

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
 Data File : BF093418.D
 Acq On : 7 Mar 2017 14:15
 Operator : SJ/MA
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

Manual Integrations
 APPROVED

mohammad
 3/8/2017 1:45:36 PM

Quant Time: Mar 07 15:56:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	208833	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	804775	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	478330	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	730318	20.00	ng	0.00
75) Chrysene-d12	13.93	240	553409	20.00	ng	0.01
86) Perylene-d12	15.34	264	494993	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	988485	78.78	ng	0.00
7) Phenol-d6	6.41	99	1234465	78.02	ng	0.00
23) Nitrobenzene-d5	7.34	82	1109877	76.52	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	225638	72.40	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1931697	75.12	ng	0.00
78) Terphenyl-d14	12.87	244	1733674	81.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	289126	41.83	ng	# 85
3) Pyridine	2.96	79	777051	44.10	ng	# 83
4) n-Nitrosodimethylamine	2.94	42	328633	39.05	ng	88
6) Aniline	6.42	93	815856	37.57	ng	# 70
8) 2-Chlorophenol	6.55	128	547441	38.94	ng	96
9) Benzaldehyde	6.31	77	392462	40.94	ng	90
10) Phenol	6.44	94	734576	37.89	ng	90
11) bis(2-Chloroethyl)ether	6.50	93	599217	38.24	ng	94
12) 1,3-Dichlorobenzene	6.70	146	611435m	38.00	ng	
13) 1,4-Dichlorobenzene	6.78	146	640137	38.85	ng	98
14) 1,2-Dichlorobenzene	6.94	146	568192	38.94	ng	95
15) Benzyl Alcohol	6.93	79	426399	37.80	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.05	45	990357	38.04	ng	91
17) 2-Methylphenol	7.04	107	440906	37.08	ng	94
18) Hexachloroethane	7.27	117	208669	37.56	ng	93
19) n-Nitroso-di-n-propylamine	7.19	70	367896	33.82	ng	95
20) 3+4-Methylphenols	7.20	107	585324	37.95	ng	# 76
22) Acetophenone	7.19	105	754604	38.96	ng	# 96
24) Nitrobenzene	7.36	77	652721	40.04	ng	95
25) Isophorone	7.60	82	1137433	38.89	ng	97
26) 2-Nitrophenol	7.68	139	299714	40.30	ng	# 80
27) 2,4-Dimethylphenol	7.73	122	477238	39.44	ng	94
28) bis(2-Chloroethoxy)methane	7.81	93	677837	36.71	ng	99
29) 2,4-Dichlorophenol	7.92	162	459094	40.33	ng	88
30) 1,2,4-Trichlorobenzene	8.00	180	491882	40.64	ng	99
31) Naphthalene	8.07	128	1490330	36.95	ng	100
32) Benzoic acid	7.89	122	229898	36.57	ng	99
33) 4-Chloroaniline	8.14	127	651386	39.80	ng	# 94
34) Hexachlorobutadiene	8.18	225	240286	38.54	ng	100
35) Caprolactam	8.53	113	163420	42.04	ng	# 56
36) 4-Chloro-3-methylphenol	8.63	107	495294	40.77	ng	98
37) 2-Methylnaphthalene	8.77	142	1046231	40.77	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	456755	34.97	ng	99
40) Hexachlorocyclopentadiene	8.92	237	90578	35.42	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	297744	36.49	nq	93
43) 2,4,5-Trichlorophenol	9.10	196	334649	38.22	nq	94
45) 1,1'-Biphenyl	9.22	154	1182680	33.94	nq	96
46) 2-Chloronaphthalene	9.26	162	1024028	38.39	nq	97
47) 2-Nitroaniline	9.36	65	364391	38.65	nq	97
48) Acenaphthylene	9.67	152	1648560	37.48	nq	99
49) Dimethylphthalate	9.53	163	1144998	36.11	nq	99
50) 2,6-Dinitrotoluene	9.60	165	250009	35.93	nq	# 47
51) Acenaphthene	9.84	154	982043	37.75	nq	96
52) 3-Nitroaniline	9.77	138	291267	34.84	nq	94
53) 2,4-Dinitrophenol	9.90	184	146079	46.10	nq	# 79
54) Dibenzofuran	10.01	168	1276768	39.21	nq	93
55) 4-Nitrophenol	9.97	139	159780	39.35	nq	84
56) 2,4-Dinitrotoluene	10.01	165	289807	33.90	nq	# 80
57) Fluorene	10.36	166	1089718	39.50	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	246941	39.96	nq	96
59) Diethylphthalate	10.23	149	1083605	35.75	nq	98
60) 4-Chlorophenyl-phenylether	10.34	204	498104	40.28	nq	# 84
61) 4-Nitroaniline	10.39	138	293511	34.33	nq	94
62) Azobenzene	10.50	77	1361969	39.55	nq	95
64) 4,6-Dinitro-2-methylphenol	10.44	198	191331	40.44	nq	91
65) n-Nitrosodiphenylamine	10.47	169	991589	40.66	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	295056	38.21	nq	# 77
67) Hexachlorobenzene	10.90	284	302218	40.98	nq	97
68) Atrazine	11.00	200	277545	38.89	nq	99
69) Pentachlorophenol	11.11	266	101614	39.91	nq	98
70) Phenanthrene	11.32	178	1614409	38.73	nq	98
71) Anthracene	11.36	178	1467948	34.81	nq	99
72) Carbazole	11.52	167	1433448	36.19	nq	100
73) Di-n-butylphthalate	11.84	149	1670237	36.44	nq	99
74) Fluoranthene	12.51	202	1585156	39.37	nq	92
76) Benzidine	12.62	184	710204	39.03	nq	96
77) Pyrene	12.73	202	1624077	40.35	nq	99
79) Butylbenzylphthalate	13.34	149	709111	41.85	nq	97
80) Benzo(a)anthracene	13.92	228	1342120	41.07	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	444797	38.86	nq	98
82) Chrysene	13.96	228	1340144	44.32	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	1012845	42.89	nq	# 97
84) Di-n-octyl phthalate	14.51	149	1611548	40.94	nq	97
85) Indeno(1,2,3-cd)pyrene	16.71	276	994208	39.28	nq	# 94
87) Benzo(b)fluoranthene	14.94	252	1174128m	38.95	nq	
88) Benzo(k)fluoranthene	14.96	252	1029071m	35.40	nq	
89) Benzo(a)pyrene	15.28	252	1054948	38.29	nq	99
90) Dibenzo(a,h)anthracene	16.71	278	853608	37.45	nq	98
91) Benzo(g,h,i)perylene	17.11	276	888005	37.96	nq	# 89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

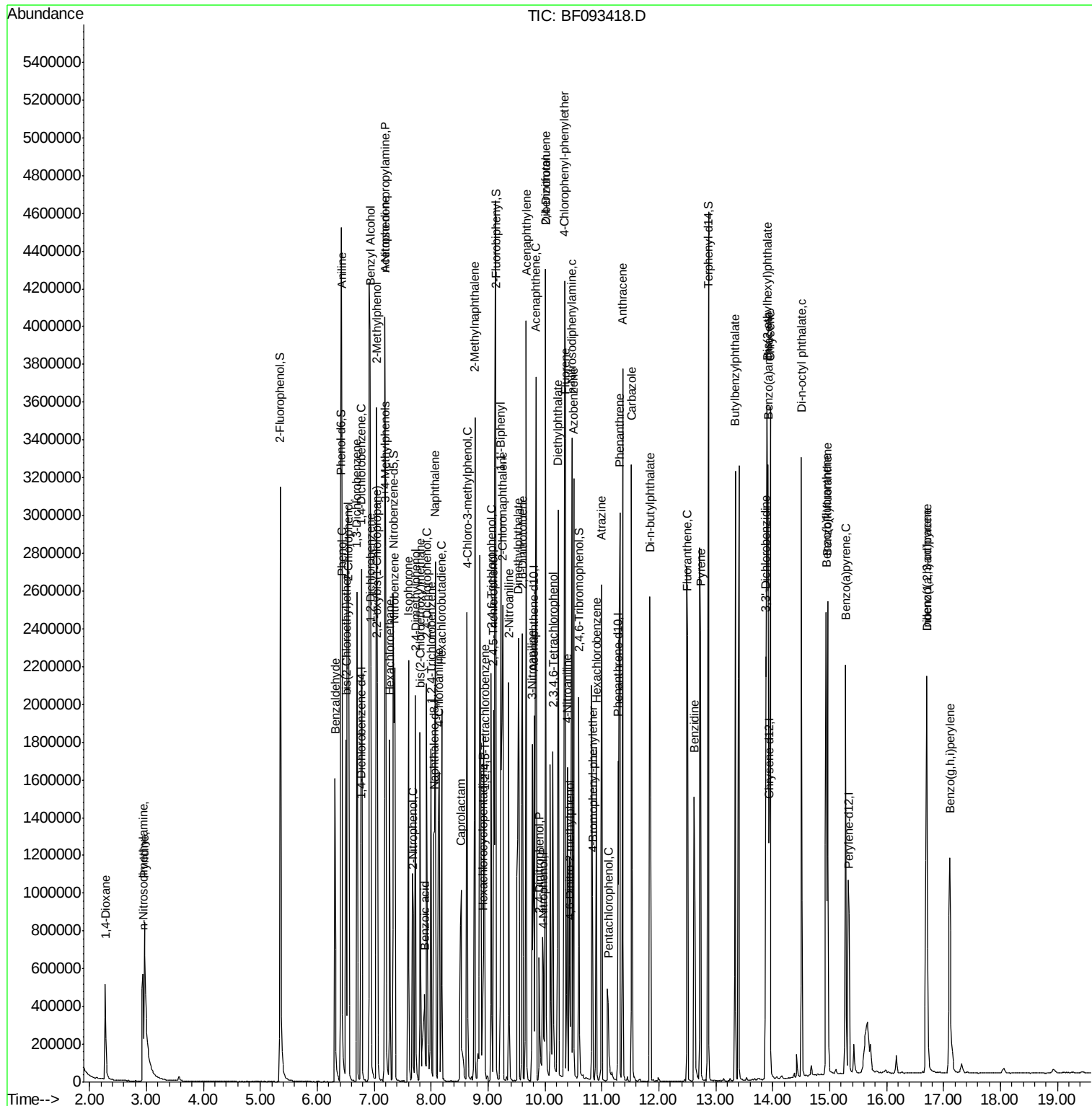
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Sample    : SSTDICV040  
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```

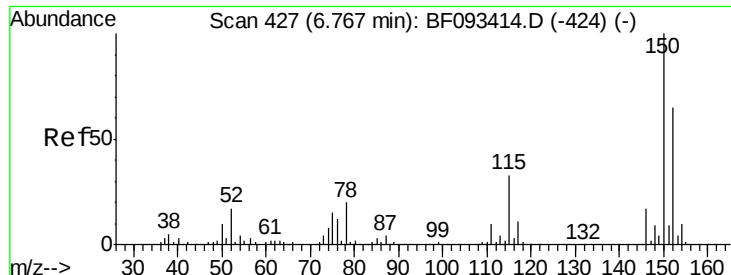
Instrument :
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#1

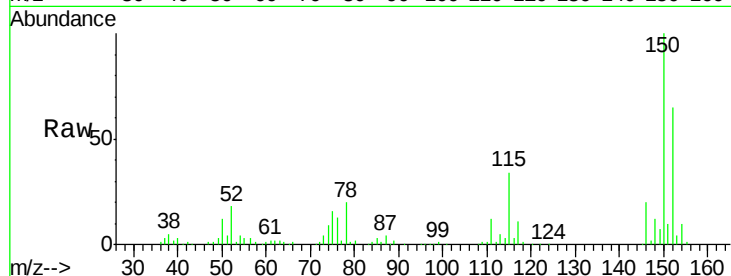
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

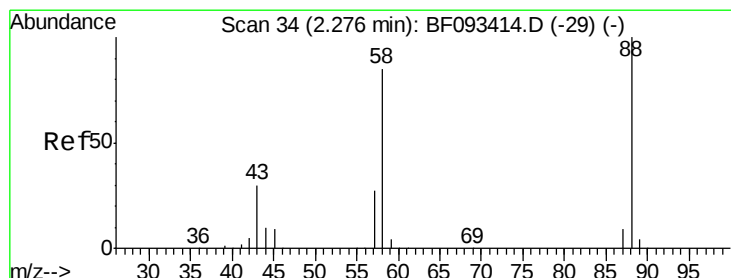
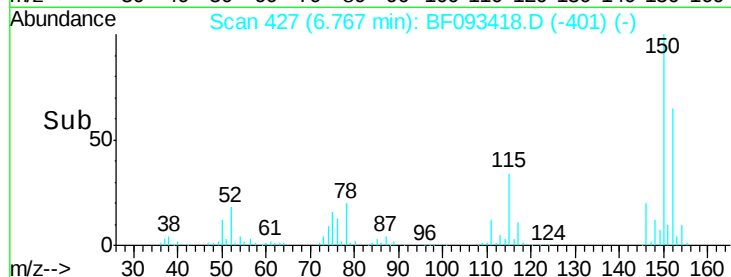
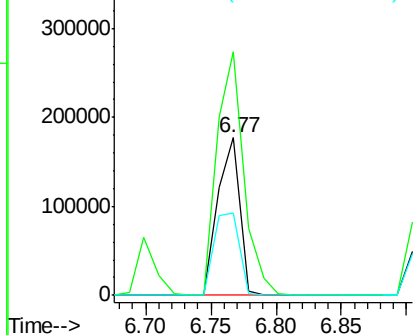
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.9	187.3
115	52.5	46.0	69.0

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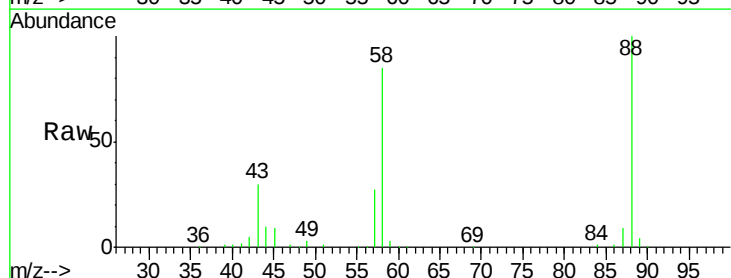
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



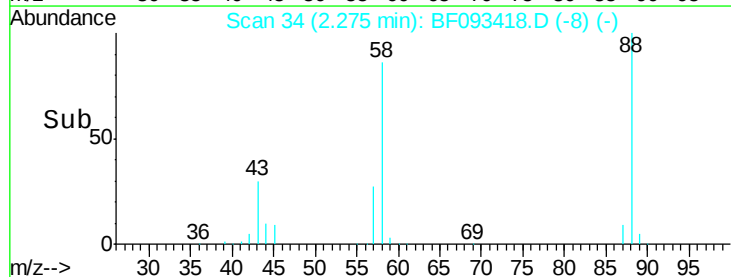
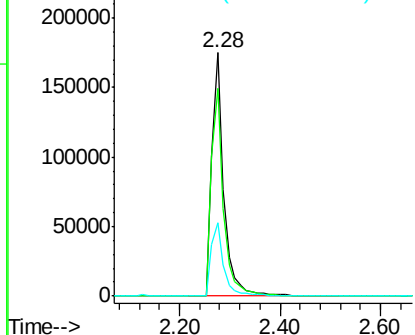
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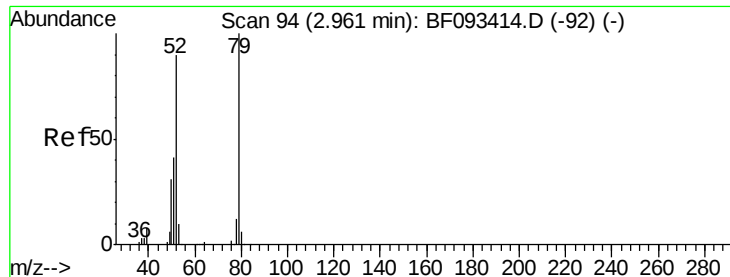
1,4-Dioxane
Concen: 41.83 ng
RT: 2.28 min Scan# 34
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	57.8	86.8#
43	32.5	22.3	33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.10 ng

RT: 2.96 min Scan# 94

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

Tot Ion: 79 Resp: 777051

Ion Ratio Lower Upper

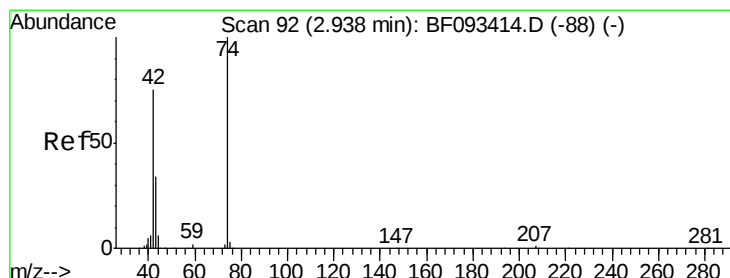
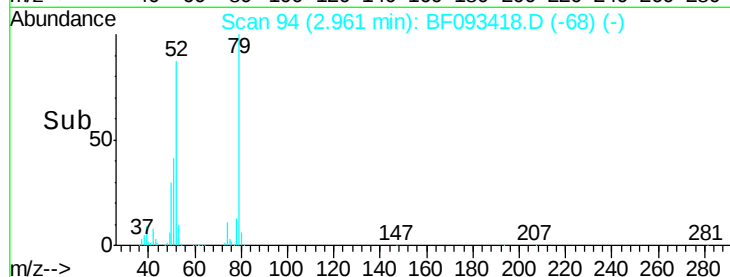
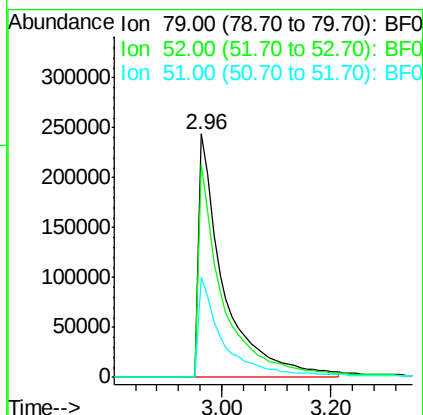
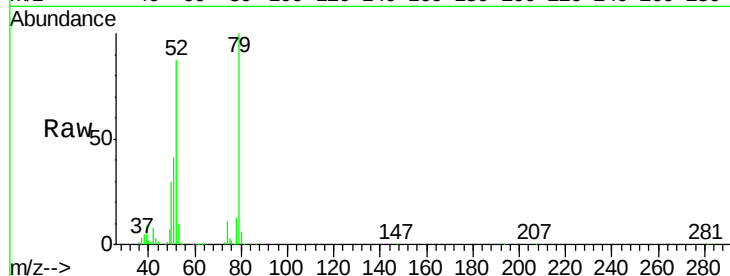
79 100

52 87.2 57.1 85.7#

51 41.1 27.3 40.9#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.05 ng

RT: 2.94 min Scan# 92

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

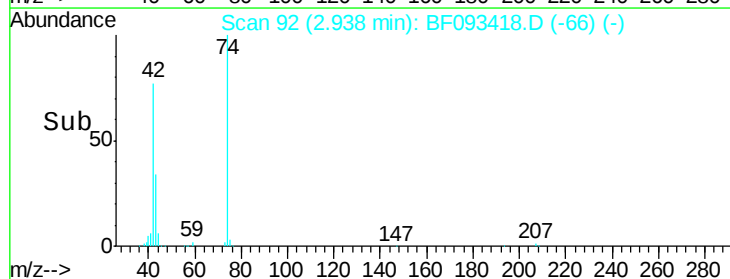
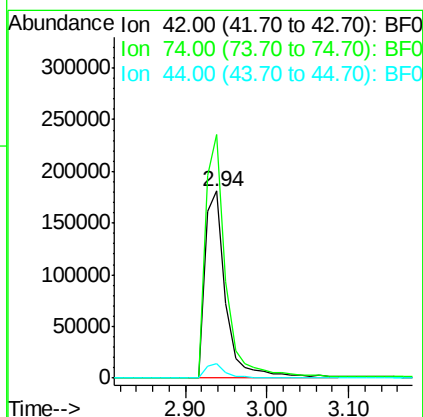
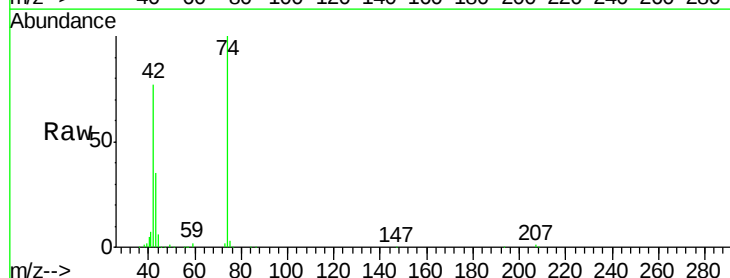
Tgt Ion: 42 Resp: 328633

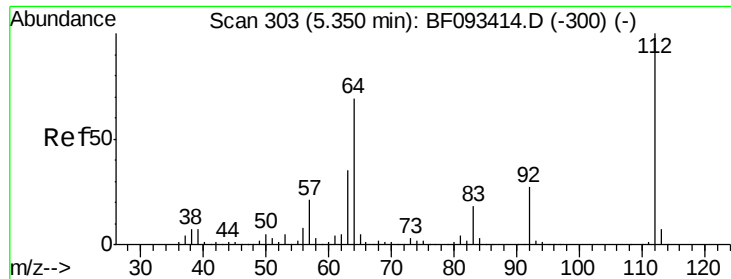
Ion Ratio Lower Upper

42 100

74 130.3 117.0 175.4

44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 78.78 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

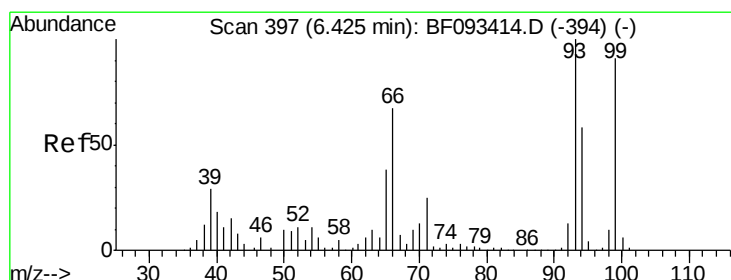
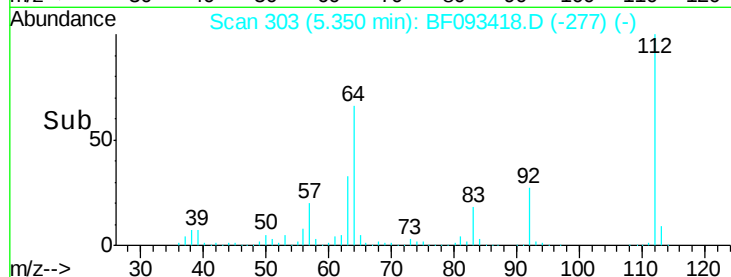
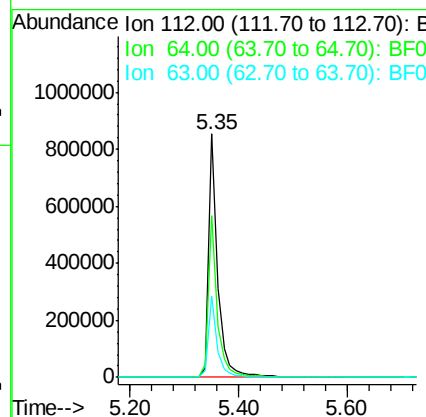
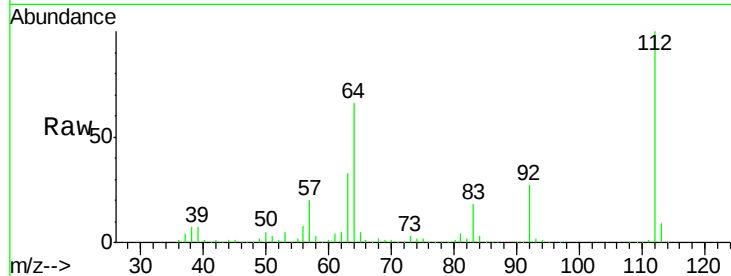
ClientSampleId :

ICVBF030717

Tot Ion:	112	Resp:	988485
Ion Ratio	Lower	Upper	
112	100		
64	66.3	46.1	69.1
63	33.4	23.8	35.6

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#6

Aniline

Concen: 37.57 ng

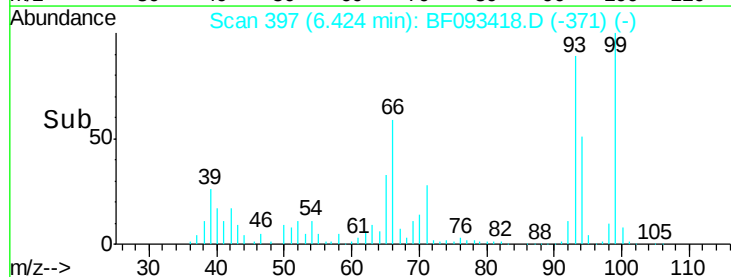
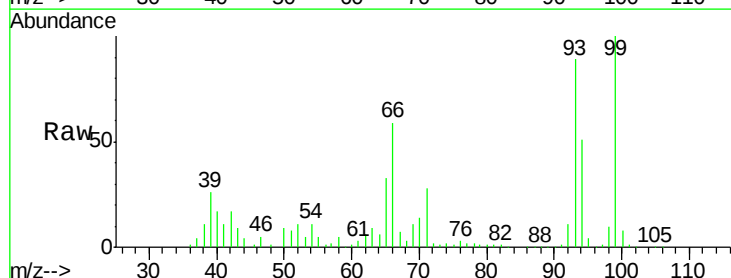
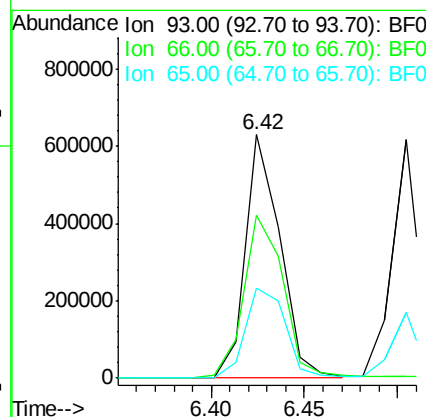
RT: 6.42 min Scan# 397

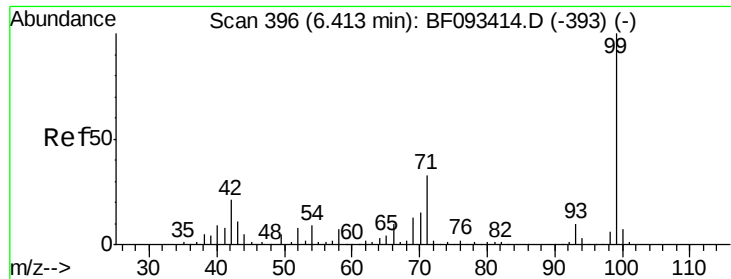
Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Tgt Ion:	93	Resp:	815856
Ion Ratio	Lower	Upper	
93	100		
66	66.8	76.2	114.2#
65	37.2	49.3	73.9#





#7

Phenol-d6

Concen: 78.02 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

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ClientSampleId :

ICVBF030717

Tot Ion: 99 Resp: 1234465

Ion Ratio Lower Upper

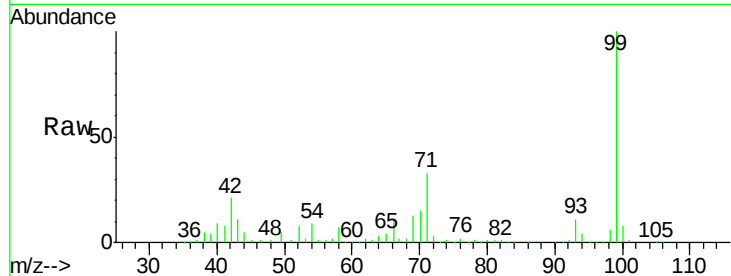
99 100

42 21.5 15.6 23.4

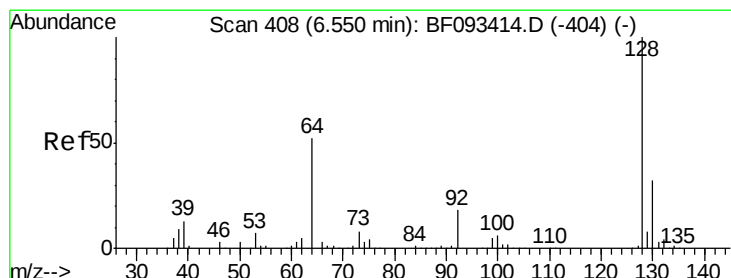
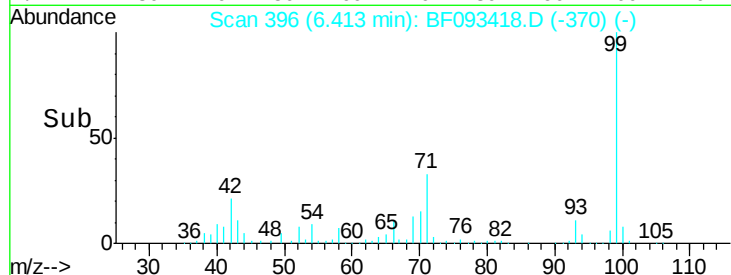
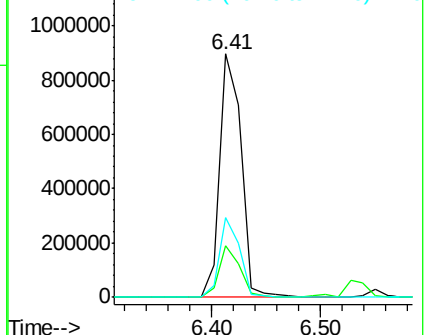
71 32.7 27.5 41.3

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.94 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

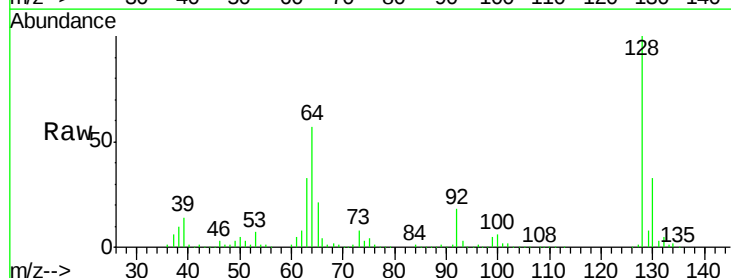
Tgt Ion:128 Resp: 547441

Ion Ratio Lower Upper

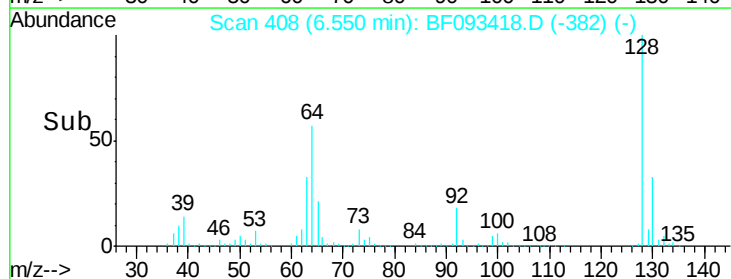
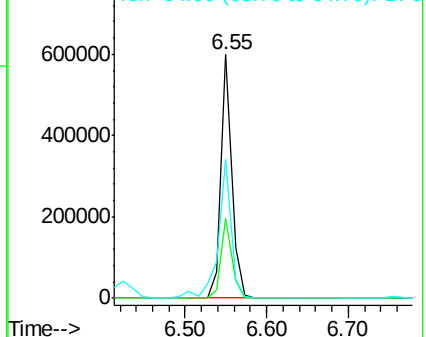
128 100

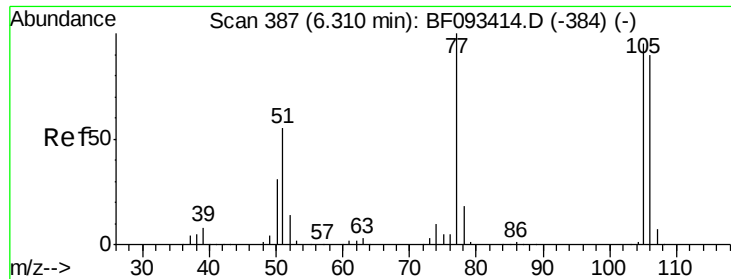
130 32.9 12.3 52.3

64 56.7 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.94 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

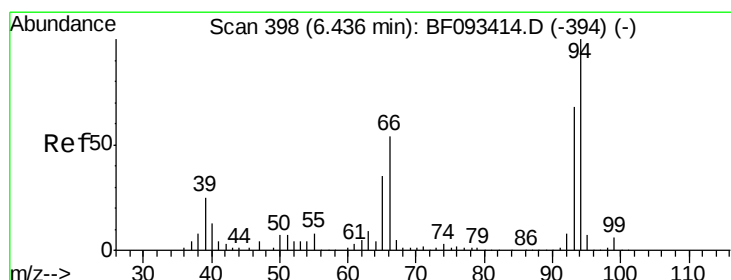
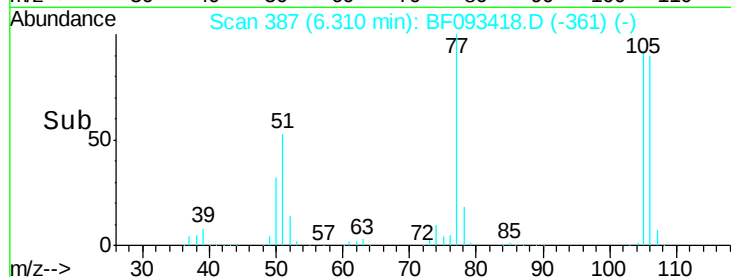
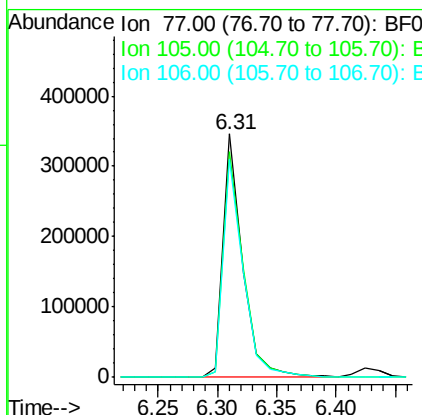
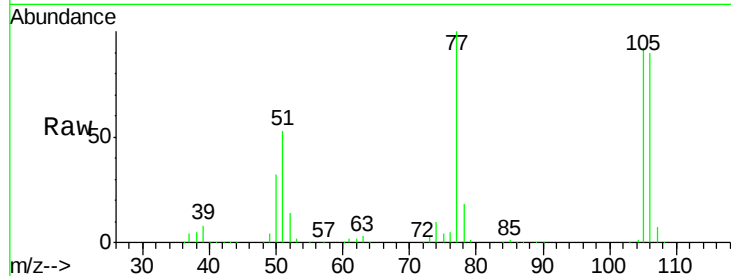
ClientSampleId :

ICVBF030717

Tot Ion:	77	Resp:	392462
Ion	Ratio	Lower	Upper
77	100		
105	92.5	83.9	123.9
106	89.5	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 37.89 ng

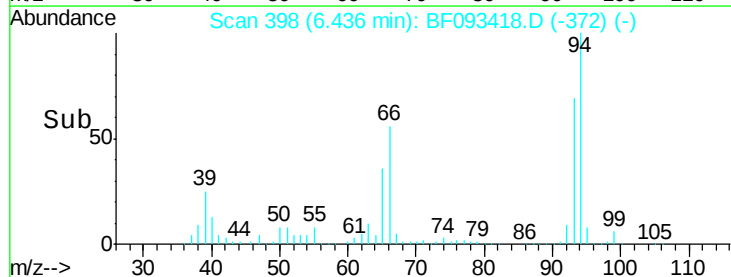
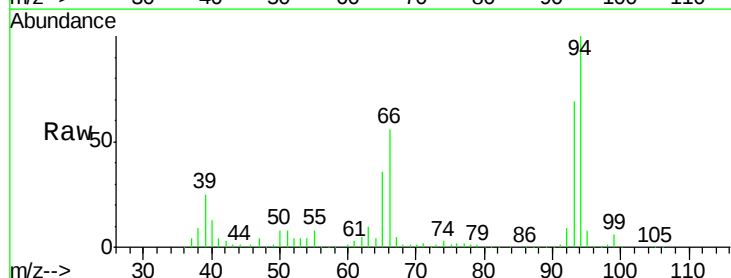
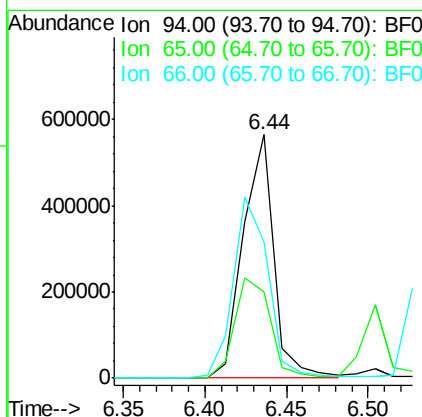
RT: 6.44 min Scan# 398

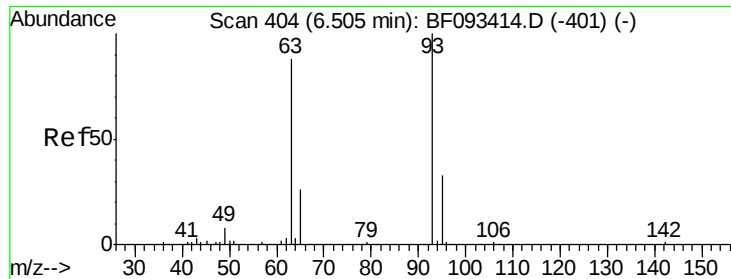
Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Tgt Ion:	94	Resp:	734576
Ion	Ratio	Lower	Upper
94	100		
65	35.6	21.4	61.4
66	55.7	44.0	84.0





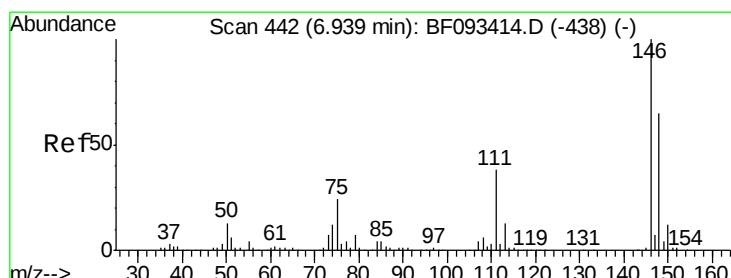
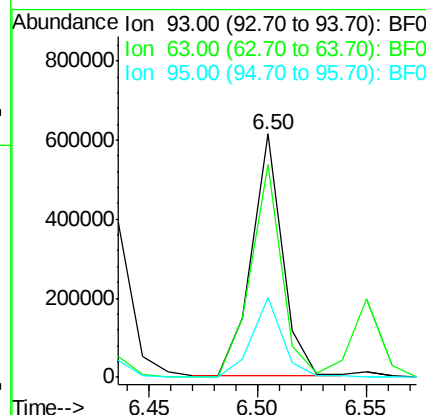
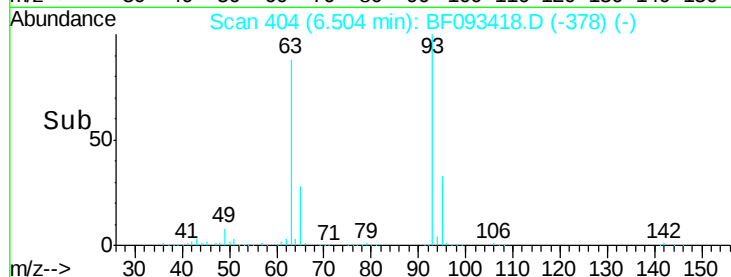
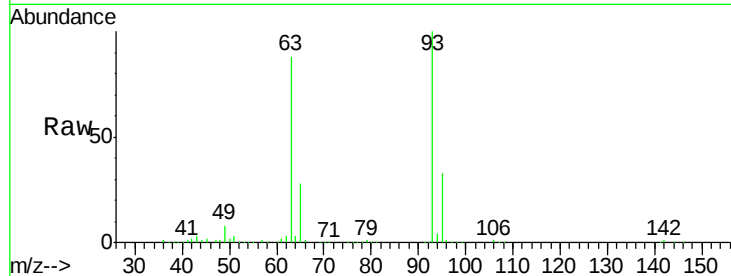
#11
bis(2-Chloroethyl)ether
Concen: 38.24 ng
RT: 6.50 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion:	93	Resp:	599217
Ion Ratio	Lower	Upper	
93	100		
63	87.6	60.4	100.4
95	32.8	12.8	52.8

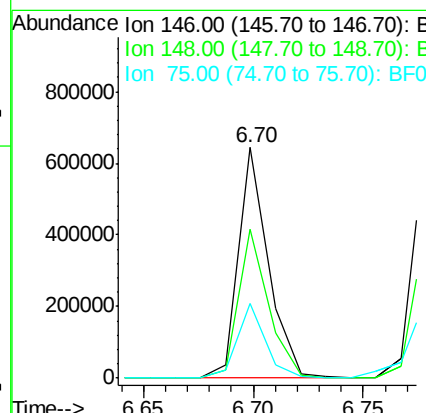
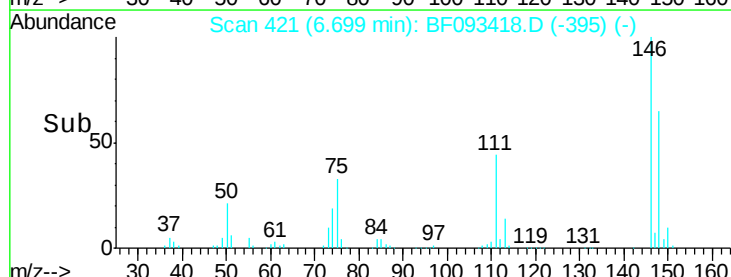
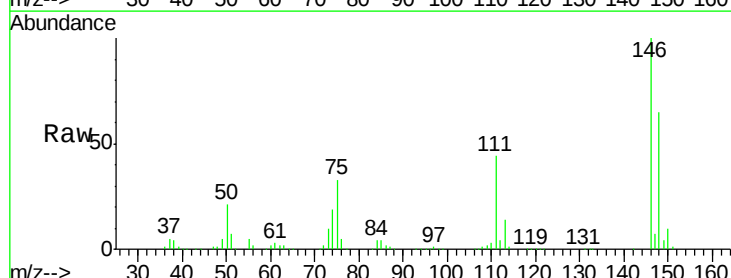
Manual Integrations
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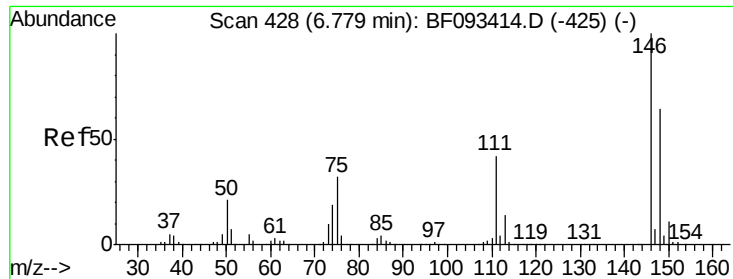
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#12
1,3-Dichlorobenzene
Concen: 38.00 ng m
RT: 6.70 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion:	146	Resp:	611435
Ion Ratio	Lower	Upper	
146	100		
148	64.5	53.4	80.0
75	32.5	18.5	27.7#





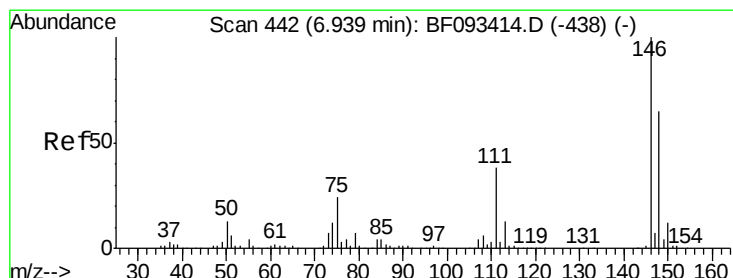
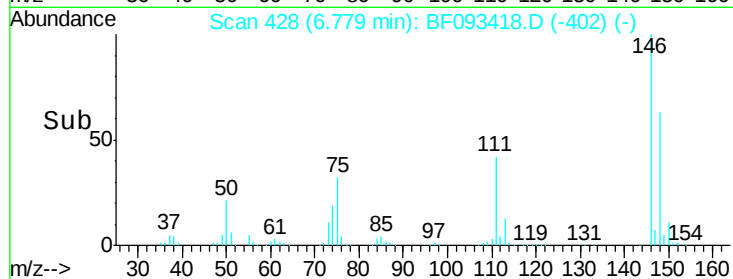
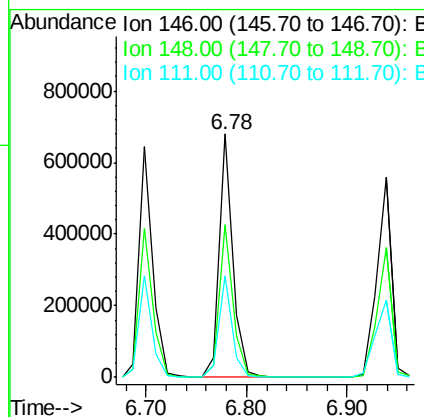
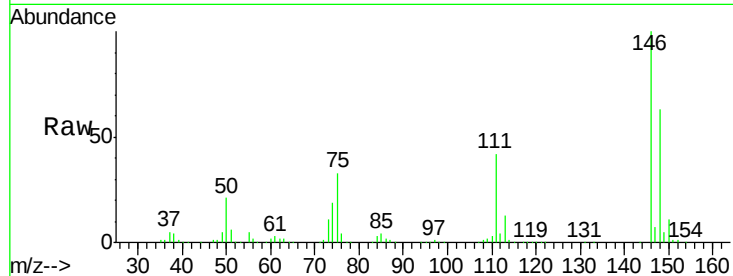
#13
1,4-Dichlorobenzene
Concen: 38.85 ng
RT: 6.78 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	76.0
111	41.8	36.2	54.4

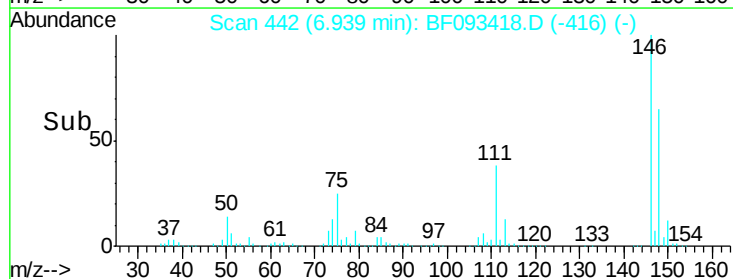
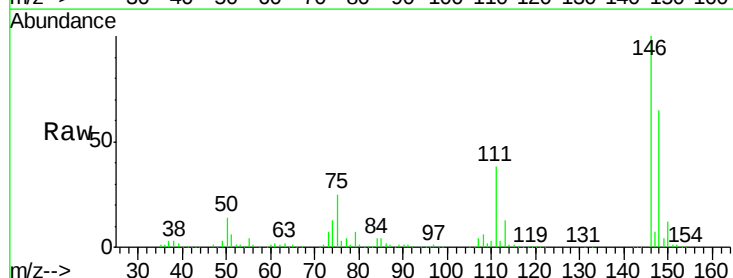
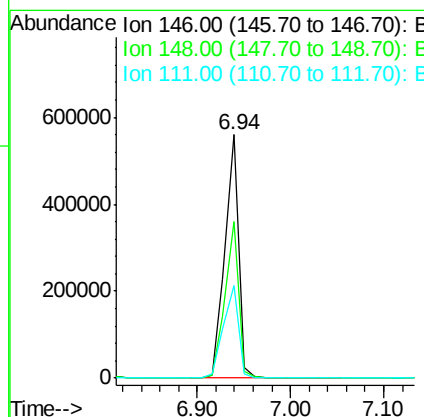
Manual Integrations
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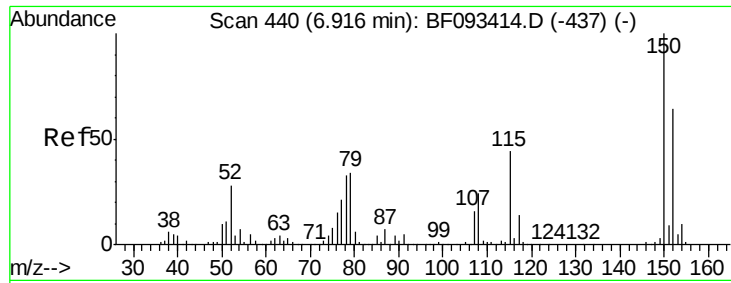
mohammad
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#14
1,2-Dichlorobenzene
Concen: 38.94 ng
RT: 6.94 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	38.2	36.2	54.2





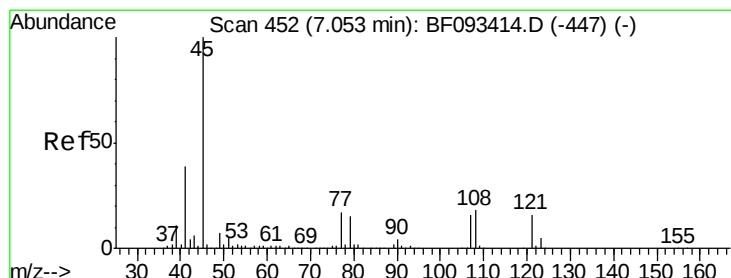
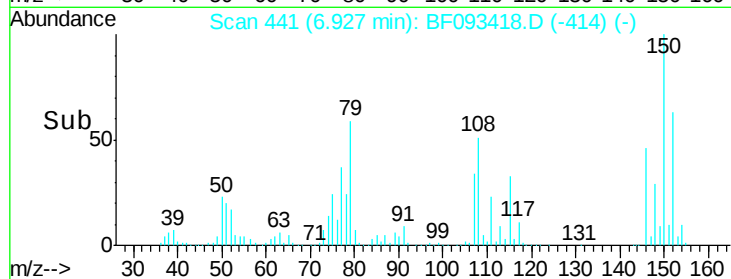
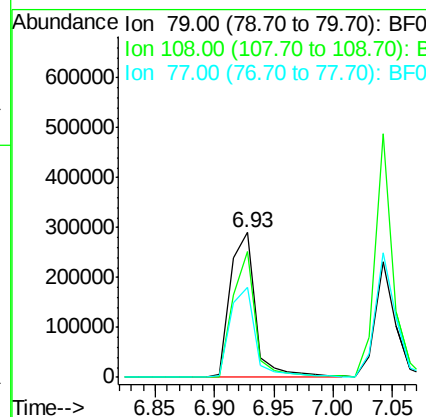
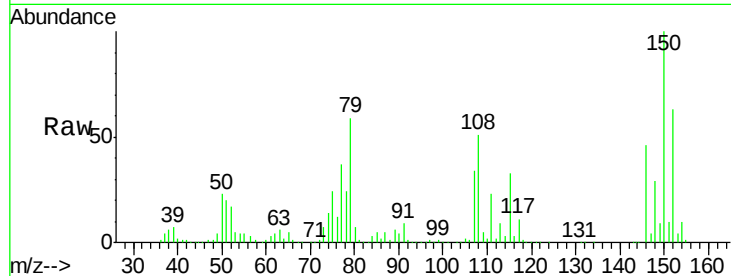
#15
Benzyl Alcohol
Concen: 37.80 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion	Ratio	Lower	Upper
79	100		
108	86.5	61.4	92.0
77	61.9	50.9	76.3

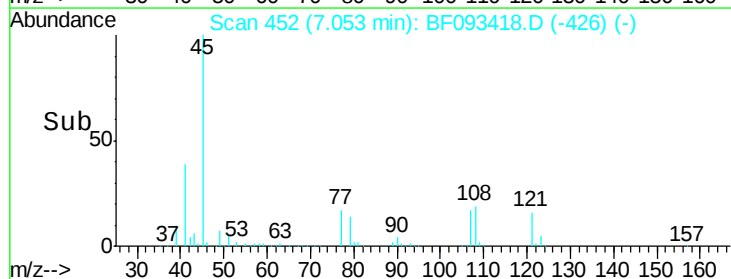
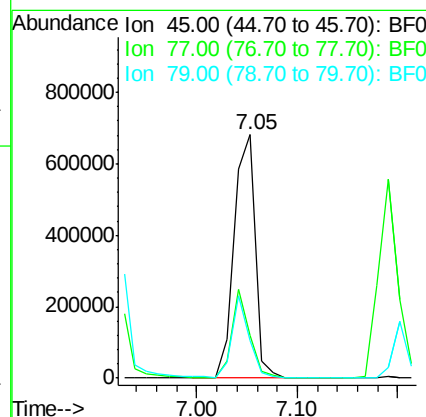
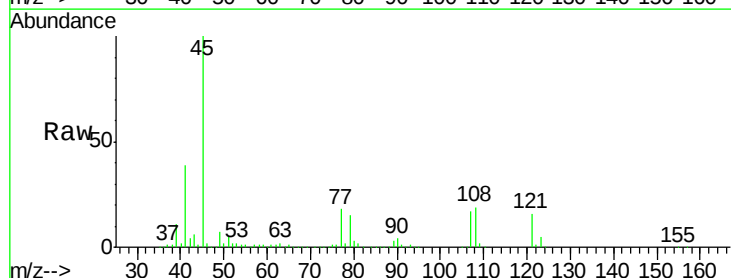
Manual Integrations
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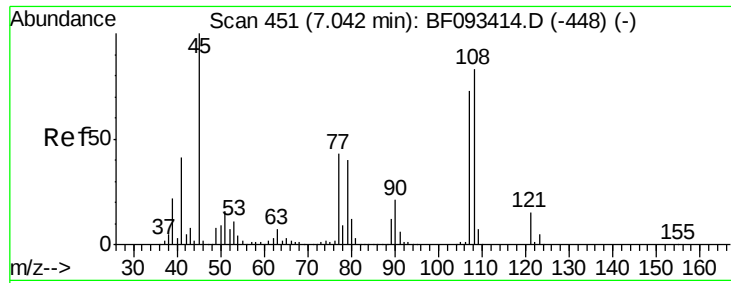
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.04 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	34.6
79	15.2	0.0	31.2





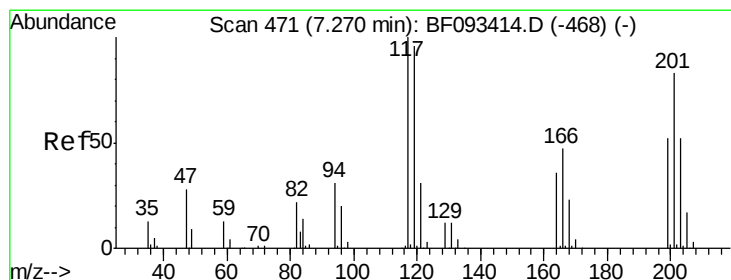
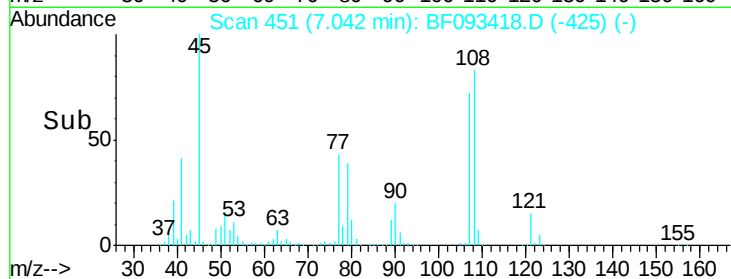
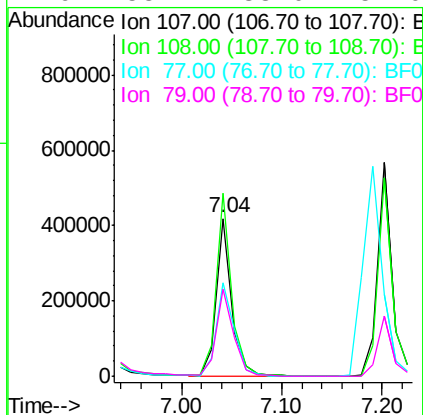
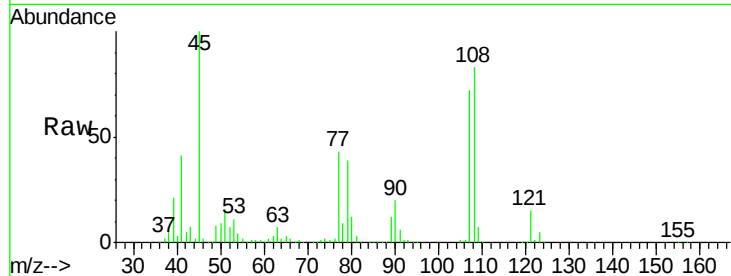
#17
2-Methylphenol
Concen: 37.08 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.5	93.0	139.6	
77	59.7	39.8	59.8	
79	55.1	38.0	57.0	

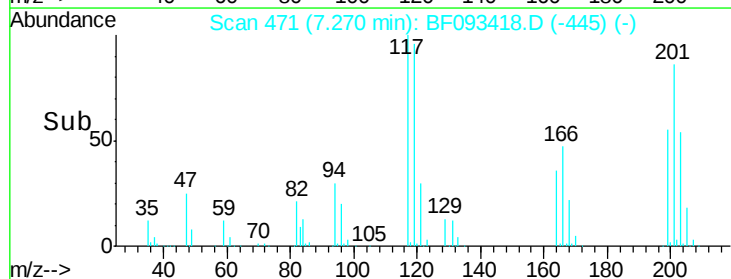
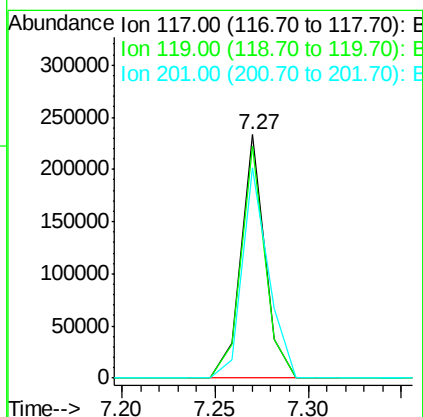
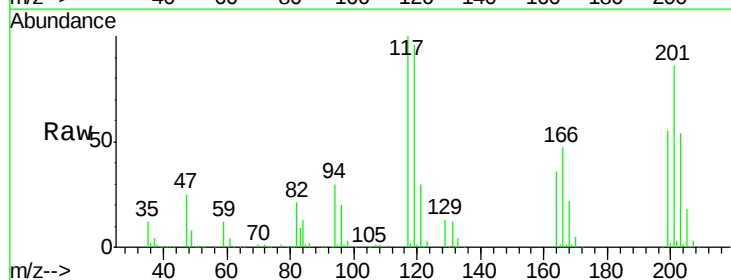
Manual Integrations
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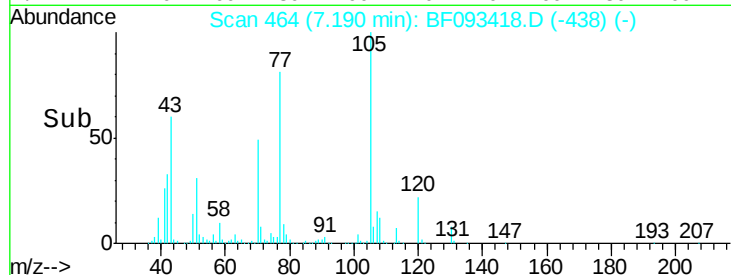
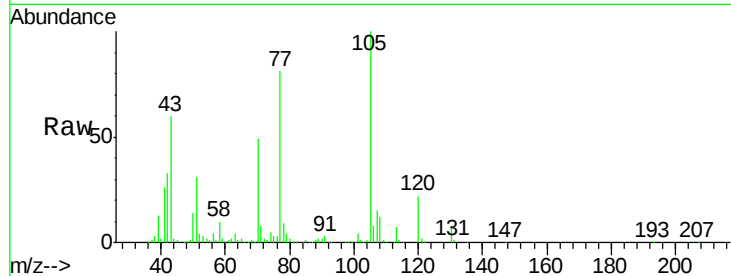
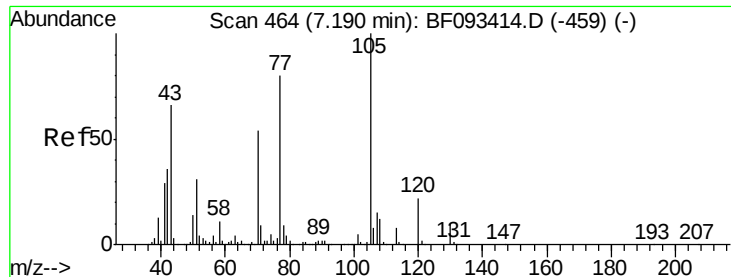
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#18
Hexachloroethane
Concen: 37.56 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	78.1	117.1	
201	86.1	78.6	117.8	





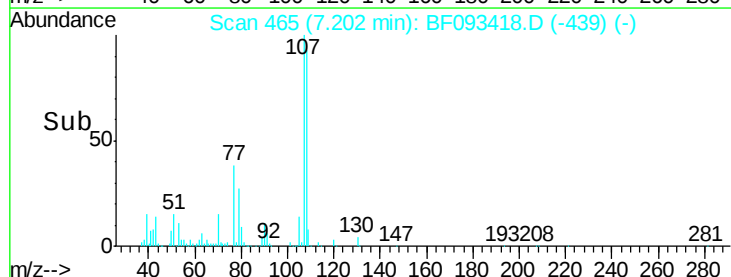
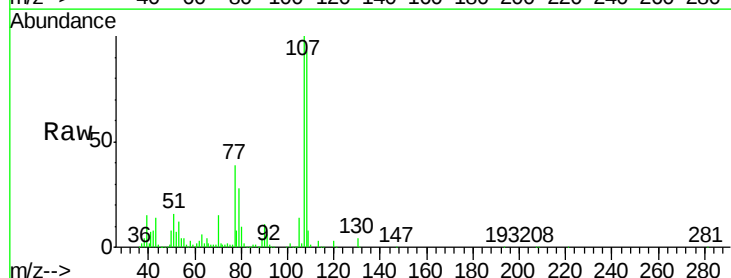
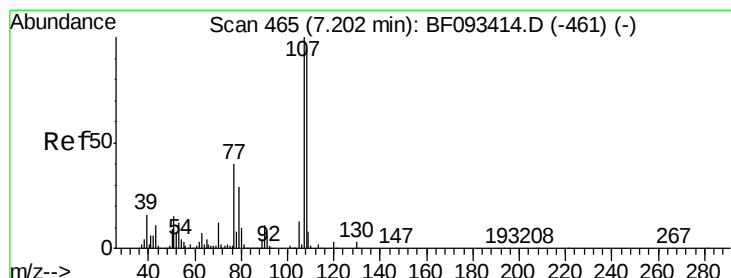
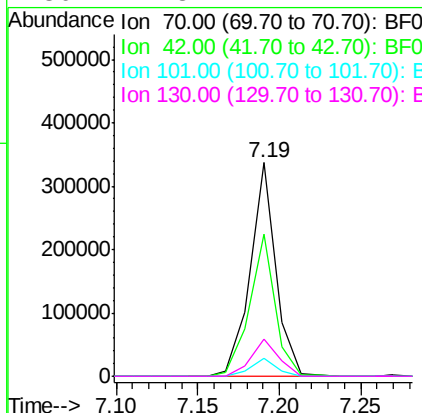
#19
n-Nitroso-di-n-propylamine
Concen: 33.82 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.8	49.4	74.0
101	8.7	7.4	11.2
130	17.3	14.2	21.4

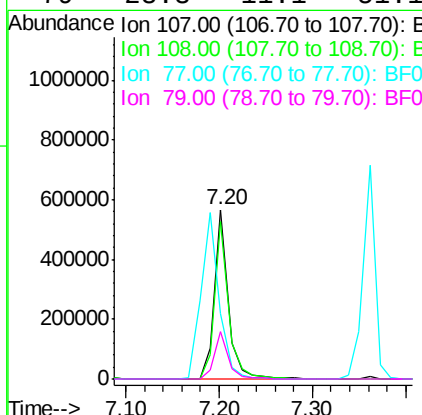
Manual Integrations
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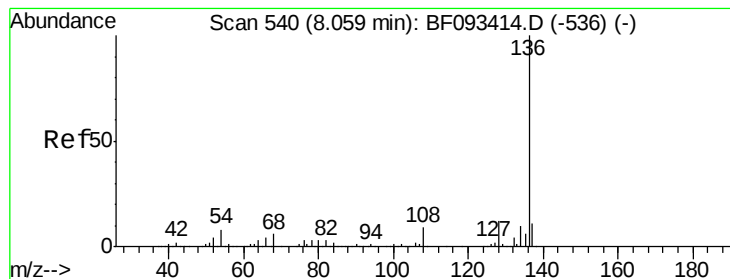
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#20
3+4-Methylphenols
Concen: 37.95 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	73.0	113.0
77	38.7	71.3	111.3#
79	28.3	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

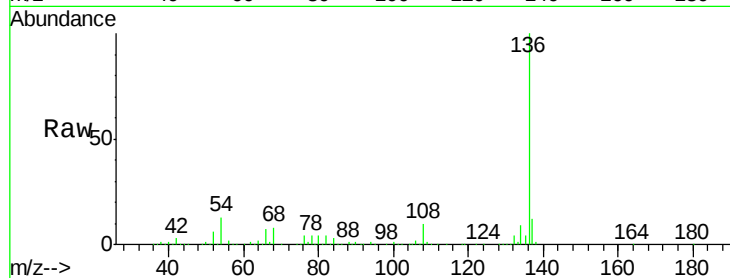
ClientSampleId :

ICVBF030717

Tot Ion	Ratio	Resp	Lower	Upper
136	100	804775		
137	11.5	8.4	12.6	
54	12.6	4.5	6.7#	
68	8.5	3.6	5.4#	

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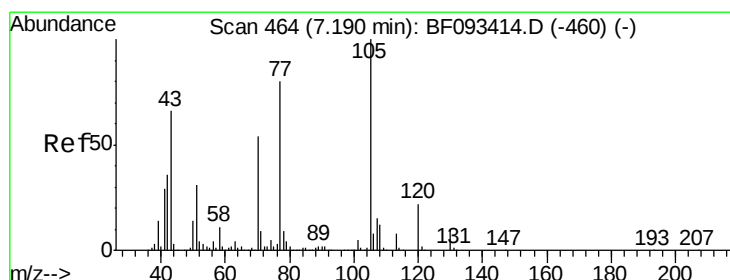
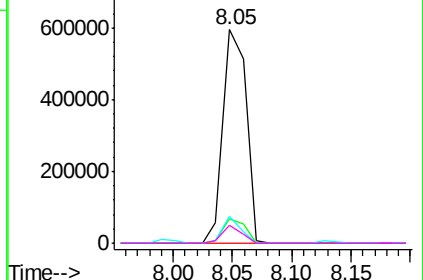
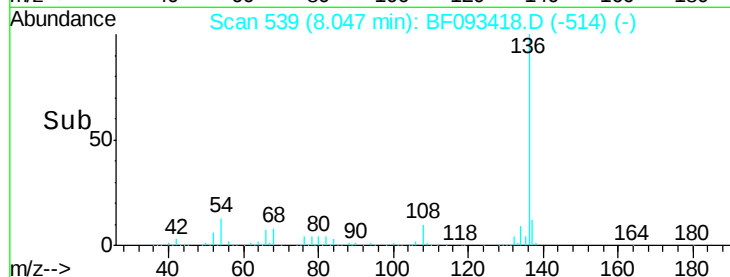


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.96 ng

RT: 7.19 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

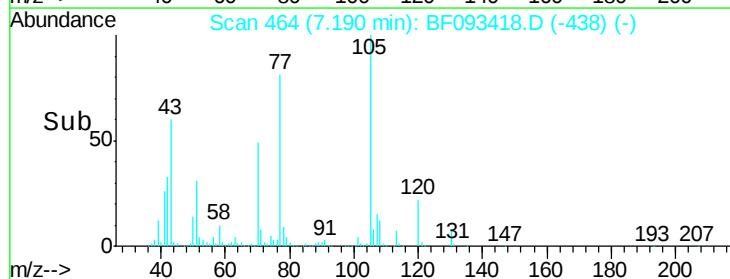
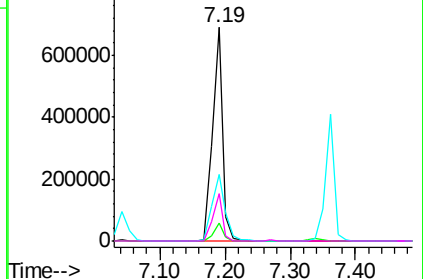
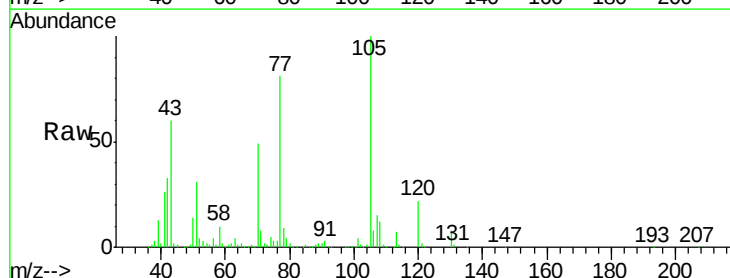
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	754604		
71	8.3	3.2	4.8#	
51	31.2	26.2	39.4	
120	21.9	16.6	24.8	

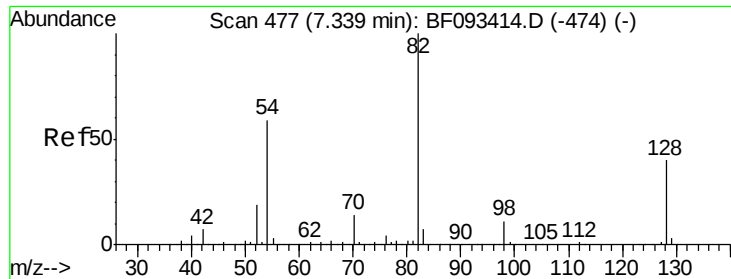
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





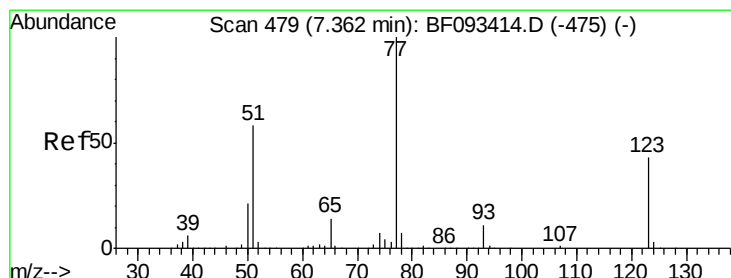
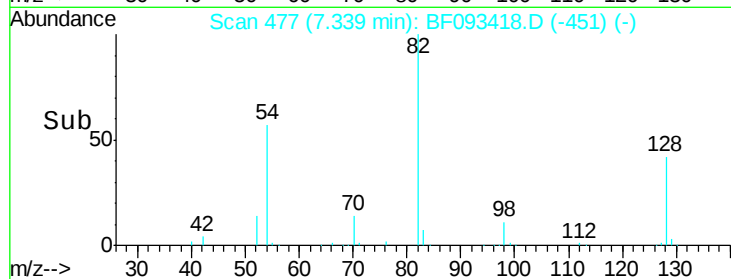
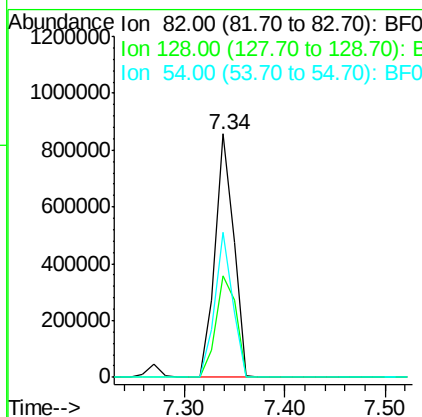
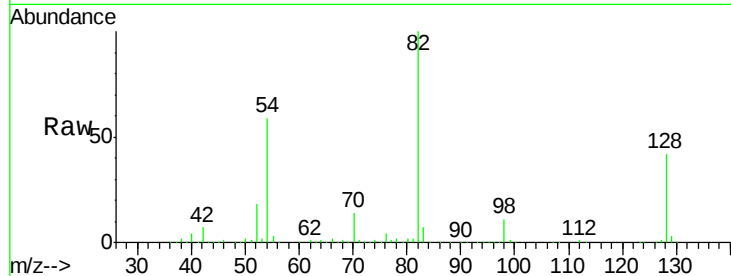
#23
 Nitrobenzene-d5
 Concen: 76.52 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

Tot Ion: 82 Resp: 1109877
 Ion Ratio Lower Upper
 82 100
 128 41.8 34.6 52.0
 54 59.5 39.5 59.3#

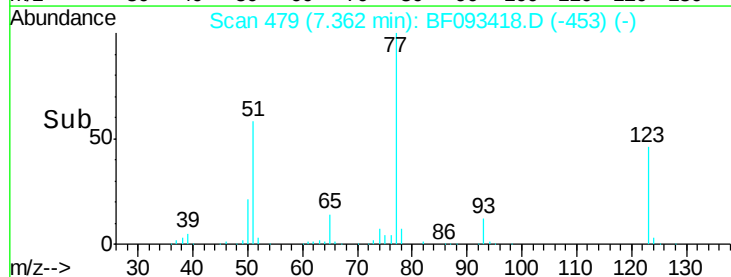
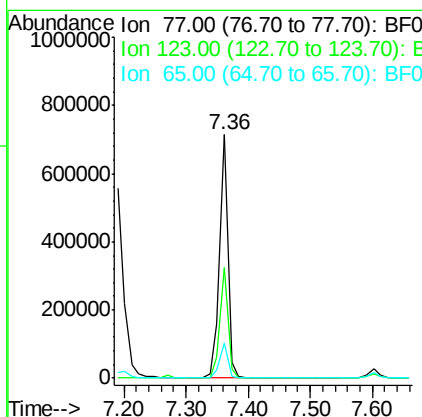
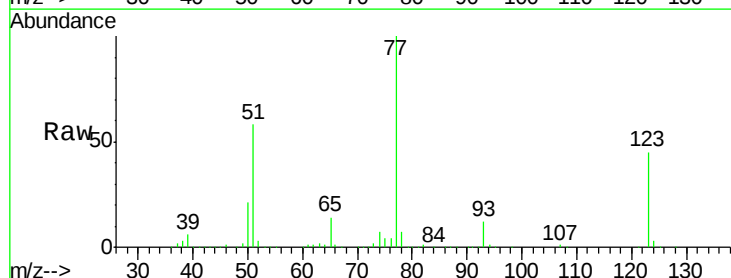
Manual Integrations
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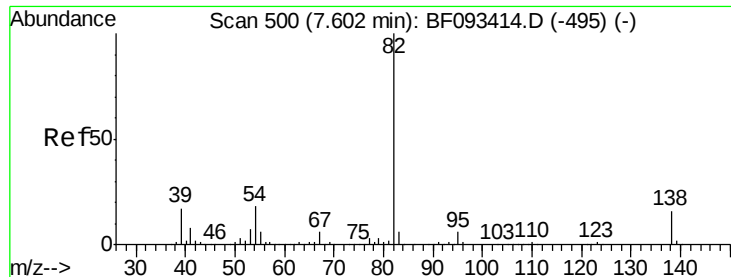
mohammad
 3/8/2017 1:45:36 PM



#24
 Nitrobenzene
 Concen: 40.04 ng
 RT: 7.36 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Tgt Ion: 77 Resp: 652721
 Ion Ratio Lower Upper
 77 100
 123 45.3 33.0 49.4
 65 14.1 11.2 16.8





#25

Isophorone

Concen: 38.89 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

Tot Ion: 82 Resp: 1137433

Ion Ratio Lower Upper

82 100

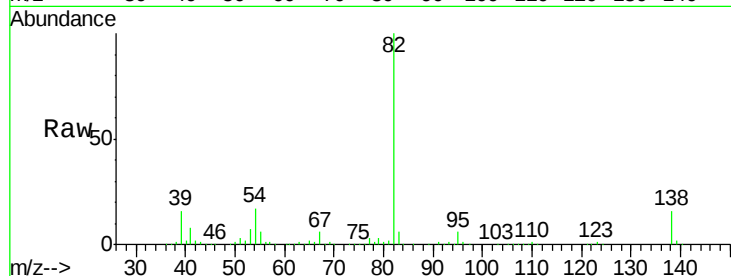
95 6.4 5.6 8.4

138 16.5 14.6 22.0

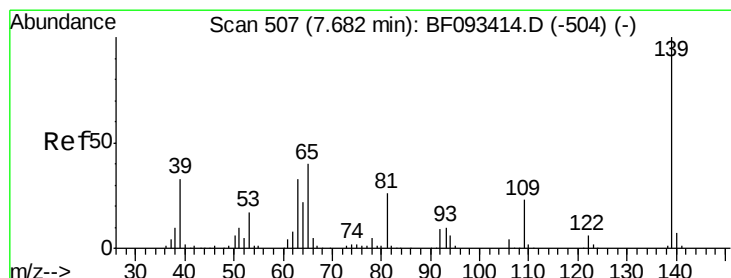
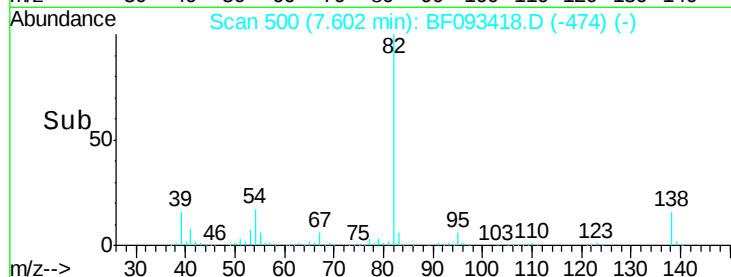
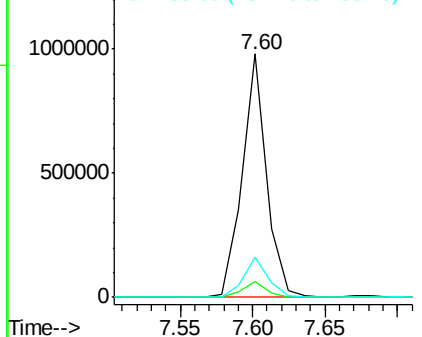
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.30 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

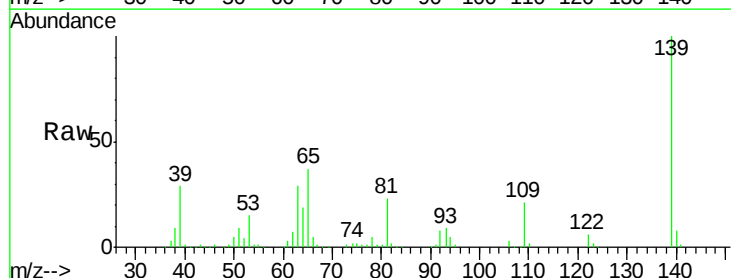
Tgt Ion: 139 Resp: 299714

Ion Ratio Lower Upper

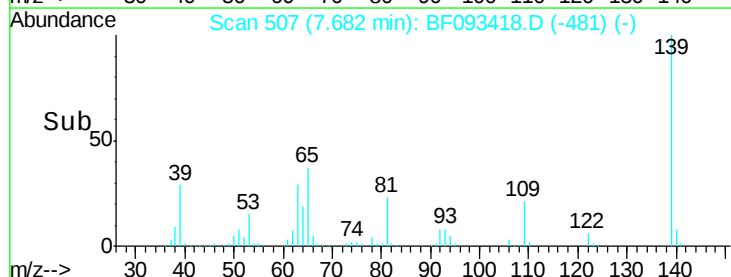
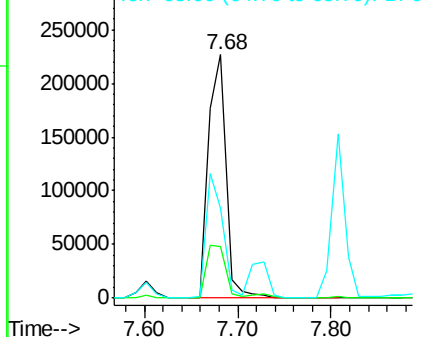
139 100

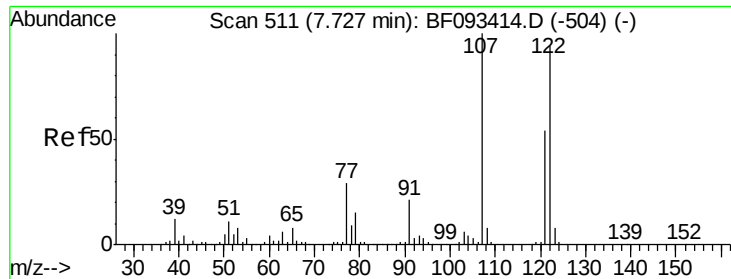
109 21.4 23.3 34.9#

65 37.0 42.7 64.1#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.44 ng

RT: 7.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

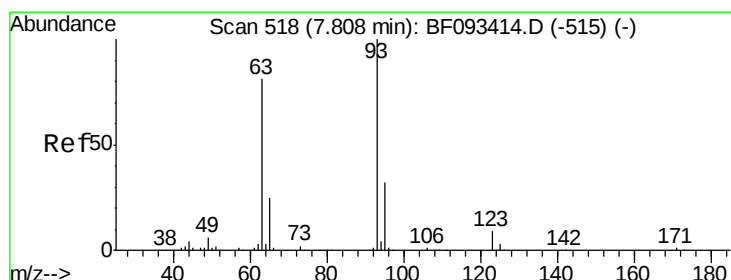
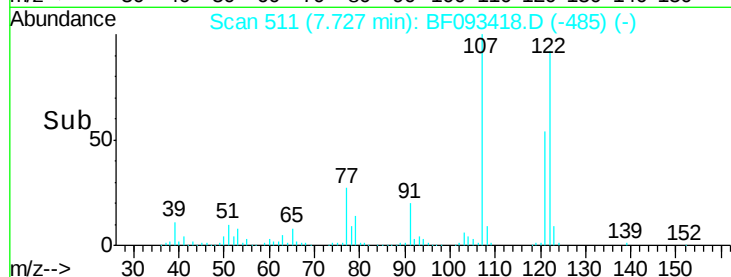
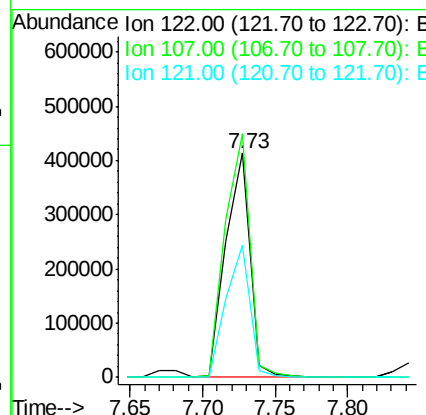
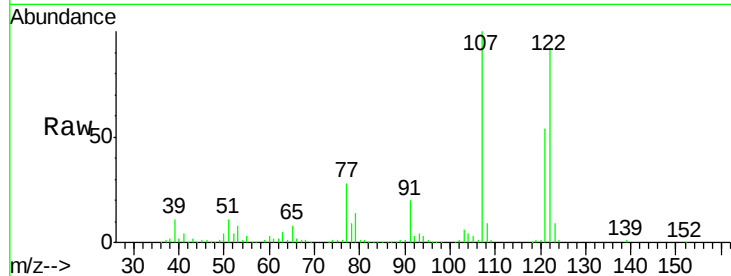
ClientSampleId :

ICVBF030717

Tot Ion:	122	Resp:	477238
Ion Ratio	Lower	Upper	
122	100		
107	108.6	94.1	141.1
121	58.8	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 36.71 ng

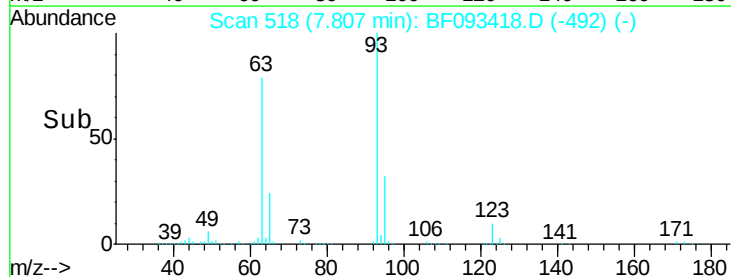
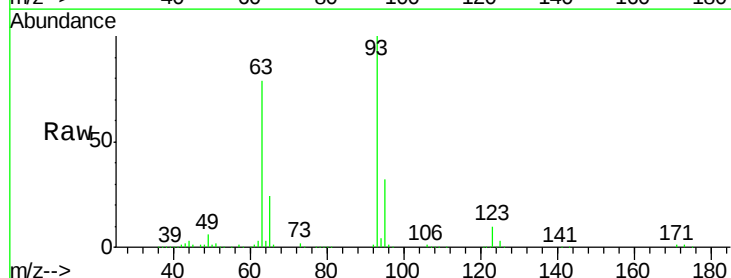
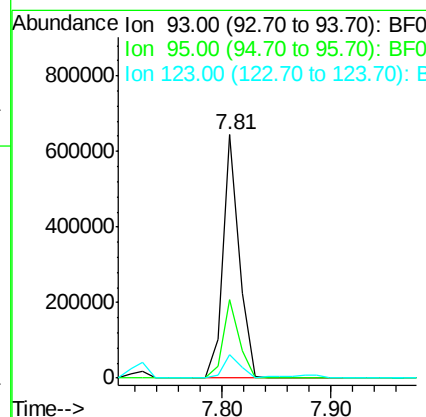
RT: 7.81 min Scan# 518

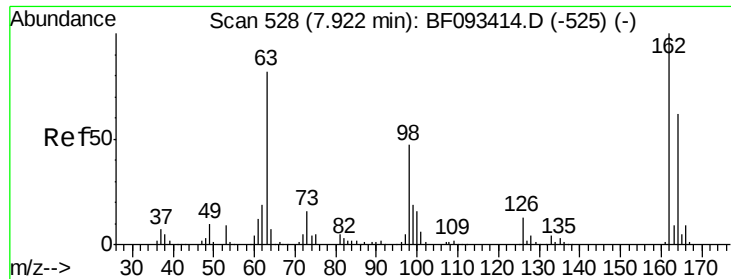
Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Tgt Ion:	93	Resp:	677837
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.5	39.7
123	9.8	8.6	13.0





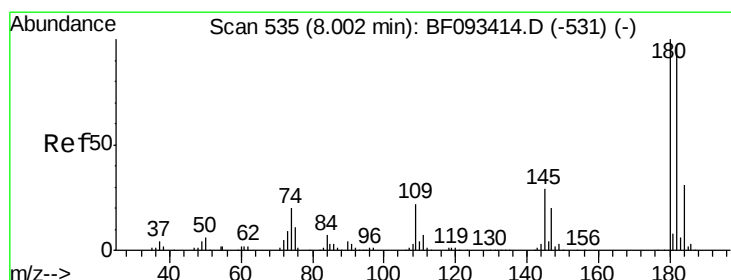
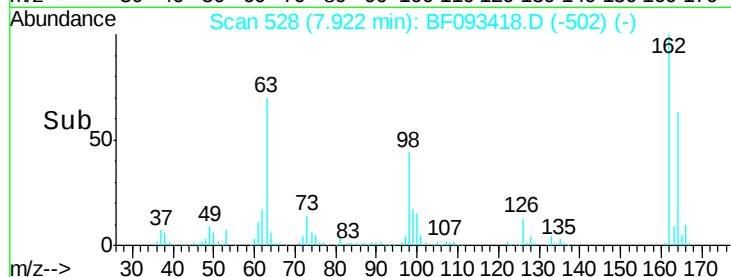
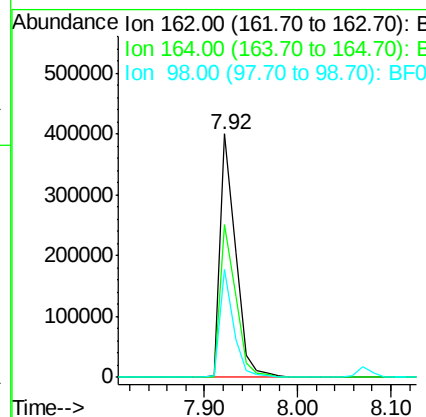
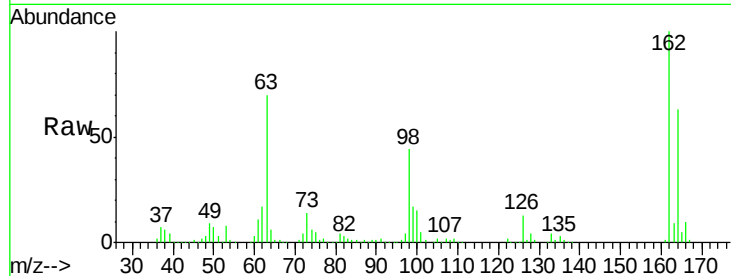
#29
2,4-Dichlorophenol
Concen: 40.33 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion	Ratio	Resp	Lower	Upper
162	100	459094		
164	62.9	46.8	86.8	
98	44.4	9.1	49.1	

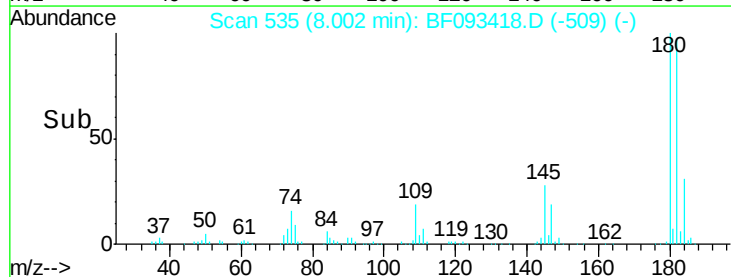
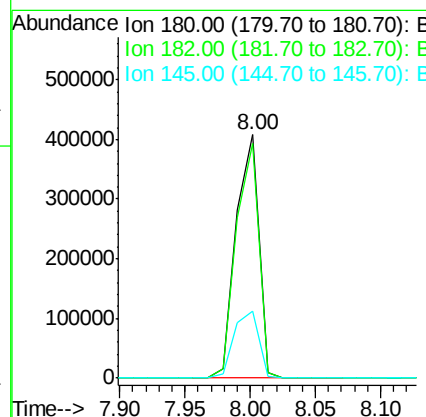
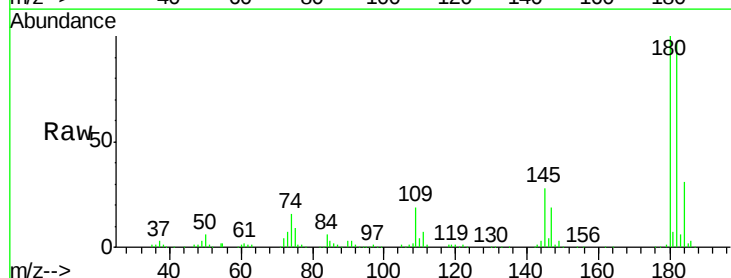
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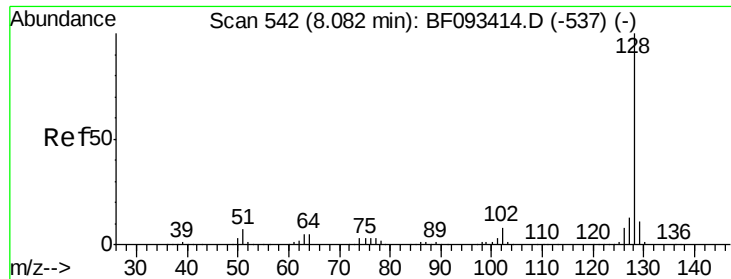
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#30
1,2,4-Trichlorobenzene
Concen: 40.64 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	491882		
182	96.6	78.2	117.4	
145	27.6	21.6	32.4	





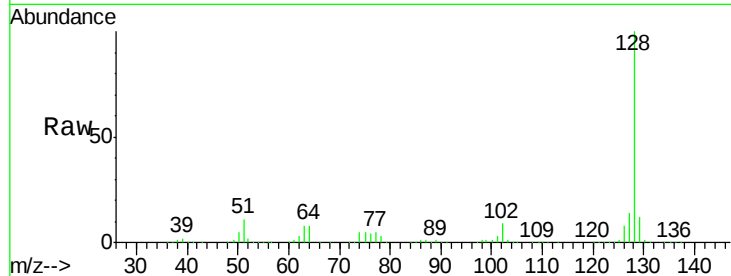
#31
Naphthalene
Concen: 36.95 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

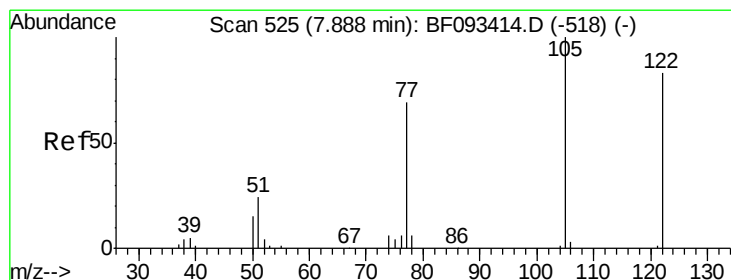
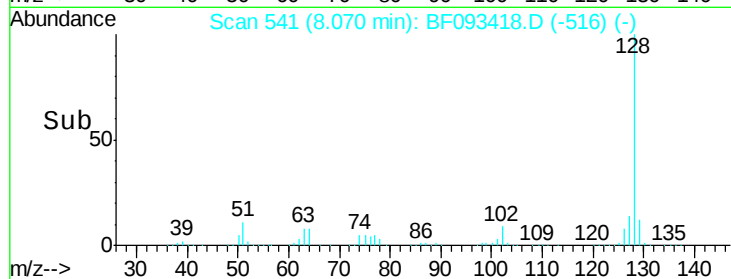
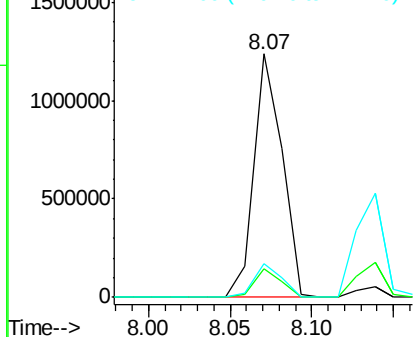
Tot Ion:128 Resp: 1490330
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 13.7 10.8 16.2

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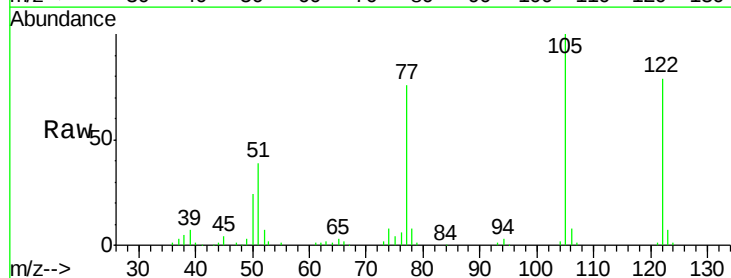


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

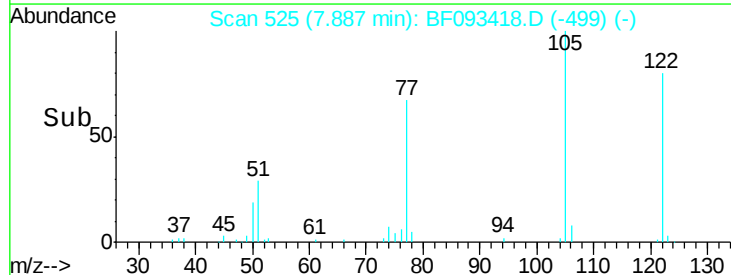
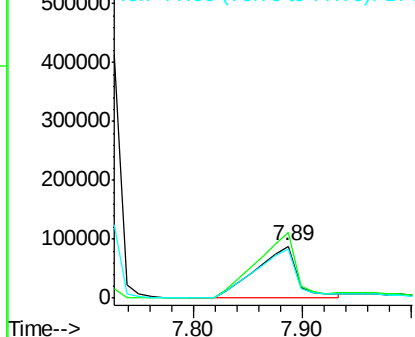


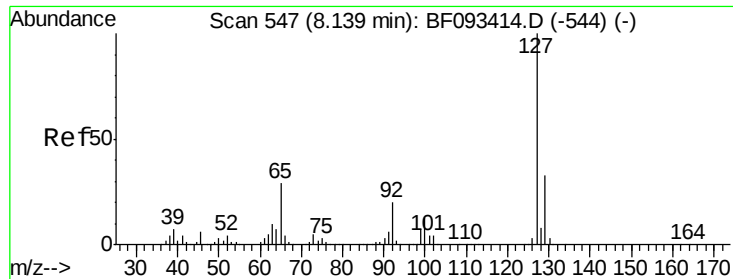
#32
Benzoic acid
Concen: 36.57 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion:122 Resp: 229898
Ion Ratio Lower Upper
122 100
105 126.4 107.2 147.2
77 95.7 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





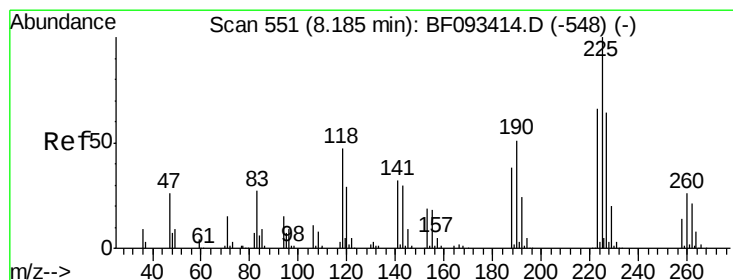
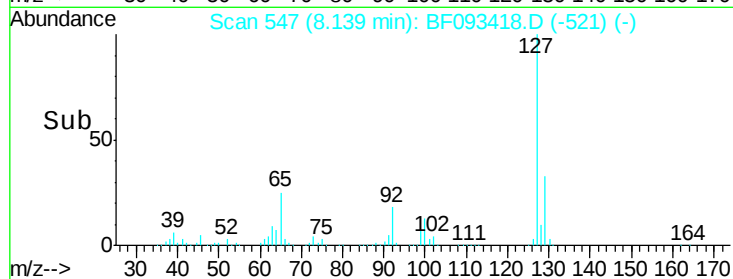
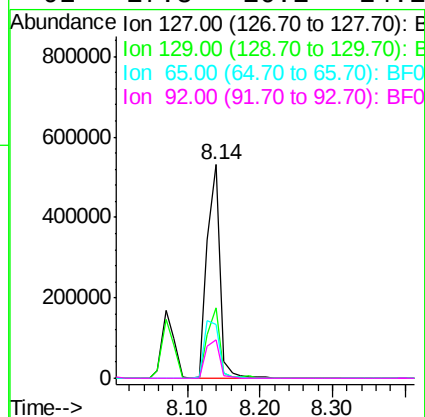
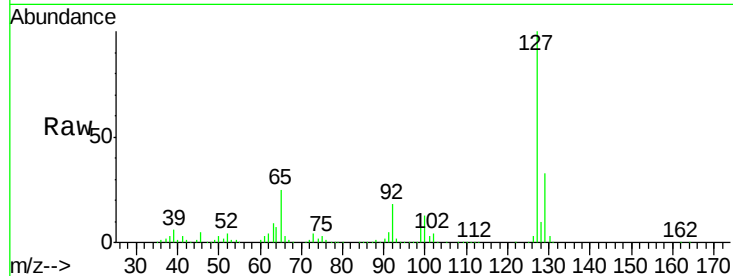
#33
4-Chloroaniline
Concen: 39.80 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.3	39.5		
65	25.0	25.8	38.8		
92	17.8	16.1	24.1		

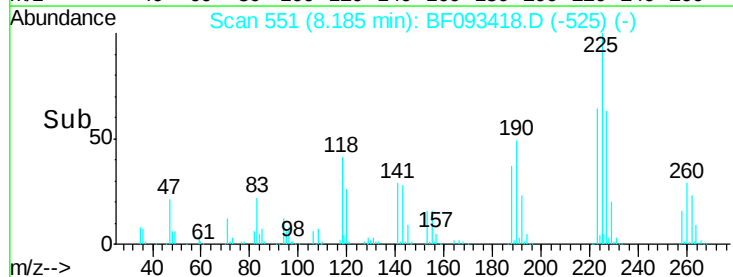
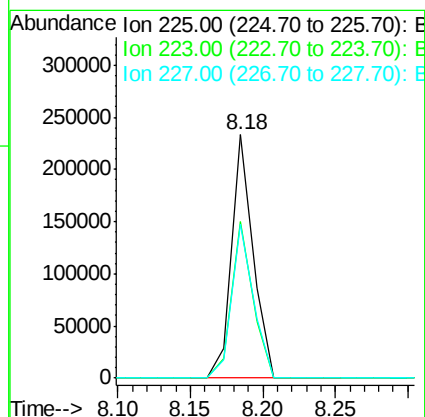
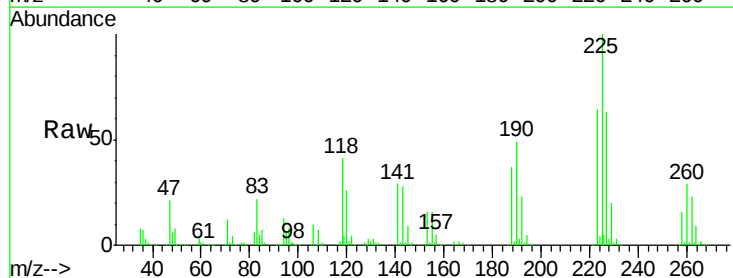
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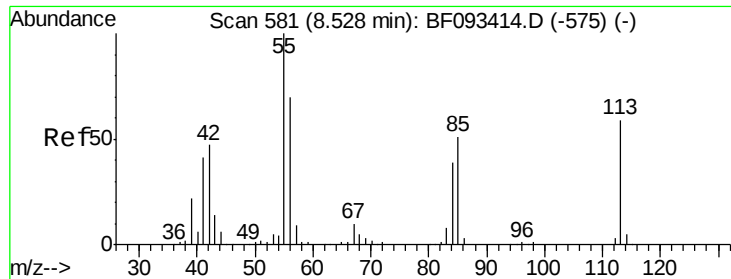
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#34
Hexachlorobutadiene
Concen: 38.54 ng
RT: 8.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	51.0	76.6		
227	63.2	50.6	76.0		





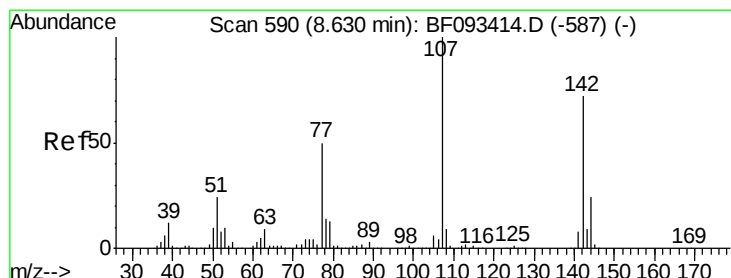
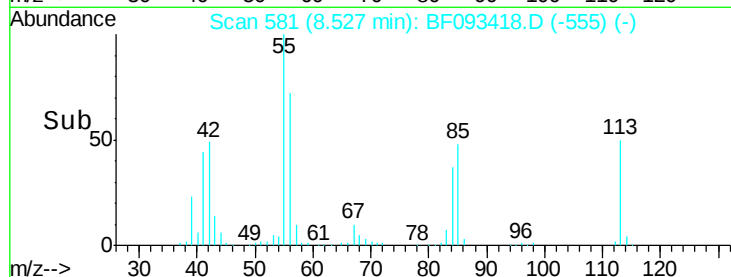
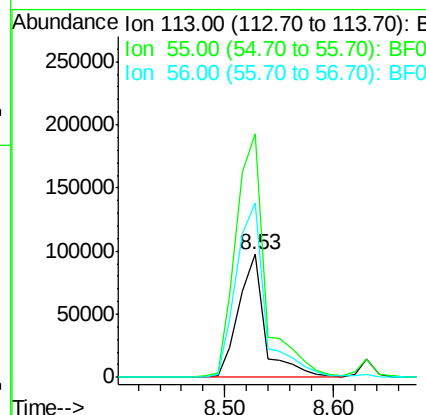
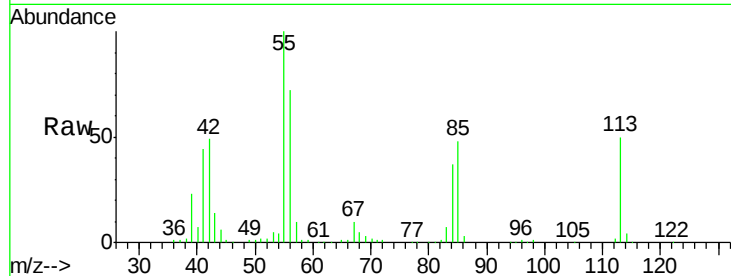
#35
 Caprolactam
 Concen: 42.04 ng
 RT: 8.53 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

Tot Ion	Ratio	Lower	Upper
113	100		
55	198.4	119.2	159.2#
56	142.6	83.8	123.8#

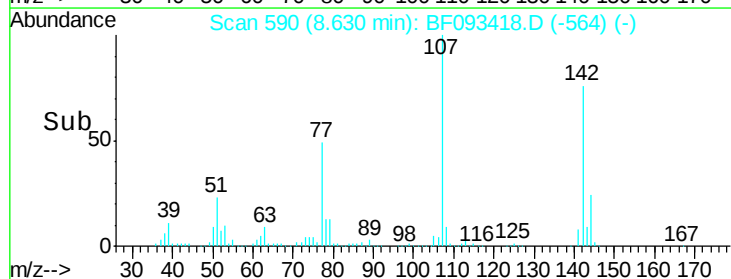
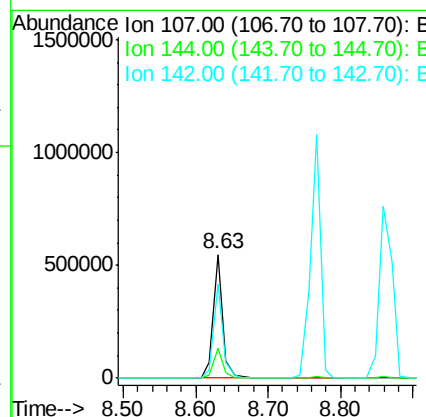
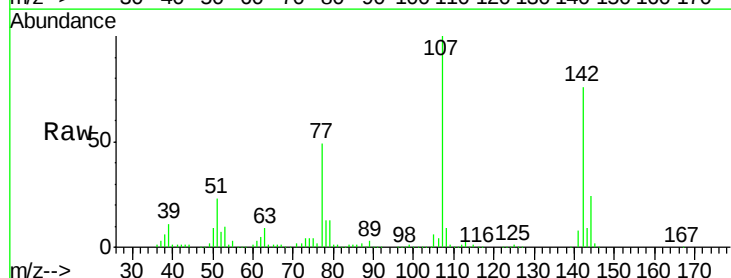
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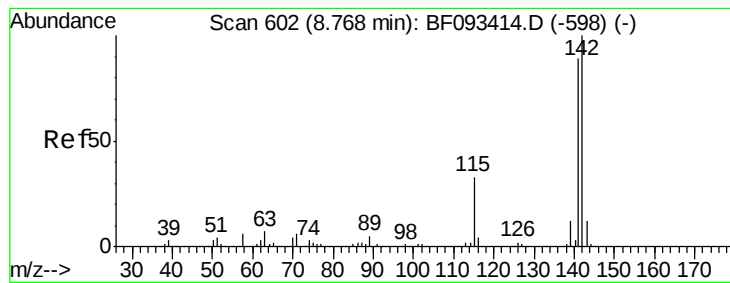
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#36
 4-Chloro-3-methylphenol
 Concen: 40.77 ng
 RT: 8.63 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.3	28.9
142	76.1	59.0	88.6





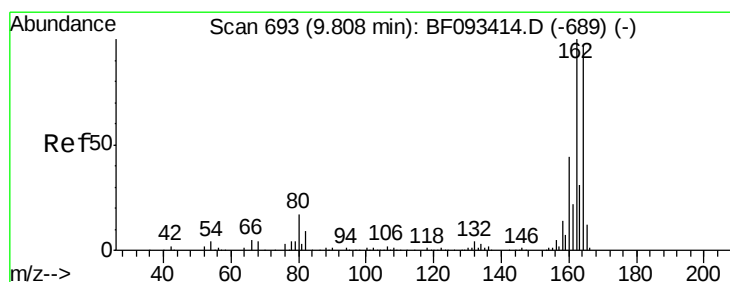
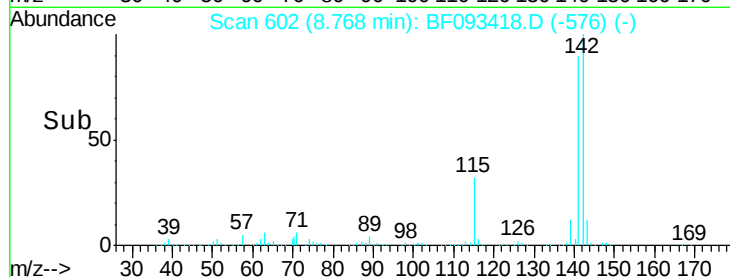
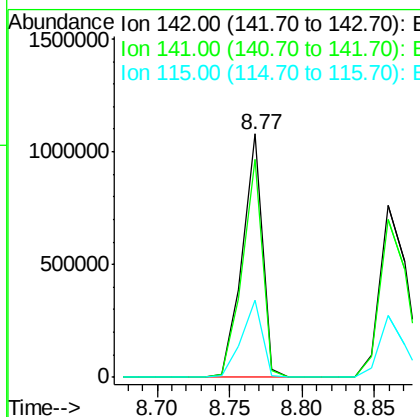
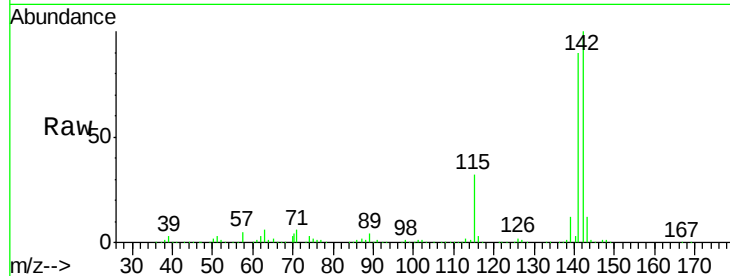
#37
2-Methylnaphthalene
Concen: 40.77 ng
RT: 8.77 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.6
115	32.0	28.3	42.5

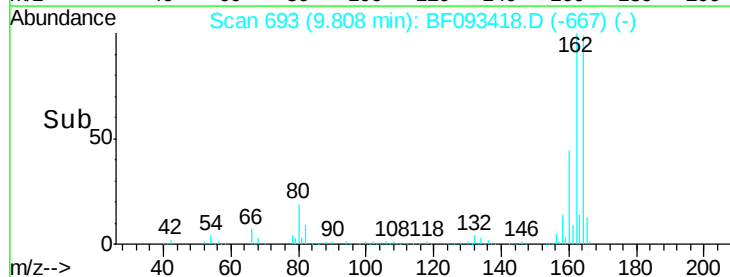
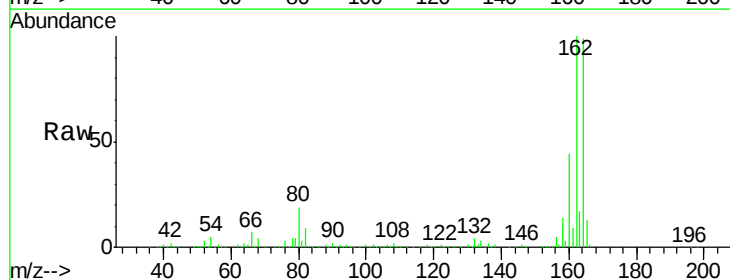
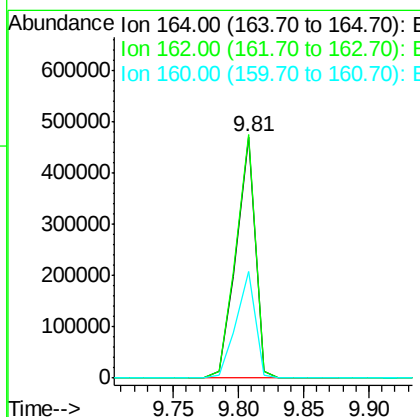
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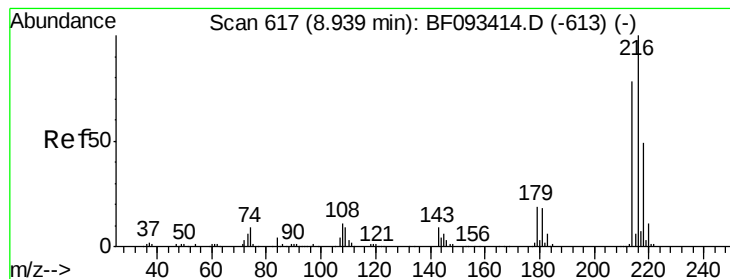
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	44.3	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.97 ng

RT: 8.94 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

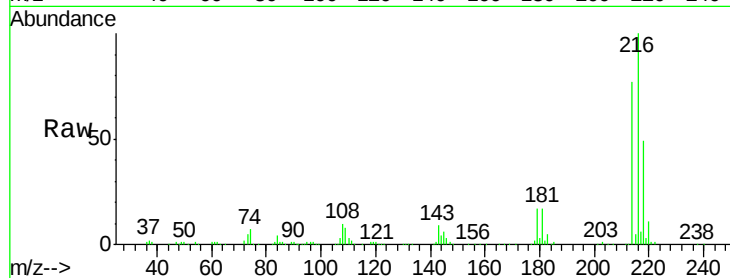
ClientSampleId :

ICVBF030717

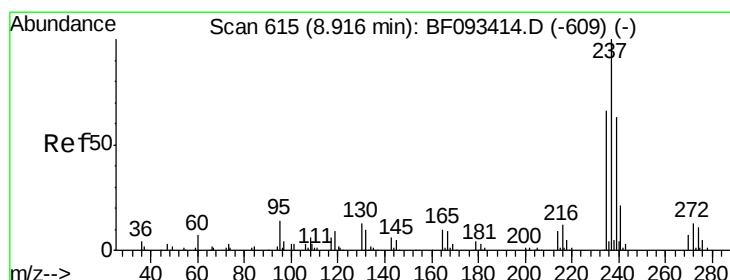
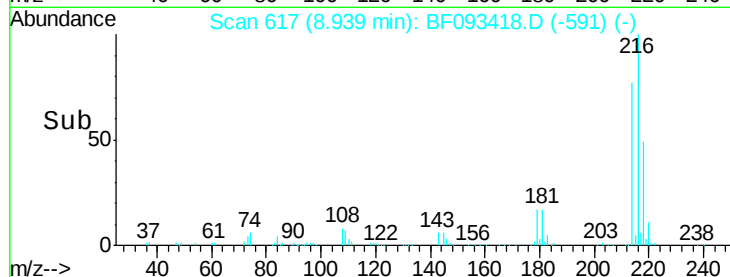
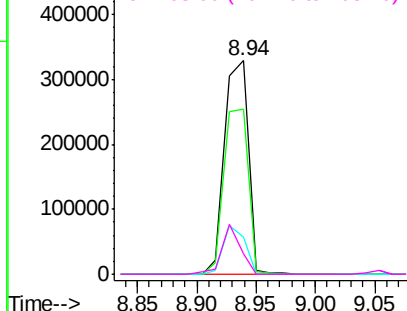
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		456755		
214	79.4		63.4	95.0	
179	21.0		17.4	26.2	
108	18.3		15.6	23.4	

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 35.42 ng

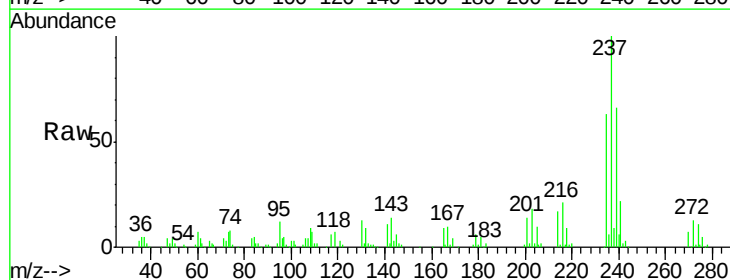
RT: 8.92 min Scan# 615

Delta R.T. -0.00 min

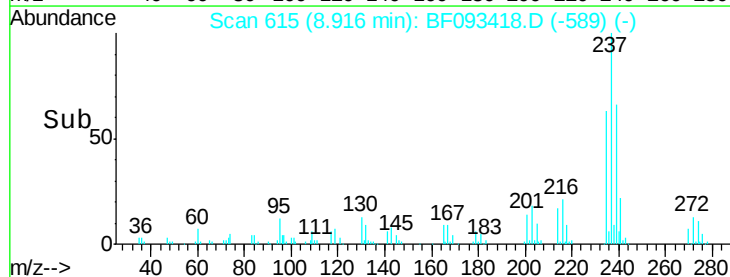
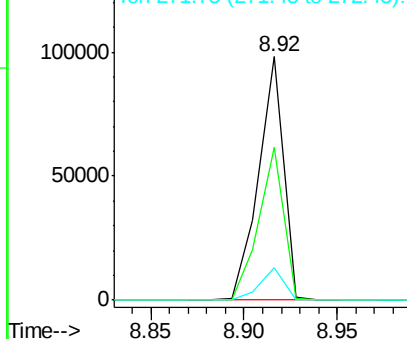
Lab File: BF093418.D

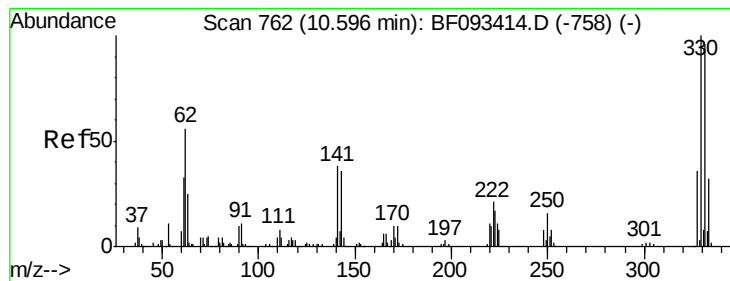
Acq: 7 Mar 2017 14:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		90578		
235	62.9		41.2	81.2	
272	13.1		0.0	35.4	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





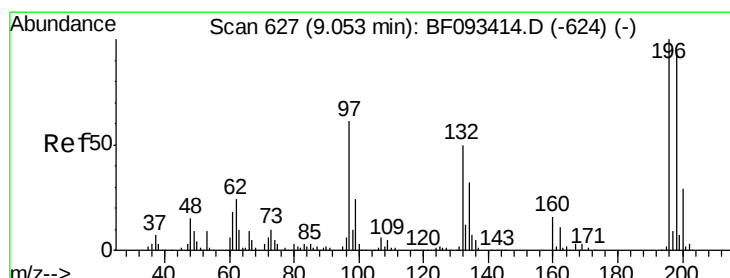
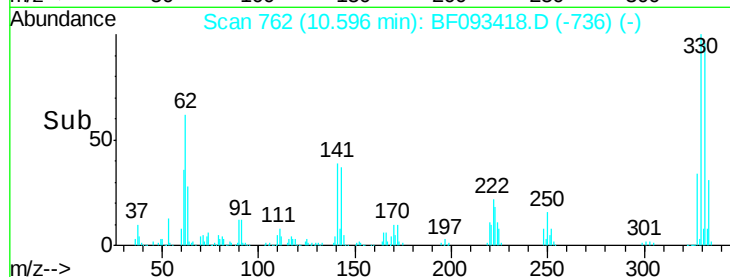
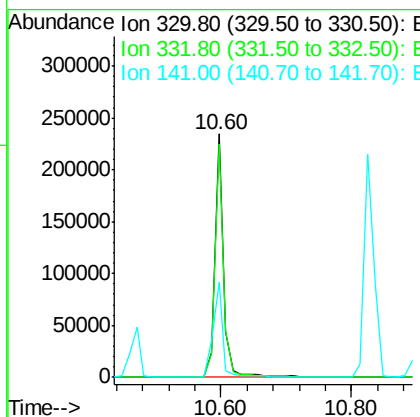
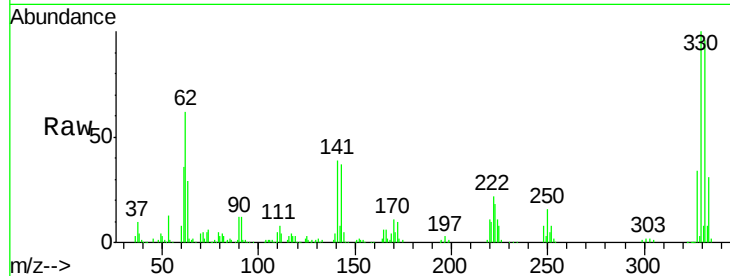
#41
 2,4,6-Tribromophenol
 Concen: 72.40 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

Tot Ion	Ratio	Resp	Lower	Upper
330	100	225638		
332	95.7	77.4	116.2	
141	44.9	34.1	51.1	

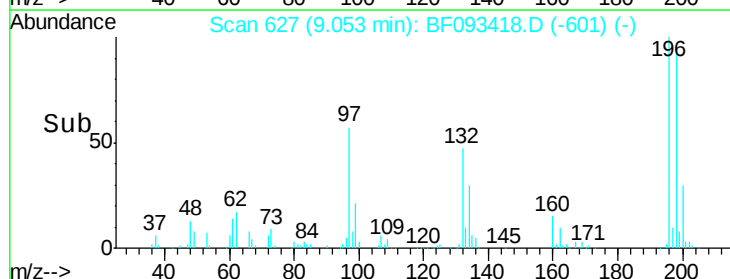
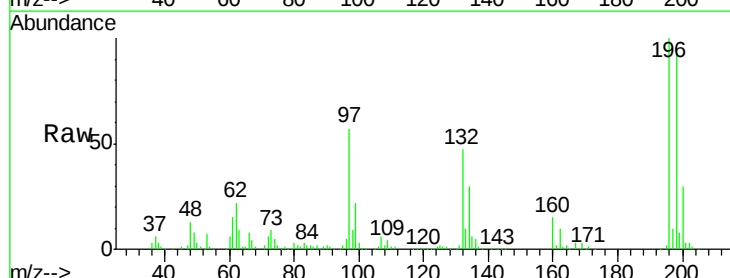
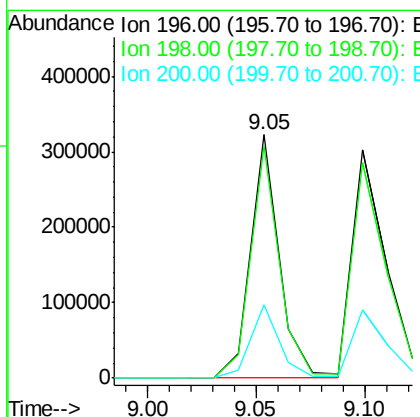
Manual Integrations
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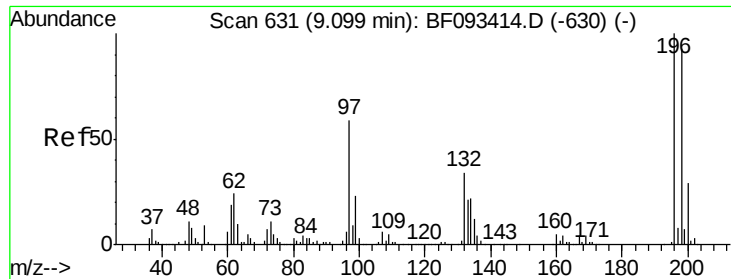
mohammad
 3/8/2017 1:45:36 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.49 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	297744		
198	95.4	82.1	123.1	
200	29.9	27.0	40.4	





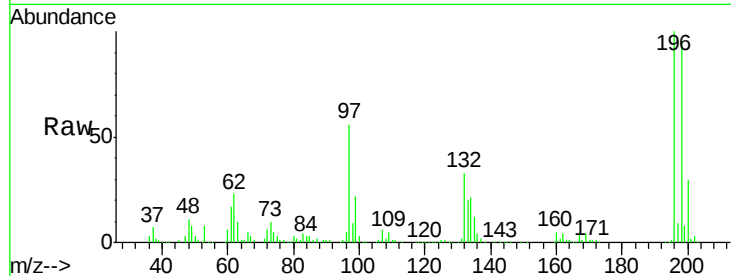
#43
 2,4,5-Trichlorophenol
 Concen: 38.22 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

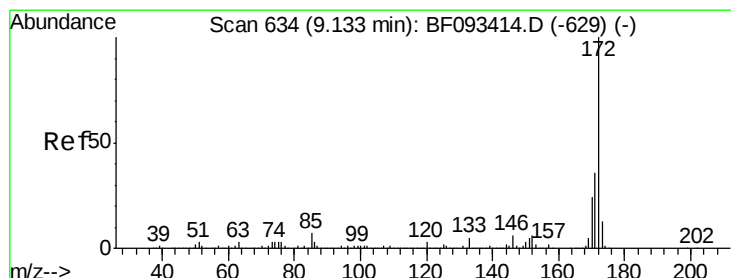
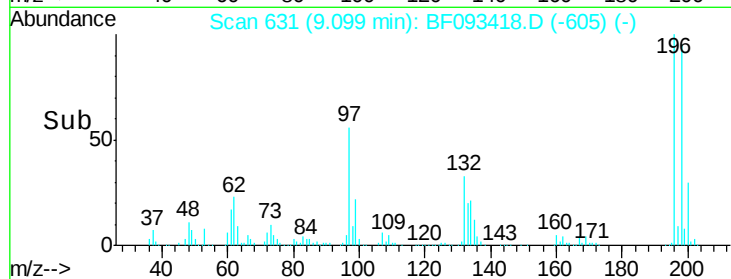
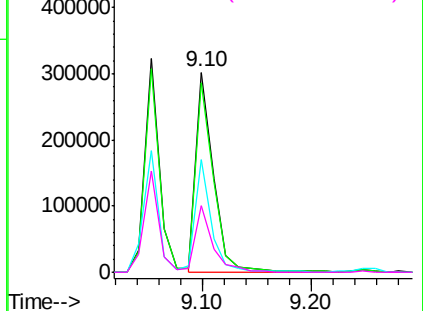
Tot Ion:	196	Resp:	334649
Ion Ratio	Lower	Upper	
196	100		
198	94.7	79.4	119.2
97	56.3	51.5	77.3
132	33.1	27.4	41.2

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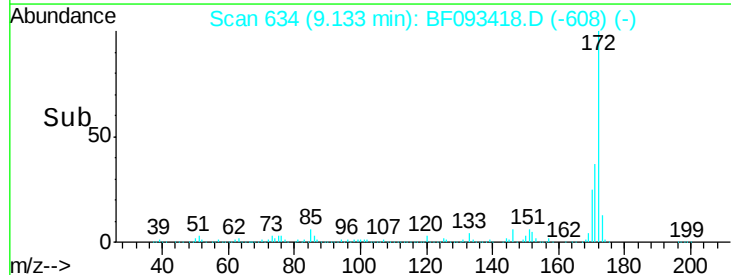
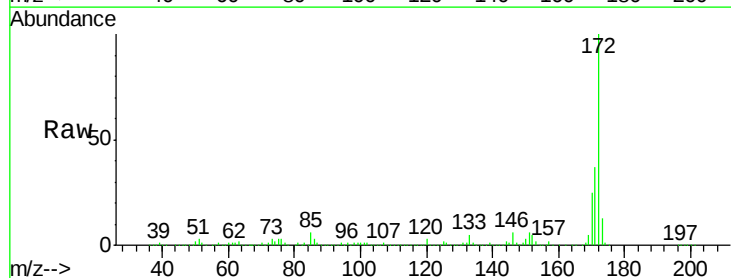
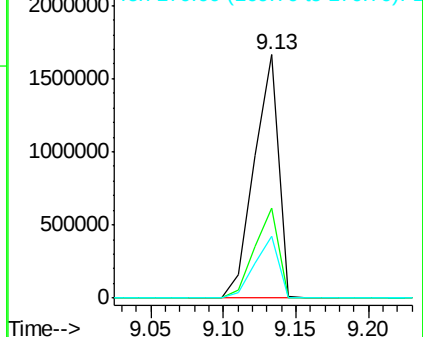
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

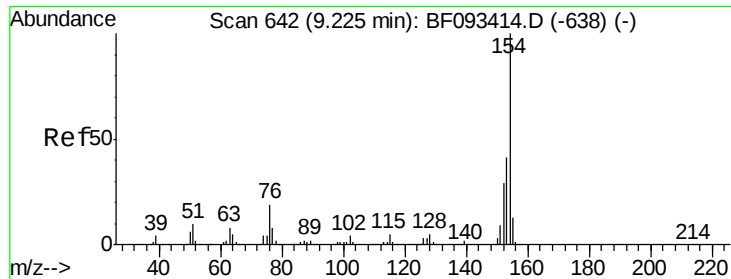


#44
 2-Fluorobiphenyl
 Concen: 75.12 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Tgt Ion:	172	Resp:	1931697
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.4	44.0
170	25.3	20.2	30.4

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





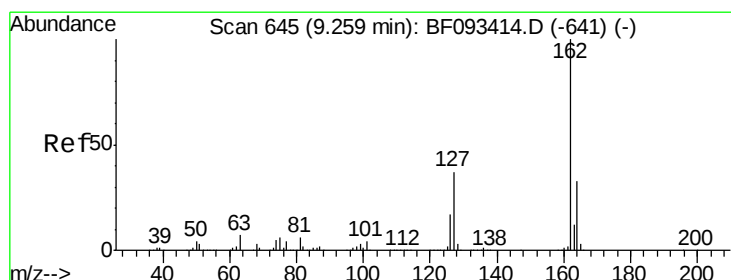
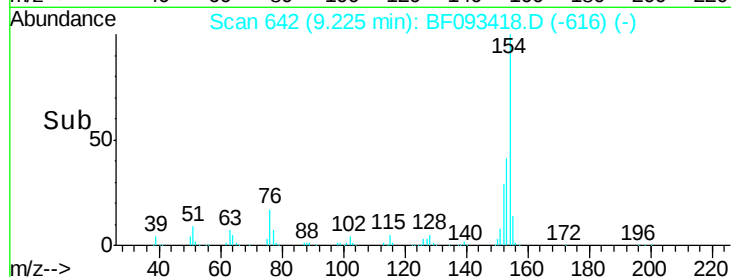
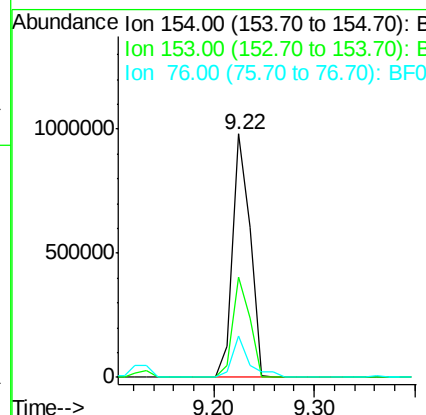
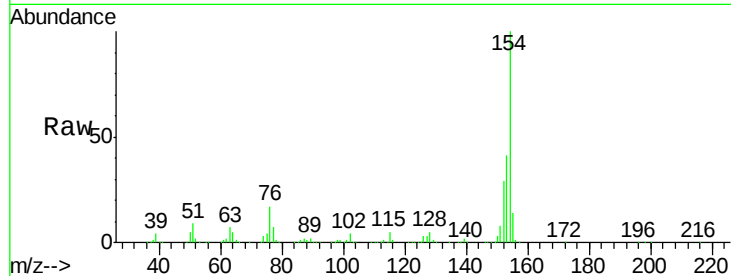
#45
 1,1'-Biphenyl
 Concen: 33.94 ng
 RT: 9.22 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.9	60.9
76	17.0	0.0	30.5

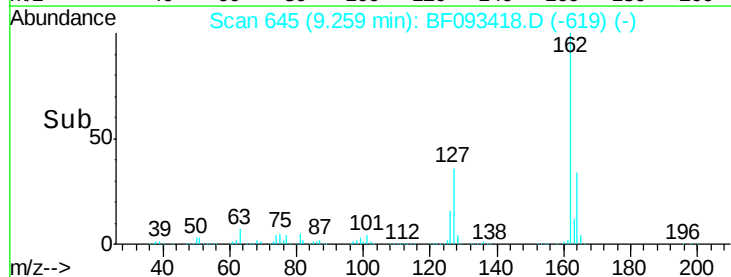
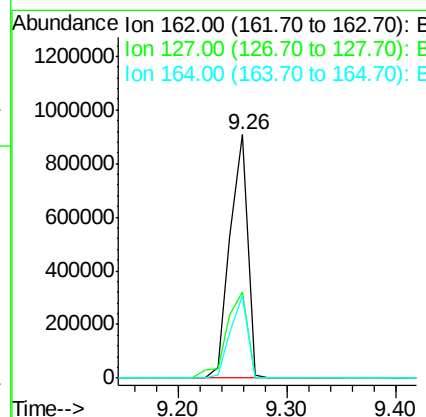
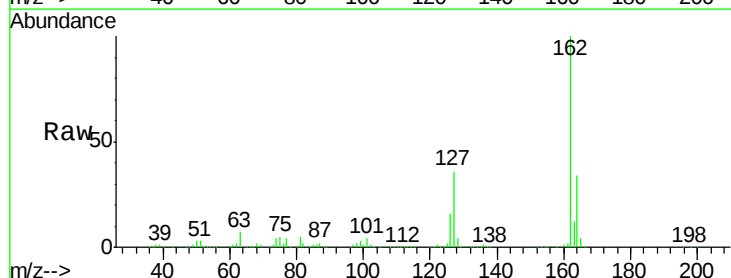
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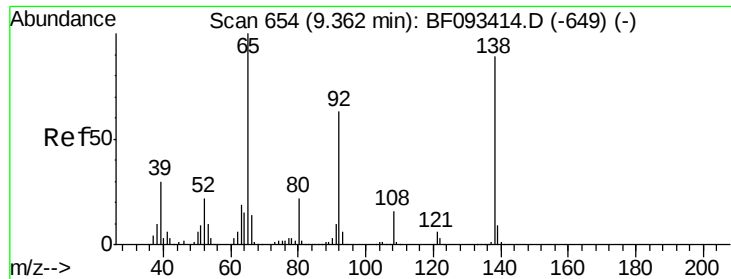
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#46
 2-Chloronaphthalene
 Concen: 38.39 ng
 RT: 9.26 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.5	30.7	46.1
164	33.8	27.6	41.4





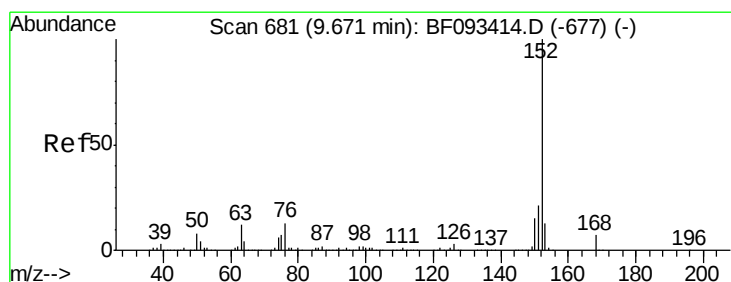
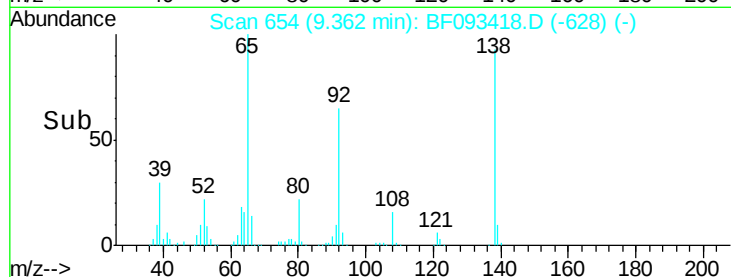
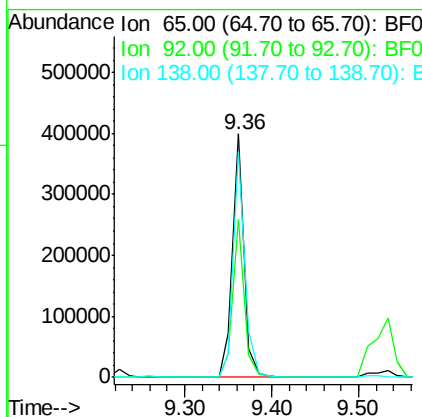
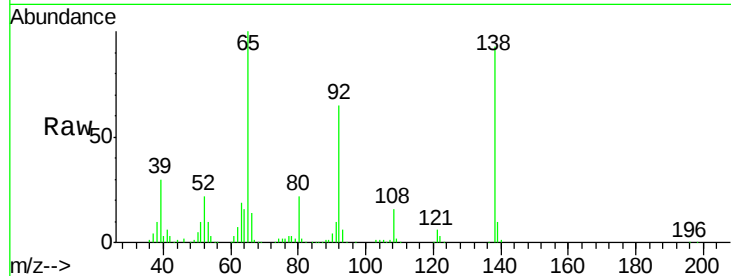
#47
2-Nitroaniline
Concen: 38.65 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.0	53.9	80.9
138	92.6	76.8	115.2

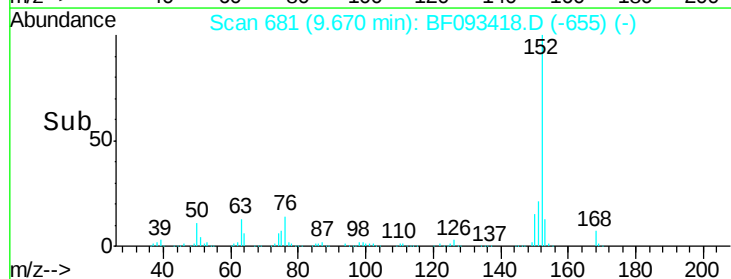
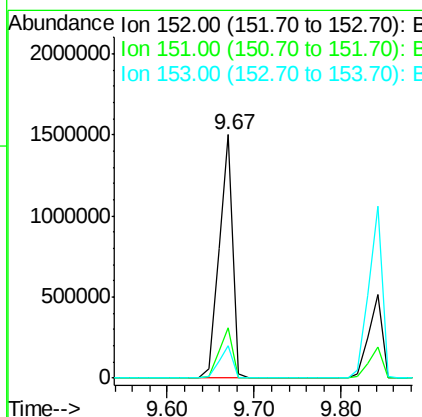
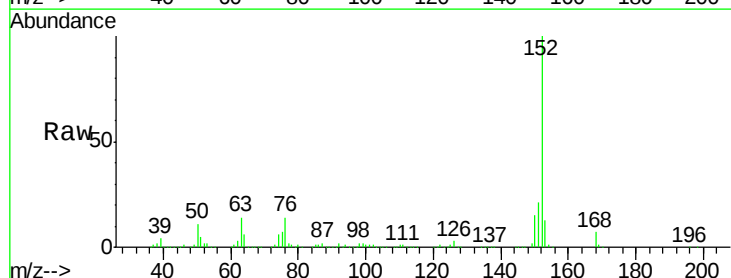
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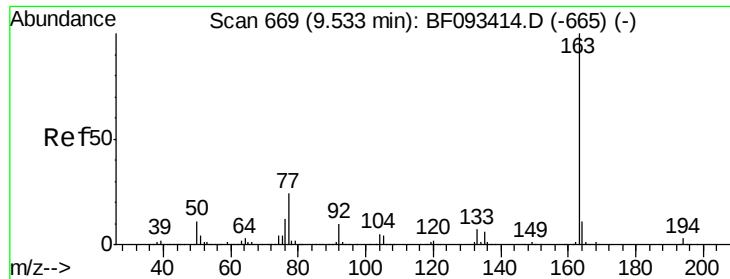
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#48
Acenaphthylene
Concen: 37.48 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.5	11.4	17.2





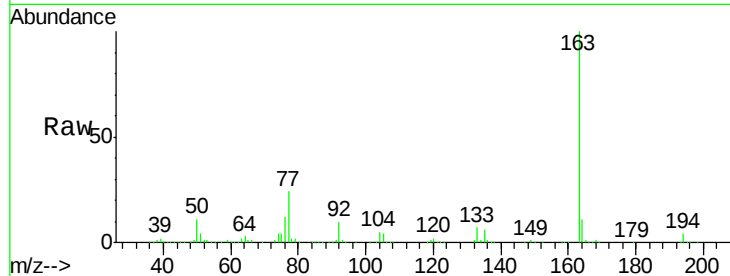
#49
Dimethylphthalate
Concen: 36.11 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

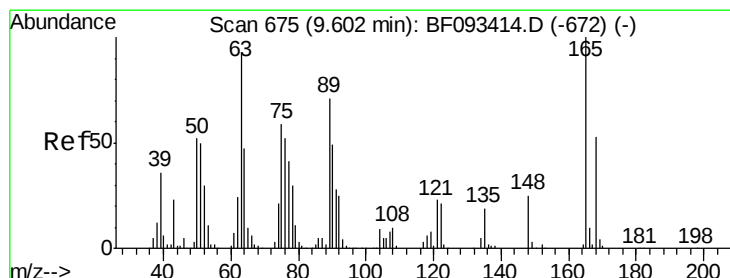
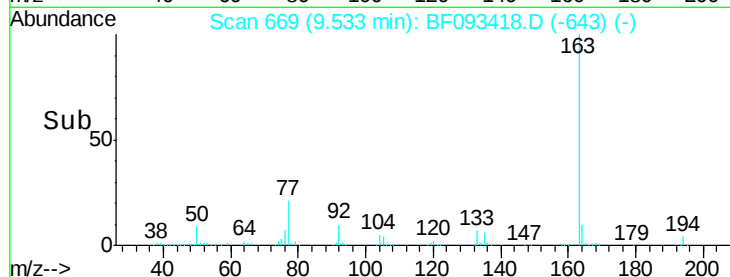
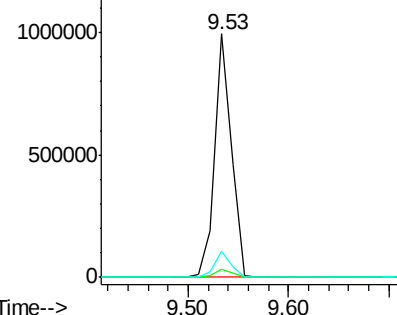
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.6	8.0	12.0

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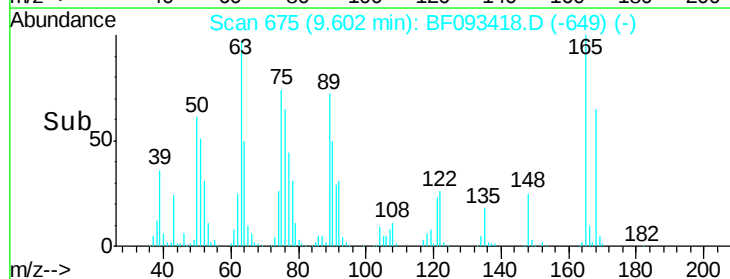
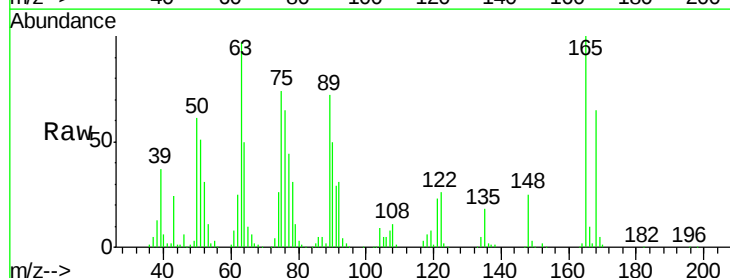
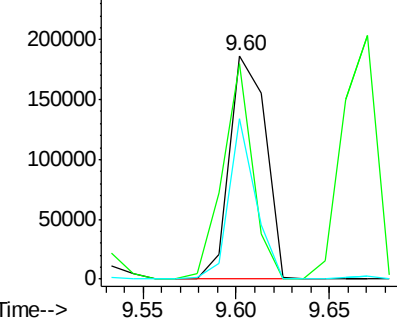
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

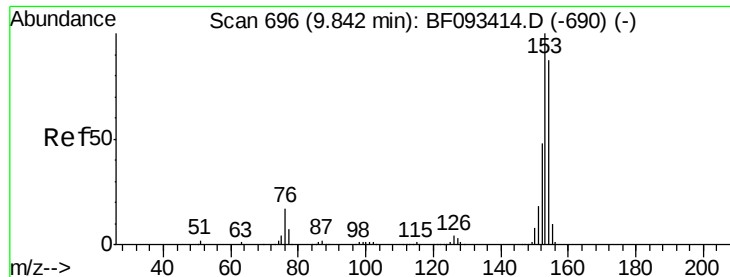


#50
2,6-Dinitrotoluene
Concen: 35.93 ng
RT: 9.60 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	96.7	36.2	54.4#
89	71.6	40.2	60.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.75 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

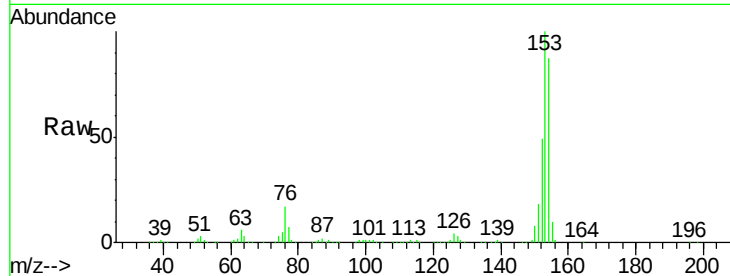
ClientSampleId :

ICVBF030717

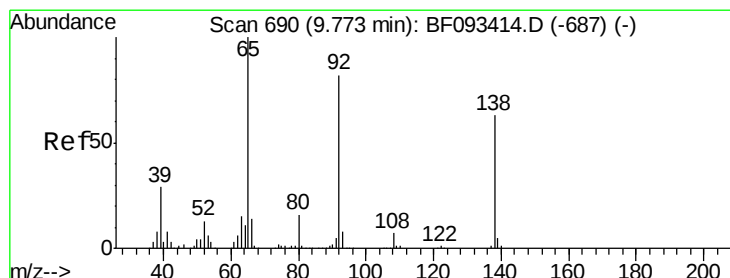
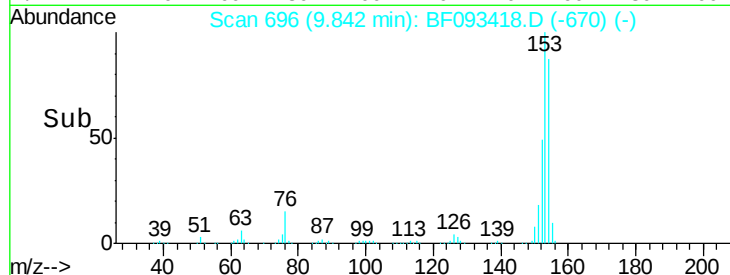
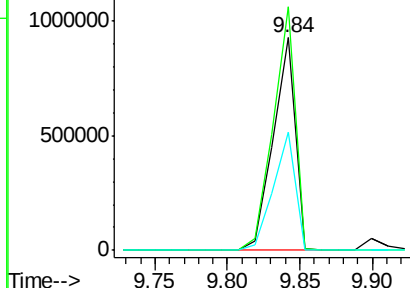
Tot Ion:	154	Resp:	982043
Ion Ratio	Lower	Upper	
154	100		
153	114.4	88.6	133.0
152	55.7	41.6	62.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.84 ng

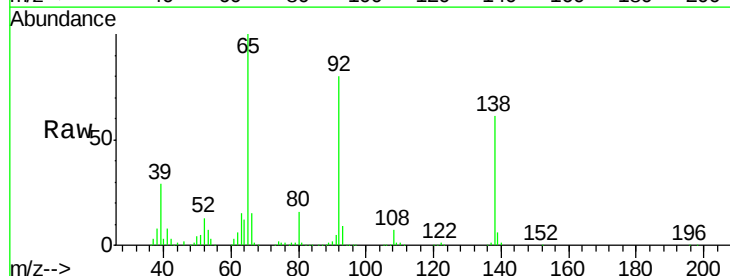
RT: 9.77 min Scan# 690

Delta R.T. -0.00 min

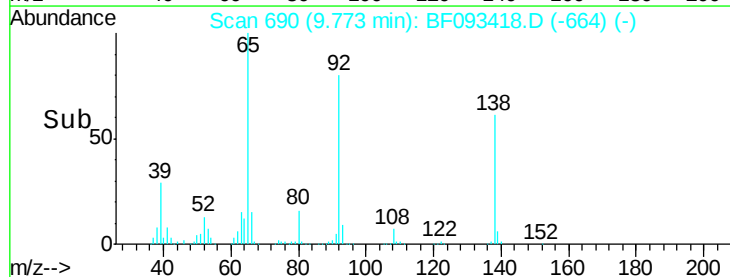
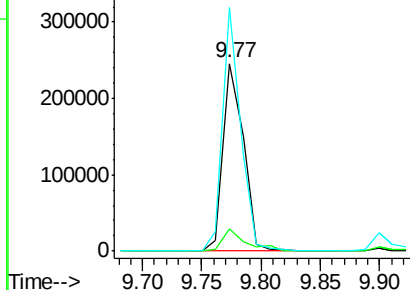
Lab File: BF093418.D

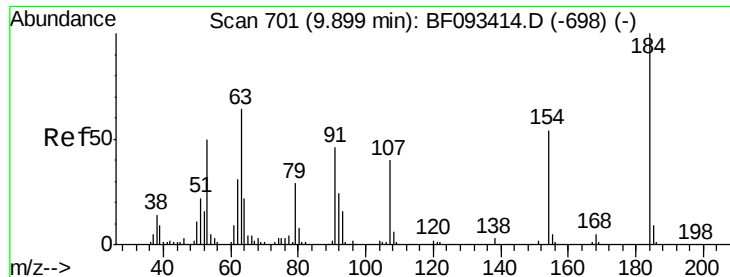
Acq: 7 Mar 2017 14:15

Tgt Ion:	138	Resp:	291267
Ion Ratio	Lower	Upper	
138	100		
108	11.6	8.5	12.7
92	129.9	97.8	146.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





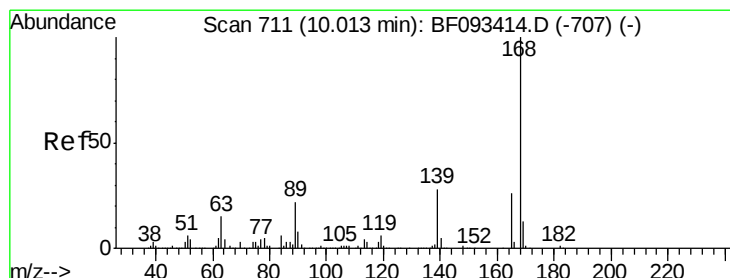
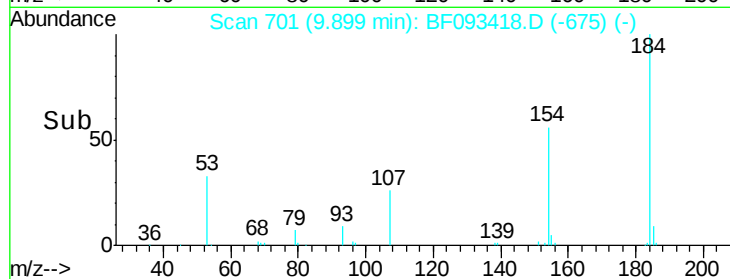
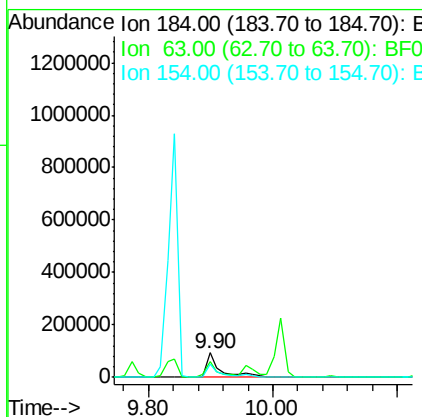
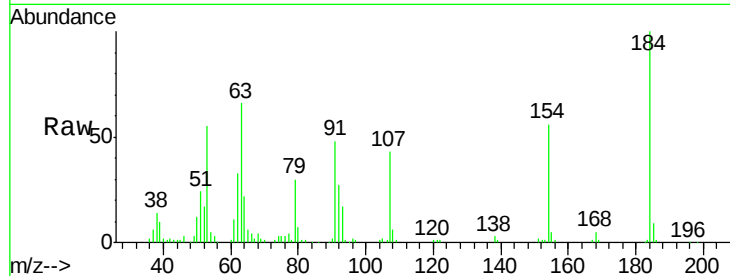
#53
2,4-Dinitrophenol
Concen: 46.10 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion	Ratio	Resp	Lower	Upper
184	100	146079		
63	65.7	28.4	42.6	#
154	56.1	44.3	66.5	

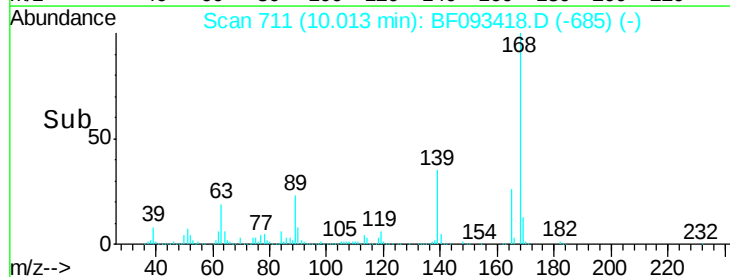
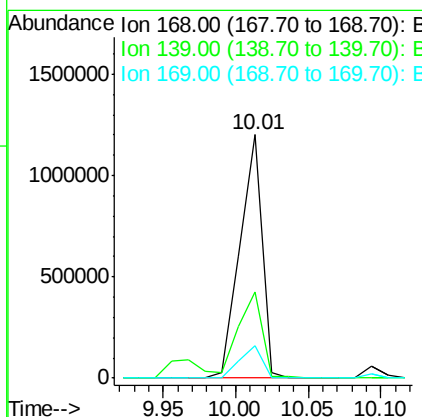
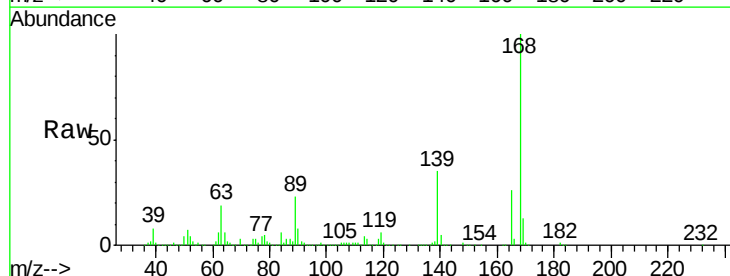
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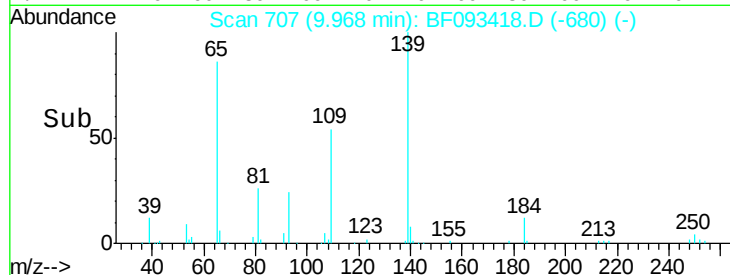
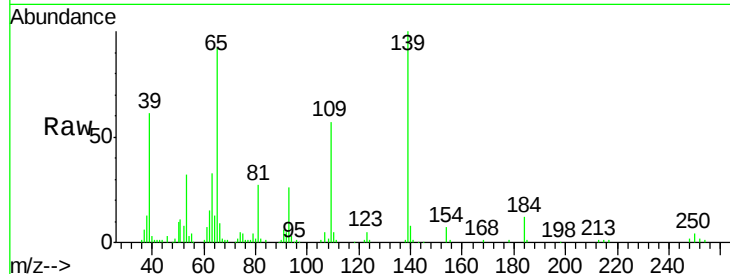
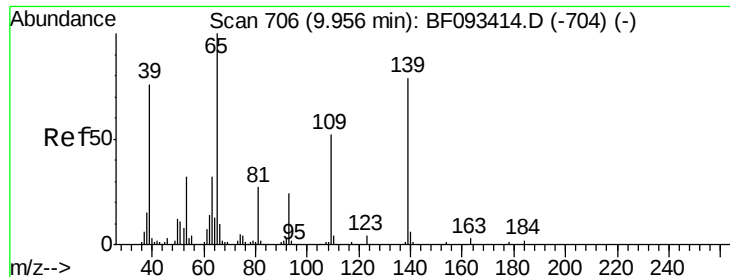
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#54
Dibenzofuran
Concen: 39.21 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1276768		
139	35.3	32.6	49.0	
169	13.2	11.3	16.9	





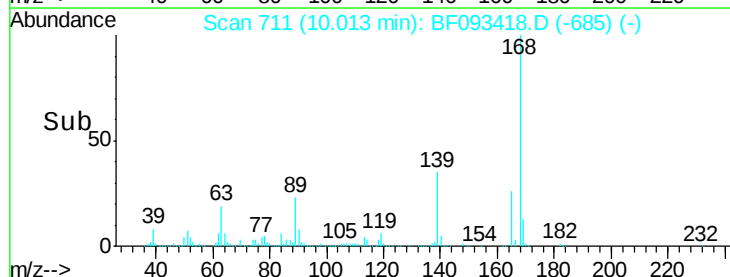
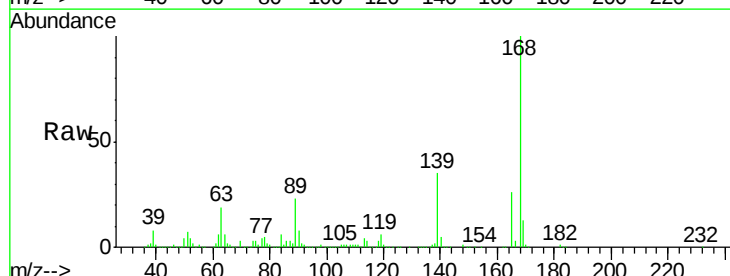
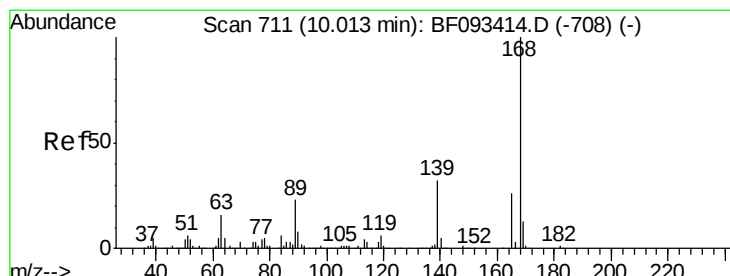
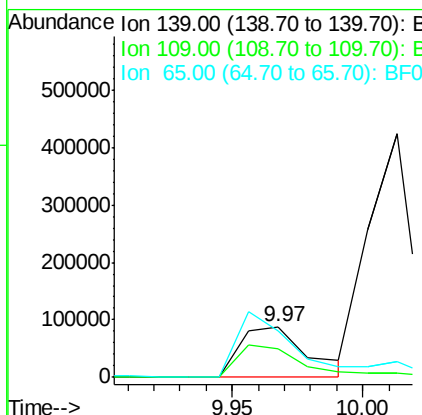
#55
4-Nitrophenol
Concen: 39.35 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tot Ion	Ratio	Resp	Lower	Upper
139	100	159780		
109	56.8	52.2	92.2	
65	91.8	85.8	125.8	

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

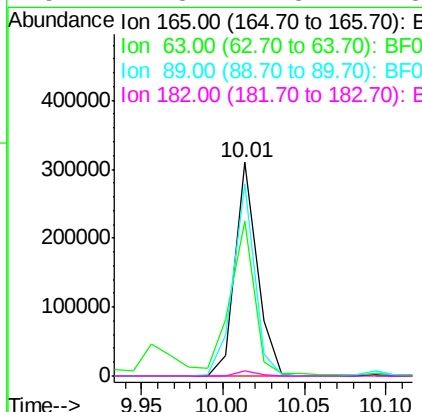
Manual Integrations
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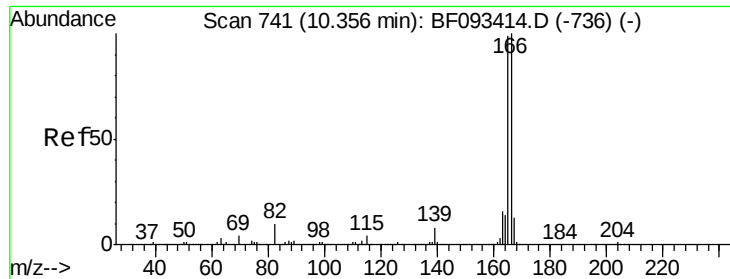
mohammad
3/8/2017 1:45:36 PM



#56
2,4-Dinitrotoluene
Concen: 33.90 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	289807		
63	72.6	40.2	60.4	#
89	89.7	62.5	93.7	
182	2.3	1.8	2.8	





#57

Fluorene

Concen: 39.50 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

Tot Ion:166 Resp: 1089718

Ion Ratio Lower Upper

166 100

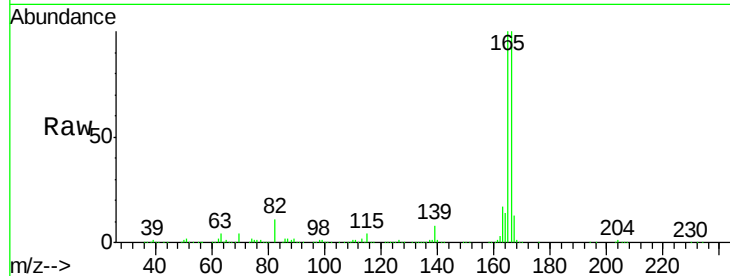
165 99.6 77.8 116.8

167 13.4 10.8 16.2

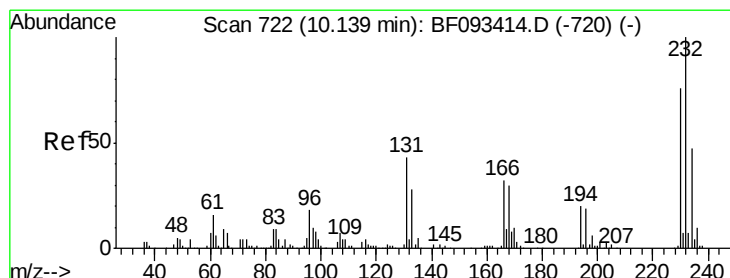
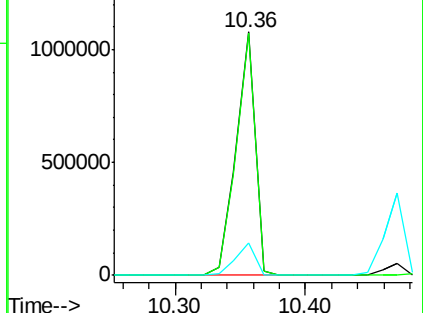
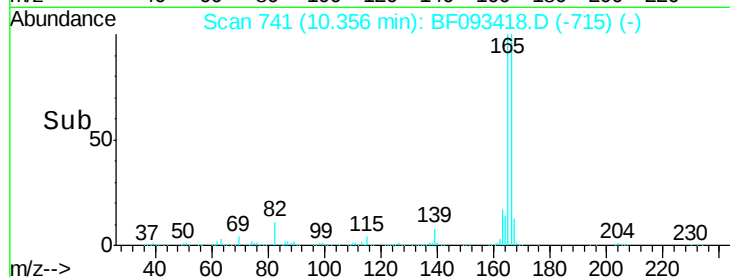
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.96 ng

RT: 10.14 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Tgt Ion:232 Resp: 246941

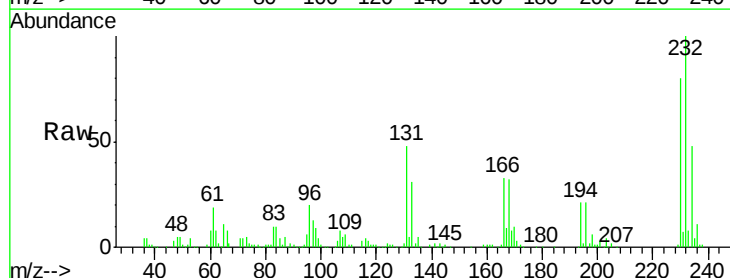
Ion Ratio Lower Upper

232 100

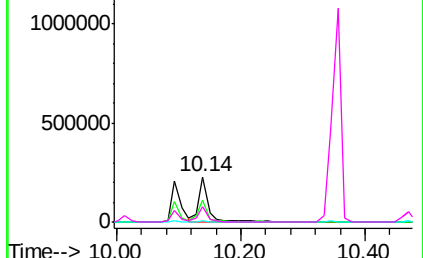
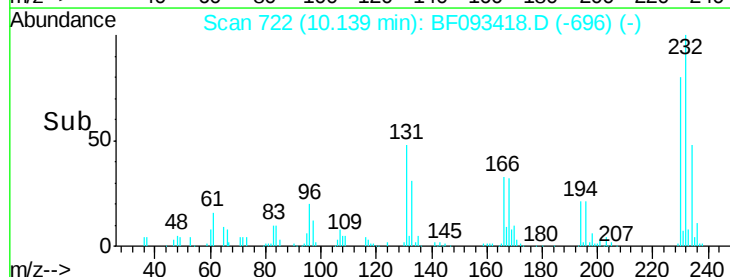
131 47.8 40.1 60.1

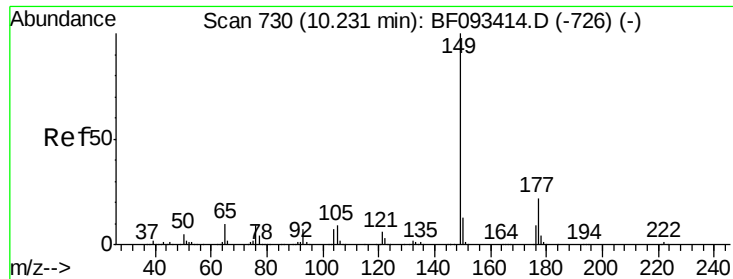
130 2.2 1.8 2.8

166 29.8 26.6 39.8



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





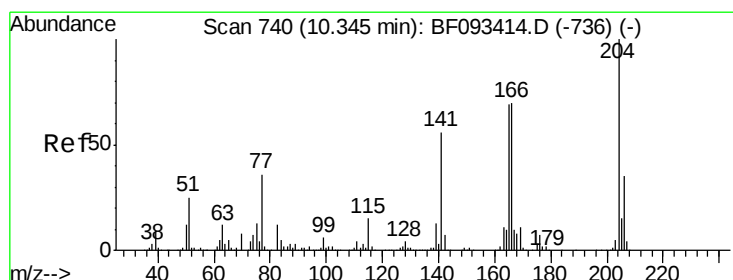
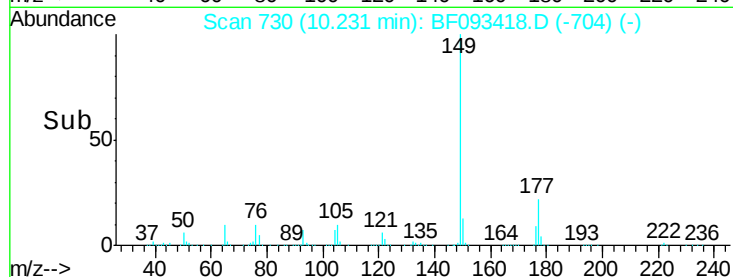
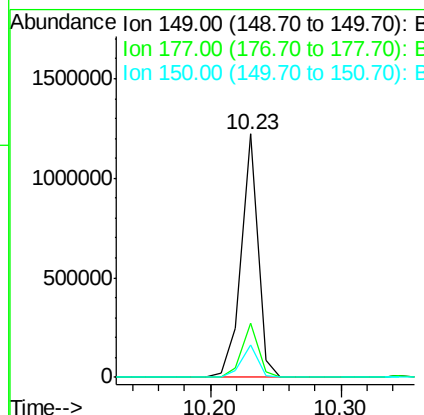
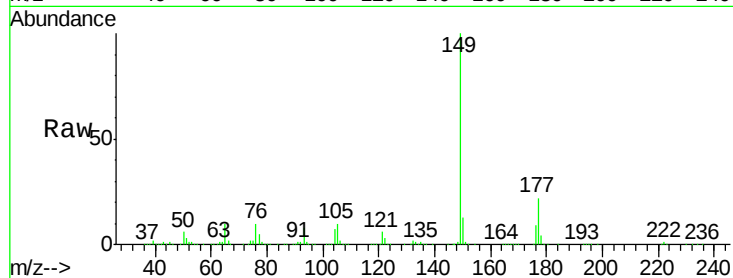
#59
Diethylphthalate
Concen: 35.75 ng
RT: 10.23 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion:149 Resp: 1083605
Ion Ratio Lower Upper
149 100
177 22.1 16.6 25.0
150 13.1 10.4 15.6

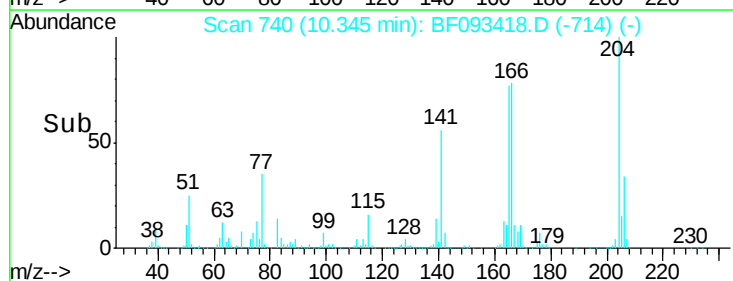
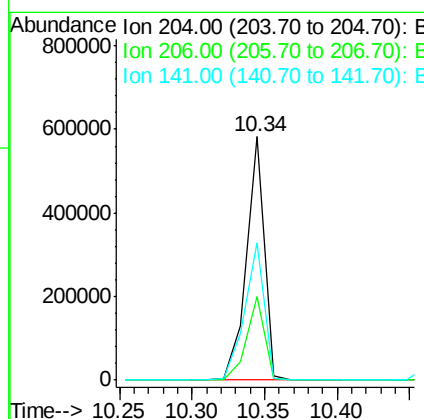
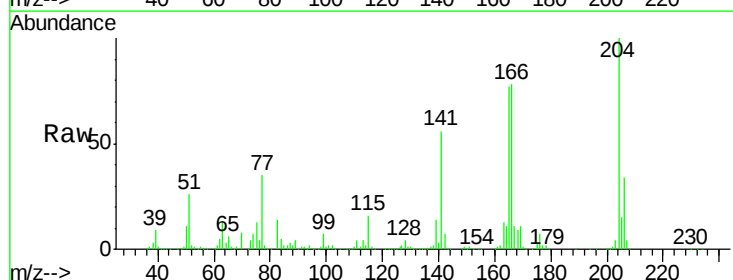
Manual Integrations
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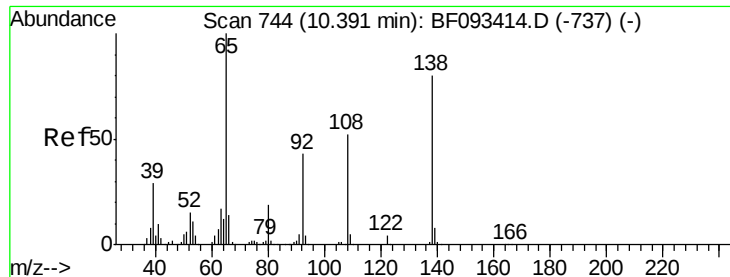
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 40.28 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion:204 Resp: 498104
Ion Ratio Lower Upper
204 100
206 34.4 25.8 38.6
141 56.4 59.4 89.0#





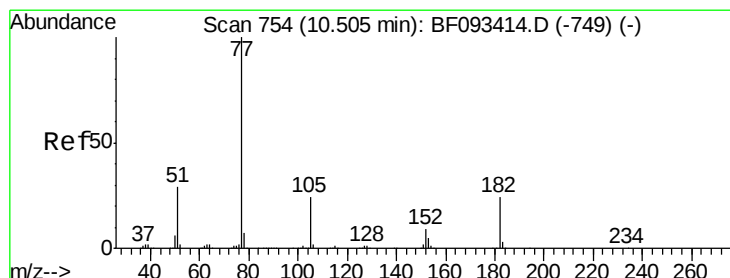
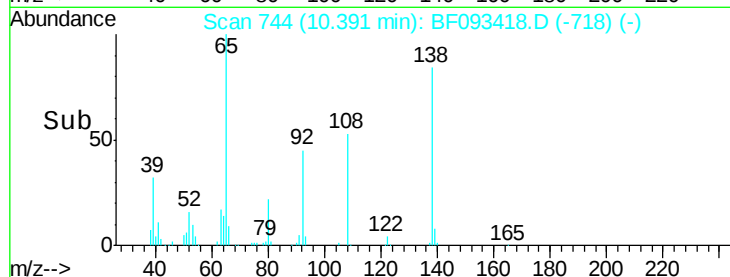
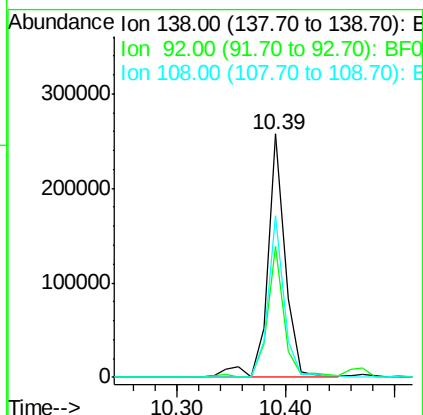
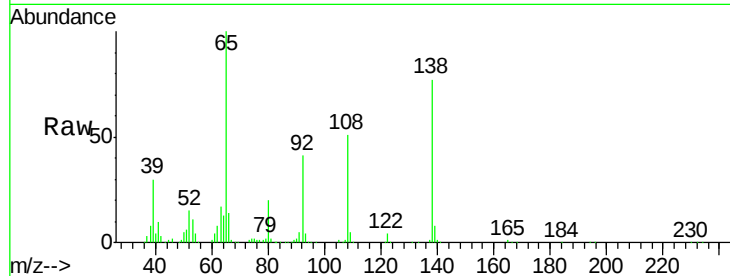
#61
4-Nitroaniline
Concen: 34.33 ng
RT: 10.39 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.8	31.7	71.7
108	66.2	52.6	92.6

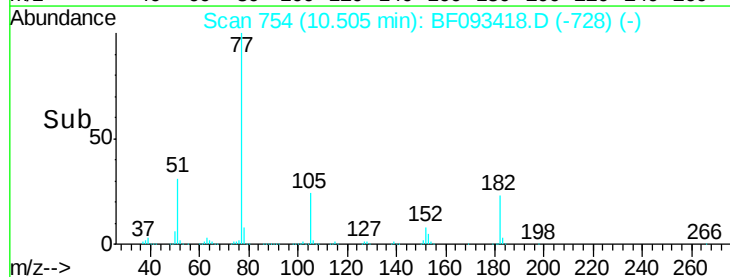
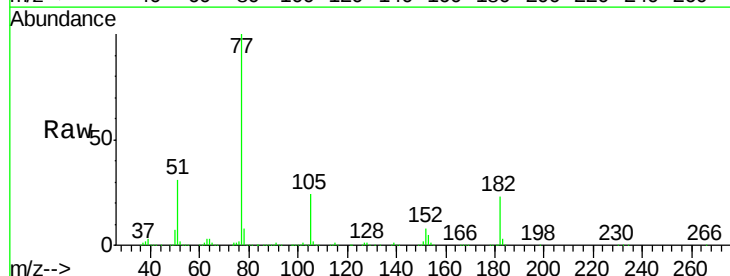
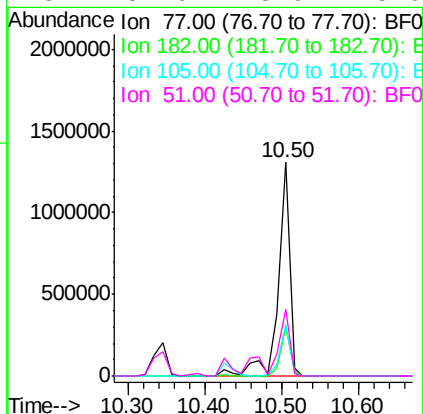
Manual Integrations
APPROVED

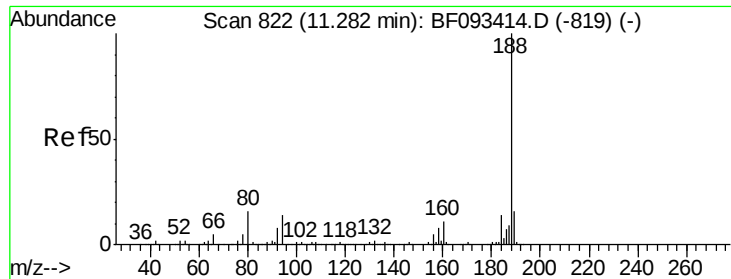
mohammad
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#62
Azobenzene
Concen: 39.55 ng
RT: 10.50 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.8	0.0	39.3
105	24.0	2.3	42.3
51	31.0	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

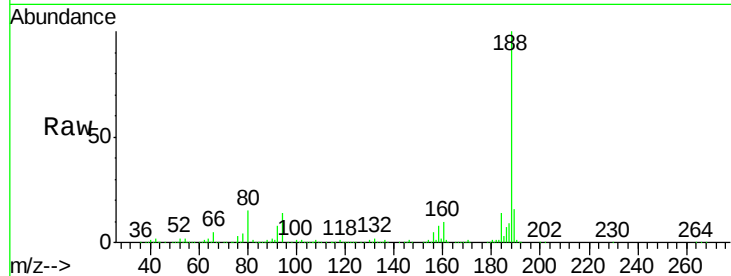
ClientSampleId :

ICVBF030717

Tot Ion:	188	Resp:	730318
Ion Ratio	Lower	Upper	
188	100		
94	14.4	10.0	15.0
80	15.4	11.2	16.8

Manual Integrations
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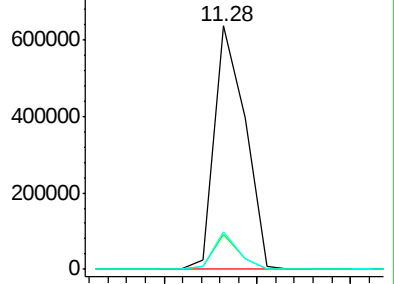
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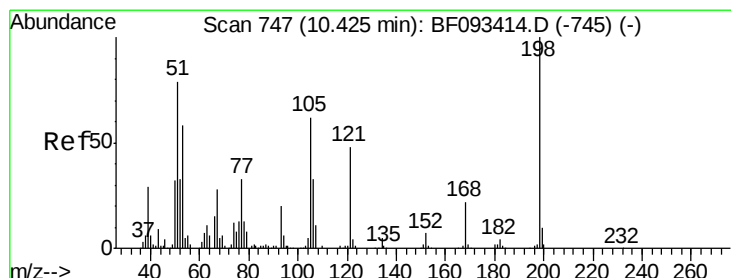
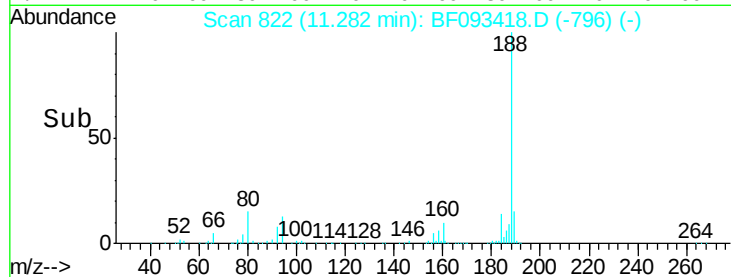
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 40.44 ng

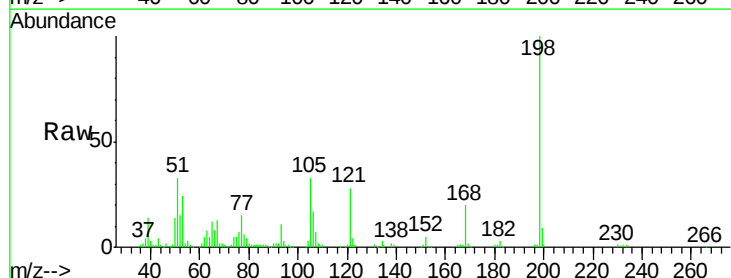
RT: 10.44 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

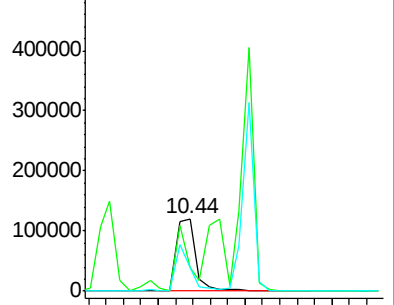
Tgt Ion:	198	Resp:	191331
Ion Ratio	Lower	Upper	
198	100		
51	33.1	6.7	46.7
105	32.9	16.6	56.6



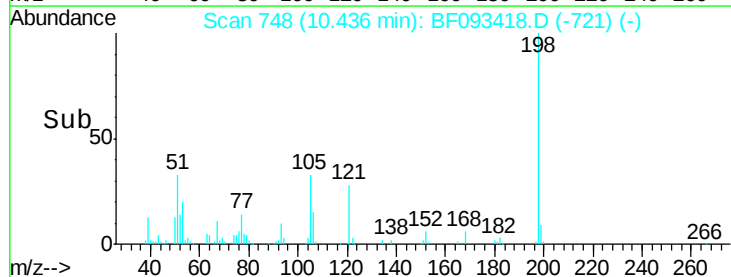
Abundance Ion 198.00 (197.70 to 198.70): E

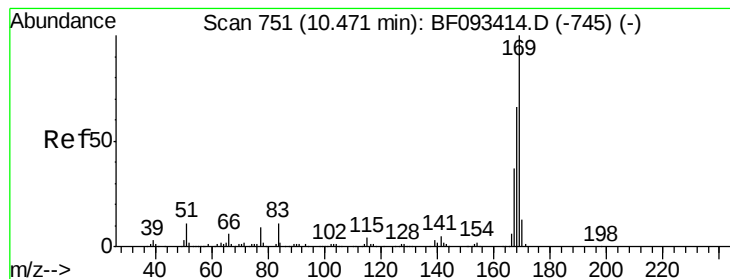
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





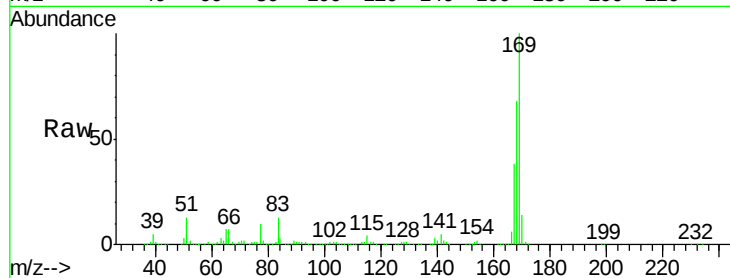
#65
n-Nitrosodiphenylamine
Concen: 40.66 ng
RT: 10.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion	Ratio	Resp	Lower	Upper
169	100	991589		
168	68.0		54.2	81.2
167	37.9		30.2	45.4

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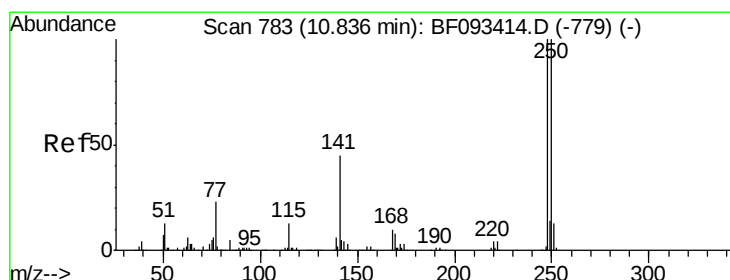
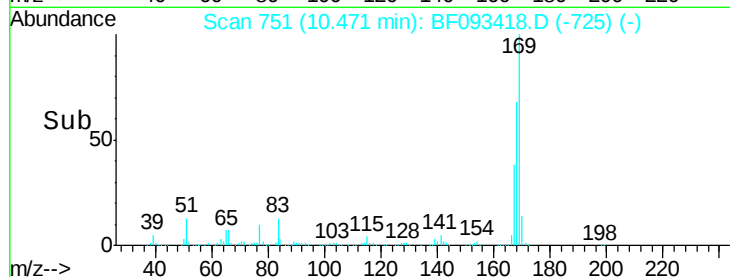
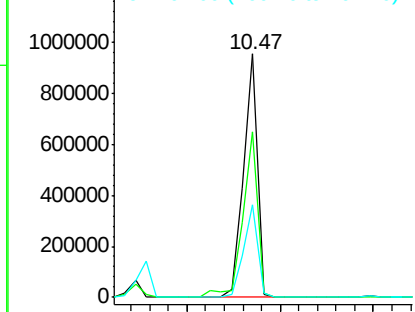


Abundance

Ion 169.00 (168.70 to 169.70): E

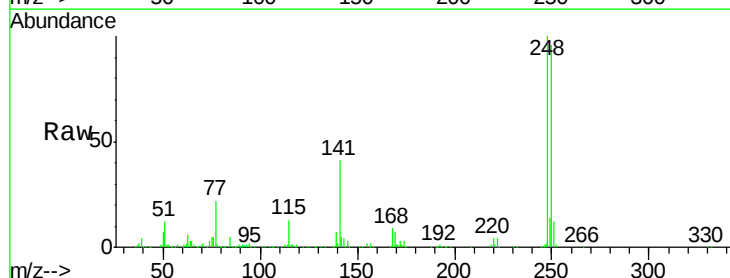
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 38.21 ng
RT: 10.84 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	295056		
250	95.9		76.9	115.3
141	40.8		68.2	102.4#

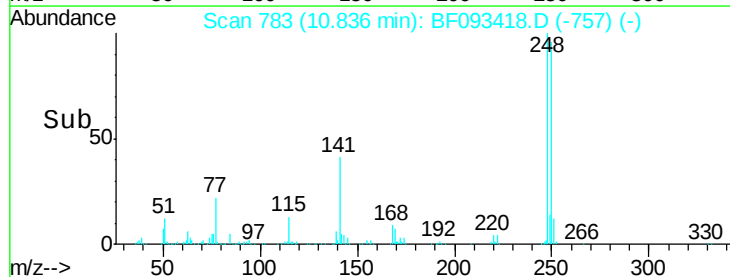
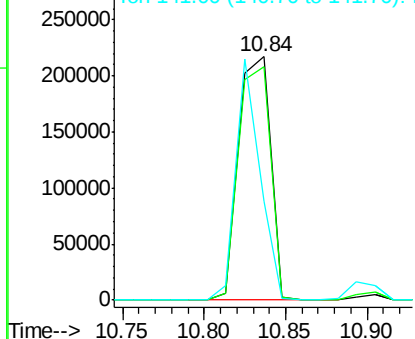


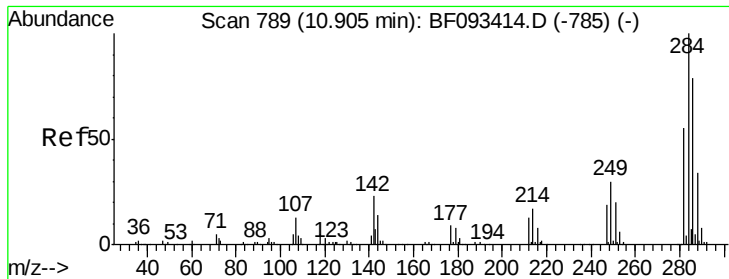
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





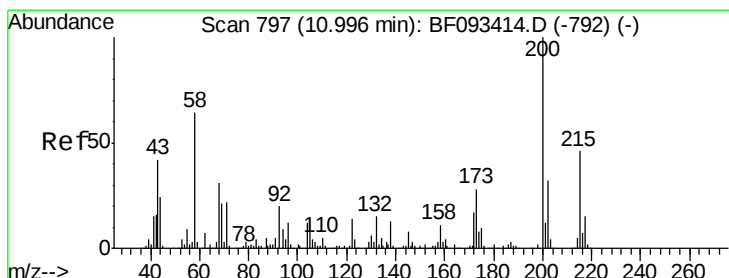
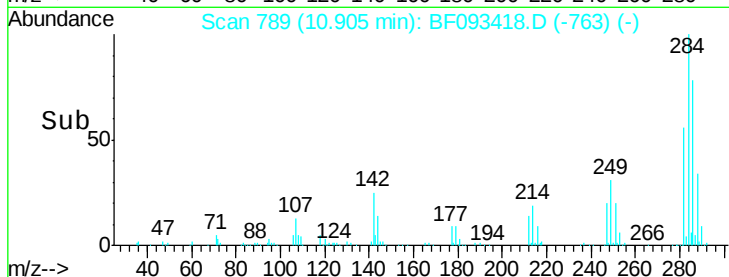
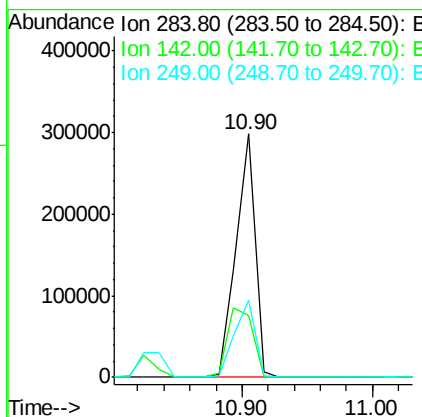
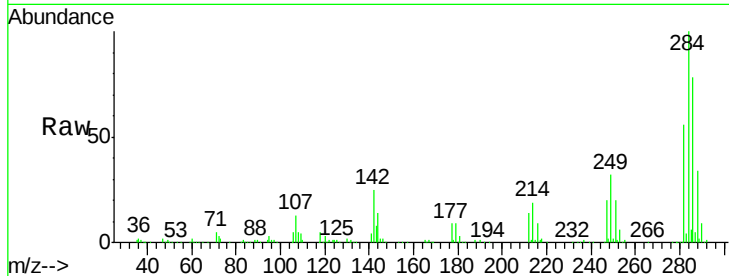
#67
Hexachlorobenzene
Concen: 40.98 ng
RT: 10.90 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion	Ratio	Resp	Lower	Upper
284	100	302218		
142	25.4		22.6	33.8
249	31.5		25.4	38.0

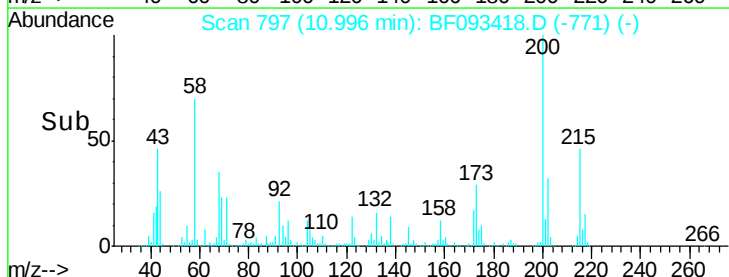
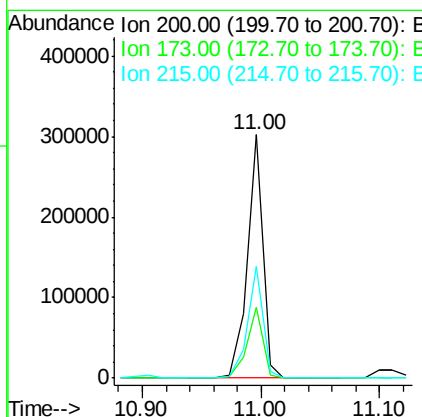
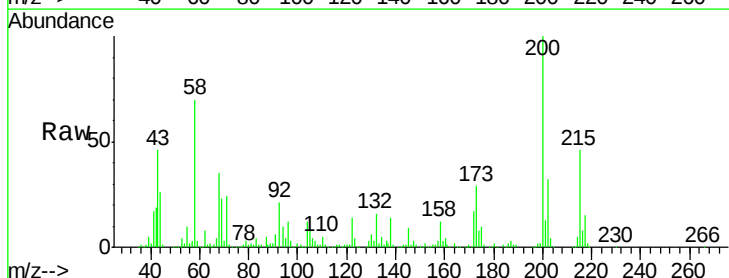
Manual Integrations
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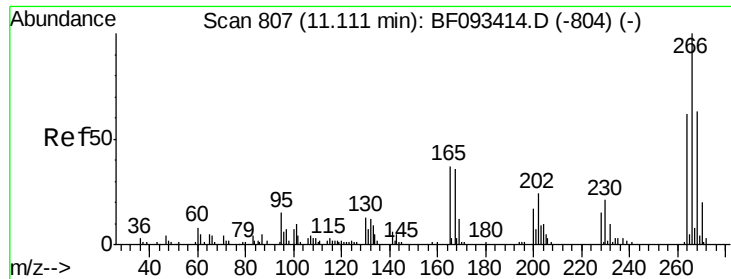
mohammad
3/8/2017 1:45:36 PM



#68
Atrazine
Concen: 38.89 ng
RT: 11.00 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	277545		
173	29.2		9.6	49.6
215	46.0		25.7	65.7





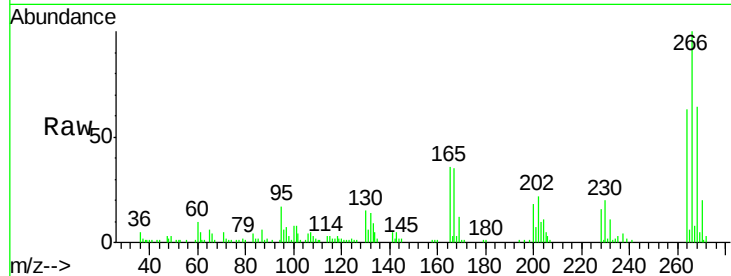
#69
 Pentachlorophenol
 Concen: 39.91 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

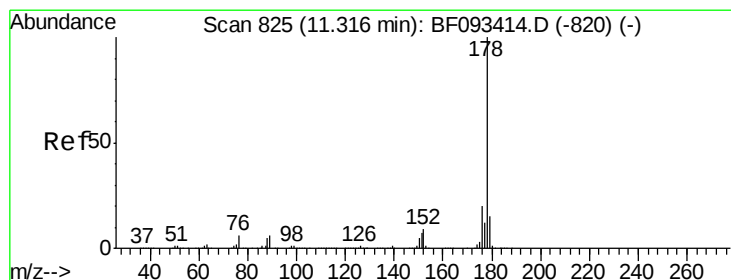
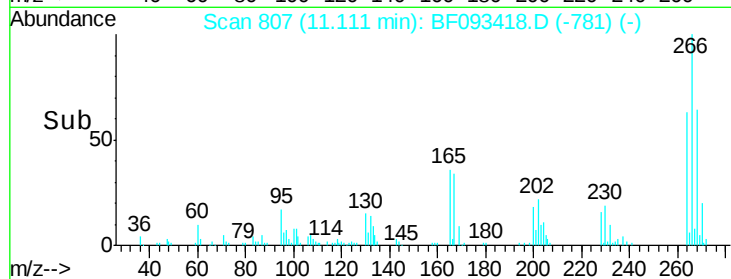
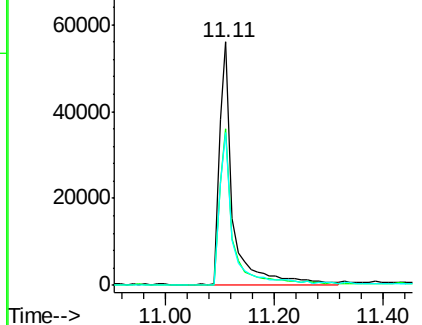
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	53.3	79.9
264	62.7	50.3	75.5

Manual Integrations
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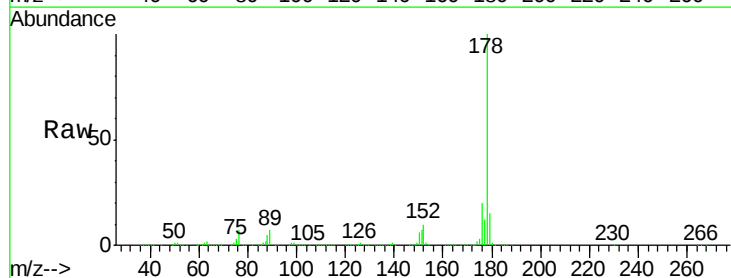


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

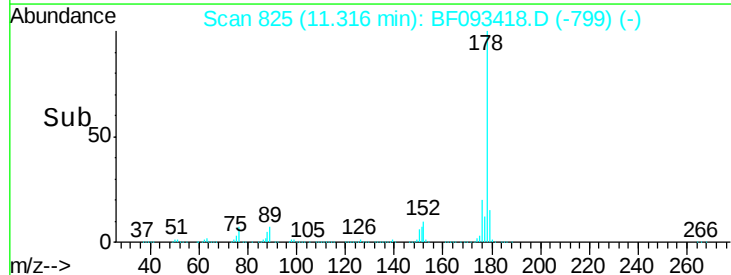
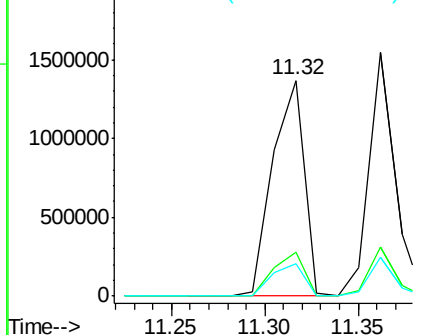


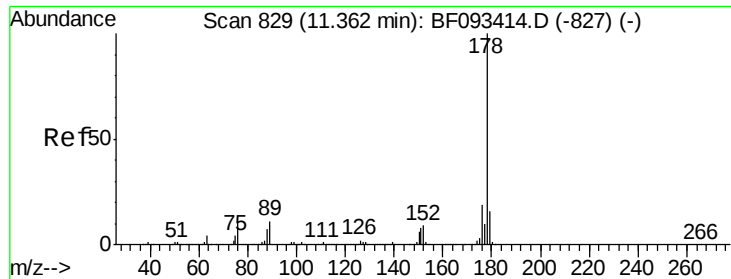
#70
 Phenanthrene
 Concen: 38.73 ng
 RT: 11.32 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.6	25.0
179	15.3	12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





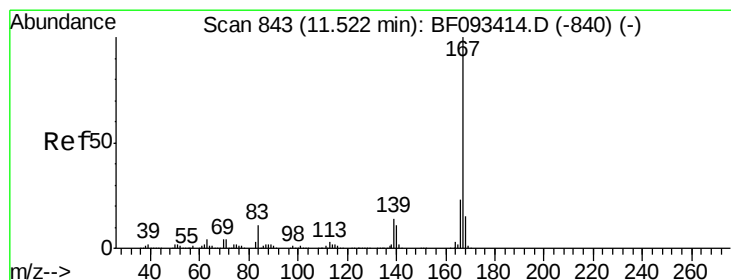
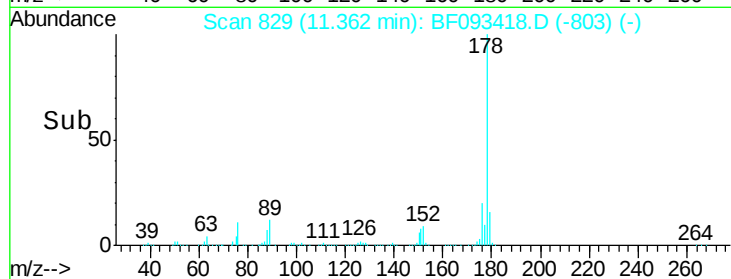
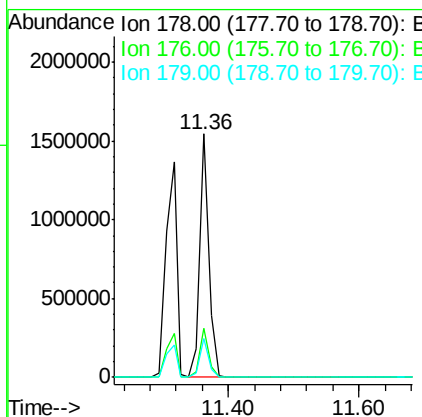
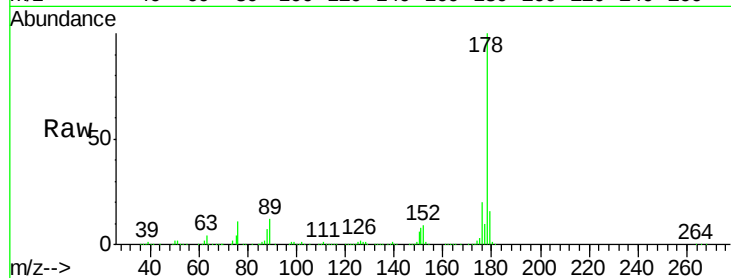
#71
 Anthracene
 Concen: 34.81 ng
 RT: 11.36 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

Tot Ion:178 Resp: 1467948
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 15.9 13.2 19.8

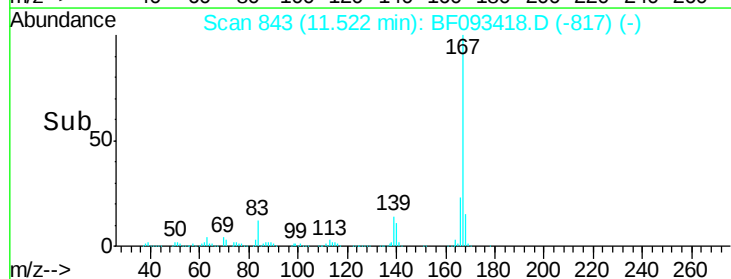
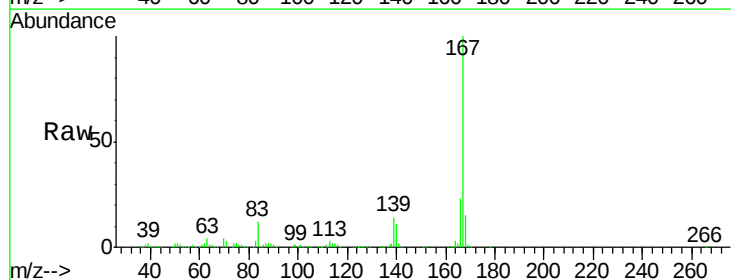
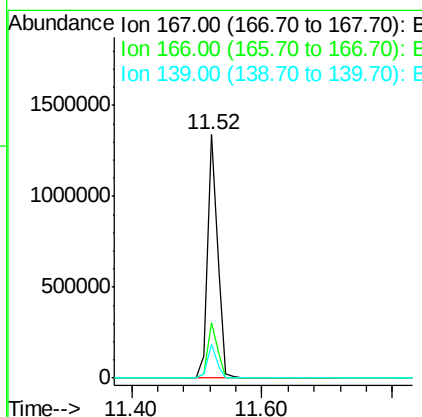
Manual Integrations
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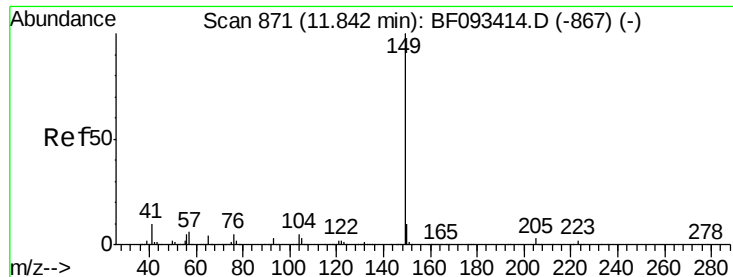
mohammad
 3/8/2017 1:45:36 PM



#72
 Carbazole
 Concen: 36.19 ng
 RT: 11.52 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Tgt Ion:167 Resp: 1433448
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 14.0 11.4 17.2





#73

Di-n-butylphthalate

Concen: 36.44 ng

RT: 11.84 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

Tot Ion:149 Resp: 1670237

Ion Ratio Lower Upper

149 100

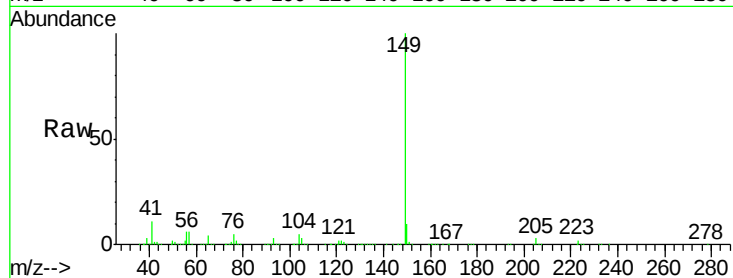
150 9.7 8.1 12.1

104 5.1 4.6 7.0

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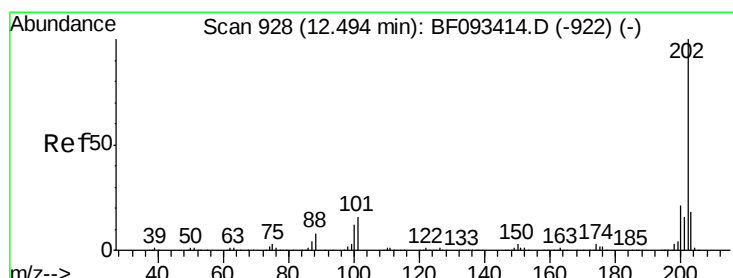
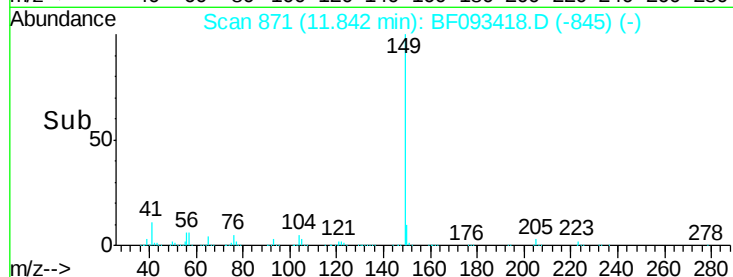
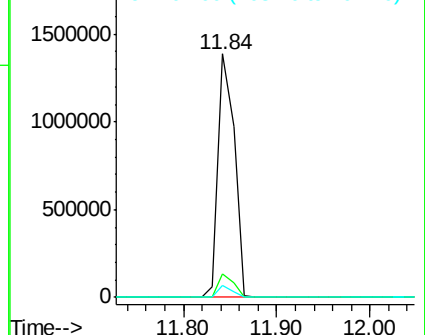
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.37 ng

RT: 12.51 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

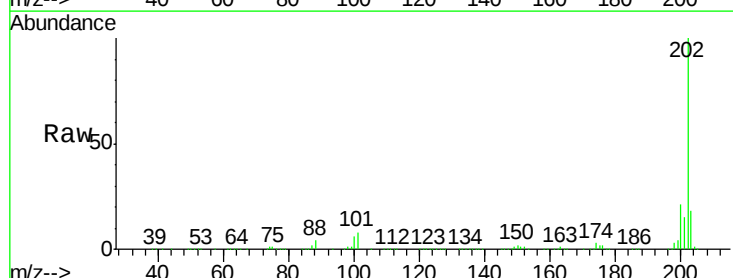
Tgt Ion:202 Resp: 1585156

Ion Ratio Lower Upper

202 100

101 8.0 0.0 34.6

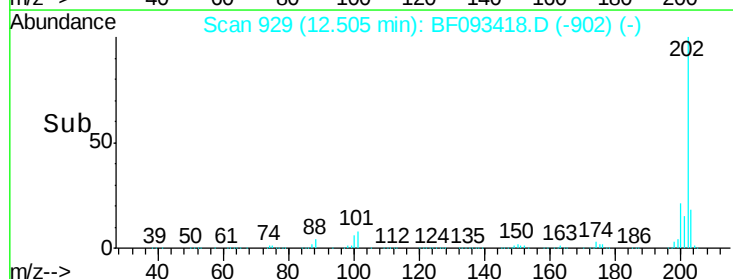
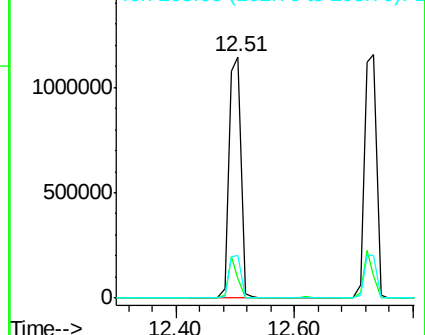
203 17.7 0.0 38.7

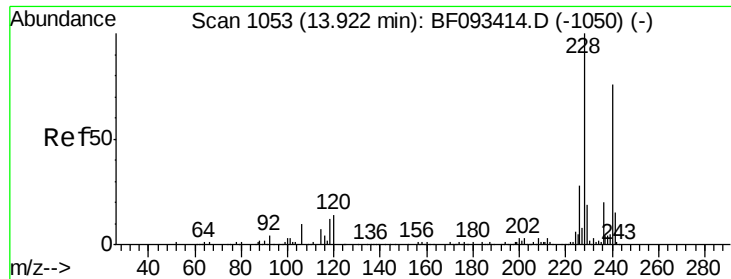


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

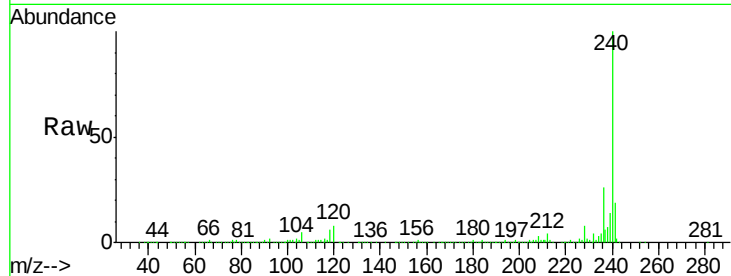
ClientSampleId :

ICVBF030717

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.6	12.9	19.3#
236	25.8	20.9	31.3

Manual Integrations
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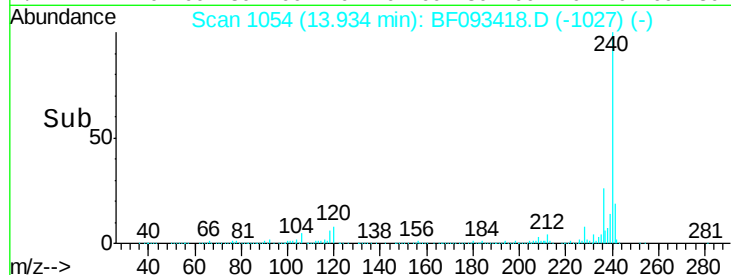


Abundance Ion 240.00 (239.70 to 240.70): E

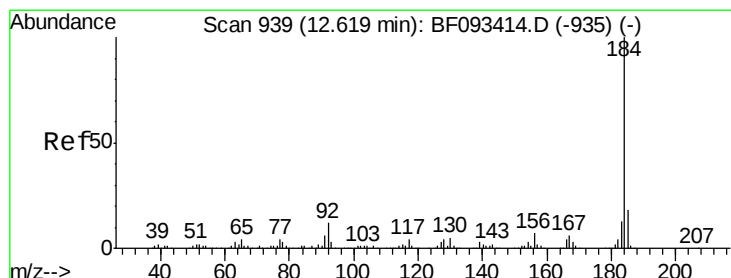
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.93



Time-->



#76

Benzidine

Concen: 39.03 ng

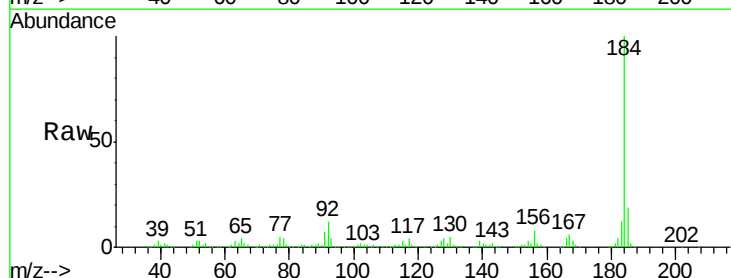
RT: 12.62 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
184	100		
185	18.8	13.4	20.0
183	12.2	9.2	13.8

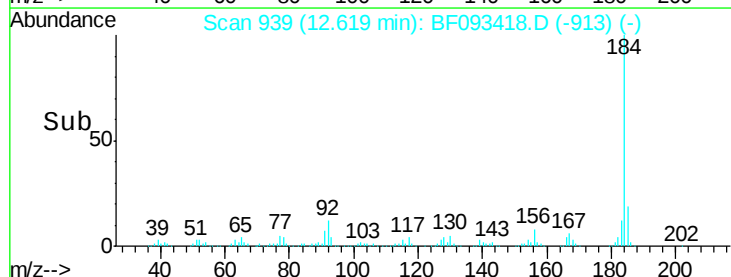


Abundance Ion 184.00 (183.70 to 184.70): E

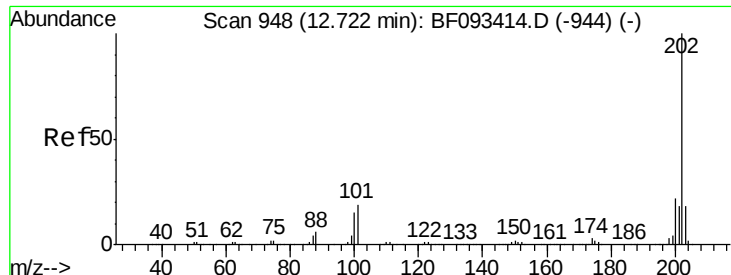
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.62



Time-->



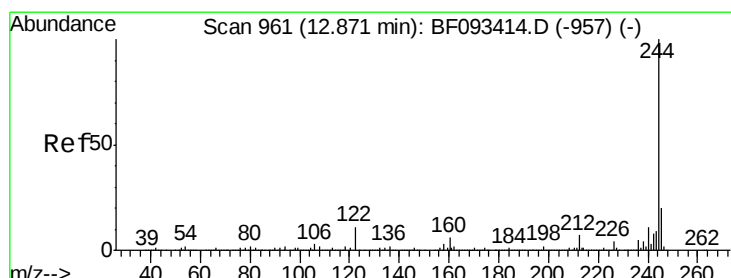
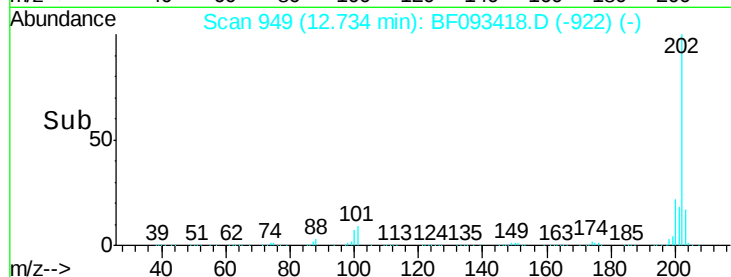
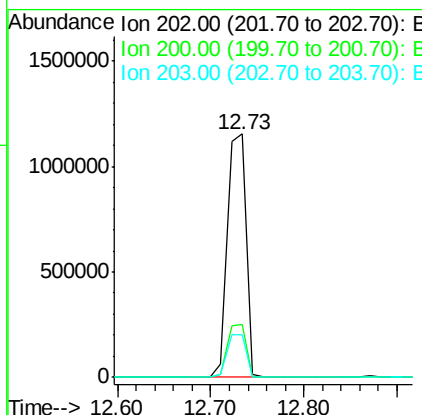
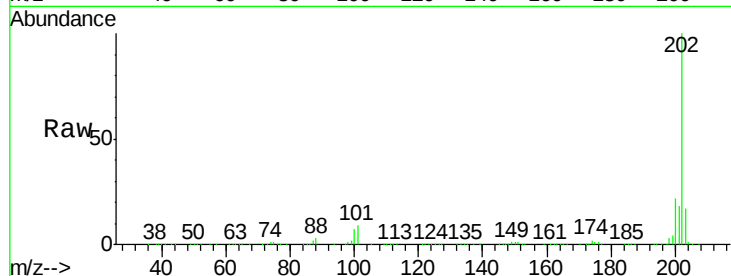
#77
Pvrene
Concen: 40.35 ng
RT: 12.73 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.5	14.7	22.1

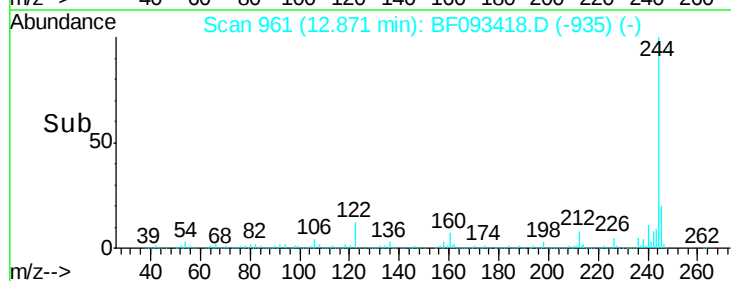
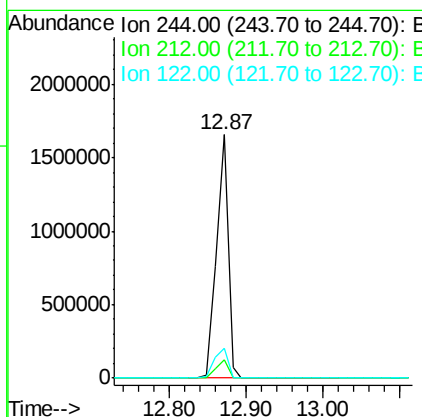
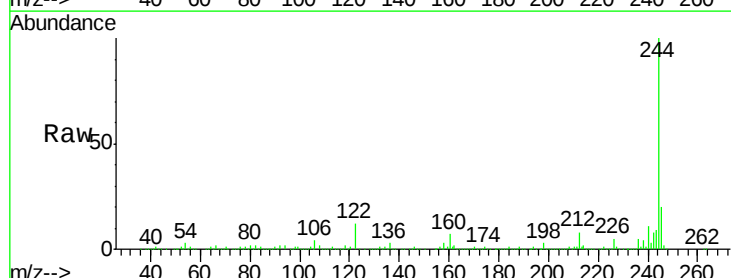
Manual Integrations
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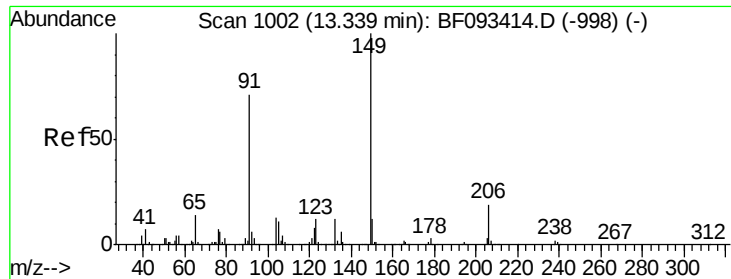
mohammad
3/8/2017 1:45:36 PM



#78
Terphenyl-d14
Concen: 81.45 ng
RT: 12.87 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.0	11.4	17.2





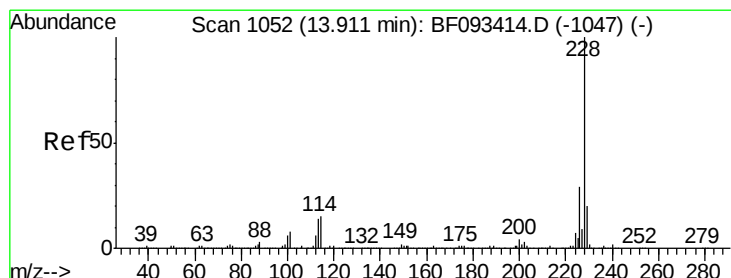
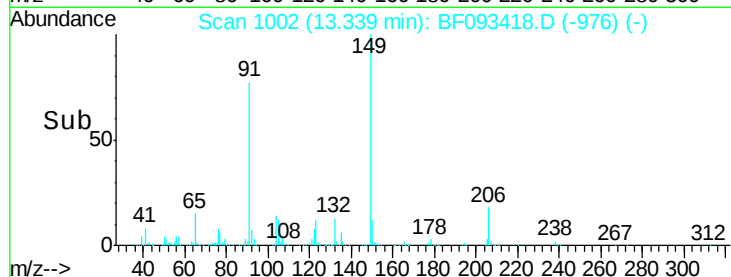
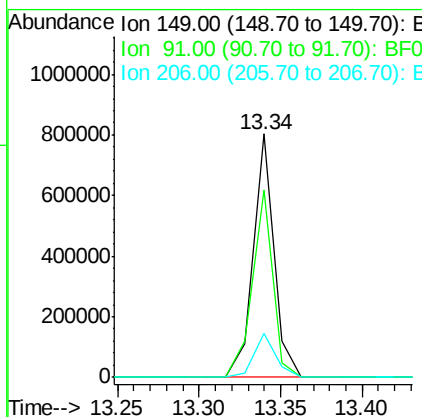
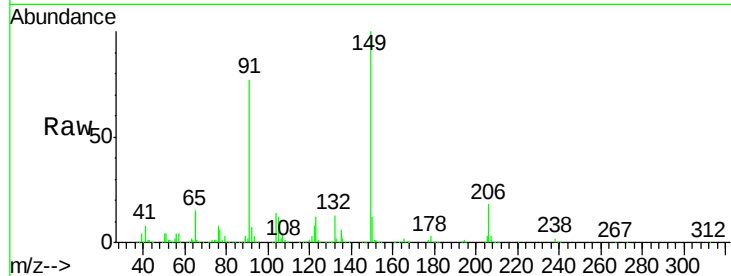
#79
Butylbenzylphthalate
Concen: 41.85 ng
RT: 13.34 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.9	63.9	95.9
206	18.3	14.6	21.8

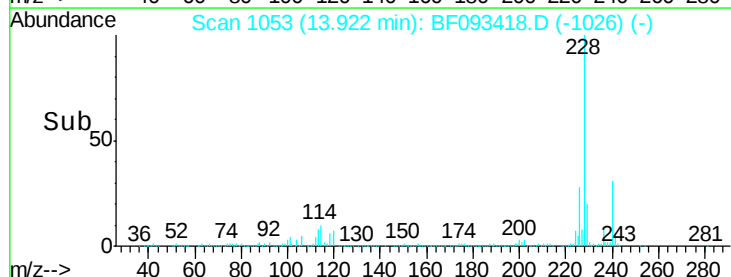
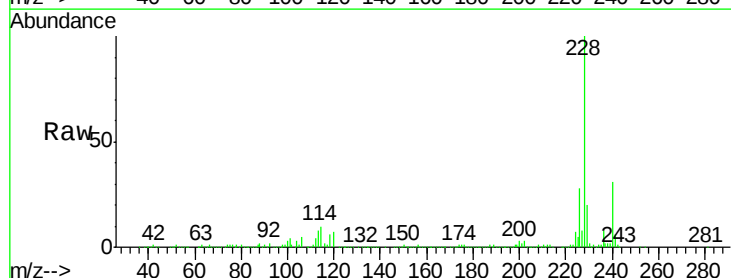
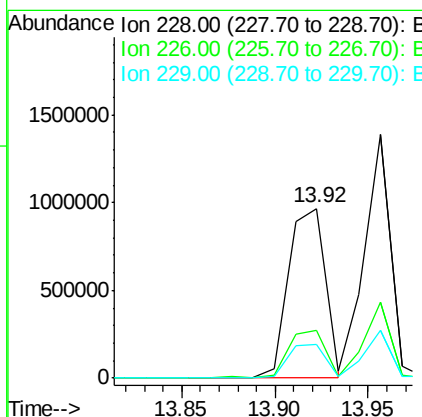
Manual Integrations
APPROVED

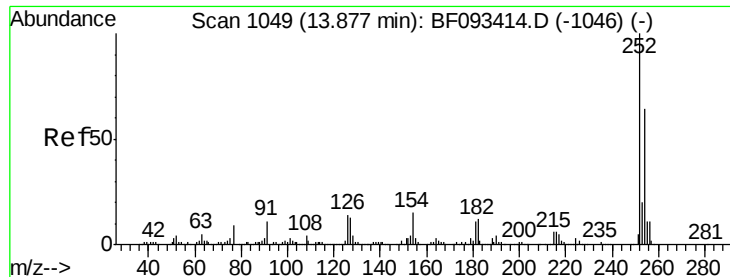
mohammad
3/8/2017 1:45:36 PM



#80
Benzo(a)anthracene
Concen: 41.07 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	19.6	16.2	24.4





#81

3,3'-Dichlorobenzidine

Concen: 38.86 ng

RT: 13.88 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

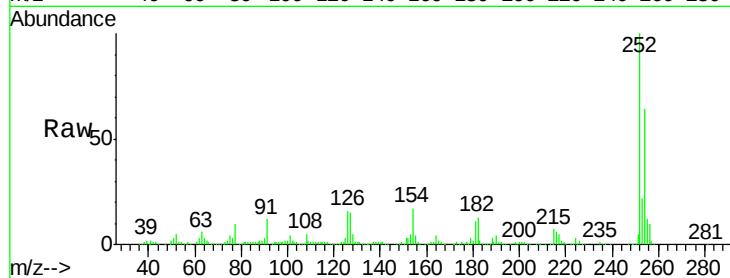
ClientSampleId :

ICVBF030717

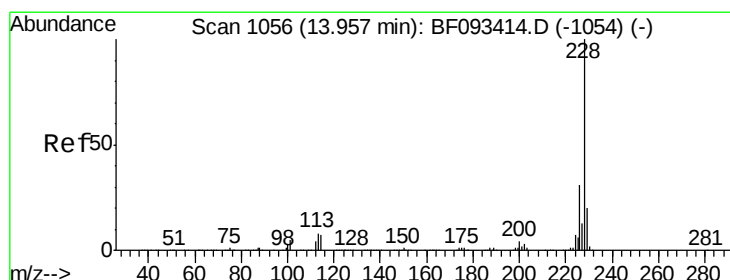
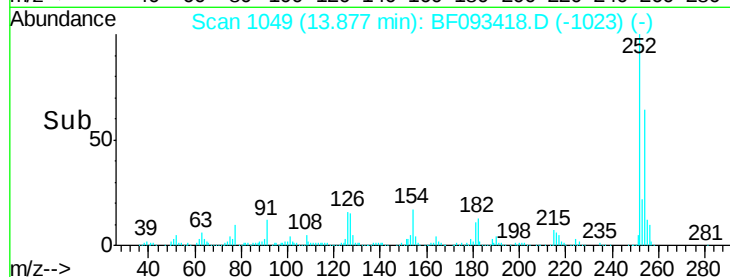
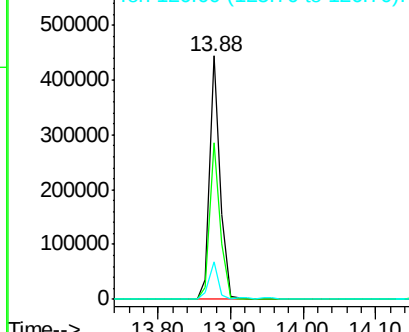
Tot Ion:	252	Resp:	444797
Ion Ratio		Lower	Upper
252	100		
254	64.3	52.3	78.5
126	15.6	13.6	20.4

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 44.32 ng

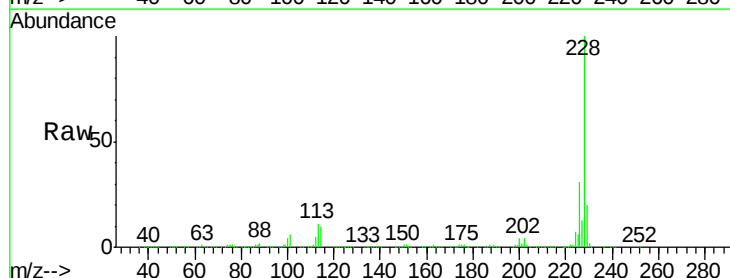
RT: 13.96 min Scan# 1056

Delta R.T. -0.00 min

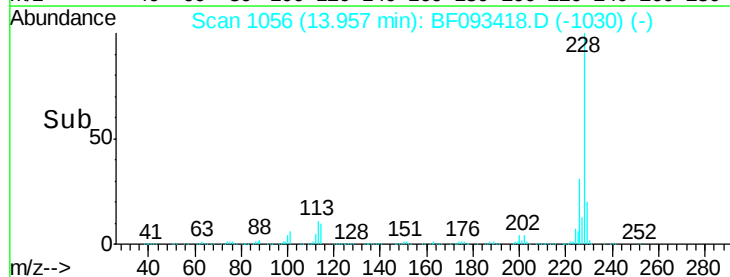
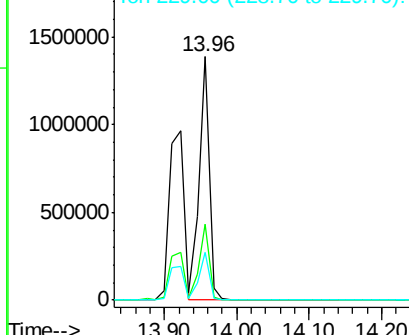
Lab File: BF093418.D

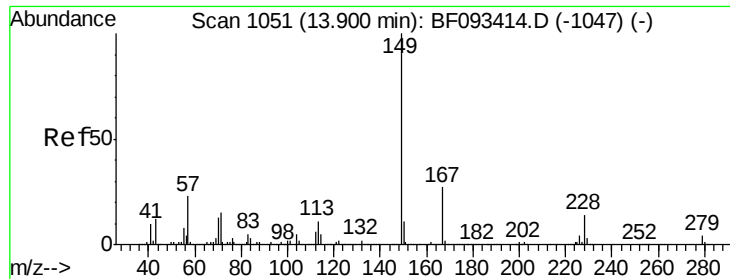
Acq: 7 Mar 2017 14:15

Tgt Ion:	228	Resp:	1340144
Ion Ratio		Lower	Upper
228	100		
226	31.2	25.4	38.0
229	19.9	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.89 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

Tot Ion:149 Resp: 1012845

Ion Ratio Lower Upper

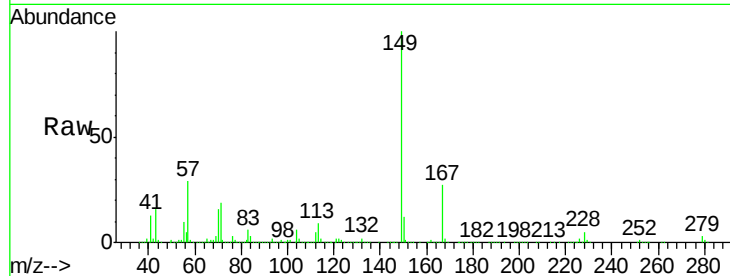
149 100

167 26.8 20.2 30.4

279 3.2 1.8 2.8#

Manual Integrations
APPROVED

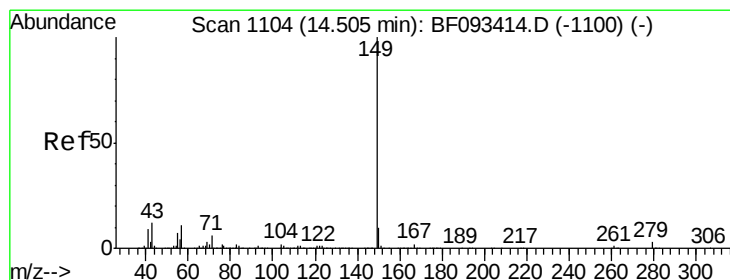
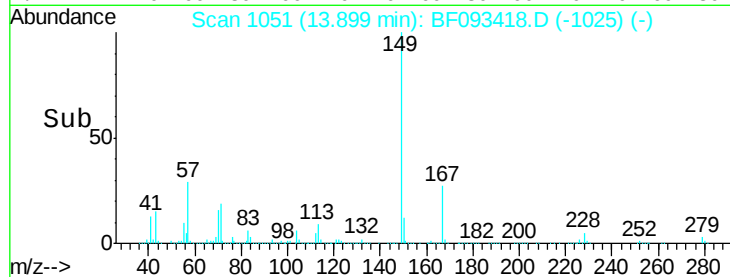
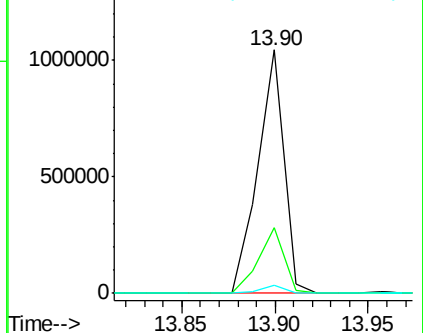
mohammad
3/8/2017 1:45:36 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.94 ng

RT: 14.51 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

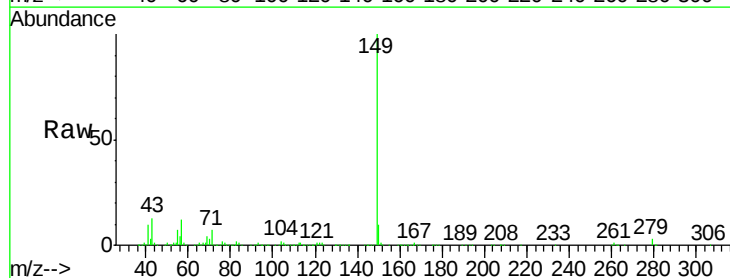
Tgt Ion:149 Resp: 1611548

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

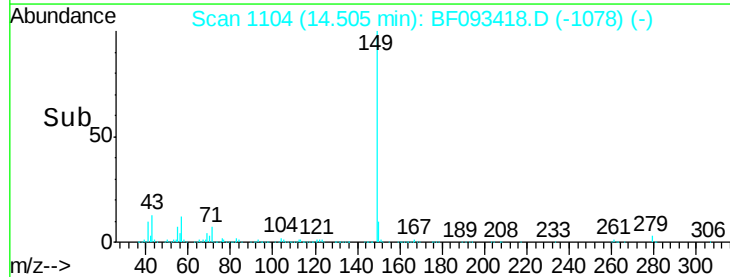
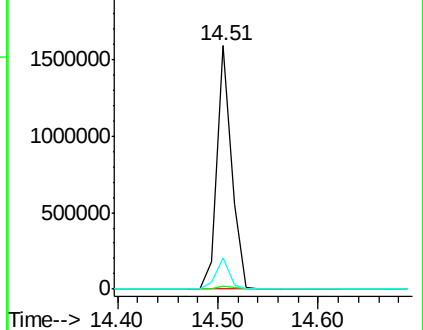
43 12.2 8.9 13.3

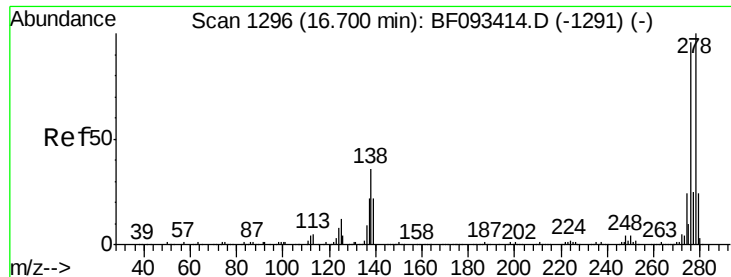


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





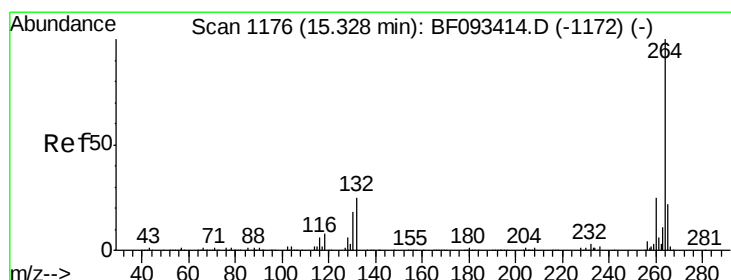
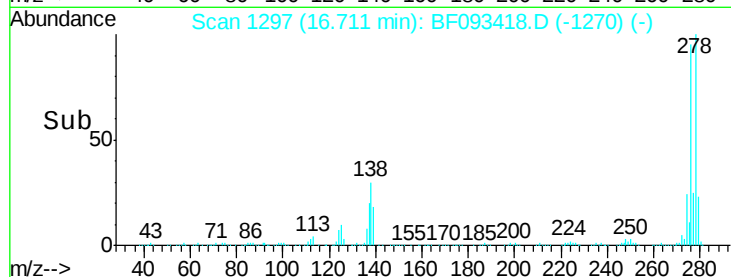
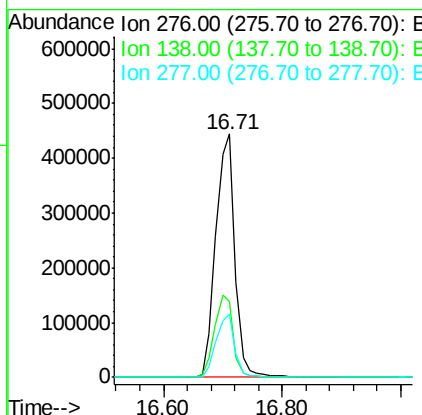
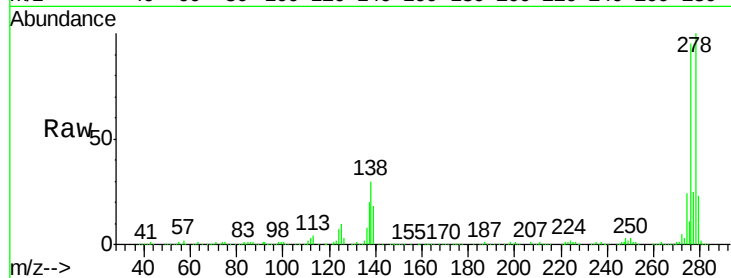
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.28 ng
RT: 16.71 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	21.8	32.6
277	25.3	20.2	30.4

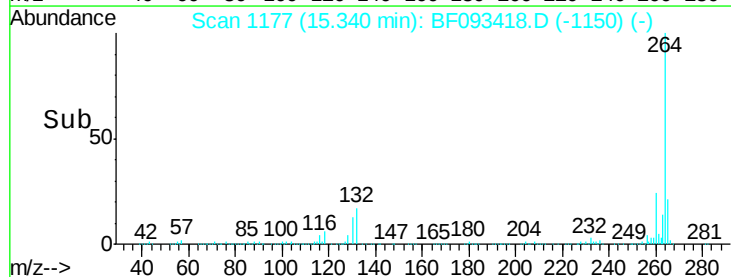
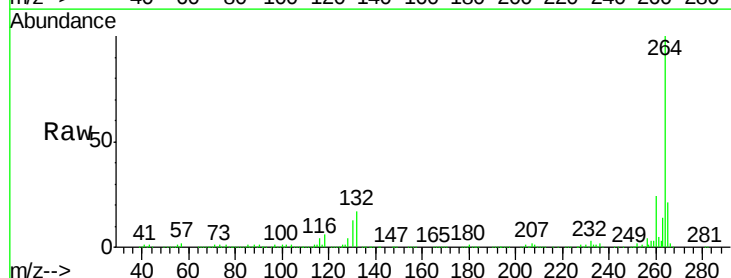
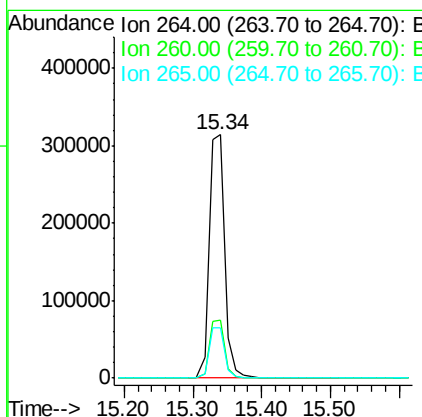
Manual Integrations
APPROVED

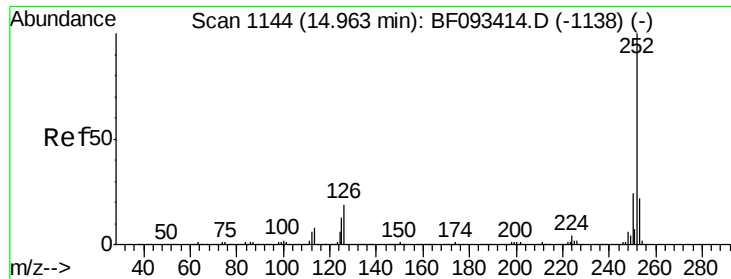
mohammad
3/8/2017 1:45:36 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 38.95 ng m

RT: 14.94 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

Tot Ion:252 Resp: 1174128

Ion Ratio Lower Upper

252 100

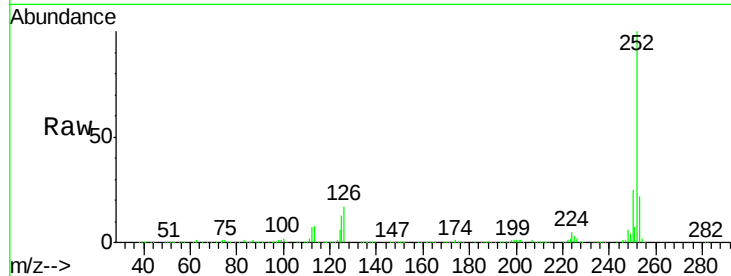
253 22.4 18.2 27.4

125 12.9 9.8 14.6

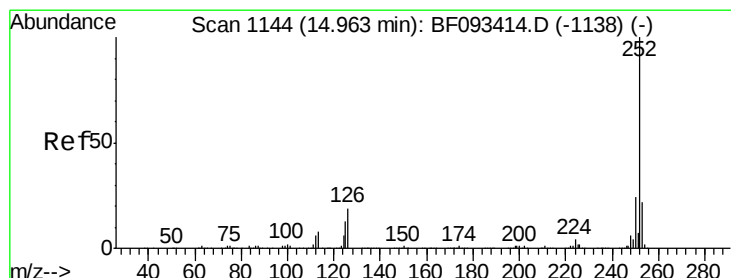
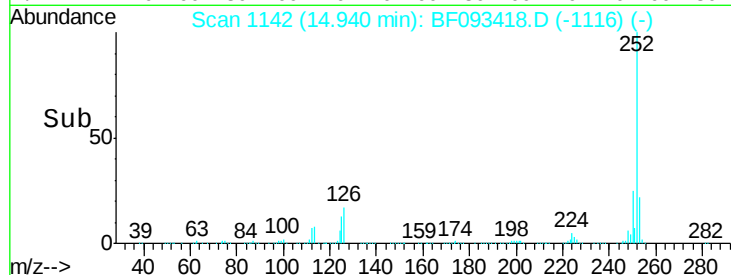
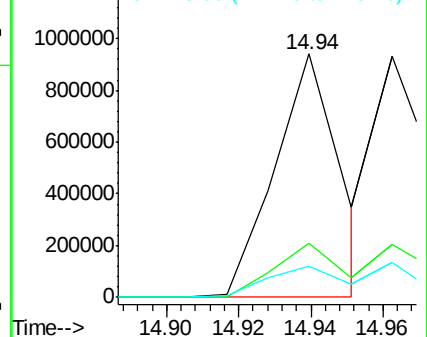
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.40 ng m

RT: 14.96 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Tgt Ion:252 Resp: 1029071

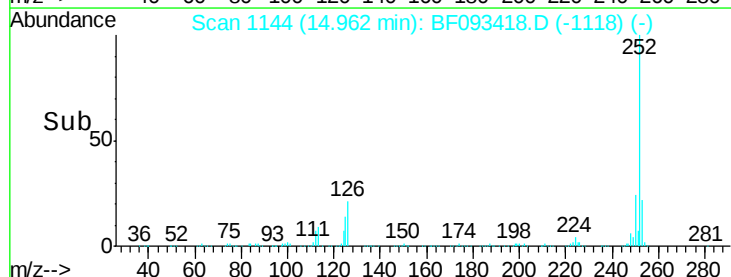
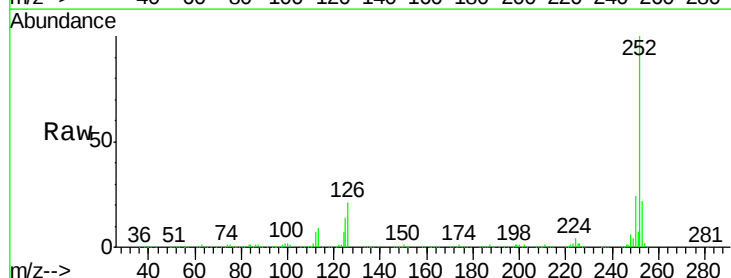
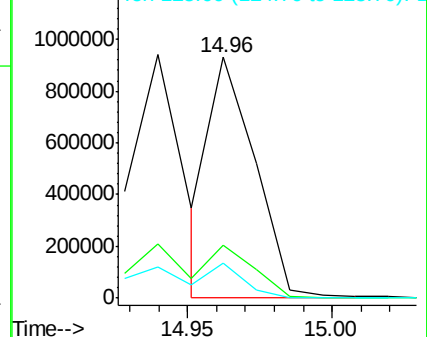
Ion Ratio Lower Upper

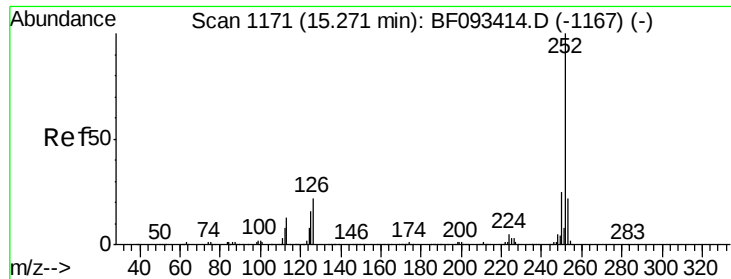
252 100

253 22.2 18.5 27.7

125 14.5 8.9 13.3#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





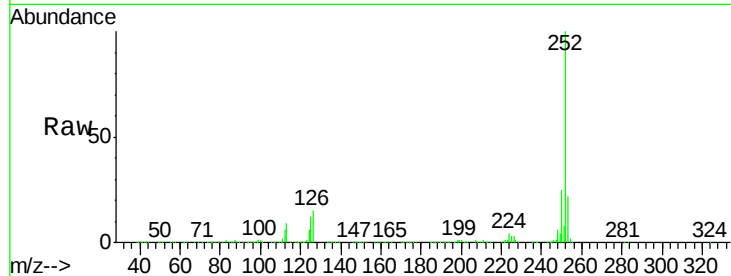
#89
Benzo(a)pyrene
Concen: 38.29 ng
RT: 15.28 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

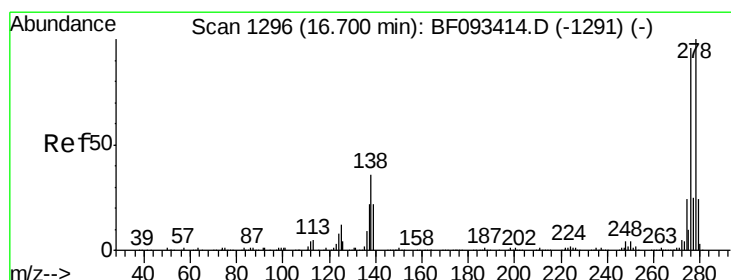
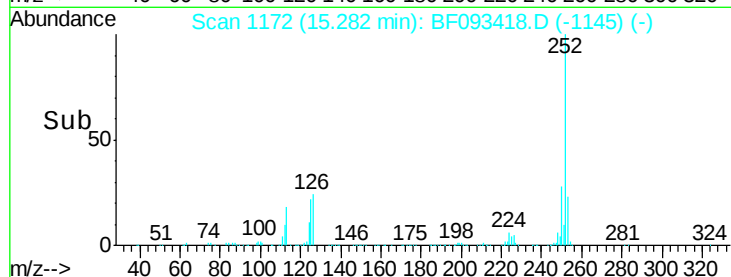
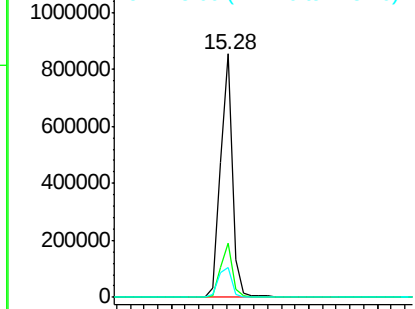
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	12.4	10.0	15.0

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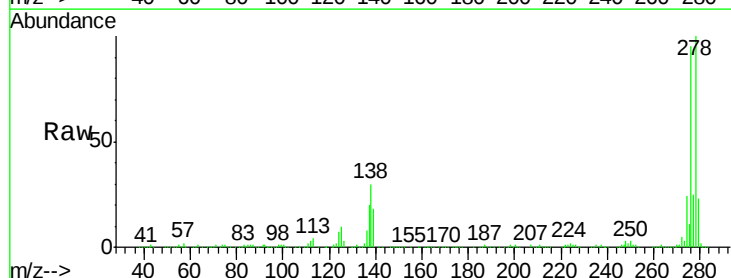


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

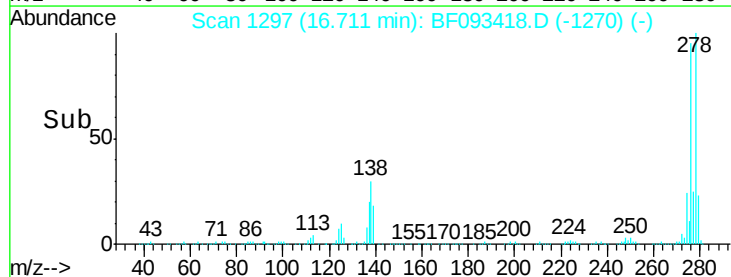
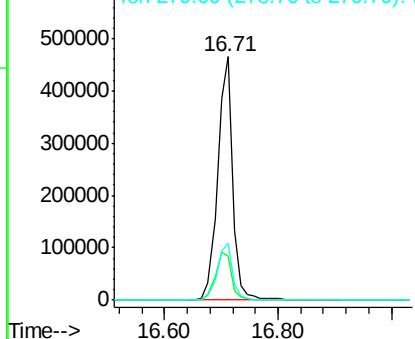


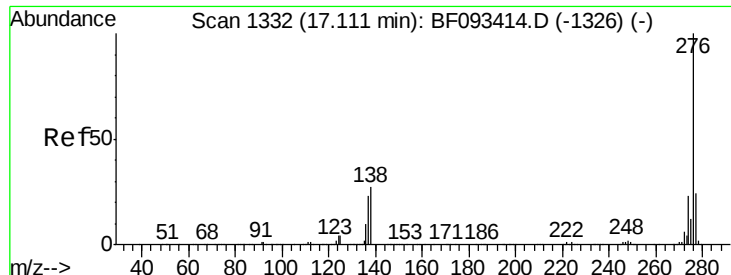
#90
Dibenzo(a,h)anthracene
Concen: 37.45 ng
RT: 16.71 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.8	22.2
279	23.3	19.8	29.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 37.96 ng
 RT: 17.11 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

Tot Ion:	276	Resp:	888005
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.2	28.8
138	30.7	16.0	24.0

Manual Integrations
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