

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
 Data File : BF093423.D
 Acq On : 7 Mar 2017 17:15
 Operator : SJ/MA
 Sample : PB97390BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BSD

Manual Integrations
 APPROVED

mohammad
 3/8/2017 1:45:54 PM

Quant Time: Mar 08 00:42:15 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	6.76	152	177955	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	691251	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	333659	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	603370	20.00	ng	0.01
75) Chrysene-d12	13.93	240	503153	20.00	ng	0.01
86) Perylene-d12	15.34	264	397541	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	970172	90.74	ng	0.01
7) Phenol-d6	6.41	99	1131432	83.91	ng	0.00
23) Nitrobenzene-d5	7.34	82	1014065	81.40	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	211454	97.27	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1743444	97.19	ng	0.00
78) Terphenyl-d14	12.87	244	1399594	72.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	199862	33.94	ng	# 84
3) Pyridine	3.05	79	553275	36.85	ng	89
4) n-Nitrosodimethylamine	3.01	42	291171	40.60	ng	84
6) Aniline	6.42	93	403202	21.79	ng	98
8) 2-Chlorophenol	6.55	128	503751	42.05	ng	97
9) Benzaldehyde	6.31	77	98737	8.80	ng	83
10) Phenol	6.42	94	626511	37.92	ng	87
11) bis(2-Chloroethyl)ether	6.50	93	533907	39.98	ng	97
12) 1,3-Dichlorobenzene	6.70	146	539864	39.37	ng	# 93
13) 1,4-Dichlorobenzene	6.78	146	561481	39.99	ng	97
14) 1,2-Dichlorobenzene	6.94	146	474708m	38.18	ng	
15) Benzyl Alcohol	6.92	79	391960	40.78	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	885694	39.93	ng	89
17) 2-Methylphenol	7.04	107	423305	41.77	ng	94
18) Hexachloroethane	7.27	117	191202	40.38	ng	95
19) n-Nitroso-di-n-propylamine	7.19	70	395553	42.67	ng	98
20) 3+4-Methylphenols	7.20	107	576708	43.88	ng	# 74
22) Acetophenone	7.18	105	704130	42.33	ng	# 98
24) Nitrobenzene	7.36	77	589550	42.10	ng	92
25) Isophorone	7.60	82	1060263	42.20	ng	97
26) 2-Nitrophenol	7.68	139	282291	44.19	ng	# 84
27) 2,4-Dimethylphenol	7.73	122	500844	48.19	ng	94
28) bis(2-Chloroethoxy)methane	7.81	93	643919	40.60	ng	98
29) 2,4-Dichlorophenol	7.92	162	437563	44.76	ng	87
30) 1,2,4-Trichlorobenzene	8.00	180	442196	42.53	ng	99
31) Naphthalene	8.07	128	1368911	39.52	ng	99
32) Benzoic acid	7.89	122	290722	53.83	ng	97
33) 4-Chloroaniline	8.14	127	259545	18.46	ng	99
34) Hexachlorobutadiene	8.18	225	219243	40.94	ng	98
35) Caprolactam	8.52	113	152276m	45.61	ng	
36) 4-Chloro-3-methylphenol	8.64	107	459765	44.06	ng	90
37) 2-Methylnaphthalene	8.77	142	913260	41.44	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	409141	44.91	ng	100
40) Hexachlorocyclopentadiene	8.92	237	221419	93.85	ng	95

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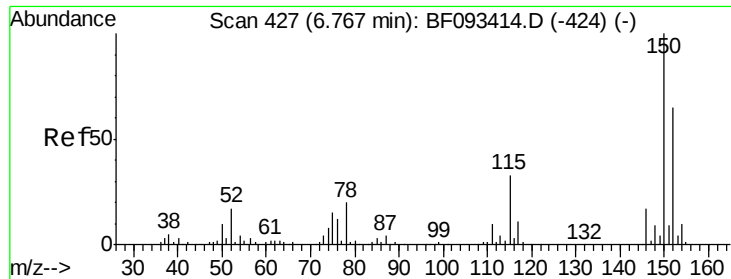
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	272207	47.82	nq	90
43) 2,4,5-Trichlorophenol	9.11	196	276429	45.26	nq #	85
45) 1,1'-Biphenyl	9.24	154	1118161	46.00	nq	99
46) 2-Chloronaphthalene	9.26	162	896314	48.18	nq	97
47) 2-Nitroaniline	9.36	65	288529	43.87	nq	93
48) Acenaphthylene	9.67	152	1347337	43.91	nq	99
49) Dimethylphthalate	9.53	163	1017738	46.01	nq	98
50) 2,6-Dinitrotoluene	9.61	165	227484	46.87	nq #	75
51) Acenaphthene	9.84	154	829926	45.74	nq	97
52) 3-Nitroaniline	9.77	138	140268	24.05	nq	91
53) 2,4-Dinitrophenol	9.90	184	180424	81.62	nq #	71
54) Dibenzofuran	10.01	168	1175307	51.75	nq	95
55) 4-Nitrophenol	9.97	139	291273	102.84	nq	89
56) 2,4-Dinitrotoluene	10.01	165	268075	44.96	nq #	65
57) Fluorene	10.36	166	961628	49.97	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	232526	53.94	nq	95
59) Diethylphthalate	10.23	149	937485	44.34	nq	99
60) 4-Chlorophenyl-phenylether	10.34	204	427664	49.58	nq	89
61) 4-Nitroaniline	10.39	138	254790	42.72	nq	95
62) Azobenzene	10.50	77	1256365	52.30	nq	96
64) 4,6-Dinitro-2-methylphenol	10.44	198	138100	35.33	nq	90
65) n-Nitrosodiphenylamine	10.47	169	885475	43.95	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	262299	41.11	nq #	83
67) Hexachlorobenzene	10.90	284	265634	43.60	nq	99
68) Atrazine	11.00	200	244964	41.54	nq	99
69) Pentachlorophenol	11.11	266	206732	98.28	nq	99
70) Phenanthrene	11.32	178	1459052	42.36	nq	98
71) Anthracene	11.36	178	1373089	39.41	nq	99
72) Carbazole	11.52	167	1291054	39.45	nq	100
73) Di-n-butylphthalate	11.85	149	1673653	44.20	nq #	96
74) Fluoranthene	12.50	202	1486412	44.68	nq	94
76) Benzidine	12.63	184	442942	26.77	nq	97
77) Pyrene	12.73	202	1478940	40.42	nq	99
79) Butylbenzylphthalate	13.34	149	658166	42.73	nq	99
80) Benzo(a)anthracene	13.92	228	1209851	40.72	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	285587	27.44	nq	98
82) Chrysene	13.96	228	1095722	39.86	nq	100
83) Bis(2-ethylhexyl)phthalate	13.90	149	900256	41.93	nq	98
84) Di-n-octyl phthalate	14.51	149	1527093	42.67	nq	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	894646	38.88	nq #	93
87) Benzo(b)fluoranthene	14.94	252	988086m	40.81	nq	
88) Benzo(k)fluoranthene	14.97	252	1049326m	44.94	nq	
89) Benzo(a)pyrene	15.28	252	939555	42.46	nq	97
90) Dibenzo(a,h)anthracene	16.71	278	750037	40.97	nq	95
91) Benzo(g,h,i)perylene	17.12	276	777467	41.38	nq #	92

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



#1

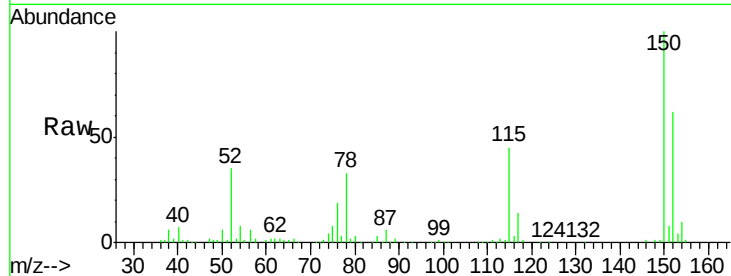
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.9	187.3
115	72.0	46.0	69.0

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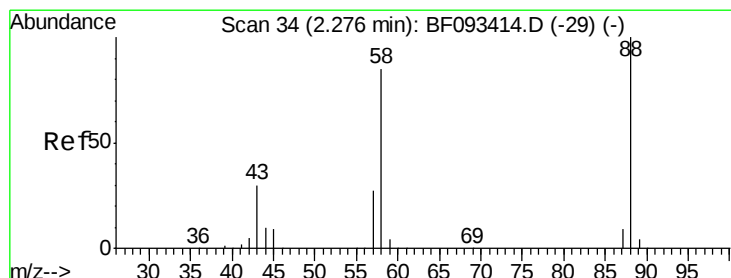
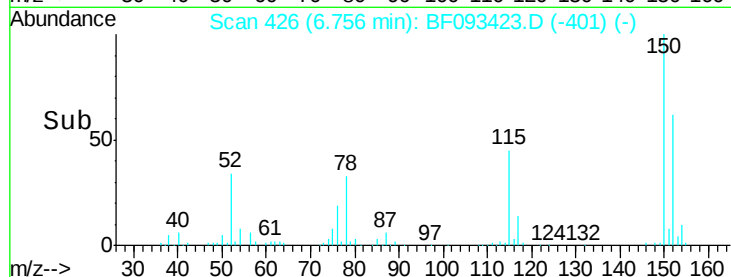
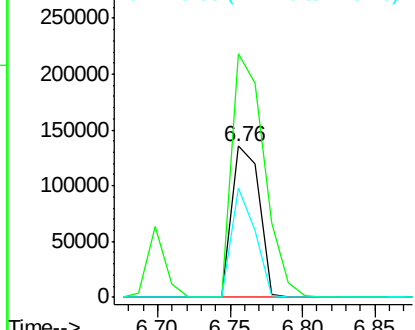


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

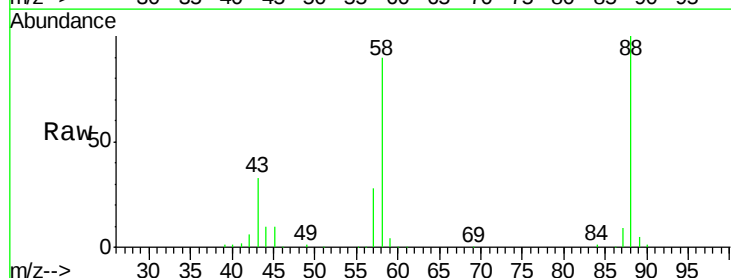
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.94 ng
RT: 2.36 min Scan# 41
Delta R.T. 0.08 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.8	57.8	86.8
43	33.7	22.3	33.5

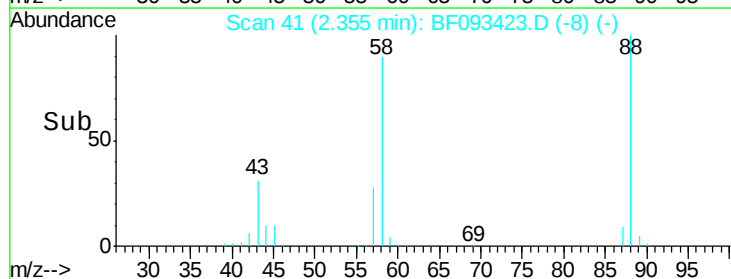
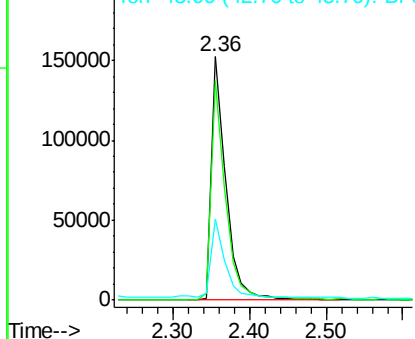


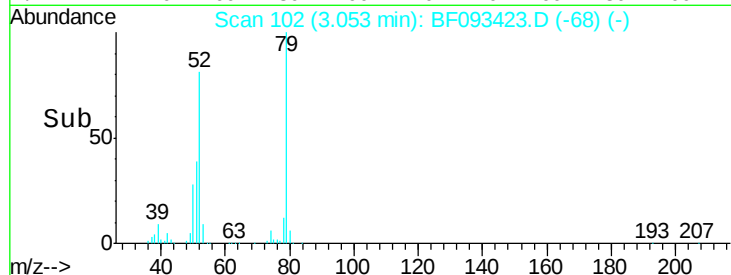
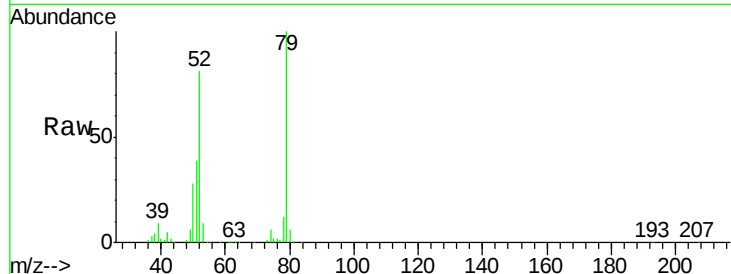
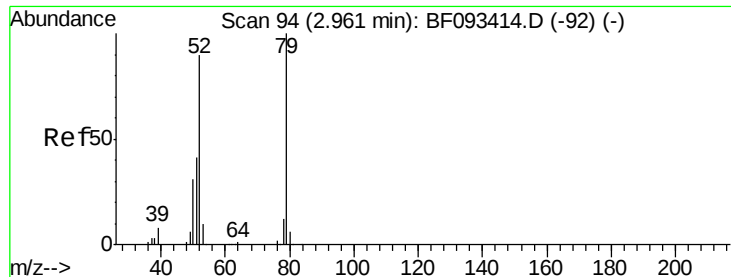
Abundance

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





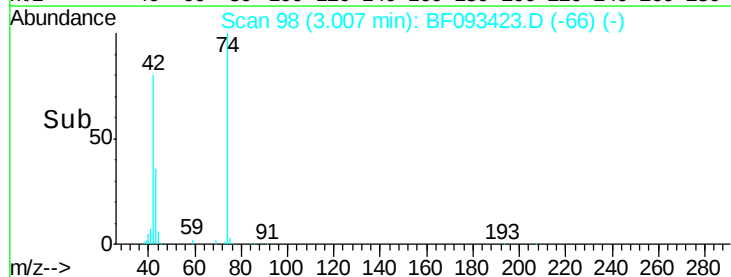
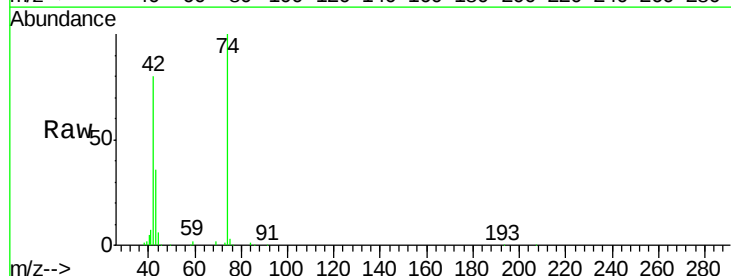
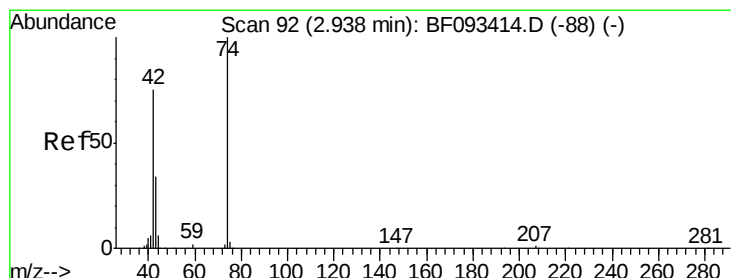
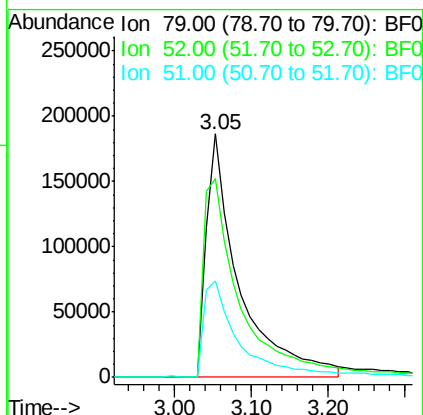
#3
 Pvridine
 Concen: 36.85 ng
 RT: 3.05 min Scan# 102
 Delta R.T. 0.09 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Tot Ion:	79	Resp:	553275
Ion Ratio	Lower	Upper	
79	100		
52	81.4	57.1	85.7
51	39.5	27.3	40.9

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BSD

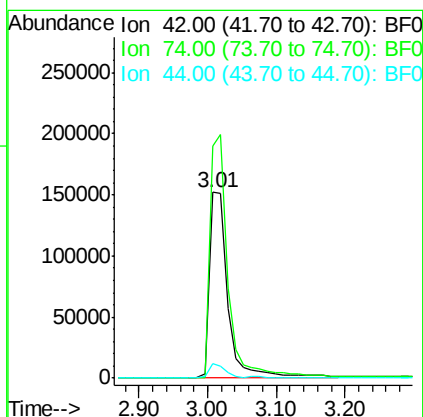
Manual Integrations
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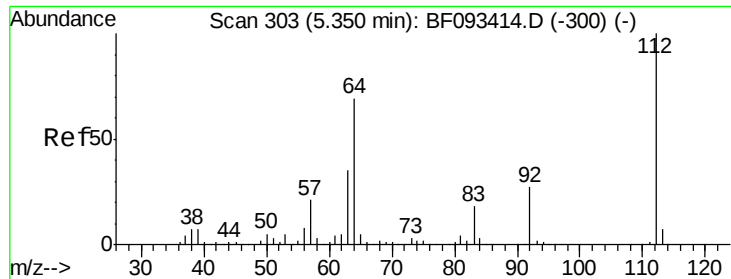
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#4
 n-Nitrosodimethylamine
 Concen: 40.60 ng
 RT: 3.01 min Scan# 98
 Delta R.T. 0.07 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Tgt Ion:	42	Resp:	291171
Ion Ratio	Lower	Upper	
42	100		
74	125.3	117.0	175.4
44	7.6	5.5	8.3





#5

2-Fluorophenol

Concen: 90.74 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA_F

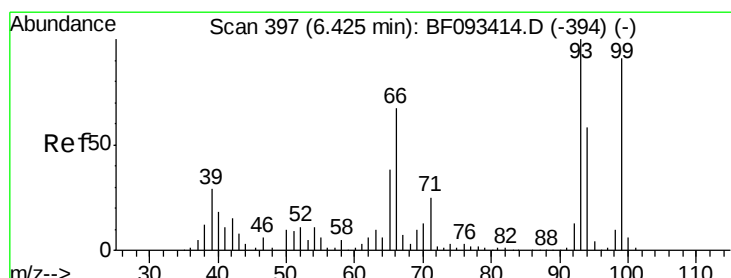
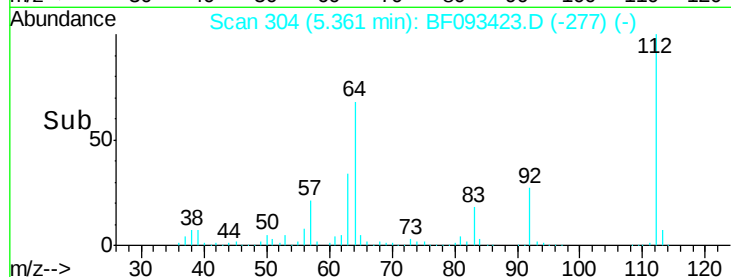
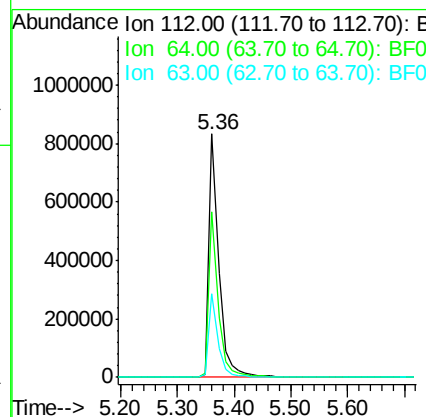
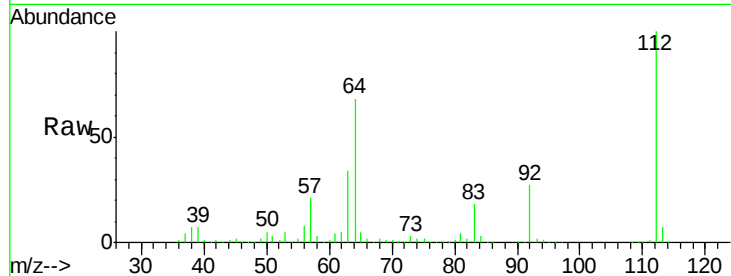
ClientSampleId :

PB97390BSD

Tot Ion:	112	Resp:	970172
Ion Ratio	Lower	Upper	
112	100		
64	68.2	46.1	69.1
63	34.4	23.8	35.6

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#6

Aniline

Concen: 21.79 ng

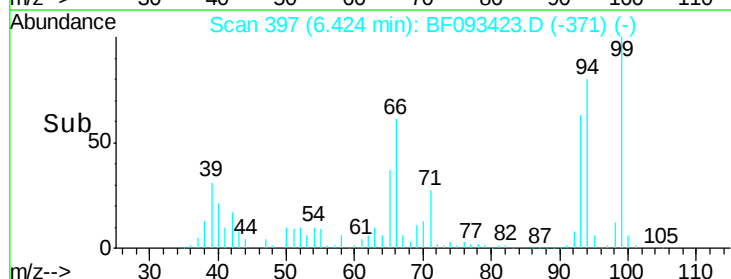
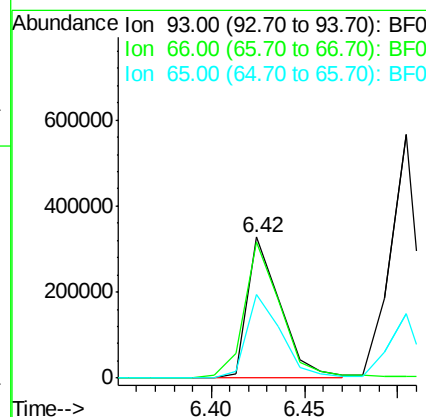
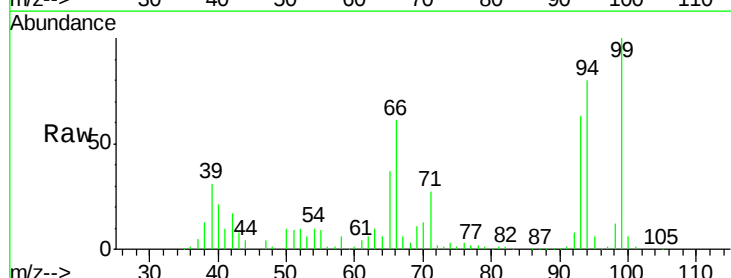
RT: 6.42 min Scan# 397

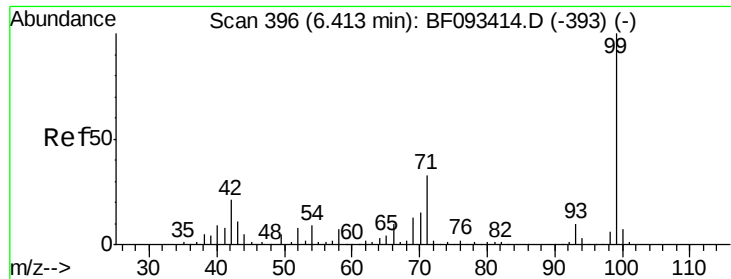
Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Tgt Ion:	93	Resp:	403202
Ion Ratio	Lower	Upper	
93	100		
66	96.7	76.2	114.2
65	59.3	49.3	73.9





#7

Phenol-d6

Concen: 83.91 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

PB97390BSD

Tot Ion: 99 Resp: 1131432

Ion Ratio Lower Upper

99 100

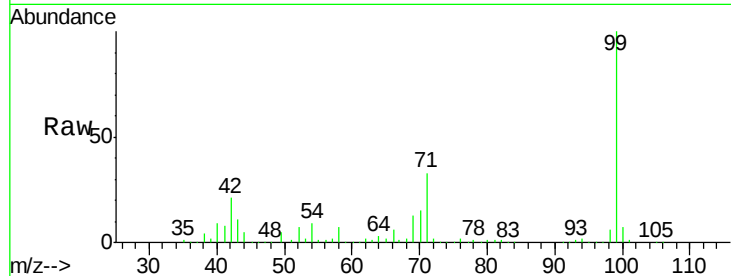
42 21.5 15.6 23.4

71 32.9 27.5 41.3

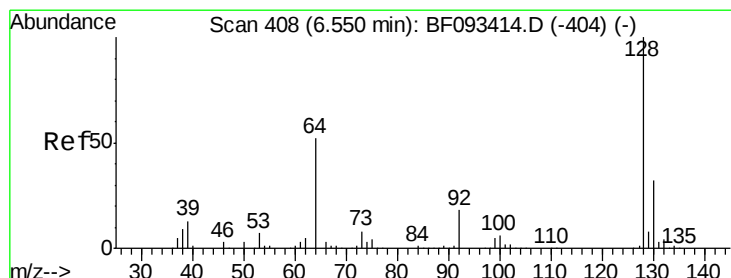
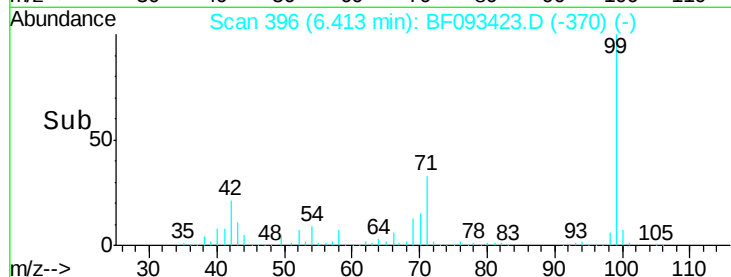
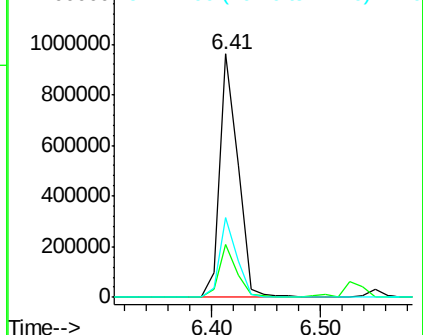
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.05 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

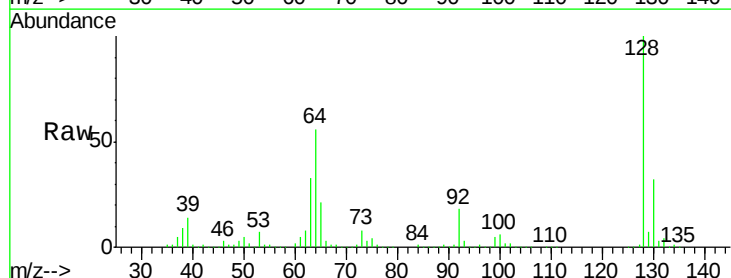
Tgt Ion: 128 Resp: 503751

Ion Ratio Lower Upper

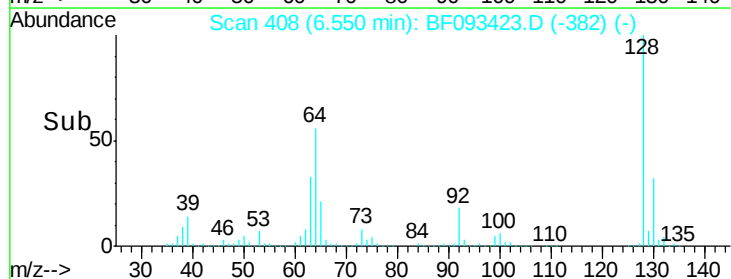
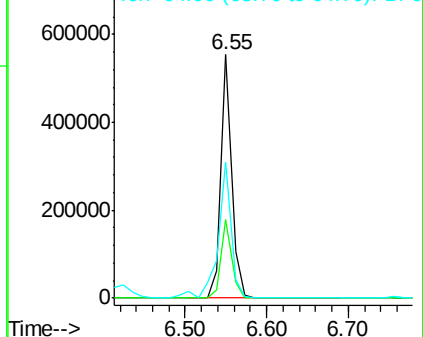
128 100

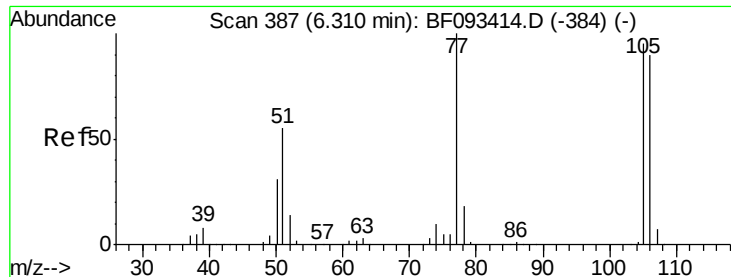
130 32.5 12.3 52.3

64 55.8 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: 8.80 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA_F

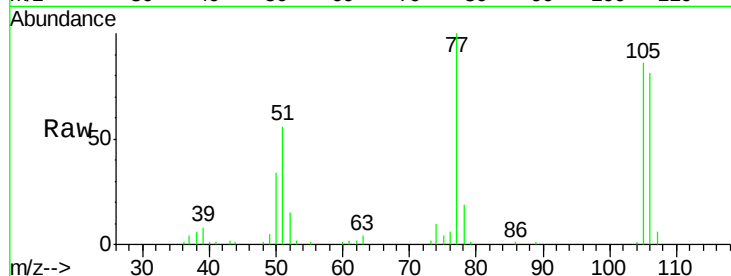
ClientSampleId :

PB97390BSD

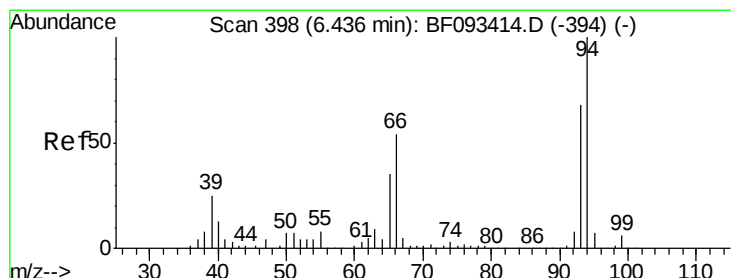
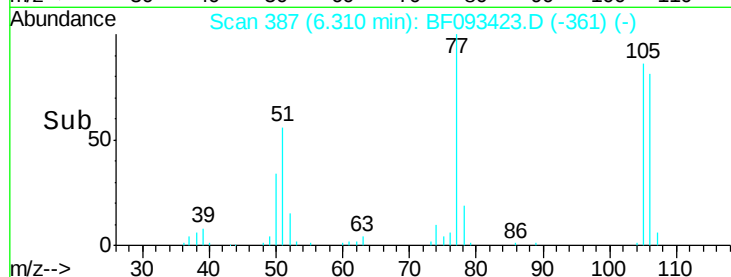
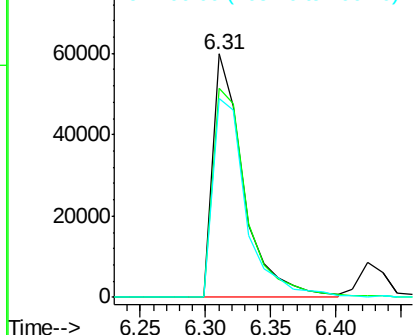
Tot Ion:	77	Resp:	98737
Ion	Ratio	Lower	Upper
77	100		
105	85.8	83.9	123.9
106	81.4	77.6	117.6

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.92 ng

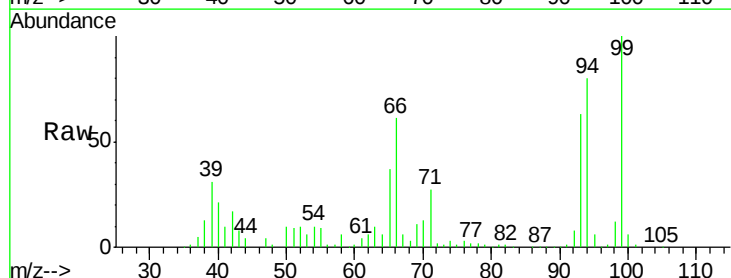
RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

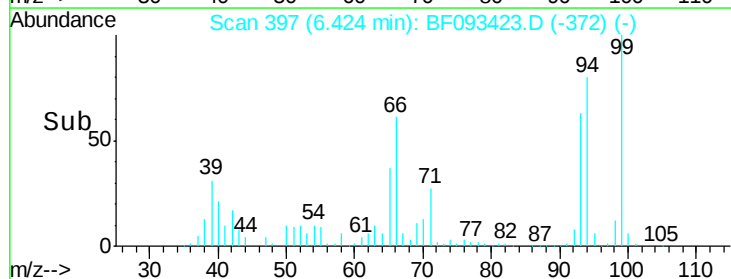
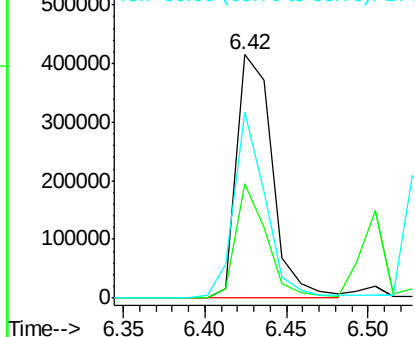
Lab File: BF093423.D

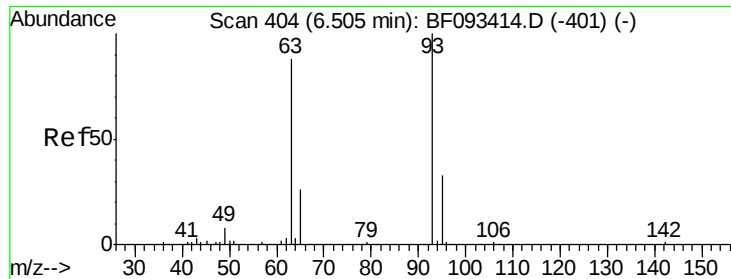
Acq: 7 Mar 2017 17:15

Tgt Ion:	94	Resp:	626511
Ion	Ratio	Lower	Upper
94	100		
65	46.9	21.4	61.4
66	76.4	44.0	84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.98 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA_F

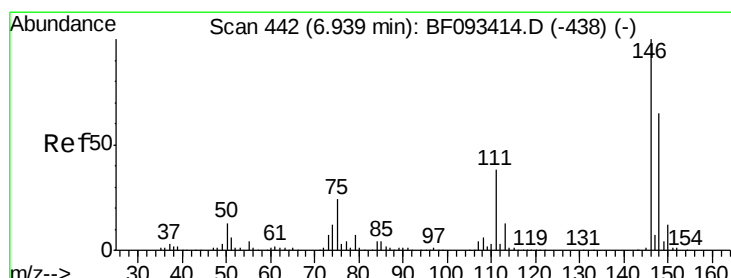
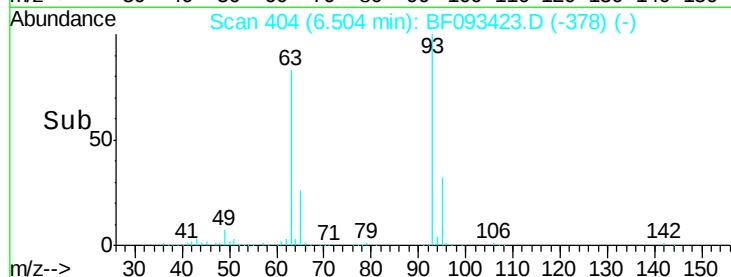
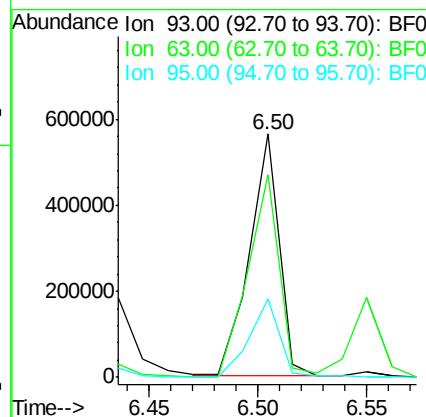
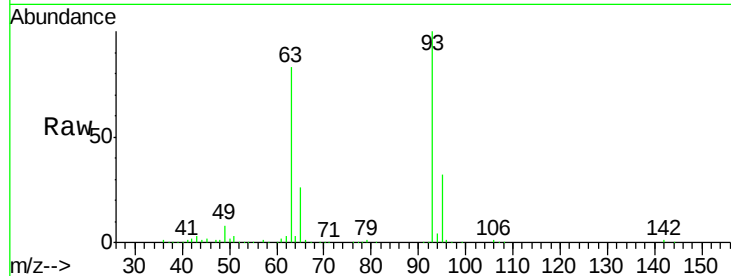
ClientSampleId :

PB97390BSD

Tot Ion:	93	Resp:	533907
Ion Ratio	Lower	Upper	
93	100		
63	83.3	60.4	100.4
95	32.4	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 39.37 ng

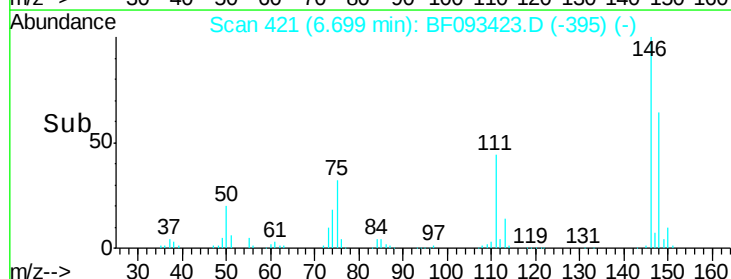
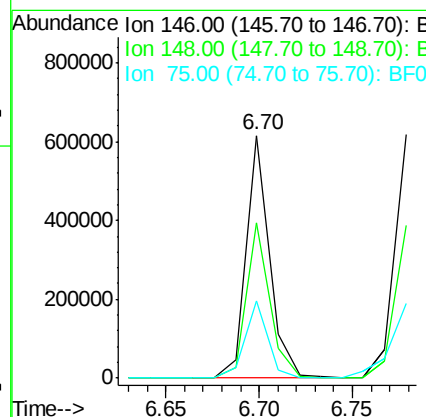
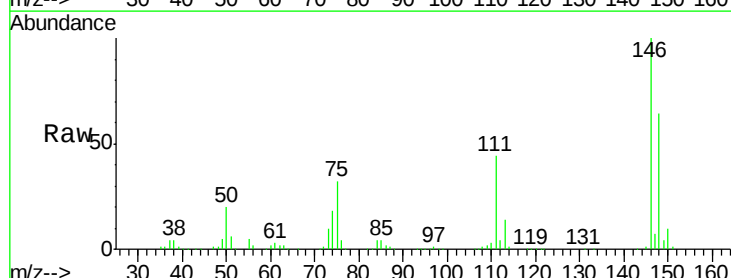
RT: 6.70 min Scan# 421

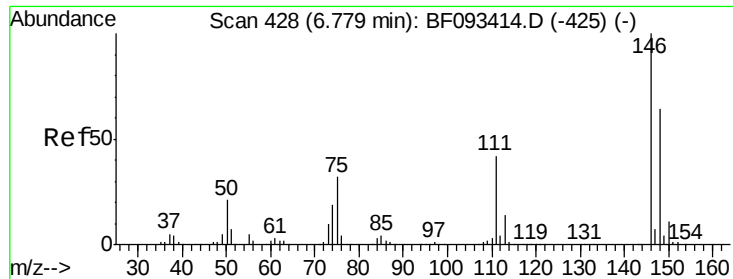
Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Tgt Ion:	146	Resp:	539864
Ion Ratio	Lower	Upper	
146	100		
148	64.2	53.4	80.0
75	31.6	18.5	27.7#





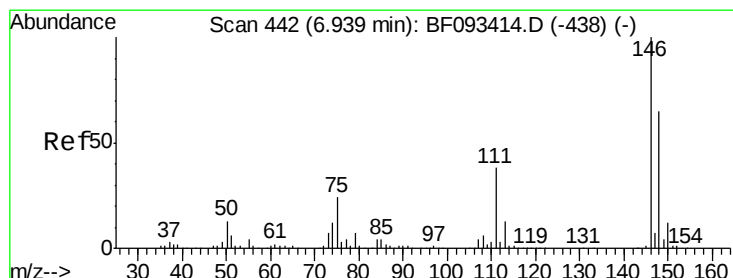
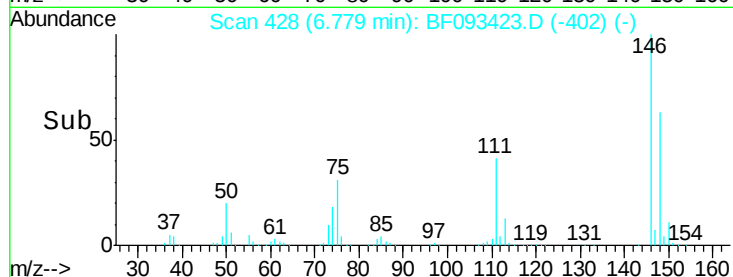
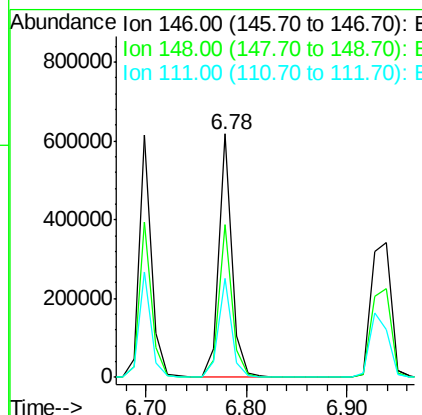
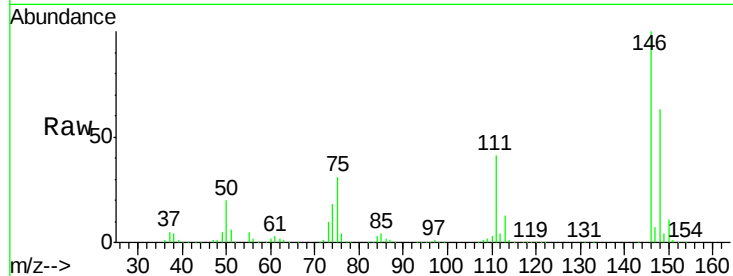
#13
 1,4-Dichlorobenzene
 Concen: 39.99 ng
 RT: 6.78 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	76.0
111	40.8	36.2	54.4

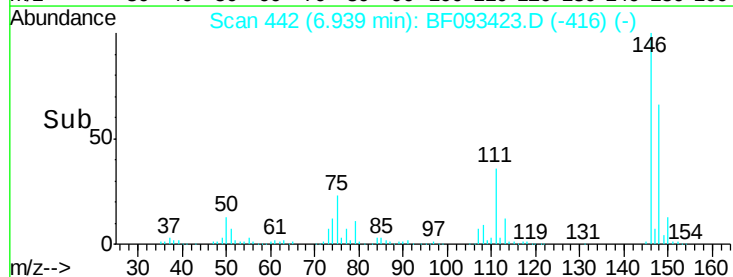
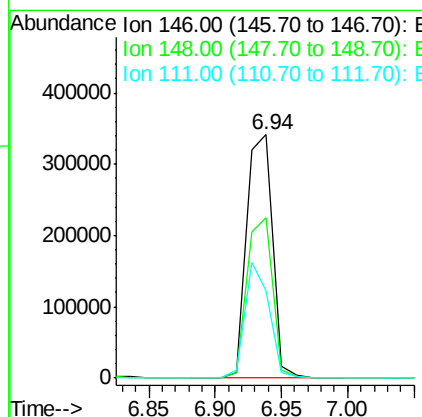
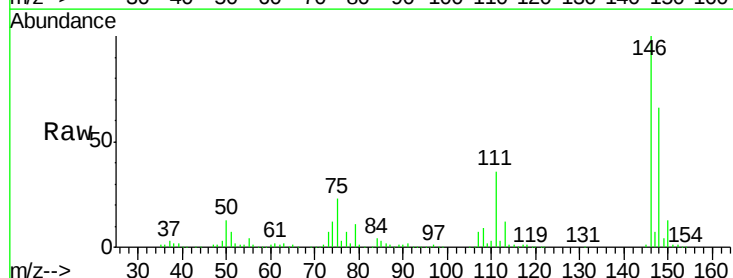
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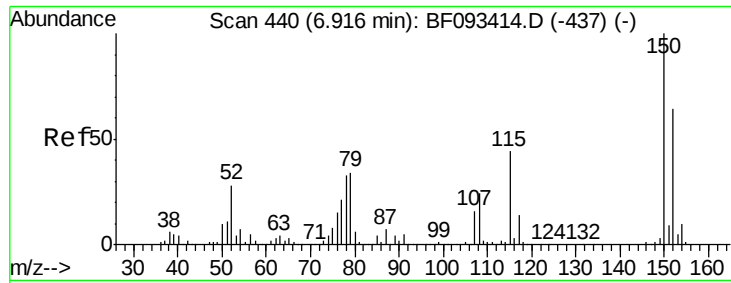
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#14
 1,2-Dichlorobenzene
 Concen: 38.18 ng m
 RT: 6.94 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.2	78.2
111	35.8	36.2	54.2#





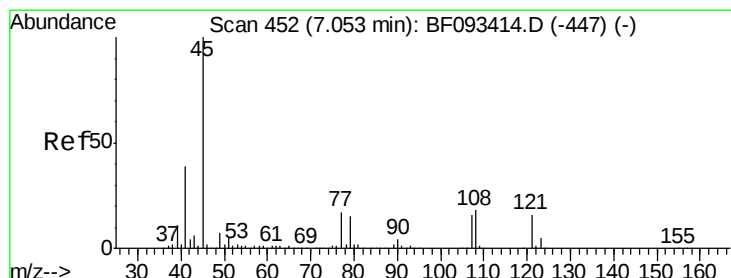
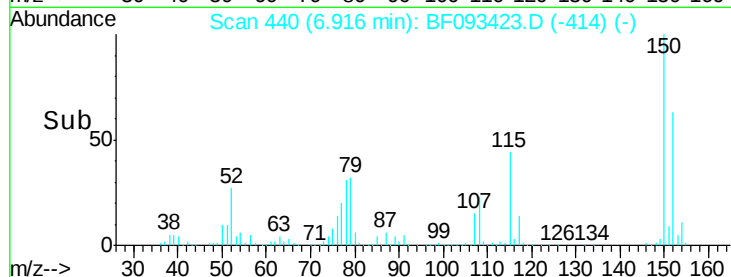
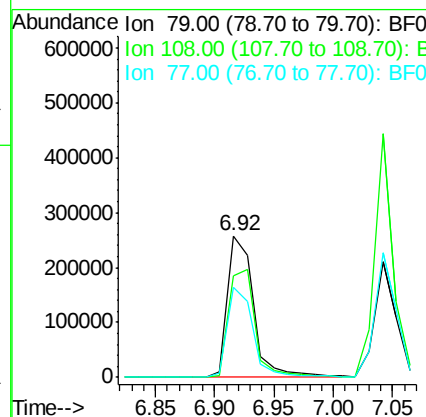
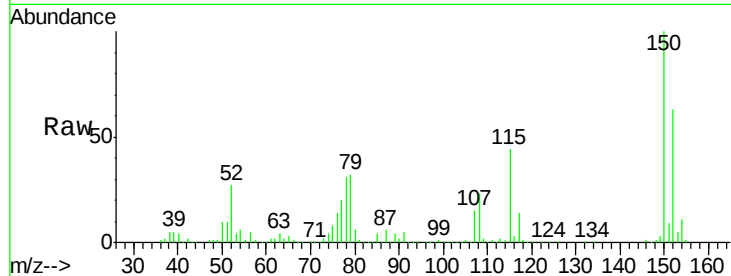
#15
Benzyl Alcohol
Concen: 40.78 ng
RT: 6.92 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.1	61.4	92.0
77	63.9	50.9	76.3

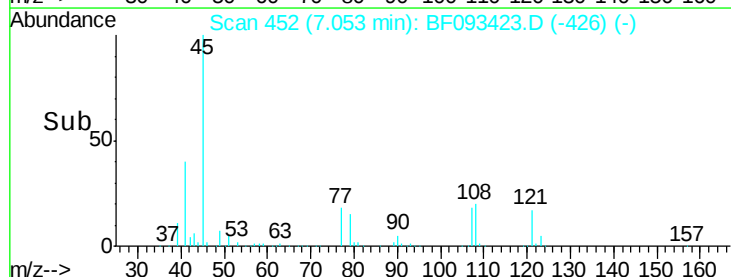
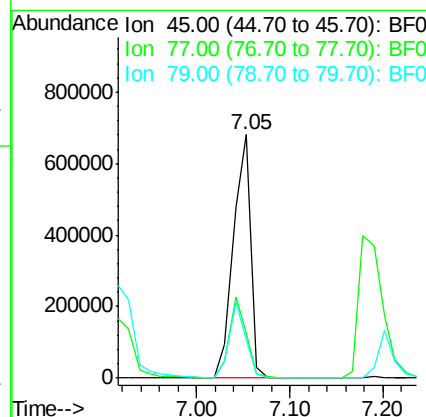
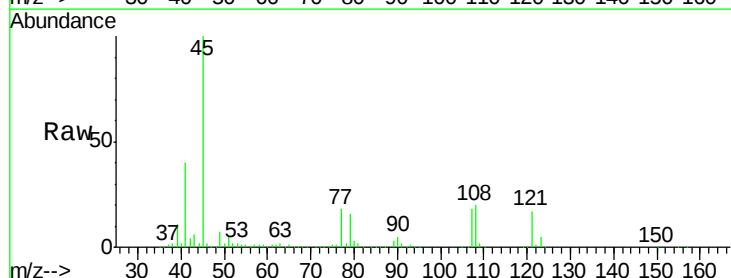
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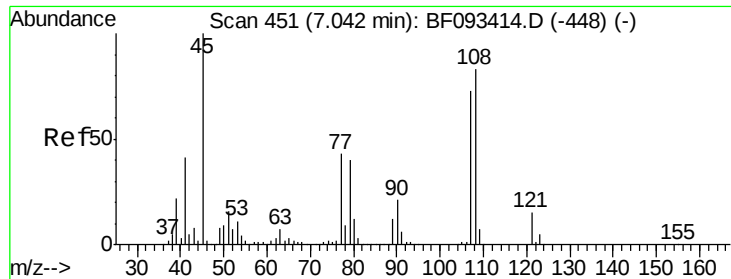
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.93 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.4	0.0	34.6
79	16.2	0.0	31.2





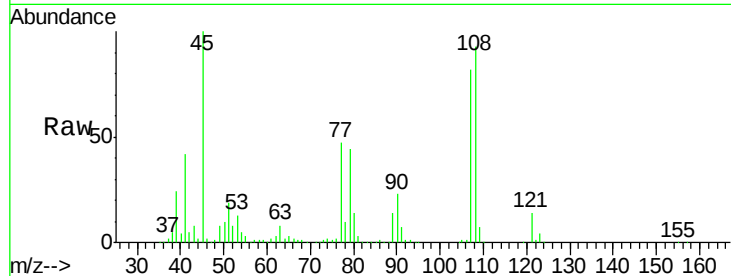
#17
2-Methylphenol
Concen: 41.77 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

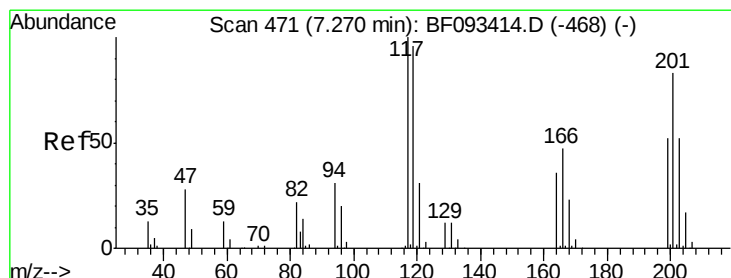
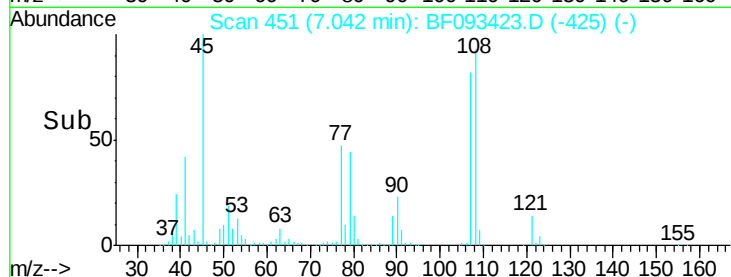
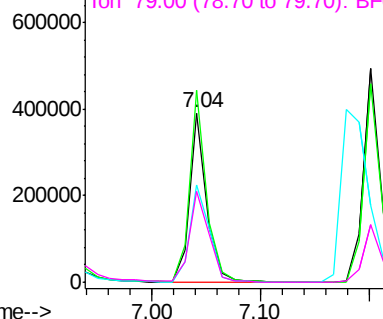
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	113.6	93.0	139.6		
77	57.9	39.8	59.8		
79	54.1	38.0	57.0		

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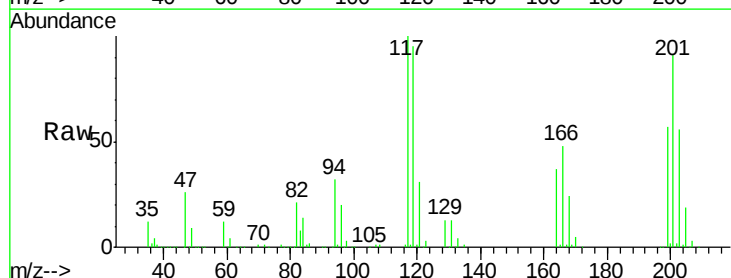


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

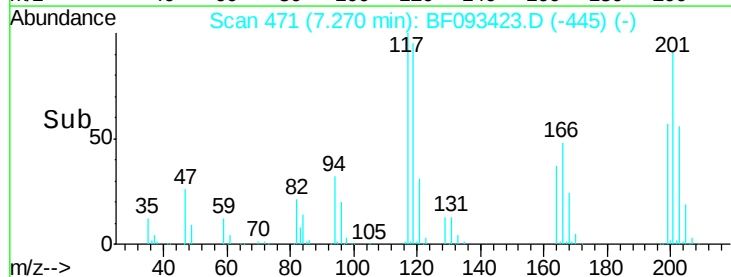
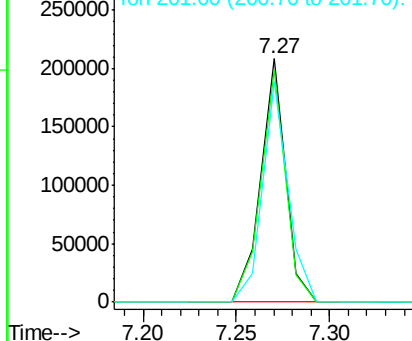


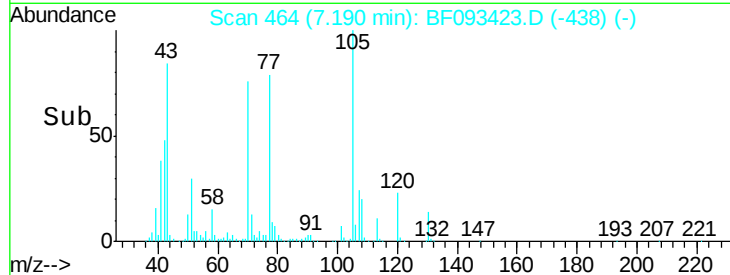
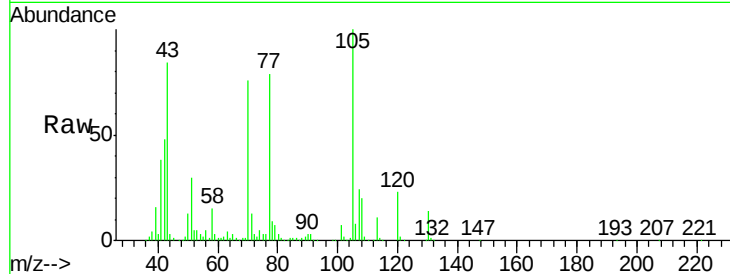
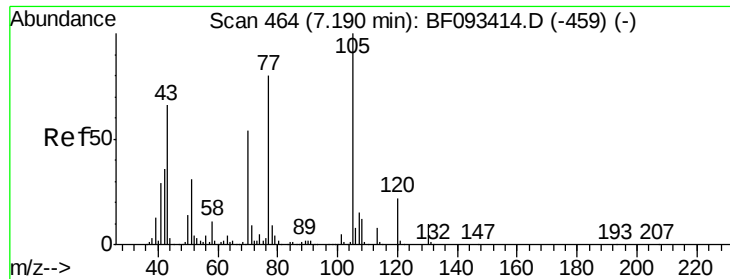
#18
Hexachloroethane
Concen: 40.38 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	95.4	78.1	117.1		
201	90.5	78.6	117.8		



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





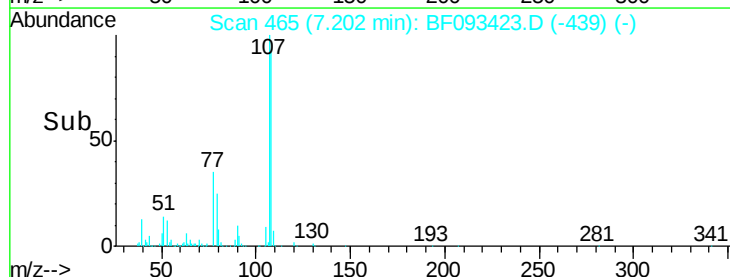
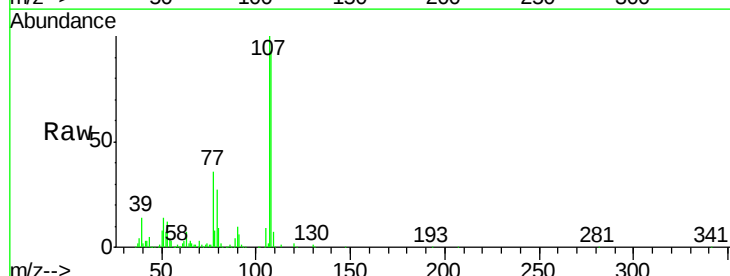
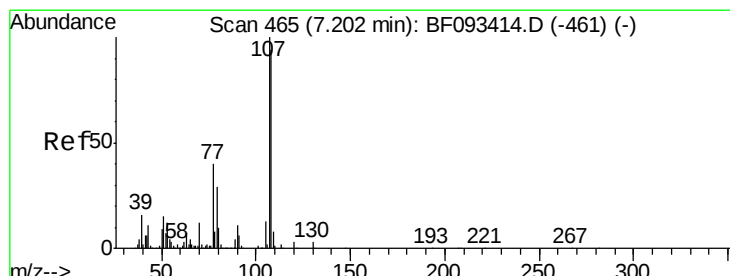
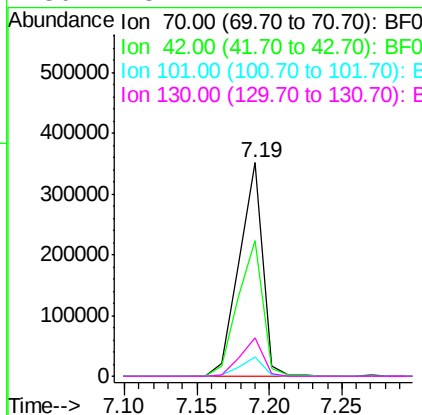
#19
n-Nitroso-di-n-propylamine
Concen: 42.67 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.6	49.4	74.0
101	9.1	7.4	11.2
130	18.2	14.2	21.4

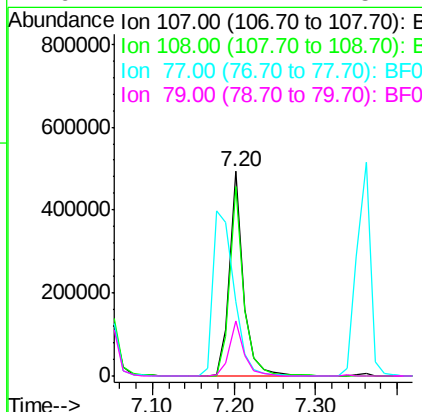
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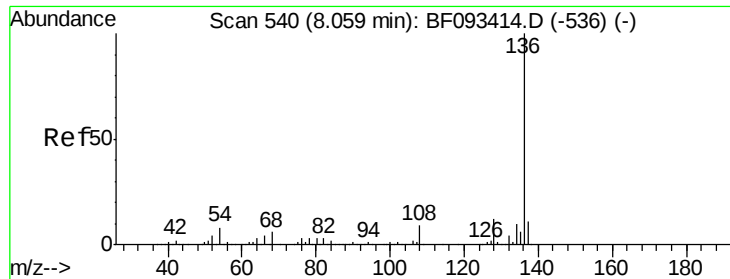
mohammad
3/8/2017 1:45:54 PM



#20
3+4-Methylphenols
Concen: 43.88 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.7	73.0	113.0
77	36.1	71.3	111.3
79	27.2	11.1	51.1





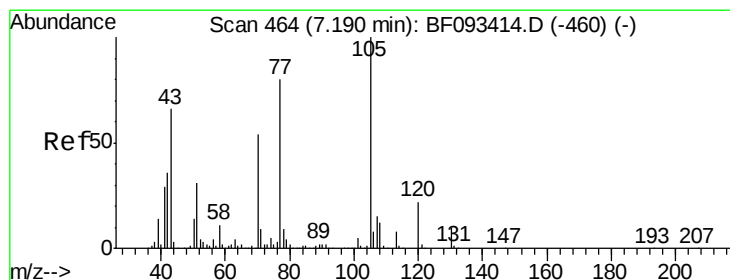
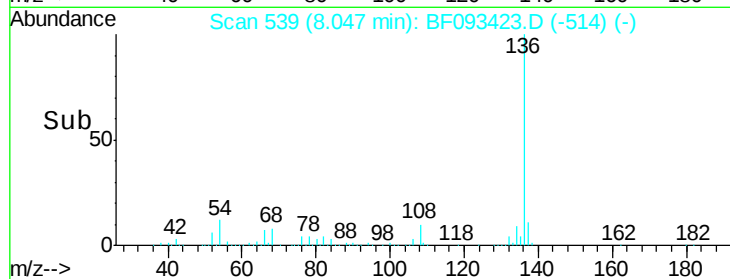
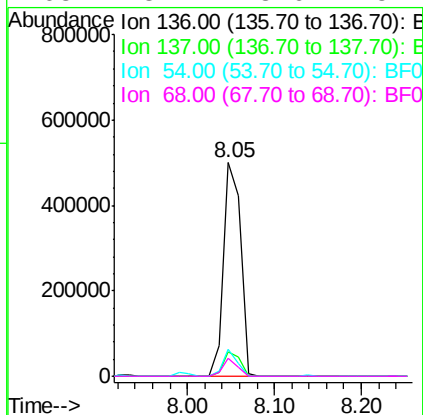
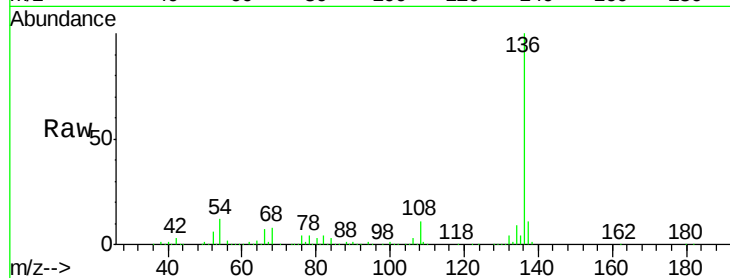
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	691251		
137	11.3	8.4	12.6	
54	12.3	4.5	6.7#	
68	8.4	3.6	5.4#	

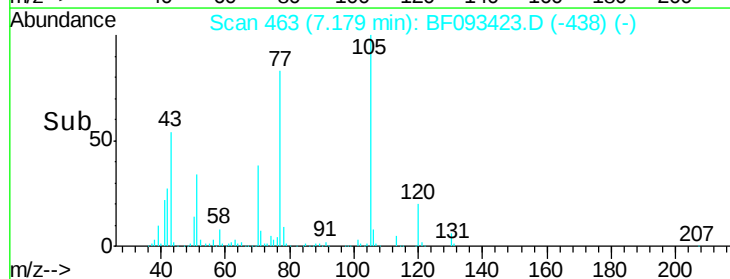
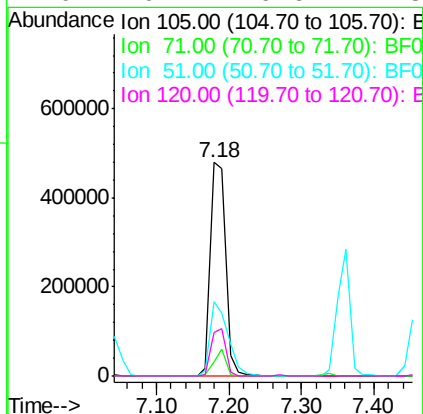
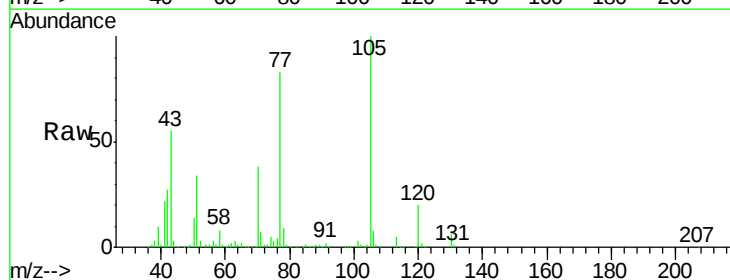
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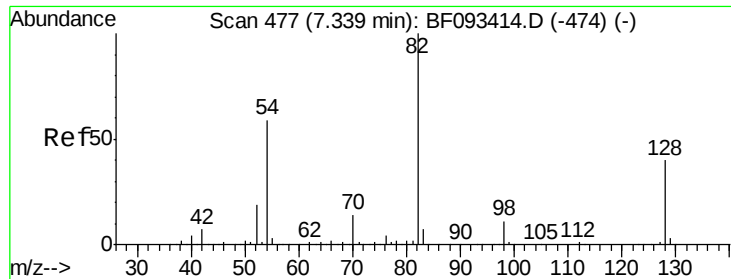
mohammad
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#22
Acetophenone
Concen: 42.33 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	704130		
71	6.6	3.2	4.8#	
51	34.5	26.2	39.4	
120	20.4	16.6	24.8	





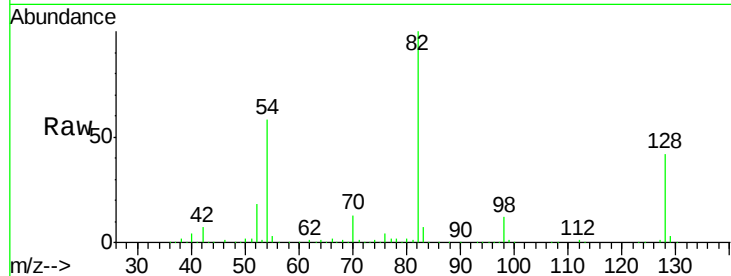
#23
 Nitrobenzene-d5
 Concen: 81.40 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BSD

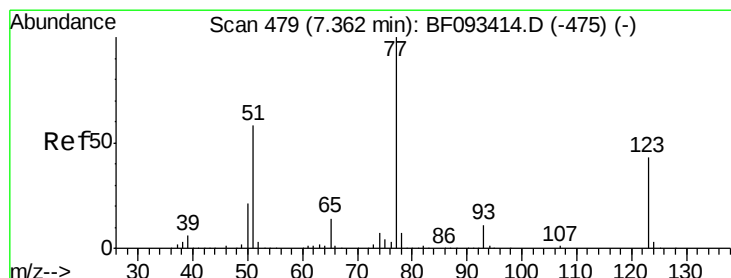
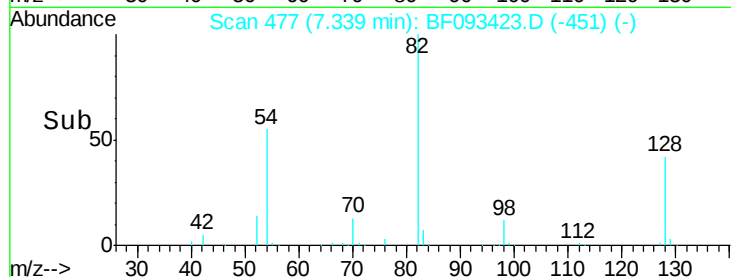
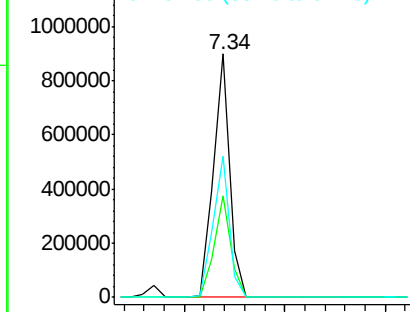
Tot Ion: 82 Resp: 1014065
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.6 52.0
 54 57.9 39.5 59.3

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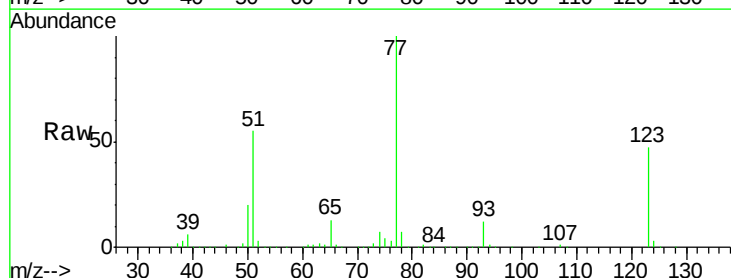


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

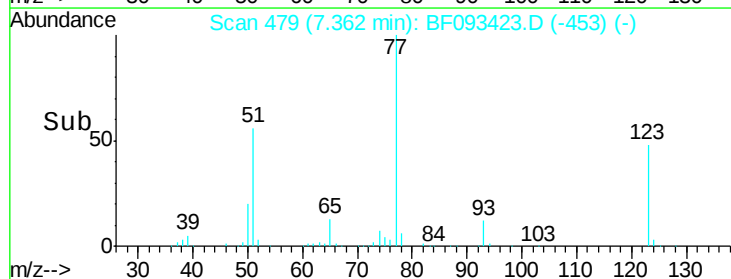
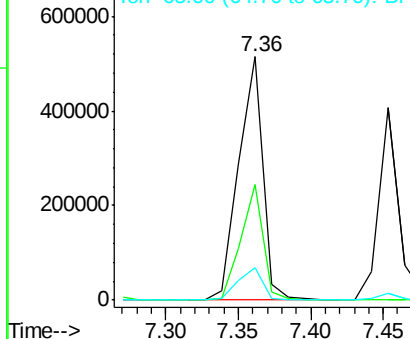


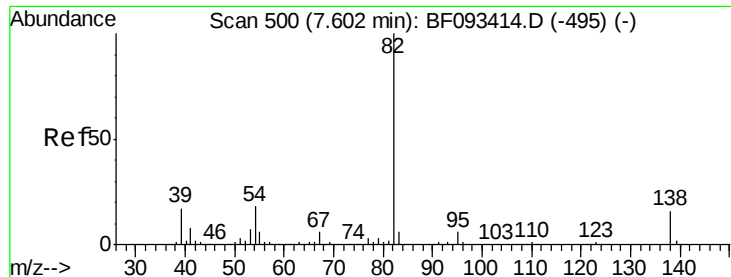
#24
 Nitrobenzene
 Concen: 42.10 ng
 RT: 7.36 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Tgt Ion: 77 Resp: 589550
 Ion Ratio Lower Upper
 77 100
 123 47.3 33.0 49.4
 65 13.2 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.20 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

PB97390BSD

Tot Ion: 82 Resp: 1060263

Ion Ratio Lower Upper

82 100

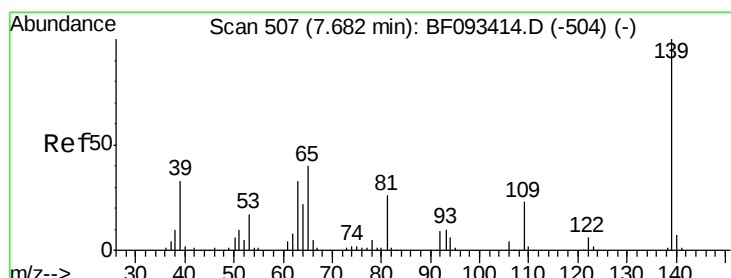
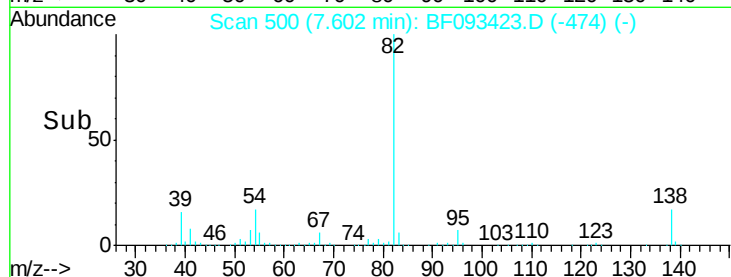
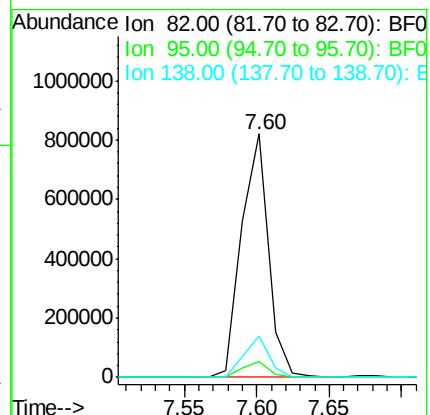
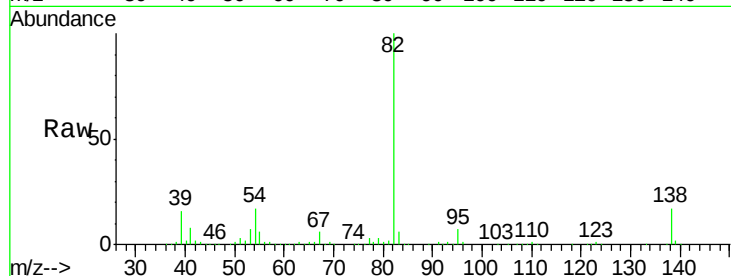
95 6.6 5.6 8.4

138 16.9 14.6 22.0

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#26

2-Nitrophenol

Concen: 44.19 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

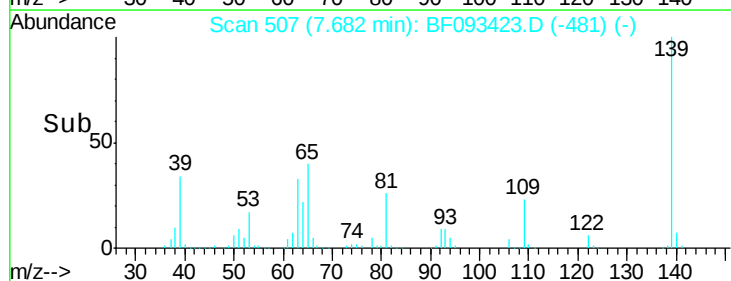
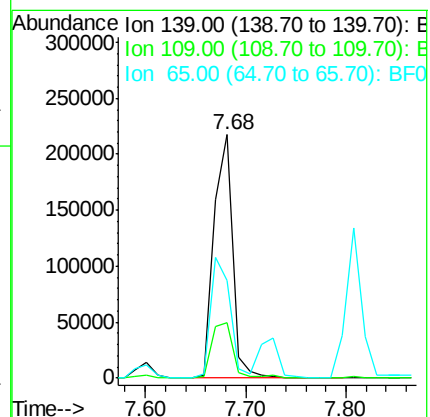
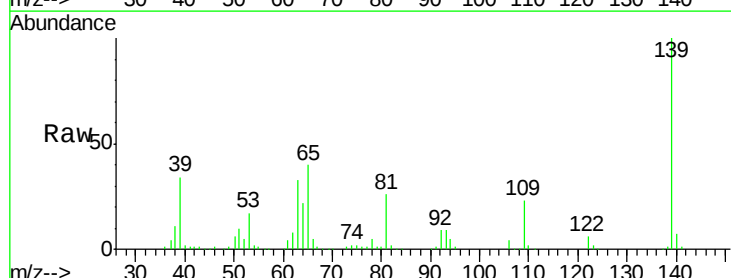
Tgt Ion: 139 Resp: 282291

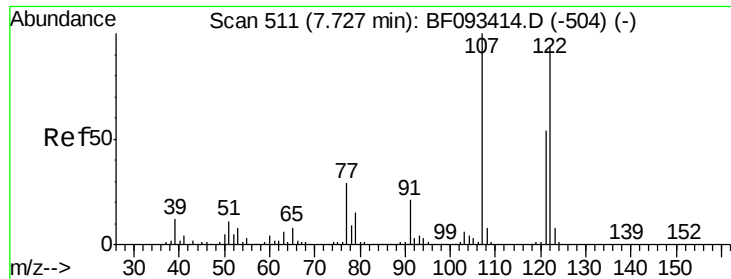
Ion Ratio Lower Upper

139 100

109 22.5 23.3 34.9#

65 40.4 42.7 64.1#





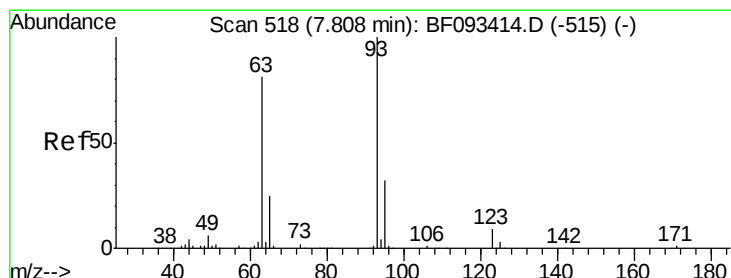
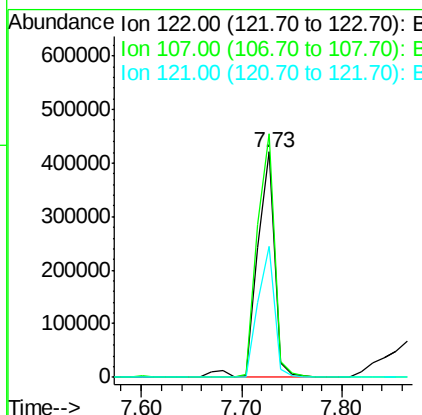
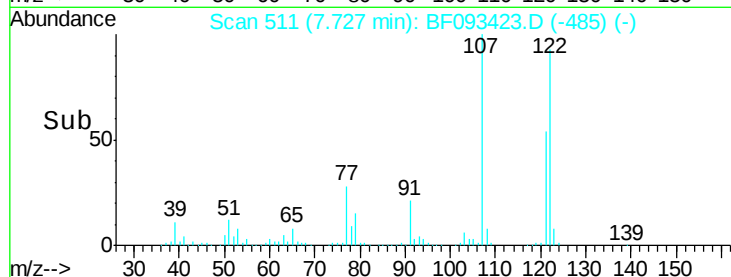
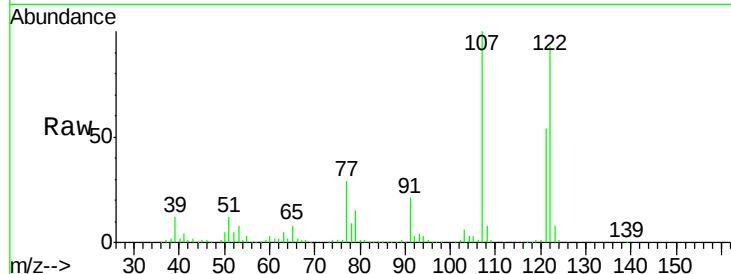
#27
 2,4-Dimethylphenol
 Concen: 48.19 ng
 RT: 7.73 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	500844		
107	108.0		94.1	141.1
121	58.1		46.0	69.0

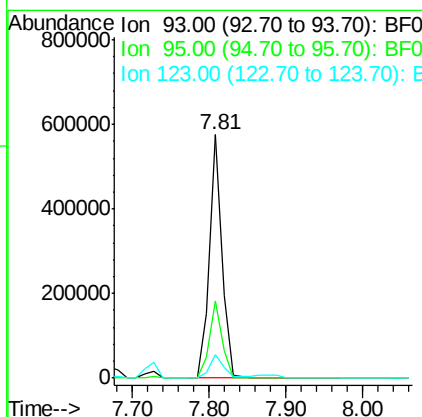
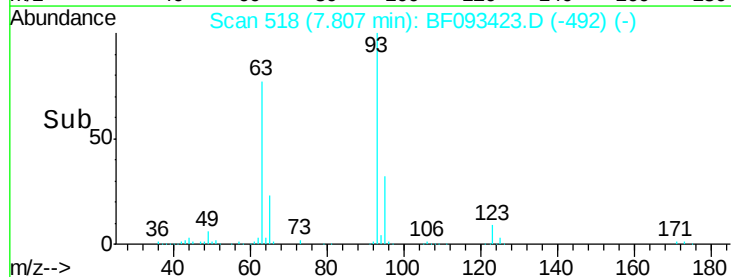
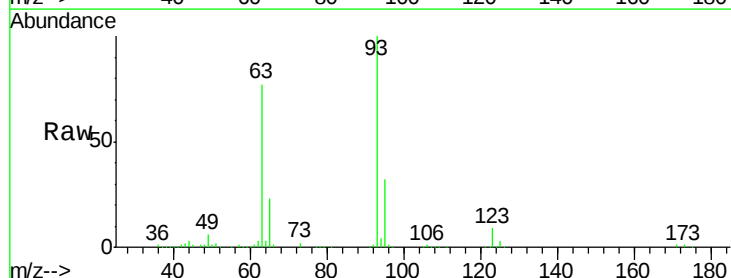
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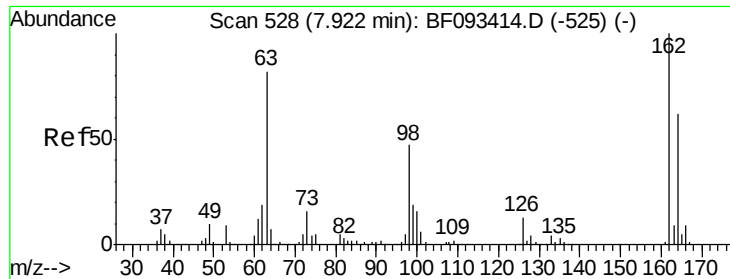
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.60 ng
 RT: 7.81 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	643919		
95	32.0		26.5	39.7
123	9.4		8.6	13.0





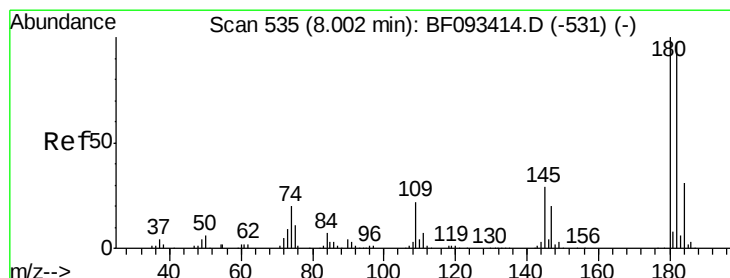
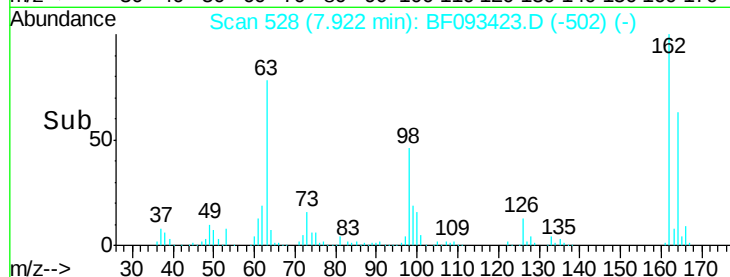
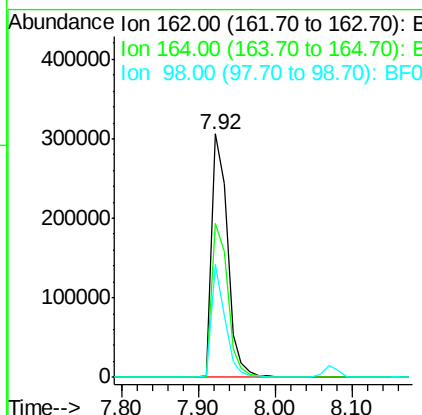
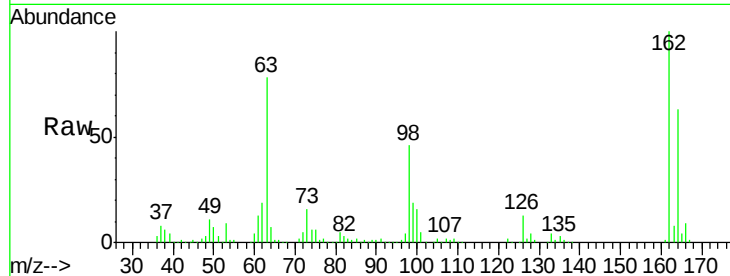
#29
2,4-Dichlorophenol
Concen: 44.76 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	437563		
164	63.2	46.8	86.8	
98	46.5	9.1	49.1	

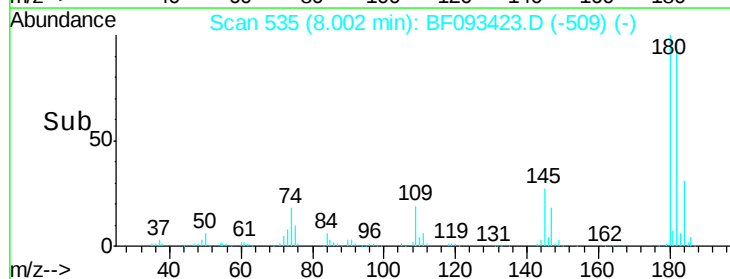
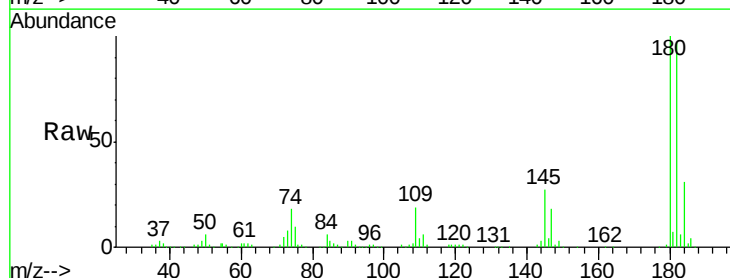
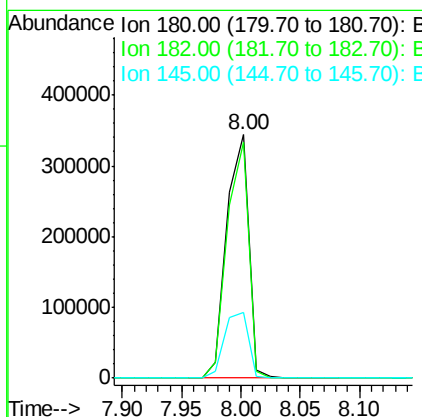
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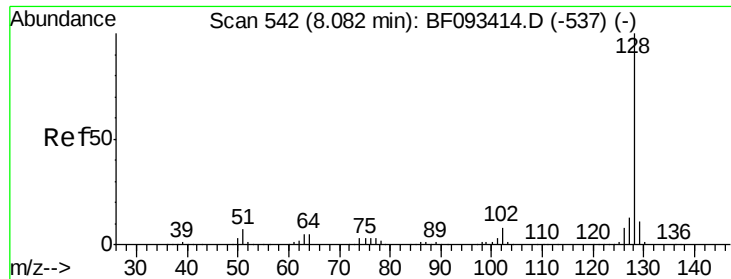
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#30
1,2,4-Trichlorobenzene
Concen: 42.53 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	442196		
182	96.9	78.2	117.4	
145	27.1	21.6	32.4	





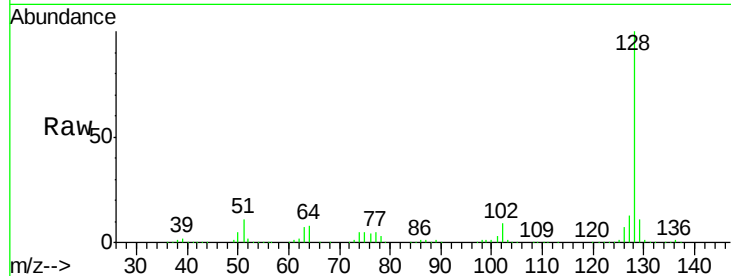
#31
Naphthalene
Concen: 39.52 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

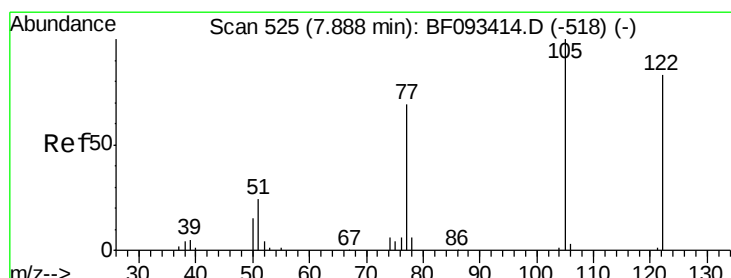
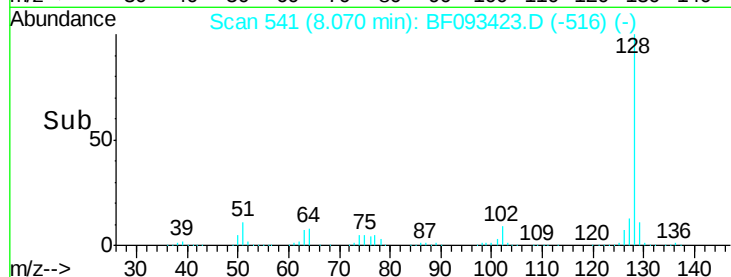
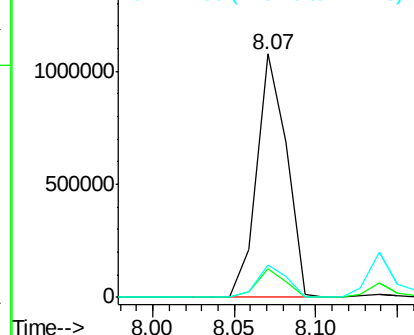
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.5	14.3
127	13.5	10.8	16.2

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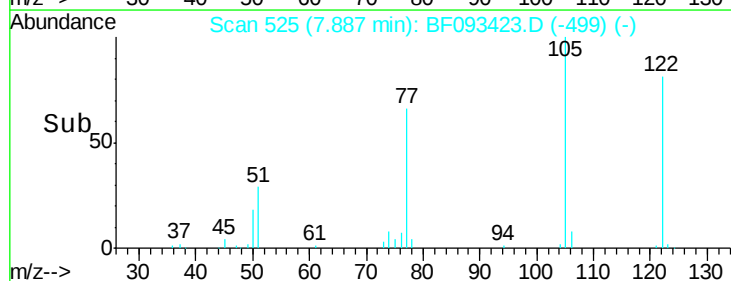
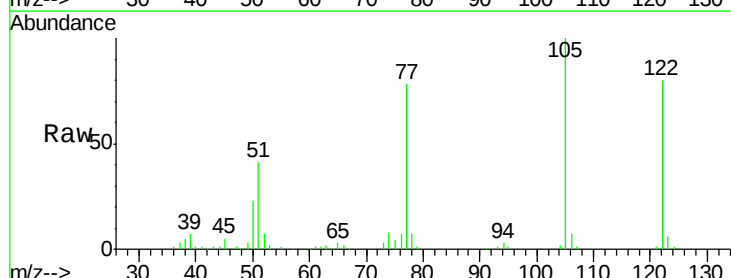
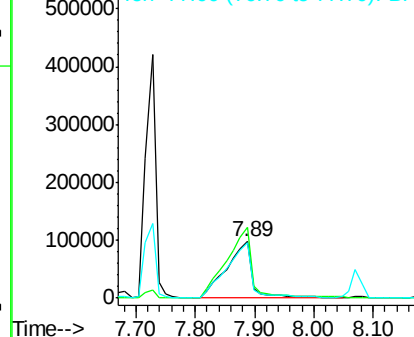
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

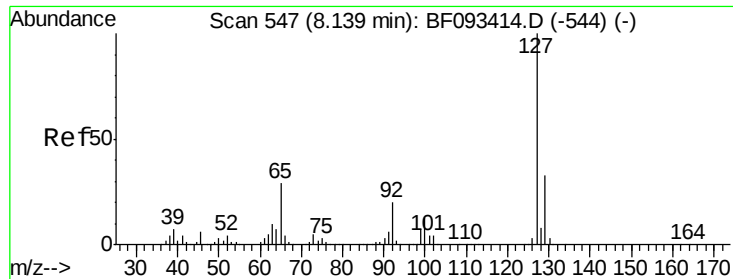


#32
Benzoic acid
Concen: 53.83 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.9	107.2	147.2
77	97.9	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





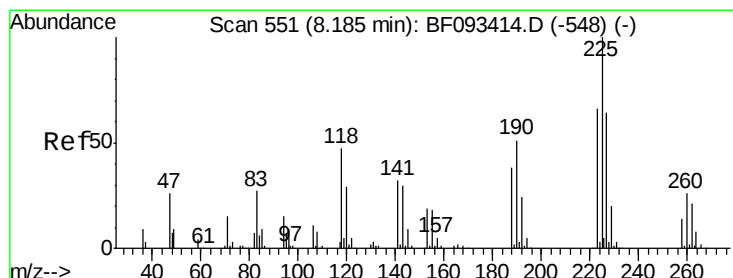
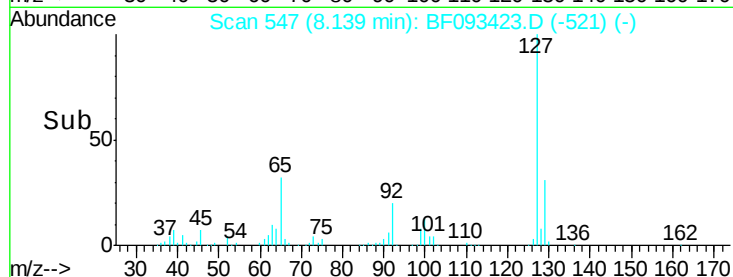
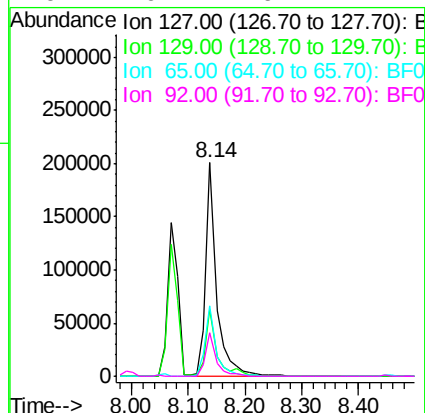
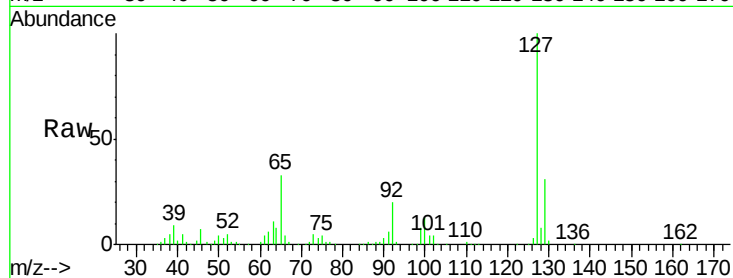
#33
4-Chloroaniline
Concen: 18.46 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	26.3	39.5		
65	32.9	25.8	38.8		
92	20.1	16.1	24.1		

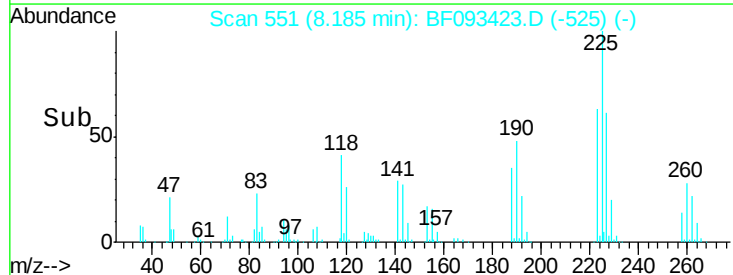
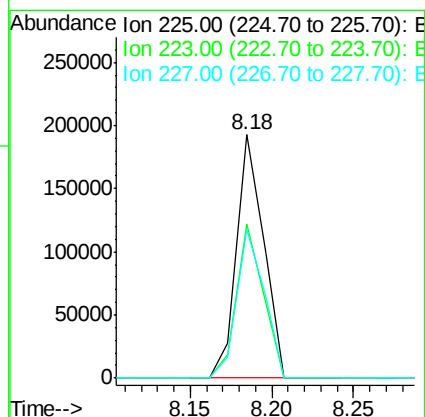
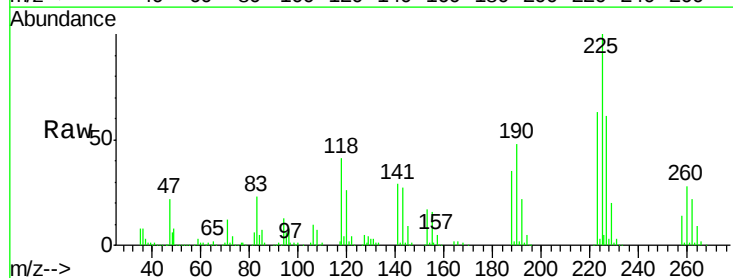
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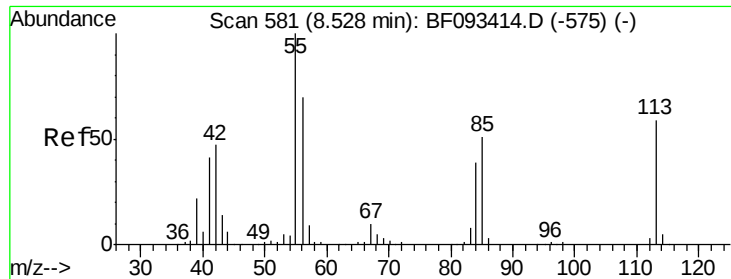
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#34
Hexachlorobutadiene
Concen: 40.94 ng
RT: 8.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	51.0	76.6		
227	61.3	50.6	76.0		





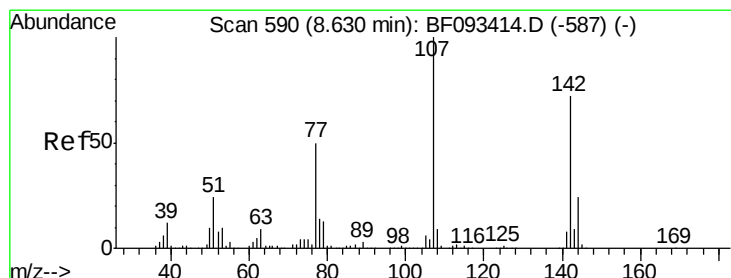
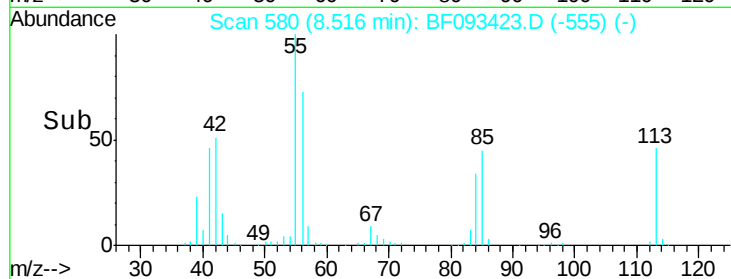
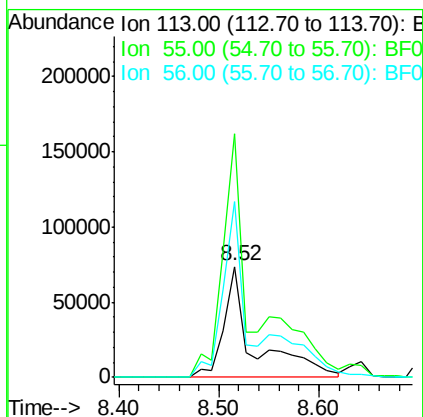
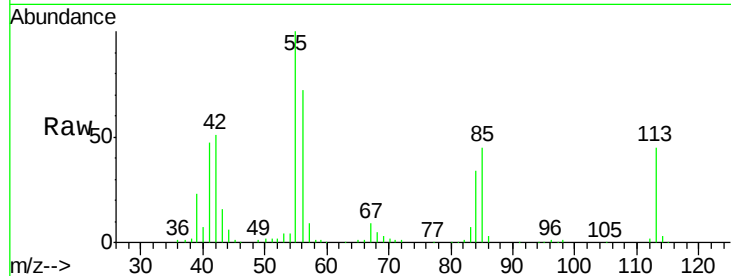
#35
 Caprolactam
 Concen: 45.61 ng/ml
 RT: 8.52 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleID :
 PB97390BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	220.3	119.2	159.2#
56	159.2	83.8	123.8#

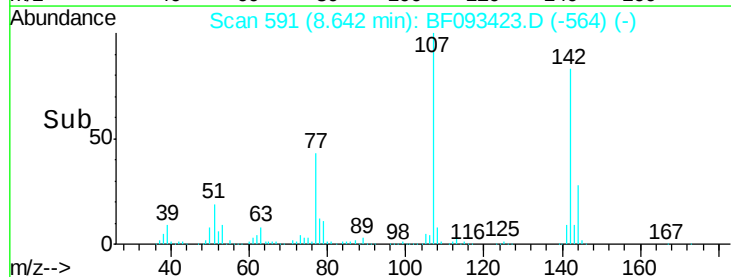
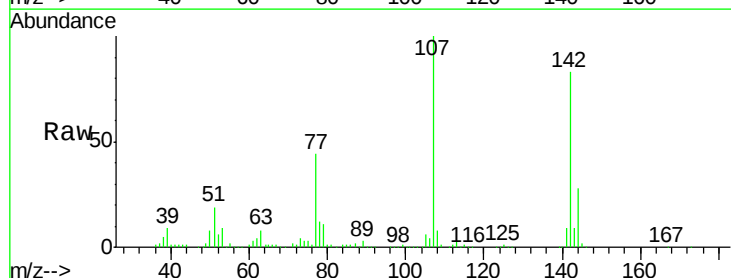
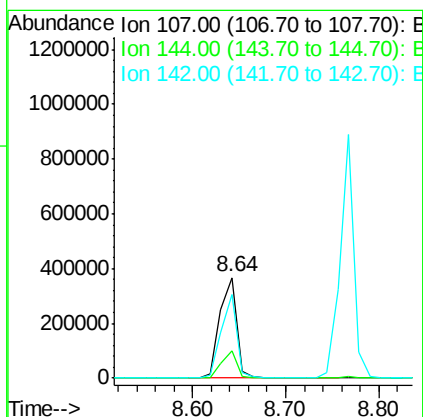
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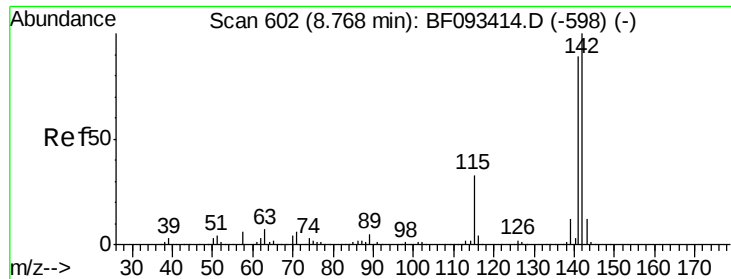
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#36
 4-Chloro-3-methylphenol
 Concen: 44.06 ng/ml
 RT: 8.64 min Scan# 591
 Delta R.T. 0.01 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	19.3	28.9
142	83.3	59.0	88.6





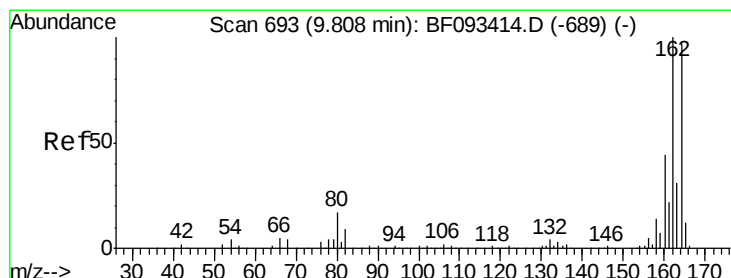
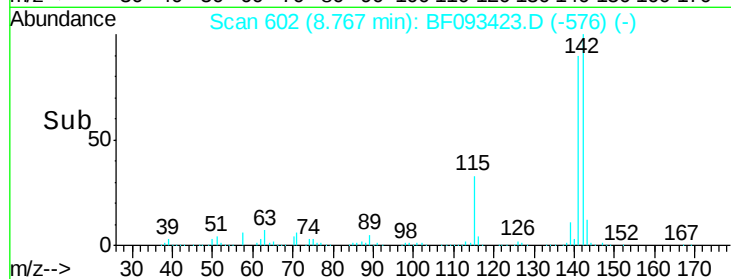
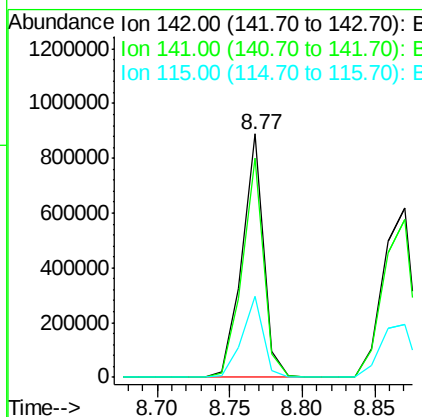
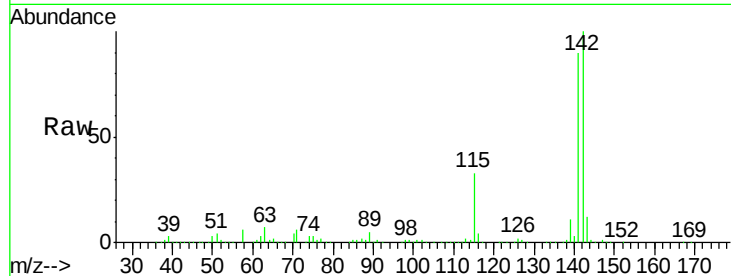
#37
2-Methylnaphthalene
Concen: 41.44 ng
RT: 8.77 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	33.1	28.3	42.5

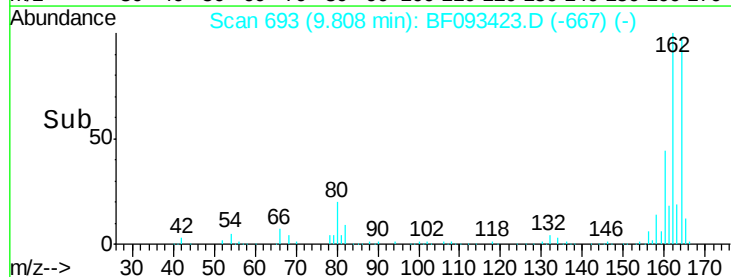
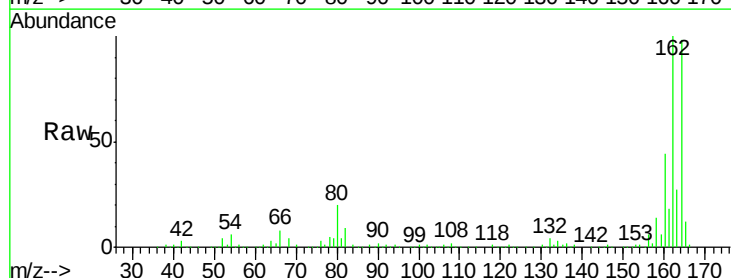
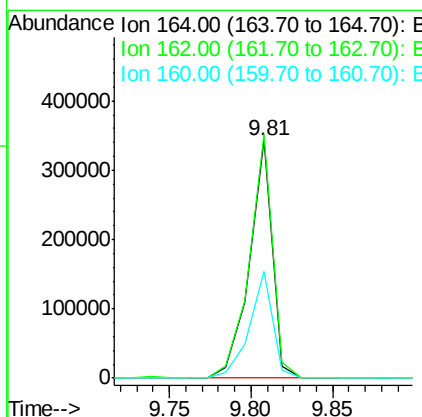
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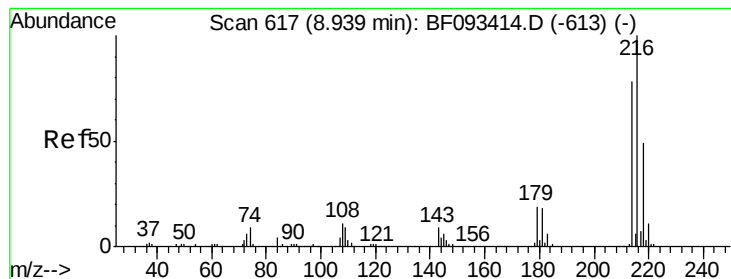
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.2	120.2
160	44.9	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.91 ng

RT: 8.94 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA_F

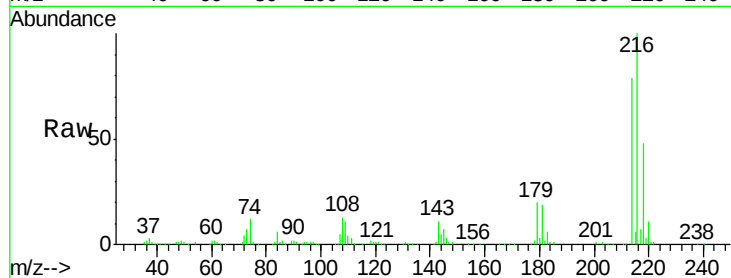
ClientSampleId :

PB97390BSD

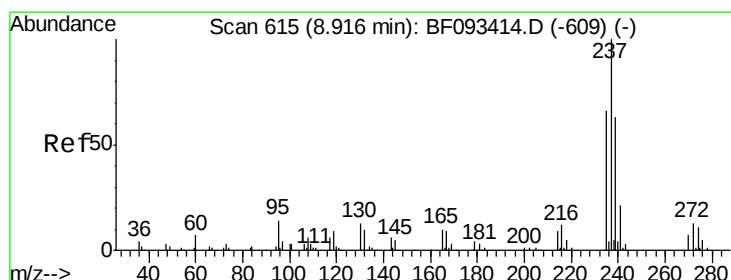
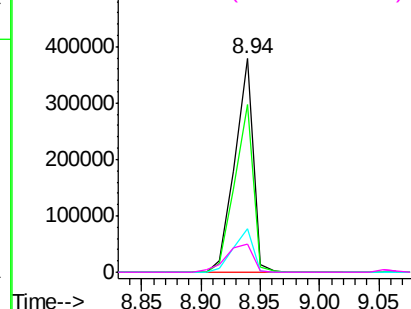
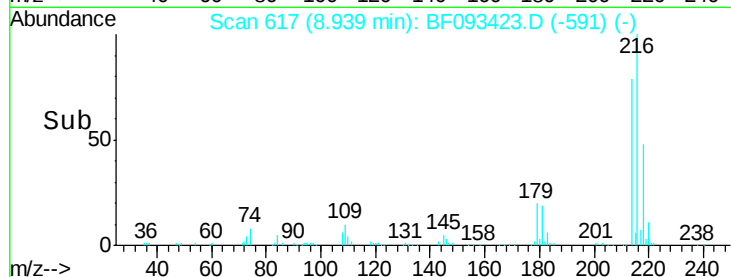
Tot Ion	Ratio	Resp	Lower	Upper
216	100	409141		
214	79.8	63.4	95.0	
179	21.7	17.4	26.2	
108	19.6	15.6	23.4	

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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: 93.85 ng

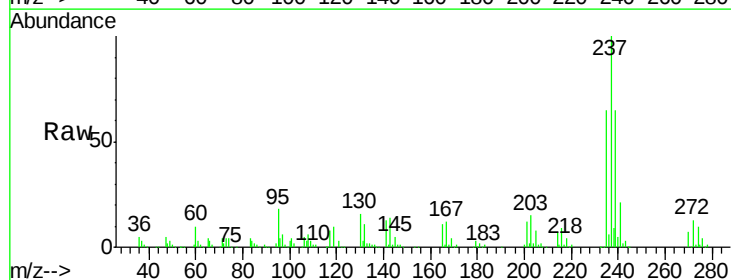
RT: 8.92 min Scan# 615

Delta R.T. -0.00 min

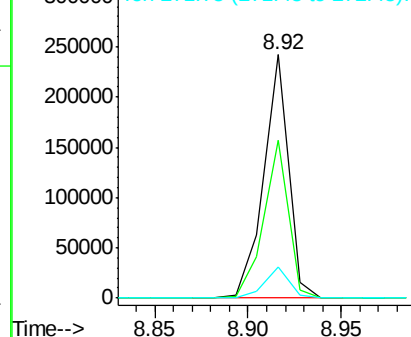
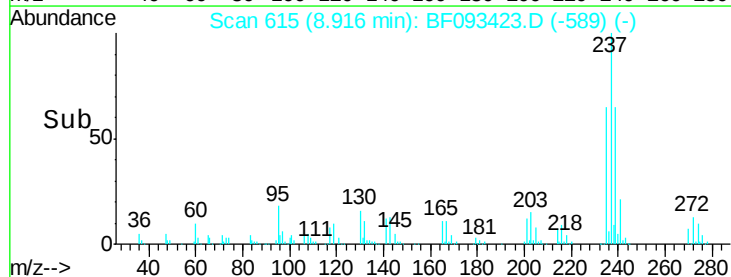
Lab File: BF093423.D

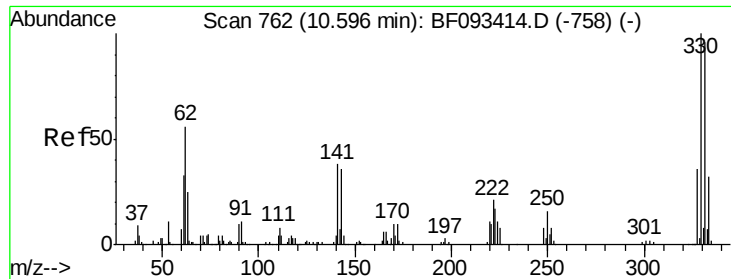
Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	221419		
235	64.6	41.2	81.2	
272	12.6	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





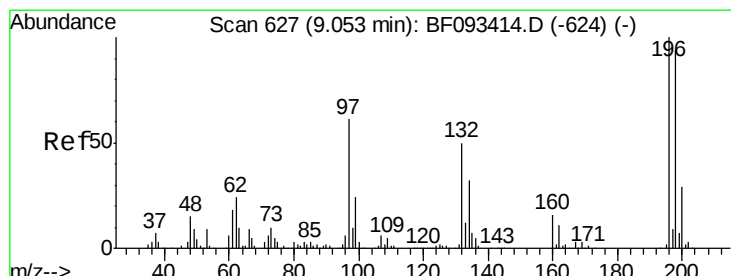
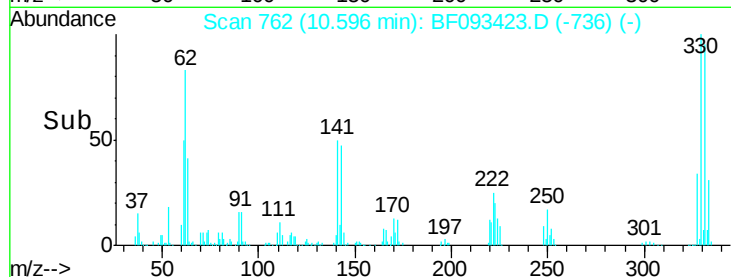
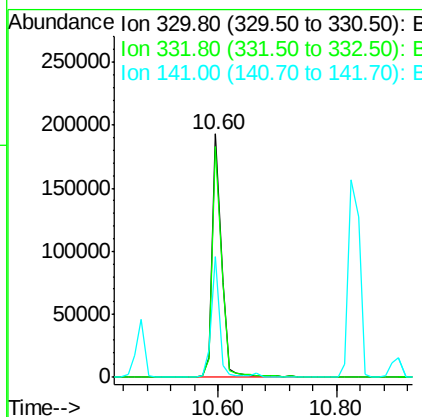
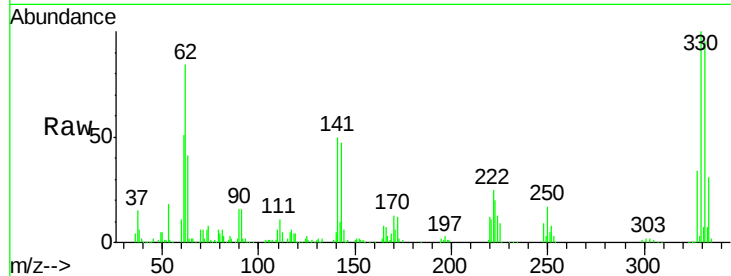
#41
 2,4,6-Tribromophenol
 Concen: 97.27 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleID :
 PB97390BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.2
141	43.3	34.1	51.1

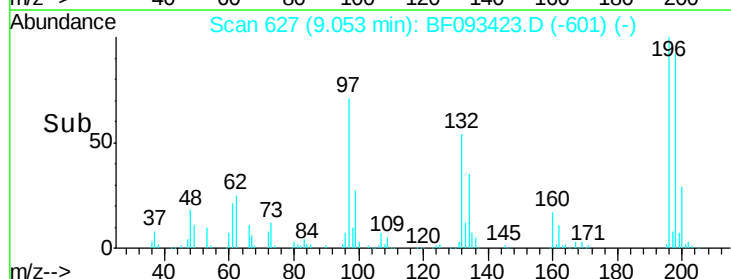
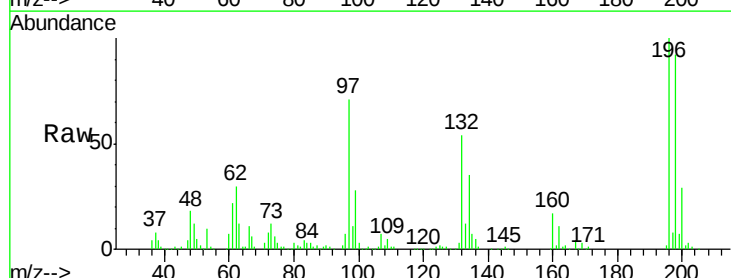
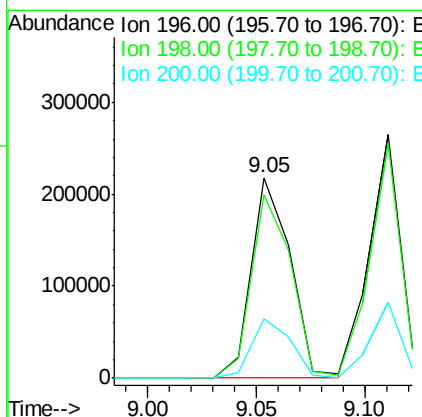
Manual Integrations
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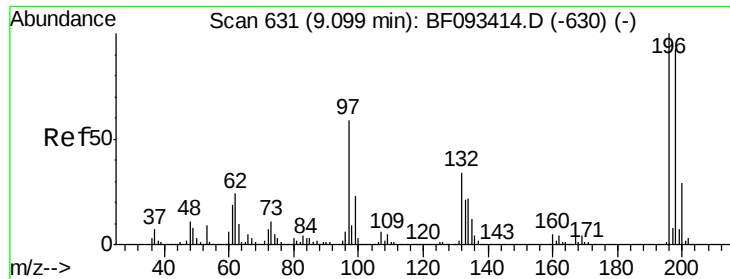
mohammad
 3/8/2017 1:45:54 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.82 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.5	82.1	123.1
200	29.3	27.0	40.4





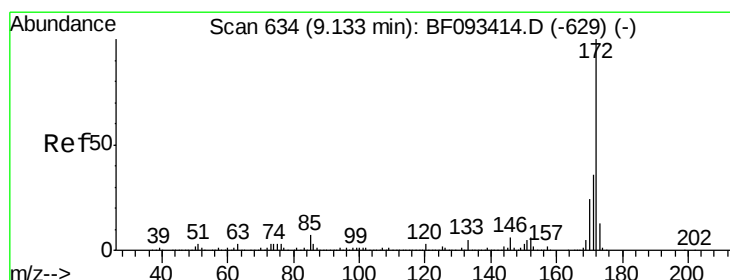
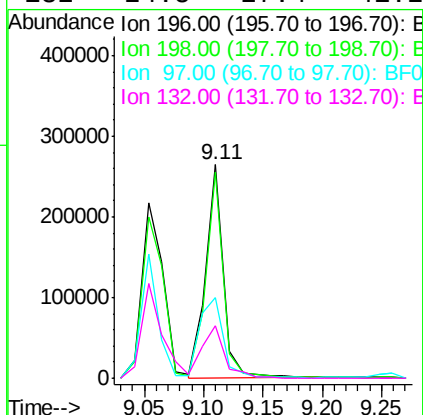
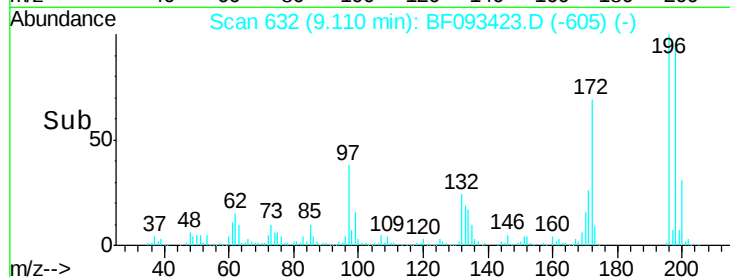
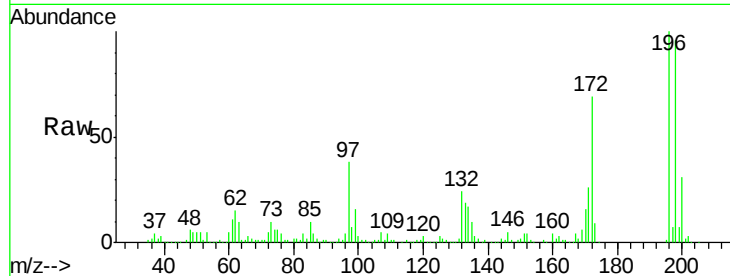
#43
2,4,5-Trichlorophenol
Concen: 45.26 ng
RT: 9.11 min Scan# 632
Delta R.T. 0.01 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	276429		
198	96.4	79.4	119.2	
97	37.9	51.5	77.3	
132	24.5	27.4	41.2	

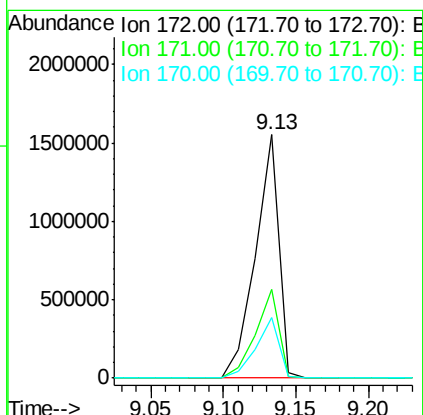
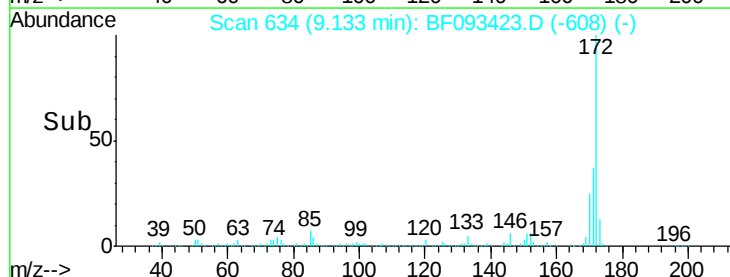
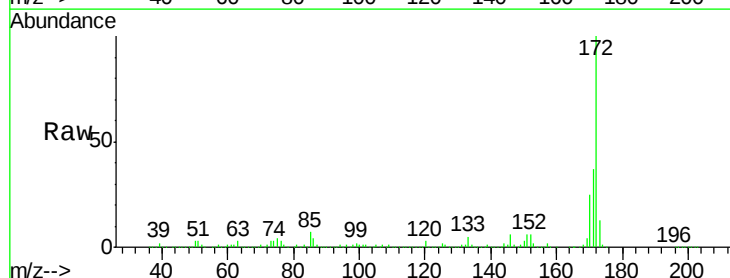
Manual Integrations
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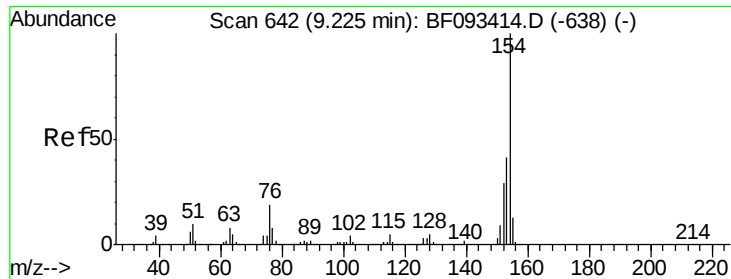
mohammad
3/8/2017 1:45:54 PM



#44
2-Fluorobiphenyl
Concen: 97.19 ng
RT: 9.13 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1743444		
171	36.7	29.4	44.0	
170	24.7	20.2	30.4	





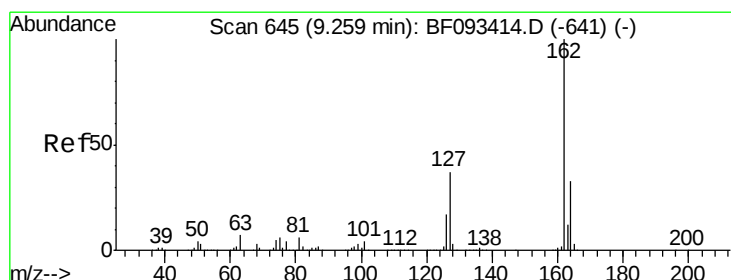
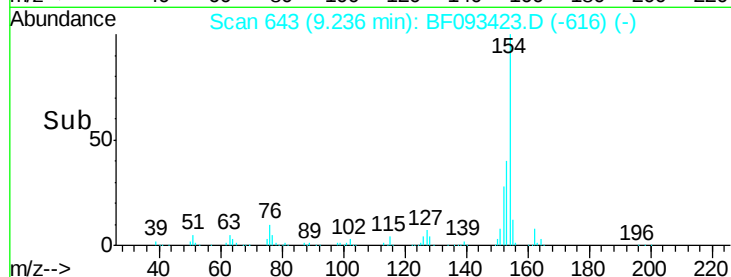
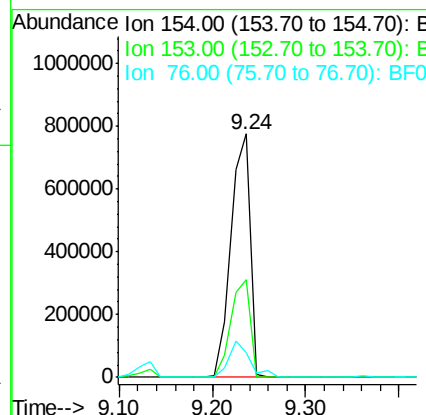
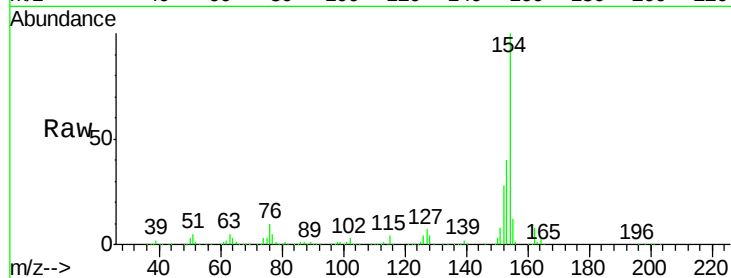
#45
 1,1'-Biphenyl
 Concen: 46.00 ng
 RT: 9.24 min Scan# 643
 Delta R.T. 0.01 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampled :
 PB97390BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.9	60.9
76	10.1	0.0	30.5

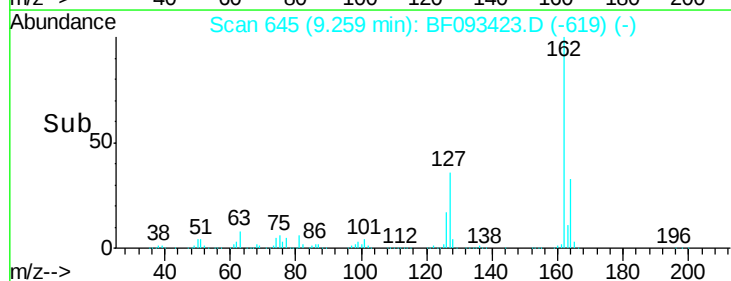
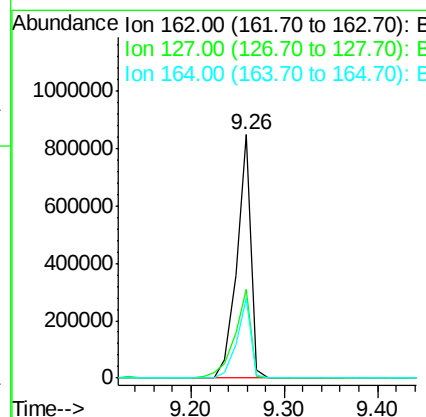
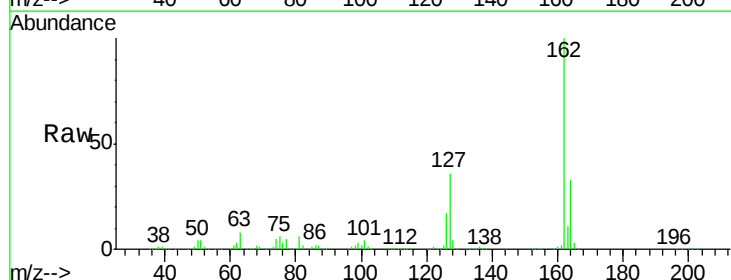
Manual Integrations
 APPROVED

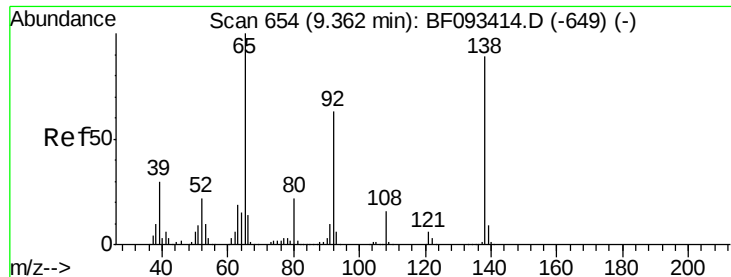
mohammad
 3/8/2017 1:45:54 PM



#46
 2-Chloronaphthalene
 Concen: 48.18 ng
 RT: 9.26 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.4	30.7	46.1
164	33.0	27.6	41.4





#47

2-Nitroaniline

Concen: 43.87 ng

RT: 9.36 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA_F

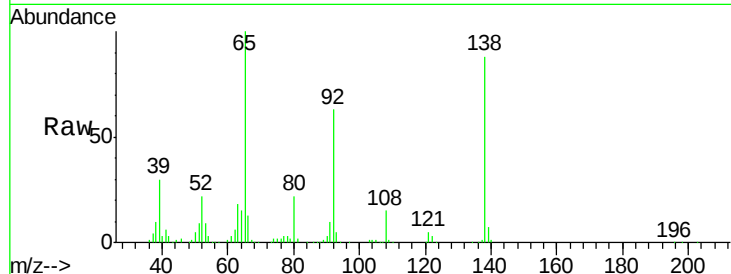
ClientSampleId :

PB97390BSD

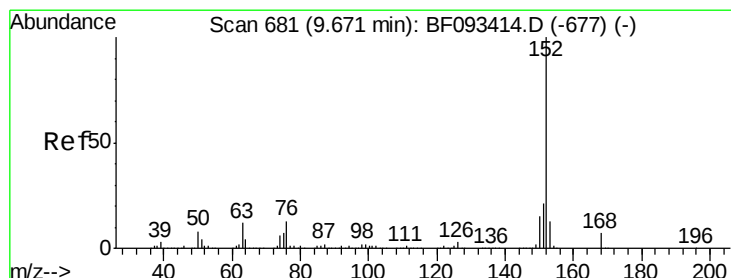
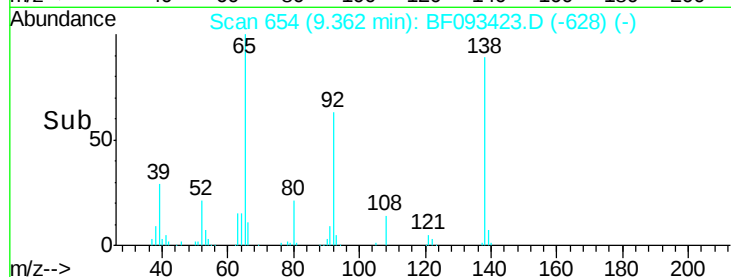
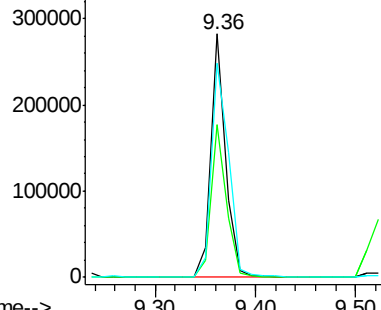
Tot Ion:	65	Resp:	288529
Ion Ratio	Lower	Upper	
65	100		
92	62.6	53.9	80.9
138	87.8	76.8	115.2

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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 43.91 ng

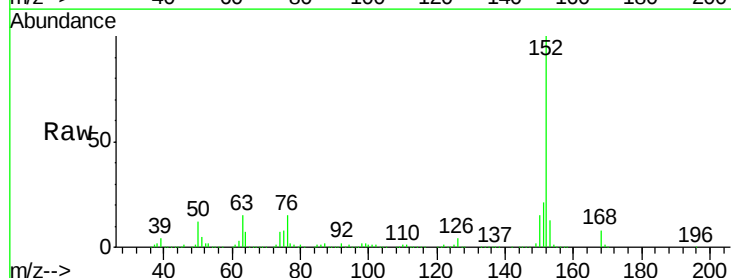
RT: 9.67 min Scan# 681

Delta R.T. -0.00 min

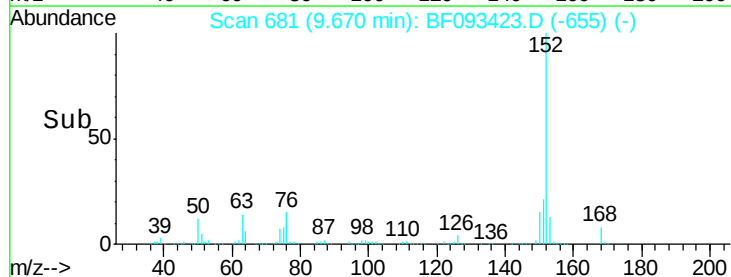
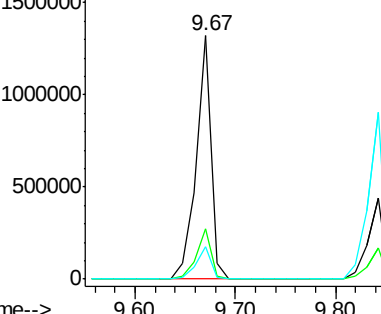
Lab File: BF093423.D

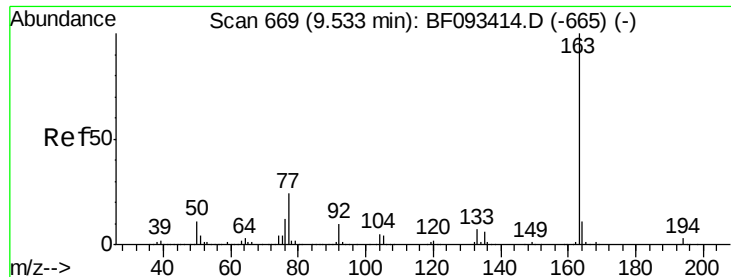
Acq: 7 Mar 2017 17:15

Tgt Ion:	152	Resp:	1347337
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.9	25.3
153	13.3	11.4	17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





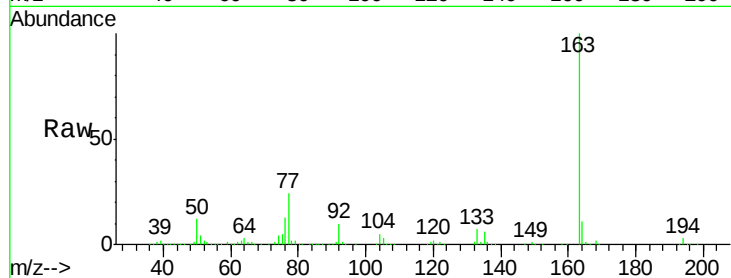
#49
Dimethylphthalate
Concen: 46.01 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

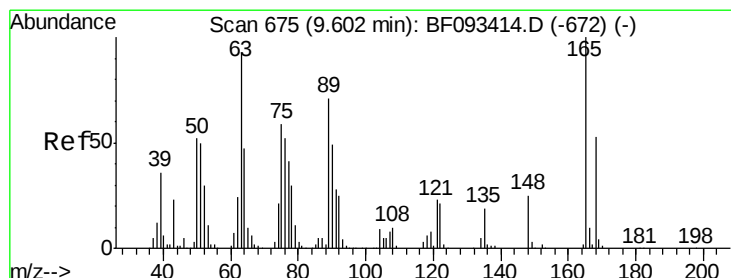
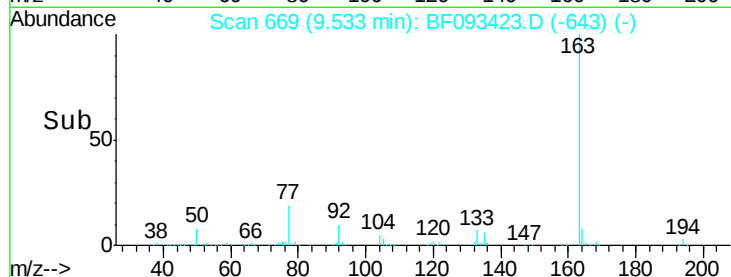
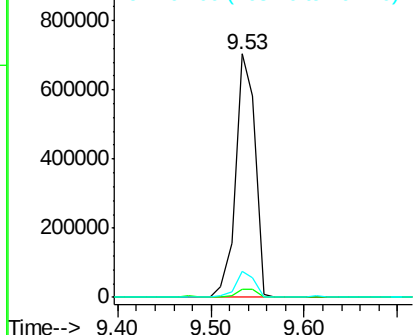
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.7	8.0	12.0

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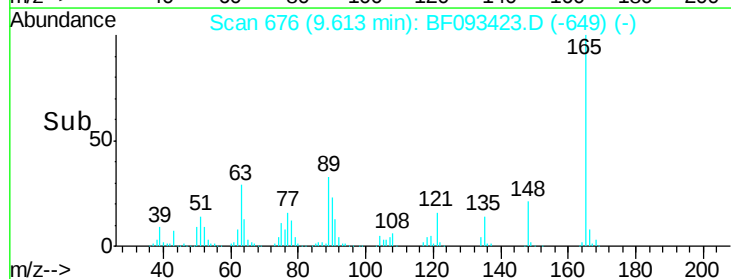
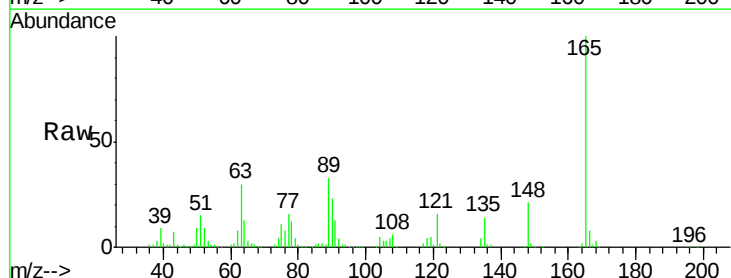
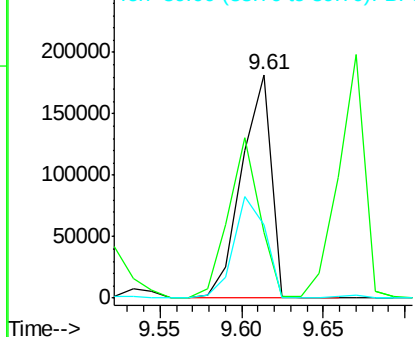
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

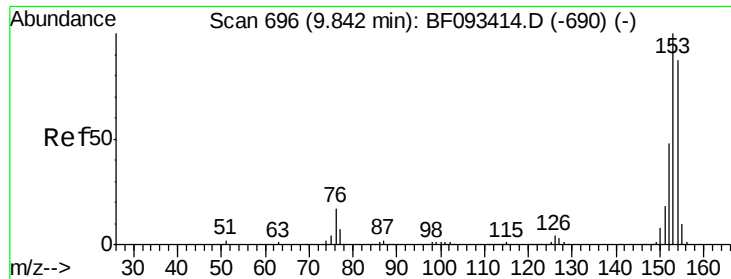


#50
2,6-Dinitrotoluene
Concen: 46.87 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	29.6	36.2	54.4#
89	32.6	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





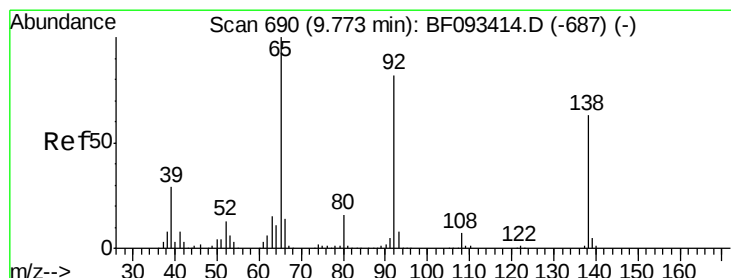
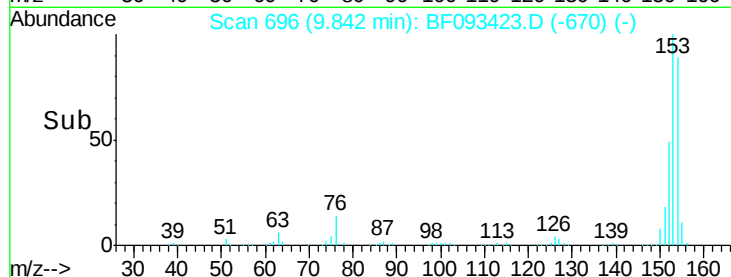
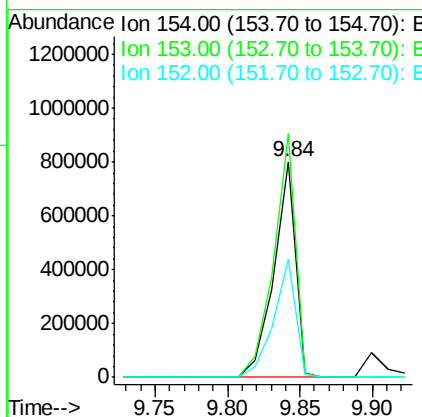
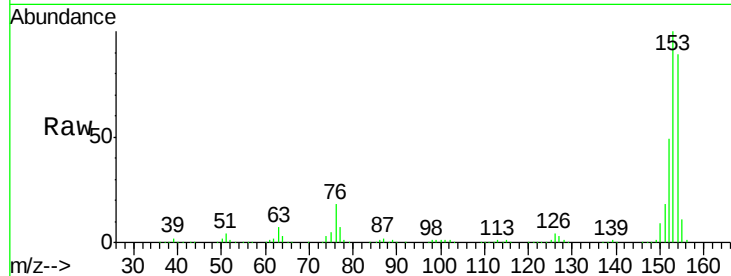
#51
Acenaphthene
Concen: 45.74 ng
RT: 9.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.9	88.6	133.0
152	55.1	41.6	62.4

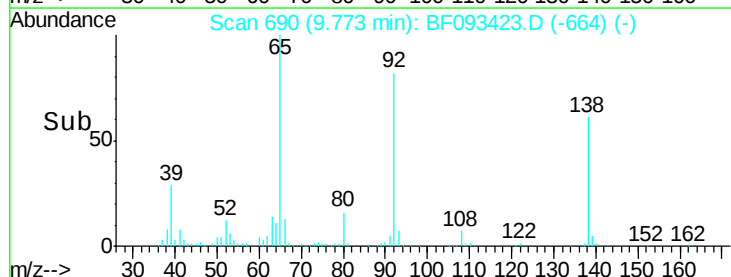
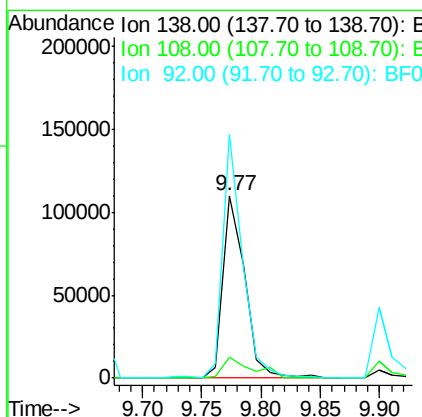
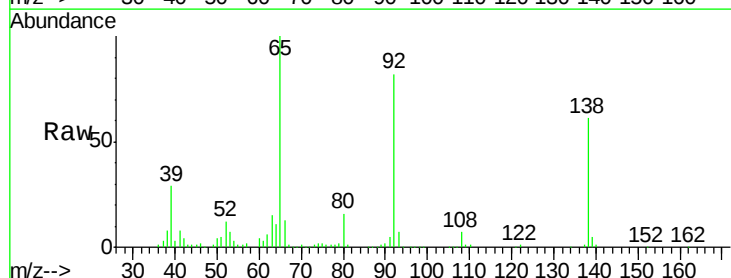
Manual Integrations
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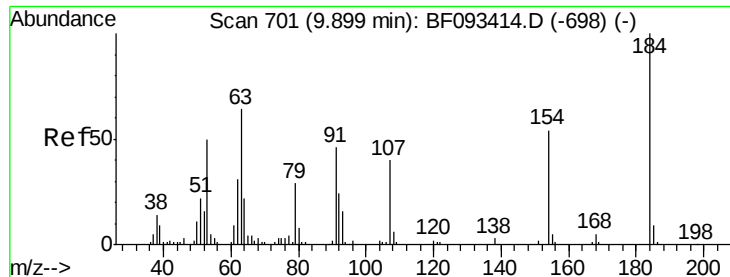
mohammad
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#52
3-Nitroaniline
Concen: 24.05 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.5	12.7
92	133.4	97.8	146.8





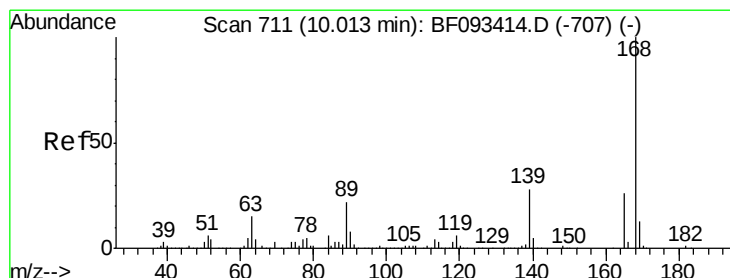
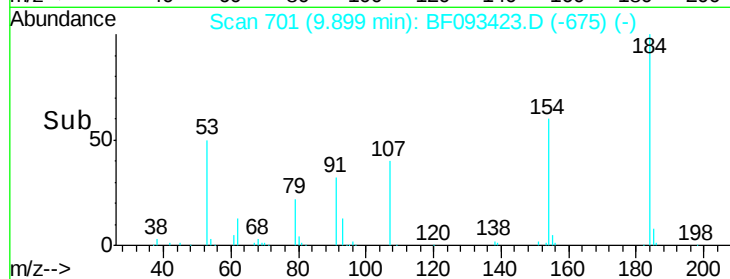
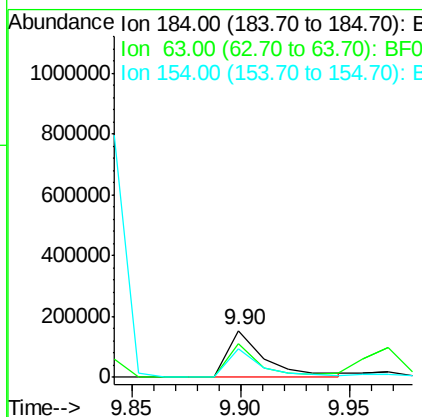
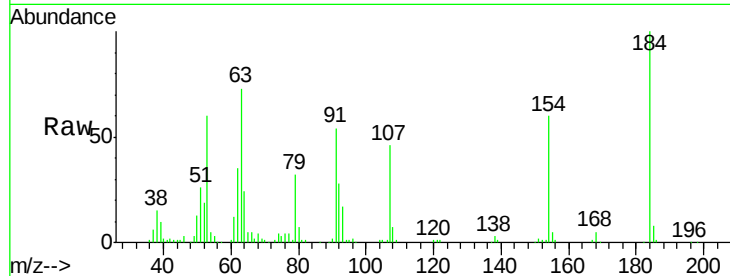
#53
2,4-Dinitrophenol
Concen: 81.62 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.8	28.4	42.6
154	60.3	44.3	66.5

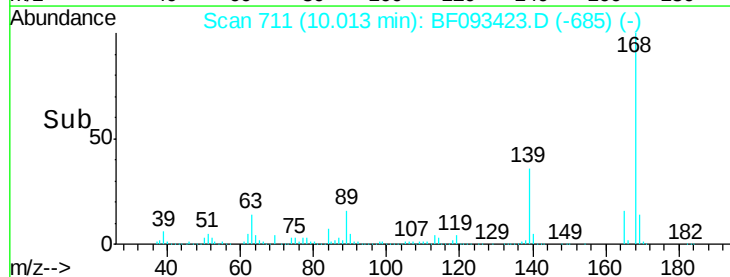
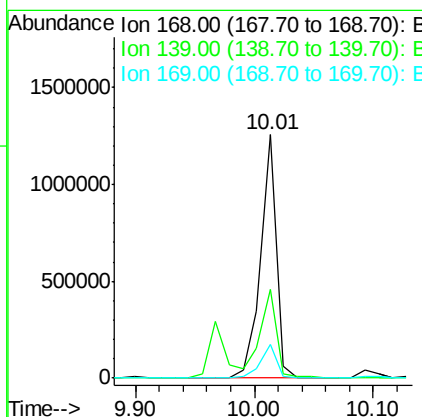
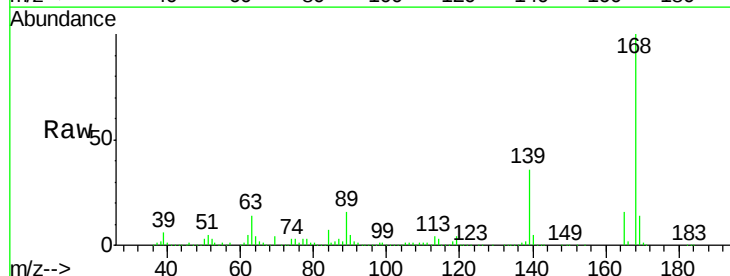
Manual Integrations
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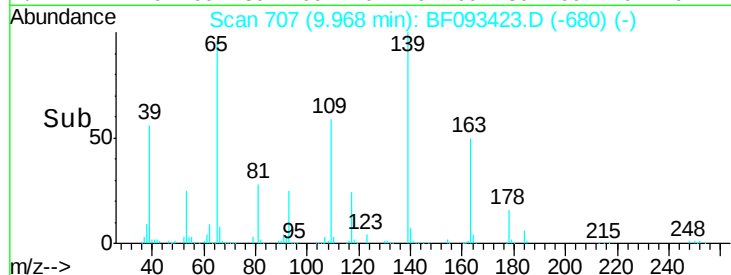
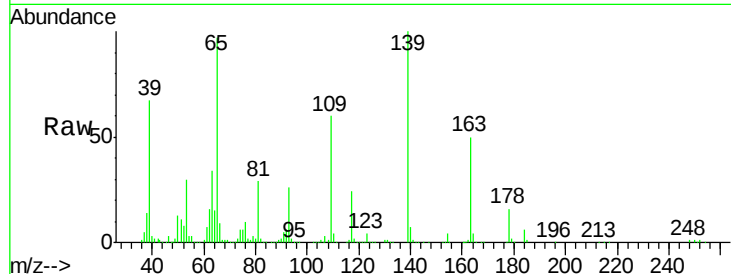
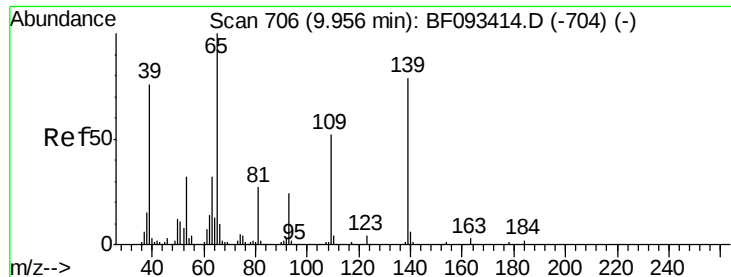
mohammad
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#54
Dibenzofuran
Concen: 51.75 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.5	32.6	49.0
169	13.6	11.3	16.9





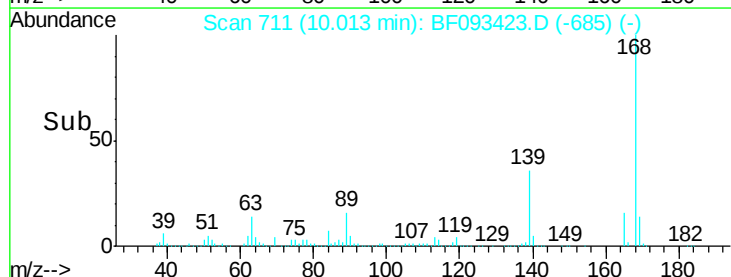
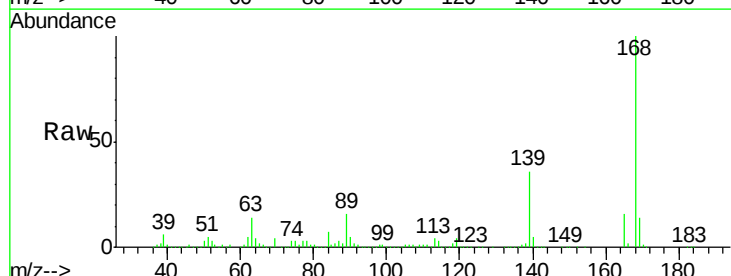
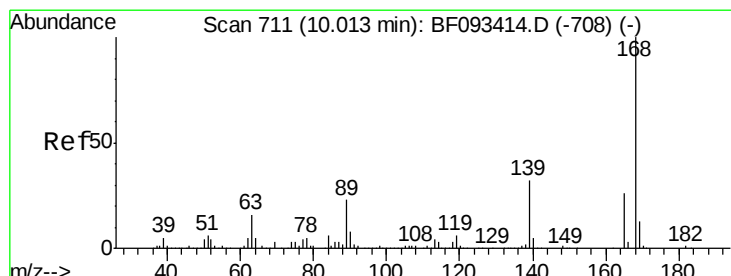
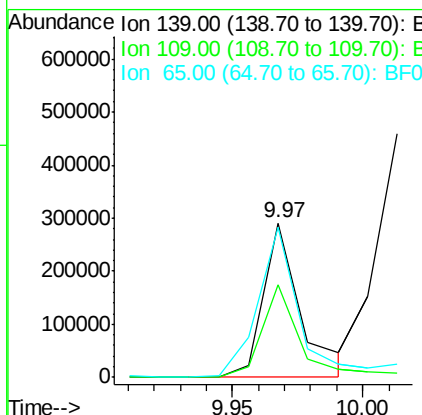
#55
4-Nitrophenol
Concen: 102.84 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tot Ion	Ratio	Resp	Lower	Upper
139	100	291273		
109	59.8	52.2	92.2	
65	97.1	85.8	125.8	

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

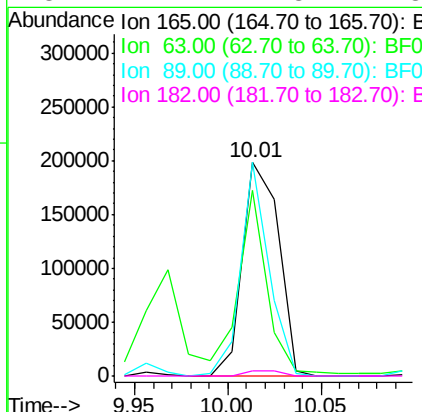
Manual Integrations
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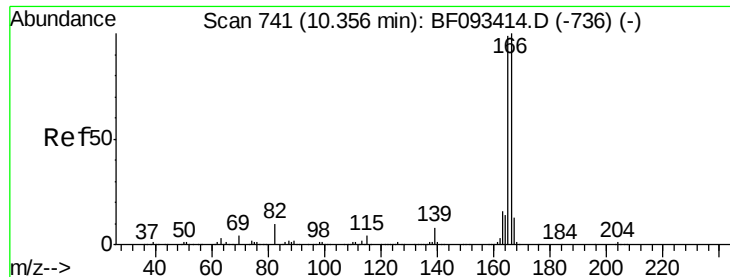
mohammad
3/8/2017 1:45:54 PM



#56
2,4-Dinitrotoluene
Concen: 44.96 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	268075		
63	86.8	40.2	60.4#	
89	100.0	62.5	93.7#	
182	2.2	1.8	2.8	





#57

Fluorene

Concen: 49.97 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA_F

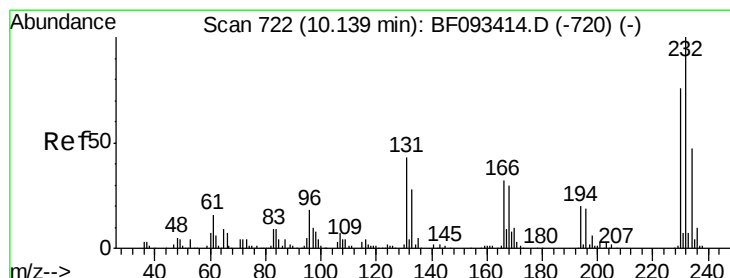
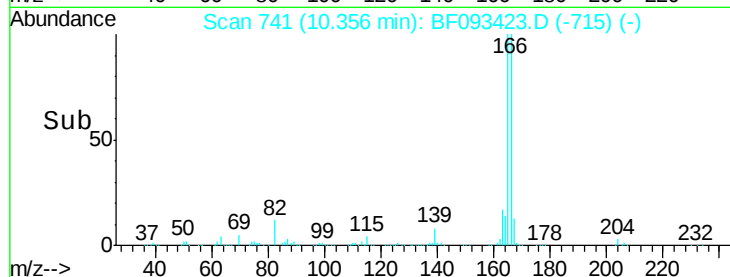
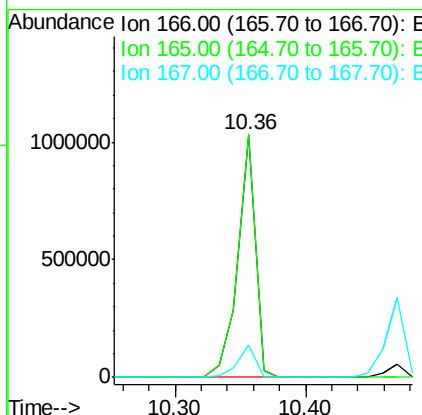
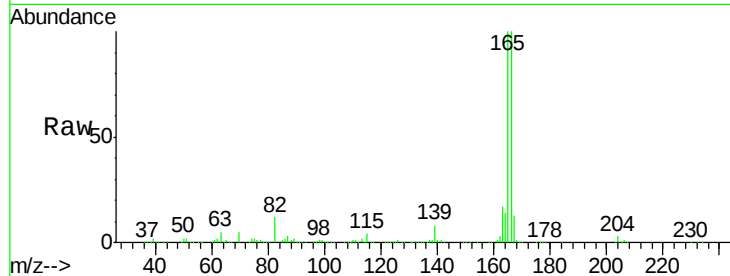
ClientSampleId :

PB97390BSD

Tot Ion:	166	Resp:	961628
Ion Ratio	Lower	Upper	
166	100		
165	100.3	77.8	116.8
167	13.1	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 53.94 ng

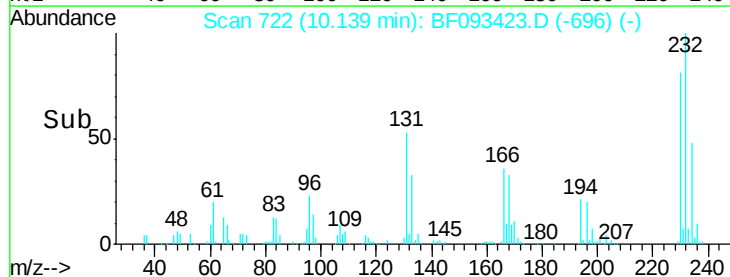
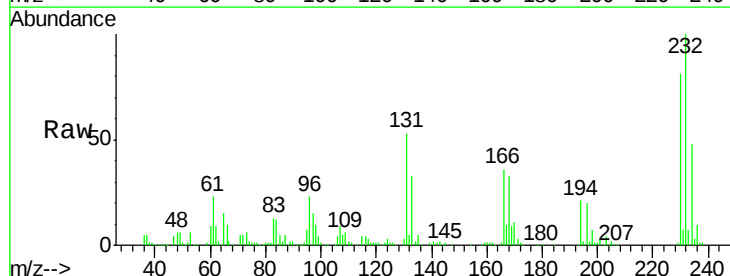
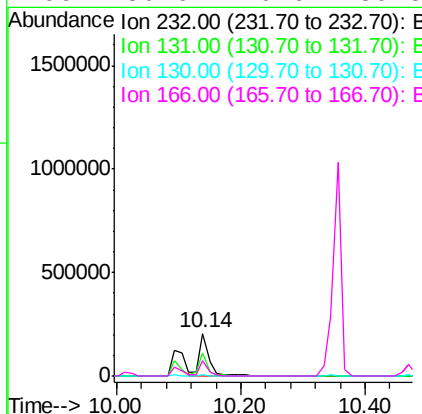
RT: 10.14 min Scan# 722

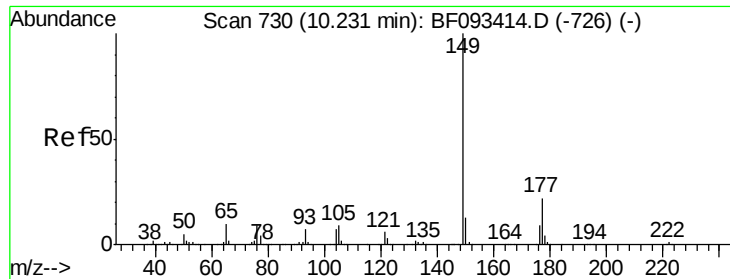
Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Tgt Ion:	232	Resp:	232526
Ion Ratio	Lower	Upper	
232	100		
131	45.9	40.1	60.1
130	2.4	1.8	2.8
166	30.6	26.6	39.8





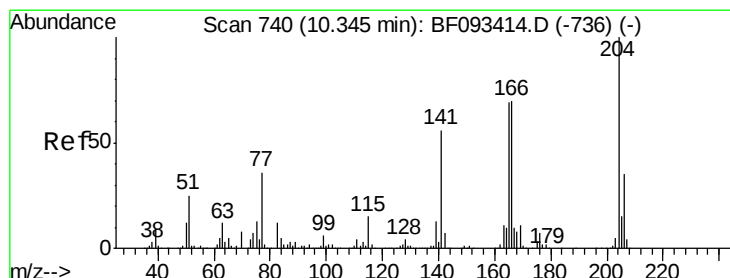
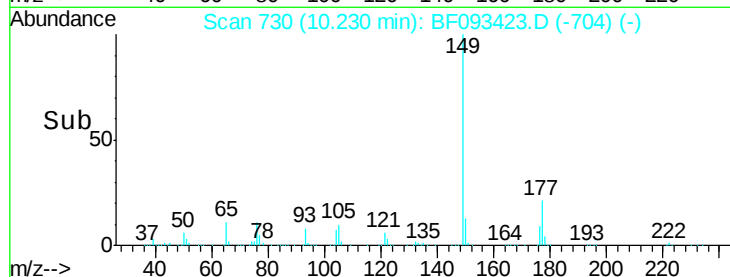
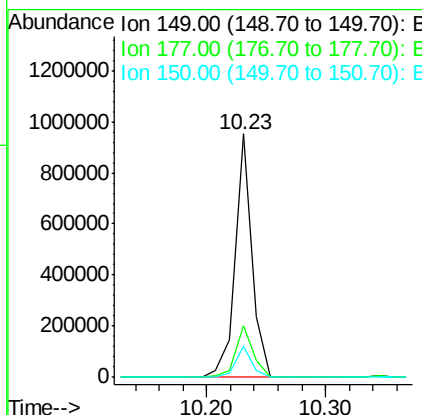
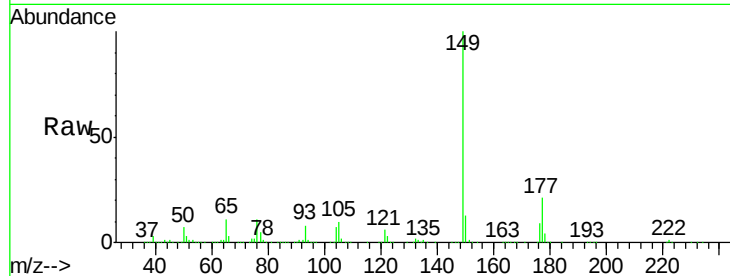
#59
Diethylphthalate
Concen: 44.34 ng
RT: 10.23 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	21.3	16.6	25.0		
150	12.9	10.4	15.6		

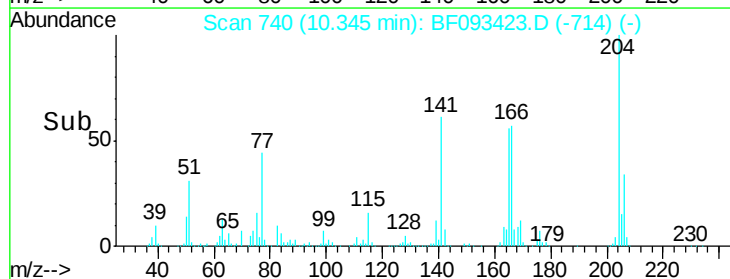
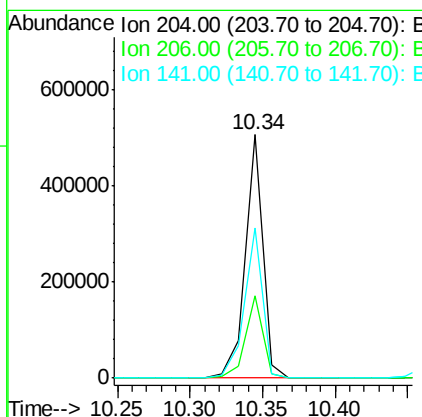
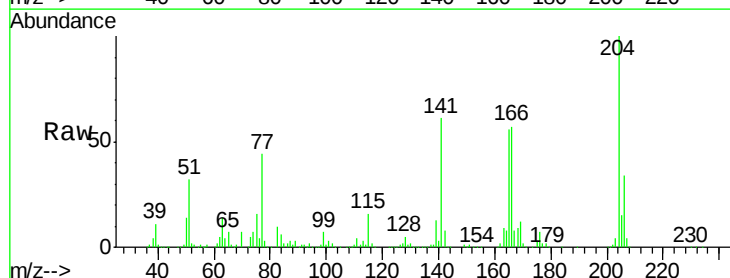
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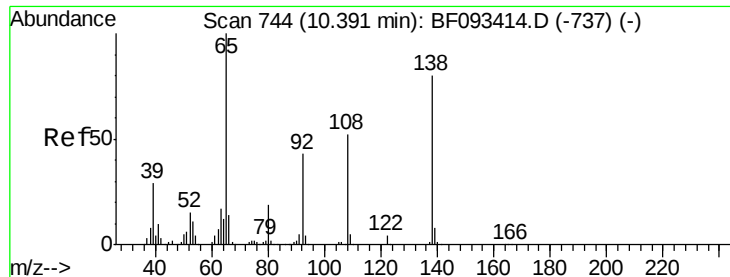
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#60
4-Chlorophenyl-phenylether
Concen: 49.58 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
204	100				
206	33.8	25.8	38.6		
141	61.5	59.4	89.0		





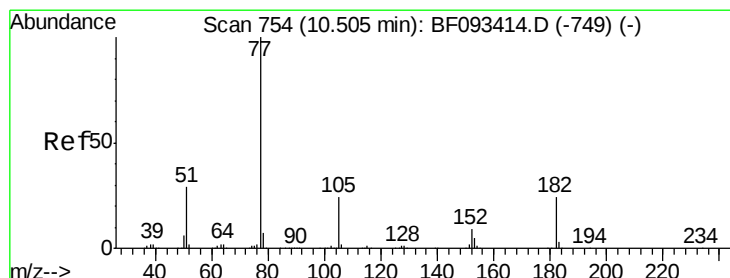
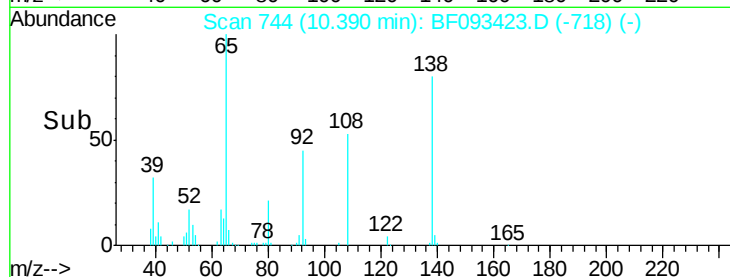
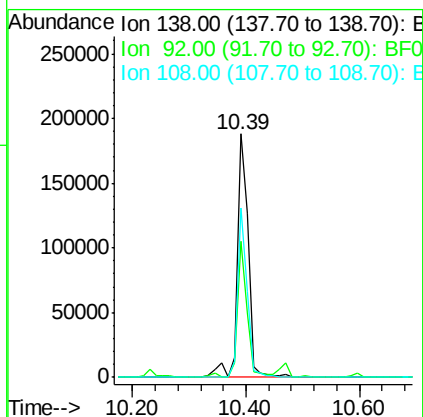
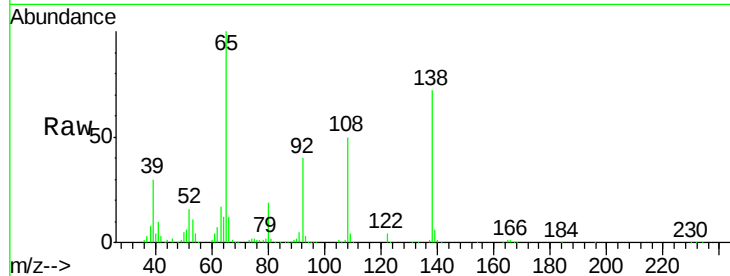
#61
4-Nitroaniline
Concen: 42.72 ng
RT: 10.39 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampled :
PB97390BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.1	31.7	71.7
108	69.5	52.6	92.6

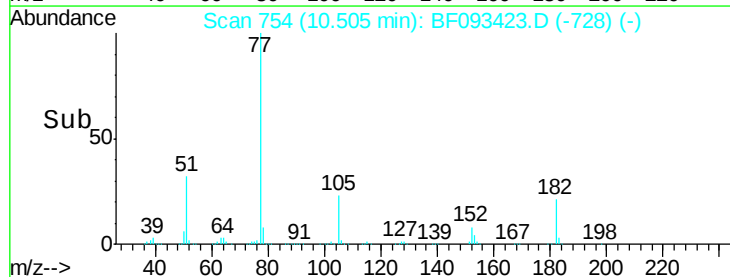
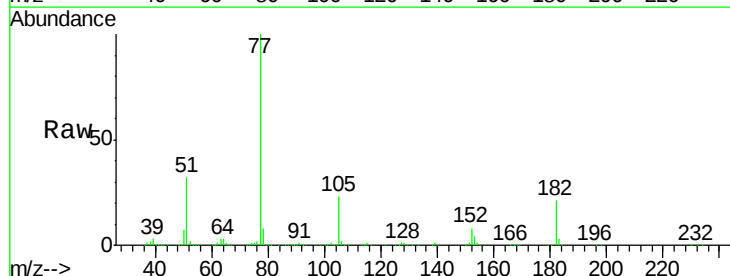
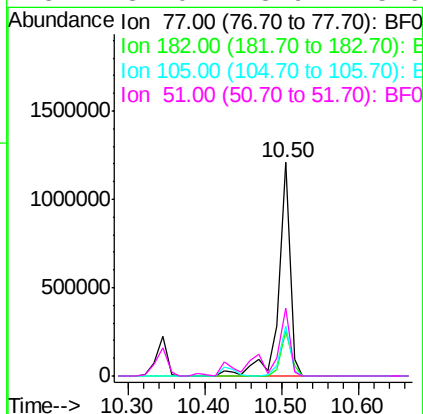
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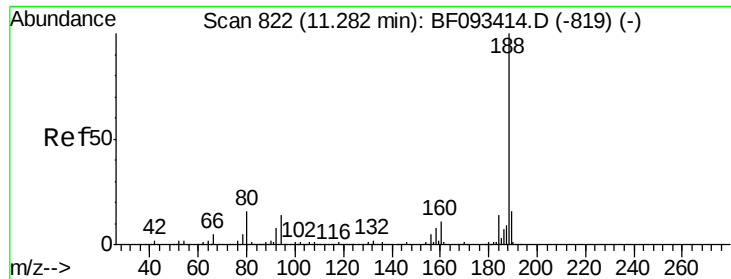
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#62
Azobenzene
Concen: 52.30 ng
RT: 10.50 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.8	0.0	39.3
105	23.1	2.3	42.3
51	32.0	8.9	48.9





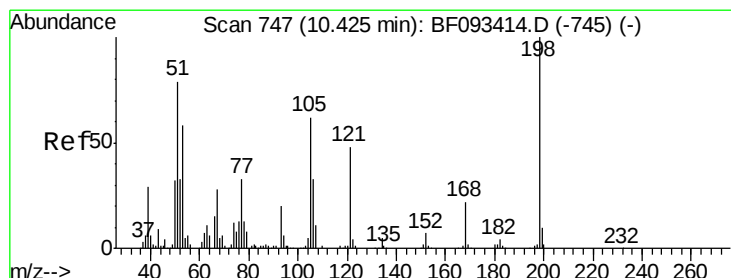
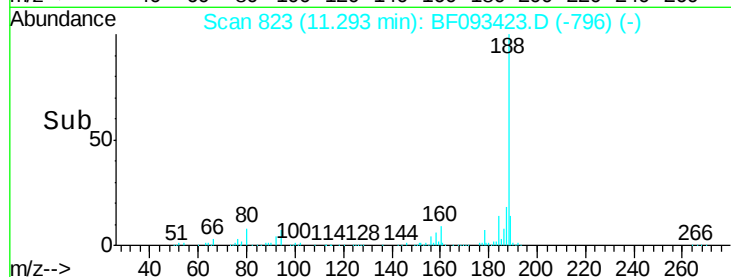
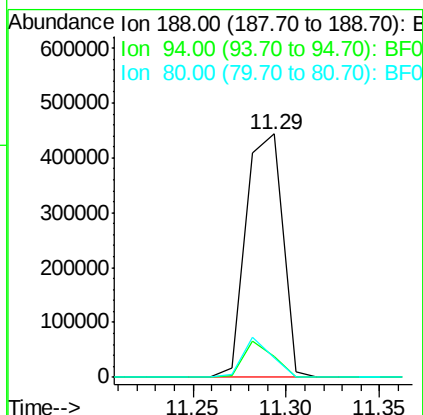
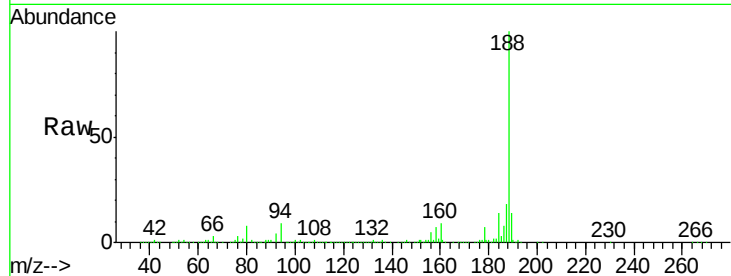
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	10.0	15.0#
80	8.2	11.2	16.8#

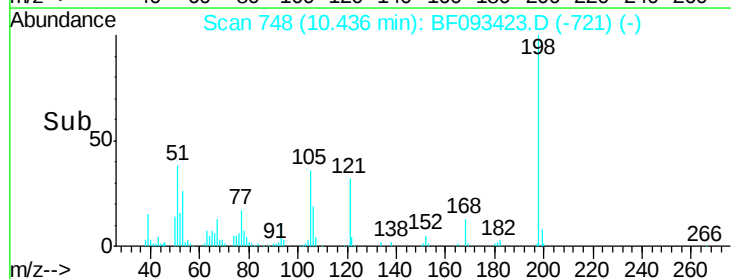
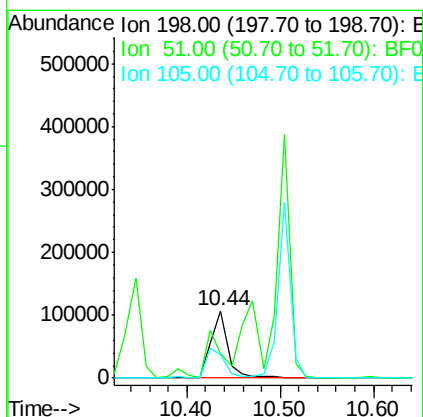
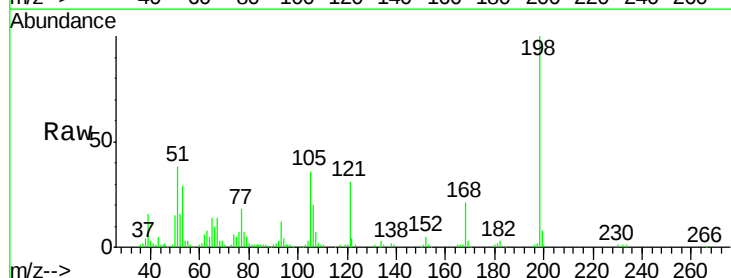
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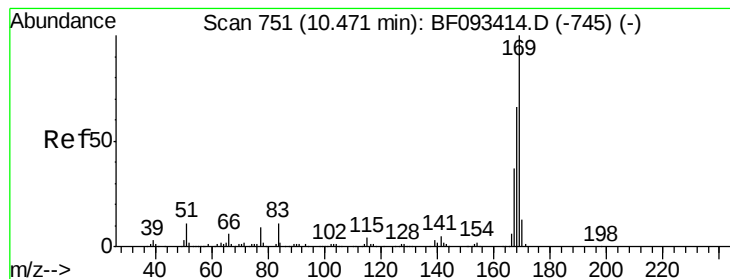
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.33 ng
RT: 10.44 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	37.6	6.7	46.7
105	35.6	16.6	56.6





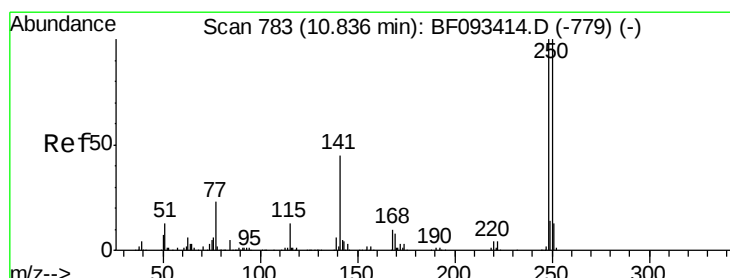
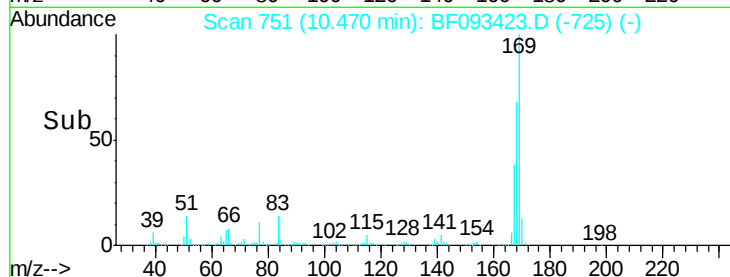
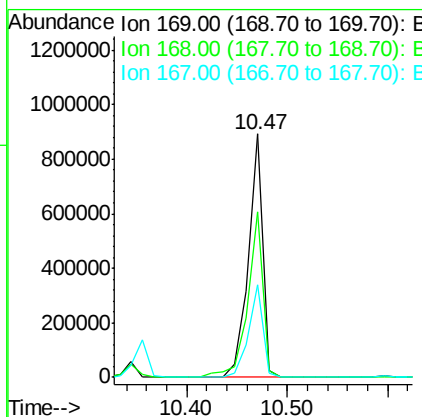
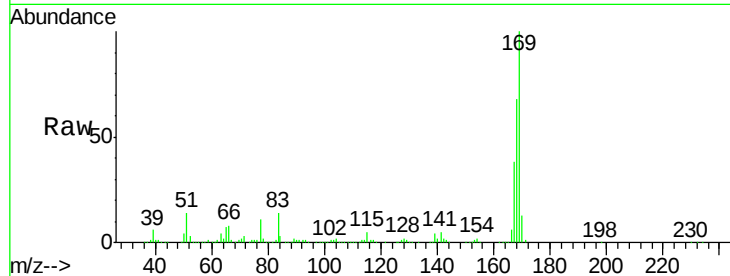
#65
n-Nitrosodiphenylamine
Concen: 43.95 ng
RT: 10.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	885475		
168	67.8		54.2	81.2
167	38.0		30.2	45.4

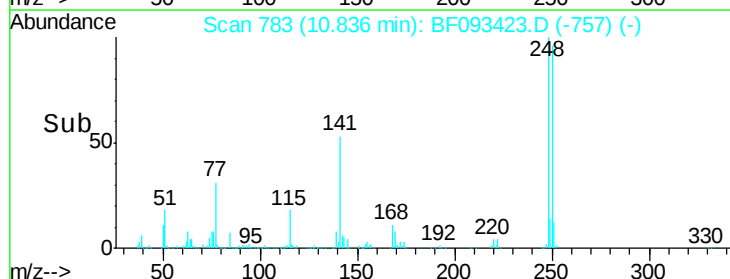
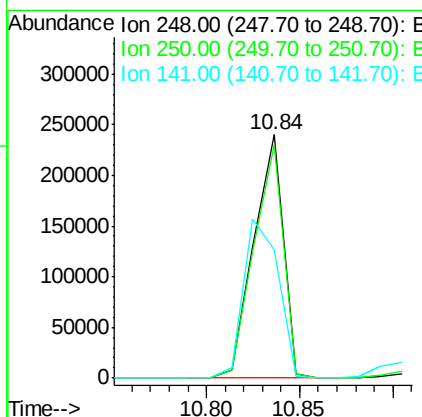
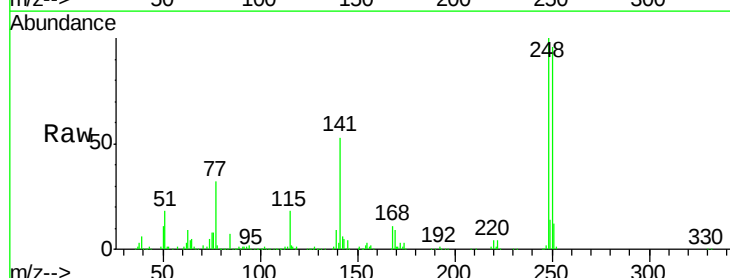
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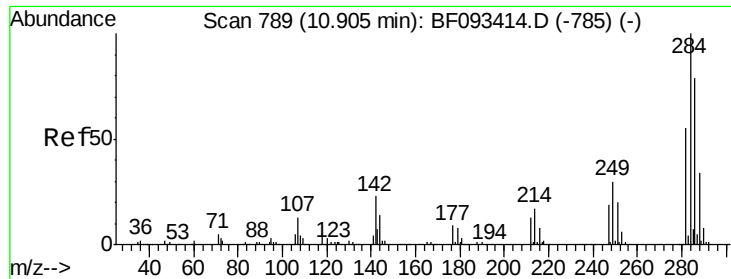
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#66
4-Bromophenyl-phenylether
Concen: 41.11 ng
RT: 10.84 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	262299		
250	95.8		76.9	115.3
141	53.0		68.2	102.4





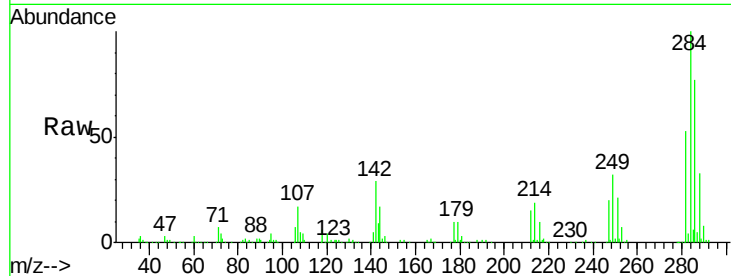
#67
Hexachlorobenzene
Concen: 43.60 ng
RT: 10.90 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

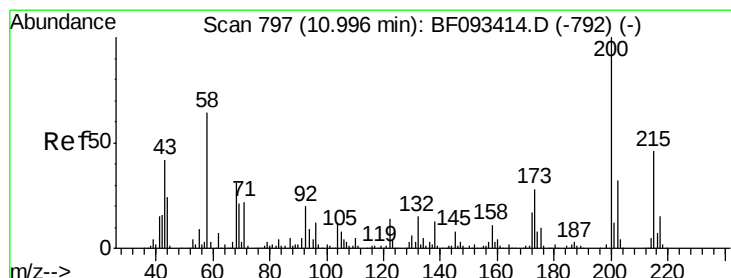
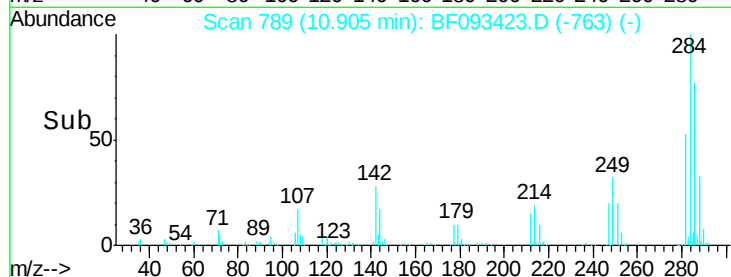
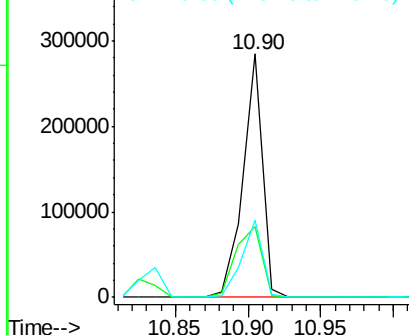
Tot Ion	Ratio	Resp	Lower	Upper
284	100	265634		
142	29.0		22.6	33.8
249	31.9		25.4	38.0

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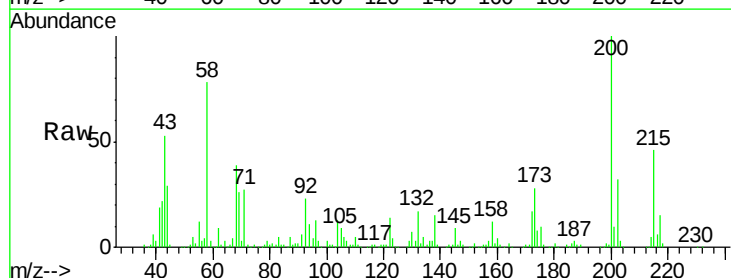


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

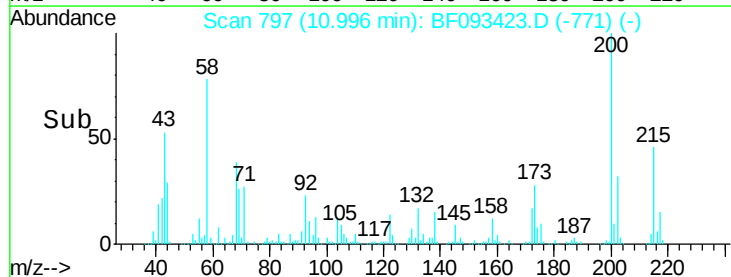
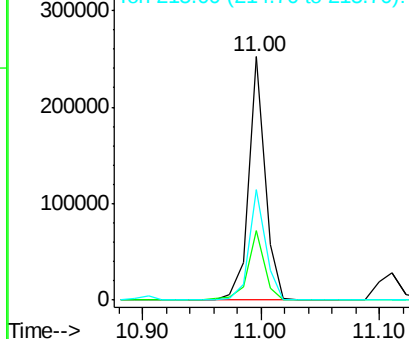


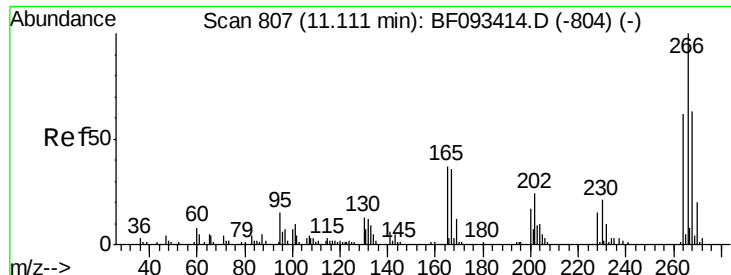
#68
Atrazine
Concen: 41.54 ng
RT: 11.00 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	244964		
173	28.3		9.6	49.6
215	45.5		25.7	65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





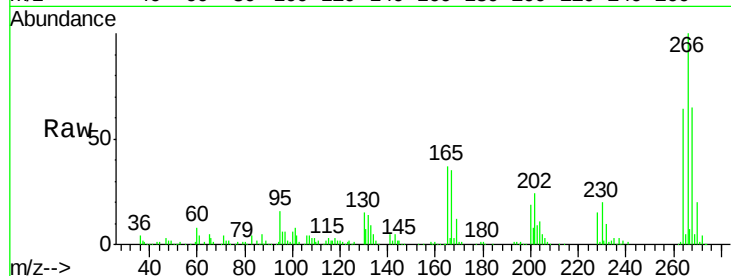
#69
 Pentachlorophenol
 Concen: 98.28 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BSD

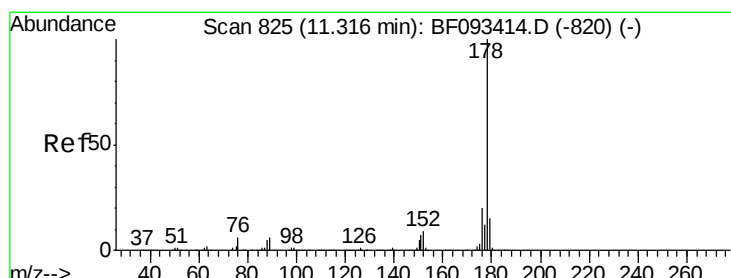
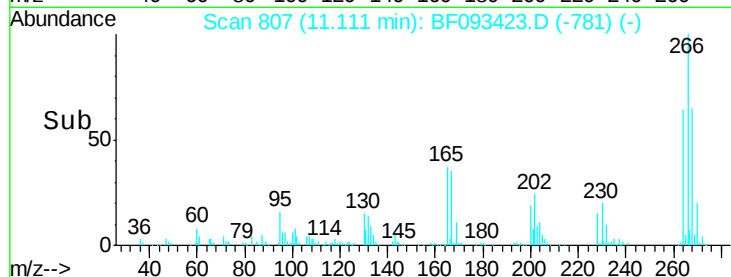
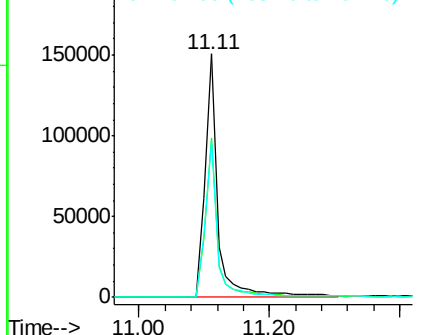
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.5	53.3	79.9
264	64.1	50.3	75.5

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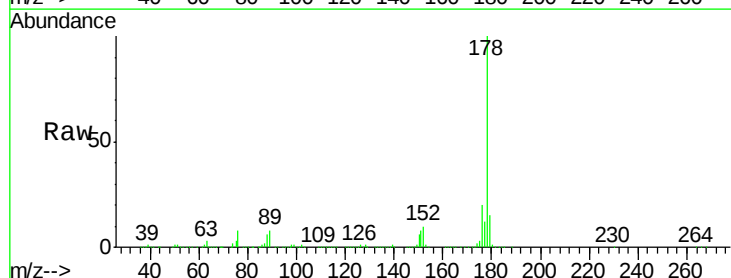


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

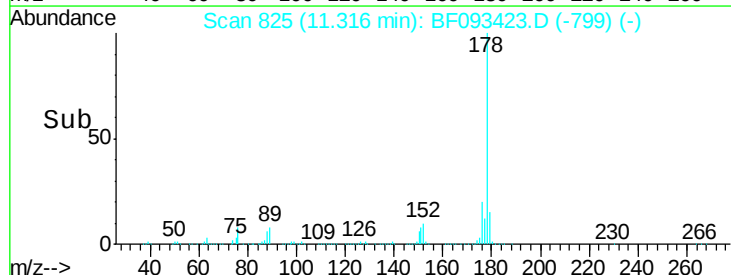
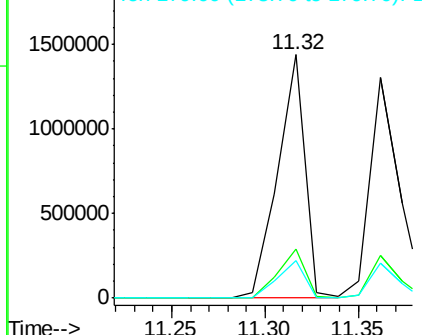


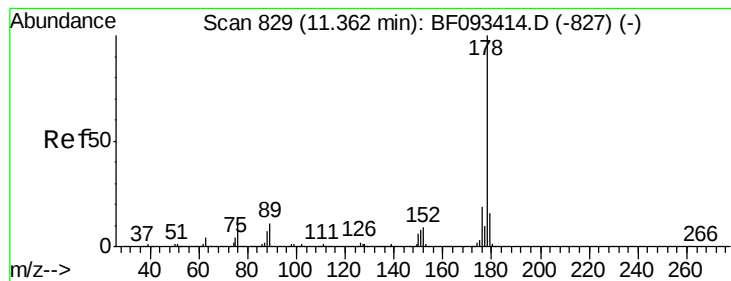
#70
 Phenanthrene
 Concen: 42.36 ng
 RT: 11.32 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	15.4	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: 39.41 ng

RT: 11.36 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

PB97390BSD

Tot Ion:178 Resp: 1373089

Ion Ratio Lower Upper

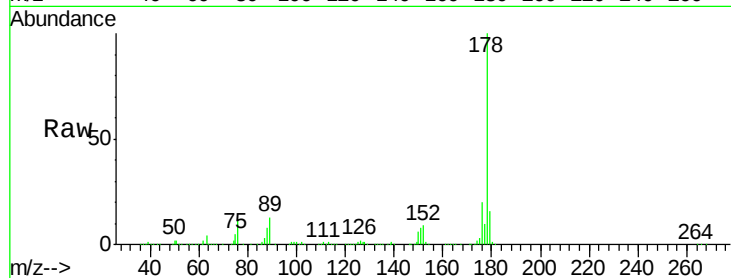
178 100

176 19.5 15.9 23.9

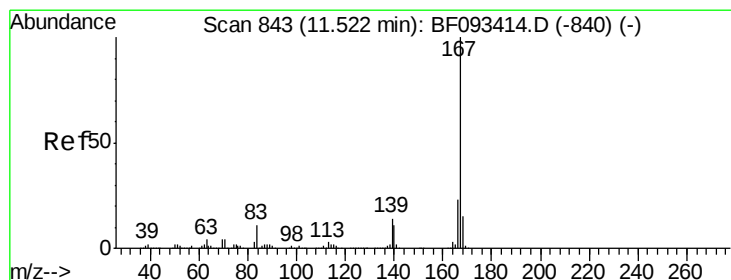
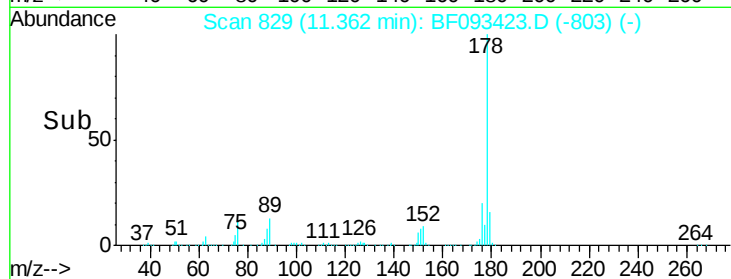
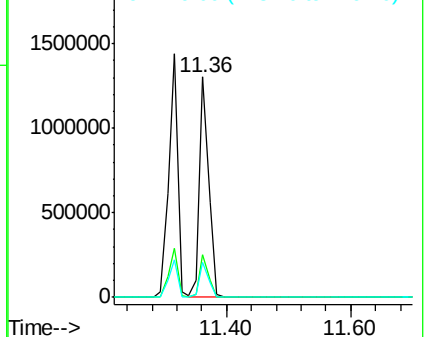
179 15.9 13.2 19.8

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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



#72

Carbazole

Concen: 39.45 ng

RT: 11.52 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

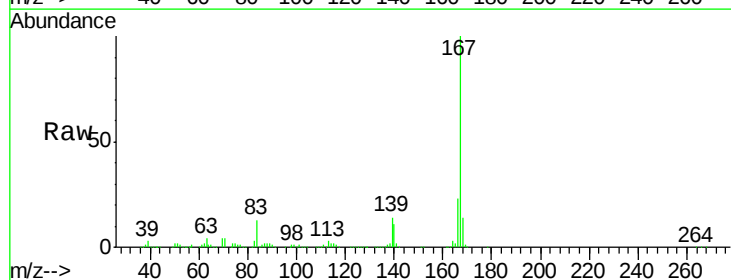
Tgt Ion:167 Resp: 1291054

Ion Ratio Lower Upper

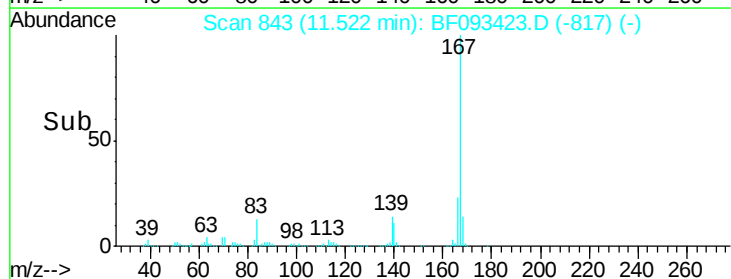
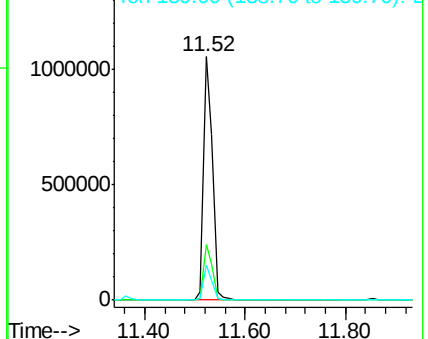
167 100

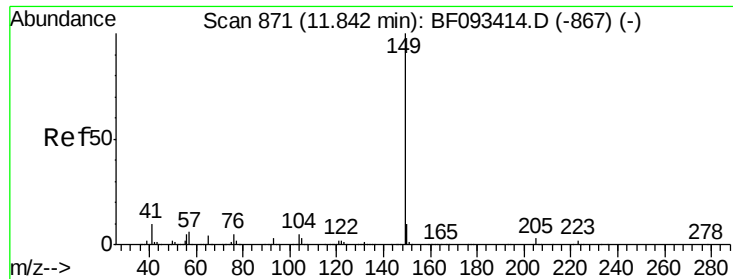
166 22.6 18.2 27.2

139 14.4 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.20 ng

RT: 11.85 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

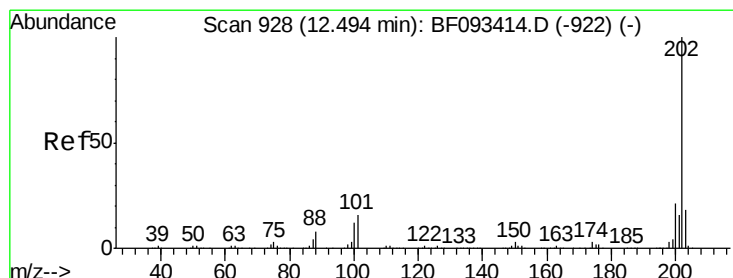
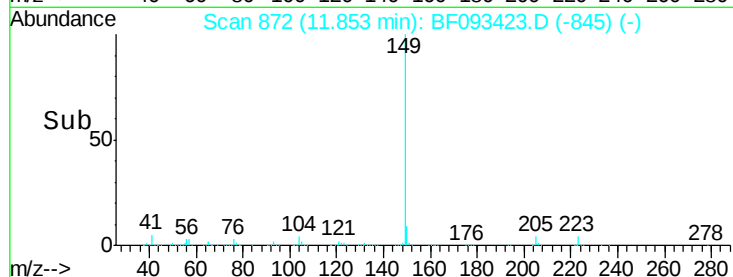
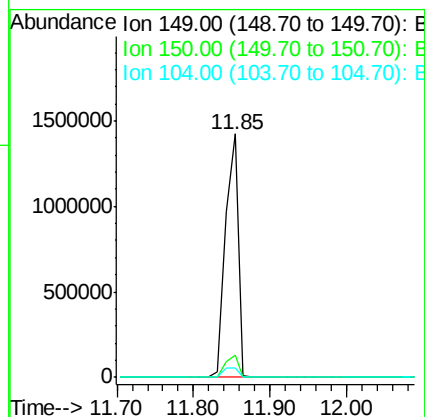
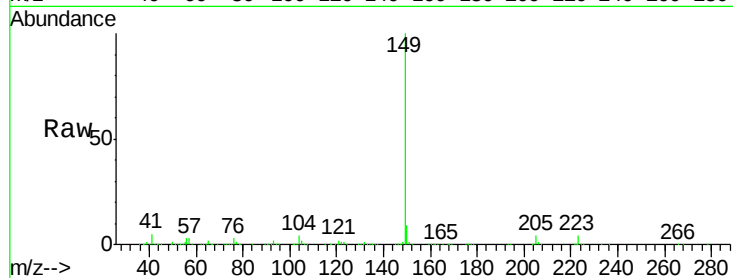
PB97390BSD

Tot Ion:149 Resp: 1673653

Ion	Ratio	Lower	Upper
149	100		
150	8.9	8.1	12.1
104	3.6	4.6	7.0

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mohammad
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#74

Fluoranthene

Concen: 44.68 ng

RT: 12.50 min Scan# 929

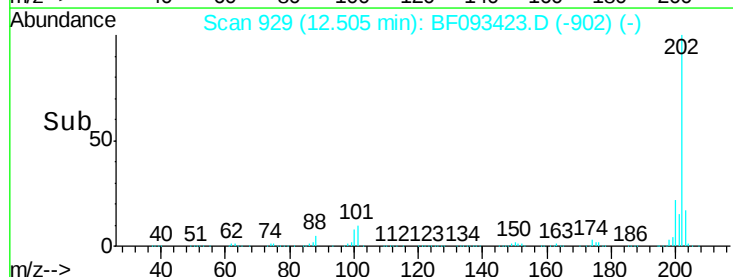
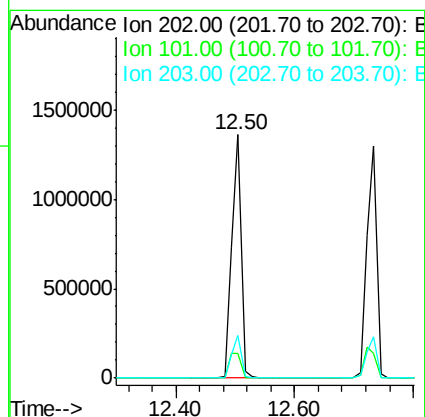
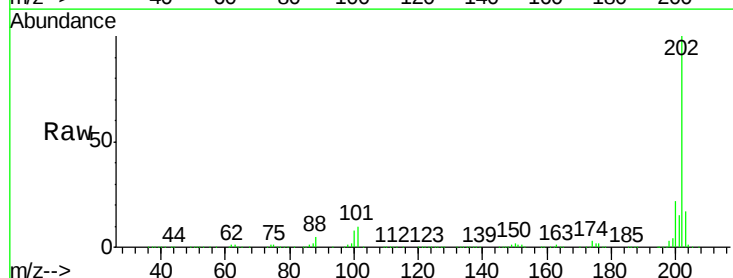
Delta R.T. 0.01 min

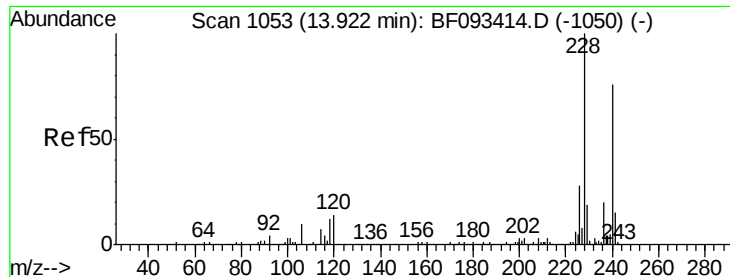
Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Tgt Ion:202 Resp: 1486412

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.6
203	17.3	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA_F

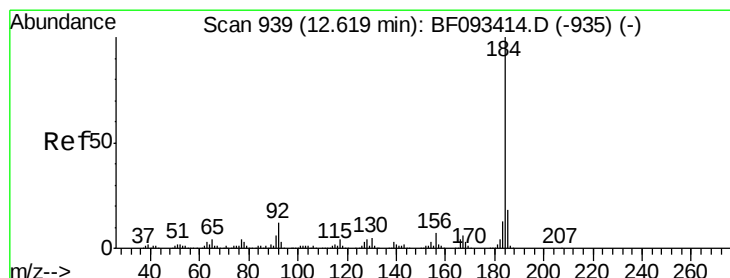
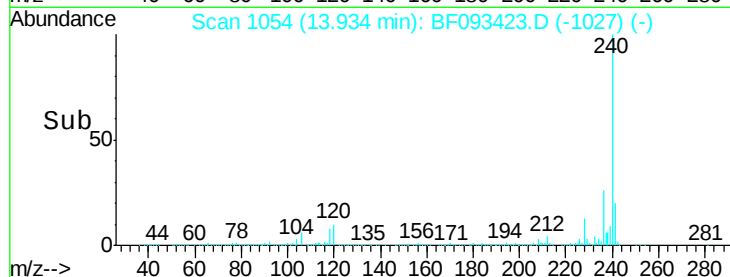
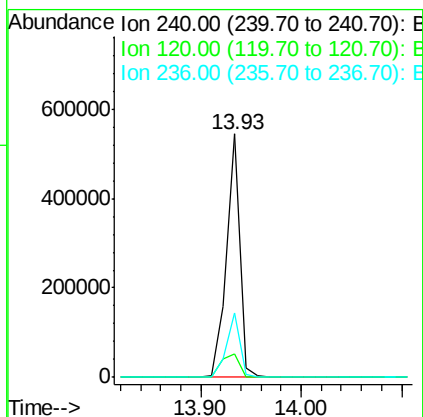
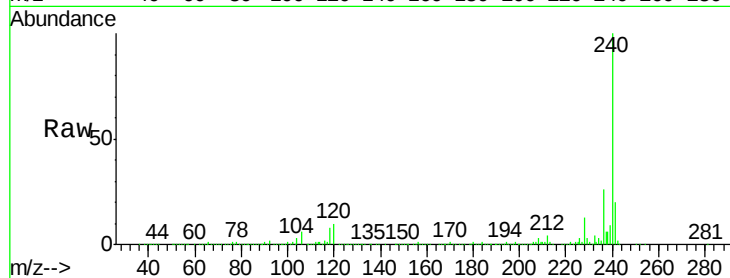
ClientSampleId :

PB97390BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	503153		
120	9.7	12.9	19.3	
236	26.3	20.9	31.3	

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#76

Benzidine

Concen: 26.77 ng

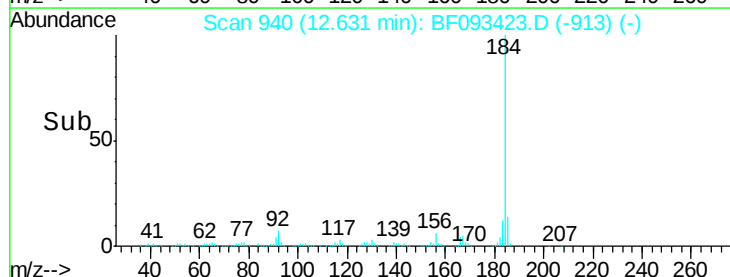
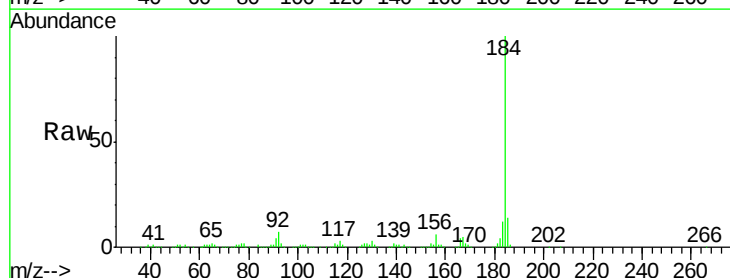
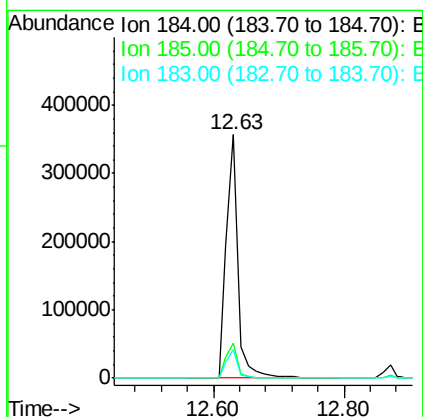
RT: 12.63 min Scan# 940

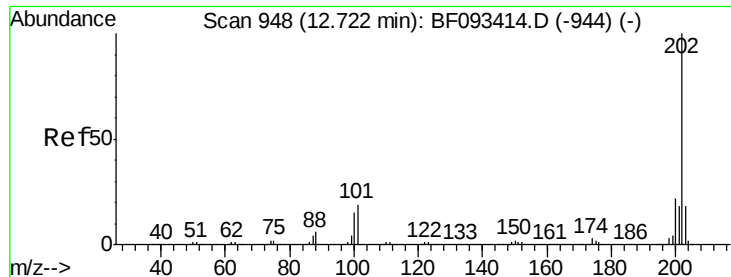
Delta R.T. 0.01 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	442942		
185	14.4	13.4	20.0	
183	11.7	9.2	13.8	





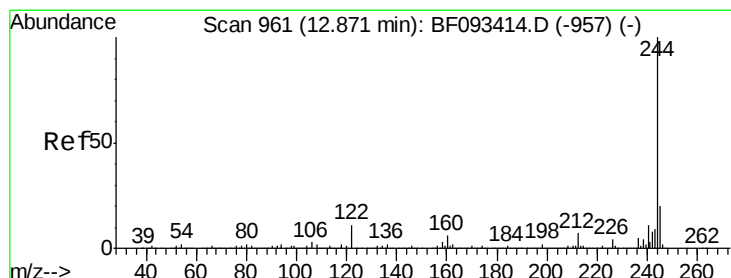
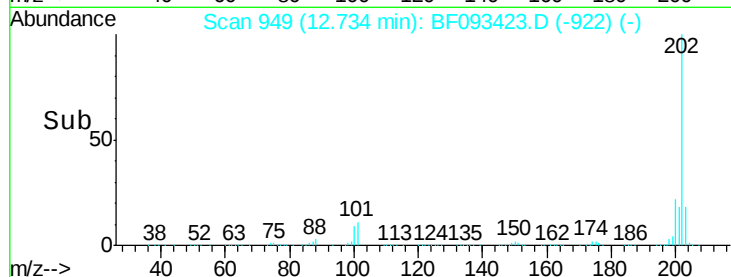
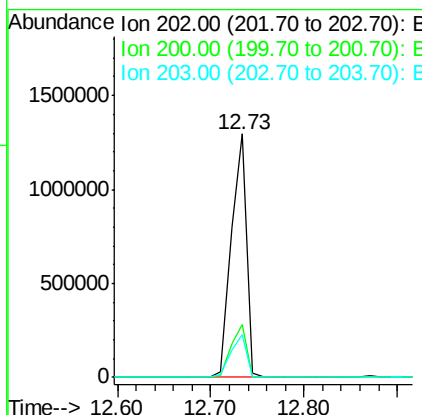
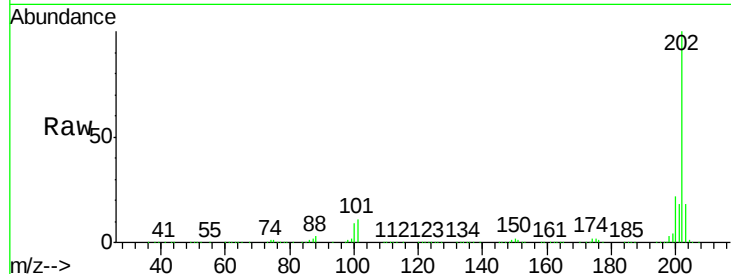
#77
Pvrene
Concen: 40.42 ng
RT: 12.73 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

Tot Ion: 202 Resp: 1478940
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 17.7 14.7 22.1

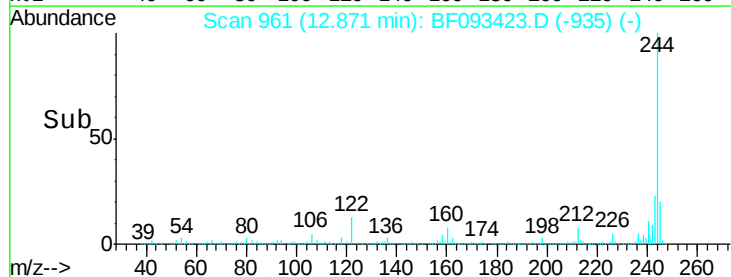
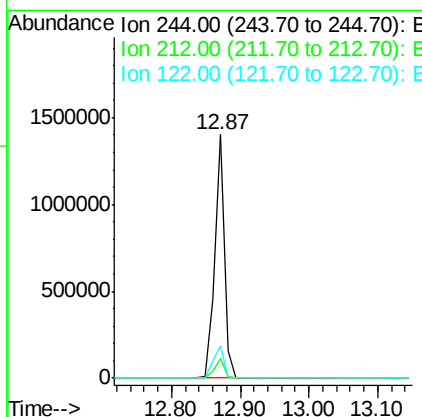
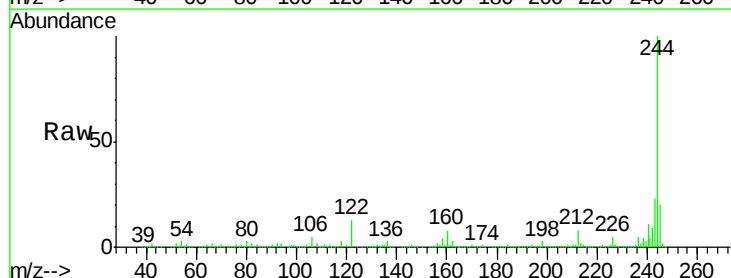
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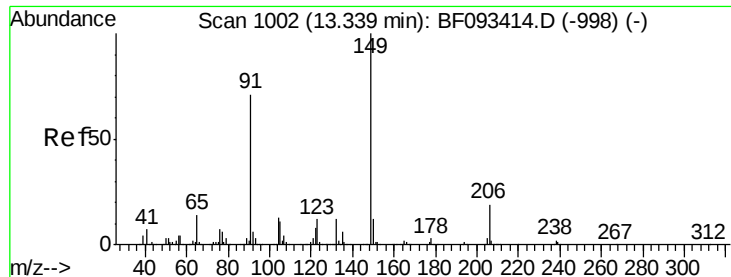
mohammad
3/8/2017 1:45:54 PM



#78
Terphenyl-d14
Concen: 72.32 ng
RT: 12.87 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion: 244 Resp: 1399594
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 13.1 11.4 17.2





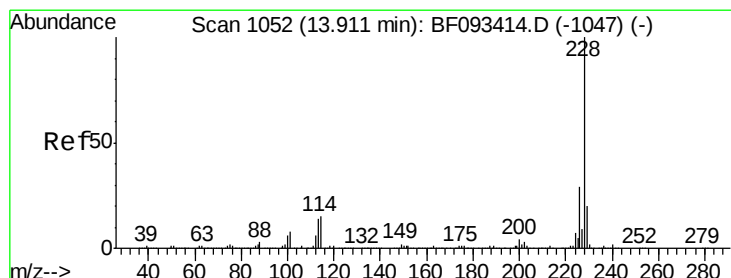
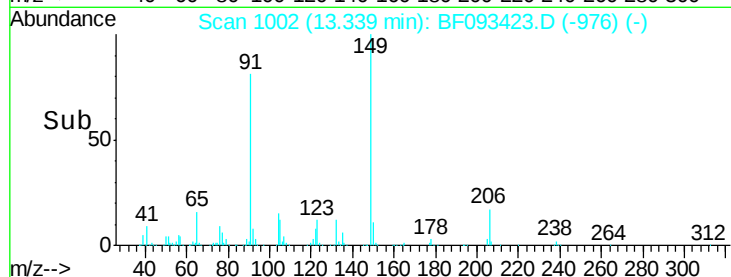
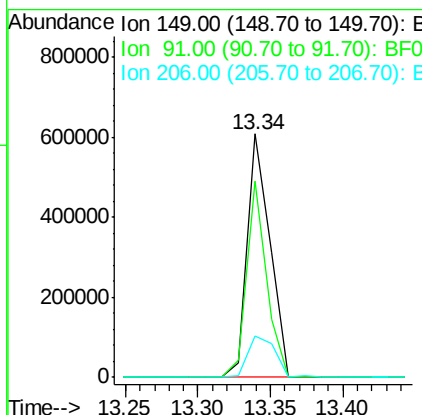
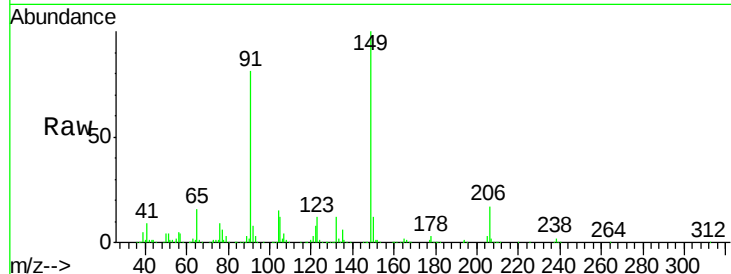
#79
Butylbenzylphthalate
Concen: 42.73 ng
RT: 13.34 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.6	63.9	95.9
206	17.2	14.6	21.8

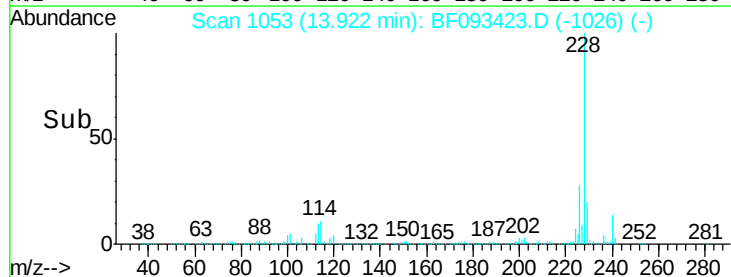
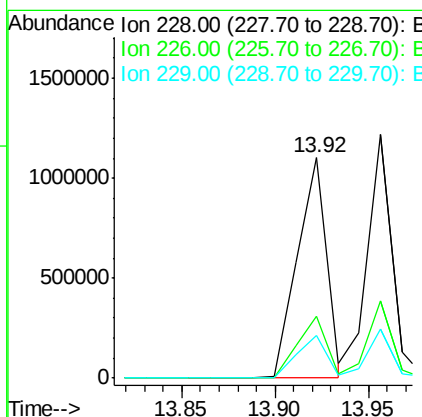
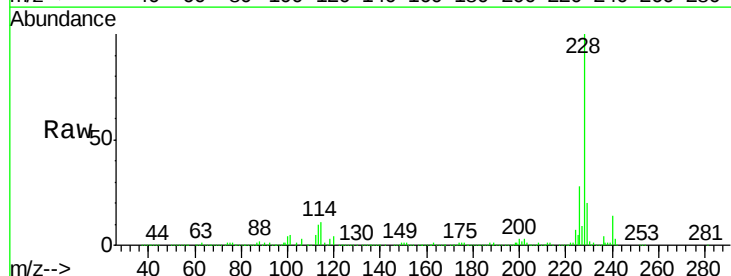
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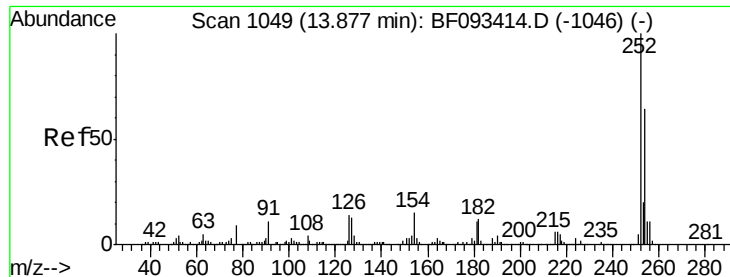
mohammad
3/8/2017 1:45:54 PM



#80
Benzo(a)anthracene
Concen: 40.72 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.4	33.6
229	19.7	16.2	24.4





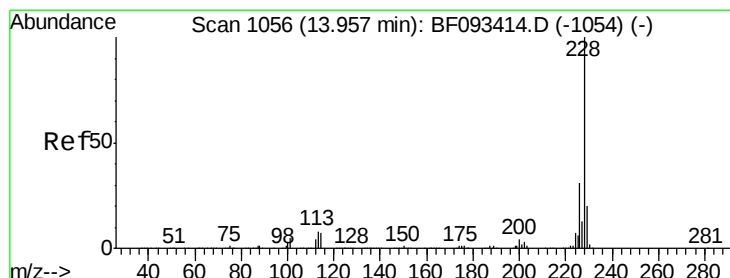
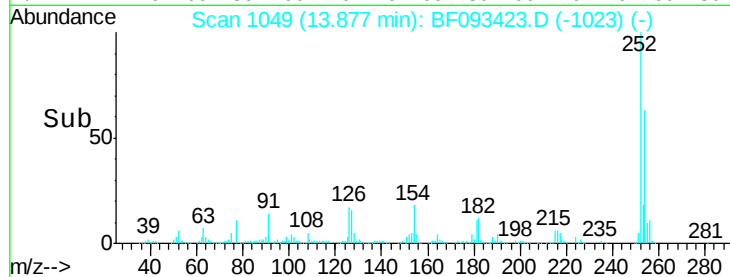
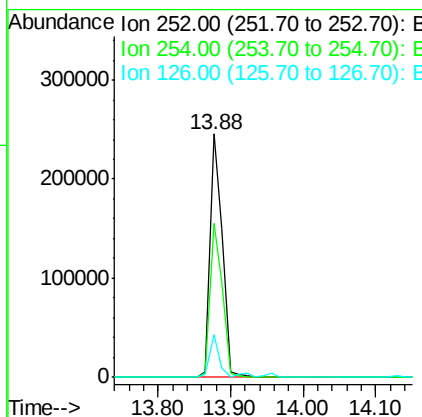
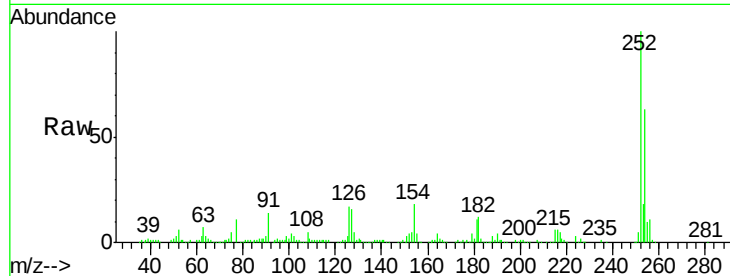
#81
 3,3'-Dichlorobenzidine
 Concen: 27.44 ng
 RT: 13.88 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	285587		
254	63.2	52.3	78.5	
126	17.4	13.6	20.4	

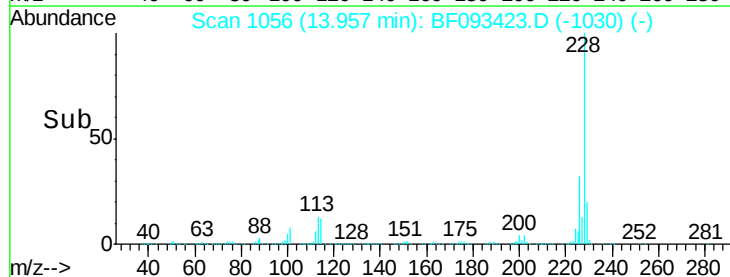
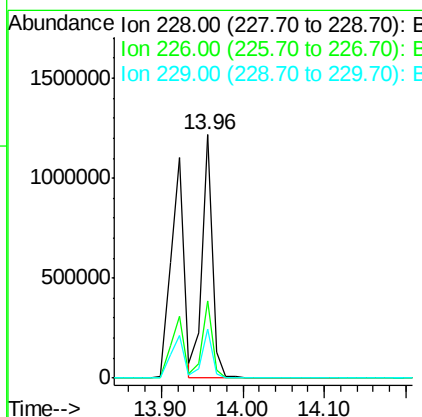
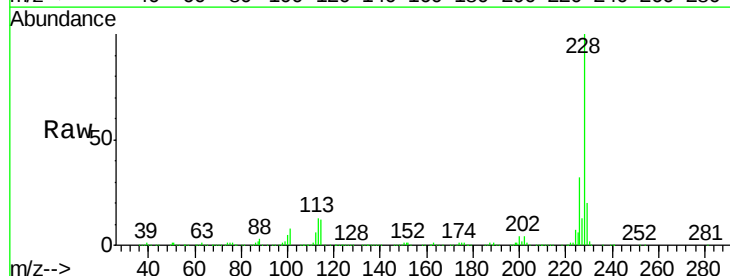
Manual Integrations
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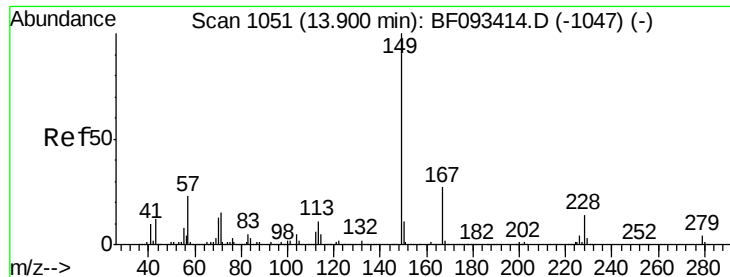
mohammad
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#82
 Chrysene
 Concen: 39.86 ng
 RT: 13.96 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1095722		
226	31.5	25.4	38.0	
229	20.1	16.2	24.2	





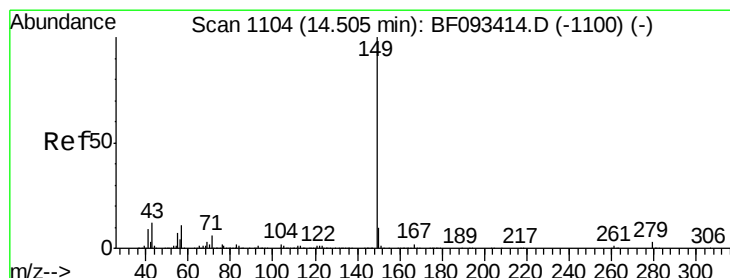
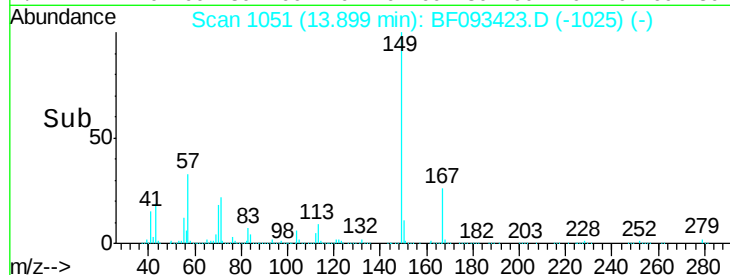
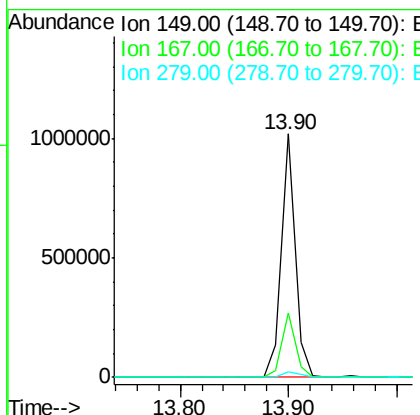
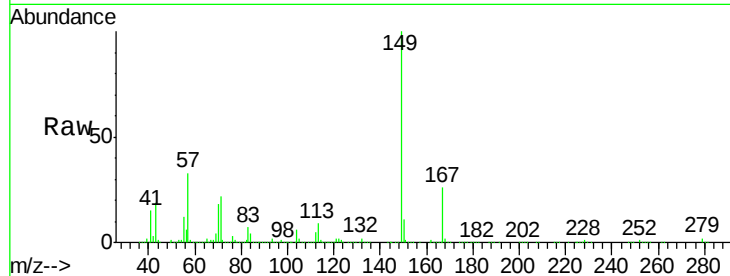
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.93 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleID :
 PB97390BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	900256		
167	26.3		20.2	30.4
279	2.4		1.8	2.8

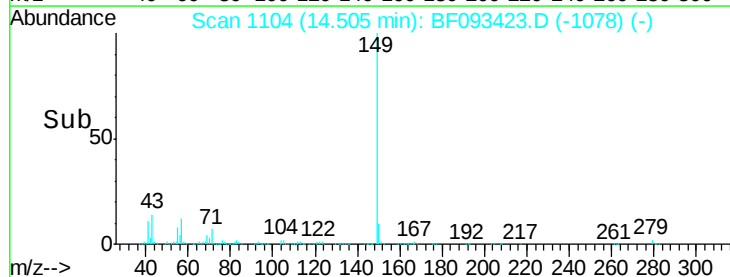
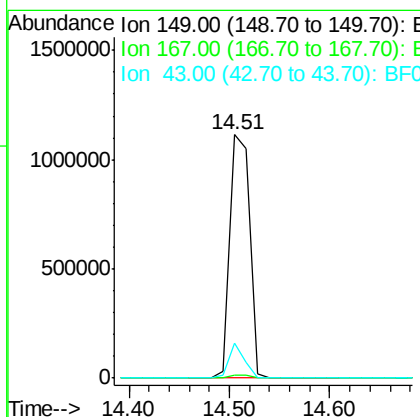
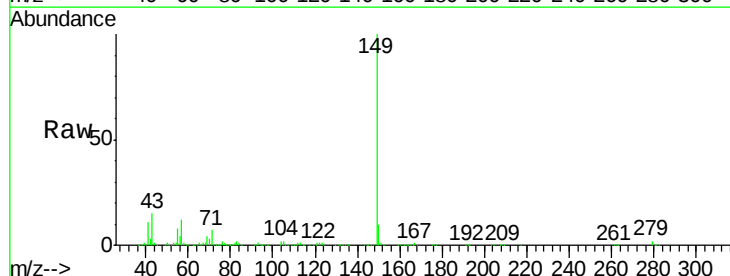
Manual Integrations
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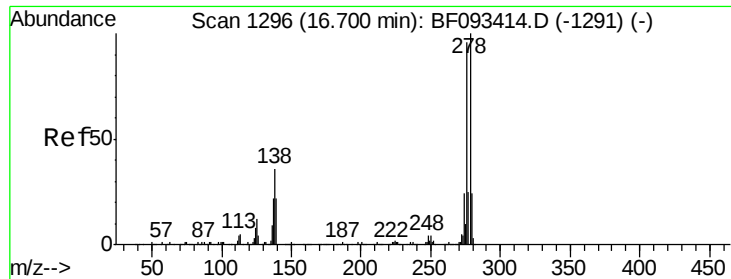
mohammad
 3/8/2017 1:45:54 PM



#84
 Di-n-octyl phthalate
 Concen: 42.67 ng
 RT: 14.51 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1527093		
167	1.6		1.3	1.9
43	11.1		8.9	13.3





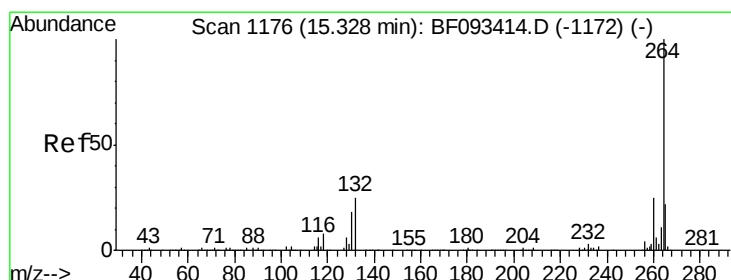
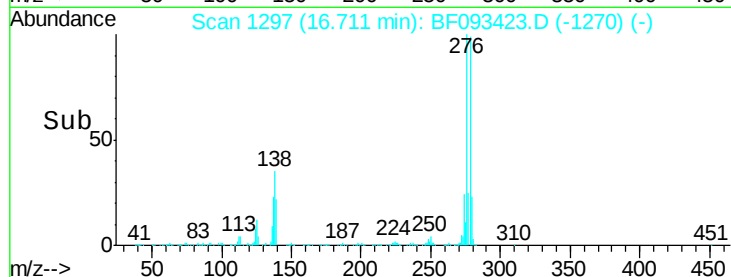
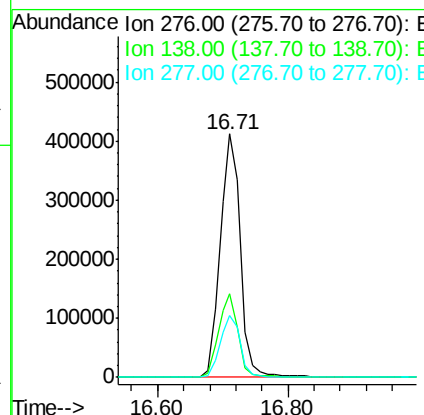
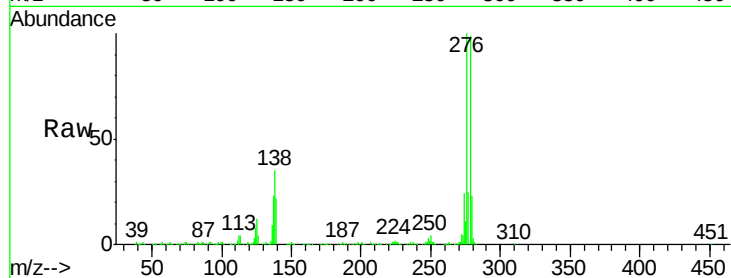
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.88 ng
 RT: 16.71 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.6	21.8	32.6
277	25.5	20.2	30.4

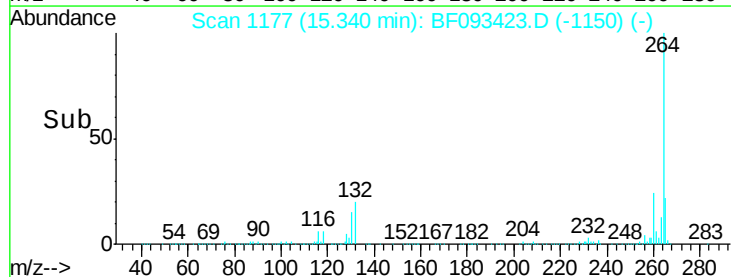
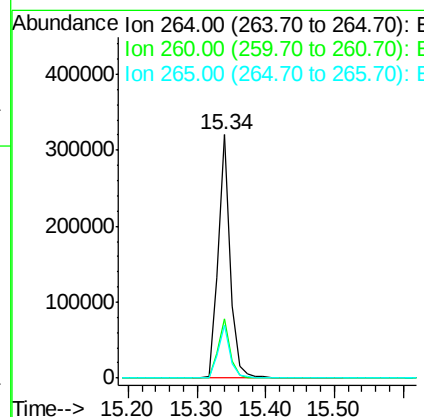
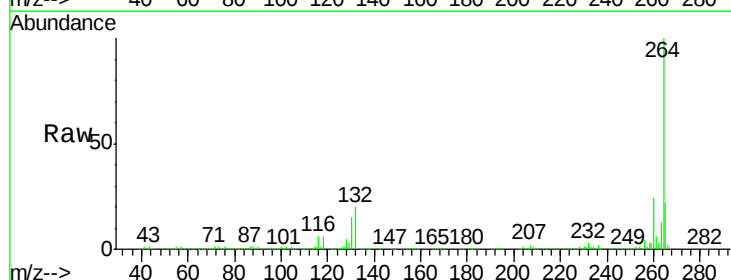
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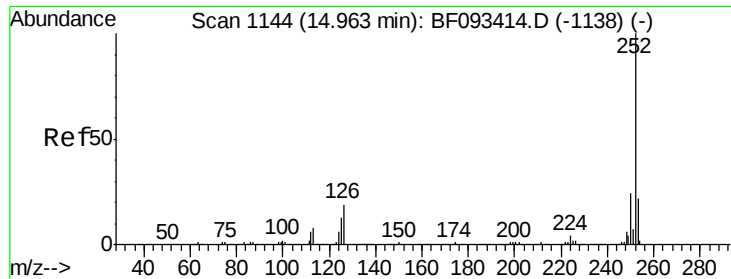
mohammad
 3/8/2017 1:45:54 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	17.4	26.0





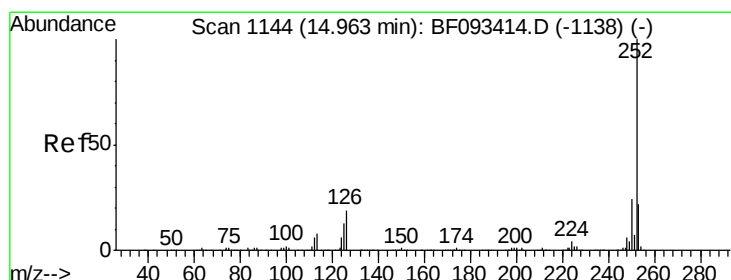
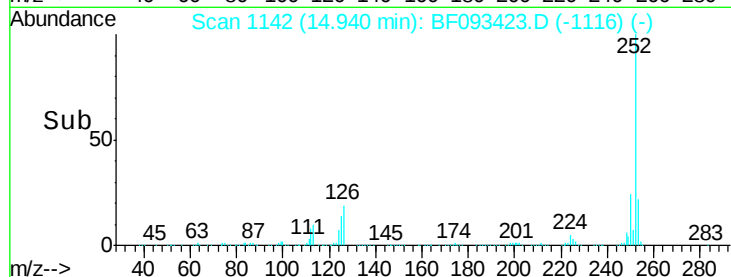
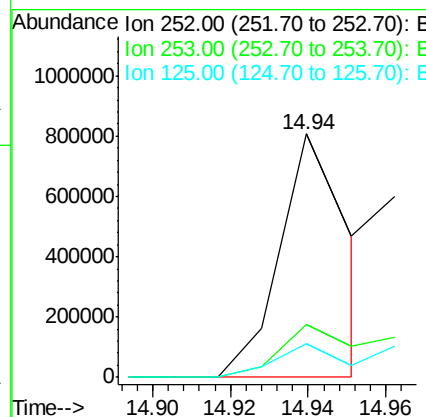
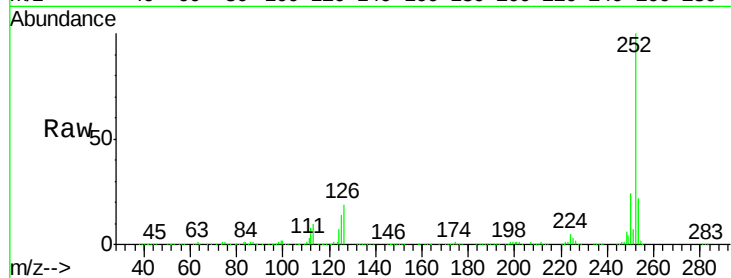
#87
Benzo(b)fluoranthene
Concen: 40.81 ng m
RT: 14.94 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	14.0	9.8	14.6

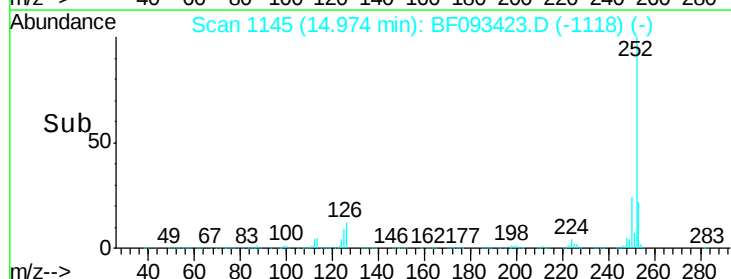
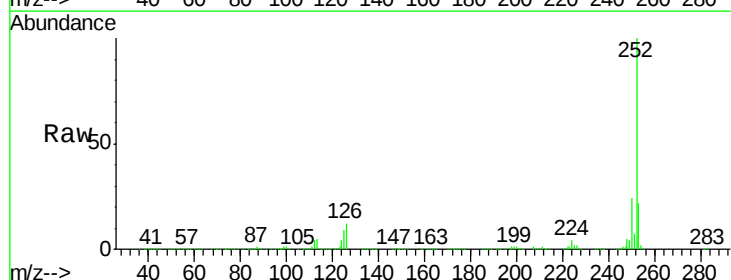
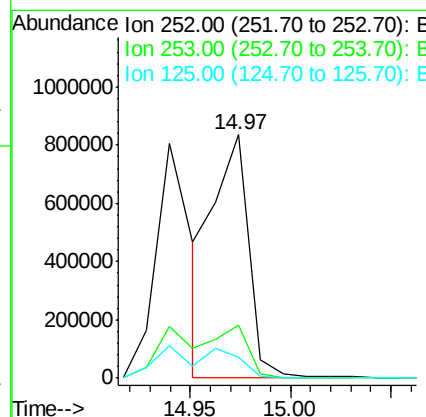
Manual Integrations
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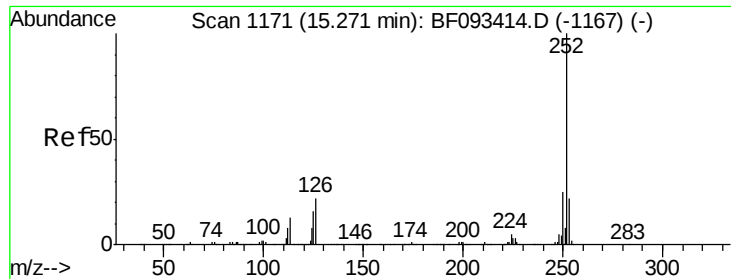
mohammad
3/8/2017 1:45:54 PM



#88
Benzo(k)fluoranthene
Concen: 44.94 ng m
RT: 14.97 min Scan# 1145
Delta R.T. 0.01 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	8.6	8.9	13.3#





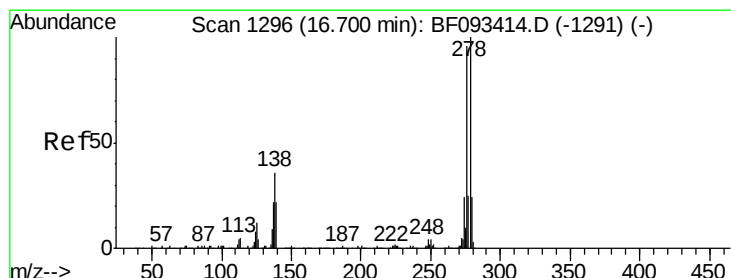
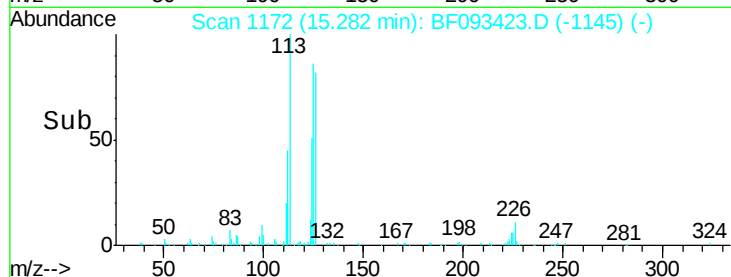
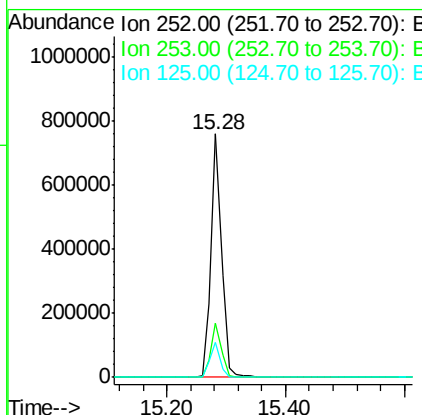
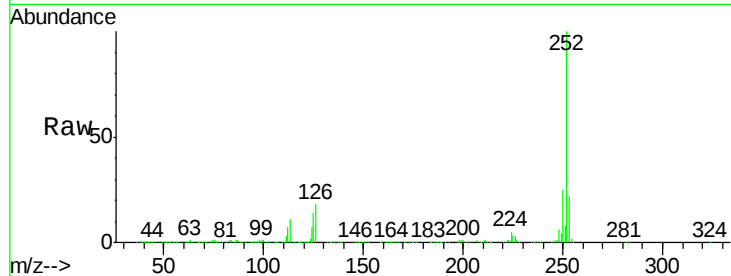
#89
Benzo(a)pyrene
Concen: 42.46 ng
RT: 15.28 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.1	18.2	27.2	
125	14.4	10.0	15.0	

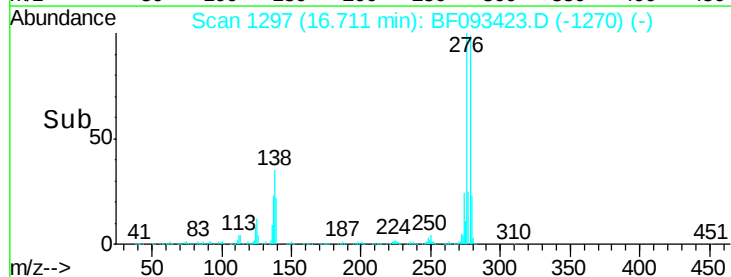
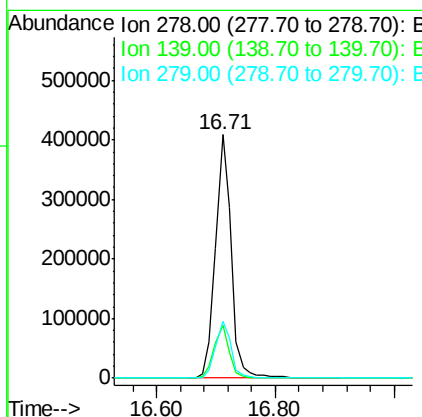
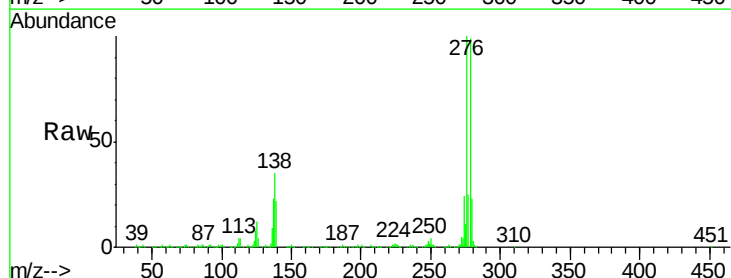
Manual Integrations
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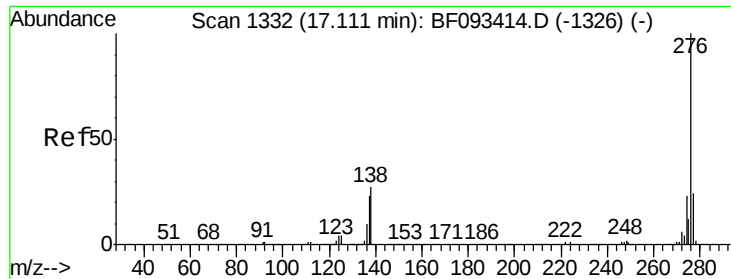
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 40.97 ng
RT: 16.71 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF093423.D
Acq: 7 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	21.7	14.8	22.2	
279	23.3	19.8	29.6	





#91
 Benzo(a,h,i)perylene
 Concen: 41.38 ng
 RT: 17.12 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF093423.D
 Acq: 7 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	27.9	16.0	24.0

Manual Integrations
 APPROVED

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