

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
 Data File : BF093412.D
 Acq On : 7 Mar 2017 11:29
 Operator : SJ/MA
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

mohammad
 3/8/2017 1:45:20 PM

Quant Time: Mar 07 15:30:42 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 13:09:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	198197m	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	812380	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	442133	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	716931	20.00	ng	0.00
75) Chrysene-d12	13.92	240	624206	20.00	ng	0.00
86) Perylene-d12	15.33	264	533609	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	258796	22.40	ng	0.01
7) Phenol-d6	6.41	99	349417	23.51	ng	0.00
23) Nitrobenzene-d5	7.34	82	319822	21.92	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	61194	19.14	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	571277	23.41	ng	-0.01
78) Terphenyl-d14	12.86	244	568527	21.40	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.29	88	69353	11.11	ng	92
3) Pyridine	3.02	79	157441	9.92	ng	# 88
4) n-Nitrosodimethylamine	2.95	42	69111	9.27	ng	# 87
6) Aniline	6.42	93	239599m	11.82	ng	
8) 2-Chlorophenol	6.55	128	148371	11.64	ng	99
9) Benzaldehyde	6.31	77	130113	12.22	ng	90
10) Phenol	6.42	94	218612	12.57	ng	# 69
11) bis(2-Chloroethyl)ether	6.49	93	164628	11.86	ng	84
12) 1,3-Dichlorobenzene	6.70	146	171177m	11.47	ng	
13) 1,4-Dichlorobenzene	6.78	146	174401m	11.54	ng	
14) 1,2-Dichlorobenzene	6.93	146	160697	11.12	ng	97
15) Benzyl Alcohol	6.92	79	131440	11.94	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	278933	11.57	ng	52
17) 2-Methylphenol	7.04	107	120450	11.02	ng	93
18) Hexachloroethane	7.27	117	57840	11.21	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	123327	13.03	ng	93
20) 3+4-Methylphenols	7.20	107	166820	12.76	ng	# 73
22) Acetophenone	7.18	105	225335	12.15	ng	# 98
24) Nitrobenzene	7.35	77	178796	11.94	ng	98
25) Isophorone	7.59	82	313773	11.54	ng	95
26) 2-Nitrophenol	7.67	139	75542	10.61	ng	# 84
27) 2,4-Dimethylphenol	7.72	122	130270	10.42	ng	100
28) bis(2-Chloroethoxy)methane	7.81	93	202264	11.23	ng	99
29) 2,4-Dichlorophenol	7.92	162	124999	10.72	ng	85
30) 1,2,4-Trichlorobenzene	7.99	180	130250	10.36	ng	# 94
31) Naphthalene	8.07	128	470724	11.43	ng	98
32) Benzoic acid	7.84	122	43951	6.93	ng	94
33) 4-Chloroaniline	8.13	127	178538	11.05	ng	# 90
34) Hexachlorobutadiene	8.18	225	70956	10.26	ng	99
35) Caprolactam	8.48	113	39378	10.73	ng	# 39
36) 4-Chloro-3-methylphenol	8.62	107	137018	11.27	ng	88
37) 2-Methylnaphthalene	8.76	142	282660	10.69	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	131073	10.56	ng	99
42) 2,4,6-Trichlorophenol	9.05	196	79883	9.80	ng	95

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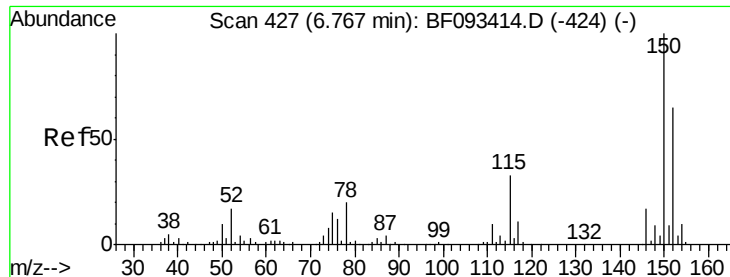
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	86341	9.66	nq	91
45) 1,1'-Biphenyl	9.22	154	368563	11.51	nq	97
46) 2-Chloronaphthalene	9.25	162	287256	11.47	nq	96
47) 2-Nitroaniline	9.35	65	92961	11.04	nq	# 74
48) Acenaphthylene	9.66	152	472047	10.91	nq	98
49) Dimethylphthalate	9.52	163	309748	10.40	nq	99
50) 2,6-Dinitrotoluene	9.59	165	66070	10.27	nq	# 41
51) Acenaphthene	9.83	154	272257	10.53	nq	96
52) 3-Nitroaniline	9.77	138	79785	10.84	nq	80
53) 2,4-Dinitrophenol	9.91	184	21693	7.55	nq	# 74
54) Dibenzofuran	10.00	168	366178	10.58	nq	97
55) 4-Nitrophenol	9.97	139	32116m	6.06	nq	
56) 2,4-Dinitrotoluene	10.01	165	83651	9.77	nq	# 75
57) Fluorene	10.34	166	318534	11.97	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	57105	9.58	nq	93
59) Diethylphthalate	10.22	149	314932	11.22	nq	100
60) 4-Chlorophenyl-phenylether	10.33	204	136754	10.69	nq	100
61) 4-Nitroaniline	10.38	138	83939	11.13	nq	89
62) Azobenzene	10.49	77	349934	12.07	nq	93
64) 4,6-Dinitro-2-methylphenol	10.42	198	37646	10.15	nq	81
65) n-Nitrosodiphenylamine	10.46	169	270633	11.82	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	80256	10.71	nq	100
67) Hexachlorobenzene	10.89	284	76677	10.36	nq	# 80
68) Atrazine	10.98	200	80323	10.93	nq	99
69) Pentachlorophenol	11.11	266	16814	5.26	nq	91
70) Phenanthrene	11.30	178	479524	11.67	nq	97
71) Anthracene	11.36	178	467286	11.33	nq	97
72) Carbazole	11.52	167	465471	11.81	nq	98
73) Di-n-butylphthalate	11.84	149	512980	12.03	nq	# 97
74) Fluoranthene	12.49	202	475719	11.23	nq	96
76) Benzidine	12.62	184	258101	9.70	nq	96
77) Pyrene	12.72	202	486433	10.41	nq	98
79) Butylbenzylphthalate	13.34	149	187132	9.86	nq	# 77
80) Benzo(a)anthracene	13.91	228	400958	10.50	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	139652	10.26	nq	# 95
82) Chrysene	13.95	228	349782	9.79	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	258939	9.98	nq	# 99
84) Di-n-octyl phthalate	14.51	149	469517	11.11	nq	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	313104	11.31	nq	# 93
87) Benzo(b)fluoranthene	14.93	252	336816m	9.59	nq	
88) Benzo(k)fluoranthene	14.95	252	344738m	11.37	nq	
89) Benzo(a)pyrene	15.27	252	318493	10.48	nq	98
90) Dibenzo(a,h)anthracene	16.69	278	271417	11.05	nq	97
91) Benzo(g,h,i)perylene	17.10	276	268308	10.82	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.76 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF093412.D

Acq: 7 Mar 2017 11:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tot Ion: 152 Resp: 198197

Ion Ratio Lower Upper

152 100

150 157.9 124.9 187.3

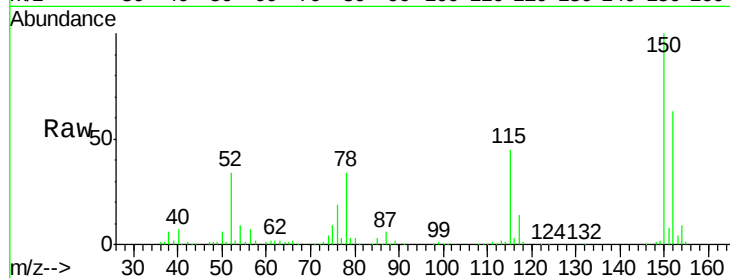
115 70.8 46.0 69.0#

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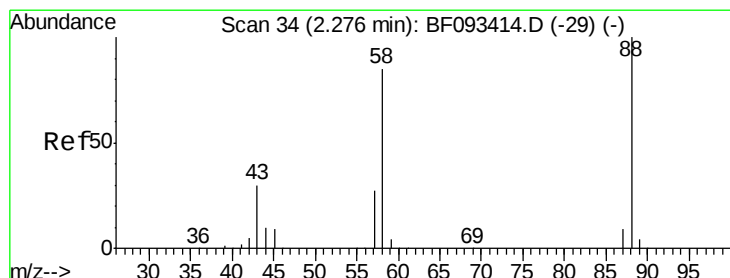
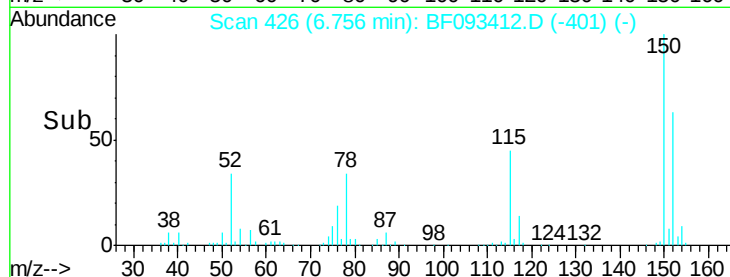
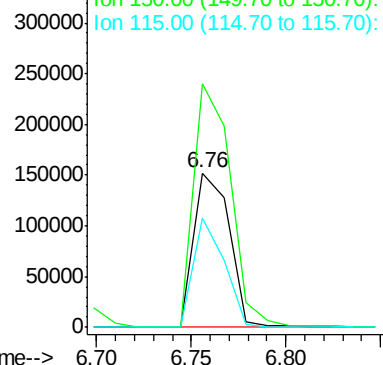
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 11.11 ng

RT: 2.29 min Scan# 35

Delta R.T. 0.01 min

Lab File: BF093412.D

Acq: 7 Mar 2017 11:29

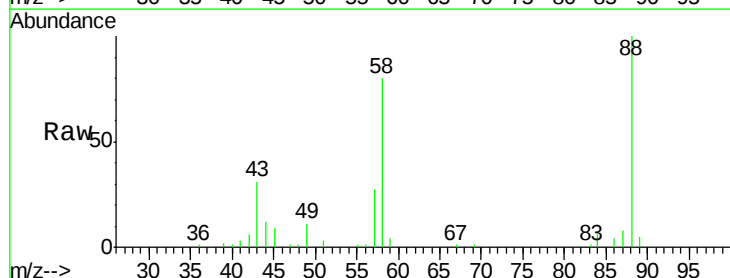
Tgt Ion: 88 Resp: 69353

Ion Ratio Lower Upper

88 100

58 80.8 57.8 86.8

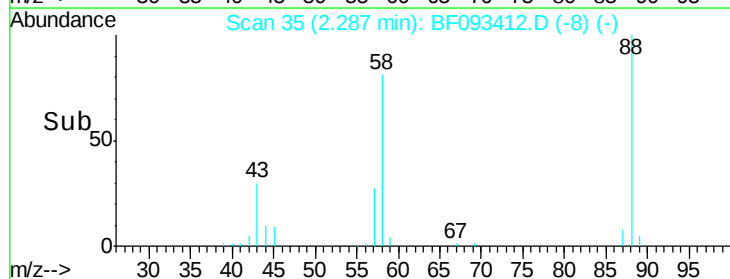
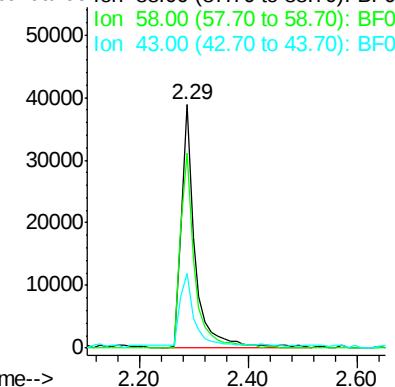
43 30.1 22.3 33.5

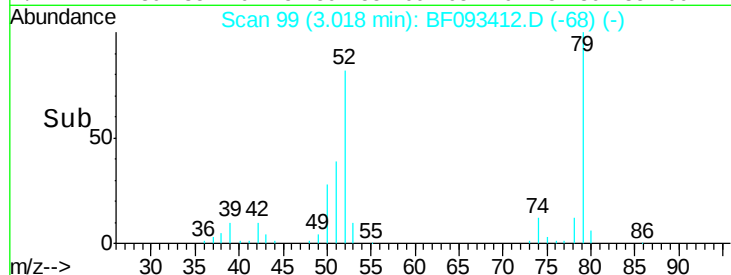
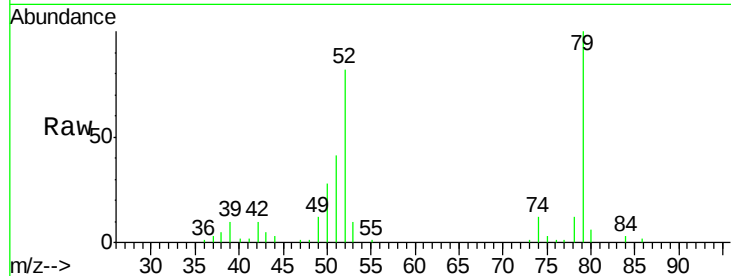
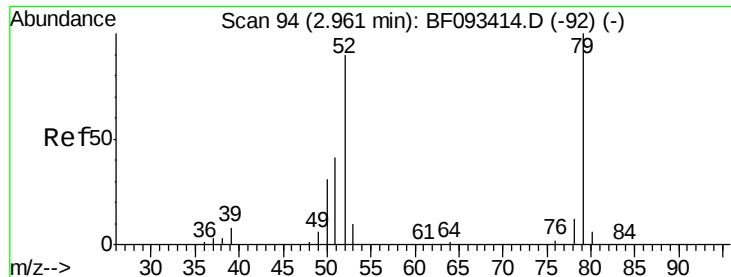


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





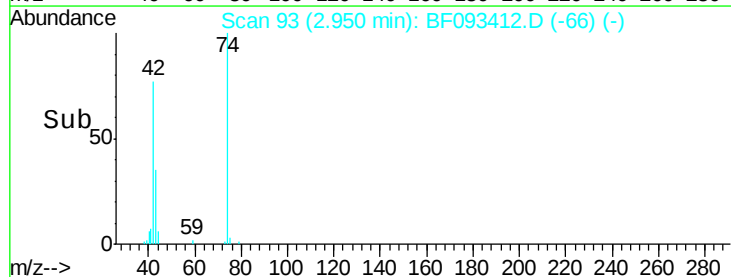
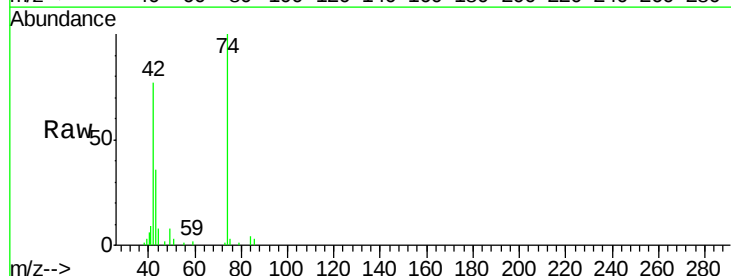
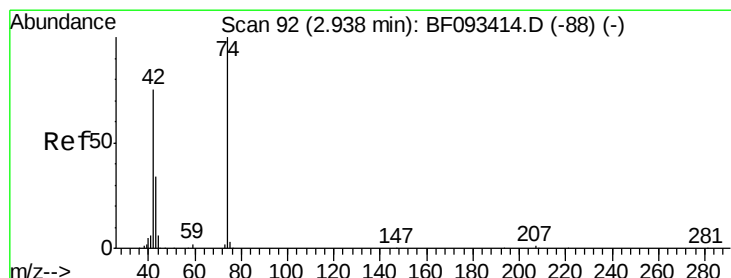
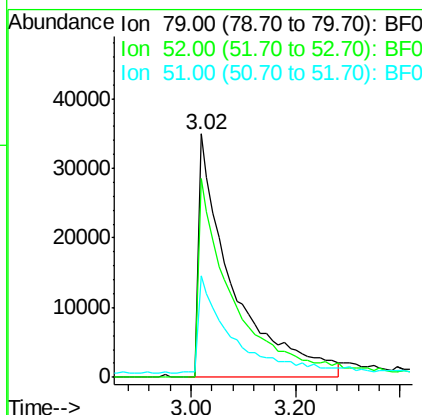
#3
Pvridine
Concen: 9.92 ng
RT: 3.02 min Scan# 99
Delta R.T. 0.06 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	81.5	57.1	85.7		
51	41.5	27.3	40.9		

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BNA_F
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SSTDIC010

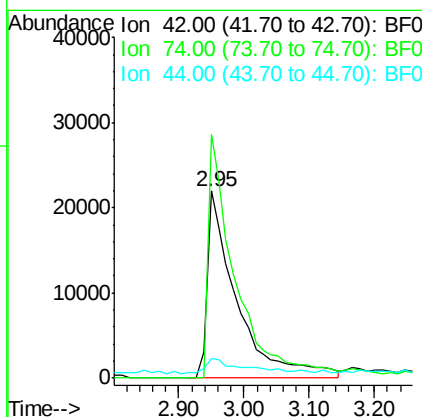
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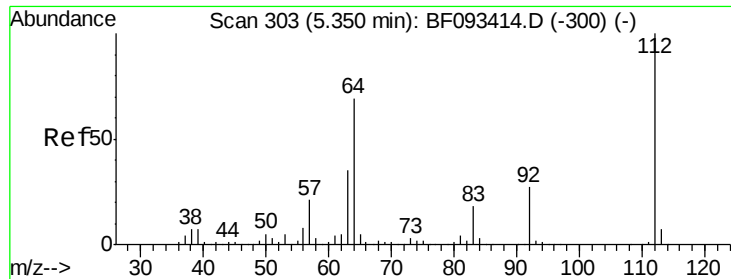
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#4
n-Nitrosodimethylamine
Concen: 9.27 ng
RT: 2.95 min Scan# 93
Delta R.T. 0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	130.2	117.0	175.4		
44	10.3	5.5	8.3		





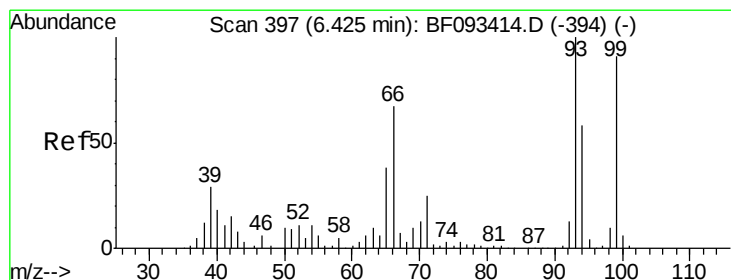
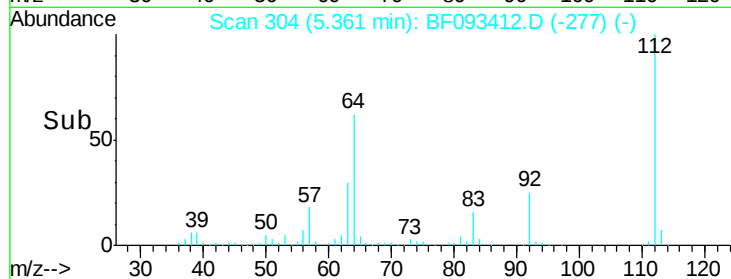
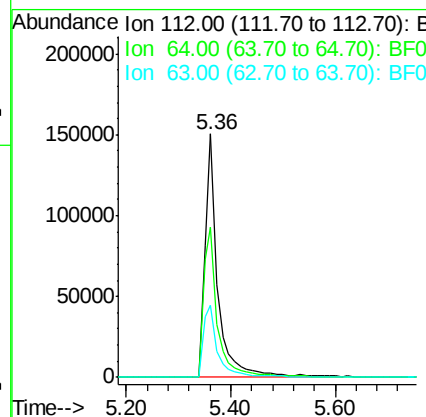
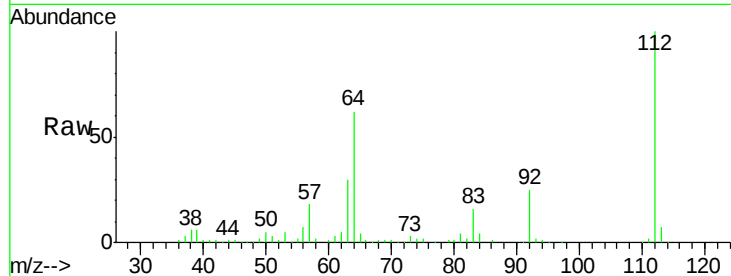
#5
2-Fluorophenol
Concen: 22.40 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	61.8	46.1	69.1
63	29.9	23.8	35.6

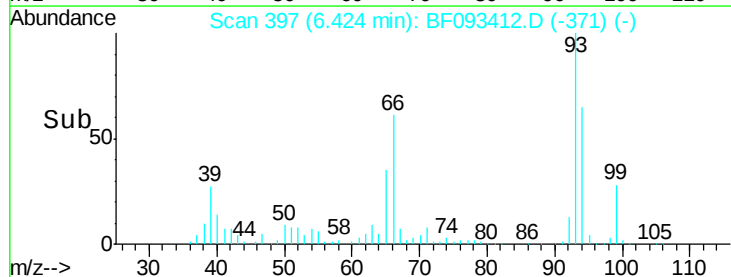
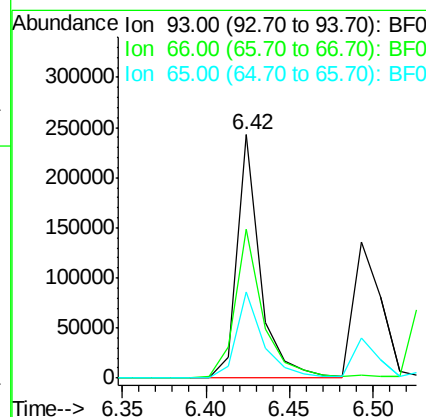
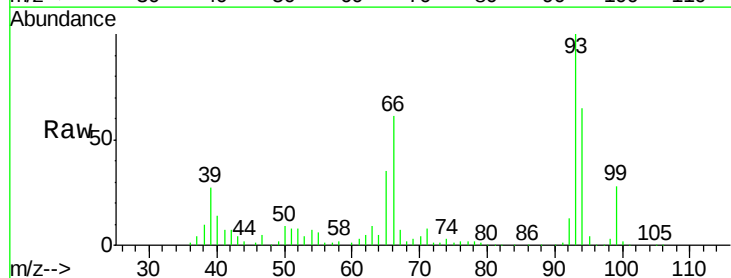
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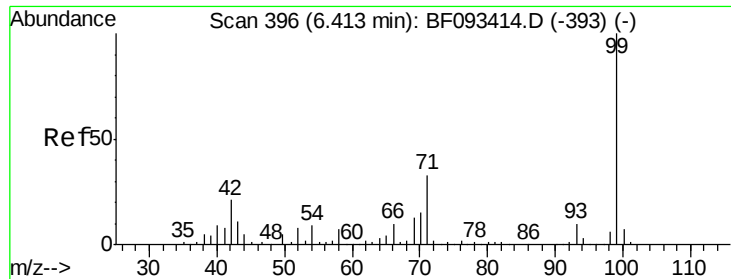
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#6
Aniline
Concen: 11.82 ng m
RT: 6.42 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	61.3	76.2	114.2#
65	35.3	49.3	73.9#





#7

Phenol-d6

Concen: 23.51 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093412.D

Acq: 7 Mar 2017 11:29

Instrument :

BNA_F

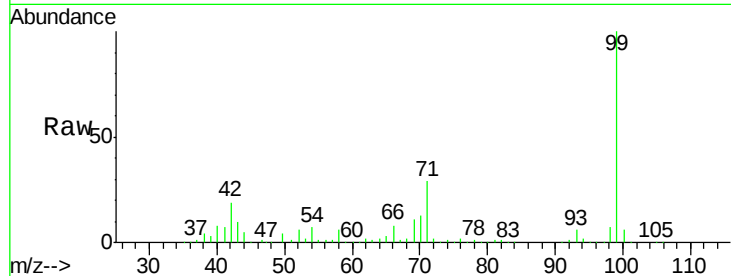
ClientSampleId :

SSTDICC010

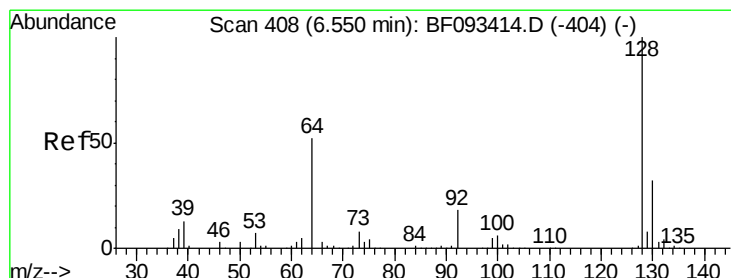
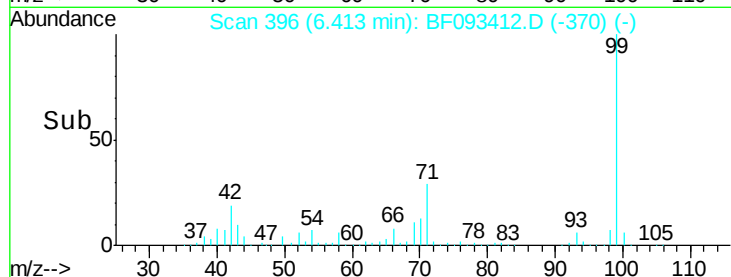
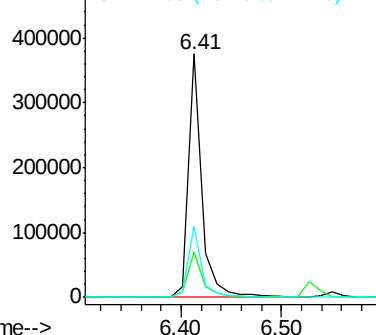
Tot Ion:	99	Resp:	349417
Ion Ratio	Lower	Upper	
99	100		
42	18.7	15.6	23.4
71	29.0	27.5	41.3

Manual Integrations
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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: 11.64 ng

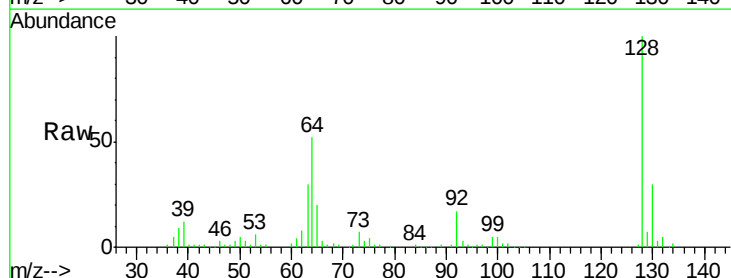
RT: 6.55 min Scan# 408

Delta R.T. -0.00 min

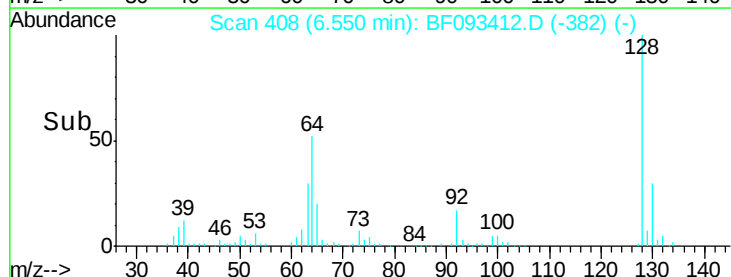
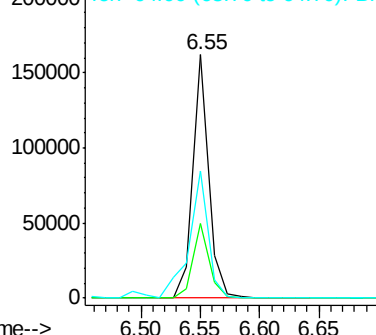
Lab File: BF093412.D

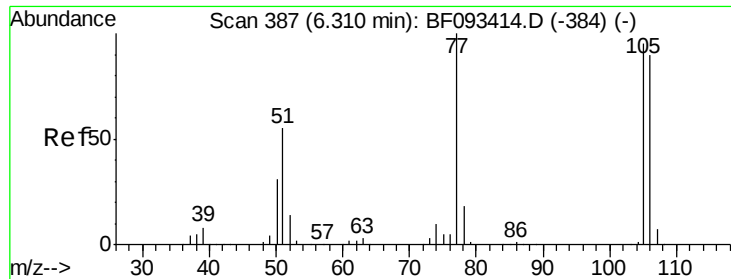
Acq: 7 Mar 2017 11:29

Tgt Ion:	128	Resp:	148371
Ion Ratio	Lower	Upper	
128	100		
130	30.5	12.3	52.3
64	52.2	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: 12.22 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093412.D

Acq: 7 Mar 2017 11:29

Instrument :

BNA_F

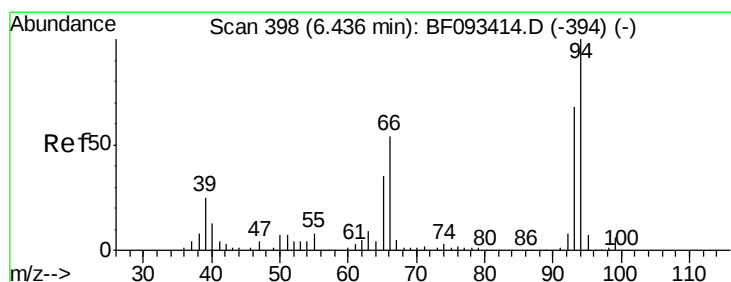
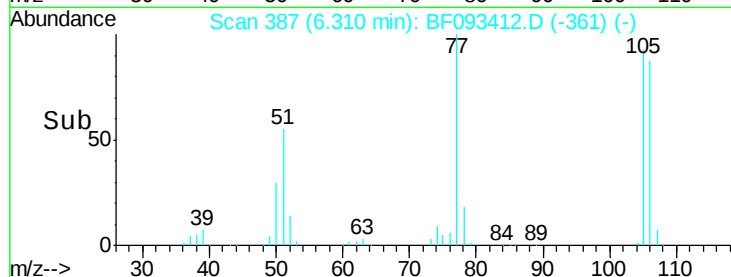
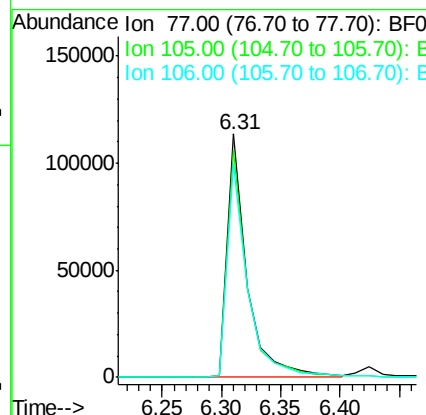
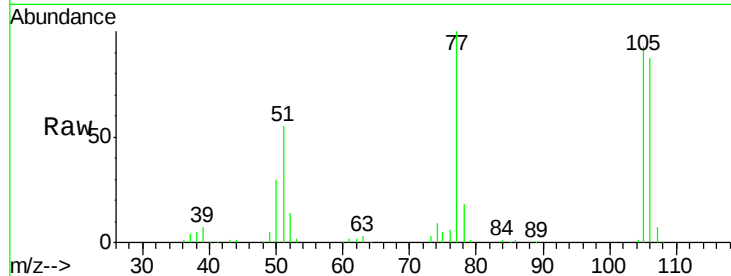
ClientSampleId :

SSTDICC010

Tot Ion:	77	Resp:	130113
Ion	Ratio	Lower	Upper
77	100		
105	93.0	83.9	123.9
106	87.5	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 12.57 ng

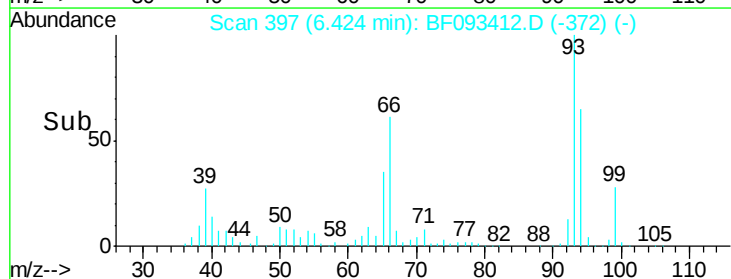
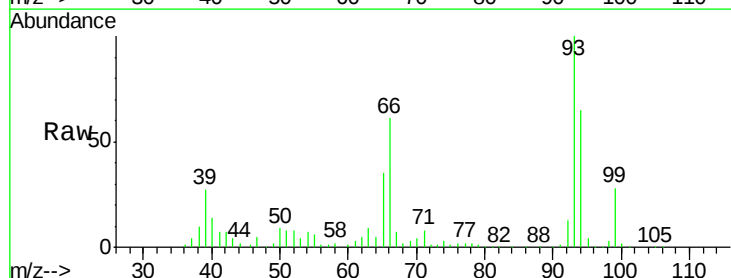
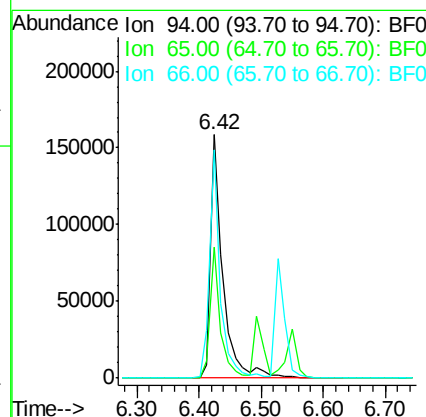
RT: 6.42 min Scan# 397

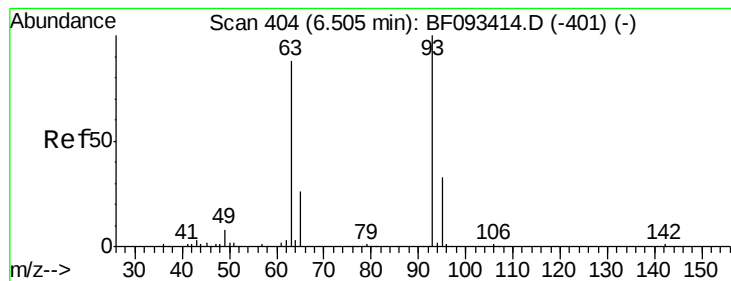
Delta R.T. -0.01 min

Lab File: BF093412.D

Acq: 7 Mar 2017 11:29

Tgt Ion:	94	Resp:	218612
Ion	Ratio	Lower	Upper
94	100		
65	54.0	21.4	61.4
66	93.9	44.0	84.0





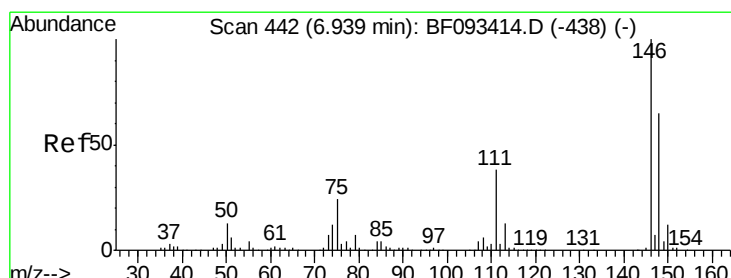
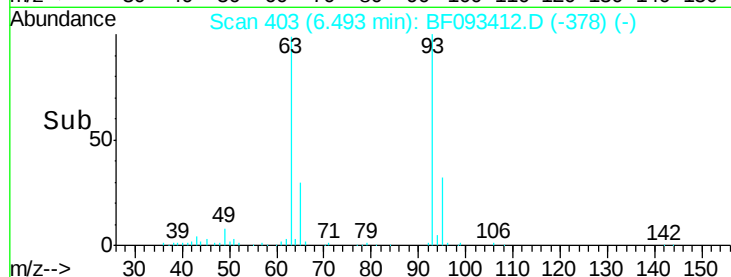
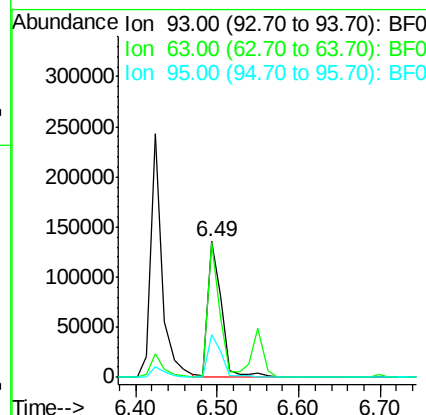
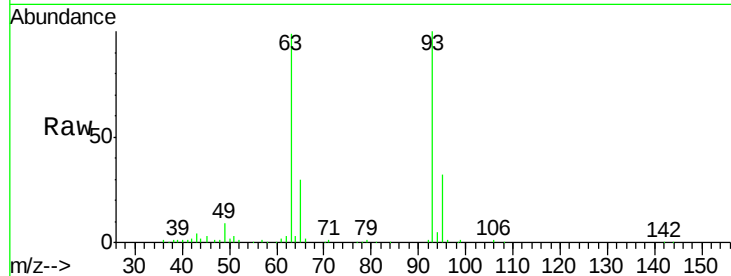
#11
bis(2-Chloroethyl)ether
Concen: 11.86 ng
RT: 6.49 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
93	100		
63	99.3	60.4	100.4
95	31.7	12.8	52.8

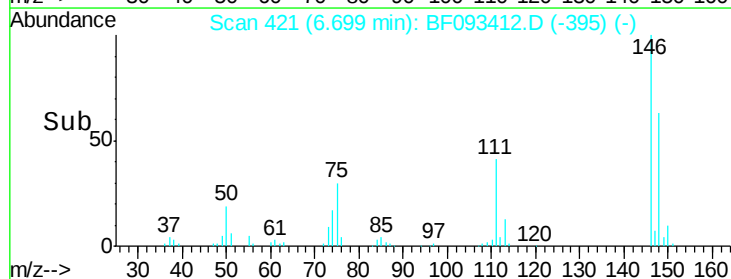
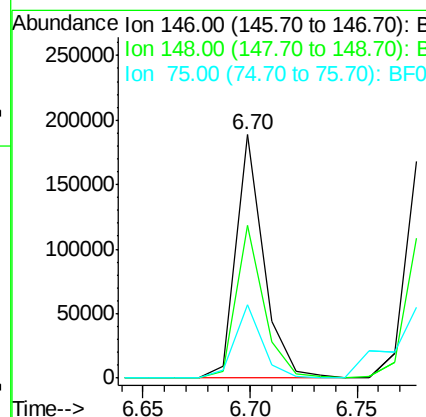
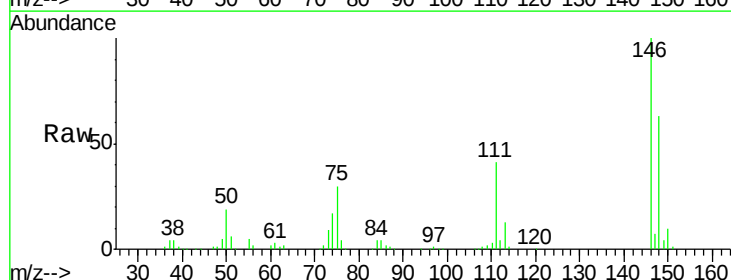
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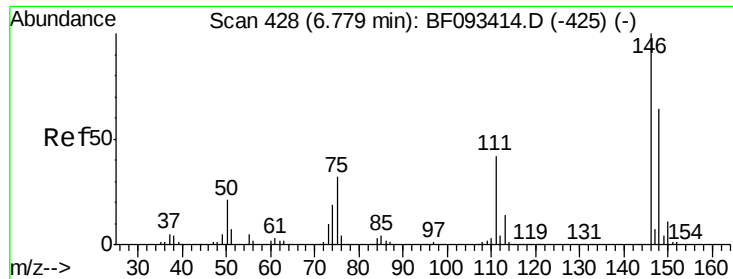
mohammad
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#12
1,3-Dichlorobenzene
Concen: 11.47 ng m
RT: 6.70 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	53.4	80.0
75	30.3	18.5	27.7





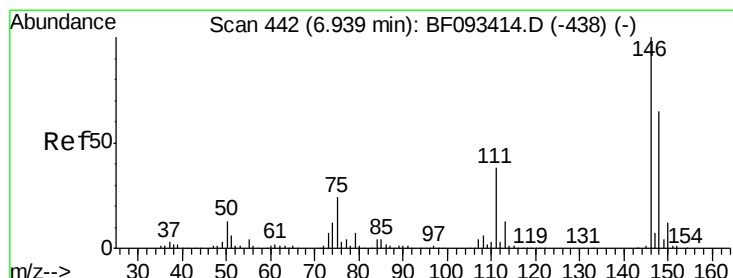
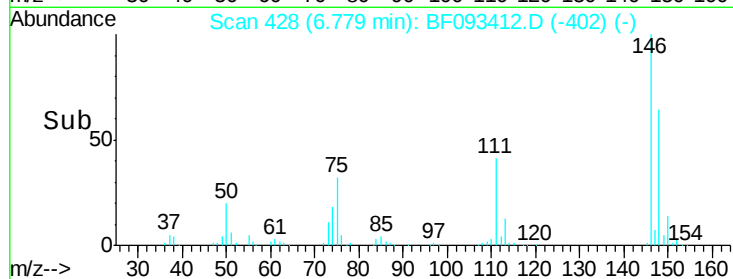
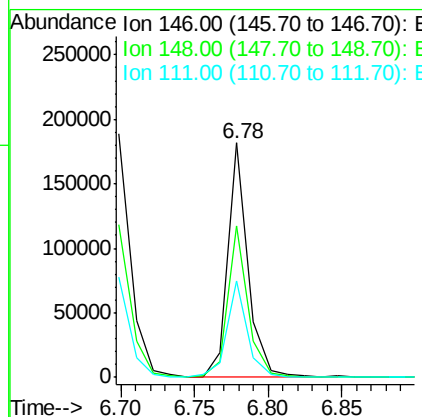
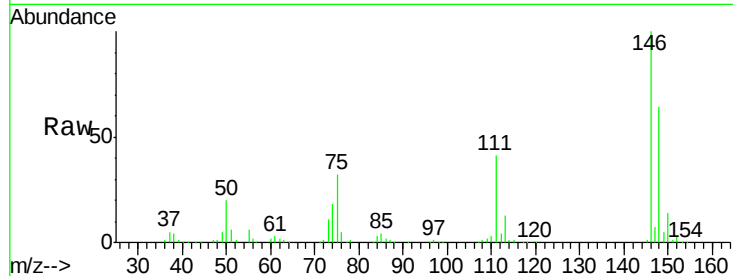
#13
 1,4-Dichlorobenzene
 Concen: 11.54 ng m
 RT: 6.78 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF093412.D
 Acq: 7 Mar 2017 11:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
111	41.4	36.2	54.4

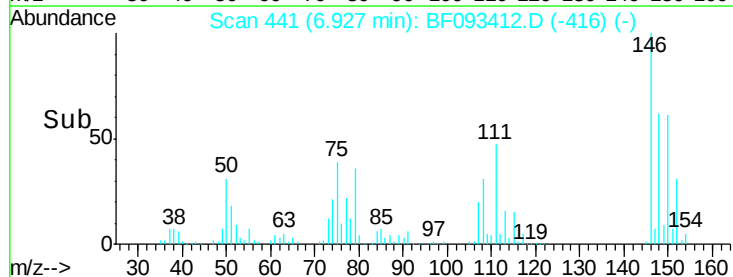
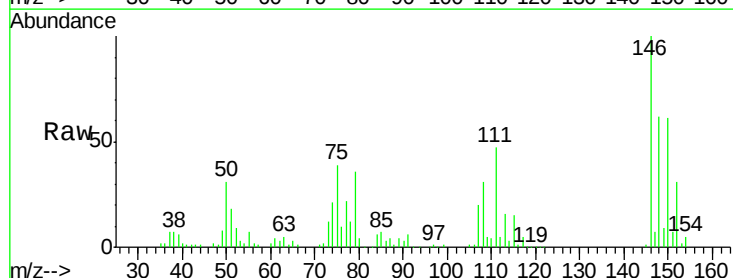
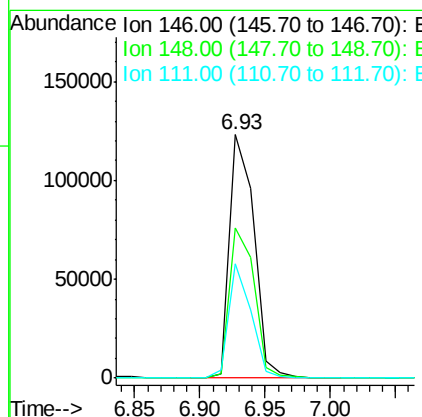
Manual Integrations
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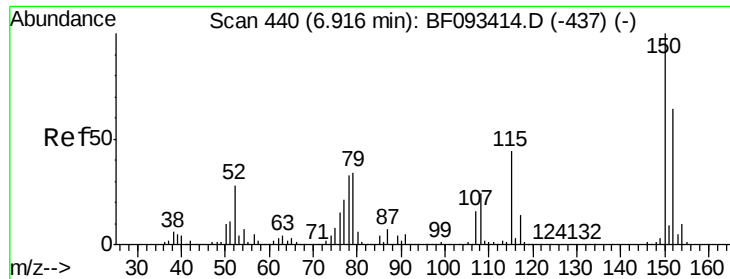
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 11.12 ng
 RT: 6.93 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF093412.D
 Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	52.2	78.2
111	46.8	36.2	54.2





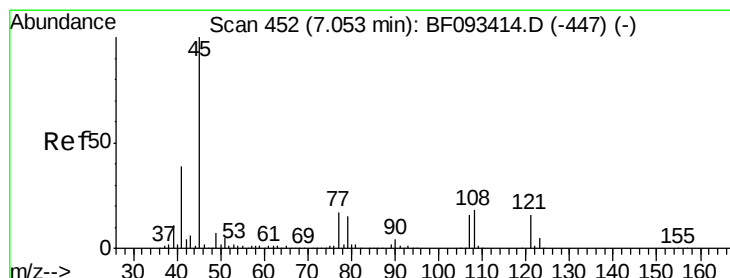
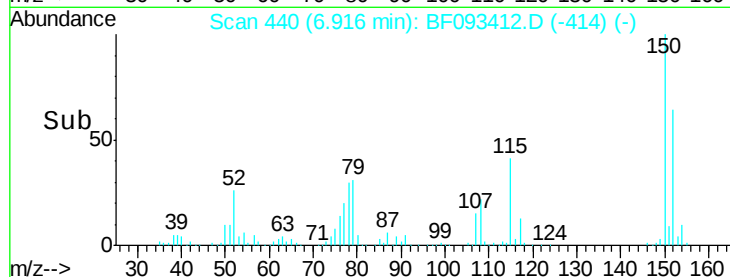
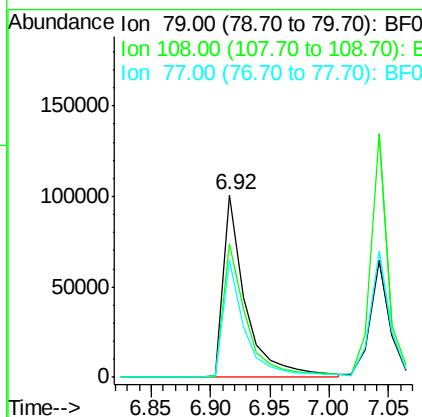
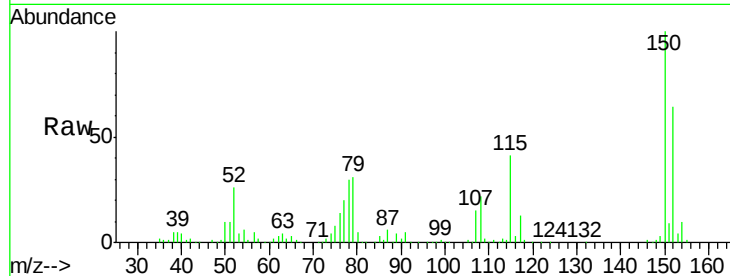
#15
Benzyl Alcohol
Concen: 11.94 ng
RT: 6.92 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.1	61.4	92.0
77	64.0	50.9	76.3

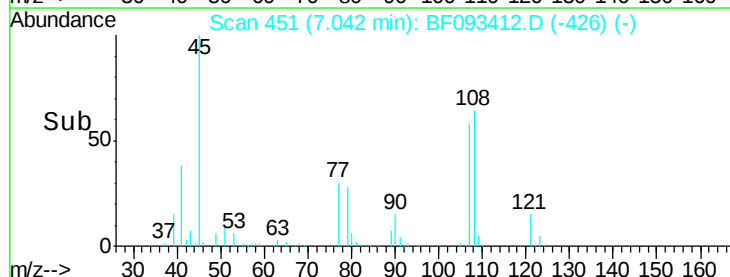
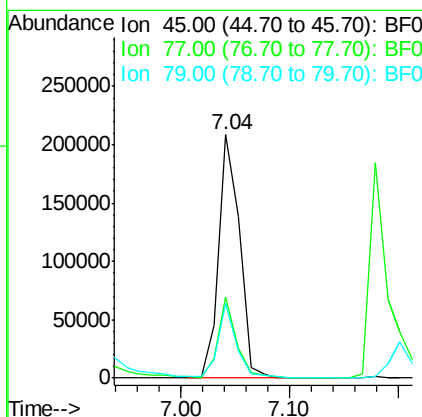
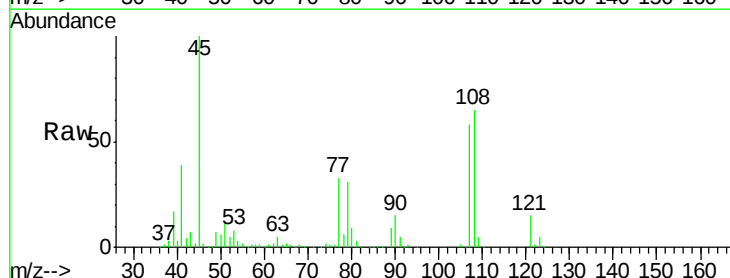
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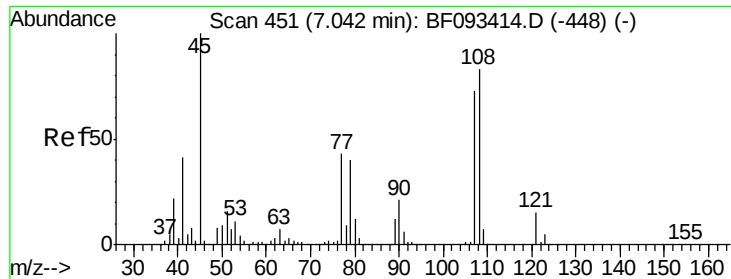
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.57 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	33.3	0.0	34.6
79	30.8	0.0	31.2





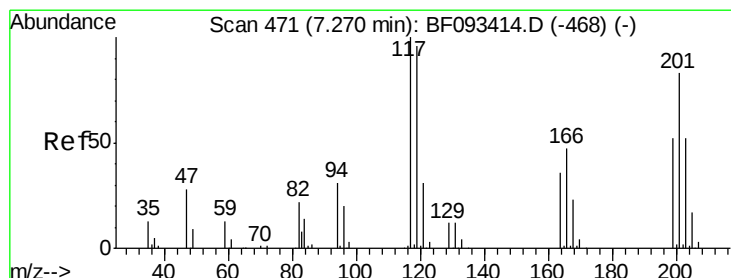
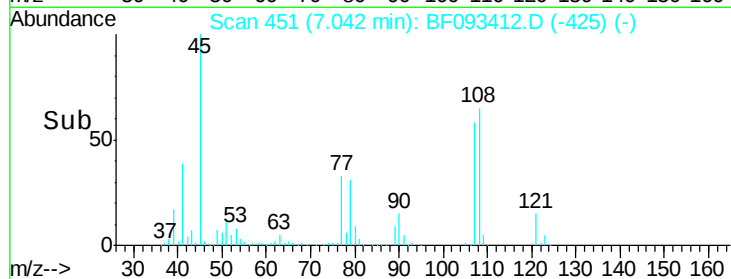
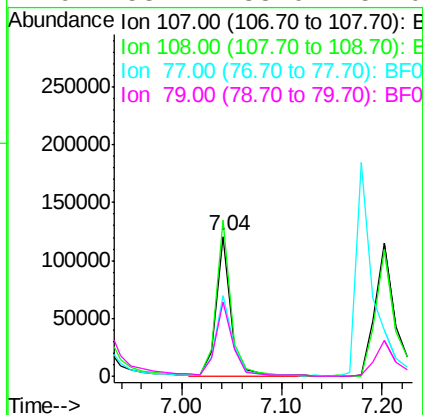
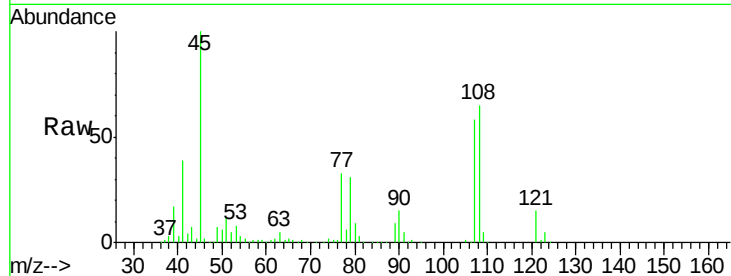
#17
2-Methylphenol
Concen: 11.02 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	107	Resp	120450
Ion Ratio	Lower	Upper	
107	100		
108	111.2	93.0	139.6
77	57.4	39.8	59.8
79	53.2	38.0	57.0

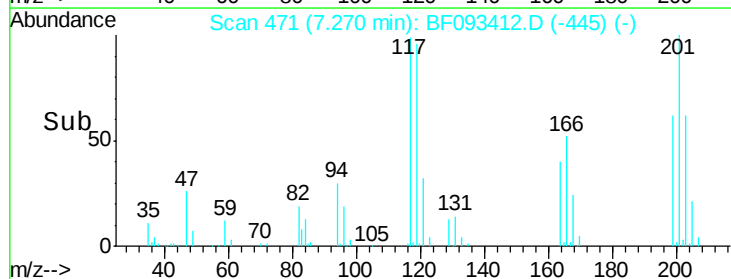
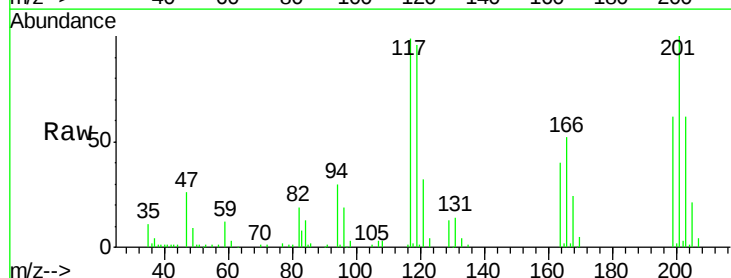
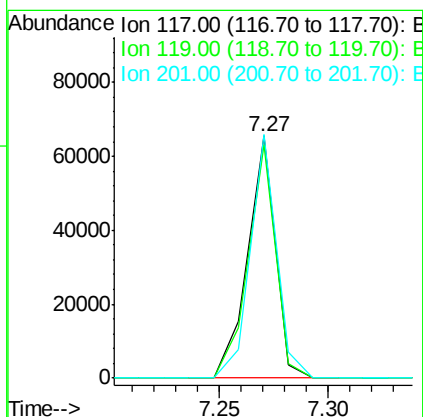
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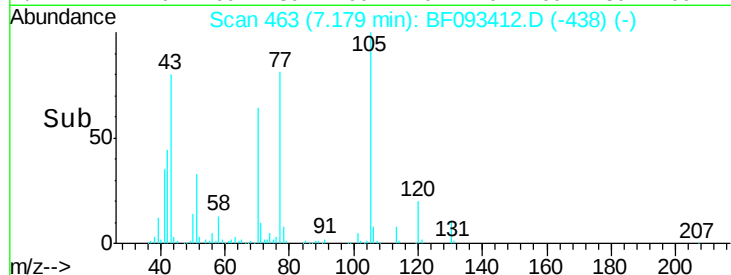
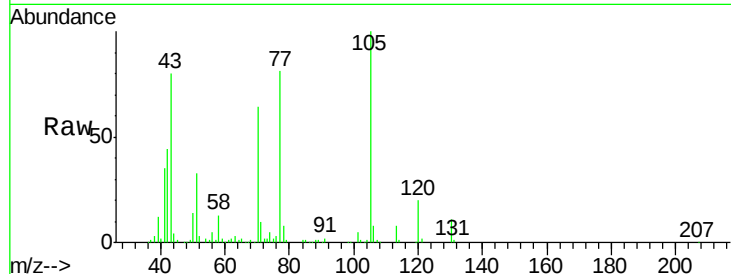
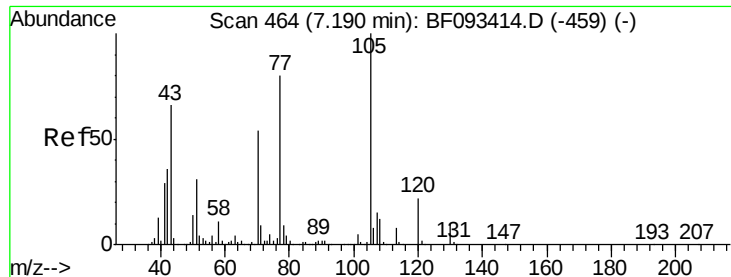
mohammad
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#18
Hexachloroethane
Concen: 11.21 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	117	Resp	57840
Ion Ratio	Lower	Upper	
117	100		
119	96.5	78.1	117.1
201	100.5	78.6	117.8





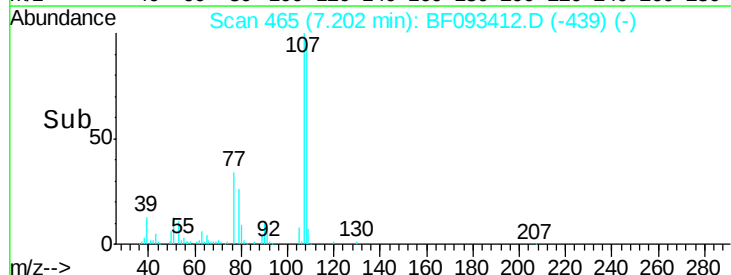
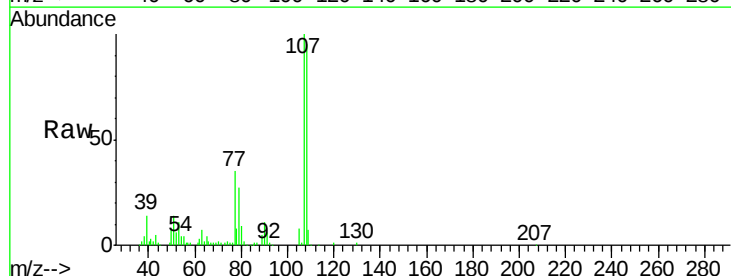
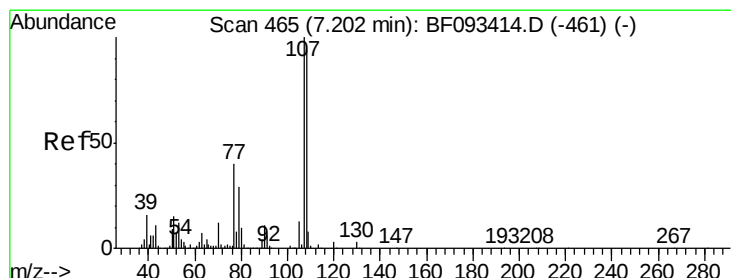
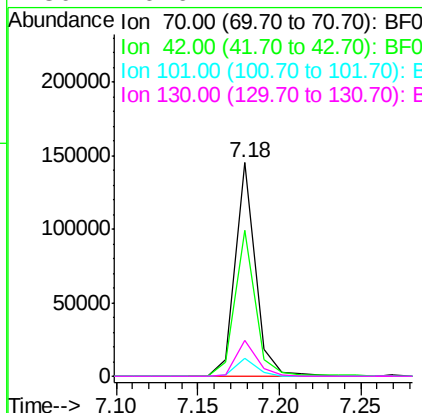
#19
n-Nitroso-di-n-propylamine
Concen: 13.03 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.5	49.4	74.0	
101	8.6	7.4	11.2	
130	16.6	14.2	21.4	

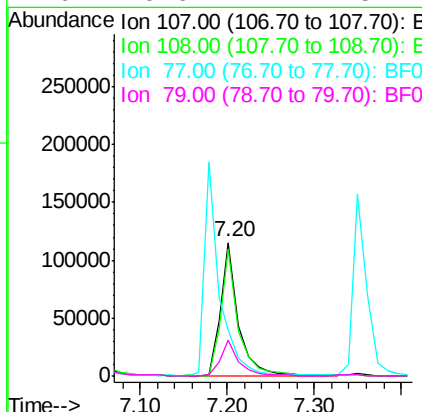
Manual Integrations
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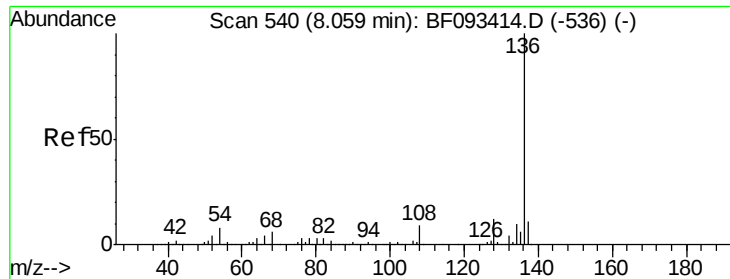
mohammad
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#20
3+4-Methylphenols
Concen: 12.76 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.0	73.0	113.0	
77	35.0	71.3	111.3	
79	26.6	11.1	51.1	





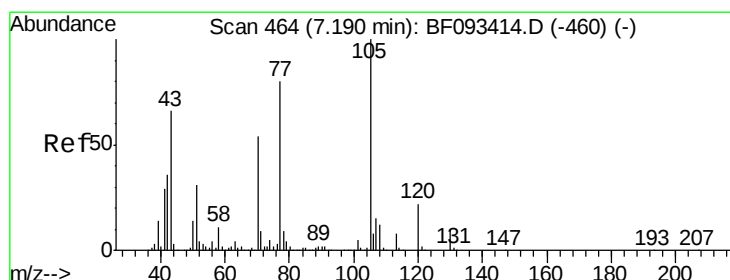
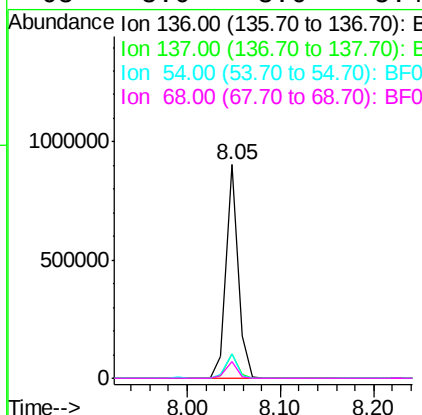
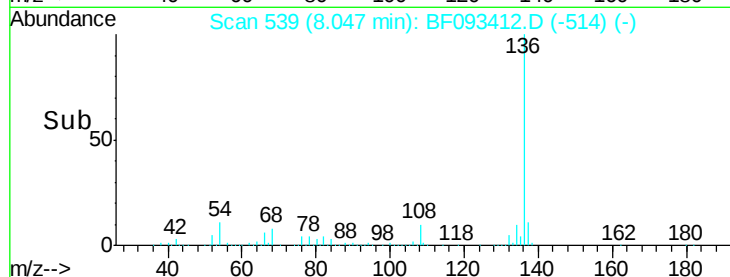
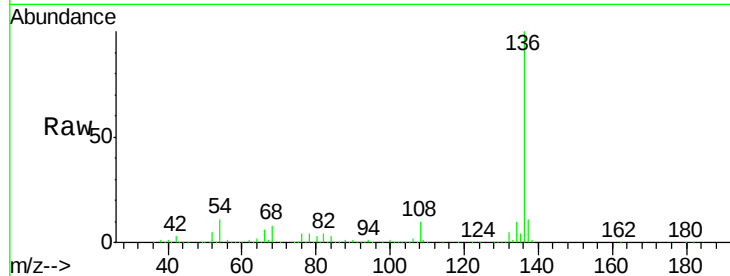
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
136	100	812380		
137	11.5		8.4	12.6
54	11.3		4.5	6.7#
68	8.0		3.6	5.4#

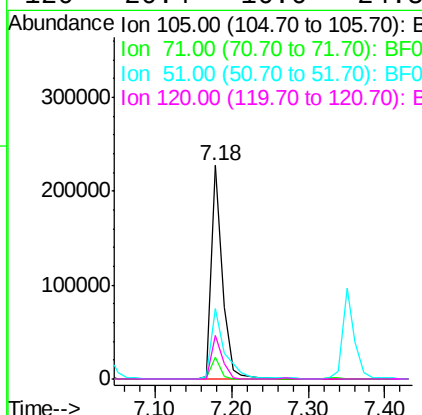
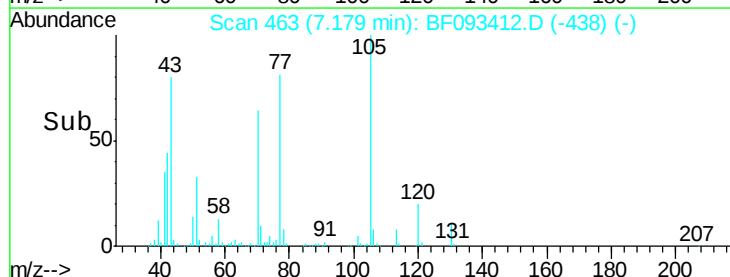
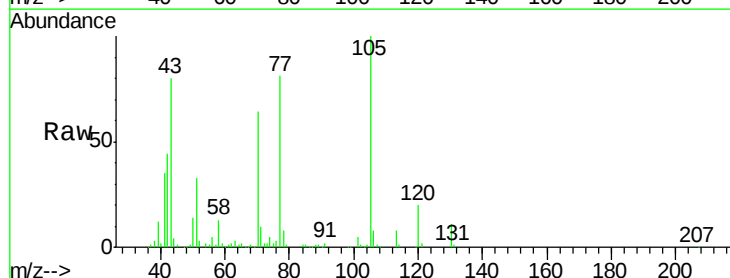
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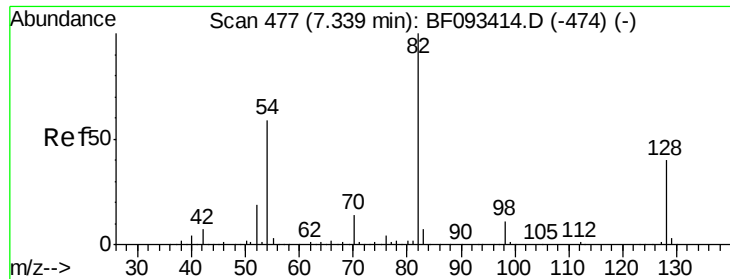
mohammad
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#22
Acetophenone
Concen: 12.15 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	225335		
71	10.4		3.2	4.8#
51	33.1		26.2	39.4
120	20.4		16.6	24.8





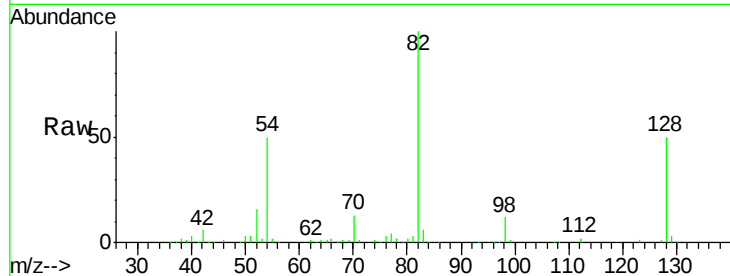
#23
Nitrobenzene-d5
Concen: 21.92 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

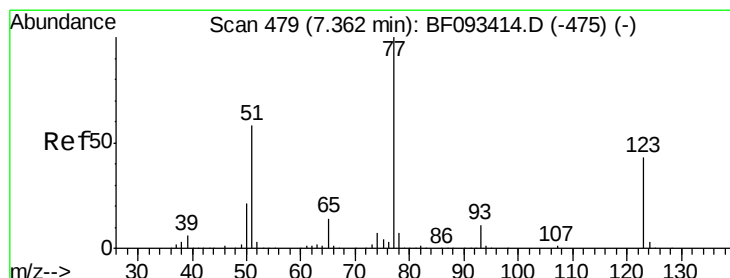
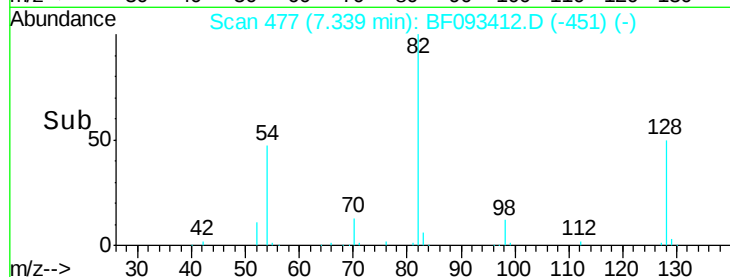
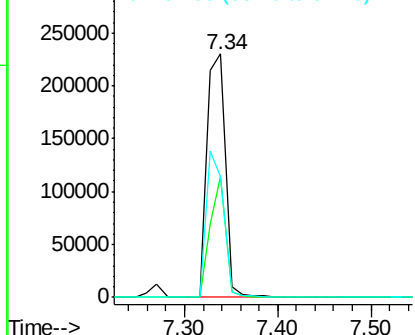
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.5	34.6	52.0
54	49.6	39.5	59.3

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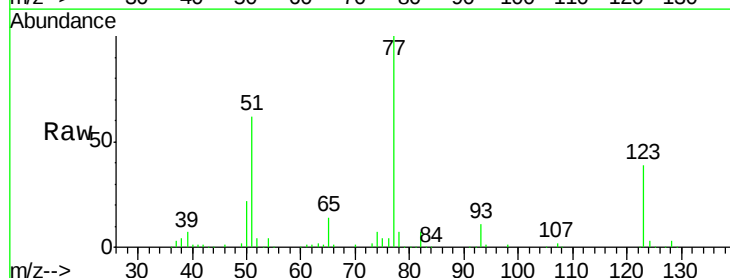


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

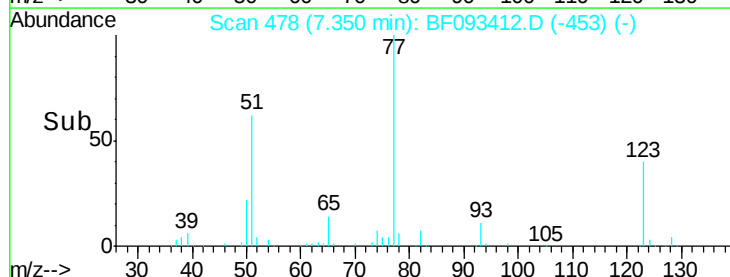
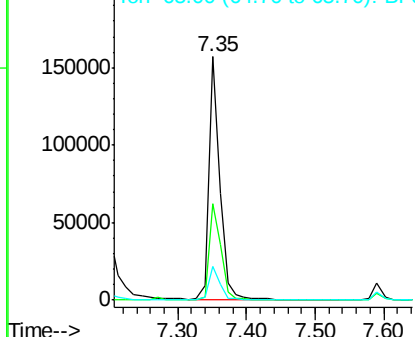


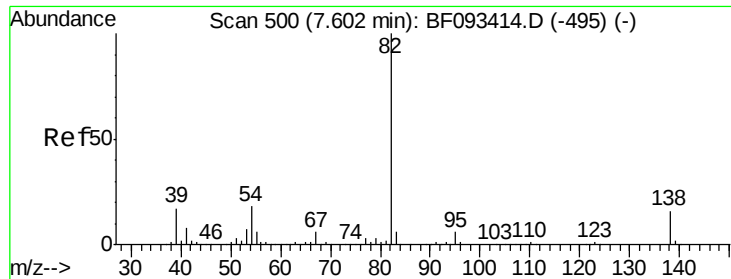
#24
Nitrobenzene
Concen: 11.94 ng
RT: 7.35 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.5	33.0	49.4
65	14.0	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: 11.54 ng

RT: 7.59 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF093412.D

Acq: 7 Mar 2017 11:29

Instrument :

BNA_F

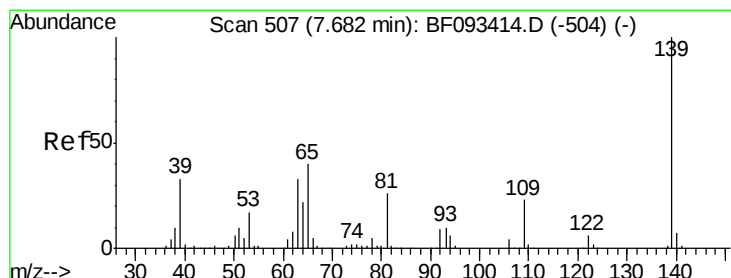
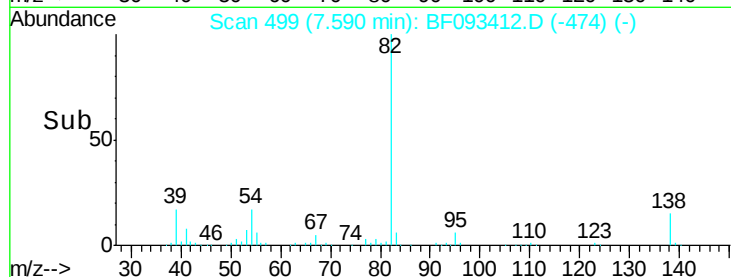
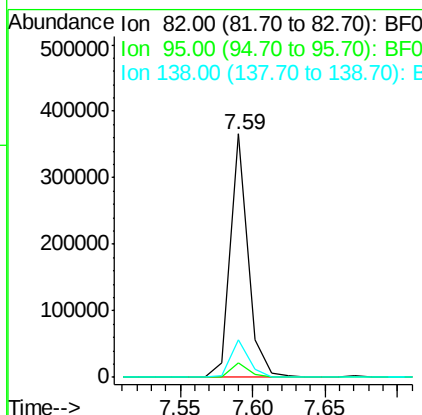
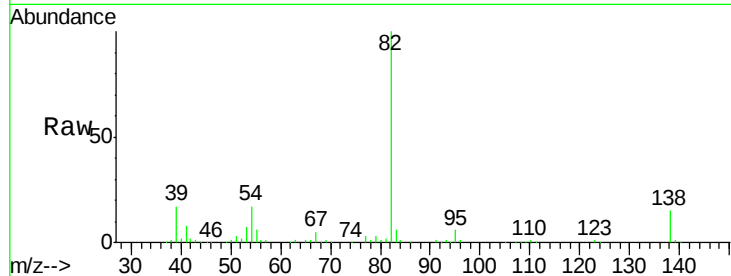
ClientSampleId :

SSTDICC010

Tot Ion:	82	Resp:	313773
Ion Ratio		Lower	Upper
82	100		
95	6.2	5.6	8.4
138	15.4	14.6	22.0

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#26

2-Nitrophenol

Concen: 10.61 ng

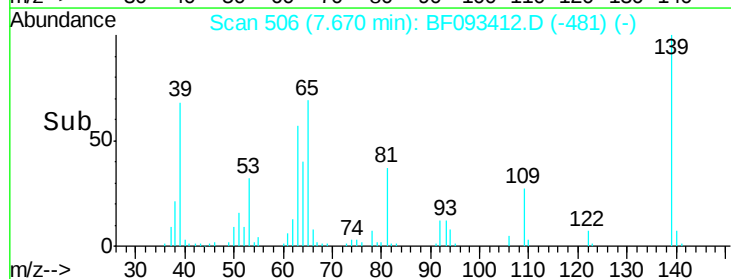
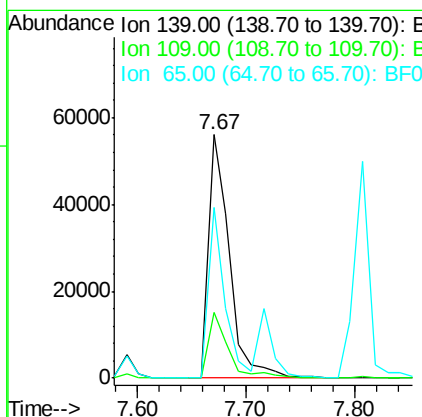
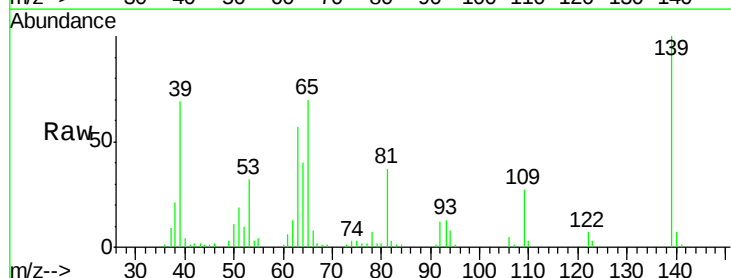
RT: 7.67 min Scan# 506

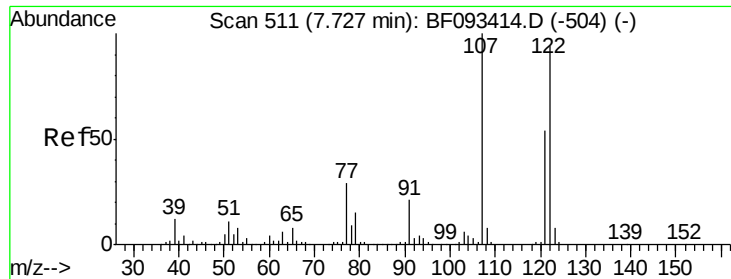
Delta R.T. -0.01 min

Lab File: BF093412.D

Acq: 7 Mar 2017 11:29

Tgt Ion:	139	Resp:	75542
Ion Ratio		Lower	Upper
139	100		
109	27.0	23.3	34.9
65	69.9	42.7	64.1#





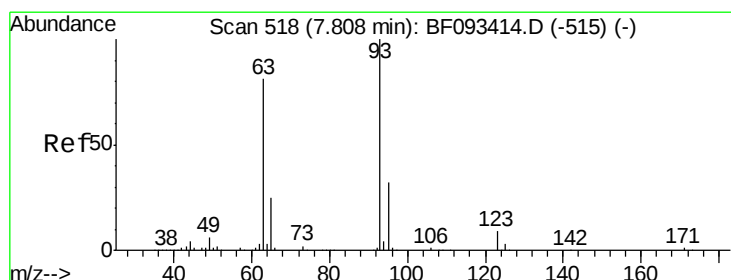
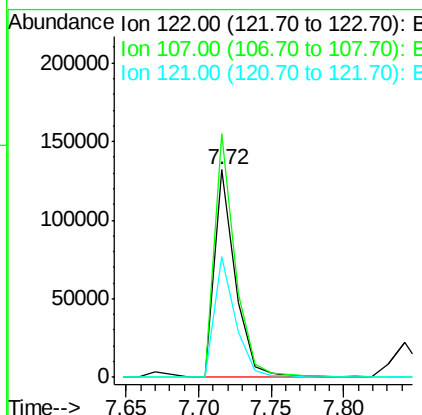
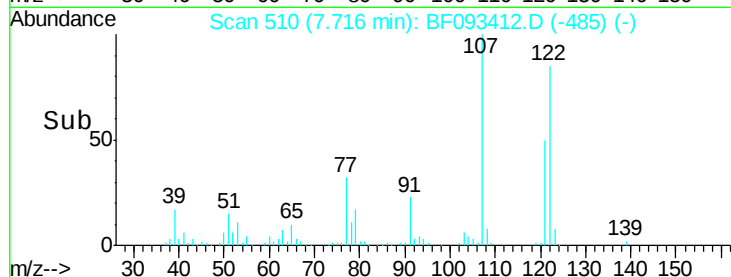
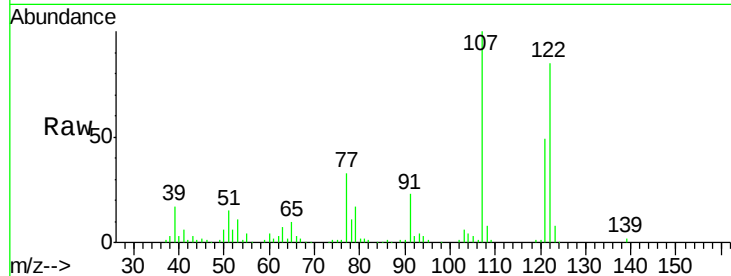
#27
2,4-Dimethylphenol
Concen: 10.42 ng
RT: 7.72 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.5	94.1	141.1
121	58.2	46.0	69.0

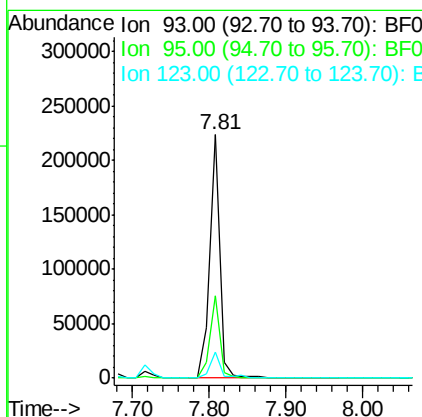
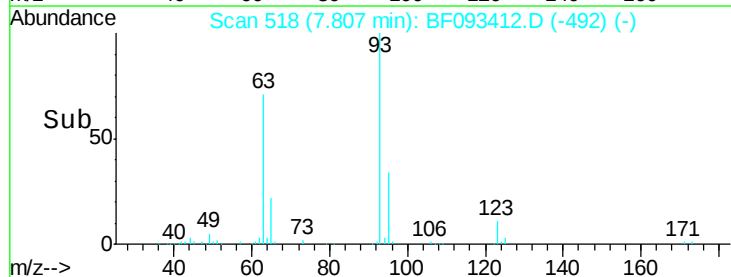
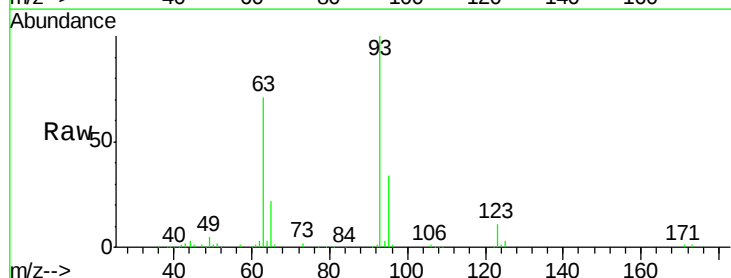
Manual Integrations
APPROVED

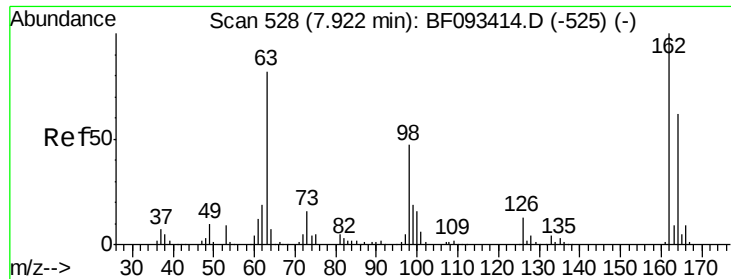
mohammad
3/8/2017 1:45:20 PM



#28
bis(2-Chloroethoxy)methane
Concen: 11.23 ng
RT: 7.81 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.5	39.7
123	10.7	8.6	13.0





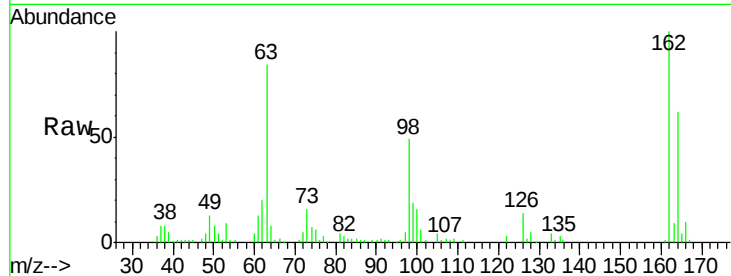
#29
2,4-Dichlorophenol
Concen: 10.72 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

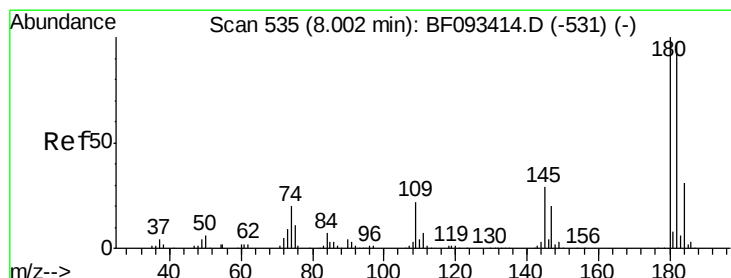
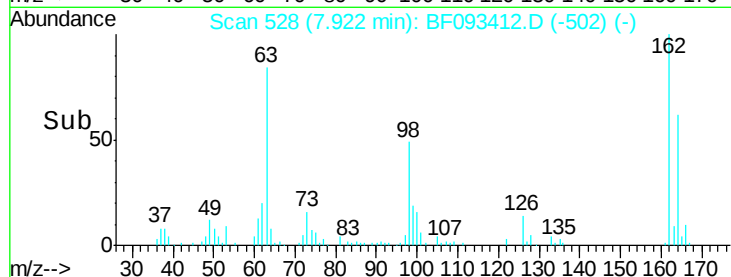
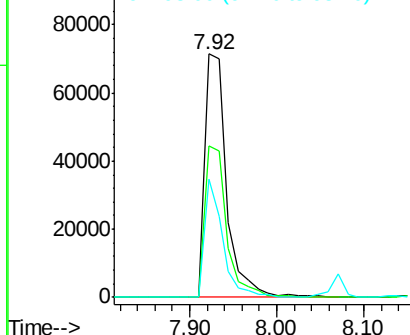
Tot Ion	Ratio	Resp	Lower	Upper
162	100	124999		
164	62.4	46.8	86.8	
98	48.7	9.1	49.1	

Manual Integrations
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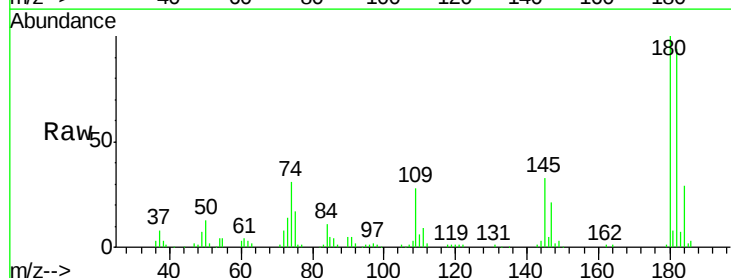


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

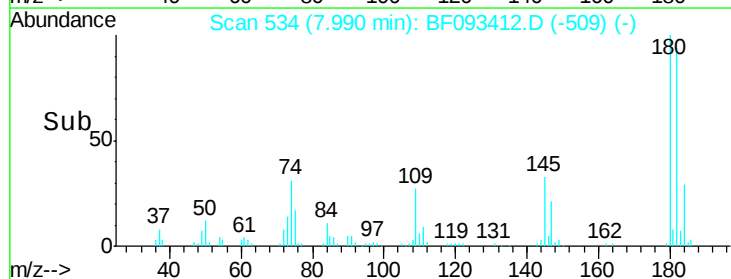
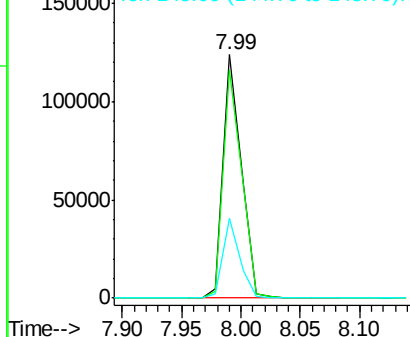


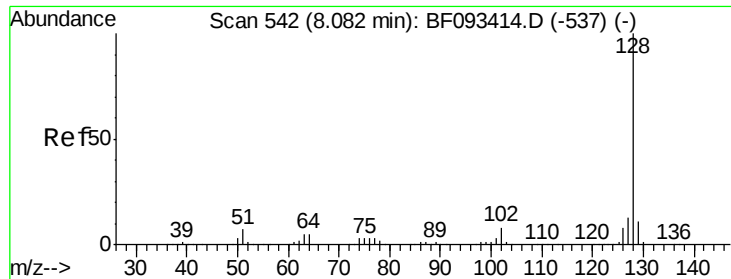
#30
1,2,4-Trichlorobenzene
Concen: 10.36 ng
RT: 7.99 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	130250		
182	93.8	78.2	117.4	
145	32.8	21.6	32.4	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





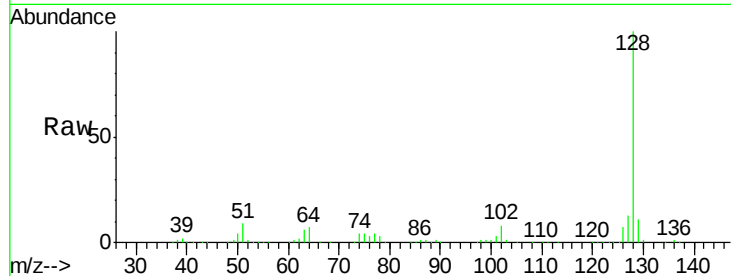
#31
Naphthalene
Concen: 11.43 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

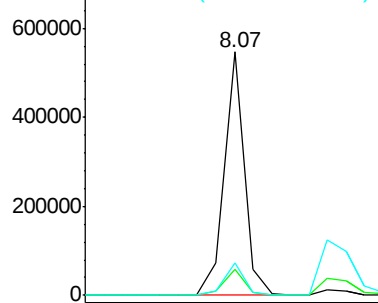
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.5	14.3
127	13.1	10.8	16.2

Manual Integrations
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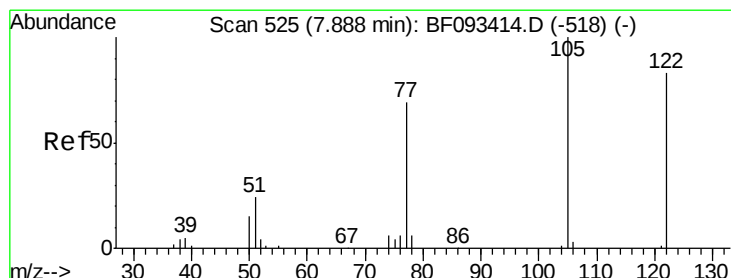
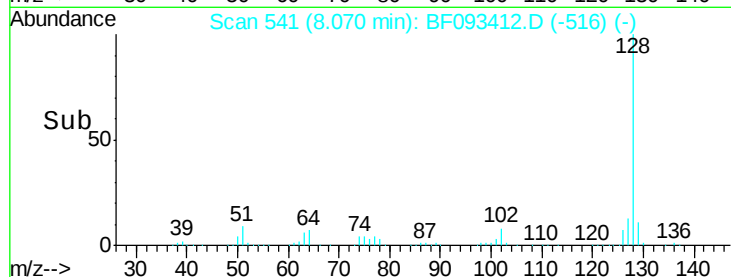
mohammad
3/8/2017 1:45:20 PM



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

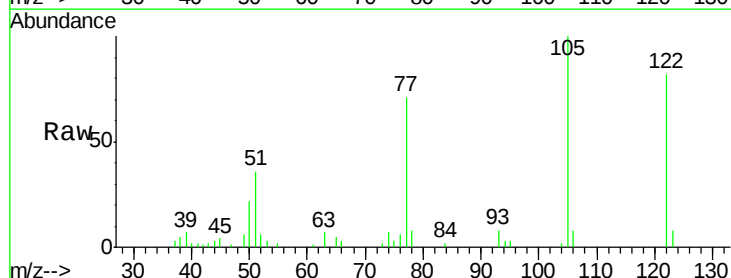


Time-->

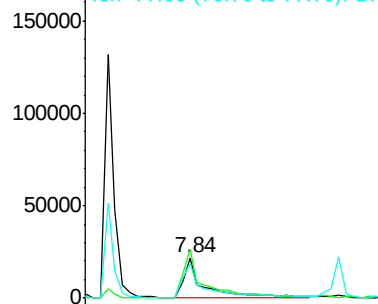


#32
Benzoic acid
Concen: 6.93 ng
RT: 7.84 min Scan# 521
Delta R.T. -0.05 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

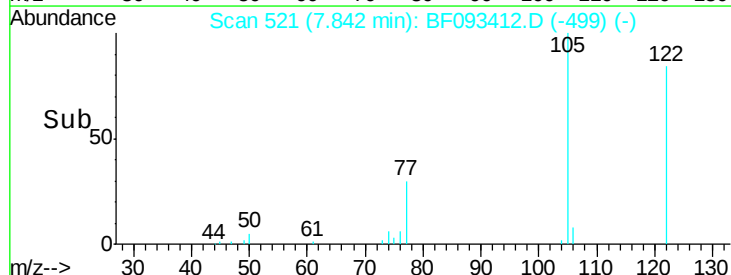
Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.3	107.2	147.2
77	87.1	74.5	114.5

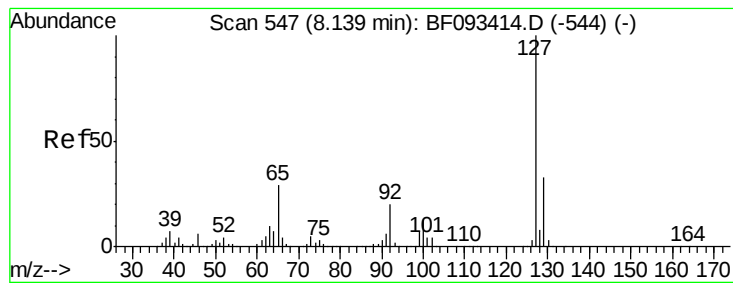


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0



Time-->





#33

4-Chloroaniline

Concen: 11.05 ng

RT: 8.13 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF093412.D

Acq: 7 Mar 2017 11:29

Instrument :

BNA_F

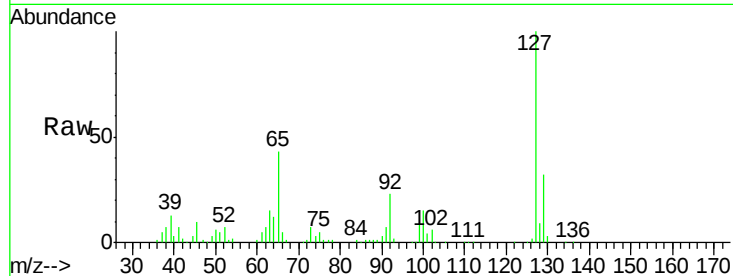
ClientSampleId :

SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	26.3	39.5	
65	43.1	25.8	38.8	
92	23.0	16.1	24.1	

Manual Integrations
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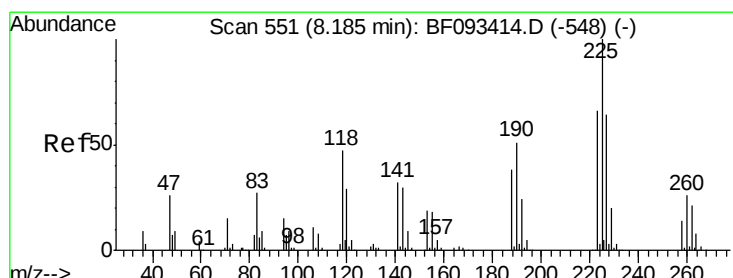
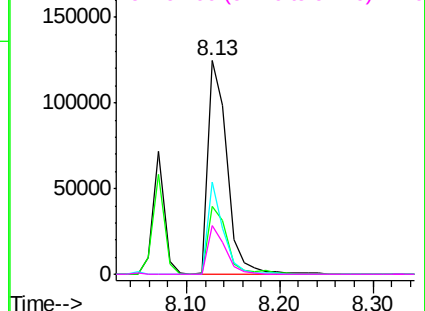
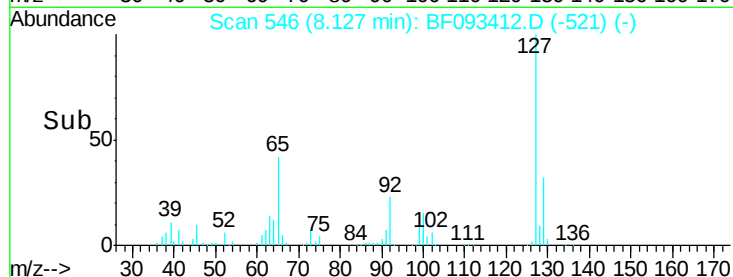


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 10.26 ng

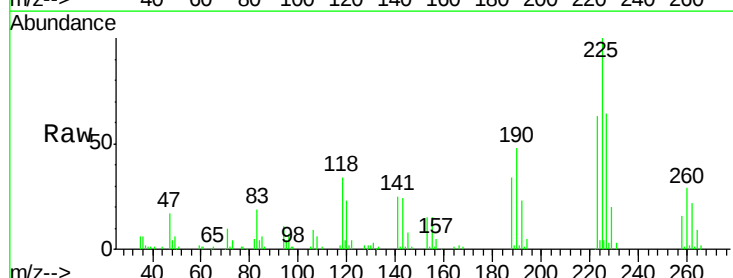
RT: 8.18 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF093412.D

Acq: 7 Mar 2017 11:29

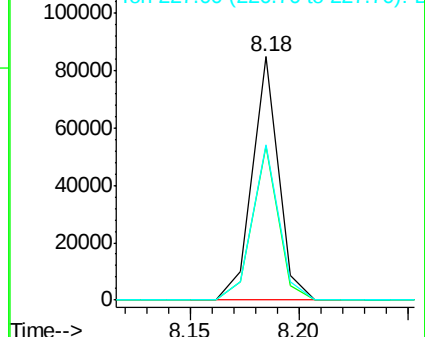
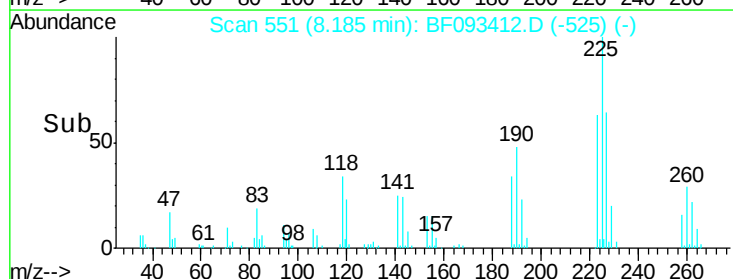
Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	51.0	76.6	
227	63.6	50.6	76.0	

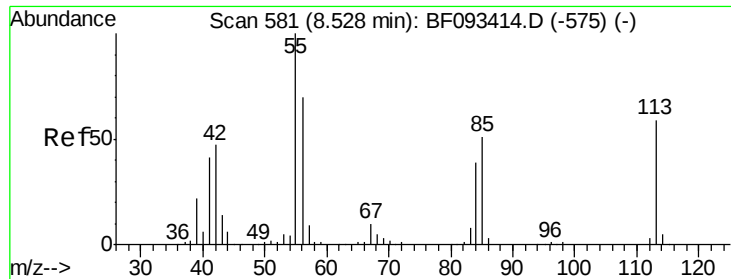


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





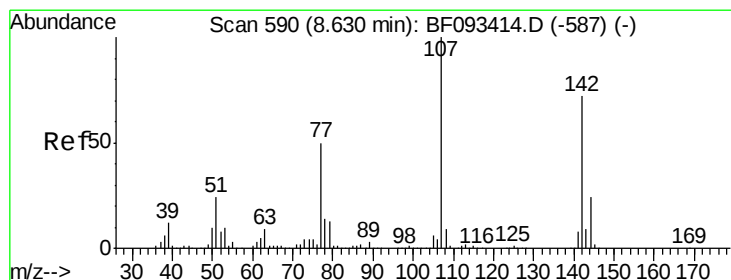
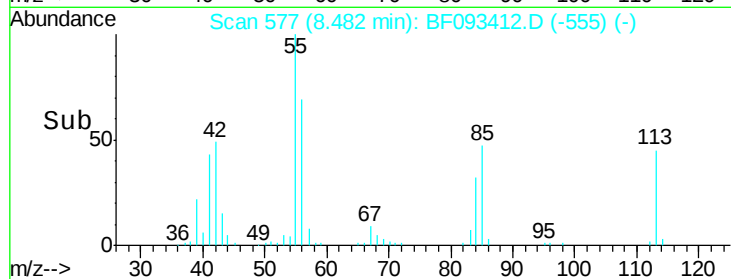
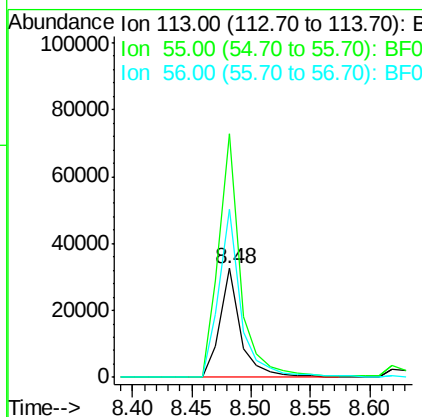
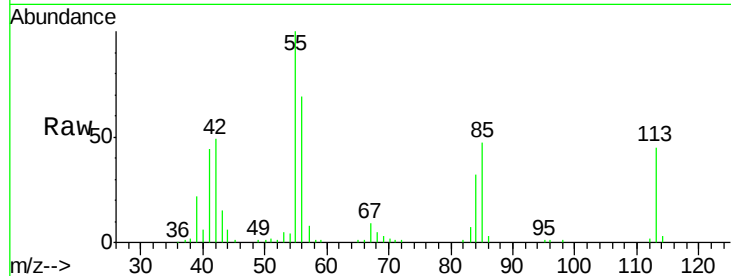
#35
 Caprolactam
 Concen: 10.73 ng
 RT: 8.48 min Scan# 577
 Delta R.T. -0.05 min
 Lab File: BF093412.D
 Acq: 7 Mar 2017 11:29

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC010

Tot Ion:113 Resp: 39378
 Ion Ratio Lower Upper
 113 100
 55 223.5 119.2 159.2#
 56 154.8 83.8 123.8#

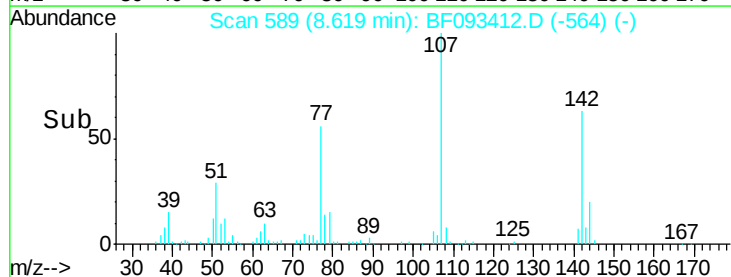
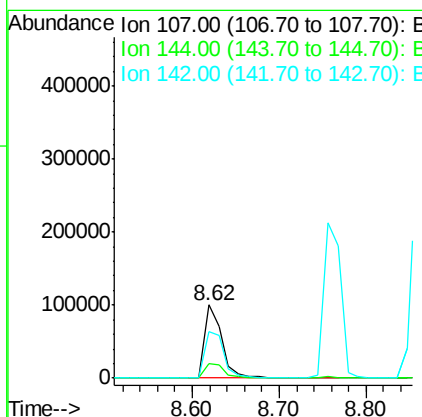
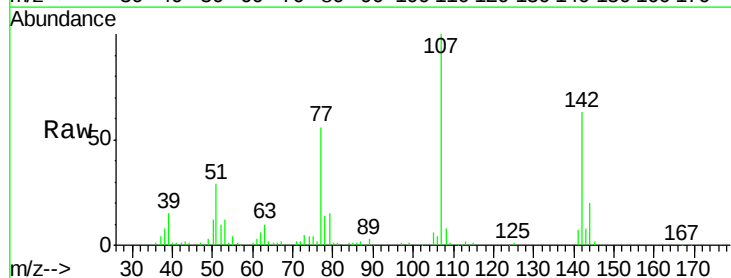
Manual Integrations
 APPROVED

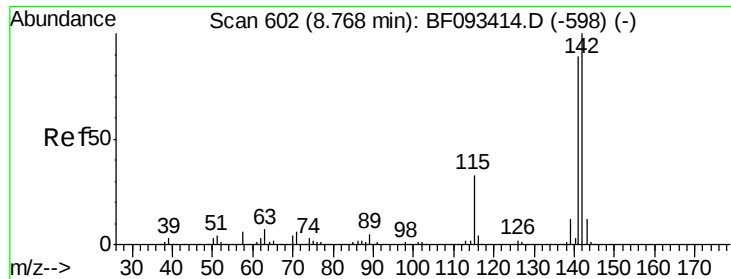
mohammad
 3/8/2017 1:45:20 PM



#36
 4-Chloro-3-methylphenol
 Concen: 11.27 ng
 RT: 8.62 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF093412.D
 Acq: 7 Mar 2017 11:29

Tgt Ion:107 Resp: 137018
 Ion Ratio Lower Upper
 107 100
 144 19.7 19.3 28.9
 142 63.1 59.0 88.6





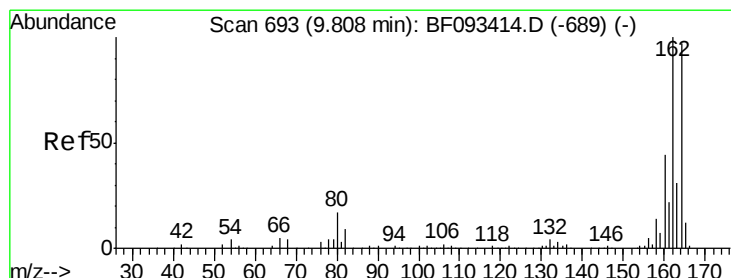
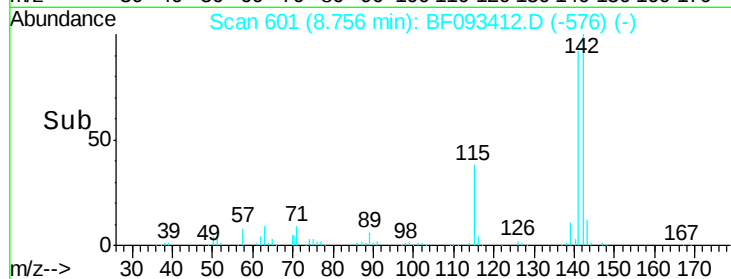
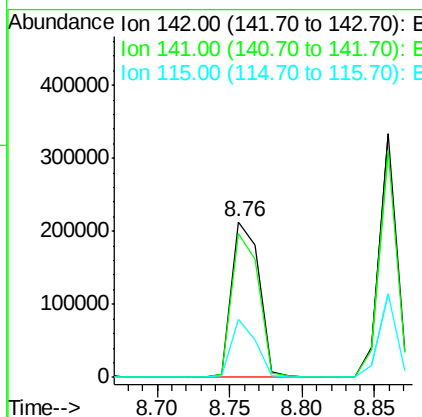
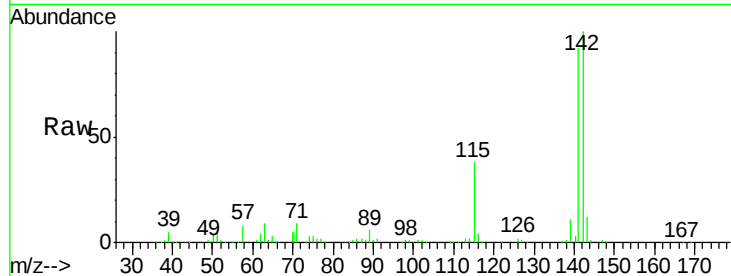
#37
2-Methylnaphthalene
Concen: 10.69 ng
RT: 8.76 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.0	106.6
115	37.5	28.3	42.5

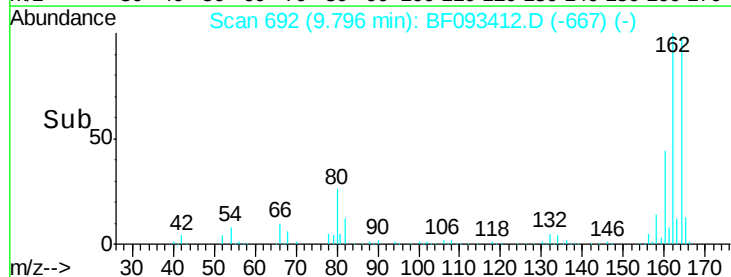
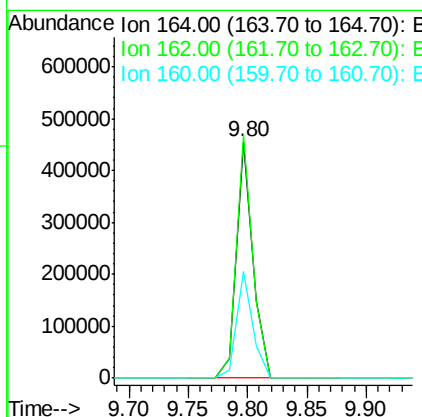
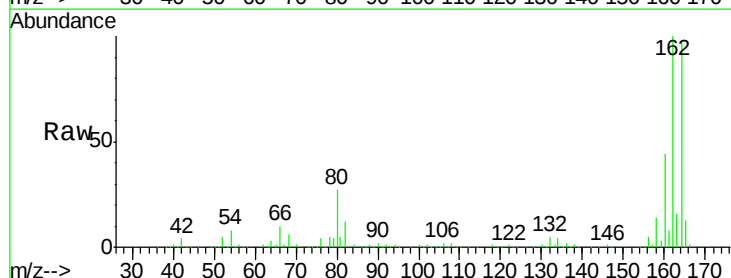
Manual Integrations
APPROVED

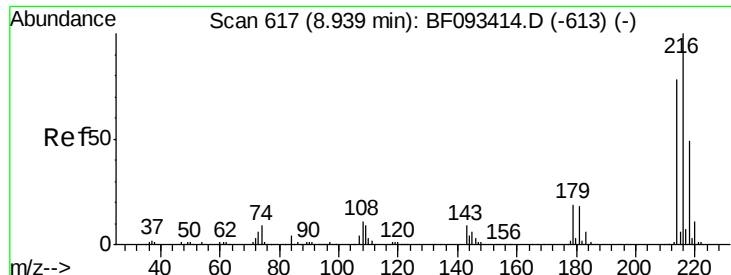
mohammad
3/8/2017 1:45:20 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.2	120.2
160	44.9	36.9	55.3





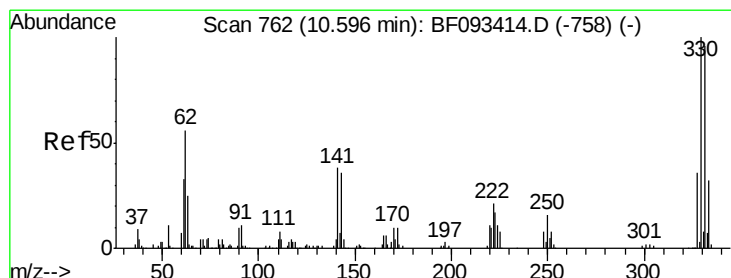
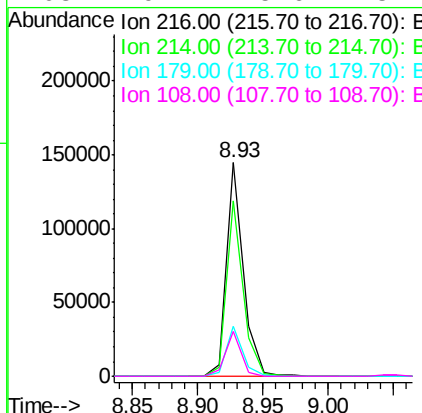
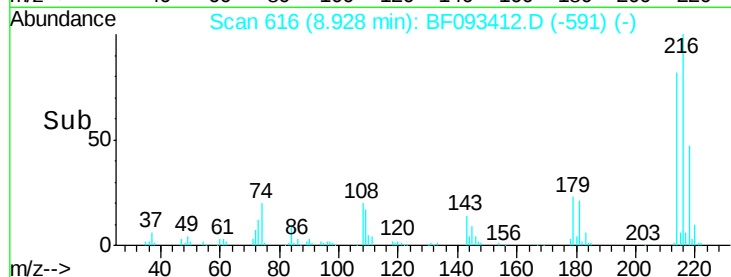
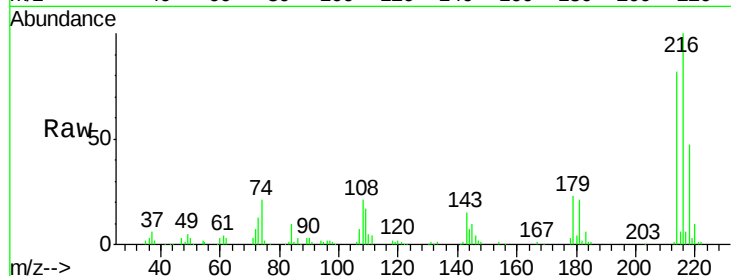
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 10.56 ng
 RT: 8.93 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093412.D
 Acq: 7 Mar 2017 11:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	80.7	63.4	95.0		
179	22.4	17.4	26.2		
108	19.7	15.6	23.4		

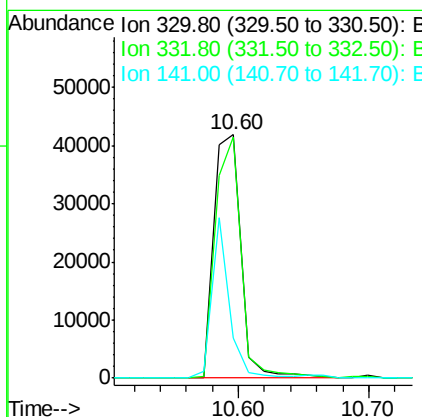
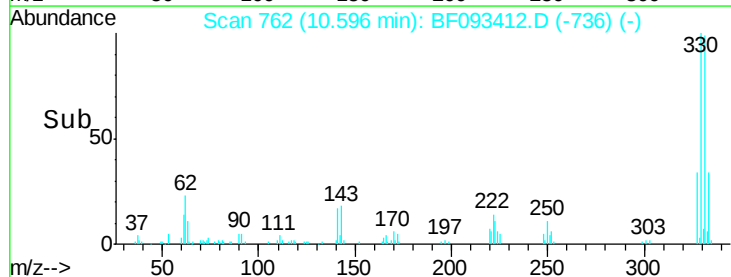
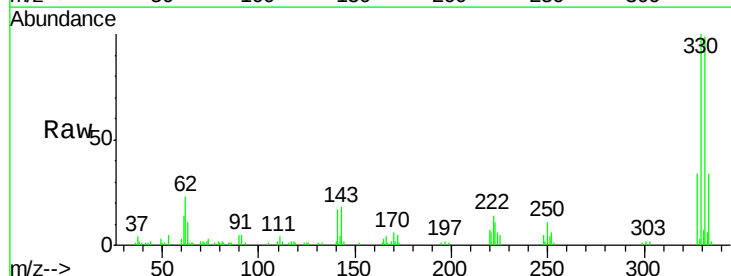
Manual Integrations
 APPROVED

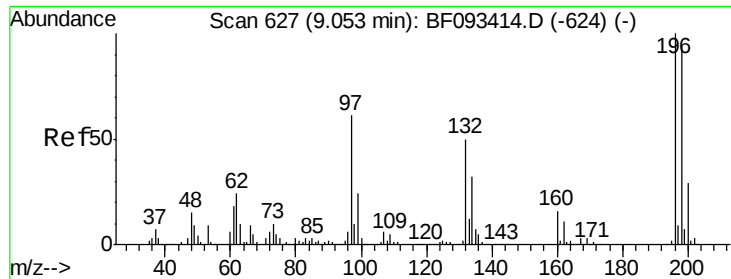
mohammad
 3/8/2017 1:45:20 PM



#41
 2,4,6-Tribromophenol
 Concen: 19.14 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093412.D
 Acq: 7 Mar 2017 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	94.3	77.4	116.2		
141	43.6	34.1	51.1		





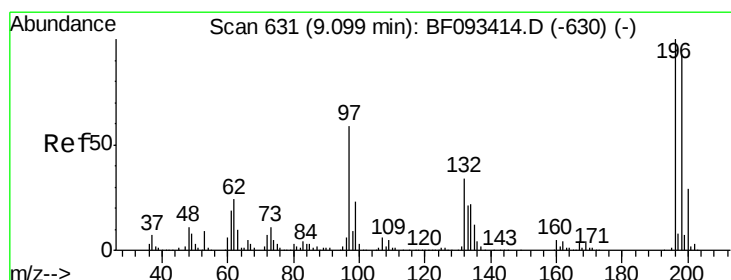
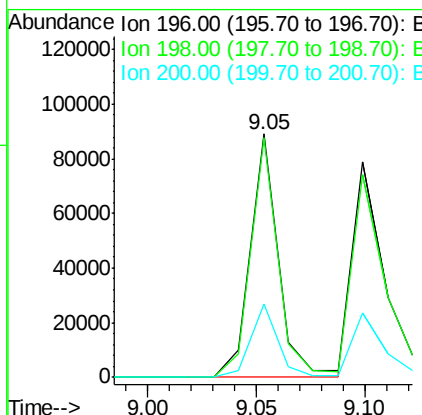
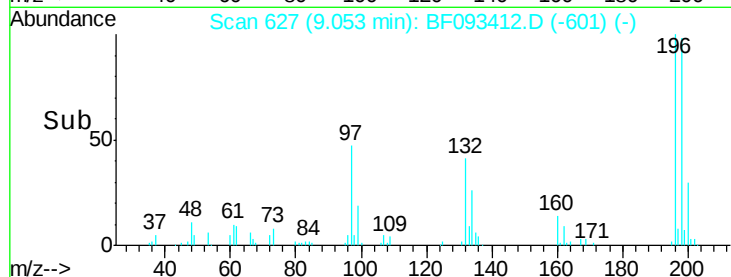
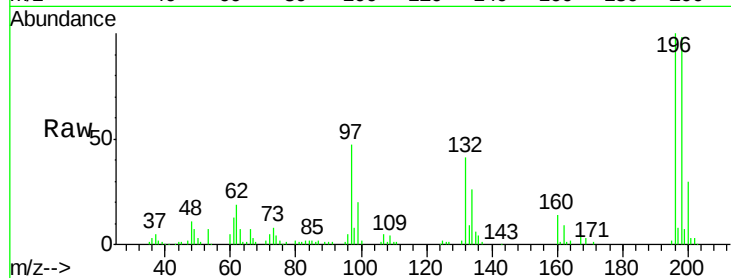
#42
2,4,6-Trichlorophenol
Concen: 9.80 ng
RT: 9.05 min Scan# 627
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
196	100	79883		
198	98.3		82.1	123.1
200	30.0		27.0	40.4

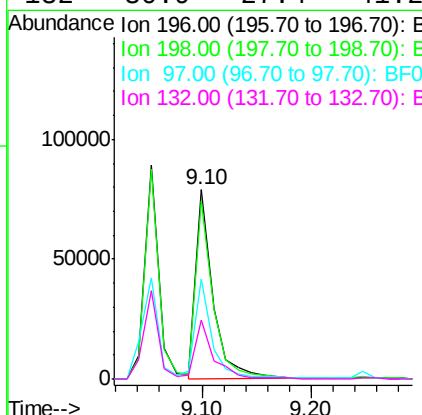
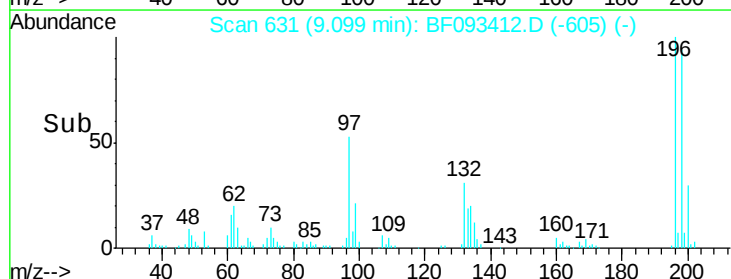
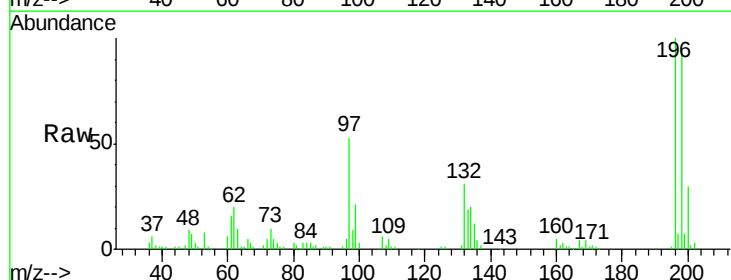
Manual Integrations
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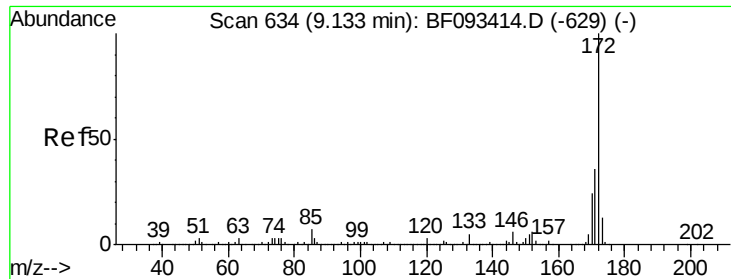
mohammad
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#43
2,4,5-Trichlorophenol
Concen: 9.66 ng
RT: 9.10 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	86341		
198	93.9		79.4	119.2
97	52.8		51.5	77.3
132	30.9		27.4	41.2





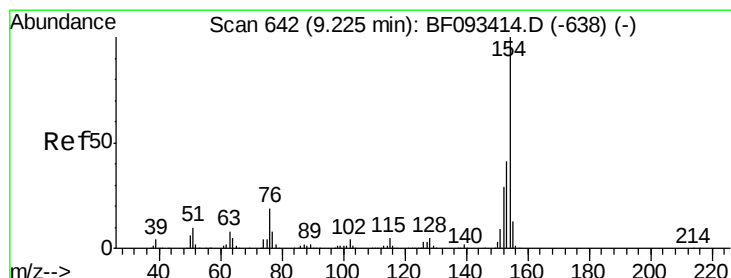
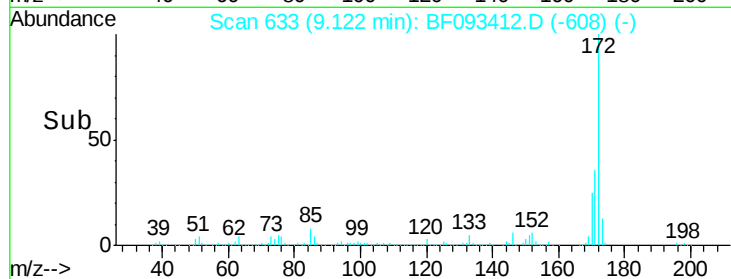
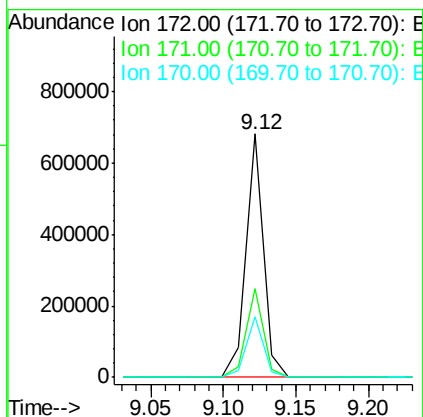
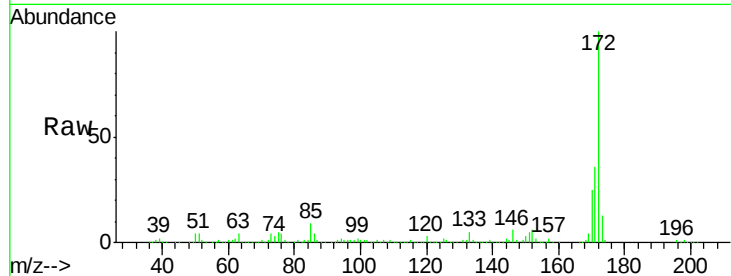
#44
2-Fluorobiphenyl
Concen: 23.41 ng
RT: 9.12 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.7	20.2	30.4

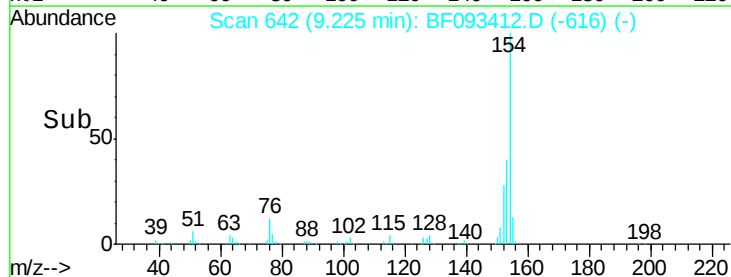
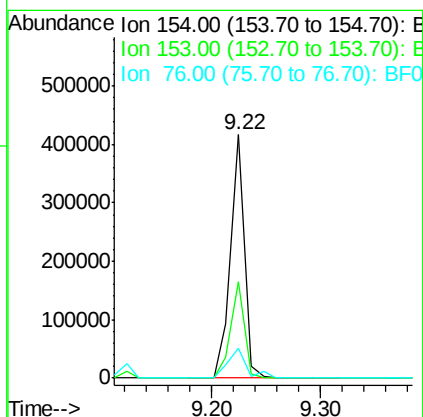
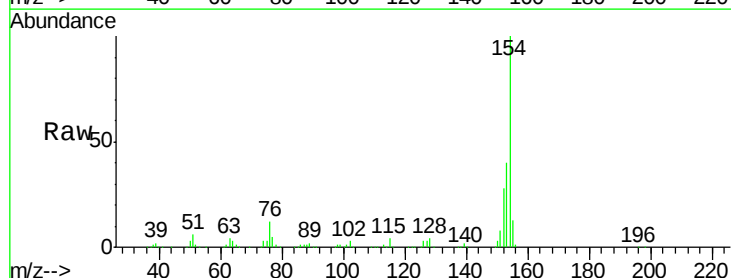
Manual Integrations
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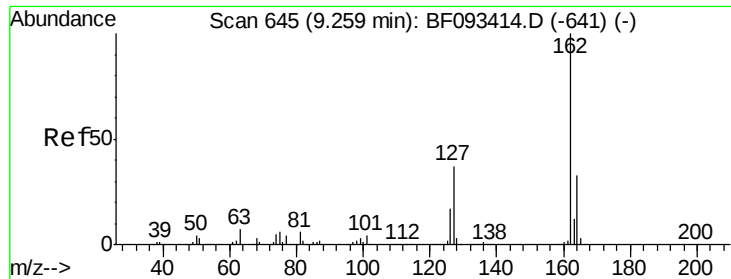
mohammad
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#45
1,1'-Biphenyl
Concen: 11.51 ng
RT: 9.22 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.9	60.9
76	12.4	0.0	30.5





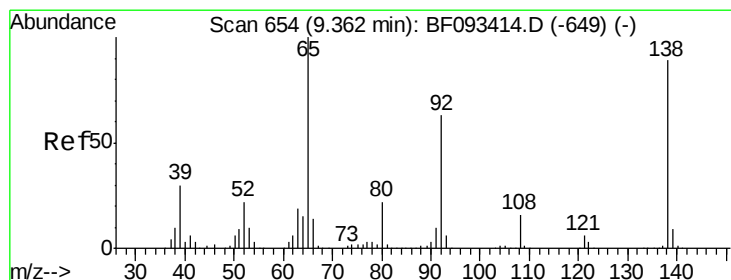
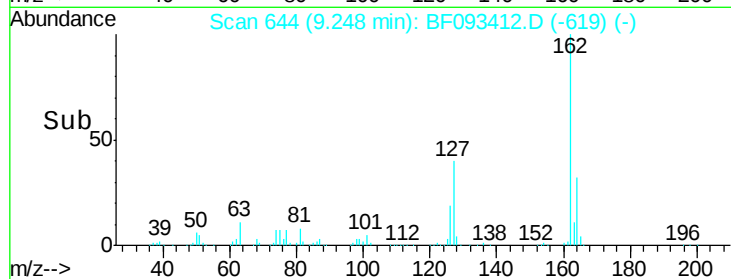
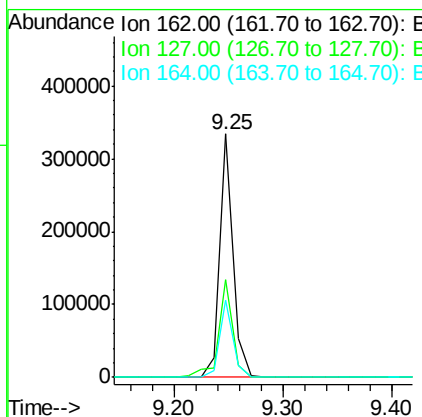
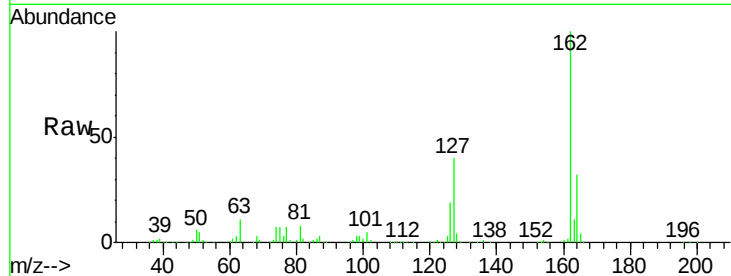
#46
2-Chloronaphthalene
Concen: 11.47 ng
RT: 9.25 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	30.7	46.1
164	31.8	27.6	41.4

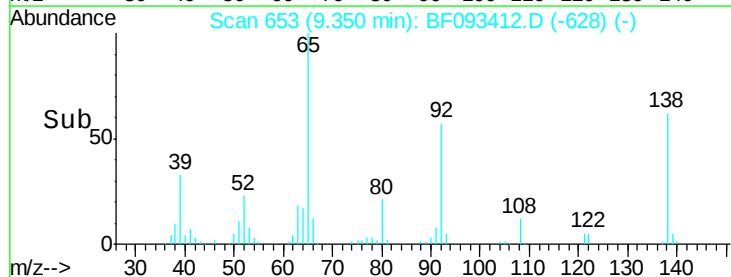
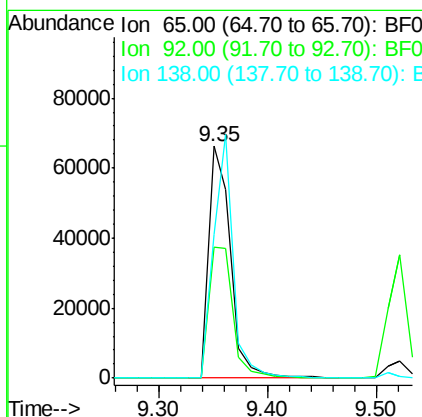
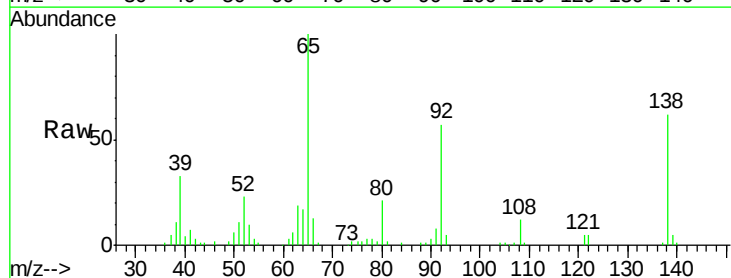
Manual Integrations
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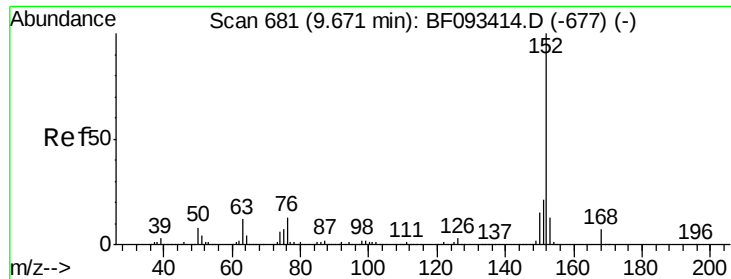
mohammad
3/8/2017 1:45:20 PM



#47
2-Nitroaniline
Concen: 11.04 ng
RT: 9.35 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	56.6	53.9	80.9
138	61.9	76.8	115.2





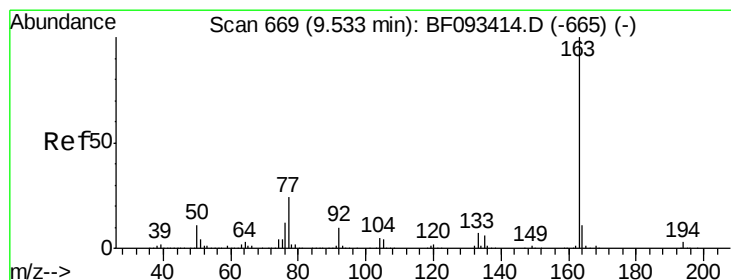
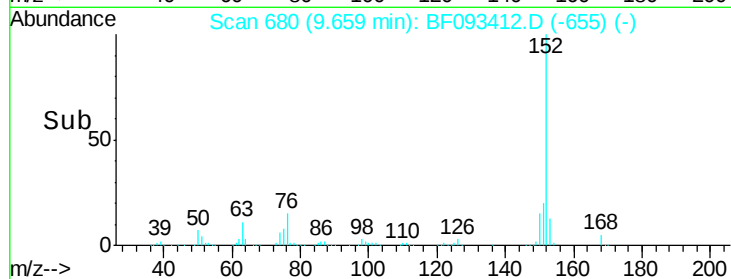
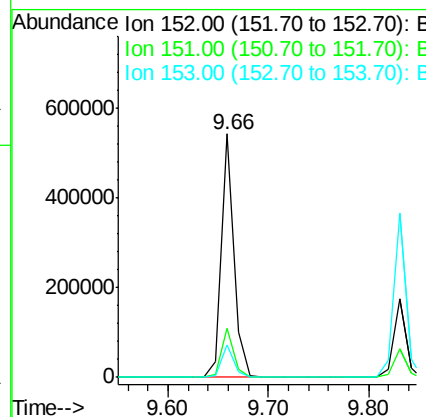
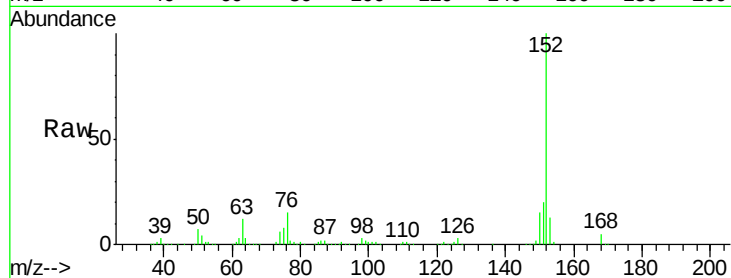
#48
Acenaphthylene
Concen: 10.91 ng
RT: 9.66 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	13.4	11.4	17.2

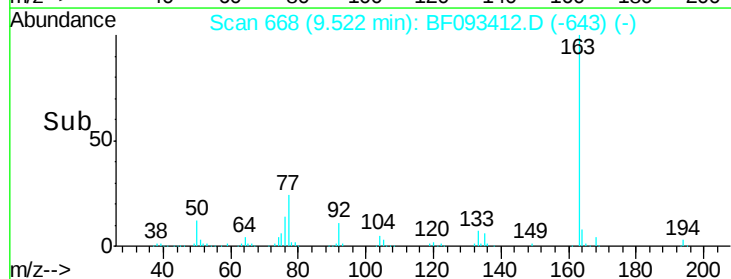
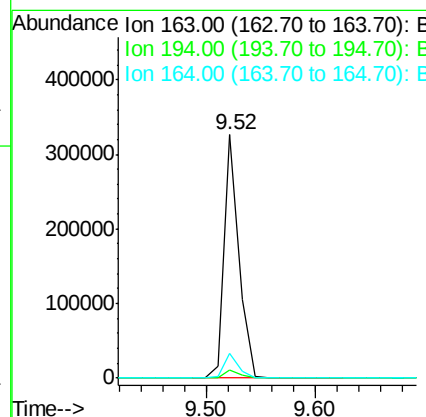
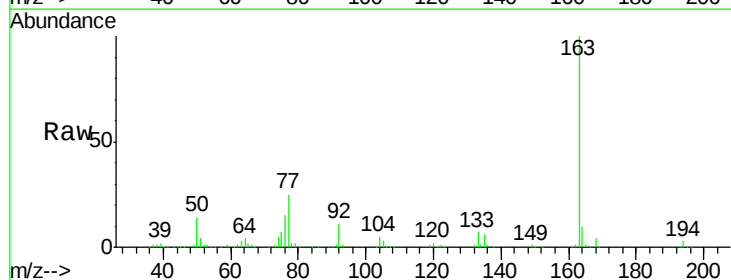
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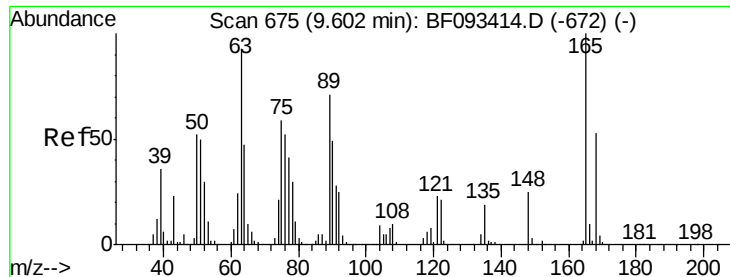
mohammad
3/8/2017 1:45:20 PM



#49
Dimethylphthalate
Concen: 10.40 ng
RT: 9.52 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.3	8.0	12.0





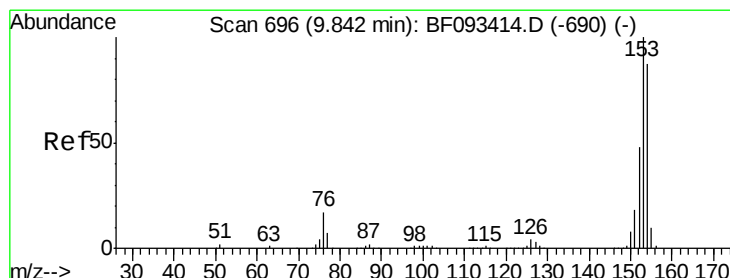
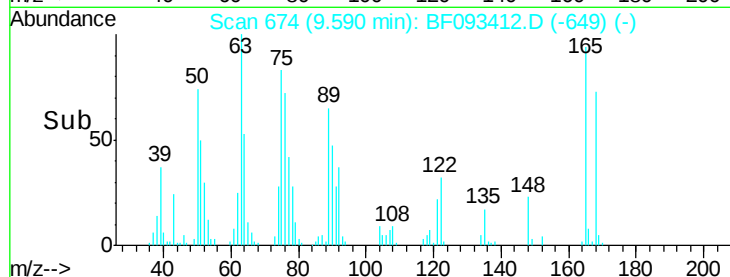
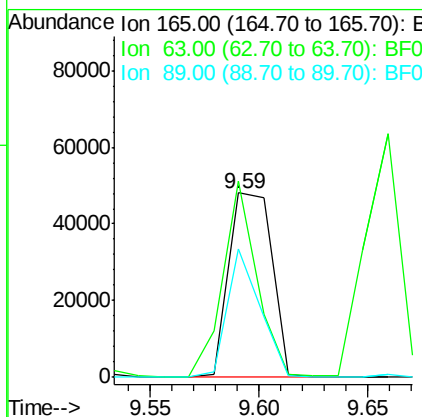
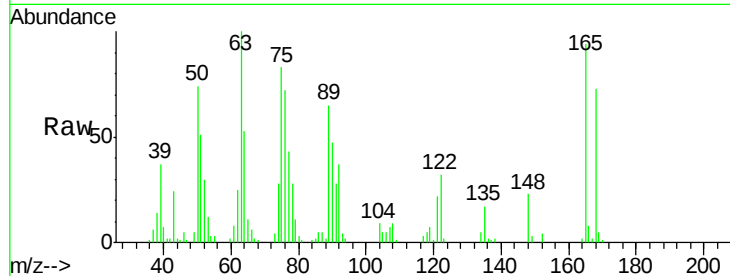
#50
2,6-Dinitrotoluene
Concen: 10.27 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
165	100		
63	106.8	36.2	54.4#
89	69.9	40.2	60.4#

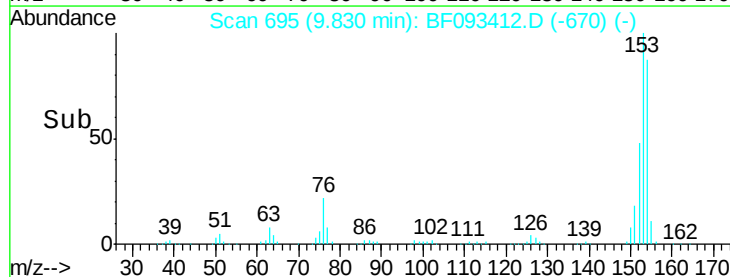
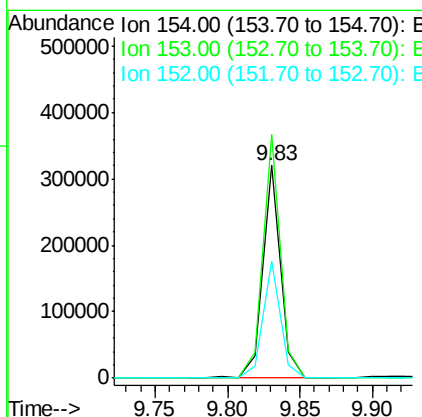
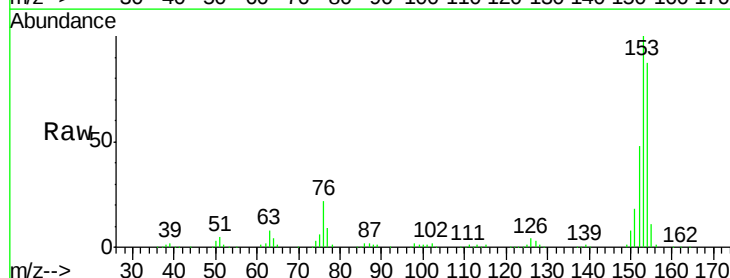
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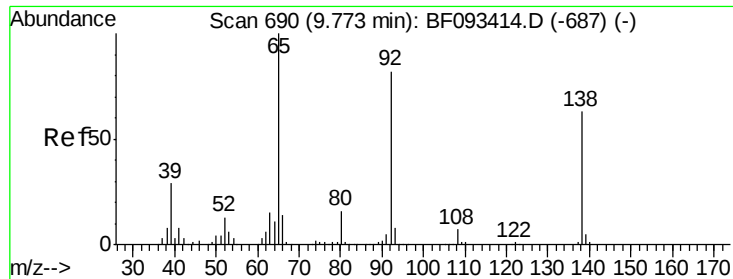
mohammad
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#51
Acenaphthene
Concen: 10.53 ng
RT: 9.83 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.4	88.6	133.0
152	54.7	41.6	62.4





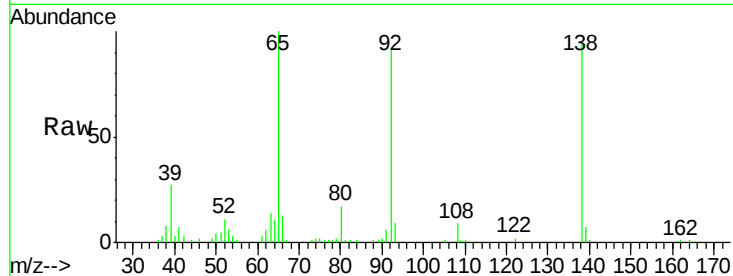
#52
3-Nitroaniline
Concen: 10.84 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

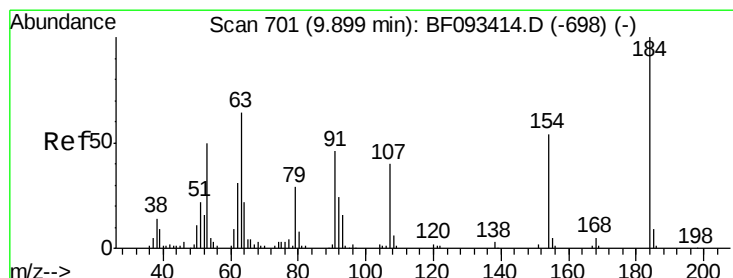
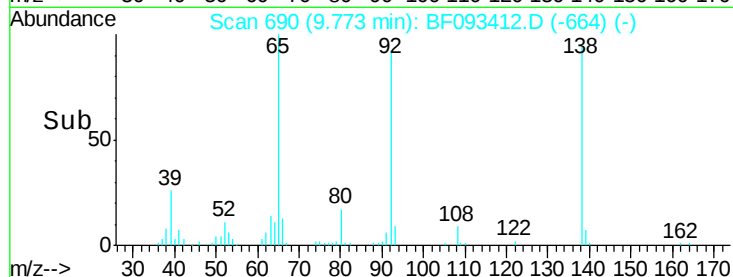
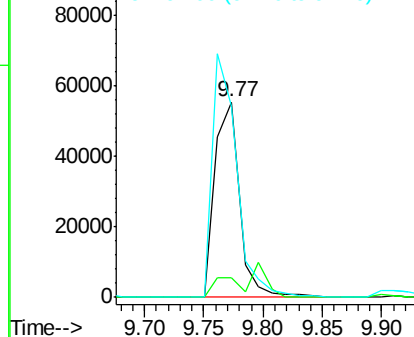
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.5	12.7
92	98.0	97.8	146.8

Manual Integrations
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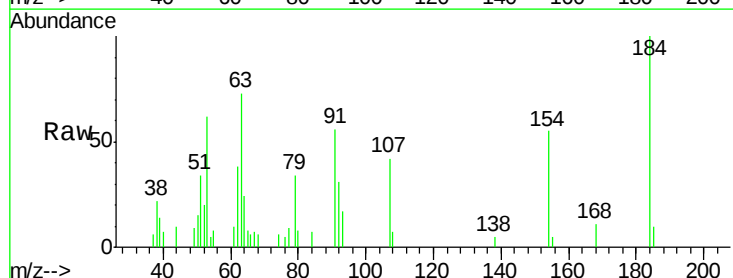


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

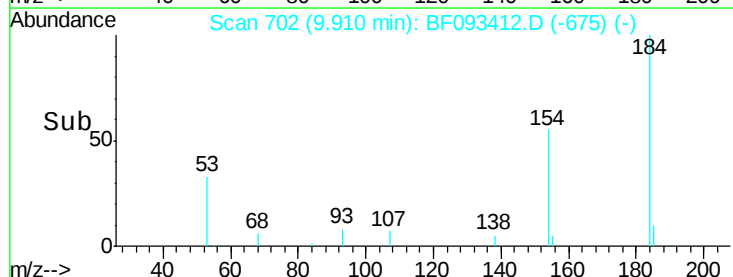
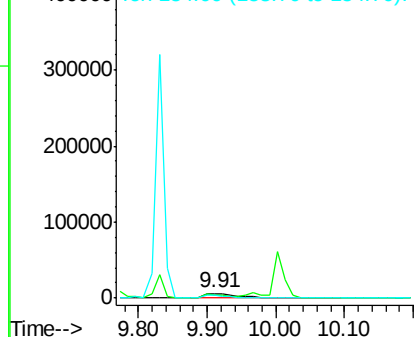


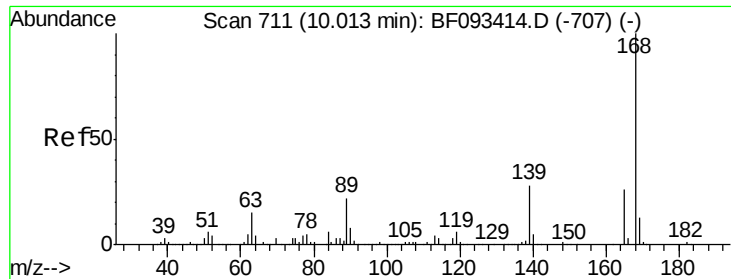
#53
2,4-Dinitrophenol
Concen: 7.55 ng
RT: 9.91 min Scan# 702
Delta R.T. 0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.3	28.4	42.6#
154	54.9	44.3	66.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





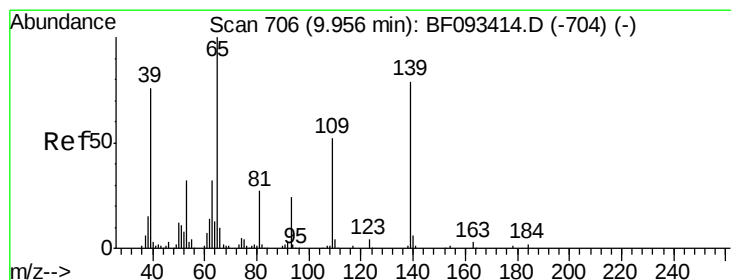
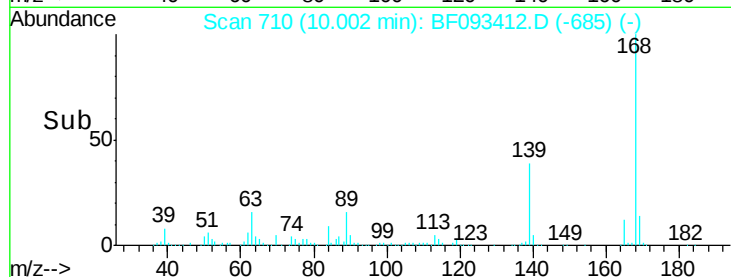
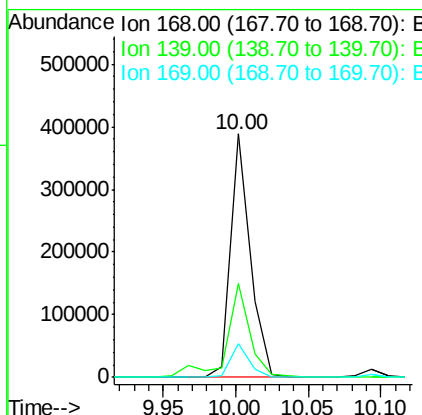
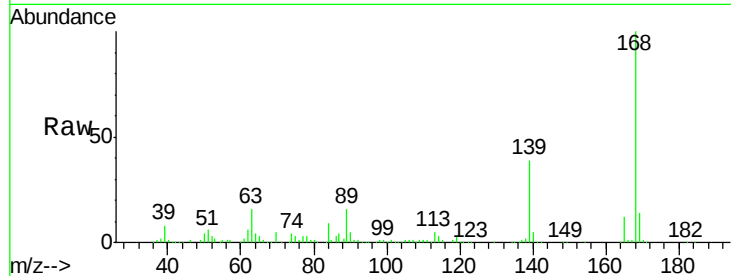
#54
Dibenzenofuran
Concen: 10.58 ng
RT: 10.00 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampled :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	32.6	49.0
169	13.8	11.3	16.9

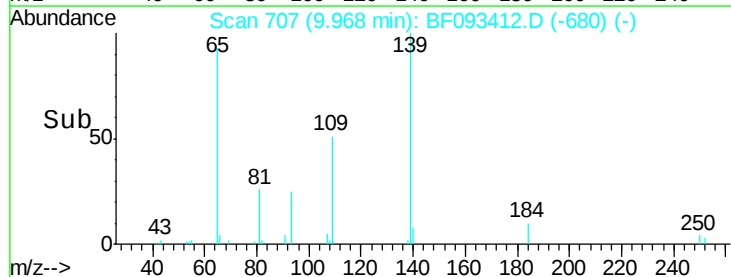
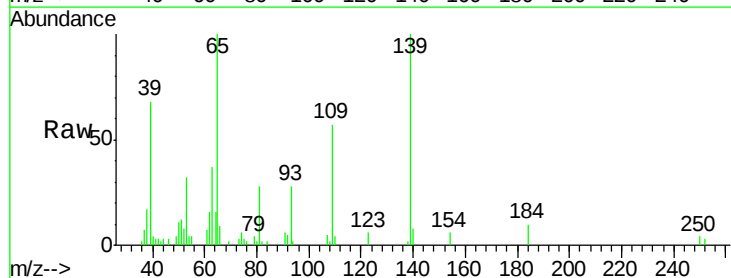
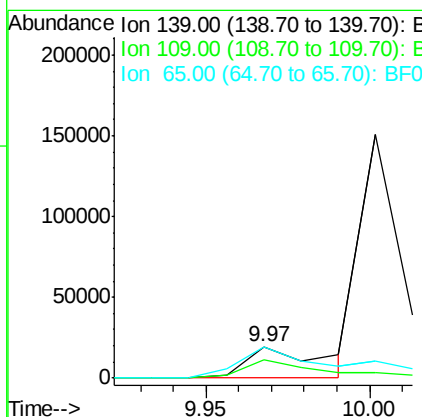
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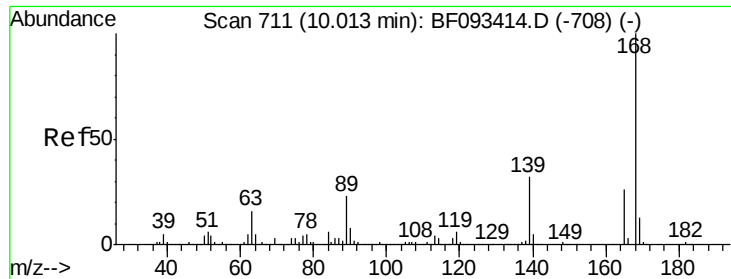
mohammad
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#55
4-Nitrophenol
Concen: 6.06 ng m
RT: 9.97 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	57.2	52.2	92.2
65	100.1	85.8	125.8





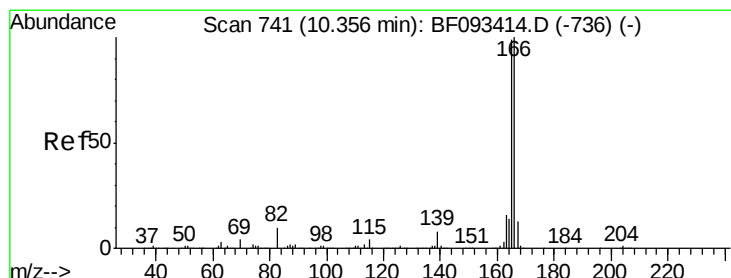
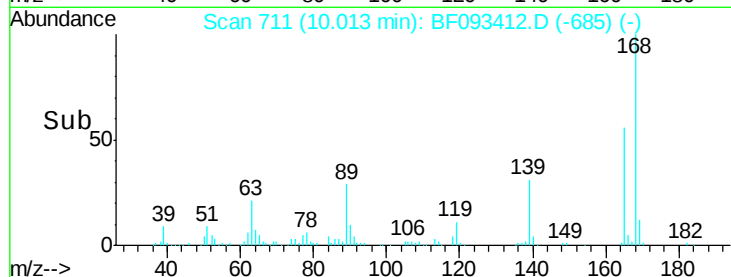
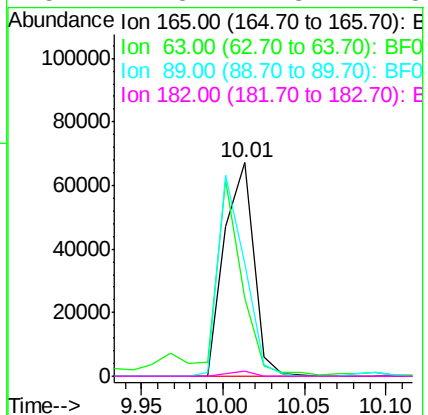
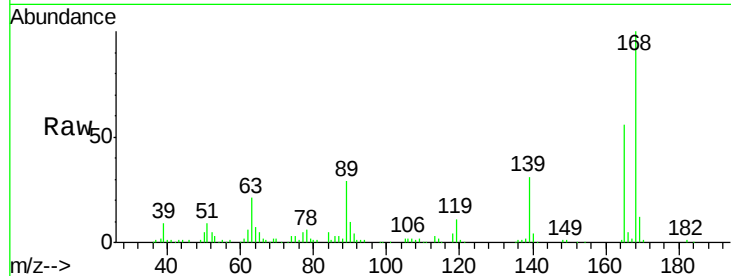
#56
2,4-Dinitrotoluene
Concen: 9.77 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.8	40.2	60.4#
89	52.7	62.5	93.7#
182	2.3	1.8	2.8

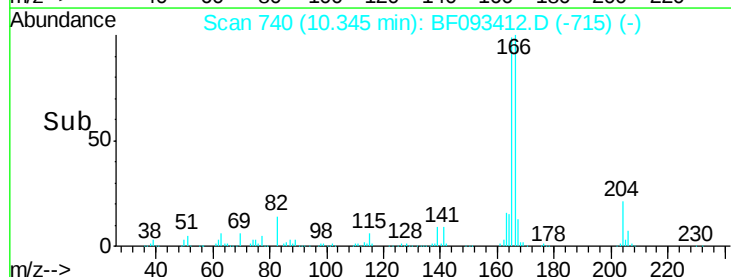
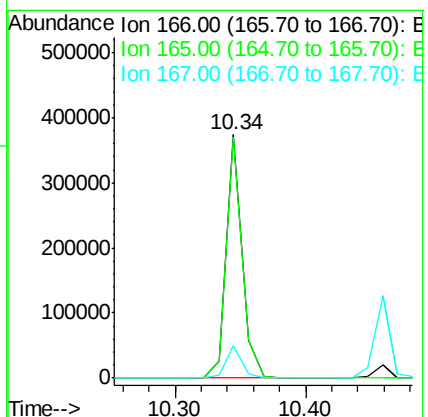
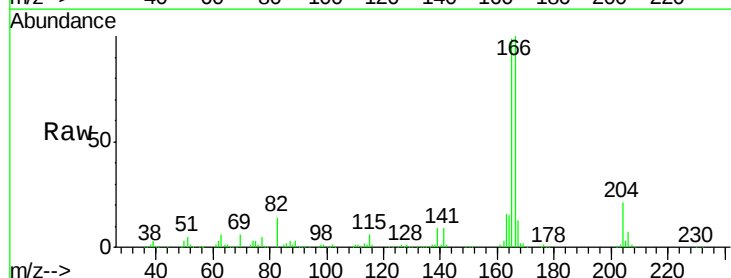
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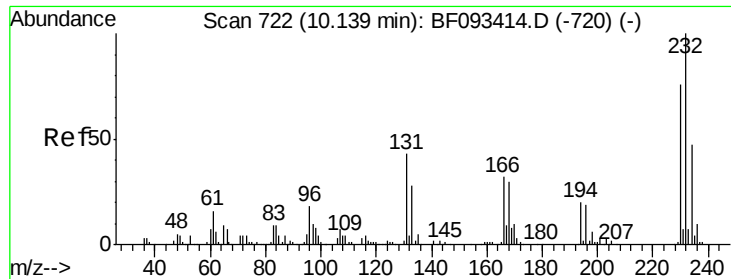
mohammad
3/8/2017 1:45:20 PM



#57
Fluorene
Concen: 11.97 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.8	116.8
167	13.3	10.8	16.2





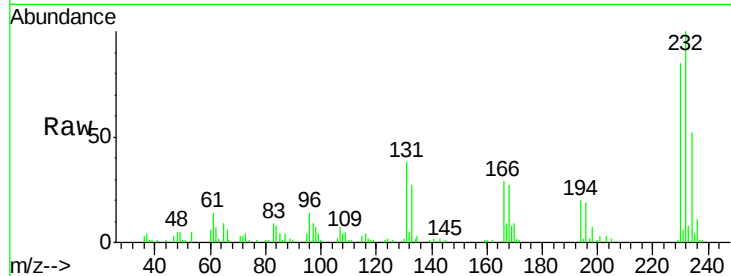
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 9.58 ng
 RT: 10.14 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF093412.D
 Acq: 7 Mar 2017 11:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	40.1	60.1
130	2.4	1.8	2.8
166	31.3	26.6	39.8

Manual Integrations
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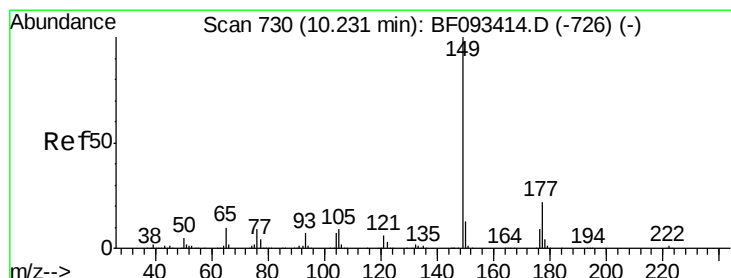
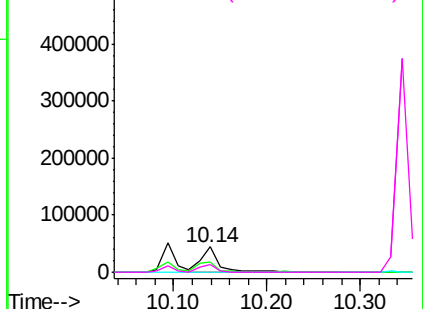
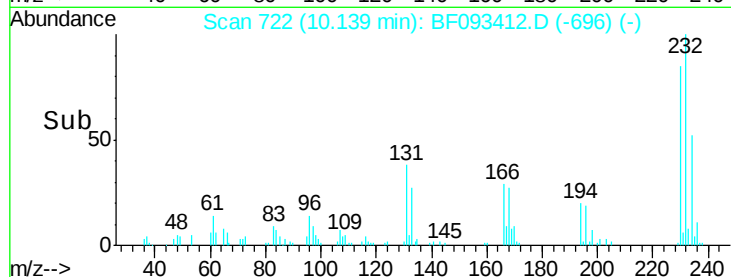


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

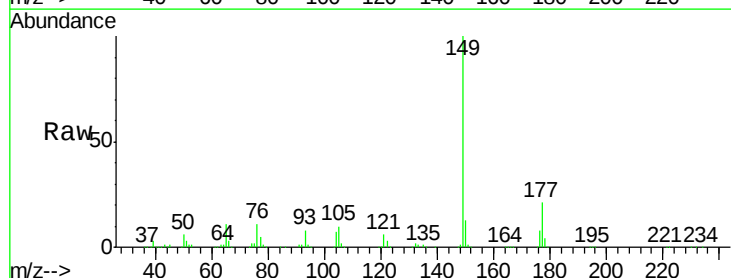
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 11.22 ng
 RT: 10.22 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF093412.D
 Acq: 7 Mar 2017 11:29

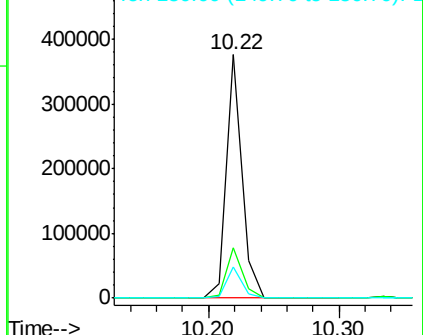
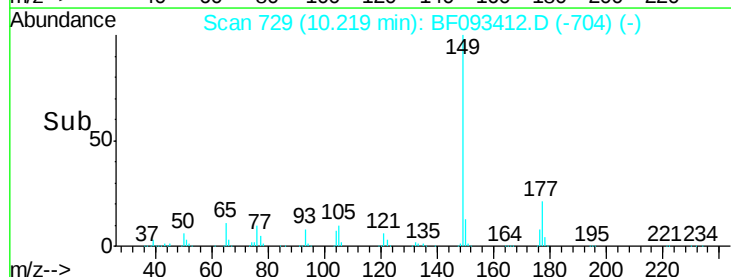
Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.6	25.0
150	12.7	10.4	15.6

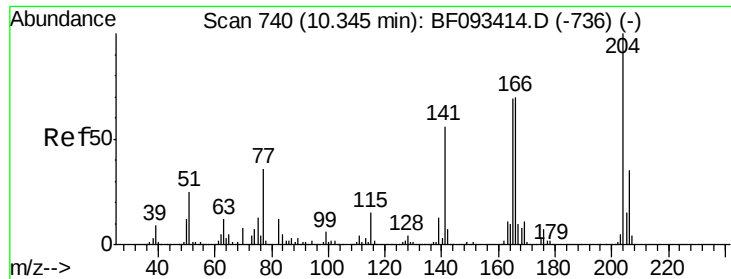


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





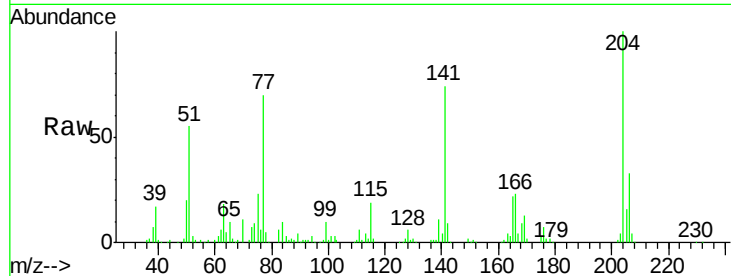
#60
4-Chlorophenyl-phenylether
Concen: 10.69 ng
RT: 10.33 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.8	38.6
141	74.2	59.4	89.0

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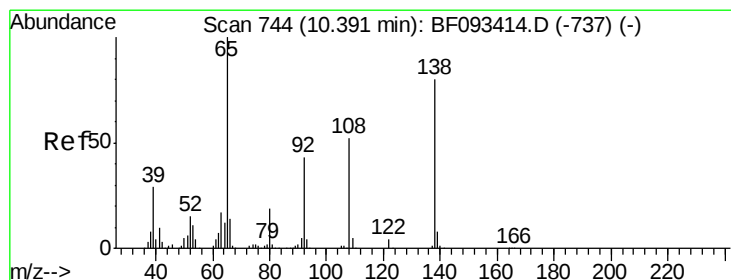
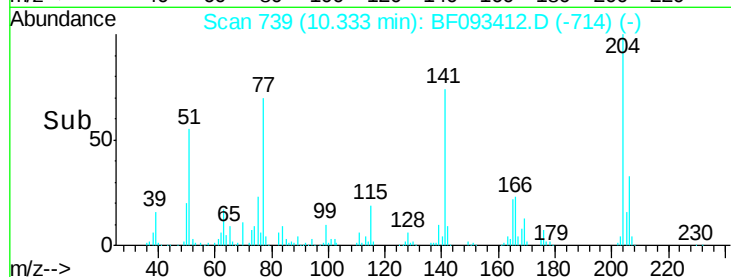
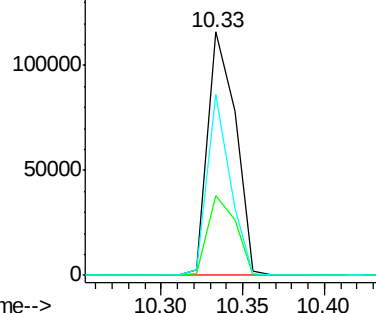


Abundance

Ion 204.00 (203.70 to 204.70): E

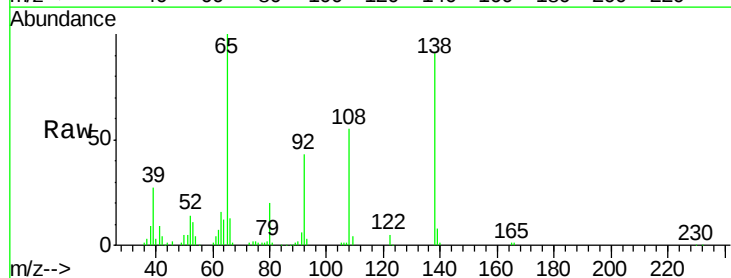
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61
4-Nitroaniline
Concen: 11.13 ng
RT: 10.38 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	31.7	71.7
108	60.7	52.6	92.6

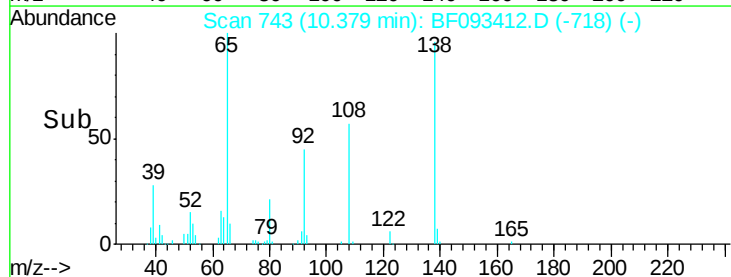
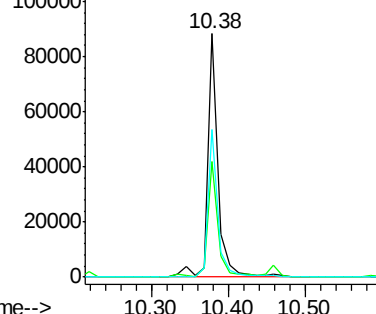


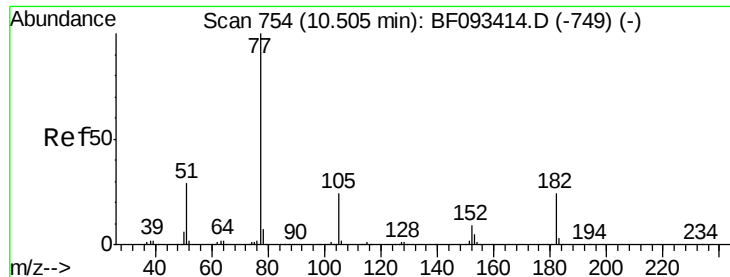
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 12.07 ng

RT: 10.49 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF093412.D

Acq: 7 Mar 2017 11:29

Instrument :

BNA_F

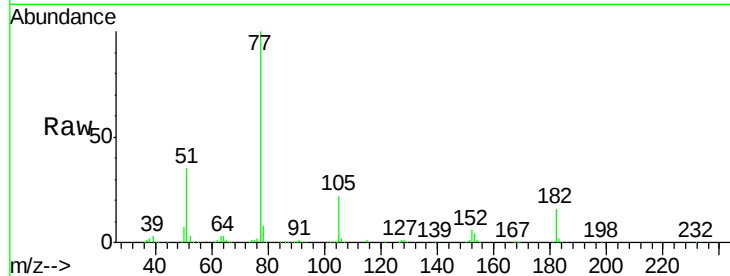
ClientSampleId :

SSTDIC010

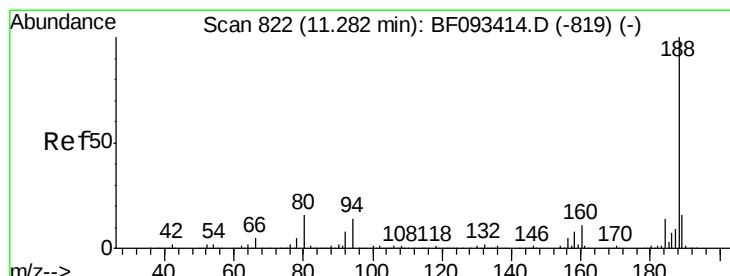
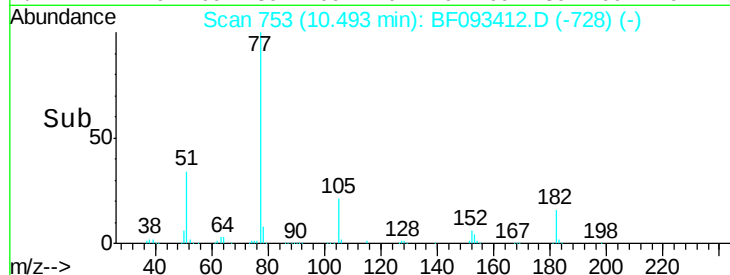
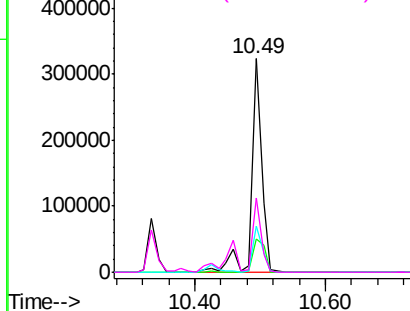
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	15.7	0.0	39.3	
105	21.5	2.3	42.3	
51	34.8	8.9	48.9	

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

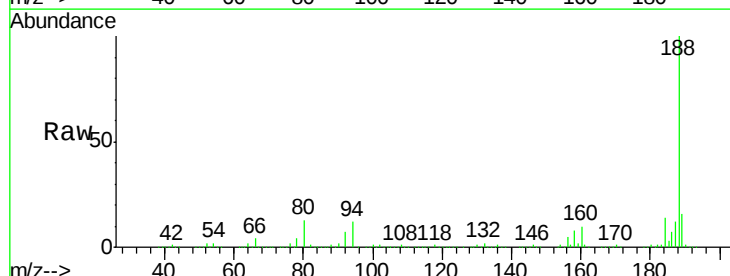
RT: 11.28 min Scan# 822

Delta R.T. -0.00 min

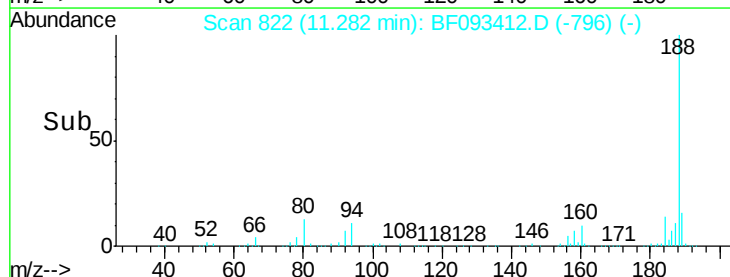
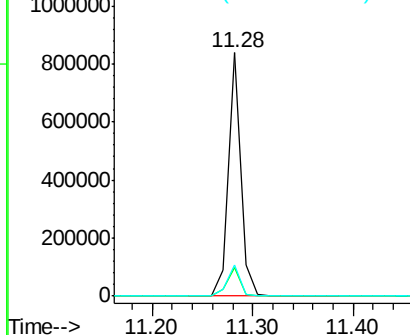
Lab File: BF093412.D

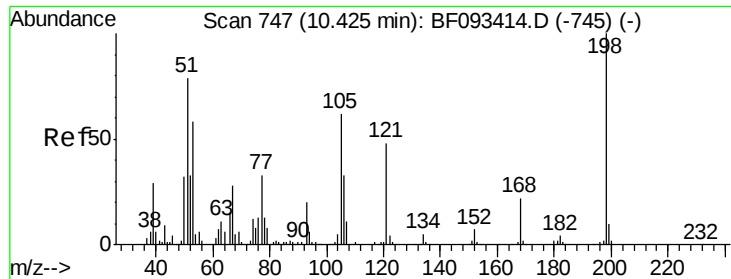
Acq: 7 Mar 2017 11:29

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.9	10.0	15.0	
80	12.7	11.2	16.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





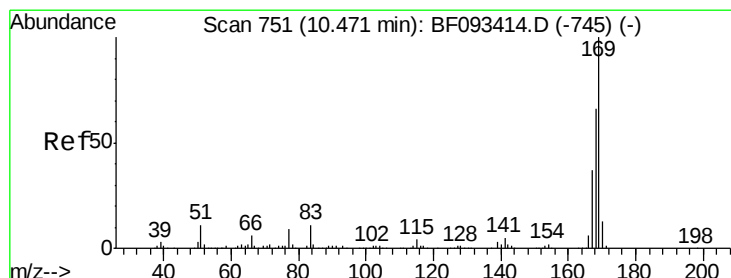
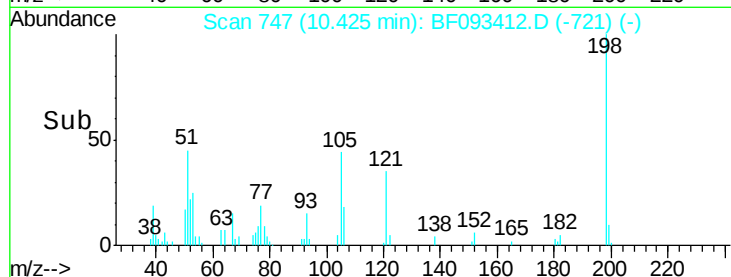
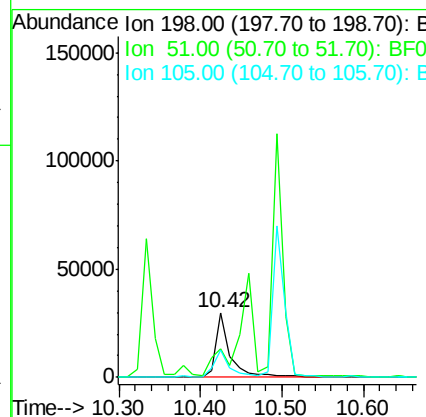
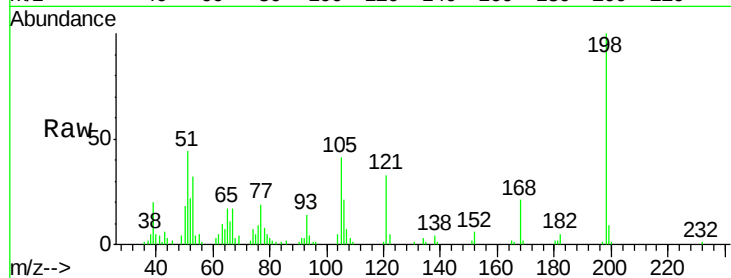
#64
4,6-Dinitro-2-methylphenol
Concen: 10.15 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
198	100	37646		
51	44.1	6.7	46.7	
105	41.4	16.6	56.6	

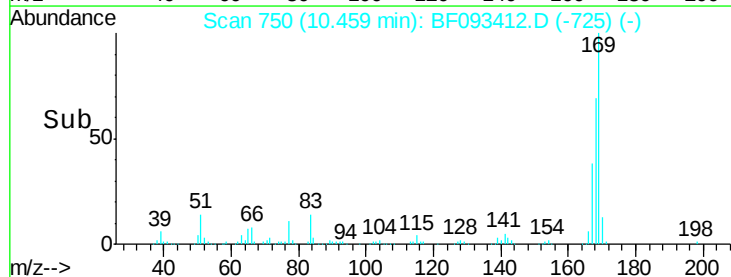
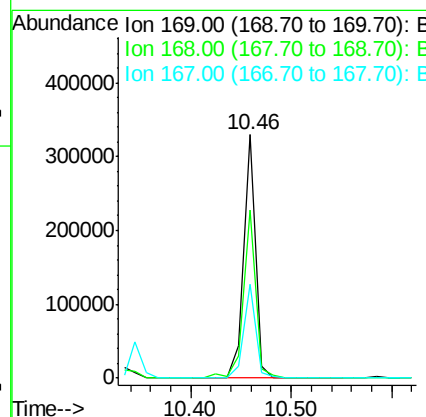
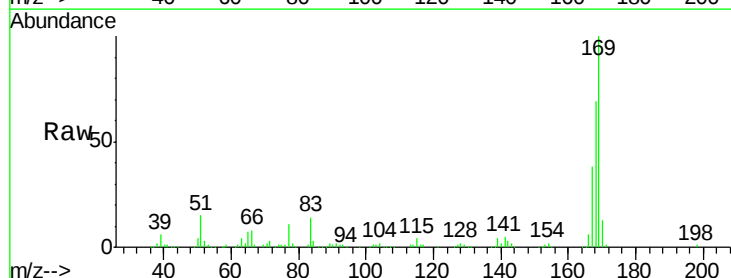
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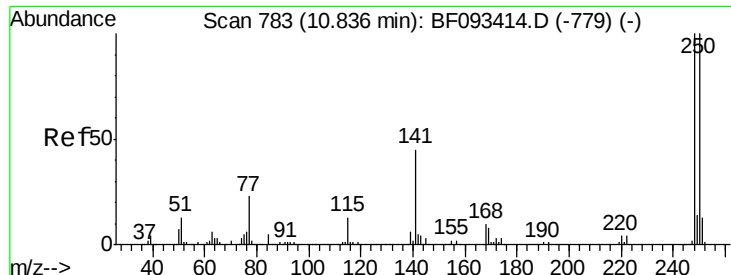
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#65
n-Nitrosodiphenylamine
Concen: 11.82 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	270633		
168	69.1	54.2	81.2	
167	38.4	30.2	45.4	





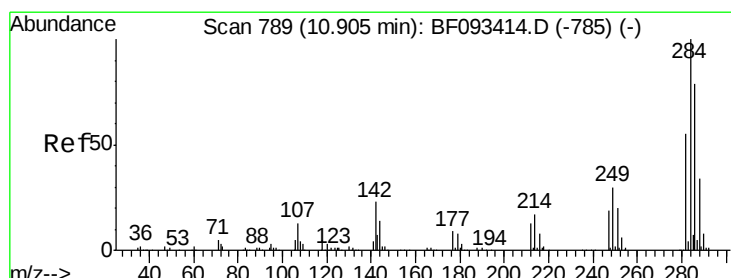
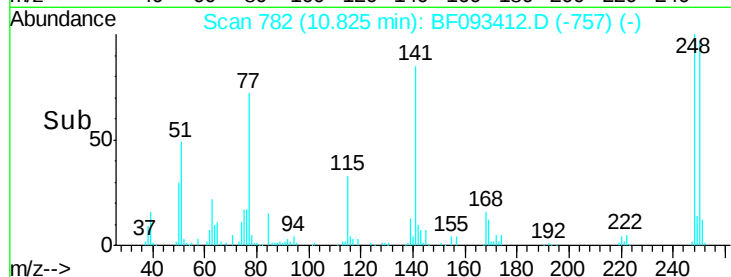
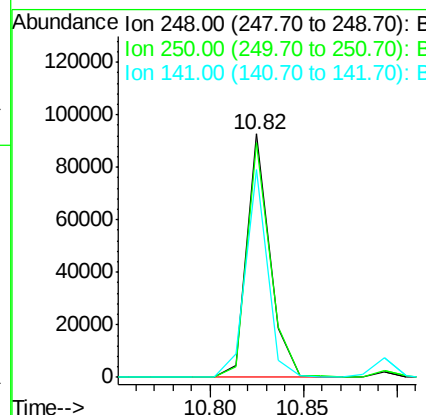
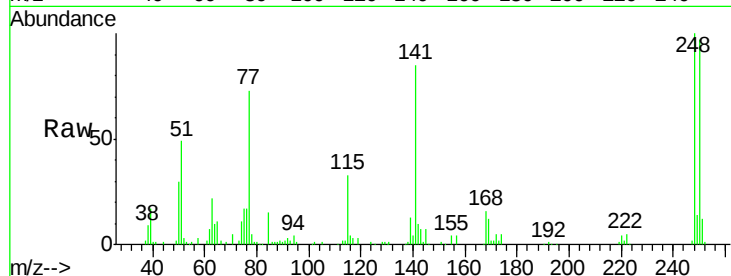
#66
4-Bromophenyl-phenylether
Concen: 10.71 ng
RT: 10.82 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.9	115.3
141	85.4	68.2	102.4

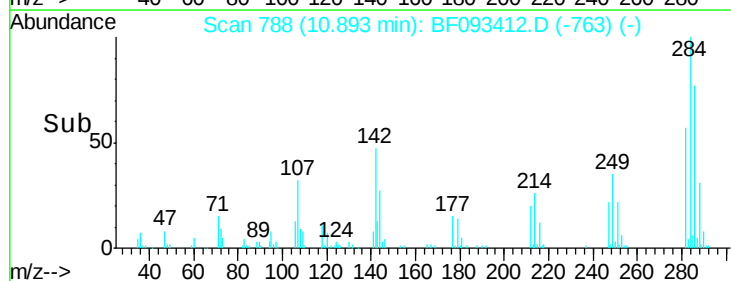
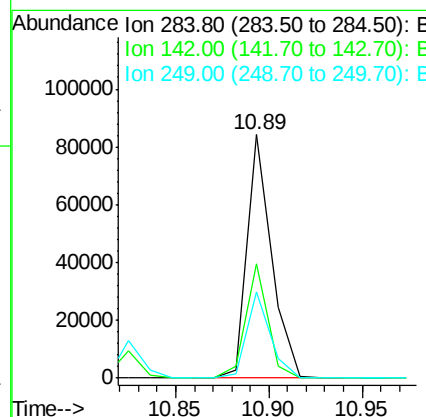
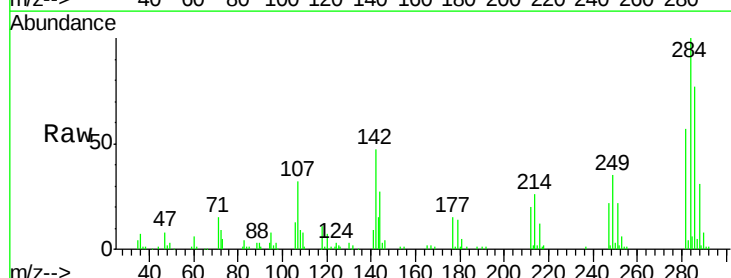
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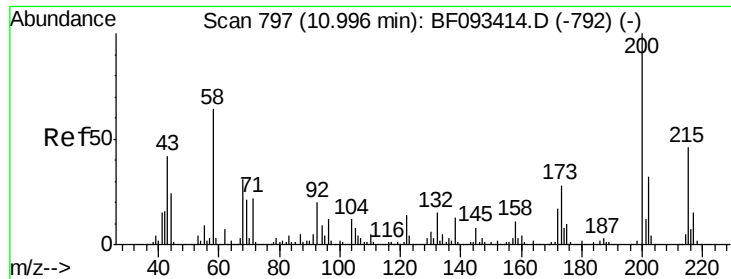
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#67
Hexachlorobenzene
Concen: 10.36 ng
RT: 10.89 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	46.7	22.6	33.8#
249	35.4	25.4	38.0





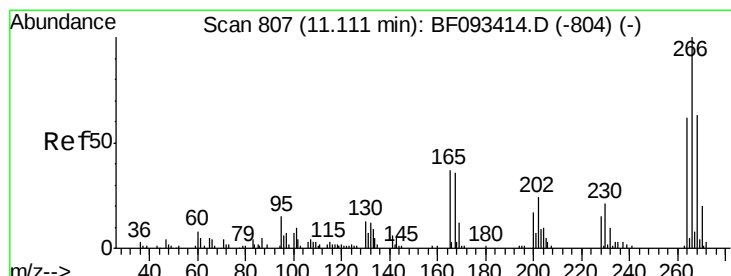
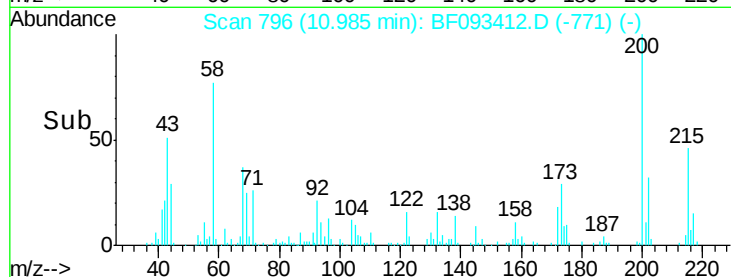
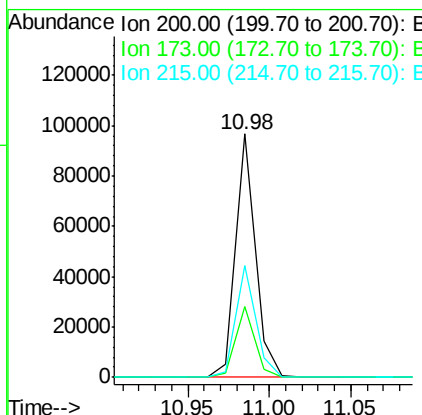
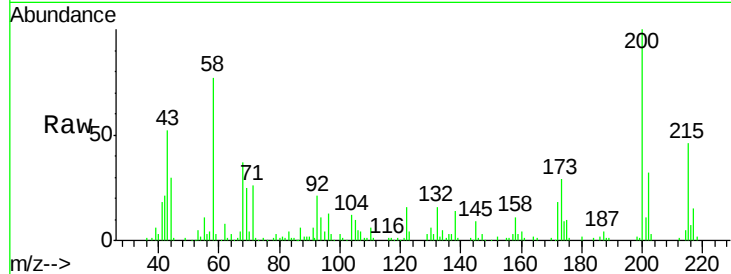
#68
Atrazine
Concen: 10.93 ng
RT: 10.98 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.2	9.6	49.6
215	46.1	25.7	65.7

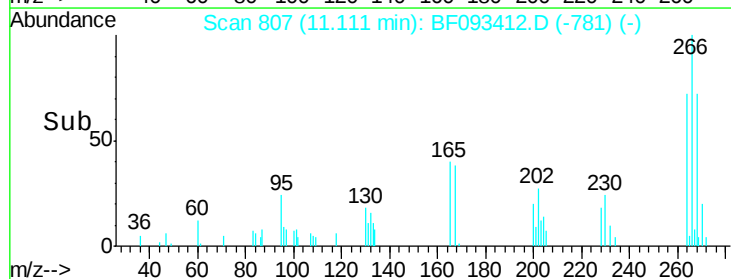
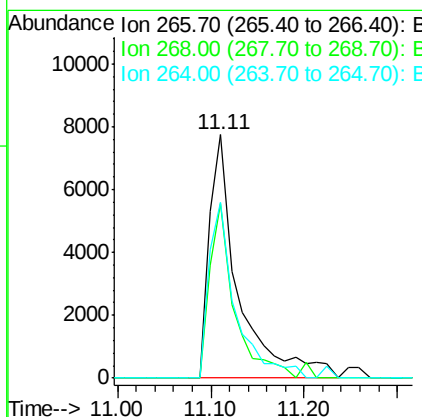
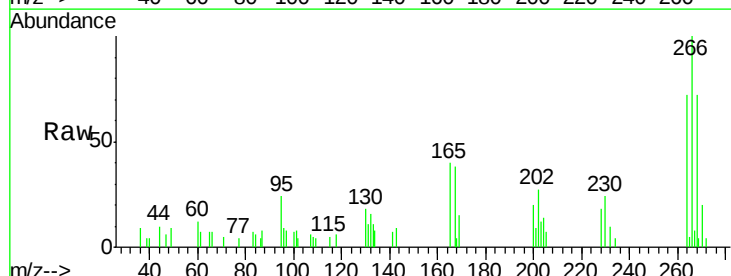
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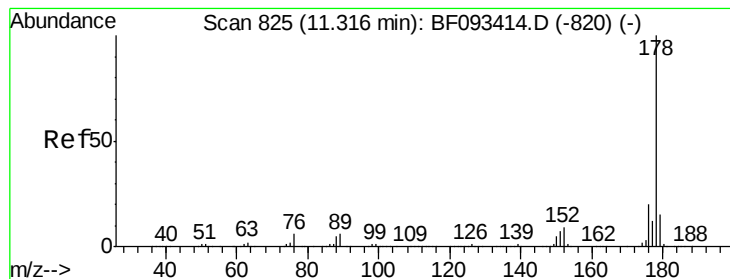
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#69
Pentachlorophenol
Concen: 5.26 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	71.8	53.3	79.9
264	72.2	50.3	75.5





#70

Phenanthrene

Concen: 11.67 ng

RT: 11.30 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF093412.D

Acq: 7 Mar 2017 11:29

Instrument :

BNA_F

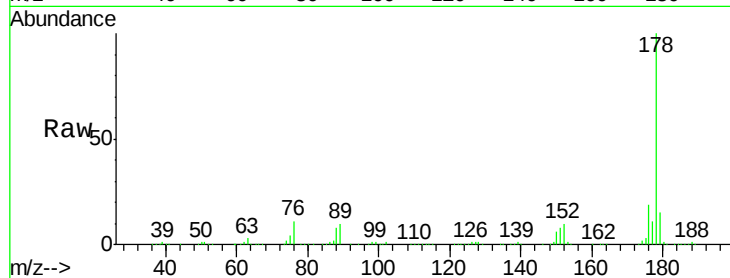
ClientSampleId :

SSTDIC010

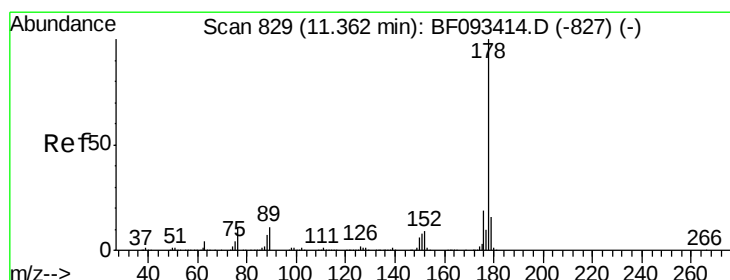
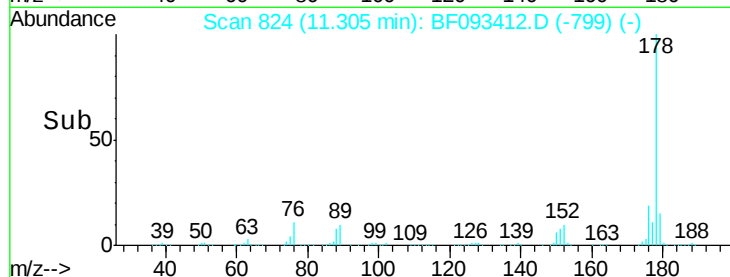
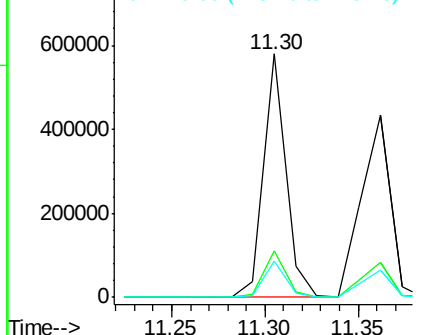
Tot Ion:178	Resp:	479524
Ion Ratio	Lower	Upper
178	100	
176	19.2	16.6 25.0
179	14.9	12.8 19.2

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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



#71

Anthracene

Concen: 11.33 ng

RT: 11.36 min Scan# 829

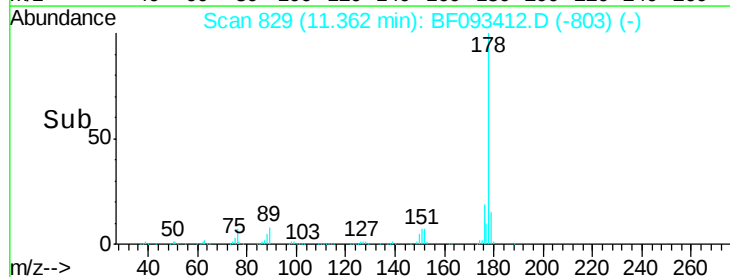
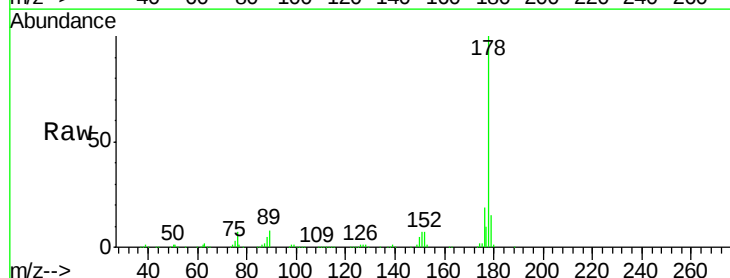
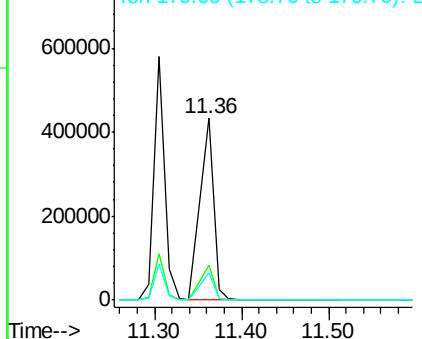
Delta R.T. -0.00 min

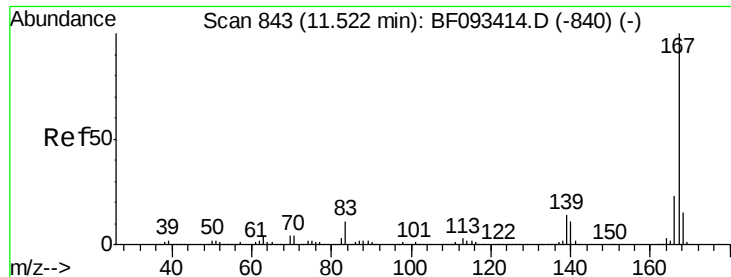
Lab File: BF093412.D

Acq: 7 Mar 2017 11:29

Tgt Ion:178	Resp:	467286
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.9 23.9
179	14.7	13.2 19.8

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: 11.81 ng

RT: 11.52 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF093412.D

Acq: 7 Mar 2017 11:29

Instrument :

BNA_F

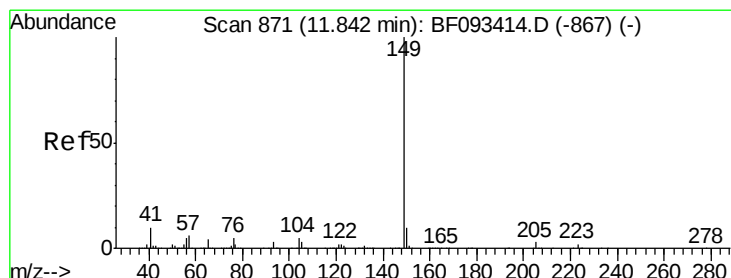
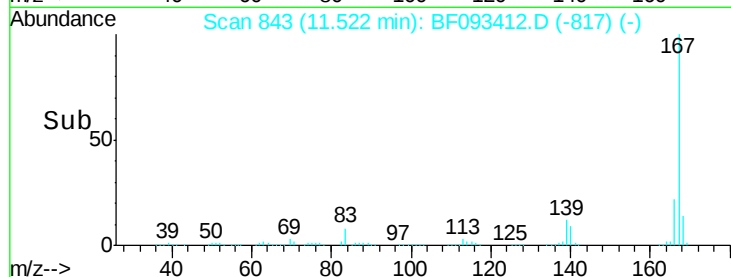
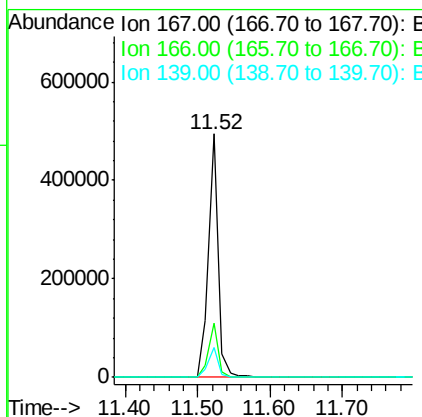
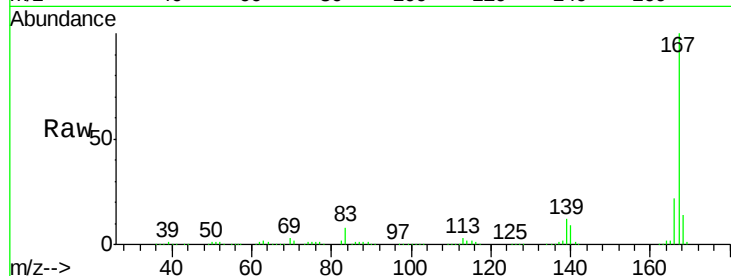
ClientSampleId :

SSTDICC010

Tot Ion:	167	Resp:	465471
Ion Ratio	Lower	Upper	
167	100		
166	22.1	18.2	27.2
139	12.5	11.4	17.2

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#73

Di-n-butylphthalate

Concen: 12.03 ng

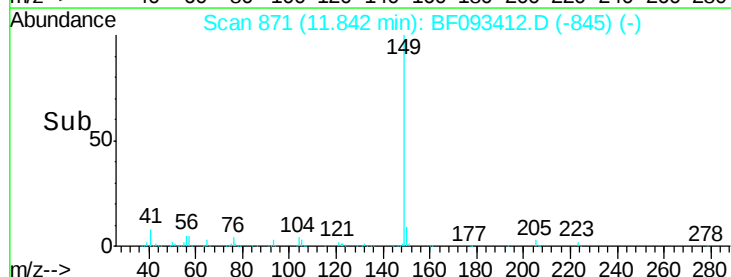
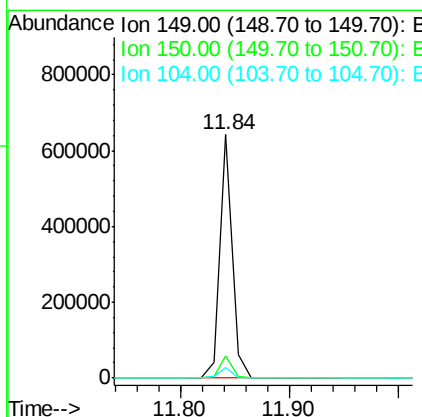
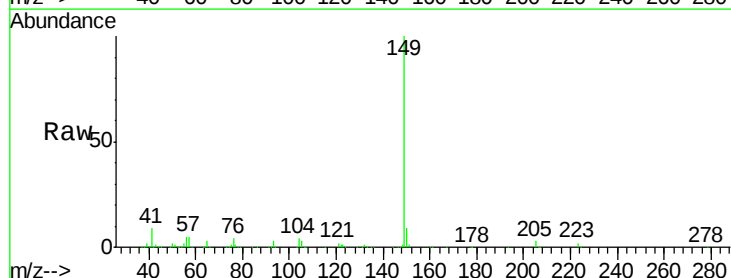
RT: 11.84 min Scan# 871

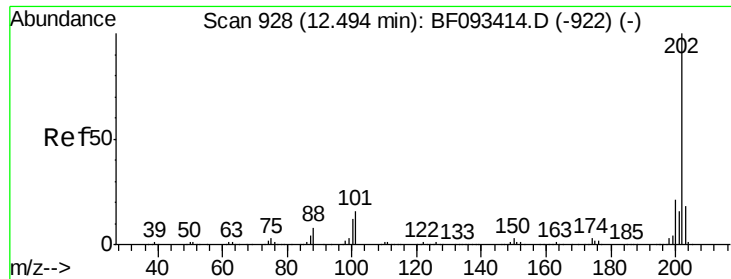
Delta R.T. -0.00 min

Lab File: BF093412.D

Acq: 7 Mar 2017 11:29

Tgt Ion:	149	Resp:	512980
Ion Ratio	Lower	Upper	
149	100		
150	9.3	8.1	12.1
104	4.4	4.6	7.0#





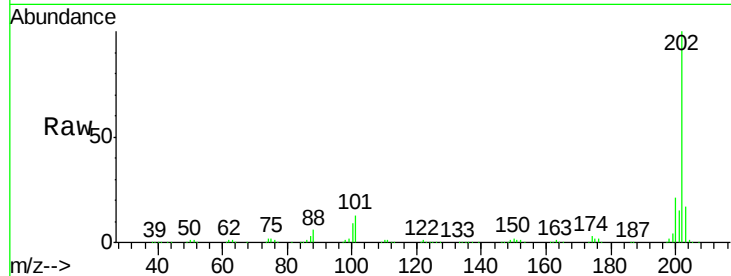
#74
 Fluoranthene
 Concen: 11.23 ng
 RT: 12.49 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BF093412.D
 Acq: 7 Mar 2017 11:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

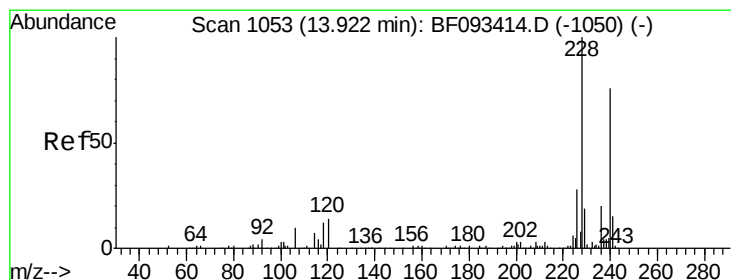
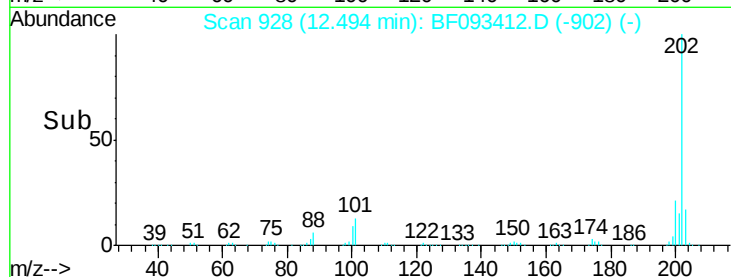
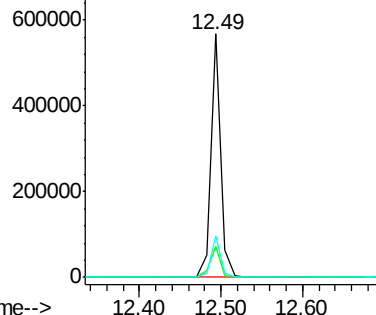
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.8	0.0	34.6
203	17.3	0.0	38.7

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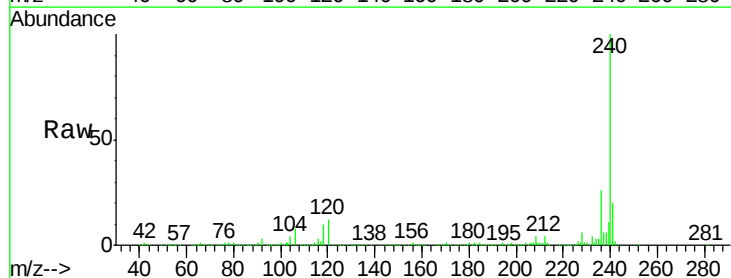


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

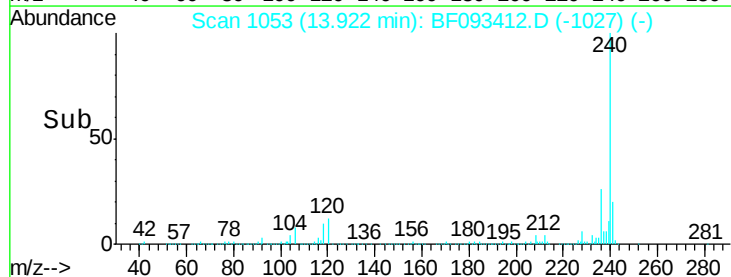
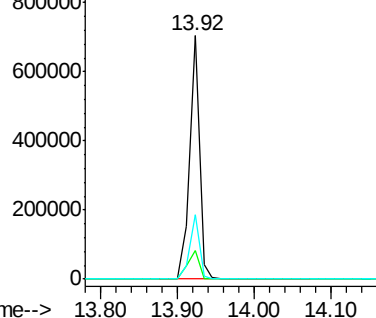


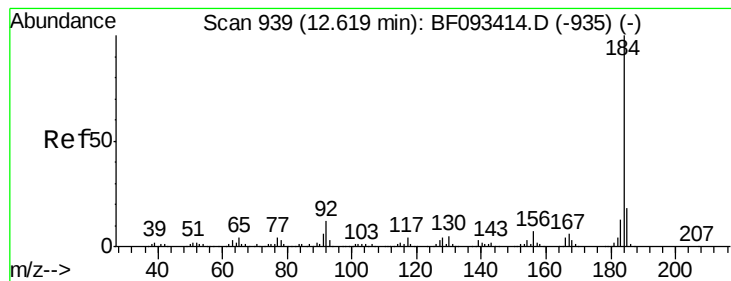
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF093412.D
 Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.6	12.9	19.3#
236	26.3	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





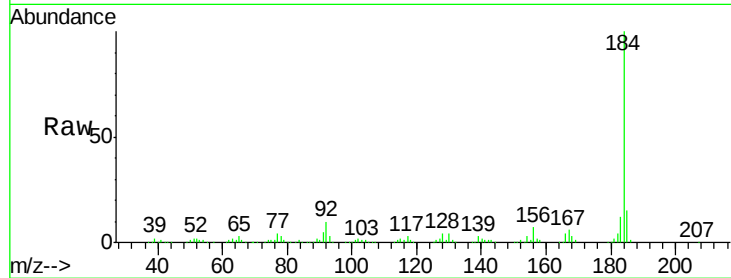
#76
Benzidine
Concen: 9.70 ng
RT: 12.62 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

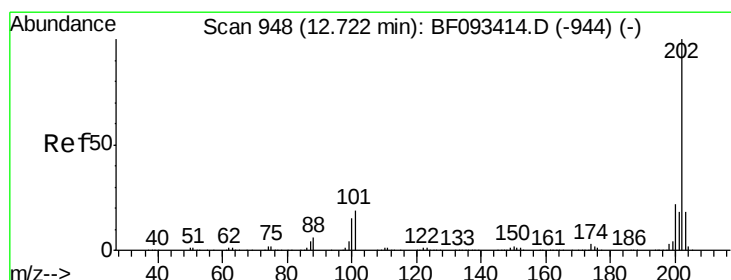
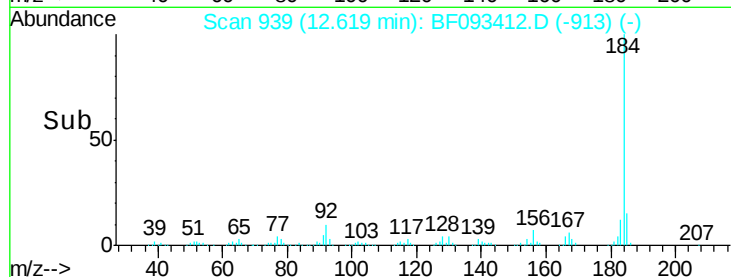
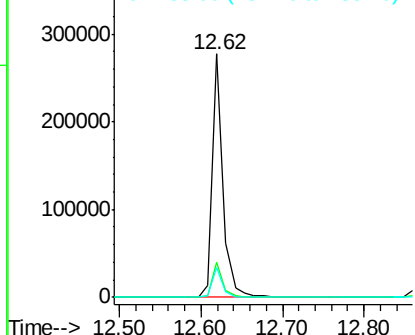
Tot Ion	Ratio	Resp	Lower	Upper
184	100	258101		
185	14.6		13.4	20.0
183	12.4		9.2	13.8

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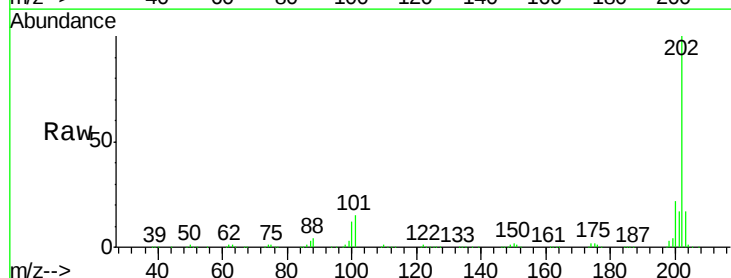


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

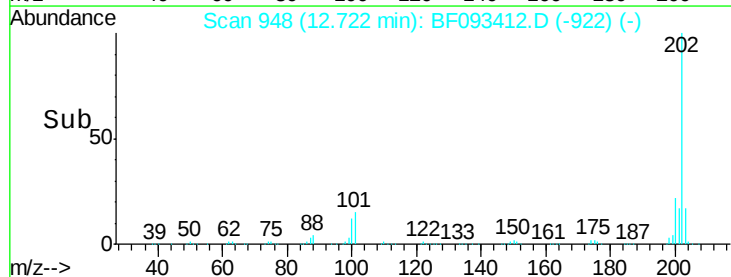
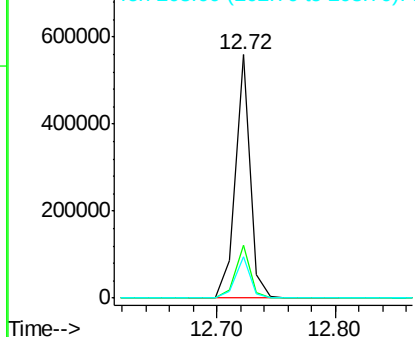


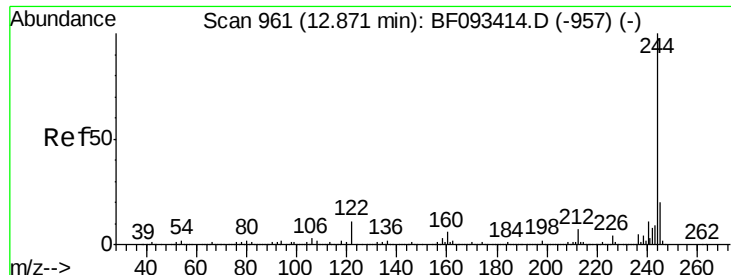
#77
Pyrene
Concen: 10.41 ng
RT: 12.72 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	486433		
200	21.7		17.7	26.5
203	17.1		14.7	22.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





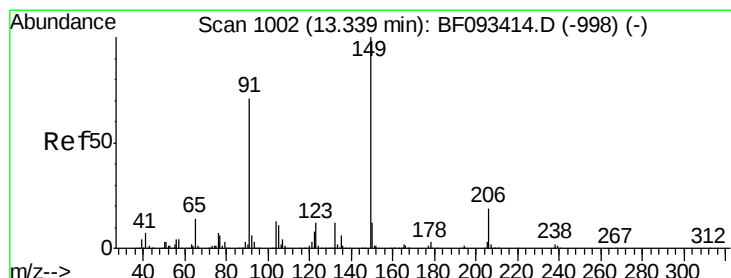
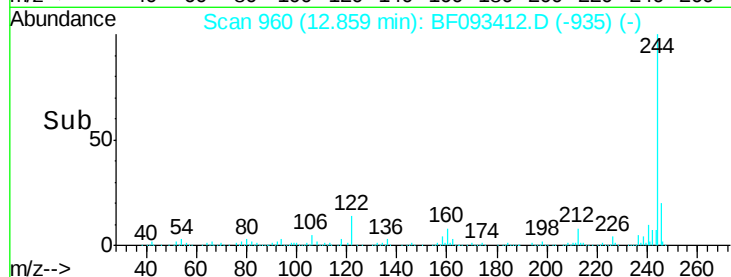
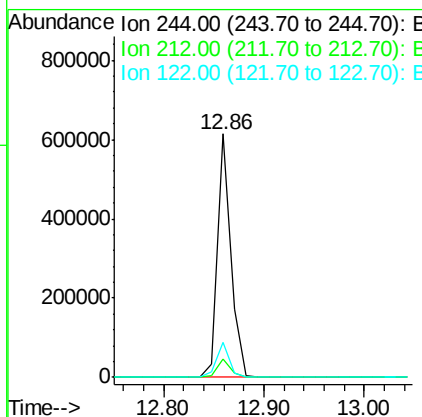
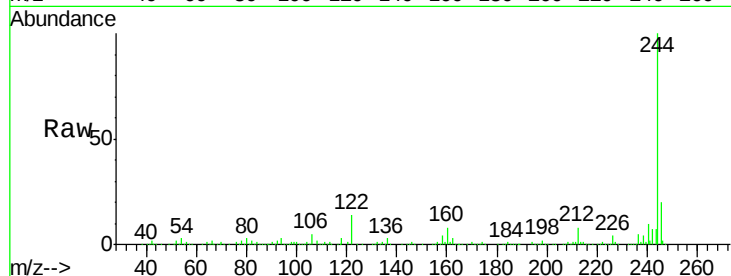
#78
 Terphenyl-d14
 Concen: 21.40 ng
 RT: 12.86 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF093412.D
 Acq: 7 Mar 2017 11:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	14.5	11.4	17.2

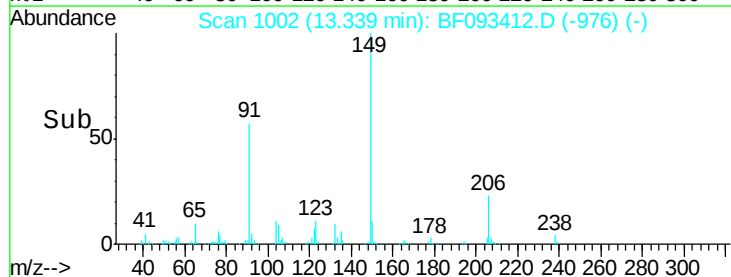
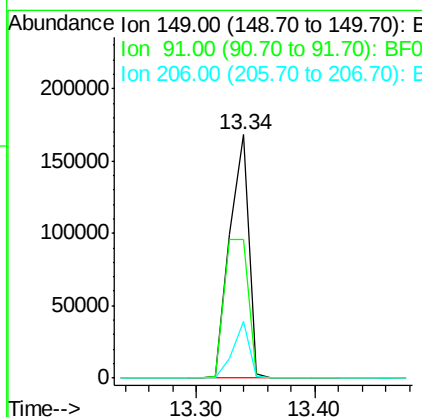
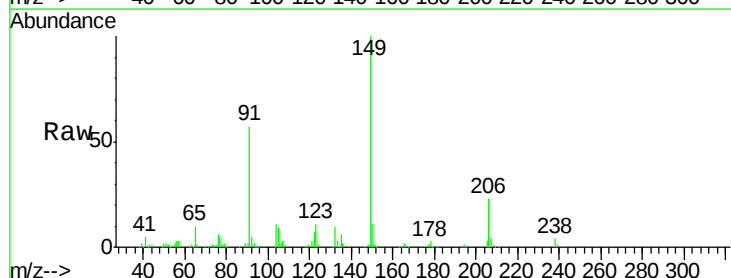
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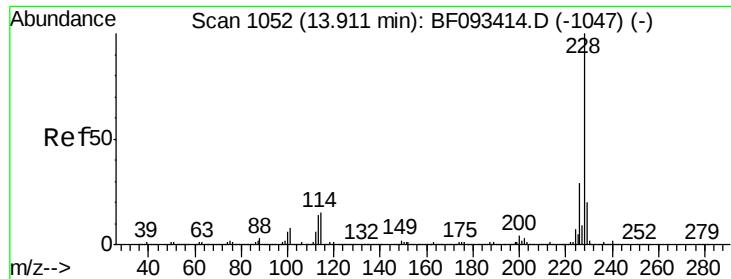
mohammad
 3/8/2017 1:45:20 PM



#79
 Butylbenzylphthalate
 Concen: 9.86 ng
 RT: 13.34 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: BF093412.D
 Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	56.9	63.9	95.9#
206	23.3	14.6	21.8#





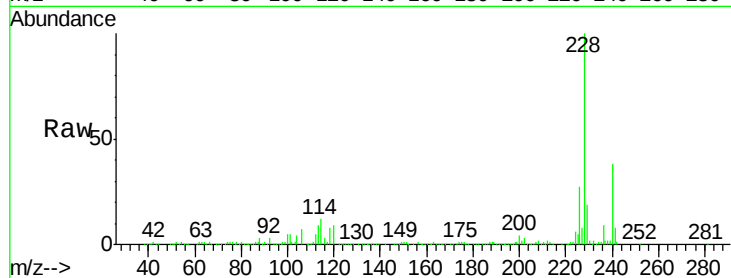
#80
Benzo(a)anthracene
Concen: 10.50 ng
RT: 13.91 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

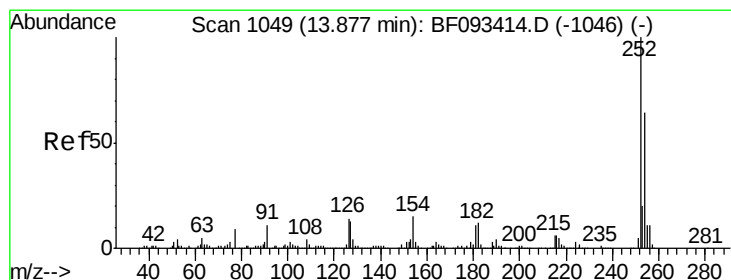
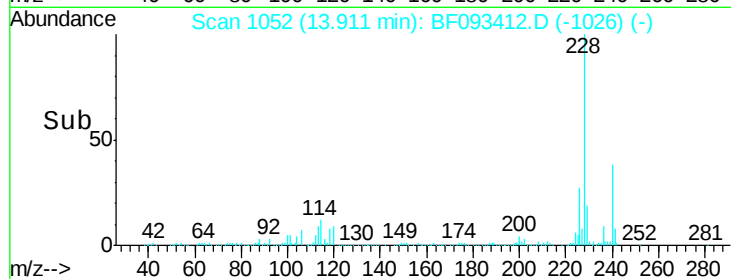
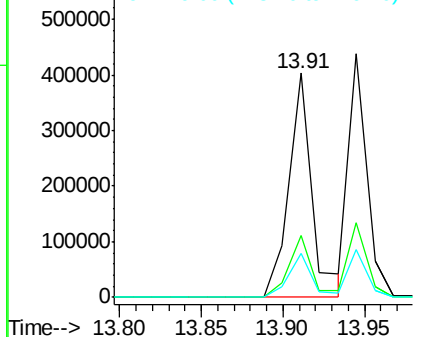
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.4	33.6
229	19.5	16.2	24.4

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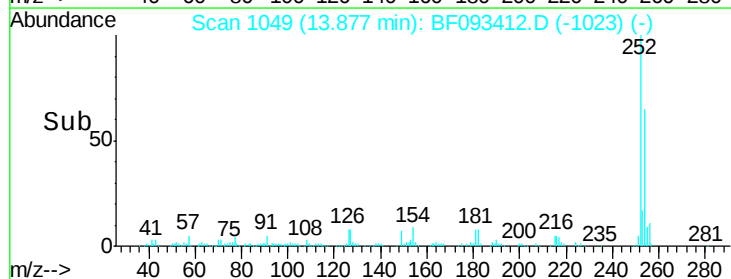
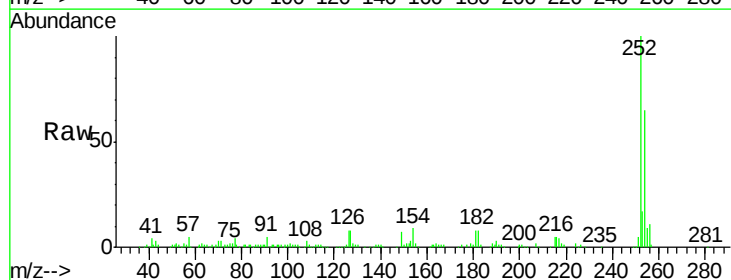
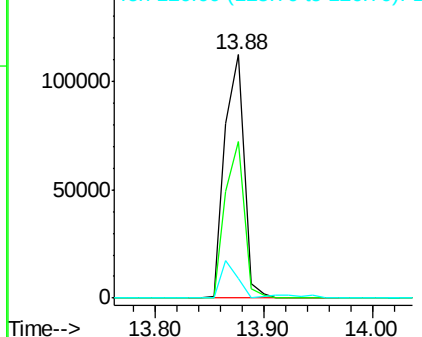
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

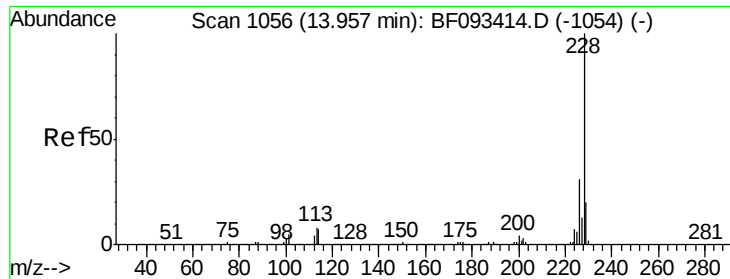


#81
3,3'-Dichlorobenzidine
Concen: 10.26 ng
RT: 13.88 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.3	78.5
126	8.0	13.6	20.4

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





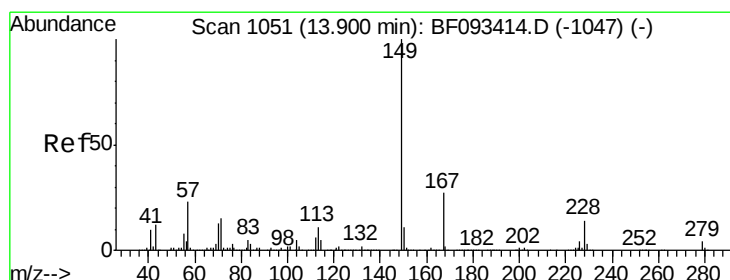
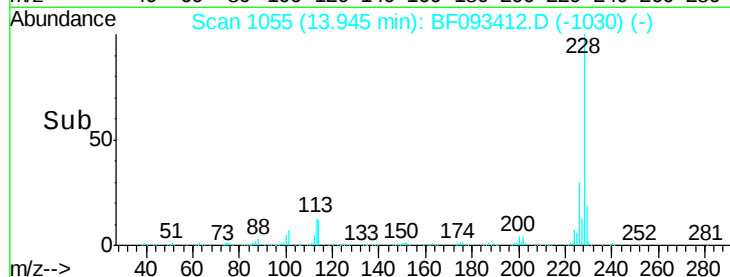
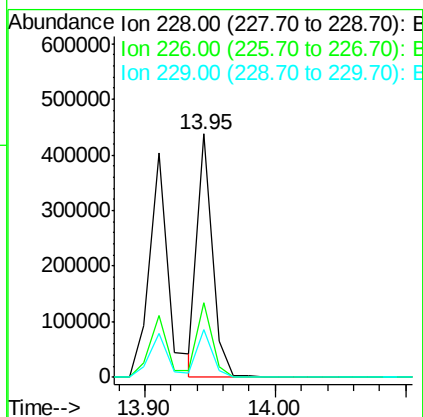
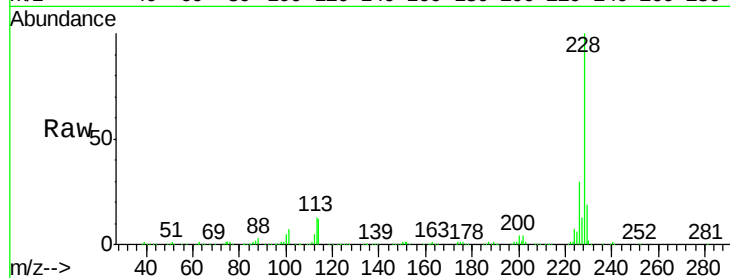
#82
Chrysene
Concen: 9.79 ng
RT: 13.95 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	30.4	25.4	38.0		
229	19.4	16.2	24.2		

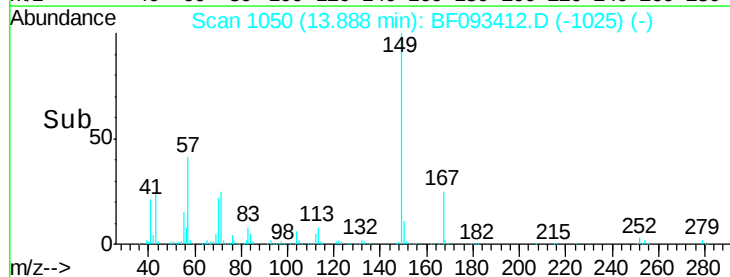
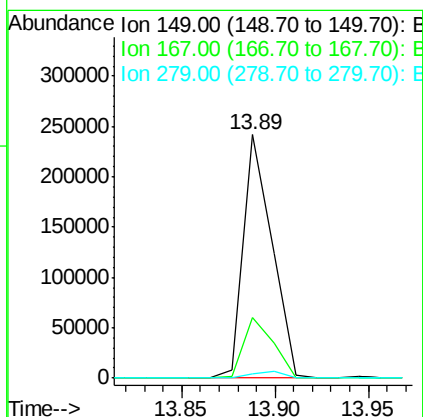
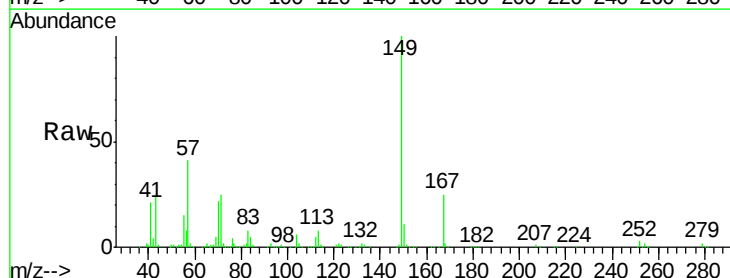
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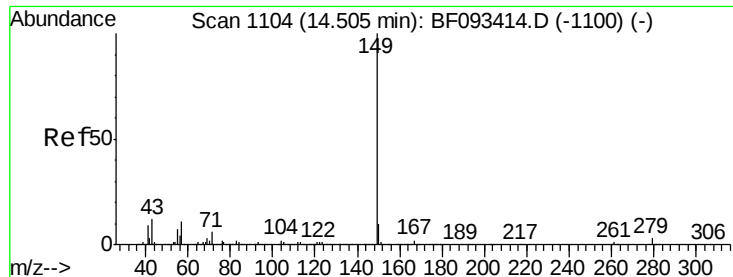
mohammad
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#83
Bis(2-ethylhexyl)phthalate
Concen: 9.98 ng
RT: 13.89 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	24.8	20.2	30.4		
279	1.8	1.8	2.8#		





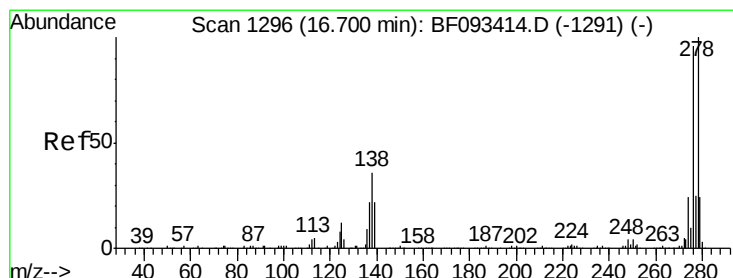
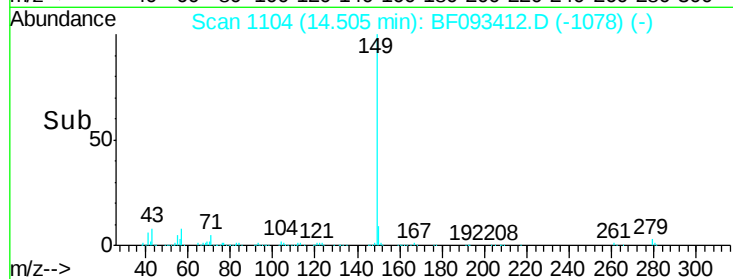
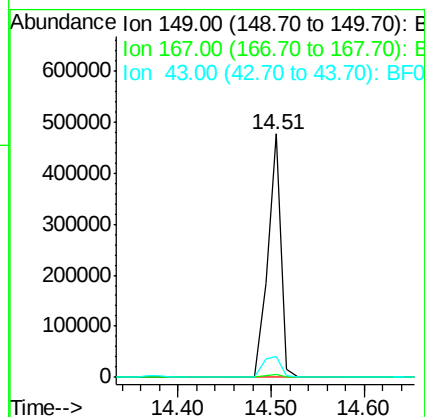
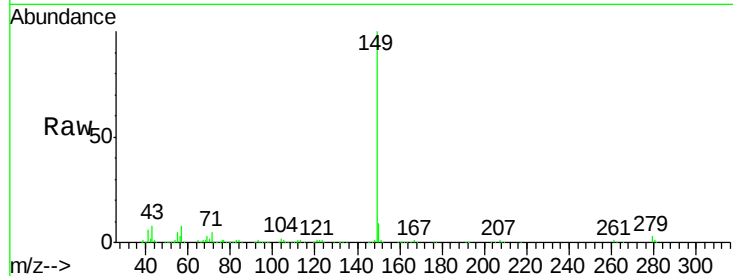
#84
Di-n-octyl phthalate
Concen: 11.11 ng
RT: 14.51 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		469517		
167	1.4		1.3	1.9	
43	11.5		8.9	13.3	

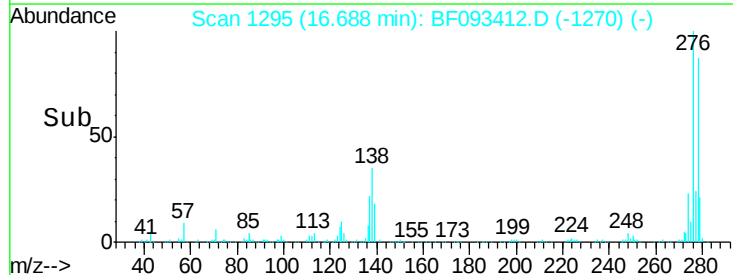
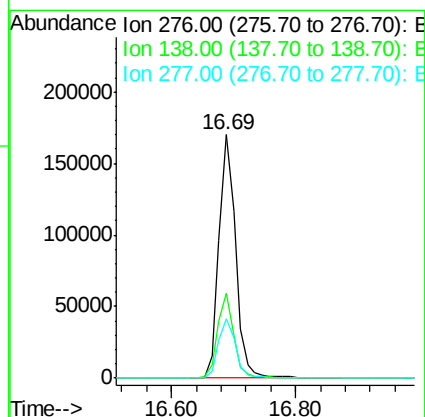
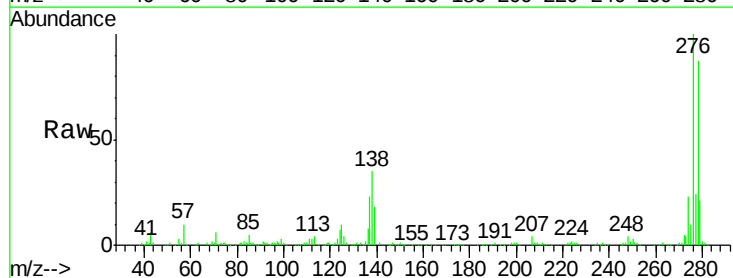
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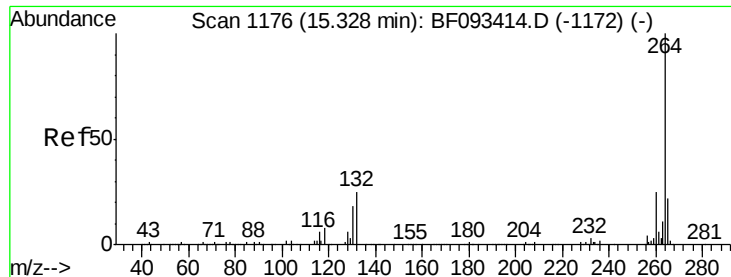
mohammad
3/8/2017 1:45:20 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 11.31 ng
RT: 16.69 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100		313104		
138	34.0		21.8	32.6#	
277	24.7		20.2	30.4	





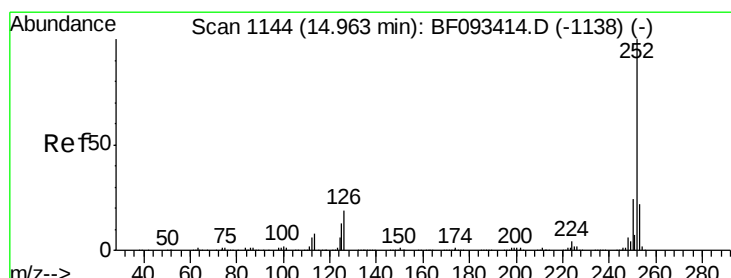
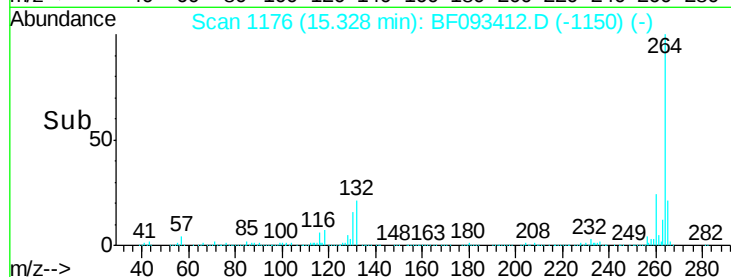
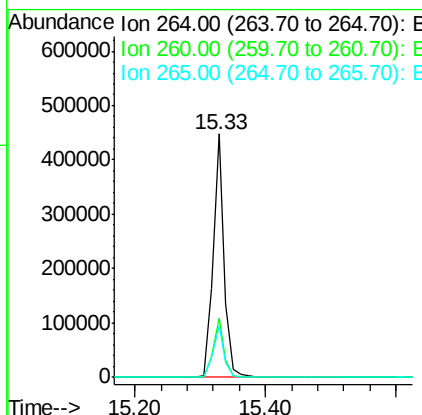
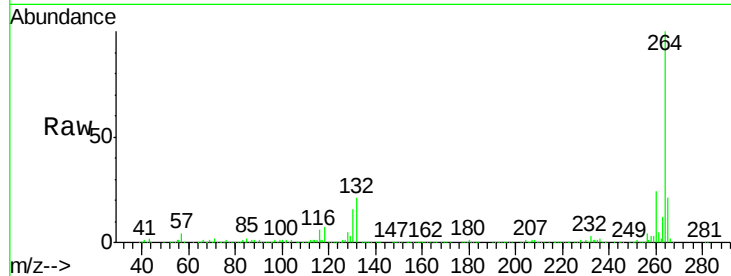
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.2	17.4	26.0

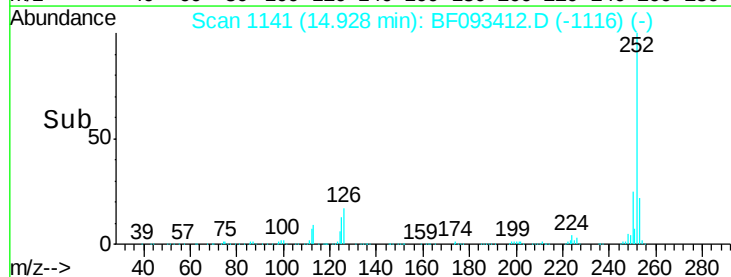
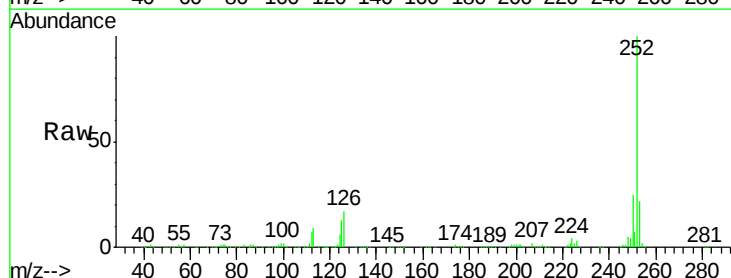
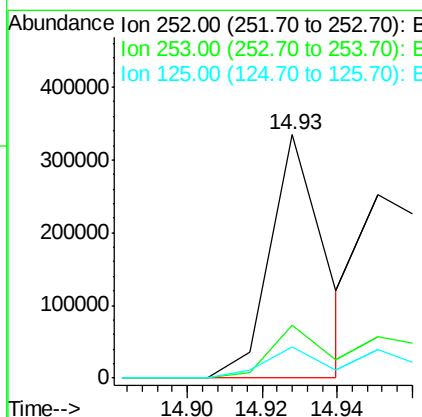
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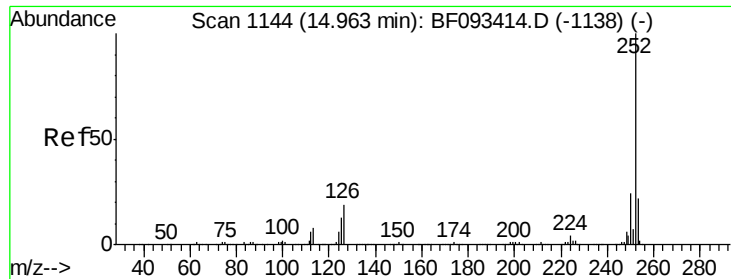
mohammad
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#87
Benzo(b)fluoranthene
Concen: 9.59 ng m
RT: 14.93 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	12.8	9.8	14.6





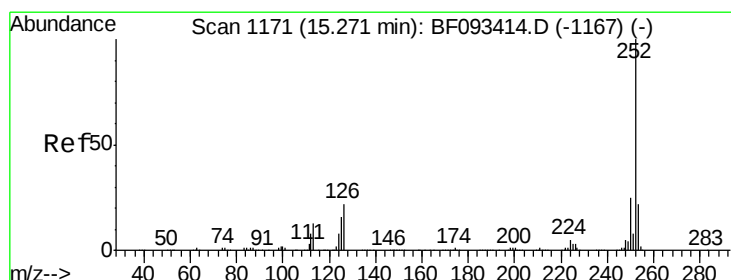
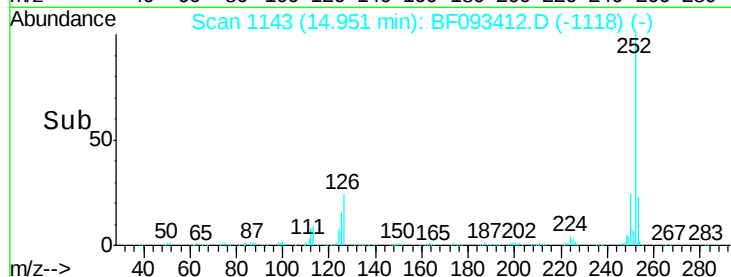
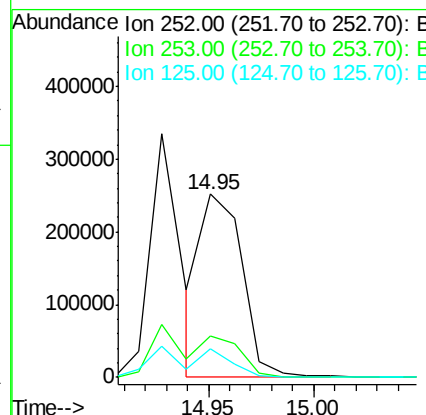
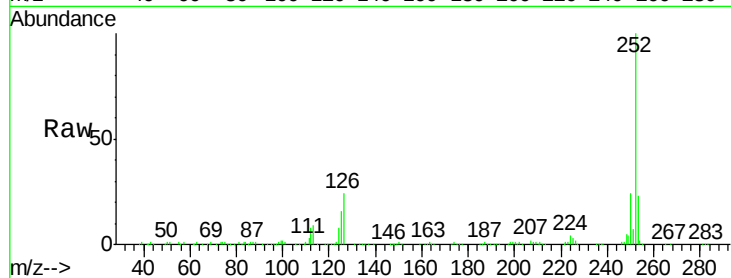
#88
Benzo(k)fluoranthene
Concen: 11.37 ng m
RT: 14.95 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	15.8	8.9	13.3

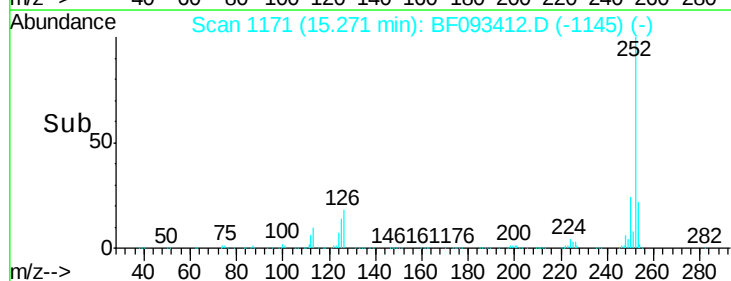
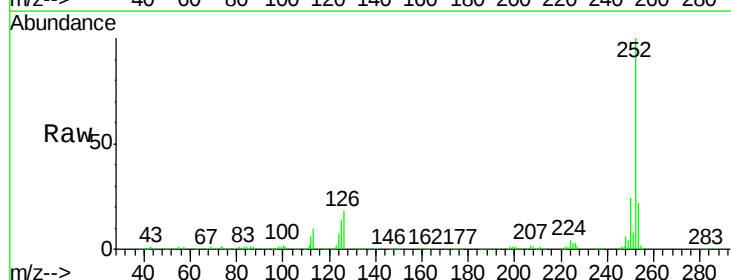
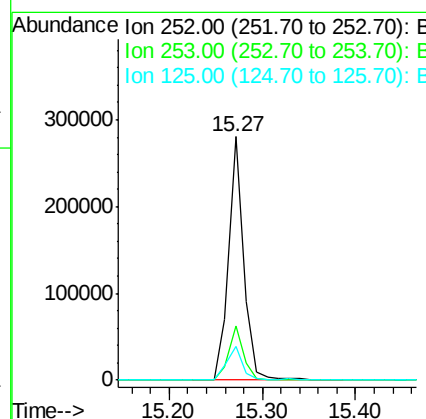
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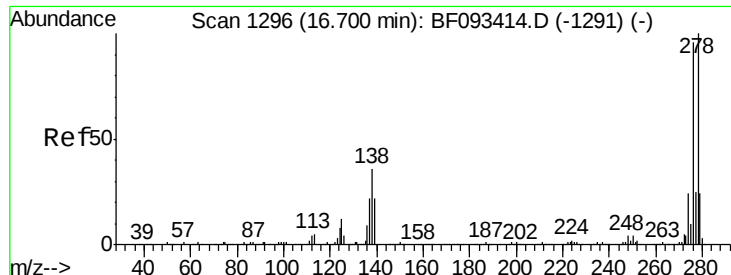
mohammad
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#89
Benzo(a)pyrene
Concen: 10.48 ng
RT: 15.27 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	13.7	10.0	15.0





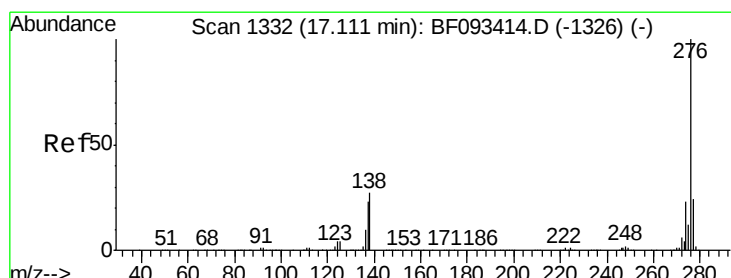
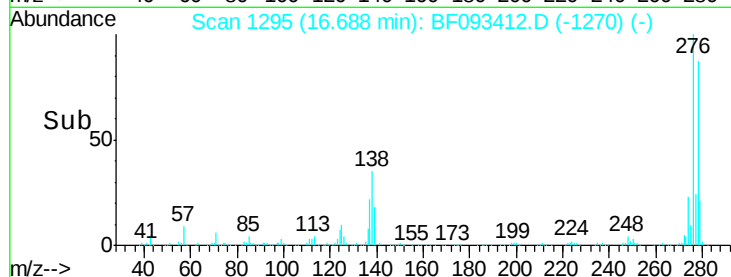
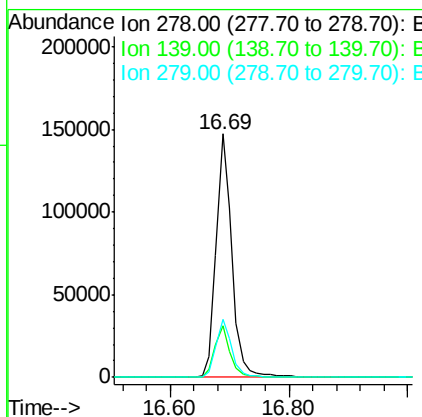
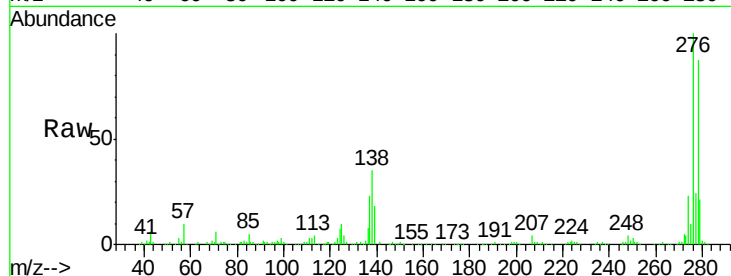
#90
Dibenzo(a,h)anthracene
Concen: 11.05 ng
RT: 16.69 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.0	14.8	22.2
279	24.0	19.8	29.6

Manual Integrations
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3/8/2017 1:45:20 PM



#91
Benzo(g,h,i)perylene
Concen: 10.82 ng
RT: 17.10 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF093412.D
Acq: 7 Mar 2017 11:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	27.4	16.0	24.0

