

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
 Data File : BF093011.D
 Acq On : 17 Feb 2017 15:36
 Operator : SJ/MA
 Sample : SP3870-SPK
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP3870-SPK

Manual Integrations
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 2/20/2017 12:59:41 PM

Quant Time: Feb 19 23:57:06 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	157982	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	661641	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	352225	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	596358	20.00	ng	0.00
75) Chrysene-d12	14.02	240	506207	20.00	ng	0.00
86) Perylene-d12	15.45	264	453544	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	0.00	244	0d	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	242978	48.83	ng	86
3) Pyridine	3.24	79	658363	52.03	ng	87
4) n-Nitrosodimethylamine	3.21	42	306241	51.55	ng	87
6) Aniline	6.51	93	510387	31.58	ng	95
8) 2-Chlorophenol	6.64	128	522476	51.43	ng	93
9) Benzaldehyde	6.40	77	324363	38.21	ng	88
10) Phenol	6.51	94	748443	53.99	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	521687	47.15	ng	93
12) 1,3-Dichlorobenzene	6.80	146	596664	50.14	ng	96
13) 1,4-Dichlorobenzene	6.88	146	613858	50.97	ng	94
14) 1,2-Dichlorobenzene	7.02	146	553018	48.02	ng	98
15) Benzyl Alcohol	7.00	79	452243	51.56	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	876791	45.61	ng	94
17) 2-Methylphenol	7.13	107	455414	52.26	ng	96
18) Hexachloroethane	7.37	117	203167	49.42	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	367130	48.68	ng	98
20) 3+4-Methylphenols	7.28	107	495051	47.51	ng	97
22) Acetophenone	7.26	105	689301	45.63	ng	# 96
24) Nitrobenzene	7.44	77	581627	47.67	ng	99
25) Isophorone	7.69	82	1065968	48.15	ng	98
26) 2-Nitrophenol	7.76	139	286605	49.42	ng	93
27) 2,4-Dimethylphenol	7.80	122	469493	46.10	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	641431	43.74	ng	99
29) 2,4-Dichlorophenol	8.01	162	479884	50.52	ng	94
30) 1,2,4-Trichlorobenzene	8.09	180	482562	47.14	ng	98
31) Naphthalene	8.17	128	1540466	45.93	ng	99
32) Benzoic acid	7.95	122	288165	49.65	ng	89
33) 4-Chloroaniline	8.21	127	353683	26.89	ng	95
34) Hexachlorobutadiene	8.28	225	255714	45.40	ng	99
35) Caprolactam	8.60	113	164259m	54.97	ng	
36) 4-Chloro-3-methylphenol	8.70	107	450539	45.49	ng	98
37) 2-Methylnaphthalene	8.85	142	966301	44.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	459882	46.51	ng	99
40) Hexachlorocyclopentadiene	9.00	237	394662	88.47	ng	97

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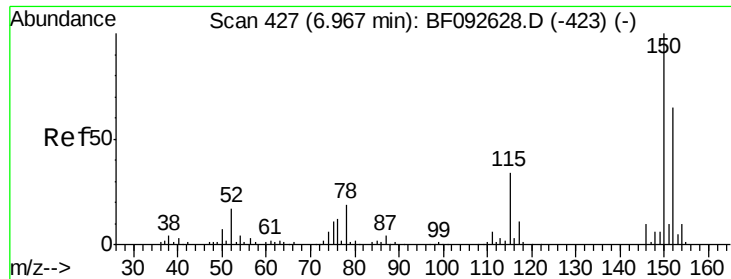
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	327866	50.47	ng	94
43) 2,4,5-Trichlorophenol	9.17	196	320223	44.99	ng	96
45) 1,1'-Biphenyl	9.32	154	1269056	49.76	ng	100
46) 2-Chloronaphthalene	9.34	162	976699	48.95	ng	98
47) 2-Nitroaniline	9.45	65	347586	51.82	ng	# 84
48) Acenaphthylene	9.76	152	1421039	41.23	ng	99
49) Dimethylphthalate	9.63	163	1187749	50.06	ng	100
50) 2,6-Dinitrotoluene	9.69	165	252122	49.21	ng	# 88
51) Acenaphthene	9.93	154	932436	45.25	ng	96
52) 3-Nitroaniline	9.86	138	187612	32.00	ng	# 78
53) 2,4-Dinitrophenol	9.96	184	228280	87.14	ng	# 60
54) Dibenzofuran	10.10	168	1206491	43.77	ng	98
55) 4-Nitrophenol	10.03	139	359642	85.16	ng	95
56) 2,4-Dinitrotoluene	10.09	165	320519	46.99	ng	# 89
57) Fluorene	10.44	166	905597	42.71	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	263517	55.49	ng	96
59) Diethylphthalate	10.32	149	996278	44.56	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	425930	41.81	ng	95
61) 4-Nitroaniline	10.48	138	292390	48.69	ng	82
62) Azobenzene	10.59	77	1119283	48.46	ng	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	176330	48.54	ng	# 71
65) n-Nitrosodiphenylamine	10.56	169	890611	46.75	ng	100
66) 4-Bromophenyl-phenylether	10.92	248	265650	42.64	ng	98
67) Hexachlorobenzene	10.99	284	281731	45.76	ng	97
68) Atrazine	11.08	200	259185	42.39	ng	99
69) Pentachlorophenol	11.18	266	278146	86.83	ng	97
70) Phenanthrene	11.40	178	1350246	39.52	ng	99
71) Anthracene	11.46	178	1625791	47.38	ng	99
72) Carbazole	11.61	167	1357985	41.40	ng	99
73) Di-n-butylphthalate	11.94	149	1566971	44.18	ng	# 98
74) Fluoranthene	12.59	202	1470842	41.74	ng	98
76) Benzidine	12.72	184	807877	37.45	ng	96
77) Pyrene	12.82	202	1478761	39.04	ng	99
79) Butylbenzylphthalate	13.44	149	755991	49.14	ng	89
80) Benzo(a)anthracene	14.01	228	1232107	39.80	ng	100
81) 3,3'-Dichlorobenzidine	13.97	252	342902	31.07	ng	# 95
82) Chrysene	14.04	228	1116441	38.51	ng	100
83) Bis(2-ethylhexyl)phthalate	14.00	149	985170	46.83	ng	# 94
84) Di-n-octyl phthalate	14.60	149	1661181	48.49	ng	98
85) Indeno(1,2,3-cd)pyrene	16.87	276	1139677	50.76	ng	95
87) Benzo(b)fluoranthene	15.04	252	1240669	41.56	ng	99
88) Benzo(k)fluoranthene	15.07	252	1213624m	47.09	ng	
89) Benzo(a)pyrene	15.39	252	1161977	45.00	ng	99
90) Dibenzo(a,h)anthracene	16.88	278	945212	45.29	ng	97
91) Benzo(g,h,i)perylene	17.29	276	944242	44.79	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Instrument :

BNA_F

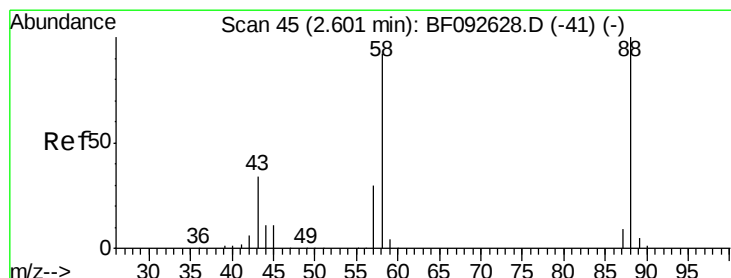
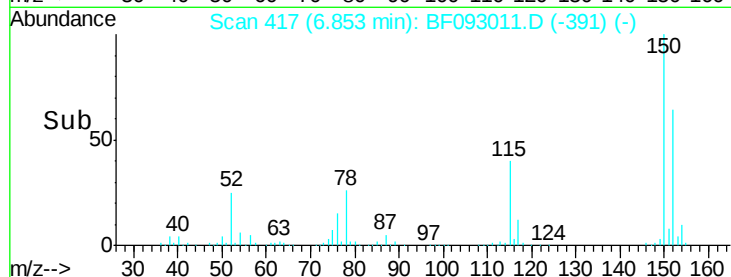
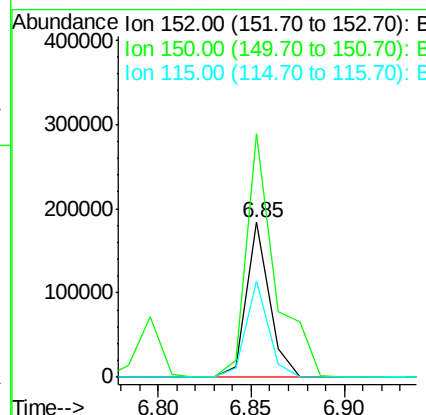
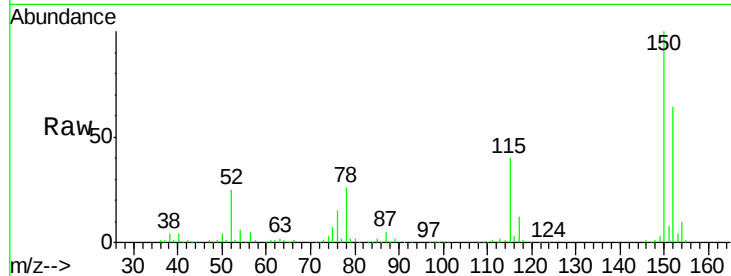
ClientSampleId :

SP3870-SPK

Tgt Ion:	152	Resp:	157982
Ion Ratio	Lower	Upper	
152	100		
150	157.3	124.9	187.3
115	62.4	46.0	69.0

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#2

1,4-Dioxane

Concen: 48.83 ng

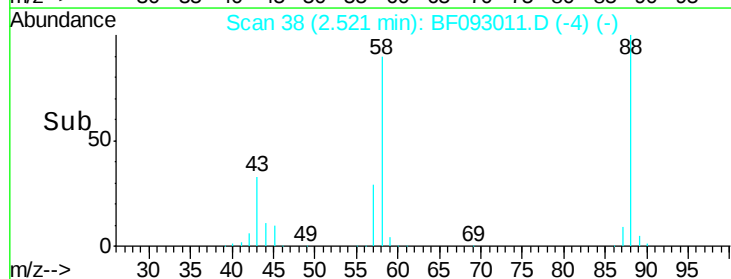
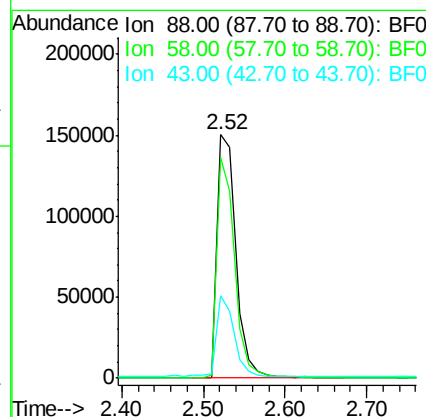
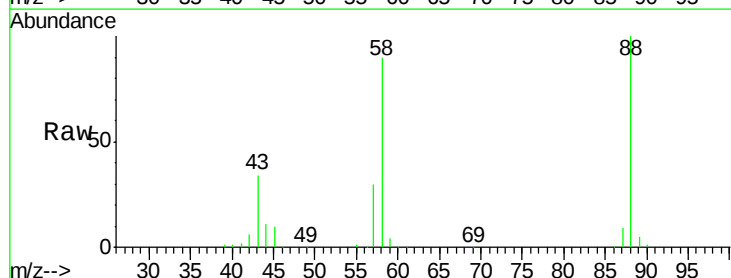
RT: 2.52 min Scan# 38

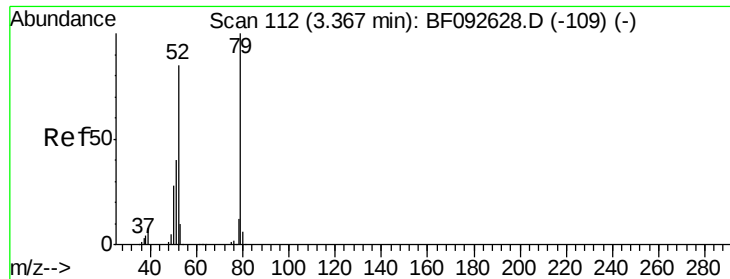
Delta R.T. 0.09 min

Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Tgt Ion:	88	Resp:	242978
Ion Ratio	Lower	Upper	
88	100		
58	85.9	57.8	86.8
43	32.0	22.3	33.5





#3

Pyridine

Concen: 52.03 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.09 min

Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Instrument :

BNA_F

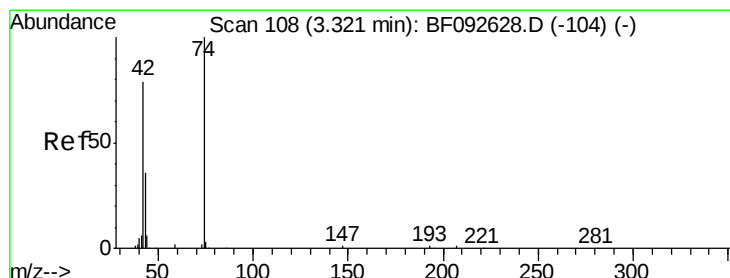
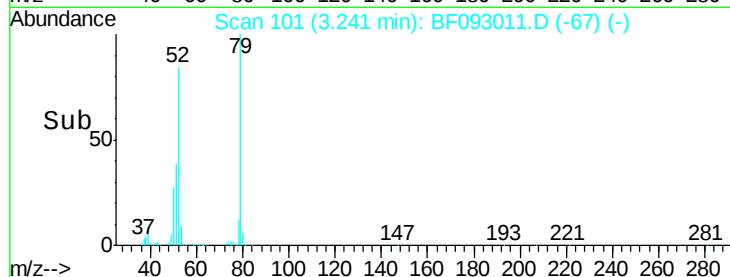
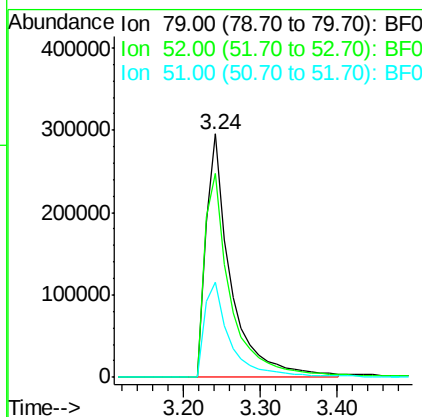
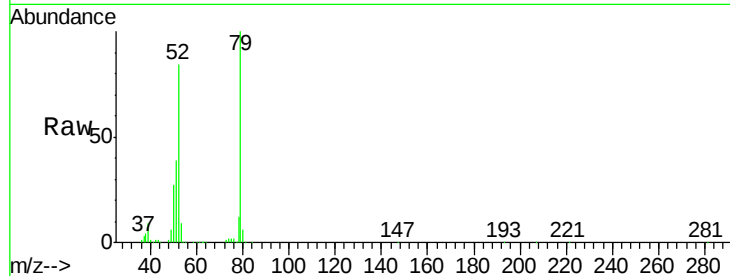
ClientSampleId :

SP3870-SPK

Tgt Ion:	79	Resp:	658363
Ion Ratio	Lower	Upper	
79	100		
52	83.7	57.1	85.7
51	39.1	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 51.55 ng

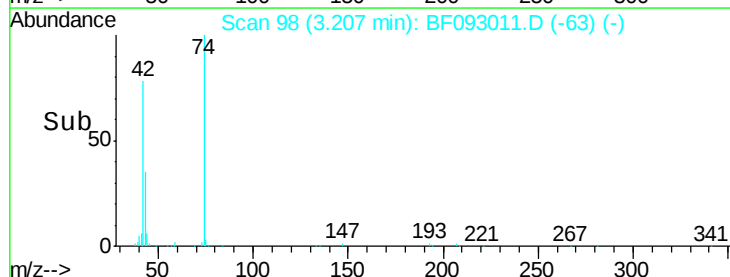
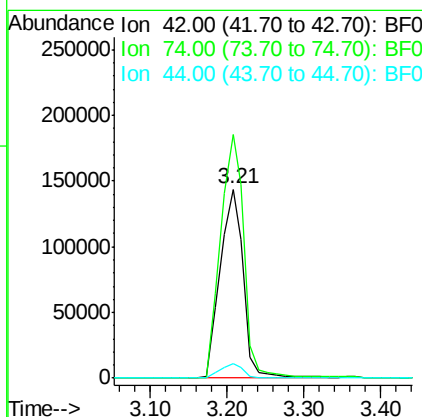
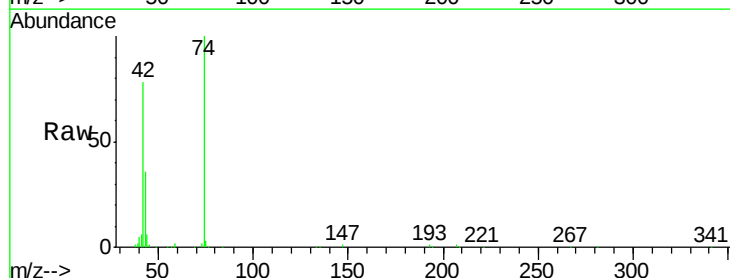
RT: 3.21 min Scan# 98

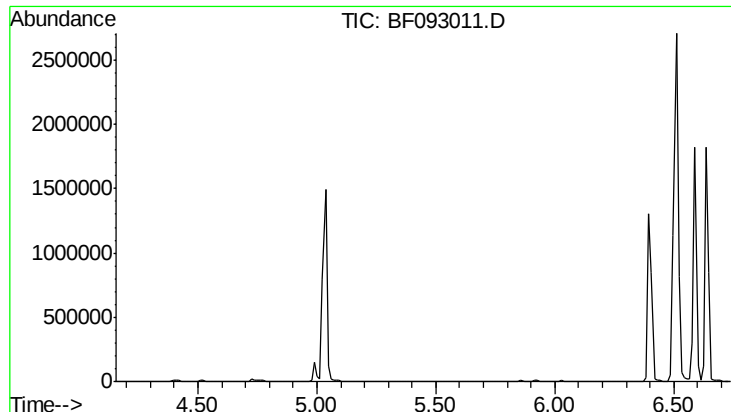
Delta R.T. 0.10 min

Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Tgt Ion:	42	Resp:	306241
Ion Ratio	Lower	Upper	
42	100		
74	128.7	117.0	175.4
44	7.5	5.5	8.3





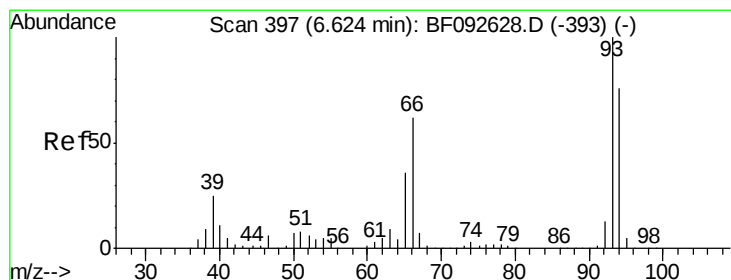
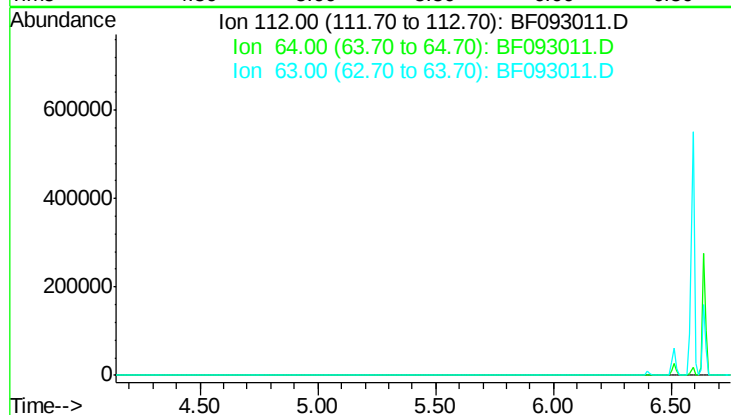
#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.45 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP3870-SPK

Tgt Ion	Exp Ratio
112	100
64	57.6
63	29.7

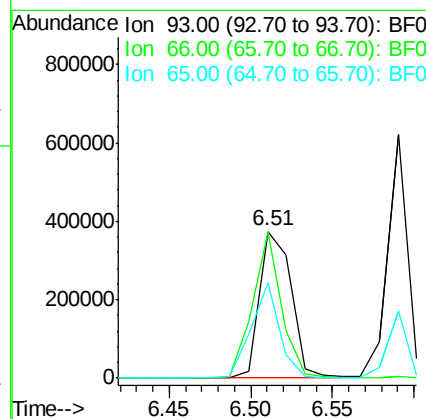
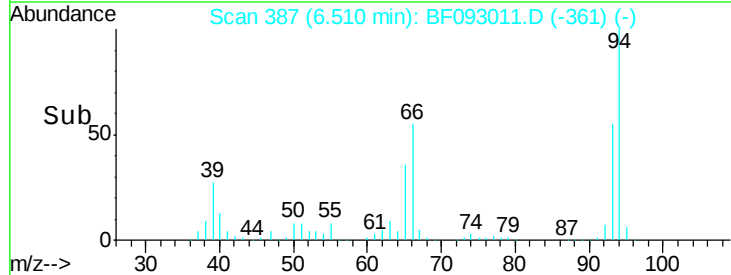
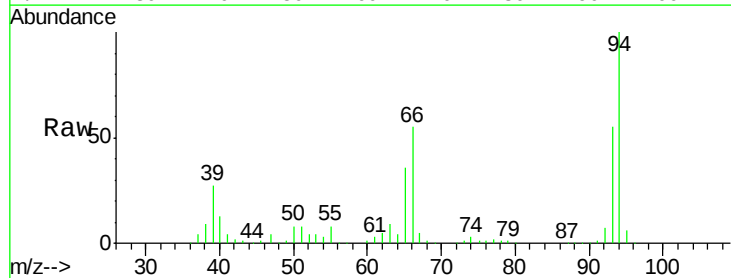
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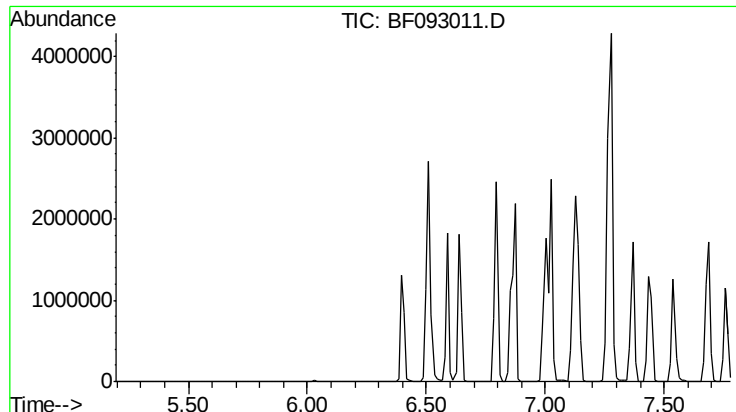
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#6
 Aniline
 Concen: 31.58 ng
 RT: 6.51 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Tgt Ion	Resp	Lower	Upper
93	510387		
93	100		
66	99.8	76.2	114.2
65	65.2	49.3	73.9





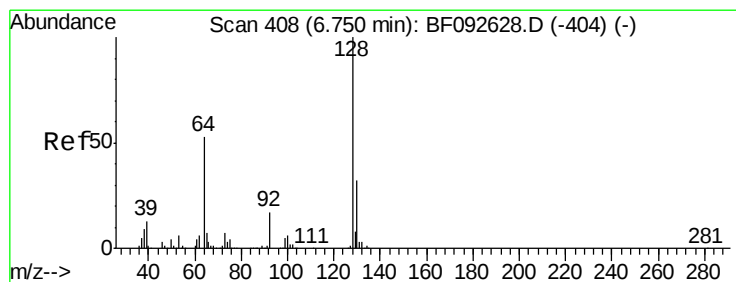
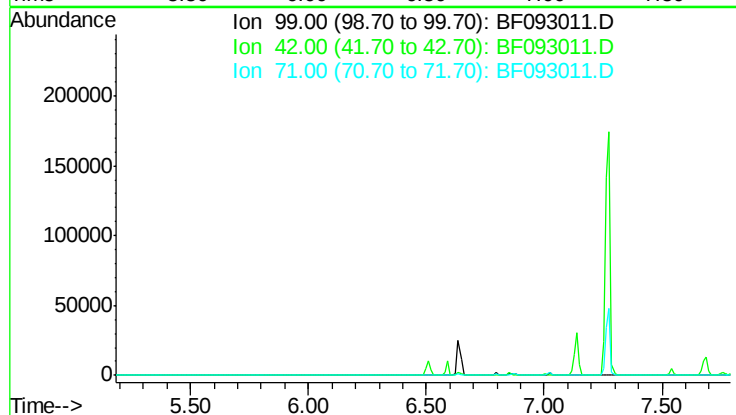
#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 6.49 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP3870-SPK

Tgt Ion	Exp Ratio
99	100
42	19.5
71	34.4

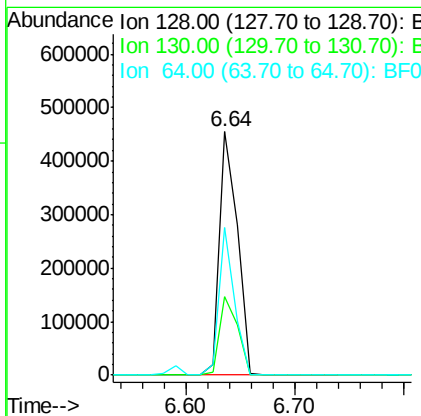
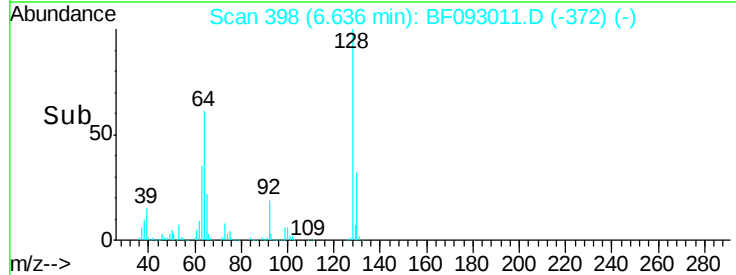
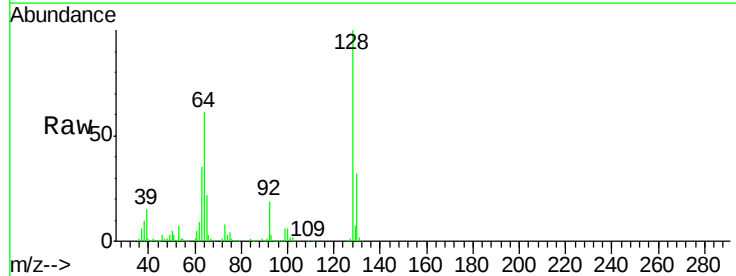
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#8
 2-Chlorophenol
 Concen: 51.43 ng
 RT: 6.64 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.3	52.3
64	60.5	32.2	72.2





#9

Benzaldehyde

Concen: 38.21 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Instrument :

BNA_F

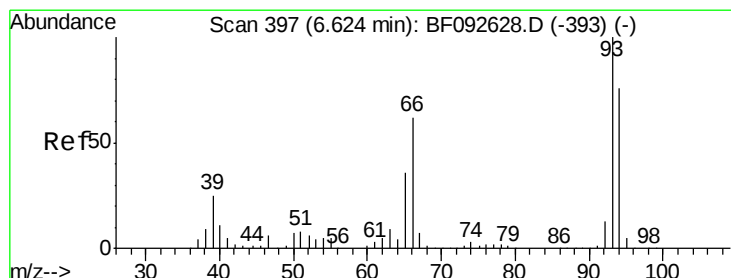
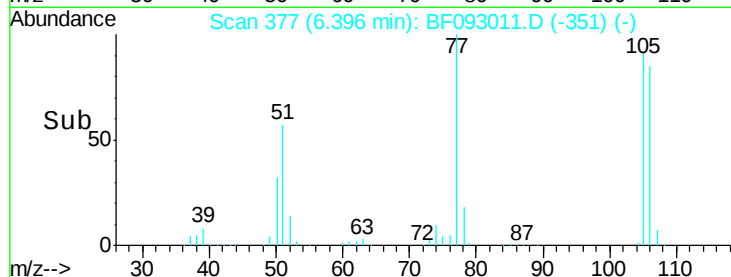
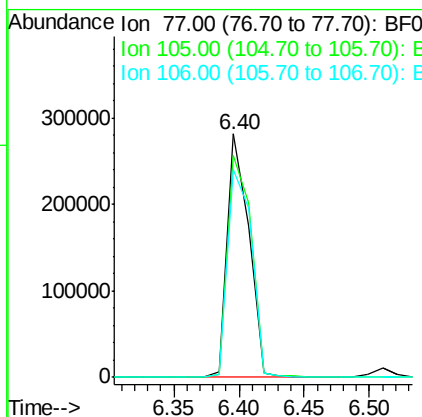
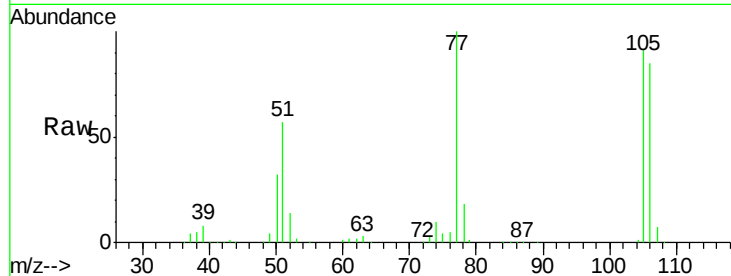
ClientSampleId :

SP3870-SPK

Tgt Ion:	77	Resp:	324363
Ion	Ratio	Lower	Upper
77	100		
105	91.4	83.9	123.9
106	85.2	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 53.99 ng

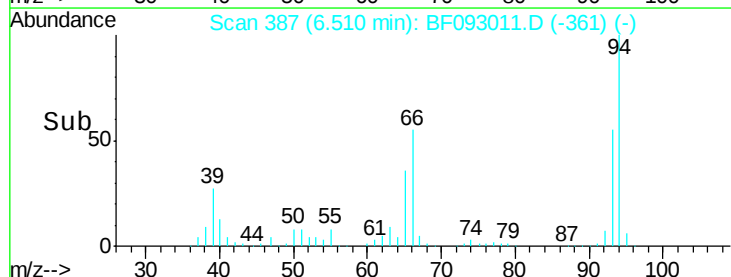
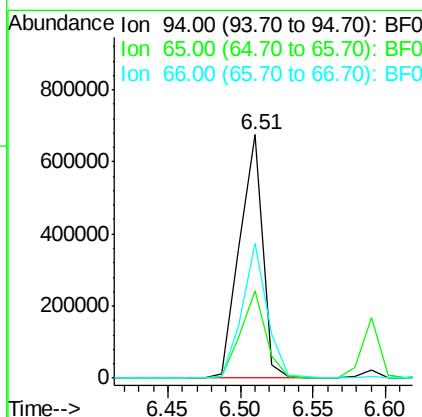
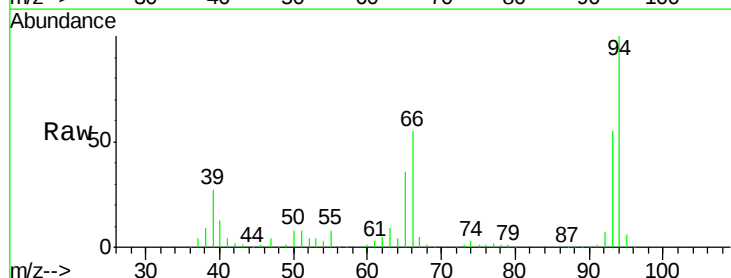
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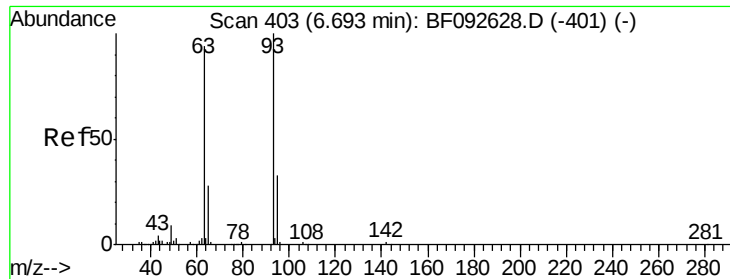
Delta R.T. -0.00 min

Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Tgt Ion:	94	Resp:	748443
Ion	Ratio	Lower	Upper
94	100		
65	36.1	21.4	61.4
66	55.3	44.0	84.0





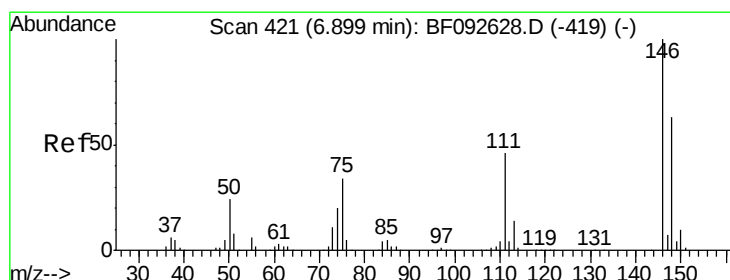
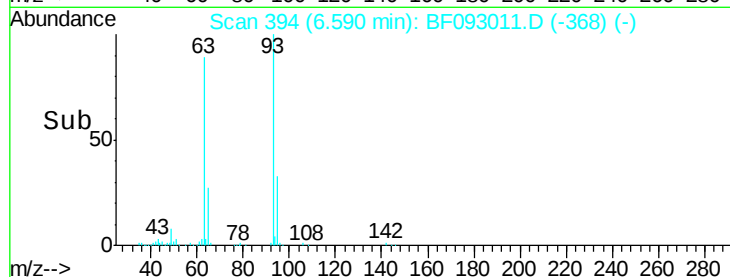
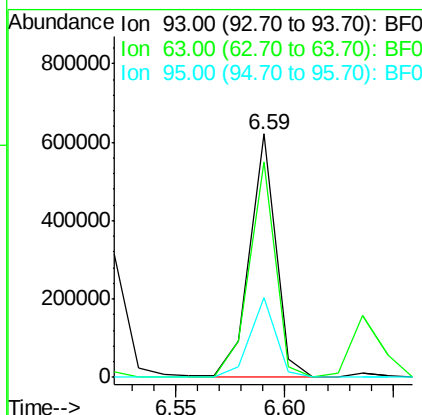
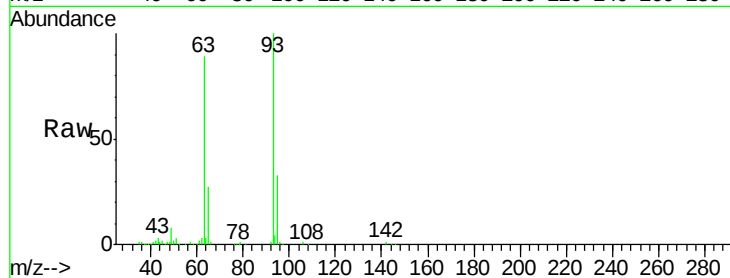
#11
bis(2-Chloroethyl)ether
Concen: 47.15 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF093011.D
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Instrument :
BNA_F
ClientSampleId :
SP3870-SPK

Tgt Ion	Ratio	Lower	Upper
93	100		
63	88.7	60.4	100.4
95	32.7	12.8	52.8

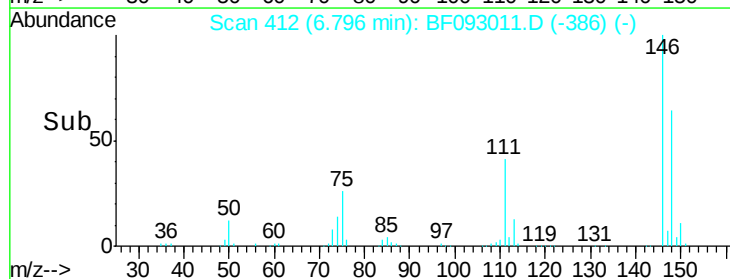
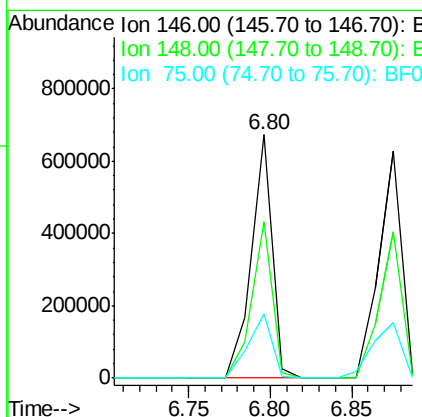
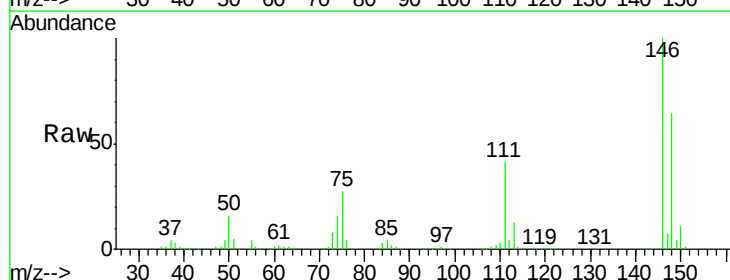
Manual Integrations
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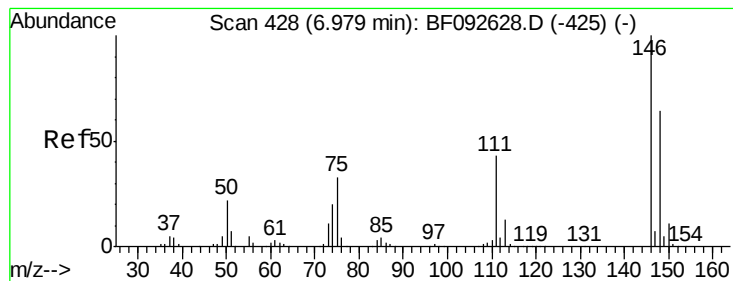
mohammad
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#12
1,3-Dichlorobenzene
Concen: 50.14 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.4	80.0
75	26.7	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 50.97 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Instrument :

BNA_F

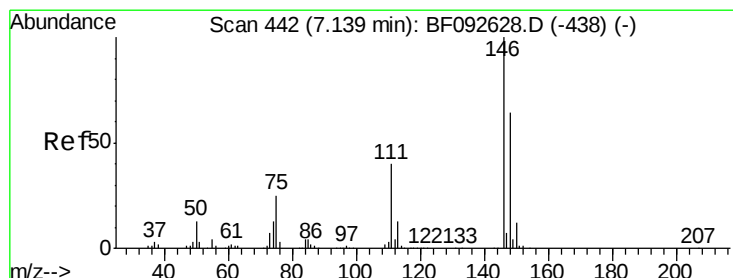
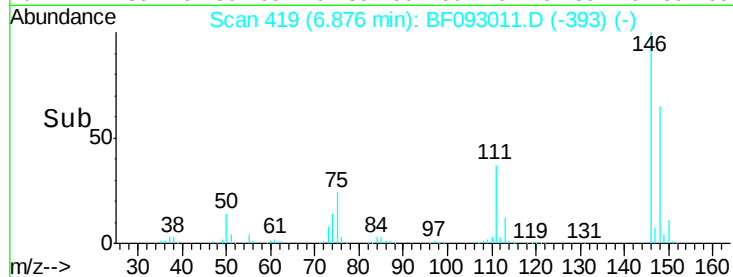
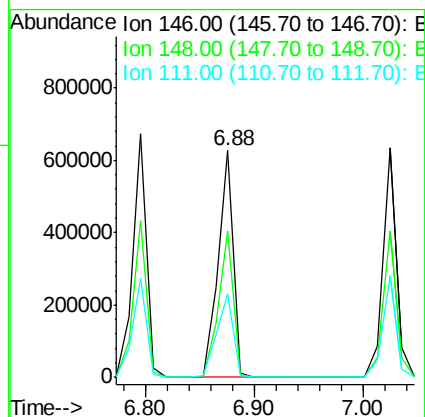
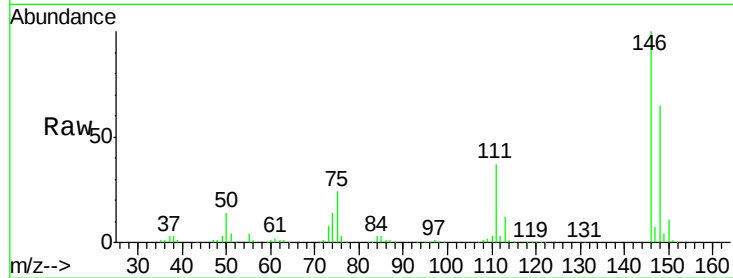
ClientSampleId :

SP3870-SPK

Tgt Ion:	146	Resp:	613858
Ion Ratio	Lower	Upper	
146	100		
148	64.6	50.6	76.0
111	36.9	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 48.02 ng

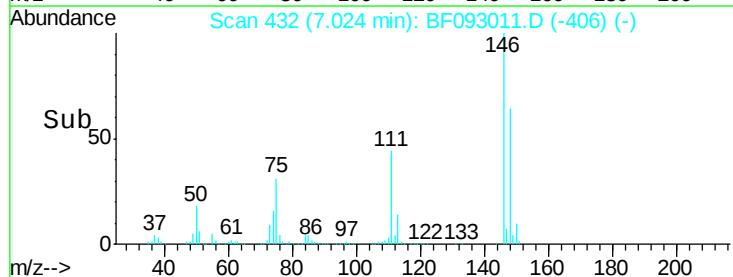
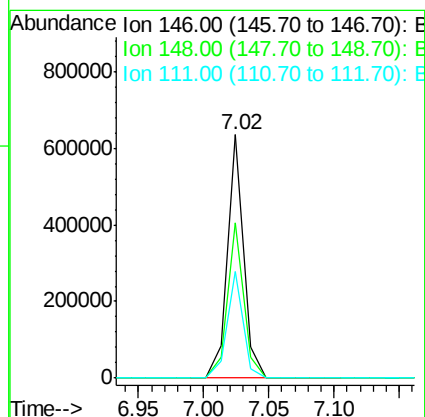
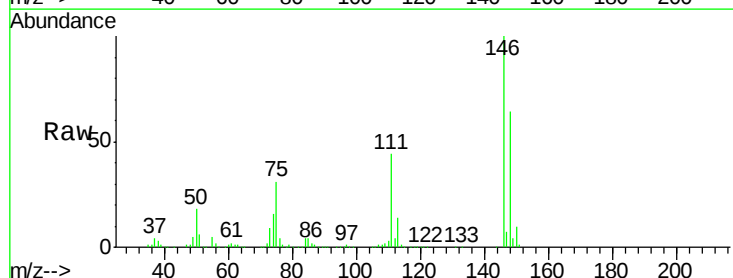
RT: 7.02 min Scan# 432

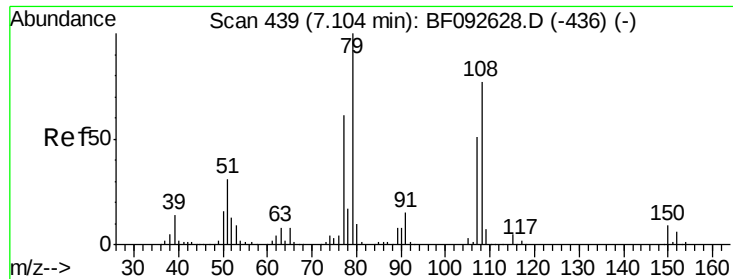
Delta R.T. -0.00 min

Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Tgt Ion:	146	Resp:	553018
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.2
111	44.0	36.2	54.2





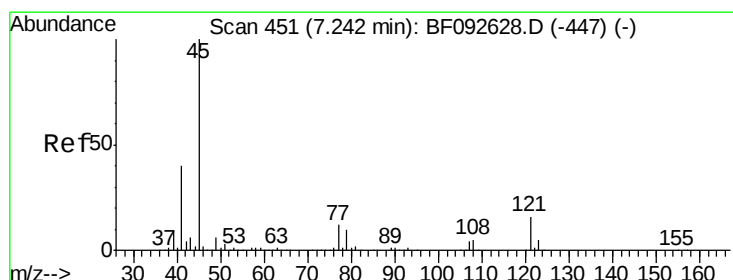
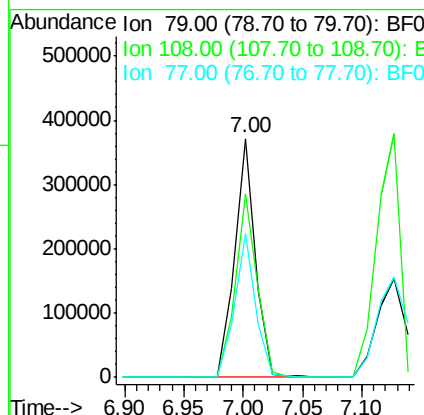
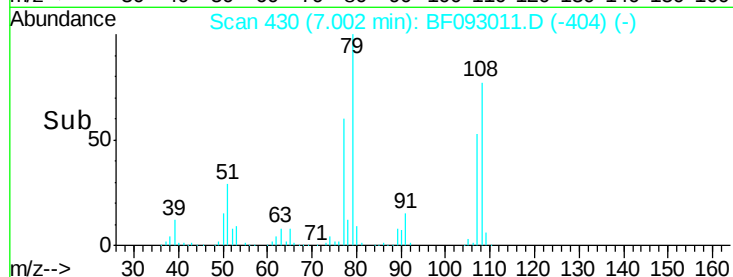
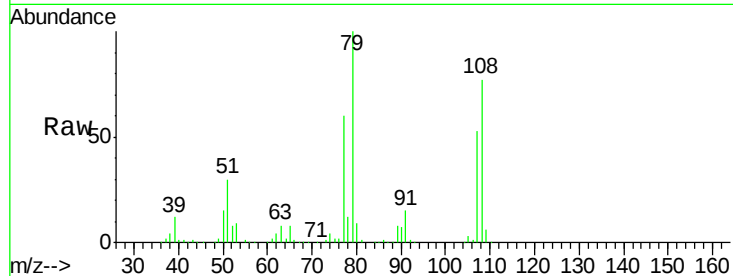
#15
Benzyl Alcohol
Concen: 51.56 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Instrument :
BNA_F
ClientSampleId :
SP3870-SPK

Tgt Ion	Ratio	Lower	Upper
79	100		
108	76.9	61.4	92.0
77	60.0	50.9	76.3

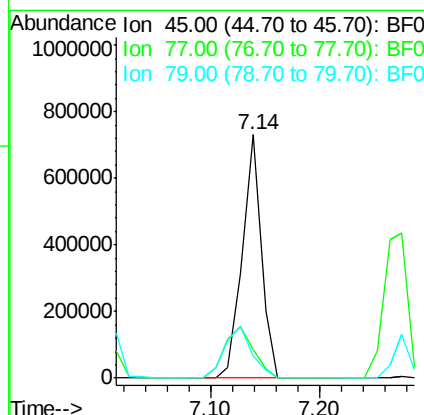
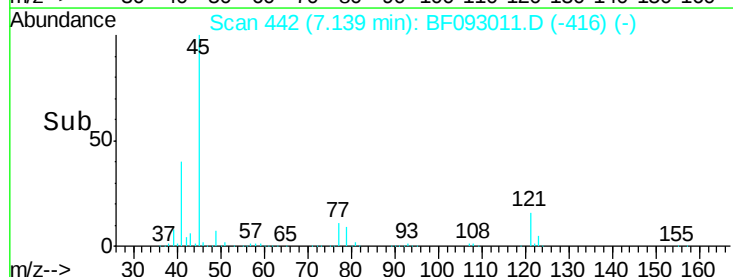
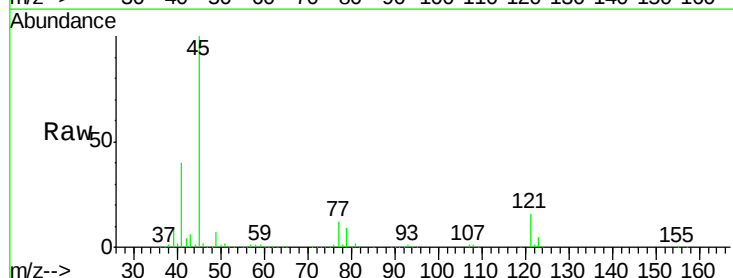
Manual Integrations
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.61 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.6	0.0	34.6
79	9.2	0.0	31.2





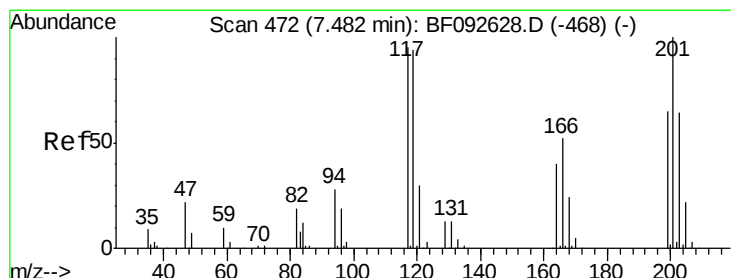
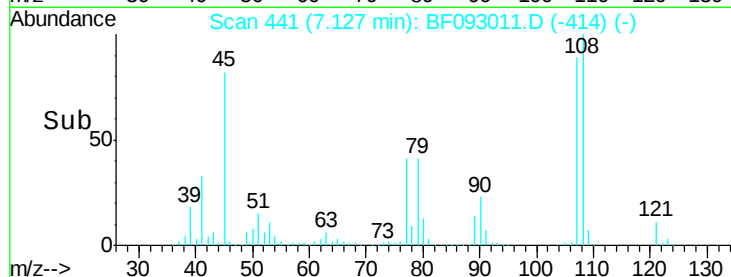
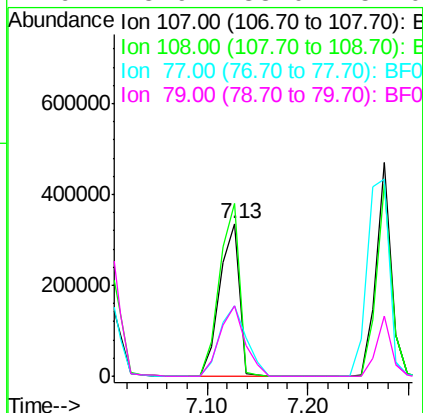
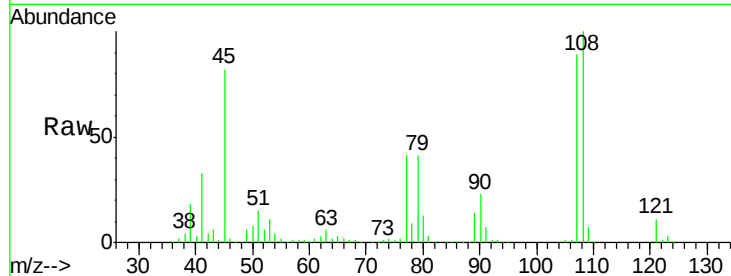
#17
2-Methylphenol
Concen: 52.26 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Instrument :
BNA_F
ClientSampleId :
SP3870-SPK

Tgt Ion:	107	Resp:	455414
Ion Ratio	Lower	Upper	
107	100		
108	112.6	93.0	139.6
77	46.3	39.8	59.8
79	45.9	38.0	57.0

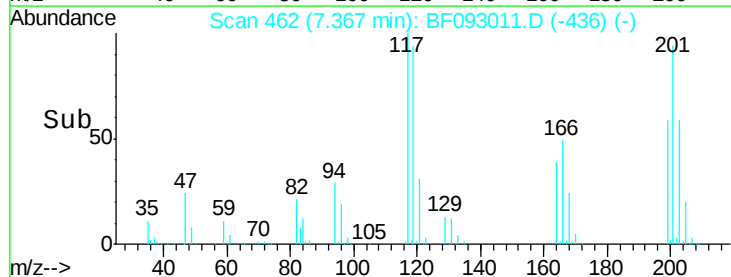
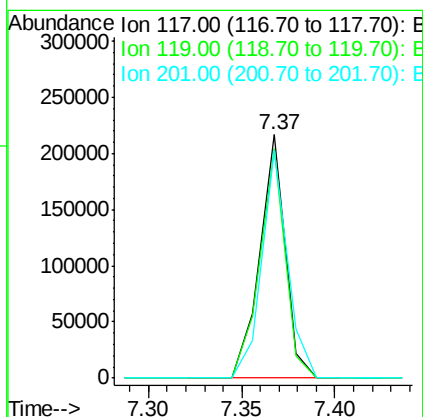
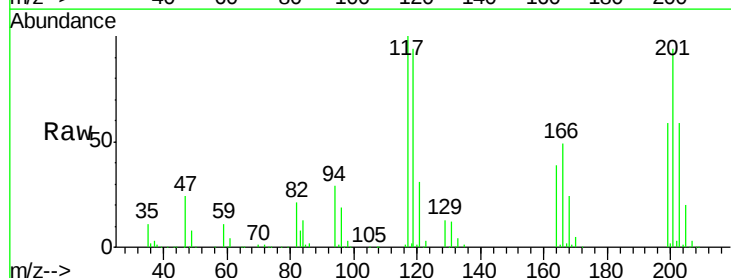
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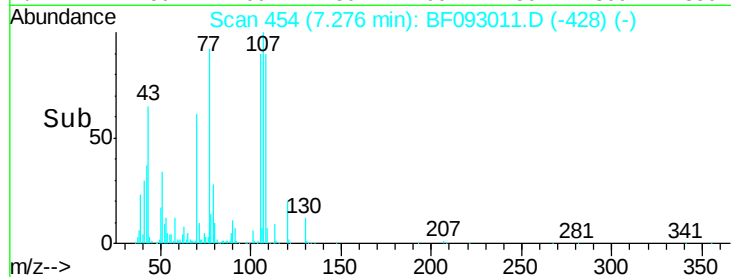
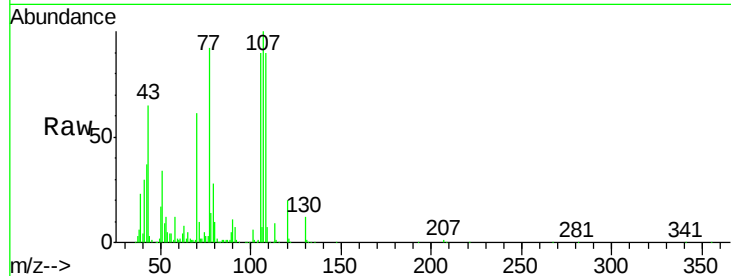
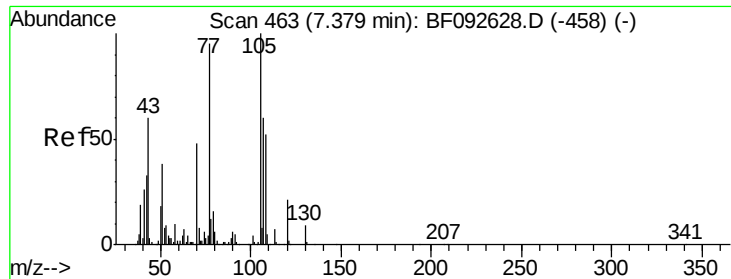
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#18
Hexachloroethane
Concen: 49.42 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion:	117	Resp:	203167
Ion Ratio	Lower	Upper	
117	100		
119	94.2	78.1	117.1
201	93.7	78.6	117.8





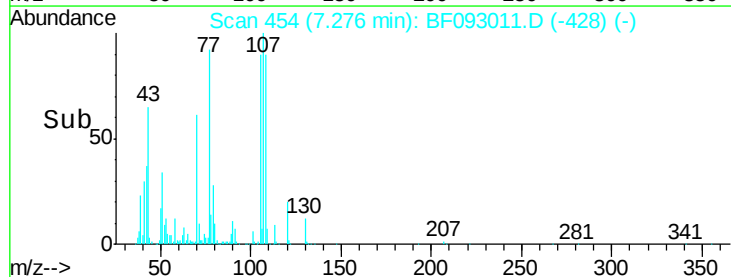
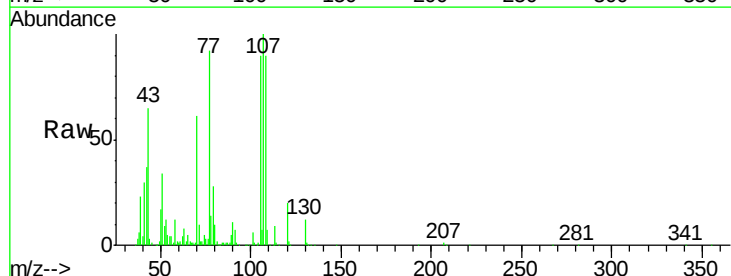
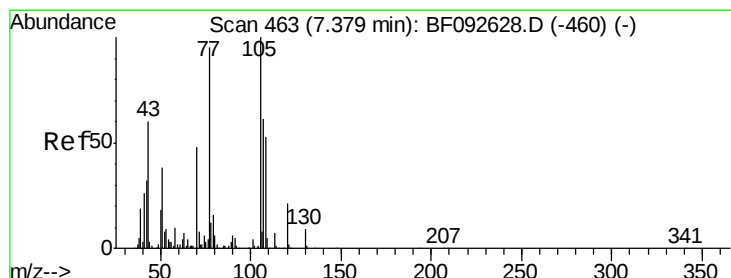
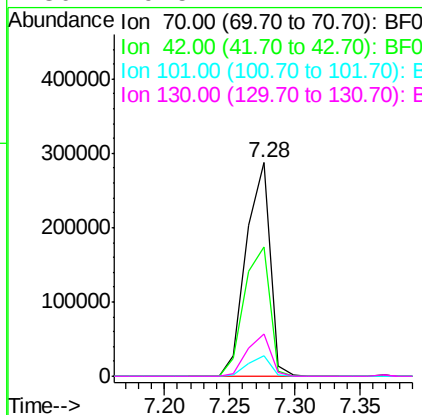
#19
n-Nitroso-di-n-propylamine
Concen: 48.68 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Instrument :
BNA_F
ClientSampleId :
SP3870-SPK

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	367130		
42	60.6	49.4	74.0	
101	9.4	7.4	11.2	
130	19.5	14.2	21.4	

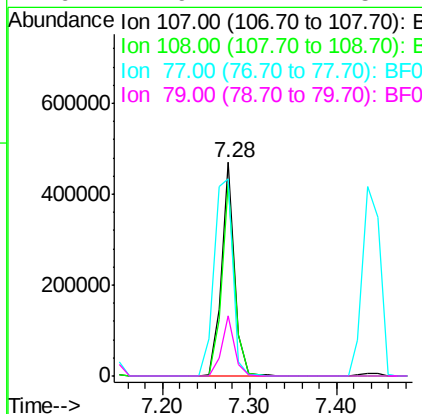
Manual Integrations
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#20
3+4-Methylphenols
Concen: 47.51 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	495051		
108	89.8	73.0	113.0	
77	92.3	71.3	111.3	
79	27.9	11.1	51.1	





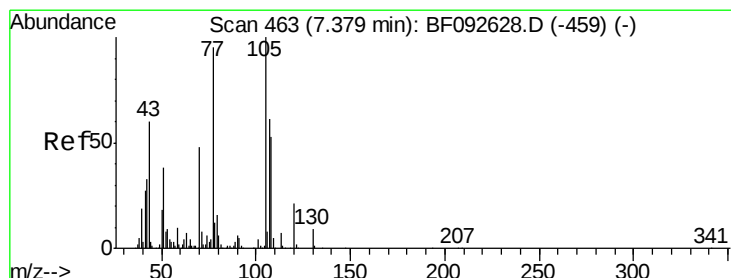
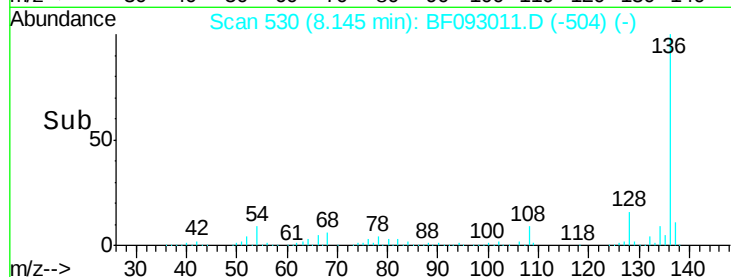
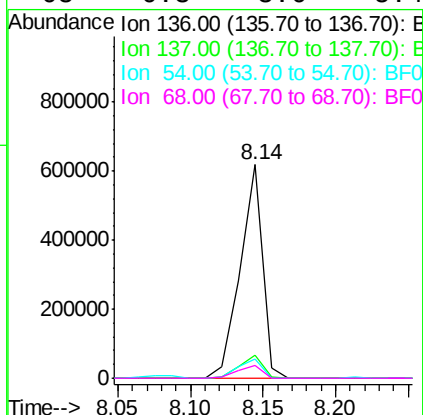
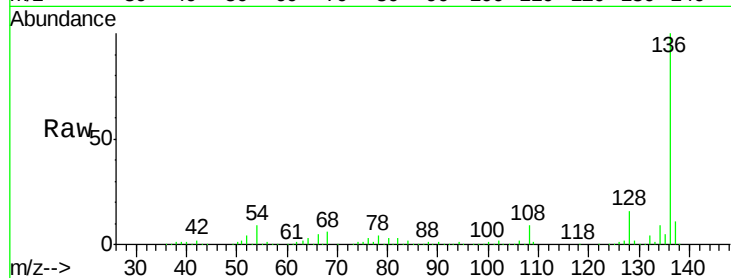
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Instrument :
BNA_F
ClientSampleId :
SP3870-SPK

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	661641		
137	10.9	8.4	12.6	
54	8.7	4.5	6.7#	
68	6.3	3.6	5.4#	

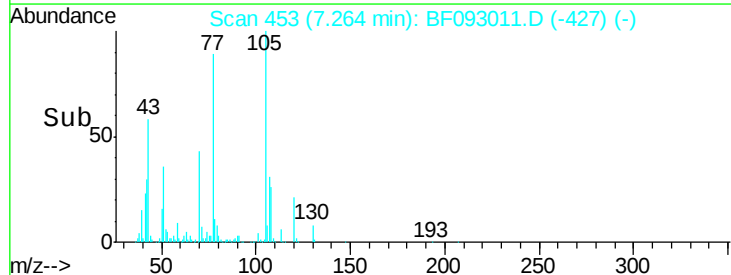
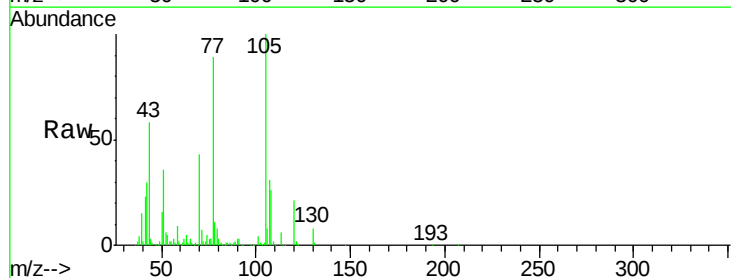
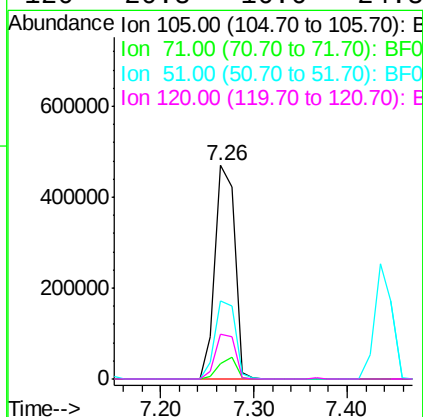
Manual Integrations
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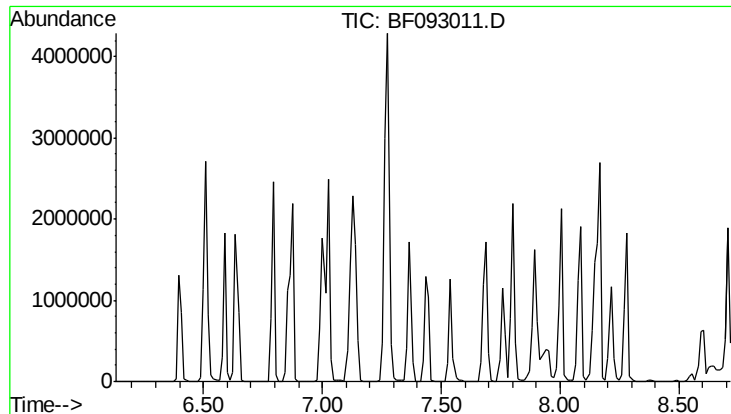
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#22
Acetophenone
Concen: 45.63 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	689301		
71	7.2	3.2	4.8#	
51	36.4	26.2	39.4	
120	20.8	16.6	24.8	





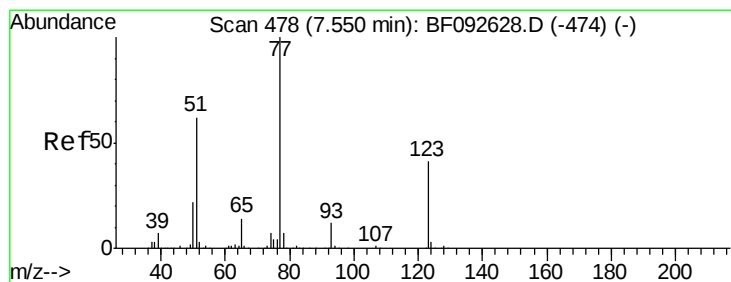
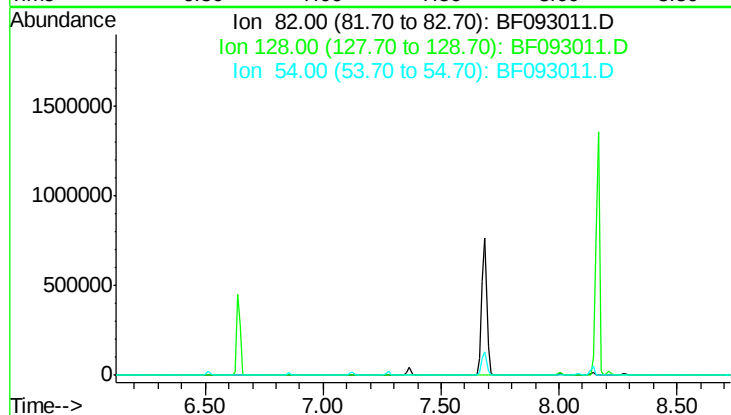
#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.42 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP3870-SPK

Tgt Ion	Exp Ratio
82	100
128	43.3
54	49.4

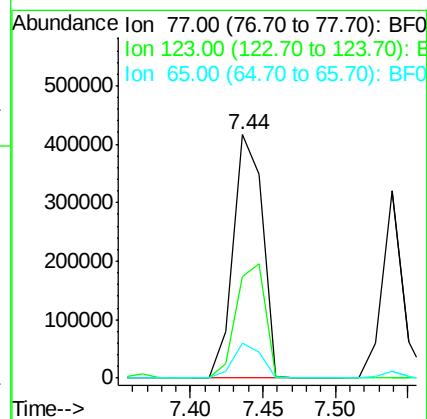
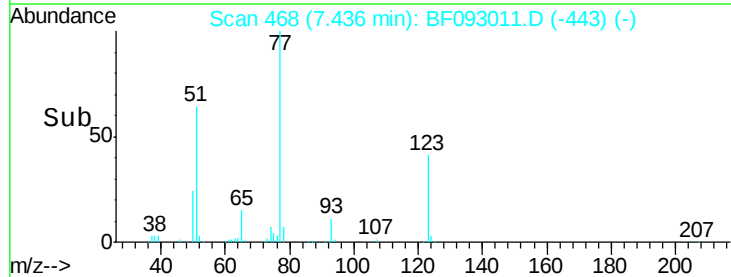
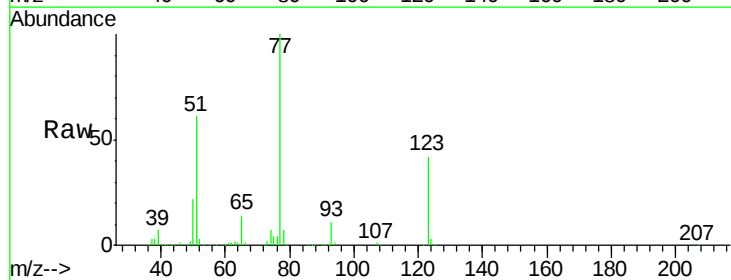
Manual Integrations
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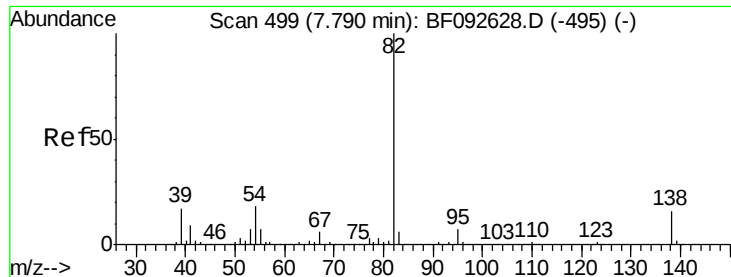
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#24
 Nitrobenzene
 Concen: 47.67 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.9	33.0	49.4
65	14.2	11.2	16.8





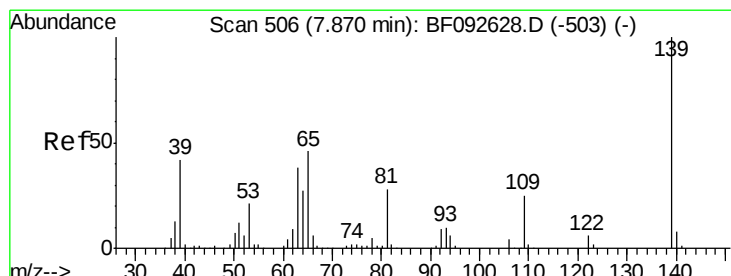
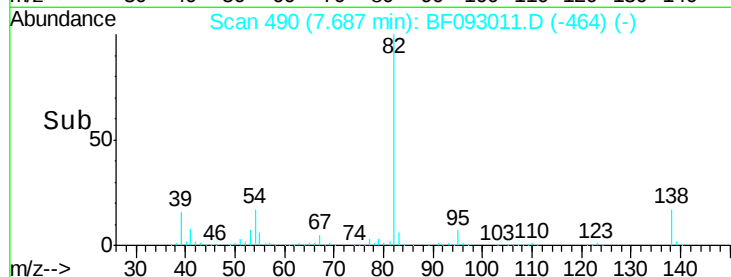
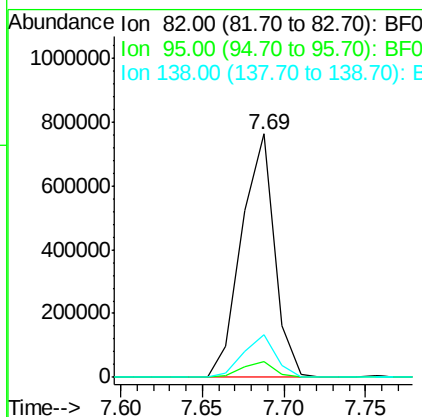
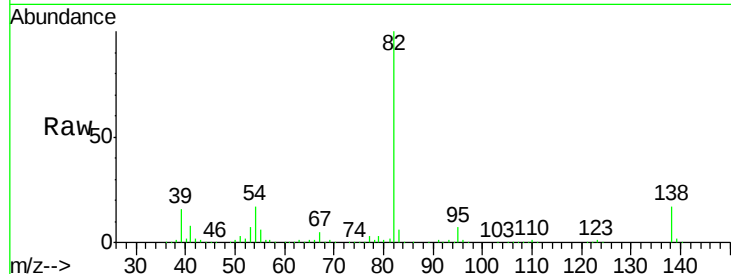
#25
Isophorone
Concen: 48.15 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Instrument :
BNA_F
ClientSampleId :
SP3870-SPK

Tgt Ion: 82 Resp: 1065968
Ion Ratio Lower Upper
82 100
95 6.6 5.6 8.4
138 17.4 14.6 22.0

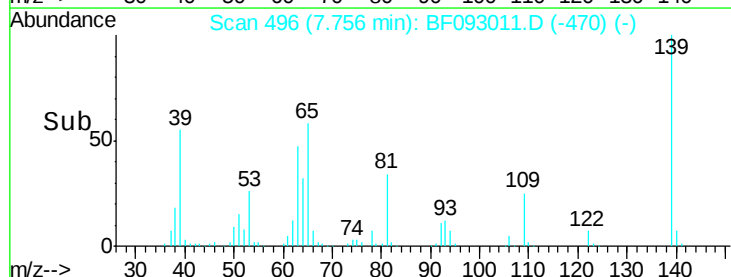
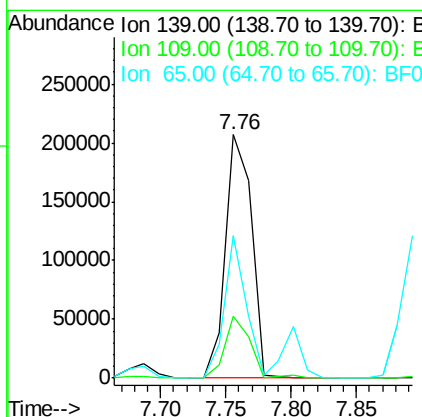
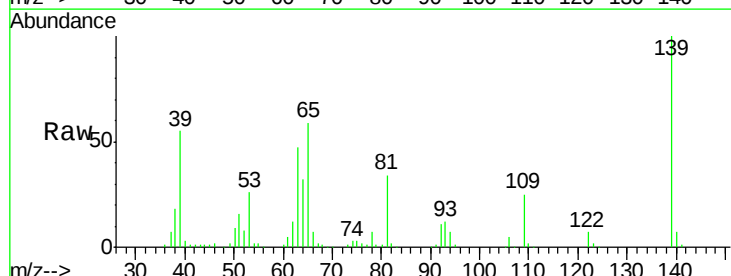
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#26
2-Nitrophenol
Concen: 49.42 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion: 139 Resp: 286605
Ion Ratio Lower Upper
139 100
109 25.4 23.3 34.9
65 58.7 42.7 64.1





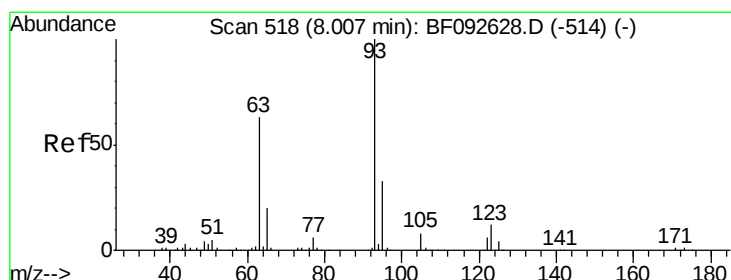
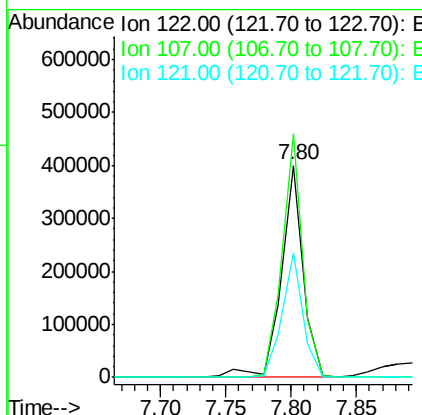
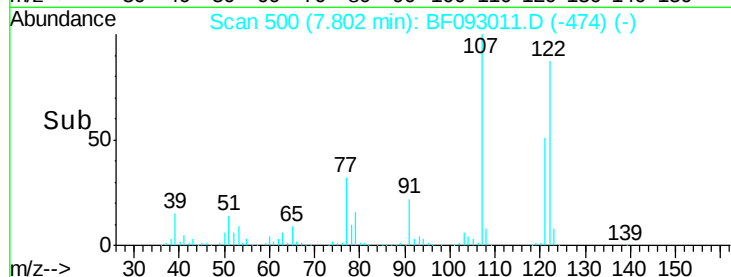
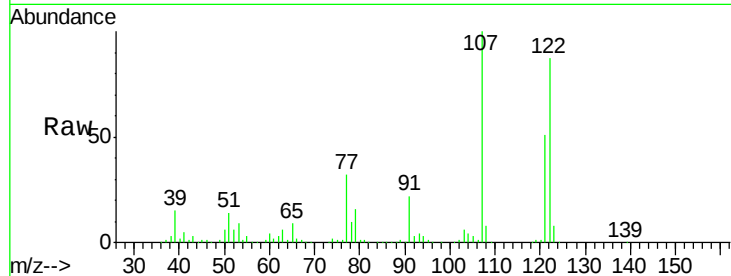
#27
2,4-Dimethylphenol
Concen: 46.10 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Instrument :
BNA_F
ClientSampleId :
SP3870-SPK

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	469493		
107	114.9	94.1	141.1	
121	58.8	46.0	69.0	

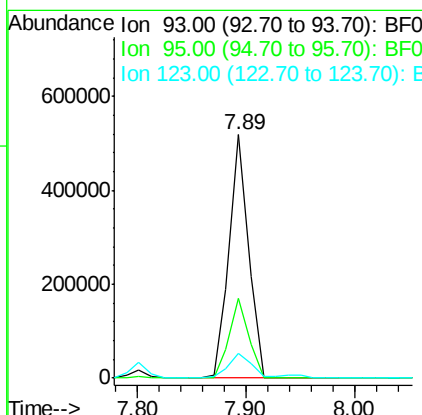
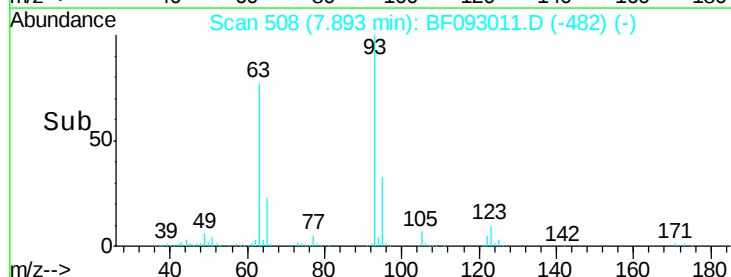
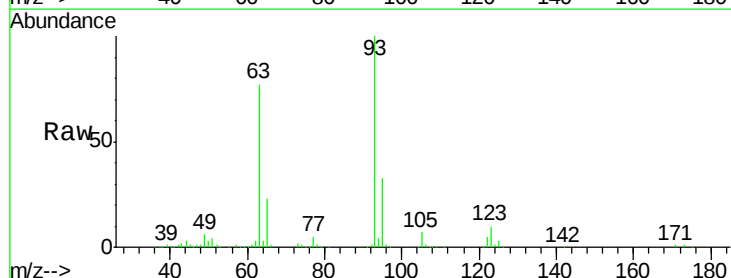
Manual Integrations
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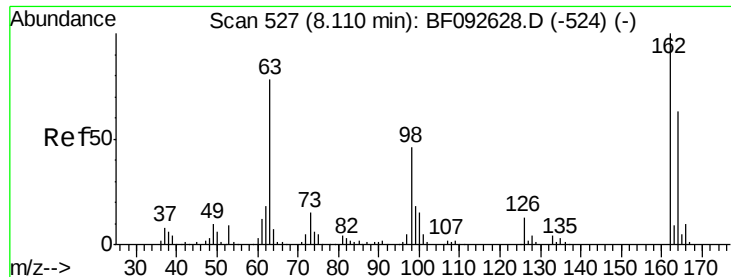
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#28
bis(2-Chloroethoxy)methane
Concen: 43.74 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	641431		
95	32.6	26.5	39.7	
123	10.0	8.6	13.0	





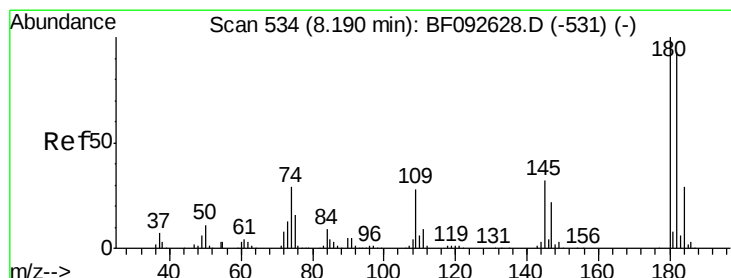
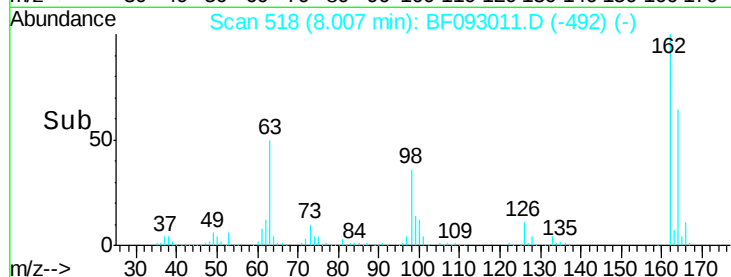
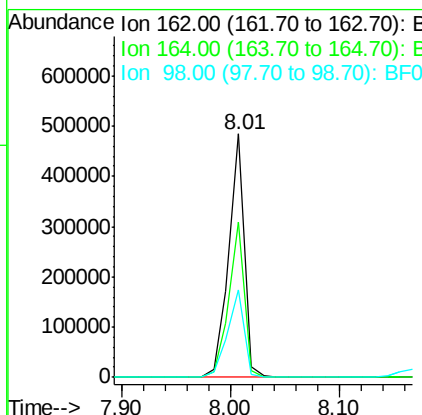
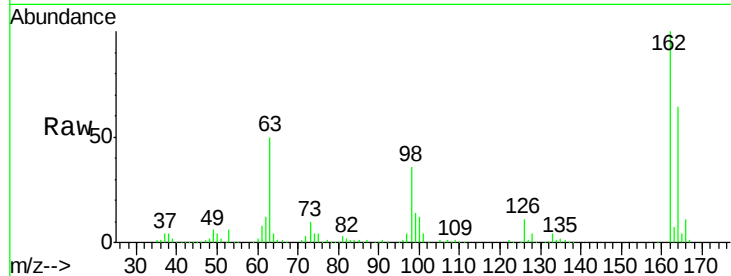
#29
2,4-Dichlorophenol
Concen: 50.52 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Instrument :
BNA_F
ClientSampleId :
SP3870-SPK

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	479884		
164	64.0	46.8	86.8	
98	36.0	9.1	49.1	

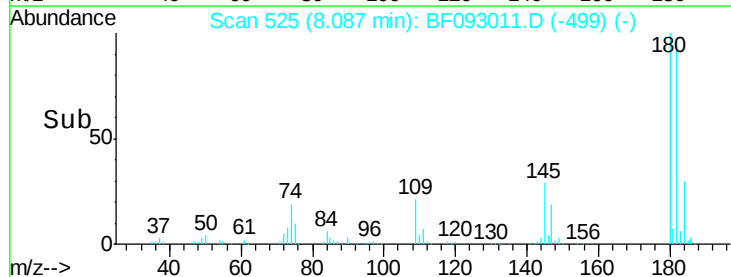
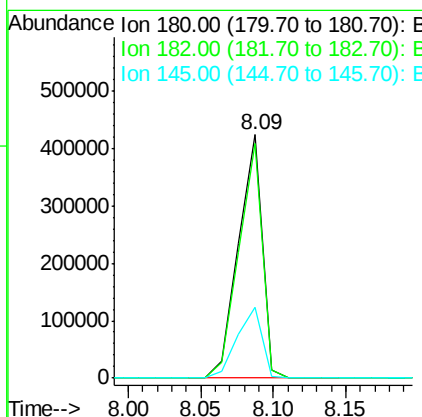
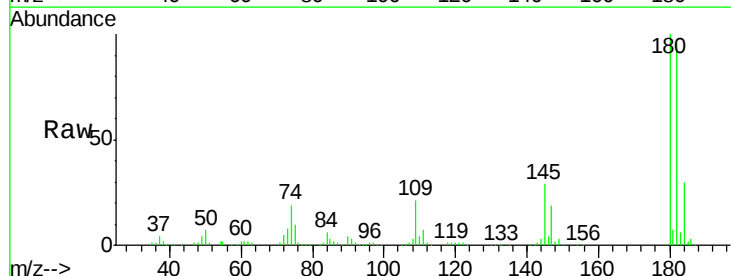
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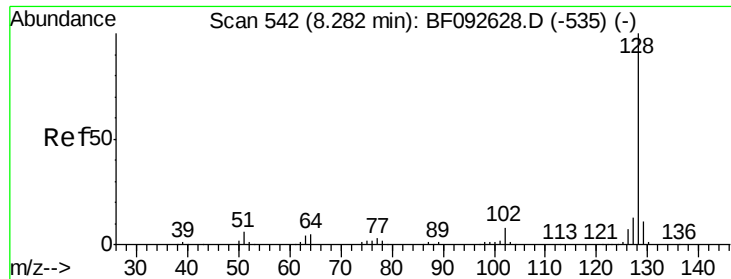
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 47.14 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	482562		
182	96.4	78.2	117.4	
145	28.9	21.6	32.4	





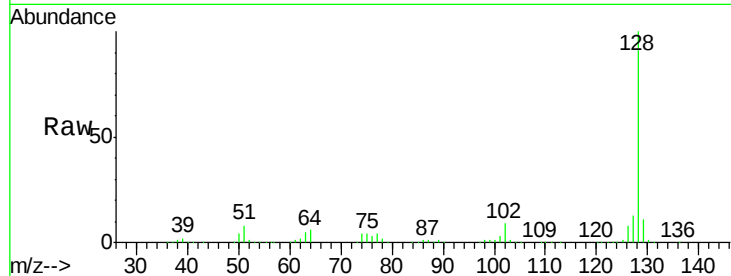
#31
Naphthalene
Concen: 45.93 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Instrument :
BNA_F
ClientSampleId :
SP3870-SPK

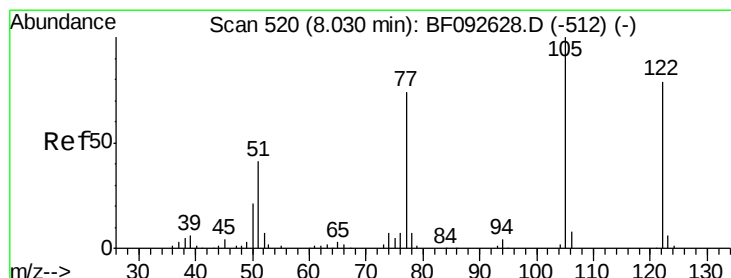
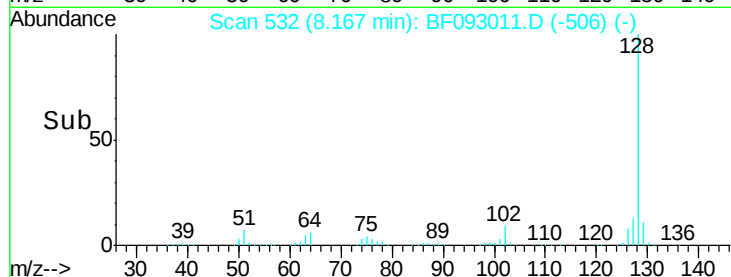
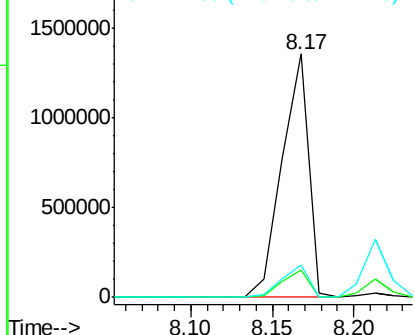
Tgt Ion:128 Resp: 1540466
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.4 10.8 16.2

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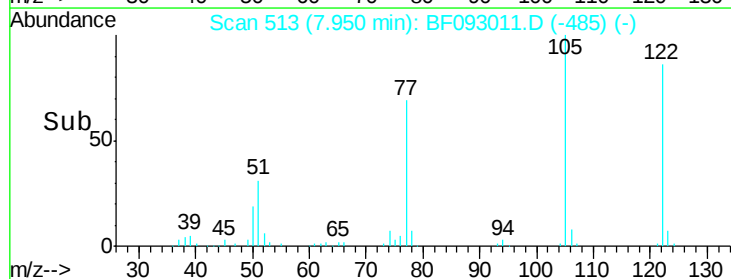
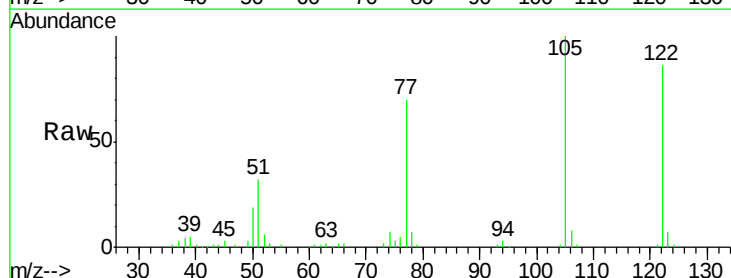
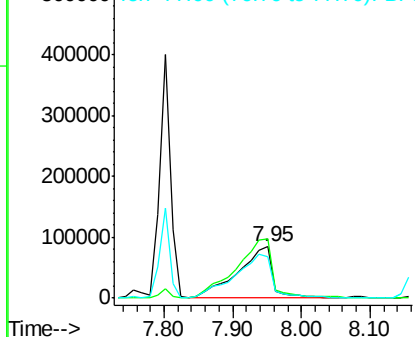
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 49.65 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.02 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion:122 Resp: 288165
Ion Ratio Lower Upper
122 100
105 116.3 107.2 147.2
77 81.3 74.5 114.5

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





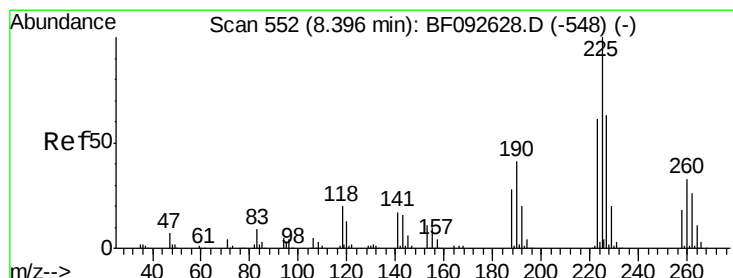
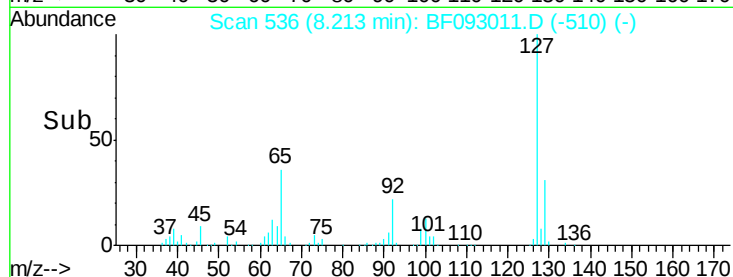
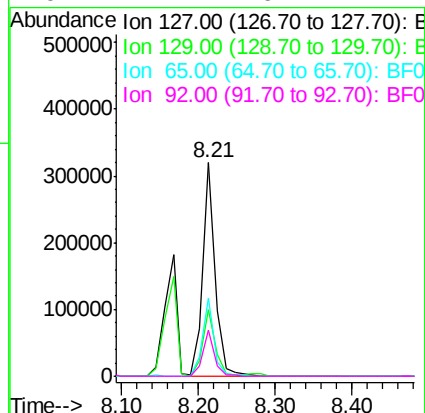
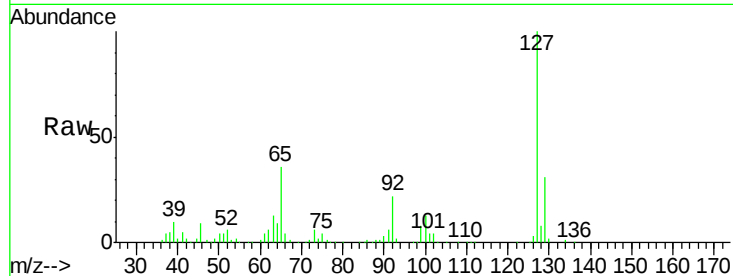
#33
4-Chloroaniline
Concen: 26.89 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Instrument :
BNA_F
ClientSampleId :
SP3870-SPK

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	353683		
129	31.4	26.3	39.5	
65	36.5	25.8	38.8	
92	21.7	16.1	24.1	

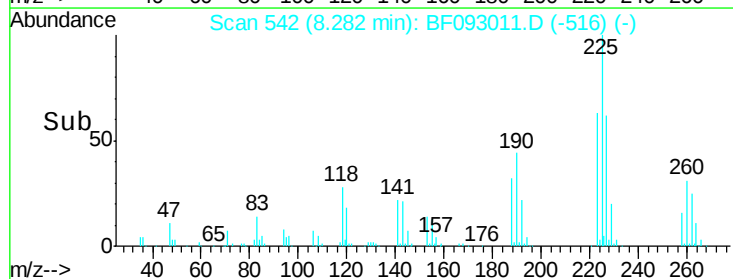
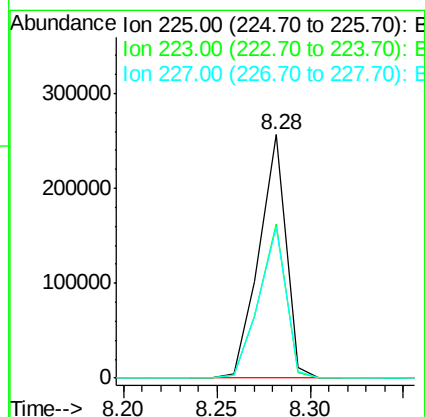
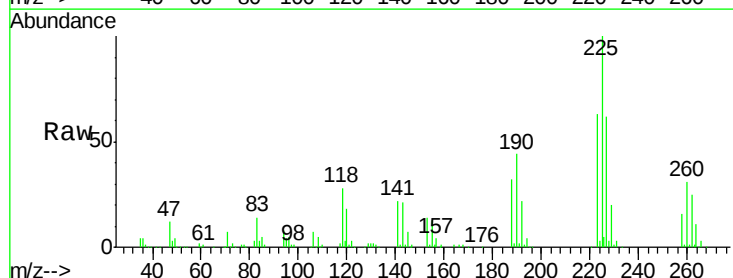
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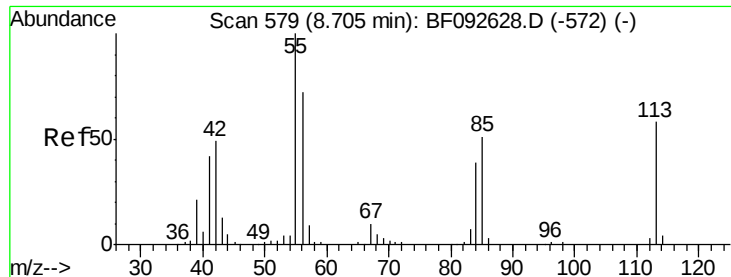
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#34
Hexachlorobutadiene
Concen: 45.40 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	255714		
223	63.2	51.0	76.6	
227	62.0	50.6	76.0	





#35

Caprolactam

Concen: 54.97 ng m

RT: 8.60 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Instrument :

BNA_F

ClientSampleId :

SP3870-SPK

Tgt Ion:113 Resp: 164259
Ion Ratio Lower Upper

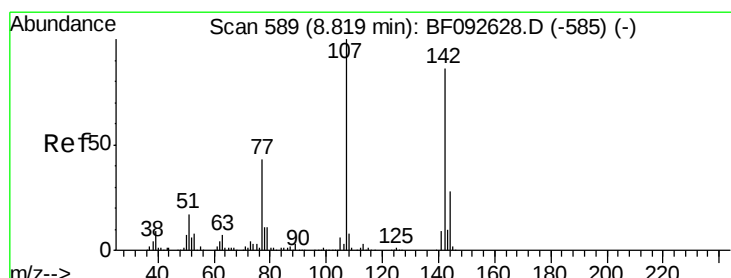
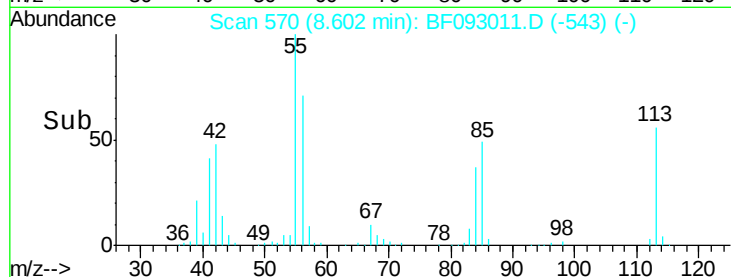
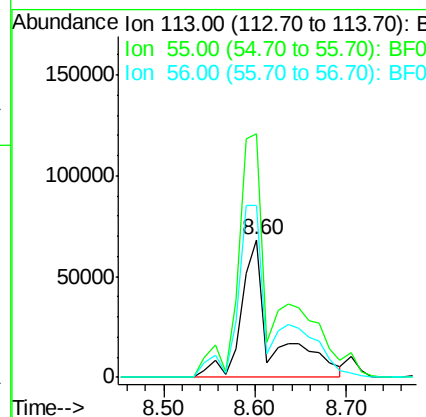
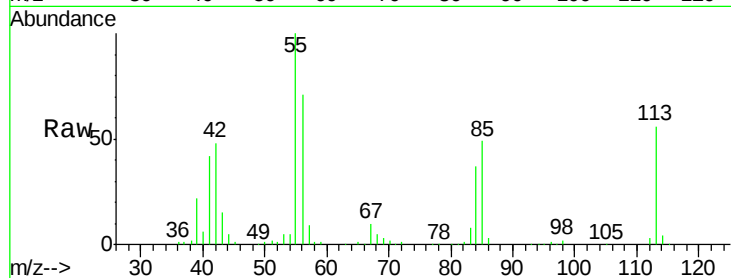
113 100

55 177.2 119.2 159.2#

56 125.0 83.8 123.8#

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#36

4-Chloro-3-methylphenol

Concen: 45.49 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF093011.D

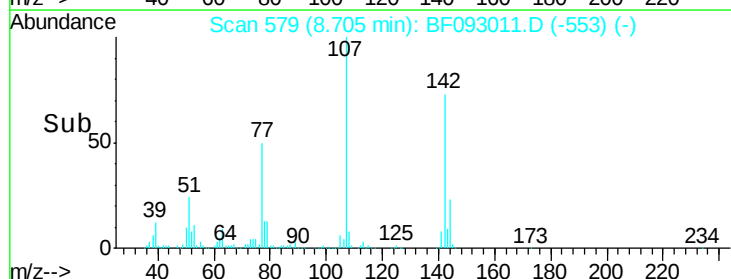
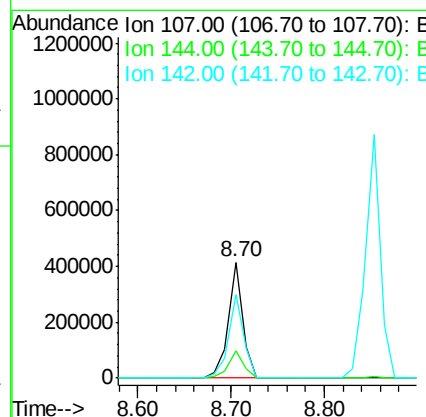
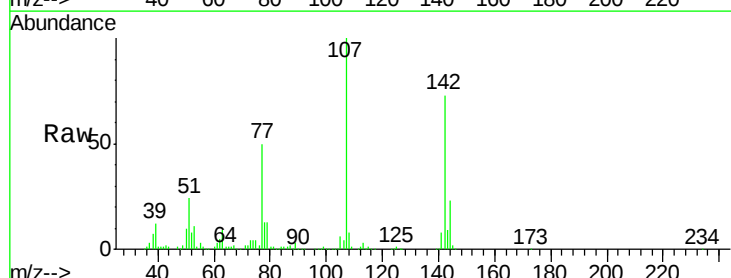
Acq: 17 Feb 2017 15:36

Tgt Ion:107 Resp: 450539
Ion Ratio Lower Upper

107 100

144 23.3 19.3 28.9

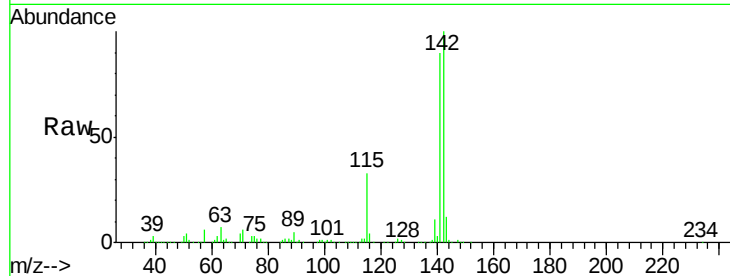
142 72.5 59.0 88.6





#37
 2-Methylnaphthalene
 Concen: 44.87 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

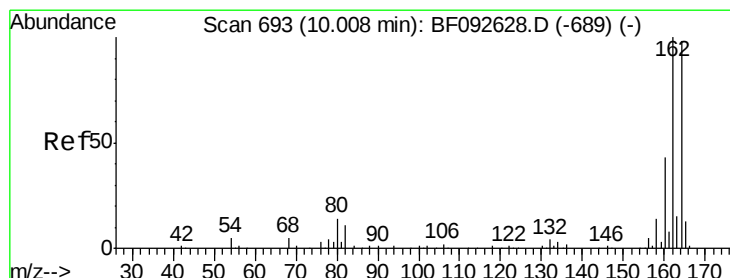
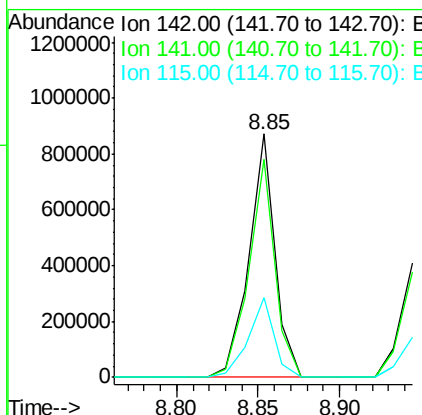
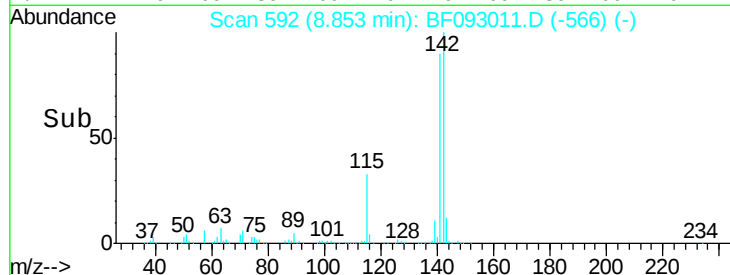
Instrument :
 BNA_F
 ClientSampleId :
 SP3870-SPK



Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	32.9	28.3	42.5

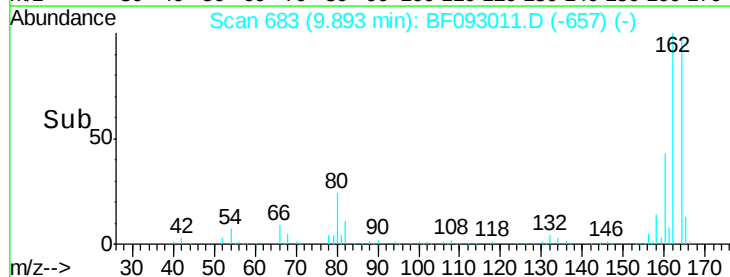
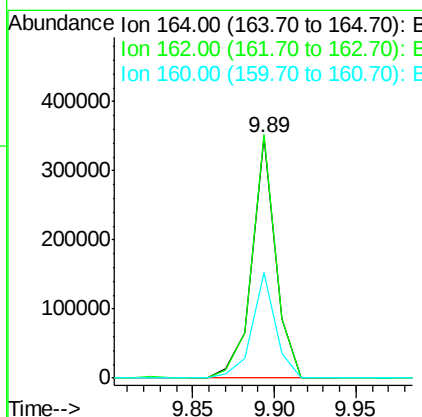
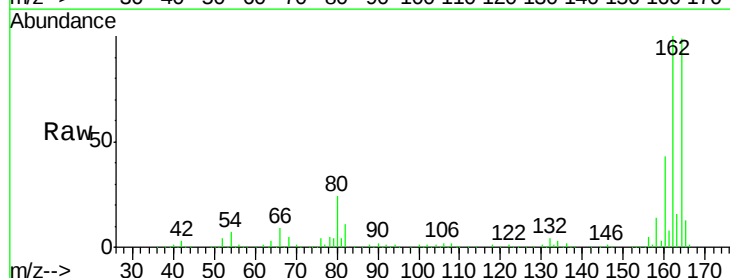
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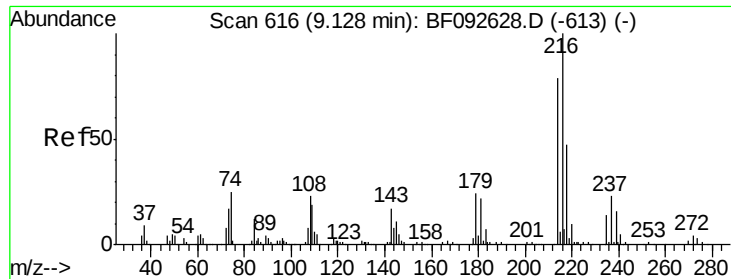
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.2
160	43.6	36.9	55.3





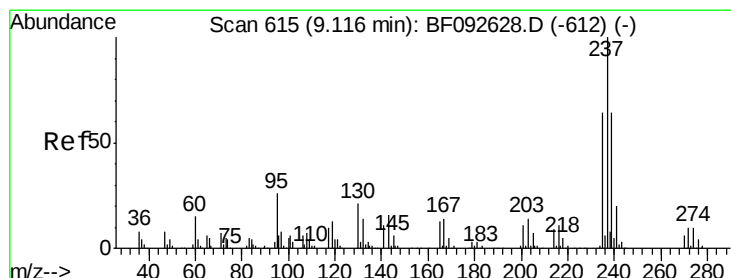
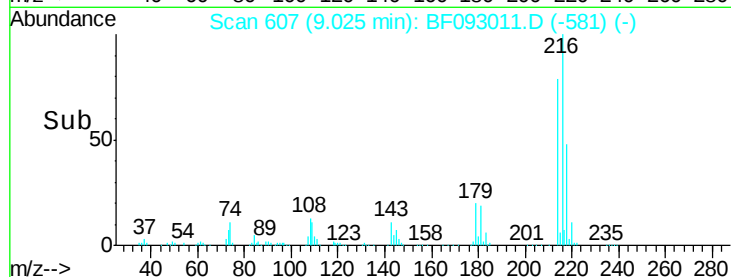
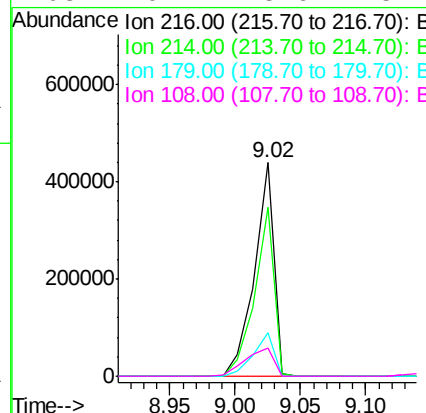
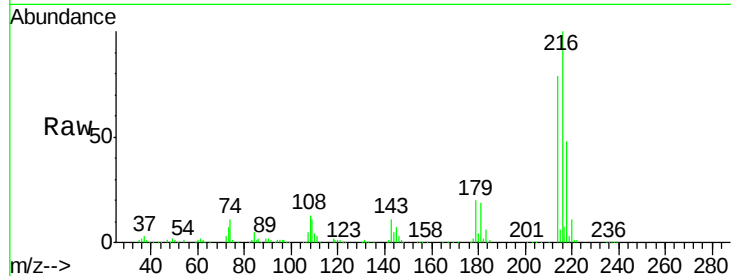
#39
1,2,4,5-Tetrachlorobenzene
Concen: 46.51 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Instrument :
BNA_F
ClientSampleId :
SP3870-SPK

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	459882		
214	79.0	63.4	95.0	
179	21.2	17.4	26.2	
108	19.1	15.6	23.4	

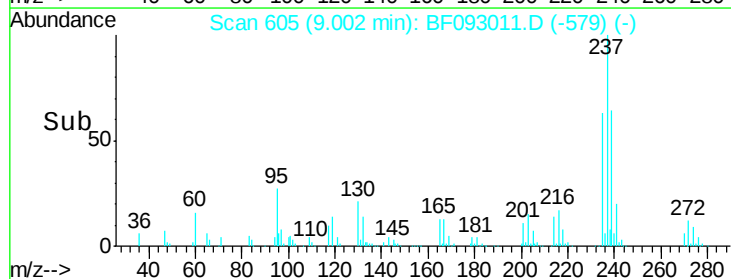
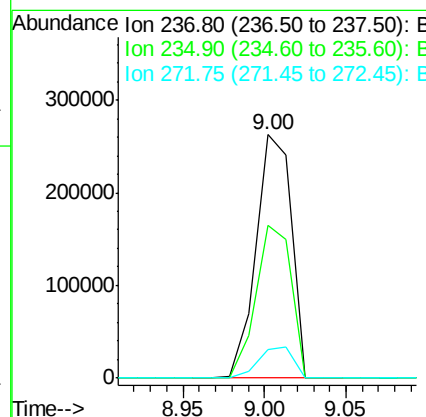
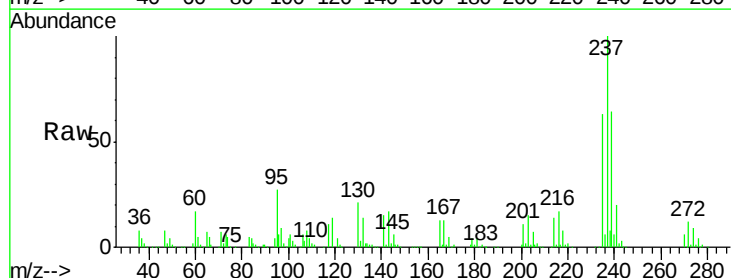
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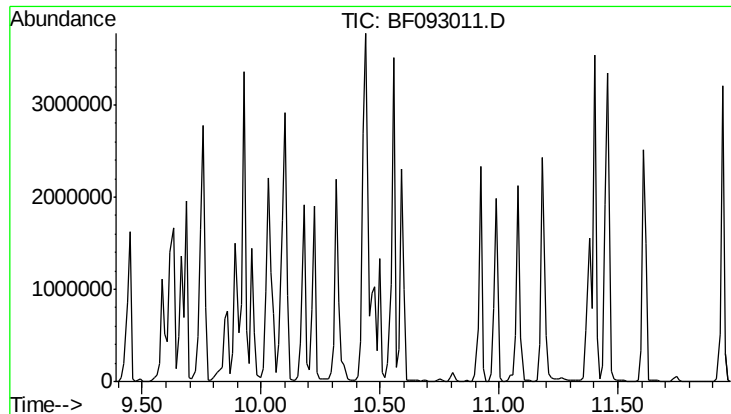
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#40
Hexachlorocyclopentadiene
Concen: 88.47 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	394662		
235	62.5	41.2	81.2	
272	11.9	0.0	35.4	





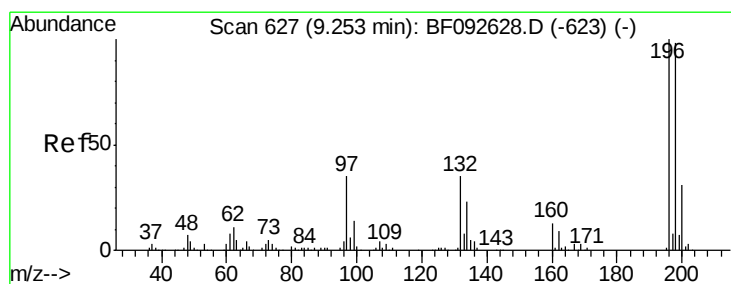
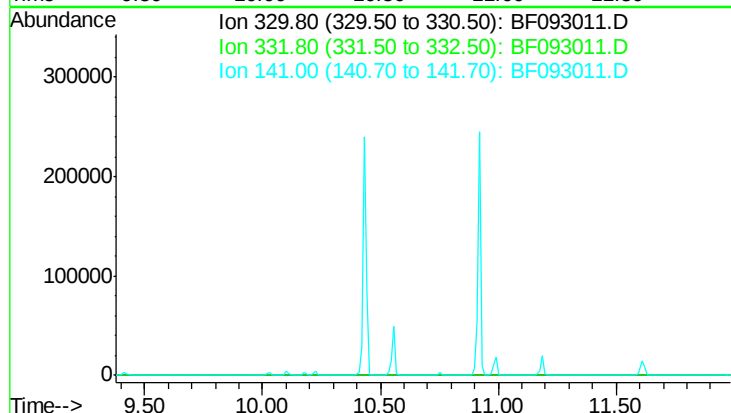
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.68 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP3870-SPK

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.8
 141 42.6

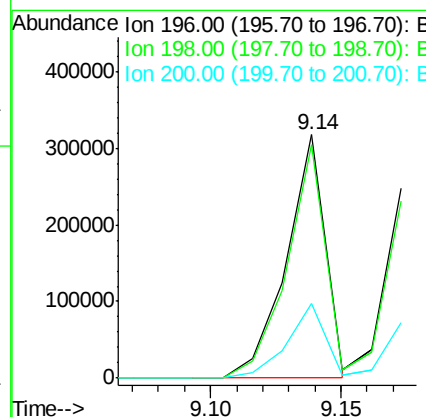
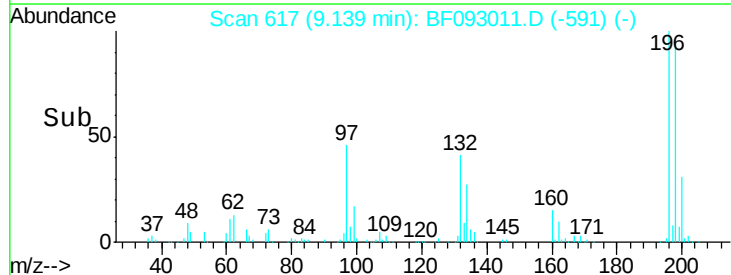
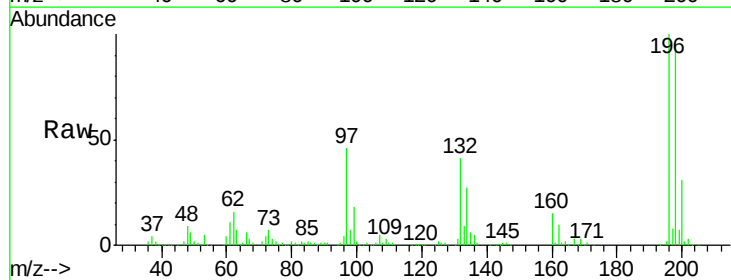
Manual Integrations
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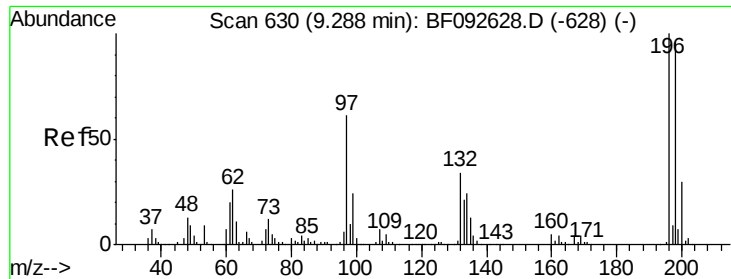
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#42
 2,4,6-Trichlorophenol
 Concen: 50.47 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Tgt Ion: 196 Resp: 327866
 Ion Ratio Lower Upper
 196 100
 198 95.8 82.1 123.1
 200 30.8 27.0 40.4





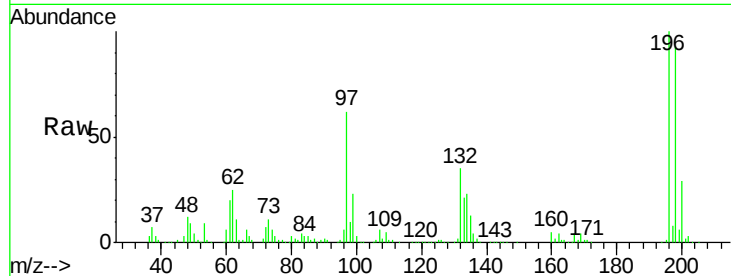
#43
 2,4,5-Trichlorophenol
 Concen: 44.99 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP3870-SPK

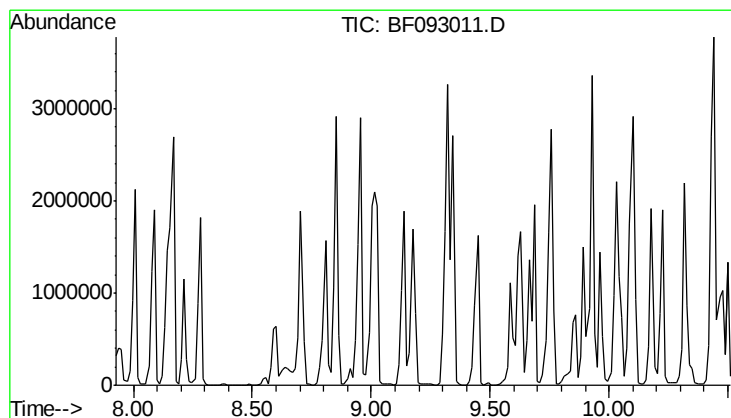
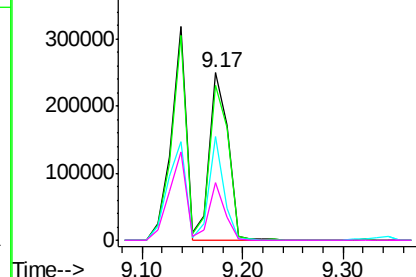
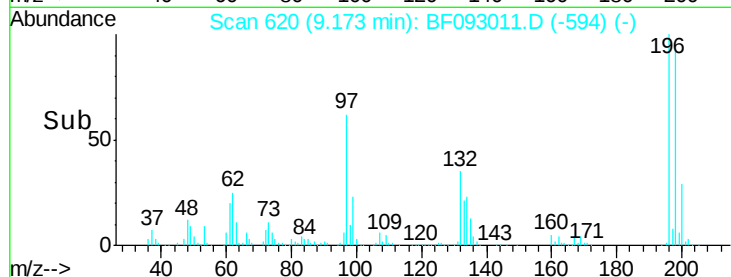
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	320223		
198	92.9	79.4	119.2	
97	61.9	51.5	77.3	
132	34.7	27.4	41.2	

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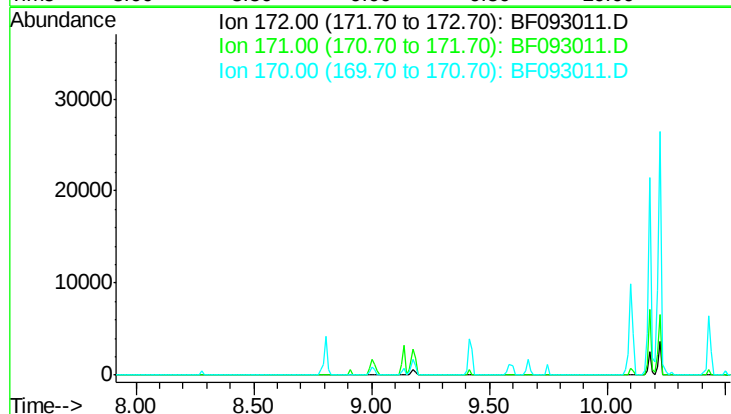
Abundance Ion 196.00 (195.70 to 196.70): E
 500000
 Ion 198.00 (197.70 to 198.70): E
 400000
 Ion 97.00 (96.70 to 97.70): BF0
 300000
 Ion 132.00 (131.70 to 132.70): E
 200000
 100000
 0

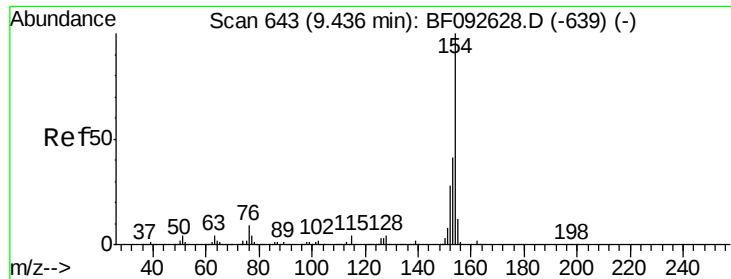


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.22 min

Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Tgt Ion	Sig	Exp Ratio
172	100	
171	36.7	
170	25.3	





#45

1,1'-Biphenyl

Concen: 49.76 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Instrument :

BNA_F

ClientSampleId :

SP3870-SPK

Tgt Ion:154 Resp: 1269056

Ion Ratio Lower Upper

154 100

153 41.1 20.9 60.9

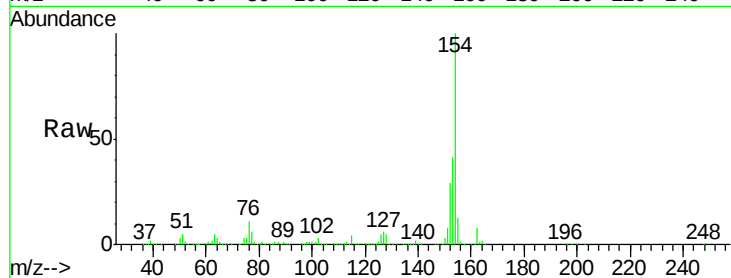
76 10.9 0.0 30.5

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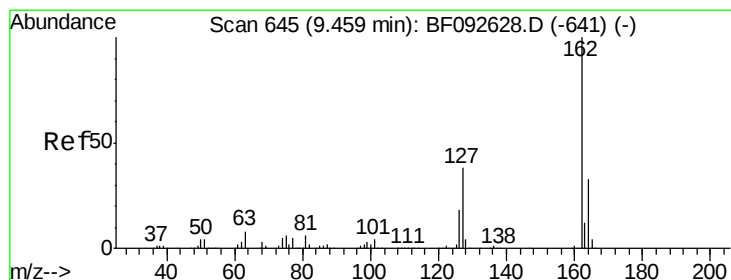
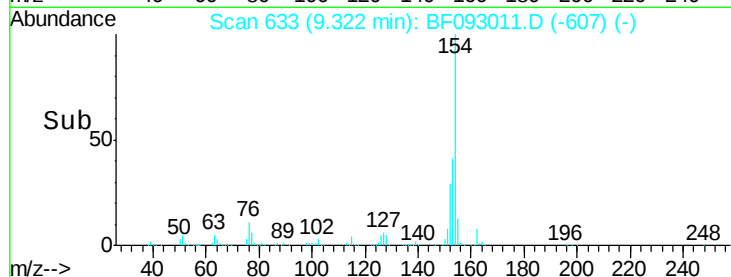
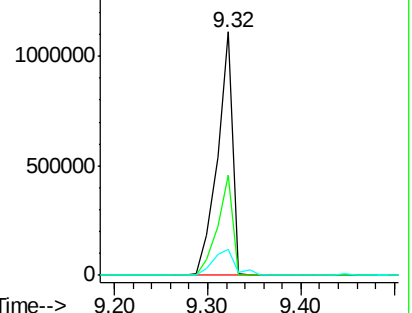
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 48.95 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

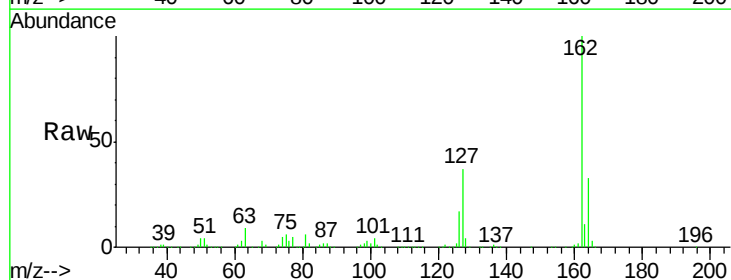
Tgt Ion:162 Resp: 976699

Ion Ratio Lower Upper

162 100

127 37.4 30.7 46.1

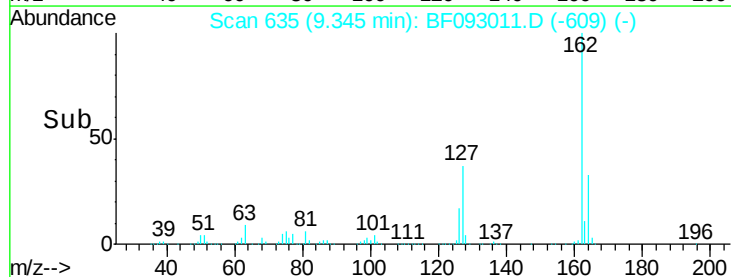
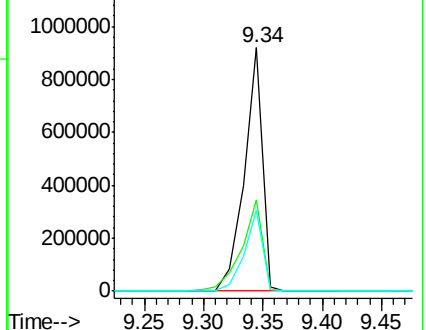
164 33.4 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





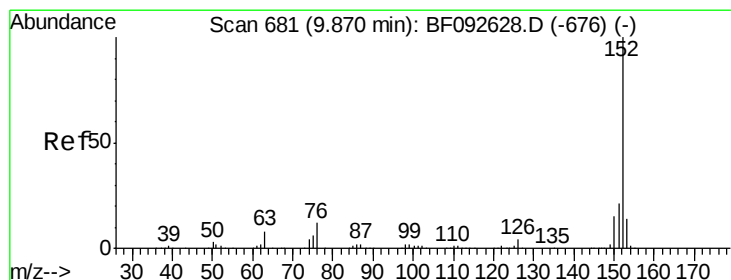
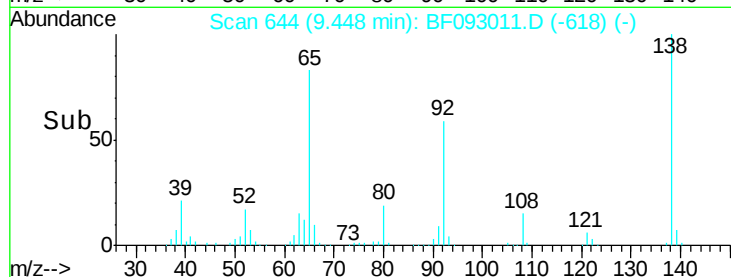
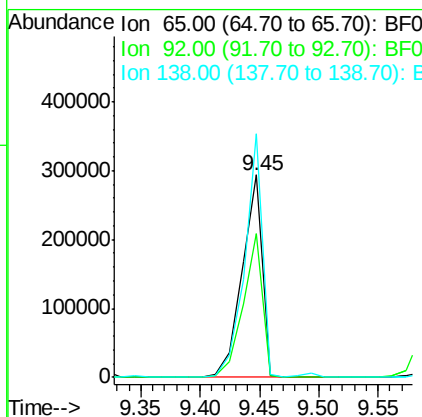
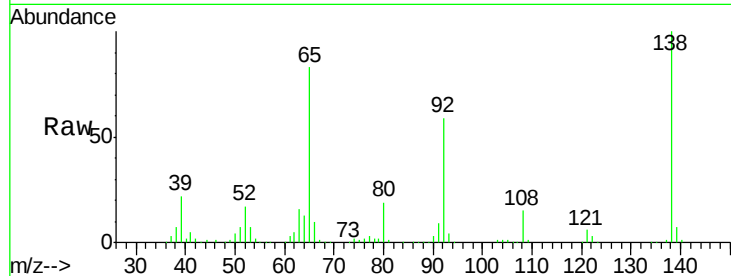
#47
2-Nitroaniline
Concen: 51.82 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Instrument :
BNA_F
ClientSampleId :
SP3870-SPK

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	53.9	80.9
138	120.3	76.8	115.2

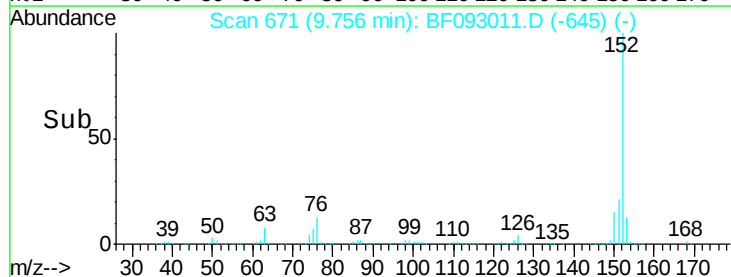
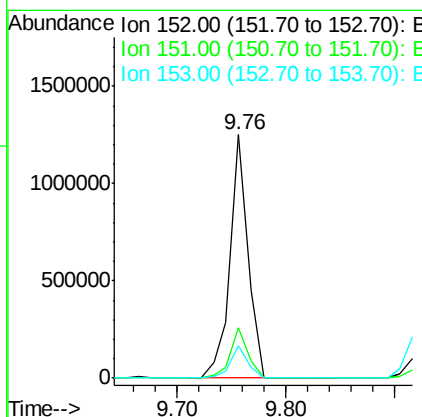
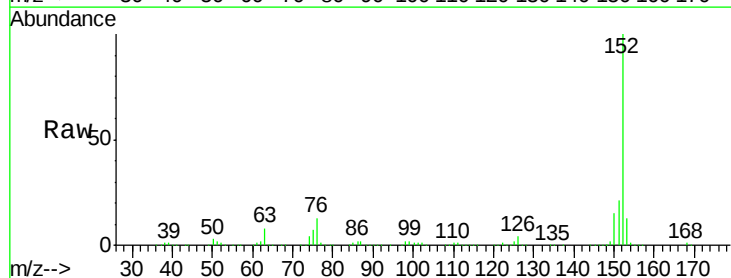
Manual Integrations
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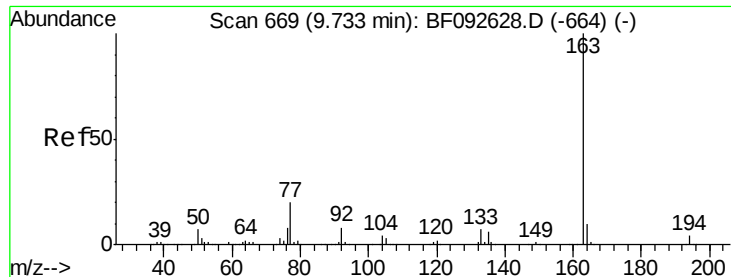
mohammad
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#48
Acenaphthylene
Concen: 41.23 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	13.3	11.4	17.2





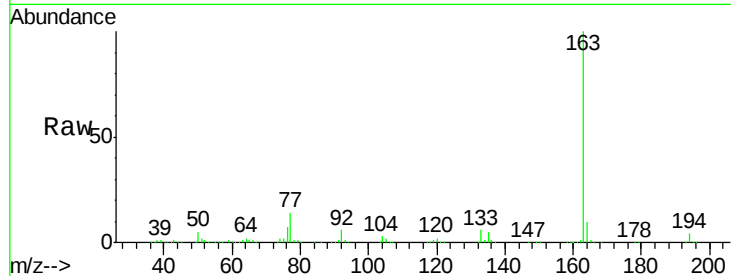
#49
Dimethylphthalate
Concen: 50.06 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Instrument :
BNA_F
ClientSampleId :
SP3870-SPK

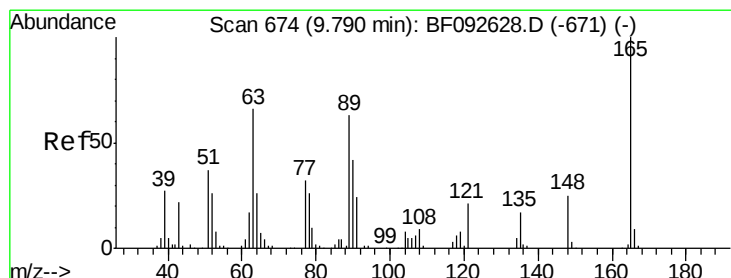
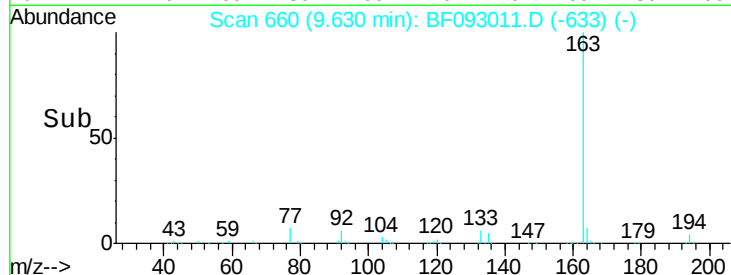
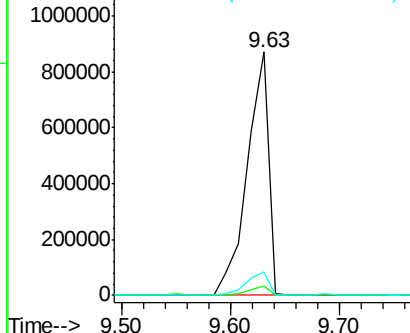
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.8	8.0	12.0

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2/20/2017 12:59:41 PM

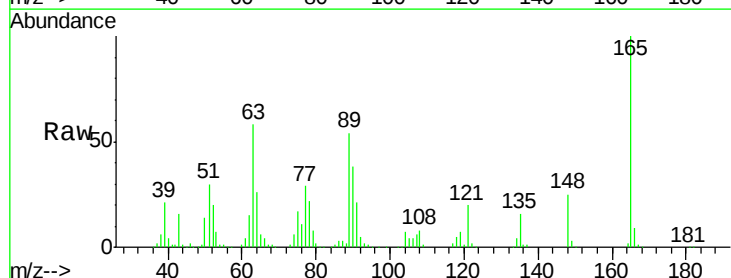


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

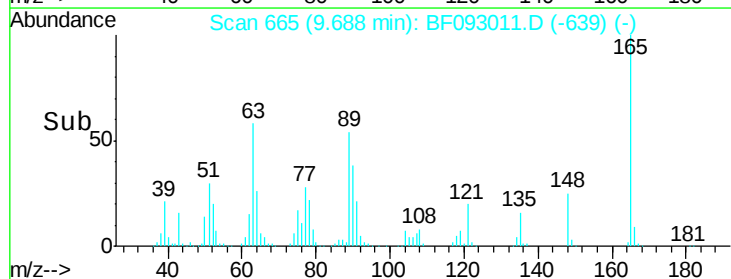
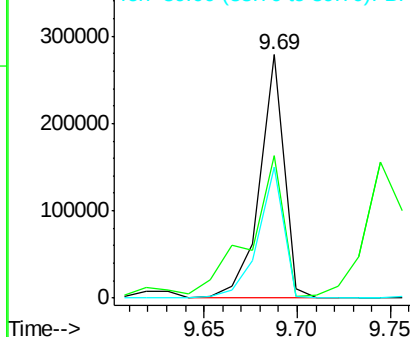


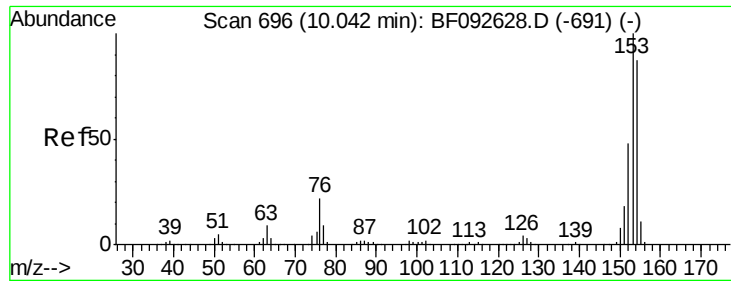
#50
2,6-Dinitrotoluene
Concen: 49.21 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.3	36.2	54.4#
89	53.6	40.2	60.4



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





#51

Acenaphthene

Concen: 45.25 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Instrument :

BNA_F

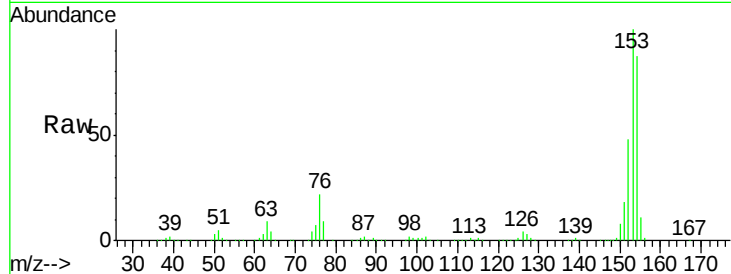
ClientSampleId :

SP3870-SPK

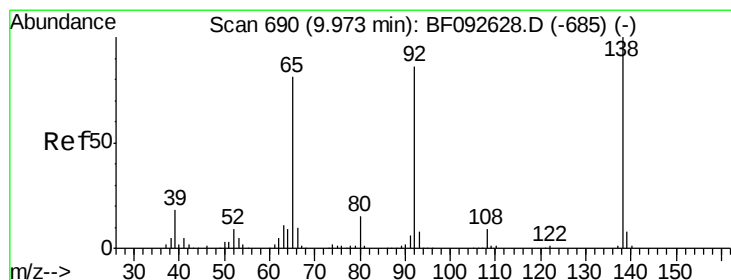
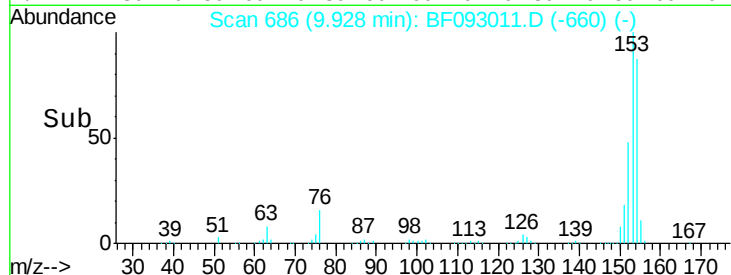
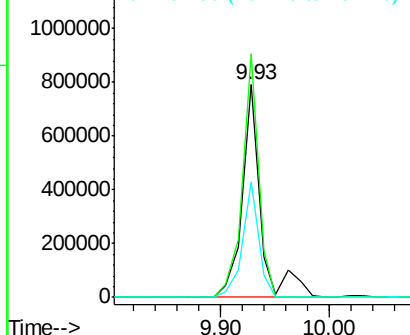
Tgt Ion:	154	Resp:	932436
Ion Ratio	Lower	Upper	
154	100		
153	114.6	88.6	133.0
152	54.6	41.6	62.4

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2/20/2017 12:59:41 PM



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



#52

3-Nitroaniline

Concen: 32.00 ng

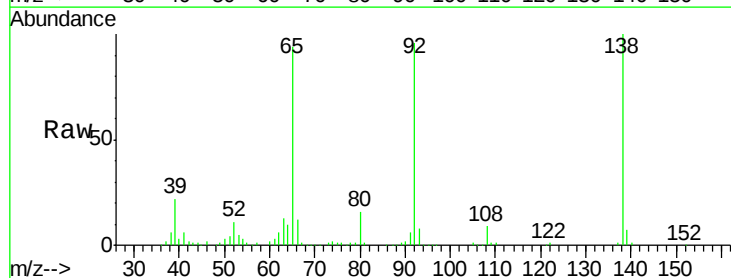
RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

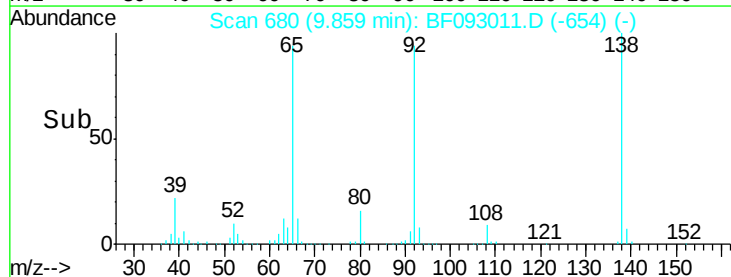
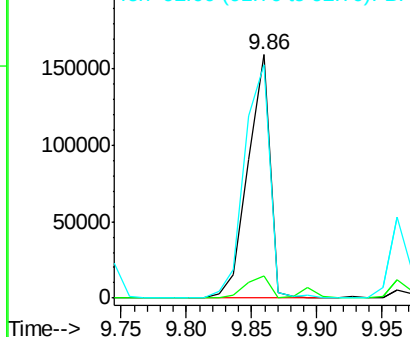
Lab File: BF093011.D

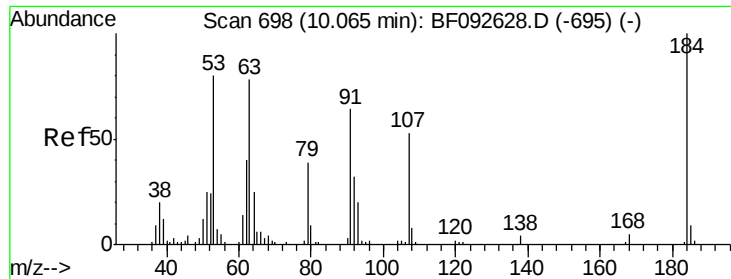
Acq: 17 Feb 2017 15:36

Tgt Ion:	138	Resp:	187612
Ion Ratio	Lower	Upper	
138	100		
108	9.2	8.5	12.7
92	95.7	97.8	146.8#



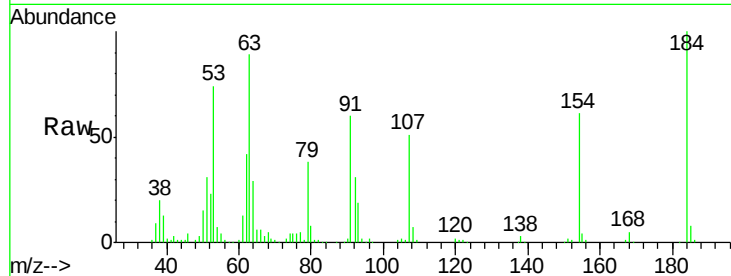
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 87.14 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

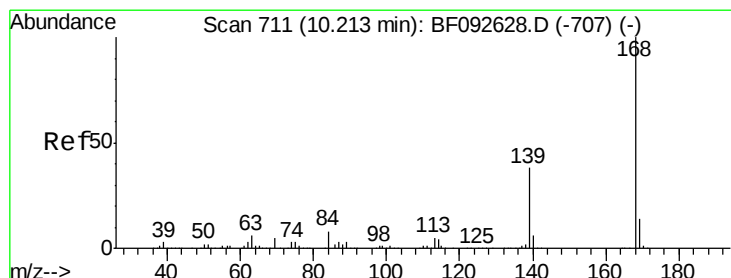
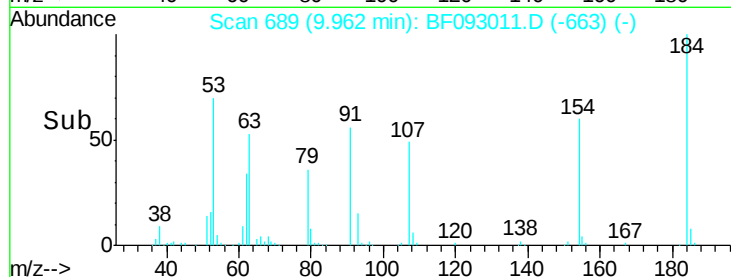
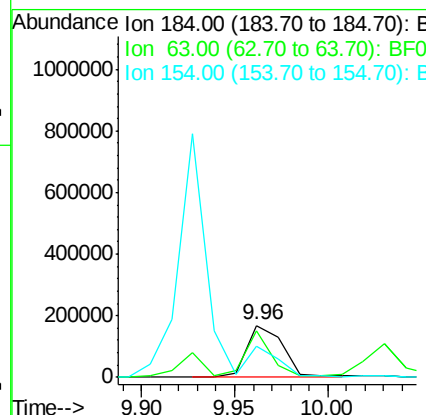
Instrument :
BNA_F
ClientSampleId :
SP3870-SPK



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	228280		
63	89.2	28.4	42.6	
154	60.6	44.3	66.5	

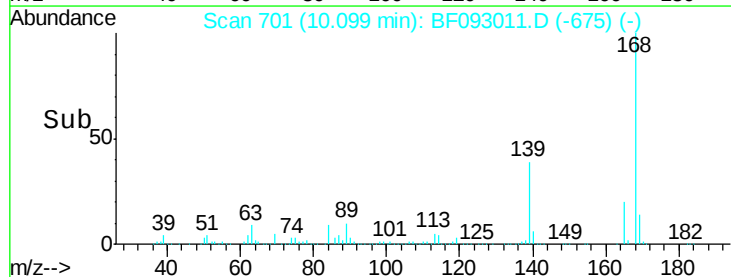
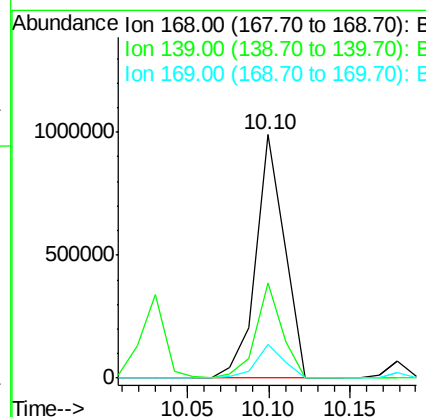
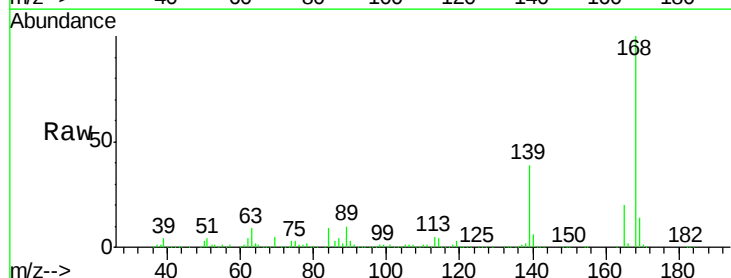
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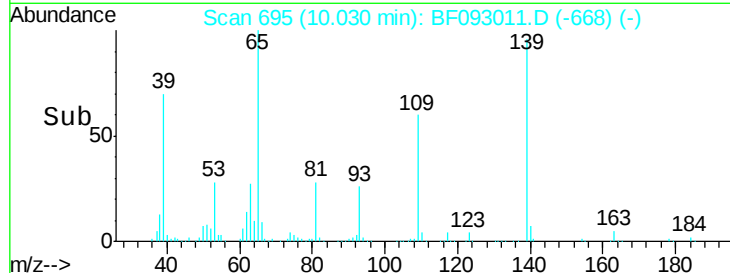
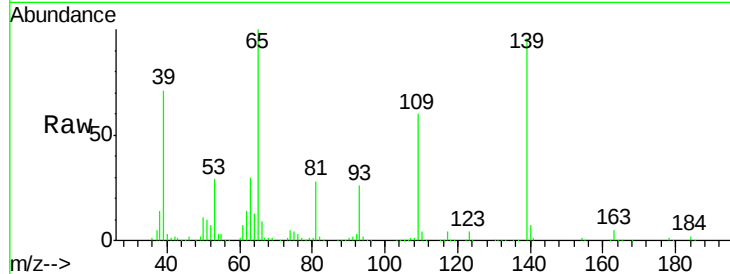
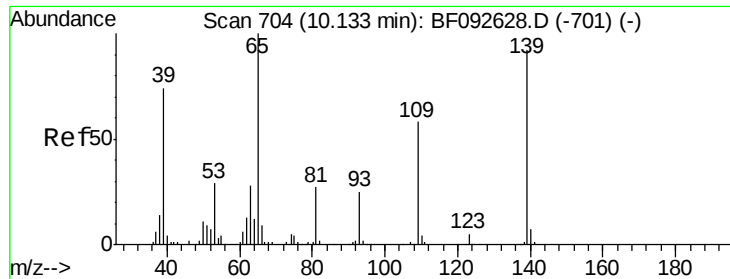
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#54
Dibenzofuran
Concen: 43.77 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1206491		
139	39.1	32.6	49.0	
169	14.0	11.3	16.9	





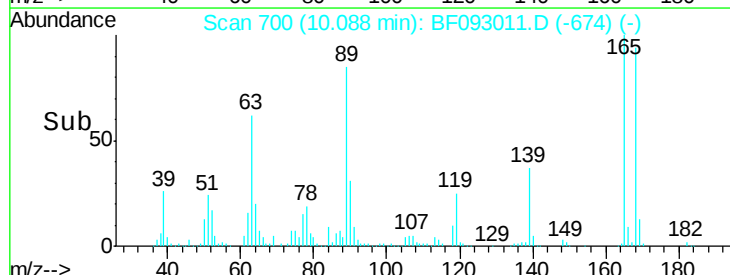
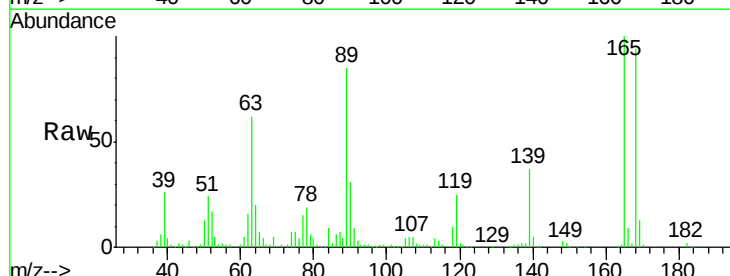
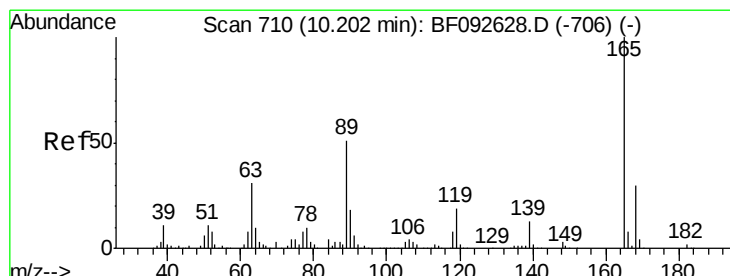
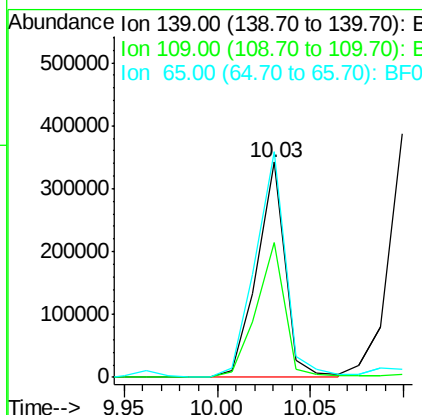
#55
4-Nitrophenol
Concen: 85.16 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion:139 Resp: 359642
Ion Ratio Lower Upper
139 100
109 62.9 52.2 92.2
65 104.6 85.8 125.8

Instrument :
BNA_F
ClientSampleId :
SP3870-SPK

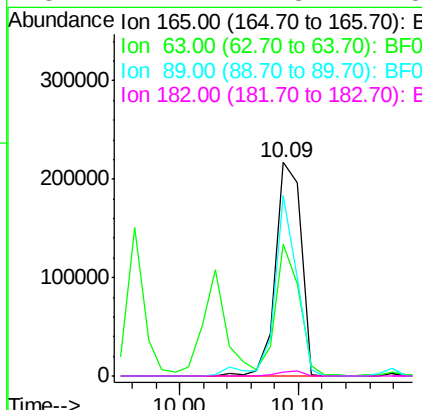
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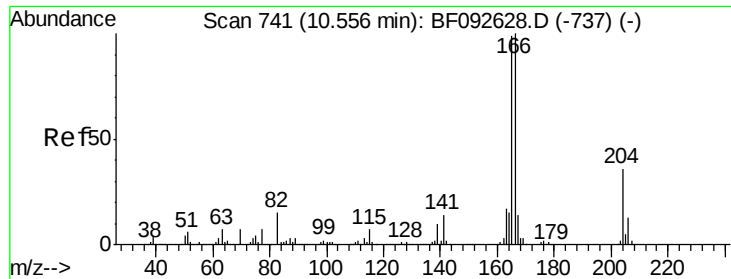
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#56
2,4-Dinitrotoluene
Concen: 46.99 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion:165 Resp: 320519
Ion Ratio Lower Upper
165 100
63 61.8 40.2 60.4#
89 84.7 62.5 93.7
182 2.1 1.8 2.8





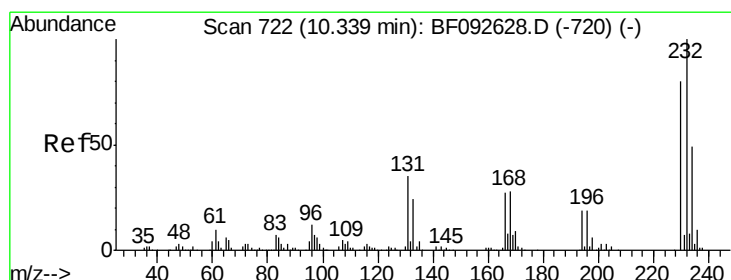
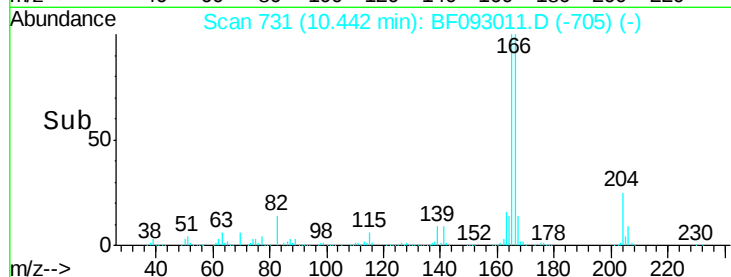
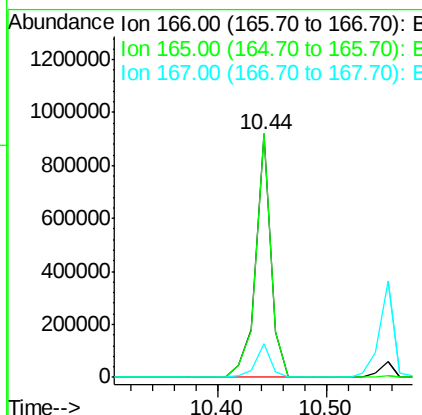
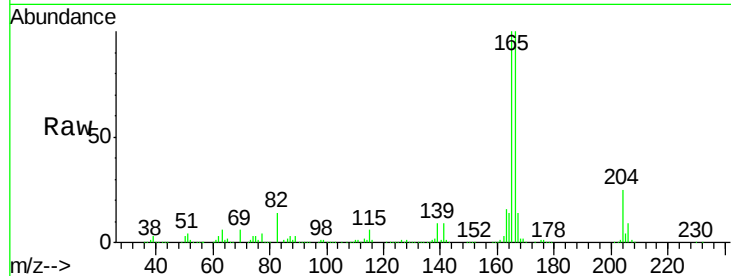
#57
Fluorene
 Concen: 42.71 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP3870-SPK

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	905597		
165	99.8	77.8	116.8	
167	13.9	10.8	16.2	

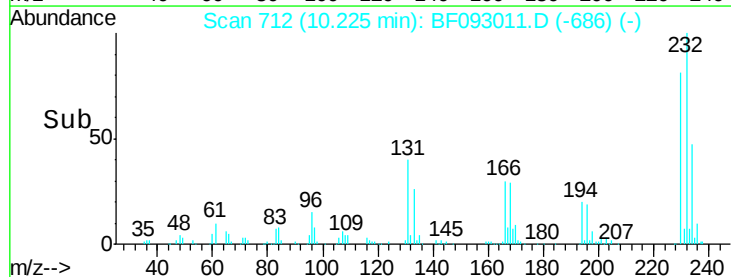
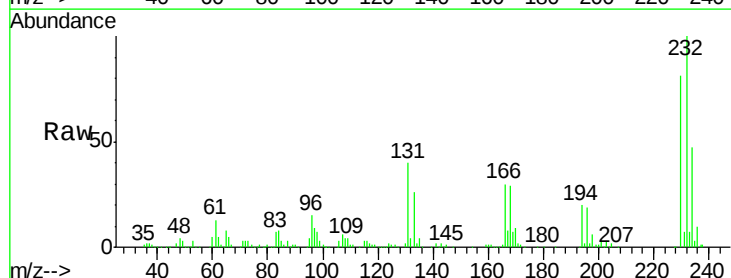
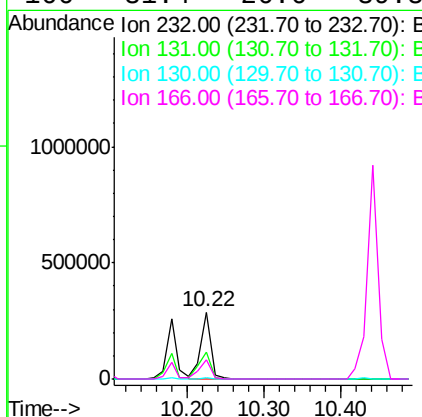
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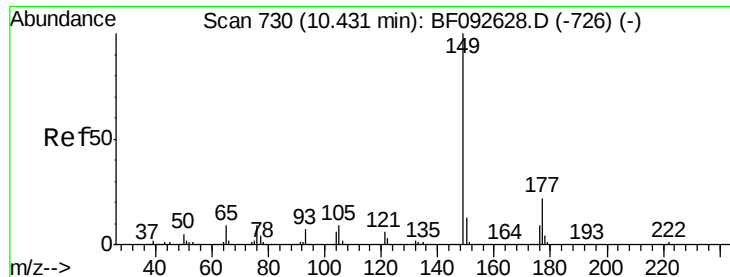
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 55.49 ng
 RT: 10.22 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	263517		
131	46.8	40.1	60.1	
130	2.1	1.8	2.8	
166	31.4	26.6	39.8	





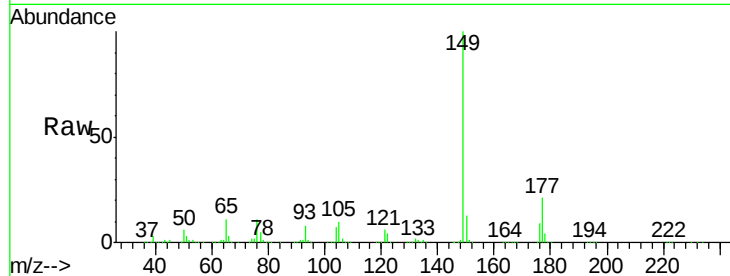
#59
Diethylphthalate
Concen: 44.56 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Instrument :
BNA_F
ClientSampleId :
SP3870-SPK

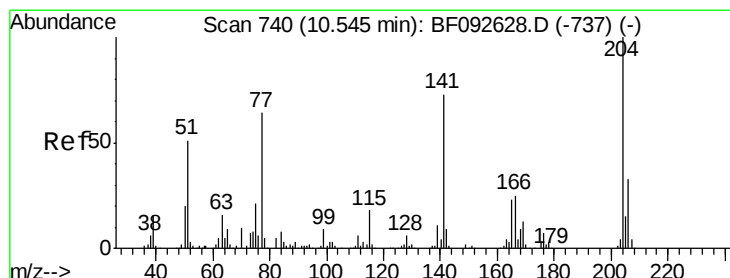
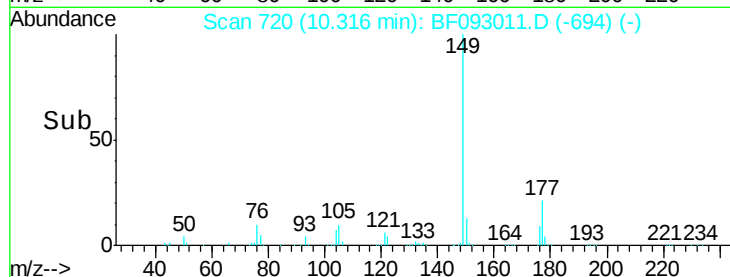
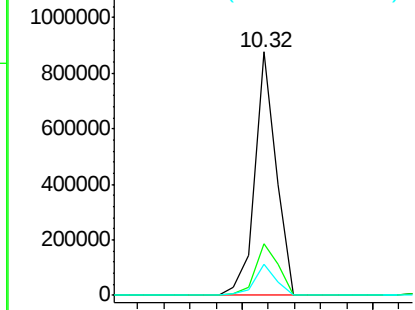
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	996278		
177	21.3	16.6	25.0	
150	12.6	10.4	15.6	

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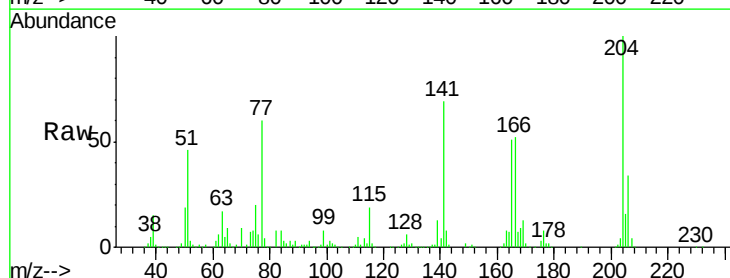


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

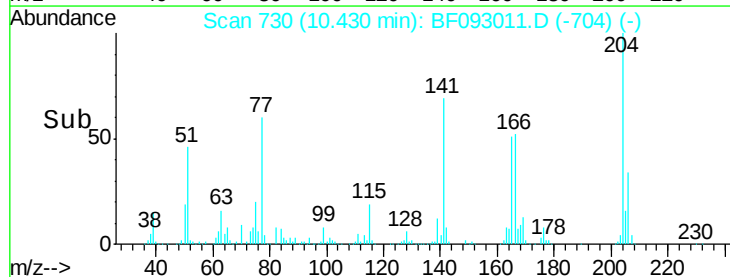
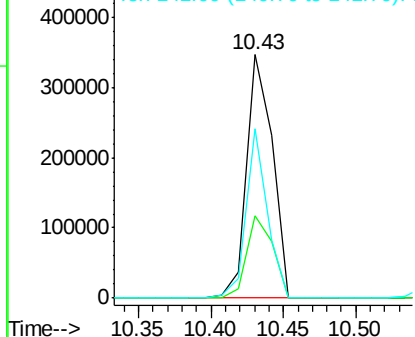


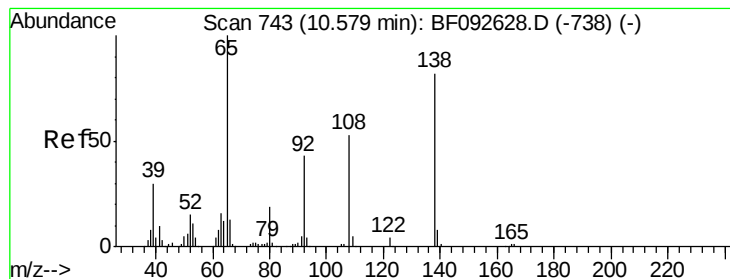
#60
4-Chlorophenyl-phenylether
Concen: 41.81 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	425930		
206	33.6	25.8	38.6	
141	69.3	59.4	89.0	



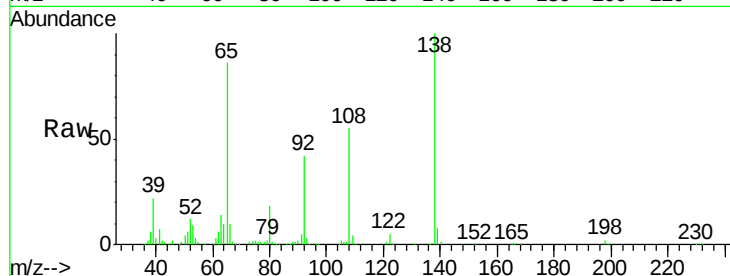
Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61
4-Nitroaniline
Concen: 48.69 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

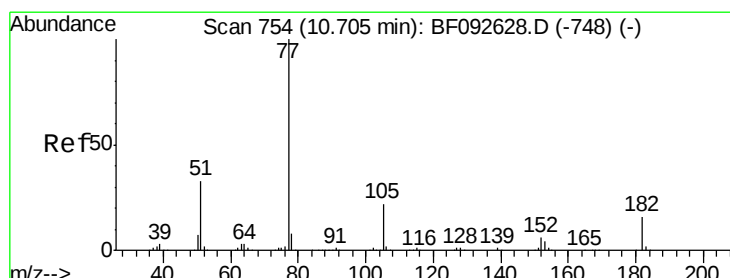
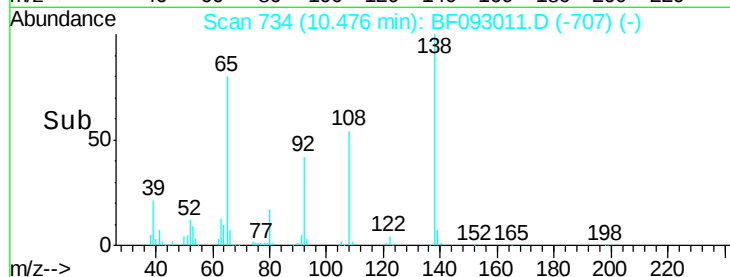
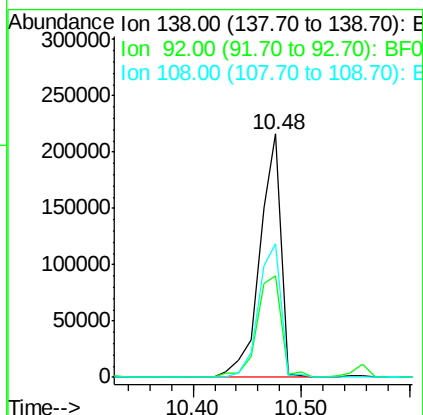
Instrument :
BNA_F
ClientSampleId :
SP3870-SPK



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	292390		
92	41.7	31.7	71.7	
108	54.9	52.6	92.6	

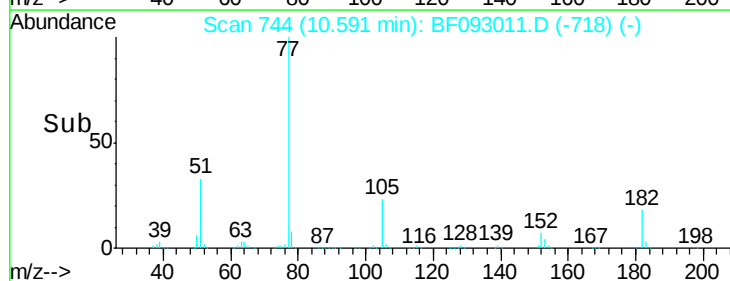
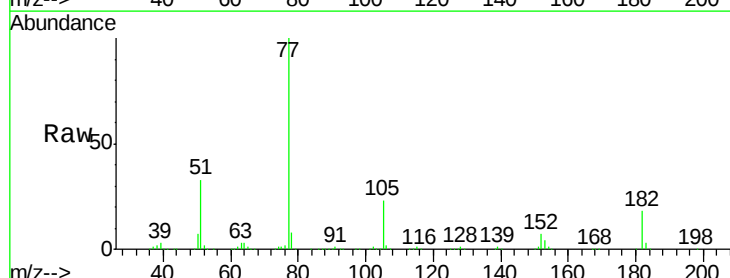
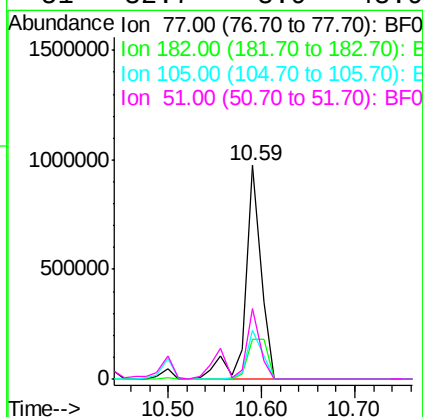
Manual Integrations
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#62
Azobenzene
Concen: 48.46 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1119283		
182	18.3	0.0	39.3	
105	22.8	2.3	42.3	
51	32.7	8.9	48.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Instrument :

BNA_F

ClientSampleId :

SP3870-SPK

Tgt Ion:188 Resp: 596358
Ion Ratio Lower Upper

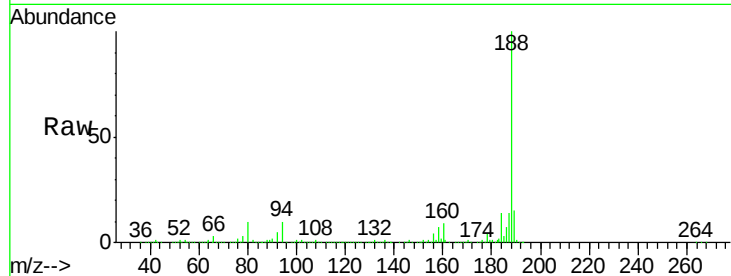
188 100

94 9.6 10.0 15.0#

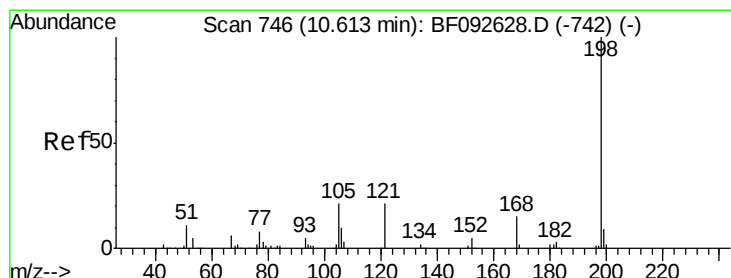
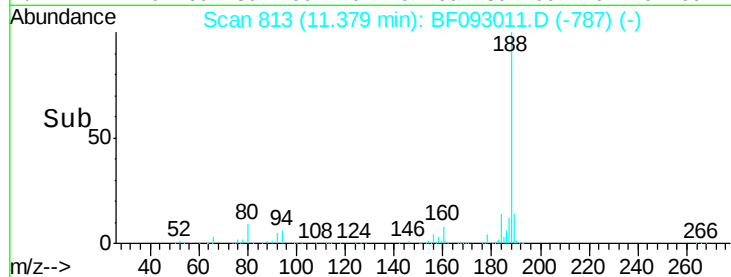
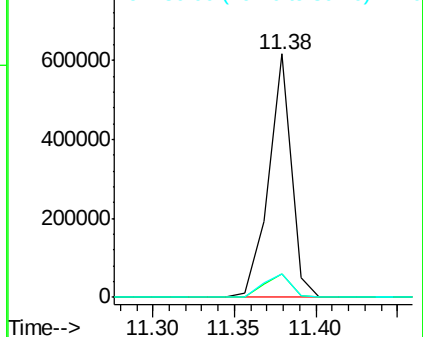
80 9.8 11.2 16.8#

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



#64

4,6-Dinitro-2-methylphenol

Concen: 48.54 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093011.D

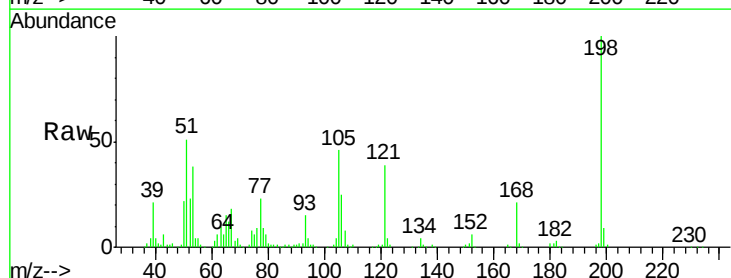
Acq: 17 Feb 2017 15:36

Tgt Ion:198 Resp: 176330
Ion Ratio Lower Upper

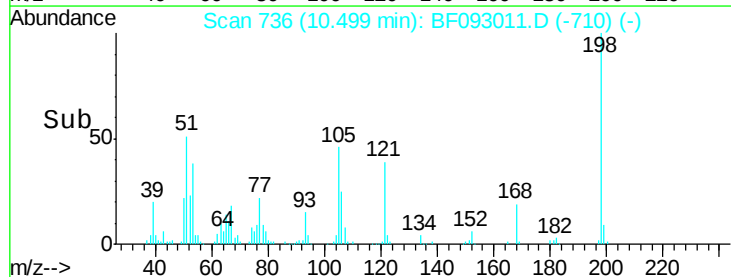
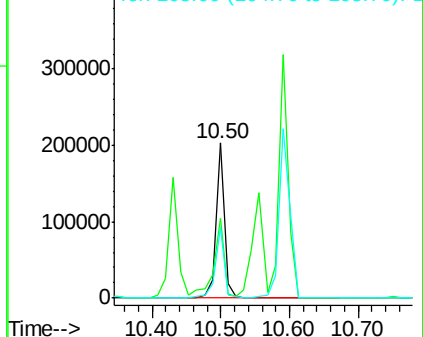
198 100

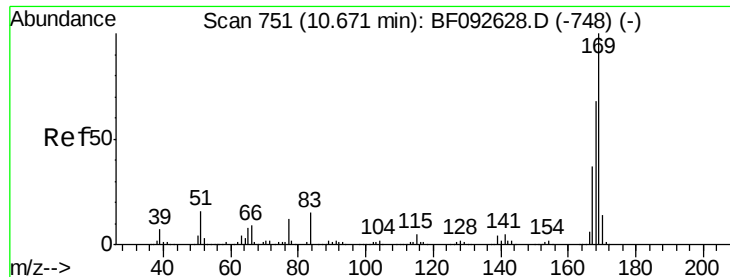
51 51.4 6.7 46.7#

105 45.9 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.75 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Instrument :

BNA_F

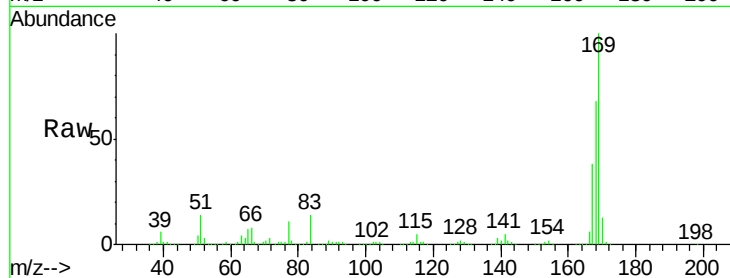
ClientSampleId :

SP3870-SPK

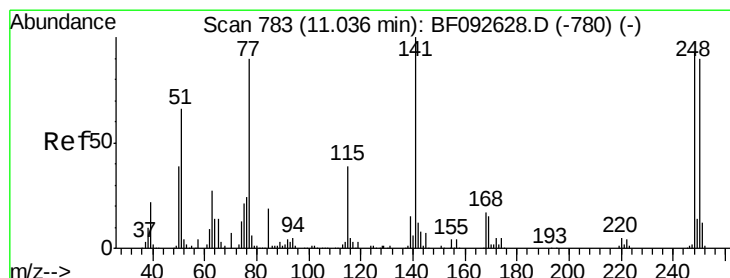
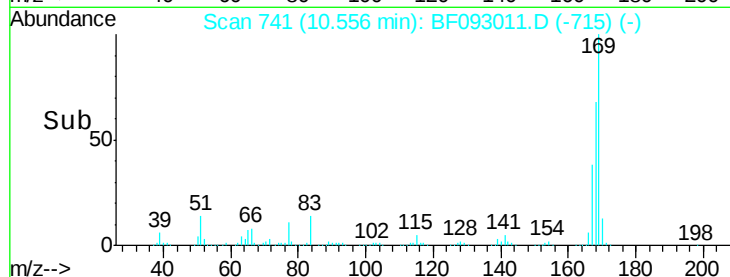
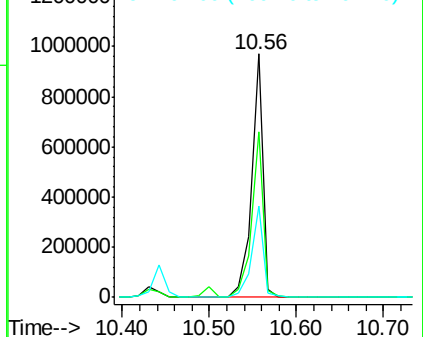
Tgt Ion:	169	Resp:	890611
Ion Ratio	Lower	Upper	
169	100		
168	67.9	54.2	81.2
167	37.7	30.2	45.4

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.64 ng

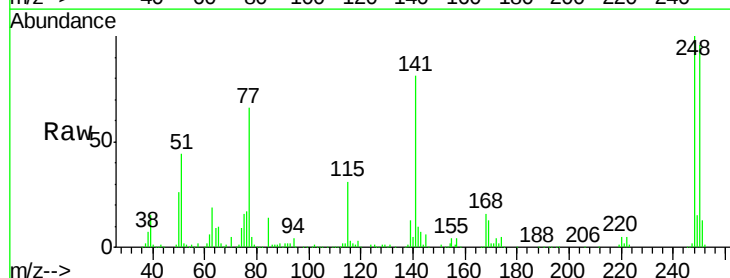
RT: 10.92 min Scan# 773

Delta R.T. -0.00 min

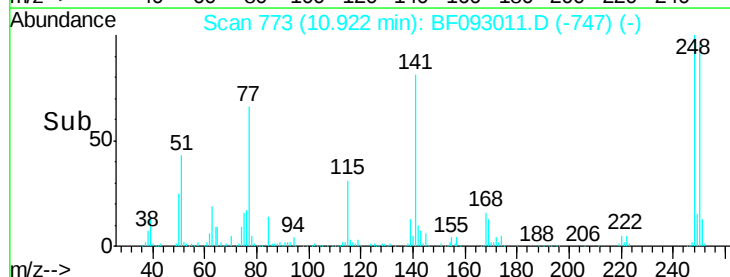
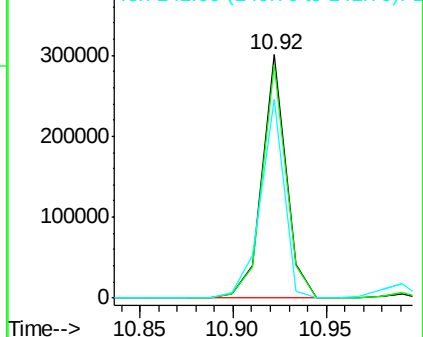
Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Tgt Ion:	248	Resp:	265650
Ion Ratio	Lower	Upper	
248	100		
250	95.7	76.9	115.3
141	81.4	68.2	102.4



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





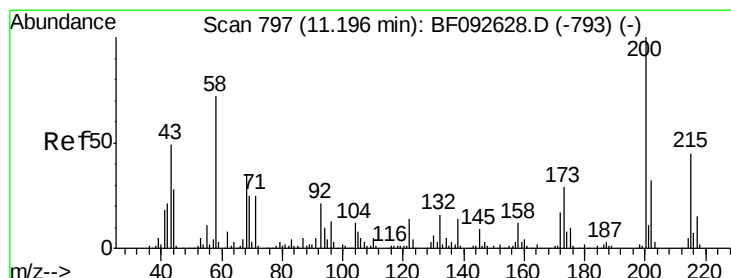
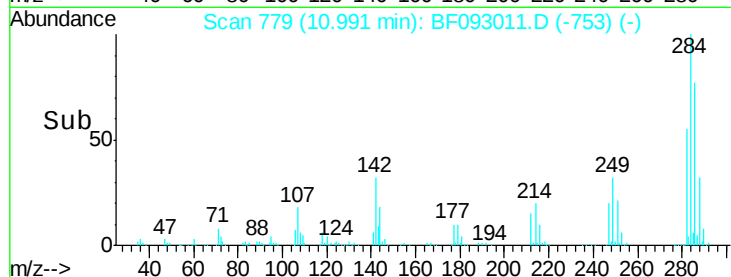
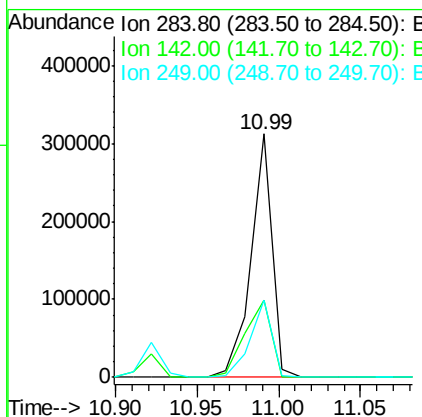
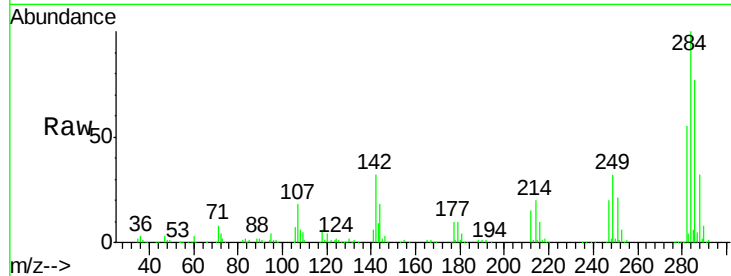
#67
Hexachlorobenzene
Concen: 45.76 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Instrument :
BNA_F
ClientSampleId :
SP3870-SPK

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	31.8	22.6	33.8
249	31.8	25.4	38.0

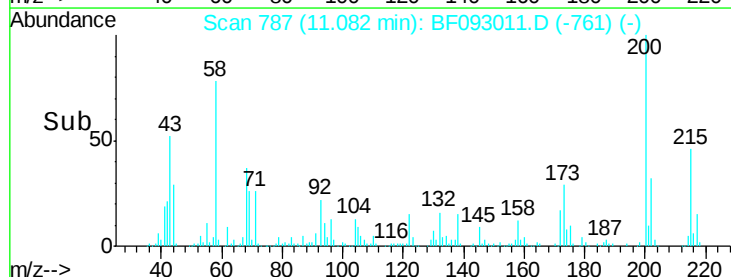
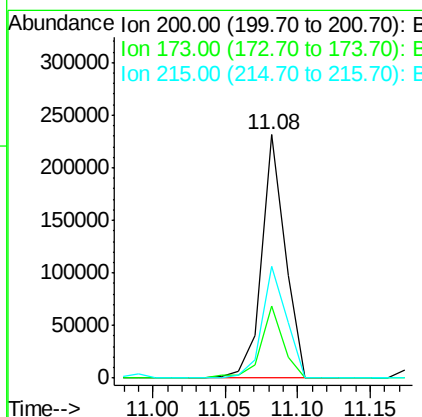
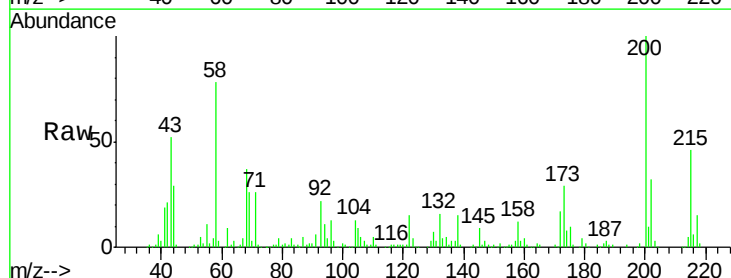
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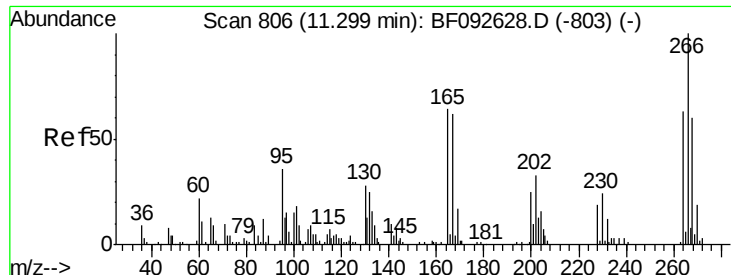
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#68
Atrazine
Concen: 42.39 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.4	9.6	49.6
215	46.2	25.7	65.7





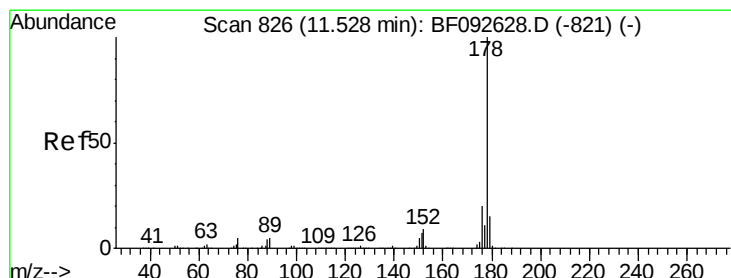
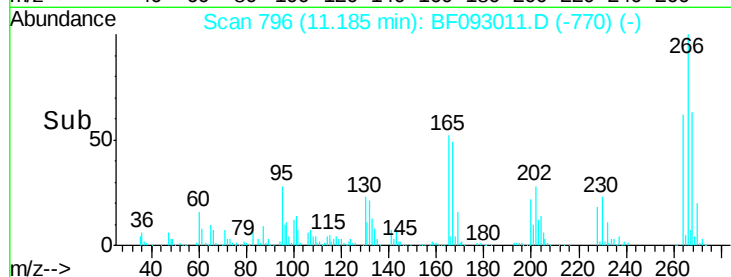
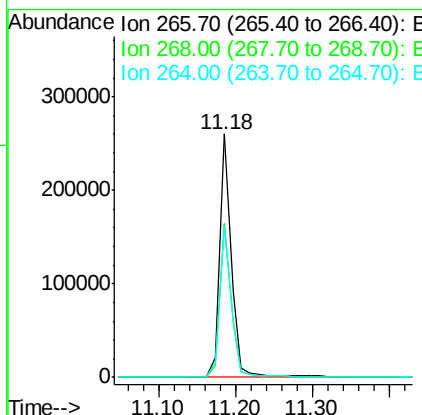
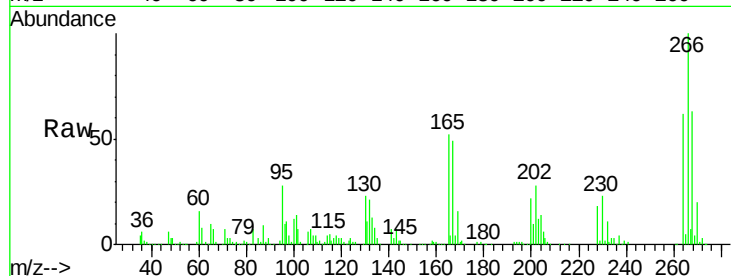
#69
 Pentachlorophenol
 Concen: 86.83 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP3870-SPK

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	278146		
268	63.0	53.3	79.9	
264	62.4	50.3	75.5	

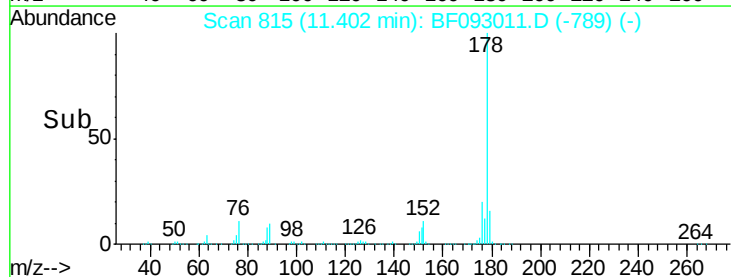
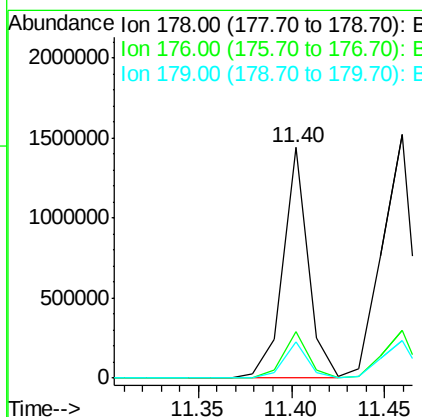
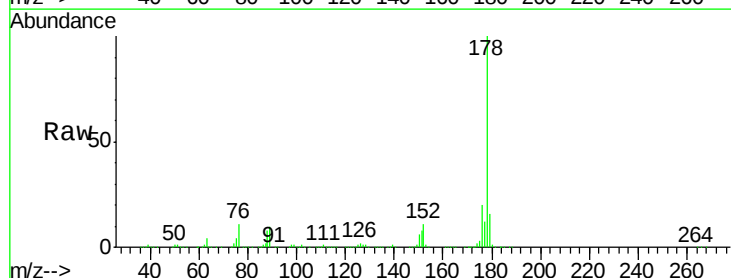
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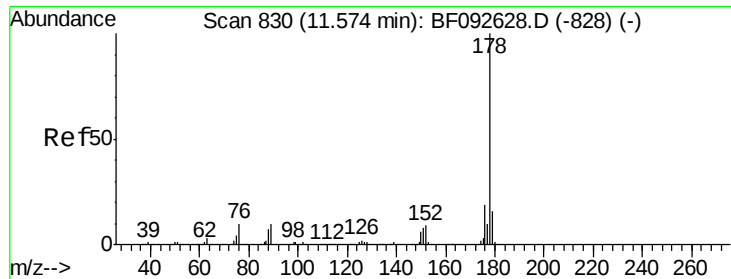
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#70
 Phenanthrene
 Concen: 39.52 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1350246		
176	20.0	16.6	25.0	
179	16.0	12.8	19.2	





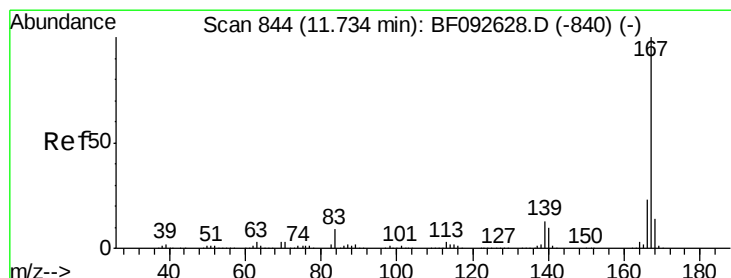
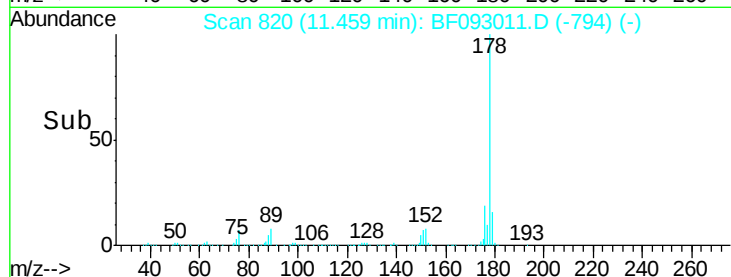
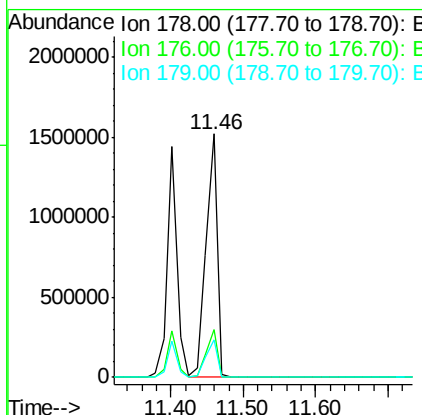
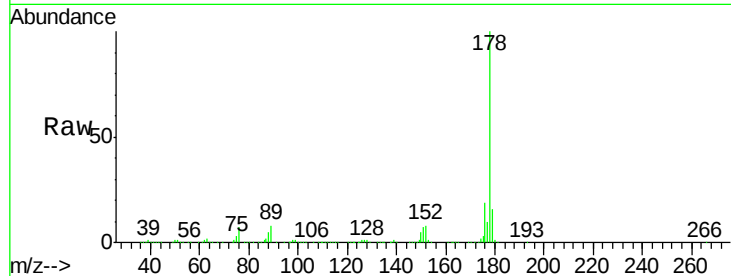
#71
 Anthracene
 Concen: 47.38 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP3870-SPK

Tgt Ion:178 Resp: 1625791
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.7 13.2 19.8

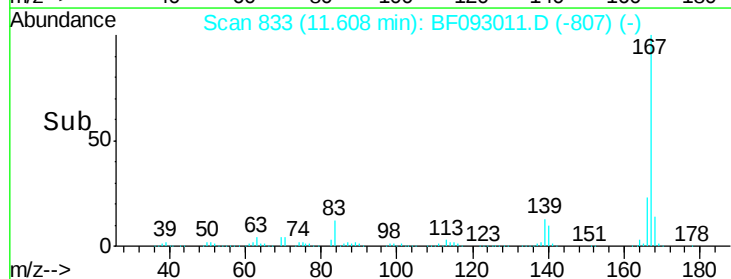
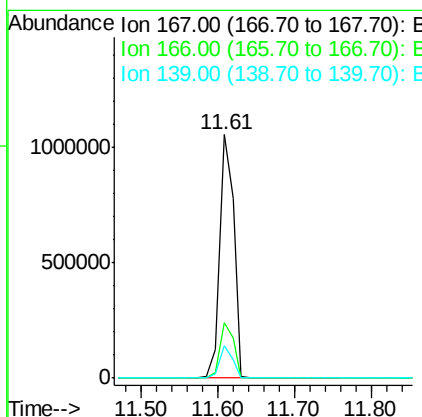
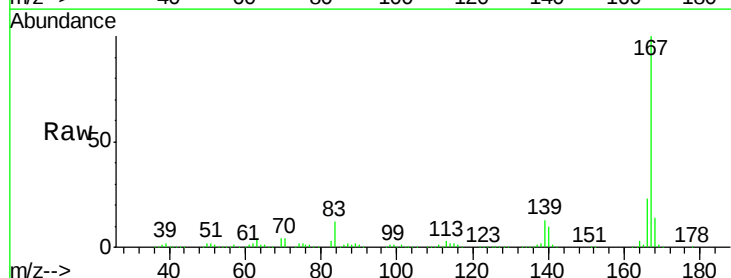
Manual Integrations
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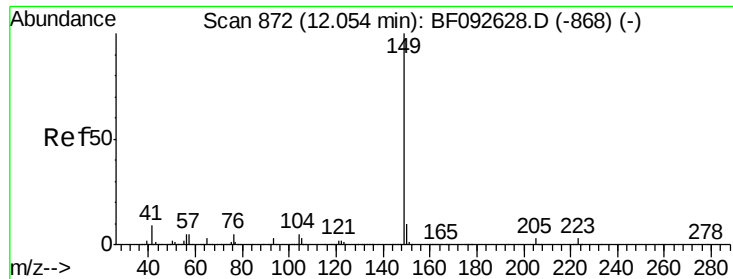
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#72
 Carbazole
 Concen: 41.40 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Tgt Ion:167 Resp: 1357985
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 13.5 11.4 17.2





#73

Di-n-butylphthalate

Concen: 44.18 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Instrument :

BNA_F

ClientSampleId :

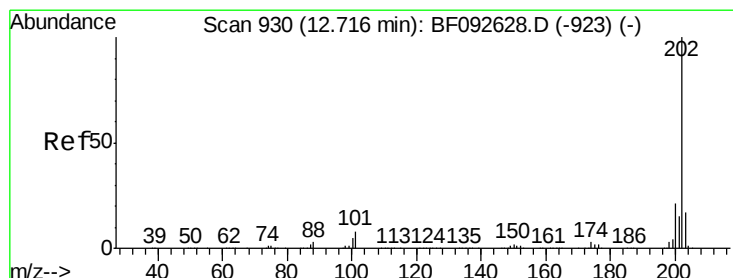
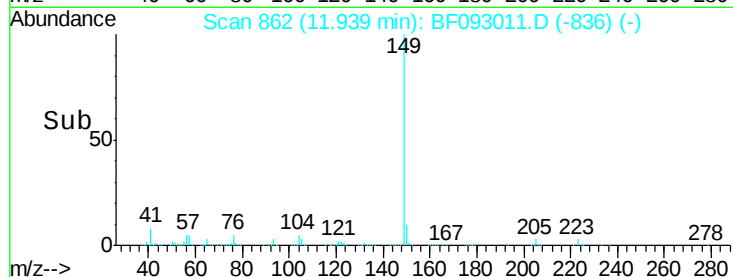
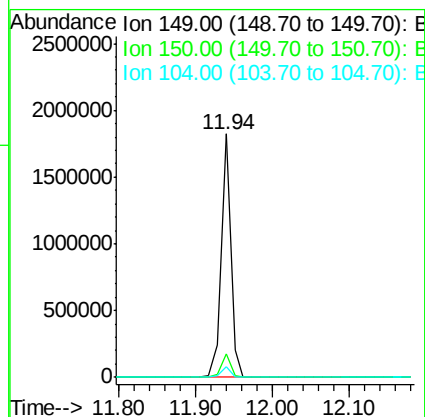
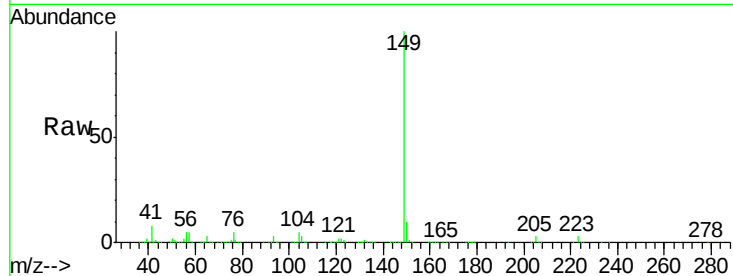
SP3870-SPK

Tgt Ion:149 Resp: 1566971

Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	4.6	4.6	7.0

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#74

Fluoranthene

Concen: 41.74 ng

RT: 12.59 min Scan# 919

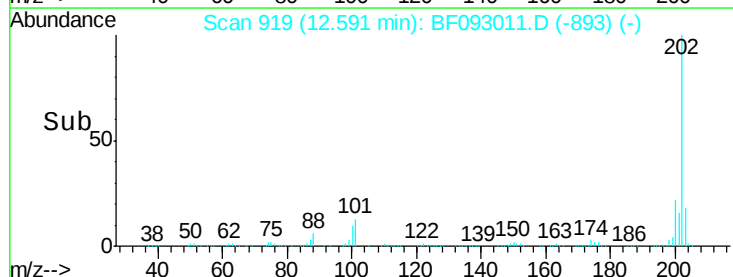
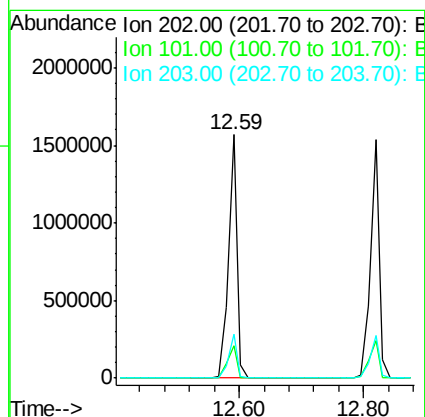
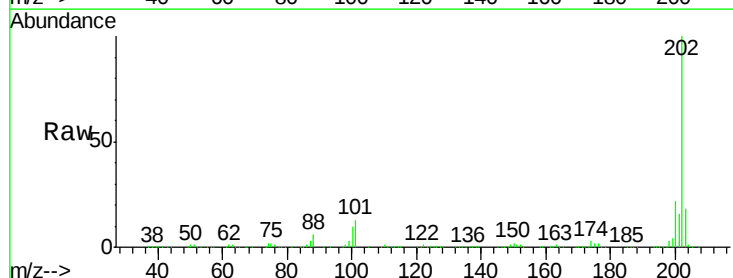
Delta R.T. -0.00 min

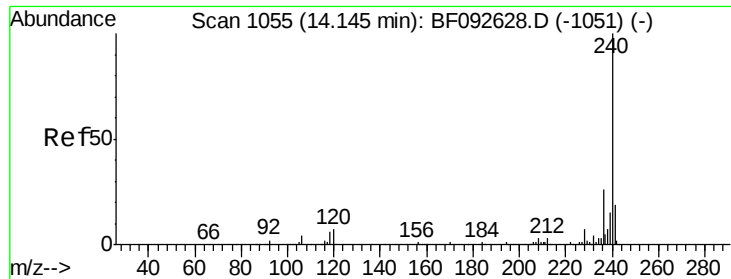
Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Tgt Ion:202 Resp: 1470842

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.6
203	18.0	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Instrument :

BNA_F

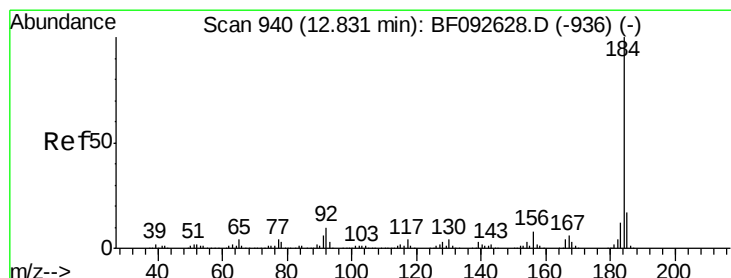
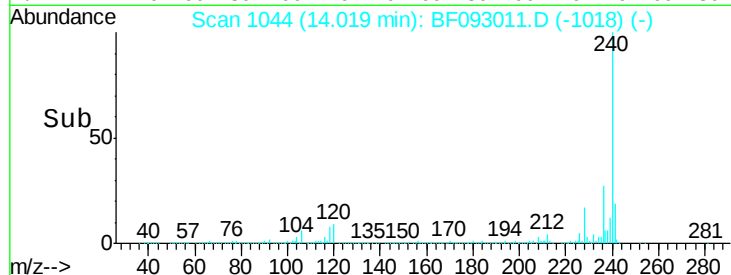
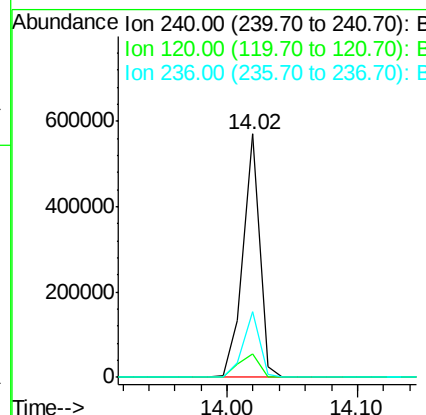
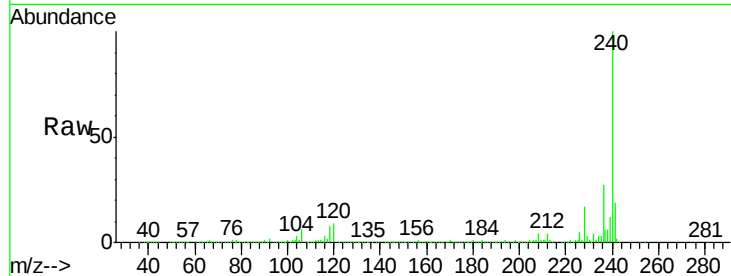
ClientSampleId :

SP3870-SPK

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	12.9	19.3#
236	26.8	20.9	31.3

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#76

Benzidine

Concen: 37.45 ng

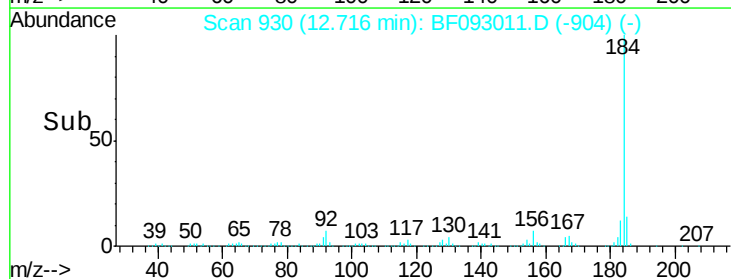
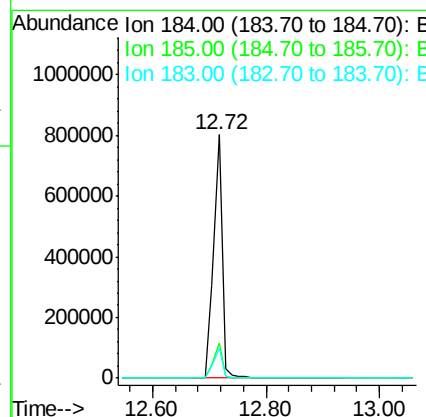
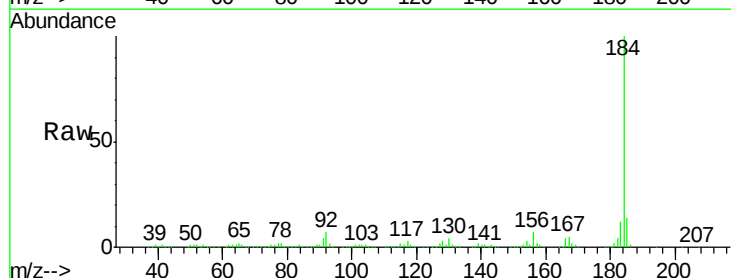
RT: 12.72 min Scan# 930

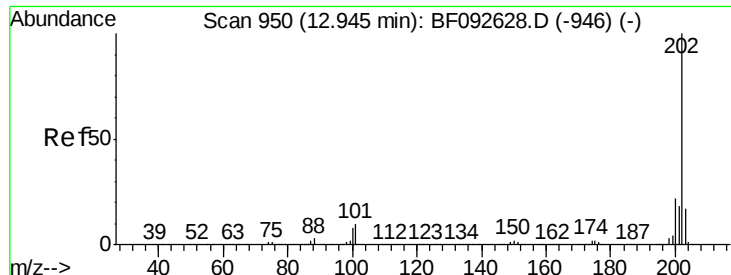
Delta R.T. -0.00 min

Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.4	20.0
183	12.4	9.2	13.8





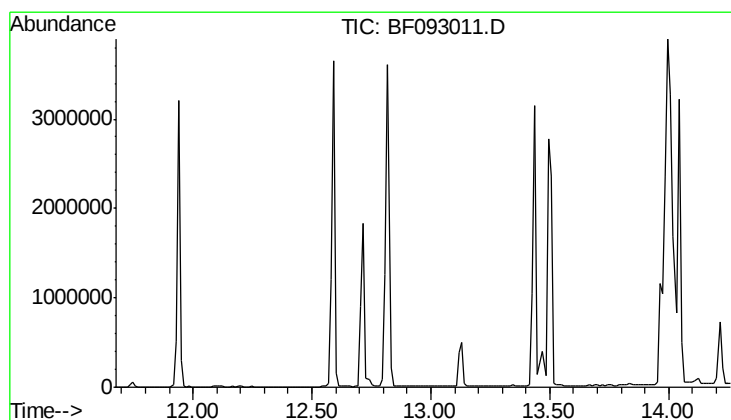
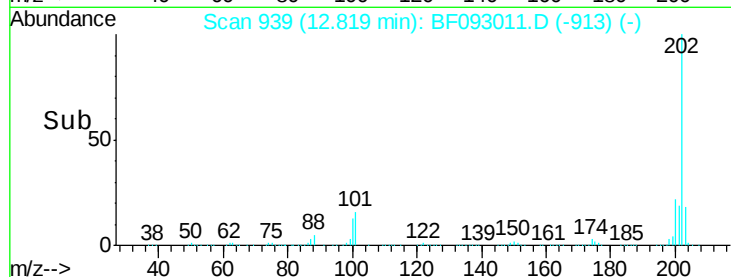
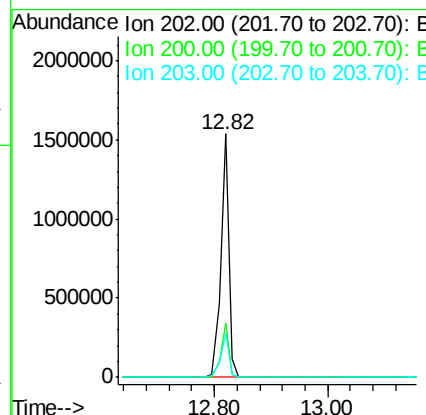
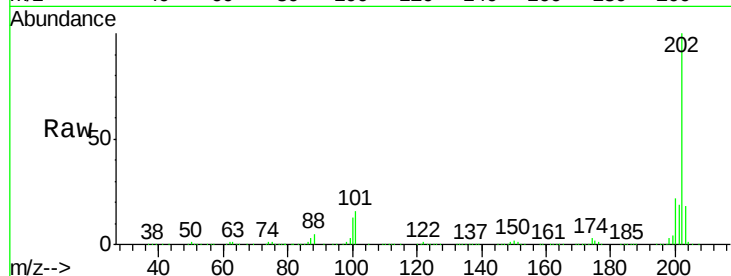
#77
 Pyrene
 Concen: 39.04 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP3870-SPK

Tgt Ion: 202 Resp: 1478761
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.7 26.5
 203 18.0 14.7 22.1

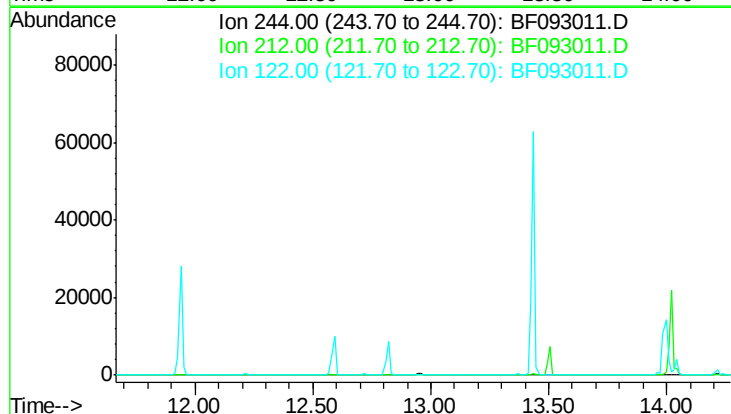
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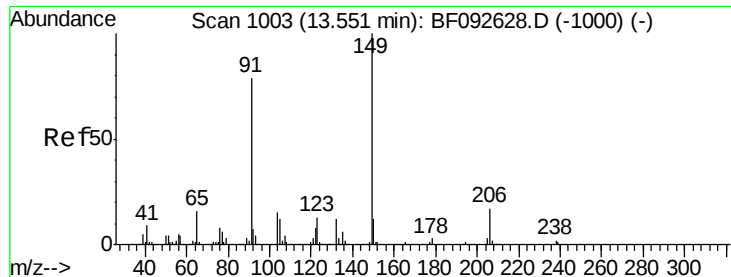
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#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 12.97 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 7.7
 122 14.3





#79

Butylbenzylphthalate

Concen: 49.14 ng

RT: 13.44 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Instrument :

BNA_F

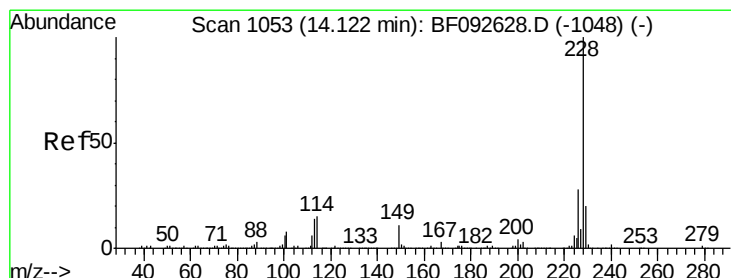
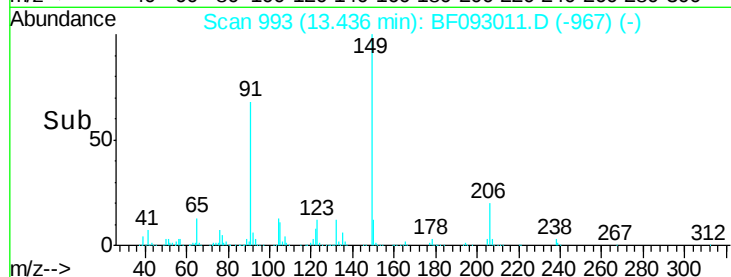
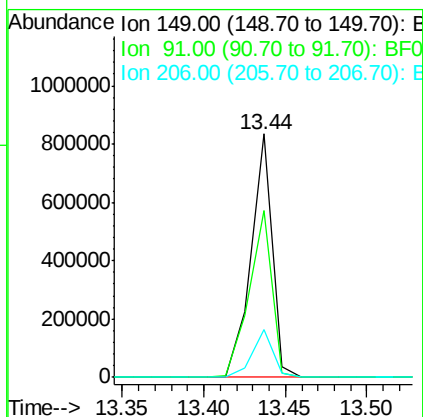
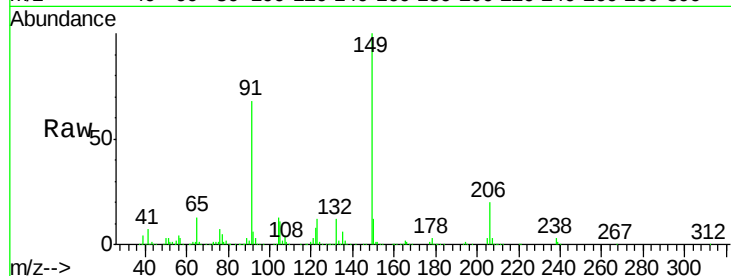
ClientSampled :

SP3870-SPK

Tgt Ion:	149	Resp:	755991
Ion Ratio	Lower	Upper	
149	100		
91	68.3	63.9	95.9
206	19.7	14.6	21.8

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#80

Benzo(a)anthracene

Concen: 39.80 ng

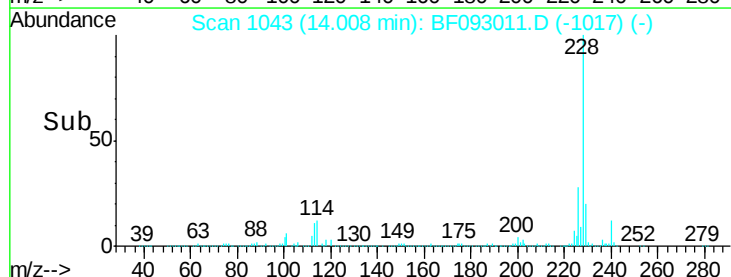
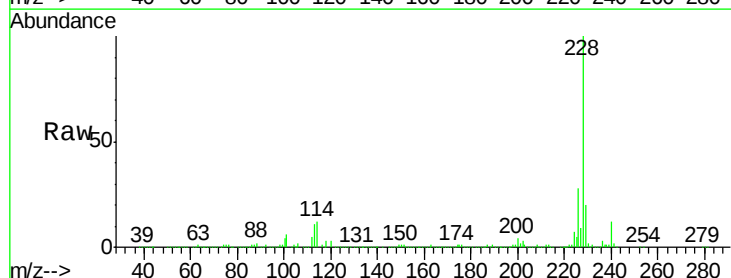
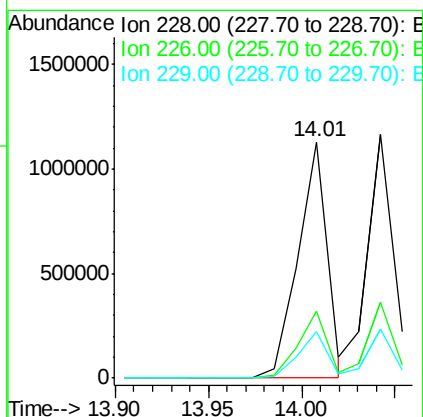
RT: 14.01 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Tgt Ion:	228	Resp:	1232107
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.4	33.6
229	19.9	16.2	24.4





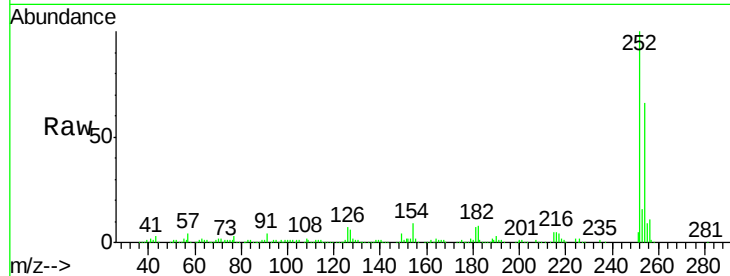
#81
 3,3'-Dichlorobenzidine
 Concen: 31.07 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP3870-SPK

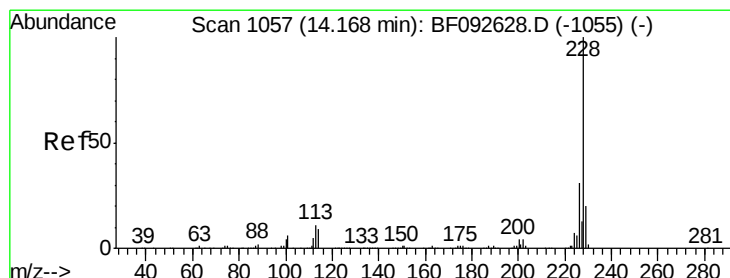
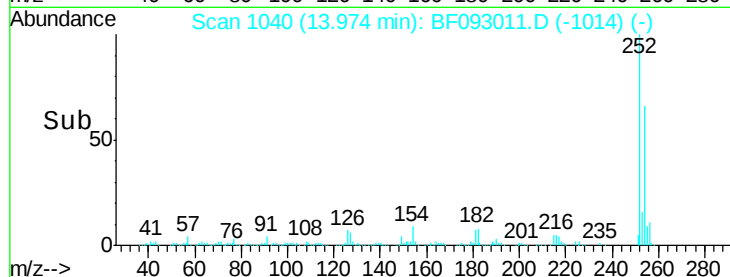
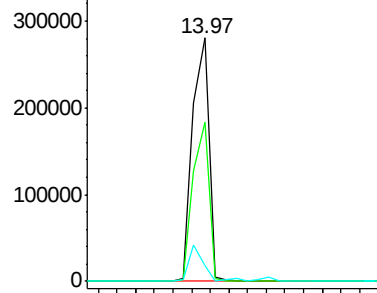
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.6	52.3	78.5
126	6.6	13.6	20.4

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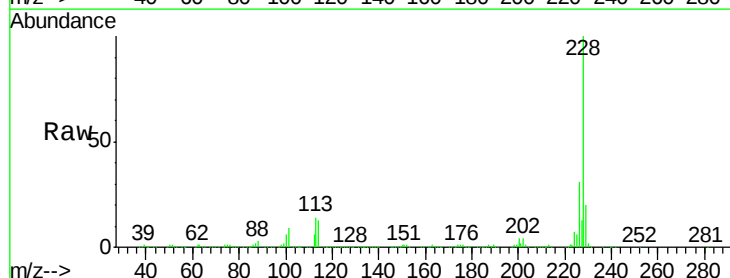


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

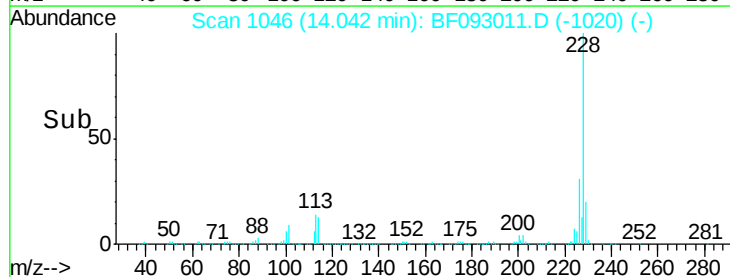
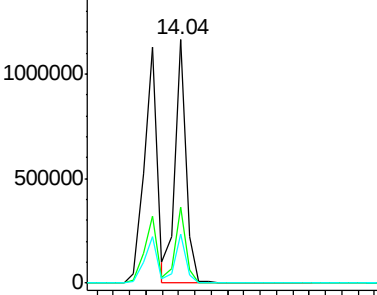


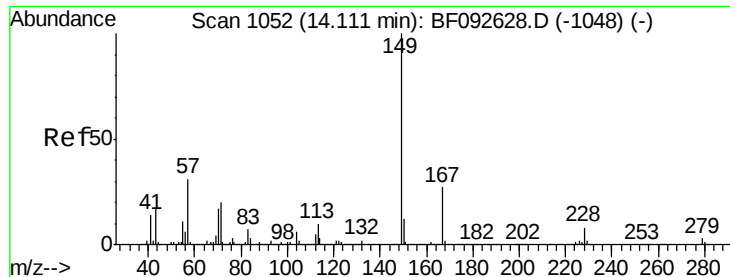
#82
 Chrysene
 Concen: 38.51 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.4	25.4	38.0
229	20.2	16.2	24.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.83 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF093011.D

Acq: 17 Feb 2017 15:36

Instrument :

BNA_F

ClientSampleId :

SP3870-SPK

Tgt Ion:149 Resp: 985170
Ion Ratio Lower Upper

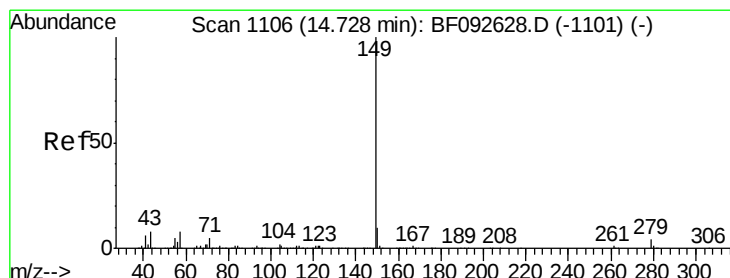
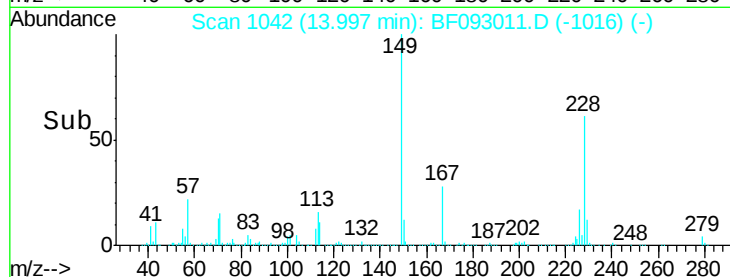
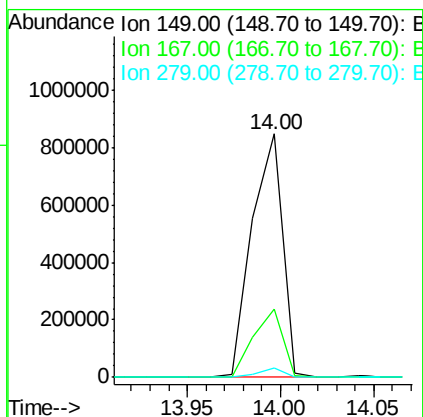
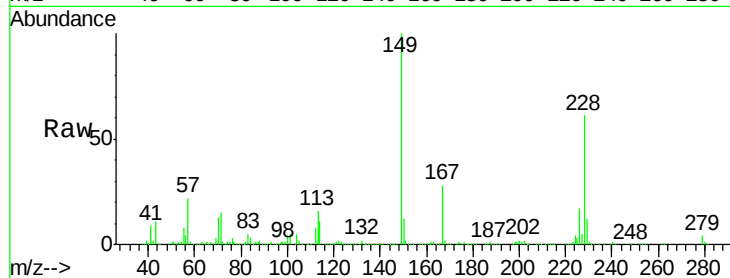
149 100

167 28.1 20.2 30.4

279 4.0 1.8 2.8#

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#84

Di-n-octyl phthalate

Concen: 48.49 ng

RT: 14.60 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BF093011.D

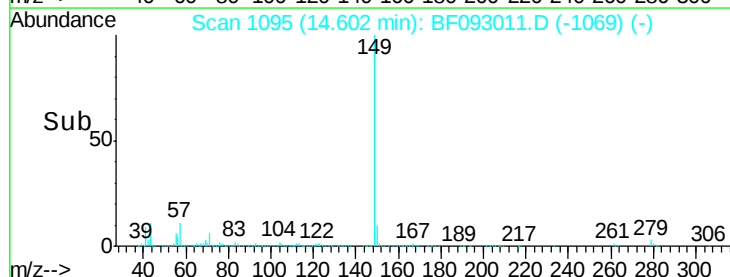
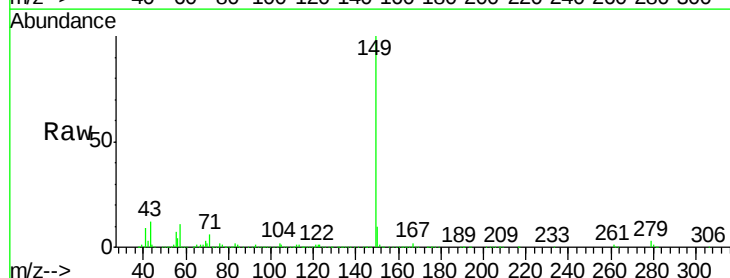
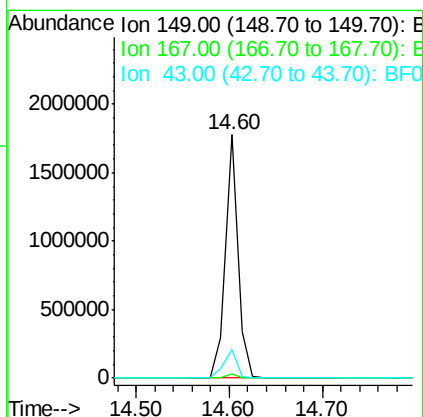
Acq: 17 Feb 2017 15:36

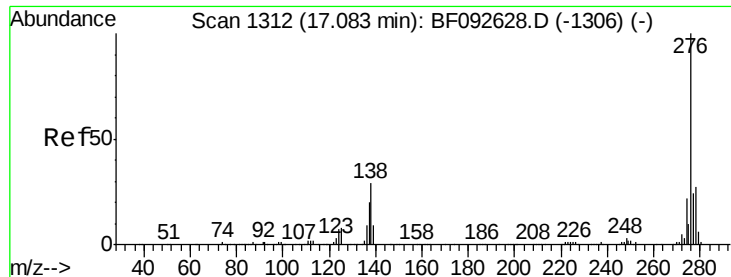
Tgt Ion:149 Resp: 1661181
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.8 8.9 13.3





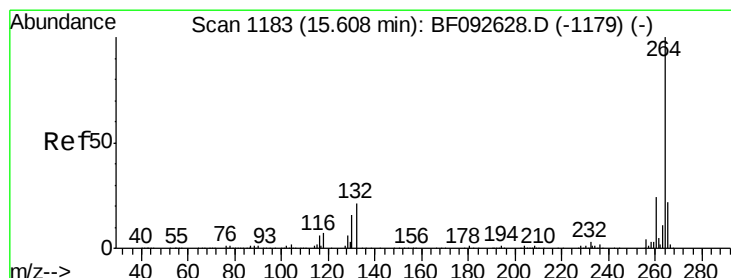
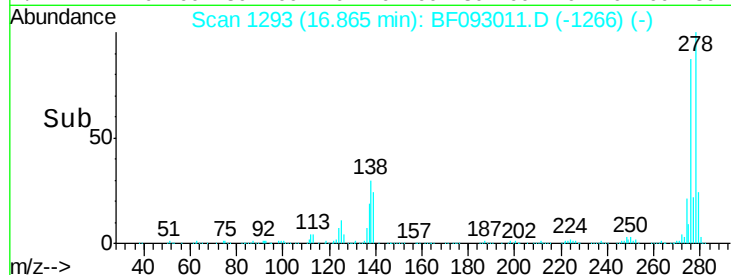
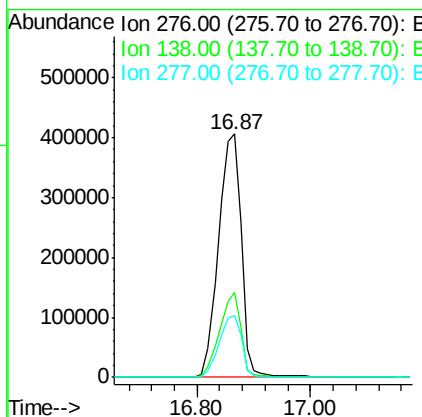
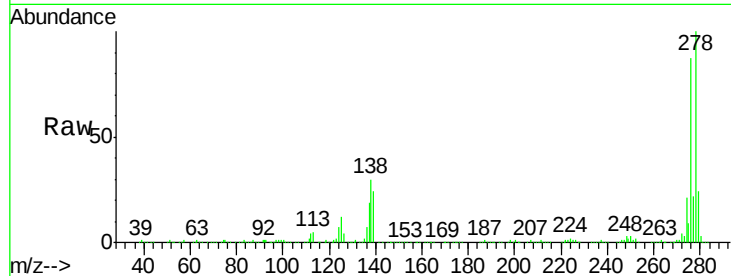
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.76 ng
RT: 16.87 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Instrument :
BNA_F
ClientSampleId :
SP3870-SPK

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.5	21.8	32.6
277	25.2	20.2	30.4

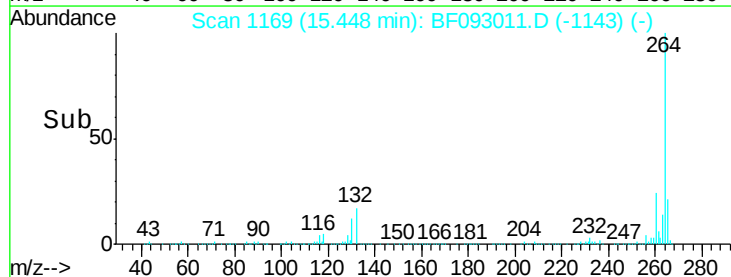
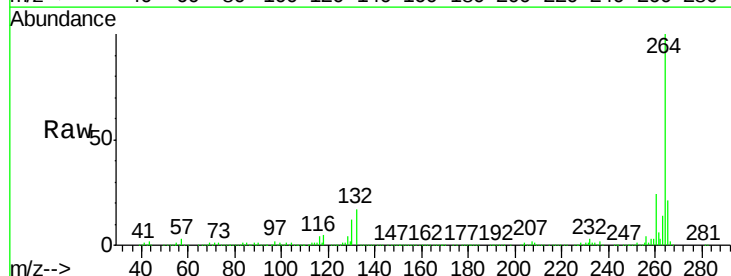
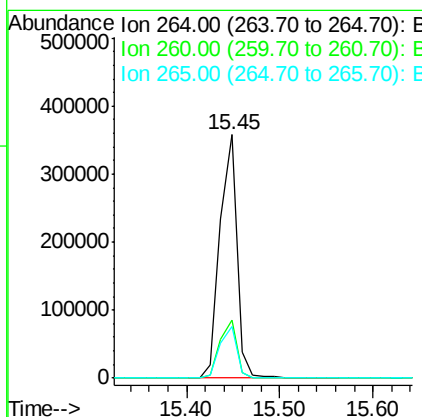
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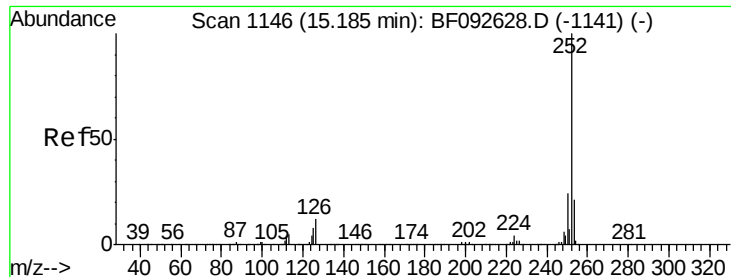
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	17.4	26.0





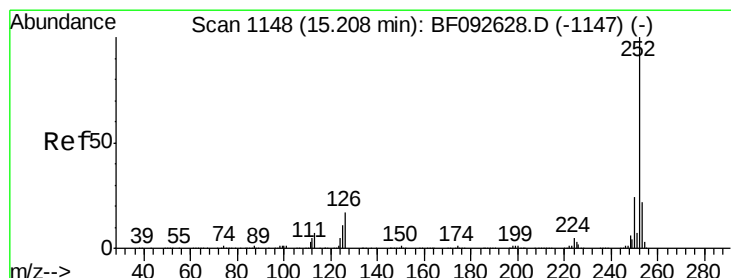
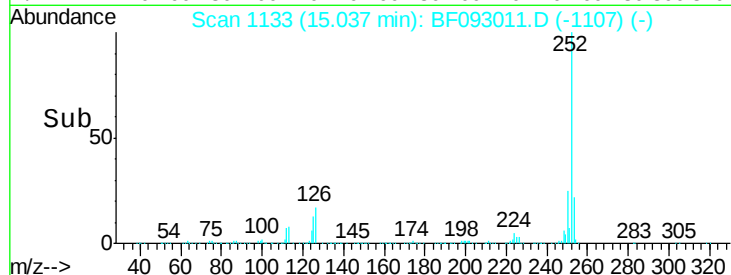
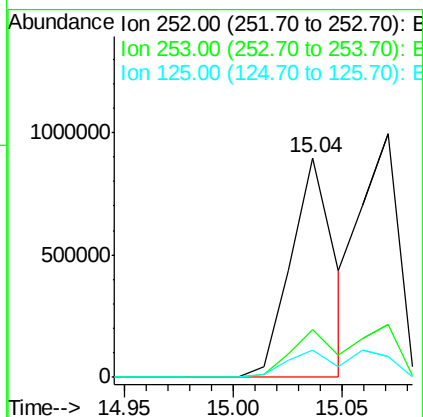
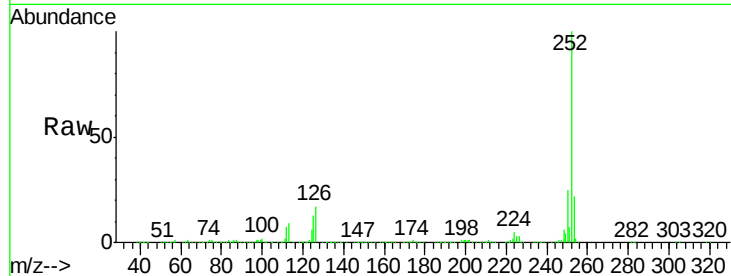
#87
Benzo(b)fluoranthene
Concen: 41.56 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Instrument :
BNA_F
ClientSampleId :
SP3870-SPK

Tgt Ion:252 Resp: 1240669
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 12.6 9.8 14.6

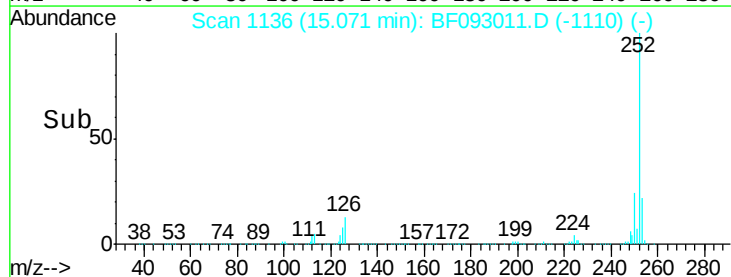
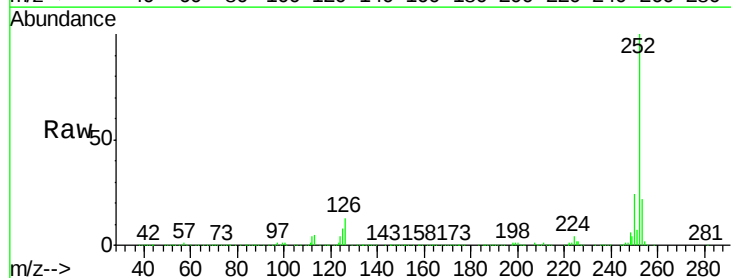
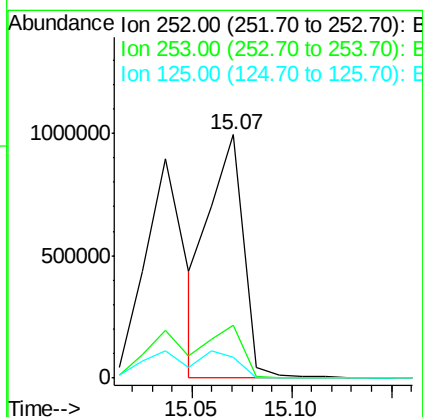
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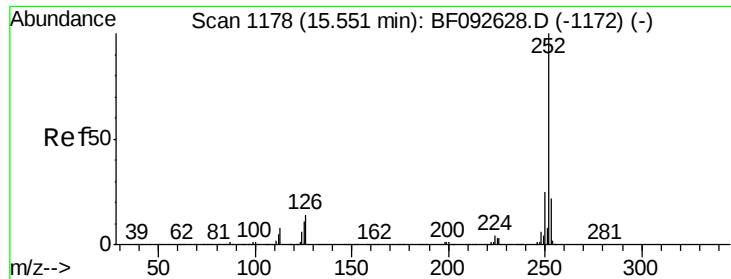
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#88
Benzo(k)fluoranthene
Concen: 47.09 ng m
RT: 15.07 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion:252 Resp: 1213624
Ion Ratio Lower Upper
252 100
253 21.8 18.5 27.7
125 8.5 8.9 13.3#





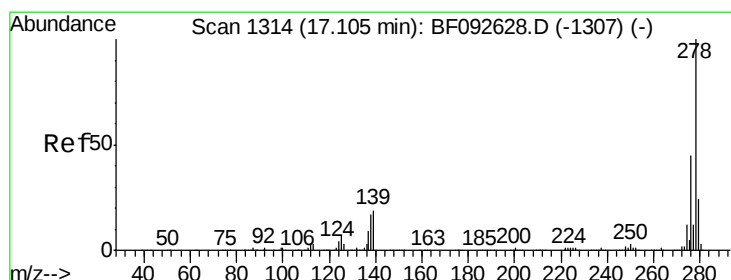
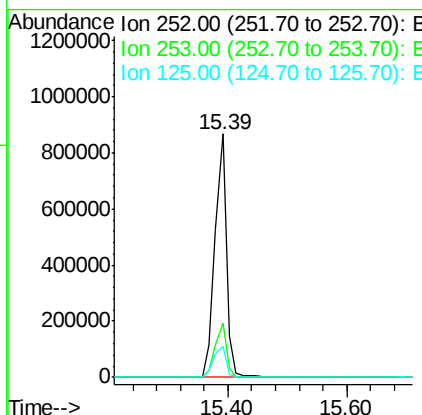
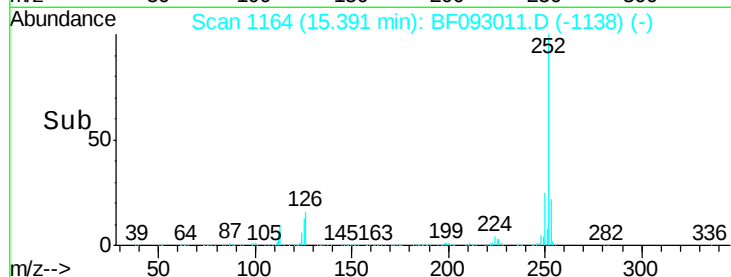
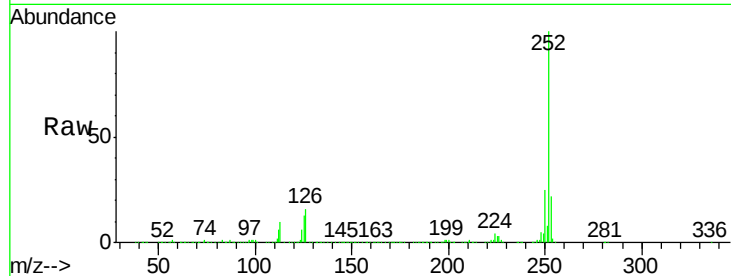
#89
Benzo(a)pyrene
Concen: 45.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Instrument :
BNA_F
ClientSampleId :
SP3870-SPK

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	12.6	10.0	15.0

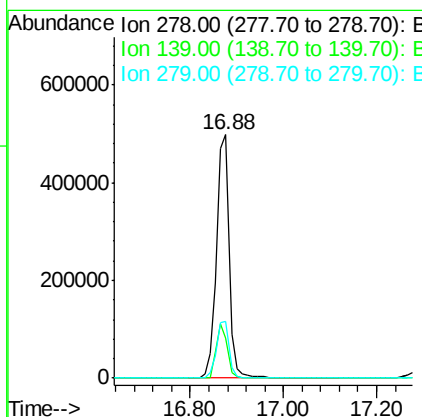
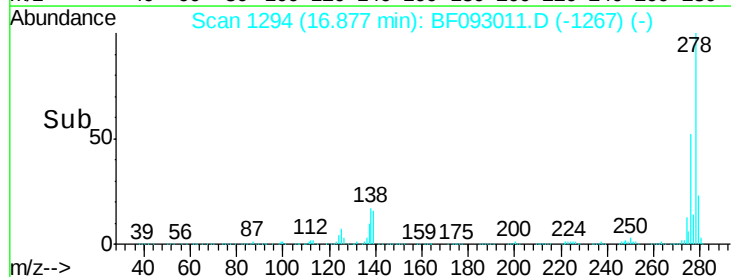
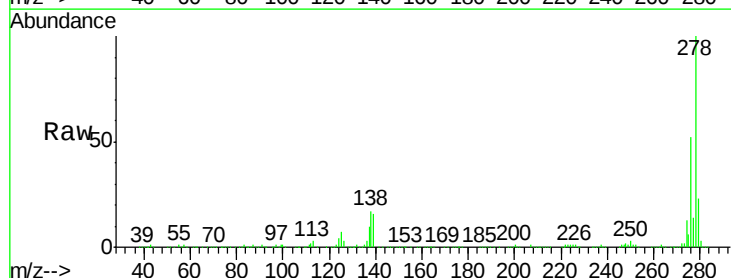
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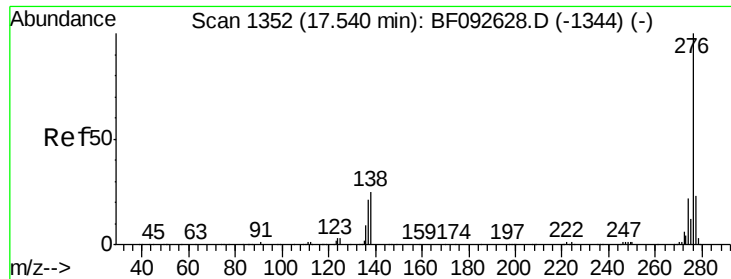
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#90
Dibenzo(a,h)anthracene
Concen: 45.29 ng
RT: 16.88 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF093011.D
Acq: 17 Feb 2017 15:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	14.8	22.2
279	23.4	19.8	29.6





#91
 Benzo(g,h,i)perylene
 Concen: 44.79 ng
 RT: 17.29 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF093011.D
 Acq: 17 Feb 2017 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP3870-SPK

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	25.4	16.0	24.0

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