

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112882.D
 Acq On : 6 Mar 2019 13:50
 Operator : JU/SJ
 Sample : PB117655BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117655BS

Manual Integrations
 APPROVED

Sohil
 3/7/2019 11:02:31 AM

Quant Time: Mar 07 04:26:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	199244	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	782470	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	387764	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	759746	20.00	ng	0.00
76) Chrysene-d12	13.87	240	482484	20.00	ng	0.00
87) Perylene-d12	15.27	264	431685	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1343094	104.86	ng	0.02
7) Phenol-d6	6.38	99	1728100	107.40	ng	0.01
23) Nitrobenzene-d5	7.30	82	1021313	78.10	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	549810	133.56	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1875168	78.53	ng	0.00
79) Terphenyl-d14	12.83	244	1898874	76.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	214804	33.456	ng	98
3) Pyridine	3.25	79	516389	30.062	ng	99
4) n-Nitrosodimethylamine	3.17	42	249747	33.237	ng	98
6) Aniline	6.40	93	553309	24.983	ng	93
8) 2-Chlorophenol	6.52	128	514579	36.090	ng	98
9) Benzaldehyde	6.27	77	336908	29.060	ng	97
10) Phenol	6.39	94	624436	33.258	ng	82
11) bis(2-Chloroethyl)ether	6.47	93	497640	34.531	ng	96
12) 1,3-Dichlorobenzene	6.67	146	551684	37.455	ng	99
13) 1,4-Dichlorobenzene	6.75	146	557826	37.764	ng	98
14) 1,2-Dichlorobenzene	6.90	146	523045	38.627	ng	99
15) Benzyl Alcohol	6.87	79	462791	37.720	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	827885	34.423	ng	98
17) 2-Methylphenol	7.00	107	439535	37.999	ng	97
18) Hexachloroethane	7.25	117	212102	37.485	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	362089	35.533	ng	98
20) 3+4-Methylphenols	7.15	107	509398	39.007	ng	95
22) Acetophenone	7.15	105	709256	38.765	ng	# 99
24) Nitrobenzene	7.32	77	564841	38.810	ng	98
25) Isophorone	7.56	82	1054453	37.430	ng	99
26) 2-Nitrophenol	7.63	139	287460	47.447	ng	99
27) 2,4-Dimethylphenol	7.67	122	481275	42.699	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	653028	37.076	ng	99
29) 2,4-Dichlorophenol	7.87	162	456959	41.806	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	496093	42.240	ng	99
31) Naphthalene	8.04	128	1520604	39.143	ng	100
32) Benzoic acid	7.82	122	379818	48.079	ng	94
33) 4-Chloroaniline	8.08	127	343442	20.873	ng	97
34) Hexachlorobutadiene	8.16	225	285347	43.081	ng	99
35) Caprolactam	8.46	113	150768m	39.163	ng	
36) 4-Chloro-3-methylphenol	8.57	107	477131	39.444	ng	97
37) 2-Methylnaphthalene	8.73	142	1034136	41.221	ng	99
38) 1-Methylnaphthalene	8.83	142	973039	40.040	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	447901	39.611	ng	99

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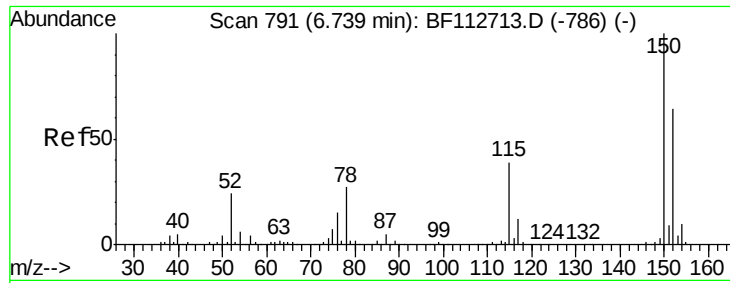
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	610278	98.558	nq	98
43) 2,4,6-Trichlorophenol	9.01	196	342828	44.053	nq	99
44) 2,4,5-Trichlorophenol	9.05	196	349633	41.565	nq	95
46) 1,1'-Biphenyl	9.19	154	1242661	39.290	nq	99
47) 2-Chloronaphthalene	9.22	162	958902	38.828	nq	99
48) 2-Nitroaniline	9.31	65	304786	40.602	nq	94
49) Acenaphthylene	9.63	152	1545873	36.871	nq	100
50) Dimethylphthalate	9.50	163	1129496	39.504	nq	99
51) 2,6-Dinitrotoluene	9.55	165	250226	42.027	nq	90
52) Acenaphthene	9.80	154	894178	36.470	nq	99
53) 3-Nitroaniline	9.72	138	190786	26.297	nq	97
54) 2,4-Dinitrophenol	9.83	184	267138	107.293	nq	# 88
55) Dibenzofuran	9.97	168	1359455	38.150	nq	98
56) 4-Nitrophenol	9.89	139	447525	75.900	nq	94
57) 2,4-Dinitrotoluene	9.96	165	332315	44.902	nq	87
58) Fluorene	10.32	166	979424	38.725	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	308098	43.963	nq	96
60) Diethylphthalate	10.19	149	1146723	37.974	nq	100
61) 4-Chlorophenyl-phenylether	10.30	204	497376	42.267	nq	97
62) 4-Nitroaniline	10.33	138	274936	41.011	nq	95
63) Azobenzene	10.47	77	1080871	34.946	nq	94
65) 4,6-Dinitro-2-methylphenol	10.36	198	161478	51.369	nq	86
66) n-Nitrosodiphenylamine	10.43	169	933681	38.319	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	333094	41.624	nq	96
68) Hexachlorobenzene	10.86	284	379474	42.067	nq	95
69) Atrazine	10.96	200	302336	40.514	nq	97
70) Pentachlorophenol	11.06	266	427665	80.549	nq	99
71) Phenanthrene	11.27	178	1475675	39.039	nq	100
72) Anthracene	11.32	178	1517870	38.360	nq	100
73) Carbazole	11.47	167	1397608	36.208	nq	100
74) Di-n-butylphthalate	11.81	149	1656298	35.786	nq	99
75) Fluoranthene	12.45	202	1544470	38.136	nq	98
77) Benzidine	12.57	184	818145	32.684	nq	99
78) Pyrene	12.68	202	1549856	38.104	nq	99
80) Butylbenzylphthalate	13.30	149	718280	40.007	nq	96
81) Benzo(a)anthracene	13.86	228	1129526	33.778	nq	100
82) 3,3'-Dichlorobenzidine	13.82	252	277232	21.921	nq	99
83) Chrysene	13.90	228	1195094	36.486	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	835426	39.671	nq	99
85) Di-n-octyl phthalate	14.47	149	1417607	39.202	nq	97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1091547	39.089	nq	95
88) Benzo(b)fluoranthene	14.87	252	1155508	41.383	nq	98
89) Benzo(k)fluoranthene	14.90	252	949631	37.546	nq	98
90) Benzo(a)pyrene	15.22	252	998961	40.447	nq	98
91) Dibenzo(a,h)anthracene	16.65	278	909345	43.148	nq	98
92) Benzo(g,h,i)perylene	17.04	276	930761	43.982	nq	95

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



#1

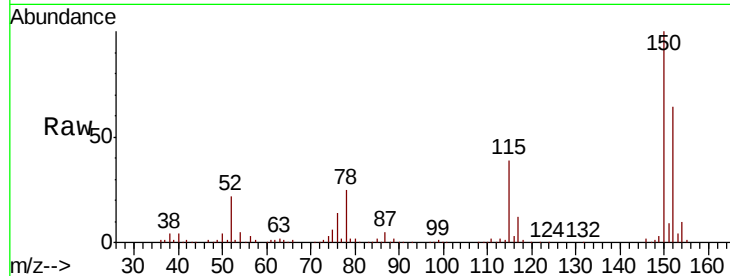
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.2	186.2
115	60.4	48.2	72.4

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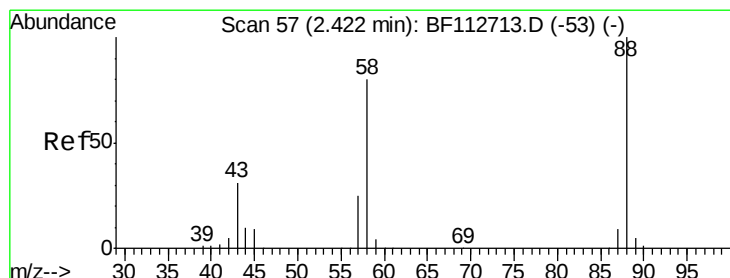
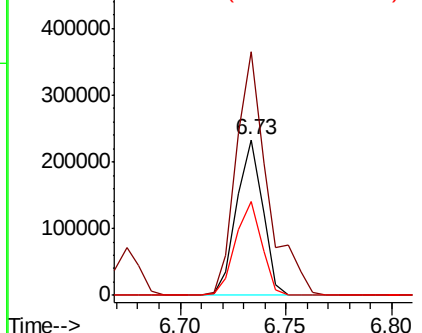
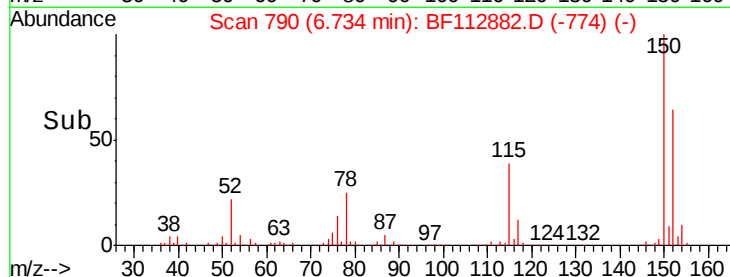


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

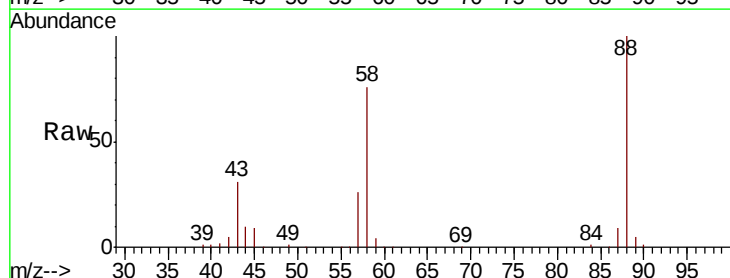
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.456 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.12 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.1	63.1	94.7
43	30.5	24.3	36.5

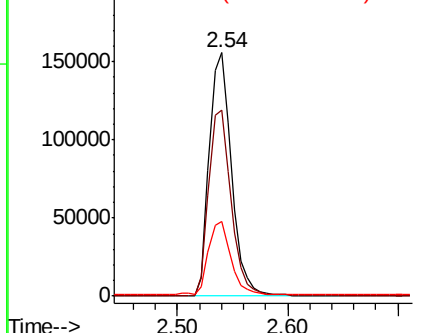
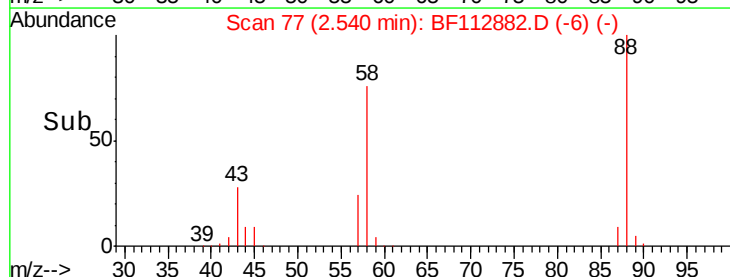


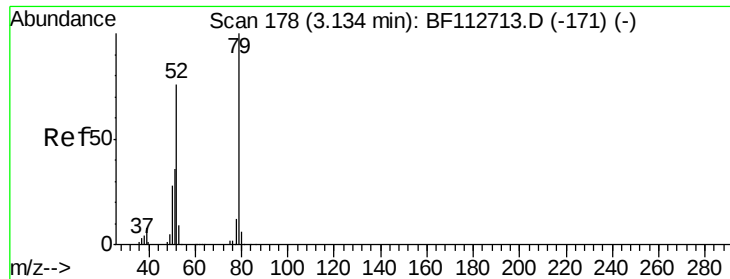
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.062 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.11 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_F

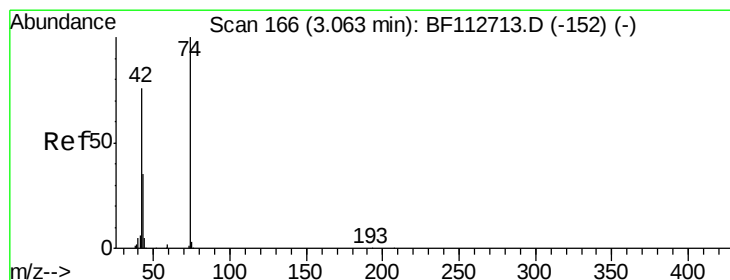
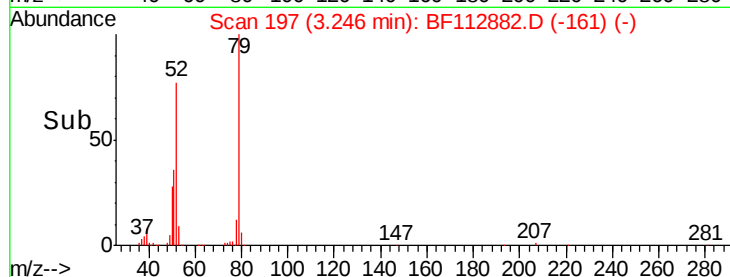
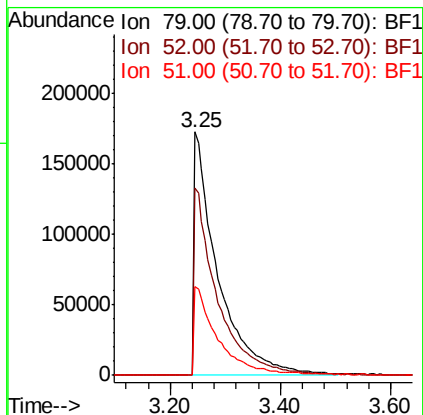
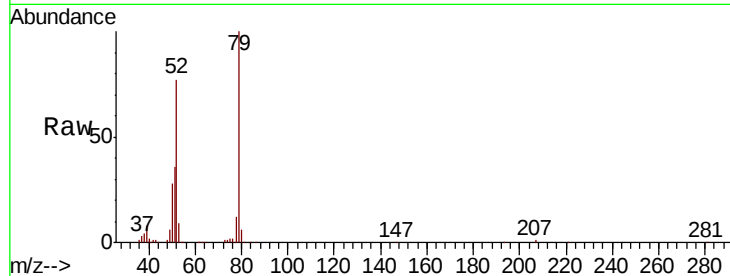
ClientSampleId :

PB117655BS

Tot Ion:	79	Resp:	516389
Ion Ratio	Lower	Upper	
79	100		
52	76.8	60.5	90.7
51	36.5	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 33.237 ng

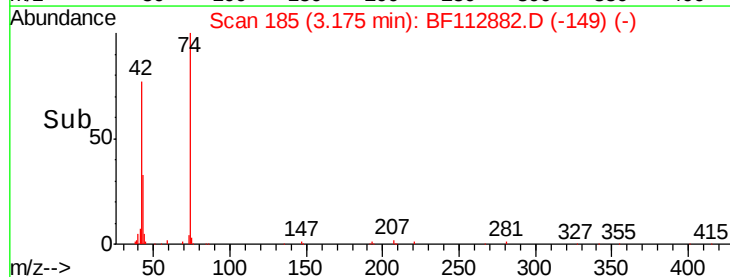
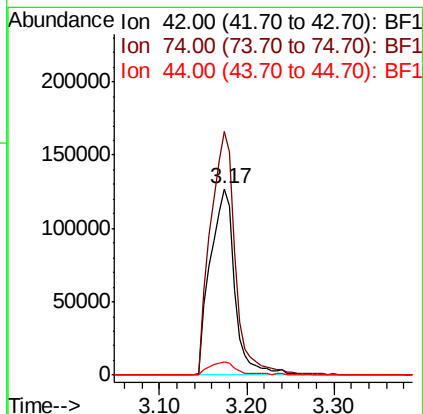
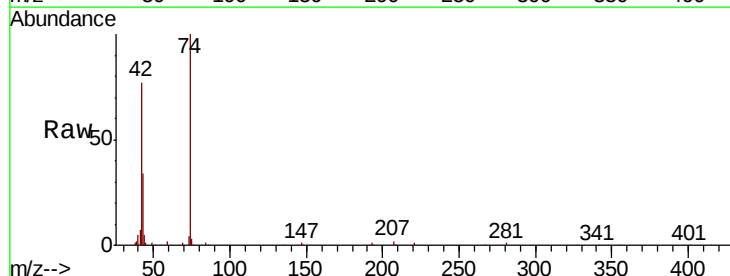
RT: 3.17 min Scan# 185

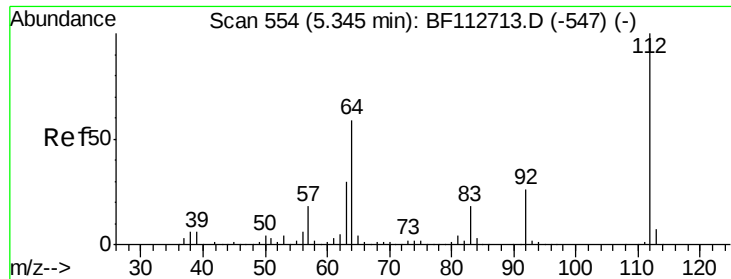
Delta R.T. 0.11 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Tgt Ion:	42	Resp:	249747
Ion Ratio	Lower	Upper	
42	100		
74	130.5	105.8	158.8
44	6.9	6.2	9.2





#5

2-Fluorophenol

Concen: 104.858 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB117655BS

Tot Ion: 112 Resp: 1343094

Ion Ratio Lower Upper

112 100

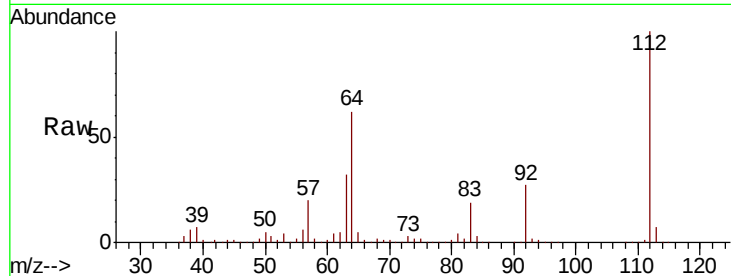
64 62.0 47.6 71.4

63 32.4 24.4 36.6

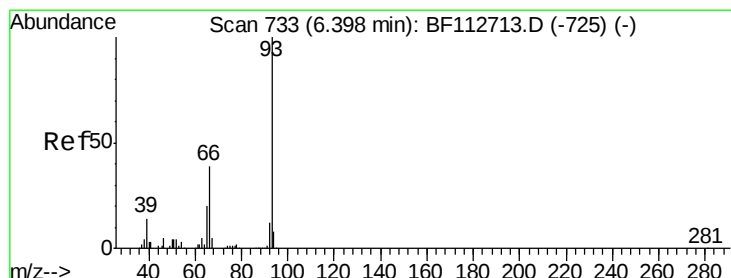
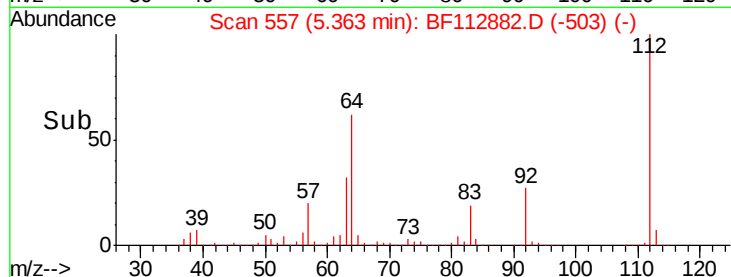
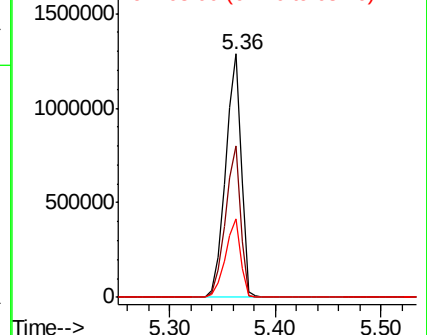
Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.983 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

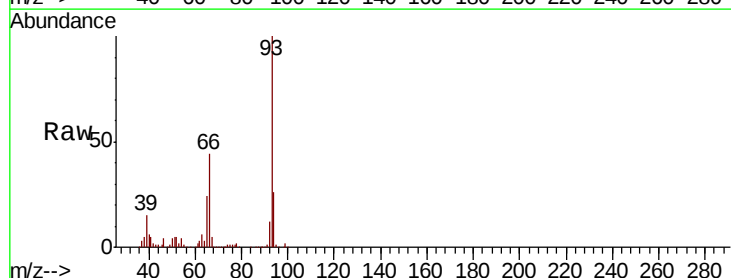
Tgt Ion: 93 Resp: 553309

Ion Ratio Lower Upper

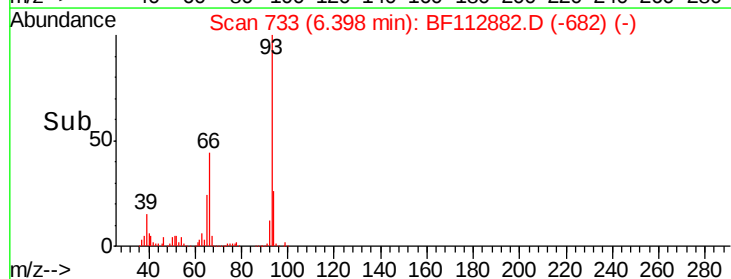
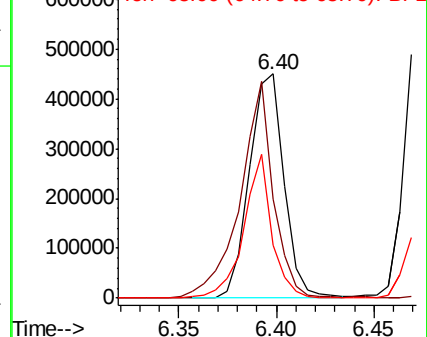
93 100

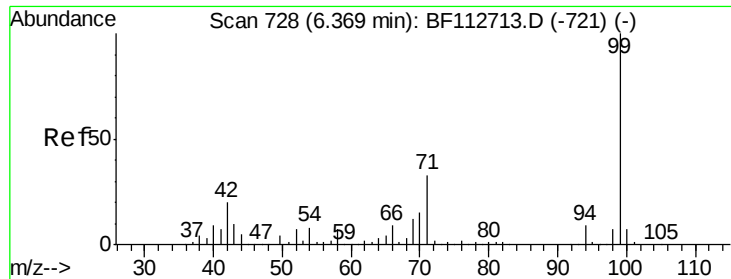
66 44.2 32.2 48.2

65 23.6 16.2 24.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.404 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB117655BS

Tot Ion: 99 Resp: 1728100

Ion Ratio Lower Upper

99 100

42 19.4 16.3 24.5

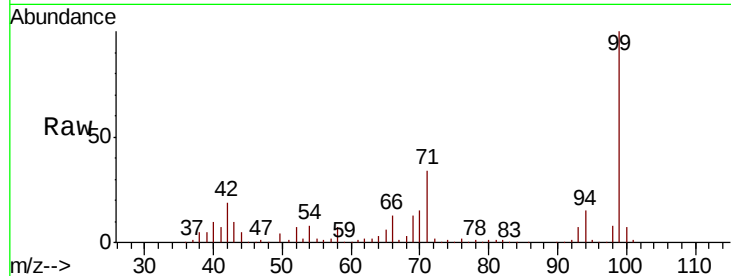
71 33.6 26.2 39.4

Manual Integrations

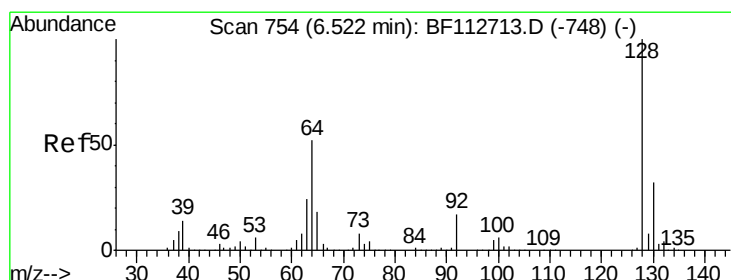
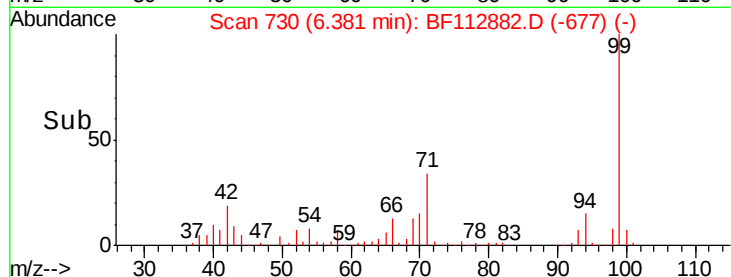
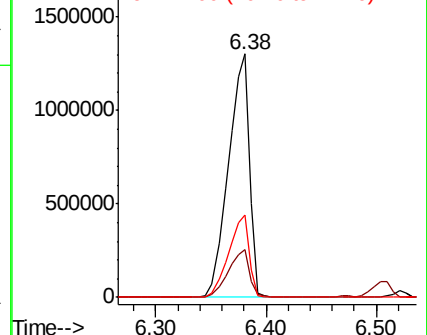
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.090 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

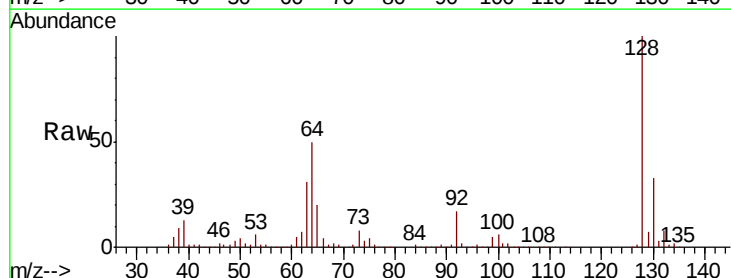
Tgt Ion:128 Resp: 514579

Ion Ratio Lower Upper

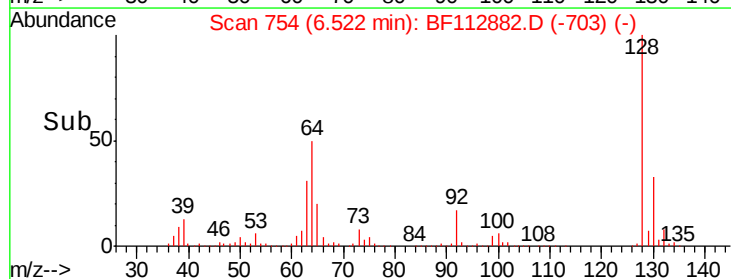
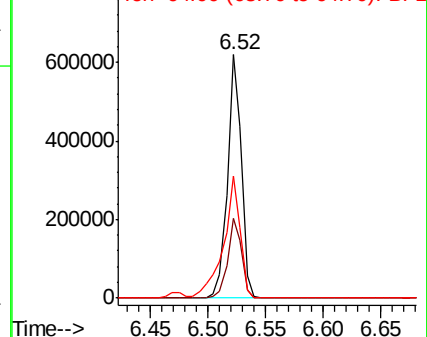
128 100

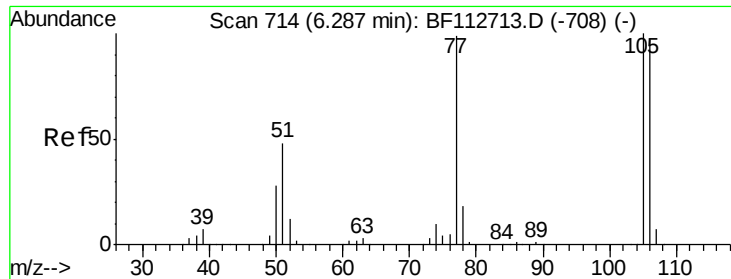
130 32.9 12.4 52.4

64 50.3 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





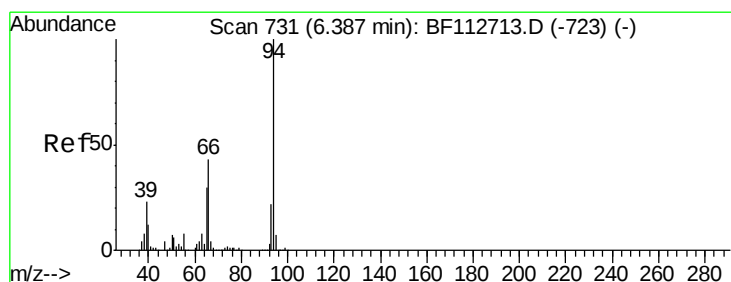
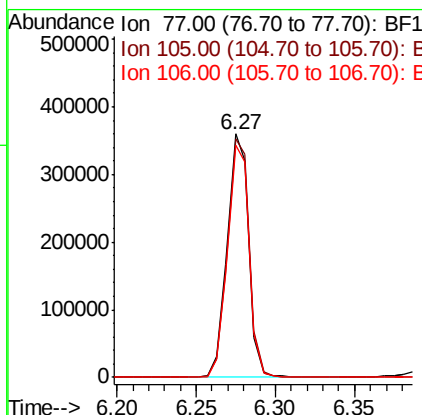
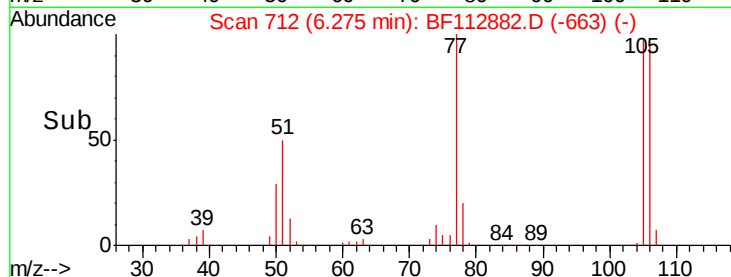
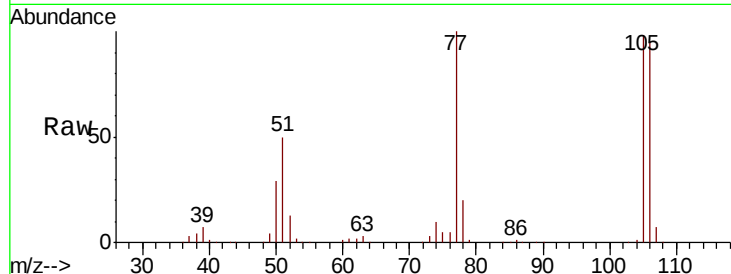
#9
Benzaldehyde
Concen: 29.060 ng
RT: 6.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleID :
PB117655BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.0	81.4	121.4
106	95.1	78.3	118.3

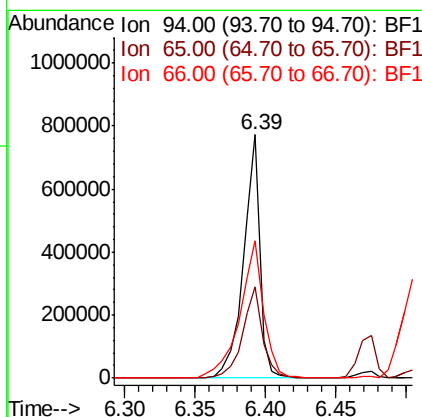
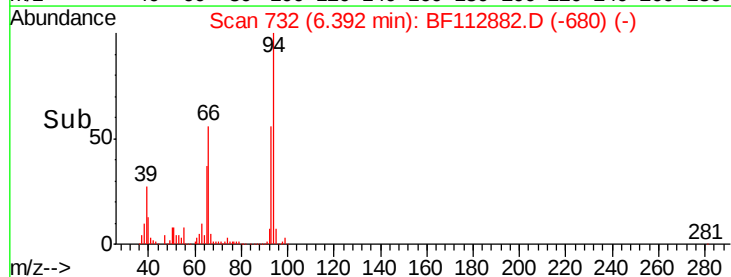
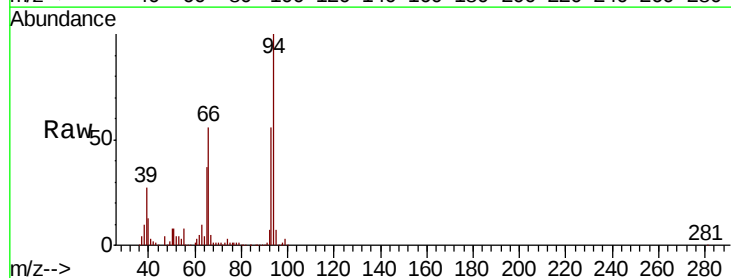
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#10
Phenol
Concen: 33.258 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.3	10.5	50.5
66	56.4	22.6	62.6





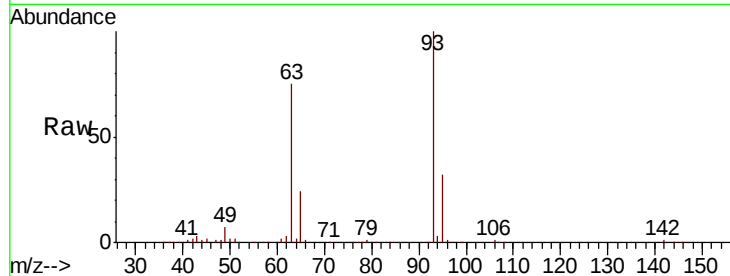
#11
 bis(2-Chloroethyl)ether
 Concen: 34.531 ng
 RT: 6.47 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB117655BS

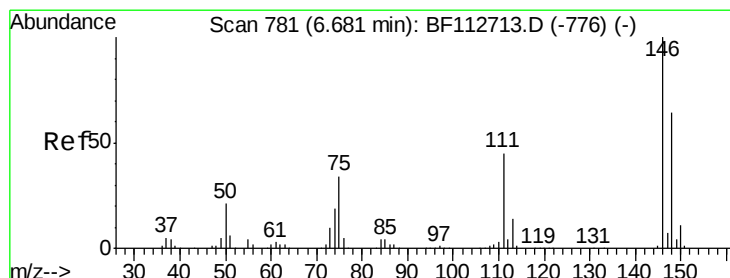
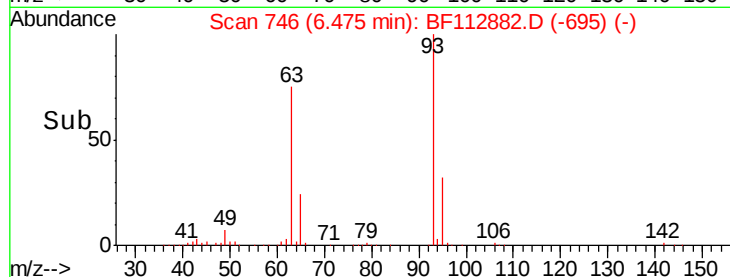
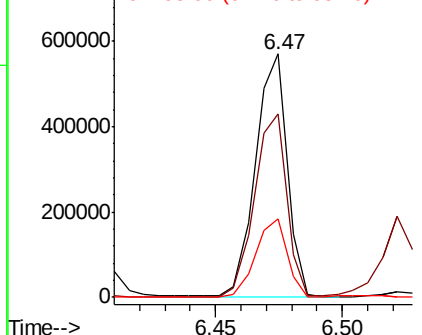
Tot Ion:	93	Resp:	497640
Ion Ratio	Lower	Upper	
93	100		
63	75.2	60.5	100.5
95	32.4	12.1	52.1

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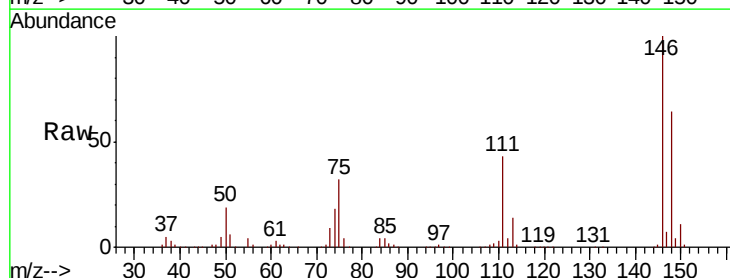


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

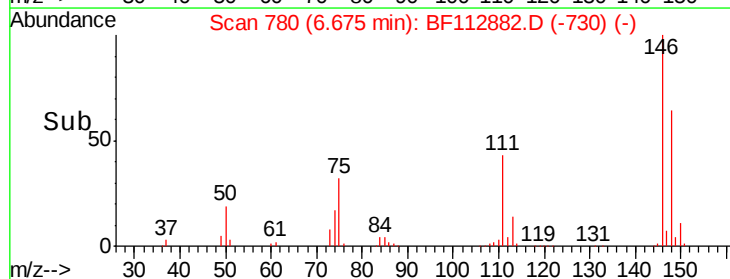
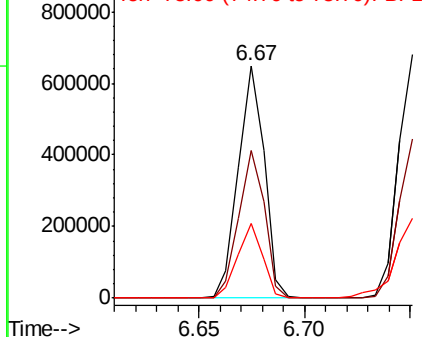


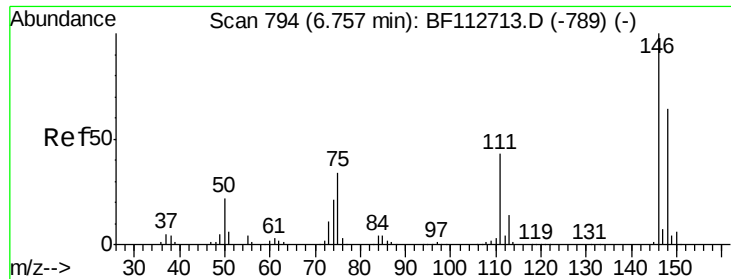
#12
 1,3-Dichlorobenzene
 Concen: 37.455 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Tgt Ion:	146	Resp:	551684
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.9	76.3
75	32.2	26.9	40.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1





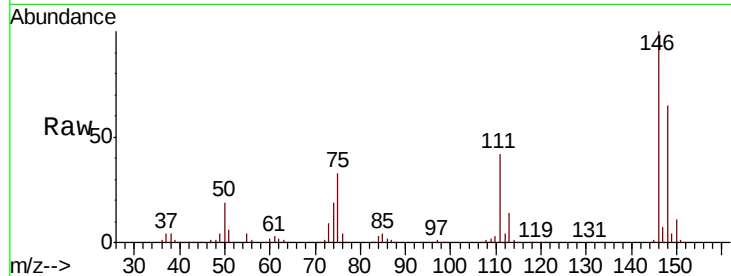
#13
 1,4-Dichlorobenzene
 Concen: 37.764 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB117655BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.0	76.4
111	41.5	34.5	51.7

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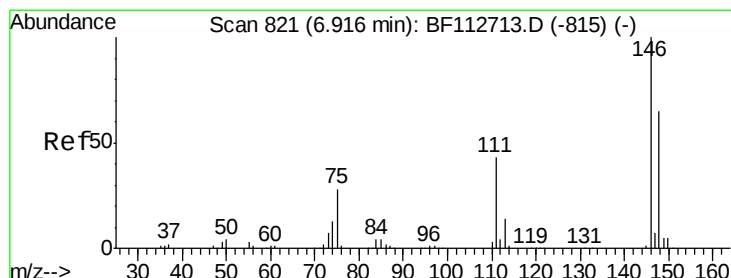
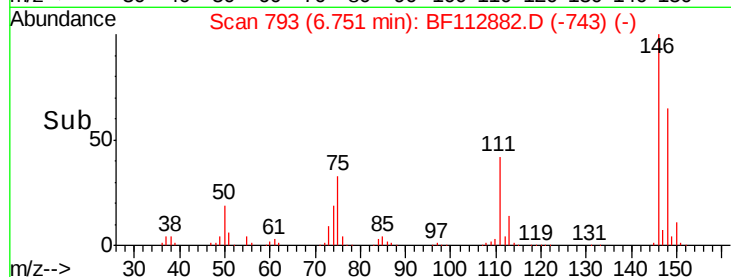
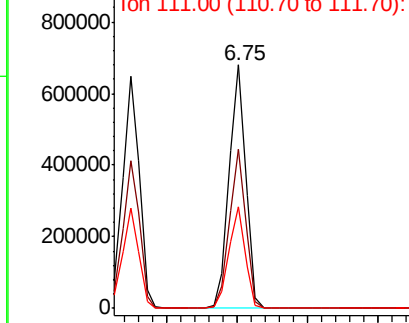


Abundance

Ion 146.00 (145.70 to 146.70): E

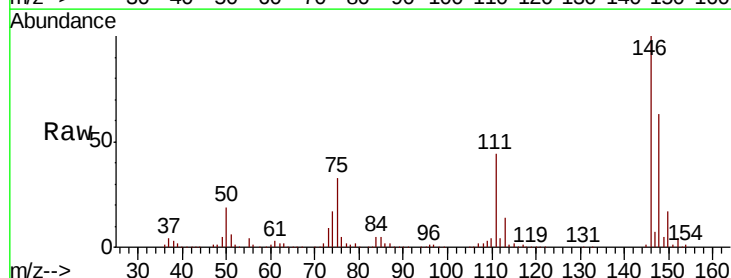
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.627 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.0	78.0
111	43.8	34.8	52.2

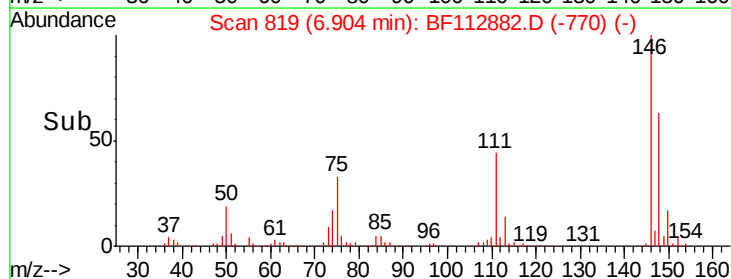
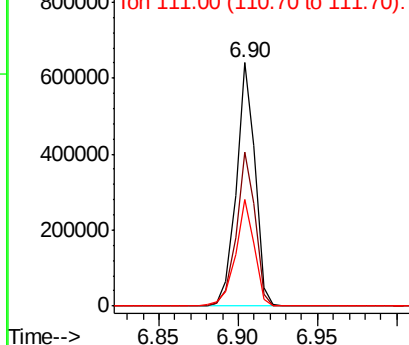


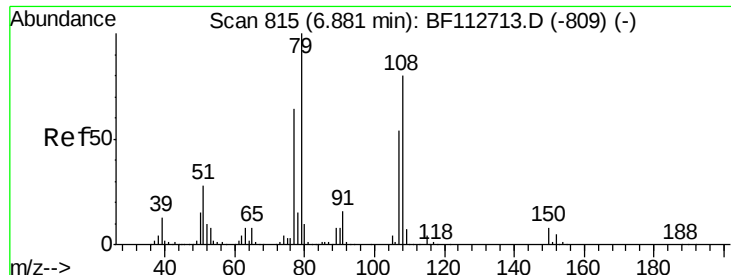
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.720 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_F

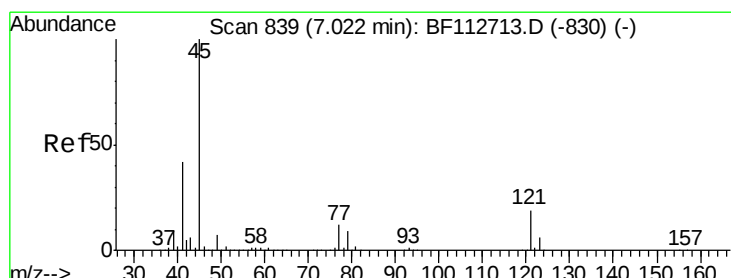
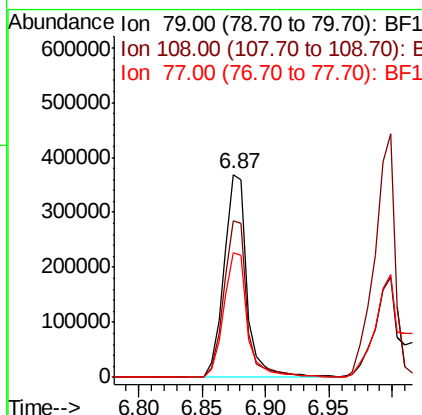
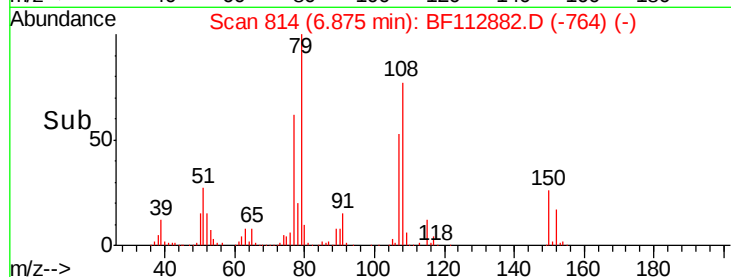
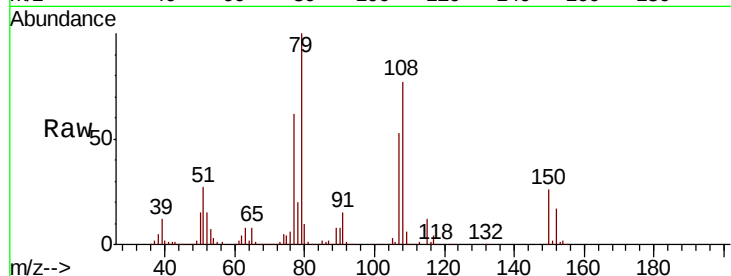
ClientSampleID :

PB117655BS

Tot Ion:	79	Resp:	462791
Ion Ratio	Lower	Upper	
79	100		
108	77.0	64.2	96.4
77	61.8	51.1	76.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.423 ng

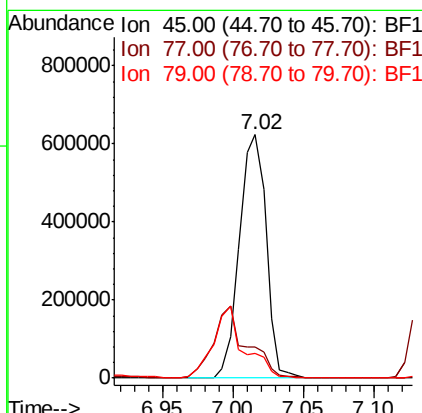
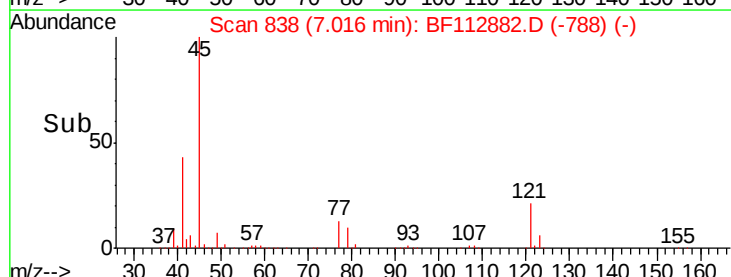
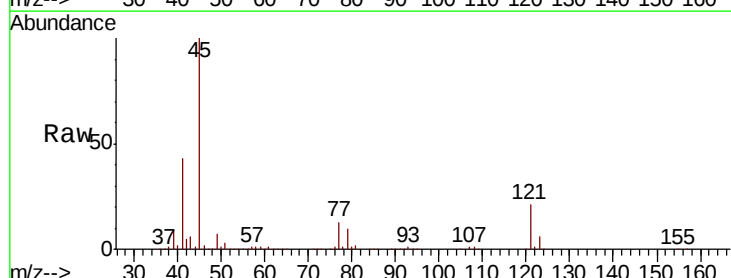
RT: 7.02 min Scan# 838

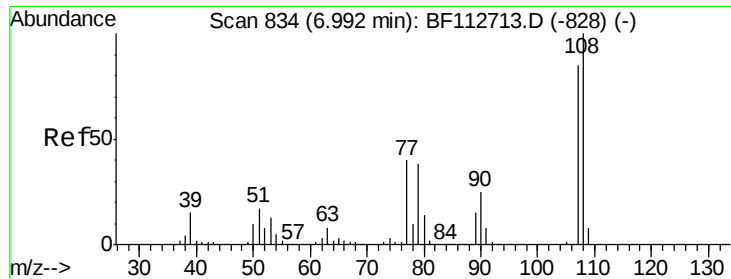
Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Tgt Ion:	45	Resp:	827885
Ion Ratio	Lower	Upper	
45	100		
77	13.0	0.0	32.1
79	10.1	0.0	29.4





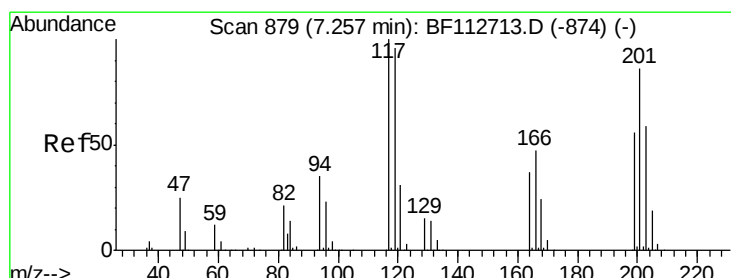
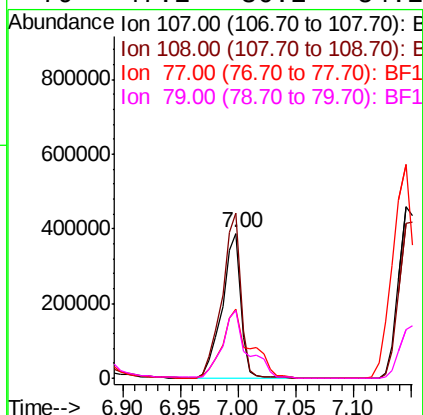
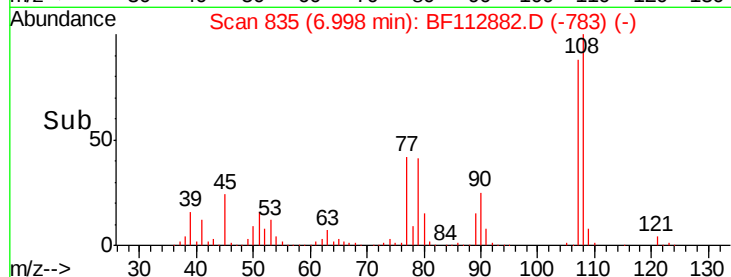
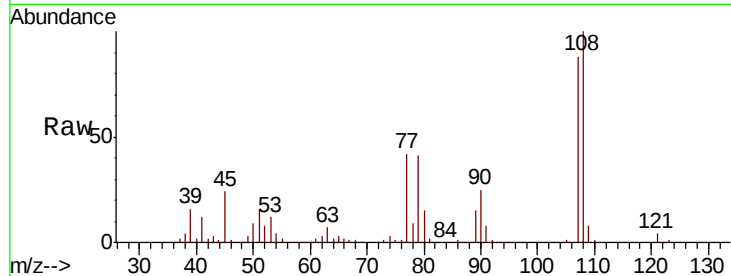
#17
2-Methylphenol
Concen: 37.999 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	94.6	142.0	
77	48.0	37.8	56.8	
79	47.2	36.2	54.2	

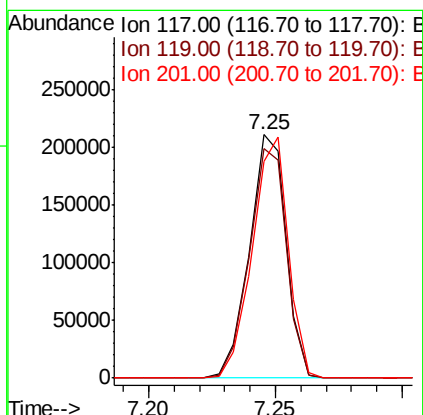
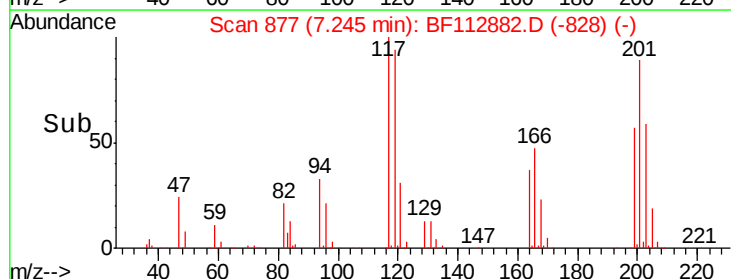
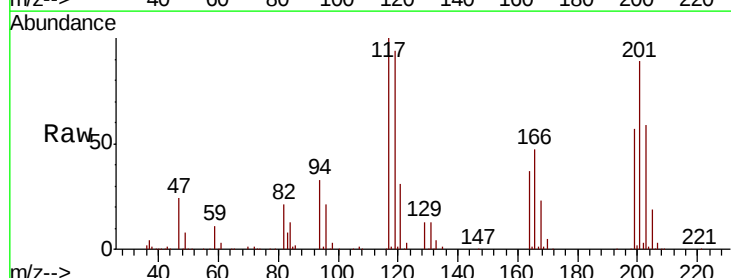
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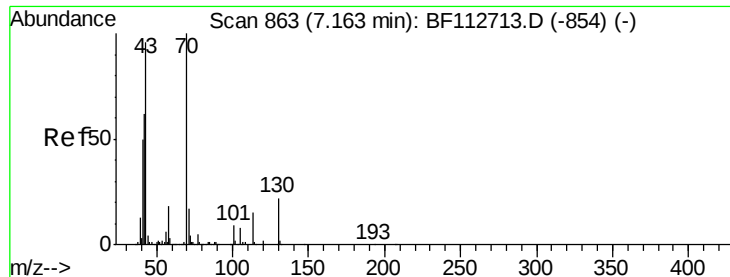
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#18
Hexachloroethane
Concen: 37.485 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	76.6	115.0	
201	89.2	68.9	103.3	





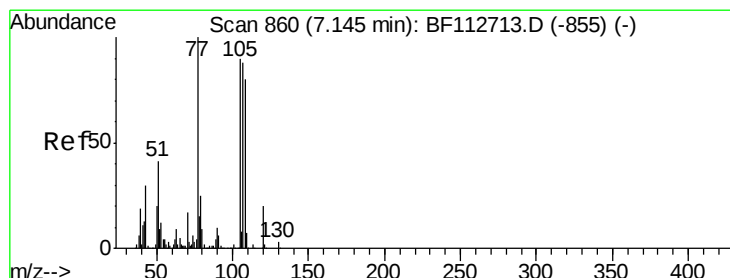
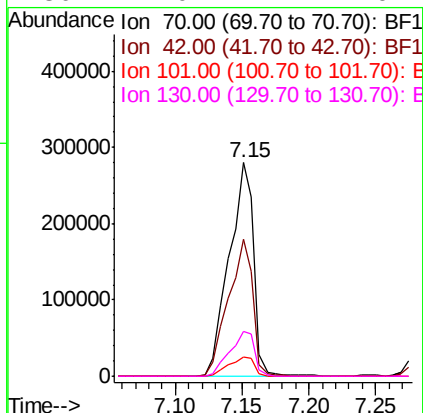
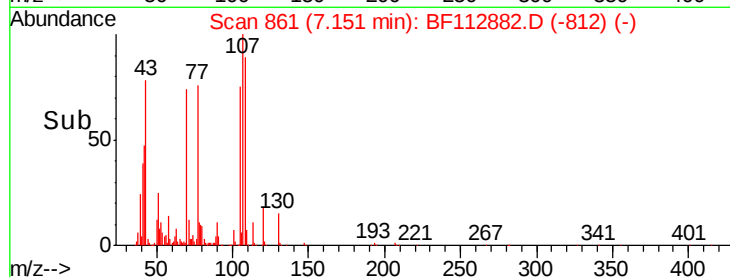
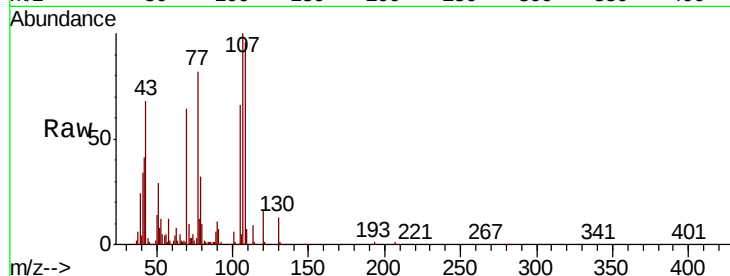
#19
n-Nitroso-di-n-propylamine
Concen: 35.533 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	63.9		49.9	74.9	
101	9.1		7.4	11.2	
130	21.0		17.4	26.2	

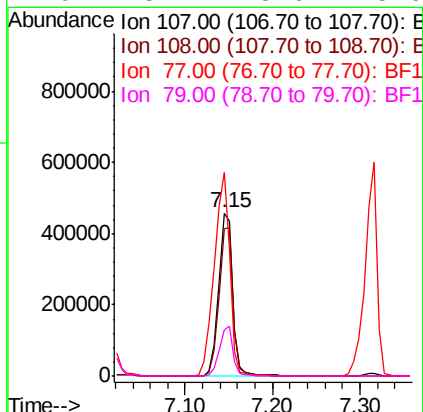
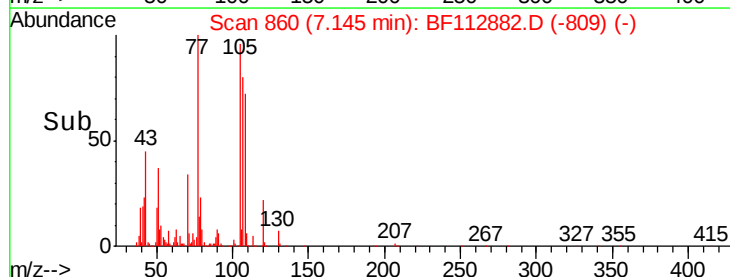
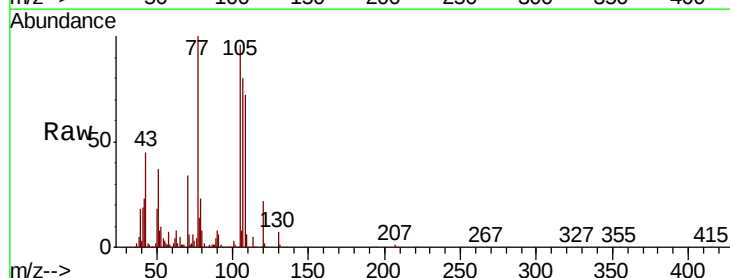
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#20
3+4-Methylphenols
Concen: 39.007 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.2		71.4	111.4	
77	124.8		94.1	134.1	
79	28.4		8.6	48.6	





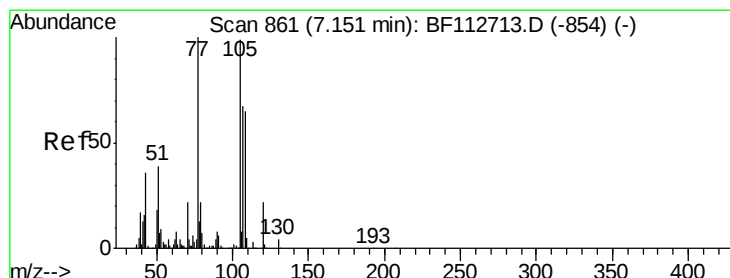
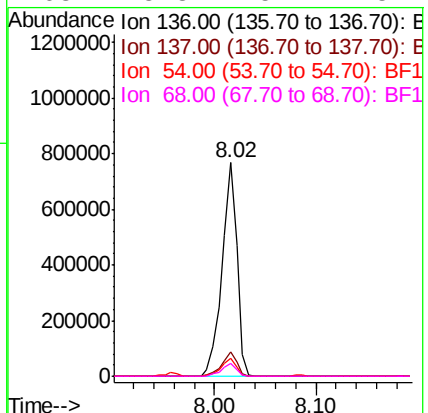
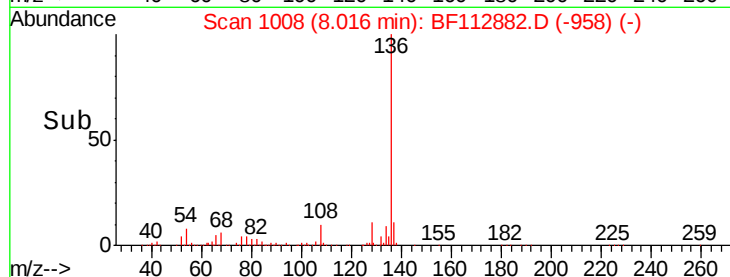
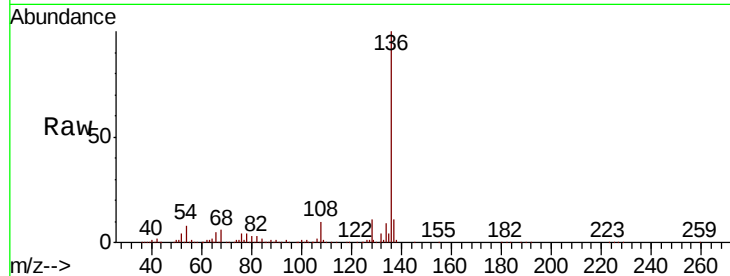
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	782470		
137	11.2	8.9	13.3	
54	8.3	7.3	10.9	
68	5.8	5.4	8.2	

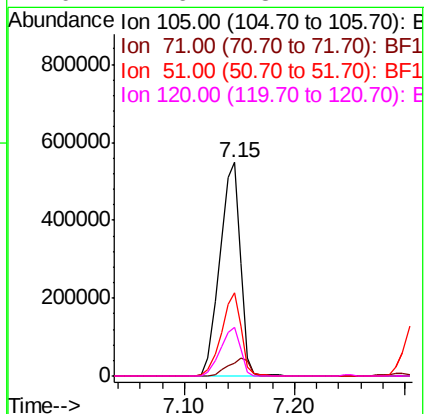
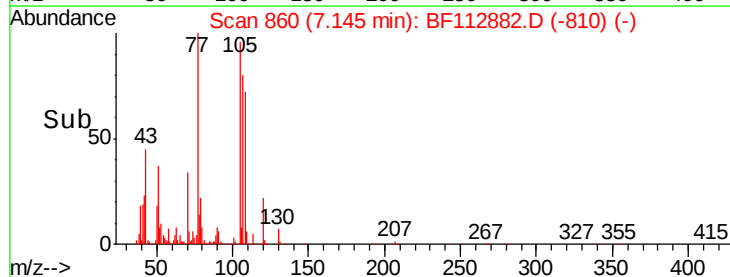
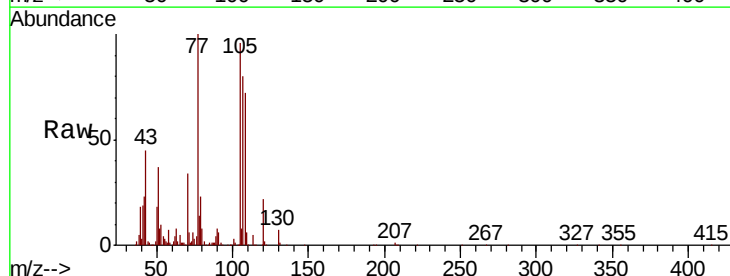
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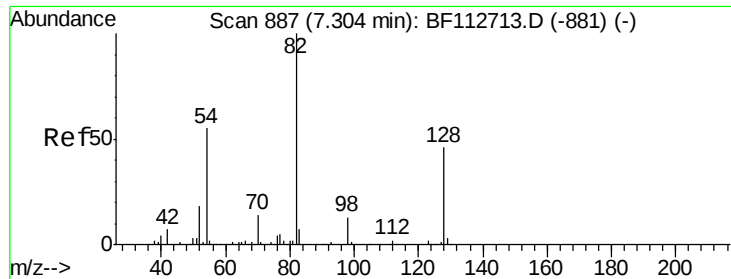
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#22
Acetophenone
Concen: 38.765 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	709256		
71	6.1	3.0	4.4#	
51	38.9	31.5	47.3	
120	22.6	18.1	27.1	





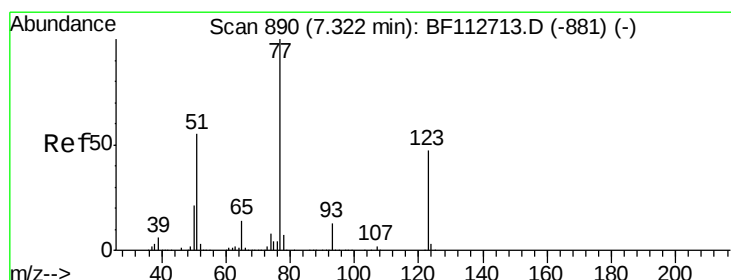
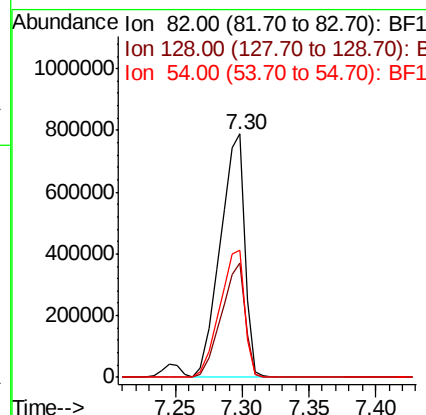
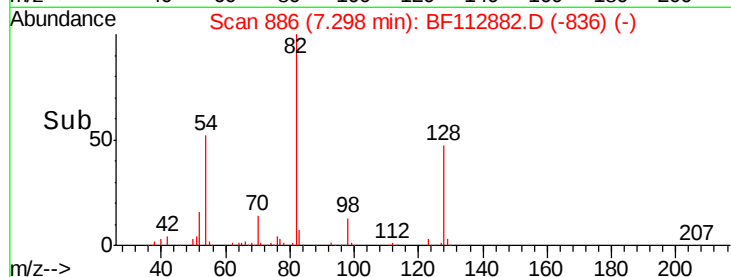
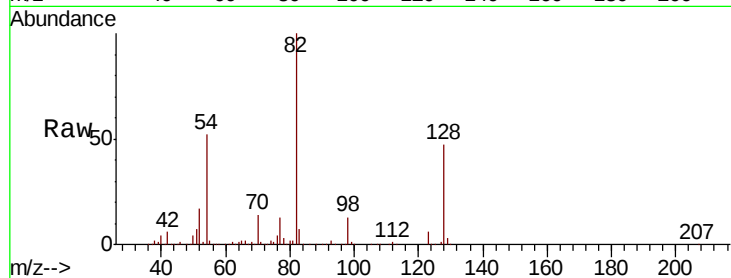
#23
 Nitrobenzene-d5
 Concen: 78.103 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Instrument :
 BNA_F
 ClientSampled :
 PB117655BS

Tot Ion: 82 Resp: 1021313
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.3 54.5
 54 52.0 43.7 65.5

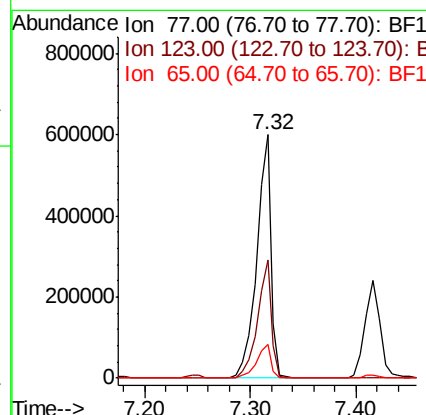
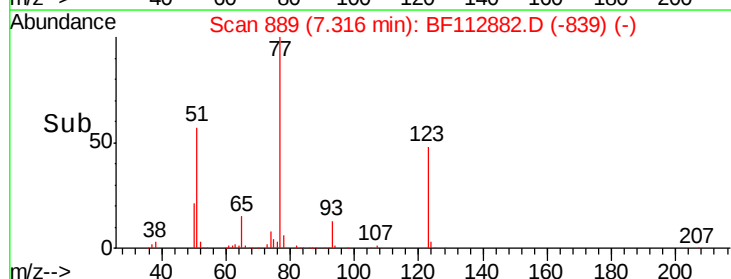
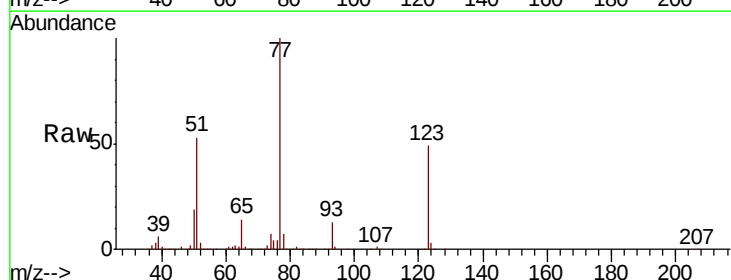
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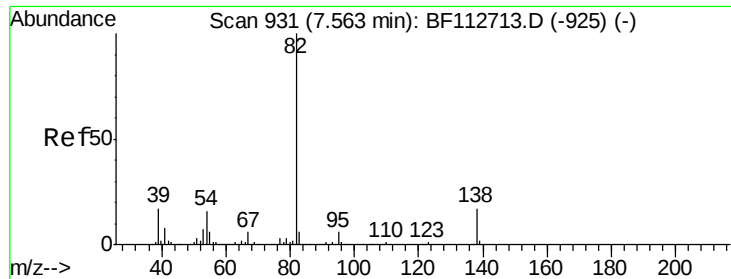
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#24
 Nitrobenzene
 Concen: 38.810 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Tgt Ion: 77 Resp: 564841
 Ion Ratio Lower Upper
 77 100
 123 48.8 37.8 56.6
 65 13.9 11.1 16.7





#25

Isophorone

Concen: 37.430 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB117655BS

Tot Ion: 82 Resp: 1054453

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

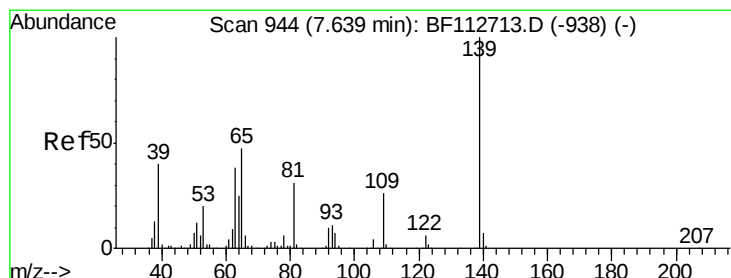
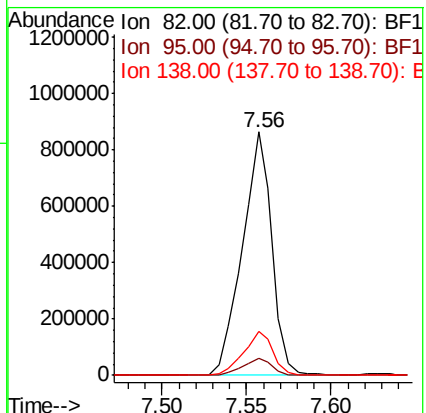
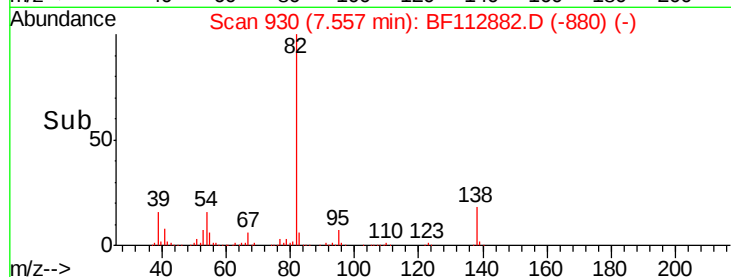
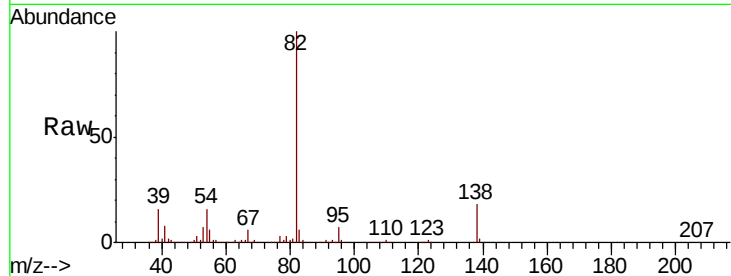
138 17.8 13.8 20.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 47.447 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

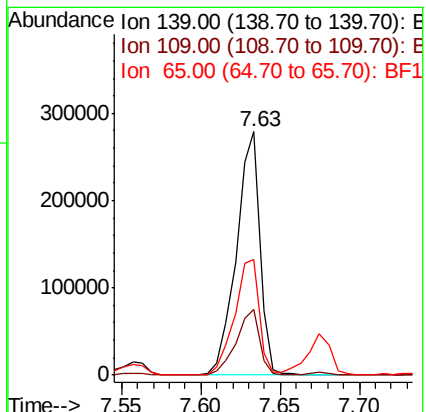
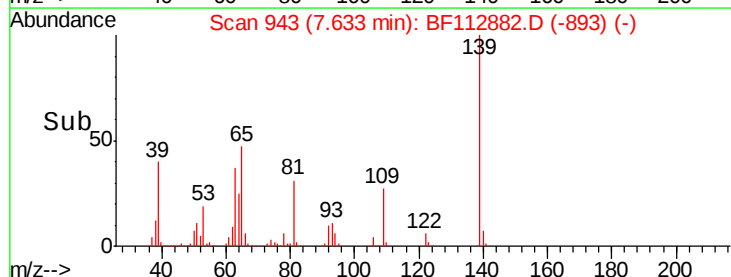
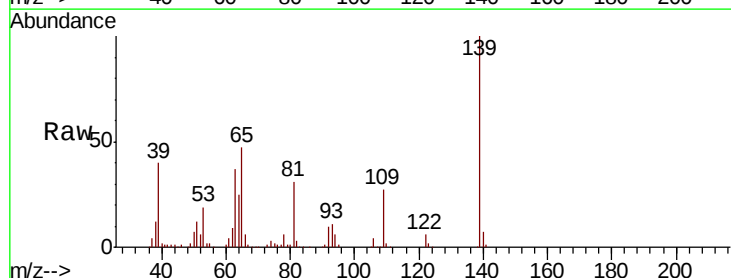
Tgt Ion: 139 Resp: 287460

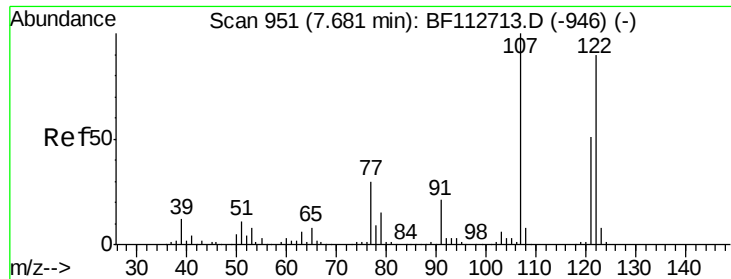
Ion Ratio Lower Upper

139 100

109 27.2 20.6 31.0

65 47.4 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 42.699 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_F

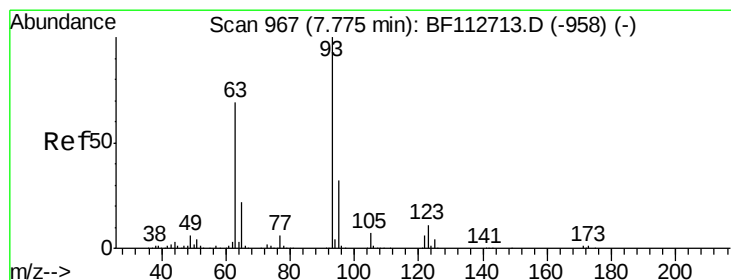
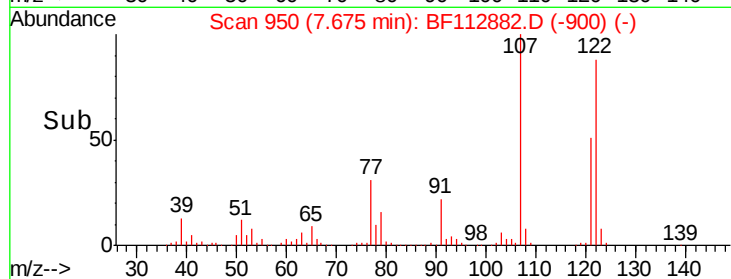
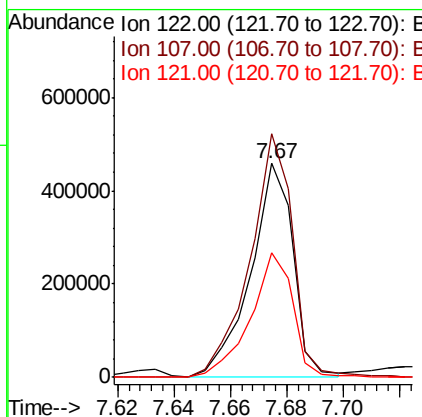
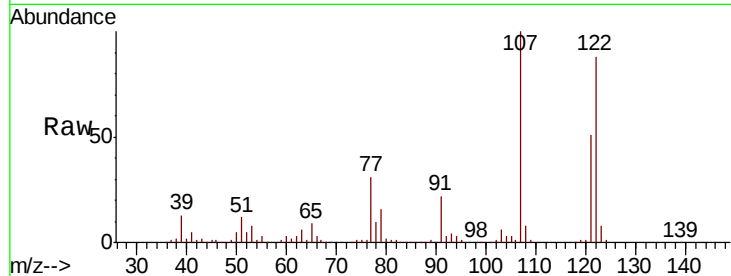
ClientSampleId :

PB117655BS

Tot Ion:	122	Resp:	481275
Ion Ratio	Lower	Upper	
122	100		
107	113.8	89.4	134.0
121	58.0	45.5	68.3

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#28

bis(2-Chloroethoxy)methane

Concen: 37.076 ng

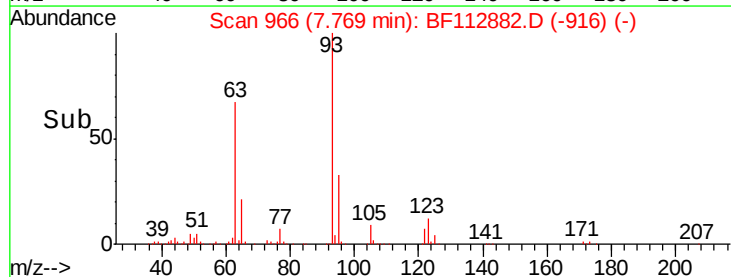
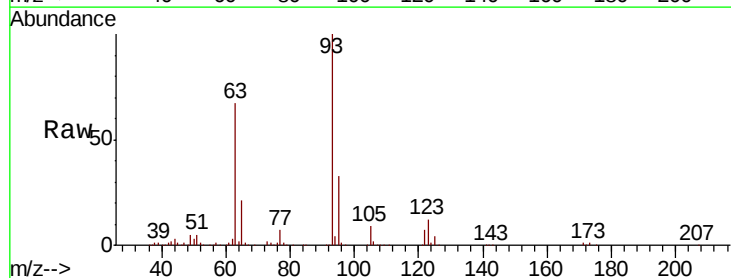
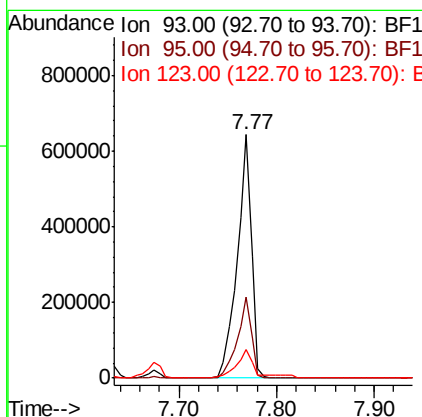
RT: 7.77 min Scan# 966

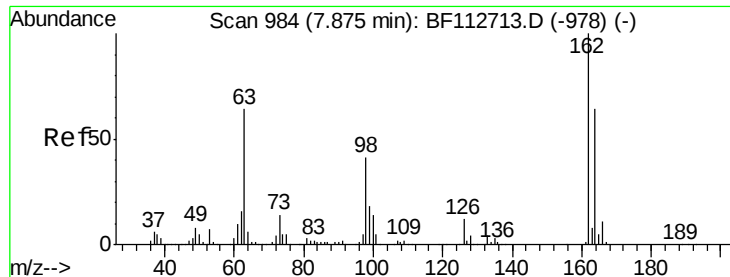
Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Tgt Ion:	93	Resp:	653028
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.0	39.0
123	11.7	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 41.806 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_F

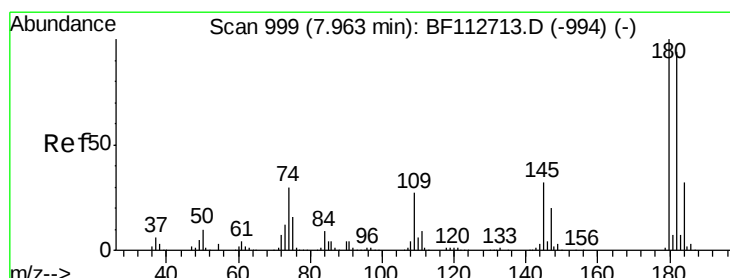
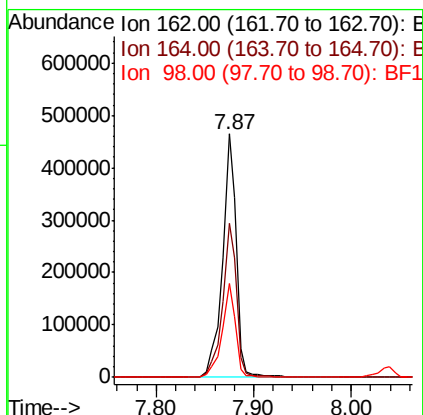
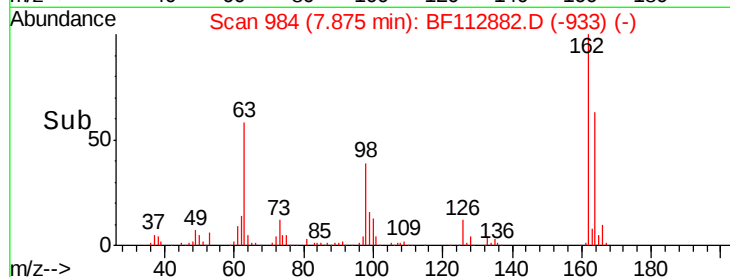
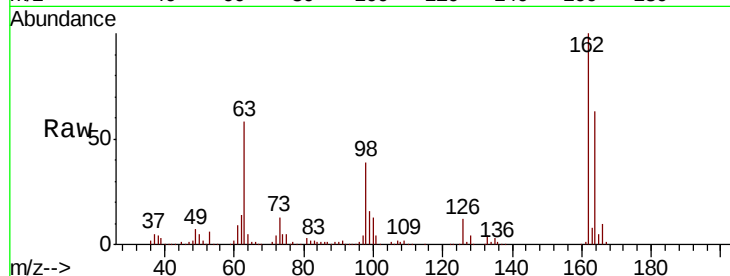
ClientSampleId :

PB117655BS

Tot Ion:	162	Resp:	456959
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.0	84.0
98	38.7	20.7	60.7

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 42.240 ng

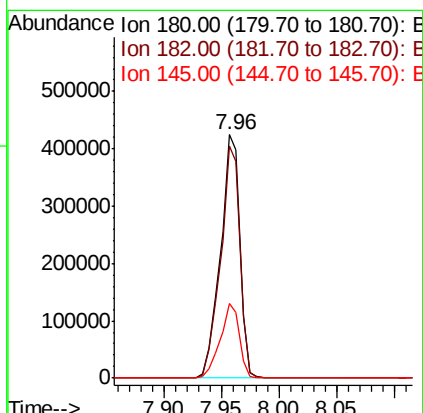
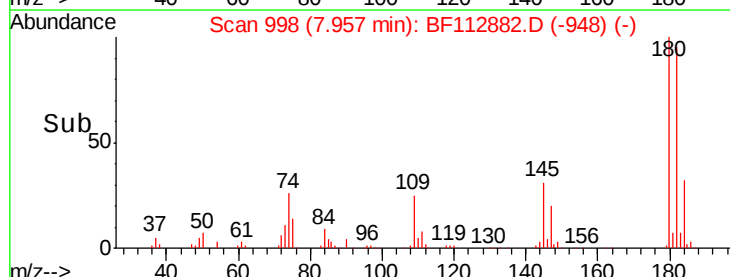
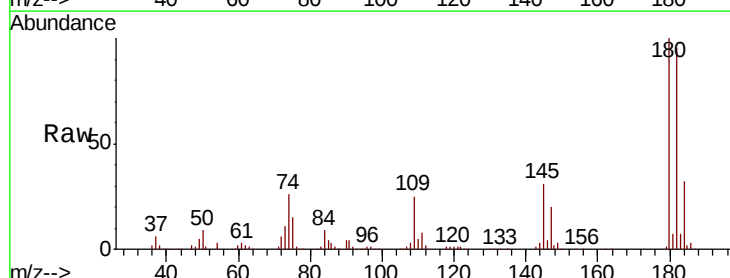
RT: 7.96 min Scan# 998

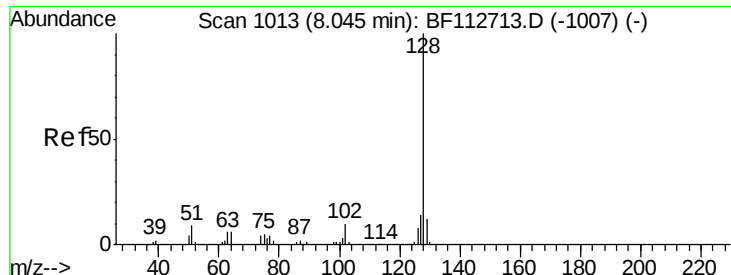
Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Tgt Ion:	180	Resp:	496093
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.2	112.8
145	30.7	25.4	38.0





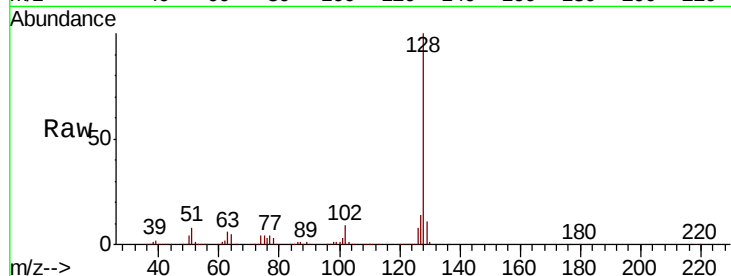
#31
Naphthalene
Concen: 39.143 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.6	10.9	16.3

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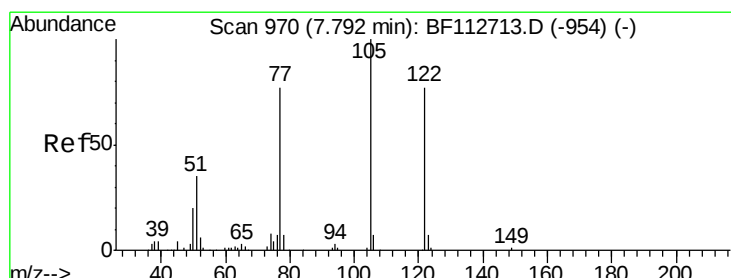
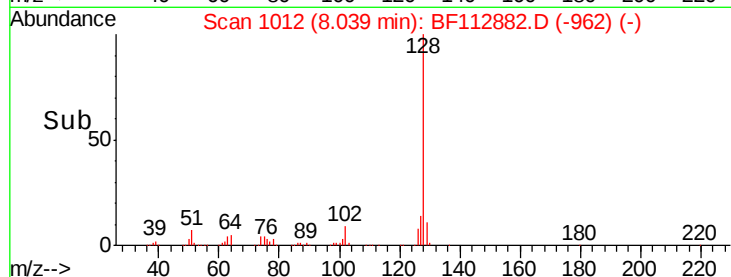
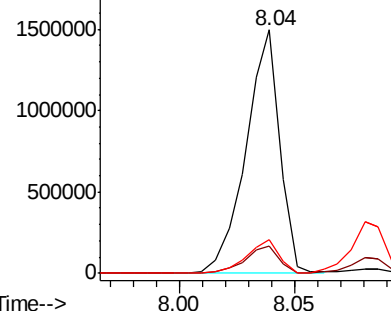


Abundance

Ion 128.00 (127.70 to 128.70): E

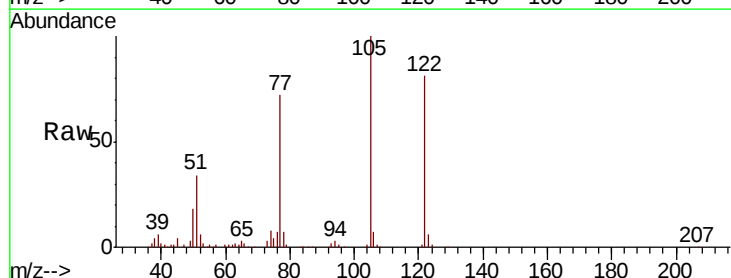
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 48.079 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.02 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.2	106.8	146.8
77	89.5	79.4	119.4

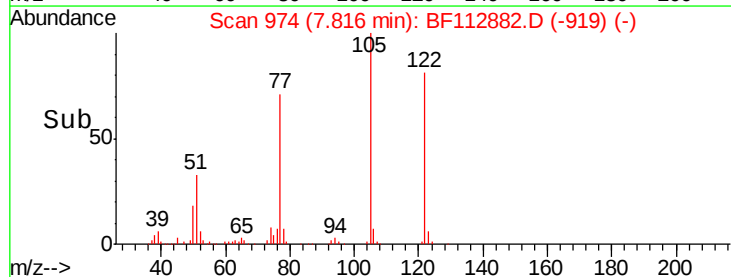
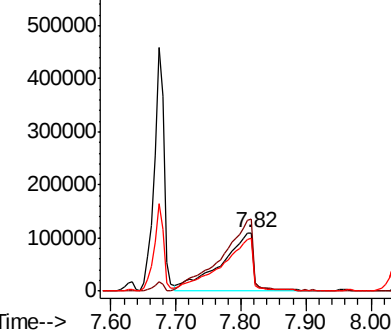


Abundance

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): BF1





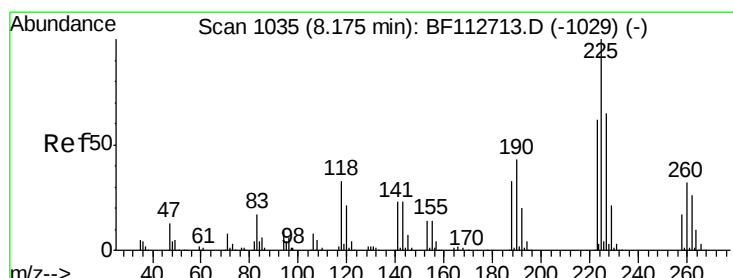
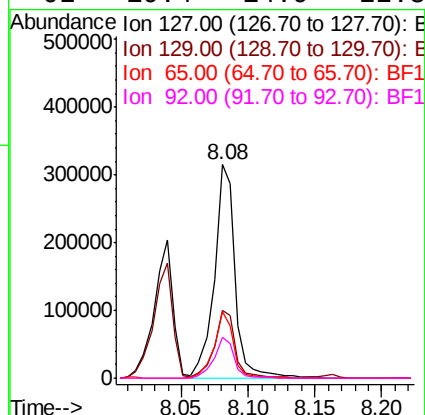
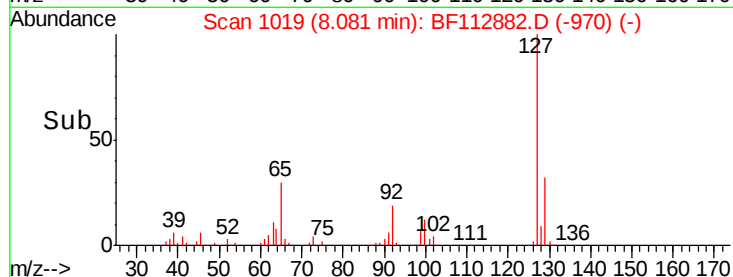
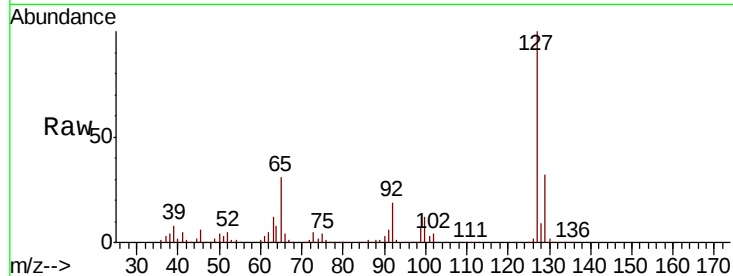
#33
4-Chloroaniline
Concen: 20.873 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.9	26.4	39.6	
65	31.0	23.1	34.7	
92	19.4	14.9	22.3	

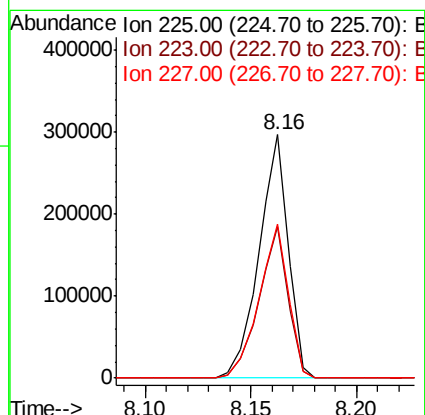
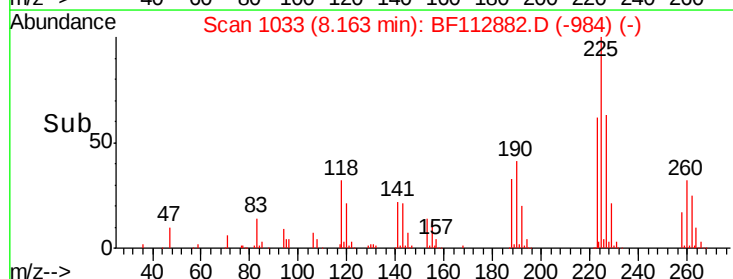
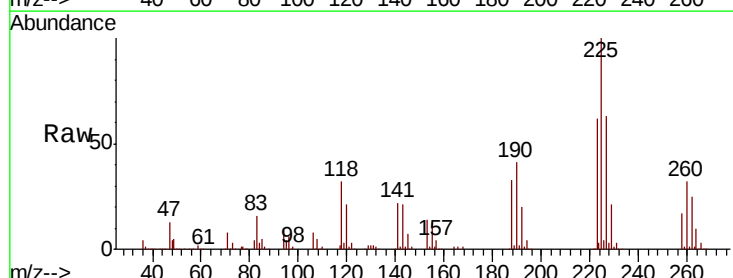
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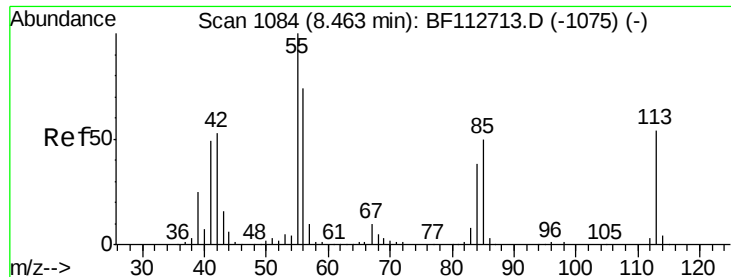
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#34
Hexachlorobutadiene
Concen: 43.081 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	49.7	74.5	
227	63.3	52.1	78.1	





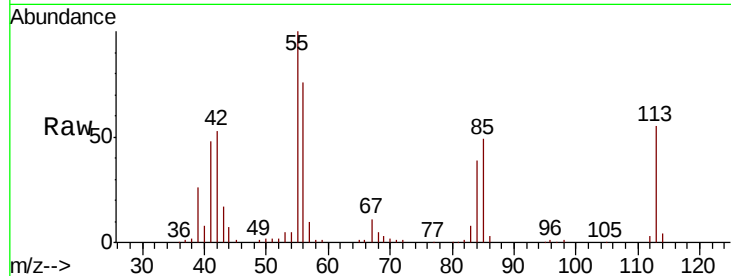
#35
Caprolactam
Concen: 39.163 ng/ml
RT: 8.46 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	180.4	163.5	203.5
56	137.7	115.3	155.3

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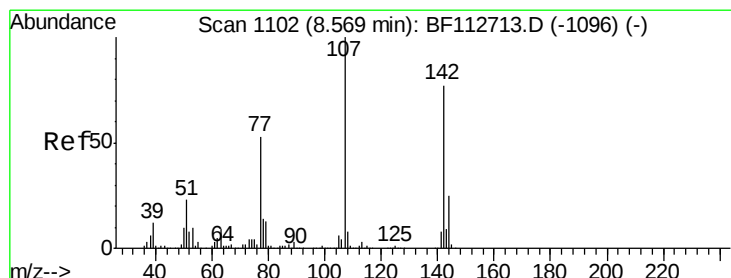
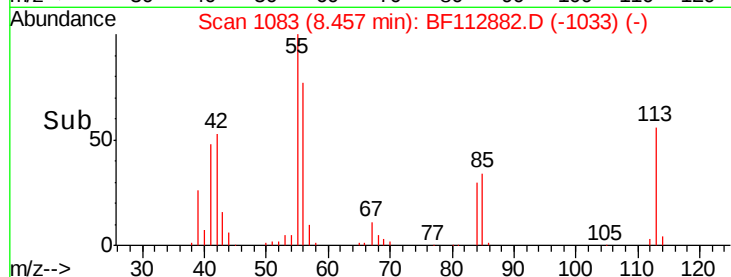
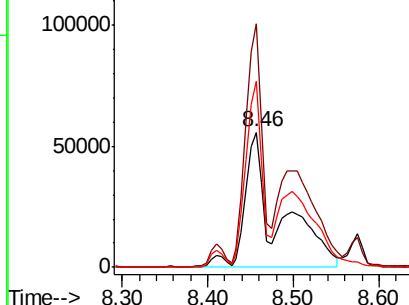


Abundance

Ion 113.00 (112.70 to 113.70): E

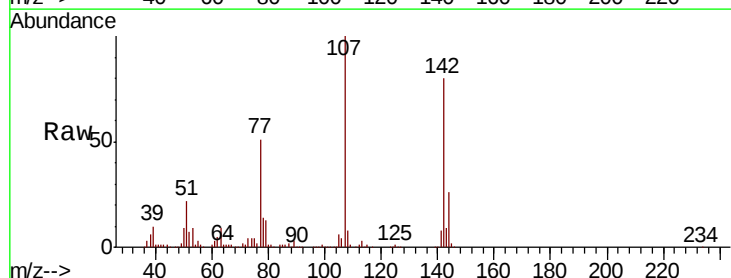
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 39.444 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.1	30.1
142	79.9	61.9	92.9

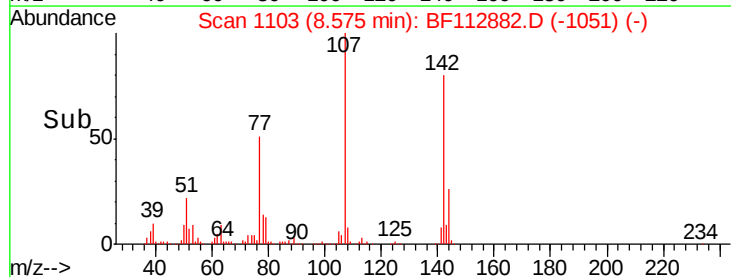
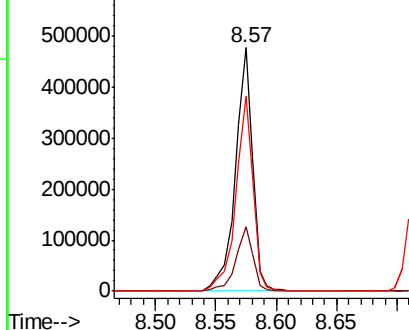


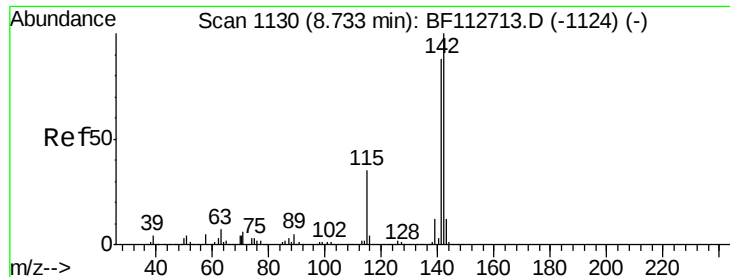
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





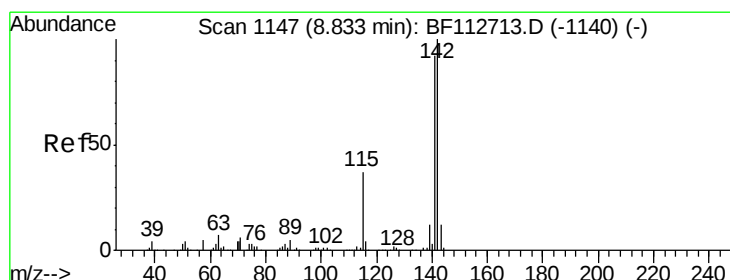
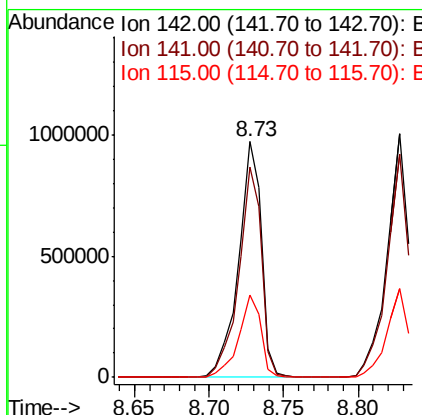
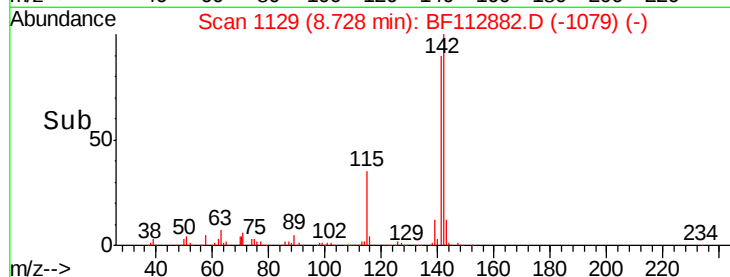
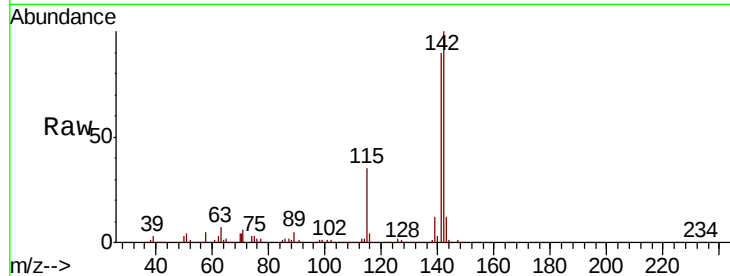
#37
2-Methylnaphthalene
Concen: 41.221 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Tot Ion:142 Resp: 1034136
Ion Ratio Lower Upper
142 100
141 89.6 70.3 105.5
115 34.9 27.8 41.6

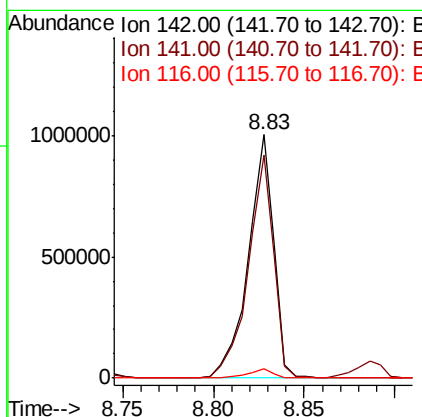
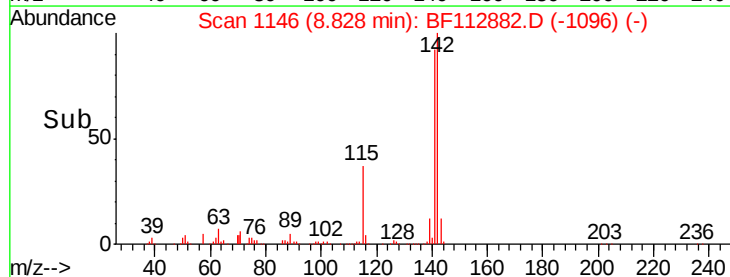
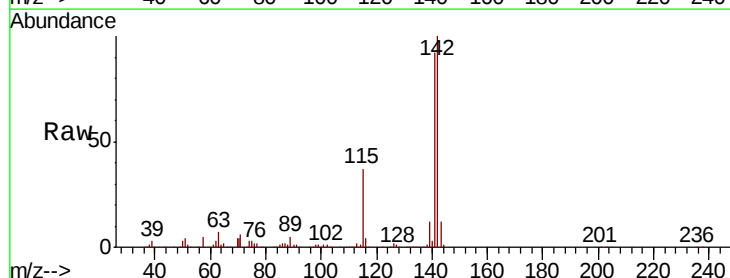
Manual Integrations
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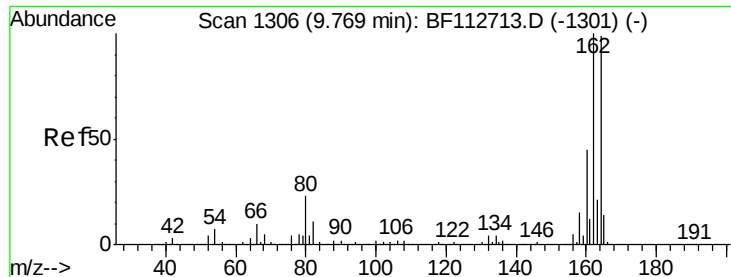
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#38
1-Methylnaphthalene
Concen: 40.040 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion:142 Resp: 973039
Ion Ratio Lower Upper
142 100
141 91.5 73.7 110.5
116 3.8 3.1 4.7





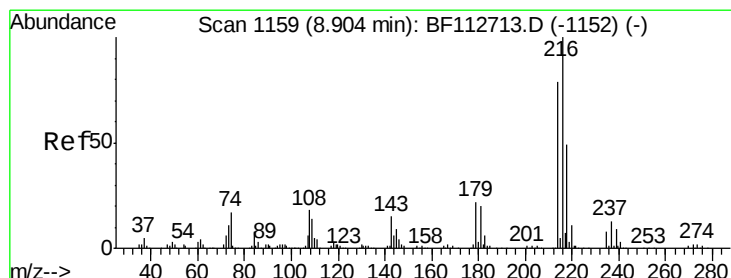
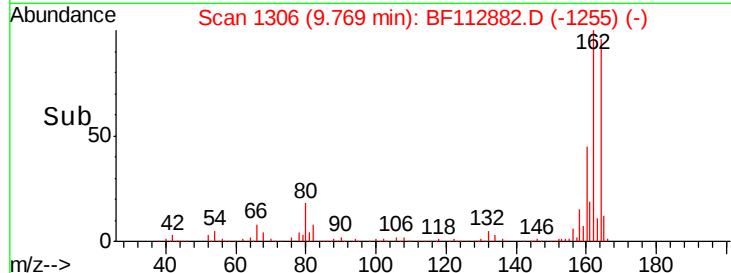
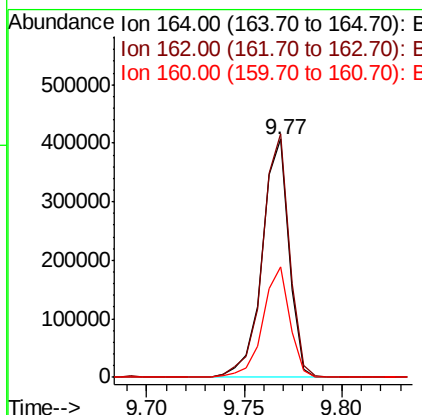
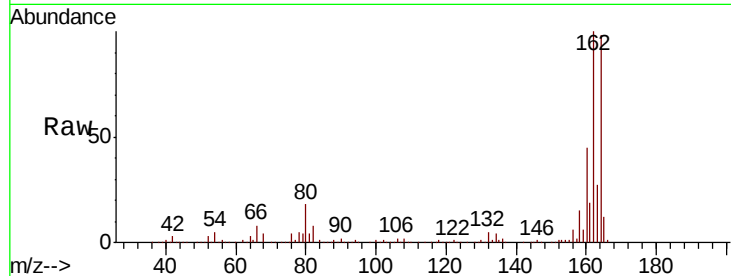
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	120.8
160	46.1	36.0	54.0

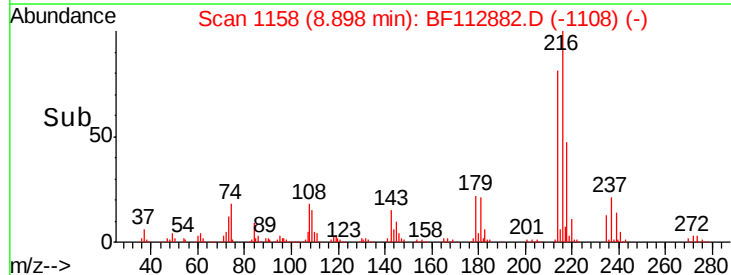
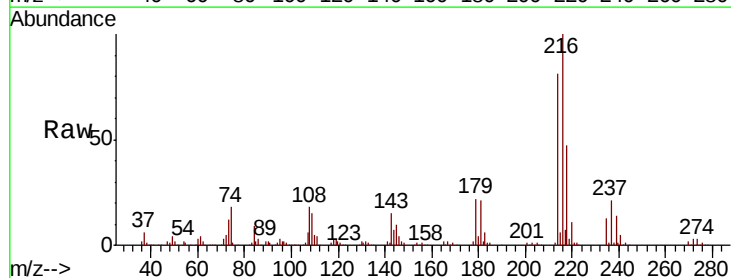
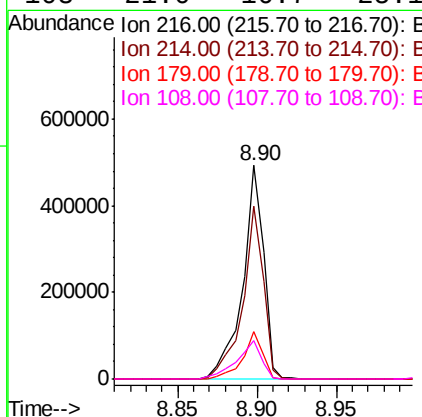
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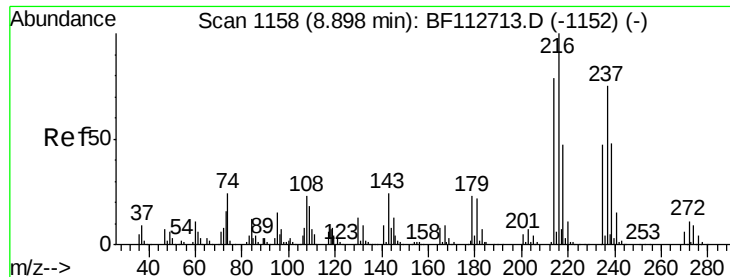
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.611 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.2	94.8
179	21.2	17.5	26.3
108	21.0	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 98.558 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_F

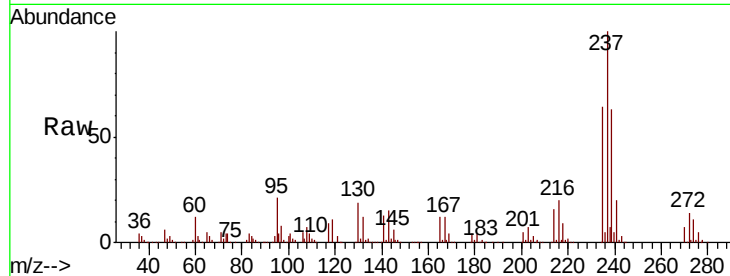
ClientSampleId :

PB117655BS

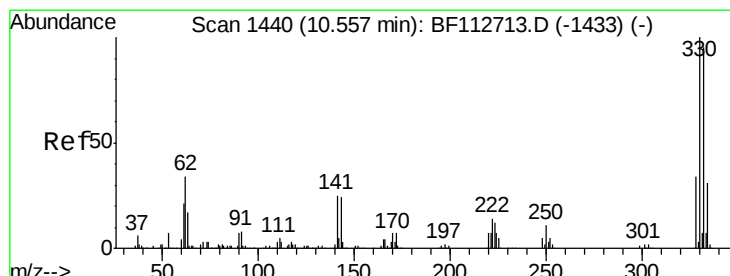
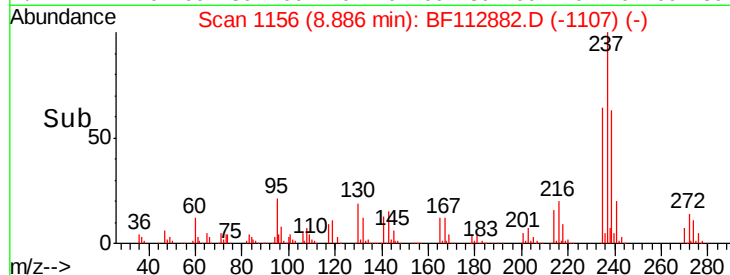
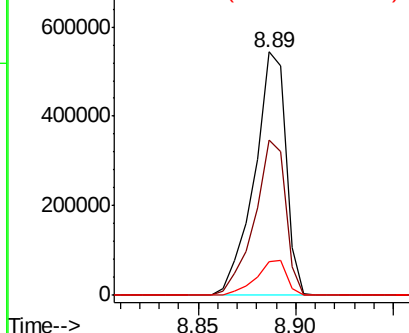
Tot Ion:	237	Resp:	610278
Ion Ratio	Lower	Upper	
237	100		
235	64.0	42.2	82.2
272	13.9	0.0	34.0

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



#42

2,4,6-Tribromophenol

Concen: 133.559 ng

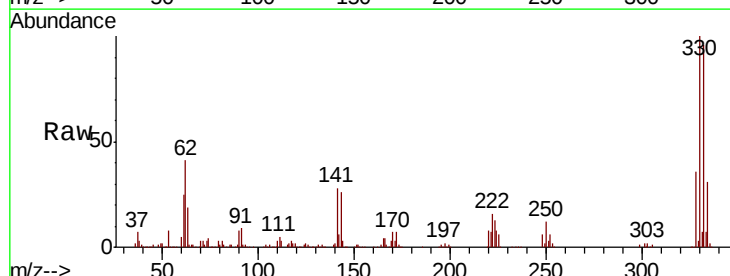
RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

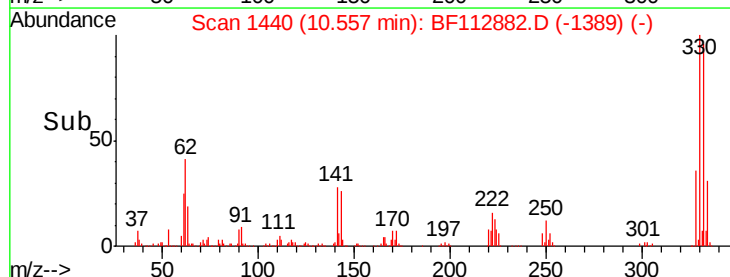
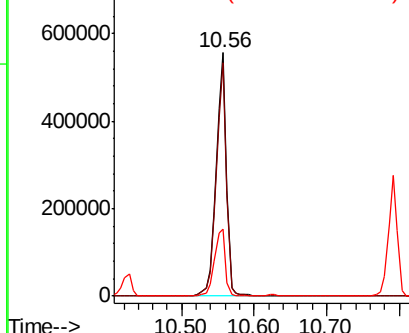
Lab File: BF112882.D

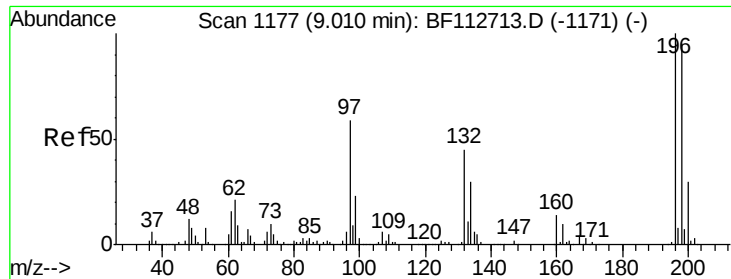
Acq: 6 Mar 2019 13:50

Tgt Ion:	330	Resp:	549810
Ion Ratio	Lower	Upper	
330	100		
332	95.2	76.2	114.4
141	29.6	27.0	40.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





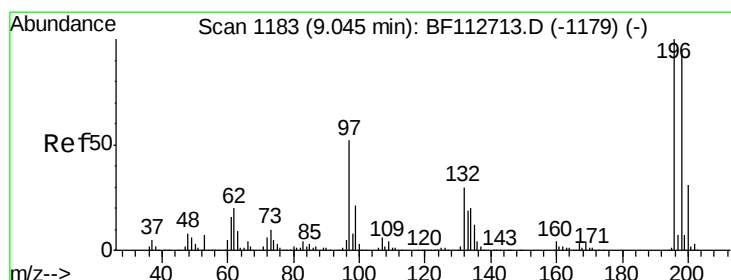
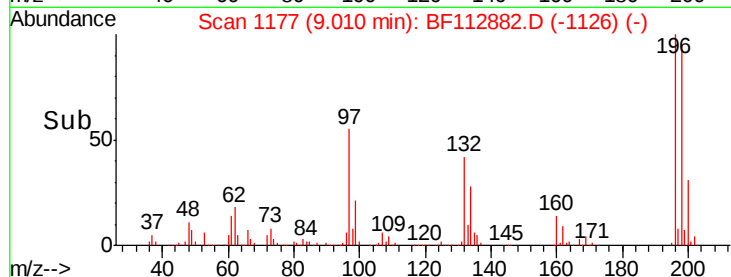
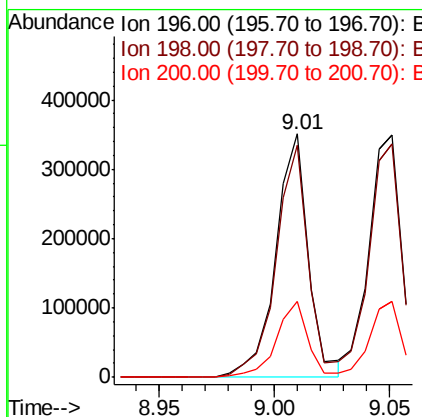
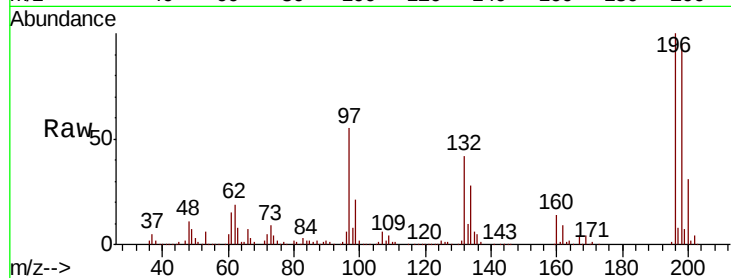
#43
 2,4,6-Trichlorophenol
 Concen: 44.053 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB117655BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	342828		
198	95.2	75.8	113.8	
200	31.2	24.3	36.5	

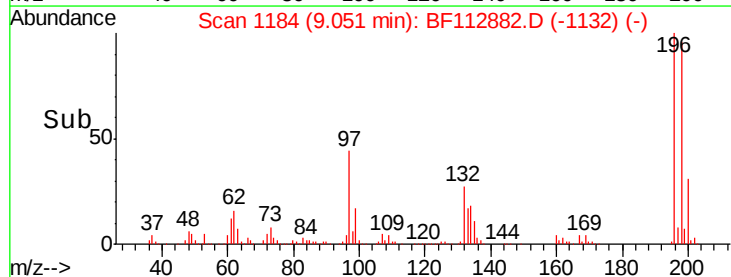
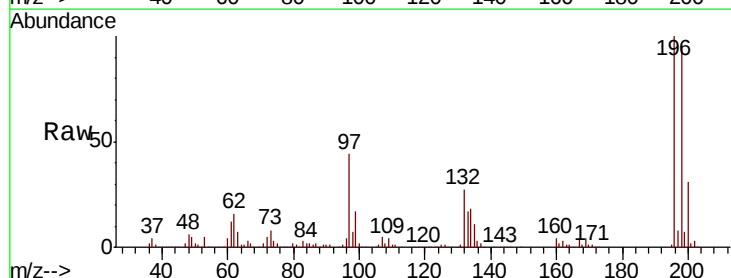
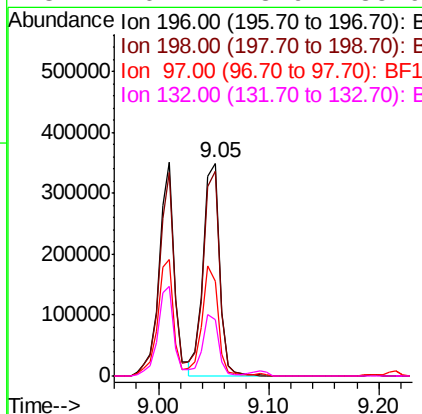
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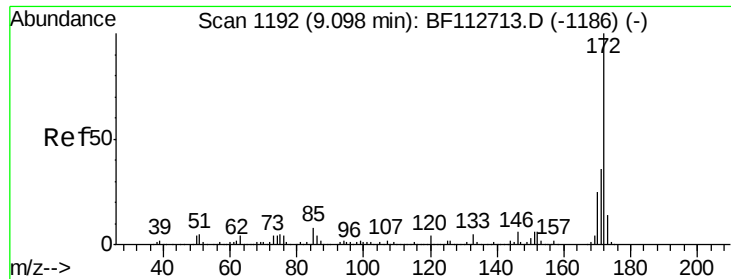
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#44
 2,4,5-Trichlorophenol
 Concen: 41.565 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	349633		
198	96.4	76.2	114.2	
97	44.5	41.5	62.3	
132	26.7	23.9	35.9	





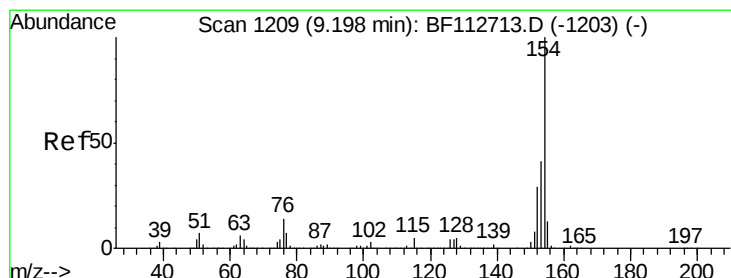
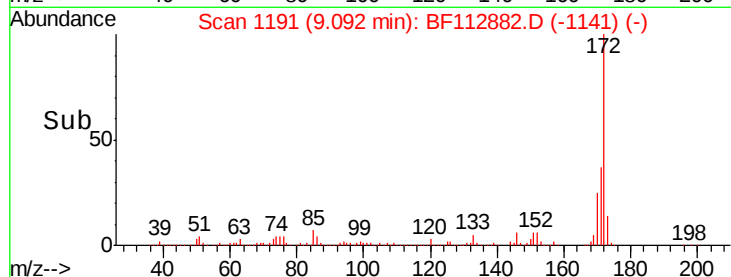
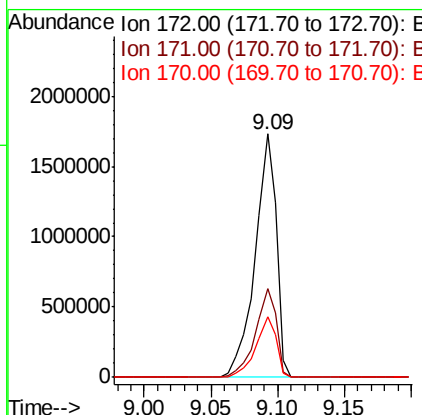
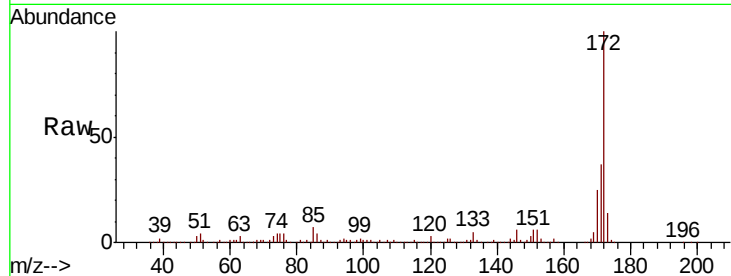
#45
2-Fluorobiphenyl
Concen: 78.525 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	24.7	20.0	30.0

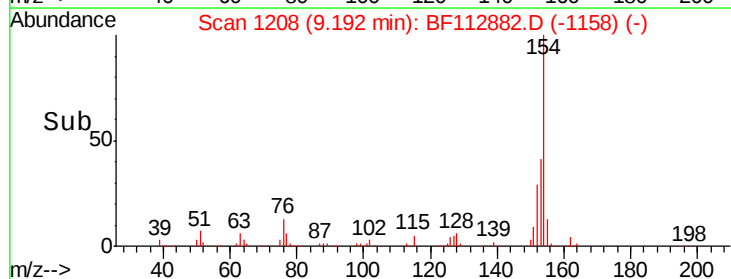
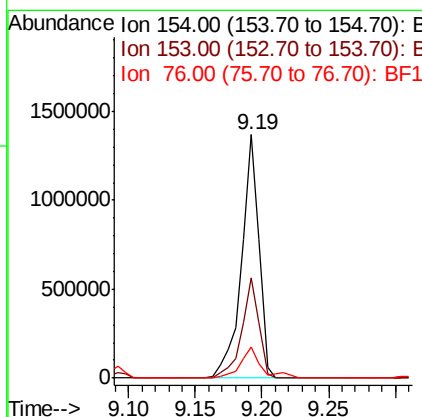
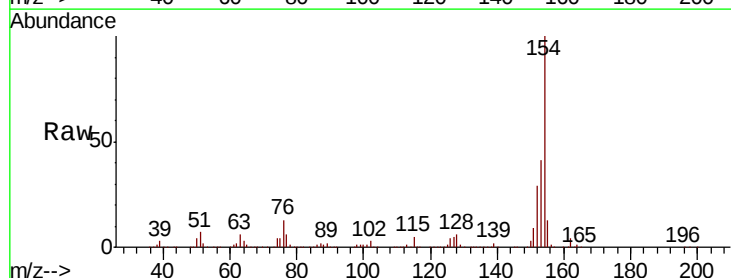
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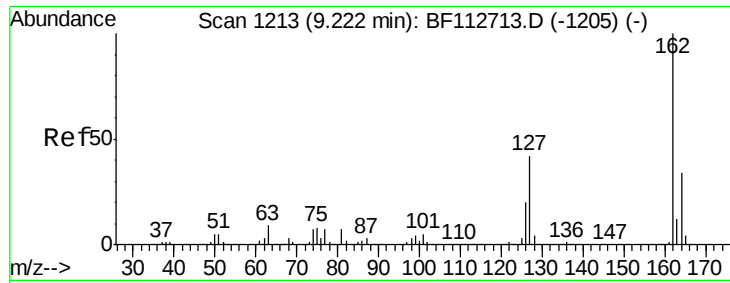
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#46
1,1'-Biphenyl
Concen: 39.290 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.8	60.8
76	13.0	0.0	33.8





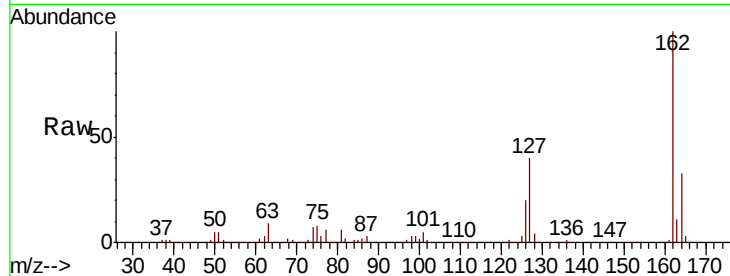
#47
2-Chloronaphthalene
Concen: 38.828 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.5	33.4	50.2
164	33.2	26.9	40.3

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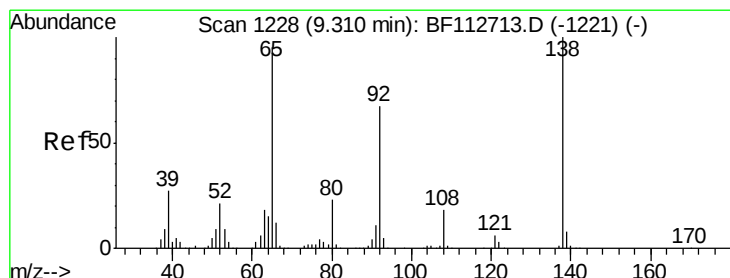
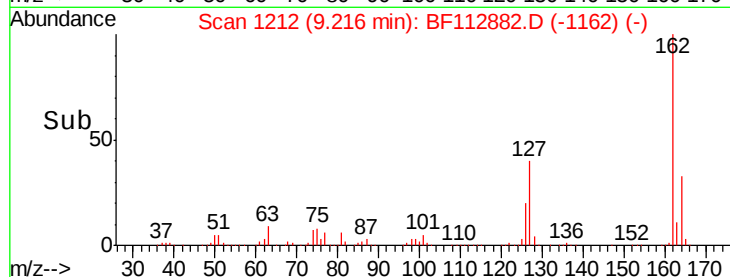
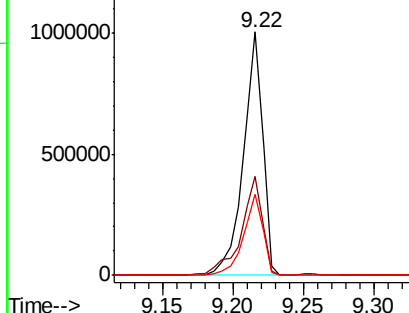


Abundance

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



#48
2-Nitroaniline
Concen: 40.602 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

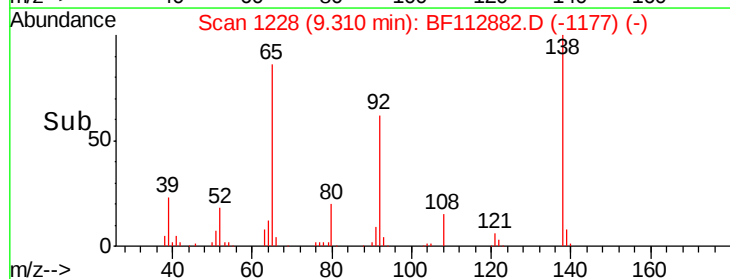
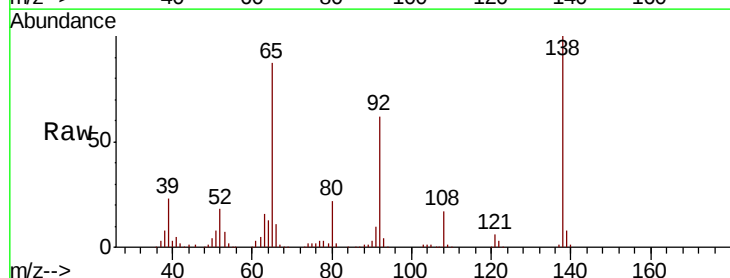
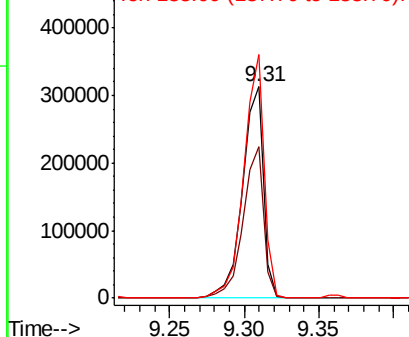
Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	72.0	56.4	84.6
138	115.3	84.6	126.8

Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.871 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB117655BS

Tot Ion:152 Resp: 1545873

Ion Ratio Lower Upper

152 100

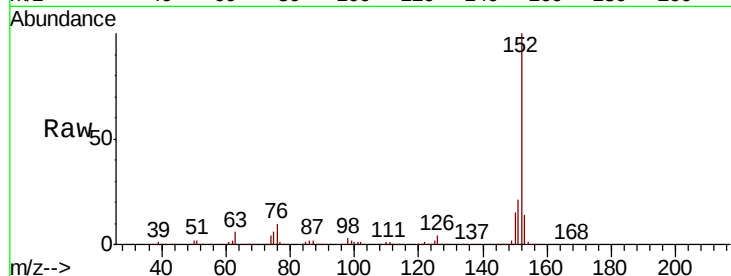
151 20.9 16.9 25.3

153 13.9 11.0 16.6

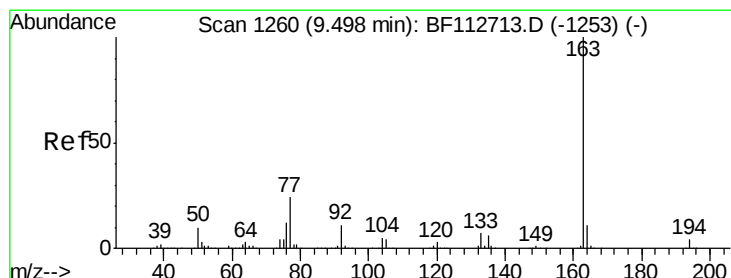
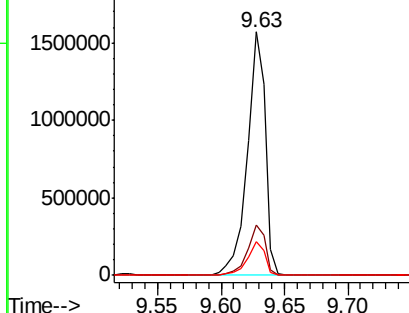
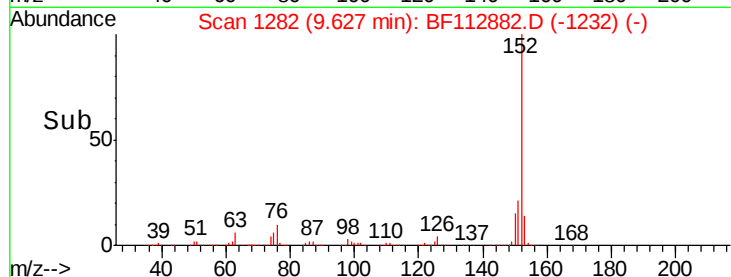
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.504 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

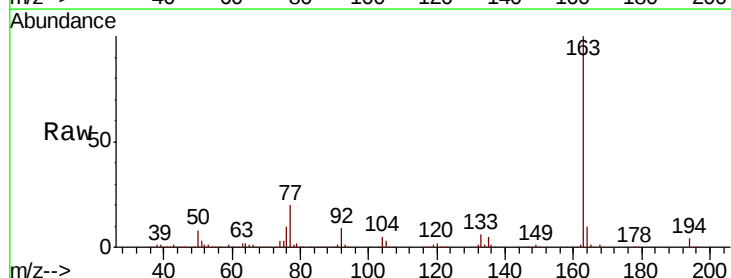
Tgt Ion:163 Resp: 1129496

Ion Ratio Lower Upper

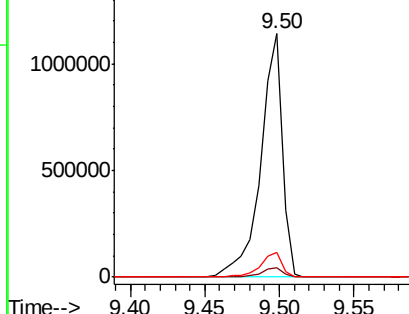
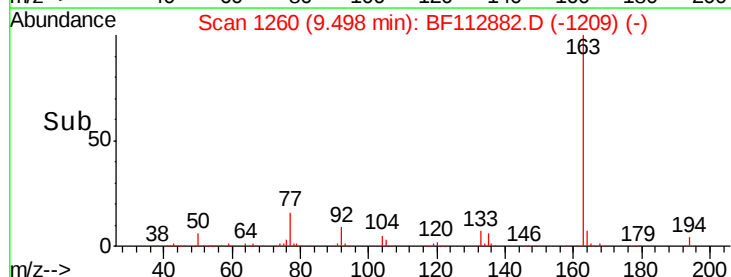
163 100

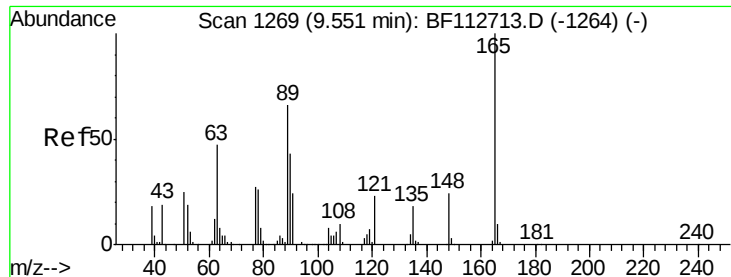
194 3.9 3.0 4.4

164 9.9 8.4 12.6



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





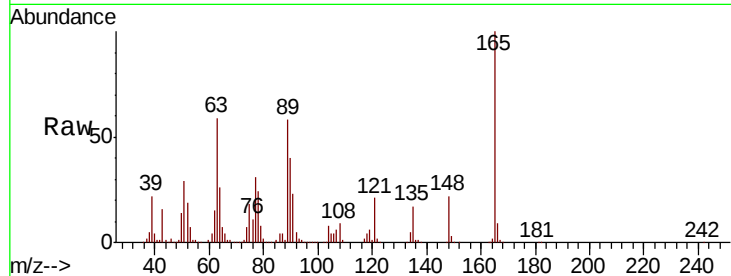
#51
2,6-Dinitrotoluene
Concen: 42.027 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

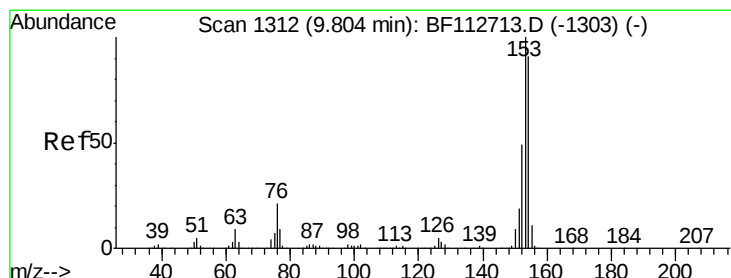
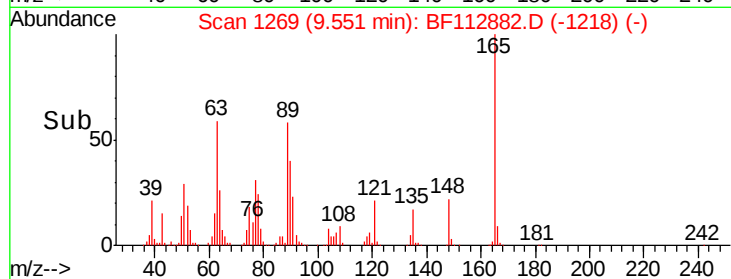
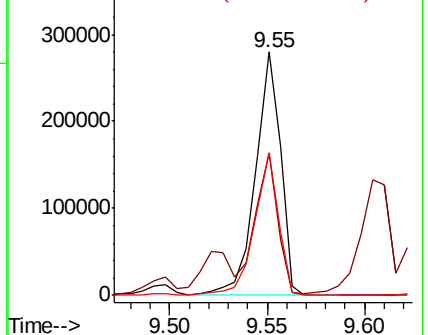
Tot Ion:	165	Resp:	250226
Ion Ratio	Lower	Upper	
165	100		
63	58.8	54.1	81.1
89	58.3	52.8	79.2

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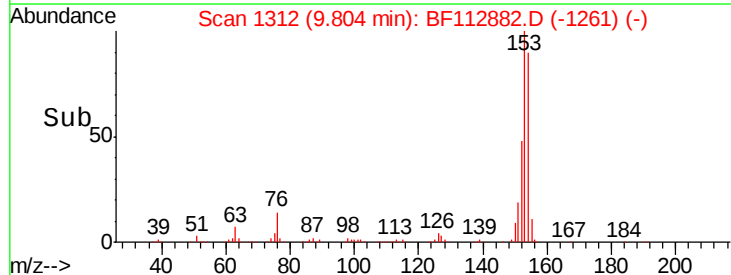
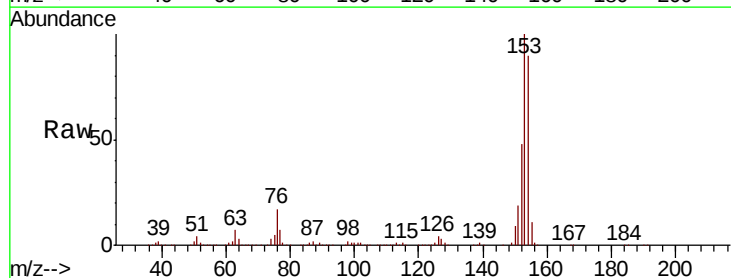
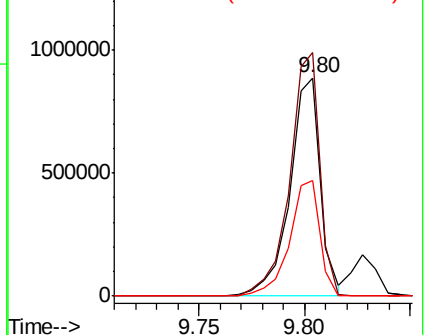
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

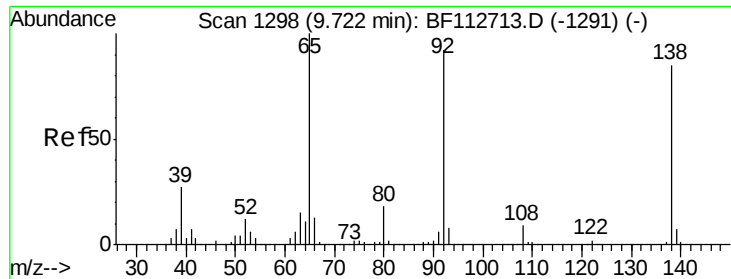


#52
Acenaphthene
Concen: 36.470 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion:	154	Resp:	894178
Ion Ratio	Lower	Upper	
154	100		
153	111.5	87.8	131.8
152	53.1	43.0	64.6

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





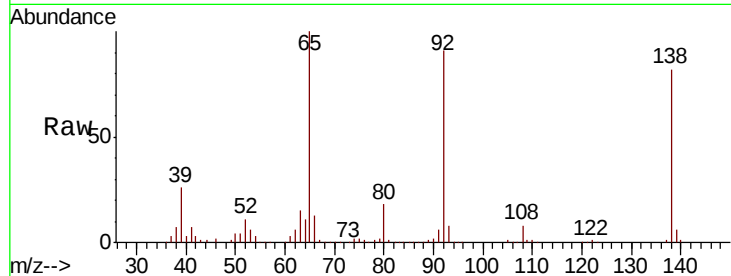
#53
3-Nitroaniline
Concen: 26.297 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.6	13.0
92	111.3	86.6	129.8

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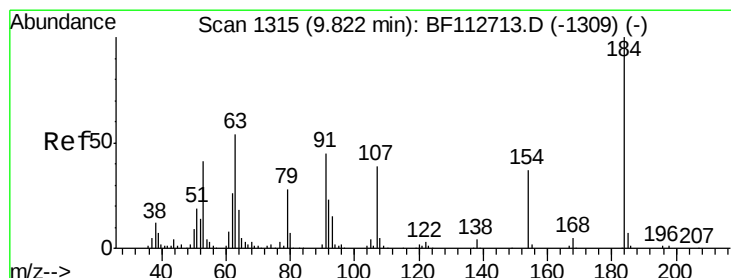
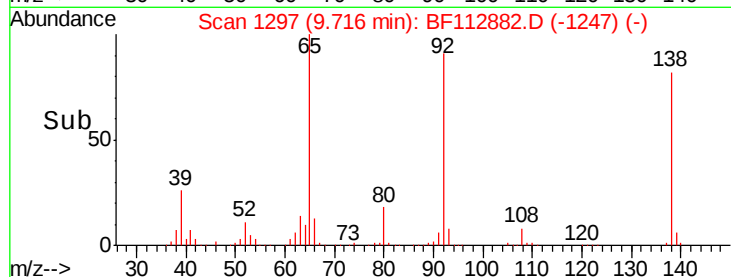
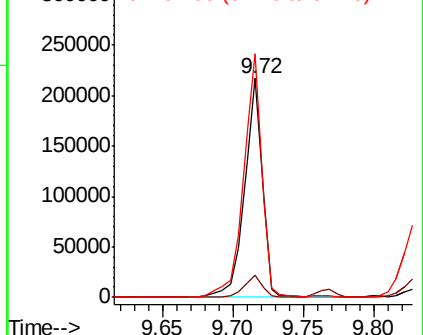


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 107.293 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

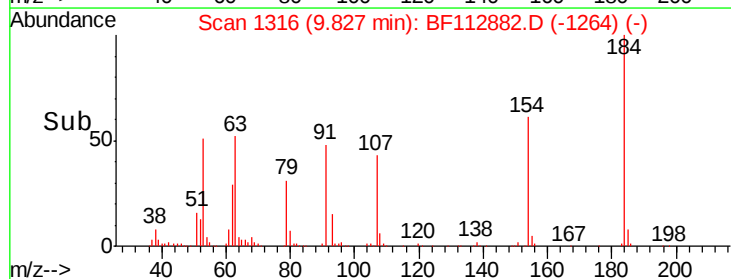
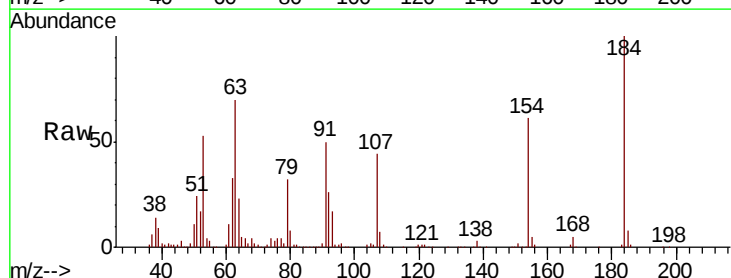
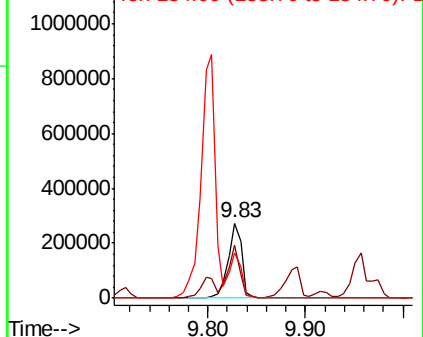
Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.5	45.3	67.9#
154	60.7	46.0	69.0

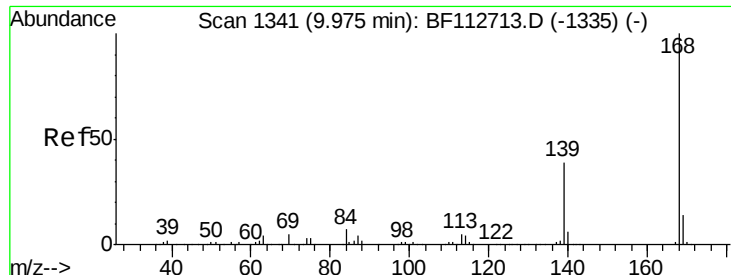
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





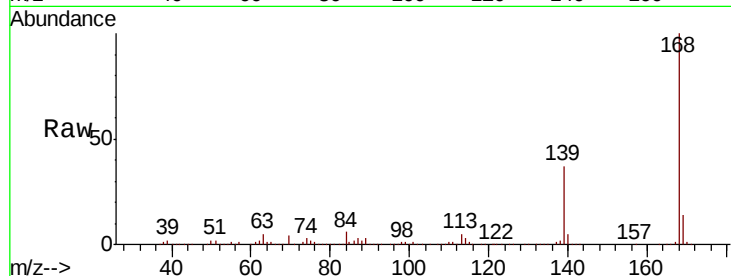
#55
Dibenzofuran
Concen: 38.150 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

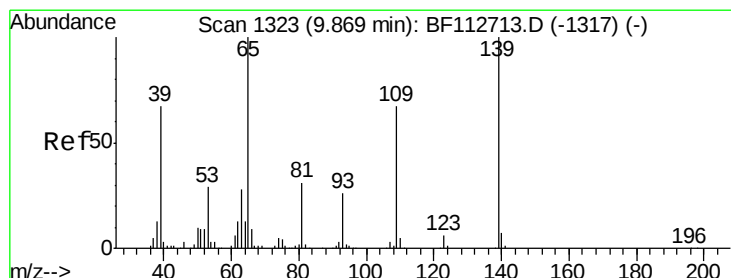
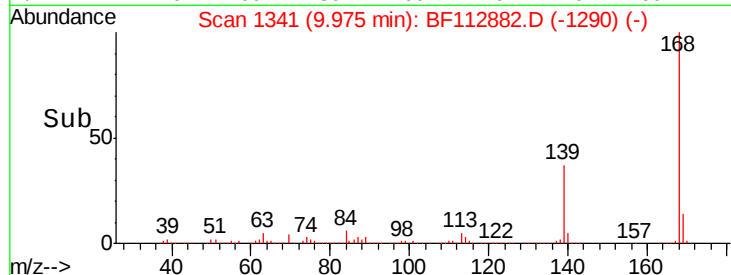
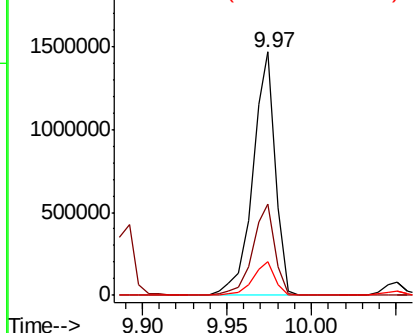
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	31.3	46.9
169	13.8	11.3	16.9

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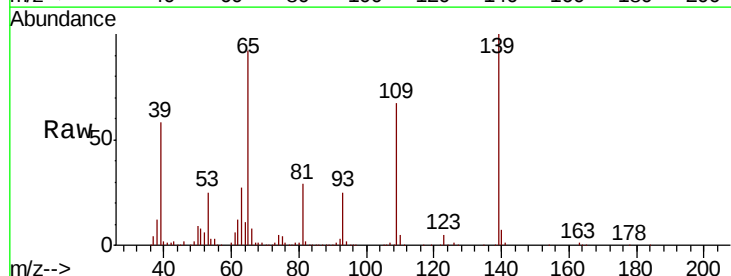


Abundance Ion 168.00 (167.70 to 168.70): E
2000000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

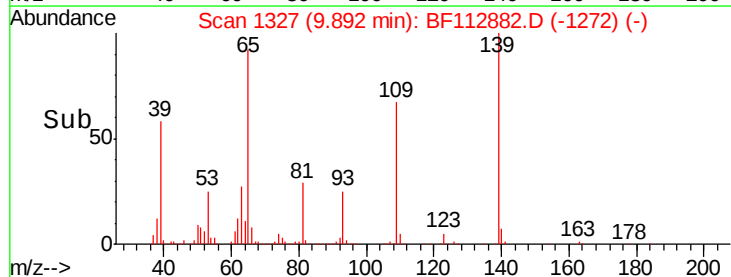
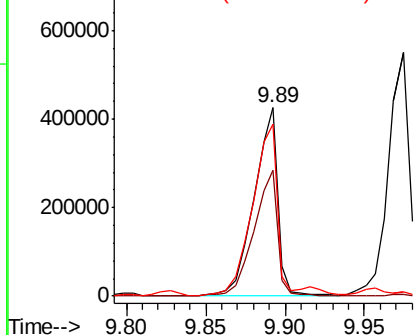


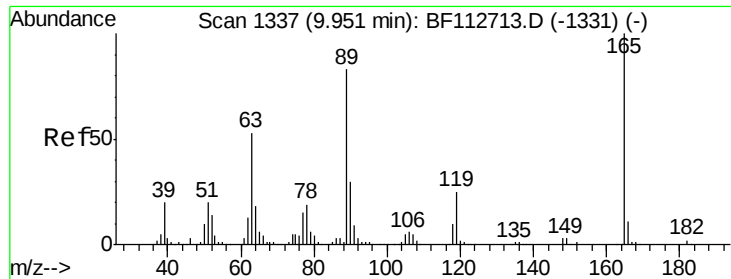
#56
4-Nitrophenol
Concen: 75.900 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.02 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.2	46.8	86.8
65	91.6	80.7	120.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





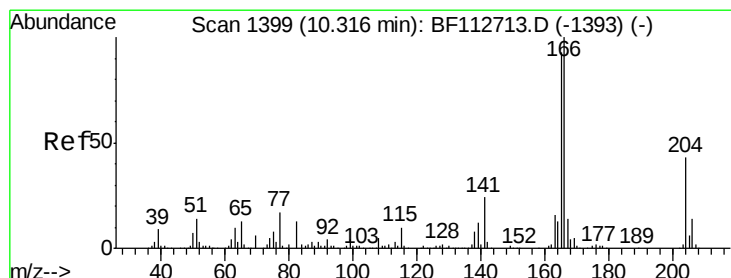
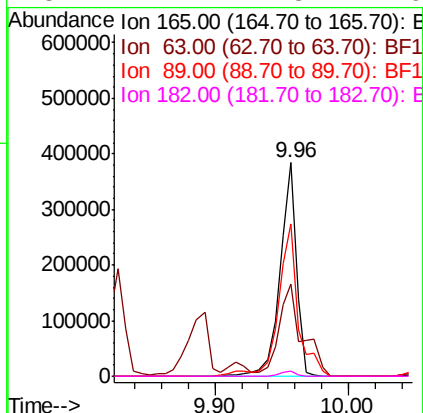
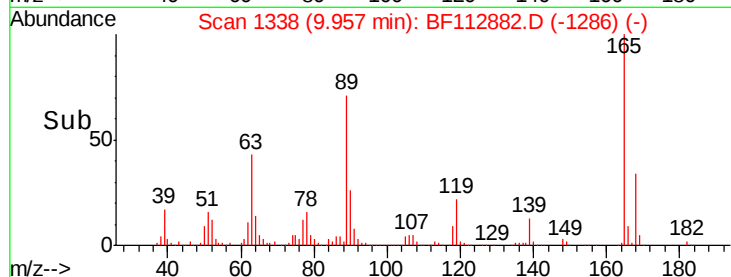
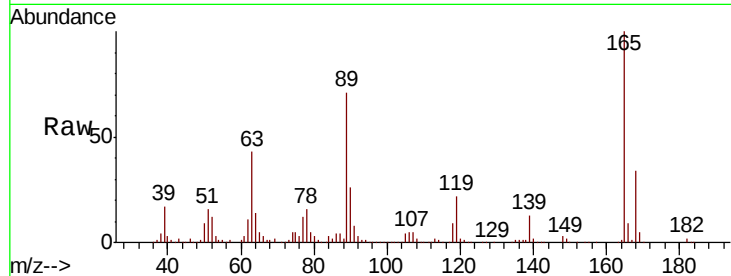
#57
2,4-Dinitrotoluene
Concen: 44.902 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampled :
PB117655BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	43.3		42.2	63.2	
89	71.4		66.2	99.4	
182	2.4		1.8	2.6	

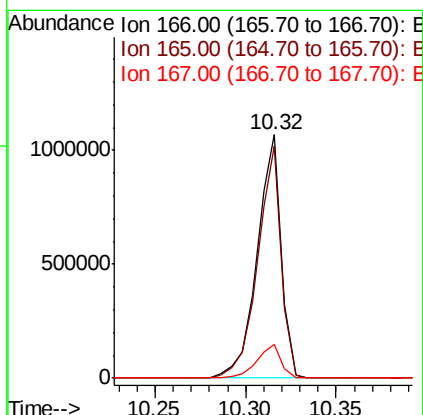
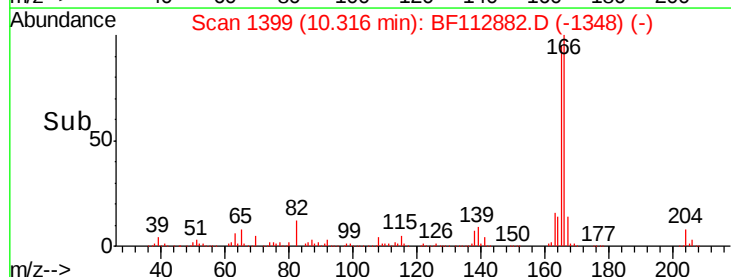
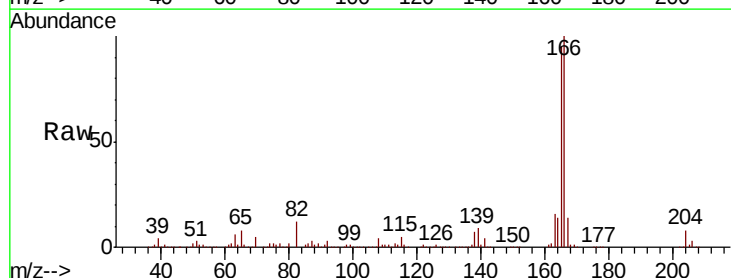
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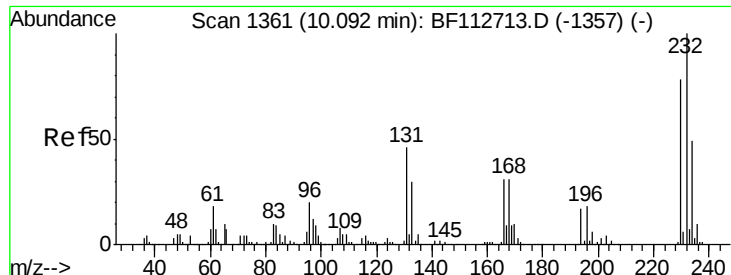
Sohil
3/7/2019 11:02:31 AM



#58
Fluorene
Concen: 38.725 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	95.5		74.7	112.1	
167	13.9		11.0	16.6	





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.963 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB117655BS

Tot Ion:232 Resp: 308098
Ion Ratio Lower Upper

232 100

131 44.9 38.7 58.1

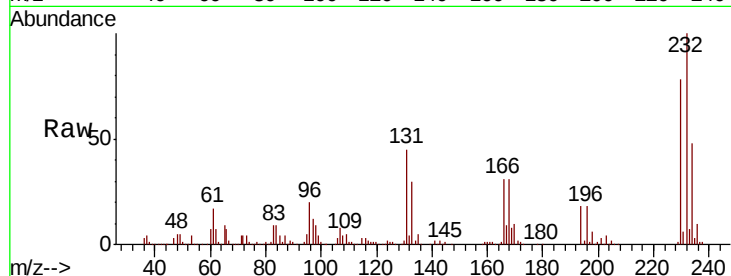
130 2.0 1.9 2.9

166 29.5 25.2 37.8

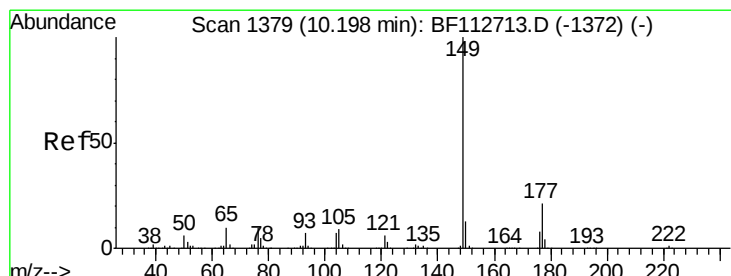
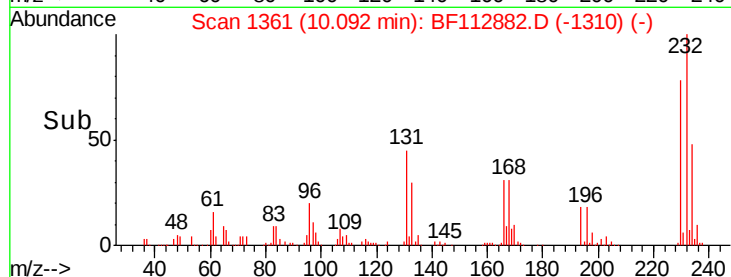
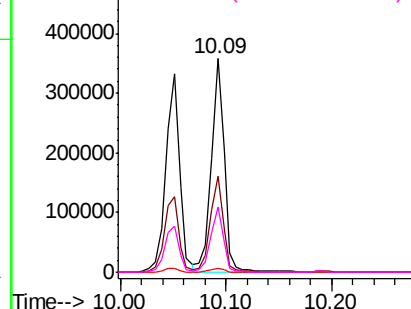
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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 37.974 ng

RT: 10.19 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BF112882.D

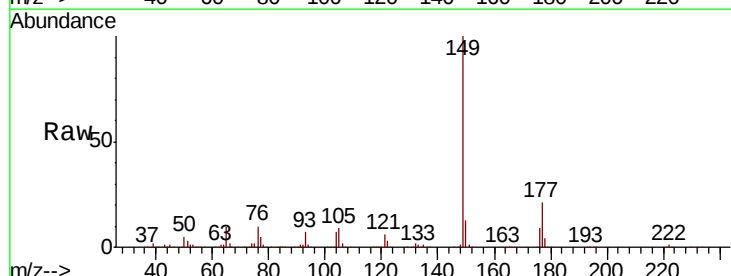
Acq: 6 Mar 2019 13:50

Tgt Ion:149 Resp: 1146723
Ion Ratio Lower Upper

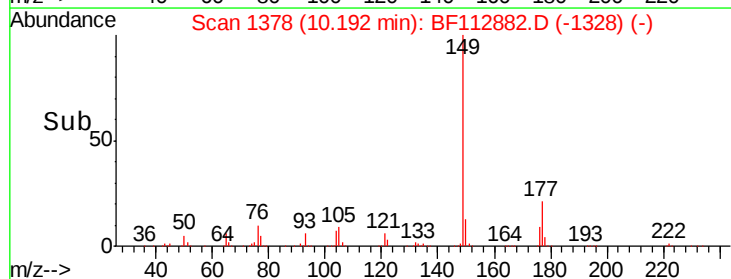
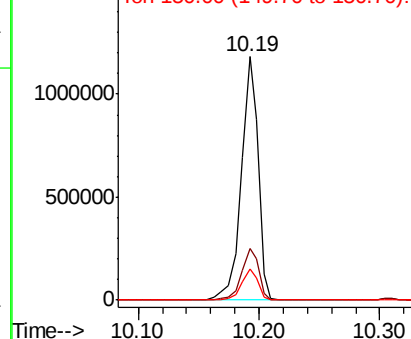
149 100

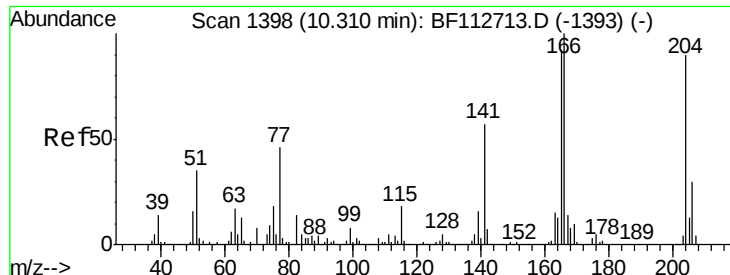
177 21.4 17.0 25.6

150 12.8 10.0 15.0



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





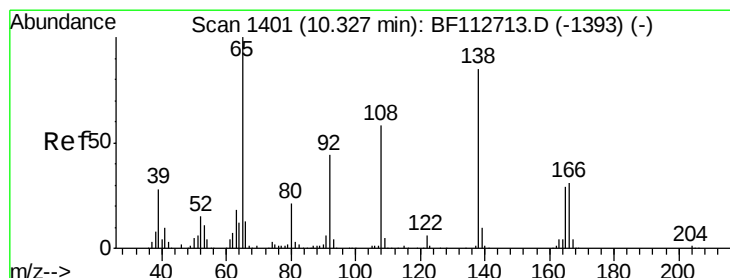
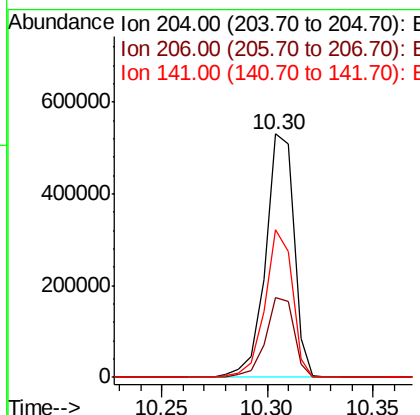
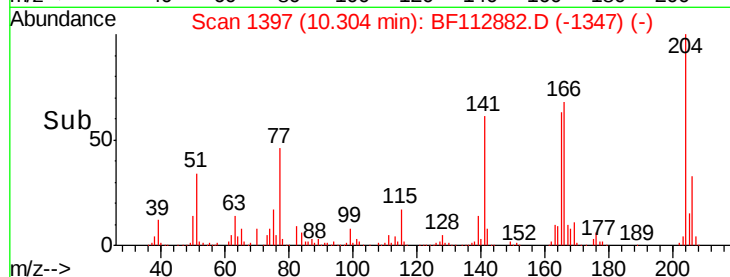
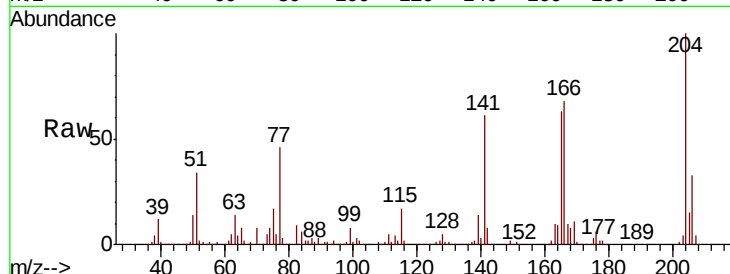
#61
 4-Chlorophenyl-phenylether
 Concen: 42.267 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB117655BS

Tot Ion:	204	Resp:	497376
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.6	40.0
141	60.8	50.8	76.2

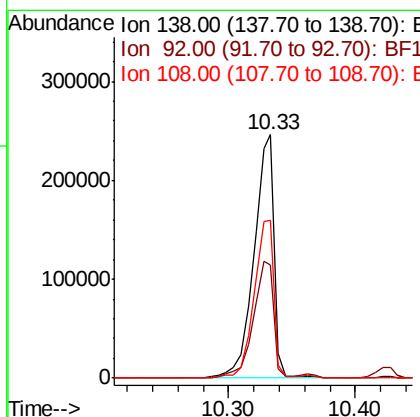
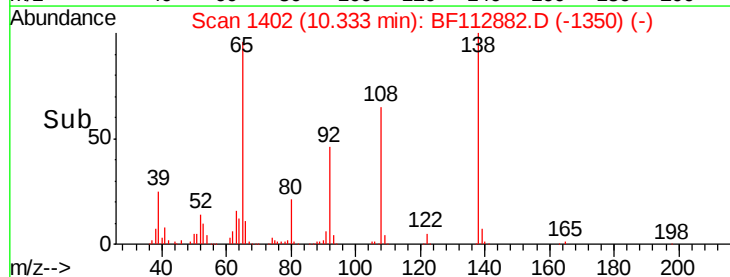
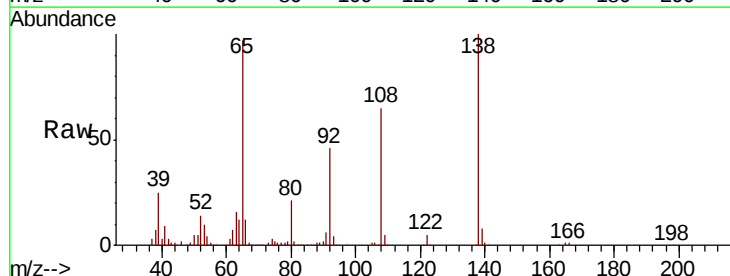
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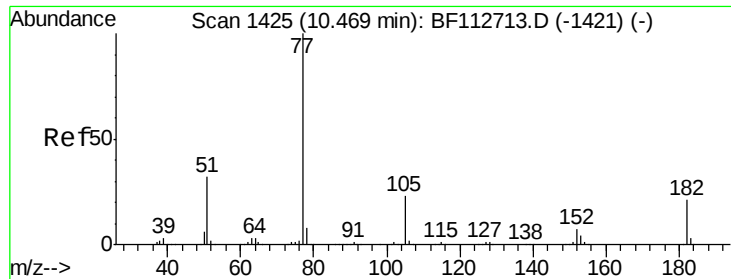
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#62
 4-Nitroaniline
 Concen: 41.011 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Tgt Ion:	138	Resp:	274936
Ion Ratio	Lower	Upper	
138	100		
92	46.3	31.3	71.3
108	65.1	48.1	88.1





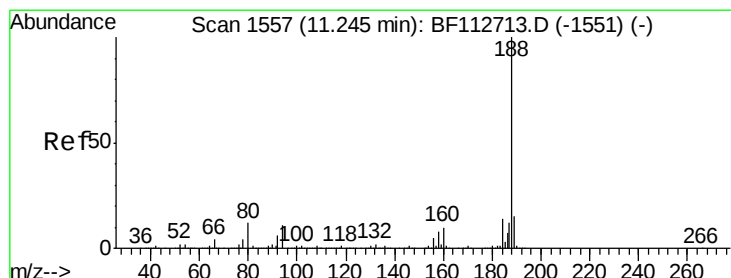
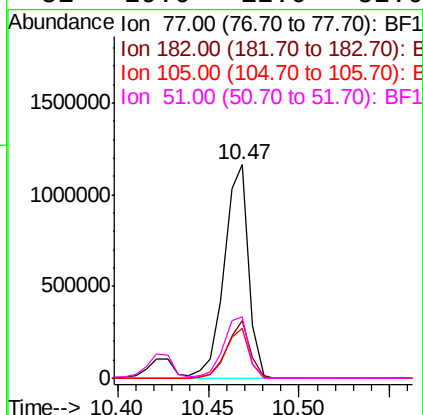
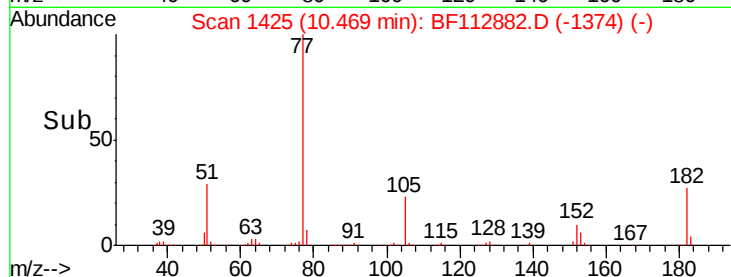
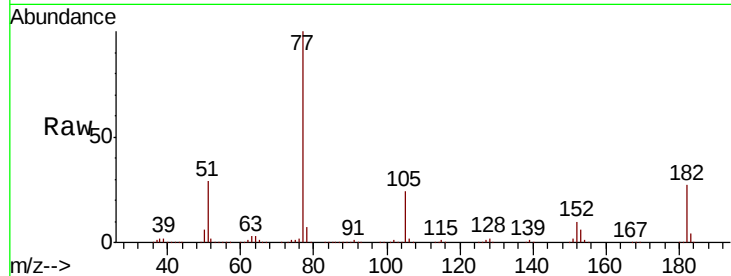
#63
Azobenzene
Concen: 34.946 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.0	1.4	41.4	
105	23.5	2.6	42.6	
51	29.0	12.0	52.0	

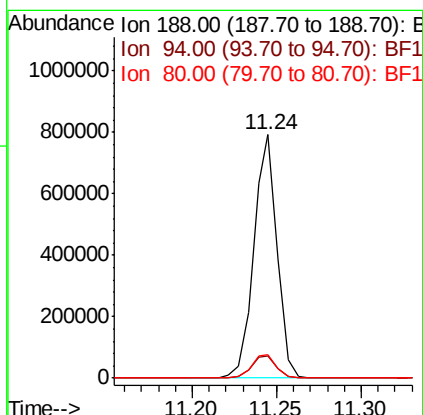
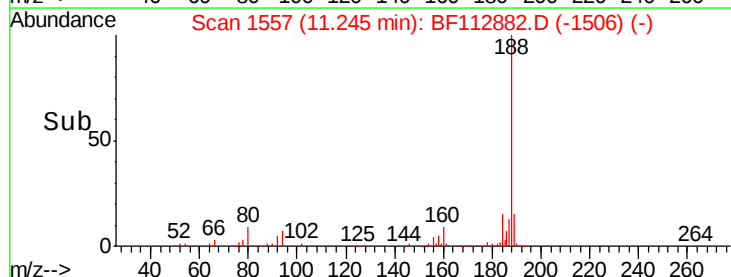
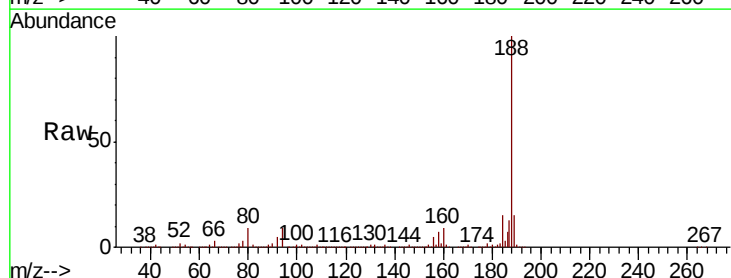
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.2	9.0	13.4	
80	9.5	9.2	13.8	





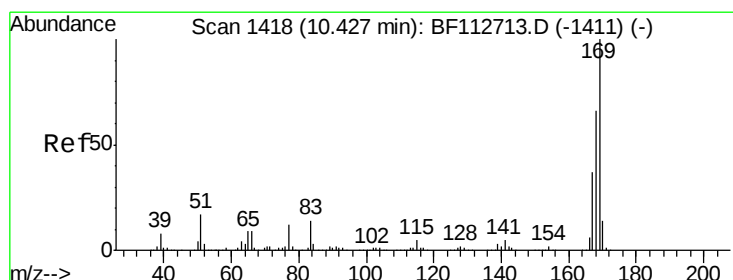
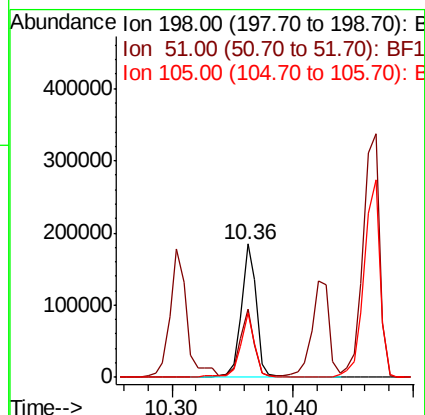
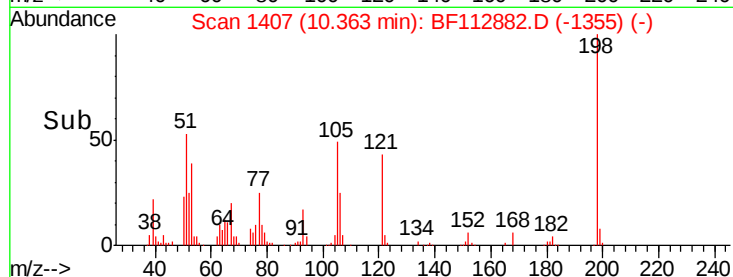
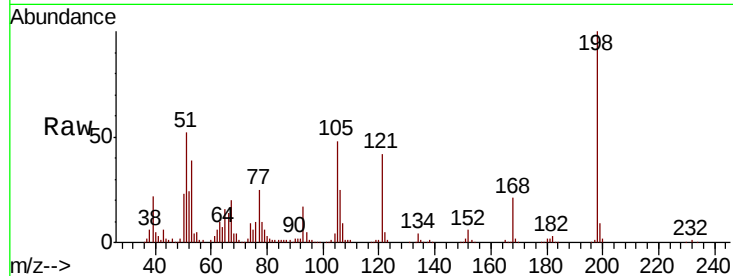
#65
4,6-Dinitro-2-methylphenol
Concen: 51.369 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampled :
PB117655BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	161478		
51	51.6	43.8	83.8	
105	47.8	36.5	76.5	

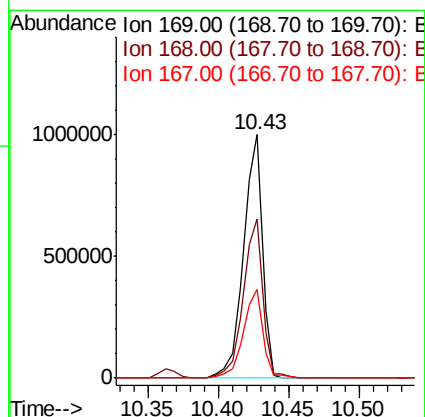
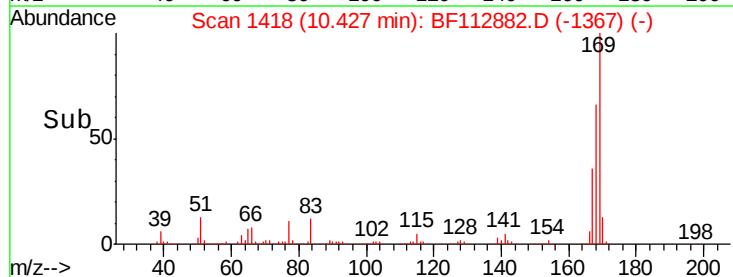
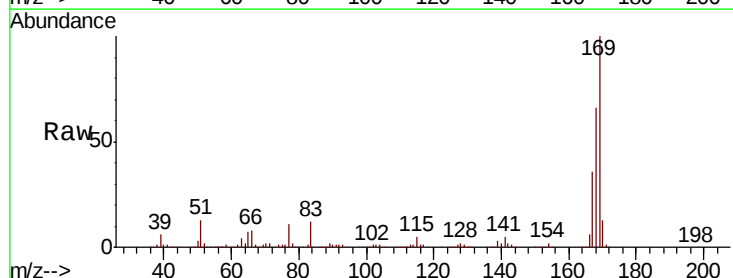
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#66
n-Nitrosodiphenylamine
Concen: 38.319 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	933681		
168	65.6	53.0	79.6	
167	36.3	29.3	43.9	





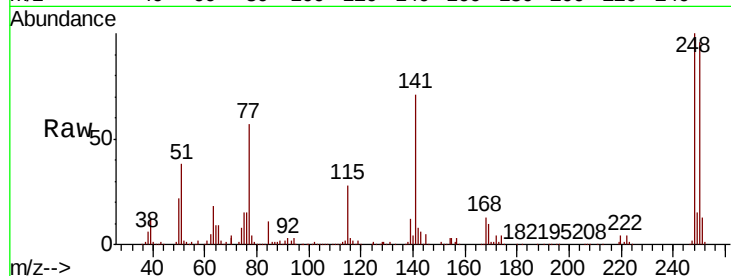
#67
4-Bromophenyl-phenylether
Concen: 41.624 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleID :
PB117655BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.5	116.3
141	71.3	62.4	93.6

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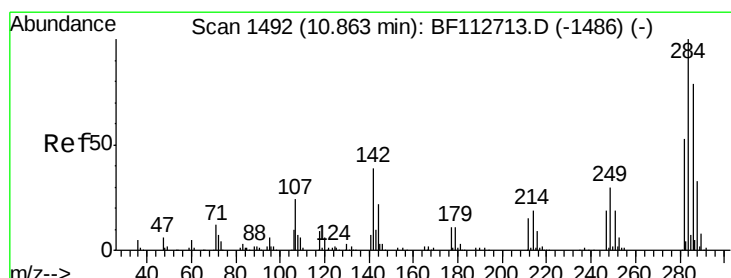
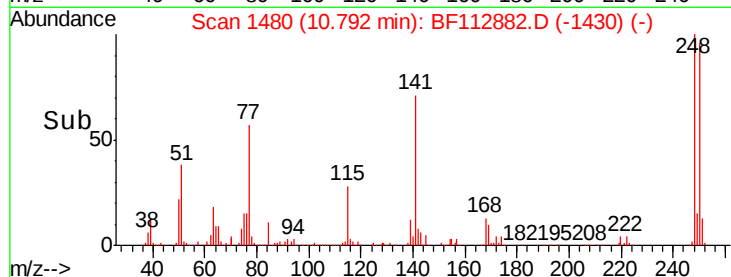
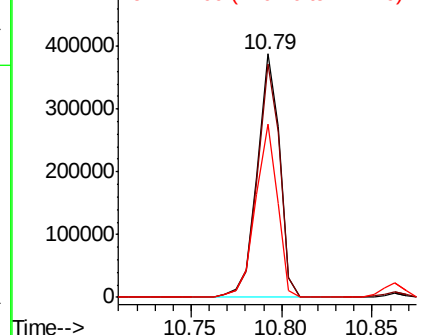


Abundance

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



#68
Hexachlorobenzene
Concen: 42.067 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

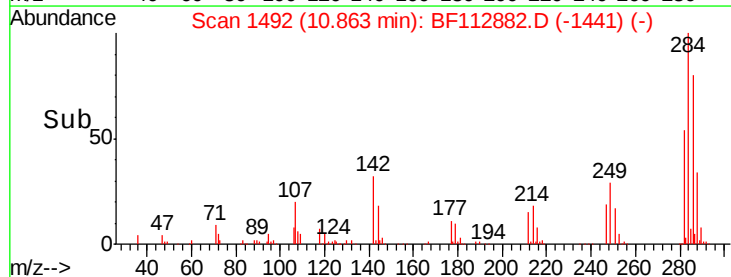
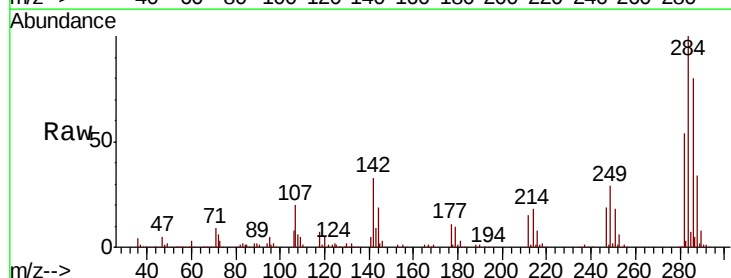
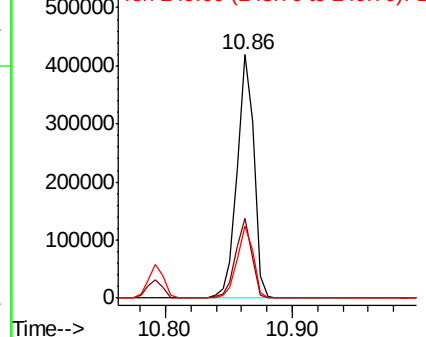
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	31.0	46.6
249	29.4	23.6	35.4

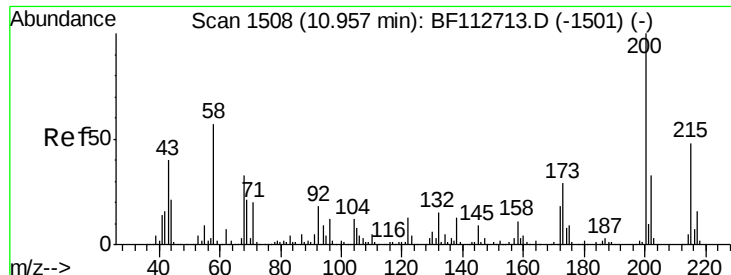
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





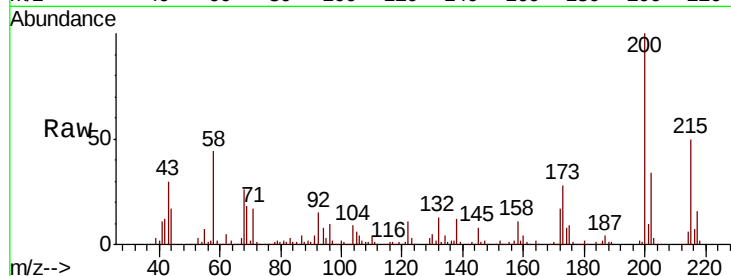
#69
Atrazine
Concen: 40.514 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	9.1	49.1
215	50.2	28.2	68.2

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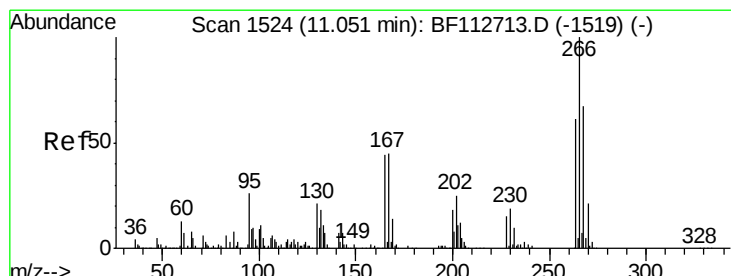
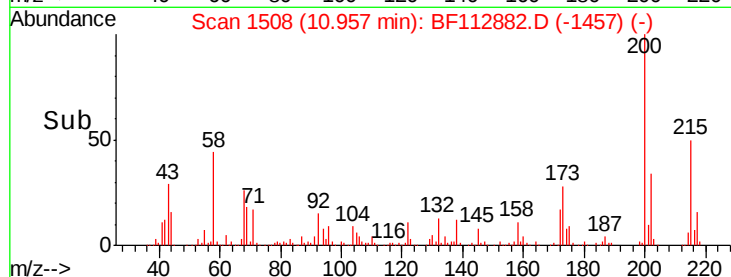
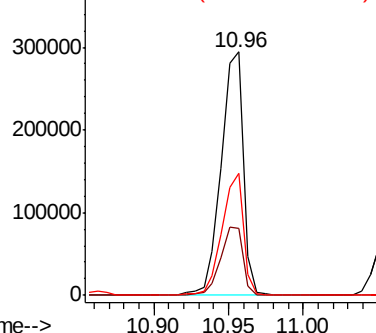


Abundance

Ion 200.00 (199.70 to 200.70): E

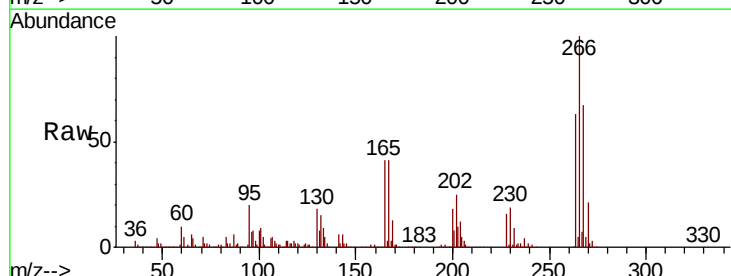
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 80.549 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.9	53.3	79.9
264	62.6	48.9	73.3

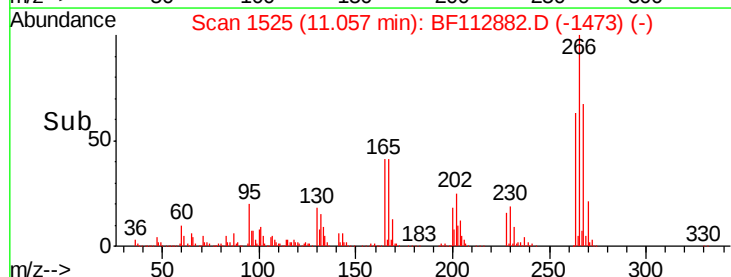
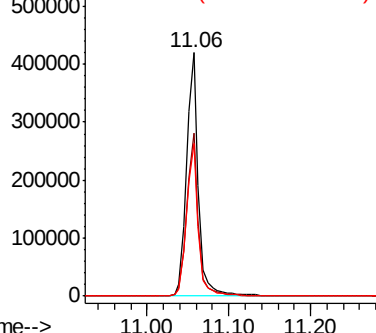


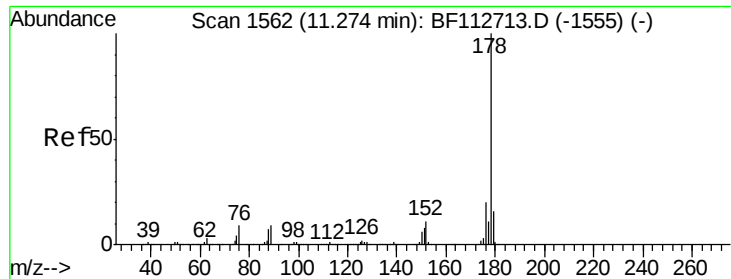
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.039 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB117655BS

Tot Ion:178 Resp: 1475675

Ion Ratio Lower Upper

178 100

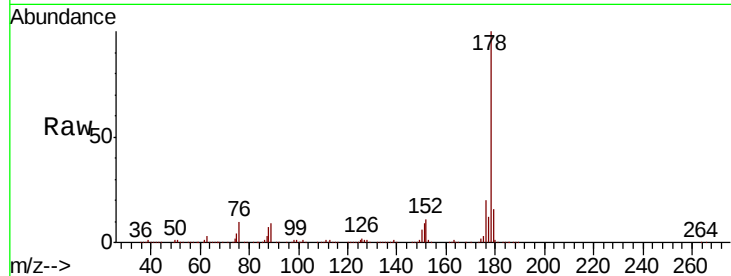
176 20.4 16.3 24.5

179 16.0 12.7 19.1

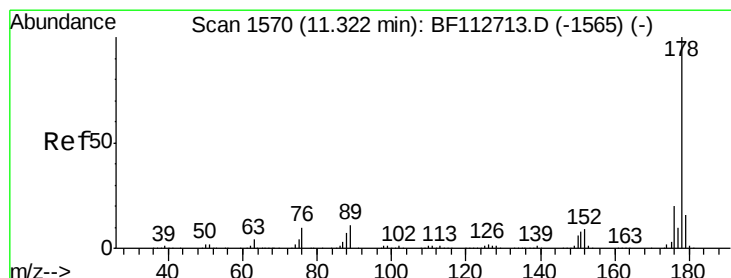
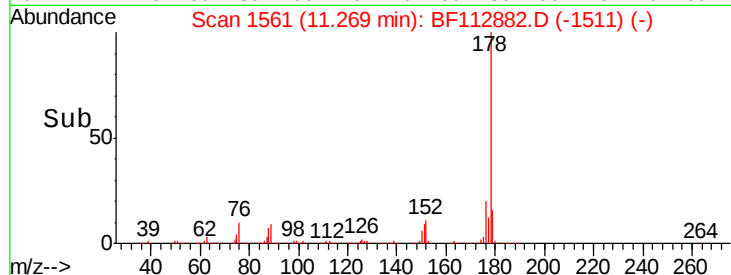
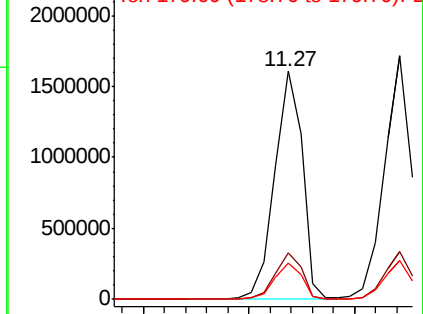
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.360 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

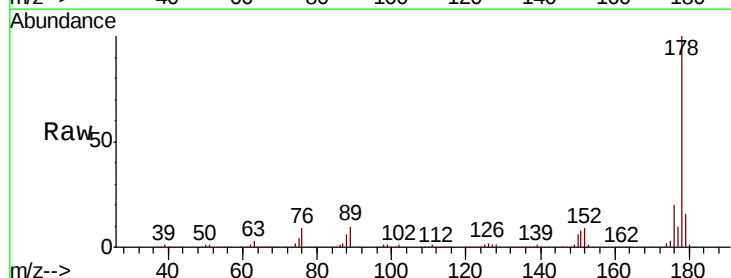
Tgt Ion:178 Resp: 1517870

Ion Ratio Lower Upper

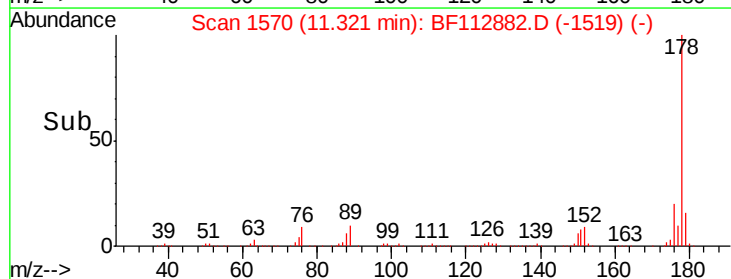
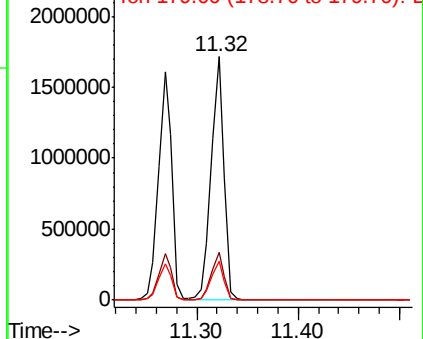
178 100

176 19.6 15.8 23.6

179 16.1 13.0 19.6



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





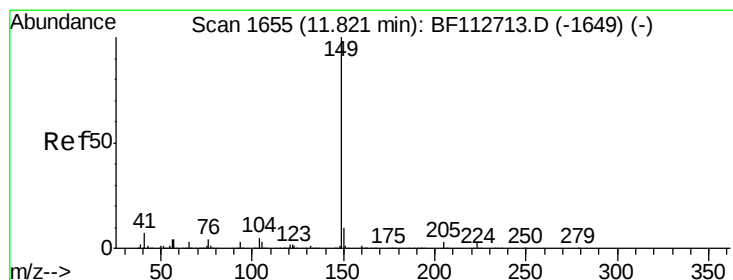
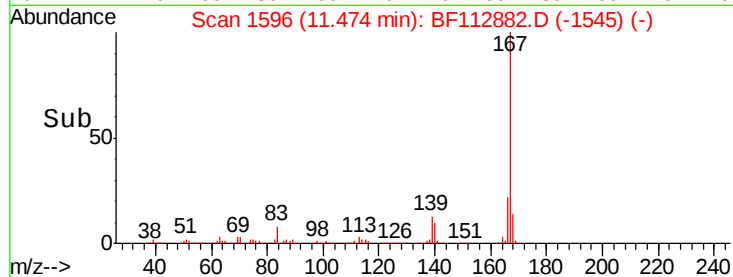
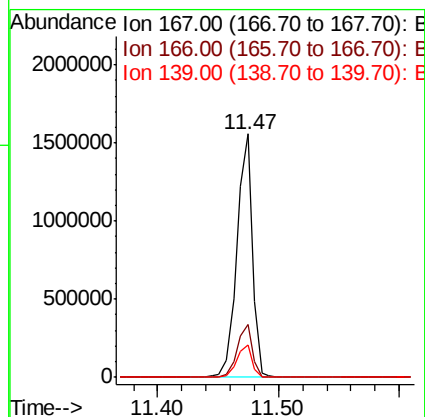
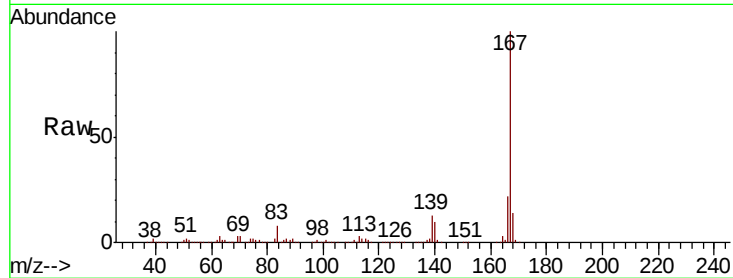
#73
 Carbazole
 Concen: 36.208 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB117655BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	13.4	10.8	16.2

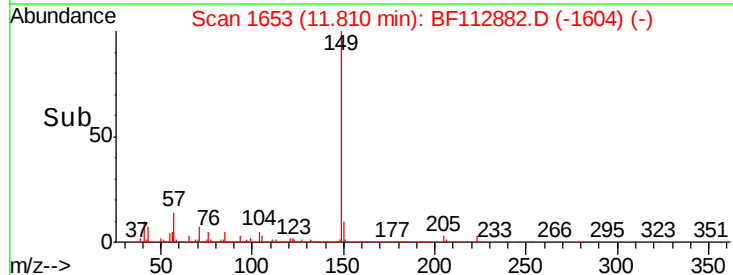
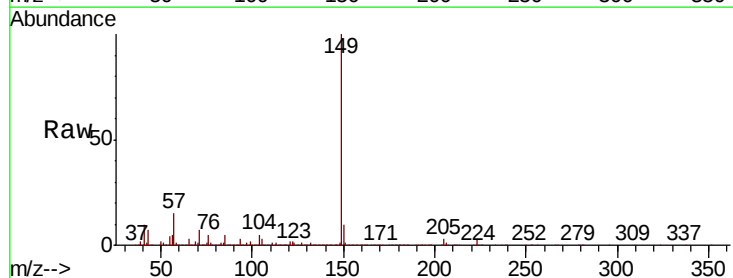
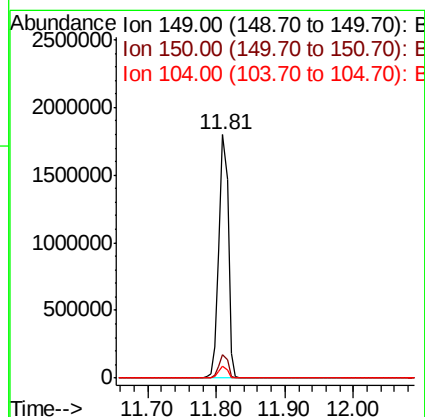
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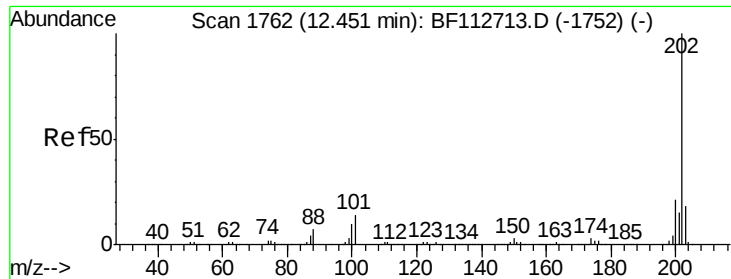
Sohil
 3/7/2019 11:02:31 AM



#74
 Di-n-butylphthalate
 Concen: 35.786 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	4.9	3.7	5.5





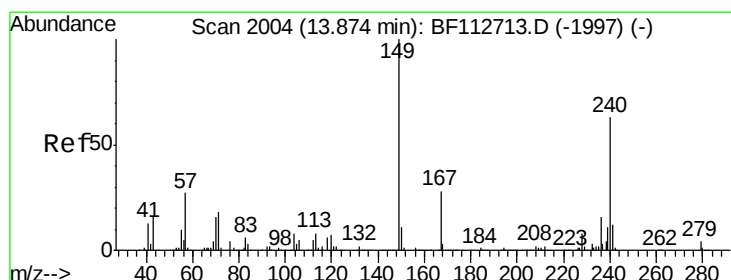
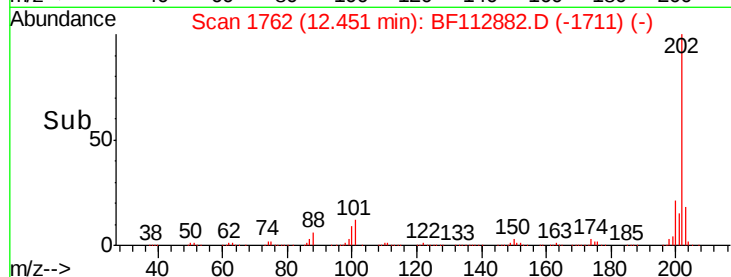
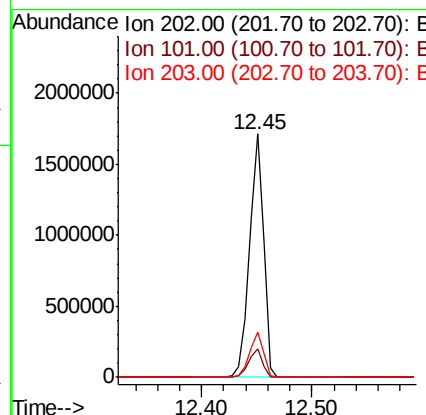
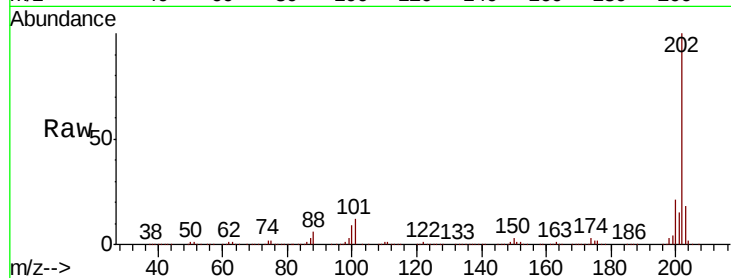
#75
Fluoranthene
Concen: 38.136 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.8
203	18.5	0.0	38.4

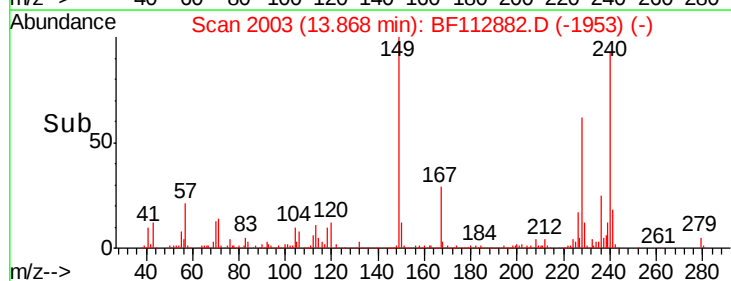
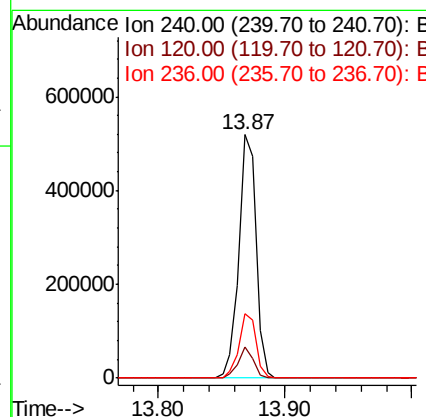
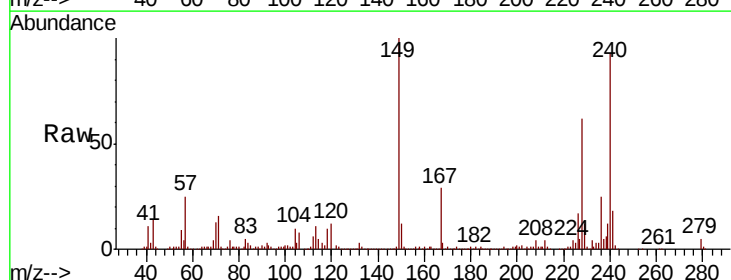
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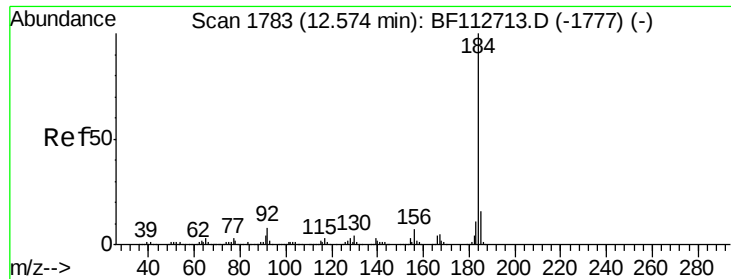
Sohil
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.9	13.3
236	26.5	20.7	31.1





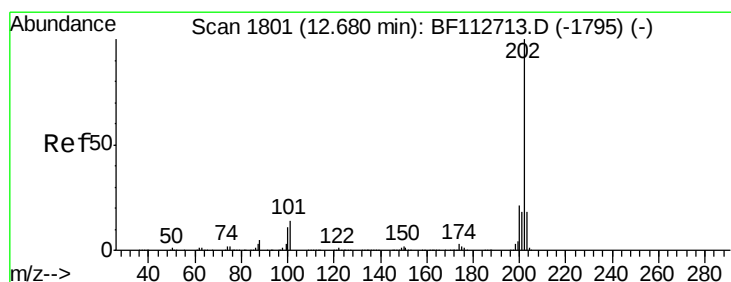
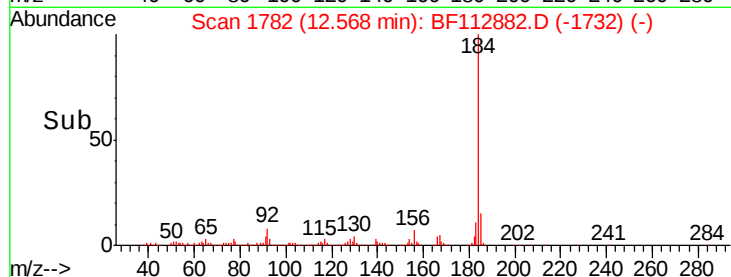
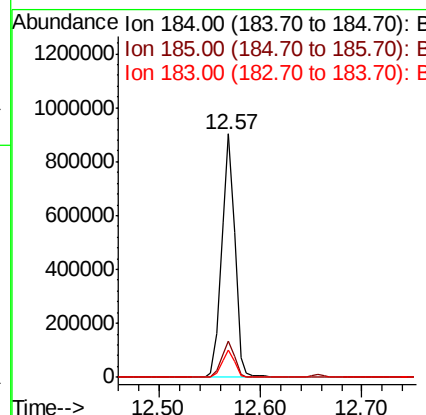
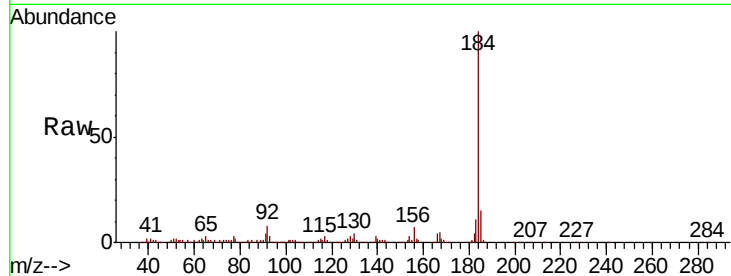
#77
Benzidine
Concen: 32.684 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.6	18.8
183	11.0	8.6	12.8

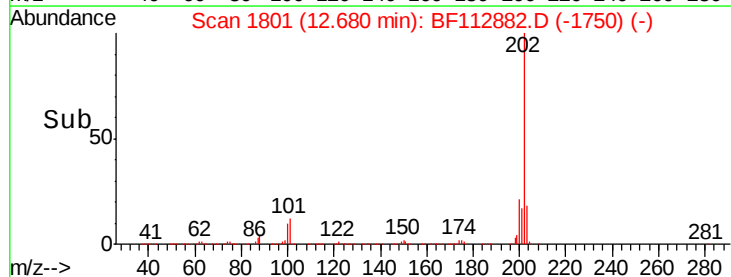
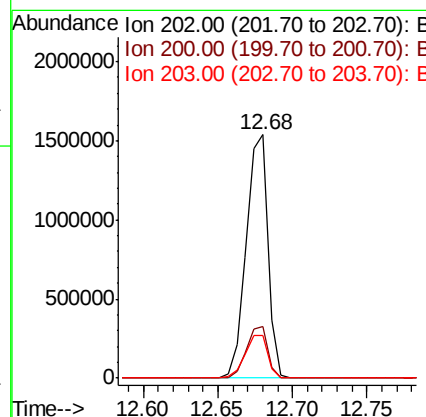
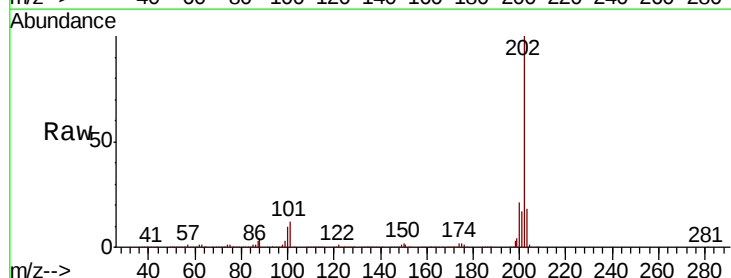
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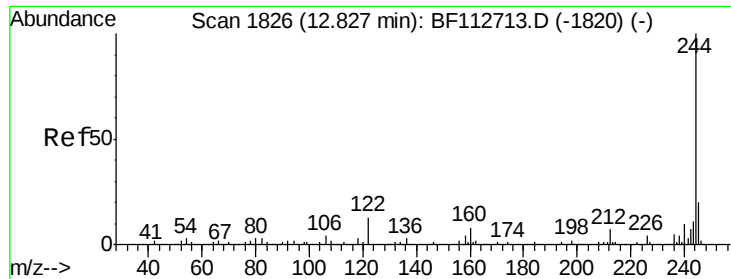
Sohil
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#78
Pyrene
Concen: 38.104 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	17.6	14.4	21.6





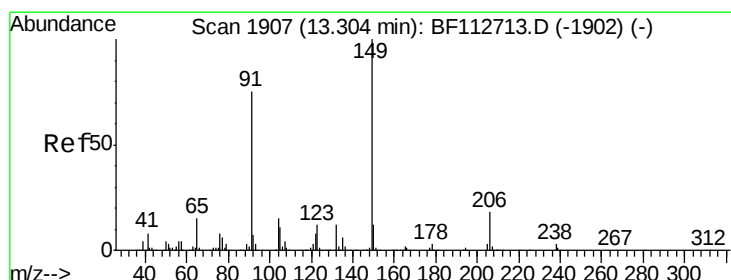
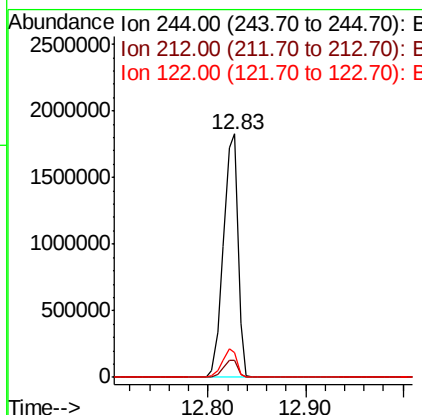
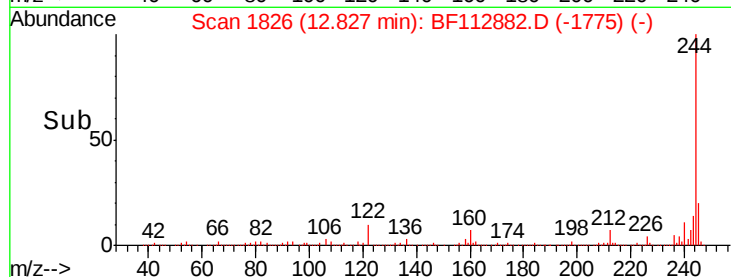
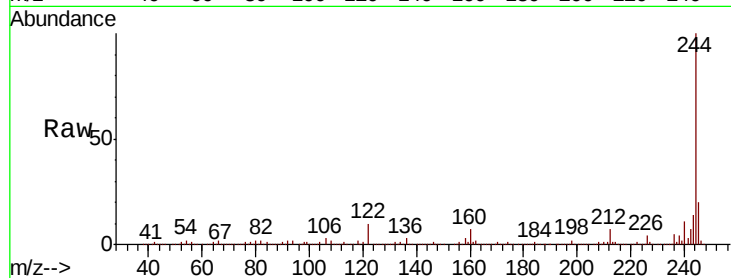
#79
 Terphenyl-d14
 Concen: 76.292 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB117655BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.4	10.5	15.7

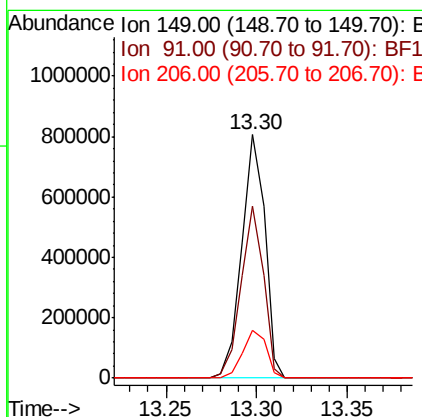
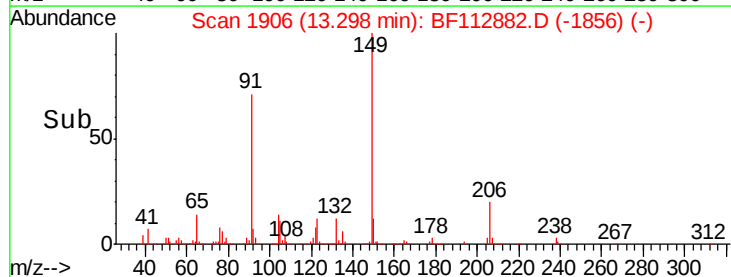
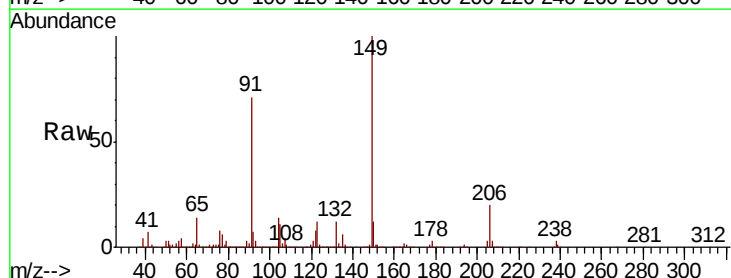
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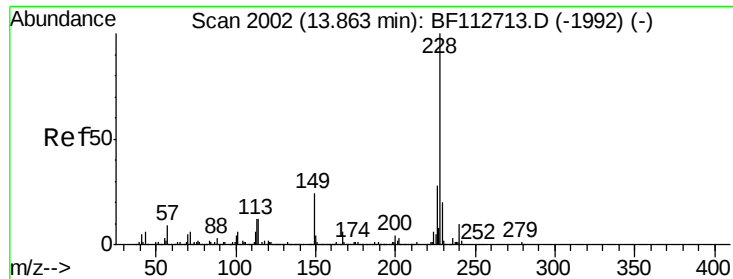
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#80
 Butylbenzylphthalate
 Concen: 40.007 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.8	59.9	89.9
206	19.6	14.7	22.1





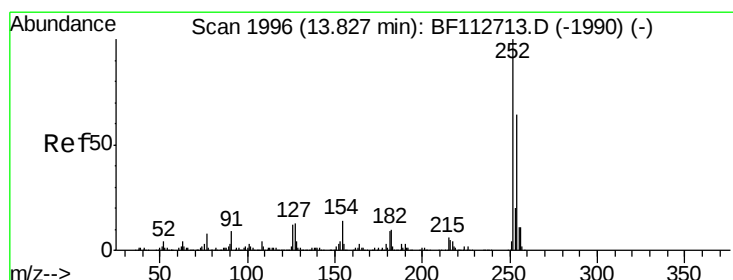
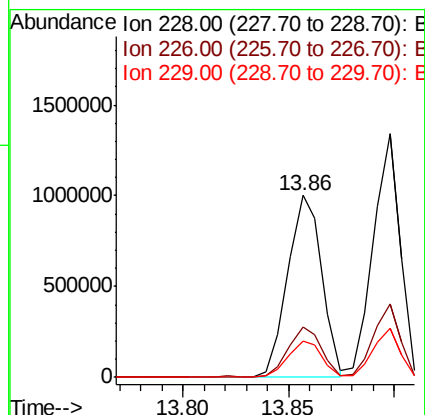
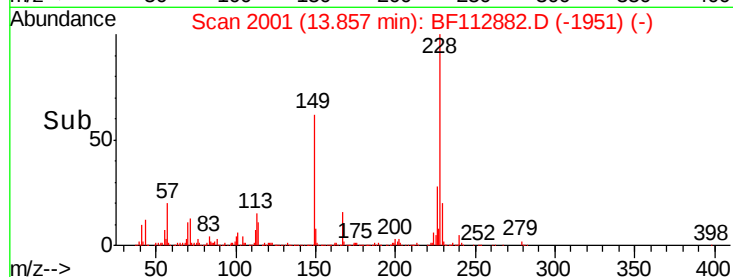
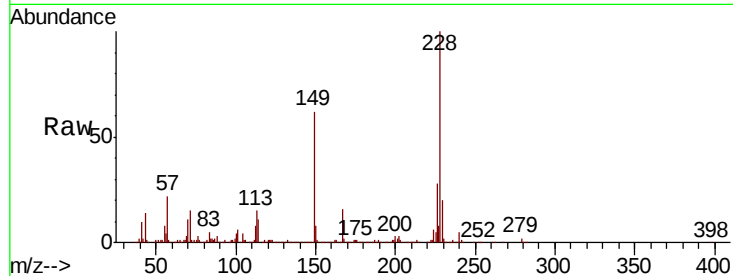
#81
Benzo(a)anthracene
Concen: 33.778 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Tot Ion:228 Resp: 1129526
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 20.2 16.0 24.0

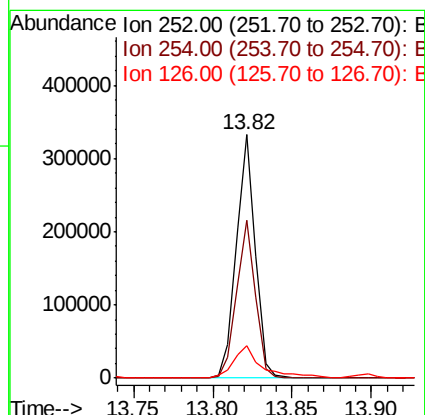
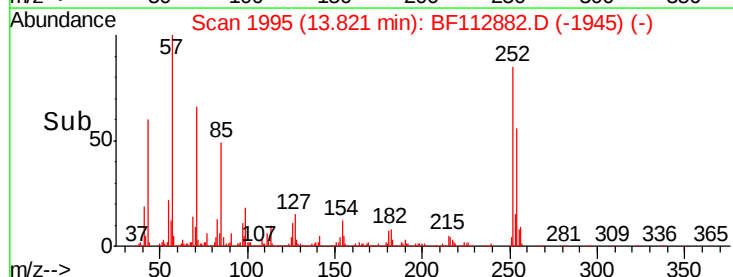
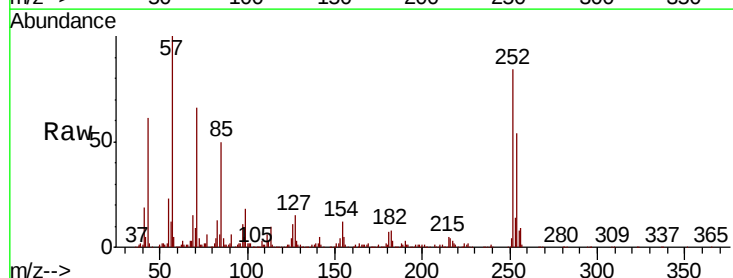
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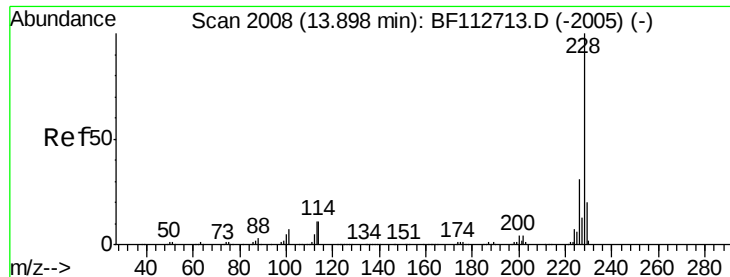
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#82
3,3'-Dichlorobenzidine
Concen: 21.921 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion:252 Resp: 277232
Ion Ratio Lower Upper
252 100
254 65.0 51.1 76.7
126 13.1 9.9 14.9





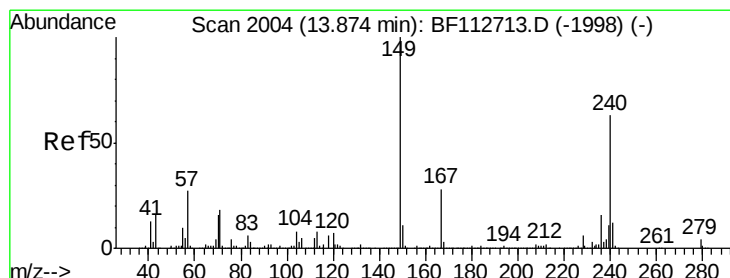
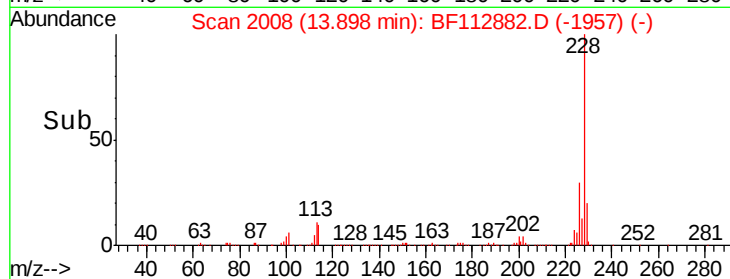
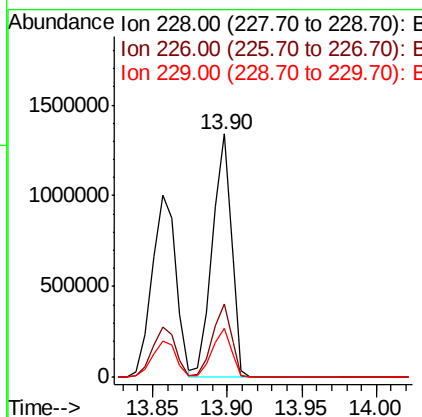
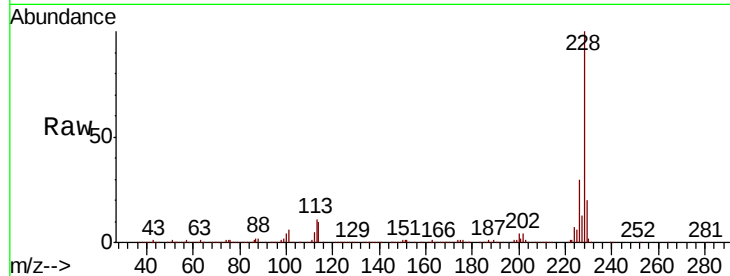
#83
Chrysene
Concen: 36.486 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	20.2	16.3	24.5

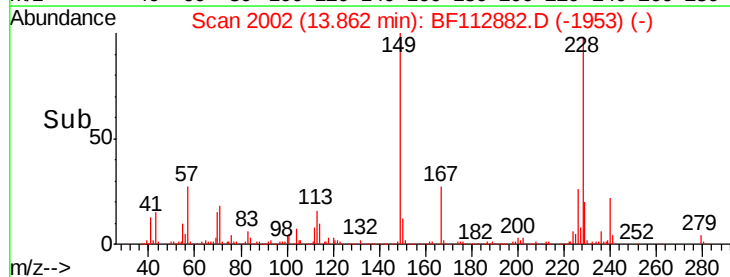
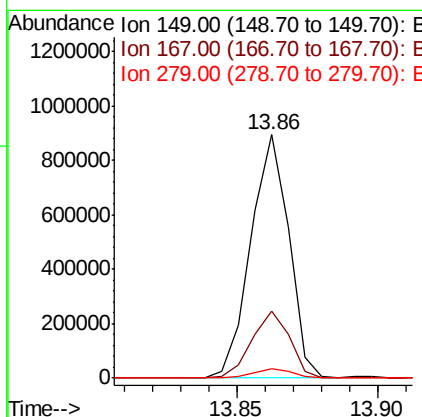
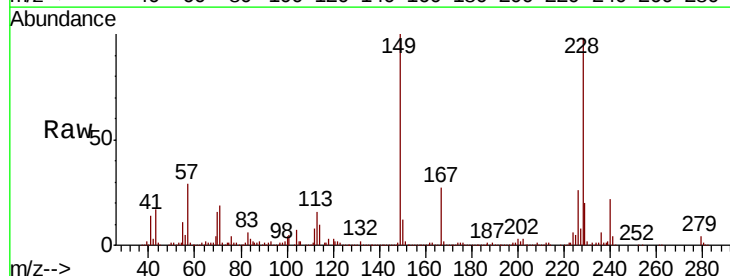
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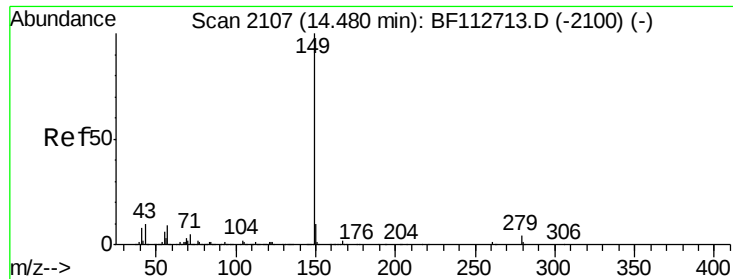
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.671 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.4	33.6
279	3.9	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 39.202 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB117655BS

Tot Ion:149 Resp: 1417607

Ion Ratio Lower Upper

149 100

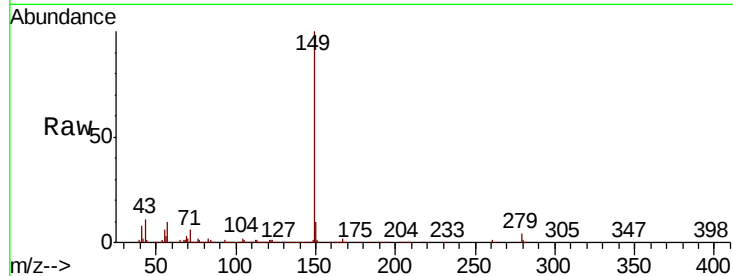
167 1.5 1.2 1.8

43 9.9 9.0 13.4

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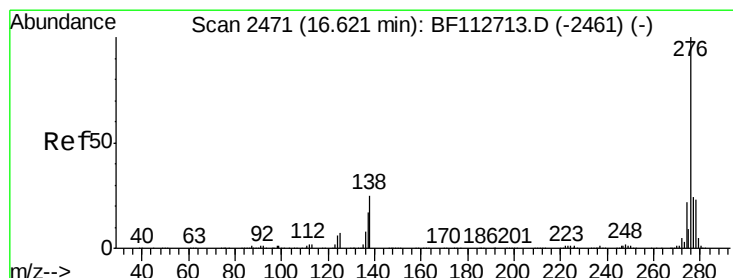
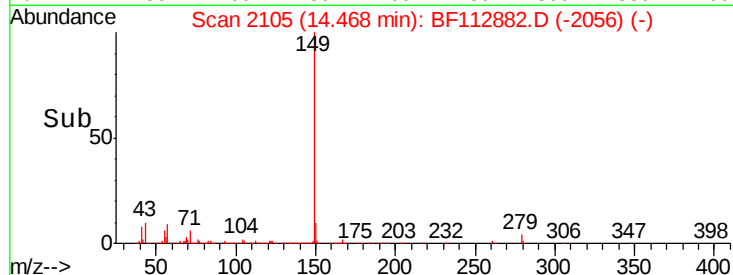
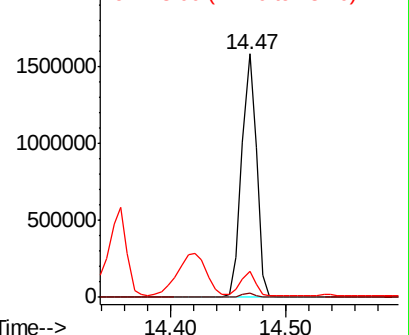
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.089 ng

RT: 16.63 min Scan# 2473

Delta R.T. 0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

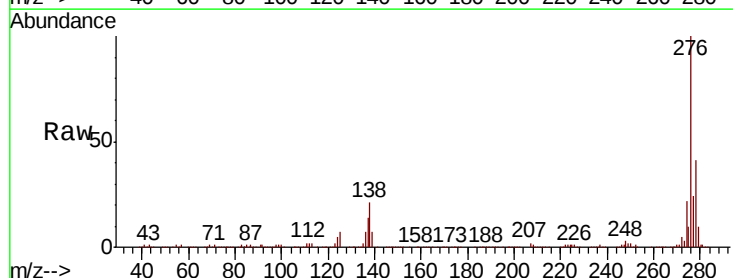
Tgt Ion:276 Resp: 1091547

Ion Ratio Lower Upper

276 100

138 23.8 23.2 34.8

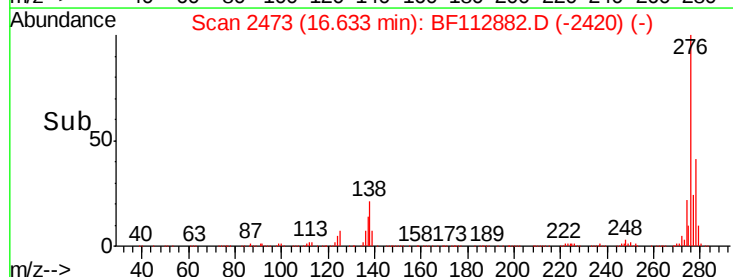
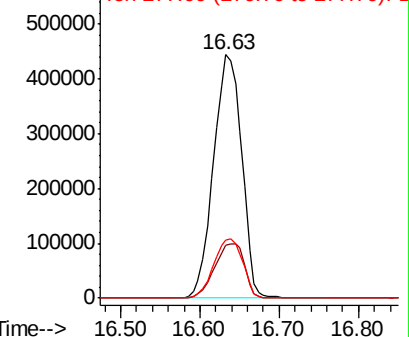
277 25.0 19.9 29.9

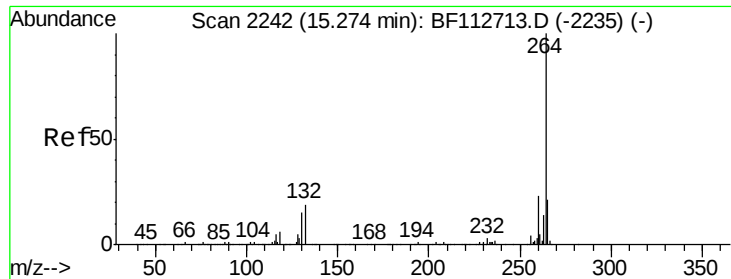


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





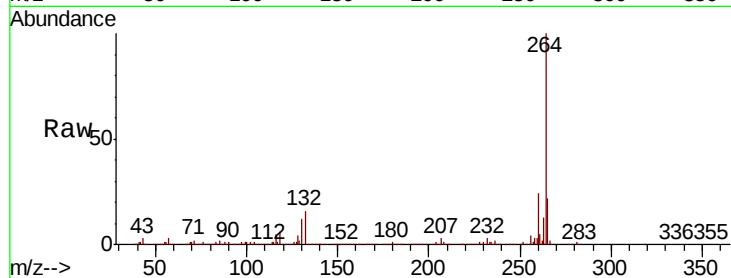
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.6	17.2	25.8

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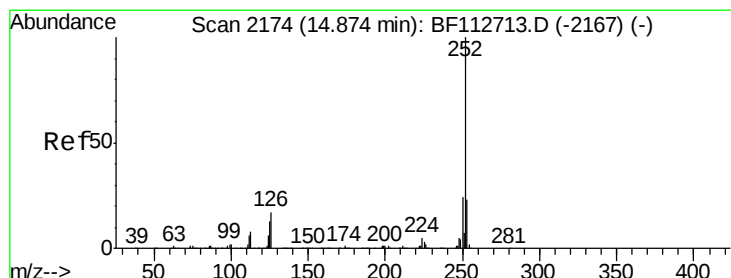
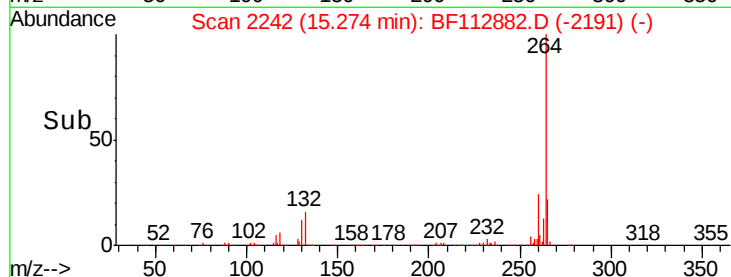
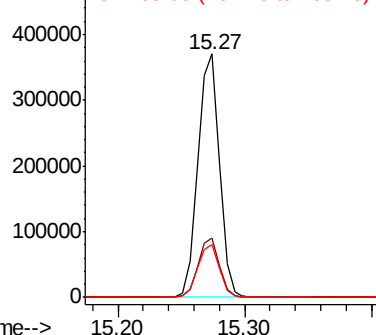


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 41.383 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

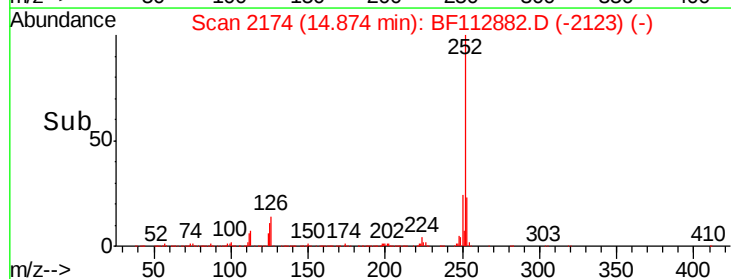
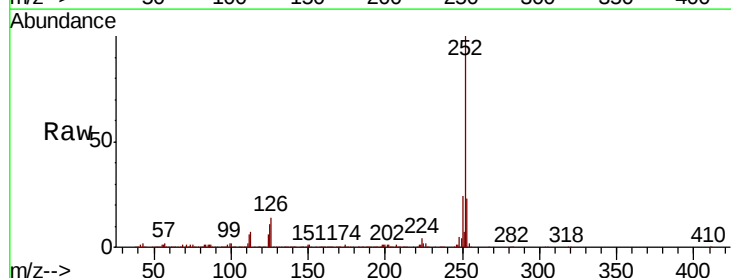
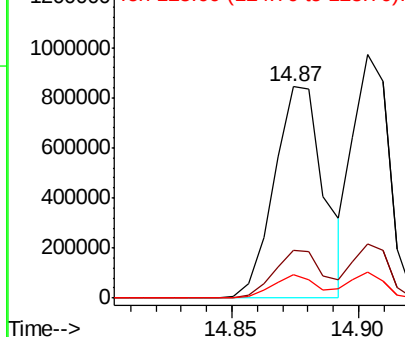
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.9	10.2	15.2

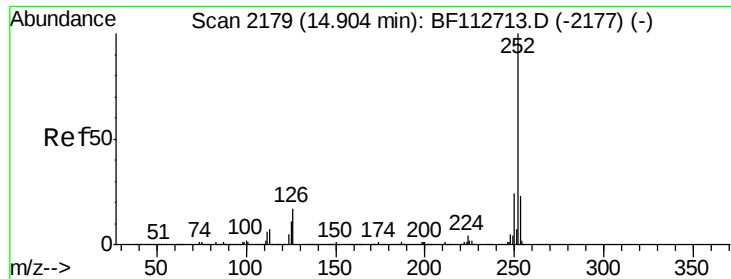
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 37.546 ng

RT: 14.90 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_F

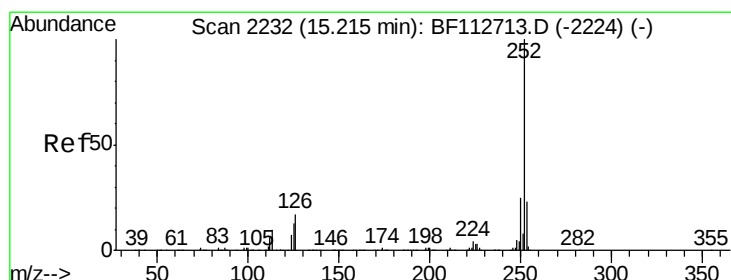
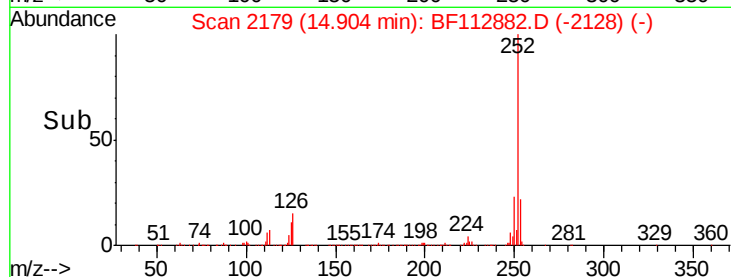
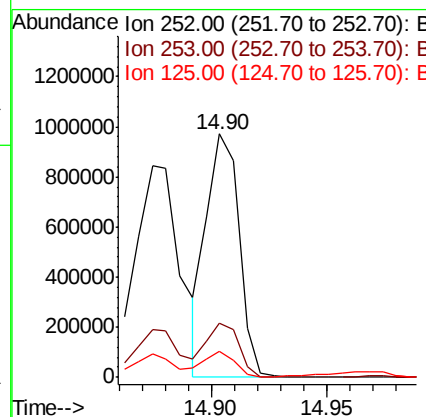
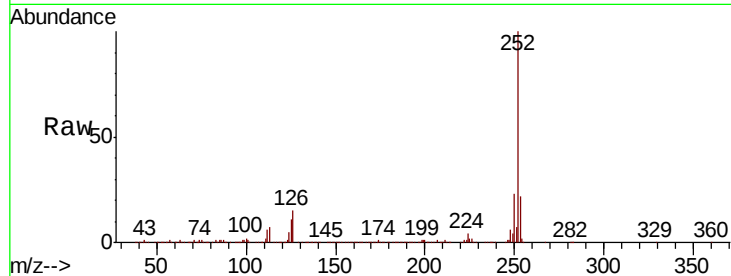
ClientSampleId :

PB117655BS

Tot Ion:	252	Resp:	949631
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.2
125	10.6	9.8	14.6

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#90

Benzo(a)pyrene

Concen: 40.447 ng

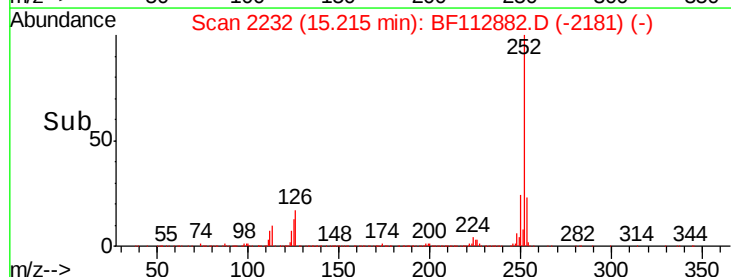
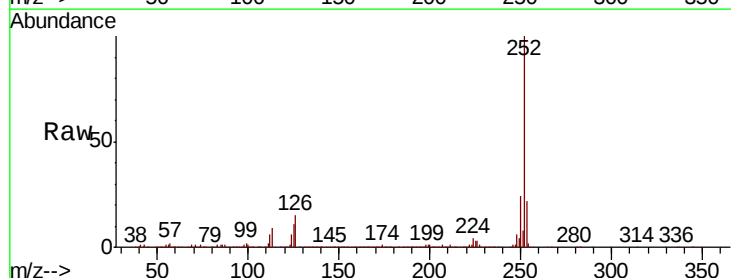
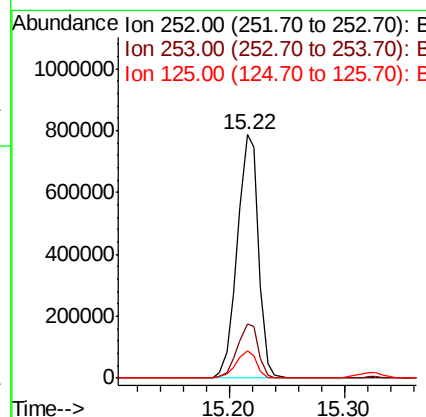
RT: 15.22 min Scan# 2232

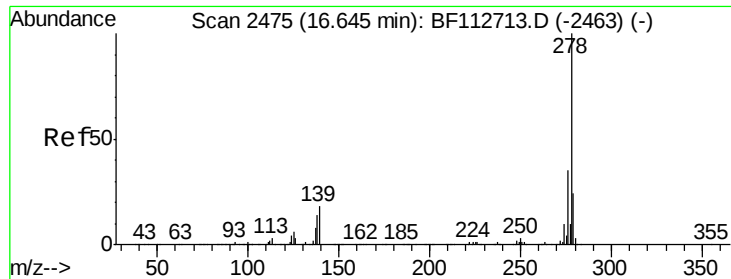
Delta R.T. -0.00 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Tgt Ion:	252	Resp:	998961
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.0	27.0
125	11.5	10.7	16.1





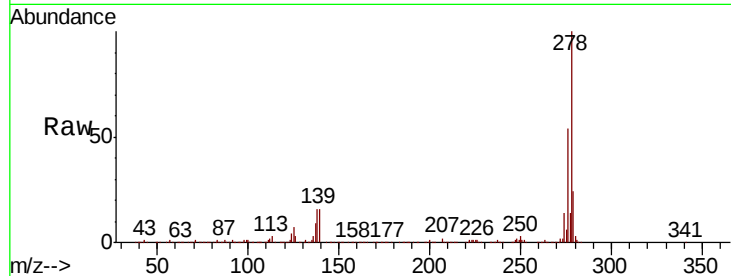
#91
Dibenzo(a,h)anthracene
Concen: 43.148 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	14.3	21.5
279	24.0	19.4	29.0

Manual Integrations
APPROVED

Sohil
3/7/2019 11:02:31 AM

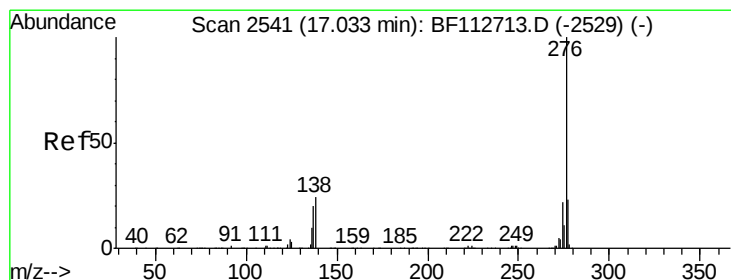
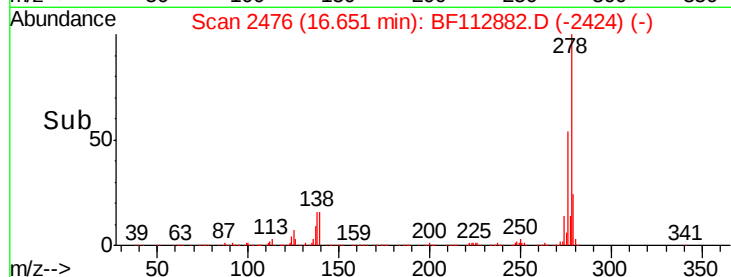
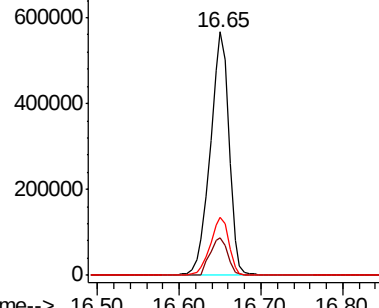


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.982 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	27.8
138	20.1	19.4	29.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

