

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
 Data File : BF112962.D
 Acq On : 11 Mar 2019 18:43
 Operator : JU/SJ
 Sample : K1785-12MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

Quant Time: Mar 12 04:40:22 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	152279	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	596035	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	325360	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	764851	20.00	ng	0.00
76) Chrysene-d12	13.87	240	524962	20.00	ng	0.00
87) Perylene-d12	15.27	264	532888	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	988334	100.96	ng	0.00
7) Phenol-d6	6.37	99	1311104	106.62	ng	0.00
23) Nitrobenzene-d5	7.29	82	784437	78.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	421897	122.14	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1207289	56.22	ng	-0.01
79) Terphenyl-d14	12.82	244	1539593	56.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	150196	30.608	ng	97
3) Pyridine	3.12	79	331286	25.234	ng	97
4) n-Nitrosodimethylamine	3.03	42	174030	30.303	ng	98
6) Aniline	6.39	93	276563	16.339	ng	# 5
8) 2-Chlorophenol	6.52	128	387019	35.515	ng	95
9) Benzaldehyde	6.27	77	170665	19.261	ng	97
10) Phenol	6.38	94	517573	36.068	ng	96
11) bis(2-Chloroethyl)ether	6.46	93	369188	33.519	ng	97
12) 1,3-Dichlorobenzene	6.67	146	402092	35.719	ng	98
13) 1,4-Dichlorobenzene	6.75	146	408685	36.201	ng	98
14) 1,2-Dichlorobenzene	6.90	146	385707	37.269	ng	98
15) Benzyl Alcohol	6.87	79	332611	35.471	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	600672	32.679	ng	97
17) 2-Methylphenol	6.99	107	320245	36.225	ng	97
18) Hexachloroethane	7.25	117	147573	34.125	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	260324	33.425	ng	99
20) 3+4-Methylphenols	7.15	107	383928	38.467	ng	# 83
22) Acetophenone	7.14	105	522131	37.464	ng	# 94
24) Nitrobenzene	7.31	77	412264	37.186	ng	98
25) Isophorone	7.55	82	767762	35.778	ng	100
26) 2-Nitrophenol	7.63	139	211360	45.798	ng	97
27) 2,4-Dimethylphenol	7.67	122	351969	40.994	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	473879	35.321	ng	99
29) 2,4-Dichlorophenol	7.87	162	343341	41.237	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	344760	38.537	ng	98
31) Naphthalene	8.03	128	1116443	37.728	ng	100
32) Benzoic acid	7.78	122	225347	37.448	ng	91
33) 4-Chloroaniline	8.08	127	133747	10.671	ng	99
34) Hexachlorobutadiene	8.16	225	197148	39.075	ng	98
35) Caprolactam	8.44	113	76061	25.937	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	377180	40.934	ng	95
37) 2-Methylnaphthalene	8.73	142	765133	40.038	ng	99
38) 1-Methylnaphthalene	8.82	142	715026	38.626	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	346365	36.506	ng	98

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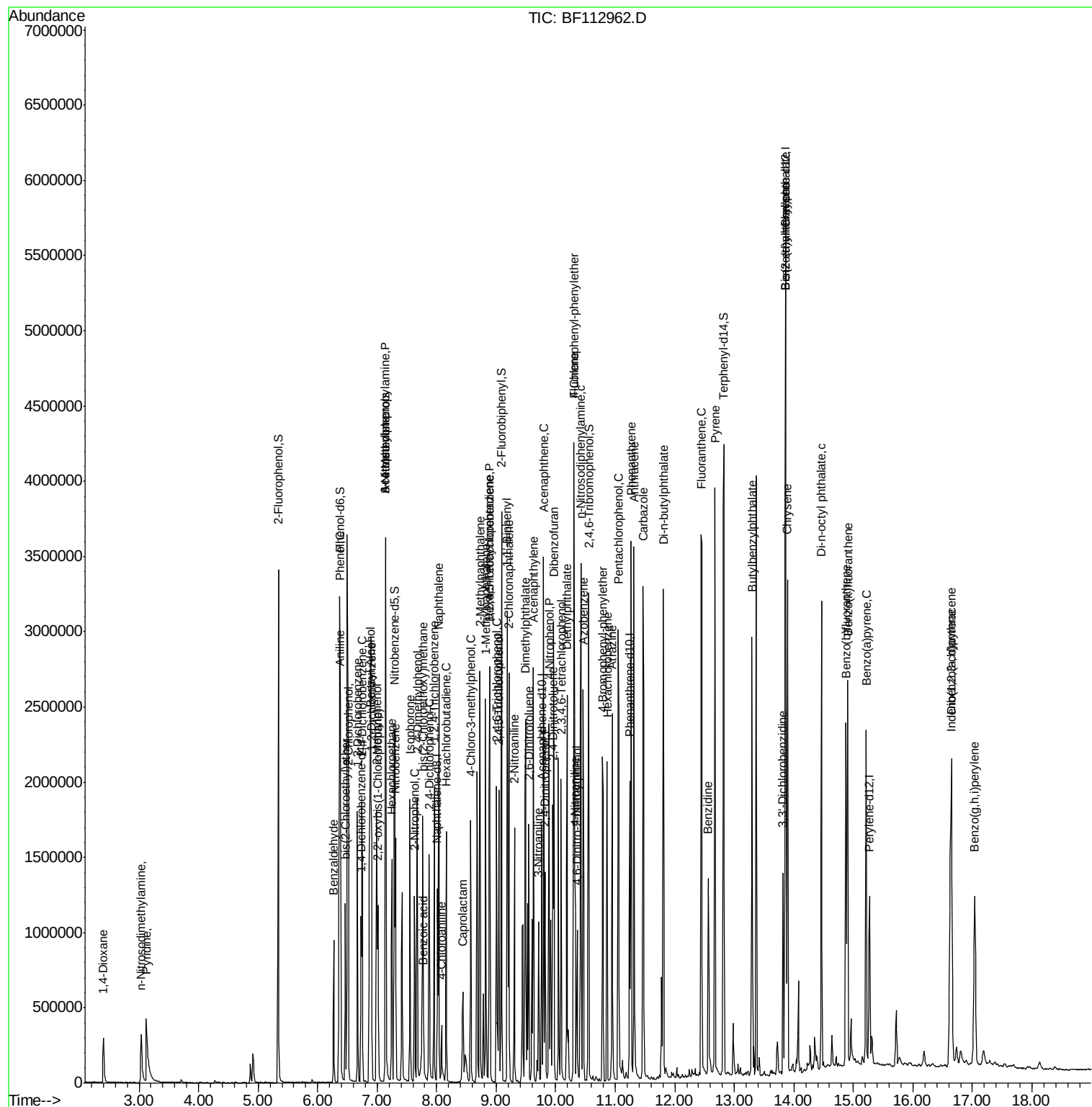
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	325995	62.745	ng	98
43) 2,4,6-Trichlorophenol	9.00	196	265830	40.710	ng	100
44) 2,4,5-Trichlorophenol	9.05	196	291921	41.361	ng	98
46) 1,1'-Biphenyl	9.19	154	944130	35.576	ng	100
47) 2-Chloronaphthalene	9.21	162	734733	35.457	ng	98
48) 2-Nitroaniline	9.30	65	260969	41.433	ng	97
49) Acenaphthylene	9.63	152	1236381	35.146	ng	99
50) Dimethylphthalate	9.49	163	1037411	43.243	ng	99
51) 2,6-Dinitrotoluene	9.55	165	213579	42.752	ng	88
52) Acenaphthene	9.80	154	714070	34.710	ng	98
53) 3-Nitroaniline	9.71	138	165823	27.240	ng	91
54) 2,4-Dinitrophenol	9.82	184	190371	92.098	ng	92
55) Dibenzofuran	9.97	168	1112147	37.196	ng	97
56) 4-Nitrophenol	9.89	139	420812	85.058	ng	94
57) 2,4-Dinitrotoluene	9.95	165	294897	47.488	ng	87
58) Fluorene	10.31	166	835941	39.392	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	267452	45.483	ng	94
60) Diethylphthalate	10.19	149	957961	37.808	ng	98
61) 4-Chlorophenyl-phenylether	10.30	204	408966	41.420	ng	92
62) 4-Nitroaniline	10.33	138	249332	44.325	ng	92
63) Azobenzene	10.46	77	887958	34.215	ng	95
65) 4,6-Dinitro-2-methylphenol	10.36	198	131270	42.369	ng	86
66) n-Nitrosodiphenylamine	10.42	169	800531	32.635	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	282007	35.005	ng	# 91
68) Hexachlorobenzene	10.86	284	329088	36.238	ng	# 87
69) Atrazine	10.95	200	277346	36.917	ng	98
70) Pentachlorophenol	11.05	266	406971	76.139	ng	98
71) Phenanthrene	11.27	178	1397414	36.722	ng	99
72) Anthracene	11.32	178	1452255	36.457	ng	100
73) Carbazole	11.47	167	1443175	37.139	ng	99
74) Di-n-butylphthalate	11.81	149	1673890	35.925	ng	100
75) Fluoranthene	12.45	202	1634545	40.091	ng	96
77) Benzidine	12.57	184	511492	18.780	ng	98
78) Pyrene	12.67	202	1646068	37.195	ng	100
80) Butylbenzylphthalate	13.30	149	748142	38.298	ng	89
81) Benzo(a)anthracene	13.86	228	1175915	32.320	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	324954	23.615	ng	# 98
83) Chrysene	13.89	228	1237571	34.726	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	902907	39.406	ng	99
85) Di-n-octyl phthalate	14.46	149	1617270	41.105	ng	97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1233386	40.595	ng	95
88) Benzo(b)fluoranthene	14.87	252	1146021	33.248	ng	98
89) Benzo(k)fluoranthene	14.90	252	1080693	34.613	ng	97
90) Benzo(a)pyrene	15.22	252	1083742	35.546	ng	97
91) Dibenzo(a,h)anthracene	16.65	278	1027957	39.512	ng	97
92) Benzo(g,h,i)perylene	17.04	276	989380	37.873	ng	97

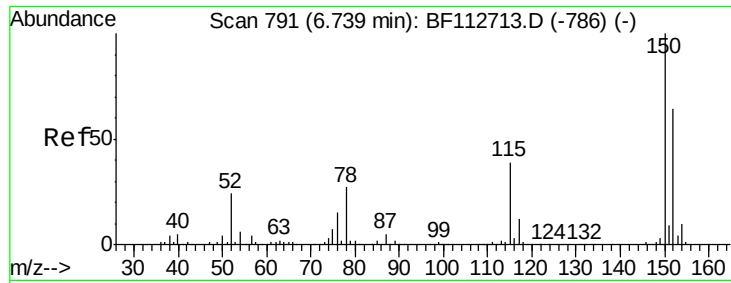
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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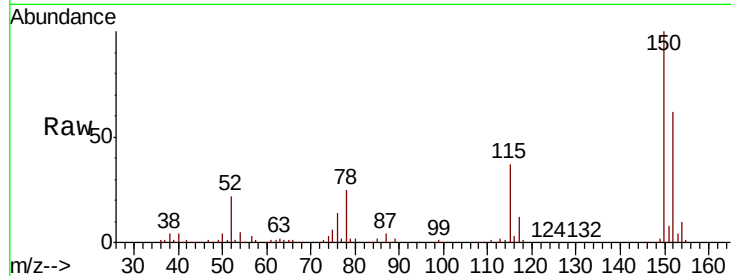


#1

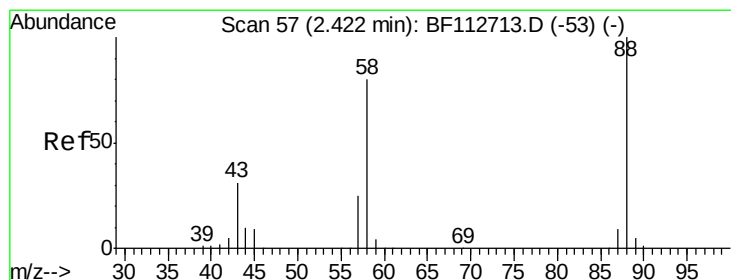
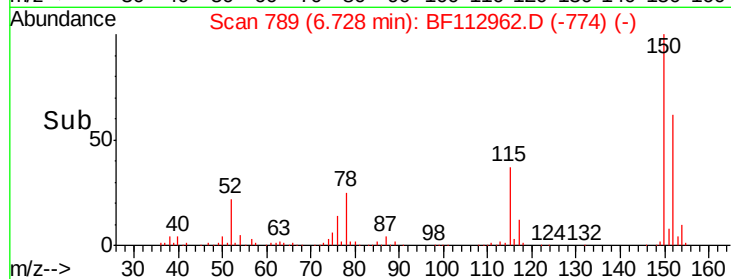
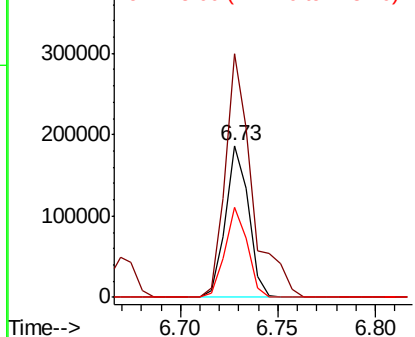
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tgt Ion: 152 Resp: 152279
Ion Ratio Lower Upper
152 100
150 160.4 124.2 186.2
115 59.5 48.2 72.4



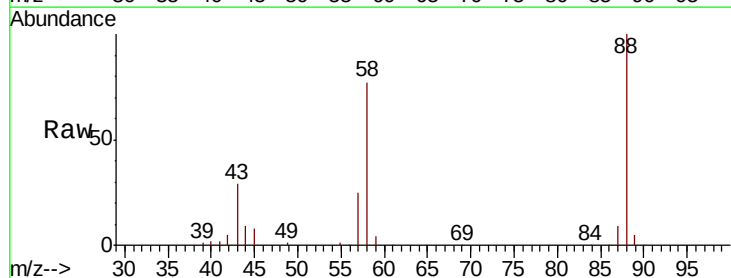
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



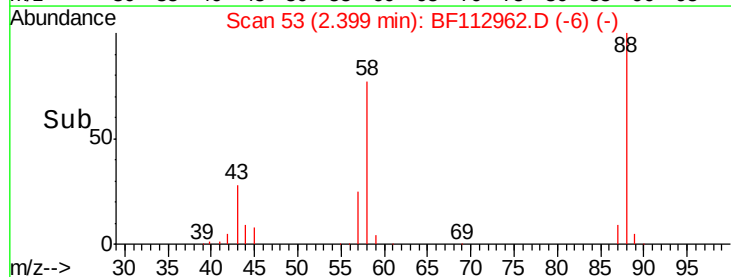
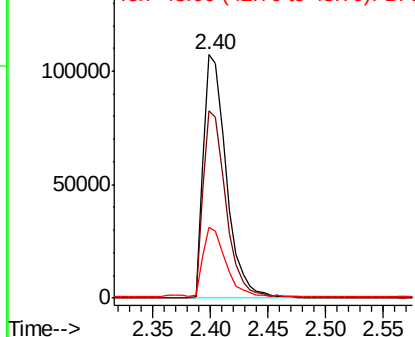
#2

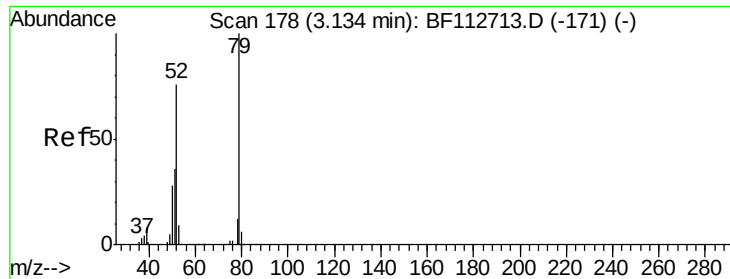
1,4-Dioxane
Concen: 30.608 ng
RT: 2.40 min Scan# 53
Delta R.T. -0.02 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion: 88 Resp: 150196
Ion Ratio Lower Upper
88 100
58 76.3 63.1 94.7
43 28.0 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

Pyridine

Concen: 25.234 ng

RT: 3.12 min Scan# 176

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

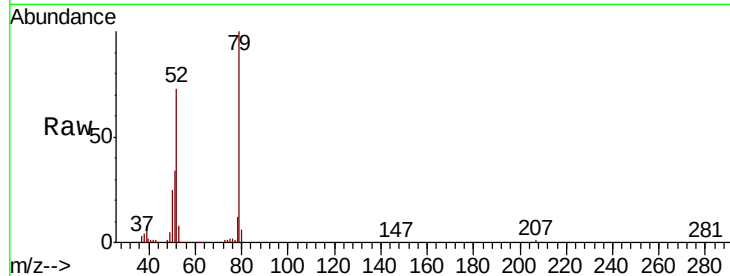
Tgt Ion: 79 Resp: 331286

Ion Ratio Lower Upper

79 100

52 73.1 60.5 90.7

51 34.4 28.8 43.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

200000

150000

100000

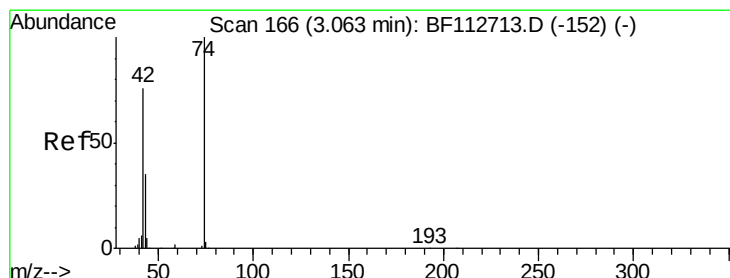
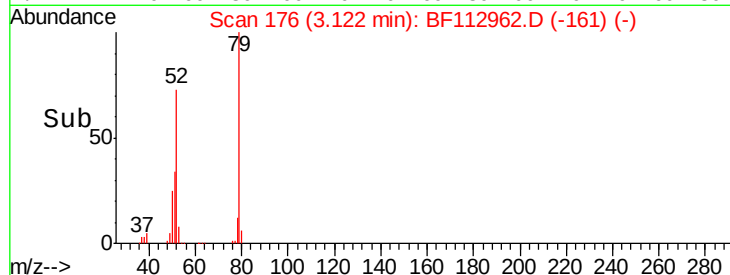
50000

0

3.12

3.10 3.20 3.30

Time-->



#4

n-Nitrosodimethylamine

Concen: 30.303 ng

RT: 3.03 min Scan# 161

Delta R.T. -0.03 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

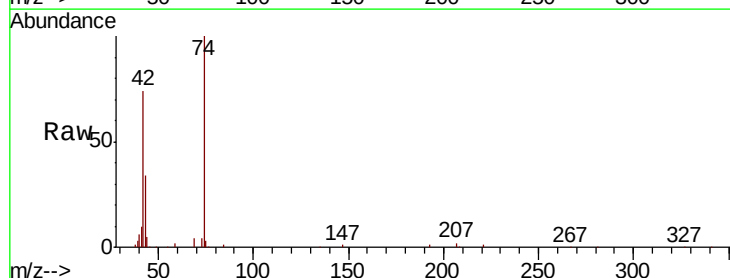
Tgt Ion: 42 Resp: 174030

Ion Ratio Lower Upper

42 100

74 134.6 105.8 158.8

44 7.0 6.2 9.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

150000

100000

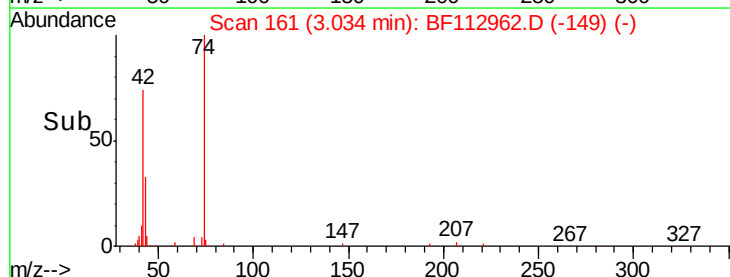
50000

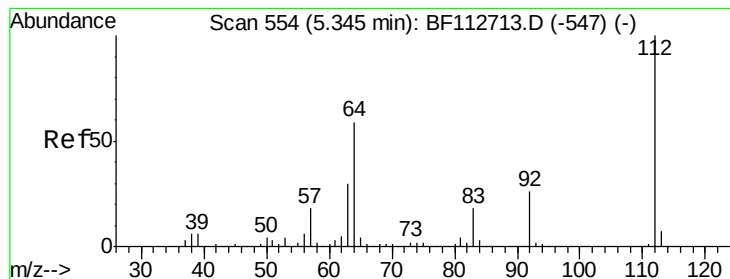
0

3.03

3.00 3.10

Time-->

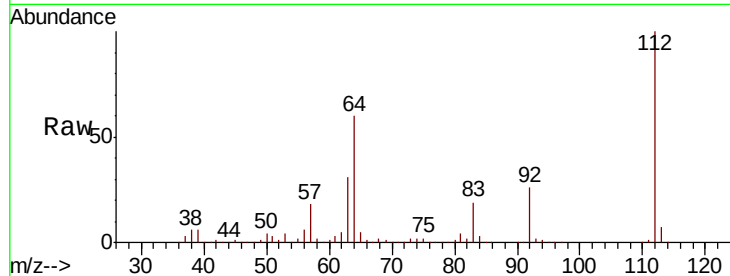




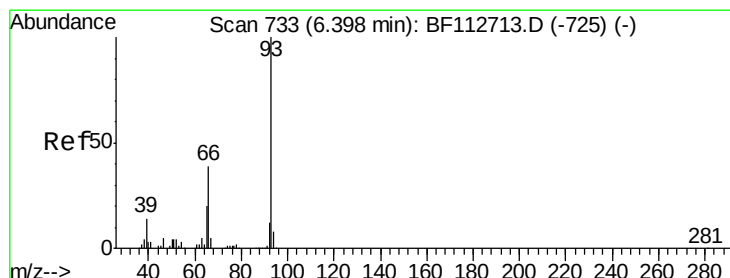
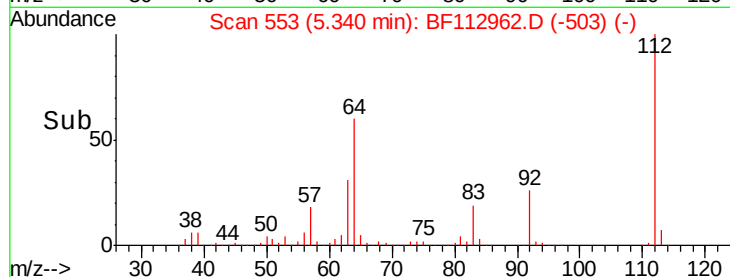
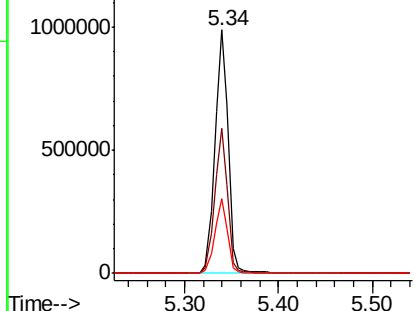
#5
2-Fluorophenol
Concen: 100.959 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
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SD2-0.0-0.5MSD

Tgt Ion: 112 Resp: 988334
Ion Ratio Lower Upper
112 100
64 59.6 47.6 71.4
63 30.6 24.4 36.6

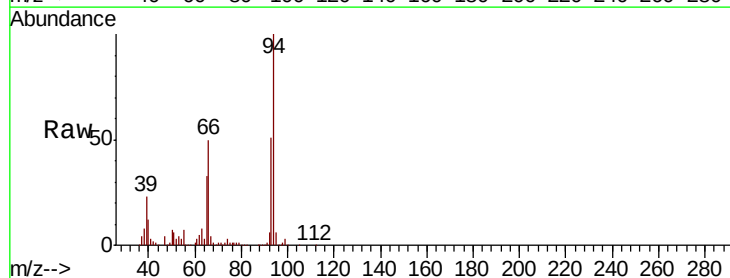


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

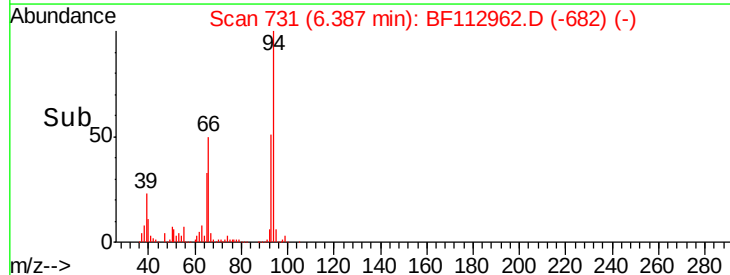
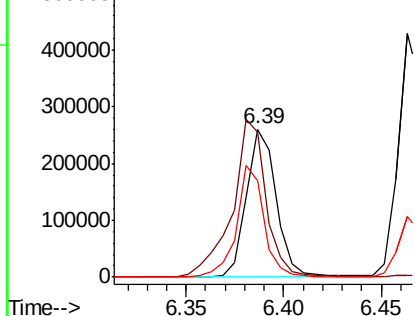


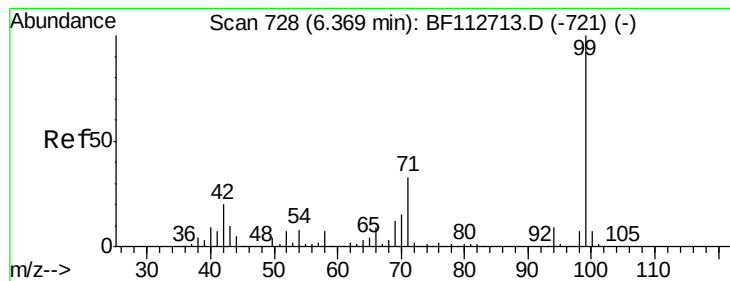
#6
Aniline
Concen: 16.339 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion: 93 Resp: 276563
Ion Ratio Lower Upper
93 100
66 98.2 32.2 48.2#
65 65.0 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: 106.619 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

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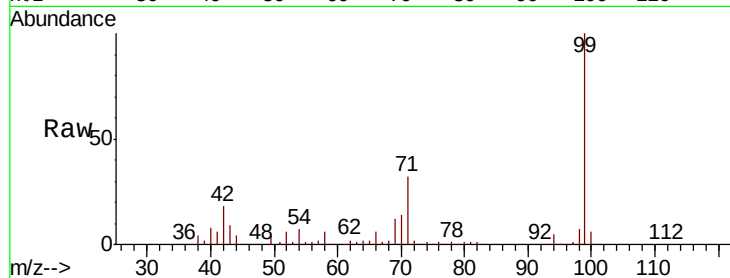
Tgt Ion: 99 Resp: 1311104

Ion Ratio Lower Upper

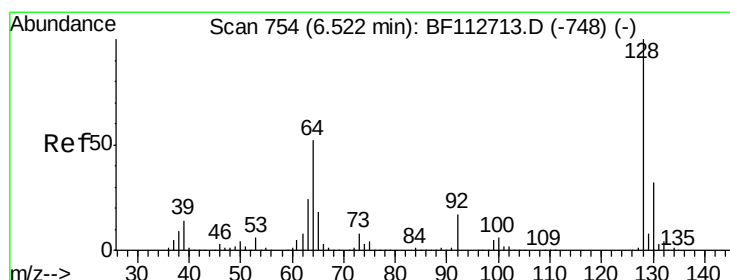
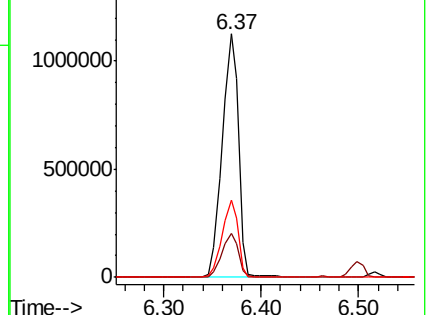
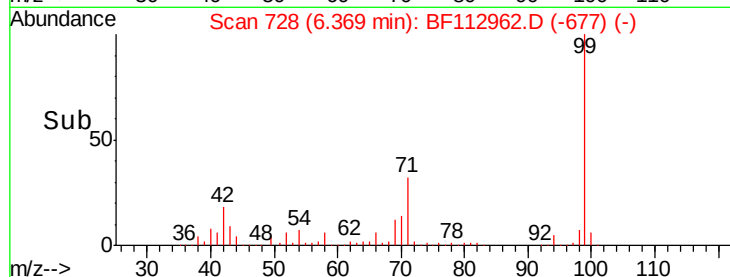
99 100

42 18.3 16.3 24.5

71 31.8 26.2 39.4



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: 35.515 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

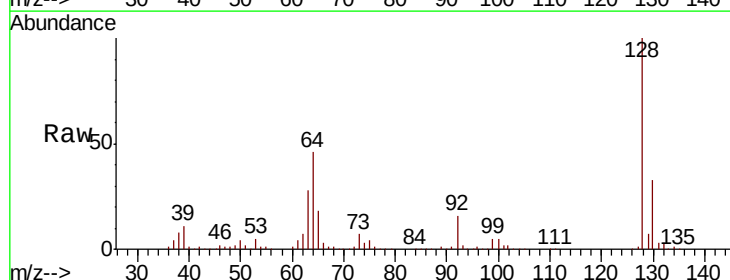
Tgt Ion: 128 Resp: 387019

Ion Ratio Lower Upper

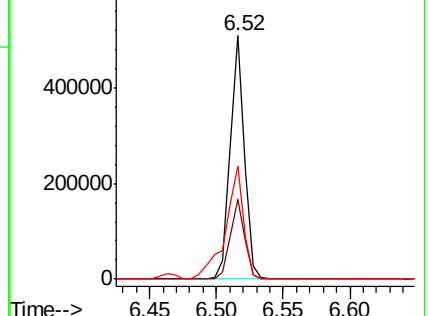
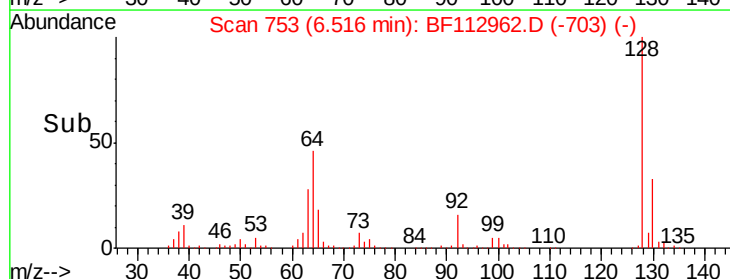
128 100

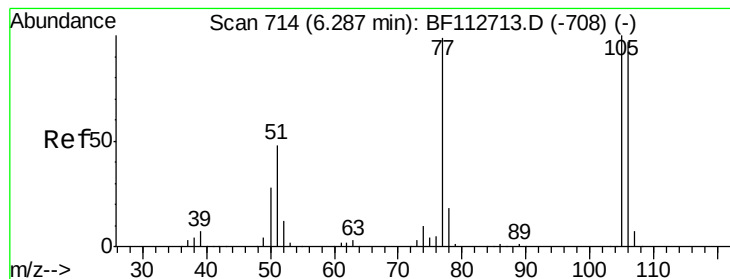
130 32.7 12.4 52.4

64 46.4 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: 19.261 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.02 min

Lab File: BF112962.D

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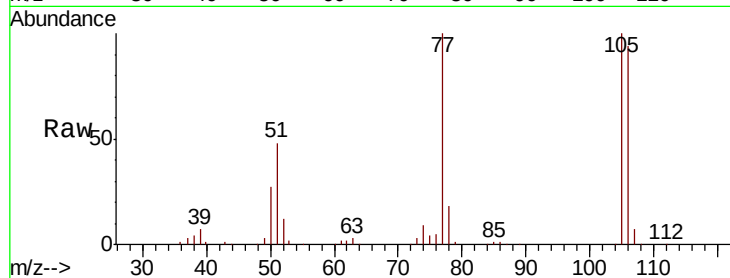
Tgt Ion: 77 Resp: 170665

Ion Ratio Lower Upper

77 100

105 100.4 81.4 121.4

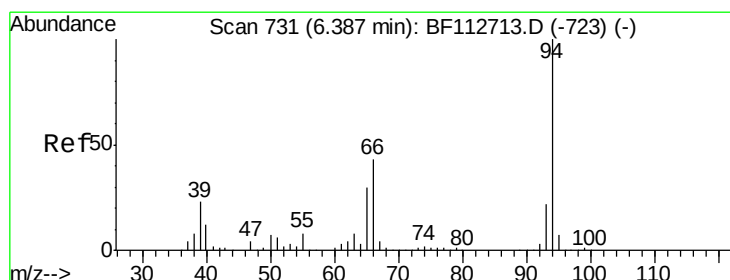
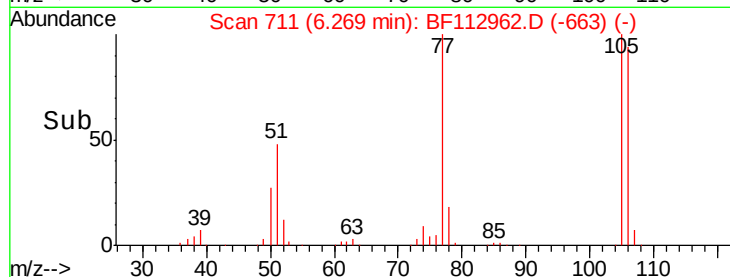
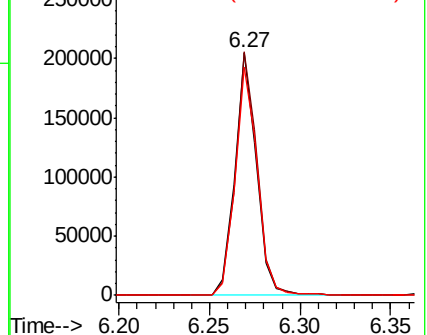
106 94.2 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.068 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

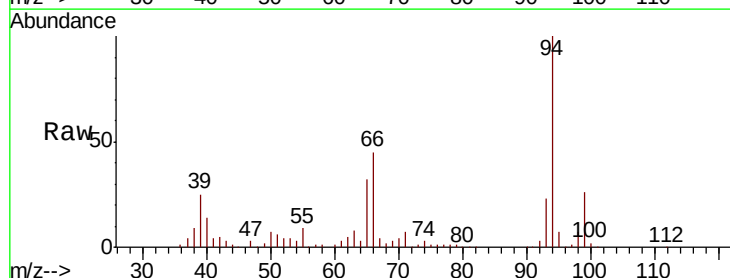
Tgt Ion: 94 Resp: 517573

Ion Ratio Lower Upper

94 100

65 32.1 10.5 50.5

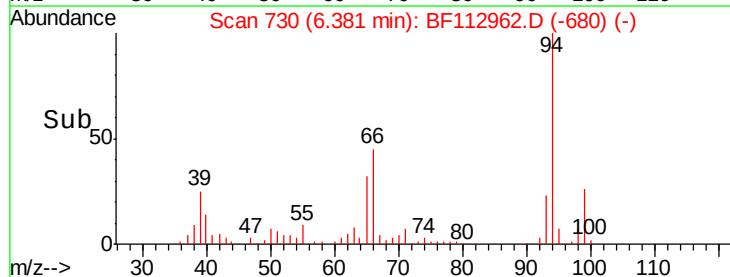
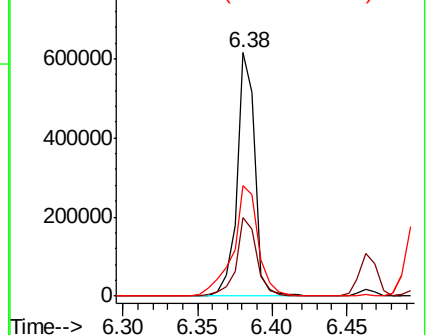
66 45.4 22.6 62.6

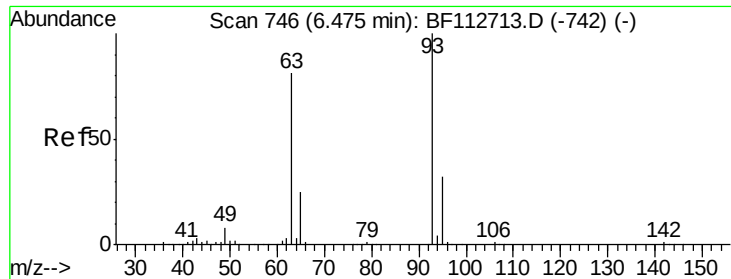


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

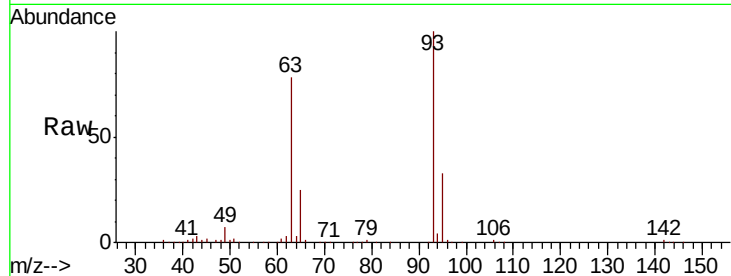




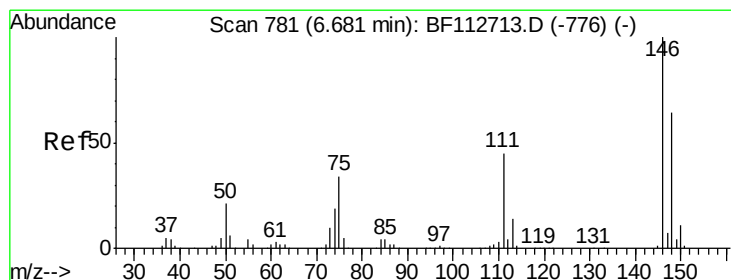
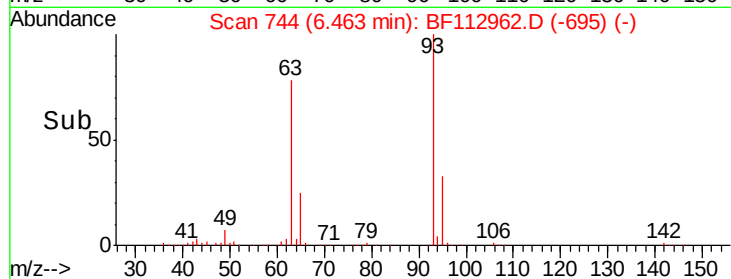
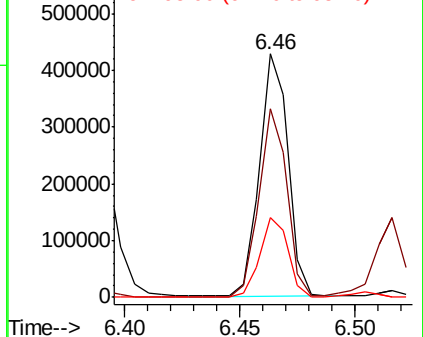
#11
bis(2-Chloroethyl)ether
Concen: 33.519 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tgt Ion: 93 Resp: 369188
Ion Ratio Lower Upper
93 100
63 77.7 60.5 100.5
95 32.9 12.1 52.1

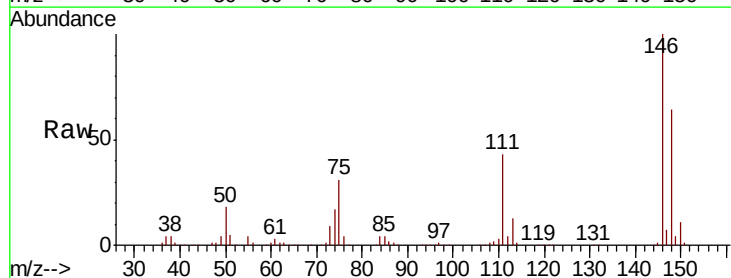


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

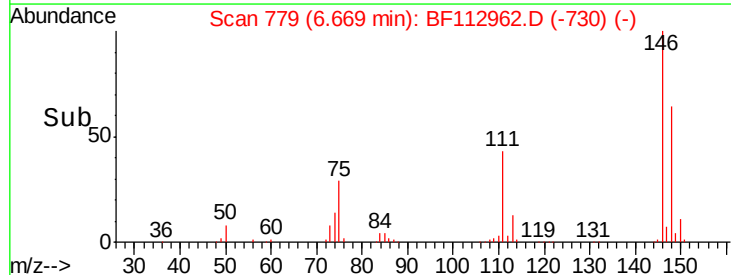
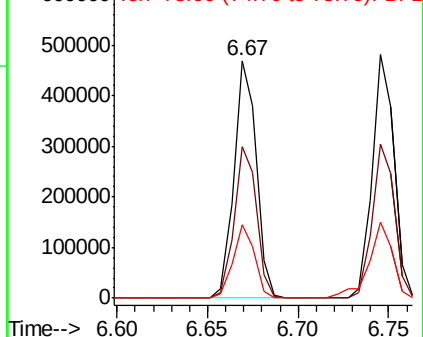


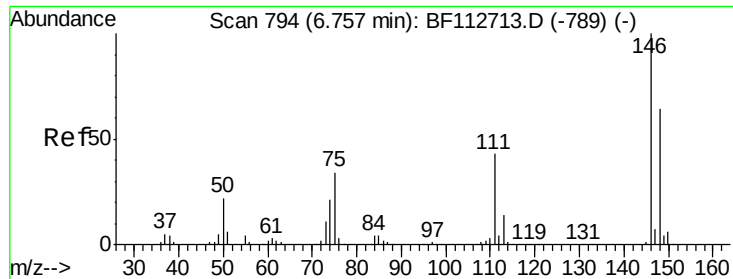
#12
1,3-Dichlorobenzene
Concen: 35.719 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion: 146 Resp: 402092
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
75 30.7 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

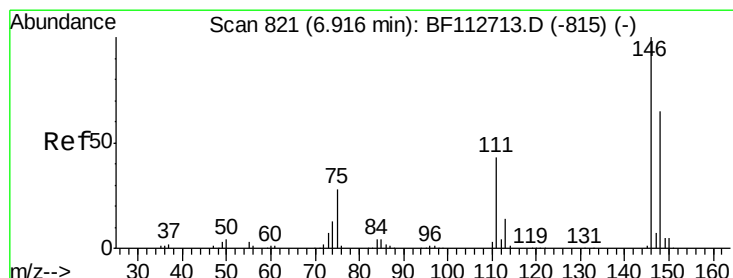
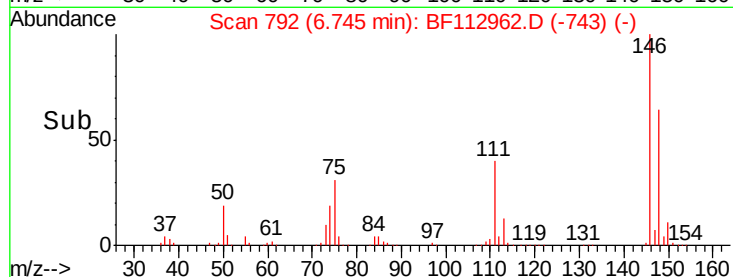
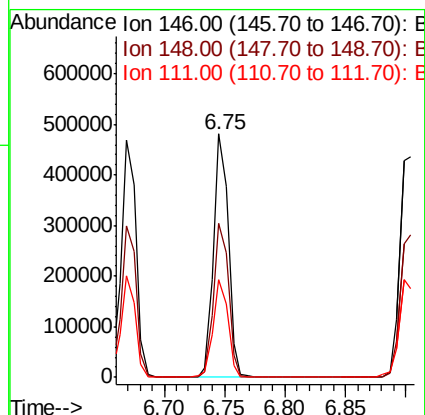
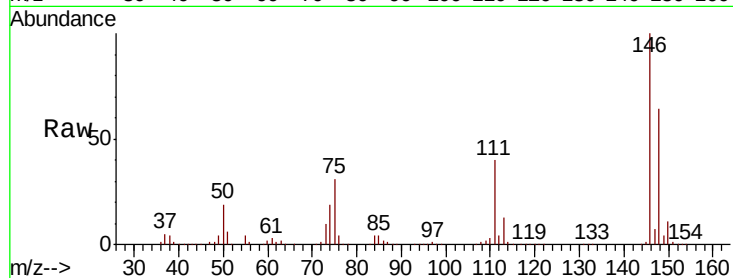




#13
 1,4-Dichlorobenzene
 Concen: 36.201 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

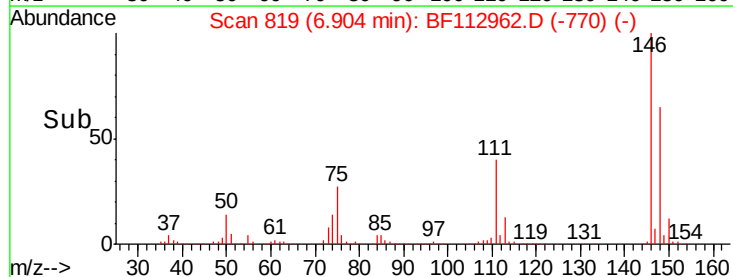
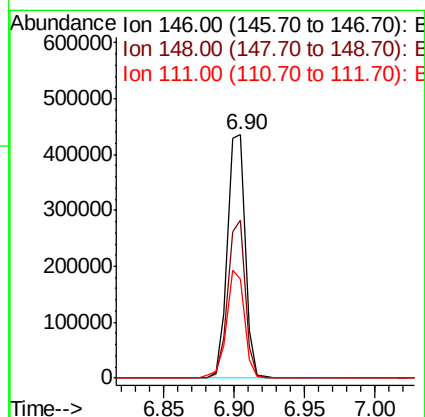
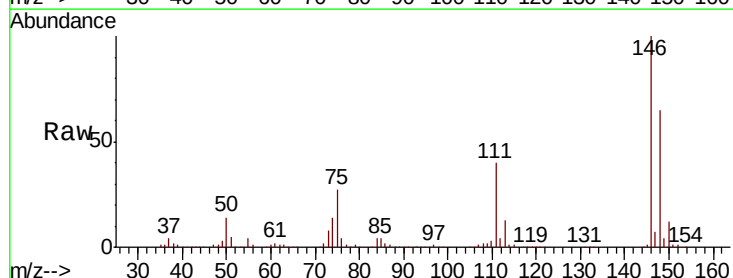
Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

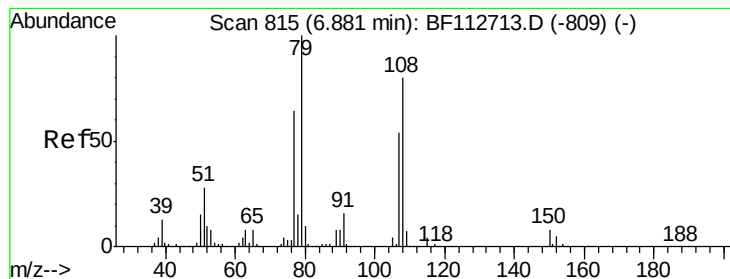
Tgt Ion:146 Resp: 408685
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.0 76.4
 111 40.2 34.5 51.7



#14
 1,2-Dichlorobenzene
 Concen: 37.269 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Tgt Ion:146 Resp: 385707
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.0 78.0
 111 40.4 34.8 52.2





#15

Benzyl Alcohol

Concen: 35.471 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

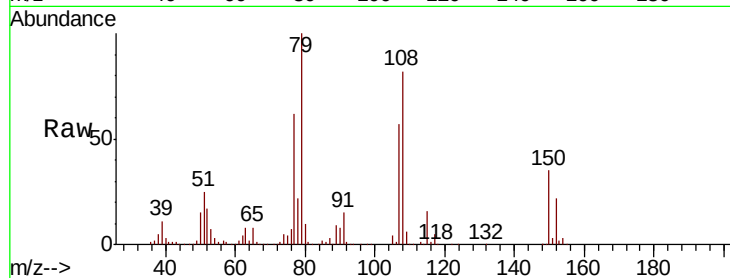
Tgt Ion: 79 Resp: 332611

Ion Ratio Lower Upper

79 100

108 82.2 64.2 96.4

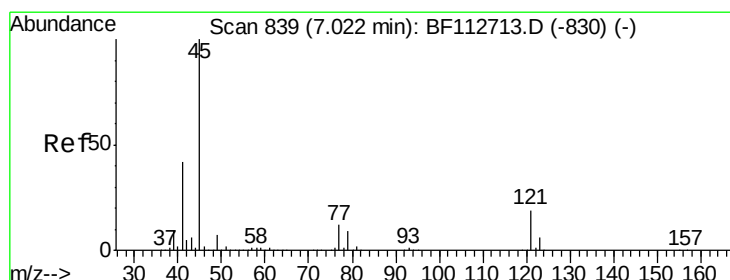
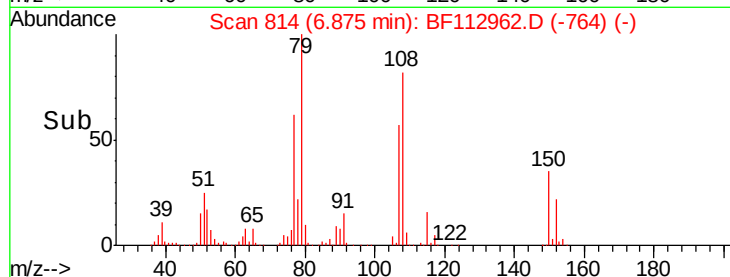
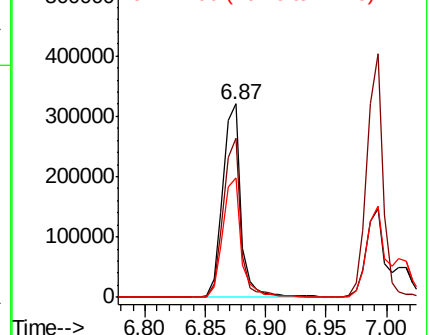
77 61.9 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.679 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

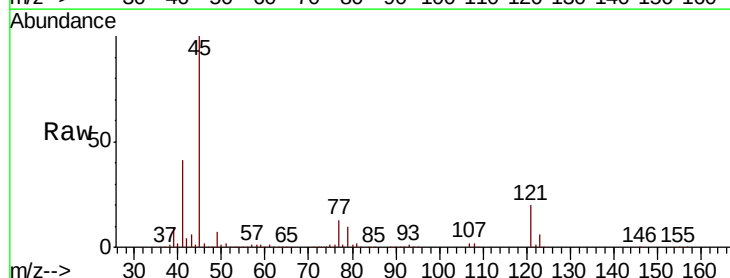
Tgt Ion: 45 Resp: 600672

Ion Ratio Lower Upper

45 100

77 13.3 0.0 32.1

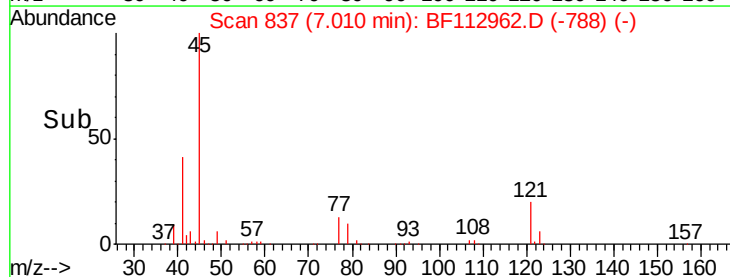
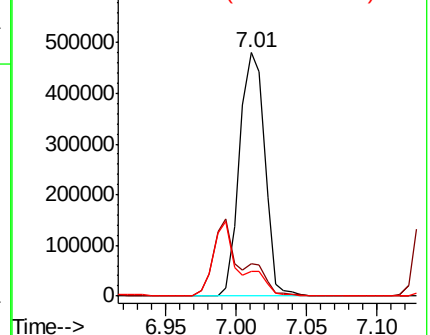
79 10.2 0.0 29.4

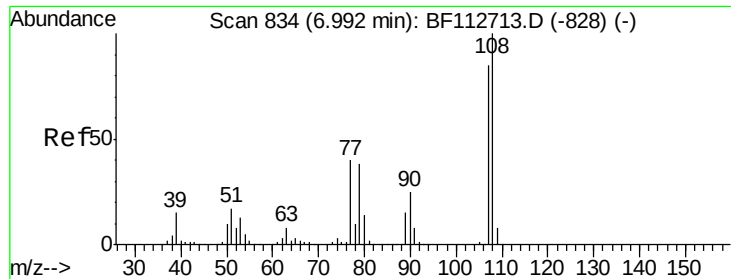


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

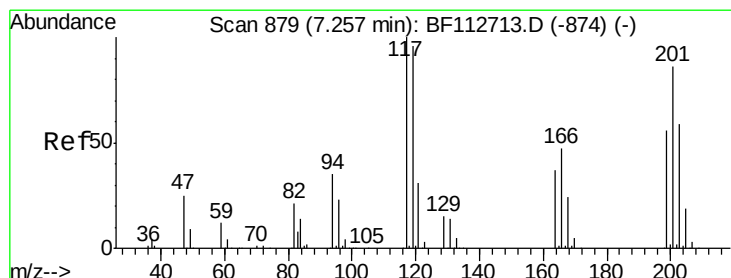
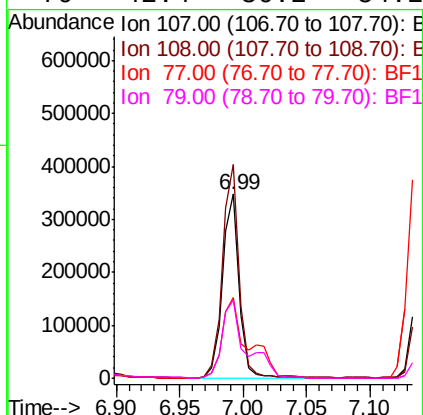
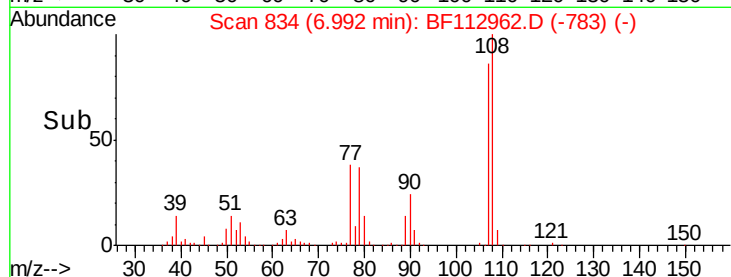
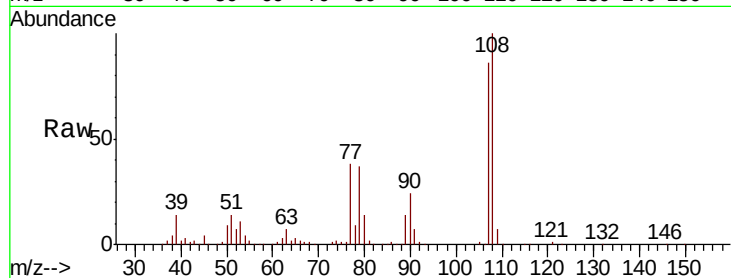




#17
2-Methylphenol
Concen: 36.225 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

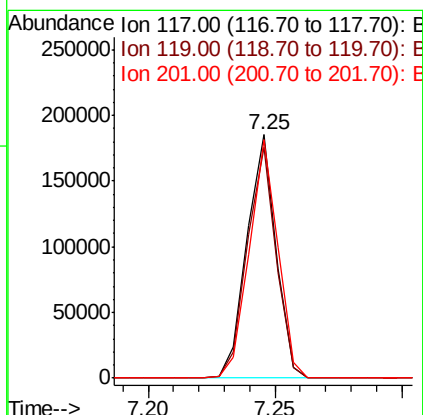
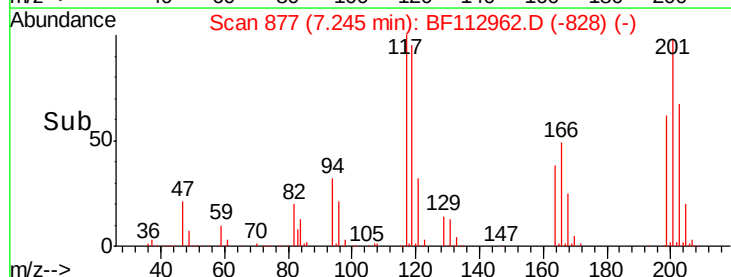
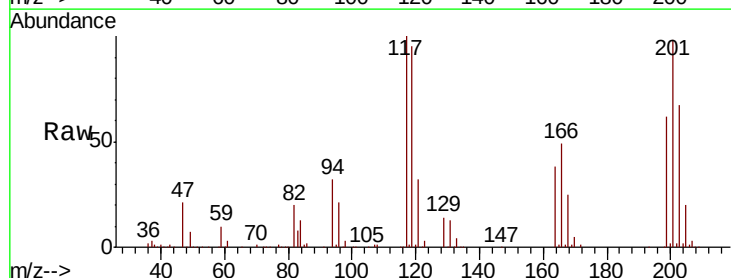
Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

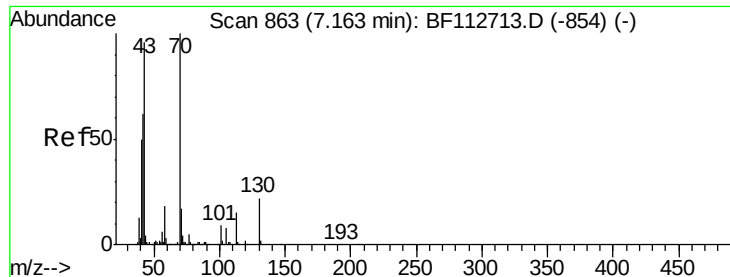
Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.0	94.6	142.0
77	43.5	37.8	56.8
79	42.4	36.2	54.2



#18
Hexachloroethane
Concen: 34.125 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.6	115.0
201	97.8	68.9	103.3

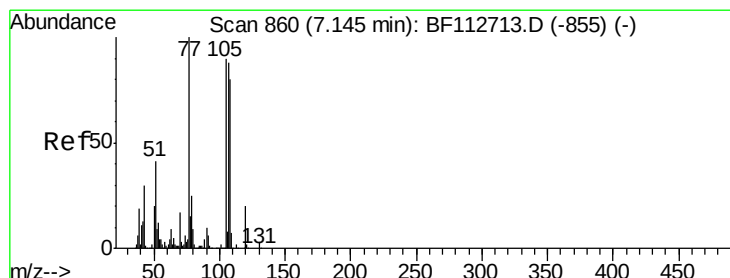
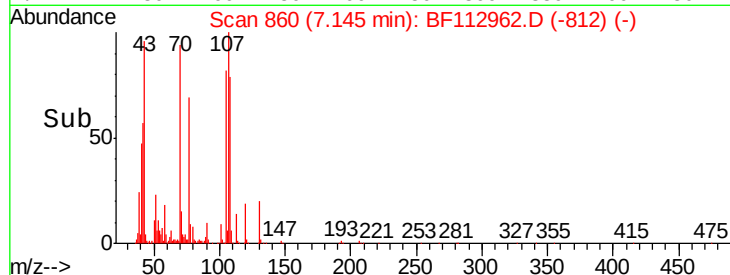
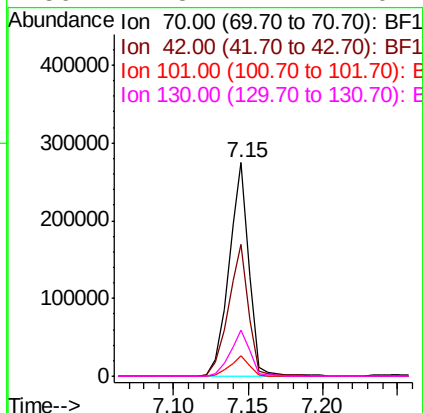
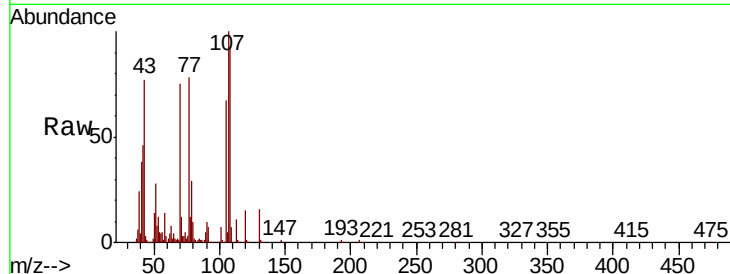




#19
n-Nitroso-di-n-propylamine
Concen: 33.425 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

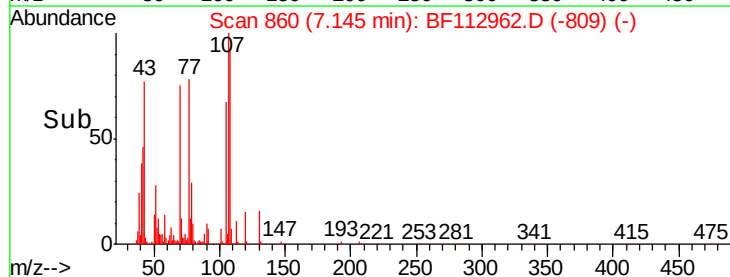
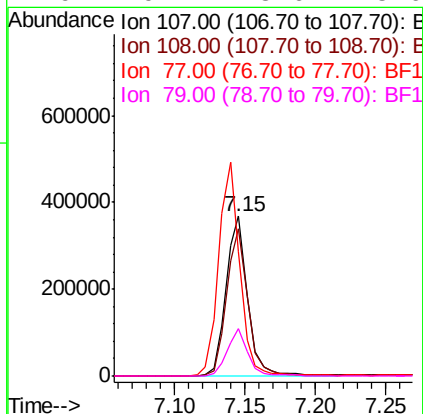
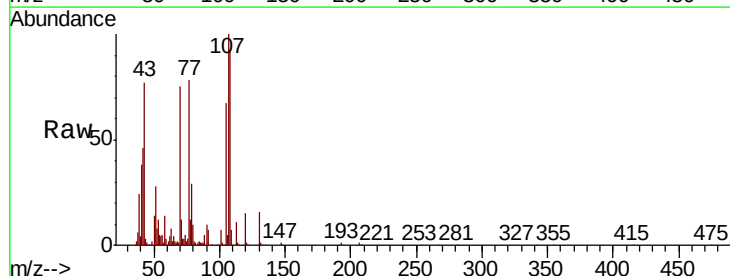
Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

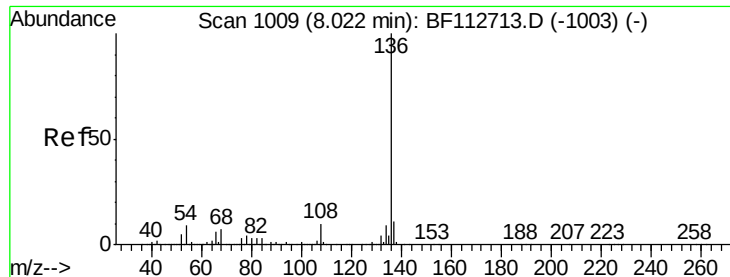
Tgt Ion:	70	Resp:	260324
Ion	Ratio	Lower	Upper
70	100		
42	61.5	49.9	74.9
101	9.6	7.4	11.2
130	21.8	17.4	26.2



#20
3+4-Methylphenols
Concen: 38.467 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion:	107	Resp:	383928
Ion	Ratio	Lower	Upper
107	100		
108	92.7	71.4	111.4
77	78.0	94.1	134.1#
79	29.4	8.6	48.6

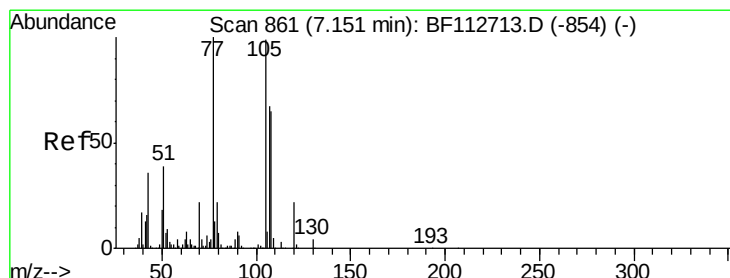
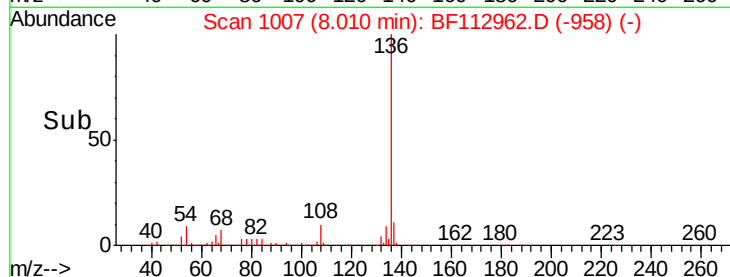
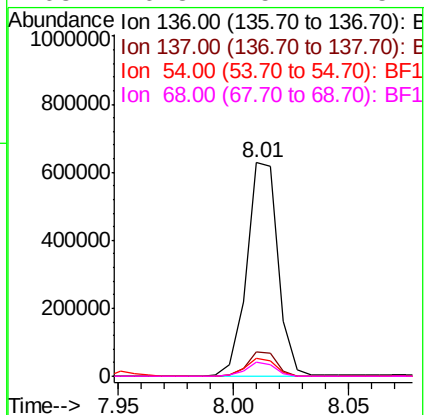
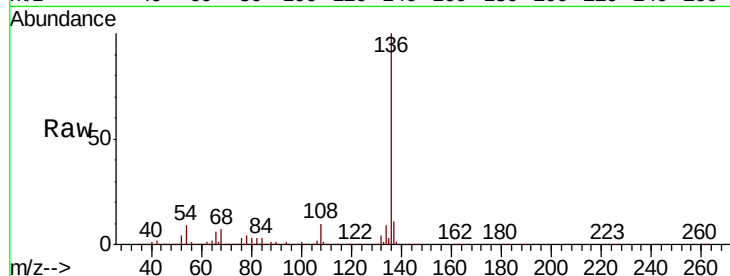




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

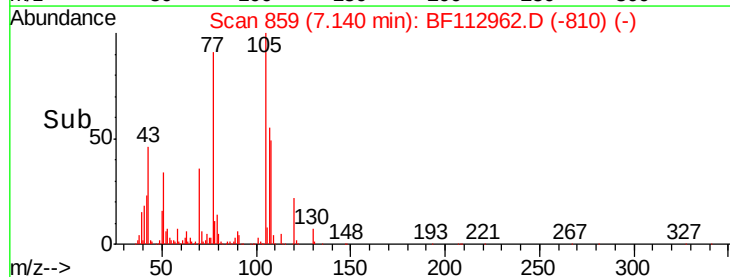
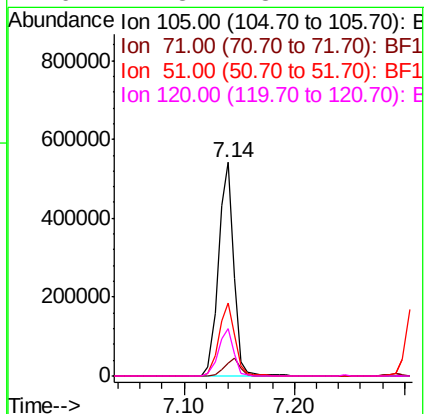
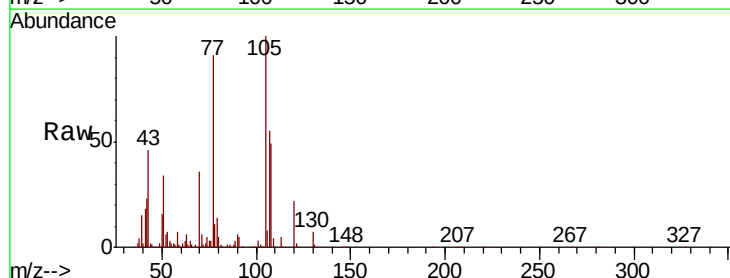
Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

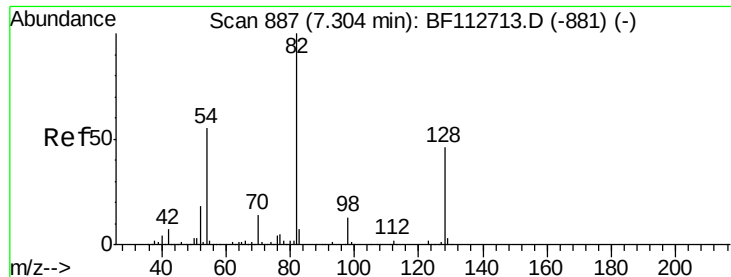
Tgt Ion:	136	Resp:	596035
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	8.6	7.3	10.9
68	6.8	5.4	8.2



#22
Acetophenone
Concen: 37.464 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion:	105	Resp:	522131
Ion Ratio	Lower	Upper	
105	100		
71	6.0	3.0	4.4#
51	34.0	31.5	47.3
120	22.3	18.1	27.1

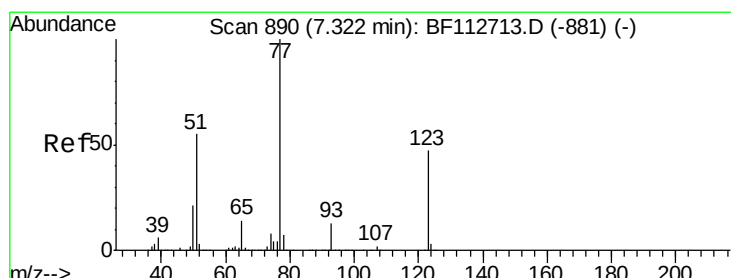
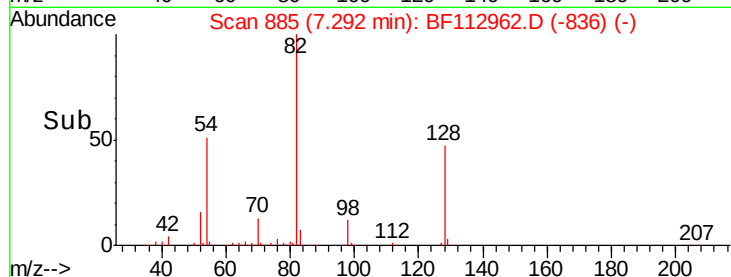
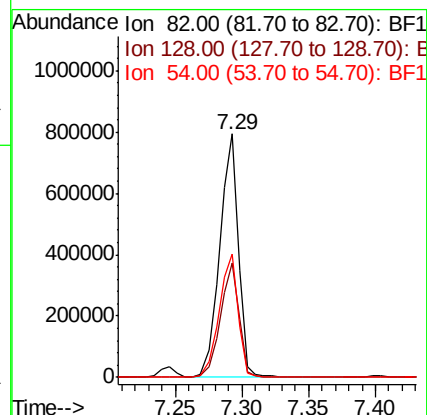
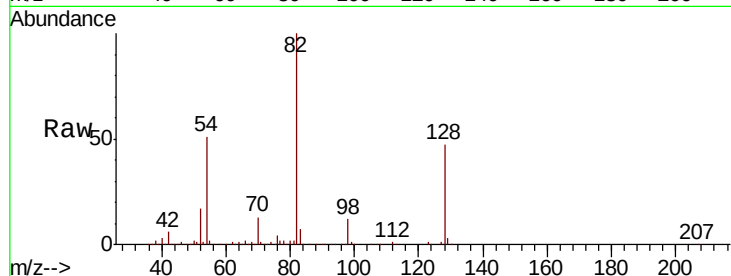




#23
 Nitrobenzene-d5
 Concen: 78.752 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

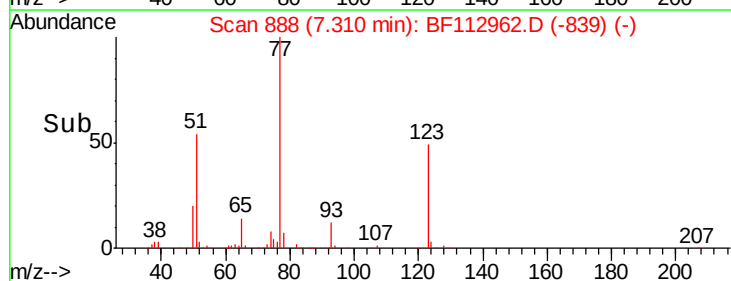
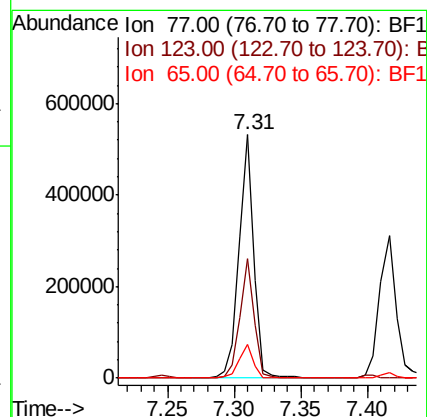
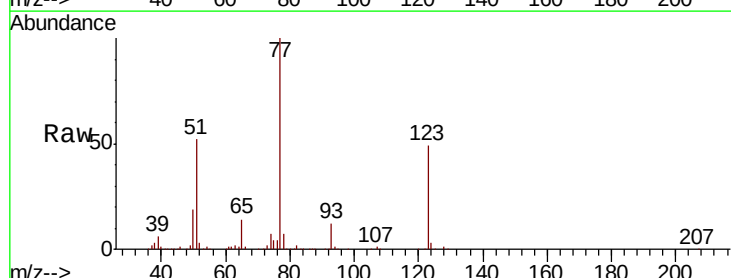
Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

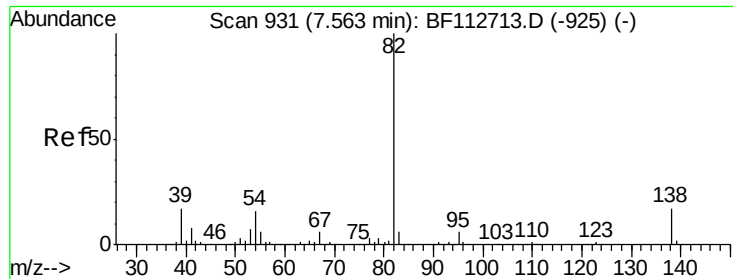
Tgt Ion: 82 Resp: 784437
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.3 54.5
 54 50.8 43.7 65.5



#24
 Nitrobenzene
 Concen: 37.186 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Tgt Ion: 77 Resp: 412264
 Ion Ratio Lower Upper
 77 100
 123 48.9 37.8 56.6
 65 13.7 11.1 16.7

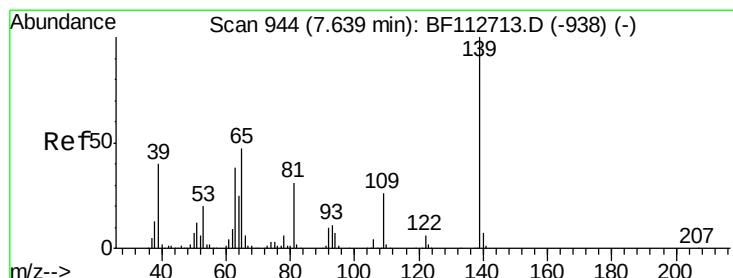
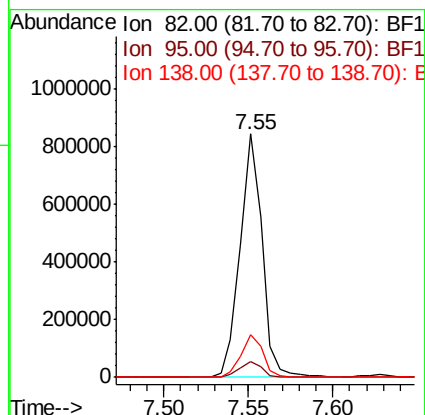
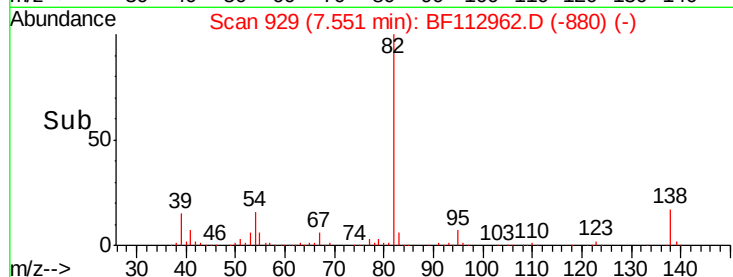
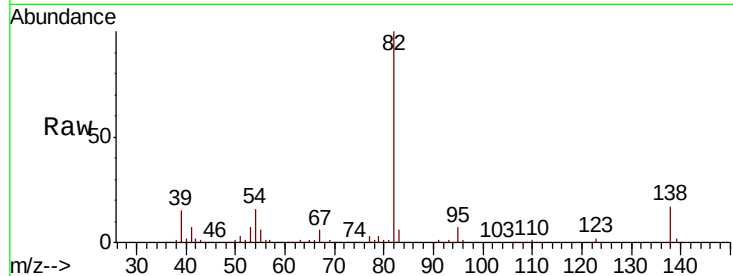




#25
Isophorone
Concen: 35.778 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

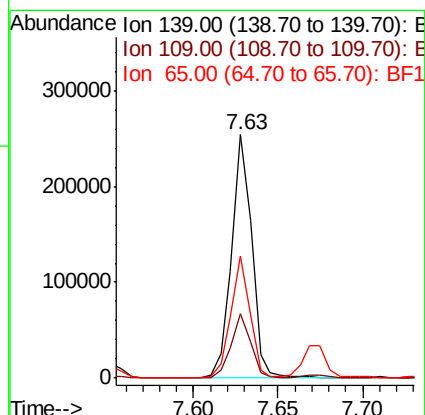
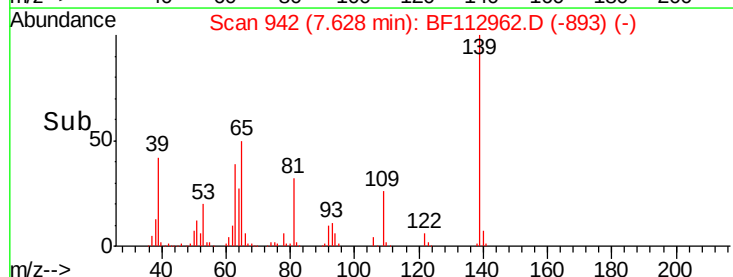
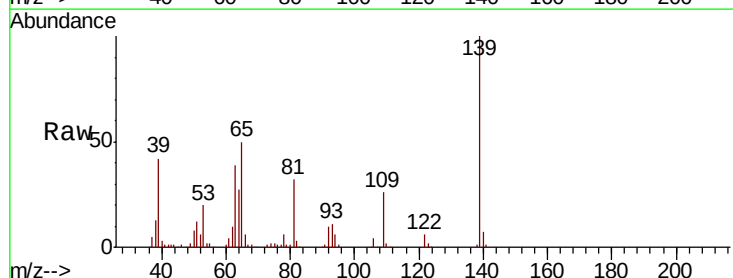
Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

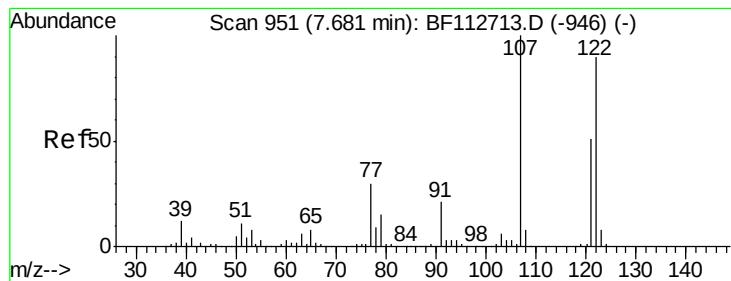
Tgt Ion: 82 Resp: 767762
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 17.3 13.8 20.8



#26
2-Nitrophenol
Concen: 45.798 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion: 139 Resp: 211360
Ion Ratio Lower Upper
139 100
109 26.2 20.6 31.0
65 50.0 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 40.994 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

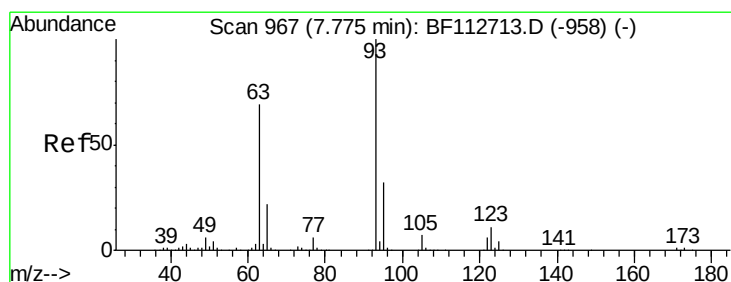
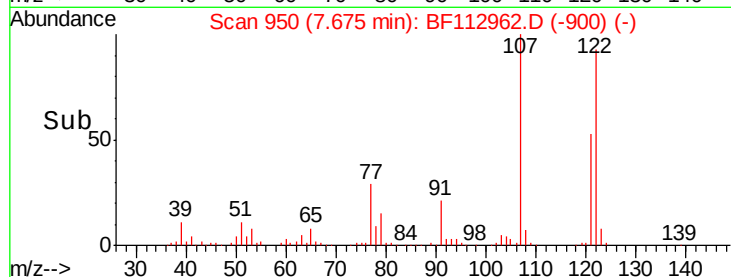
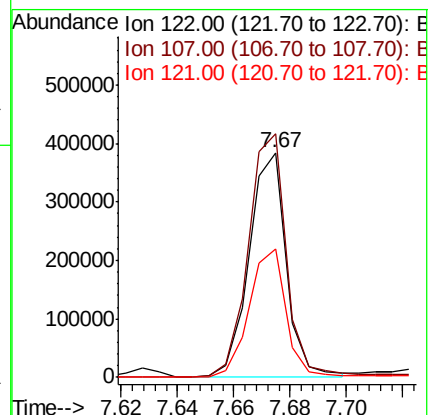
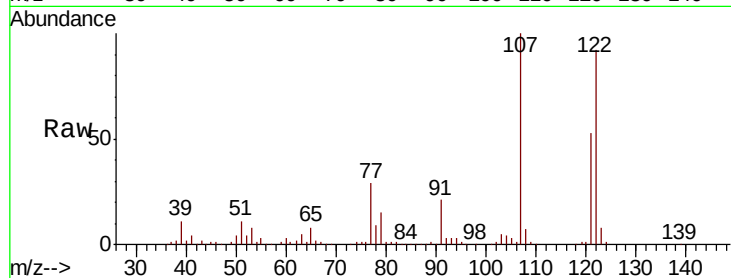
Tgt Ion:122 Resp: 351969

Ion Ratio Lower Upper

122 100

107 108.2 89.4 134.0

121 57.0 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 35.321 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

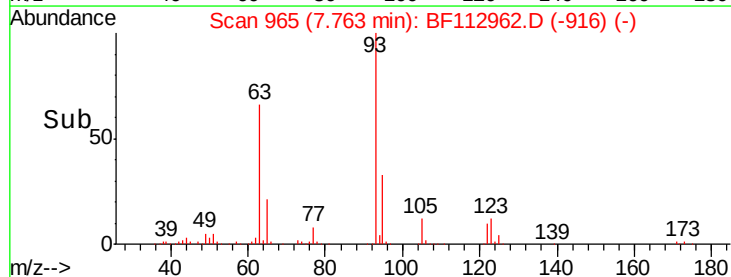
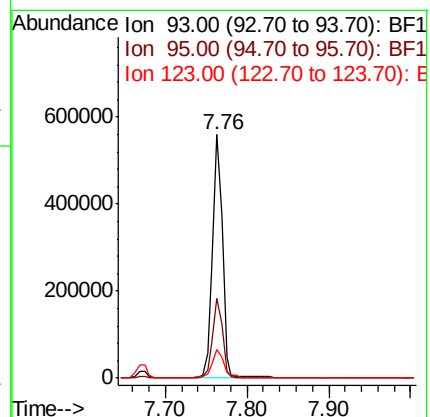
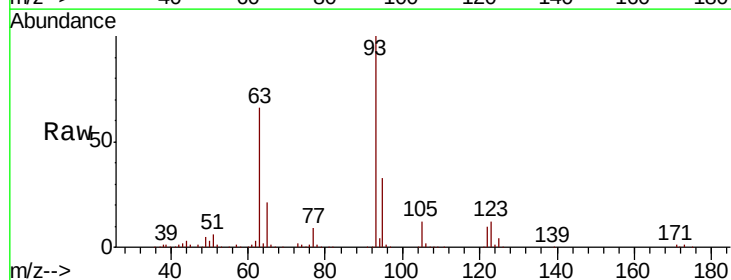
Tgt Ion: 93 Resp: 473879

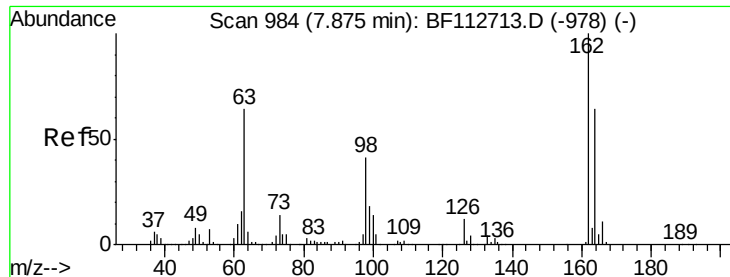
Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

123 11.8 9.3 13.9

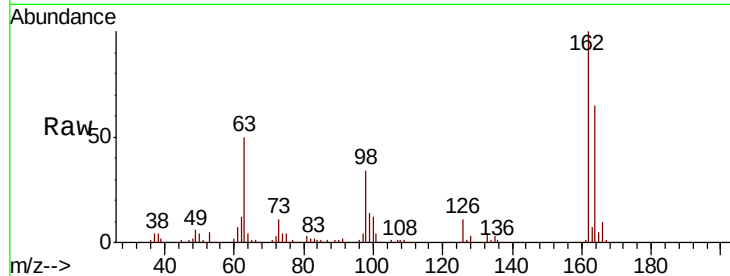




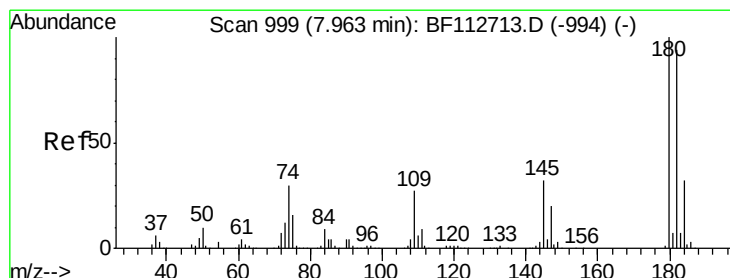
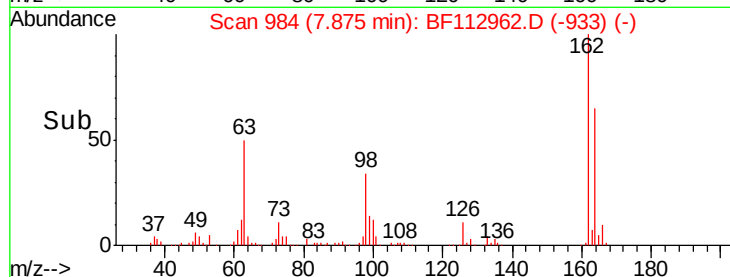
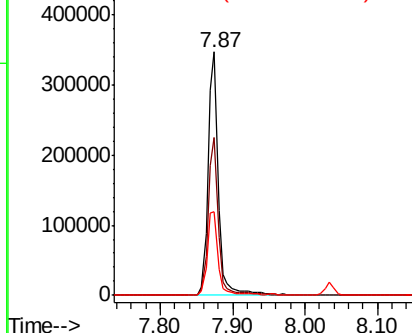
#29
2,4-Dichlorophenol
Concen: 41.237 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tgt Ion:162 Resp: 343341
Ion Ratio Lower Upper
162 100
164 64.8 44.0 84.0
98 34.5 20.7 60.7

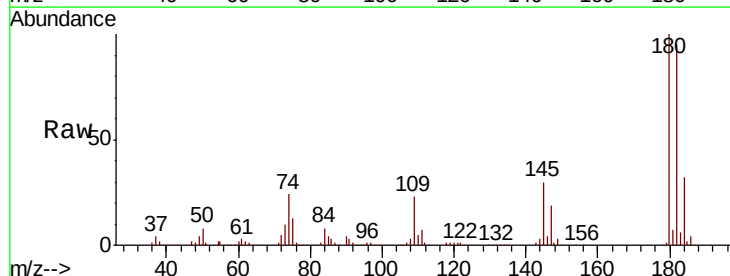


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

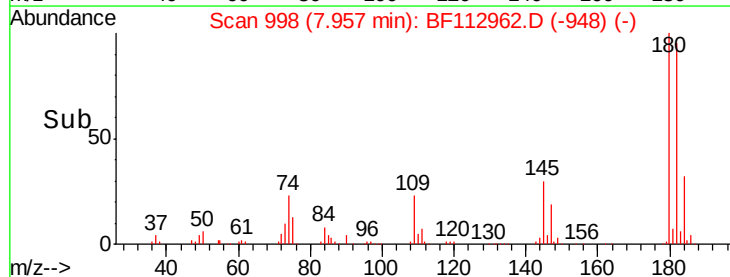
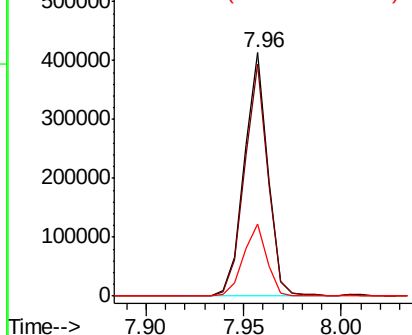


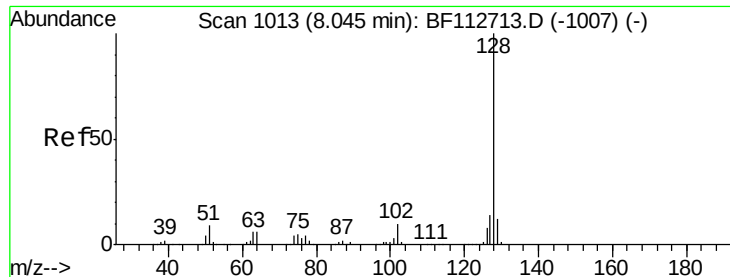
#30
1,2,4-Trichlorobenzene
Concen: 38.537 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion:180 Resp: 344760
Ion Ratio Lower Upper
180 100
182 95.5 75.2 112.8
145 29.8 25.4 38.0



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

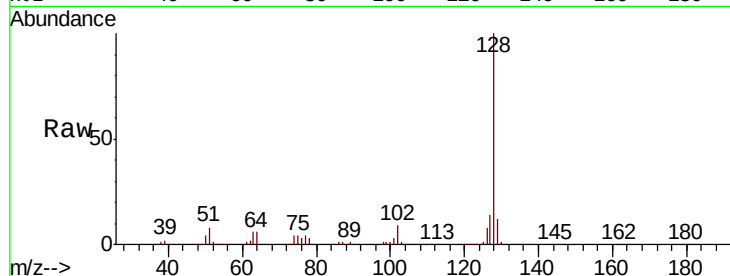




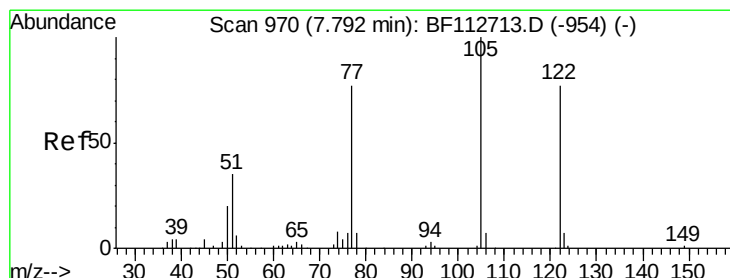
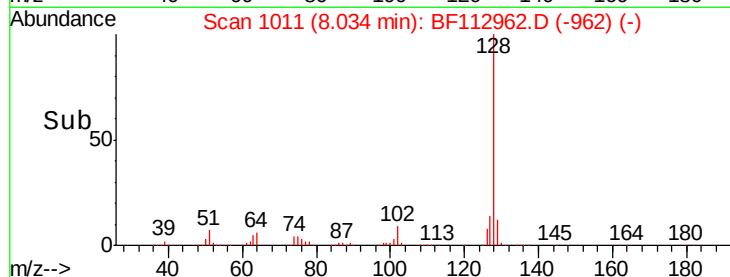
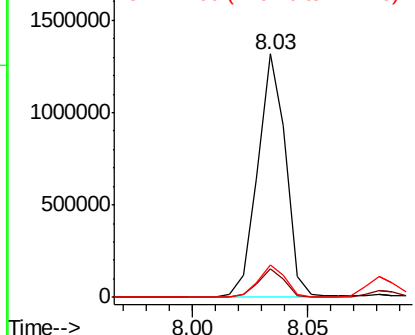
#31
Naphthalene
Concen: 37.728 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tgt Ion:128 Resp: 1116443
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.5 10.9 16.3

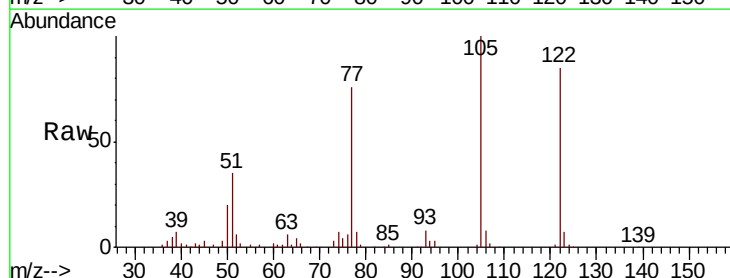


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

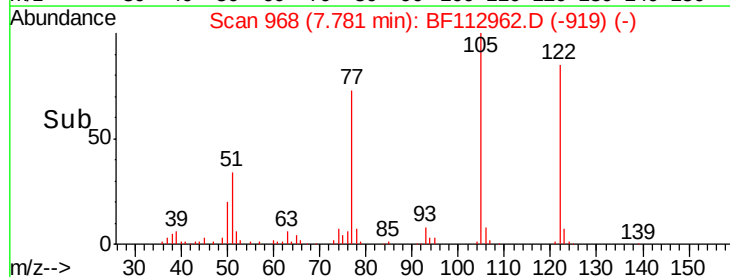
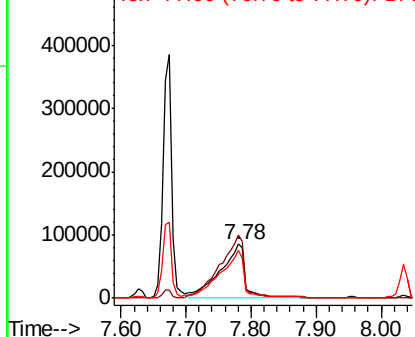


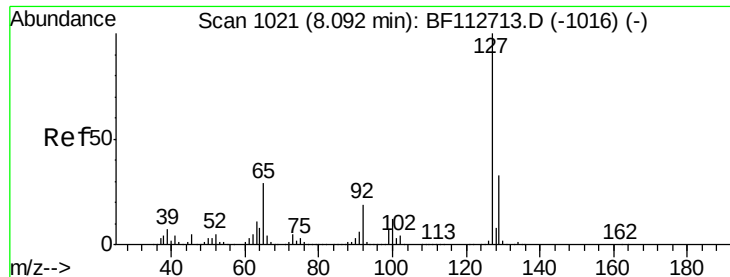
#32
Benzoic acid
Concen: 37.448 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion:122 Resp: 225347
Ion Ratio Lower Upper
122 100
105 117.2 106.8 146.8
77 89.2 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

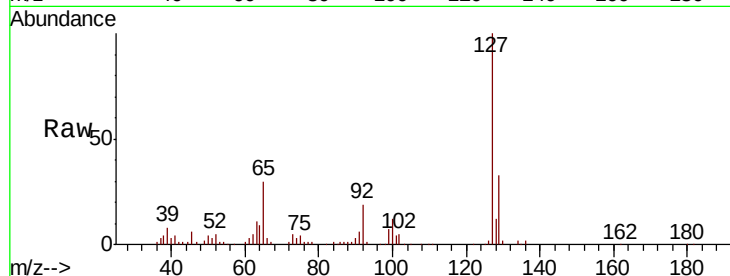




#33
4-Chloroaniline
Concen: 10.671 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tgt Ion:	127	Resp:	133747
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.4	39.6
65	29.5	23.1	34.7
92	19.0	14.9	22.3



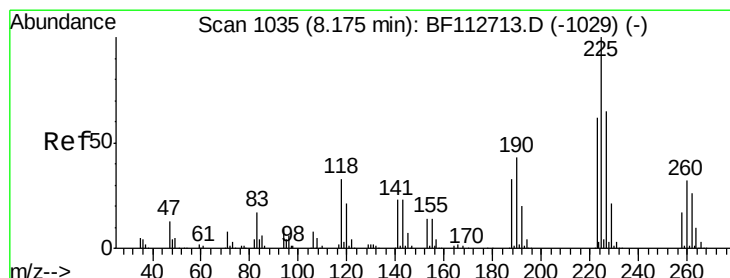
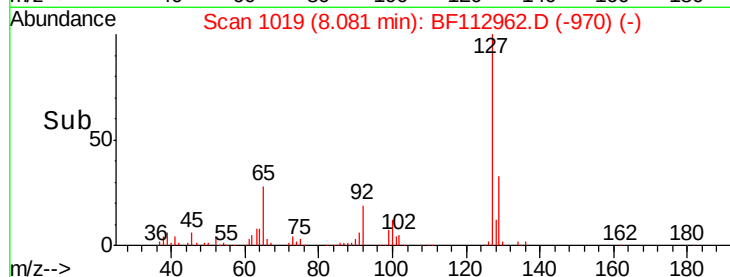
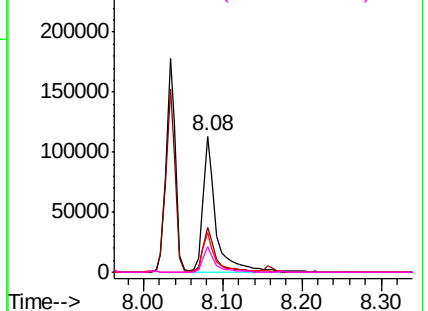
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

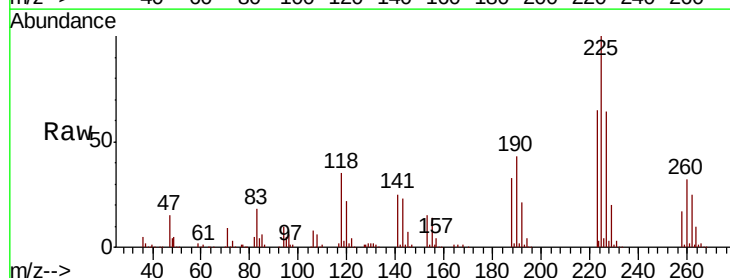
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.075 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion:	225	Resp:	197148
Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.7	74.5
227	63.9	52.1	78.1

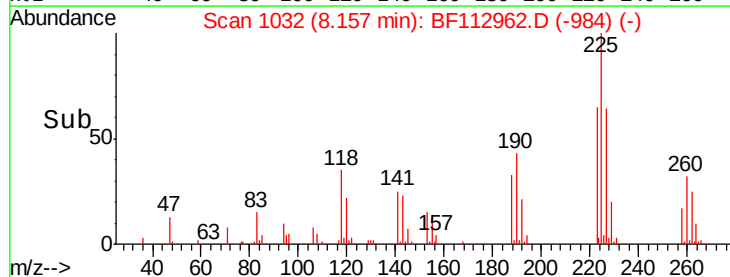
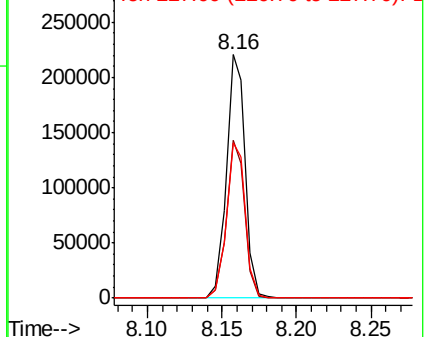


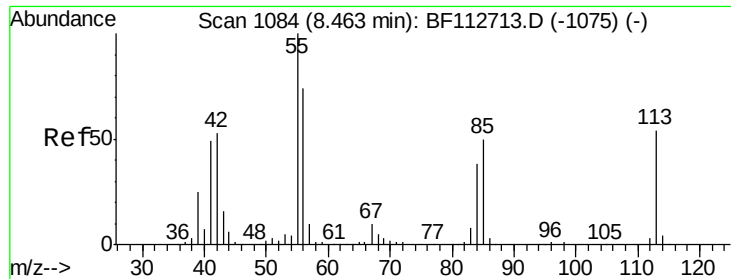
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

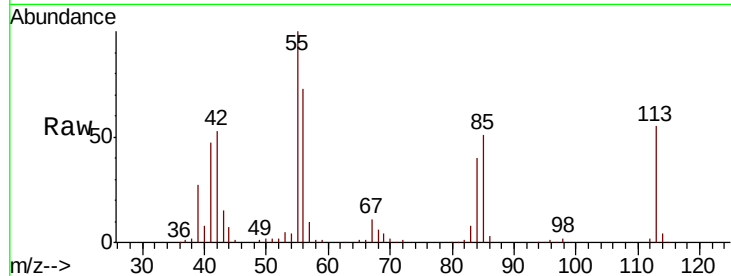




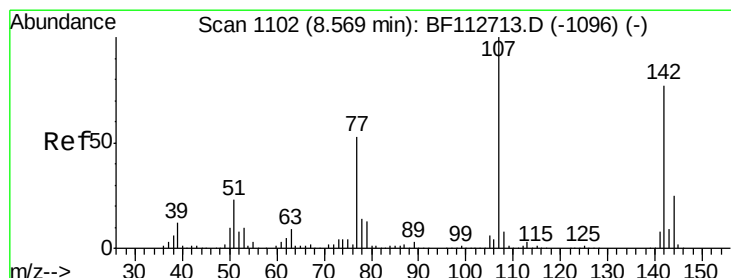
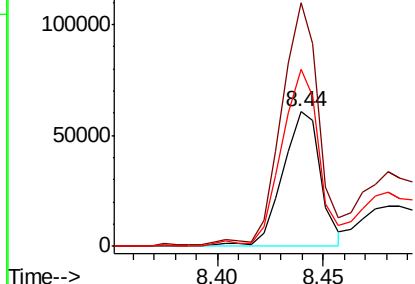
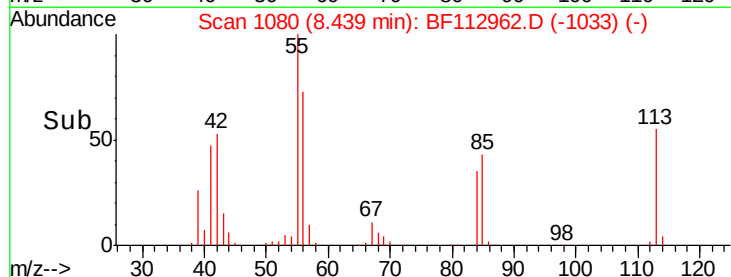
#35
 Caprolactam
 Concen: 25.937 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

Tgt Ion:113 Resp: 76061
 Ion Ratio Lower Upper
 113 100
 55 181.1 163.5 203.5
 56 131.9 115.3 155.3

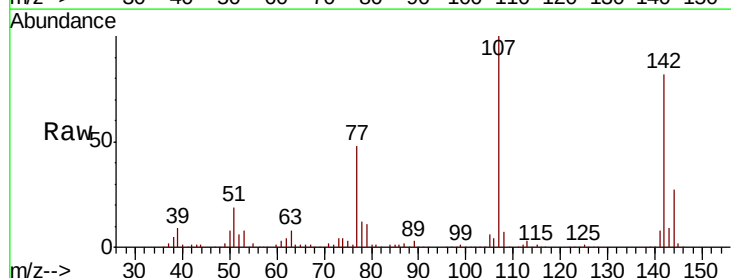


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

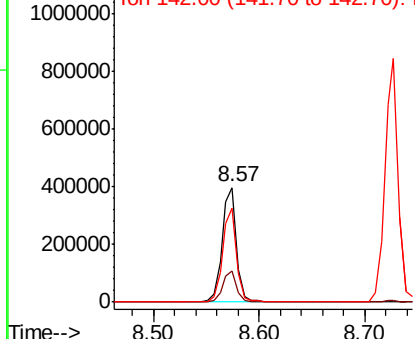
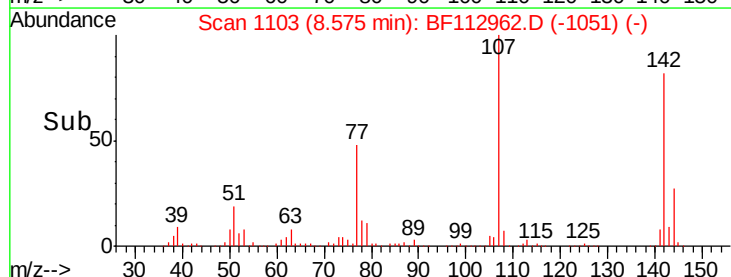


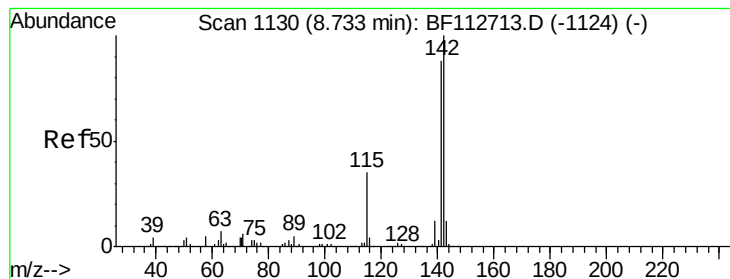
#36
 4-Chloro-3-methylphenol
 Concen: 40.934 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Tgt Ion:107 Resp: 377180
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.1 30.1
 142 81.8 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: 40.038 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

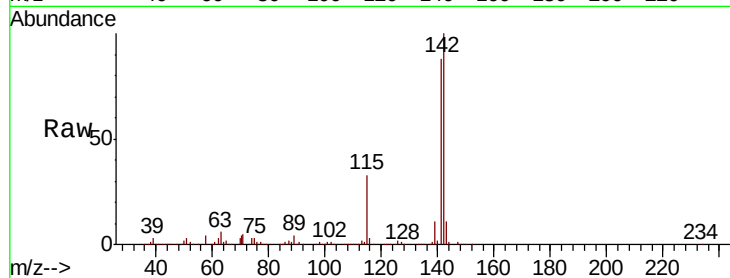
Tgt Ion:142 Resp: 765133

Ion Ratio Lower Upper

142 100

141 88.2 70.3 105.5

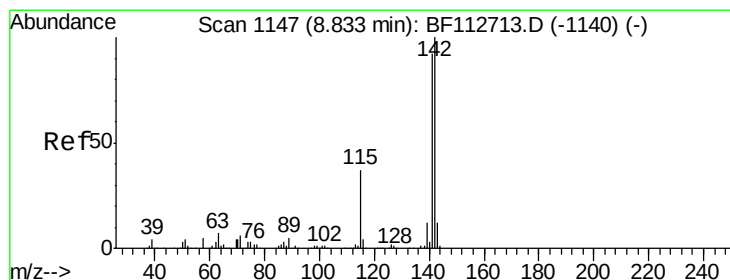
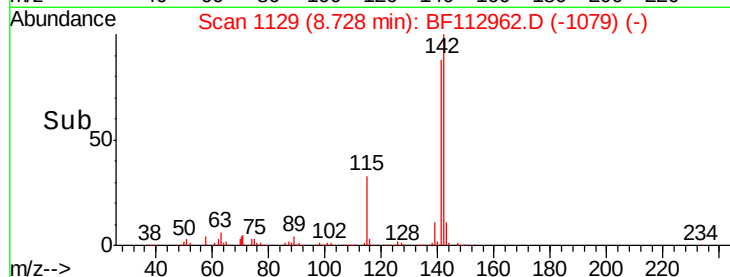
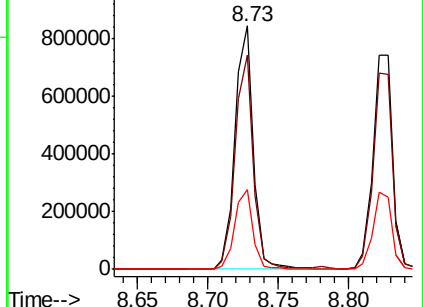
115 32.7 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.626 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

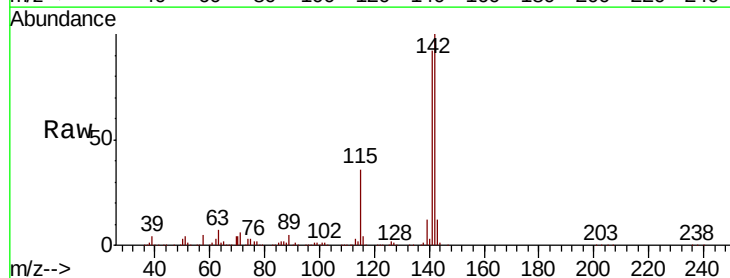
Tgt Ion:142 Resp: 715026

Ion Ratio Lower Upper

142 100

141 91.8 73.7 110.5

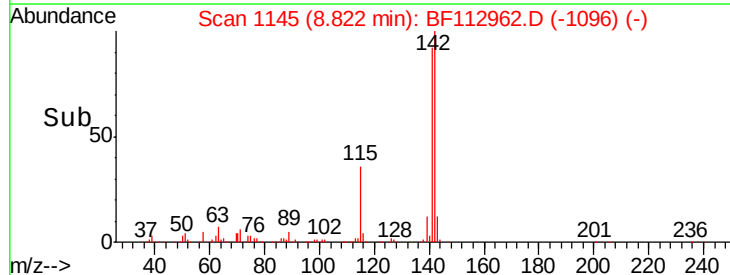
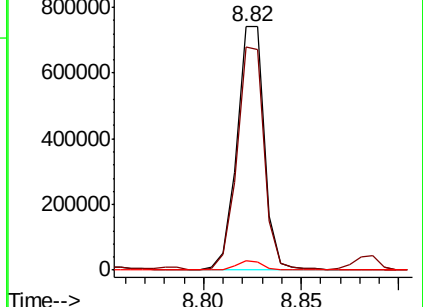
116 3.8 3.1 4.7

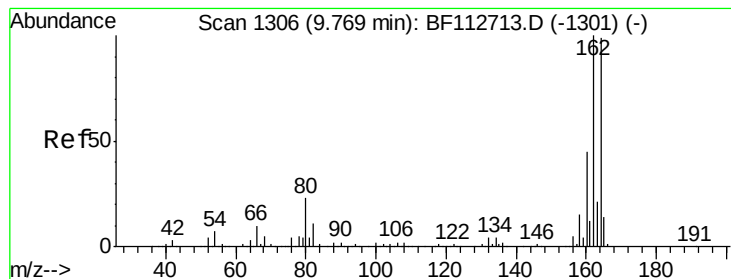


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

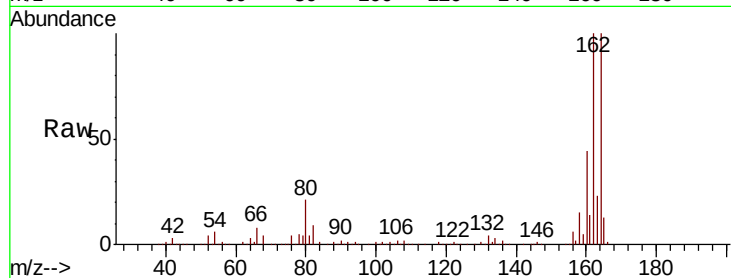
Tgt Ion:164 Resp: 325360

Ion Ratio Lower Upper

164 100

162 100.0 80.6 120.8

160 43.9 36.0 54.0

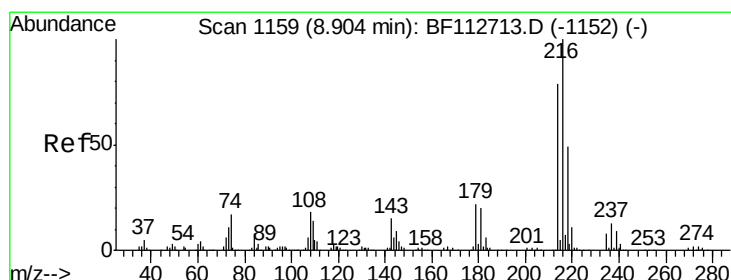
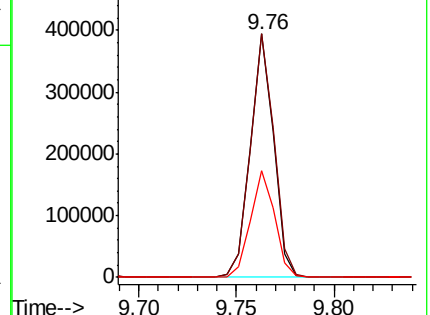
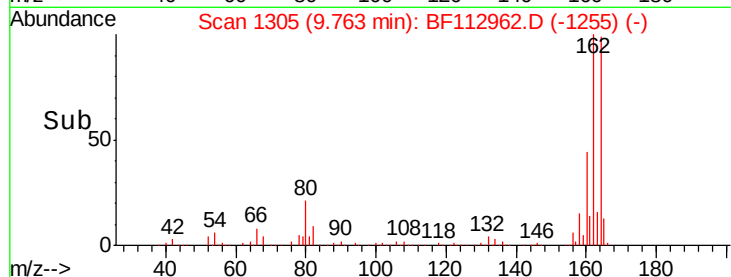


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.506 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Tgt Ion:216 Resp: 346365

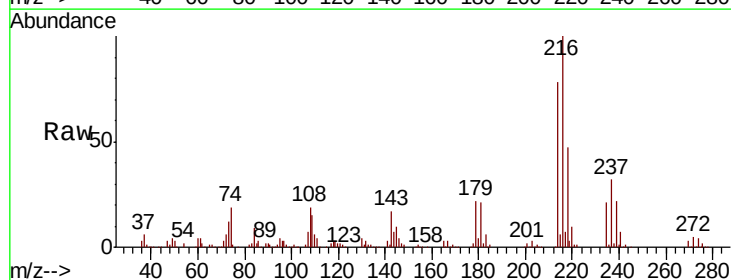
Ion Ratio Lower Upper

216 100

214 77.7 63.2 94.8

179 20.7 17.5 26.3

108 19.4 16.7 25.1



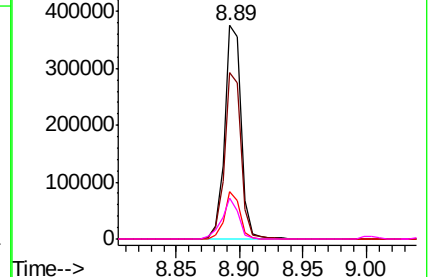
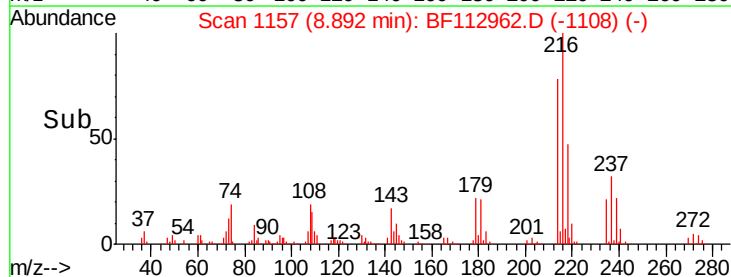
Abundance

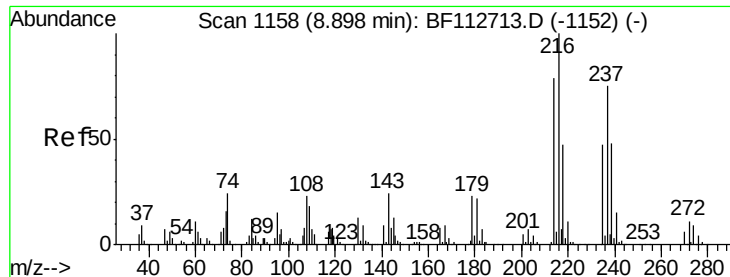
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 62.745 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

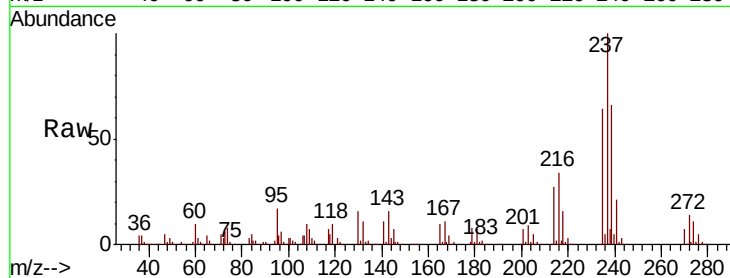
Tgt Ion: 237 Resp: 325995

Ion Ratio Lower Upper

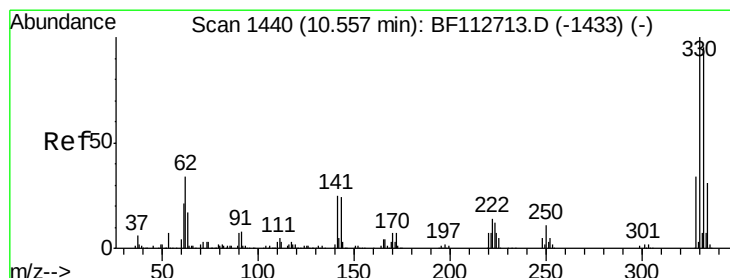
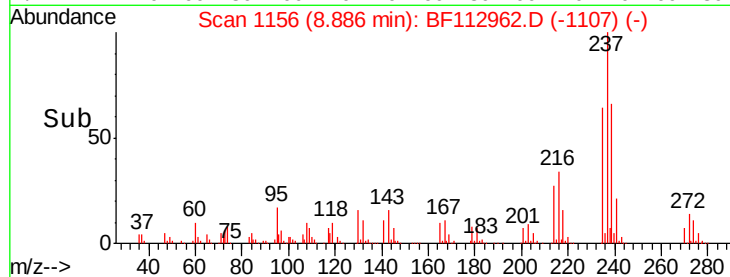
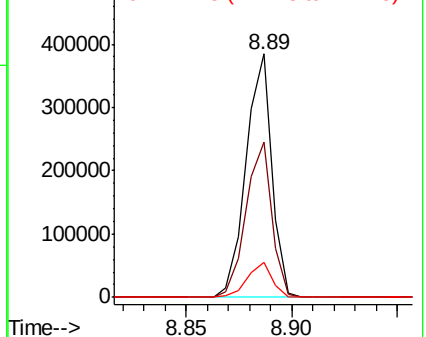
237 100

235 63.8 42.2 82.2

272 14.3 0.0 34.0



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: 122.144 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

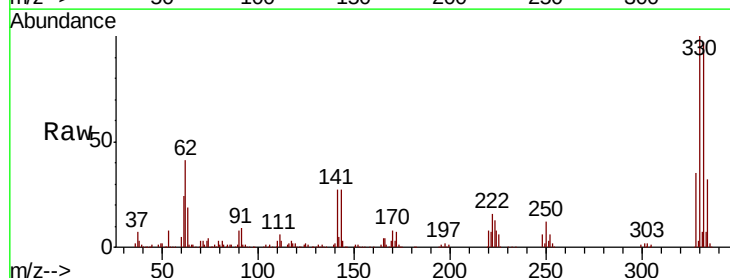
Tgt Ion: 330 Resp: 421897

Ion Ratio Lower Upper

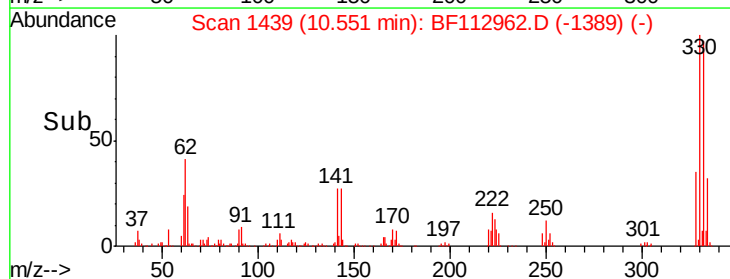
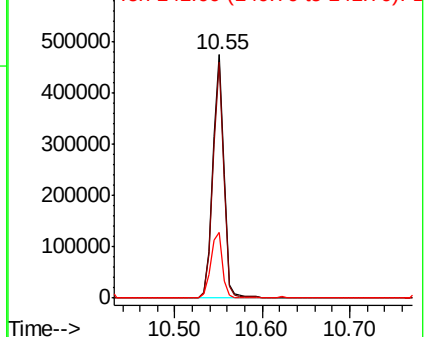
330 100

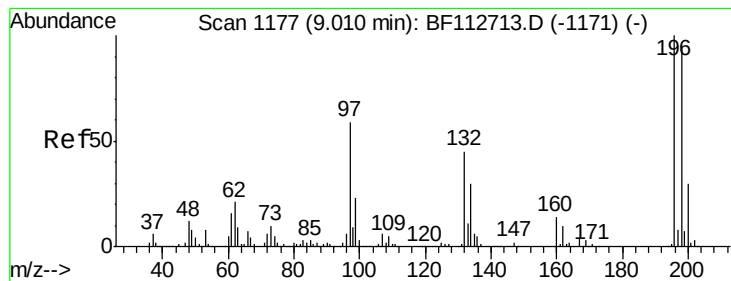
332 95.7 76.2 114.4

141 28.4 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: 40.710 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

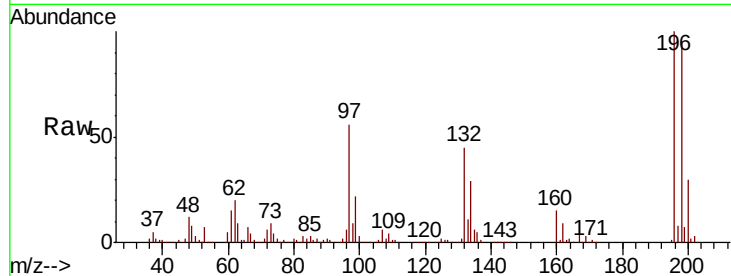
Tgt Ion:196 Resp: 265830

Ion Ratio Lower Upper

196 100

198 95.0 75.8 113.8

200 30.3 24.3 36.5

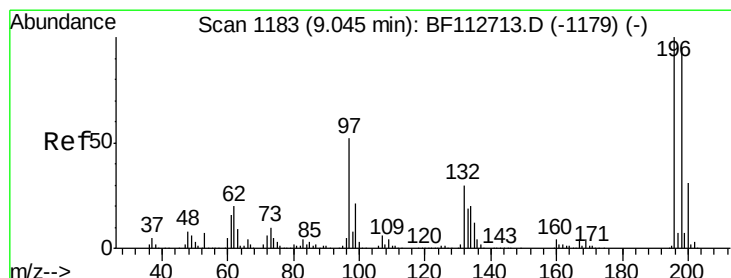
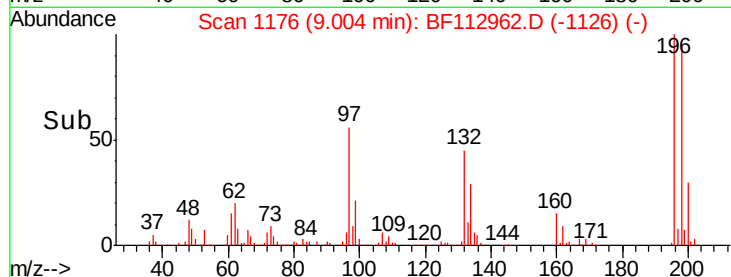
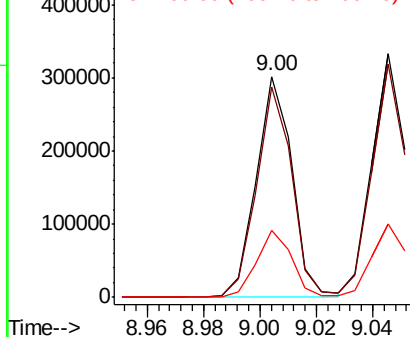


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.361 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Tgt Ion:196 Resp: 291921

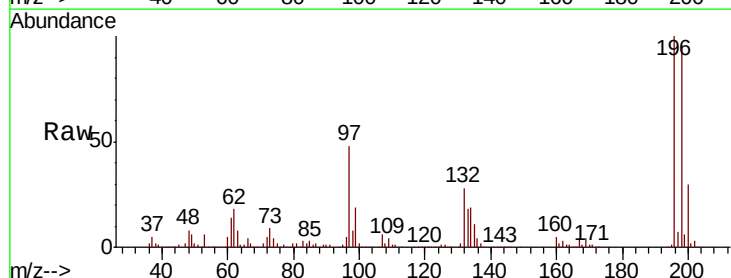
Ion Ratio Lower Upper

196 100

198 95.8 76.2 114.2

97 48.0 41.5 62.3

132 28.5 23.9 35.9



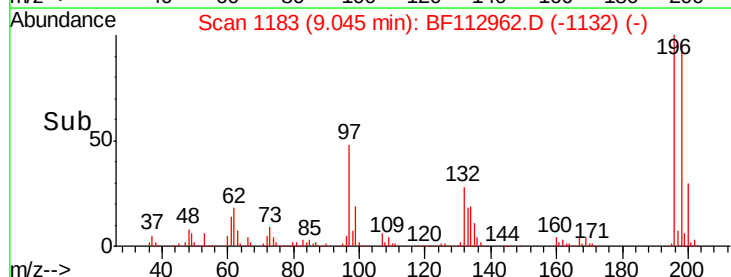
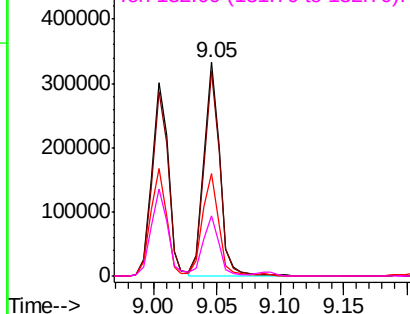
Abundance

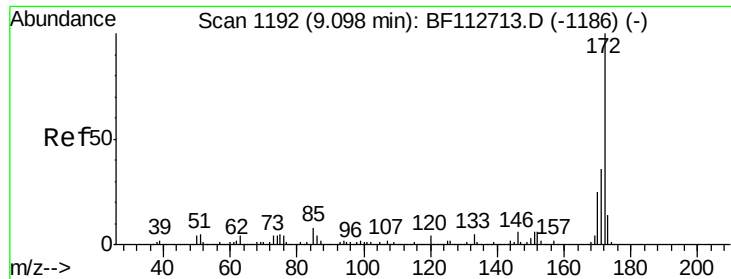
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

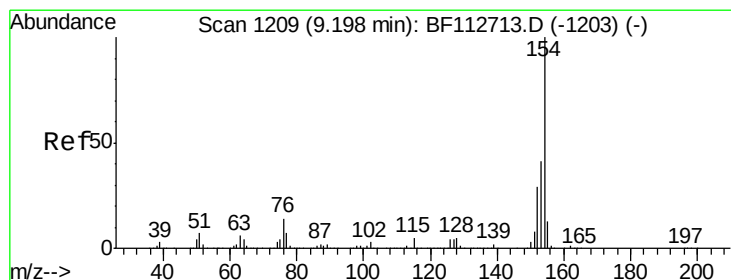
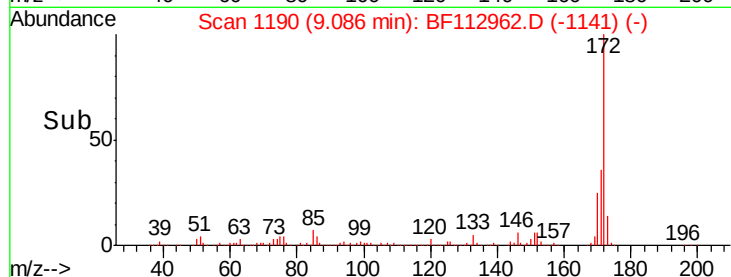
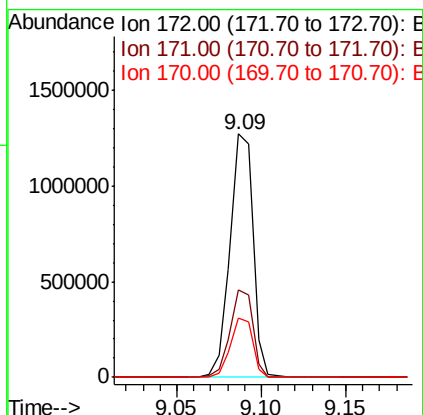
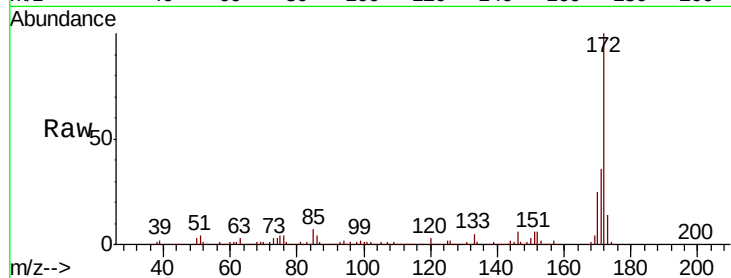




#45
2-Fluorobiphenyl
Concen: 56.215 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

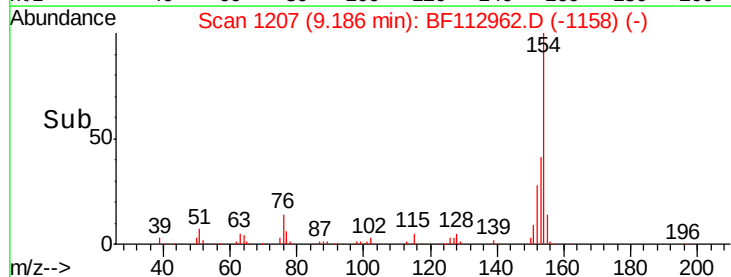
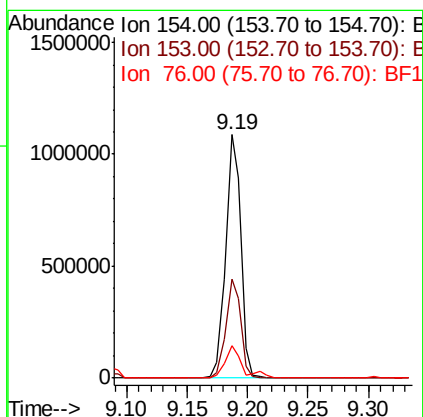
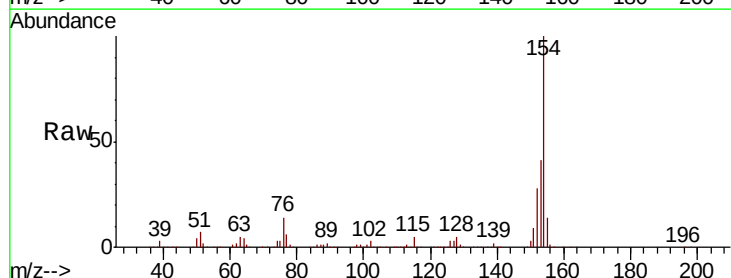
Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

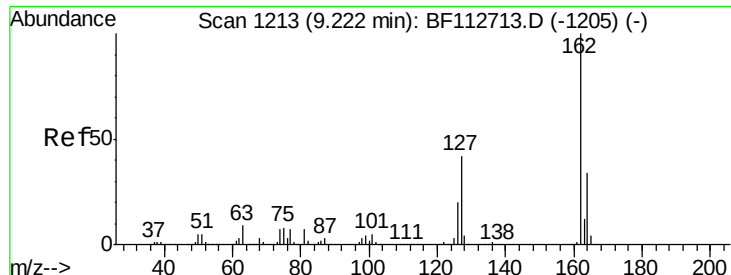
Tgt Ion:172 Resp: 1207289
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 24.6 20.0 30.0



#46
1,1'-Biphenyl
Concen: 35.576 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion:154 Resp: 944130
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 13.6 0.0 33.8





#47

2-Chloronaphthalene

Concen: 35.457 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

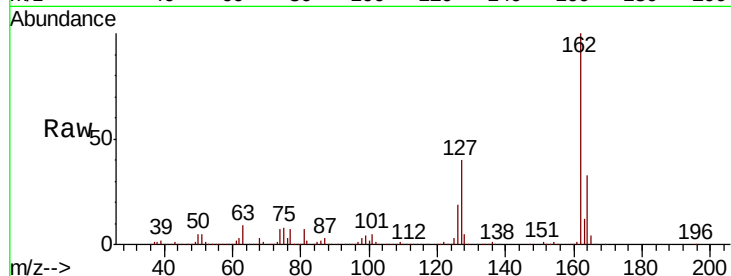
Tgt Ion: 162 Resp: 734733

Ion Ratio Lower Upper

162 100

127 40.5 33.4 50.2

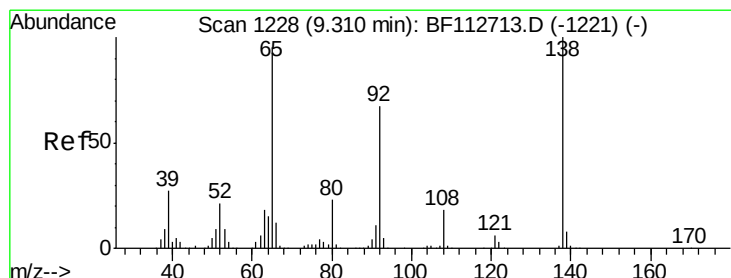
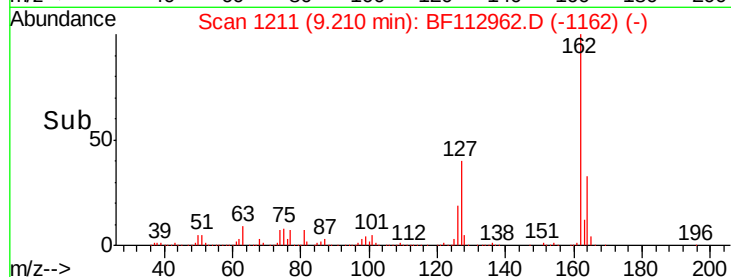
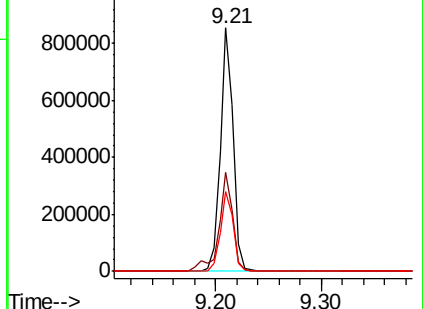
164 32.7 26.9 40.3



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: 41.433 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

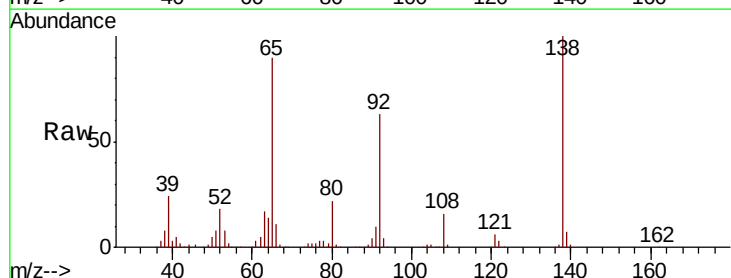
Tgt Ion: 65 Resp: 260969

Ion Ratio Lower Upper

65 100

92 70.4 56.4 84.6

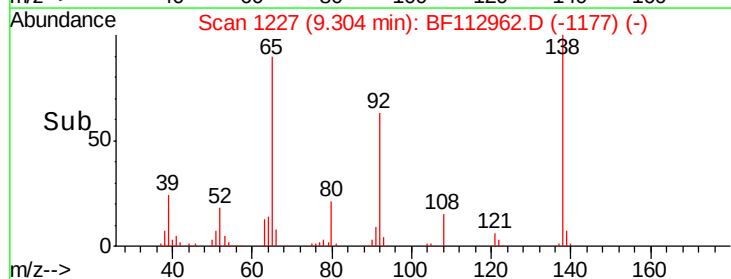
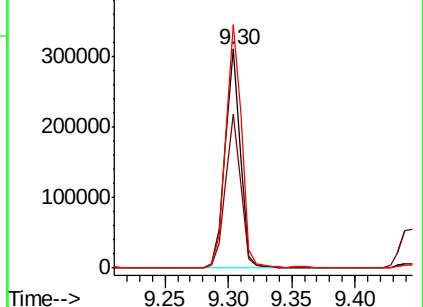
138 111.1 84.6 126.8

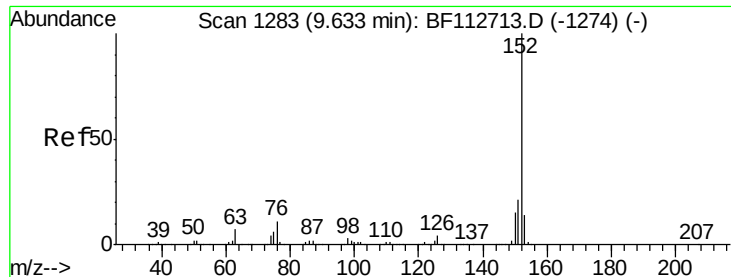


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

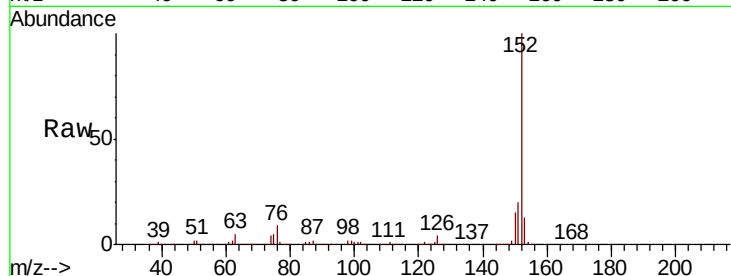




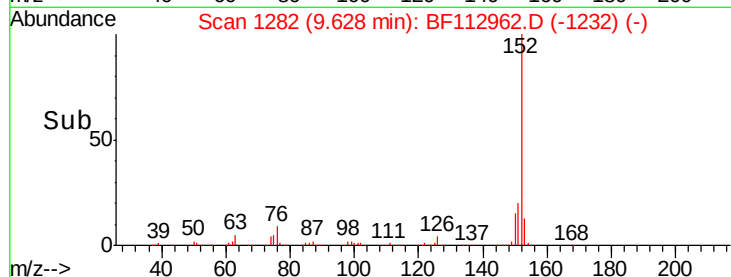
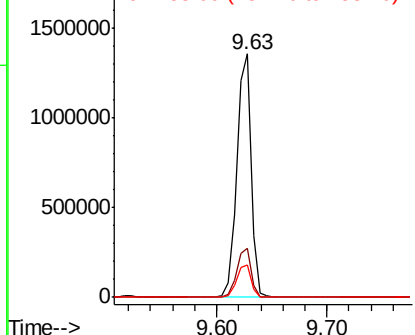
#49
Acenaphthylene
Concen: 35.146 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tgt Ion:152 Resp: 1236381
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 13.4 11.0 16.6

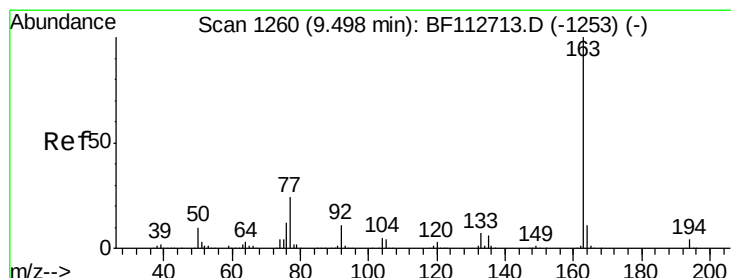


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

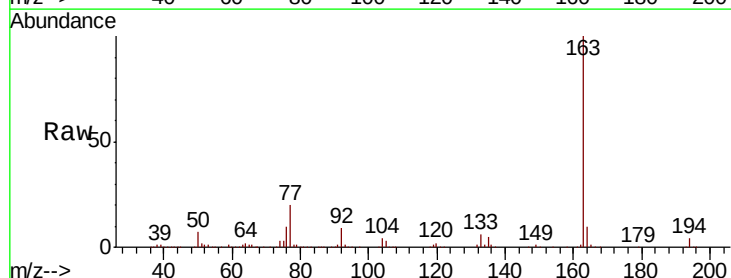
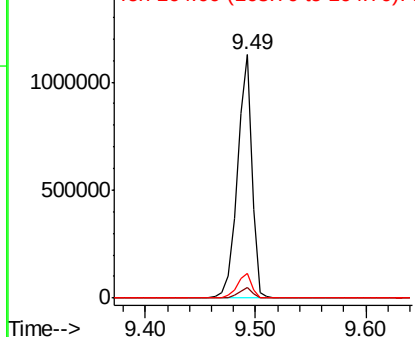


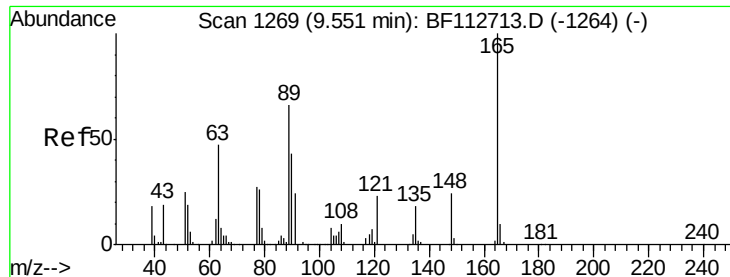
#50
Dimethylphthalate
Concen: 43.243 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion:163 Resp: 1037411
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 10.4 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

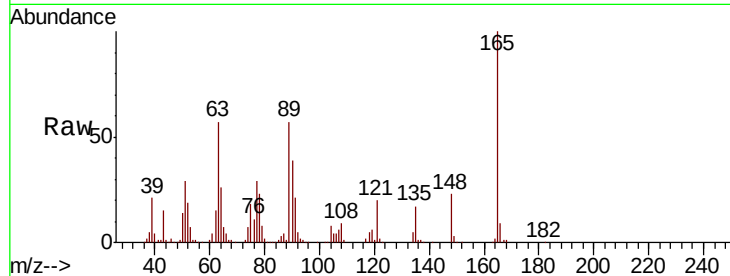




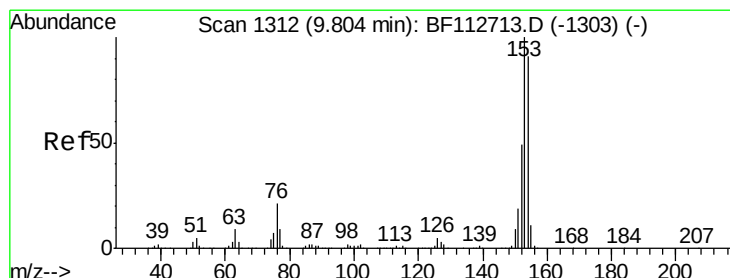
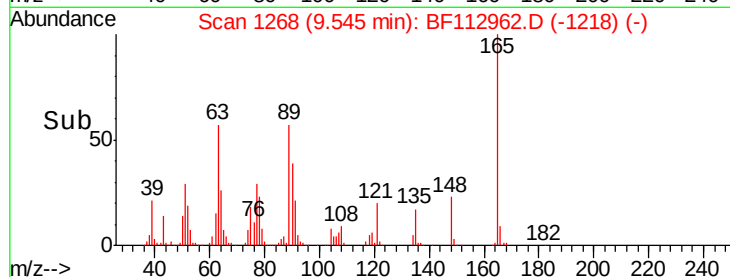
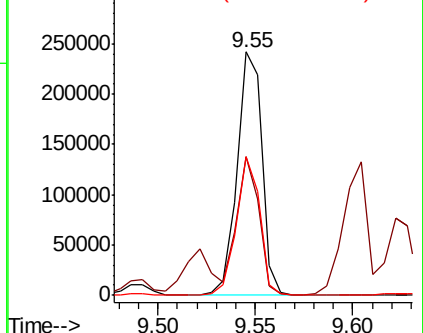
#51
 2,6-Dinitrotoluene
 Concen: 42.752 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

Tgt Ion:165 Resp: 213579
 Ion Ratio Lower Upper
 165 100
 63 57.1 54.1 81.1
 89 57.0 52.8 79.2

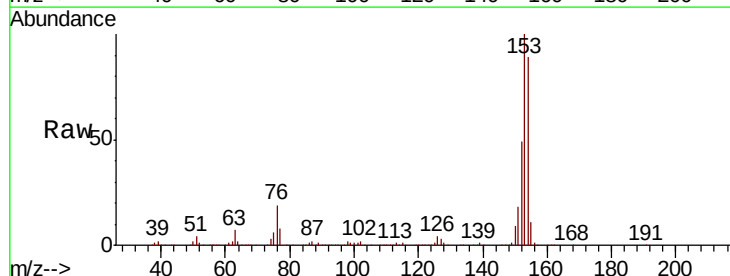


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

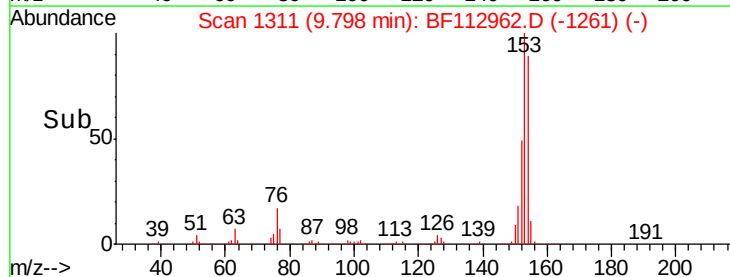
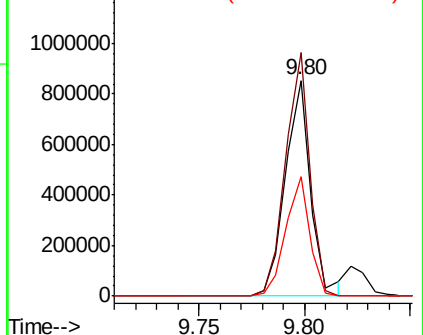


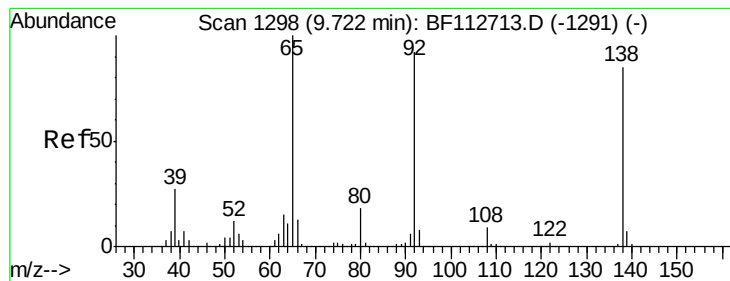
#52
 Acenaphthene
 Concen: 34.710 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Tgt Ion:154 Resp: 714070
 Ion Ratio Lower Upper
 154 100
 153 112.7 87.8 131.8
 152 55.1 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: 27.240 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

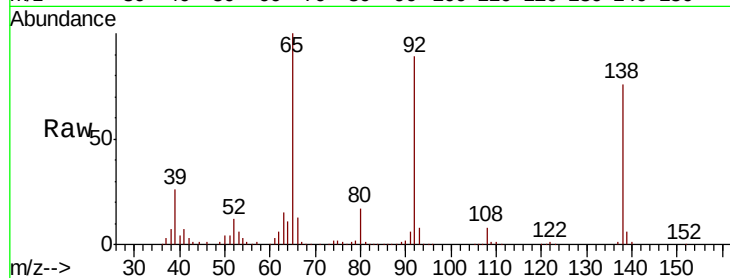
Tgt Ion:138 Resp: 165823

Ion Ratio Lower Upper

138 100

108 10.4 8.6 13.0

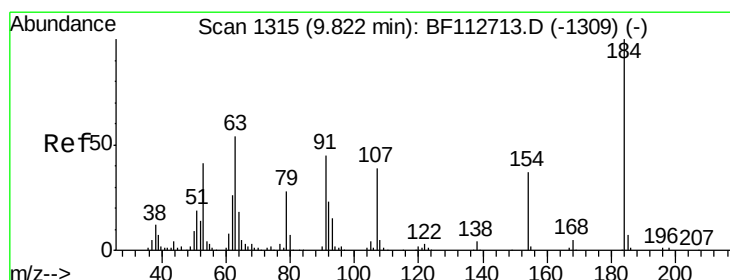
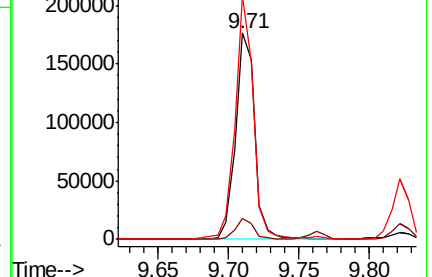
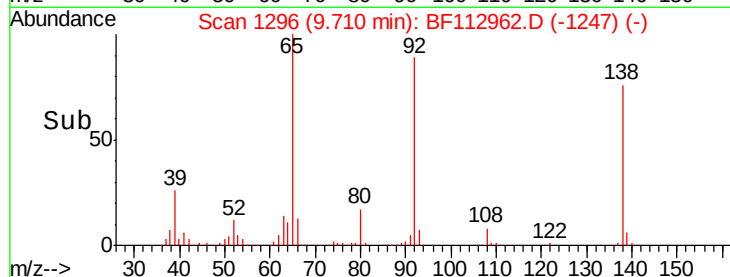
92 117.9 86.6 129.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 92.098 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

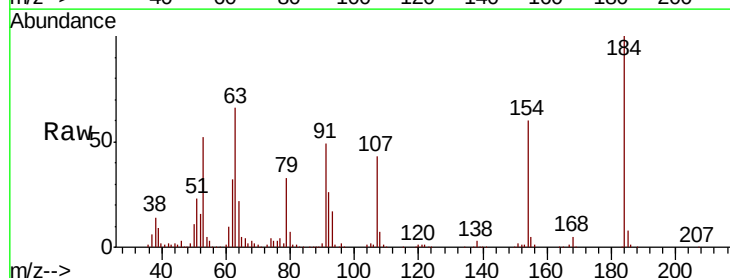
Tgt Ion:184 Resp: 190371

Ion Ratio Lower Upper

184 100

63 65.8 45.3 67.9

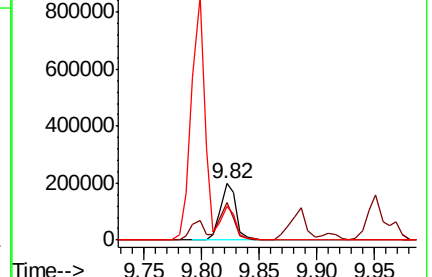
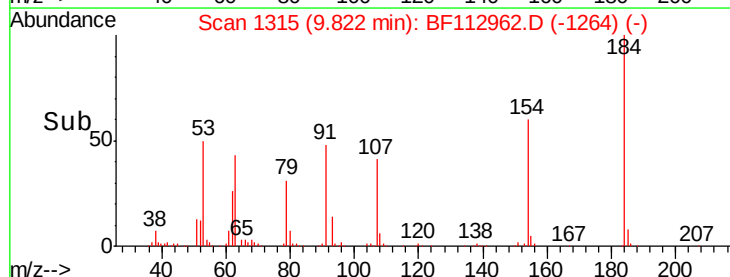
154 59.7 46.0 69.0

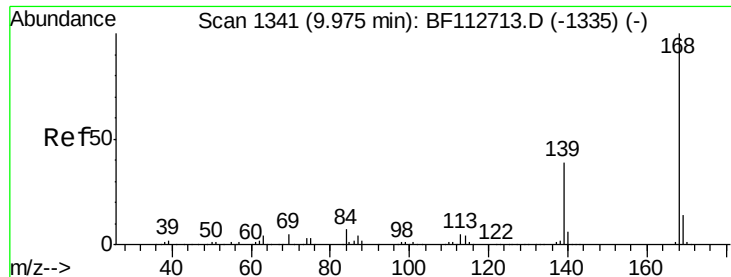


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

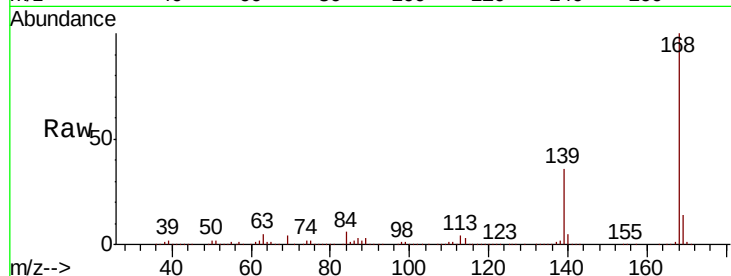




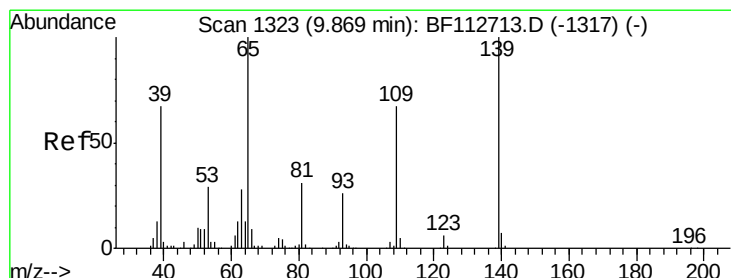
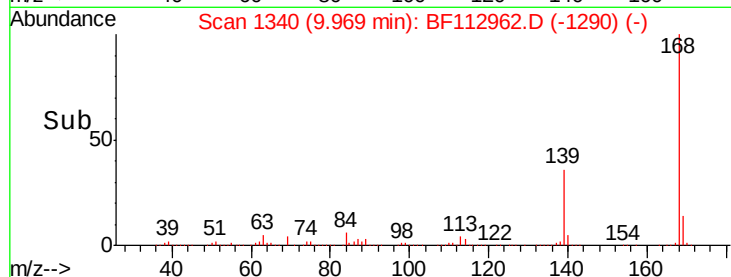
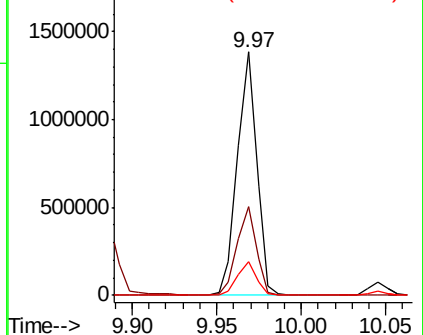
#55
Dibenzenofuran
Concen: 37.196 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tgt Ion:168 Resp: 1112147
Ion Ratio Lower Upper
168 100
139 36.5 31.3 46.9
169 13.9 11.3 16.9

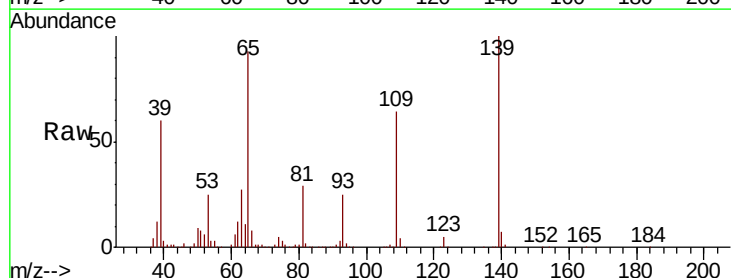


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

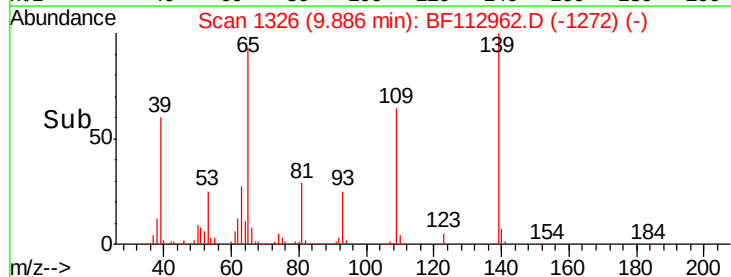
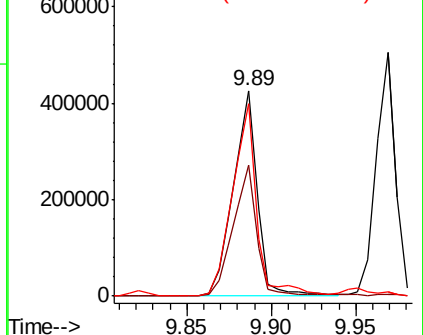


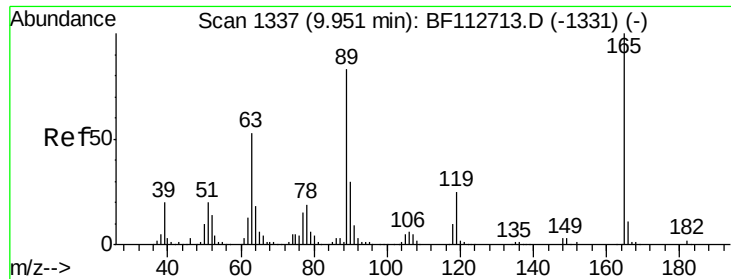
#56
4-Nitrophenol
Concen: 85.058 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion:139 Resp: 420812
Ion Ratio Lower Upper
139 100
109 63.5 46.8 86.8
65 93.4 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

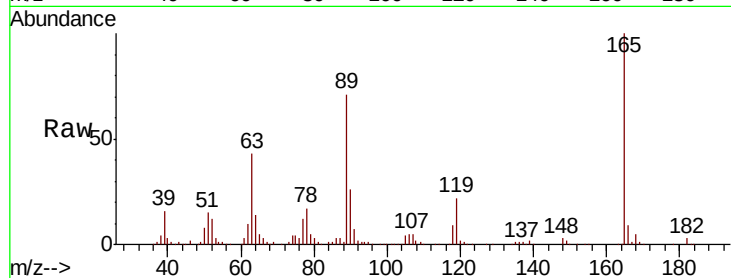




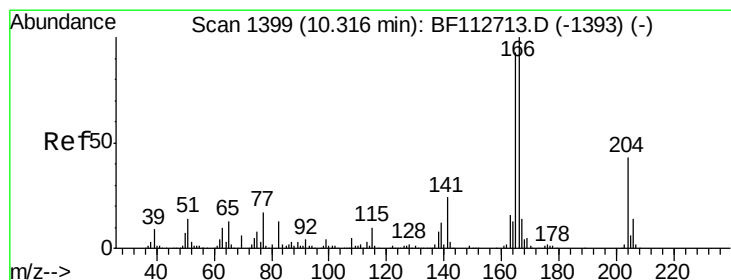
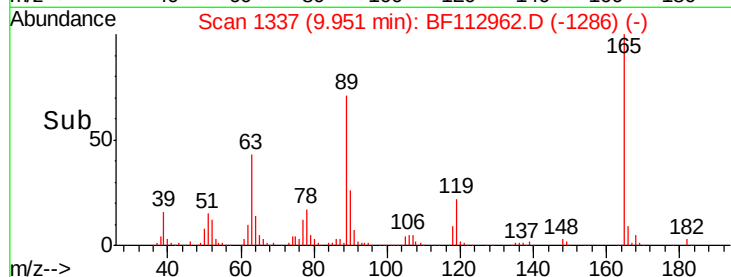
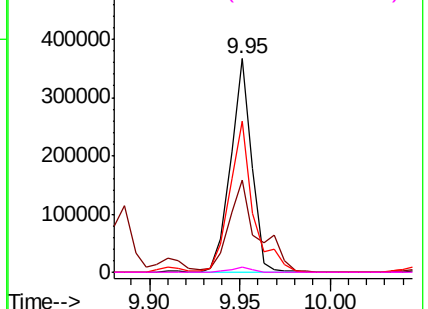
#57
2,4-Dinitrotoluene
Concen: 47.488 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tgt Ion:	165	Resp:	294897
Ion	Ratio	Lower	Upper
165	100		
63	42.9	42.2	63.2
89	71.0	66.2	99.4
182	2.6	1.8	2.6

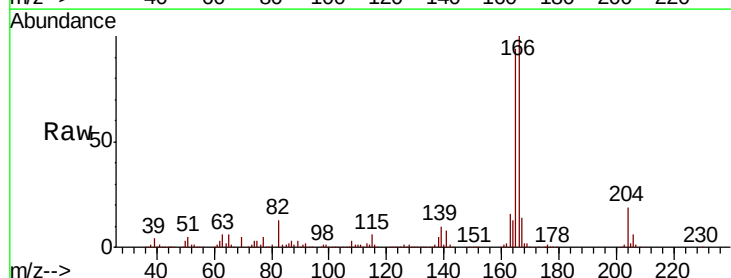


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

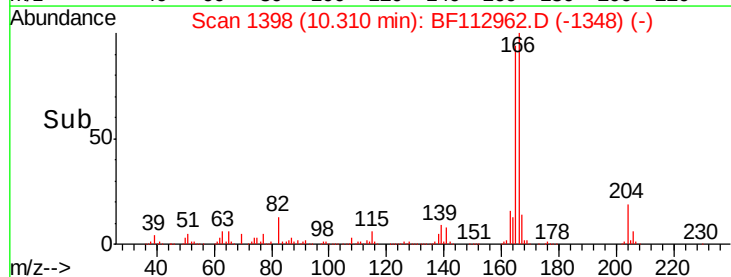
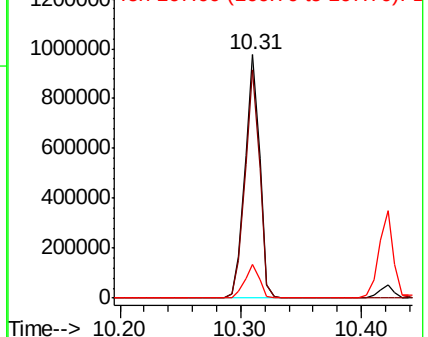


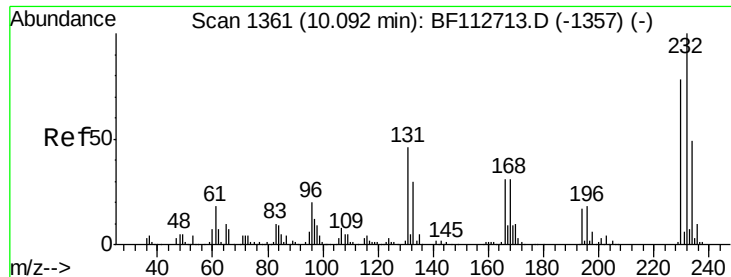
#58
Fluorene
Concen: 39.392 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion:	166	Resp:	835941
Ion	Ratio	Lower	Upper
166	100		
165	93.7	74.7	112.1
167	13.9	11.0	16.6



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

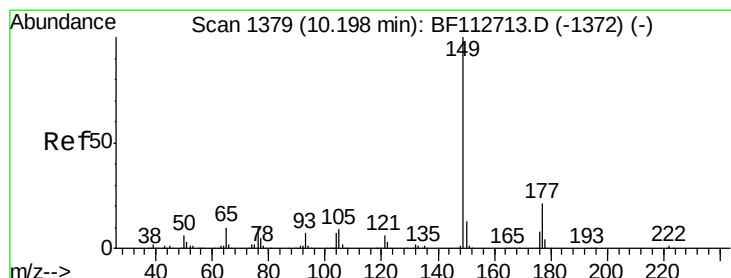
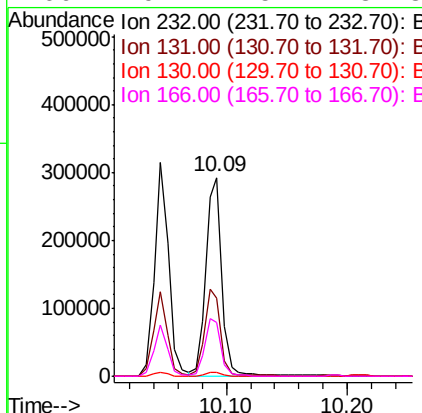
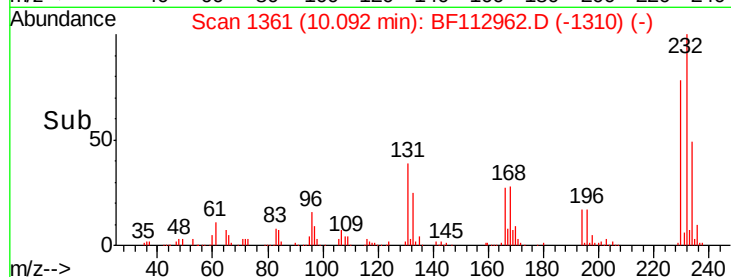
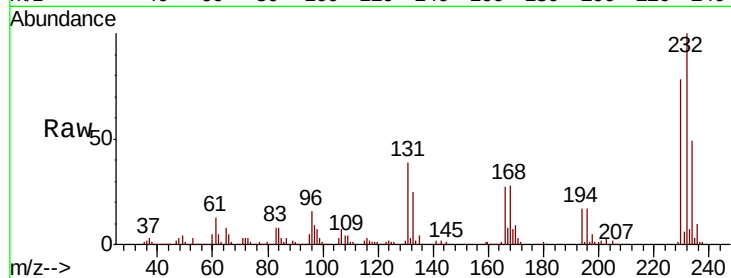




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.483 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

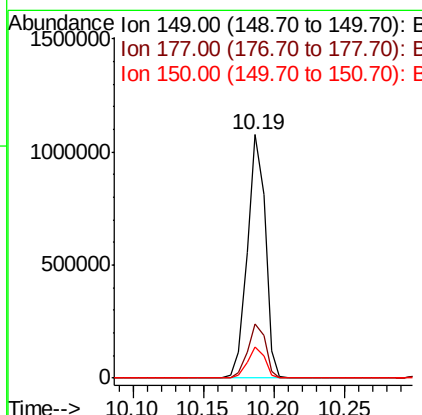
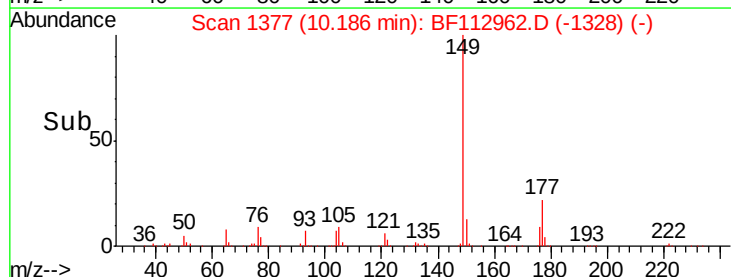
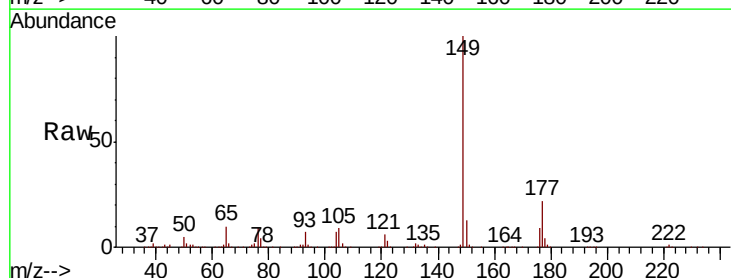
Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

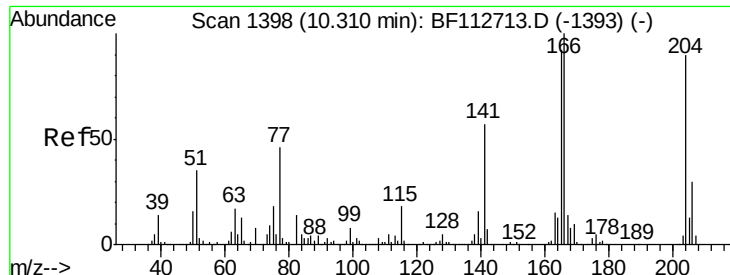
Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.6	38.7	58.1
130	1.9	1.9	2.9
166	29.1	25.2	37.8



#60
Diethylphthalate
Concen: 37.808 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.0	25.6
150	12.9	10.0	15.0

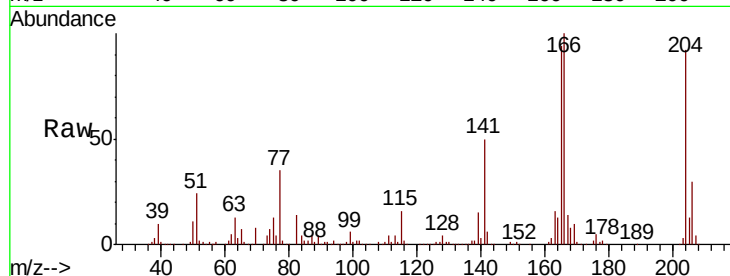




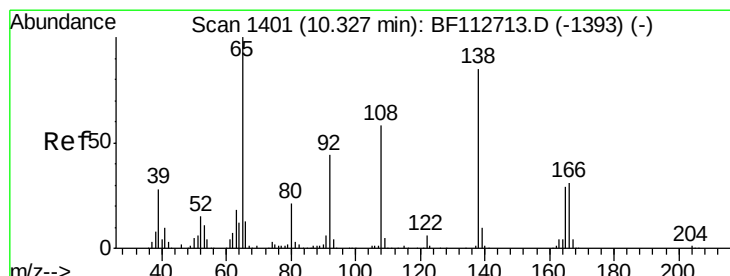
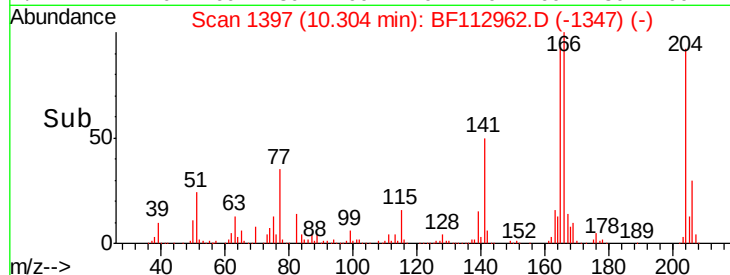
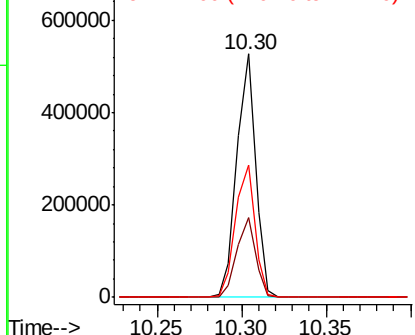
#61
 4-Chlorophenyl-phenylether
 Concen: 41.420 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

Tgt Ion: 204 Resp: 408966
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.6 40.0
 141 54.6 50.8 76.2

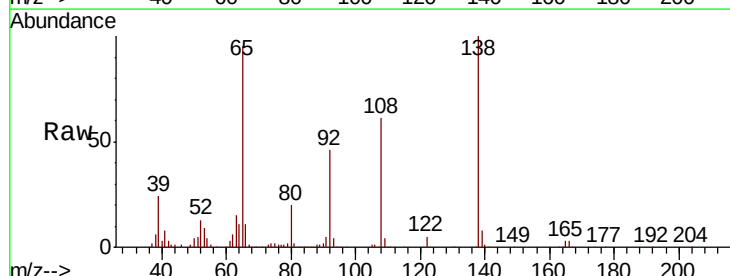


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

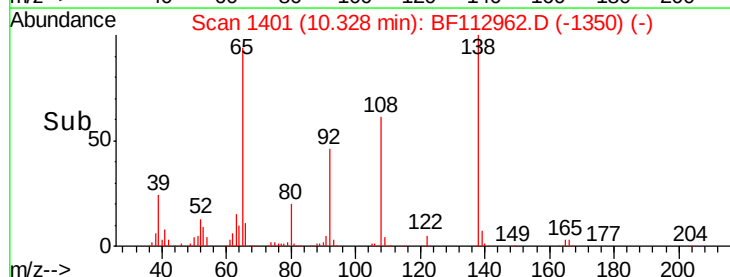
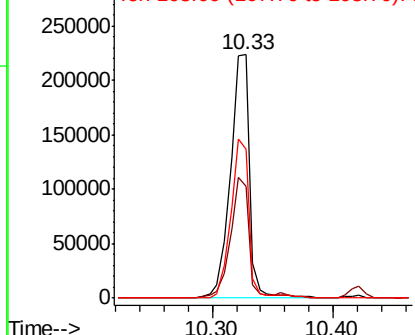


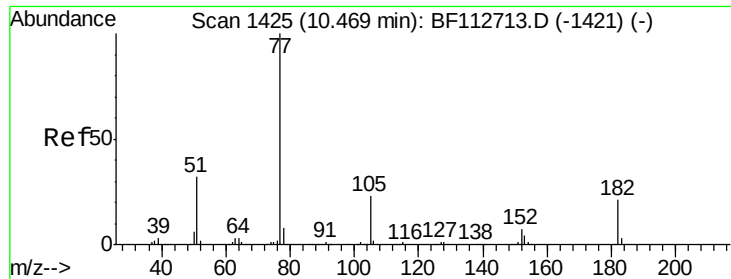
#62
 4-Nitroaniline
 Concen: 44.325 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Tgt Ion: 138 Resp: 249332
 Ion Ratio Lower Upper
 138 100
 92 45.7 31.3 71.3
 108 61.1 48.1 88.1



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 34.215 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

Tgt Ion: 77 Resp: 887958

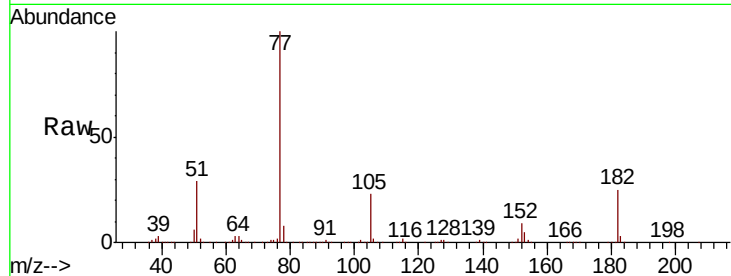
Ion Ratio Lower Upper

77 100

182 25.3 1.4 41.4

105 23.4 2.6 42.6

51 29.2 12.0 52.0

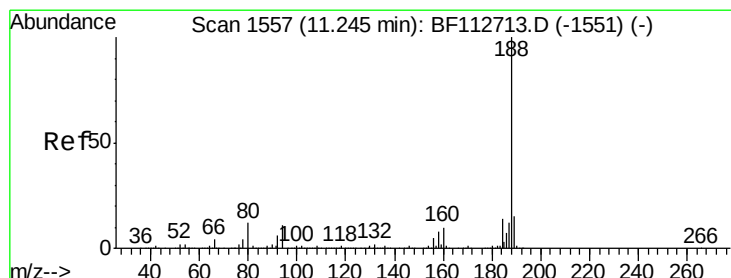
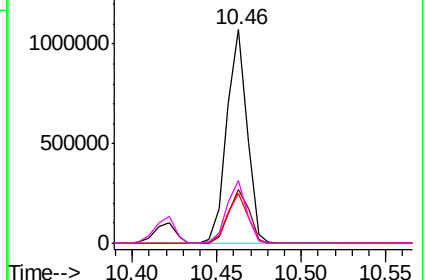
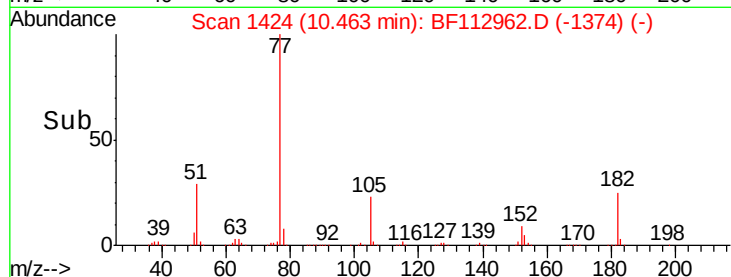


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

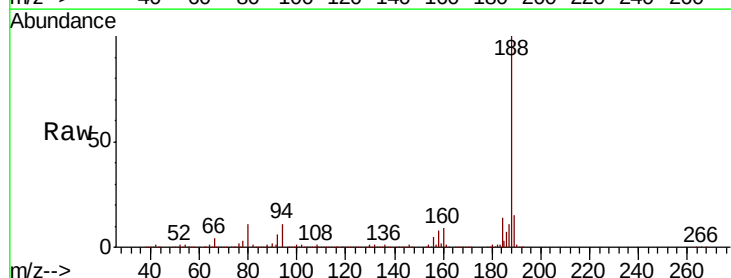
Tgt Ion: 188 Resp: 764851

Ion Ratio Lower Upper

188 100

94 10.6 9.0 13.4

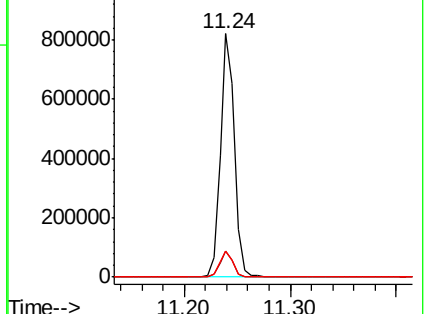
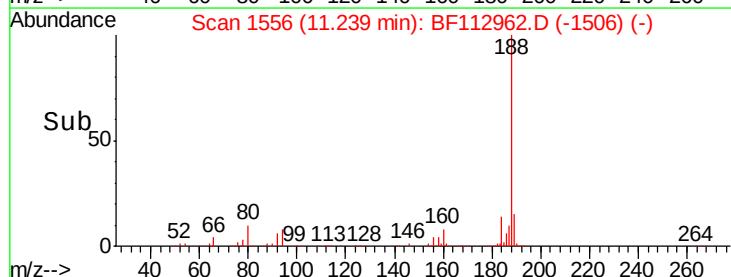
80 10.6 9.2 13.8

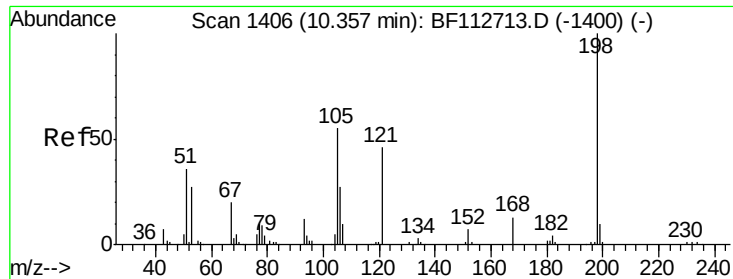


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

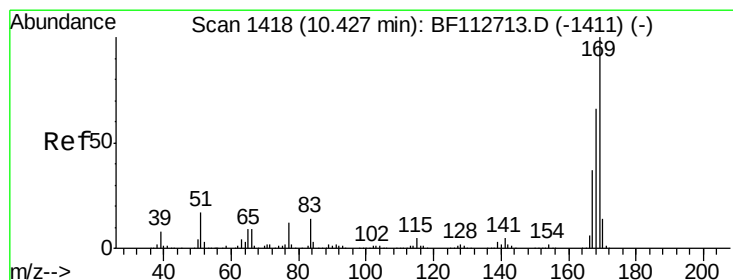
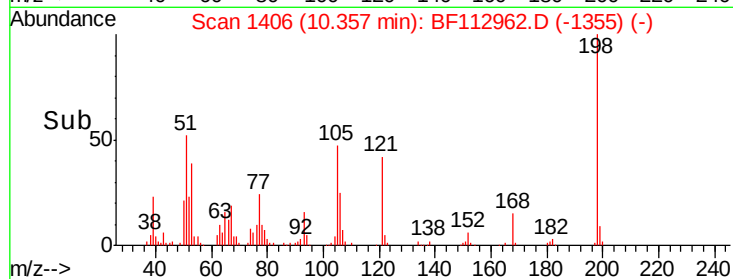
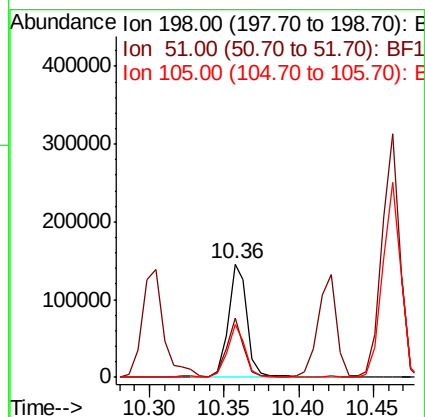
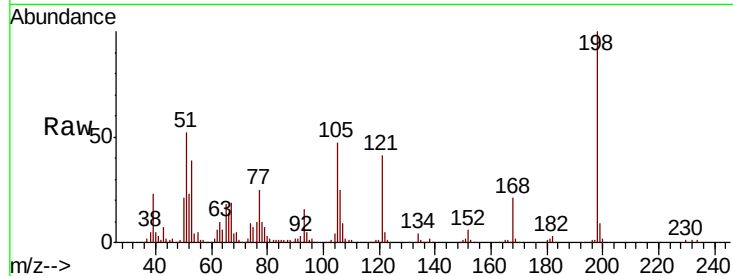




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.369 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

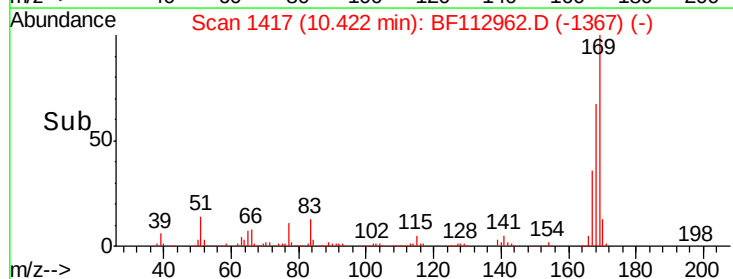
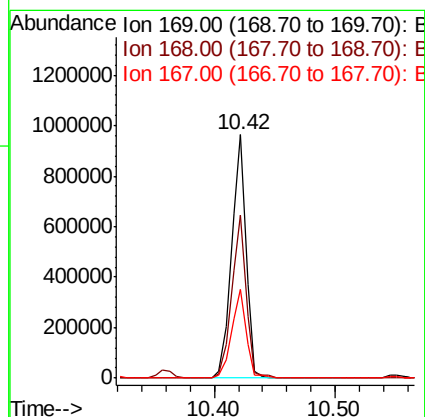
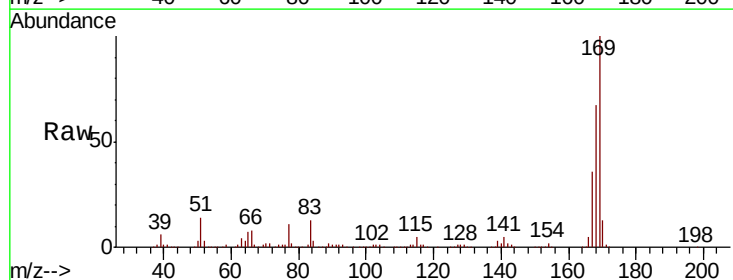
Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

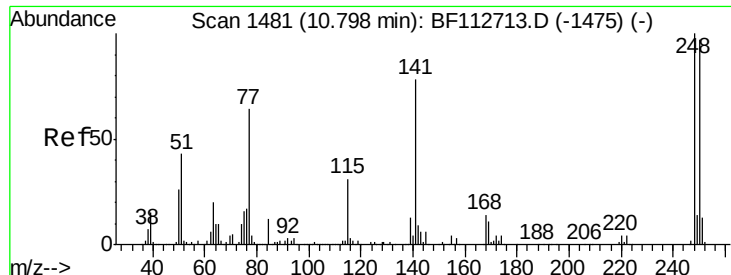
Tgt Ion:198 Resp: 131270
 Ion Ratio Lower Upper
 198 100
 51 51.8 43.8 83.8
 105 46.7 36.5 76.5



#66
 n-Nitrosodiphenylamine
 Concen: 32.635 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Tgt Ion:169 Resp: 800531
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.0 79.6
 167 36.4 29.3 43.9

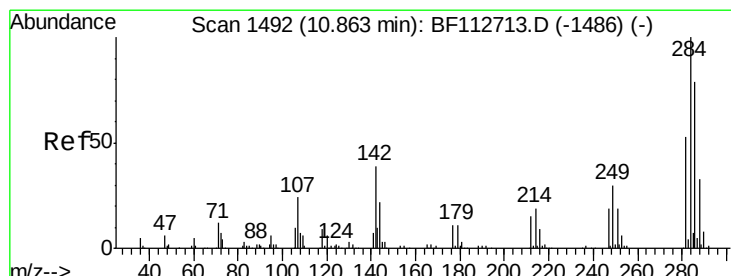
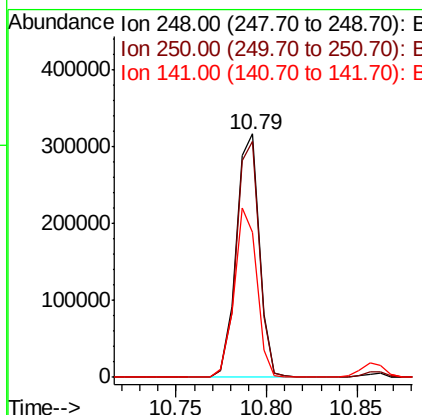
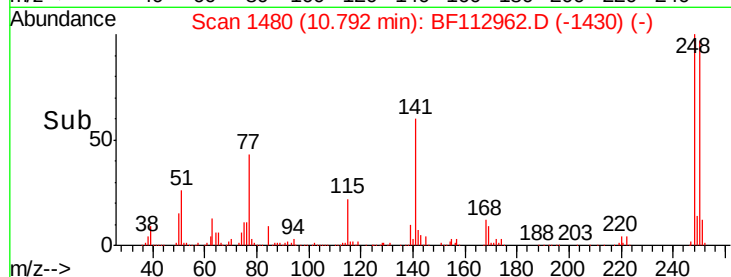
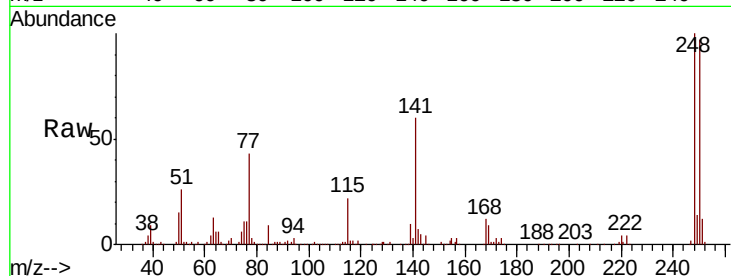




#67
 4-Bromophenyl-phenylether
 Concen: 35.005 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

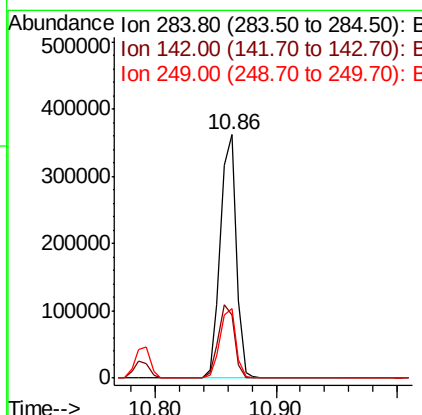
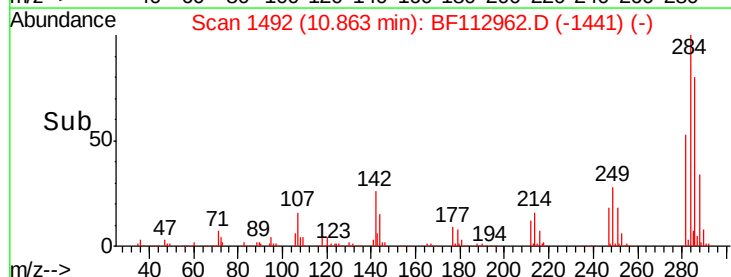
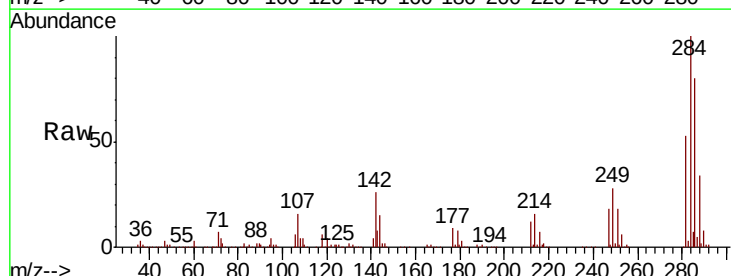
Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

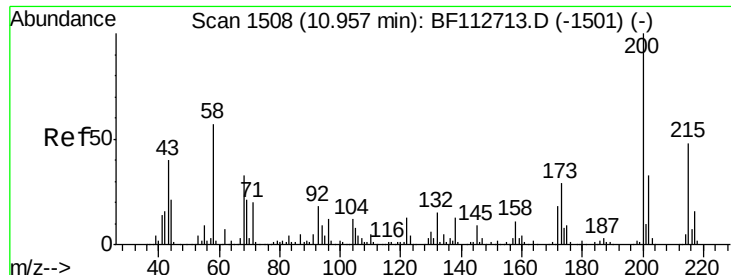
Tgt Ion:	248	Resp:	282007
Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.5	116.3
141	59.8	62.4	93.6#



#68
 Hexachlorobenzene
 Concen: 36.238 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Tgt Ion:	284	Resp:	329088
Ion	Ratio	Lower	Upper
284	100		
142	25.8	31.0	46.6#
249	28.4	23.6	35.4

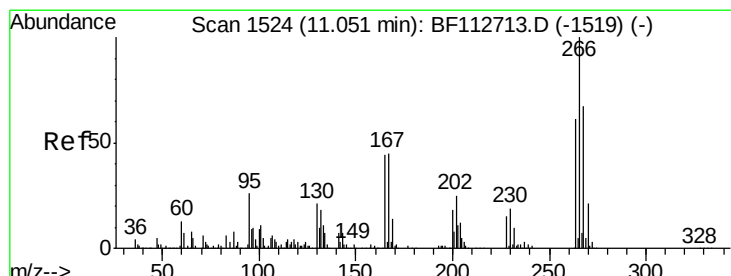
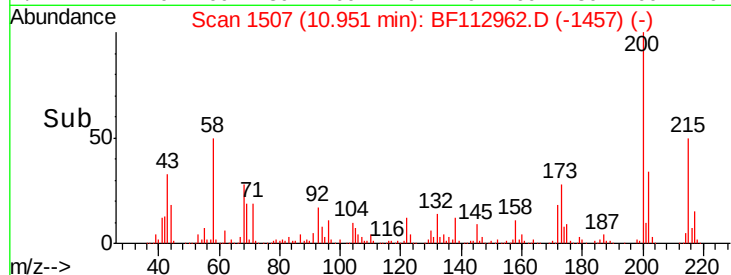
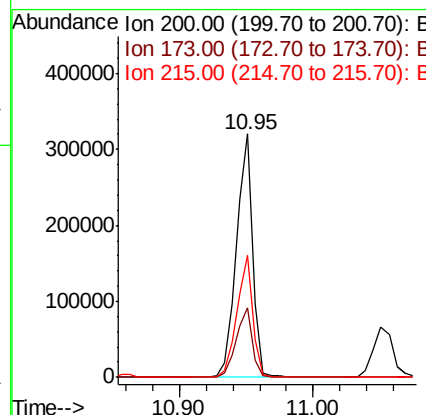
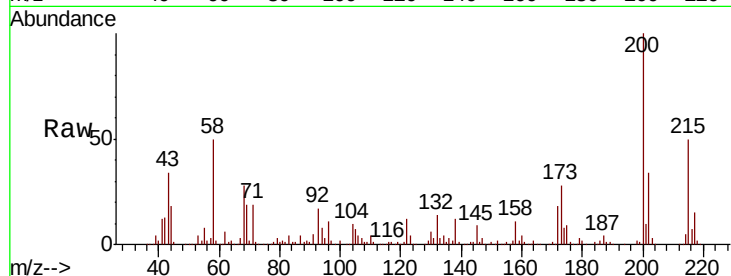




#69
 Atrazine
 Concen: 36.917 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

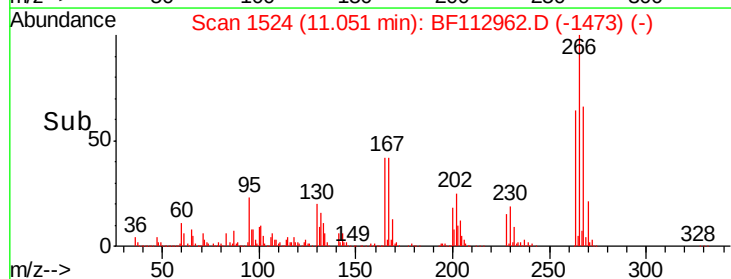
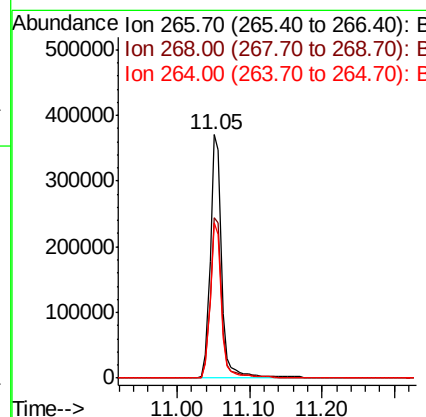
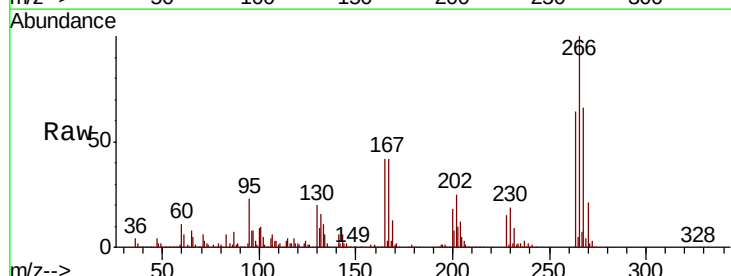
Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

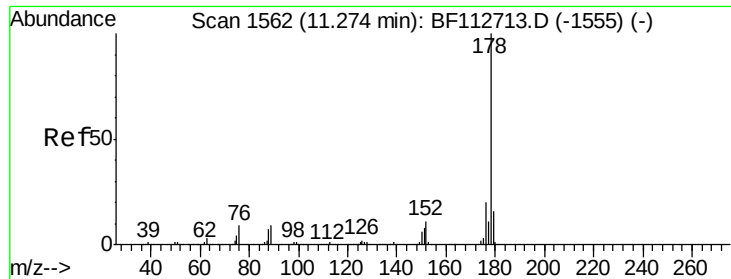
Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.4	9.1	49.1
215	50.2	28.2	68.2



#70
 Pentachlorophenol
 Concen: 76.139 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	53.3	79.9
264	63.7	48.9	73.3

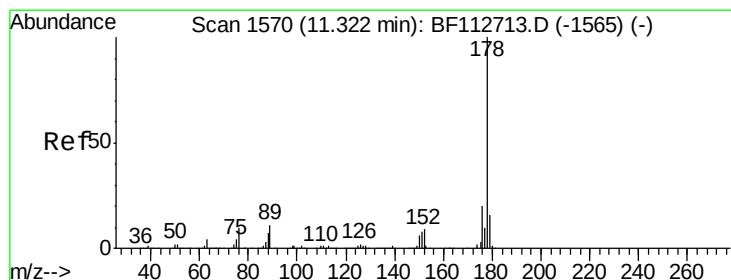
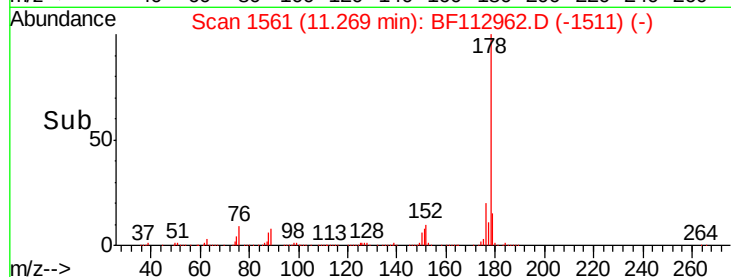
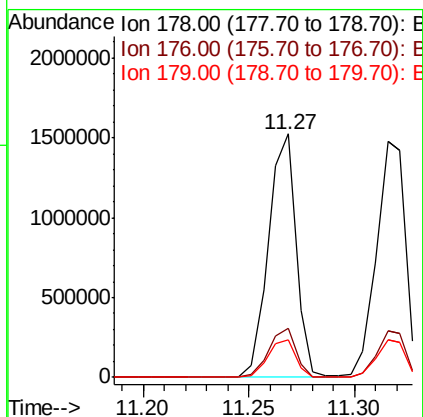
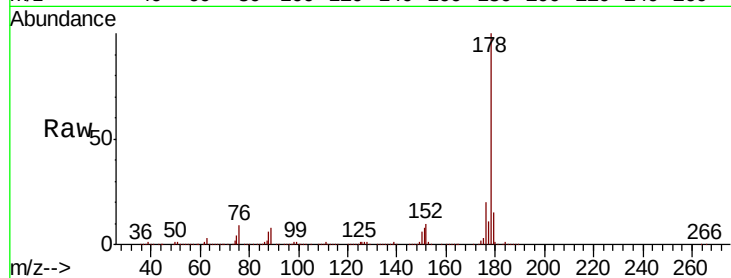




#71
Phenanthrene
Concen: 36.722 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

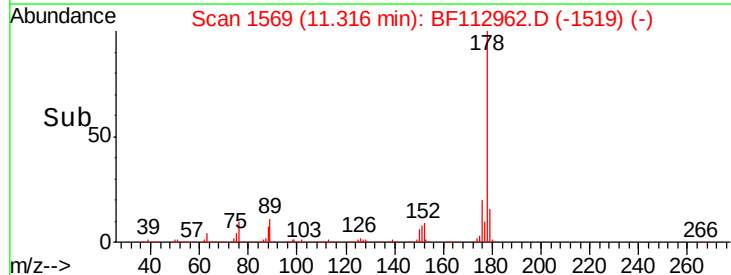
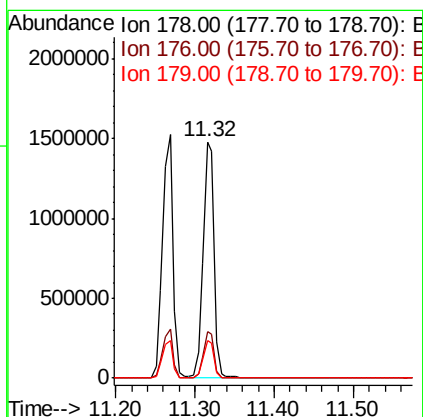
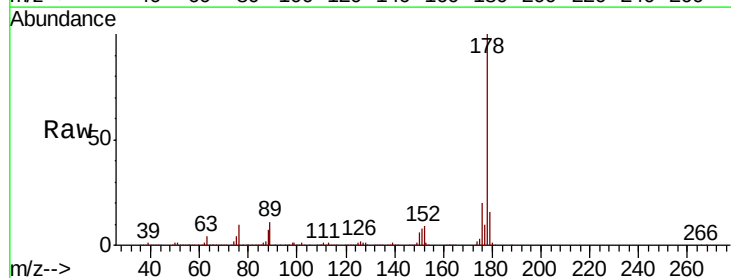
Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

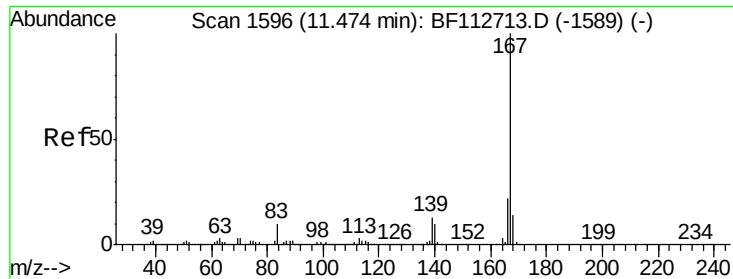
Tgt Ion:178 Resp: 1397414
Ion Ratio Lower Upper
178 100
176 20.0 16.3 24.5
179 15.5 12.7 19.1



#72
Anthracene
Concen: 36.457 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion:178 Resp: 1452255
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 16.1 13.0 19.6

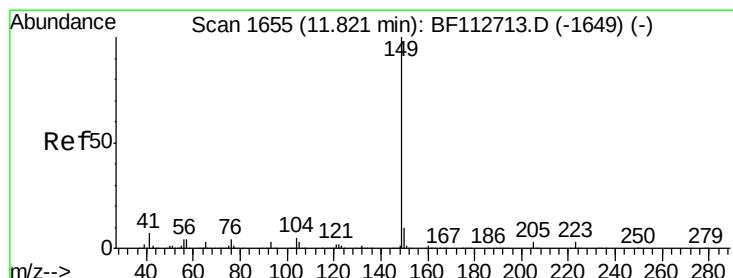
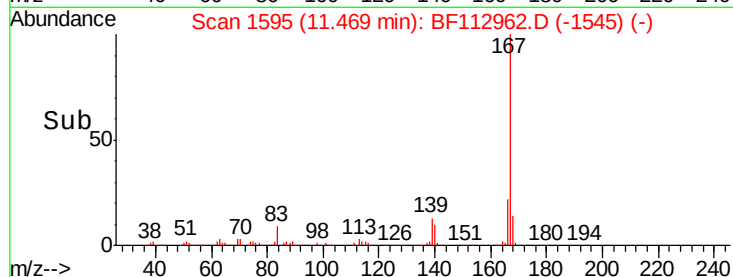
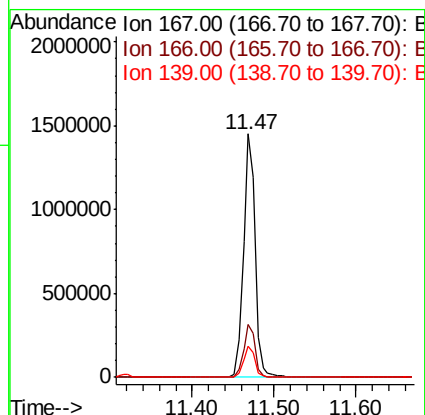
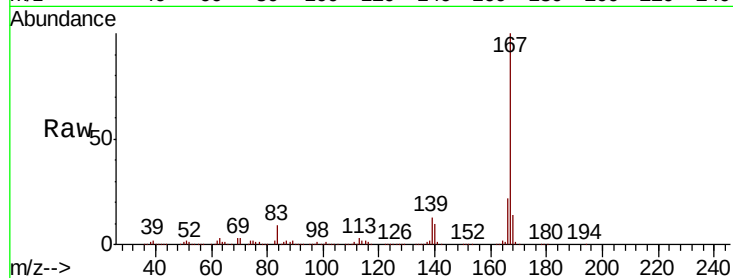




#73
 Carbazole
 Concen: 37.139 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

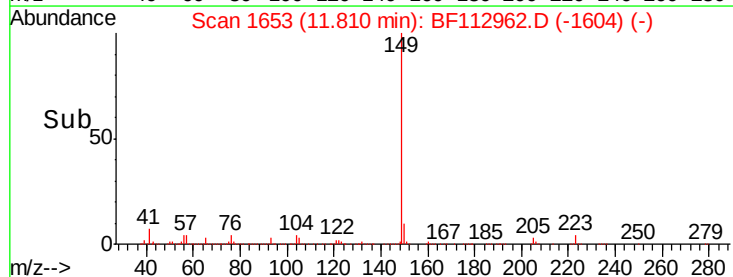
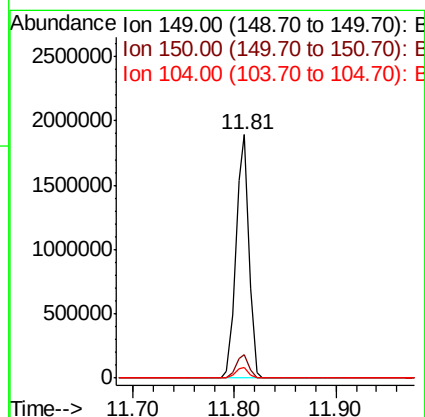
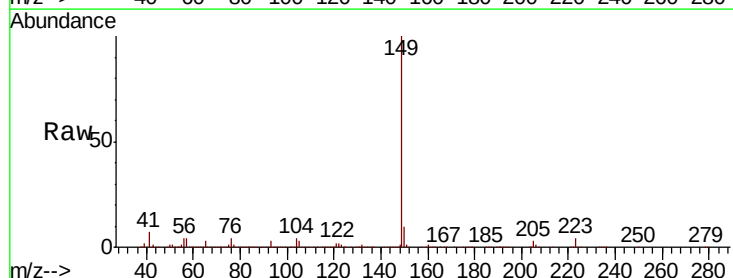
Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MSD

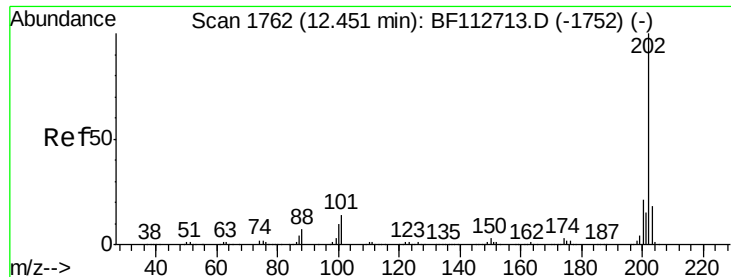
Tgt Ion:167 Resp: 1443175
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 13.0 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 35.925 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF112962.D
 Acq: 11 Mar 2019 18:43

Tgt Ion:149 Resp: 1673890
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 4.4 3.7 5.5





#75

Fluoranthene

Concen: 40.091 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

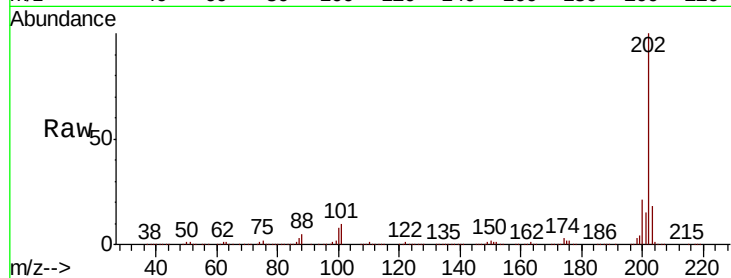
Tgt Ion:202 Resp: 1634545

Ion Ratio Lower Upper

202 100

101 10.4 0.0 33.8

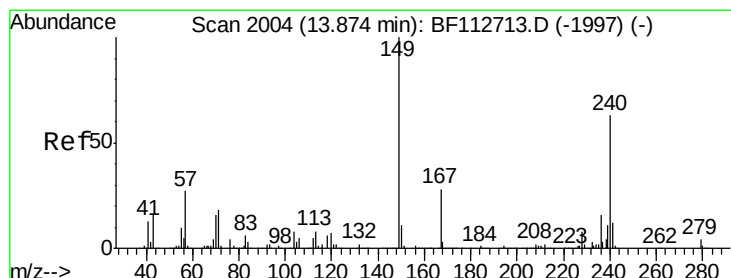
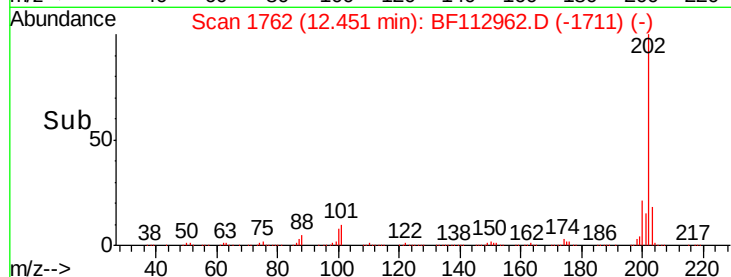
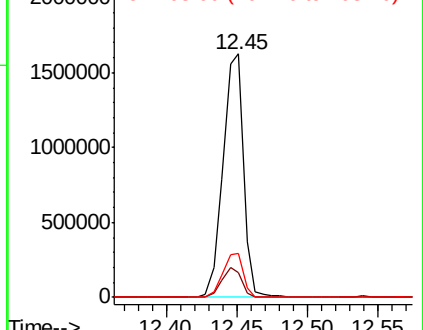
203 18.1 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

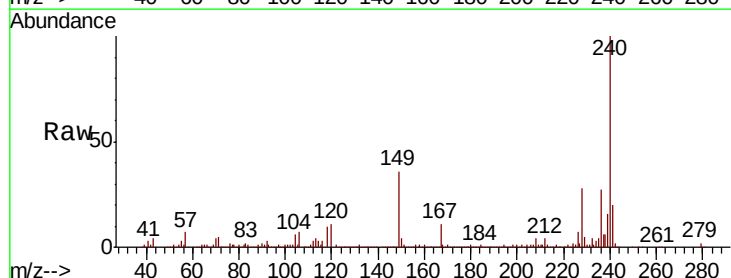
Tgt Ion:240 Resp: 524962

Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

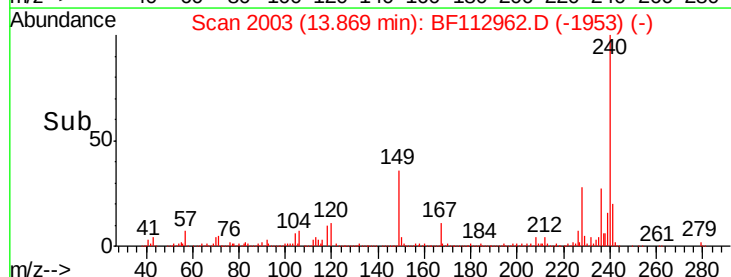
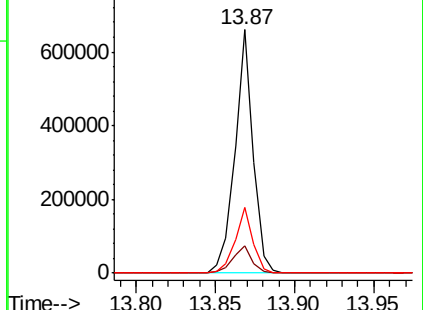
236 26.8 20.7 31.1

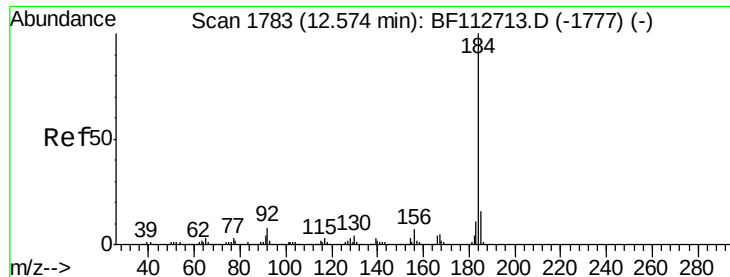


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.780 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

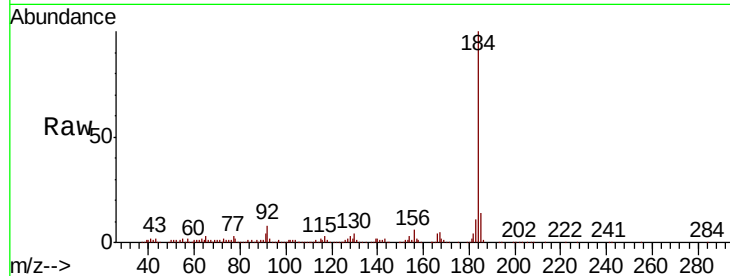
Tgt Ion:184 Resp: 511492

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

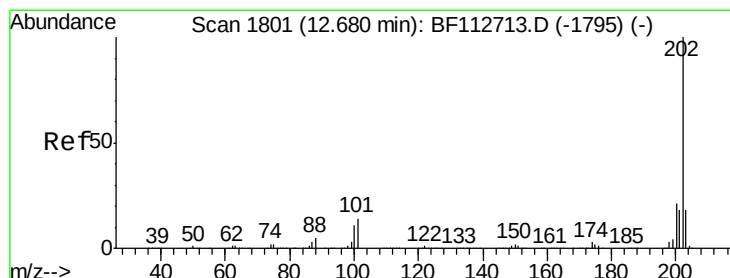
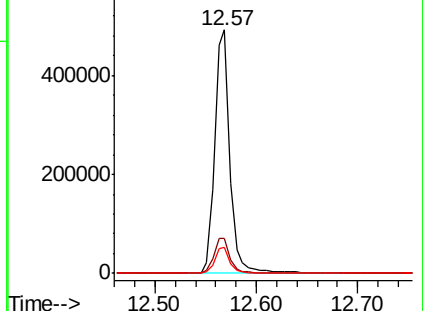
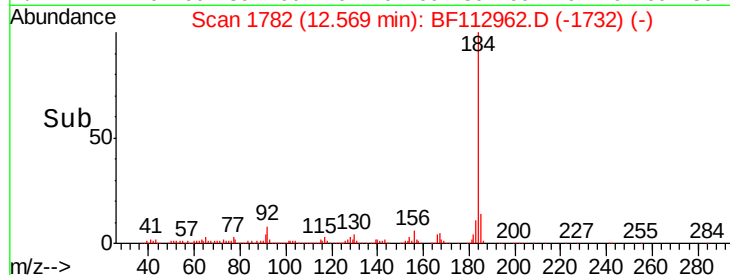
183 10.9 8.6 12.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.195 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

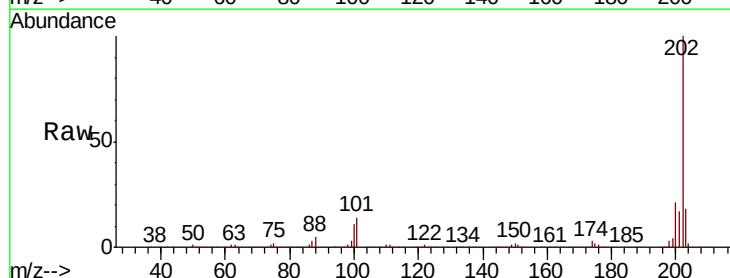
Tgt Ion:202 Resp: 1646068

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

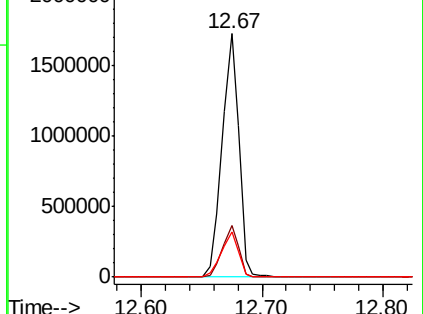
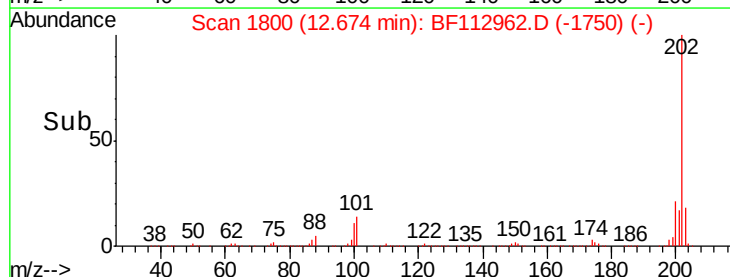
203 18.4 14.4 21.6

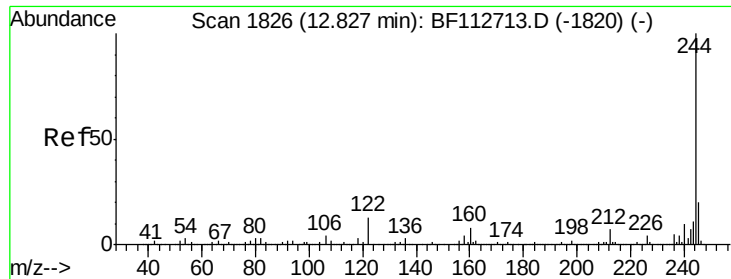


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 56.852 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

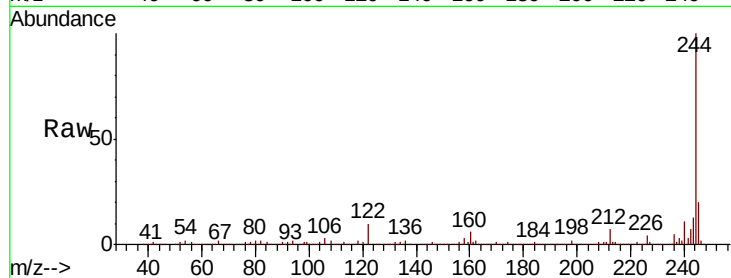
Tgt Ion:244 Resp: 1539593

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

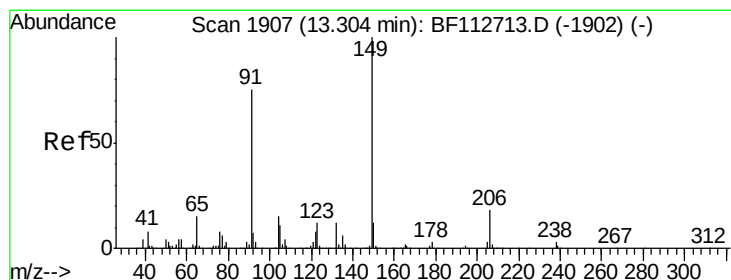
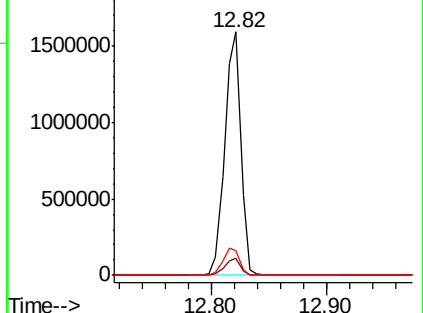
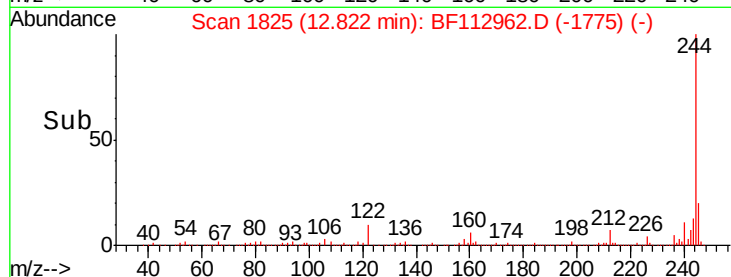
122 10.3 10.5 15.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.298 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

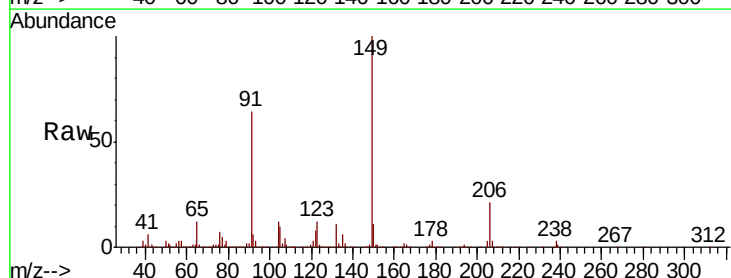
Tgt Ion:149 Resp: 748142

Ion Ratio Lower Upper

149 100

91 64.5 59.9 89.9

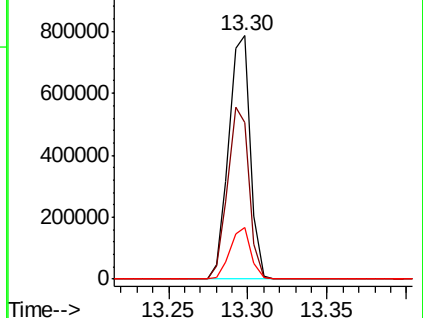
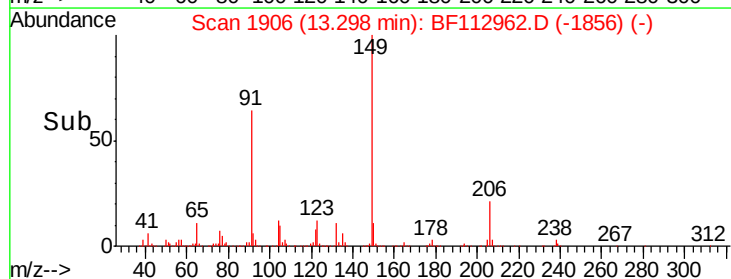
206 21.2 14.7 22.1

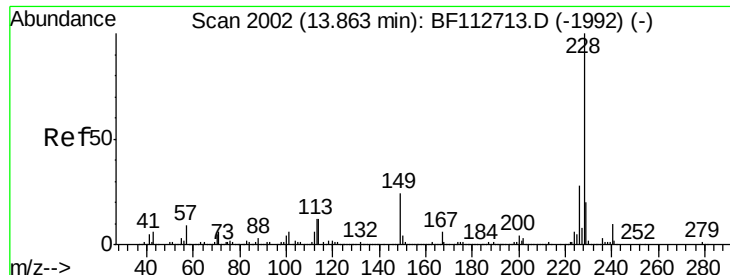


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 32.320 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

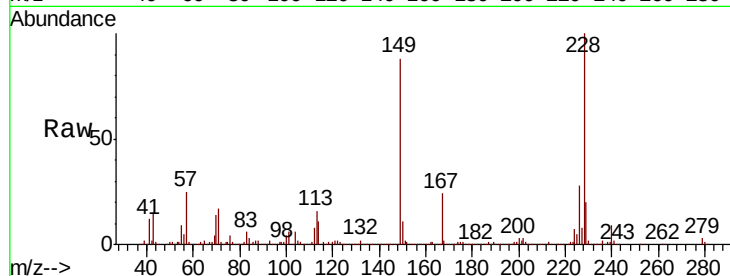
Tgt Ion:228 Resp: 1175915

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.4

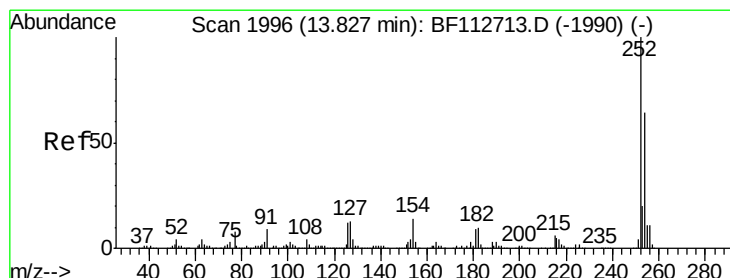
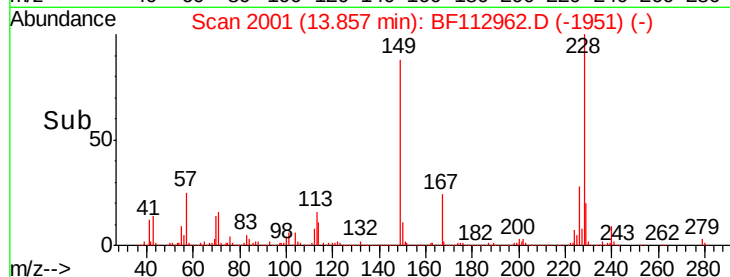
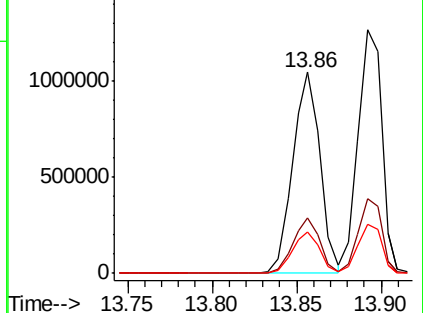
229 20.4 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.615 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

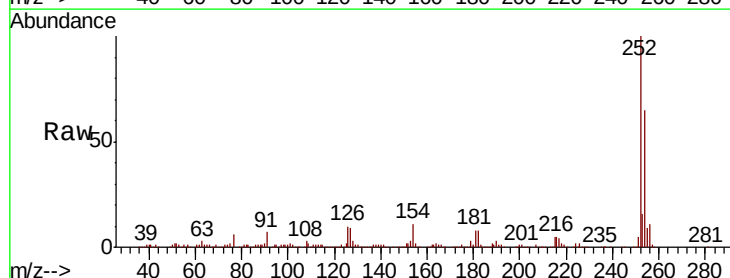
Tgt Ion:252 Resp: 324954

Ion Ratio Lower Upper

252 100

254 65.1 51.1 76.7

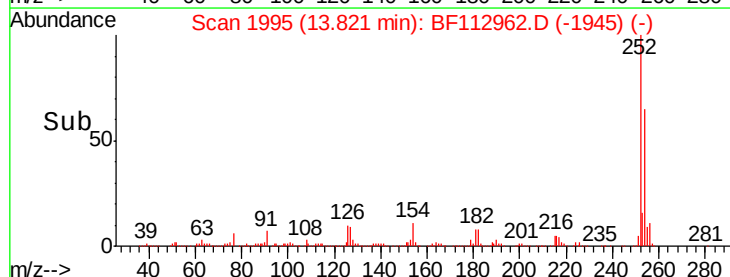
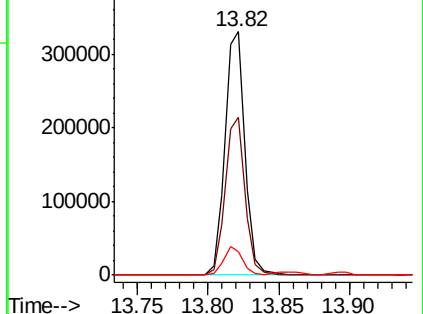
126 9.5 9.9 14.9#

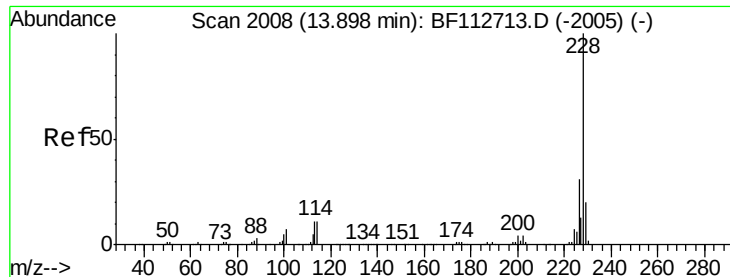


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.726 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

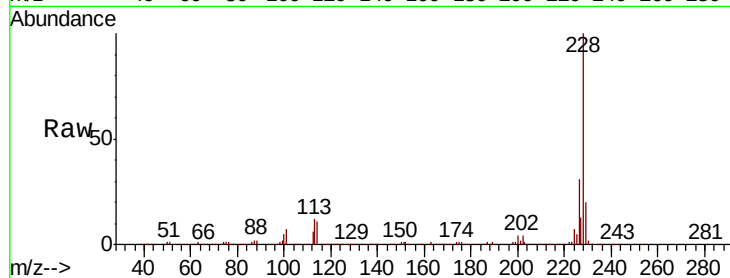
Tgt Ion:228 Resp: 1237571

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

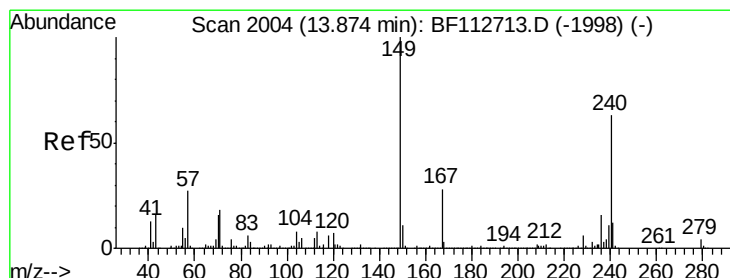
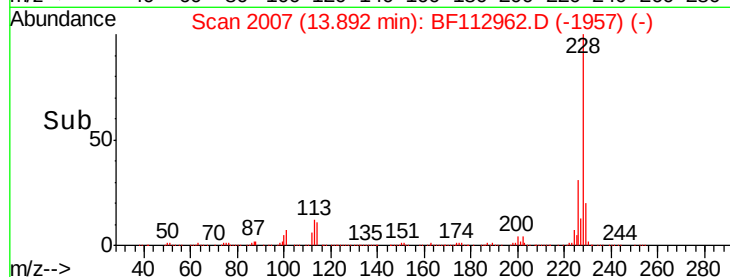
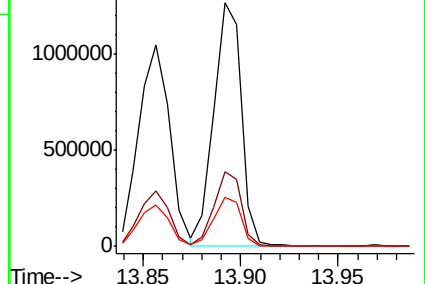
229 20.3 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.406 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

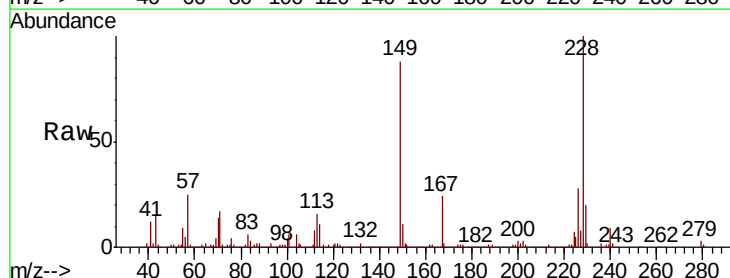
Tgt Ion:149 Resp: 902907

Ion Ratio Lower Upper

149 100

167 27.4 22.4 33.6

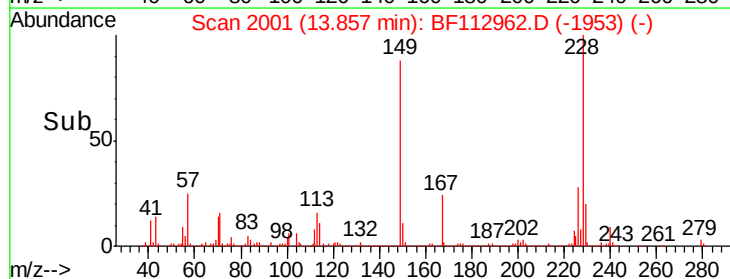
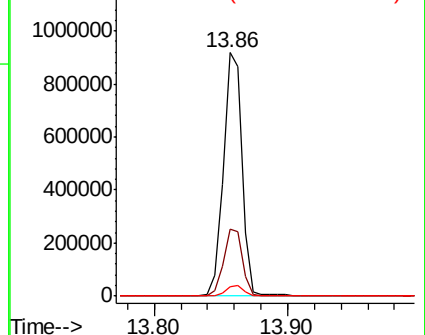
279 3.7 3.3 4.9

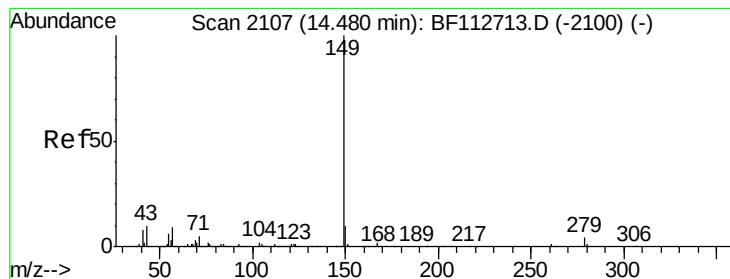


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.105 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

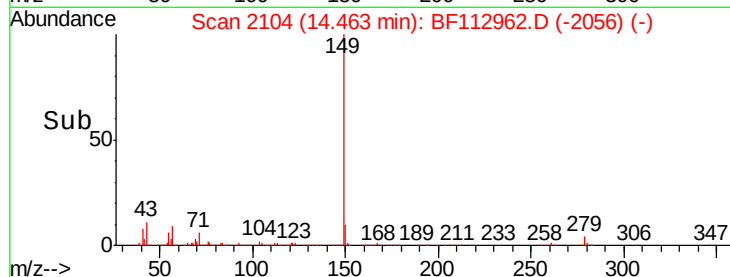
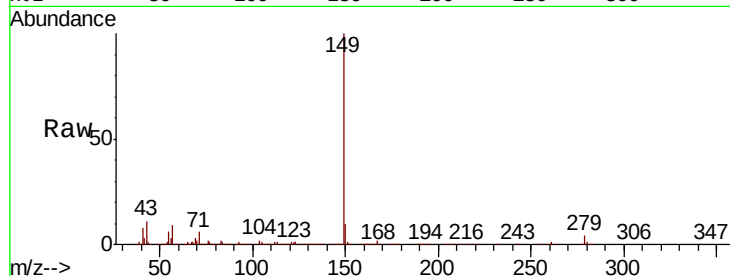
Tgt Ion:149 Resp: 1617270

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

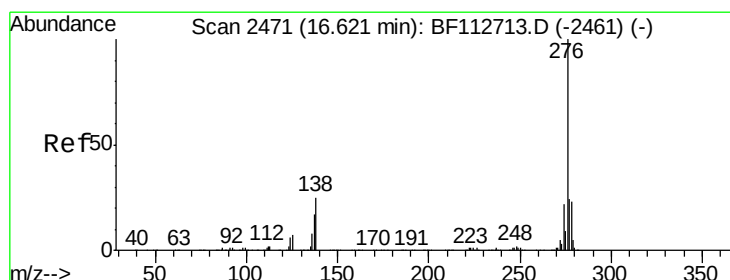
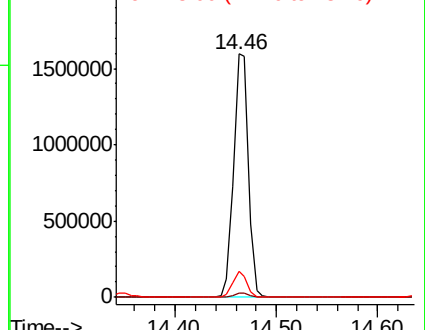
43 9.7 9.0 13.4



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: 40.595 ng

RT: 16.63 min Scan# 2473

Delta R.T. 0.01 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

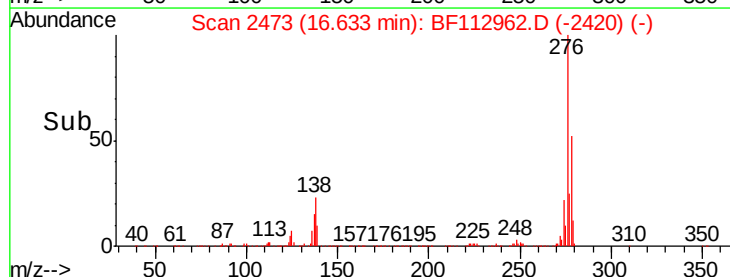
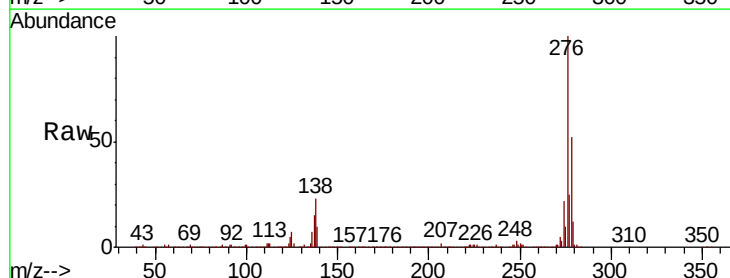
Tgt Ion:276 Resp: 1233386

Ion Ratio Lower Upper

276 100

138 24.6 23.2 34.8

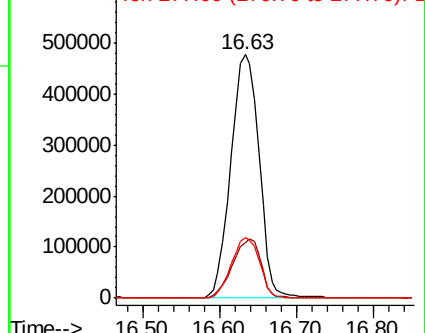
277 24.6 19.9 29.9

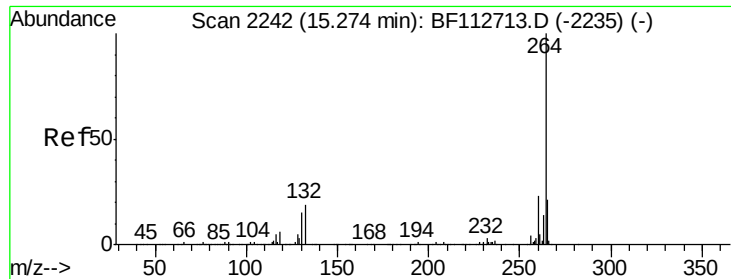


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

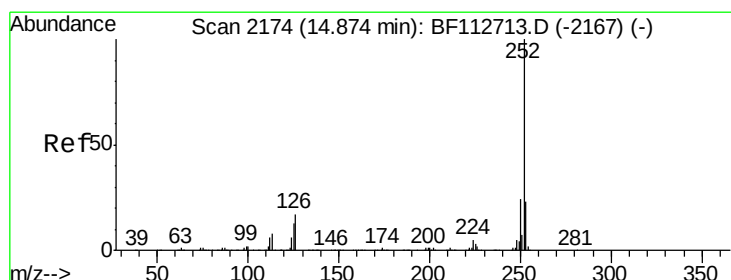
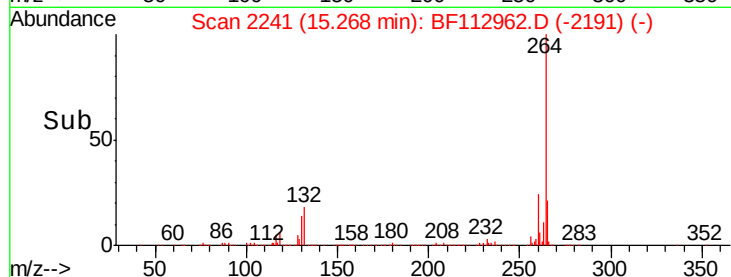
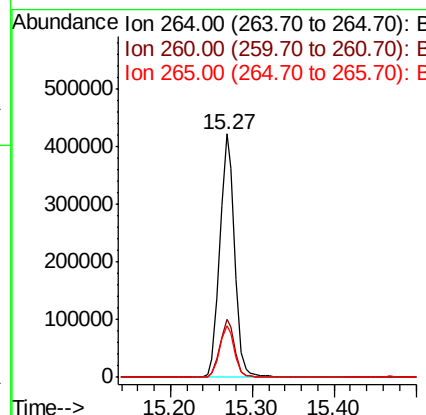
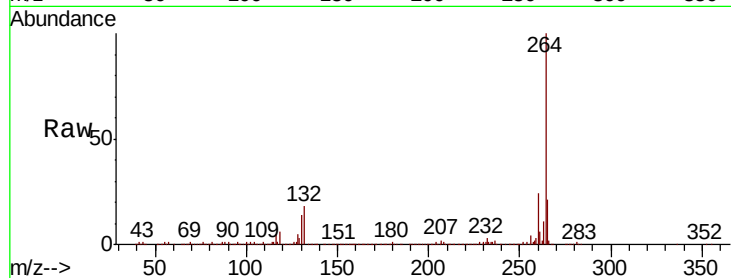




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

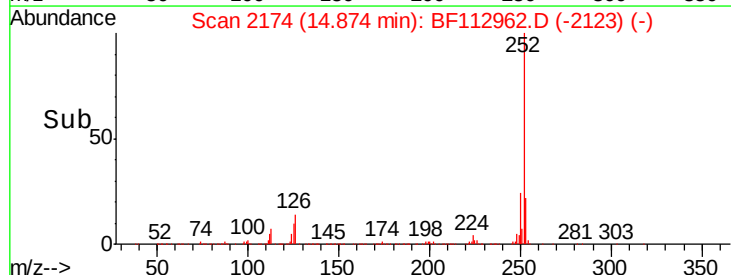
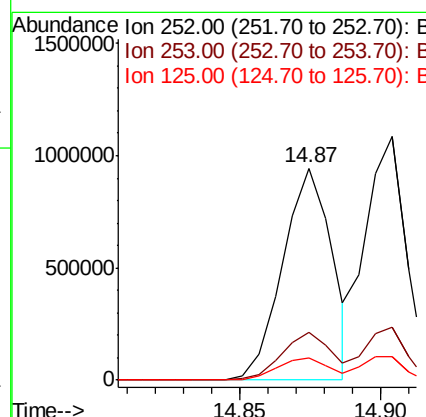
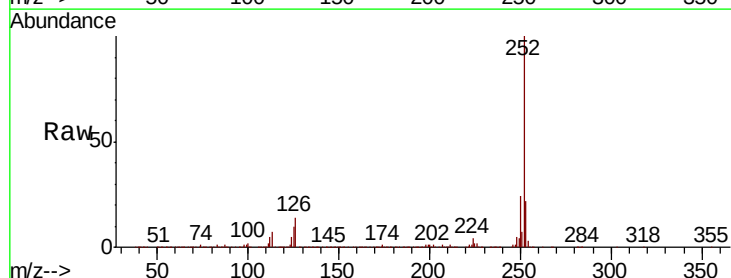
Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

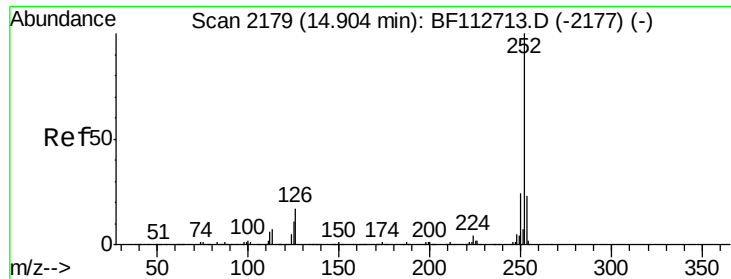
Tgt Ion:264 Resp: 532888
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.3 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 33.248 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion:252 Resp: 1146021
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 10.3 10.2 15.2





#89

Benzo(k)fluoranthene

Concen: 34.613 ng

RT: 14.90 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MSD

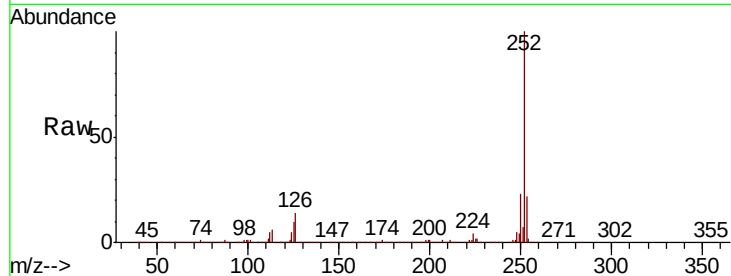
Tgt Ion:252 Resp: 1080693

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

125 9.8 9.8 14.6

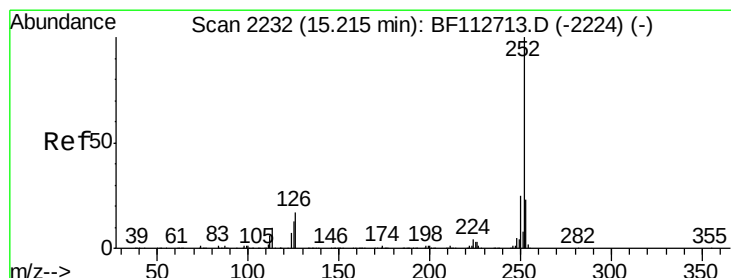
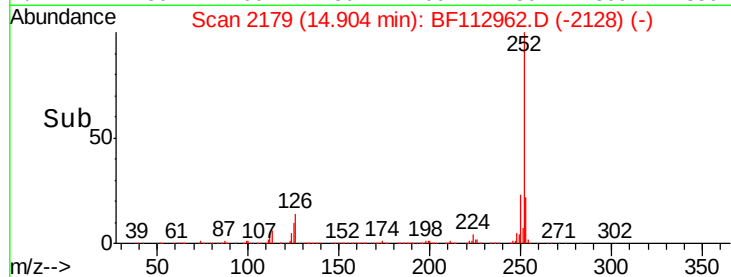
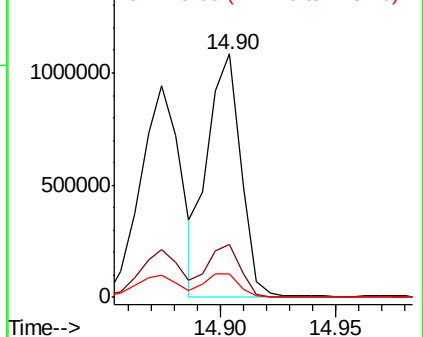


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 35.546 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BF112962.D

Acq: 11 Mar 2019 18:43

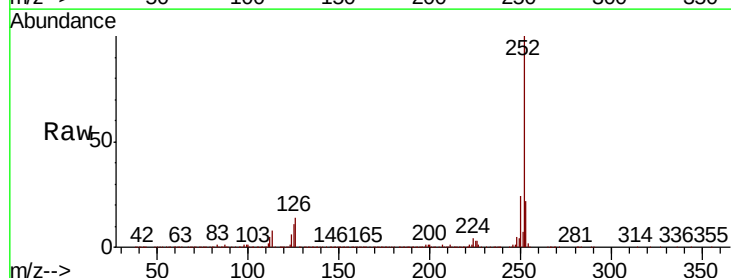
Tgt Ion:252 Resp: 1083742

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 10.9 10.7 16.1

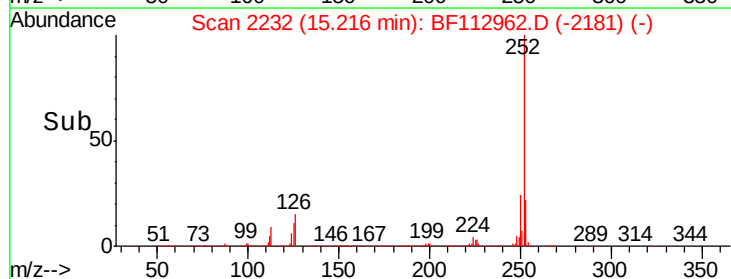
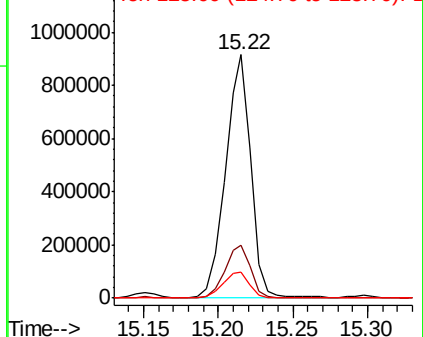


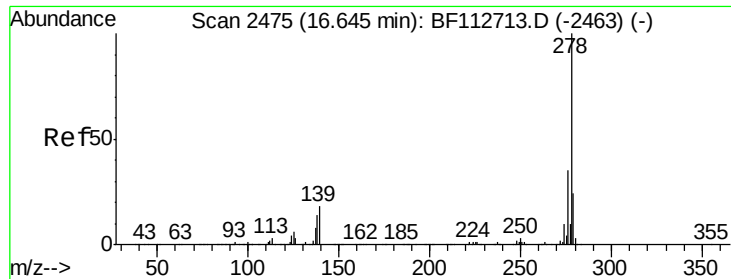
Abundance

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

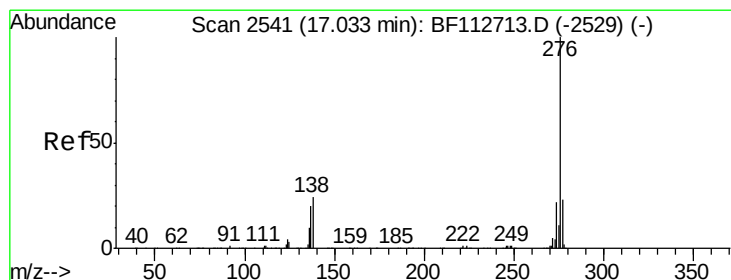
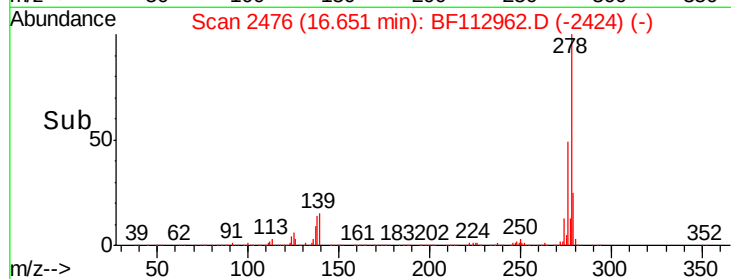
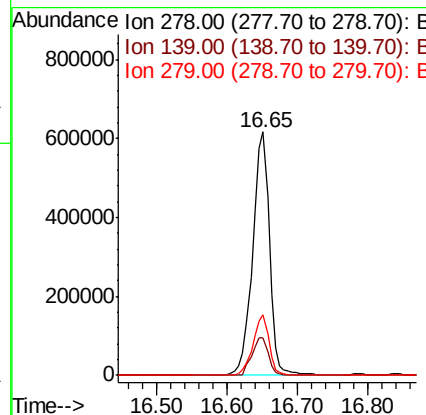
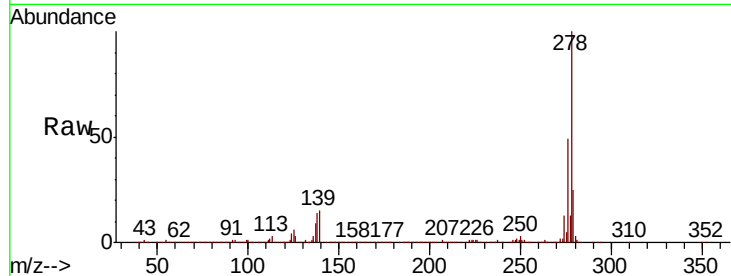




#91
Dibenzo(a,h)anthracene
Concen: 39.512 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MSD

Tgt Ion:278 Resp: 1027957
Ion Ratio Lower Upper
278 100
139 15.2 14.3 21.5
279 24.8 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 37.873 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF112962.D
Acq: 11 Mar 2019 18:43

Tgt Ion:276 Resp: 989380
Ion Ratio Lower Upper
276 100
277 23.8 18.6 27.8
138 21.5 19.4 29.0

