

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112028.D
 Acq On : 11 Jan 2019 21:06
 Operator : JU/SJ
 Sample : K1088-09MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 00:56:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	107563	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	364868	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	159773	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	283364	20.00	ng	0.00
76) Chrysene-d12	14.06	240	186384	20.00	ng	0.02
87) Perylene-d12	15.54	264	154755	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	743197	118.21	ng	0.01
7) Phenol-d6	6.53	99	883180	108.99	ng	0.01
23) Nitrobenzene-d5	7.44	82	509821	74.68	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	215060	103.49	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	876409	79.99	ng	0.00
79) Terphenyl-d14	13.02	244	830621	84.59	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	100552	36.576	ng	98
3) Pyridine	3.43	79	283258	39.753	ng	97
4) n-Nitrosodimethylamine	3.36	42	170110	47.983	ng	98
6) Aniline	6.55	93	88592	9.042	ng	# 1
8) 2-Chlorophenol	6.67	128	270995	38.817	ng	97
9) Benzaldehyde	6.42	77	96078	17.072	ng	100
10) Phenol	6.54	94	353115	40.093	ng	82
11) bis(2-Chloroethyl)ether	6.61	93	260366	38.212	ng	93
12) 1,3-Dichlorobenzene	6.82	146	300271	37.101	ng	97
13) 1,4-Dichlorobenzene	6.89	146	303554	36.961	ng	98
14) 1,2-Dichlorobenzene	7.05	146	285069	36.311	ng	97
15) Benzyl Alcohol	7.02	79	242727	37.857	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	385553	33.188	ng	82
17) 2-Methylphenol	7.15	107	210805	37.570	ng	# 91
18) Hexachloroethane	7.39	117	73854	25.755	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	191696	36.408	ng	98
20) 3+4-Methylphenols	7.29	107	278934	39.944	ng	# 72
22) Acetophenone	7.28	105	375881	40.692	ng	# 91
24) Nitrobenzene	7.46	77	271395	39.298	ng	99
25) Isophorone	7.70	82	489558	44.284	ng	98
26) 2-Nitrophenol	7.77	139	122672	36.076	ng	96
27) 2,4-Dimethylphenol	7.82	122	226625	46.094	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	309106	41.890	ng	# 89
29) 2,4-Dichlorophenol	8.03	162	218233	38.601	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	235588	37.773	ng	99
31) Naphthalene	8.18	128	810002	46.766	ng	100
32) Benzoic acid	7.91	122	25478	7.985	ng	96
33) 4-Chloroaniline	8.23	127	85742	11.452	ng	98
34) Hexachlorobutadiene	8.30	225	145833	37.560	ng	97
35) Caprolactam	8.59	113	52616	28.485	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	202000	35.936	ng	99
37) 2-Methylnaphthalene	8.87	142	511001	47.613	ng	100
38) 1-Methylnaphthalene	8.97	142	473676	46.015	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	215499	42.308	ng	100

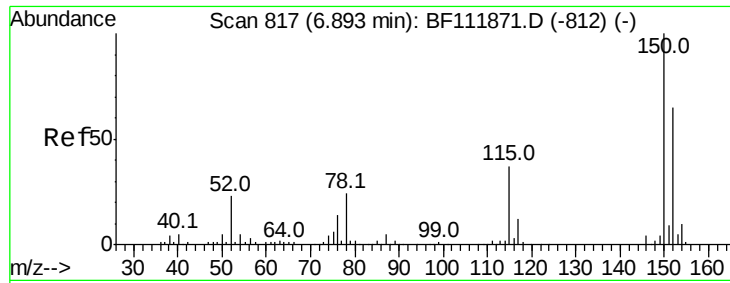
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112028.D
 Acq On : 11 Jan 2019 21:06
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.16	196	142050	41.116	nq	100
44) 2,4,5-Trichlorophenol	9.20	196	143236	39.571	nq	97
46) 1,1'-Biphenyl	9.33	154	575693	43.075	nq	99
47) 2-Chloronaphthalene	9.36	162	421021	40.139	nq	99
48) 2-Nitroaniline	9.46	65	139600	43.531	nq	90
49) Acenaphthylene	9.78	152	755792	48.738	nq	98
50) Dimethylphthalate	9.63	163	585962	48.821	nq	98
51) 2,6-Dinitrotoluene	9.69	165	100074	37.286	nq	92
52) Acenaphthene	9.95	154	480064	48.020	nq	99
53) 3-Nitroaniline	9.86	138	72458	25.209	nq	94
55) Dibenzofuran	10.12	168	642415	44.185	nq	98
56) 4-Nitrophenol	10.05	139	153358	75.512	nq	97
57) 2,4-Dinitrotoluene	10.10	165	126654	36.520	nq #	92
58) Fluorene	10.47	166	522879	49.425	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	118504	38.856	nq #	97
60) Diethylphthalate	10.33	149	467264	40.229	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	217526	36.667	nq	95
62) 4-Nitroaniline	10.47	138	94738	34.750	nq	95
63) Azobenzene	10.62	77	414168	37.327	nq	93
65) 4,6-Dinitro-2-methylphenol	10.52	198	4399	2.516	nq #	1
66) n-Nitrosodiphenylamine	10.57	169	398275	41.884	nq	98
67) 4-Bromophenyl-phenylether	10.95	248	135464	36.909	nq	99
68) Hexachlorobenzene	11.02	284	146623	36.047	nq #	93
69) Atrazine	11.10	200	130752	39.136	nq	98
70) Pentachlorophenol	11.22	266	137721	59.500	nq	99
71) Phenanthrene	11.43	178	1322719	87.308	nq	99
72) Anthracene	11.49	178	763562	49.648	nq	98
73) Carbazole	11.64	167	579479	38.736	nq	99
74) Di-n-butylphthalate	11.96	149	696365	40.075	nq	99
75) Fluoranthene	12.64	202	1040827	66.922	nq	96
77) Benzidine	12.79	184	136047	24.428	nq #	95
78) Pyrene	12.87	202	867742	67.663	nq	99
80) Butylbenzylphthalate	13.47	149	275529	50.819	nq	92
81) Benzo(a)anthracene	14.06	228	581582	54.218	nq	96
82) 3,3'-Dichlorobenzidine	14.01	252	43532	10.993	nq #	91
83) Chrysene	14.09	228	518907	50.736	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	472410	66.347	nq	99
85) Di-n-octyl phthalate	14.64	149	524897	51.512	nq	98
86) Indeno(1,2,3-cd)pyrene	17.06	276	485265	65.081	nq	99
88) Benzo(b)fluoranthene	15.12	252	464394	50.165	nq #	89
89) Benzo(k)fluoranthene	15.14	252	372010	42.751	nq #	91
90) Benzo(a)pyrene	15.49	252	430118	52.842	nq #	94
91) Dibenzo(a,h)anthracene	17.06	278	368996	56.363	nq	98
92) Benzo(g,h,i)perylene	17.51	276	357661	55.856	nq	100

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

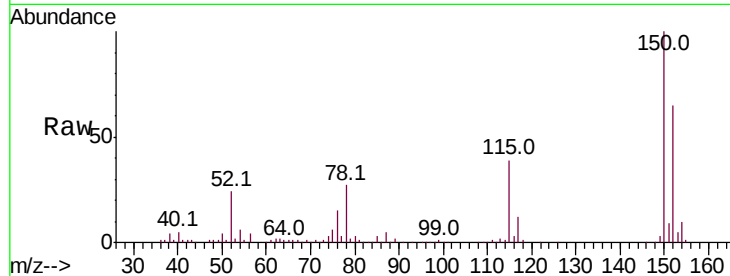


#1

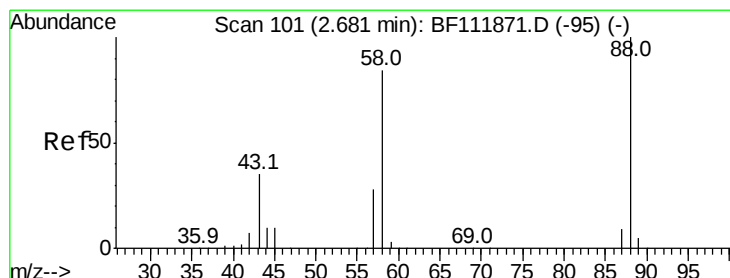
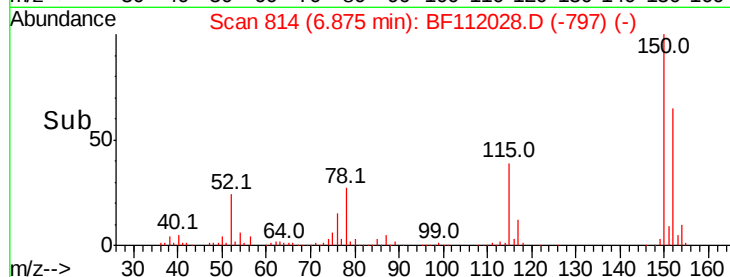
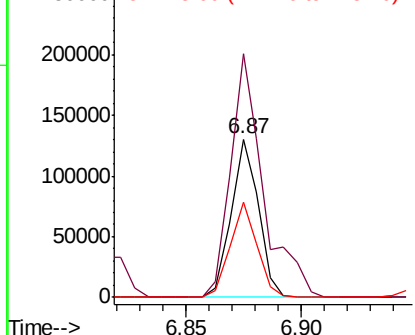
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107563
Ion Ratio Lower Upper
152 100
150 154.1 122.7 184.1
115 60.2 45.2 67.8



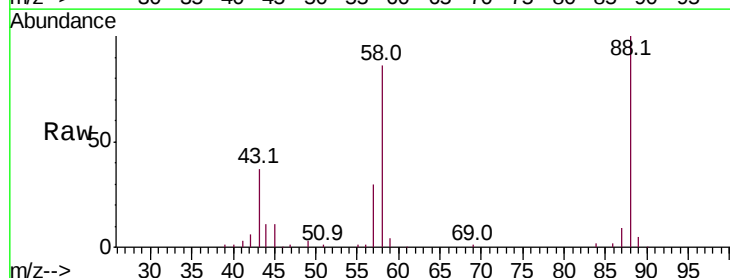
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



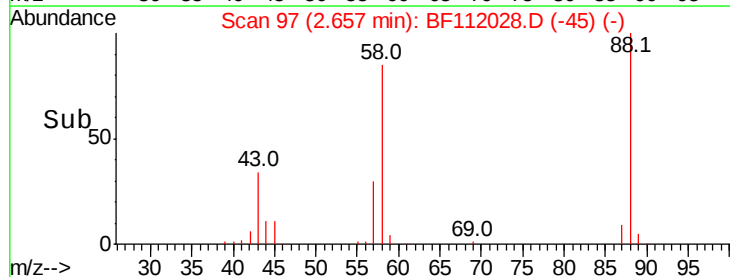
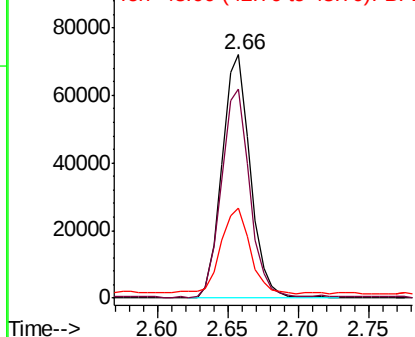
#2

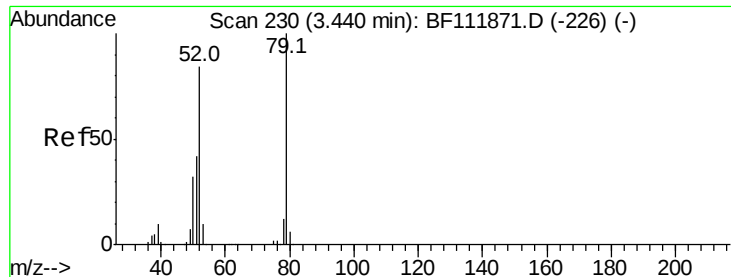
1,4-Dioxane
Concen: 36.576 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion: 88 Resp: 100552
Ion Ratio Lower Upper
88 100
58 86.4 67.6 101.4
43 36.1 29.0 43.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.753 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.02 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

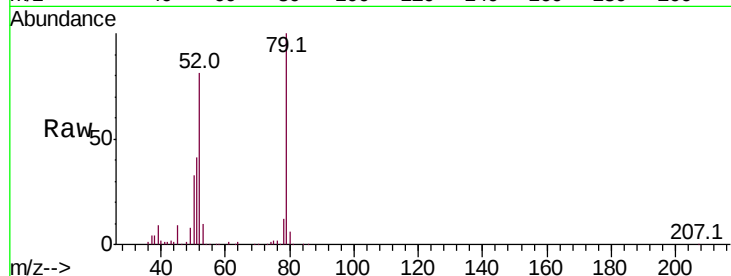
Tot Ion: 79 Resp: 283258

Ion Ratio Lower Upper

79 100

52 81.0 67.0 100.6

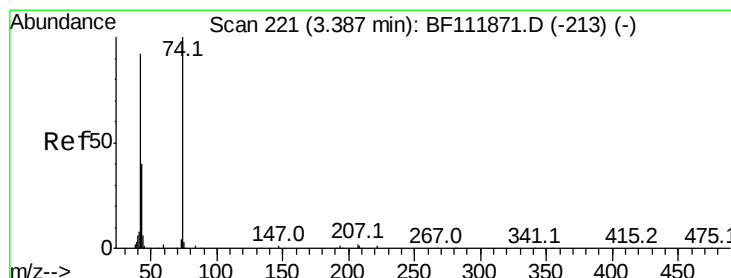
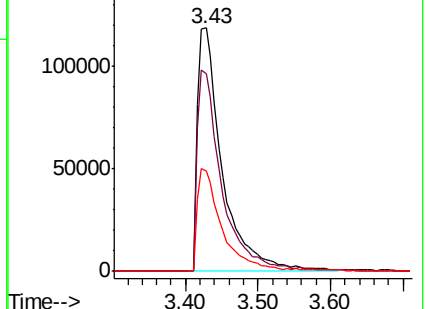
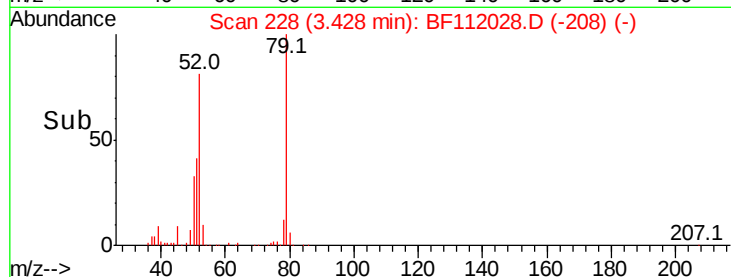
51 40.9 34.2 51.2



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



#4

n-Nitrosodimethylamine

Concen: 47.983 ng

RT: 3.36 min Scan# 217

Delta R.T. -0.00 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

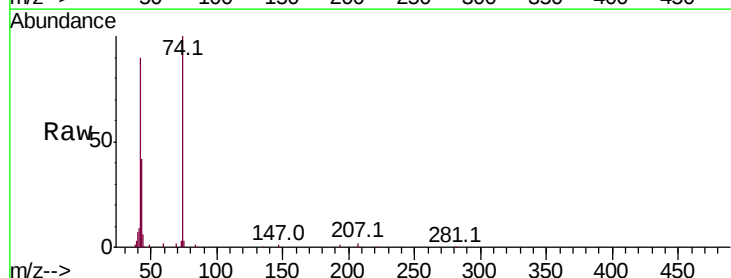
Tgt Ion: 42 Resp: 170110

Ion Ratio Lower Upper

42 100

74 110.6 87.0 130.6

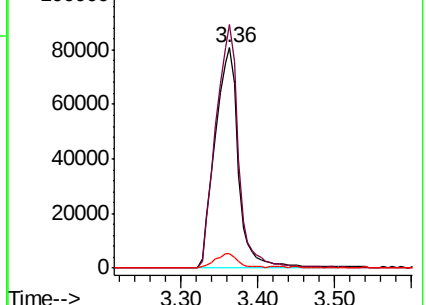
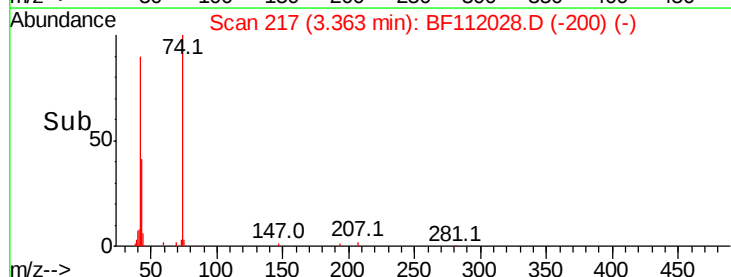
44 6.9 5.5 8.3

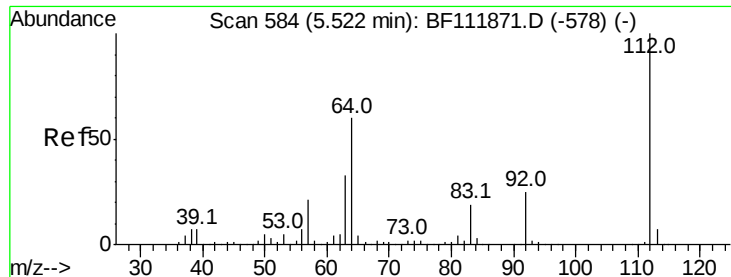


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 118.207 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampled :

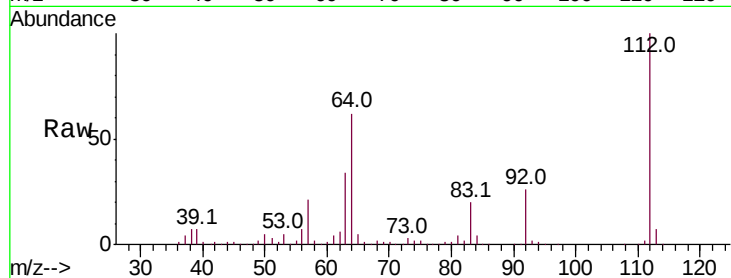
Tot Ion:112 Resp: 743197

Ion Ratio Lower Upper

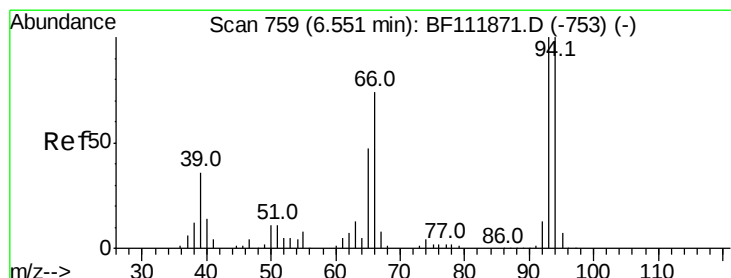
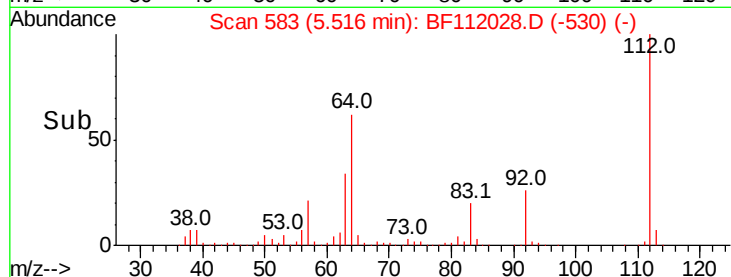
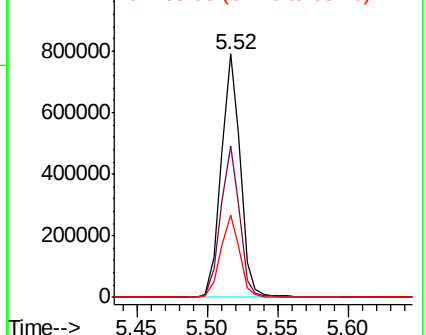
112 100

64 62.4 48.3 72.5

63 33.8 26.1 39.1



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



#6

Aniline

Concen: 9.042 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

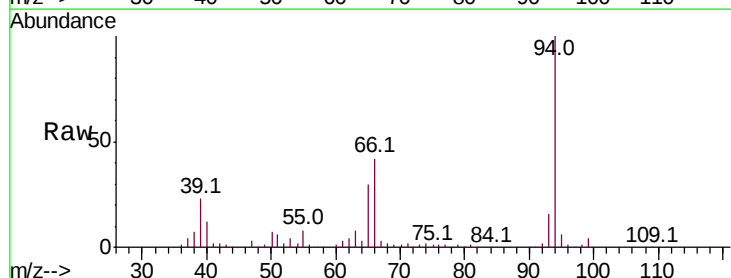
Tgt Ion: 93 Resp: 88592

Ion Ratio Lower Upper

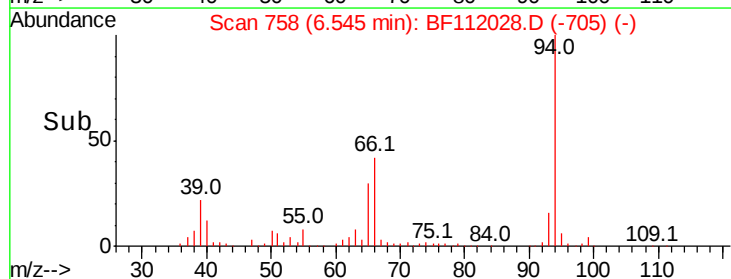
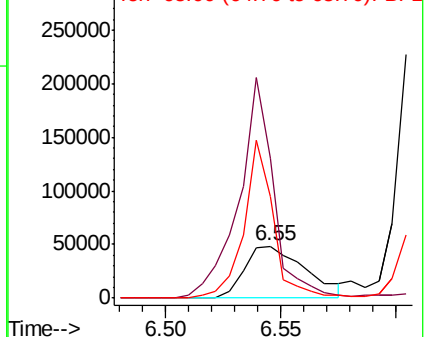
93 100

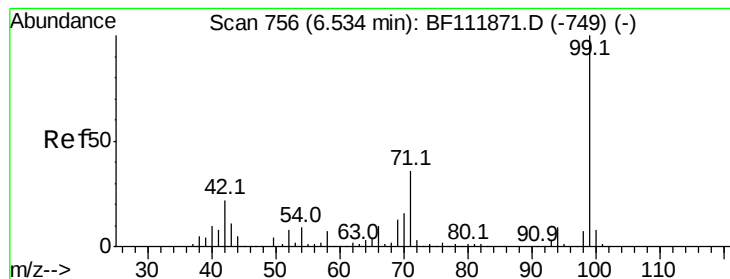
66 268.1 60.0 90.0#

65 195.7 37.5 56.3#



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: 108.988 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampled :

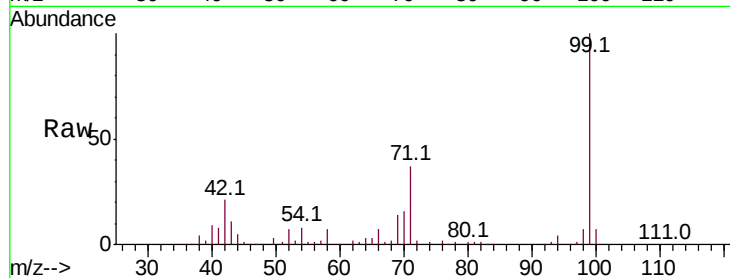
Tot Ion: 99 Resp: 883180

Ion Ratio Lower Upper

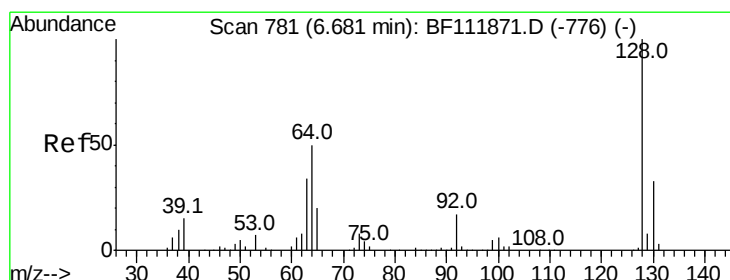
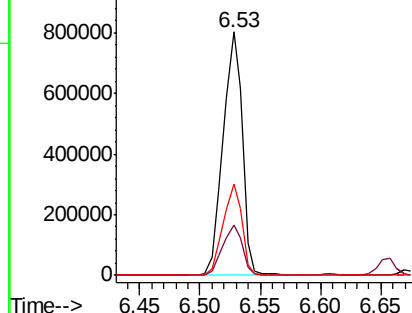
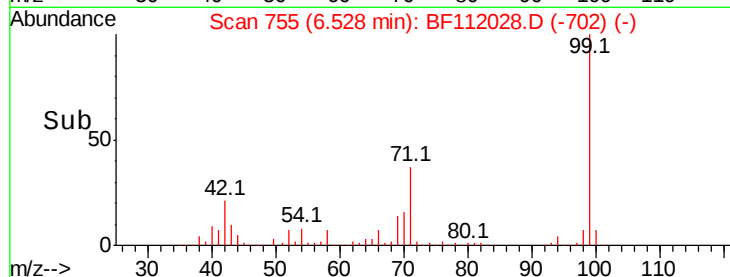
99 100

42 20.8 17.9 26.9

71 37.3 28.7 43.1



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: 38.817 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

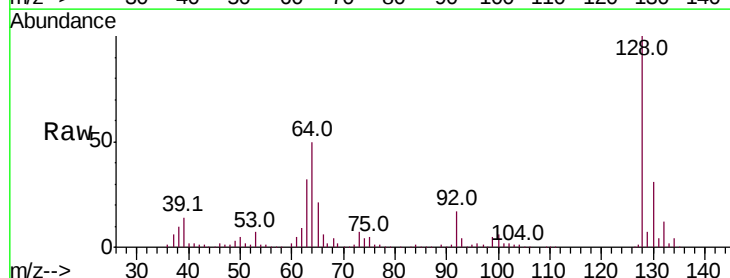
Tgt Ion:128 Resp: 270995

Ion Ratio Lower Upper

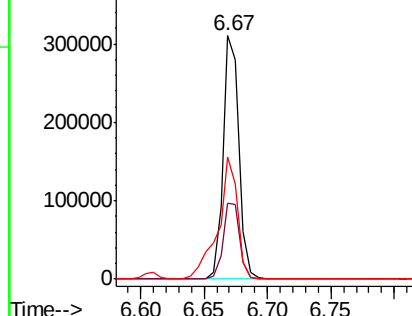
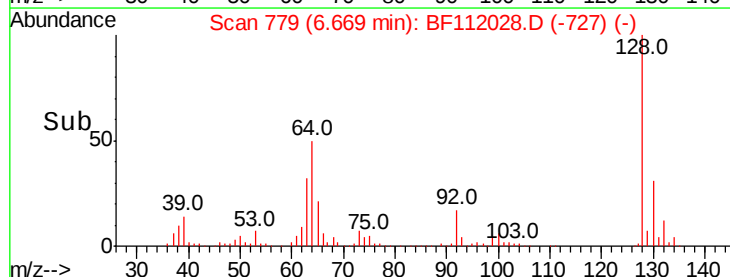
128 100

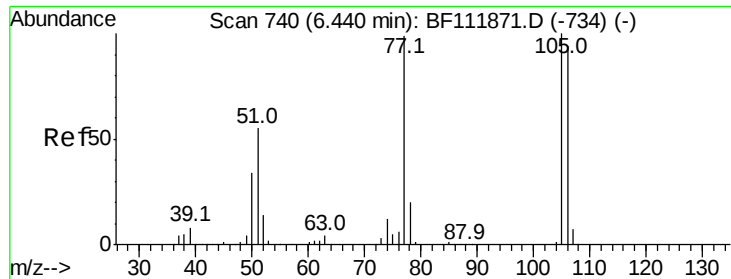
130 31.4 12.7 52.7

64 49.9 31.8 71.8



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: 17.072 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampled :

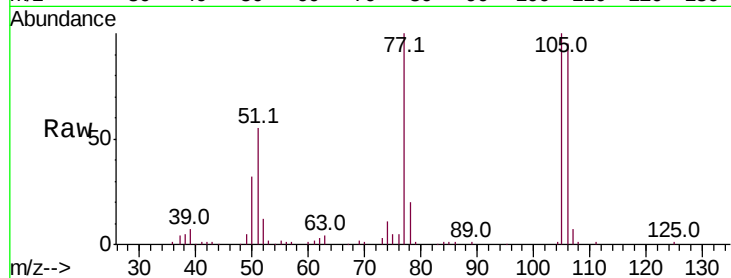
Tot Ion: 77 Resp: 96078

Ion Ratio Lower Upper

77 100

105 100.4 80.6 120.6

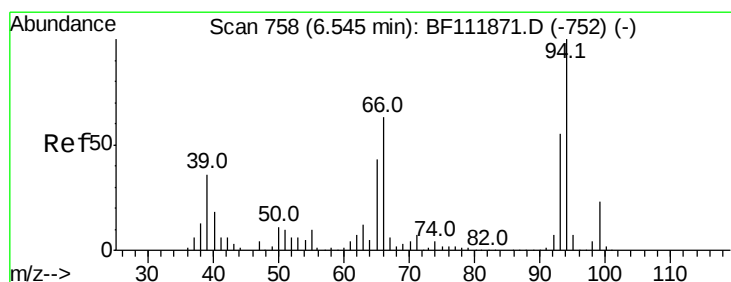
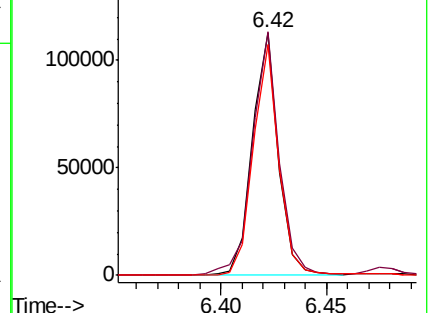
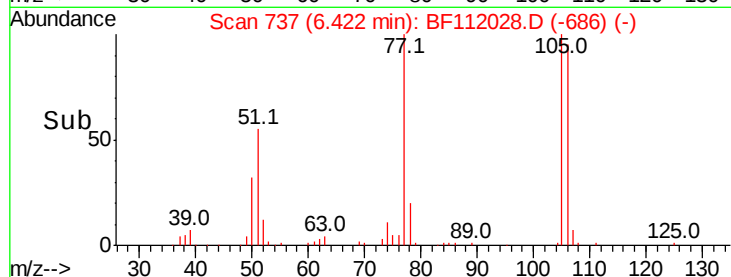
106 95.3 74.6 114.6



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: 40.093 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

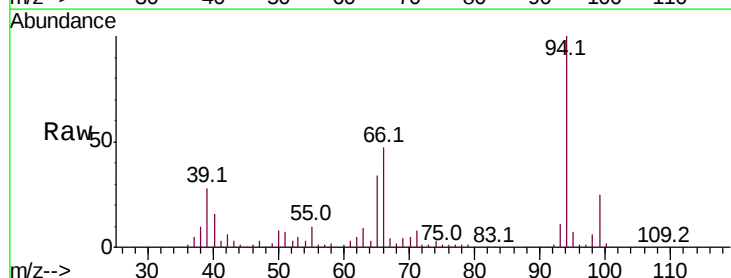
Tgt Ion: 94 Resp: 353115

Ion Ratio Lower Upper

94 100

65 33.9 22.8 62.8

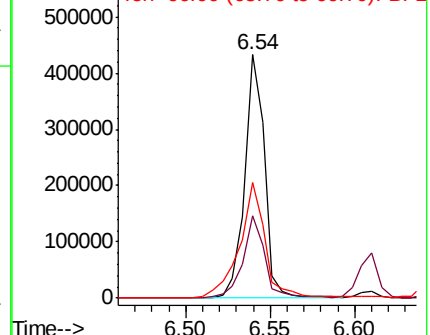
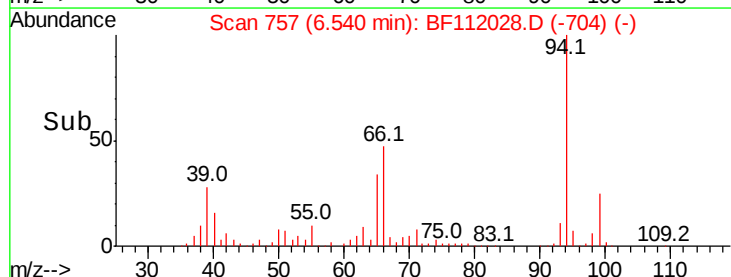
66 47.4 43.3 83.3

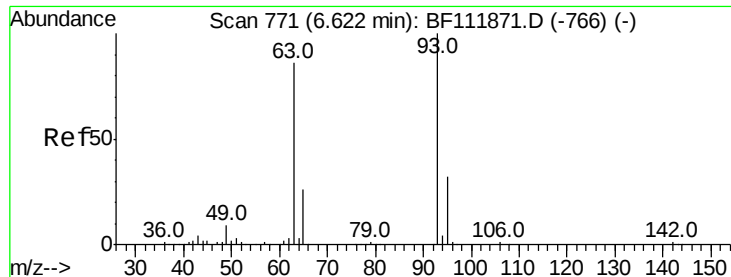


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

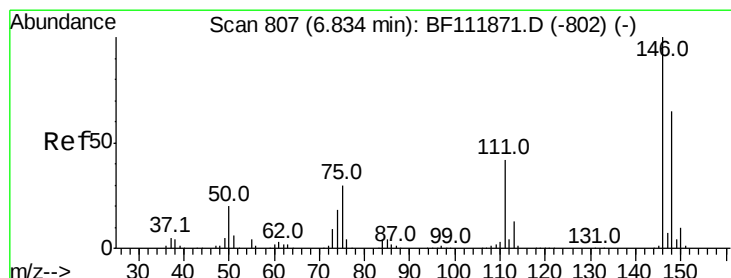
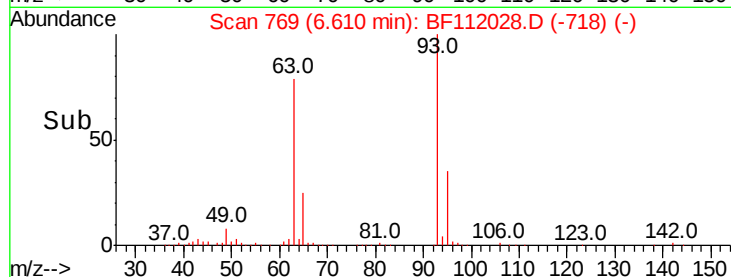
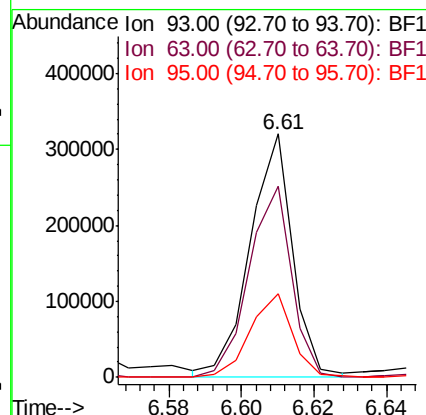
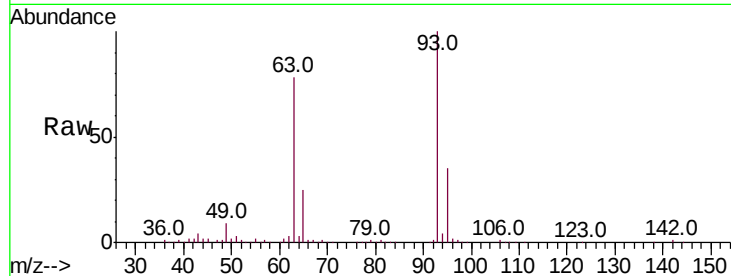




#11
bis(2-Chloroethyl)ether
Concen: 38.212 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

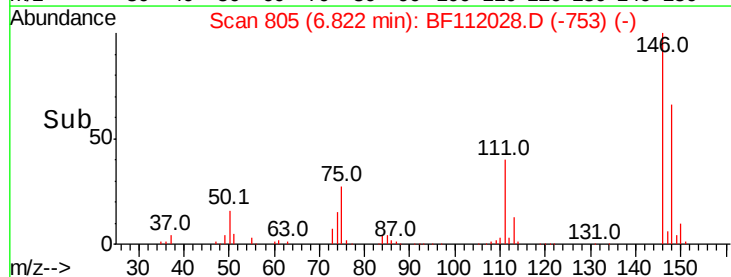
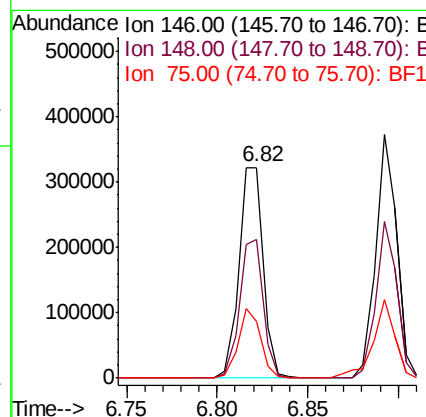
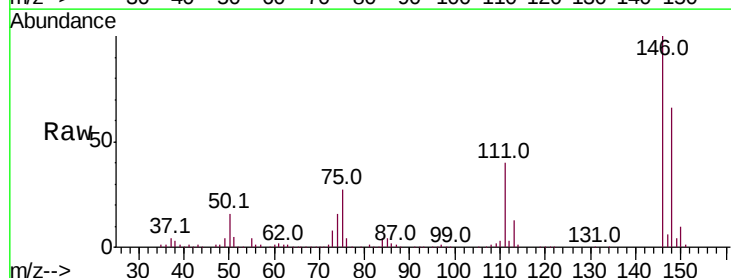
Instrument :
BNA_F
ClientSampleId :

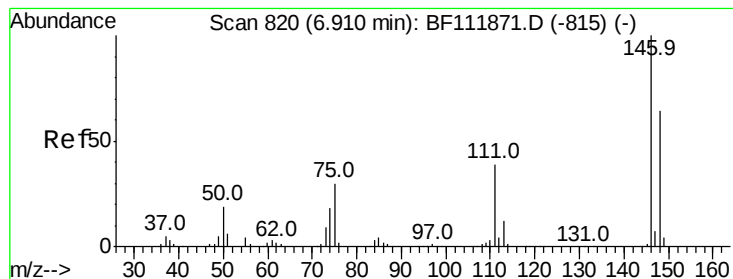
Tot Ion: 93 Resp: 260366
Ion Ratio Lower Upper
93 100
63 78.4 65.2 105.2
95 34.5 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 37.101 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion: 146 Resp: 300271
Ion Ratio Lower Upper
146 100
148 65.8 51.8 77.6
75 27.2 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 36.961 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampled :

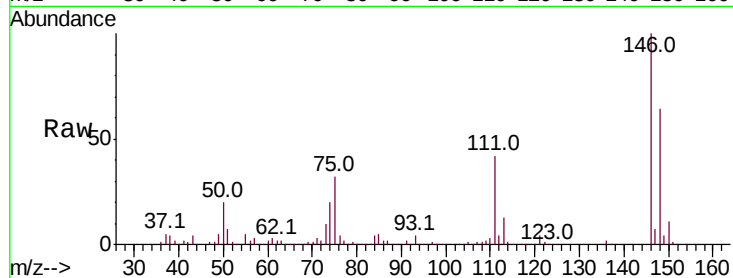
Tot Ion:146 Resp: 303554

Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

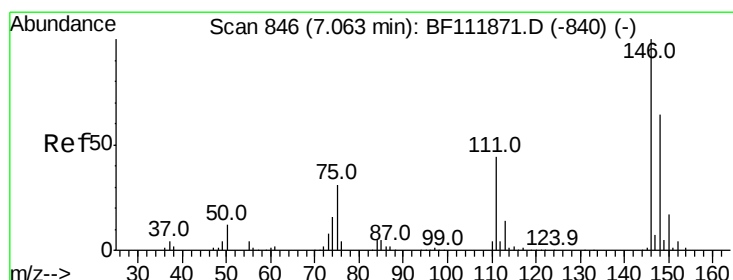
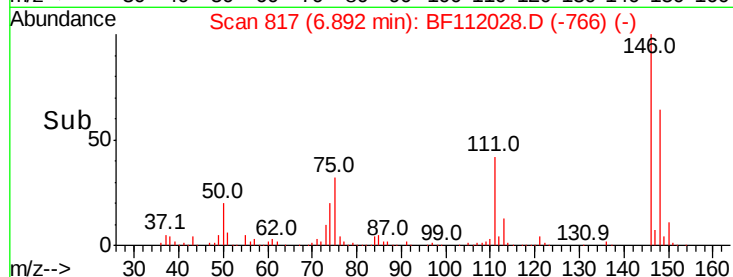
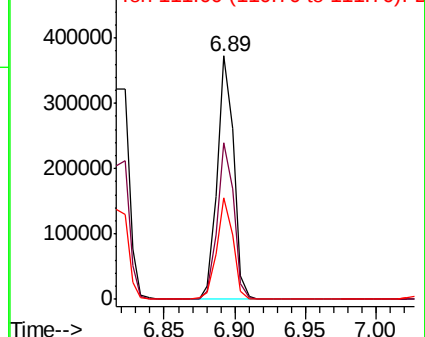
111 42.0 31.5 47.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.311 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

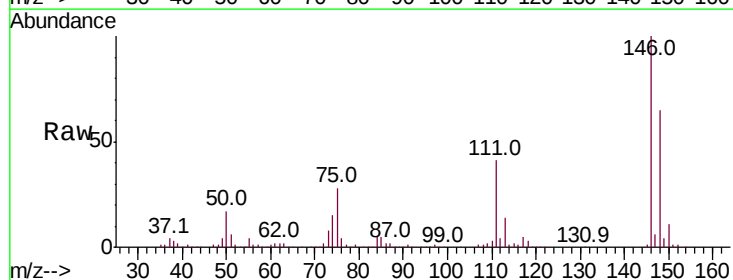
Tgt Ion:146 Resp: 285069

Ion Ratio Lower Upper

146 100

148 65.4 51.5 77.3

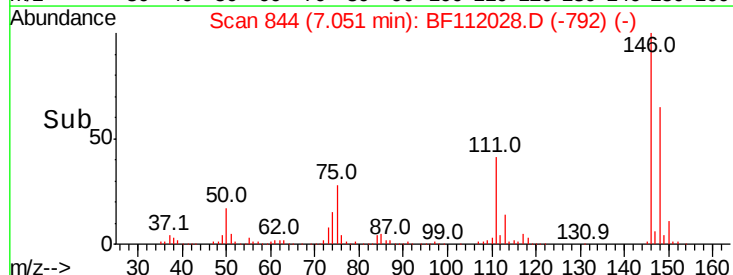
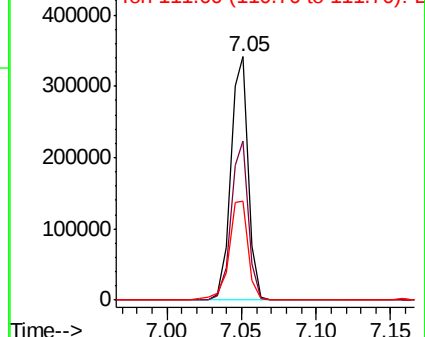
111 40.6 35.5 53.3

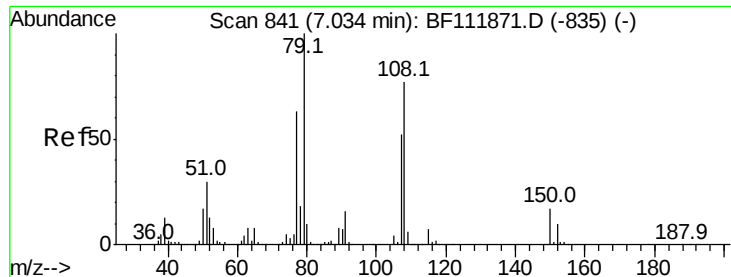


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.857 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampled :

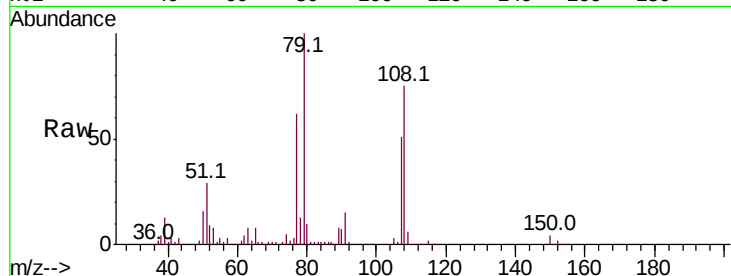
Tot Ion: 79 Resp: 242727

Ion Ratio Lower Upper

79 100

108 74.7 61.4 92.0

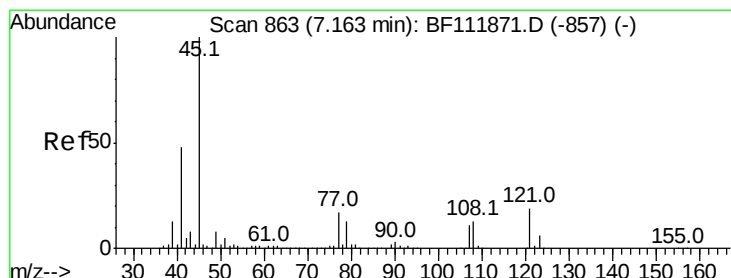
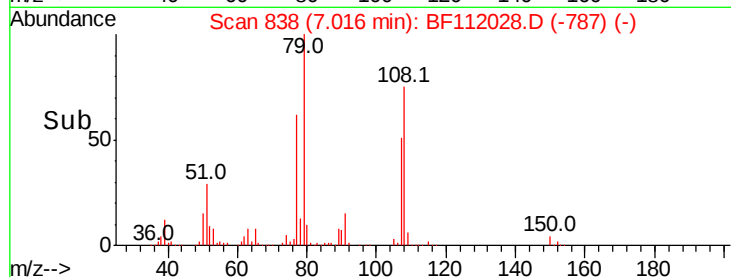
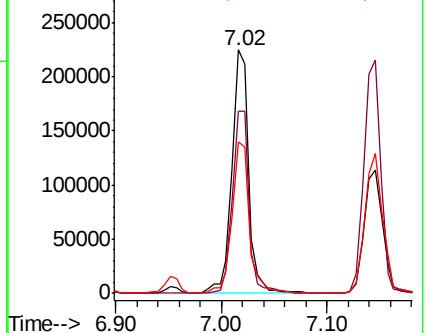
77 62.0 50.4 75.6



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: 33.188 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

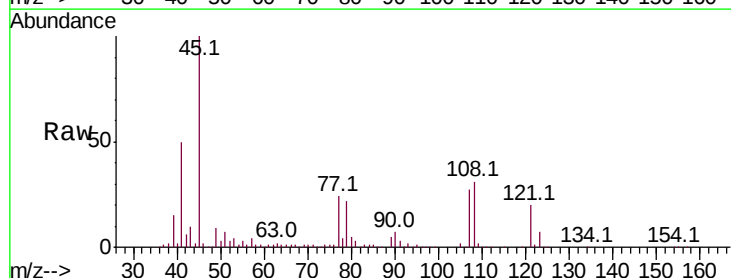
Tgt Ion: 45 Resp: 385553

Ion Ratio Lower Upper

45 100

77 24.3 0.0 37.1

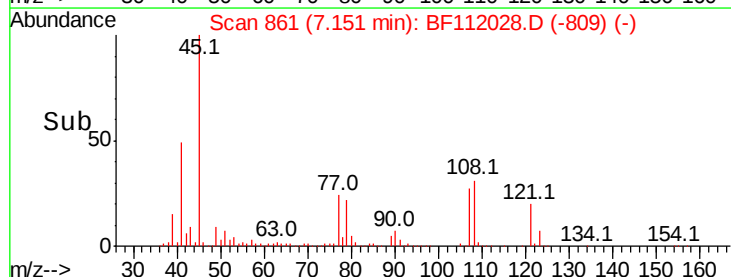
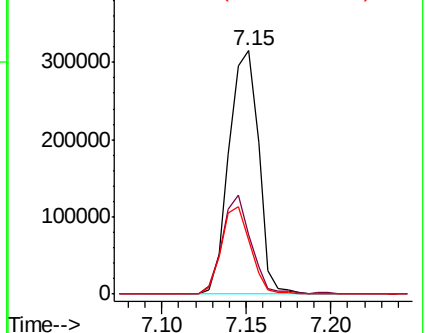
79 22.1 0.0 33.9

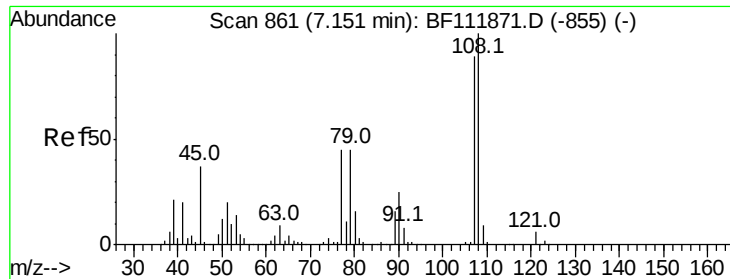


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 37.570 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 210805

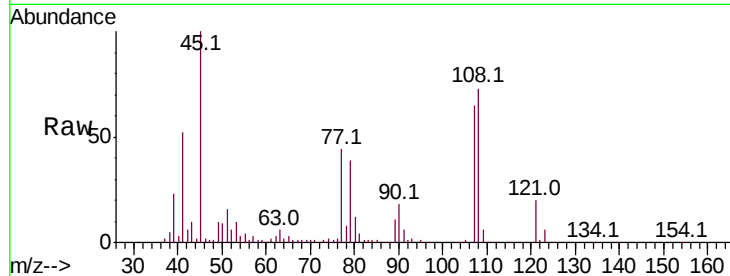
Ion Ratio Lower Upper

107 100

108 112.6 89.7 134.5

77 67.3 40.6 60.8#

79 59.6 40.2 60.2

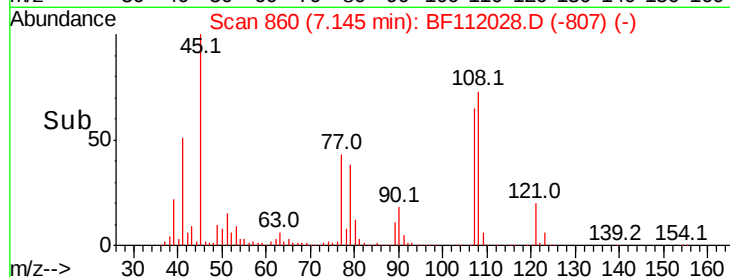


Abundance Ion 107.00 (106.70 to 107.70): E

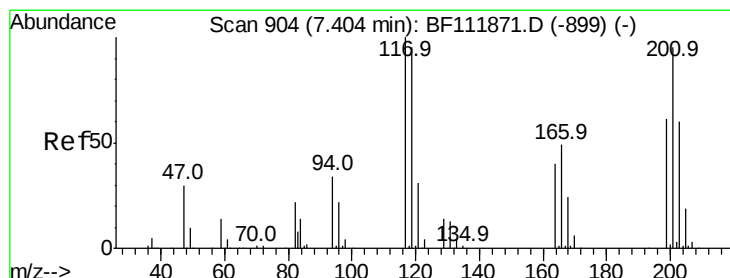
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 25.755 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

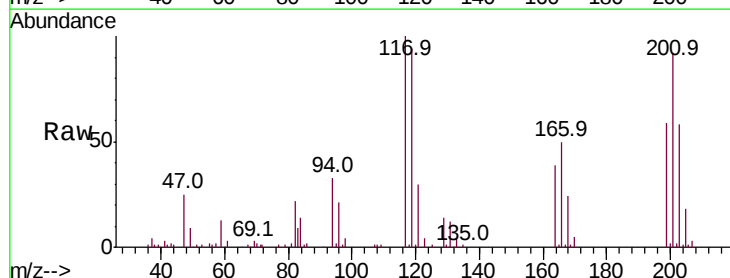
Tgt Ion:117 Resp: 73854

Ion Ratio Lower Upper

117 100

119 93.7 76.2 114.2

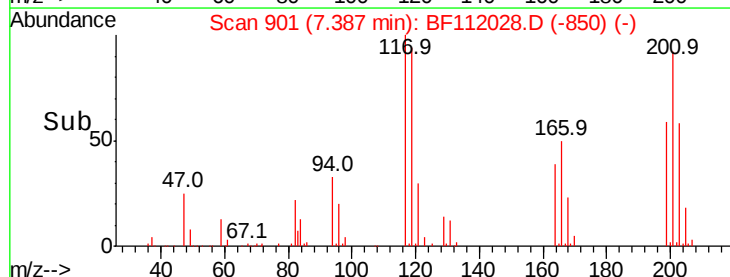
201 92.5 75.7 113.5



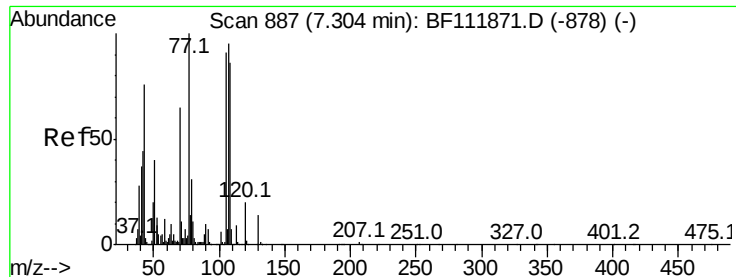
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



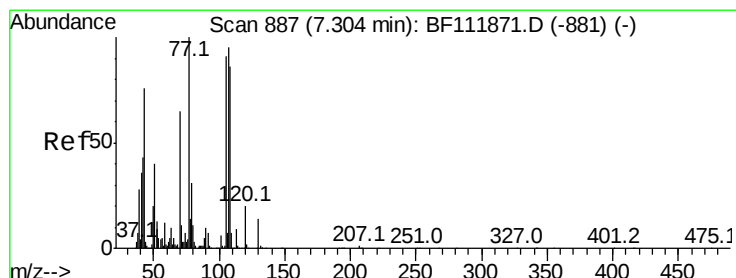
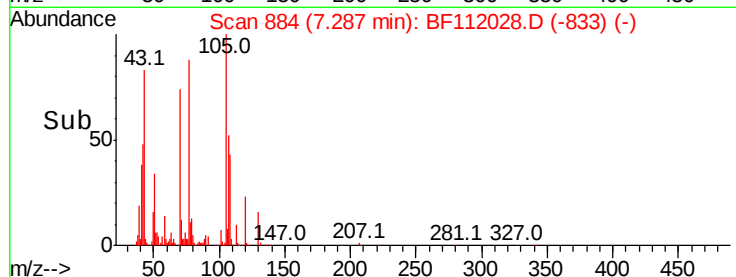
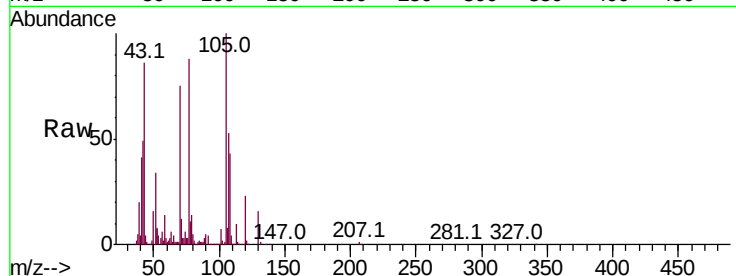
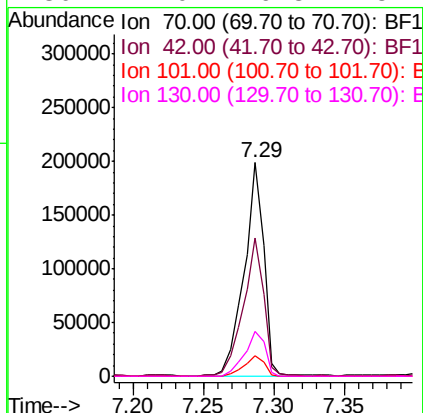
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 36.408 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

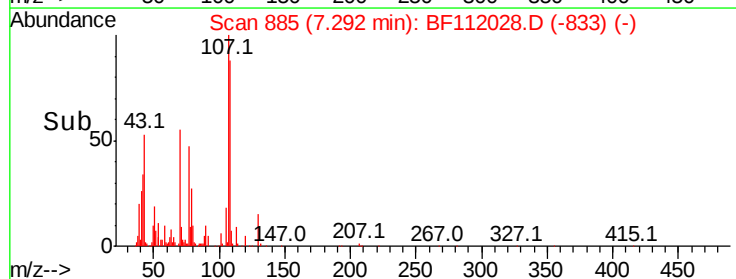
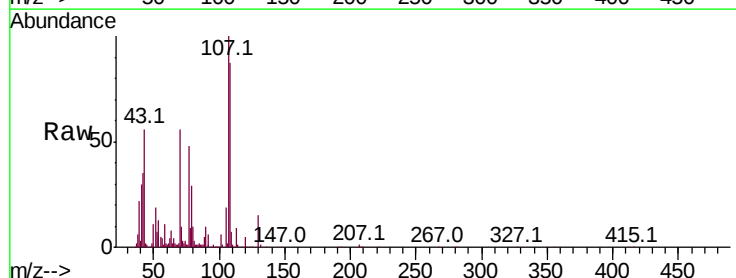
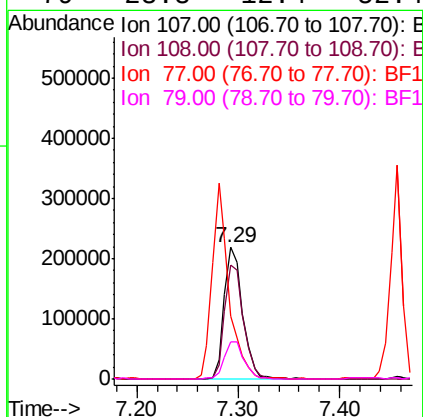
Instrument :
BNA_F
ClientSampleId :

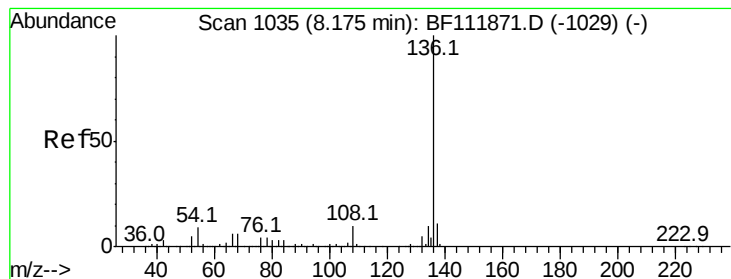
Tot Ion:	70	Resp:	191696
Ion	Ratio	Lower	Upper
70	100		
42	64.9	53.6	80.4
101	9.4	7.3	10.9
130	21.0	16.8	25.2



#20
3+4-Methylphenols
Concen: 39.944 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion:	107	Resp:	278934
Ion	Ratio	Lower	Upper
107	100		
108	87.3	71.1	111.1
77	47.7	85.4	125.4#
79	28.8	12.4	52.4

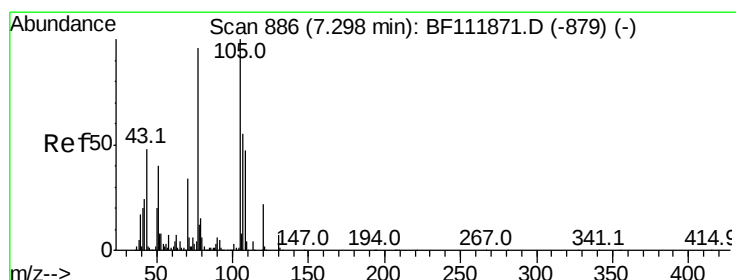
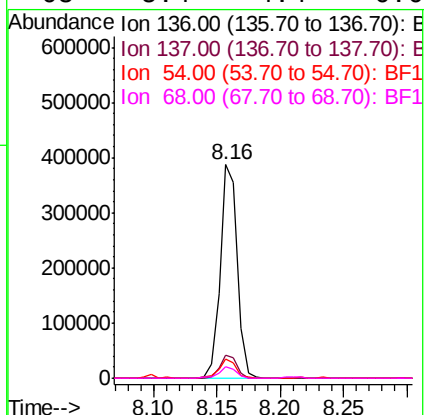
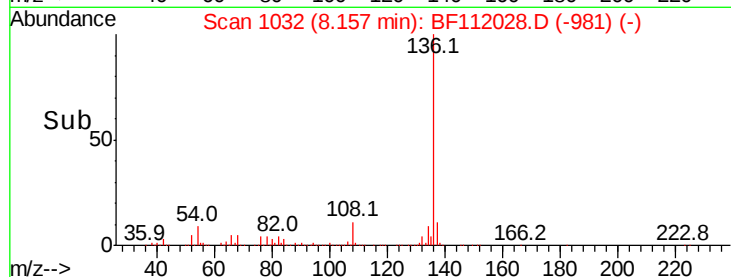
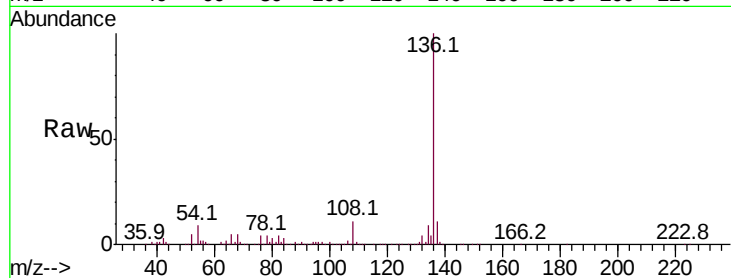




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

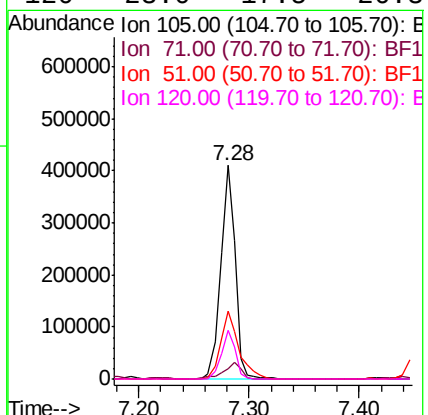
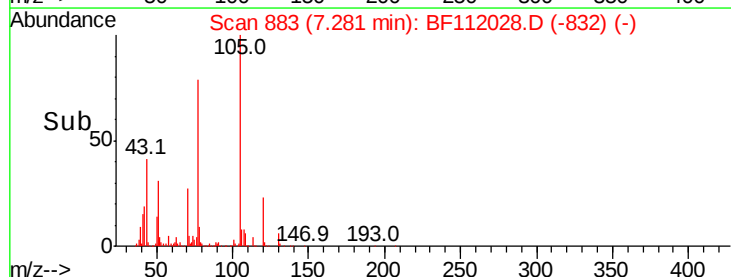
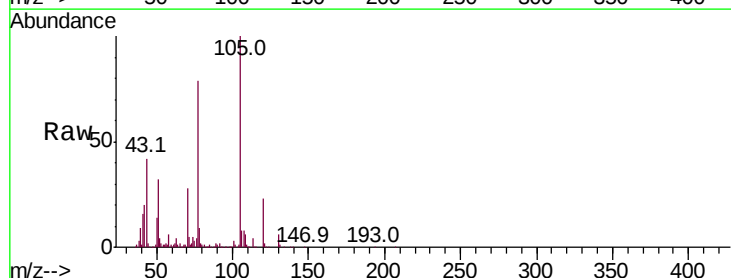
Instrument :
BNA_F
ClientSampleId :

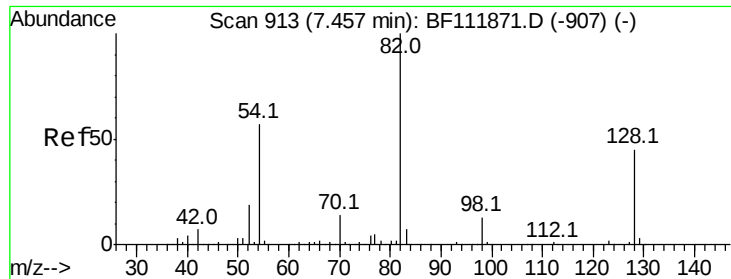
Tot Ion:136	Resp:	364868
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.1 13.7
54	8.7	7.2 10.8
68	5.4	4.4 6.6



#22
Acetophenone
Concen: 40.692 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion:105	Resp:	375881
Ion Ratio	Lower	Upper
105	100	
71	5.1	4.6 6.8
51	31.6	32.2 48.2#
120	23.0	17.5 26.3

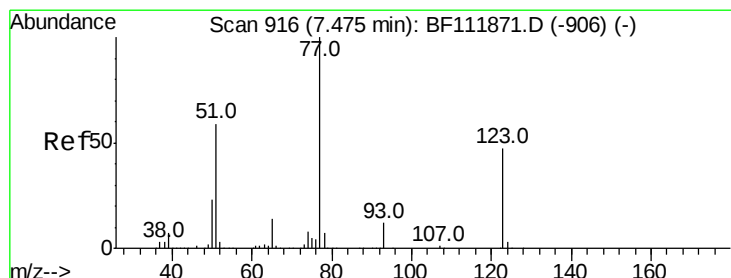
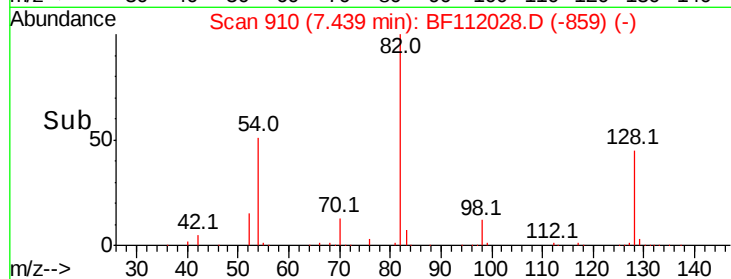
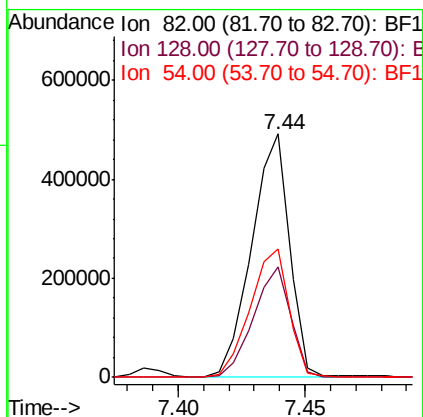
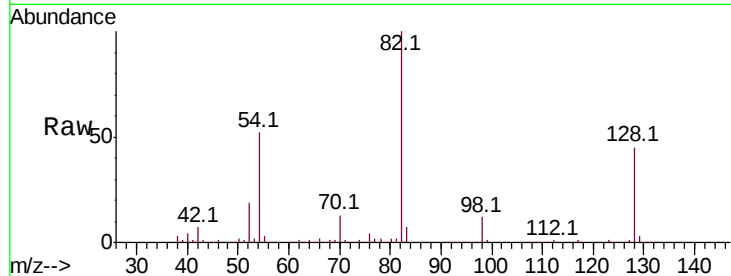




#23
 Nitrobenzene-d5
 Concen: 74.678 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

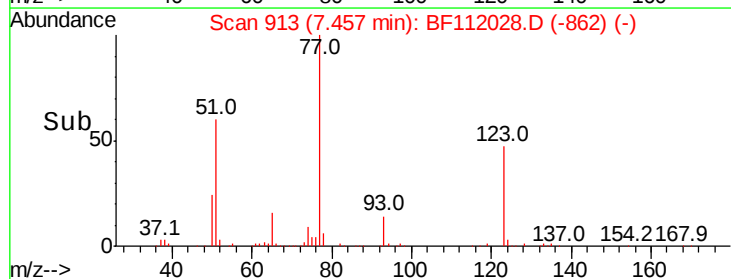
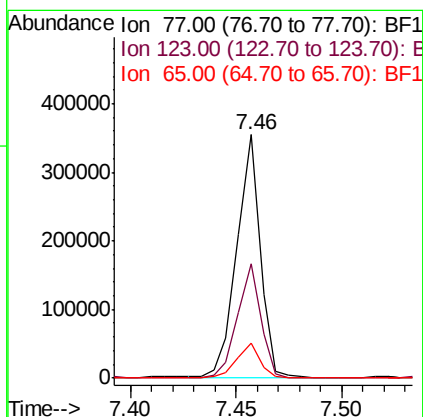
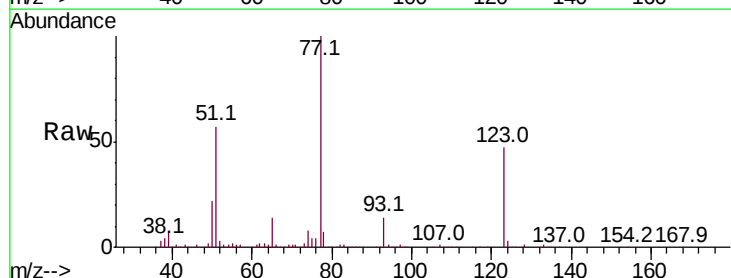
Instrument :
 BNA_F
 ClientSampleId :

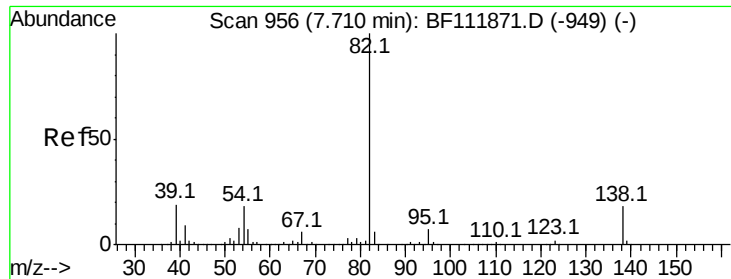
Tot Ion	82	Resp	509821
Ion Ratio	Lower	Upper	
82	100		
128	45.3	35.7	53.5
54	52.5	45.8	68.8



#24
 Nitrobenzene
 Concen: 39.298 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Tgt Ion	77	Resp	271395
Ion Ratio	Lower	Upper	
77	100		
123	46.9	38.1	57.1
65	14.4	11.0	16.4





#25

Isophorone

Concen: 44.284 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

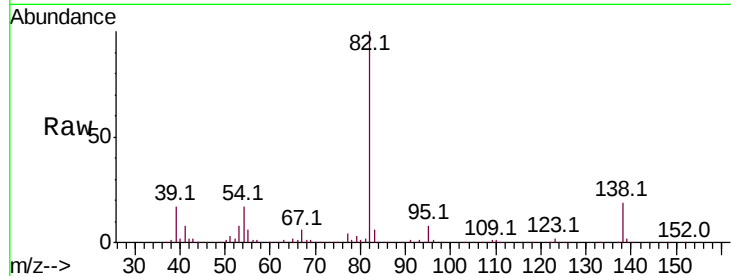
Tot Ion: 82 Resp: 489558

Ion Ratio Lower Upper

82 100

95 7.7 5.8 8.6

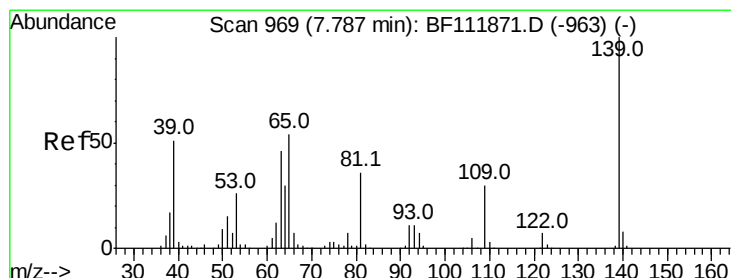
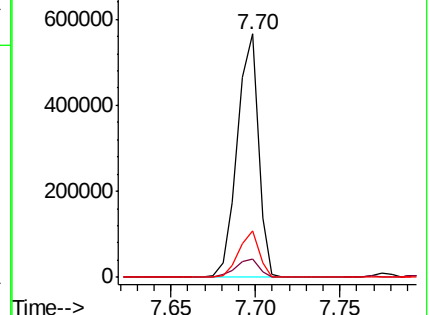
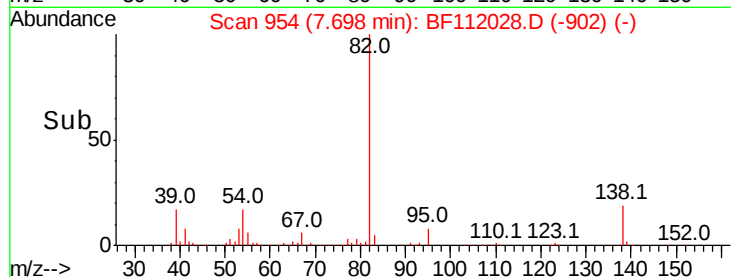
138 19.0 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 36.076 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

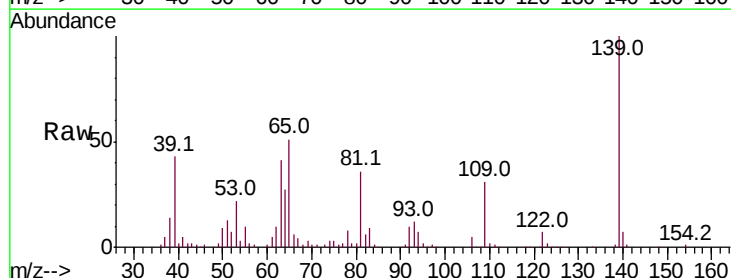
Tgt Ion: 139 Resp: 122672

Ion Ratio Lower Upper

139 100

109 31.1 24.1 36.1

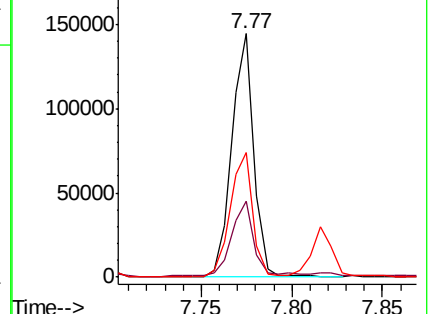
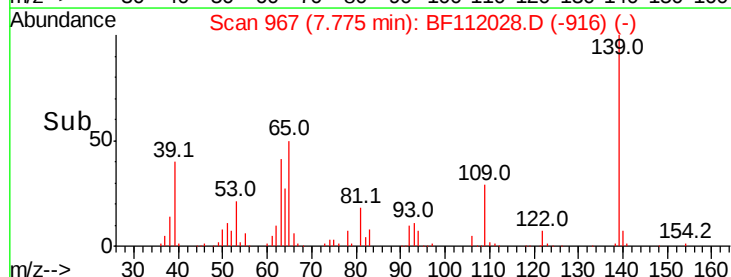
65 51.1 43.6 65.4

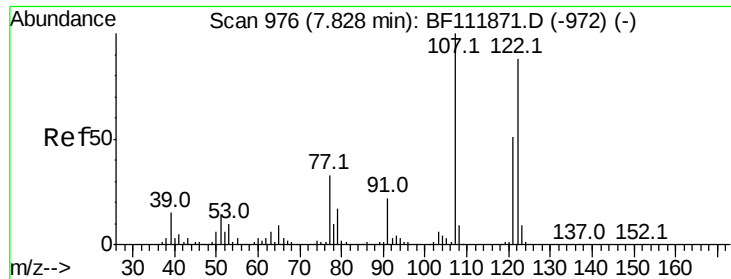


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 46.094 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

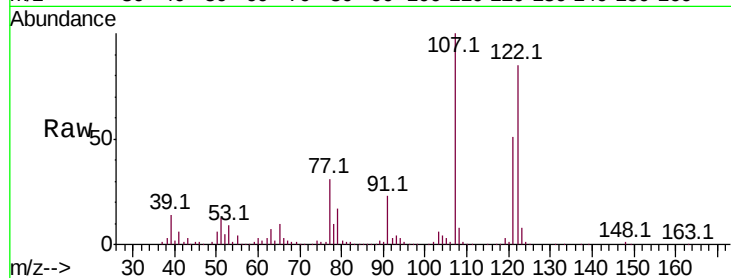
Tot Ion:122 Resp: 226625

Ion Ratio Lower Upper

122 100

107 117.7 91.0 136.6

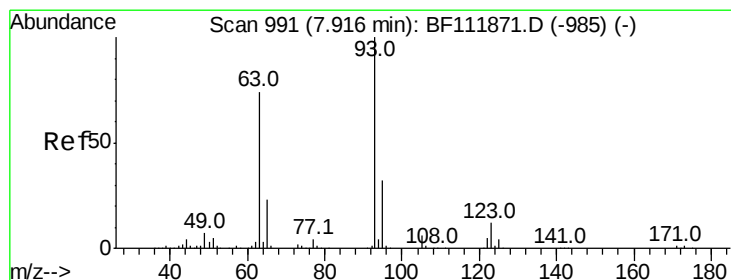
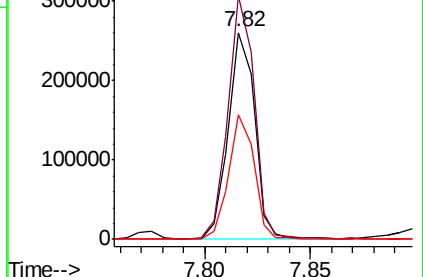
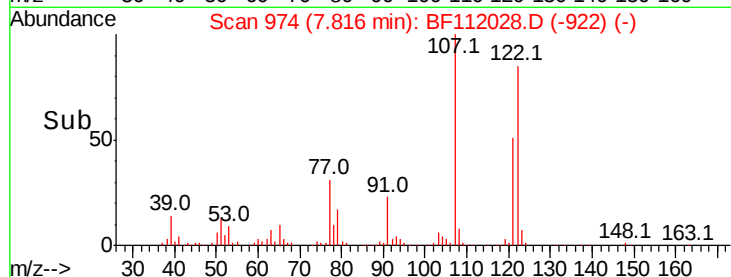
121 60.3 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.890 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

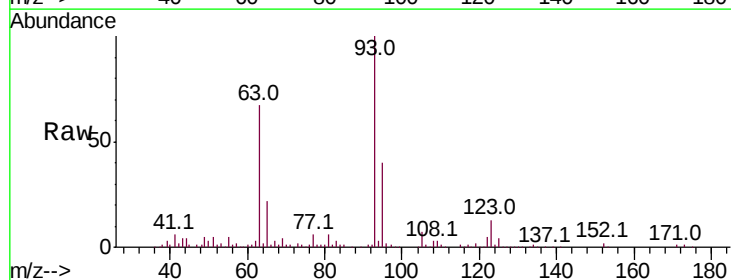
Tgt Ion: 93 Resp: 309106

Ion Ratio Lower Upper

93 100

95 39.9 25.8 38.6#

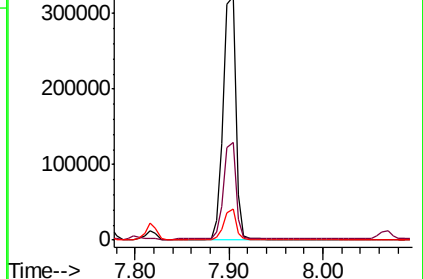
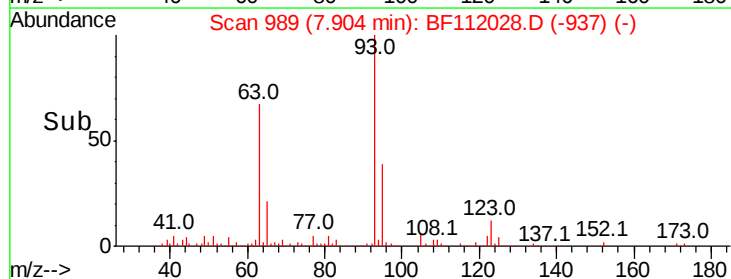
123 12.5 9.5 14.3

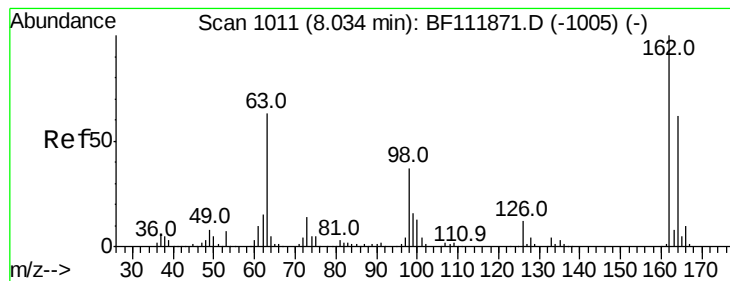


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.601 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

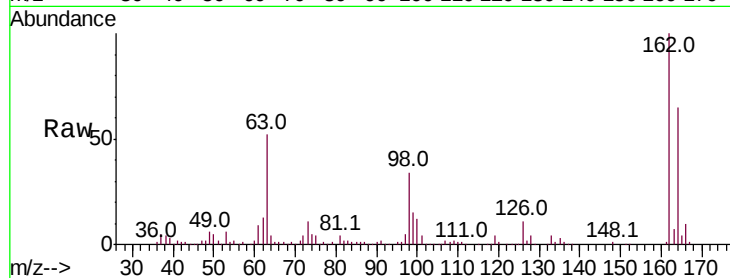
Tot Ion:162 Resp: 218233

Ion Ratio Lower Upper

162 100

164 65.0 42.1 82.1

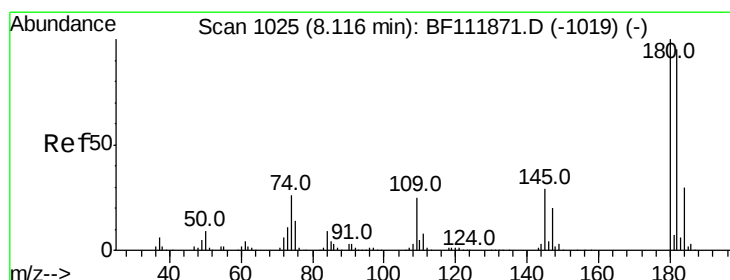
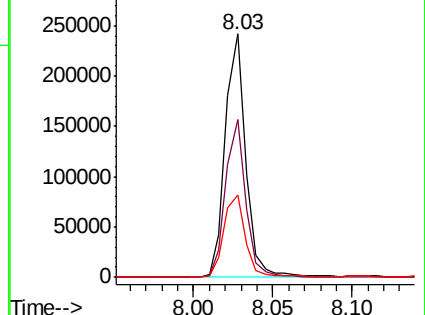
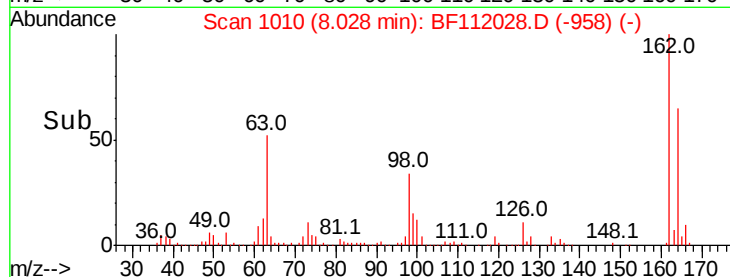
98 34.0 17.2 57.2



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: 37.773 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

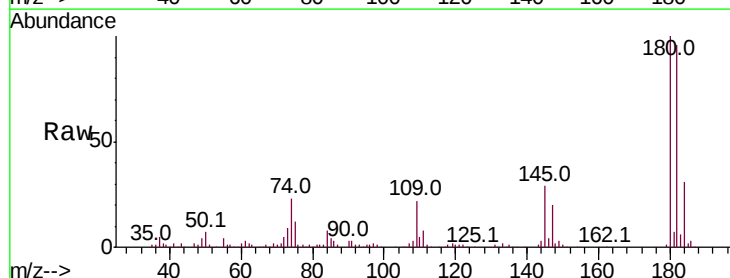
Tgt Ion:180 Resp: 235588

Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.4

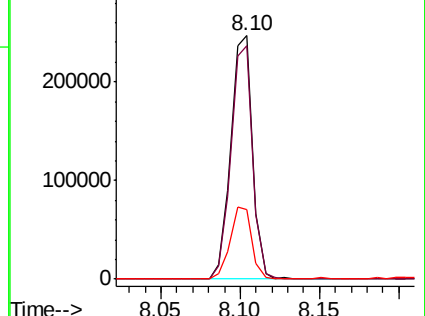
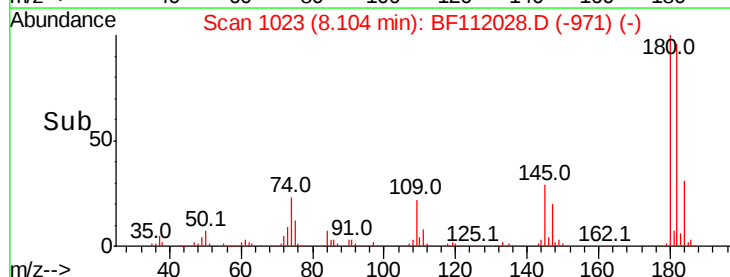
145 28.8 23.4 35.2

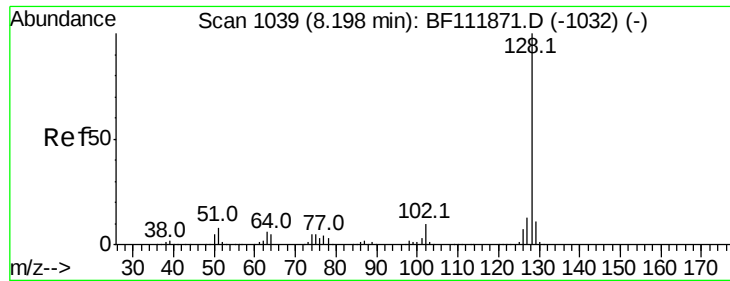


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

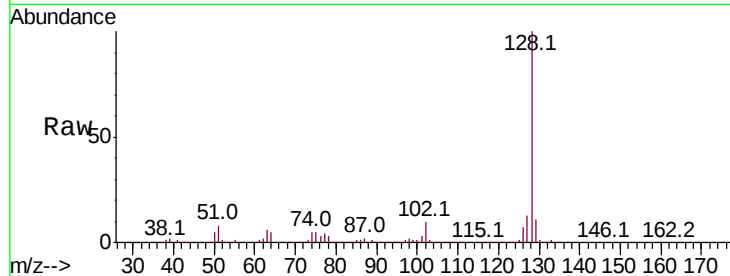




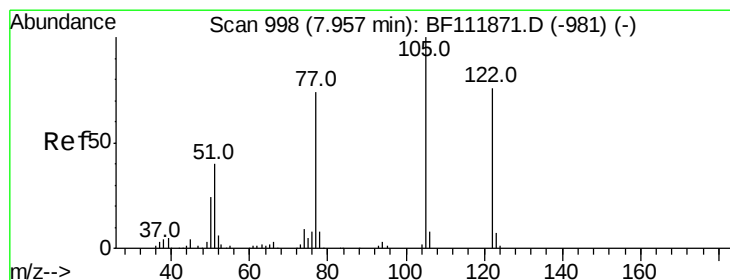
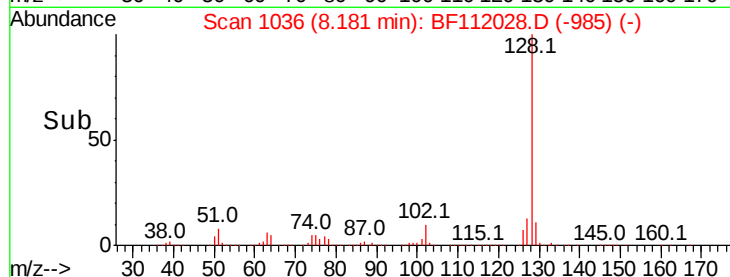
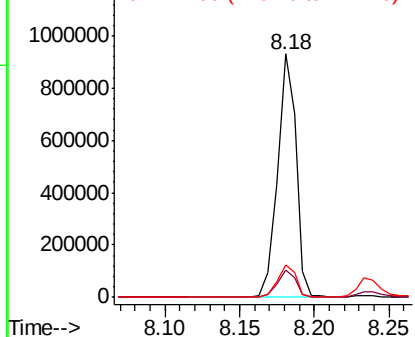
#31
Naphthalene
Concen: 46.766 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 810002
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.1 10.7 16.1

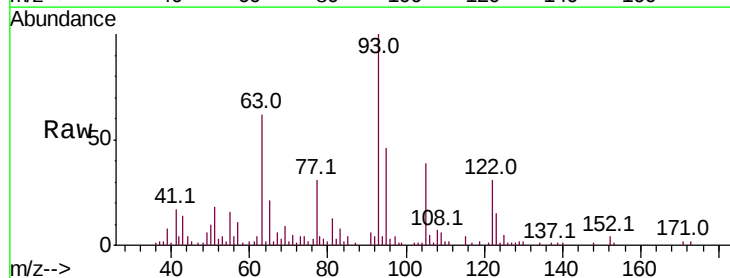


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

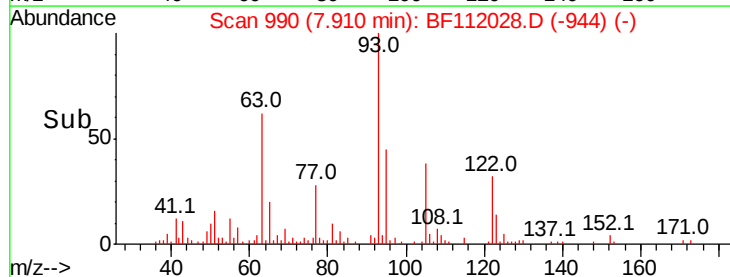
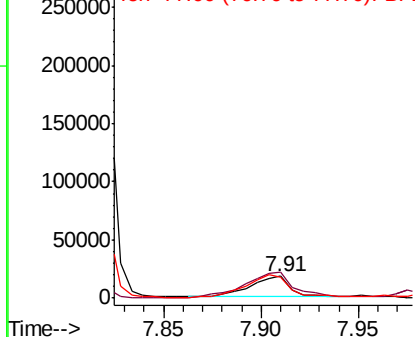


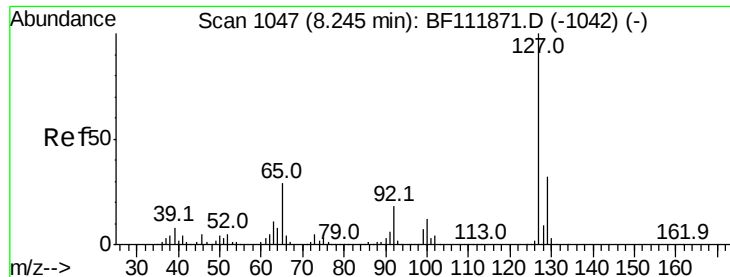
#32
Benzoic acid
Concen: 7.985 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion:122 Resp: 25478
Ion Ratio Lower Upper
122 100
105 122.8 107.9 147.9
77 99.3 76.6 116.6



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

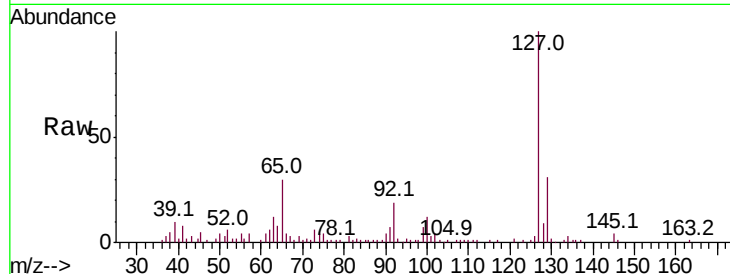




#33
4-Chloroaniline
Concen: 11.452 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	85742
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.6
65	30.4	23.5	35.3
92	19.3	14.2	21.2



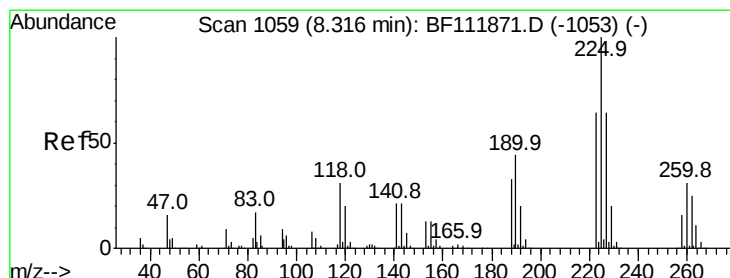
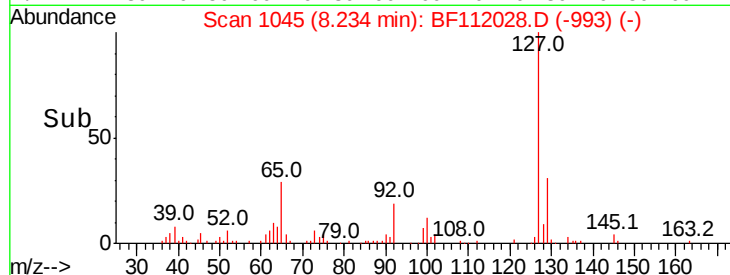
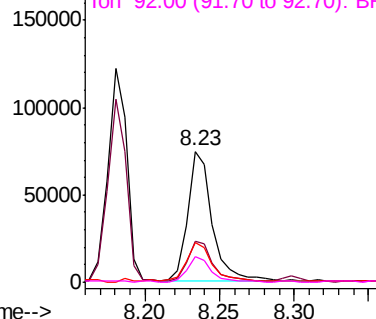
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

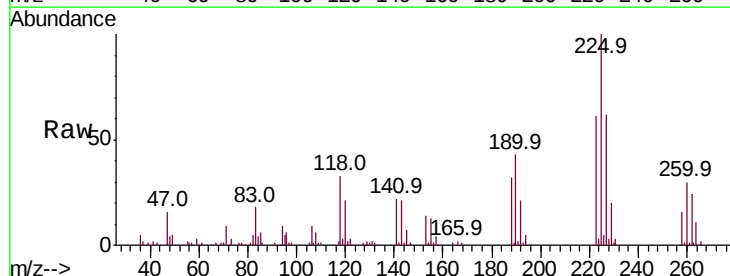
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 37.560 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion:	225	Resp:	145833
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.9	76.3
227	62.2	51.4	77.0

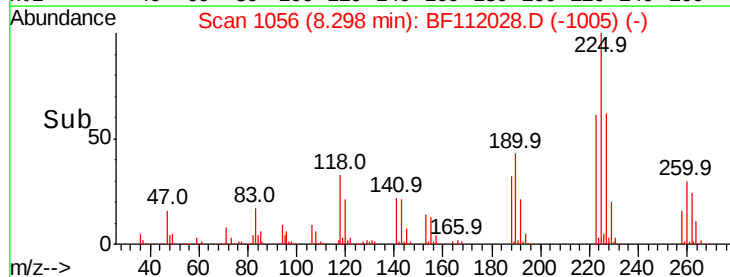
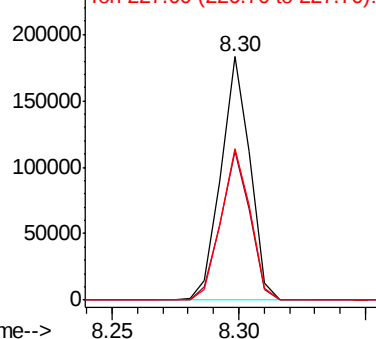


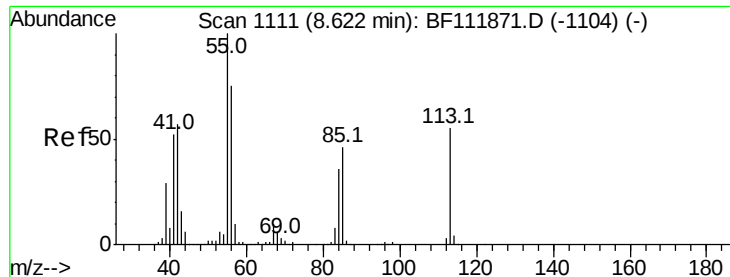
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.485 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampled :

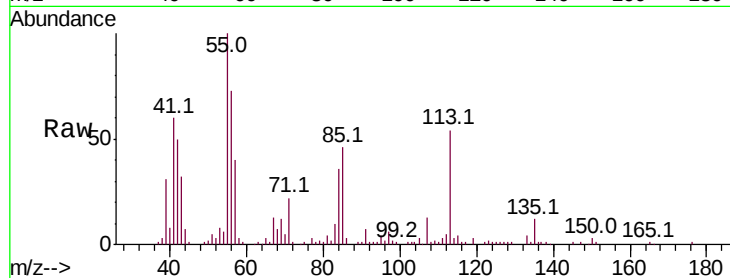
Tot Ion:113 Resp: 52616

Ion Ratio Lower Upper

113 100

55 184.9 162.0 202.0

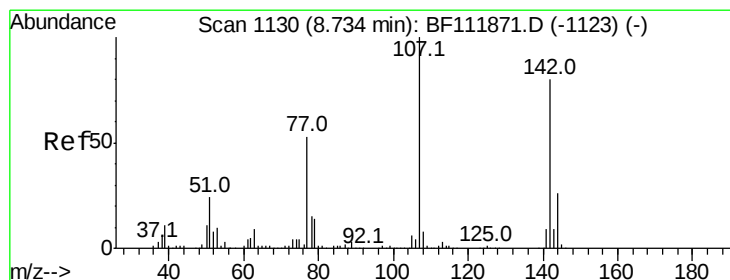
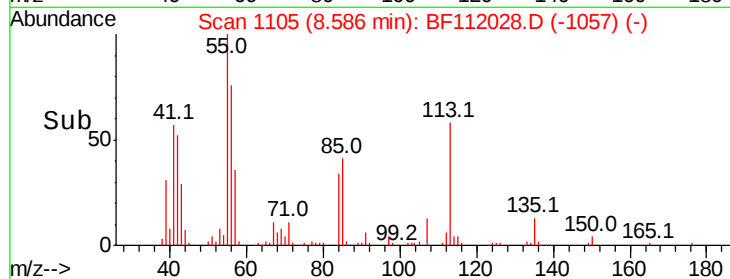
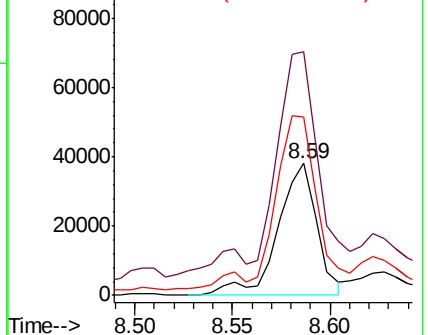
56 135.7 116.0 156.0



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: 35.936 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

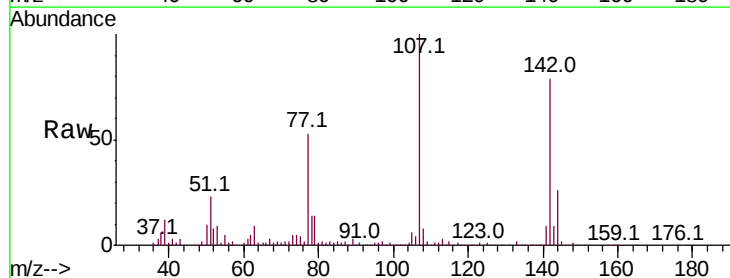
Tgt Ion:107 Resp: 202000

Ion Ratio Lower Upper

107 100

144 26.3 20.7 31.1

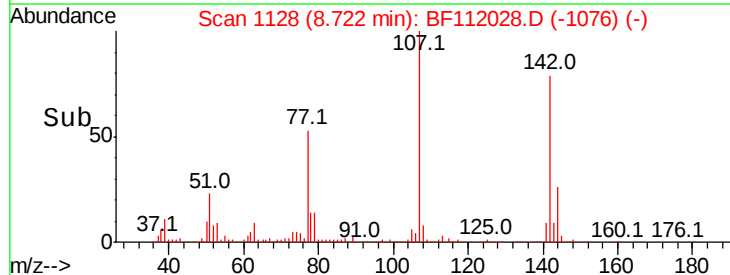
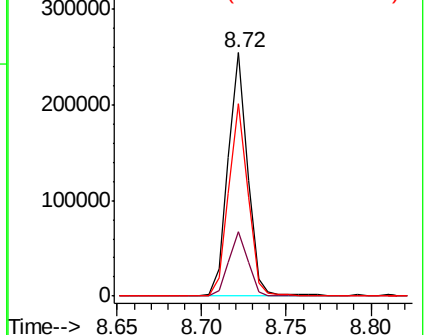
142 78.9 63.9 95.9

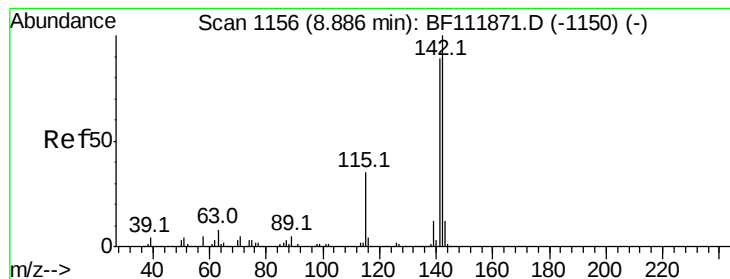


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.613 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

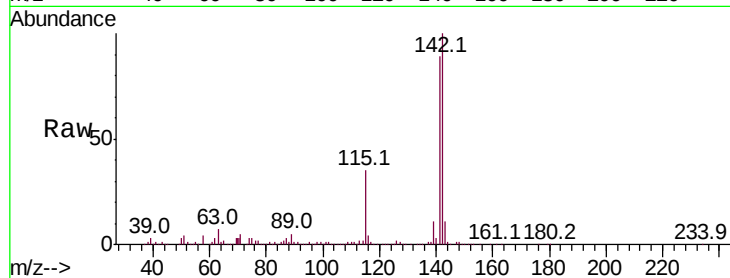
Tot Ion:142 Resp: 511001

Ion Ratio Lower Upper

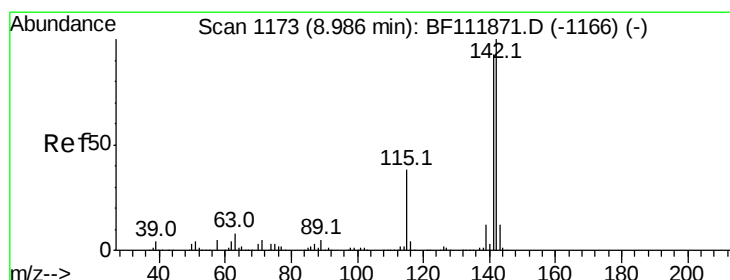
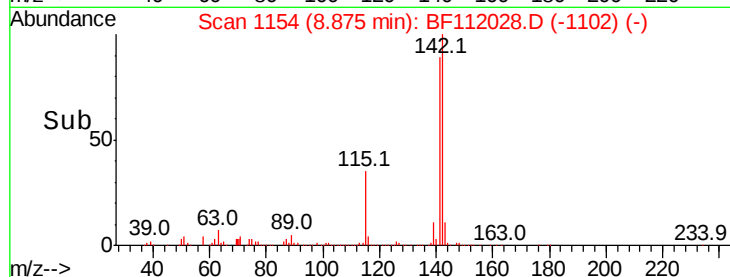
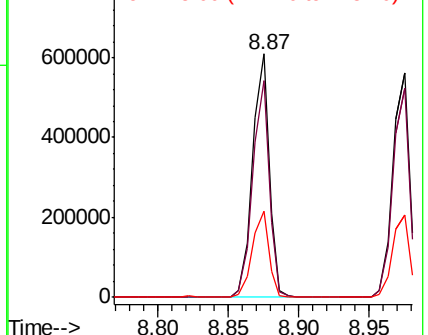
142 100

141 89.1 71.4 107.2

115 35.3 28.3 42.5



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: 46.015 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

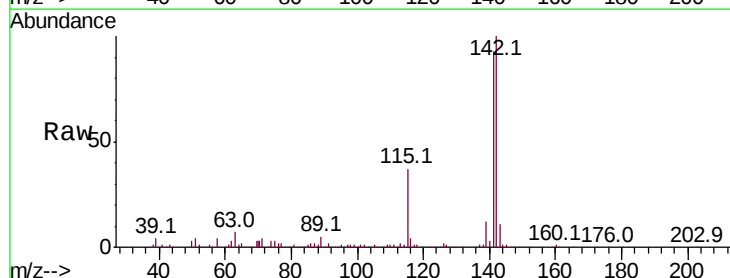
Tgt Ion:142 Resp: 473676

Ion Ratio Lower Upper

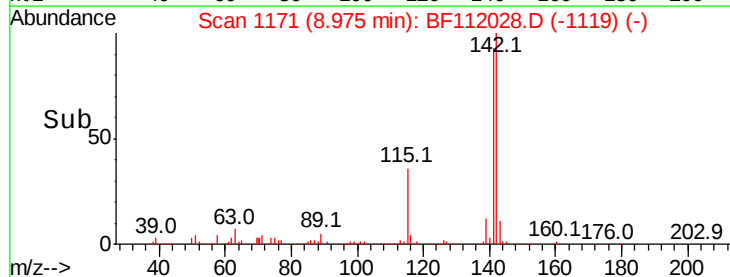
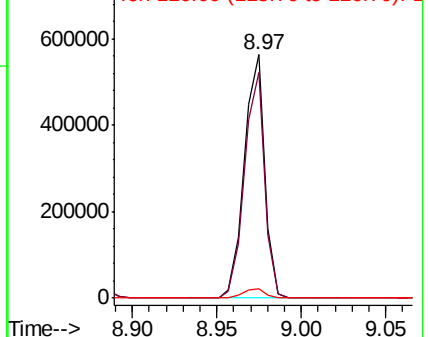
142 100

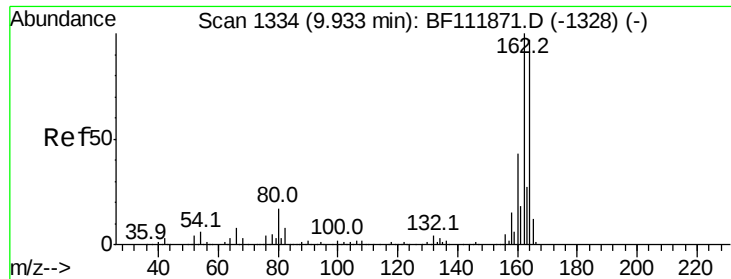
141 92.8 74.8 112.2

116 3.7 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

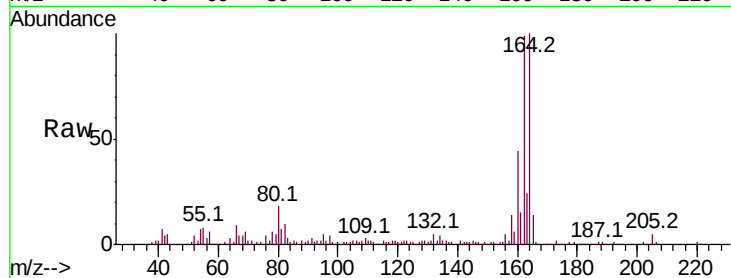




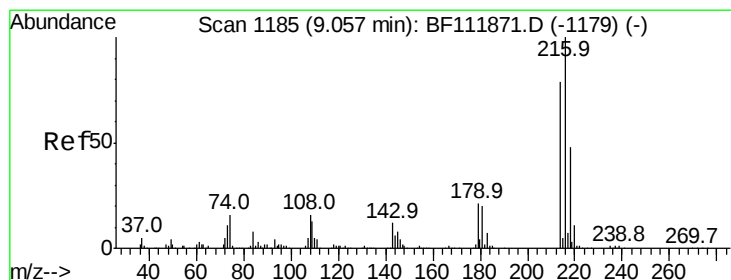
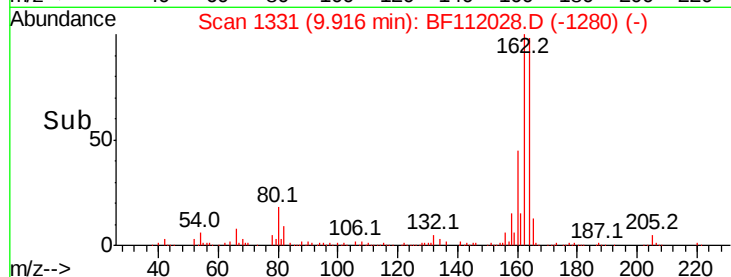
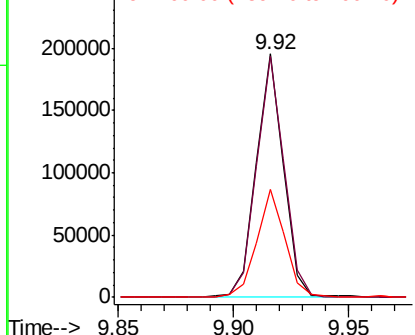
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 159773
 Ion Ratio Lower Upper
 164 100
 162 99.0 82.2 123.2
 160 44.3 35.5 53.3



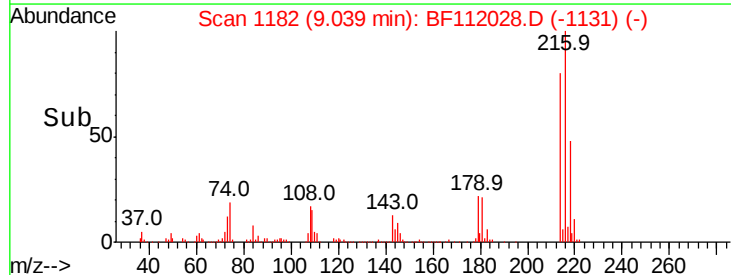
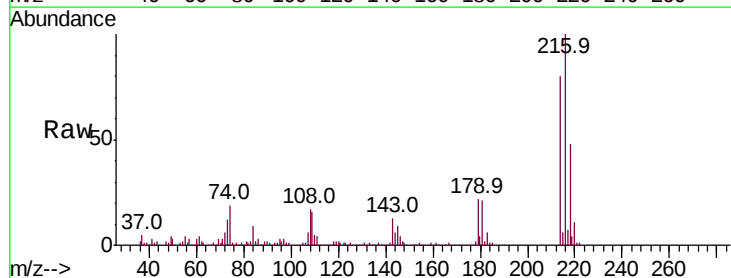
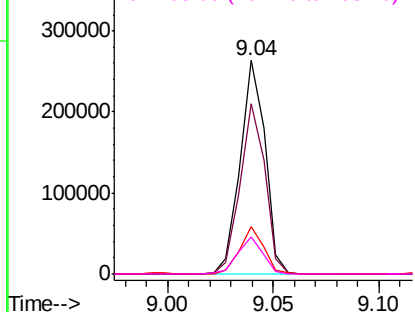
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

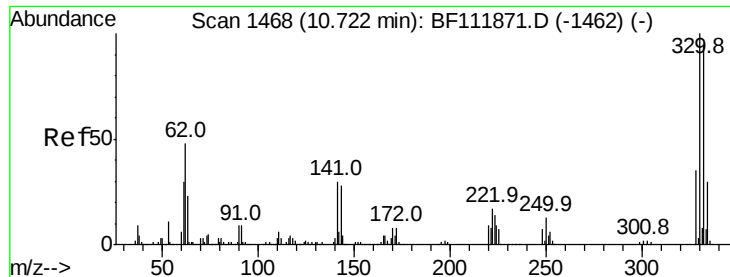


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.308 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Tgt Ion:216 Resp: 215499
 Ion Ratio Lower Upper
 216 100
 214 79.3 63.5 95.3
 179 21.0 17.0 25.6
 108 17.4 14.6 22.0

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





#42

2,4,6-Tribromophenol

Concen: 103.486 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

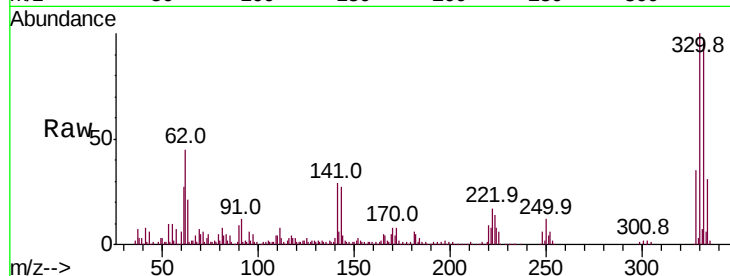
Tot Ion:330 Resp: 215060

Ion Ratio Lower Upper

330 100

332 97.9 76.9 115.3

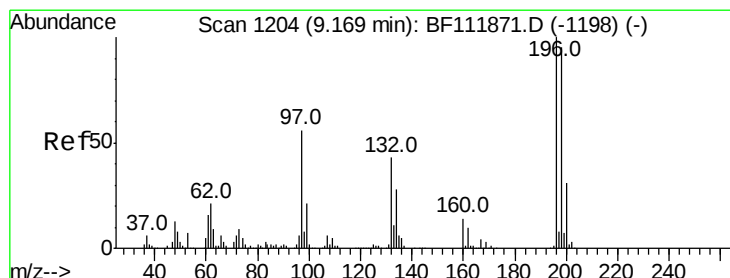
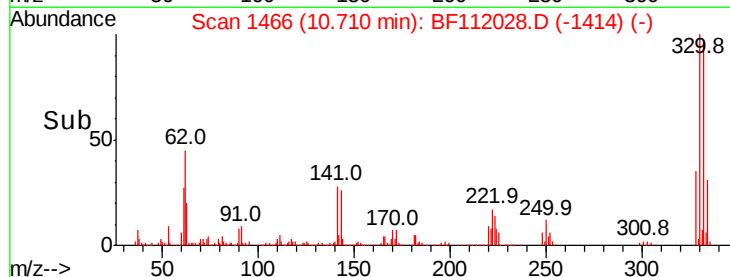
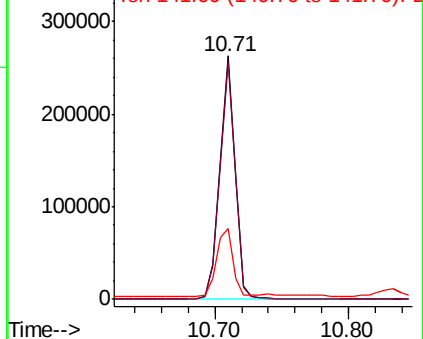
141 29.5 23.7 35.5



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: 41.116 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

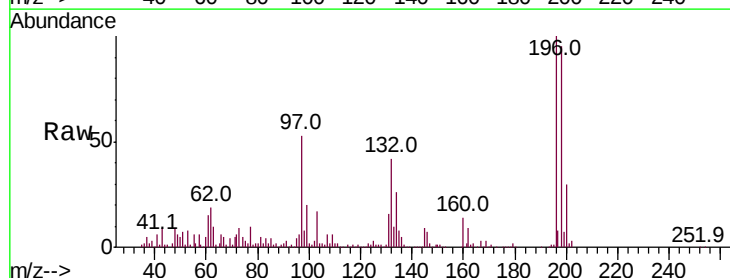
Tgt Ion:196 Resp: 142050

Ion Ratio Lower Upper

196 100

198 94.8 75.8 113.8

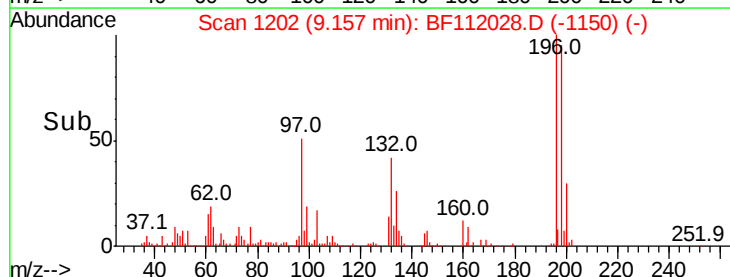
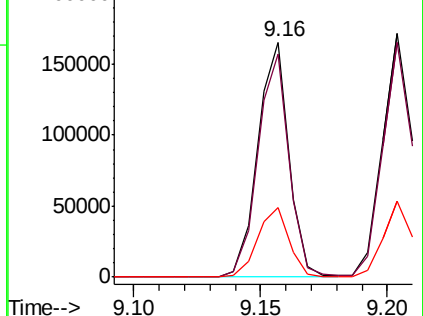
200 29.7 24.5 36.7

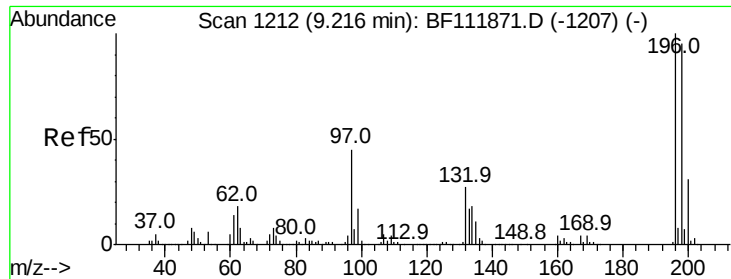


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

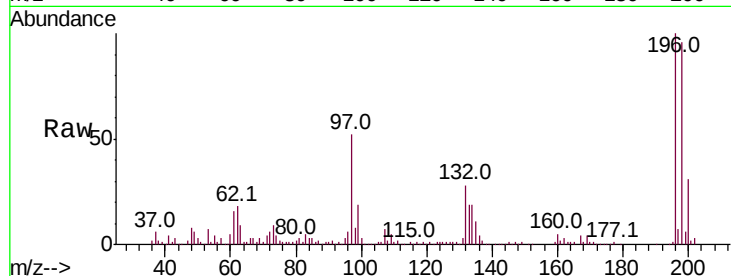




#44
 2,4,5-Trichlorophenol
 Concen: 39.571 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.2
97	51.7	36.4	54.6
132	28.0	21.7	32.5



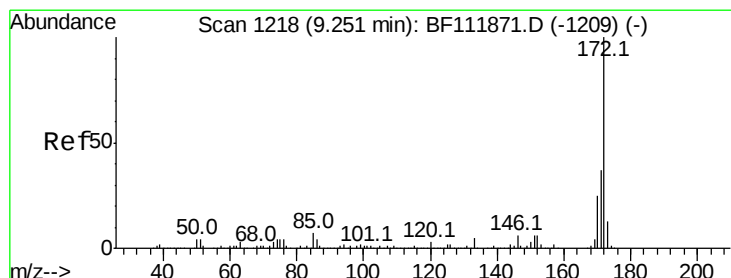
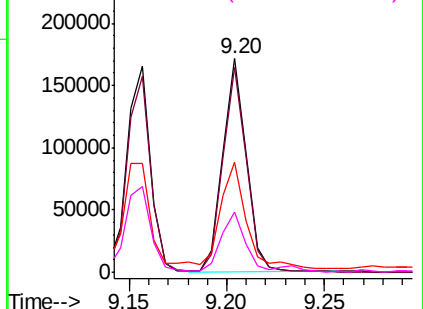
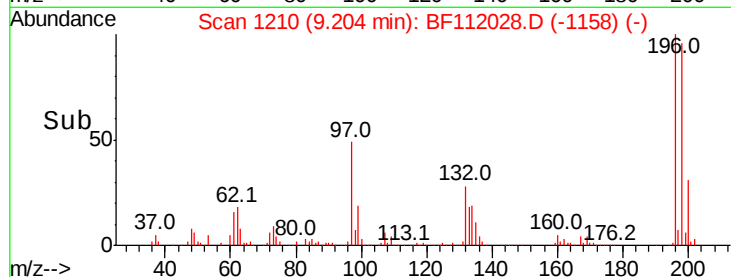
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

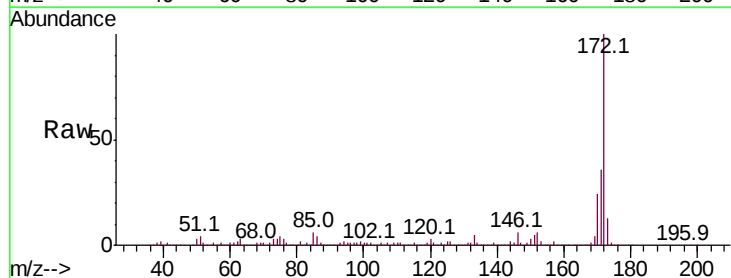
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.987 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.8	19.8	29.8

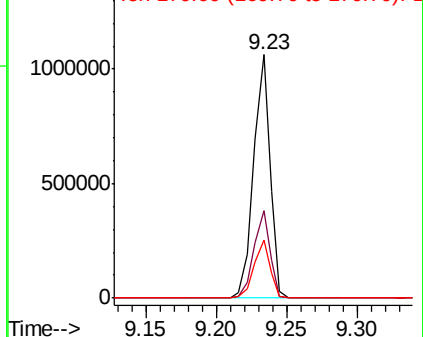
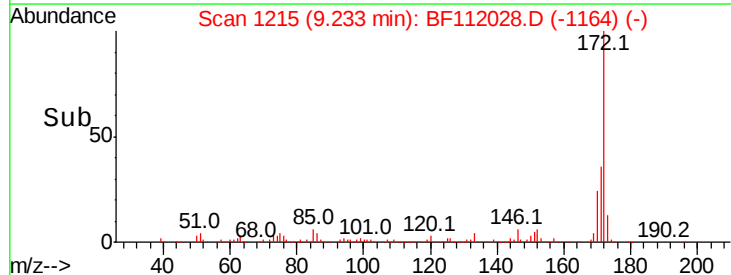


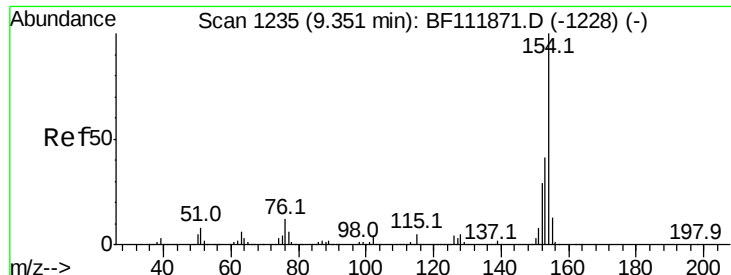
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

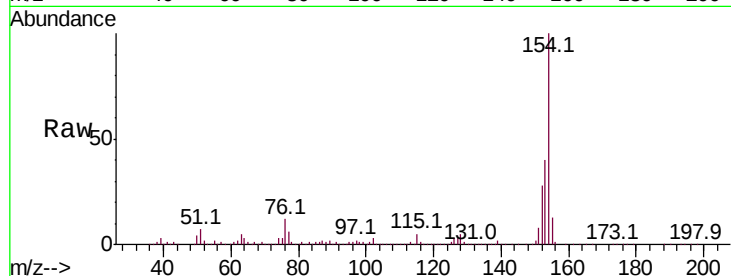




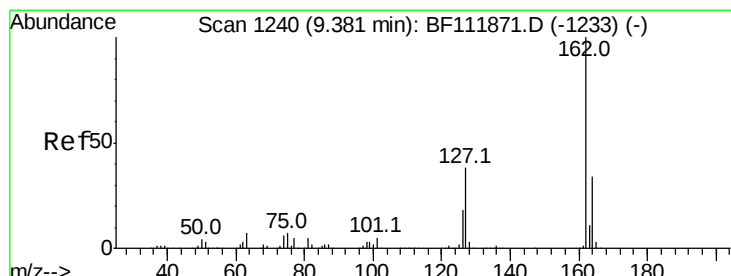
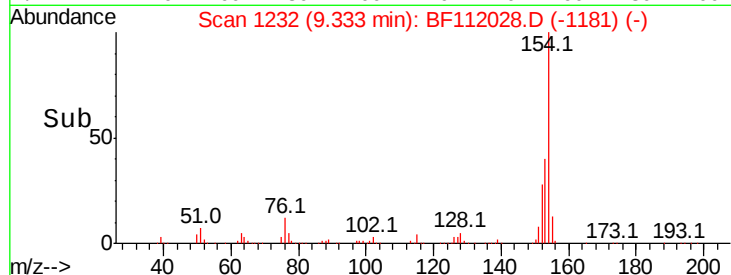
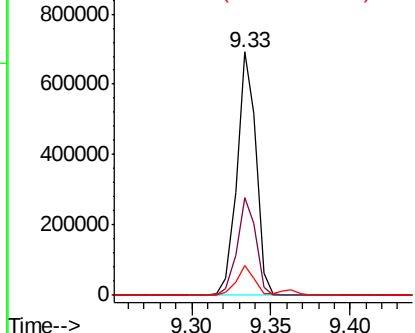
#46
 1,1'-Biphenyl
 Concen: 43.075 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.3	61.3
76	12.0	0.0	32.3

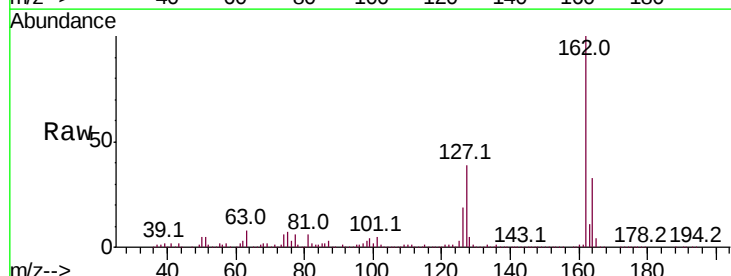


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

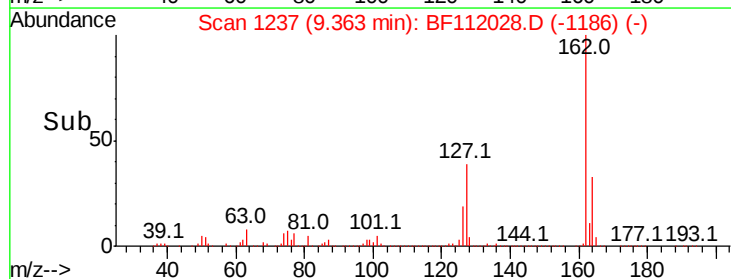
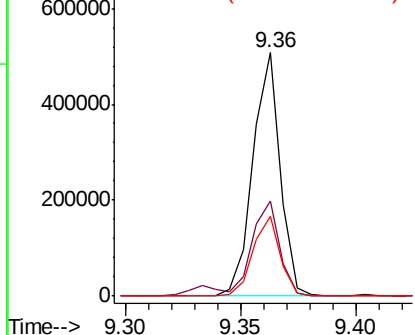


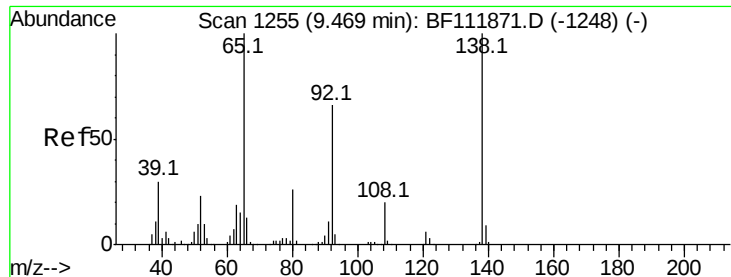
#47
 2-Chloronaphthalene
 Concen: 40.139 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.2	46.8
164	32.6	27.0	40.6



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

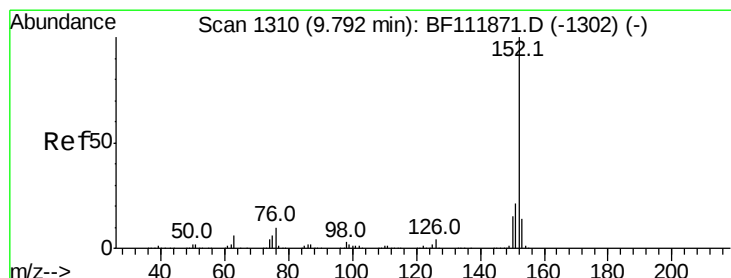
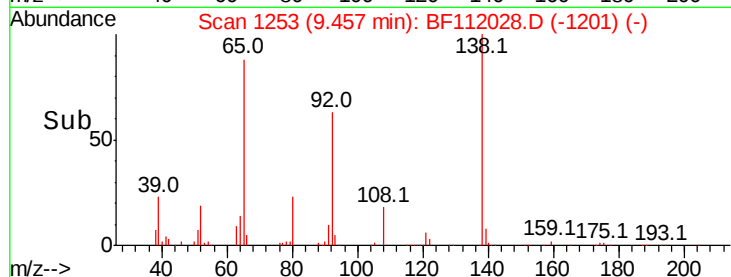
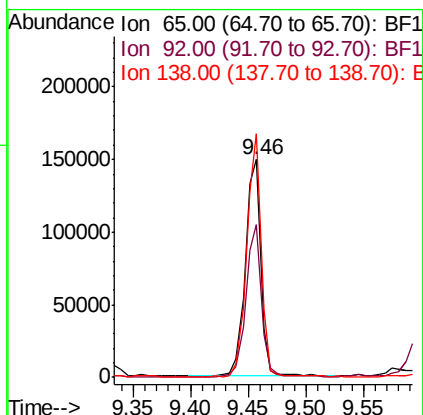
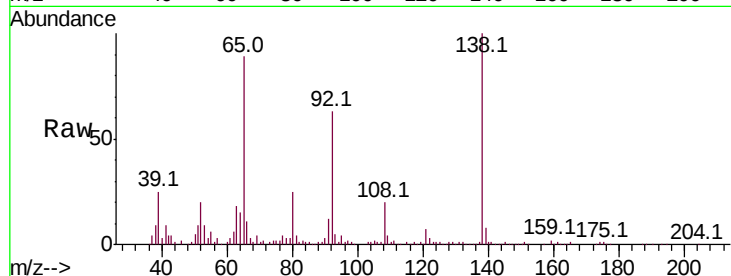




#48
2-Nitroaniline
Concen: 43.531 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

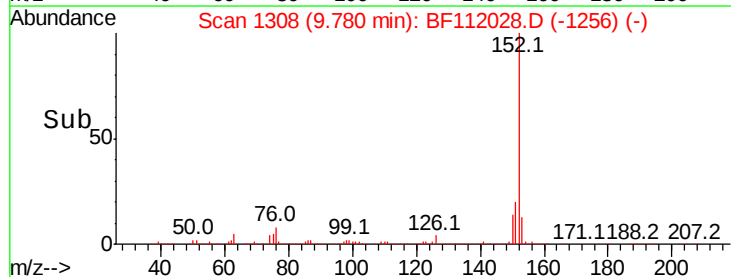
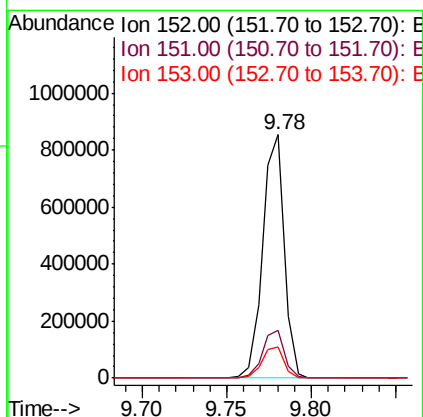
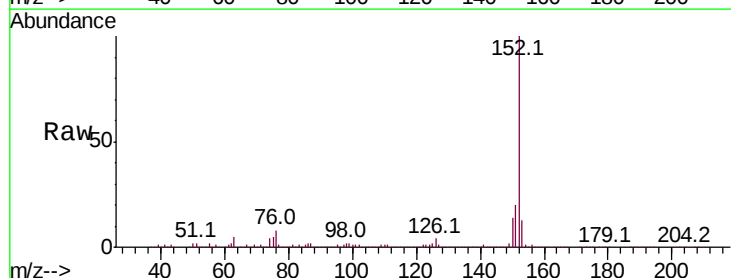
Instrument :
BNA_F
ClientSampleId :

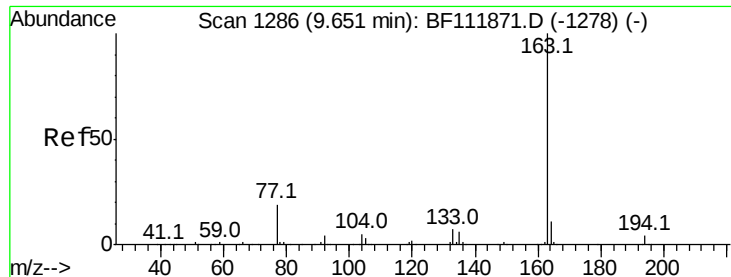
Tot Ion: 65 Resp: 139600
Ion Ratio Lower Upper
65 100
92 70.4 52.5 78.7
138 111.8 79.8 119.6



#49
Acenaphthylene
Concen: 48.738 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion: 152 Resp: 755792
Ion Ratio Lower Upper
152 100
151 19.7 16.6 25.0
153 13.0 11.0 16.4

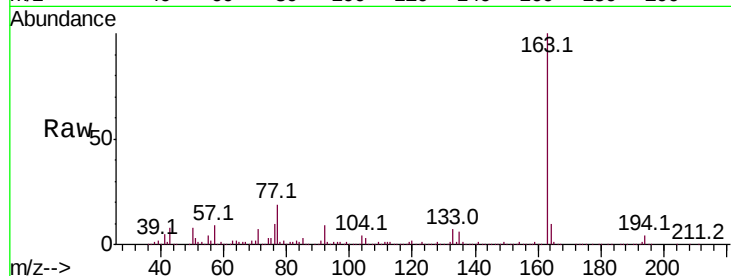




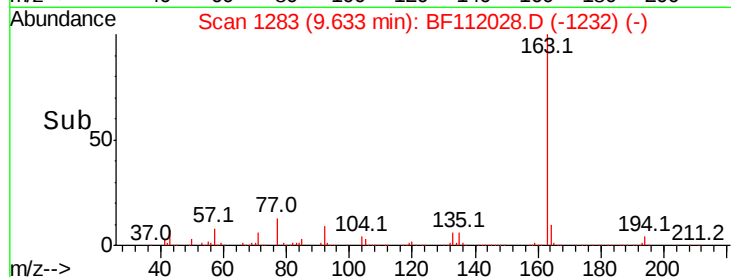
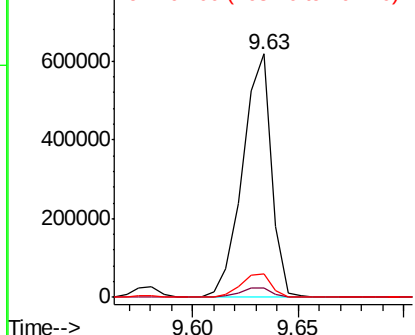
#50
Dimethylphthalate
Concen: 48.821 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 585962
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 9.6 8.5 12.7

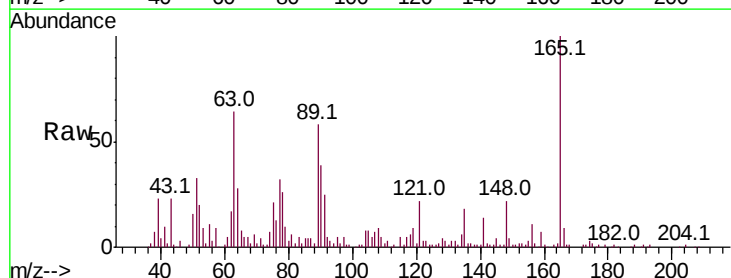
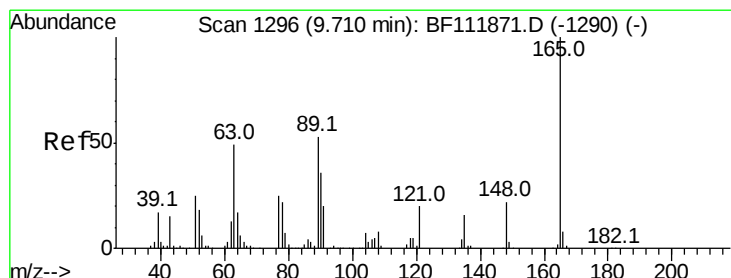


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

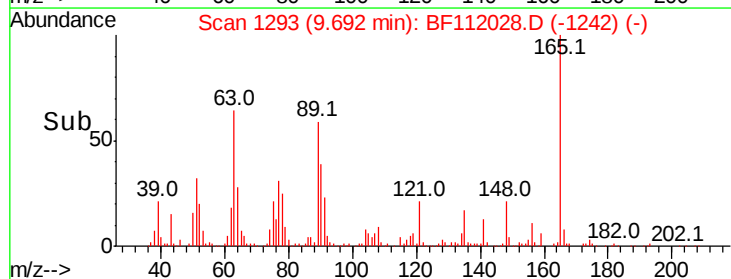
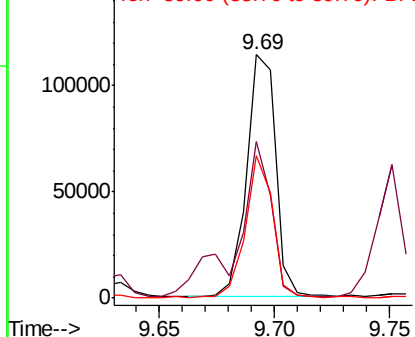


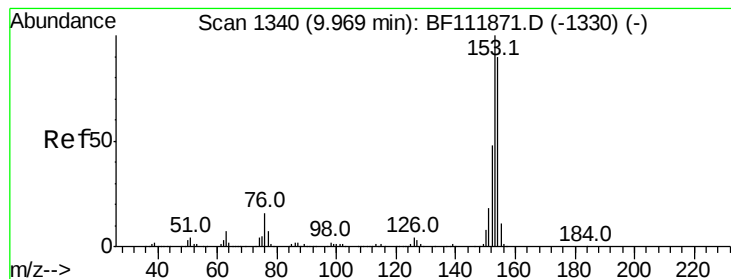
#51
2,6-Dinitrotoluene
Concen: 37.286 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion:165 Resp: 100074
Ion Ratio Lower Upper
165 100
63 64.1 46.2 69.2
89 58.4 42.2 63.2



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: 48.020 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

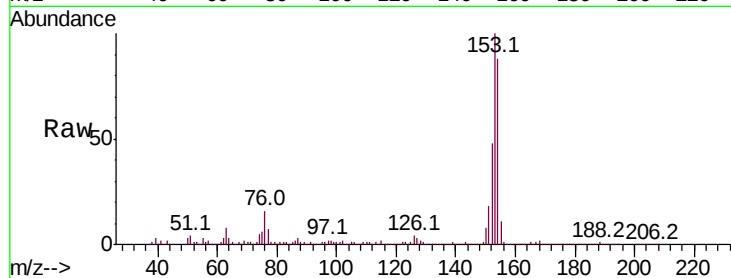
Tot Ion:154 Resp: 480064

Ion Ratio Lower Upper

154 100

153 113.2 89.4 134.0

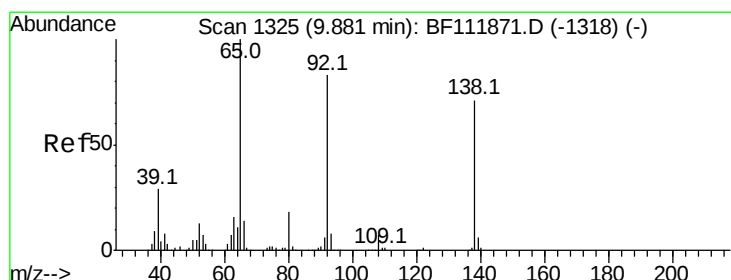
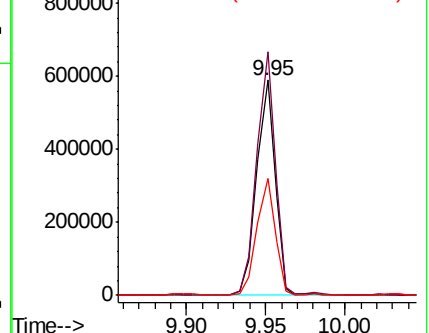
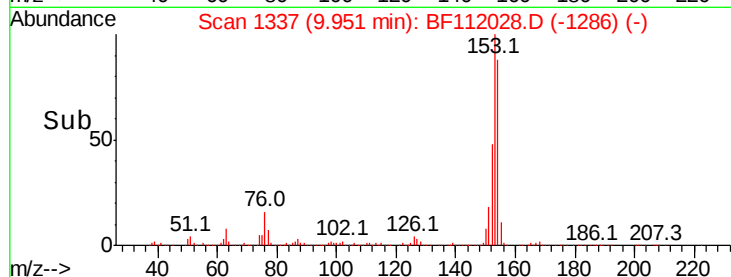
152 54.6 43.1 64.7



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: 25.209 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

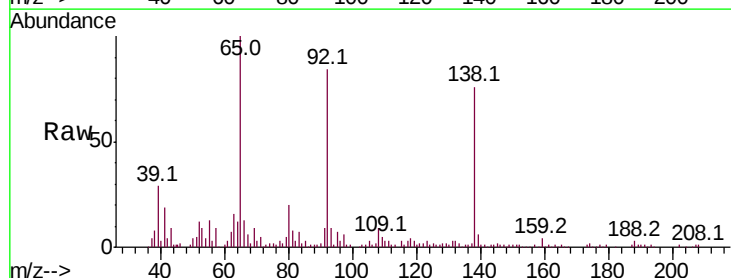
Tgt Ion:138 Resp: 72458

Ion Ratio Lower Upper

138 100

108 11.6 8.2 12.4

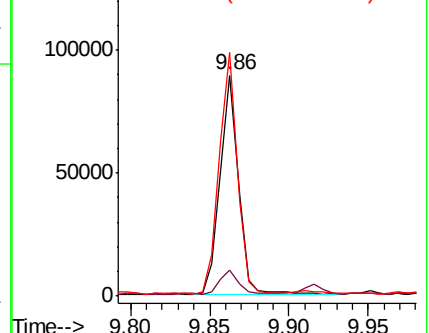
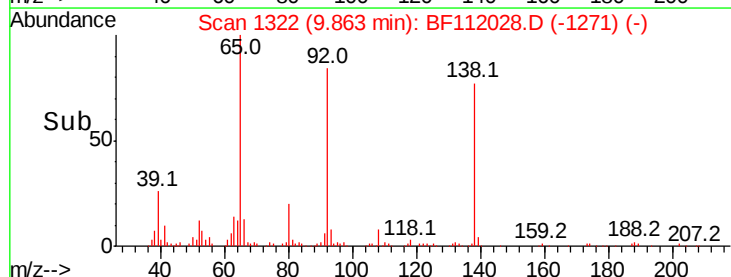
92 110.1 93.5 140.3

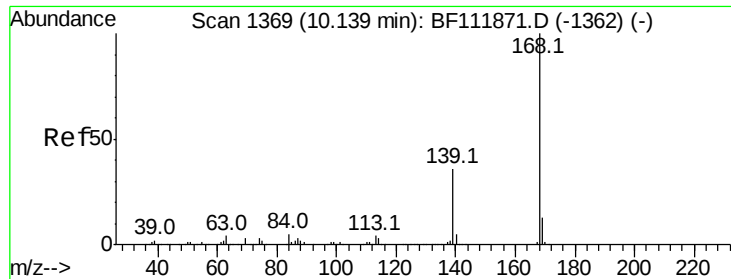


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

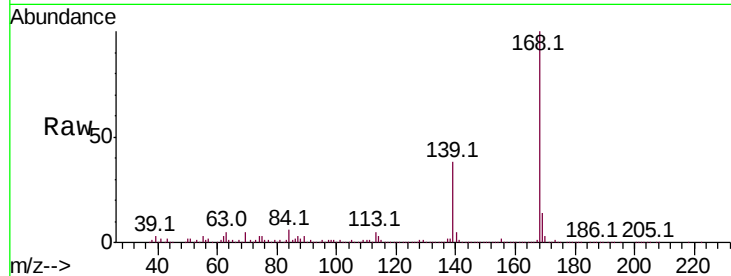




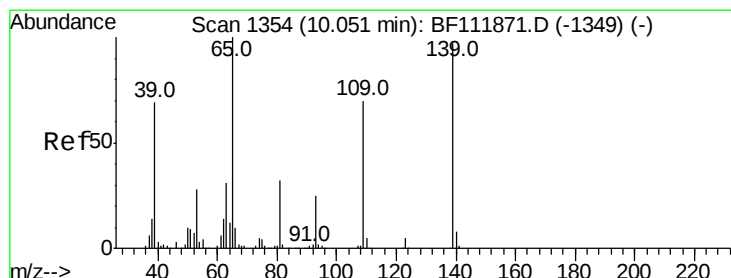
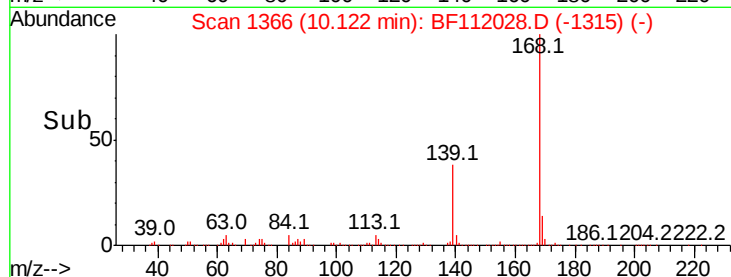
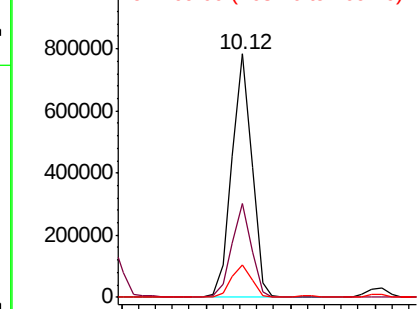
#55
Dibenzofuran
Concen: 44.185 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 642415
Ion Ratio Lower Upper
168 100
139 38.3 29.3 43.9
169 13.6 10.6 16.0

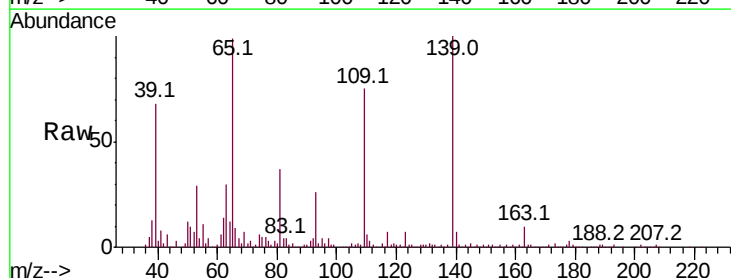


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

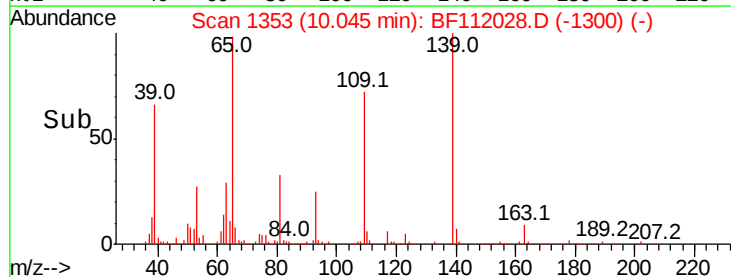
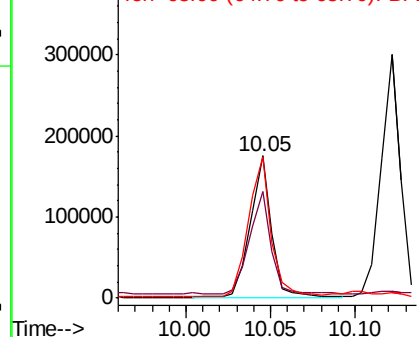


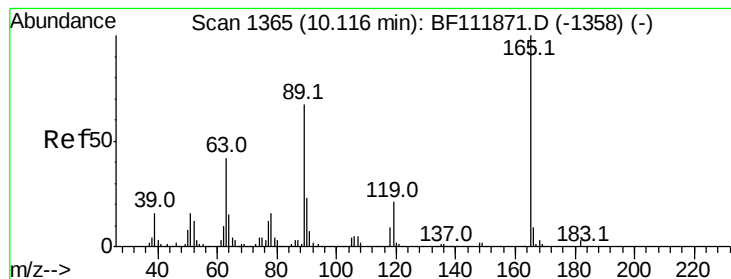
#56
4-Nitrophenol
Concen: 75.512 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion:139 Resp: 153358
Ion Ratio Lower Upper
139 100
109 74.6 52.2 92.2
65 99.1 83.1 123.1



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: 36.520 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 126654

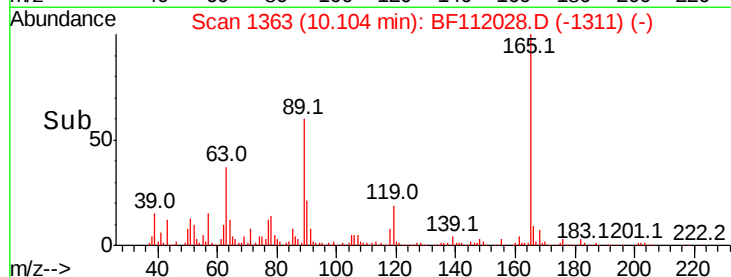
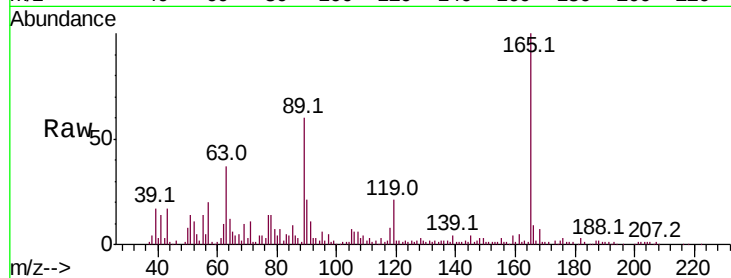
Ion Ratio Lower Upper

165 100

63 37.4 34.1 51.1

89 60.2 53.5 80.3

182 3.4 2.0 3.0#

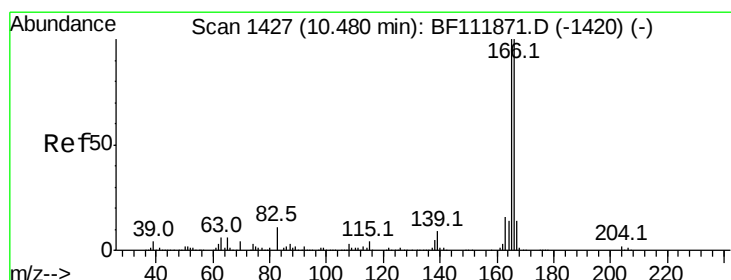
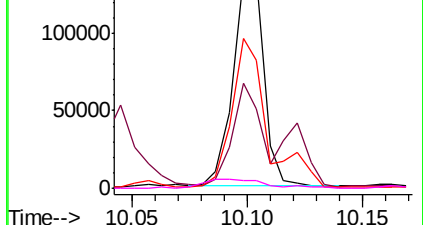


Abundance Ion 165.00 (164.70 to 165.70): E

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: 49.425 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

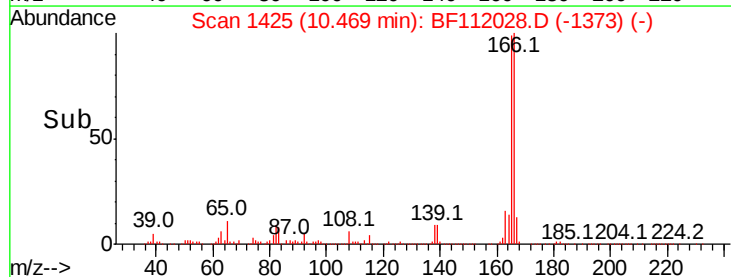
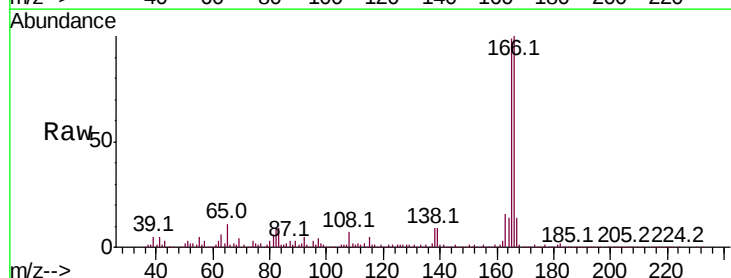
Tgt Ion:166 Resp: 522879

Ion Ratio Lower Upper

166 100

165 99.2 79.7 119.5

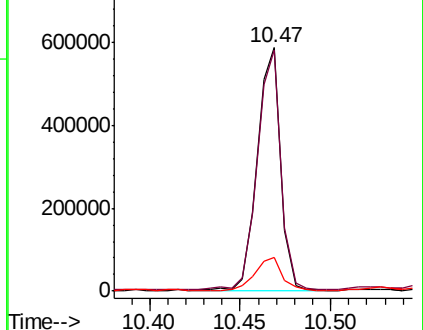
167 13.7 11.1 16.7

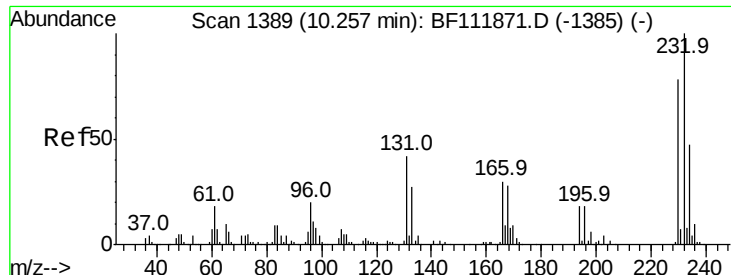


Abundance Ion 166.00 (165.70 to 166.70): E

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: 38.856 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 118504

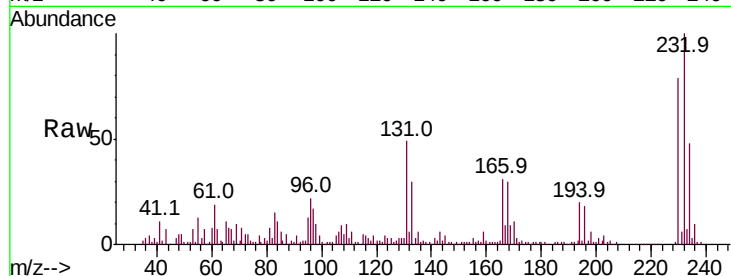
Ion Ratio Lower Upper

232 100

131 44.9 34.0 51.0

130 3.3 1.6 2.4#

166 30.5 23.4 35.0

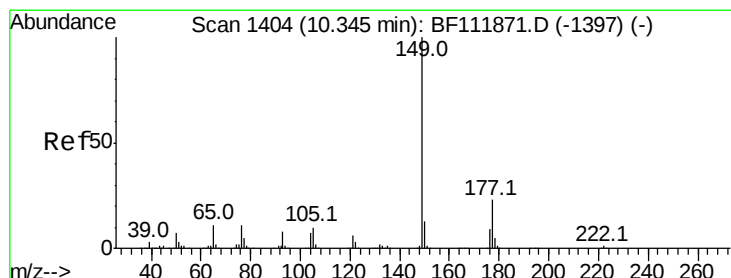
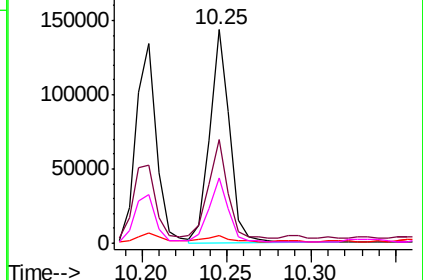
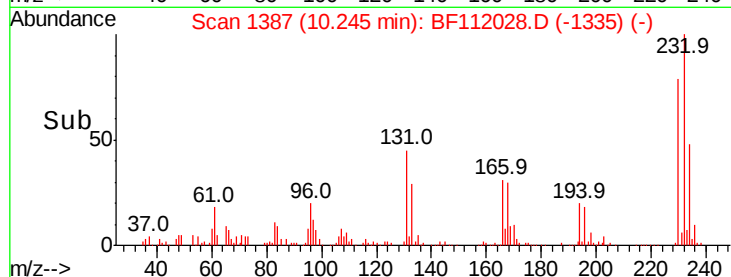


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.229 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

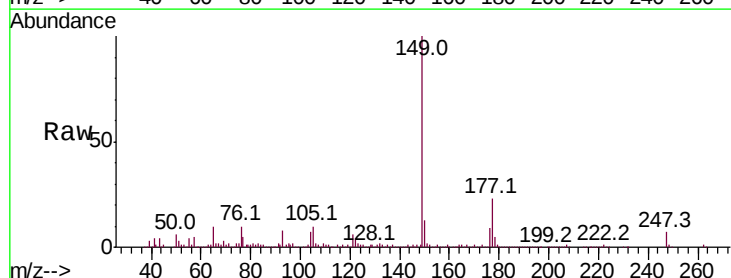
Tgt Ion:149 Resp: 467264

Ion Ratio Lower Upper

149 100

177 23.2 18.3 27.5

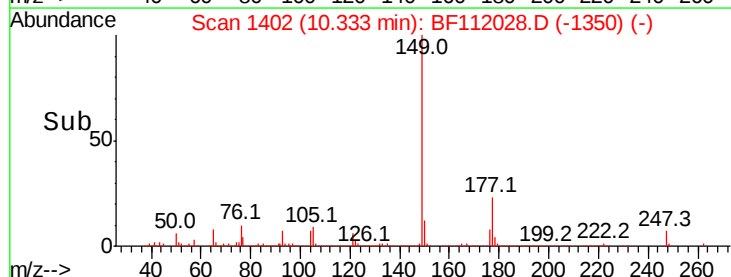
150 12.5 10.2 15.4



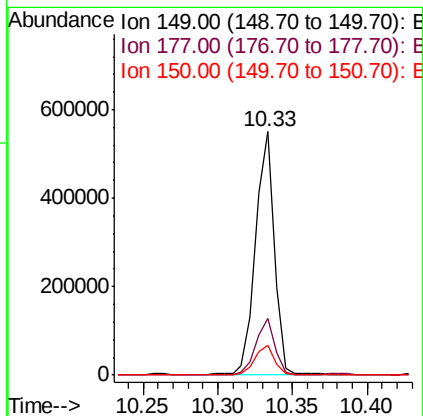
Abundance Ion 149.00 (148.70 to 149.70): E

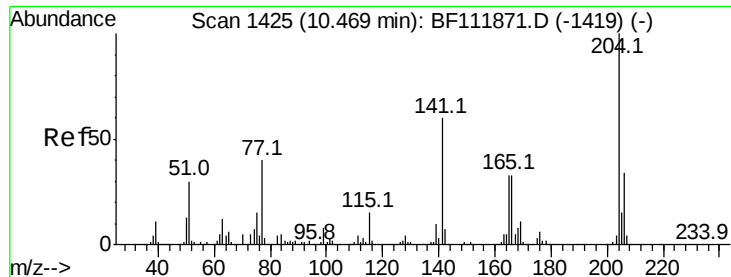
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

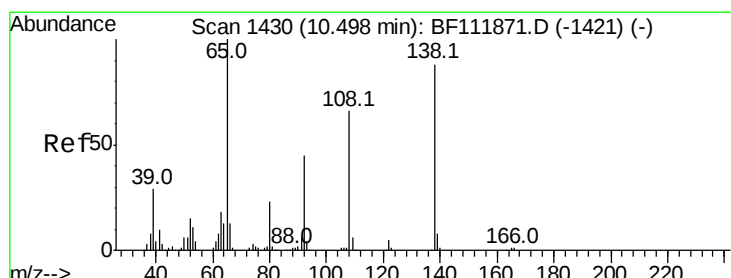
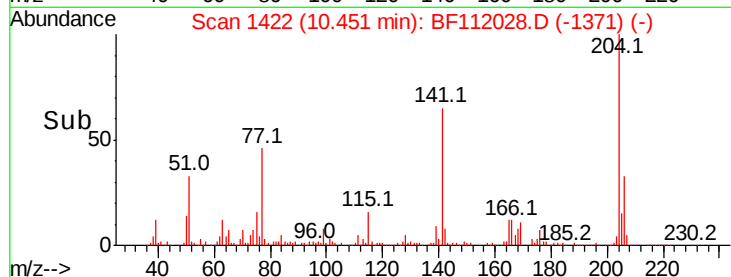
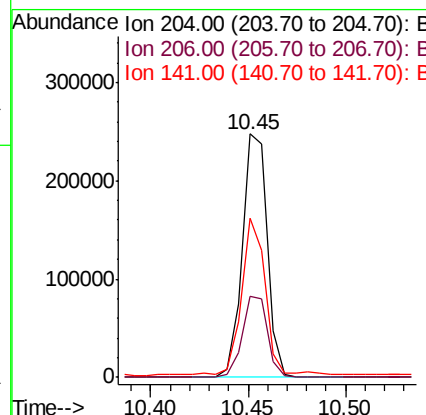
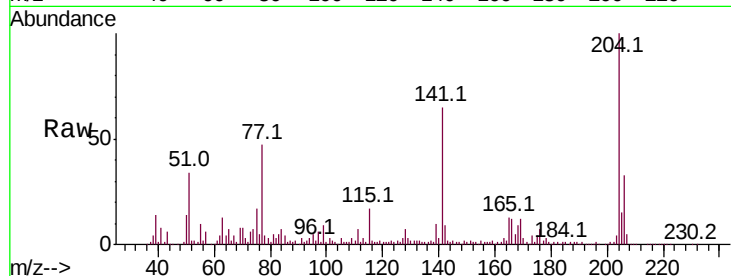




#61
4-Chlorophenyl-phenylether
Concen: 36.667 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

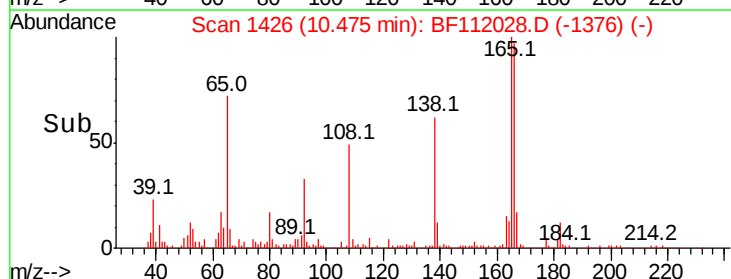
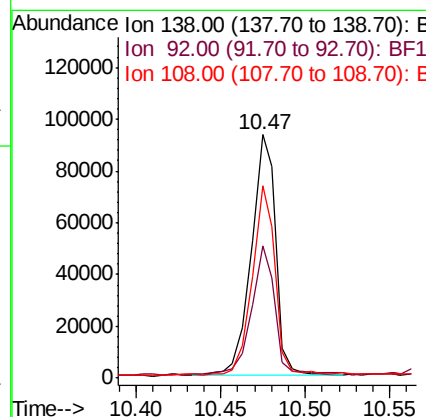
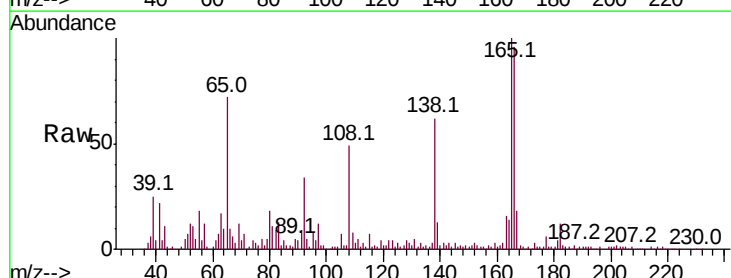
Instrument :
BNA_F
ClientSampleId :

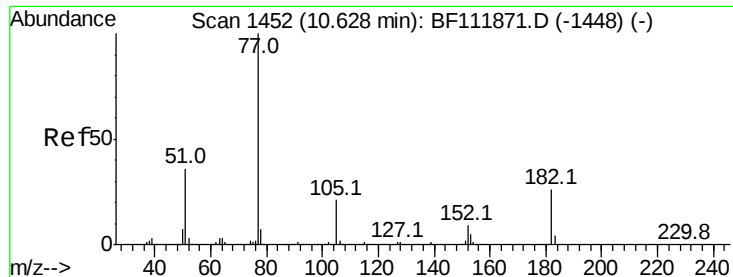
Tot Ion:204 Resp: 217526
Ion Ratio Lower Upper
204 100
206 33.5 26.9 40.3
141 65.2 47.9 71.9



#62
4-Nitroaniline
Concen: 34.750 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion:138 Resp: 94738
Ion Ratio Lower Upper
138 100
92 54.4 31.0 71.0
108 79.0 54.7 94.7





#63

Azobenzene

Concen: 37.327 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 414168

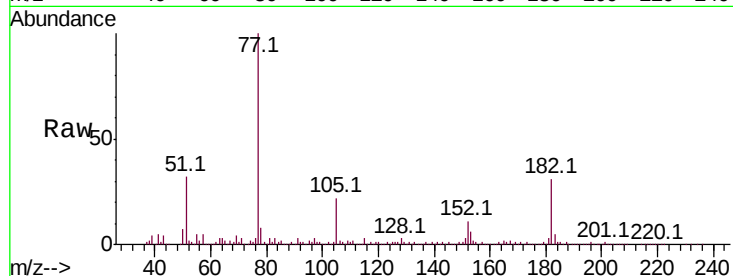
Ion Ratio Lower Upper

77 100

182 31.2 5.7 45.7

105 22.4 0.8 40.8

51 32.0 15.6 55.6

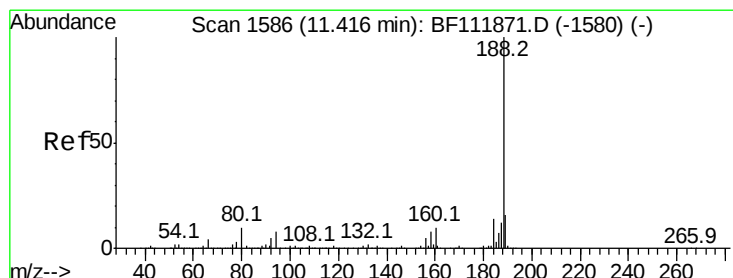
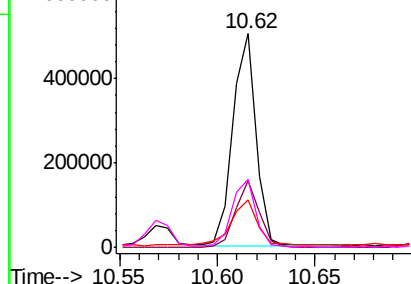
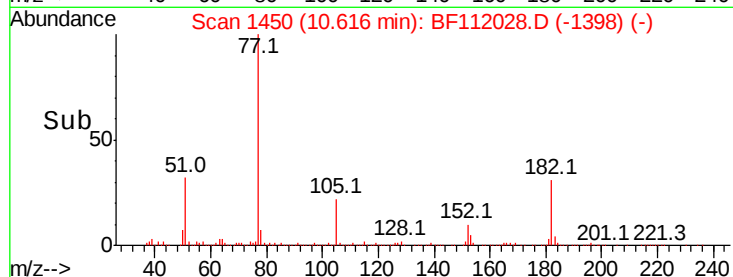


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

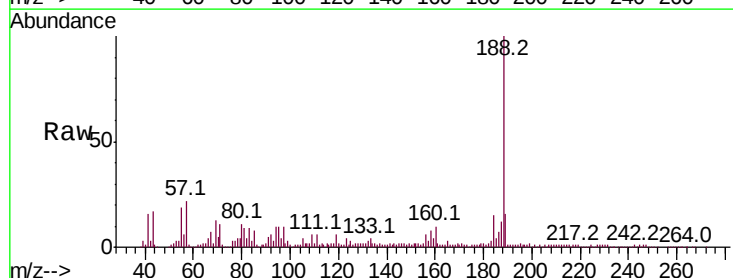
Tgt Ion: 188 Resp: 283364

Ion Ratio Lower Upper

188 100

94 10.0 6.6 10.0#

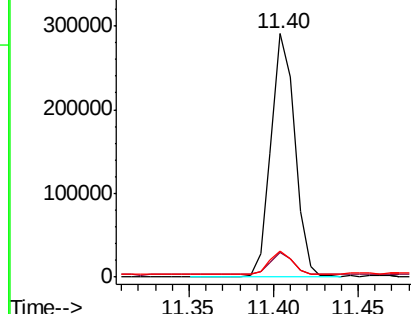
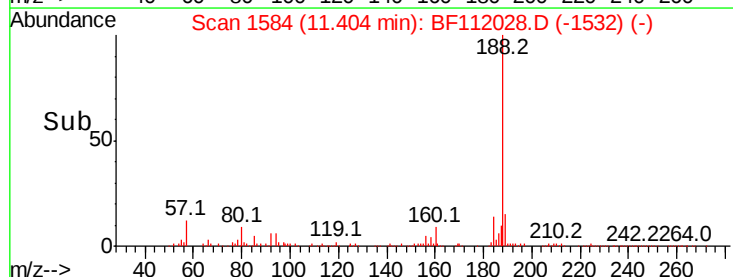
80 10.6 7.7 11.5

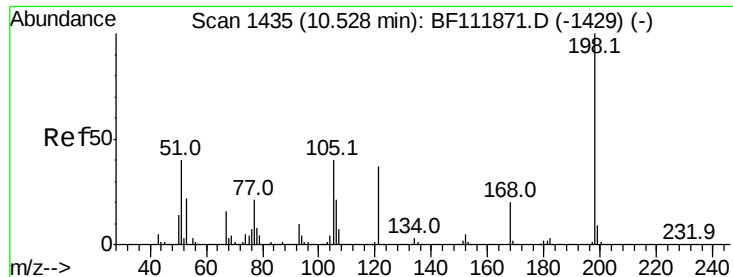


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 2.516 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampled :

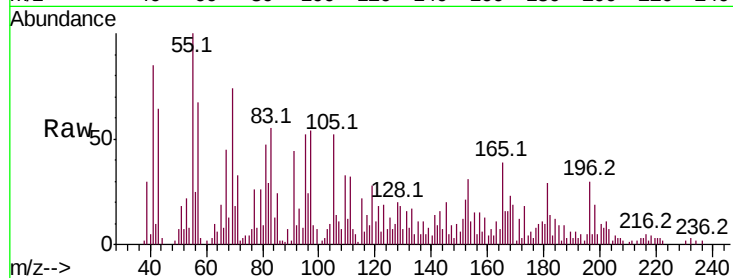
Tot Ion:198 Resp: 4399

Ion Ratio Lower Upper

198 100

51 94.2 27.2 67.2#

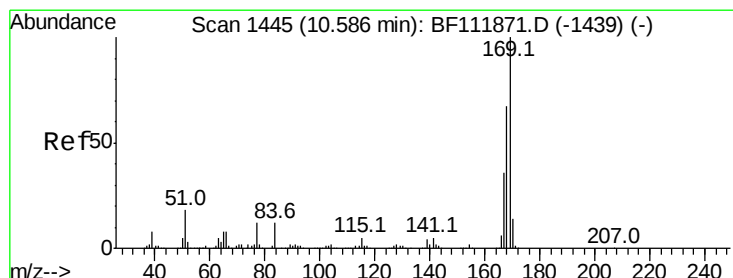
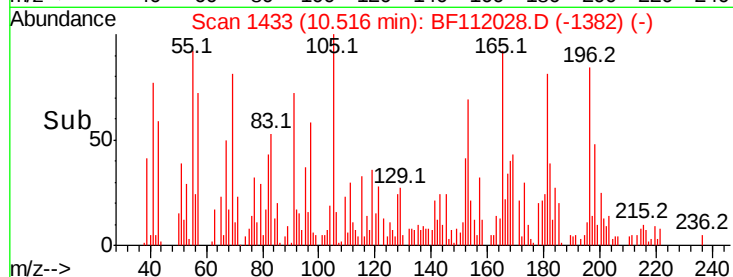
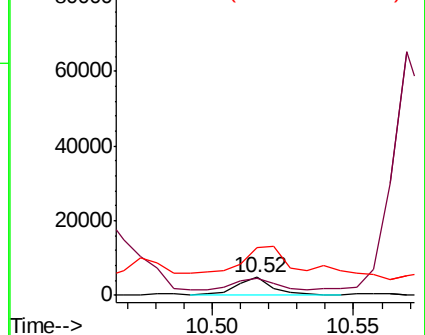
105 267.7 21.0 61.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.884 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

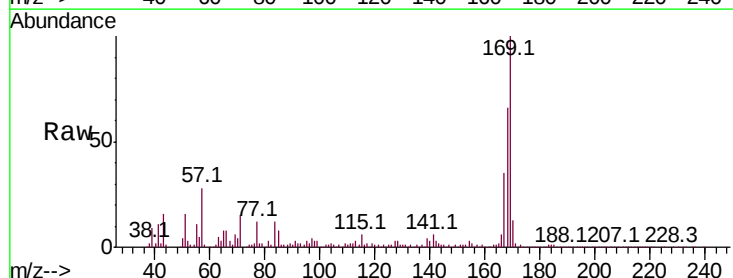
Tgt Ion:169 Resp: 398275

Ion Ratio Lower Upper

169 100

168 65.6 53.8 80.6

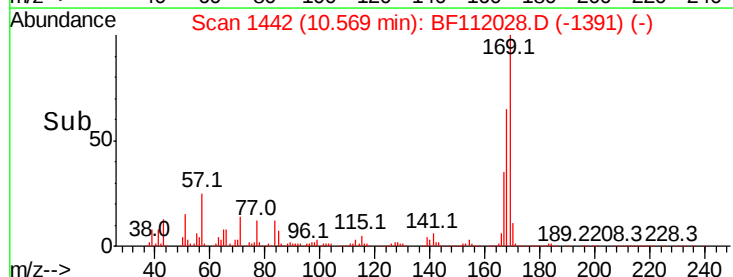
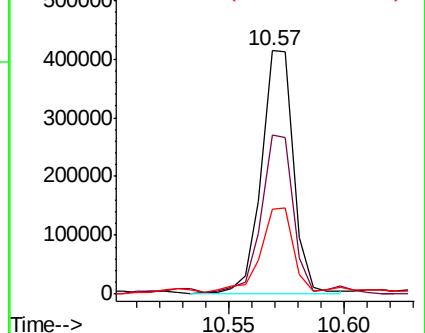
167 34.6 29.1 43.7

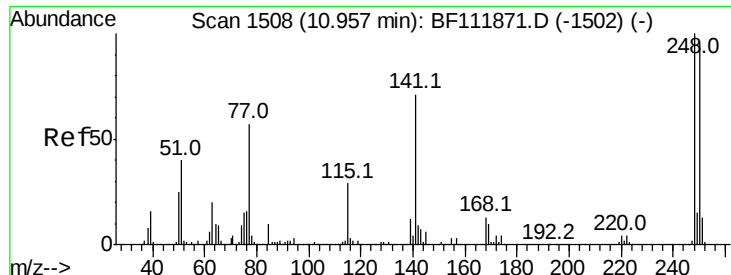


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

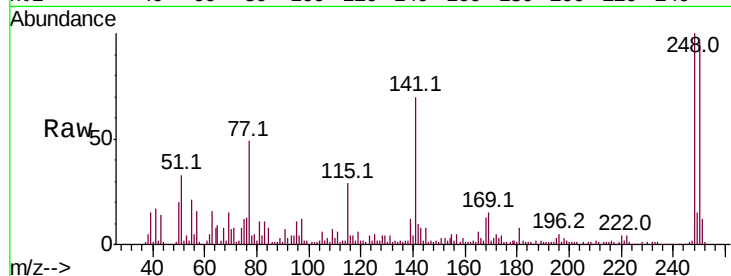




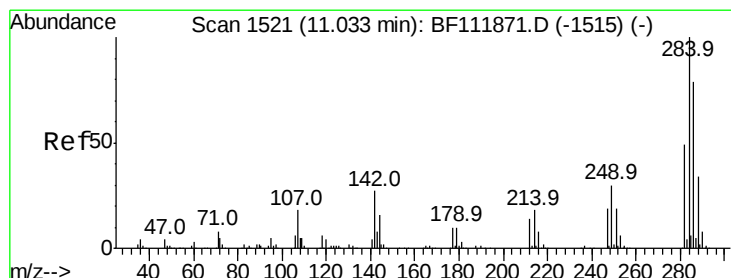
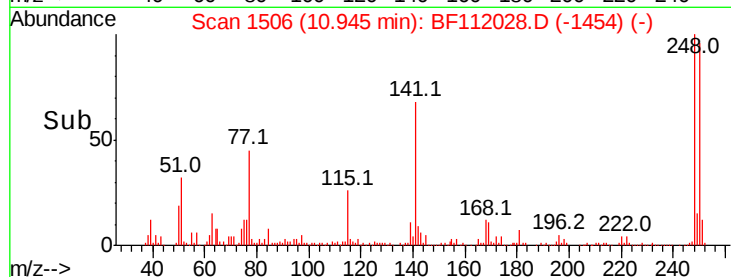
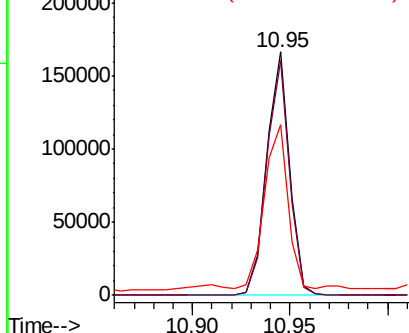
#67
 4-Bromophenyl-phenylether
 Concen: 36.909 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.01 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 135464
 Ion Ratio Lower Upper
 248 100
 250 96.5 76.8 115.2
 141 69.8 57.0 85.6

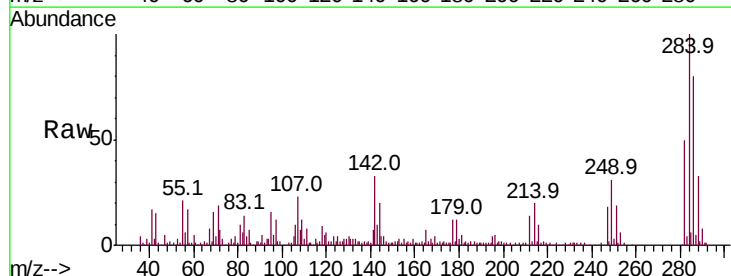


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

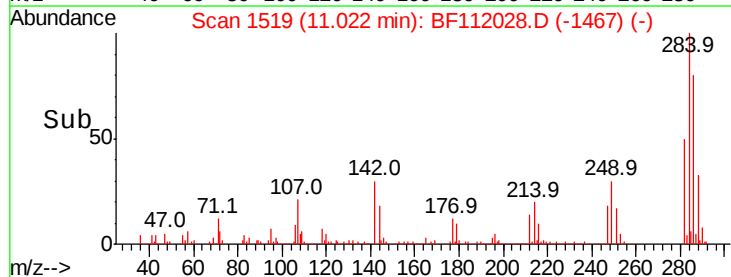
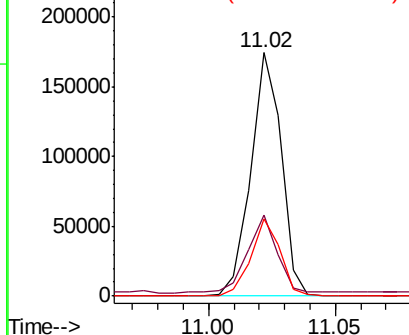


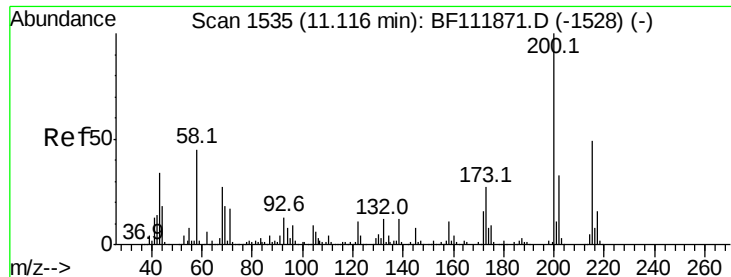
#68
 Hexachlorobenzene
 Concen: 36.047 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Tgt Ion:284 Resp: 146623
 Ion Ratio Lower Upper
 284 100
 142 33.1 21.8 32.6#
 249 31.5 23.8 35.6



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

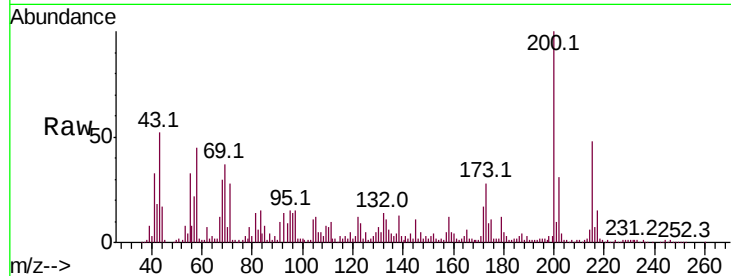




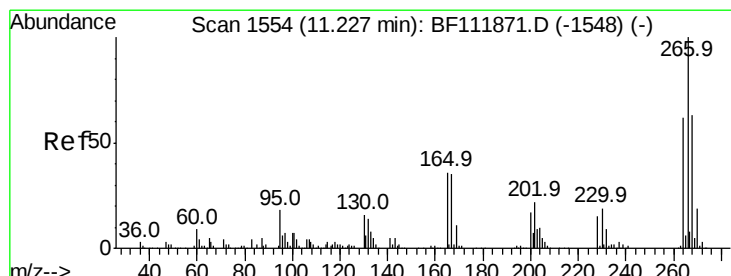
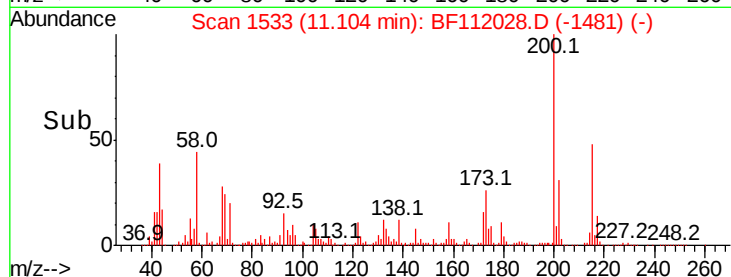
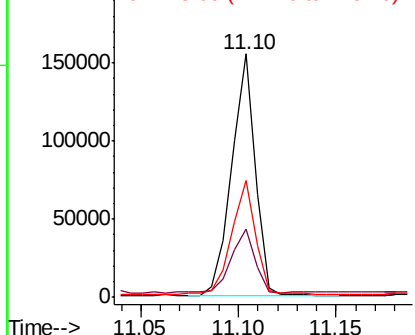
#69
Atrazine
Concen: 39.136 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 130752
Ion Ratio Lower Upper
200 100
173 28.0 6.6 46.6
215 48.0 28.9 68.9

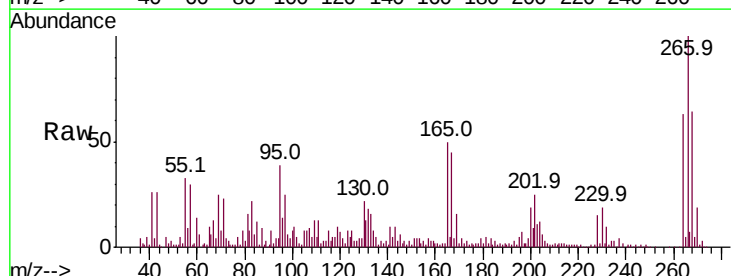


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

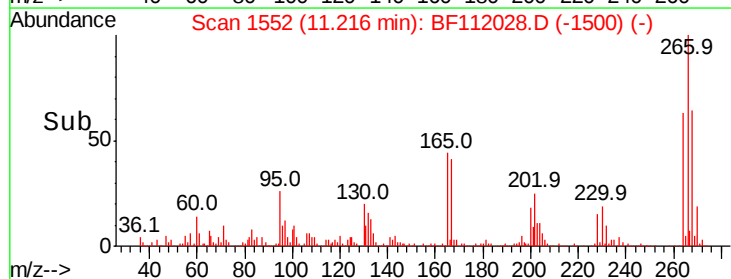
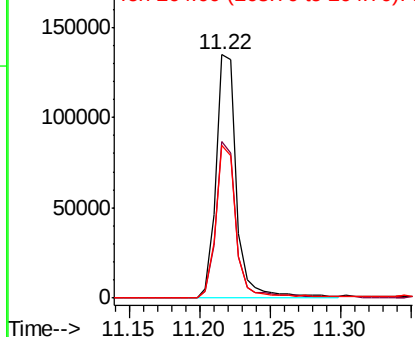


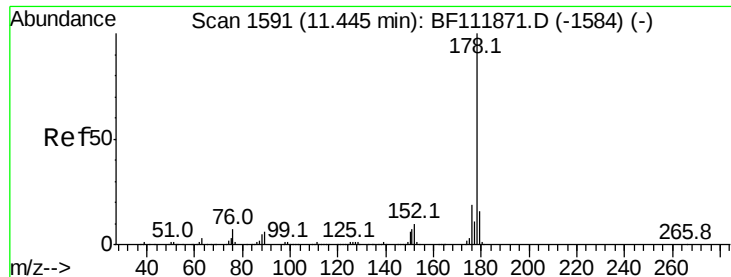
#70
Pentachlorophenol
Concen: 59.500 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion:266 Resp: 137721
Ion Ratio Lower Upper
266 100
268 64.3 50.6 76.0
264 62.9 49.3 73.9



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





#71

Phenanthrene

Concen: 87.308 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

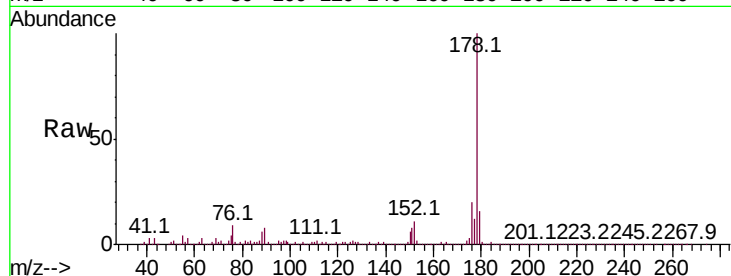
Tot Ion:178 Resp: 1322719

Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

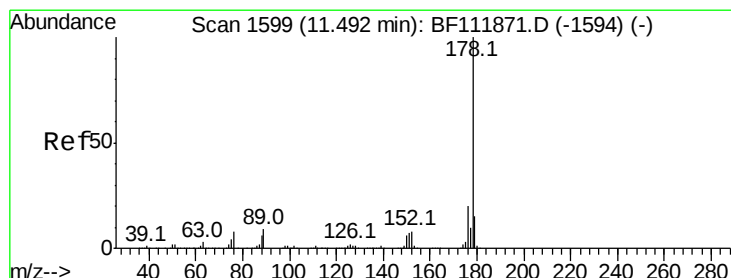
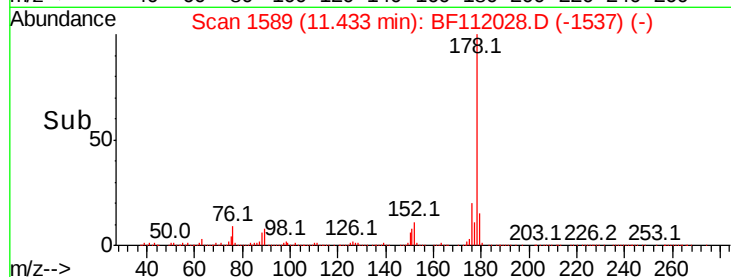
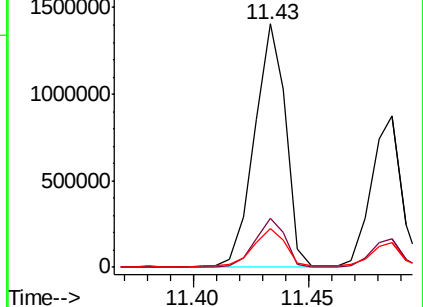
179 15.8 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.648 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

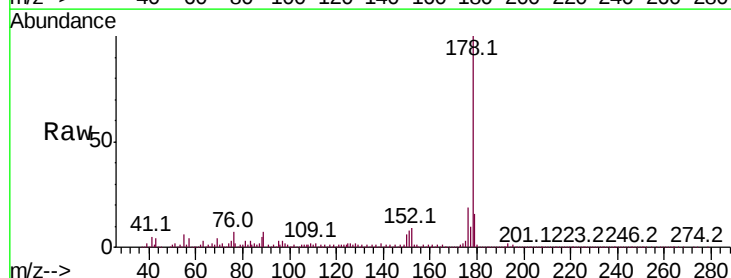
Tgt Ion:178 Resp: 763562

Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

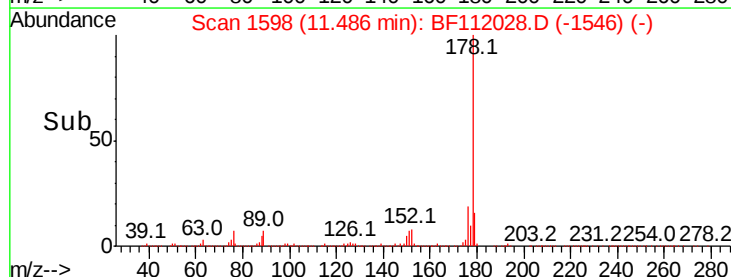
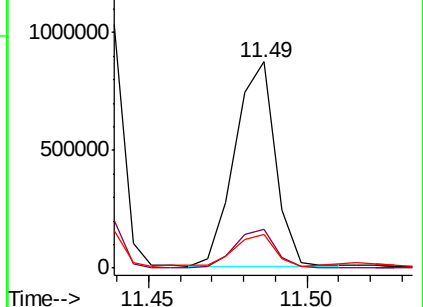
179 16.3 12.4 18.6

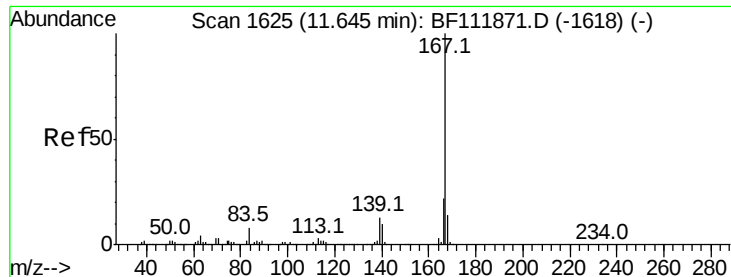


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.736 ng

RT: 11.64 min Scan# 1624

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

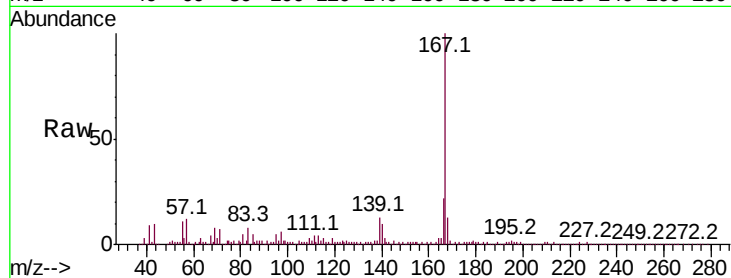
Tot Ion:167 Resp: 579479

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.6

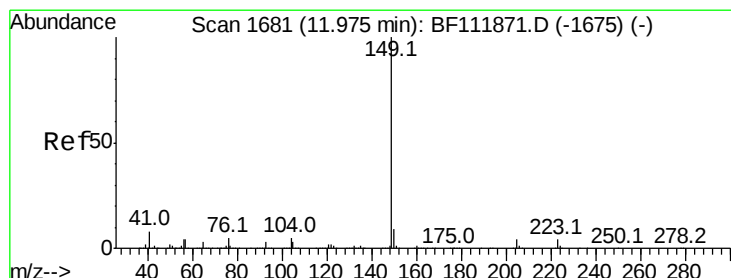
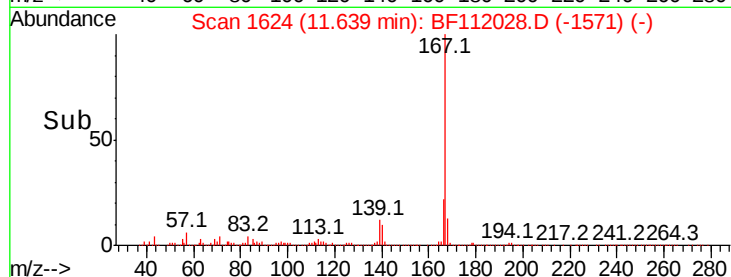
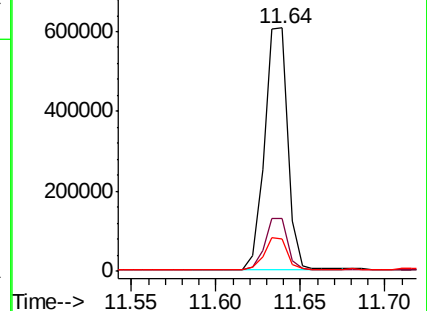
139 13.1 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.075 ng

RT: 11.96 min Scan# 1679

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

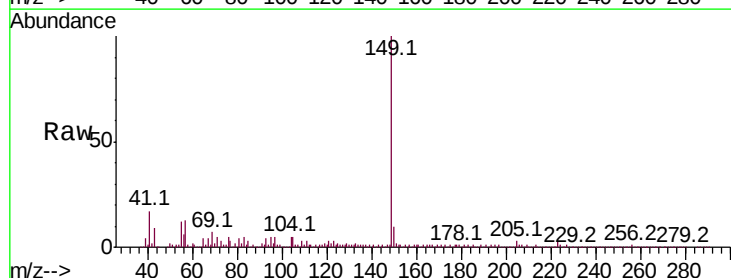
Tgt Ion:149 Resp: 696365

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

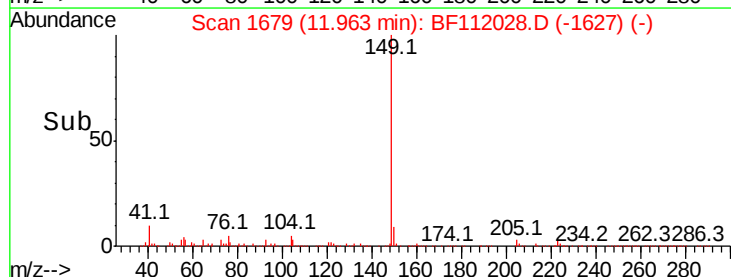
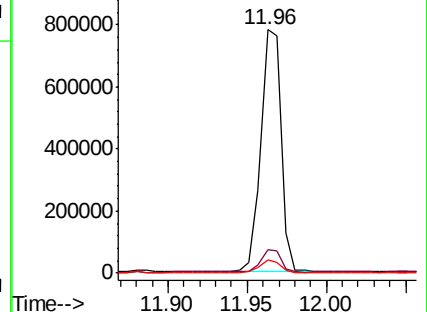
104 5.4 3.9 5.9

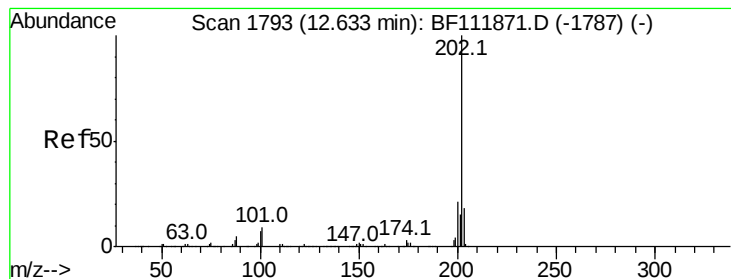


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 66.922 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.02 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

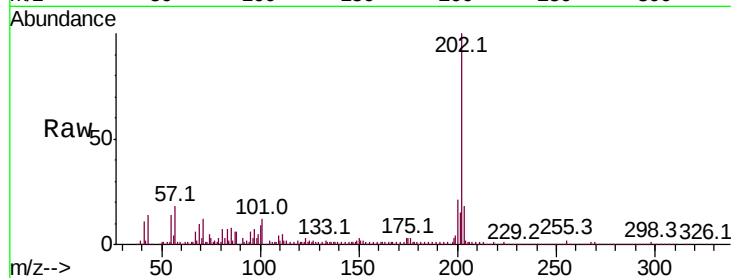
Tot Ion:202 Resp: 1040827

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	29.3
203	18.4	0.0	37.6

202 100

101 12.0 0.0 29.3

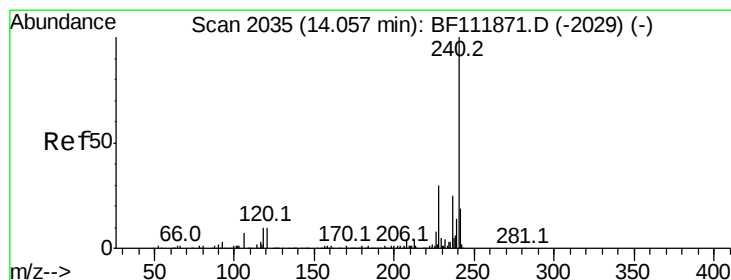
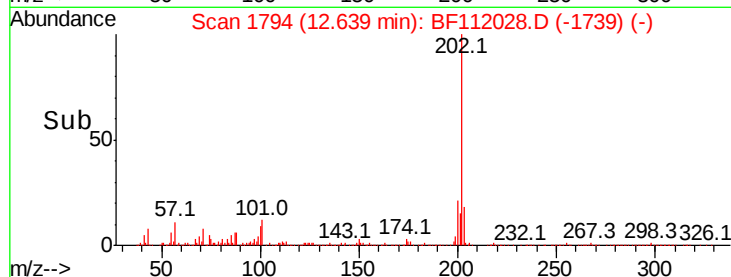
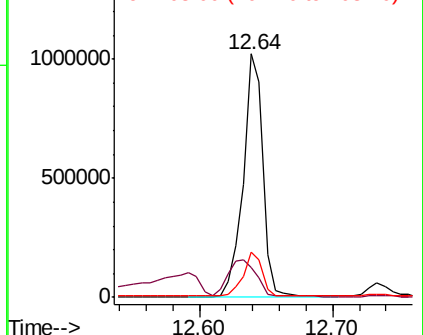
203 18.4 0.0 37.6



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: 14.06 min Scan# 2036

Delta R.T. 0.02 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

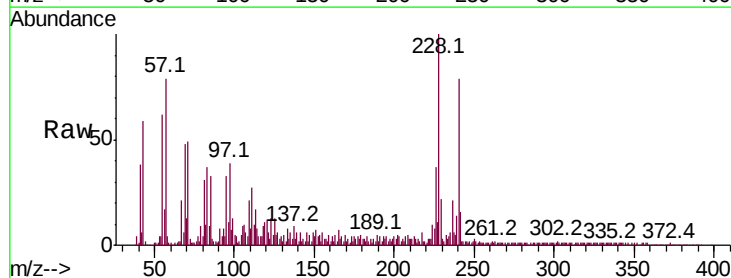
Tgt Ion:240 Resp: 186384

Ion	Ratio	Lower	Upper
240	100		
120	15.0	8.2	12.2#
236	27.0	20.2	30.4

240 100

120 15.0 8.2 12.2#

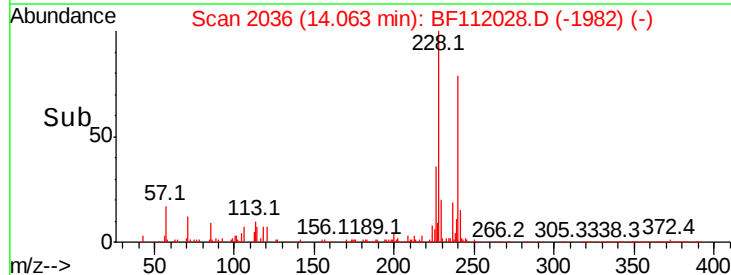
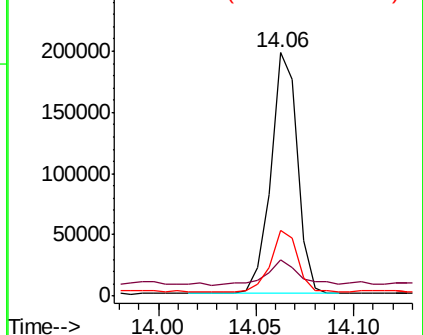
236 27.0 20.2 30.4

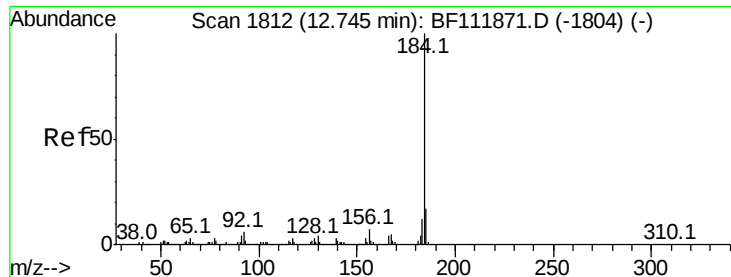


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.428 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.06 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

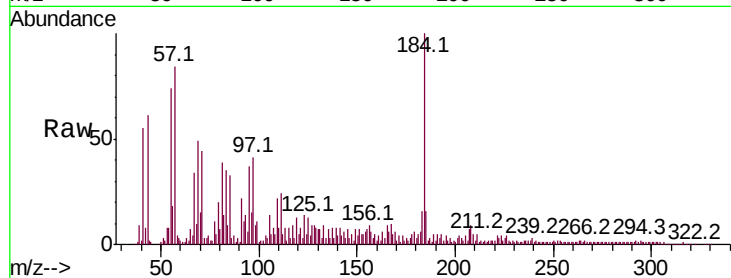
Tot Ion:184 Resp: 136047

Ion Ratio Lower Upper

184 100

185 16.0 13.4 20.0

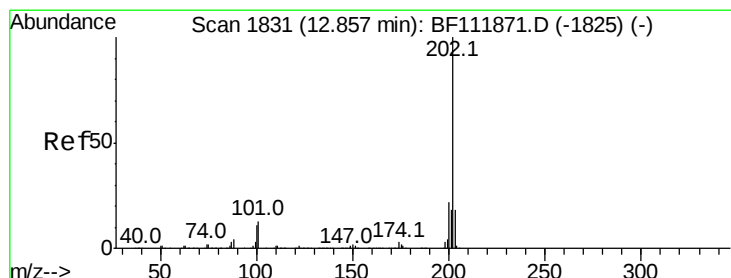
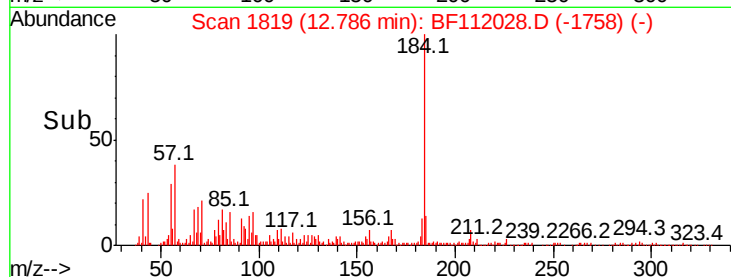
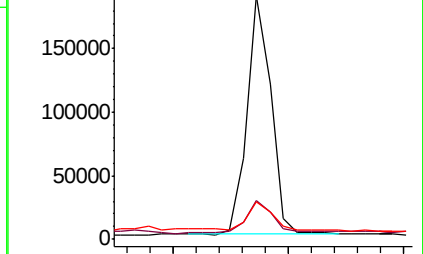
183 15.6 9.6 14.4#



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: 67.663 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.03 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

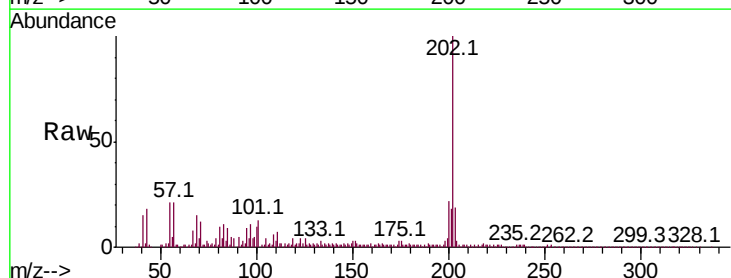
Tgt Ion:202 Resp: 867742

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

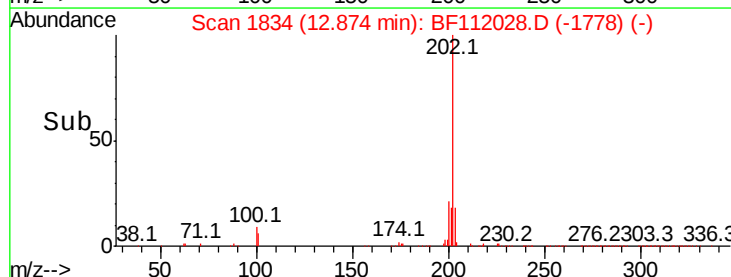
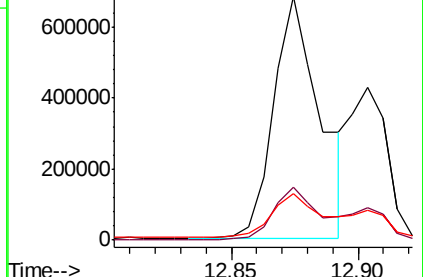
203 19.0 14.6 21.8

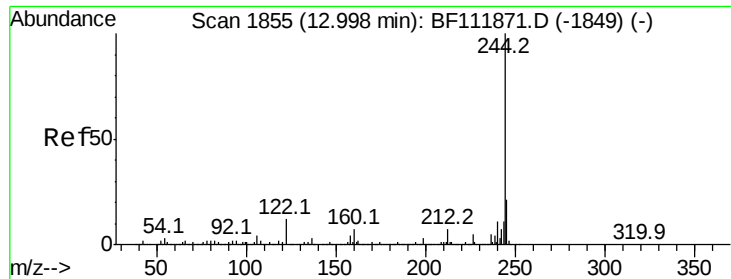


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.594 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.03 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

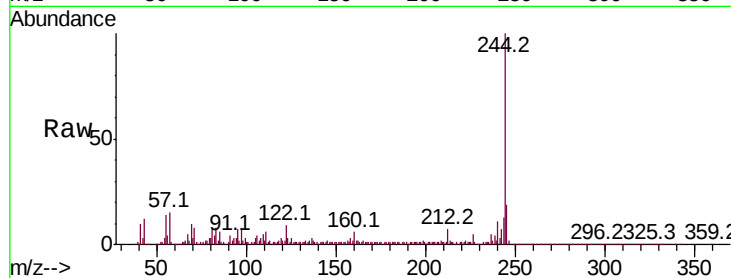
Tot Ion:244 Resp: 830621

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

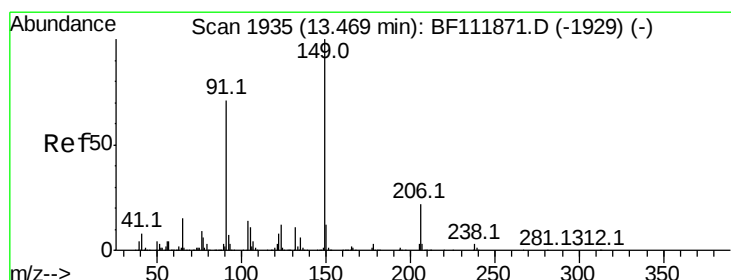
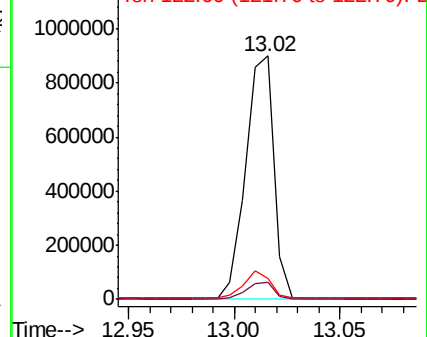
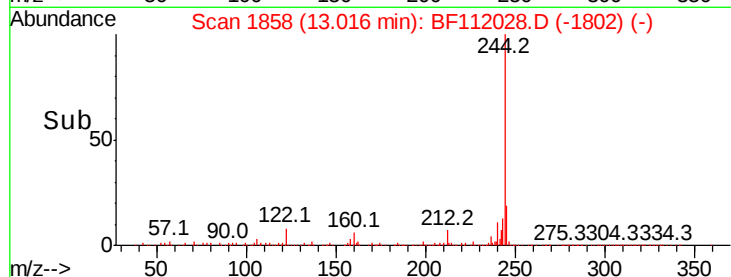
122 8.8 9.5 14.3#



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: 50.819 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.02 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

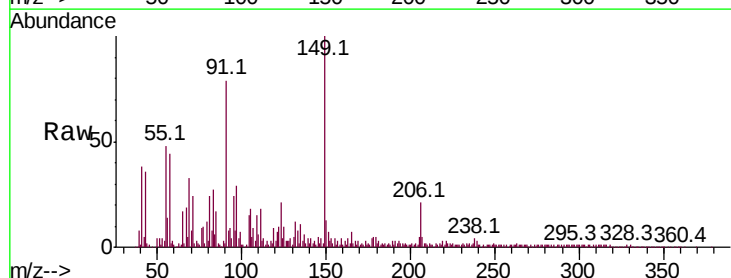
Tgt Ion:149 Resp: 275529

Ion Ratio Lower Upper

149 100

91 79.4 57.2 85.8

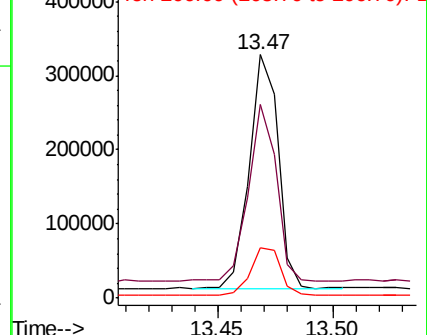
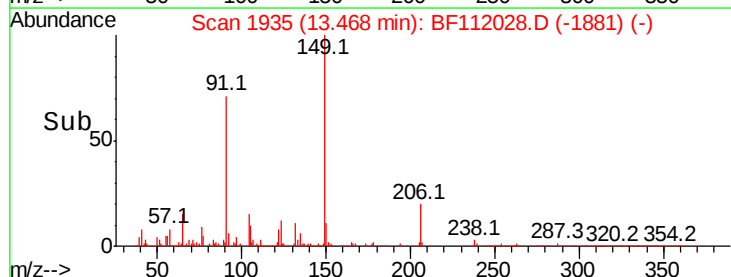
206 20.7 17.3 25.9

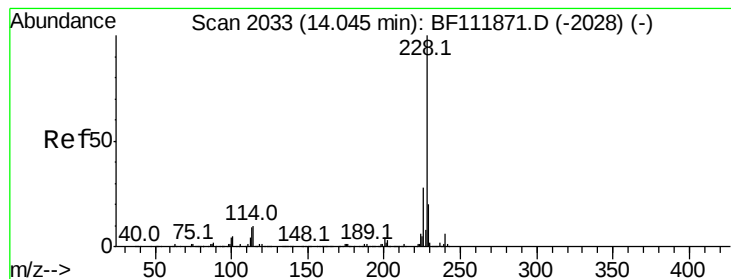


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 54.218 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.02 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

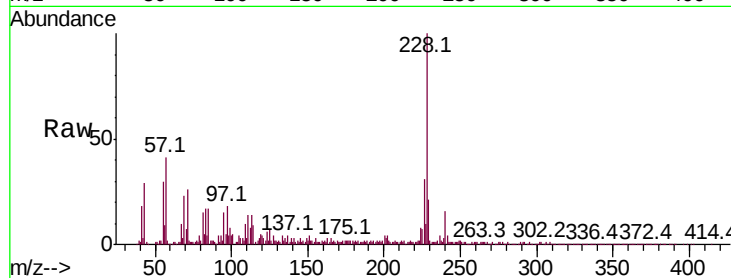
Tot Ion:228 Resp: 581582

Ion Ratio Lower Upper

228 100

226 31.1 22.2 33.2

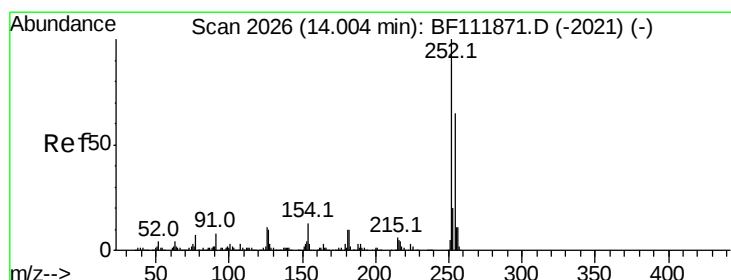
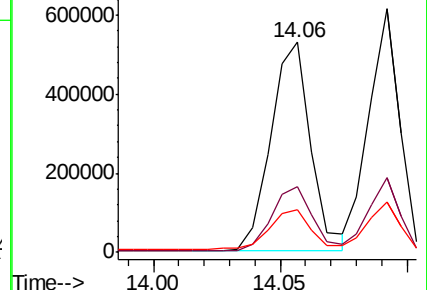
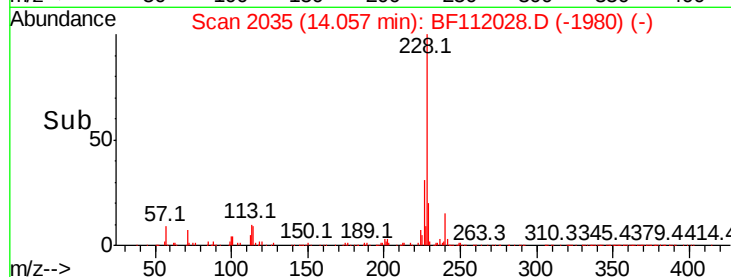
229 20.5 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 10.993 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.02 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

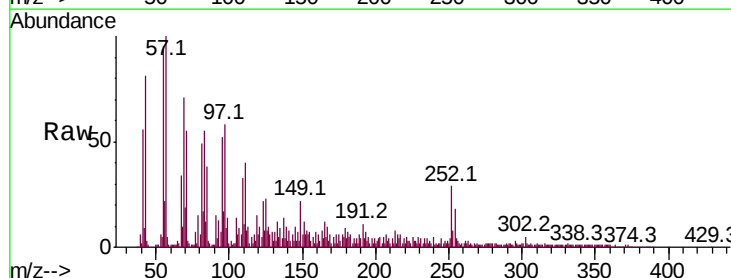
Tgt Ion:252 Resp: 43532

Ion Ratio Lower Upper

252 100

254 62.8 52.1 78.1

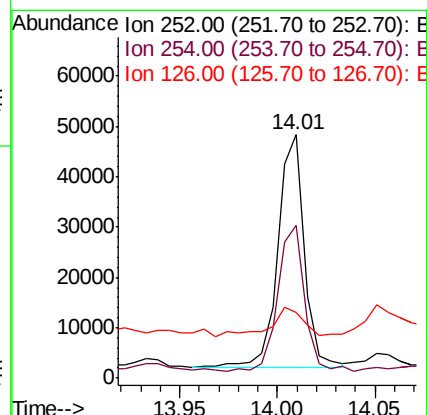
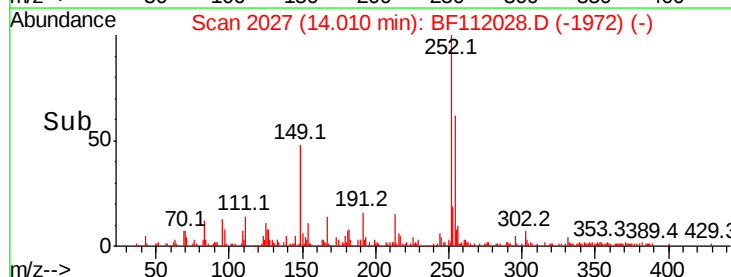
126 27.1 8.6 12.8#

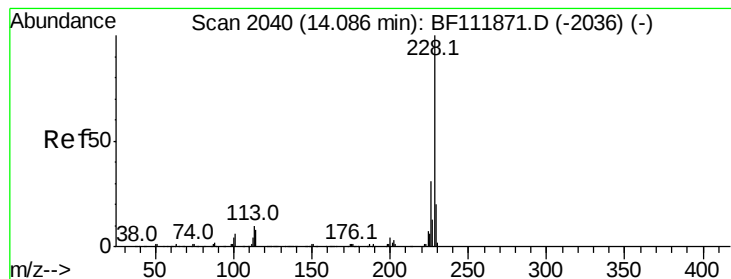


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.736 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.02 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

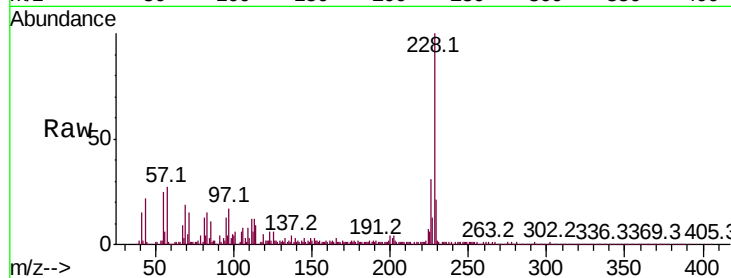
Tot Ion:228 Resp: 518907

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	20.6	15.7	23.5

228 100

226 30.5 24.6 37.0

229 20.6 15.7 23.5

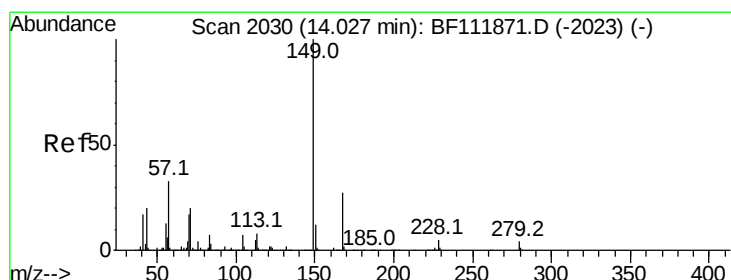
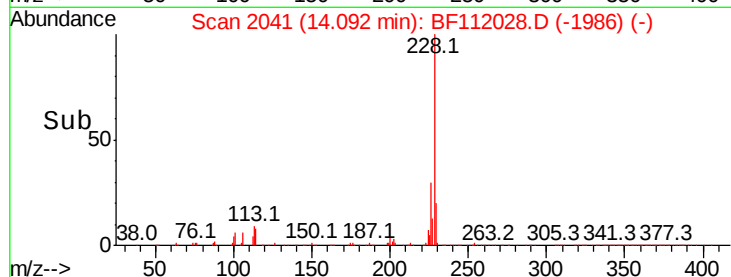
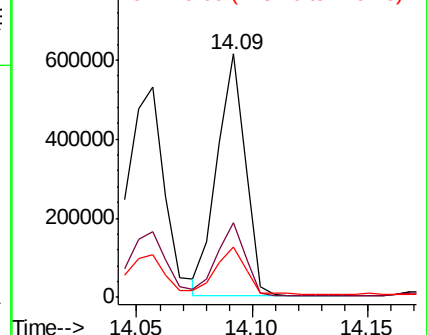


Abundance

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: 66.347 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

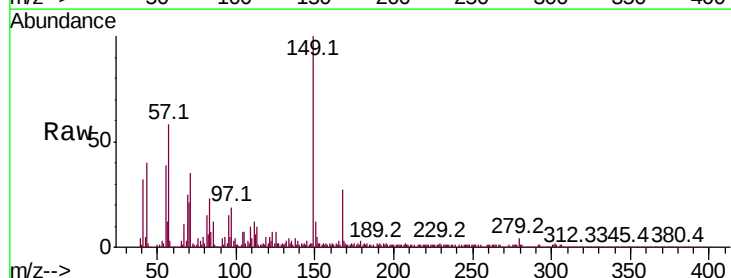
Tgt Ion:149 Resp: 472410

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.5	32.3
279	4.3	3.0	4.6

149 100

167 27.3 21.5 32.3

279 4.3 3.0 4.6

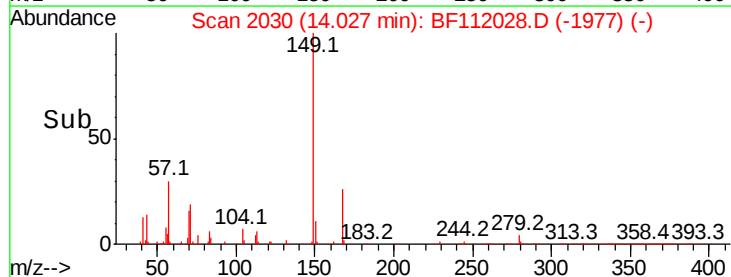
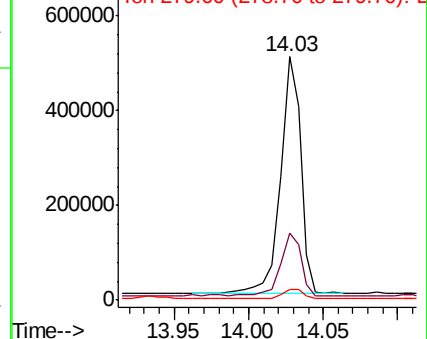


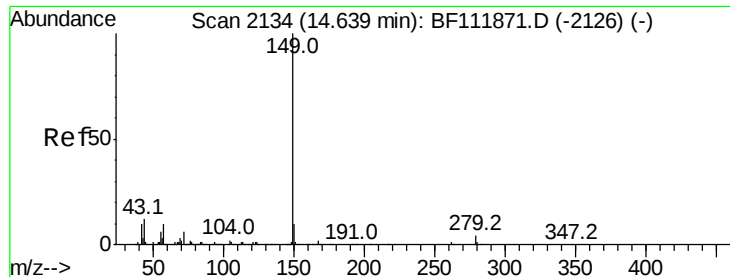
Abundance

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: 51.512 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.02 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

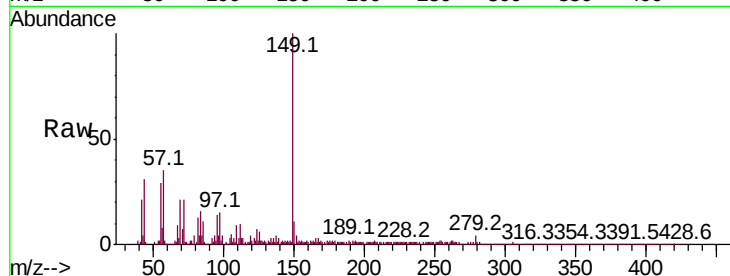
Tot Ion:149 Resp: 524897

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

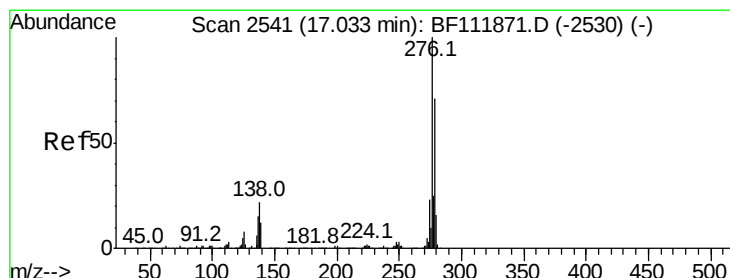
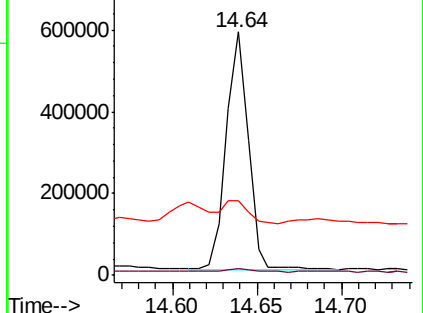
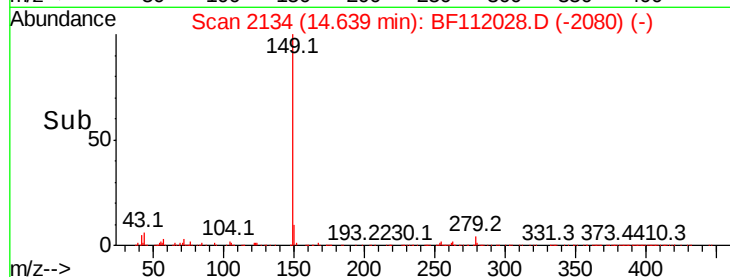
43 12.1 9.1 13.7



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: 65.081 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.05 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

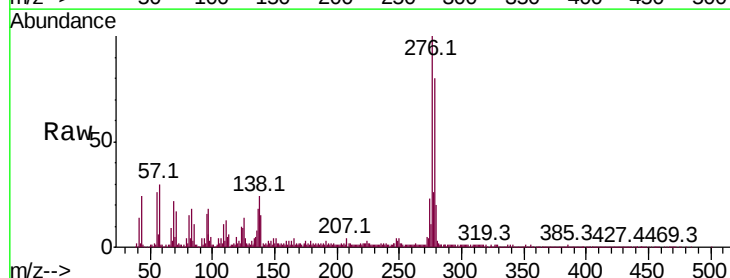
Tgt Ion:276 Resp: 485265

Ion Ratio Lower Upper

276 100

138 21.7 18.1 27.1

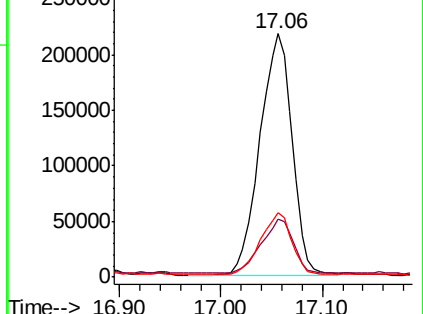
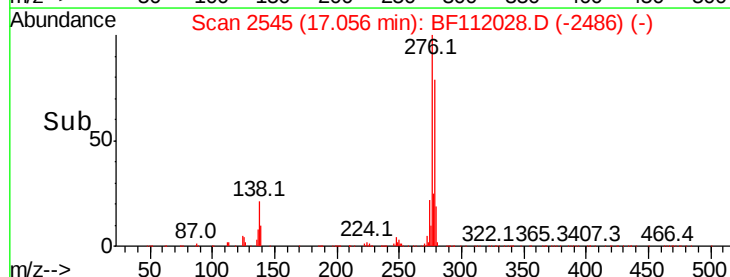
277 24.6 19.9 29.9

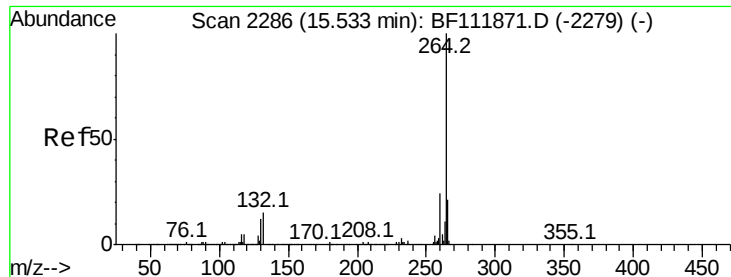


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.03 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

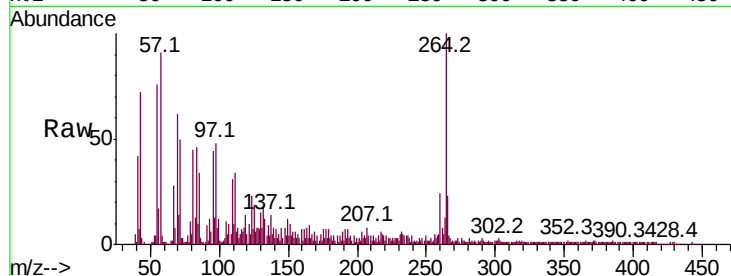
Tot Ion:264 Resp: 154755

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.9 17.1 25.7

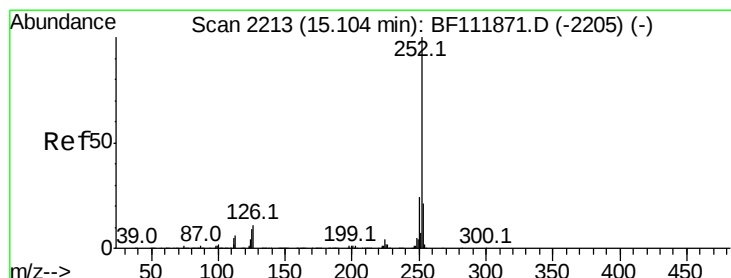
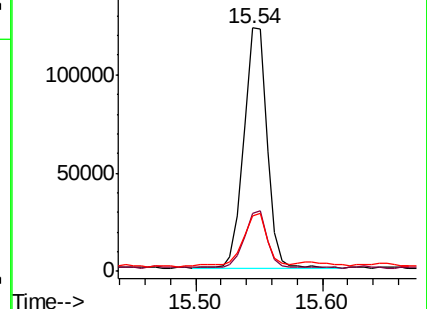
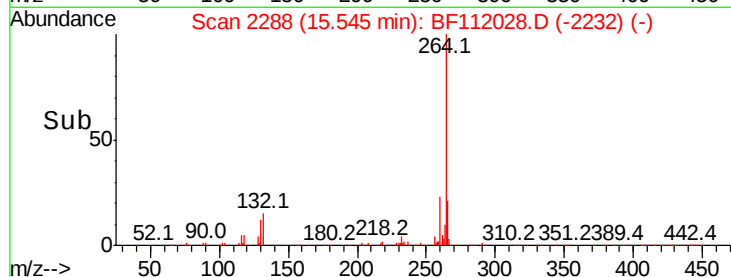


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

15.54



#88

Benzo(b)fluoranthene

Concen: 50.165 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.03 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

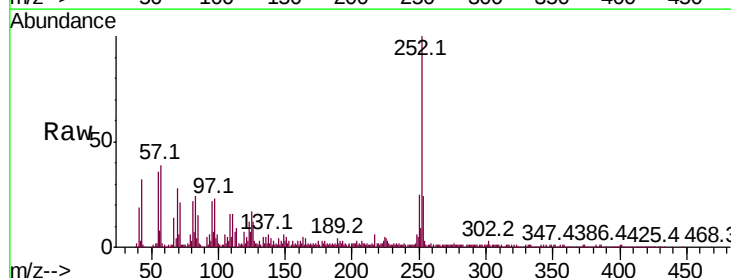
Tgt Ion:252 Resp: 464394

Ion Ratio Lower Upper

252 100

253 24.2 17.0 25.6

125 17.2 7.1 10.7#

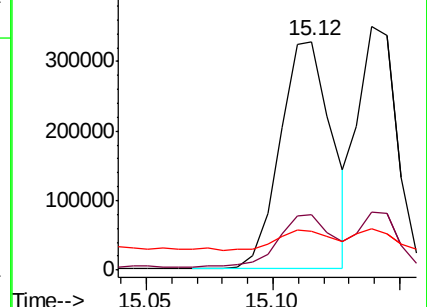
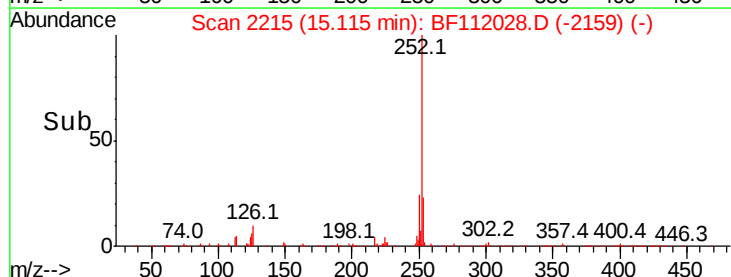


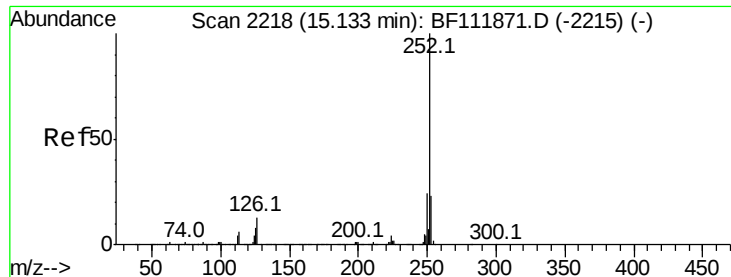
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

15.12

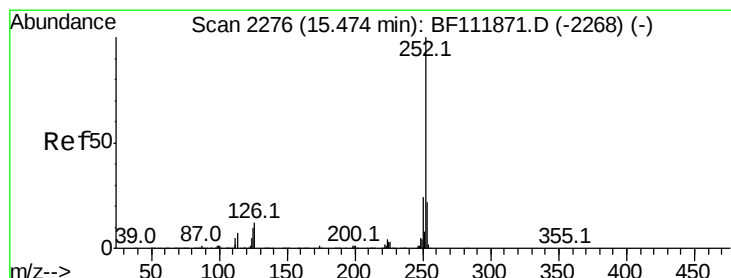
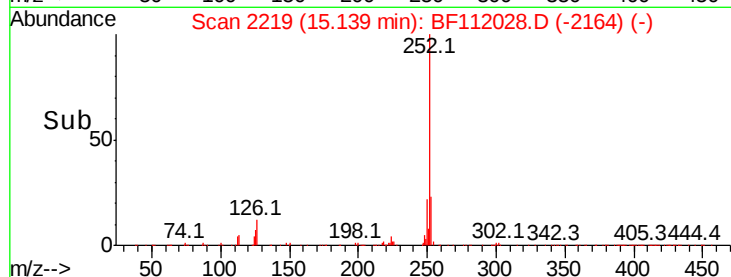
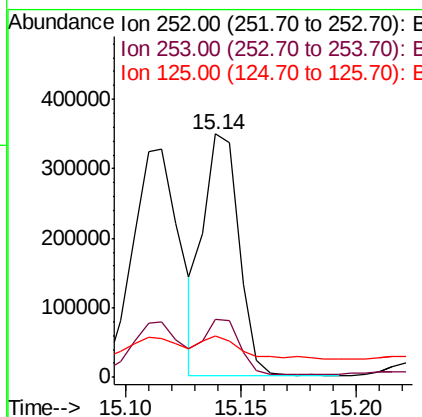
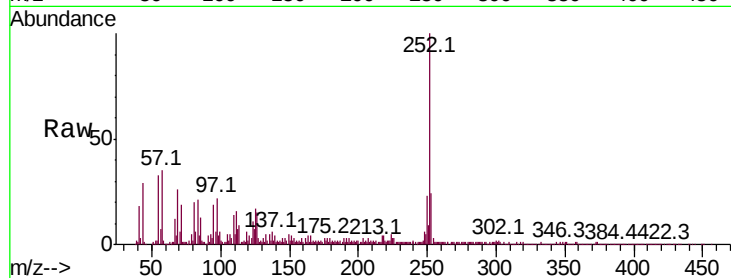




#89
Benzo(k)fluoranthene
Concen: 42.751 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

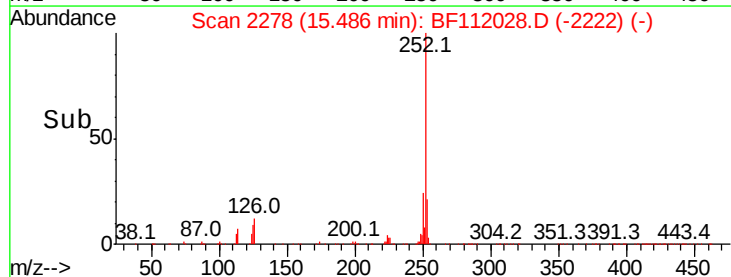
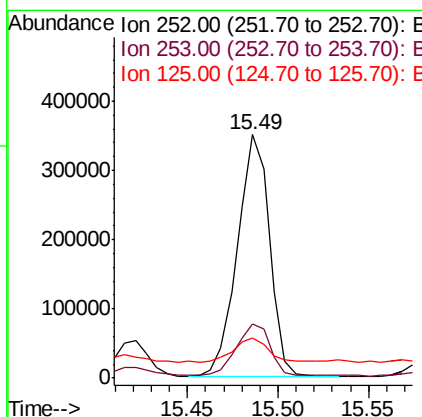
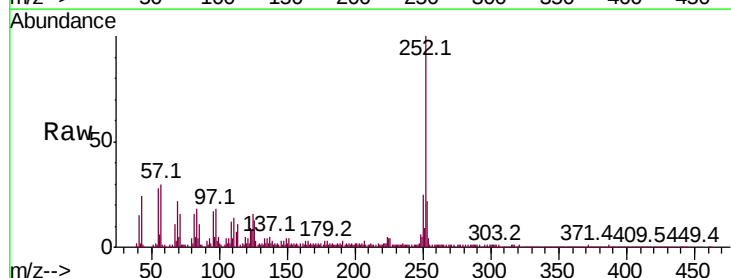
Instrument :
BNA_F
ClientSampleId :

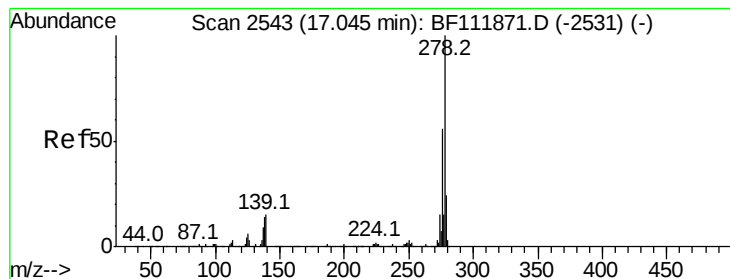
Tot Ion:252 Resp: 372010
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 17.2 7.0 10.4#



#90
Benzo(a)pyrene
Concen: 52.842 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.03 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion:252 Resp: 430118
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 16.4 7.9 11.9#





#91

Dibenzo(a,h)anthracene

Concen: 56.363 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.04 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

ClientSampleId :

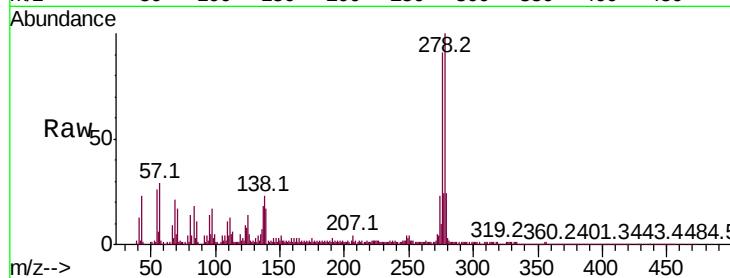
Tot Ion:278 Resp: 368996

Ion Ratio Lower Upper

278 100

139 16.7 11.8 17.6

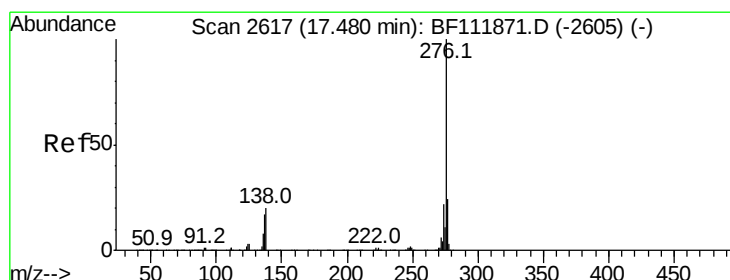
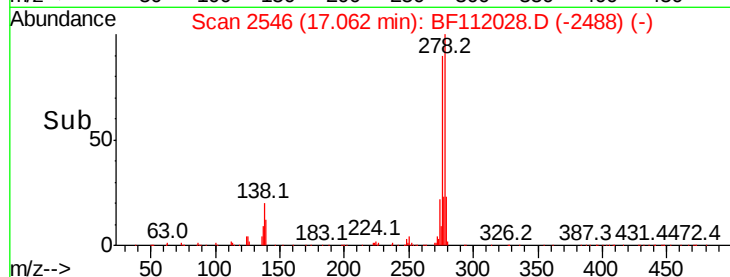
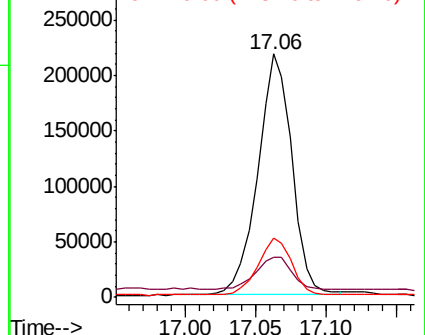
279 24.3 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 55.856 ng

RT: 17.51 min Scan# 2622

Delta R.T. 0.05 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

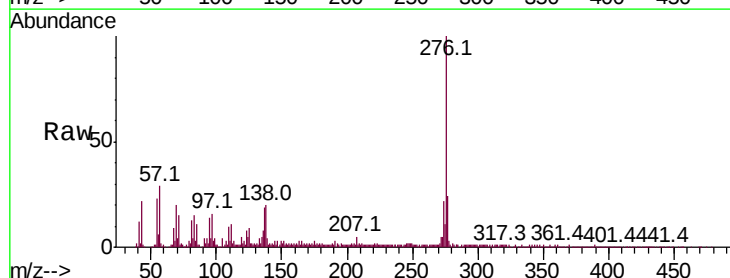
Tgt Ion:276 Resp: 357661

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.6

138 20.4 16.2 24.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

