

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116578.D
 Acq On : 27 Aug 2019 11:02
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 17:46:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	68251	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	281144	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	146646	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	258109	20.00	ng	0.00
76) Chrysene-d12	14.03	240	260508	20.00	ng	0.00
87) Perylene-d12	15.49	264	242882	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	345786	74.03	ng	0.00
7) Phenol-d6	6.50	99	444652	77.64	ng	0.00
23) Nitrobenzene-d5	7.44	82	429209	83.52	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	111082	88.22	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	765617	84.08	ng	0.00
79) Terphenyl-d14	12.97	244	1063121	76.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	69174	34.203	ng	98
3) Pyridine	3.40	79	205707	33.400	ng	96
4) n-Nitrosodimethylamine	3.35	42	87128	38.752	ng	88
6) Aniline	6.54	93	297469	38.363	ng	98
8) 2-Chlorophenol	6.66	128	187048	38.159	ng	97
9) Benzaldehyde	6.42	77	138743	36.256	ng	99
10) Phenol	6.52	94	249590	40.130	ng	97
11) bis(2-Chloroethyl)ether	6.61	93	175145	36.985	ng	99
12) 1,3-Dichlorobenzene	6.82	146	208490	39.297	ng	93
13) 1,4-Dichlorobenzene	6.89	146	212798	41.674	ng	99
14) 1,2-Dichlorobenzene	7.05	146	202503	42.038	ng	98
15) Benzyl Alcohol	7.01	79	184531	39.812	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	209222	31.954	ng	95
17) 2-Methylphenol	7.12	107	160968	39.634	ng	97
18) Hexachloroethane	7.39	117	79238	39.788	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	138356	35.402	ng	99
20) 3+4-Methylphenols	7.27	107	208867	41.982	ng	95
22) Acetophenone	7.28	105	288791	41.079	ng	96
24) Nitrobenzene	7.46	77	212524	39.935	ng	99
25) Isophorone	7.69	82	367359	36.276	ng	99
26) 2-Nitrophenol	7.77	139	95553	49.156	ng	94
27) 2,4-Dimethylphenol	7.80	122	150105	37.008	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	224093	35.832	ng	99
29) 2,4-Dichlorophenol	8.01	162	156705	40.626	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	179875	41.423	ng	98
31) Naphthalene	8.18	128	557258	40.973	ng	100
32) Benzoic acid	7.92	122	126273	48.698	ng	96
33) 4-Chloroaniline	8.22	127	239975	40.193	ng	99
34) Hexachlorobutadiene	8.30	225	102277	43.187	ng	99
35) Caprolactam	8.59	113	49184	36.607	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	172881	39.723	ng	98
37) 2-Methylnaphthalene	8.87	142	362946	38.867	ng	97
38) 1-Methylnaphthalene	8.97	142	344854	39.533	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	163596	41.465	ng	100

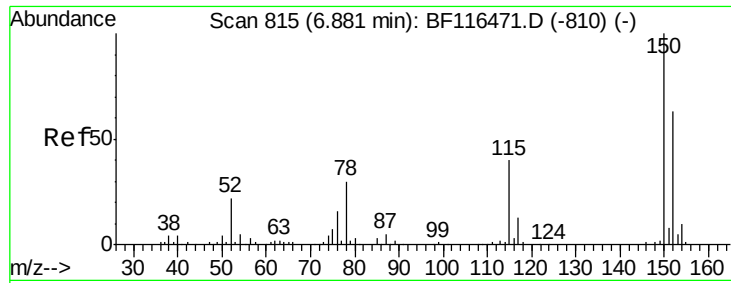
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116578.D
 Acq On : 27 Aug 2019 11:02
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Aug 27 17:46:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	95070	44.786	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	113474	41.094	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	115416	41.079	ng	97
46) 1,1'-Biphenyl	9.33	154	473227	40.362	ng	98
47) 2-Chloronaphthalene	9.36	162	360811	39.695	ng	98
48) 2-Nitroaniline	9.45	65	118971	42.748	ng	100
49) Acenaphthylene	9.77	152	534017	40.156	ng	99
50) Dimethylphthalate	9.63	163	402544	39.343	ng	100
51) 2,6-Dinitrotoluene	9.69	165	86195	41.158	ng	98
52) Acenaphthene	9.95	154	352539	41.313	ng	99
53) 3-Nitroaniline	9.86	138	107260	42.967	ng	88
54) 2,4-Dinitrophenol	9.96	184	40316	52.411	ng	# 1
55) Dibenzofuran	10.12	168	479820	40.338	ng	99
56) 4-Nitrophenol	10.00	139	79673	41.062	ng	96
57) 2,4-Dinitrotoluene	10.09	165	116133	43.580	ng	98
58) Fluorene	10.46	166	374498	40.523	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	95270	41.296	ng	99
60) Diethylphthalate	10.33	149	398216	39.599	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	183211	40.636	ng	93
62) 4-Nitroaniline	10.47	138	111835	45.806	ng	96
63) Azobenzene	10.61	77	396305	38.328	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	51585	48.632	ng	94
66) n-Nitrosodiphenylamine	10.56	169	321247	38.438	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	107424	39.699	ng	# 89
68) Hexachlorobenzene	11.01	284	119320	39.867	ng	98
69) Atrazine	11.09	200	97128	38.788	ng	98
70) Pentachlorophenol	11.19	266	71112	40.724	ng	99
71) Phenanthrene	11.42	178	563385	40.068	ng	99
72) Anthracene	11.47	178	569747	40.325	ng	100
73) Carbazole	11.62	167	512969	40.447	ng	99
74) Di-n-butylphthalate	11.95	149	590899	37.599	ng	99
75) Fluoranthene	12.60	202	613519	42.204	ng	98
77) Benzidine	12.72	184	355179	33.888	ng	98
78) Pyrene	12.83	202	811530	38.954	ng	99
80) Butylbenzylphthalate	13.44	149	329864	36.663	ng	95
81) Benzo(a)anthracene	14.02	228	666391	39.496	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	237006	39.418	ng	99
83) Chrysene	14.06	228	664661	38.867	ng	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	411002	34.258	ng	100
85) Di-n-octyl phthalate	14.63	149	679944	33.383	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	501865	34.259	ng	98
88) Benzo(b)fluoranthene	15.07	252	614013	40.923	ng	99
89) Benzo(k)fluoranthene	15.10	252	546643	40.215	ng	100
90) Benzo(a)pyrene	15.43	252	533305	40.217	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	401523	36.849	ng	98
92) Benzo(g,h,i)perylene	17.40	276	393093	37.841	ng	97

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

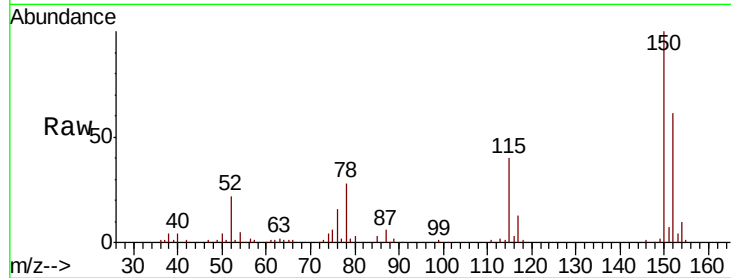


#1

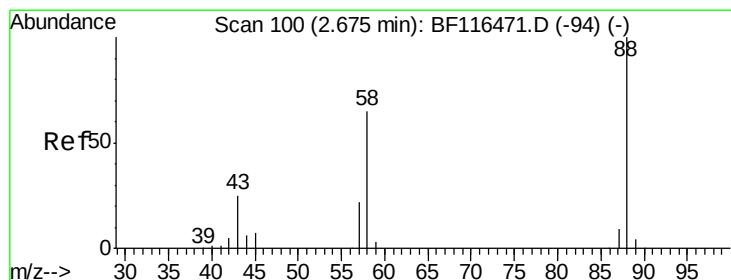
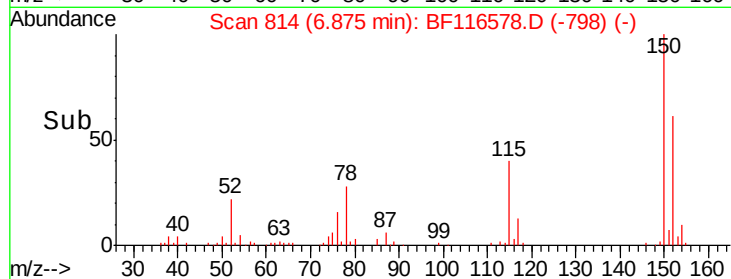
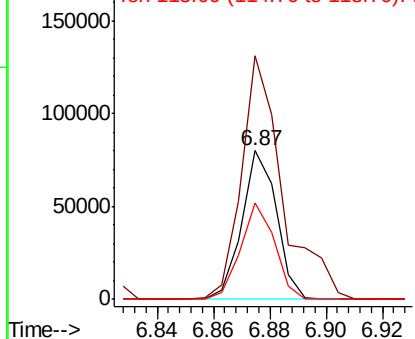
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.1	126.7	190.1
115	65.3	50.9	76.3



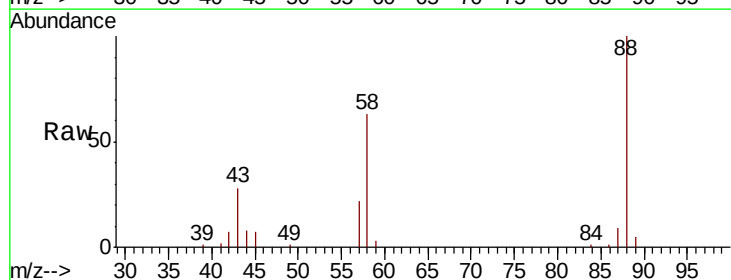
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



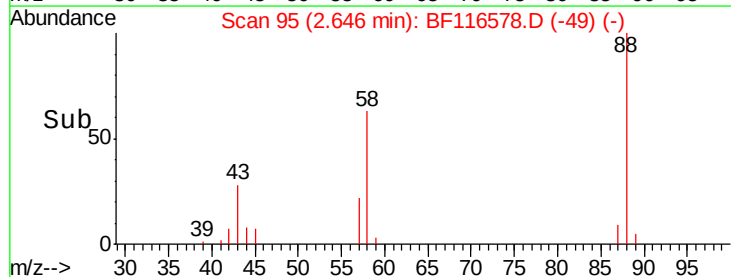
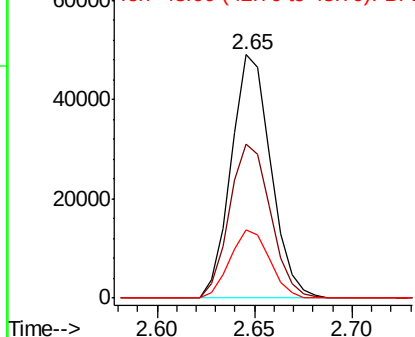
#2

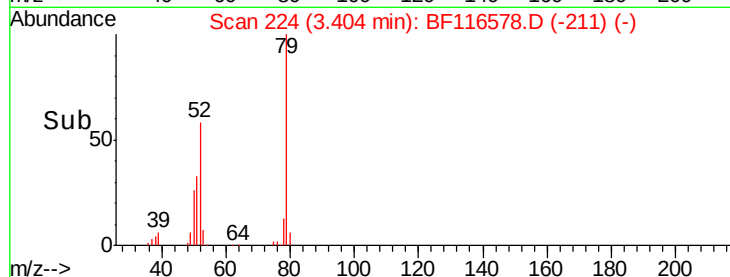
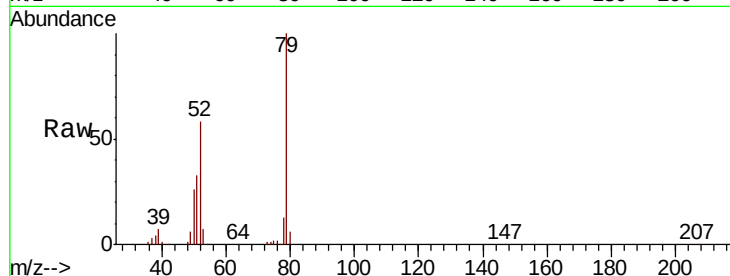
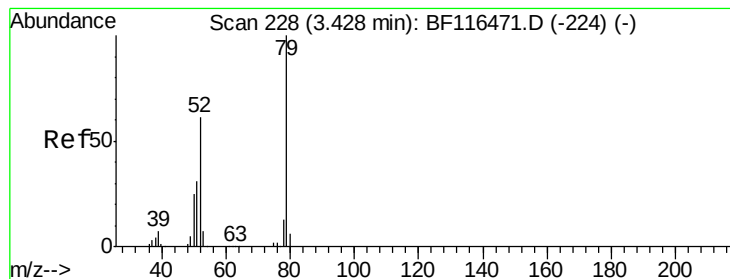
1,4-Dioxane
Concen: 34.203 ng
RT: 2.65 min Scan# 95
Delta R.T. -0.03 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.3	53.4	80.0
43	27.9	21.2	31.8



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: 33.400 ng

RT: 3.40 min Scan# 224

Delta R.T. -0.02 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Instrument :

BNA_F

ClientSampleId :

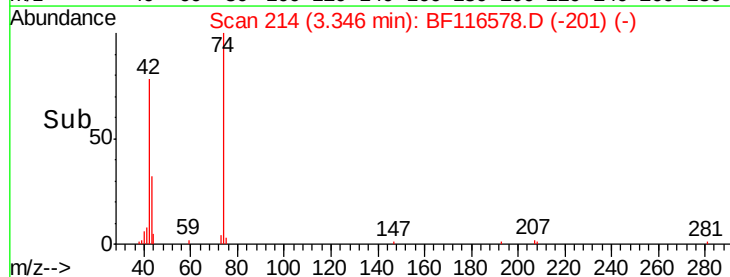
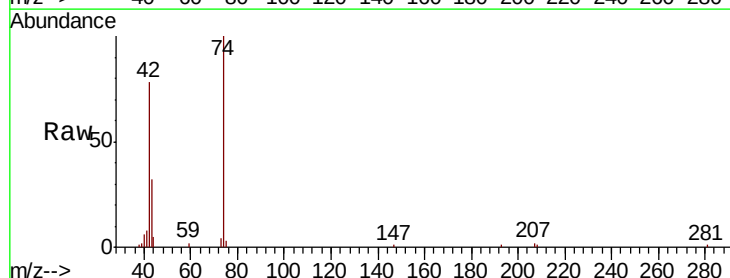
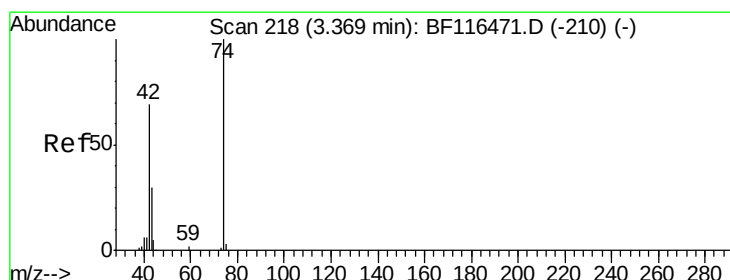
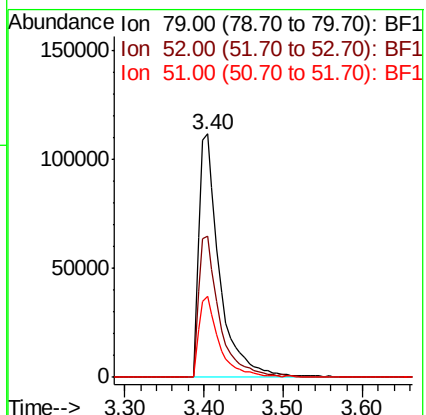
Tot Ion: 79 Resp: 205707

Ion Ratio Lower Upper

79 100

52 57.9 48.8 73.2

51 33.2 25.2 37.8



#4

n-Nitrosodimethylamine

Concen: 38.752 ng

RT: 3.35 min Scan# 214

Delta R.T. -0.02 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

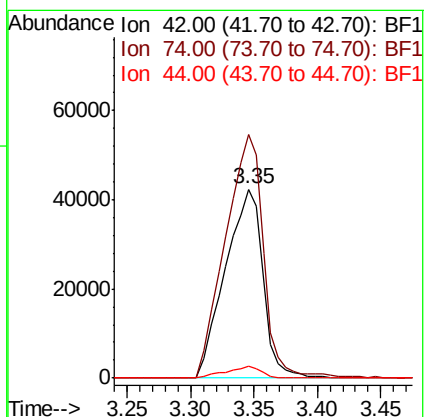
Tgt Ion: 42 Resp: 87128

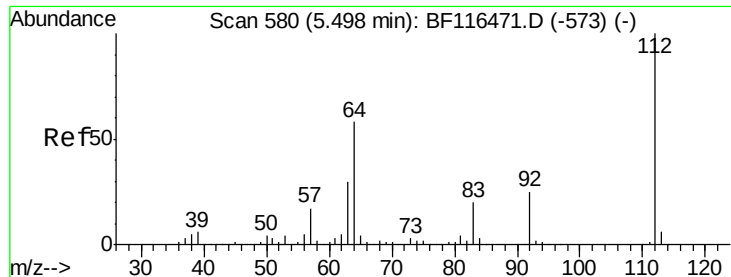
Ion Ratio Lower Upper

42 100

74 129.0 115.3 172.9

44 6.1 5.8 8.8





#5

2-Fluorophenol

Concen: 74.027 ng

RT: 5.49 min Scan# 579

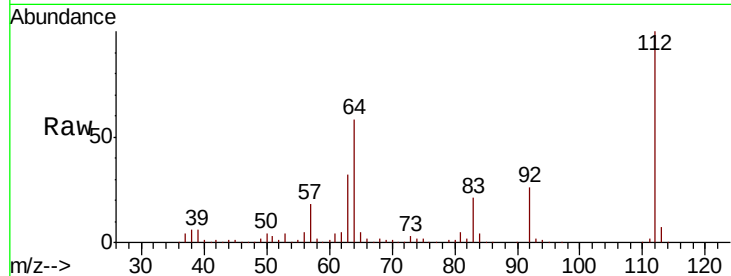
Delta R.T. -0.01 min

Lab File: BF116578.D

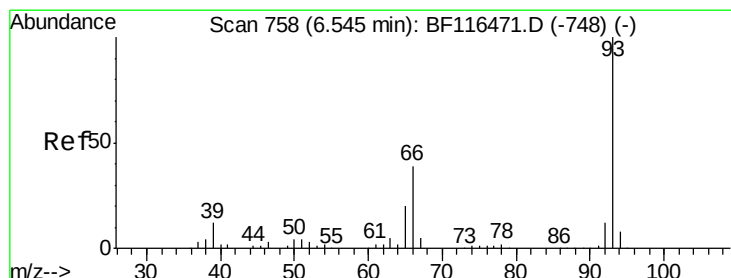
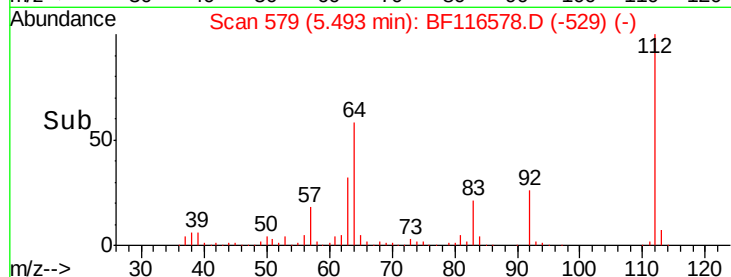
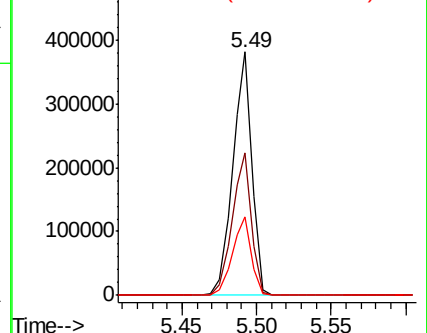
Acq: 27 Aug 2019 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	345786
Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.3	69.5
63	32.1	24.2	36.4



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



#6

Aniline

Concen: 38.363 ng

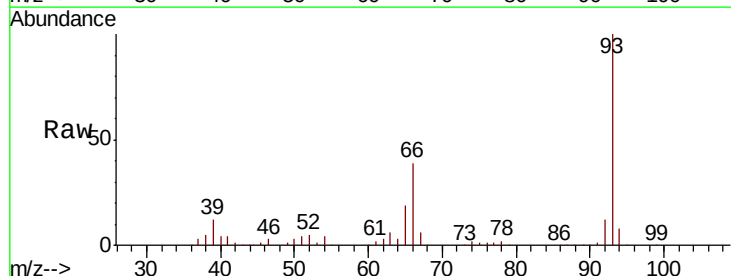
RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

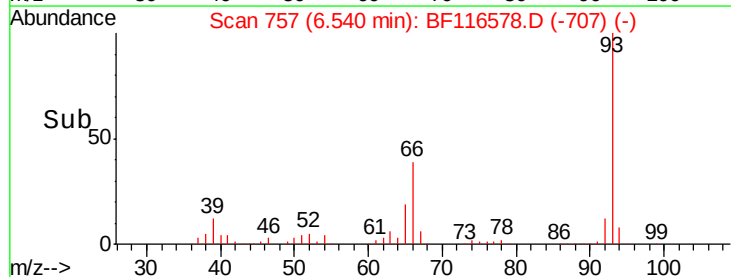
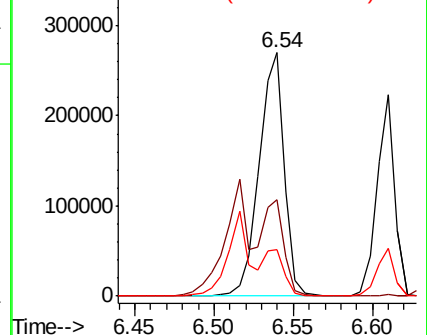
Lab File: BF116578.D

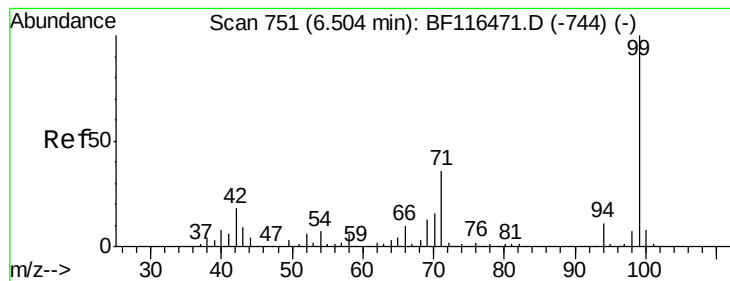
Acq: 27 Aug 2019 11:02

Tgt Ion:	93	Resp:	297469
Ion	Ratio	Lower	Upper
93	100		
66	39.3	32.2	48.2
65	19.3	16.3	24.5



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: 77.636 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Instrument :

BNA_F

ClientSampled :

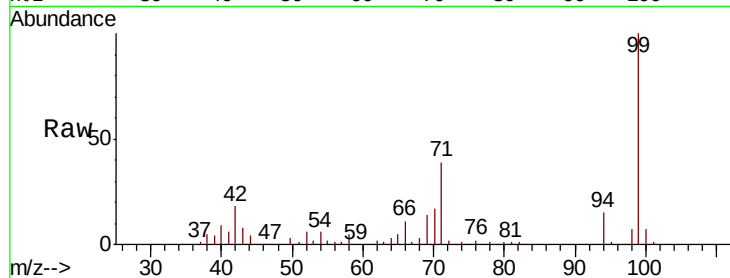
Tot Ion: 99 Resp: 444652

Ion Ratio Lower Upper

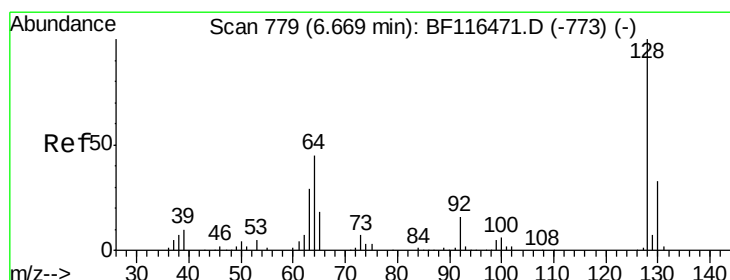
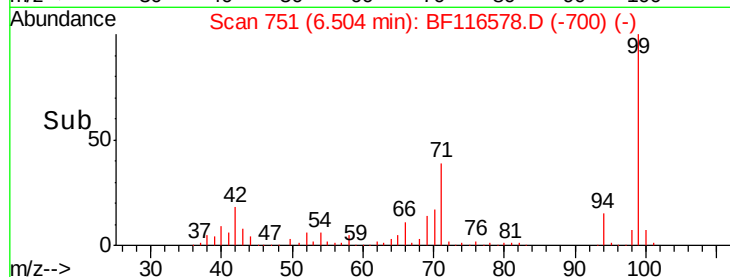
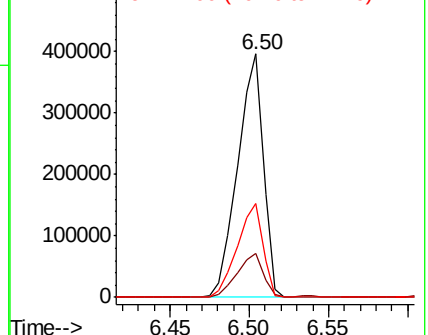
99 100

42 18.2 14.6 21.8

71 38.6 28.5 42.7



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: 38.159 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

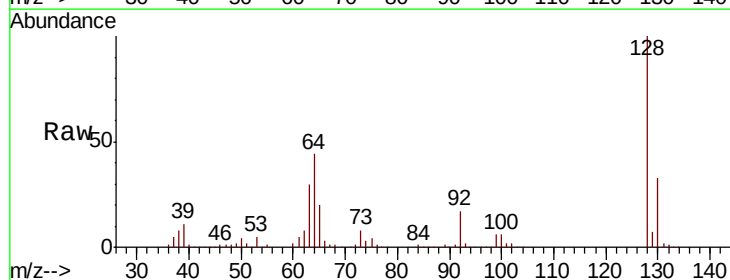
Tgt Ion: 128 Resp: 187048

Ion Ratio Lower Upper

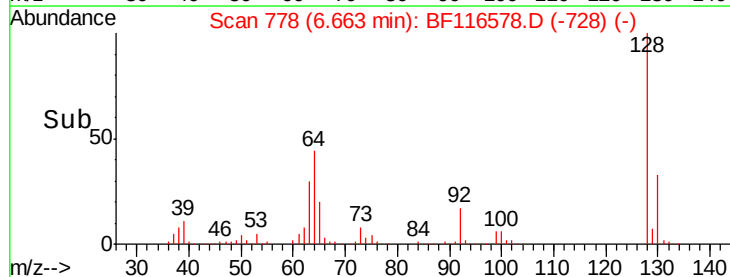
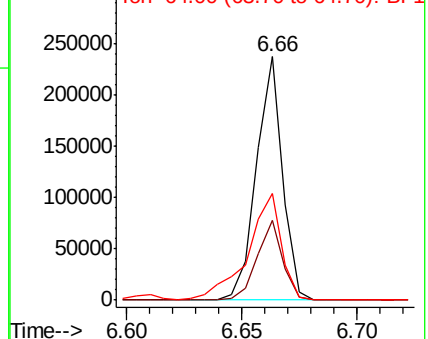
128 100

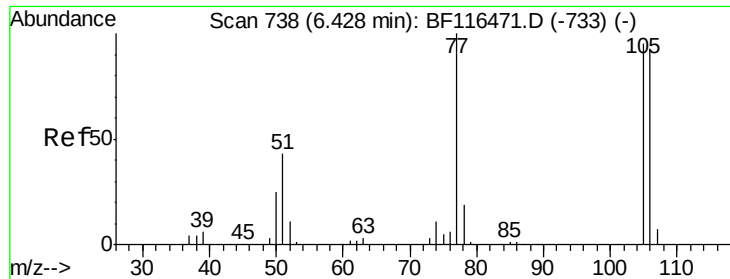
130 32.7 13.4 53.4

64 43.8 26.3 66.3



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: 36.256 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Instrument :

BNA_F

ClientSampleId :

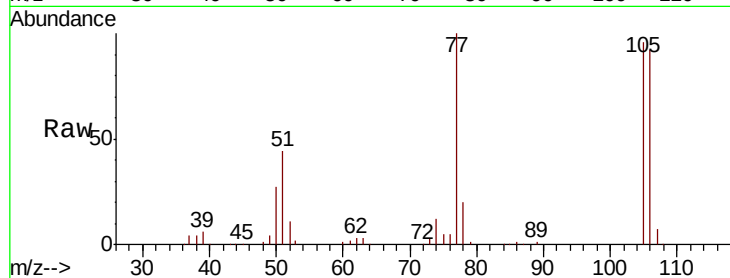
Tot Ion: 77 Resp: 138743

Ion Ratio Lower Upper

77 100

105 96.0 75.5 115.5

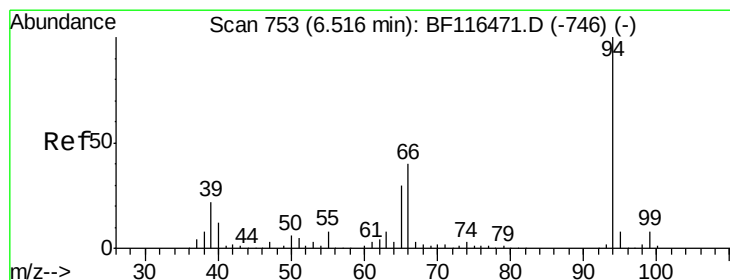
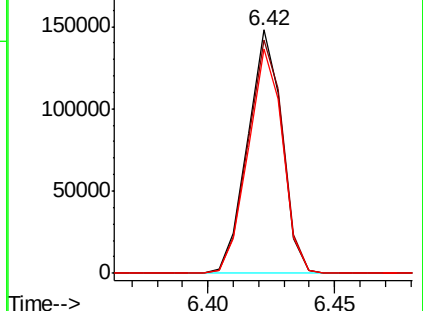
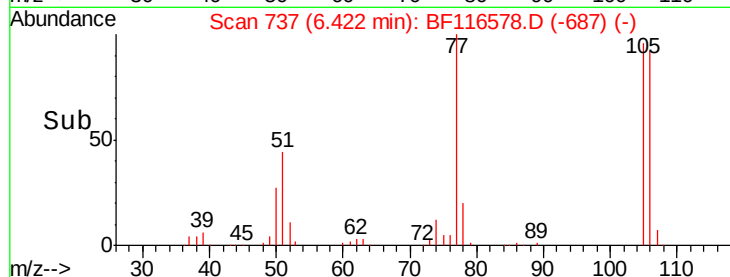
106 92.0 73.2 113.2



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: 40.130 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

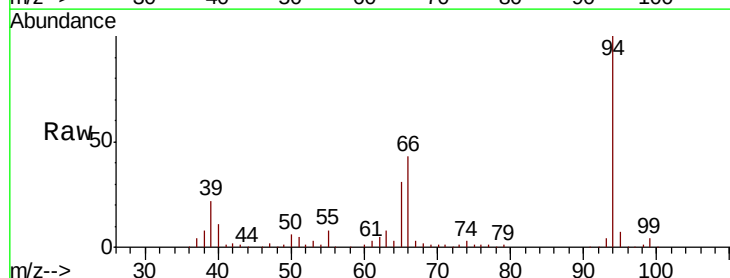
Tgt Ion: 94 Resp: 249590

Ion Ratio Lower Upper

94 100

65 31.1 10.0 50.0

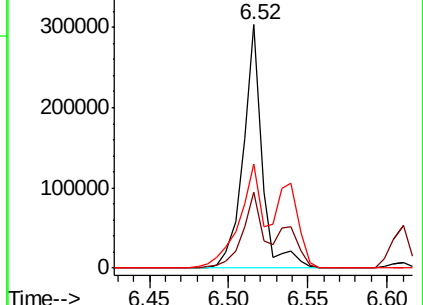
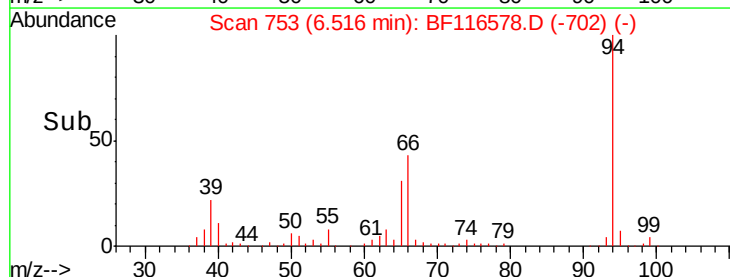
66 42.7 19.8 59.8

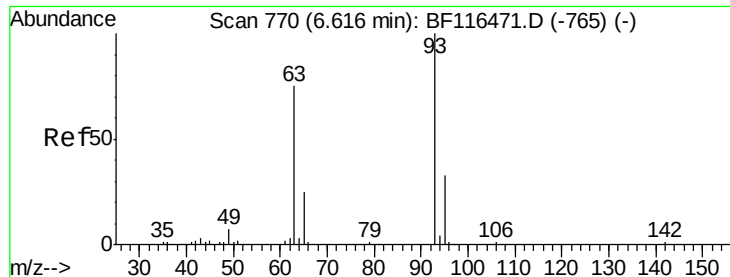


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

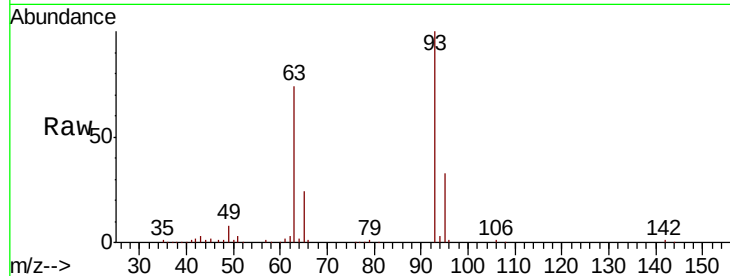




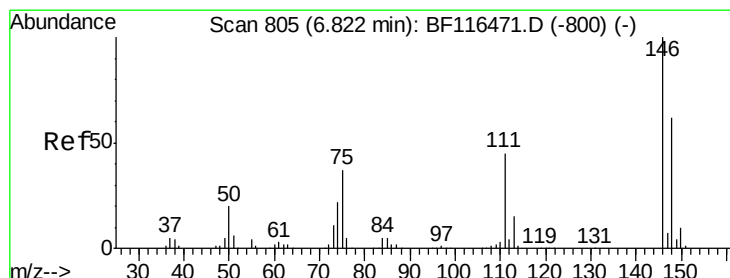
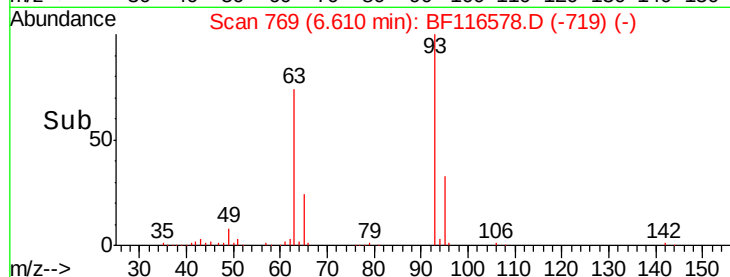
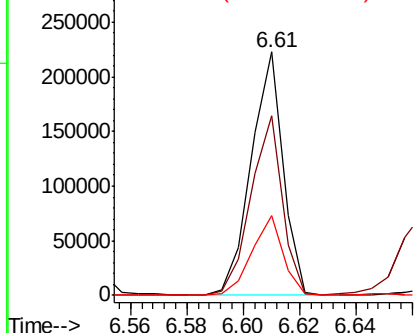
#11
bis(2-Chloroethyl)ether
Concen: 36.985 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 175145
Ion Ratio Lower Upper
93 100
63 73.5 54.3 94.3
95 32.6 13.3 53.3

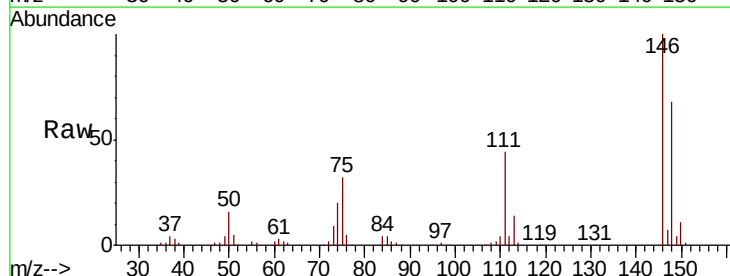


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

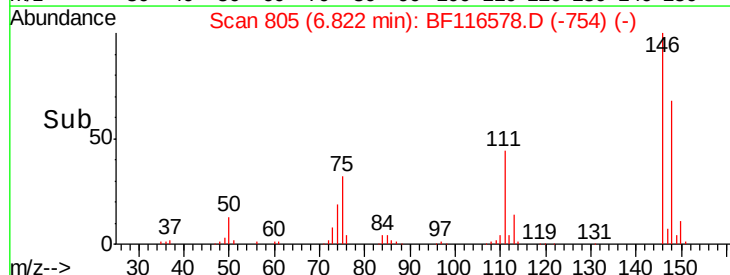
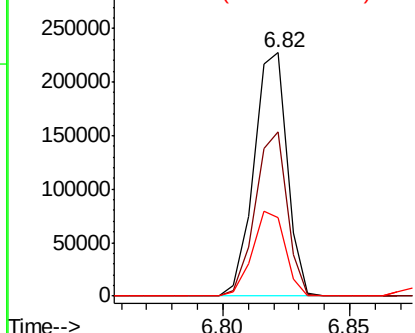


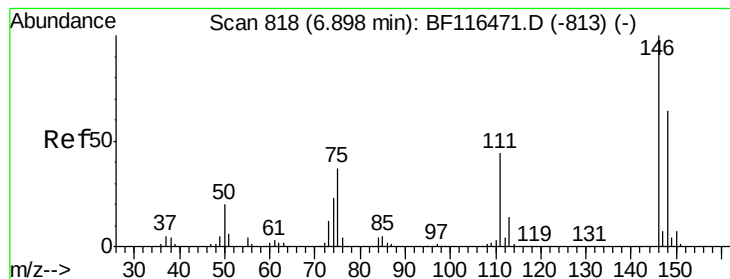
#12
1,3-Dichlorobenzene
Concen: 39.297 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Tgt Ion: 146 Resp: 208490
Ion Ratio Lower Upper
146 100
148 67.6 49.8 74.8
75 32.2 29.3 43.9



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





#13

1,4-Dichlorobenzene

Concen: 41.674 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Instrument :

BNA_F

ClientSampleId :

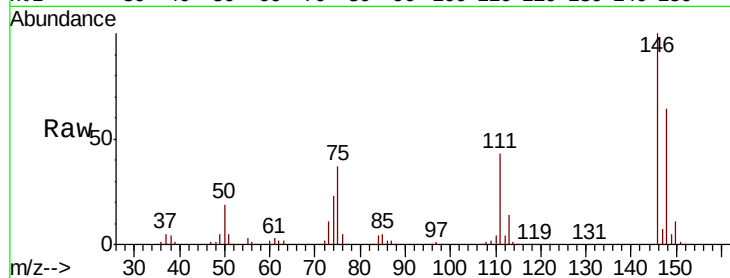
Tot Ion:146 Resp: 212798

Ion Ratio Lower Upper

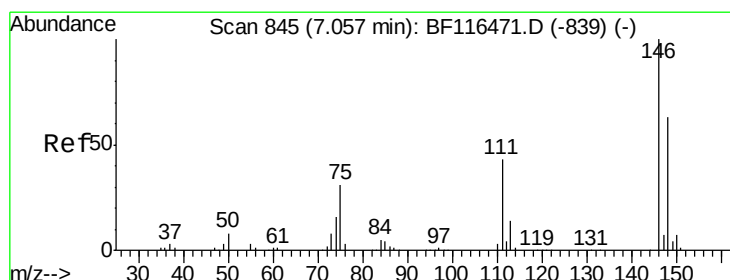
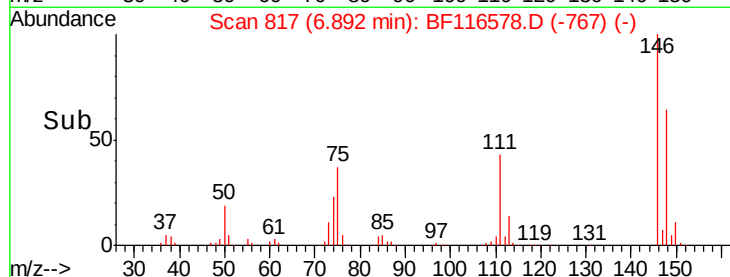
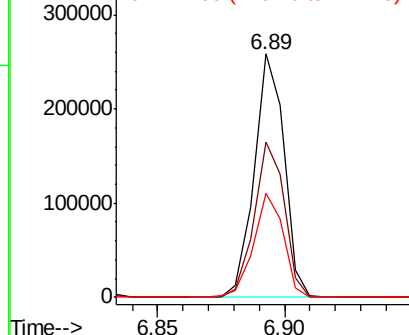
146 100

148 63.9 51.0 76.4

111 42.8 35.4 53.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.038 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

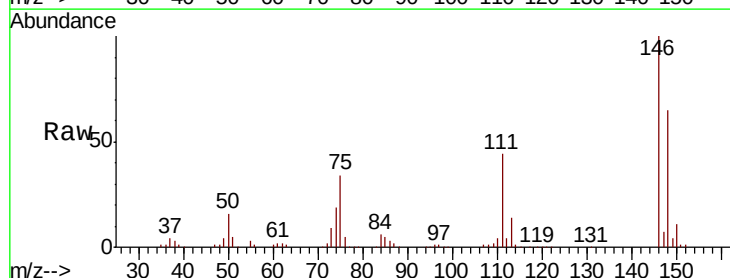
Tgt Ion:146 Resp: 202503

Ion Ratio Lower Upper

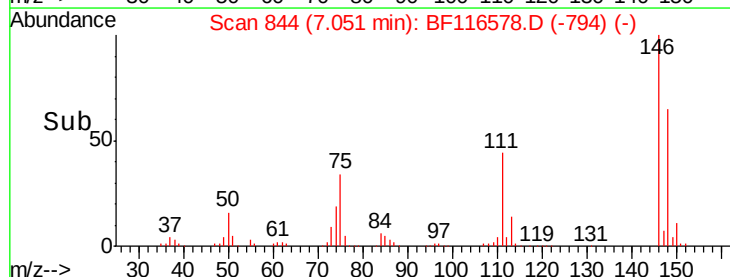
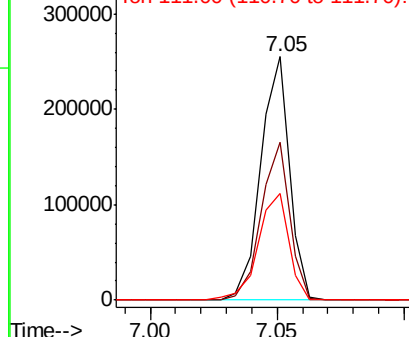
146 100

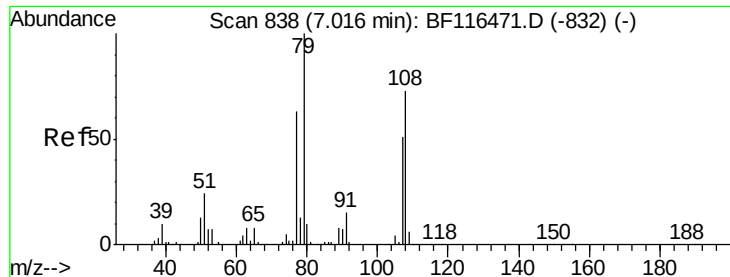
148 65.0 50.8 76.2

111 43.8 34.5 51.7



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: 39.812 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Instrument :

BNA_F

ClientSampleId :

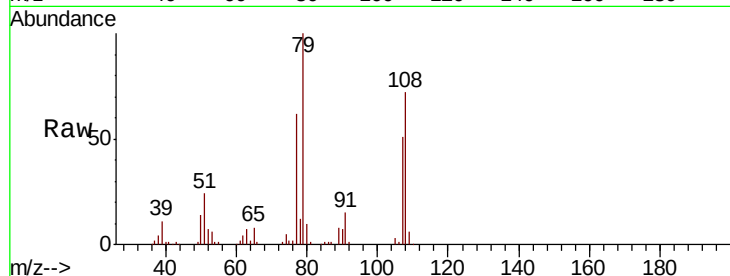
Tot Ion: 79 Resp: 184531

Ion Ratio Lower Upper

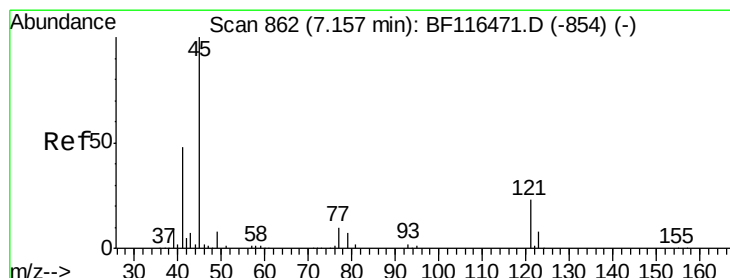
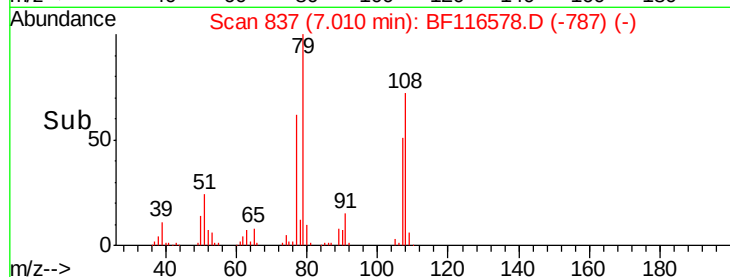
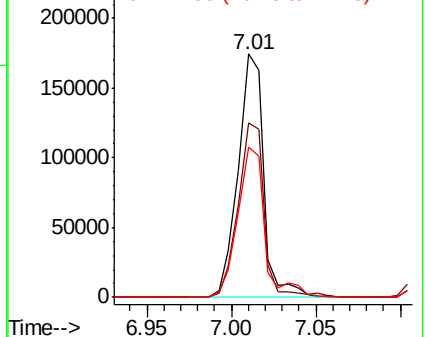
79 100

108 71.8 58.1 87.1

77 61.8 50.6 76.0



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: 31.954 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

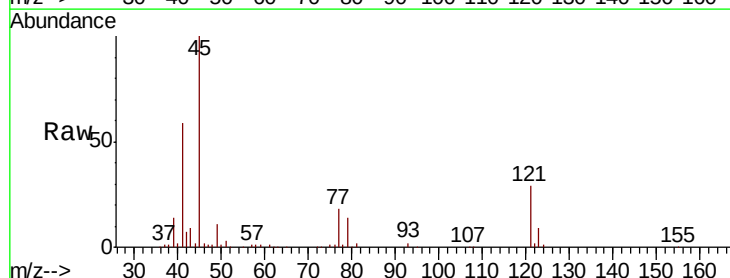
Tgt Ion: 45 Resp: 209222

Ion Ratio Lower Upper

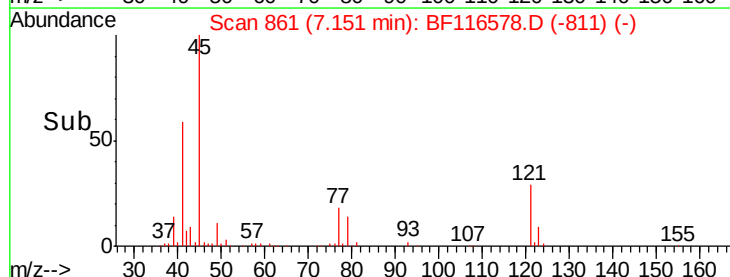
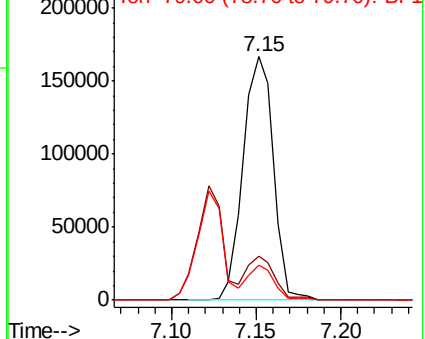
45 100

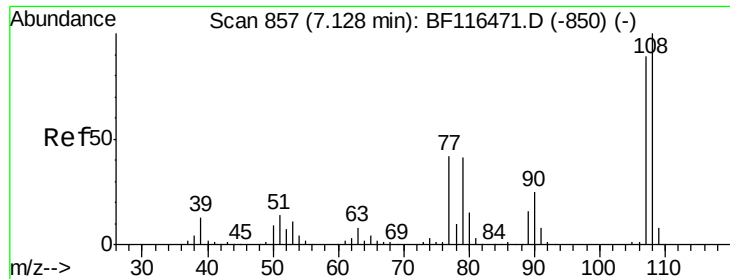
77 18.2 0.0 36.1

79 14.4 0.0 32.3



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

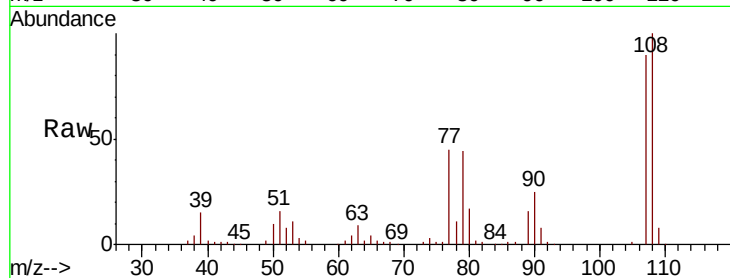




#17
2-Methylphenol
Concen: 39.634 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.7	90.0	135.0
77	50.1	37.6	56.4
79	48.2	36.8	55.2



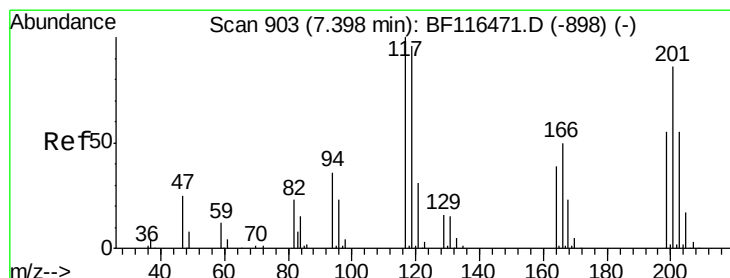
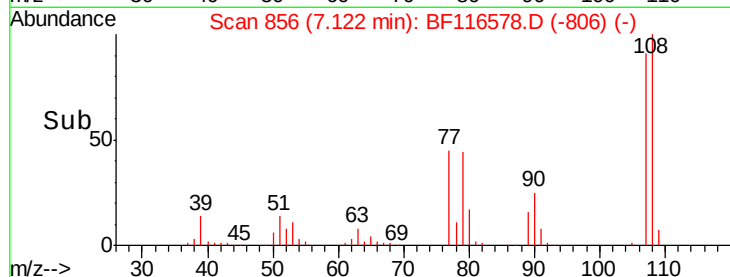
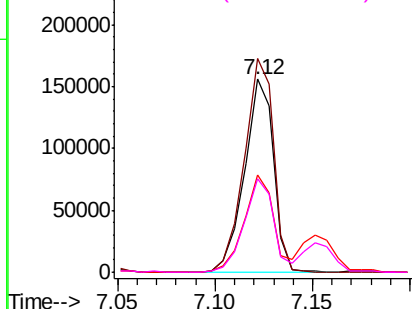
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

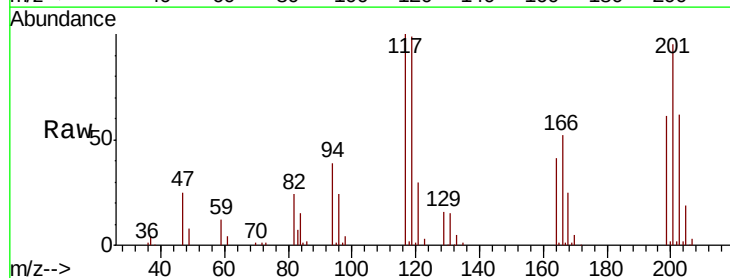
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.788 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.5	77.0	115.6
201	94.9	69.1	103.7

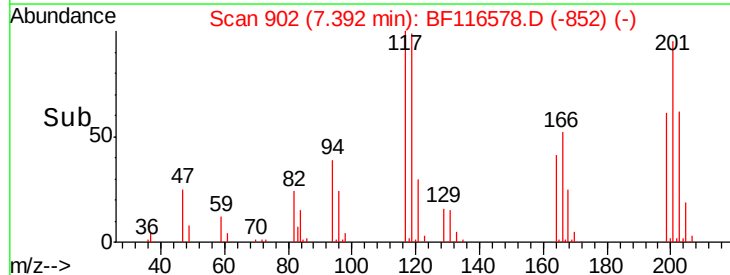
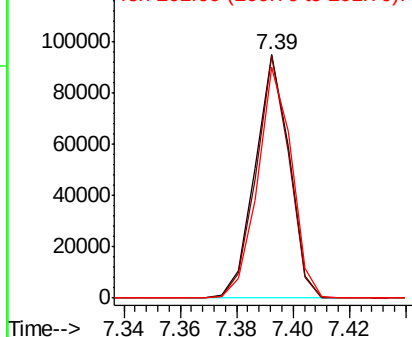


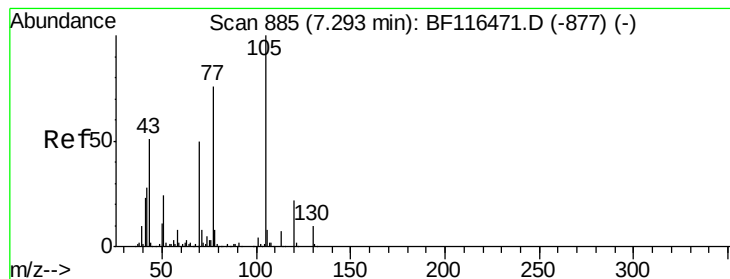
Abundance

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





#19

n-Nitroso-di-n-propylamine

Concen: 35.402 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 138356

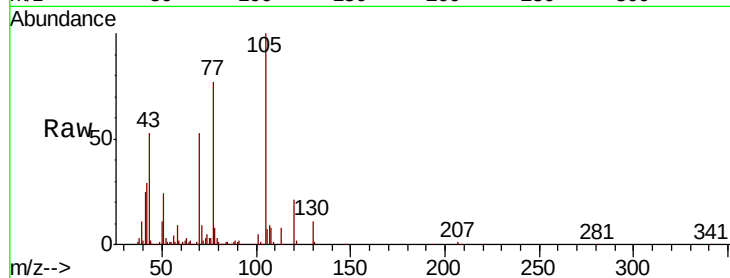
Ion Ratio Lower Upper

70 100

42 55.3 44.4 66.6

101 10.1 7.1 10.7

130 21.2 15.8 23.8

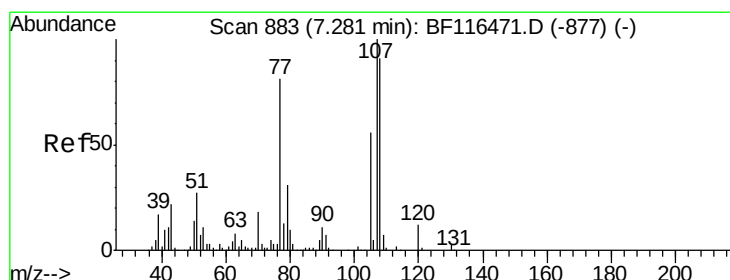
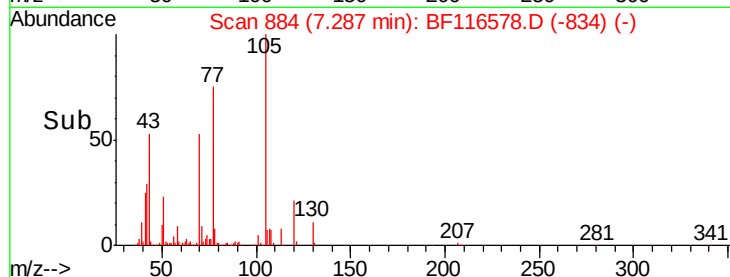
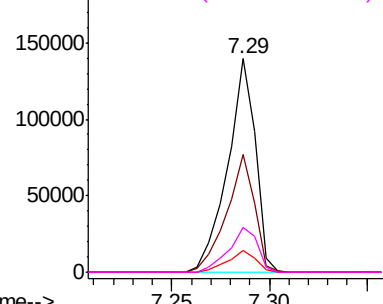


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 41.982 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Tgt Ion:107 Resp: 208867

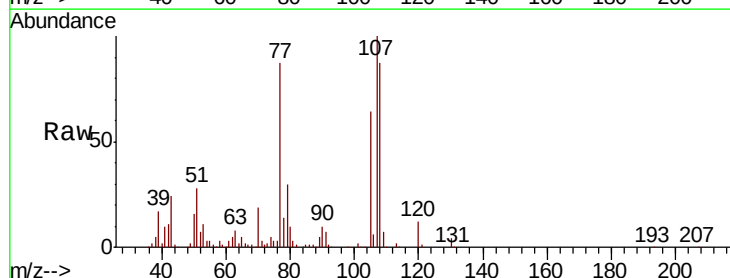
Ion Ratio Lower Upper

107 100

108 87.4 70.7 110.7

77 86.5 60.6 100.6

79 29.7 11.1 51.1

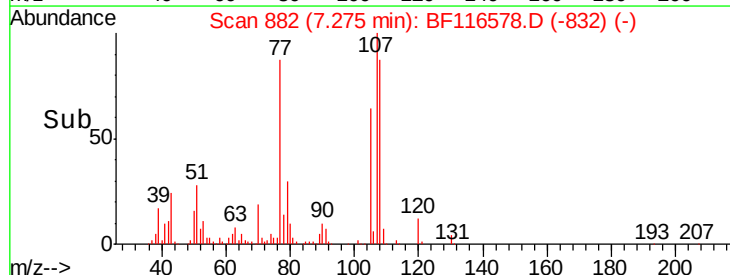
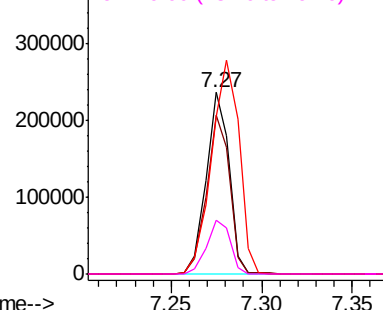


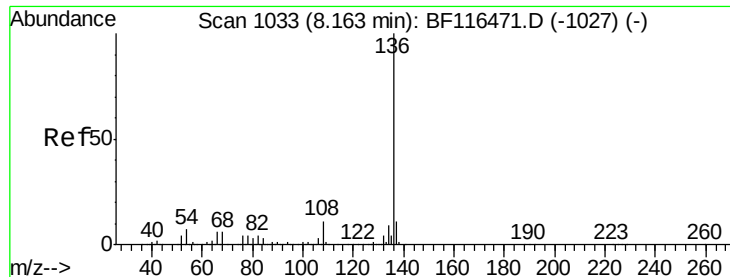
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

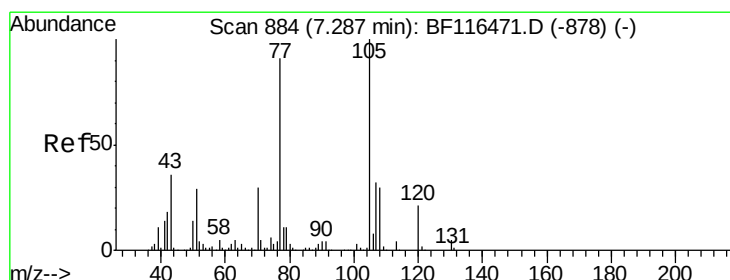
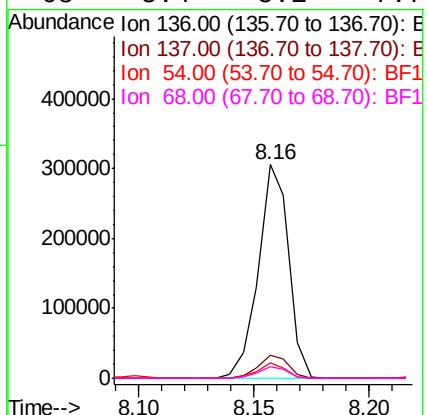
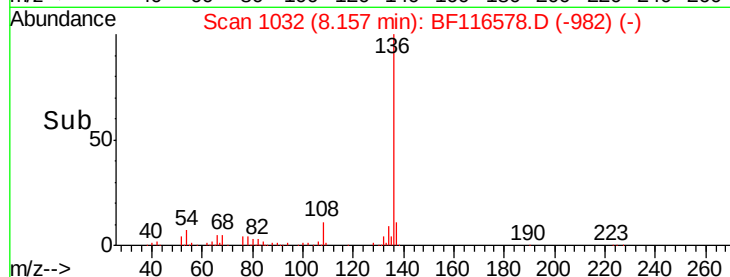
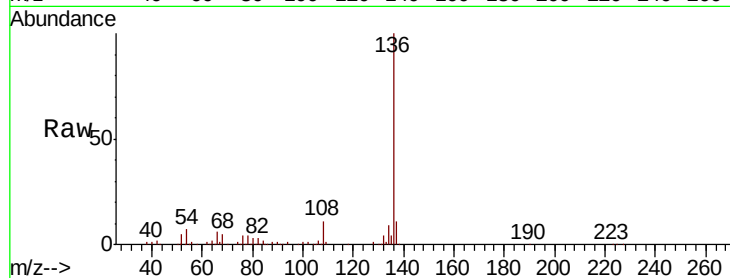




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

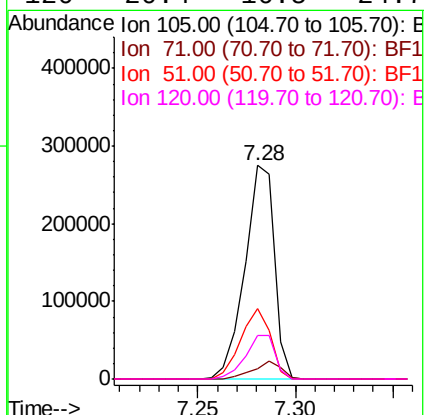
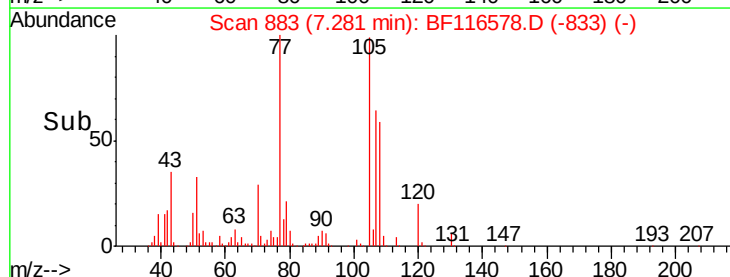
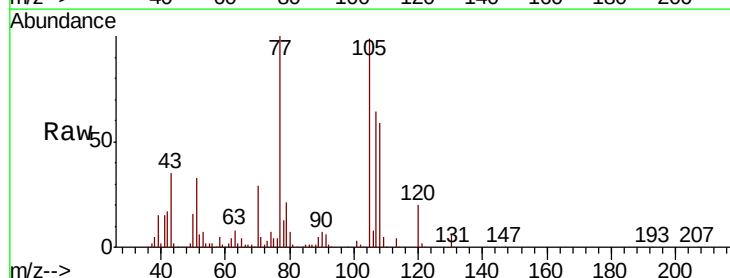
Instrument :
BNA_F
ClientSampleId :

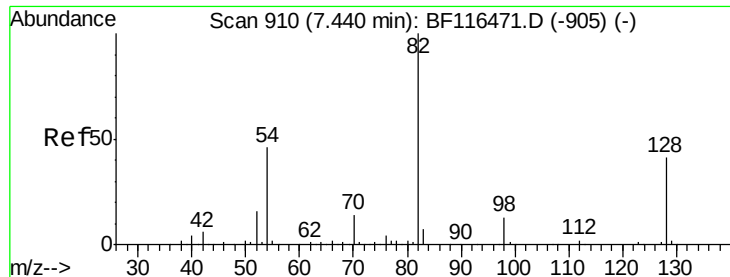
Tot Ion:136	Resp:	281144
Ion Ratio	Lower	Upper
136 100		
137 10.8	9.0	13.4
54 7.0	5.8	8.6
68 5.4	5.1	7.7



#22
Acetophenone
Concen: 41.079 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Tgt Ion:105	Resp:	288791
Ion Ratio	Lower	Upper
105 100		
71 5.1	4.2	6.2
51 33.0	23.0	34.4
120 20.4	16.5	24.7

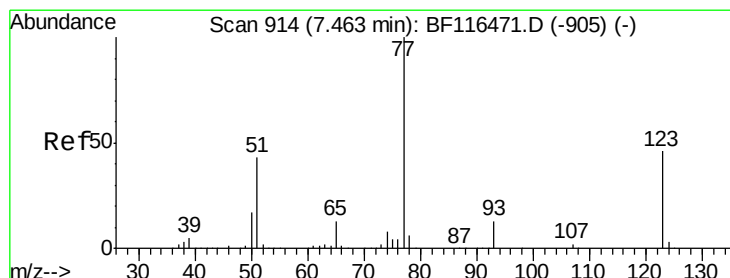
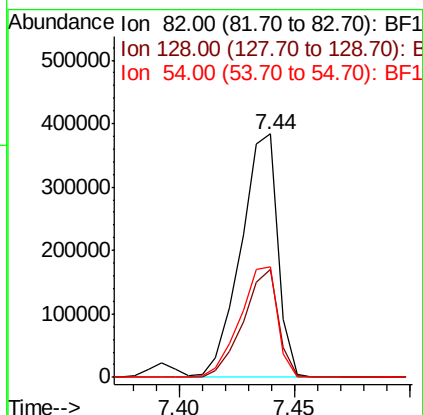
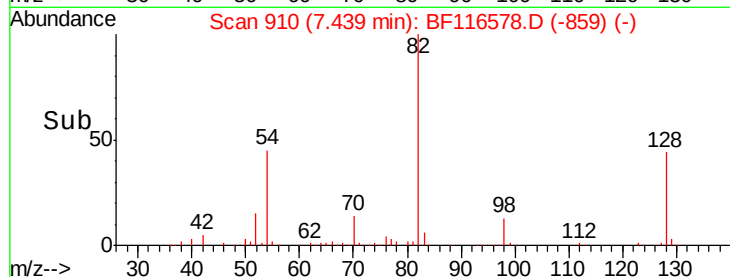
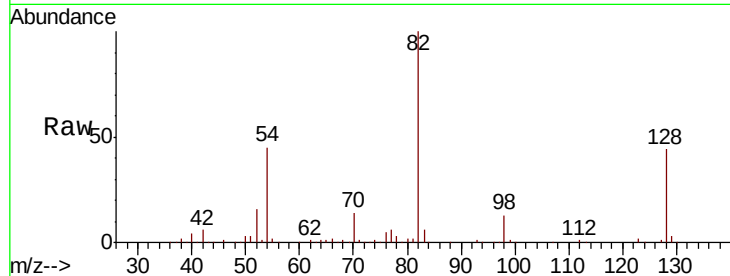




#23
 Nitrobenzene-d5
 Concen: 83.523 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF116578.D
 Acq: 27 Aug 2019 11:02

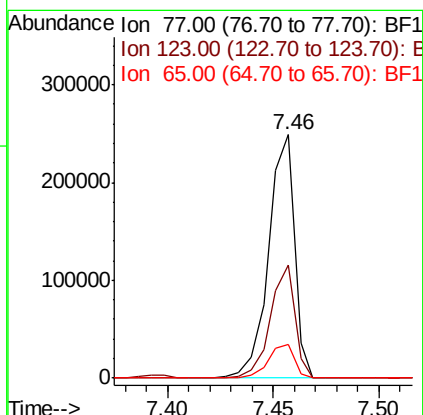
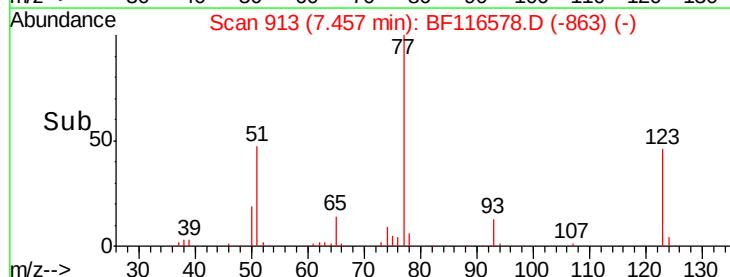
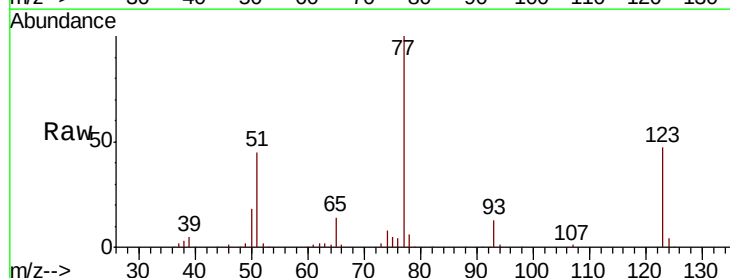
Instrument :
 BNA_F
 ClientSampleId :

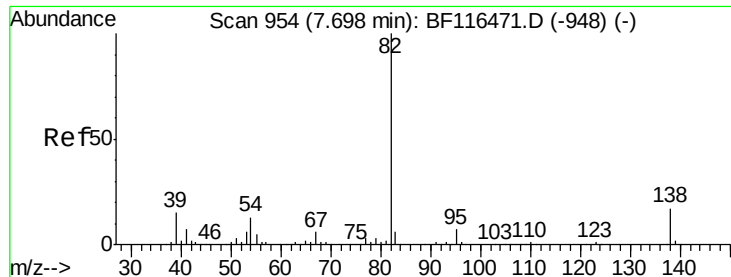
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	32.2	48.4
54	45.2	36.5	54.7



#24
 Nitrobenzene
 Concen: 39.935 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF116578.D
 Acq: 27 Aug 2019 11:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	37.0	55.4
65	13.7	10.5	15.7





#25

Isophorone

Concen: 36.276 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Instrument :

BNA_F

ClientSampled :

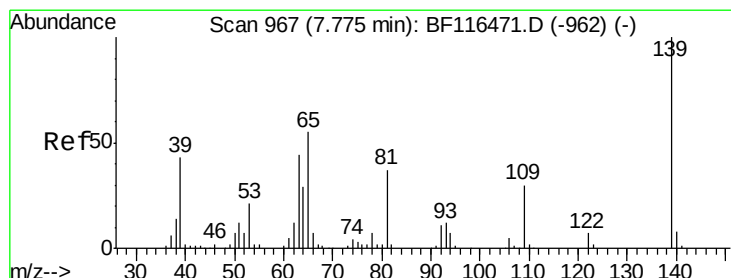
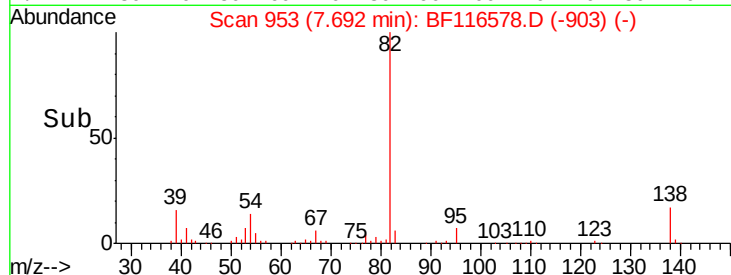
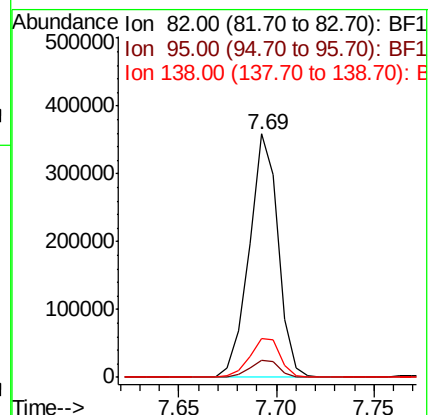
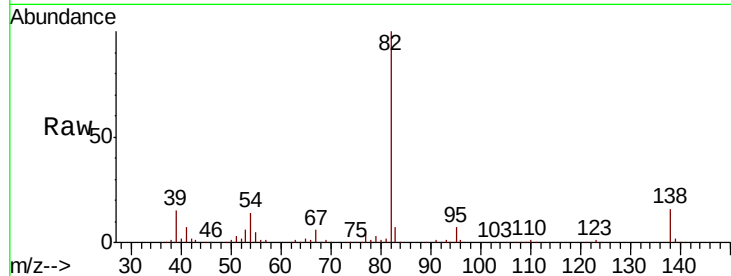
Tot Ion: 82 Resp: 367359

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 16.0 13.3 19.9



#26

2-Nitrophenol

Concen: 49.156 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

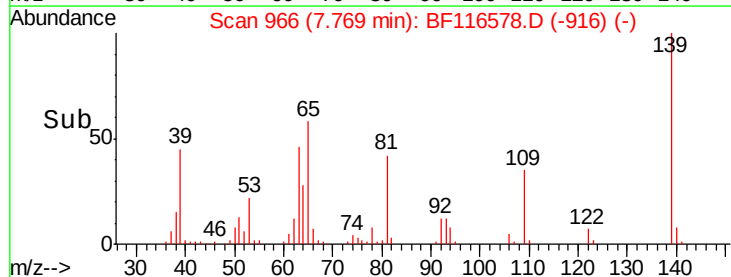
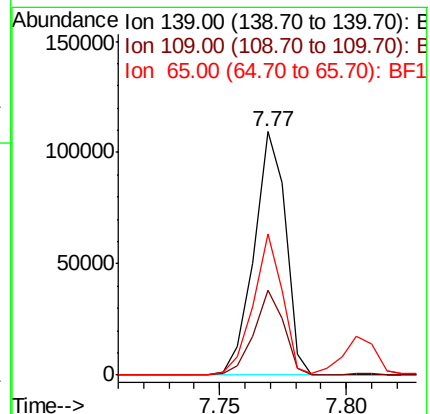
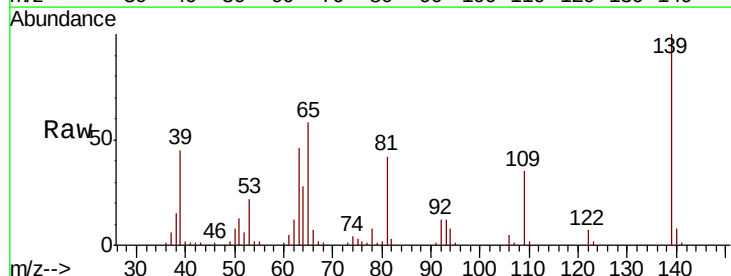
Tgt Ion: 139 Resp: 95553

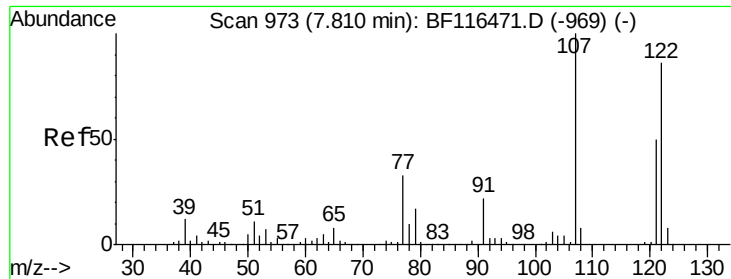
Ion Ratio Lower Upper

139 100

109 35.0 24.3 36.5

65 57.8 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 37.008 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Instrument :

BNA_F

ClientSampled :

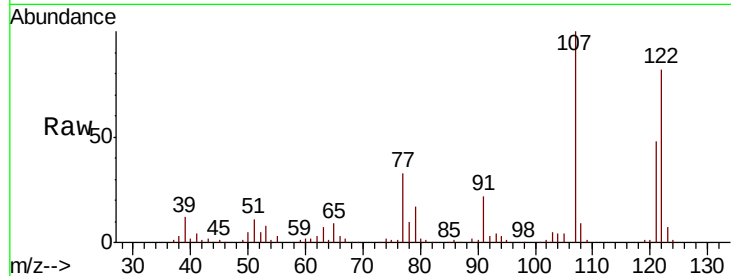
Tot Ion:122 Resp: 150105

Ion Ratio Lower Upper

122 100

107 121.9 92.4 138.6

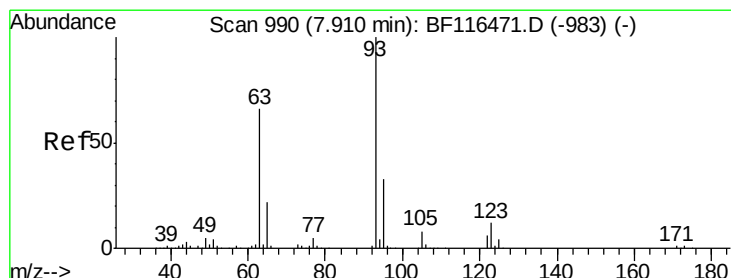
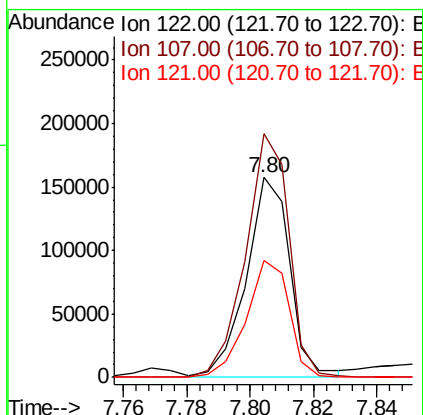
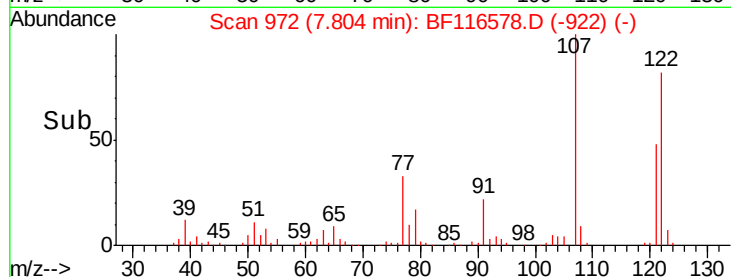
121 58.6 46.2 69.4



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: 35.832 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

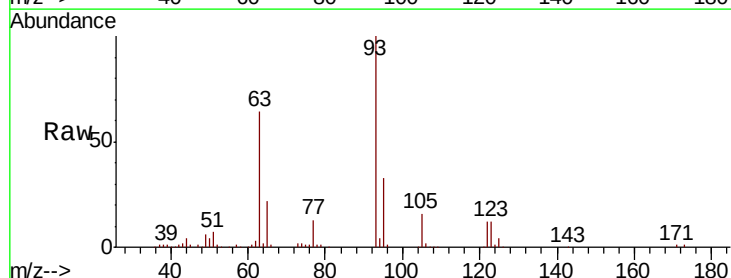
Tgt Ion: 93 Resp: 224093

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

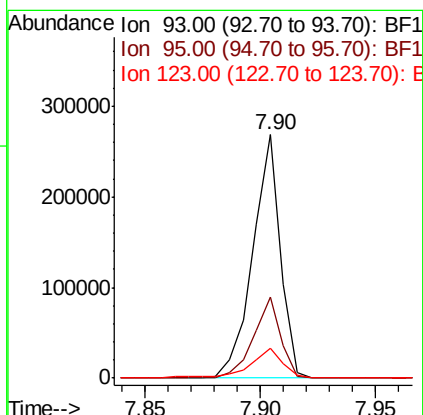
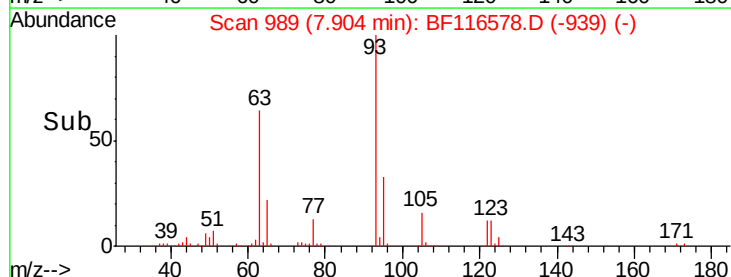
123 12.1 9.8 14.6

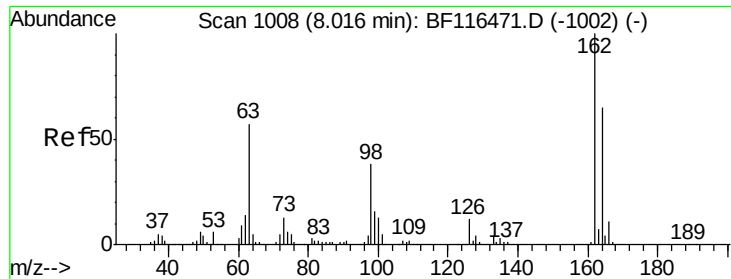


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

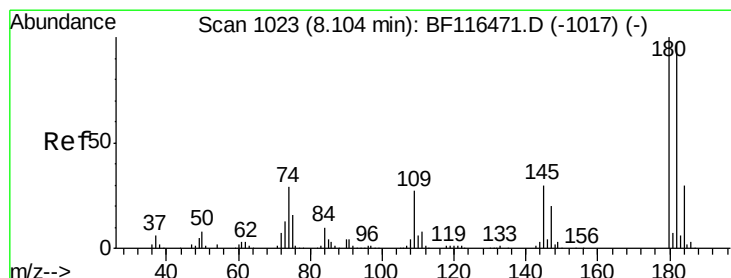
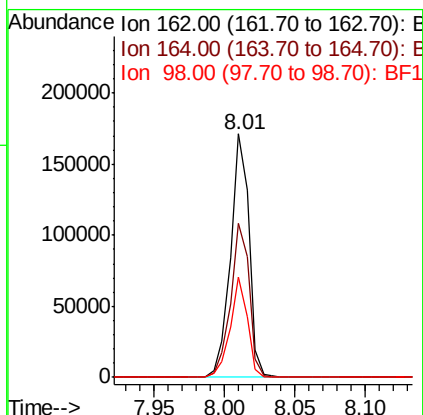
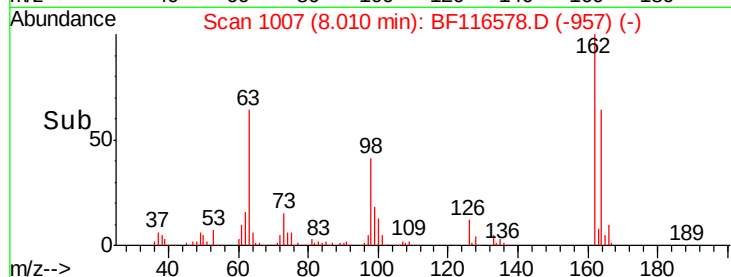
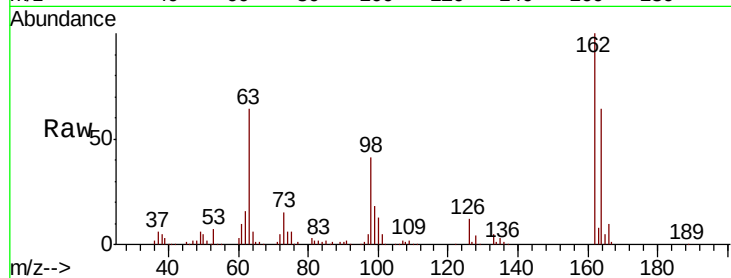




#29
2,4-Dichlorophenol
Concen: 40.626 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

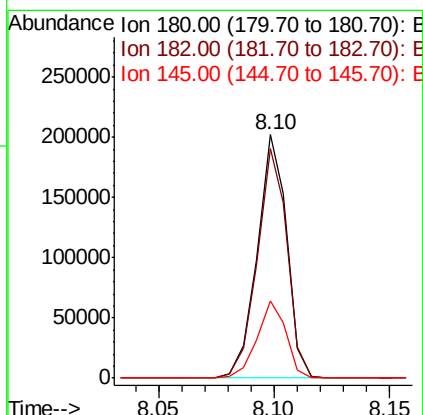
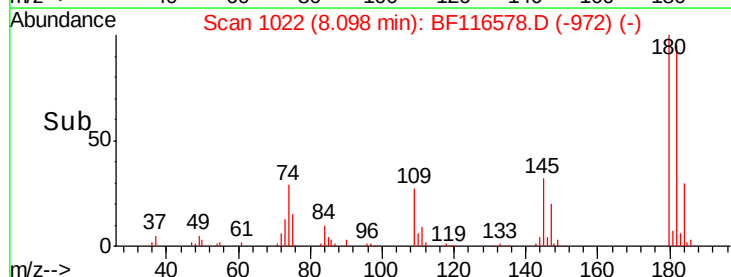
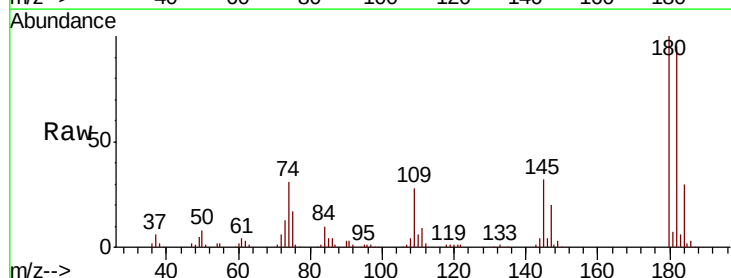
Instrument :
BNA_F
ClientSampleId :

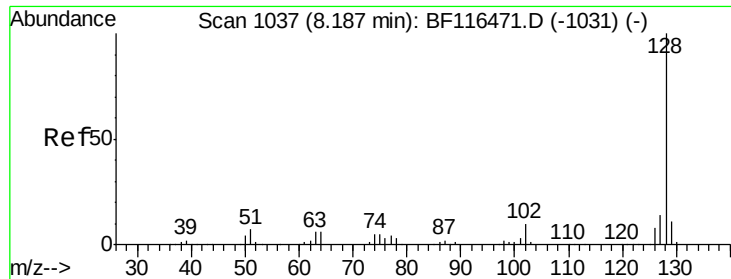
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.9	84.9
98	41.0	17.9	57.9



#30
1,2,4-Trichlorobenzene
Concen: 41.423 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.4	116.0
145	31.6	24.3	36.5





#31

Naphthalene

Concen: 40.973 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Instrument :

BNA_F

ClientSampled :

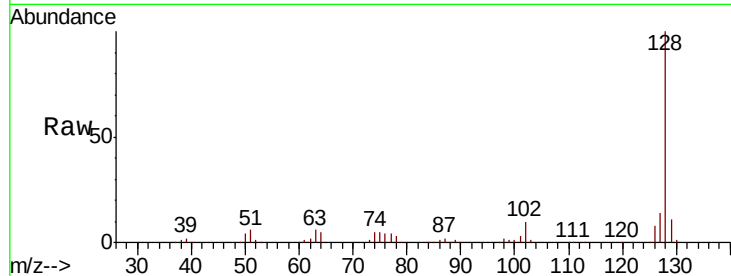
Tot Ion:128 Resp: 557258

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

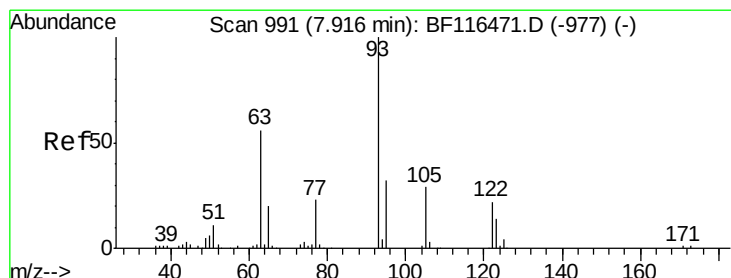
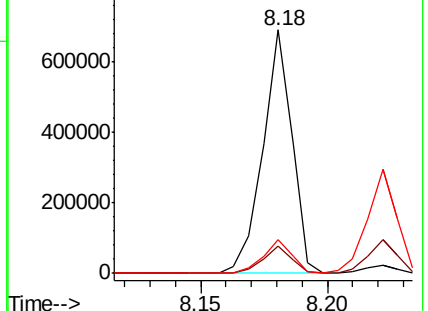
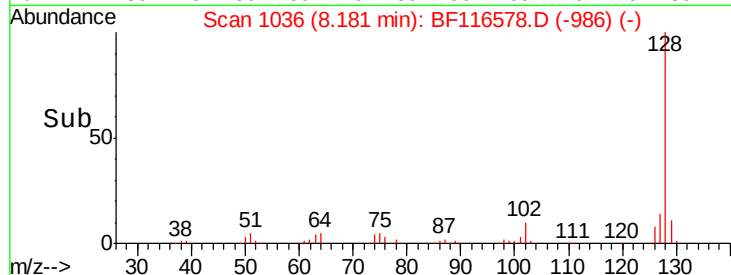
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.698 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

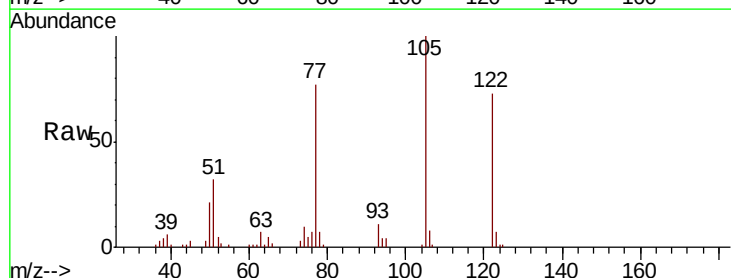
Tgt Ion:122 Resp: 126273

Ion Ratio Lower Upper

122 100

105 137.9 109.9 149.9

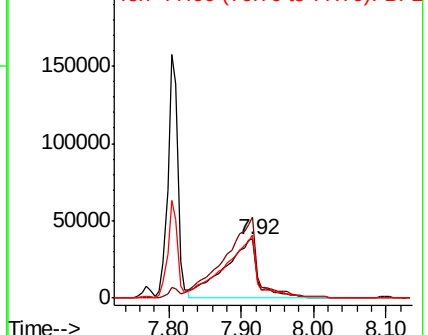
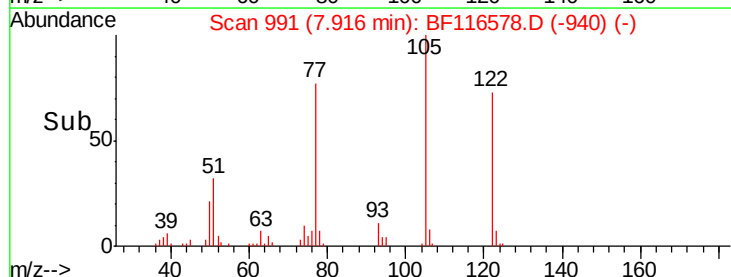
77 105.8 84.9 124.9

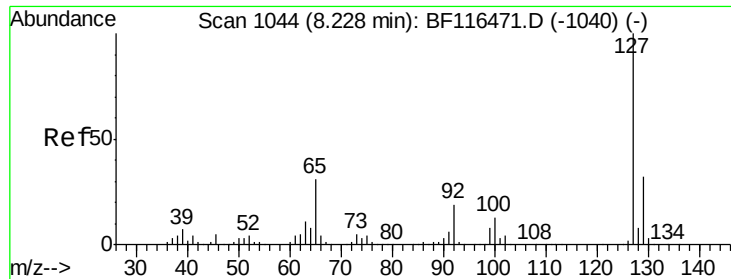


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

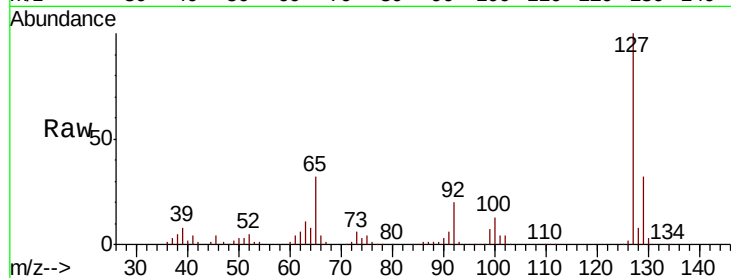




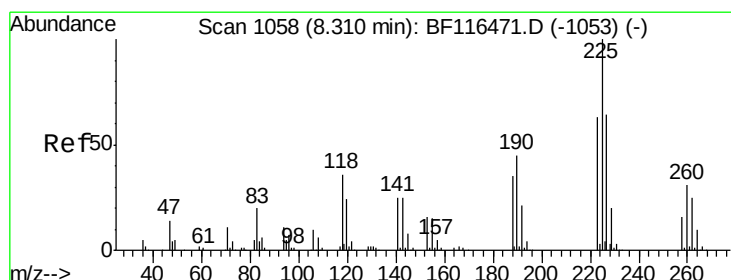
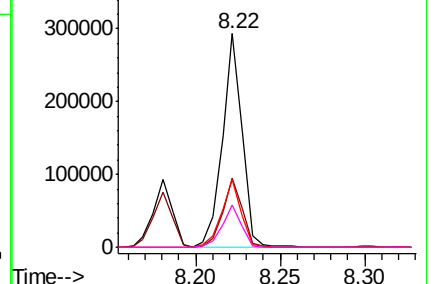
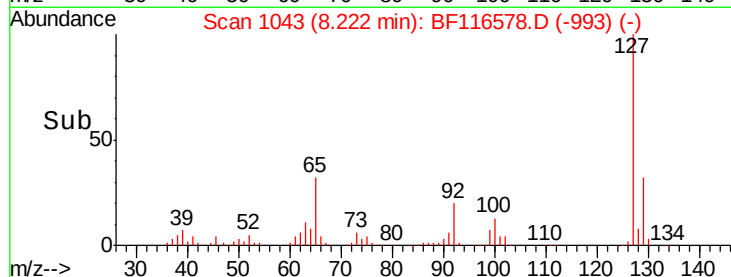
#33
4-Chloroaniline
Concen: 40.193 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	239975
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	31.7	25.0	37.6
92	19.7	15.0	22.6

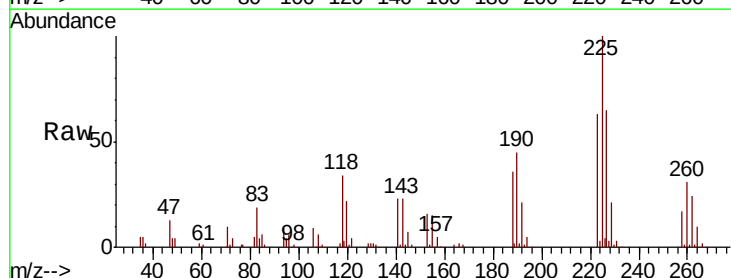


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

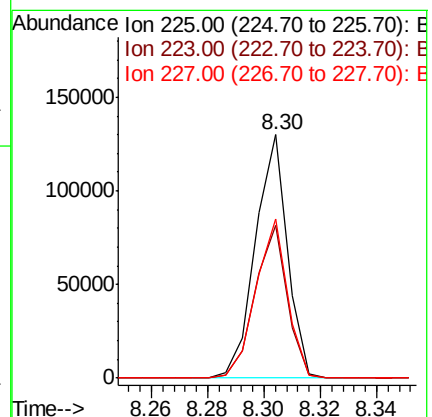
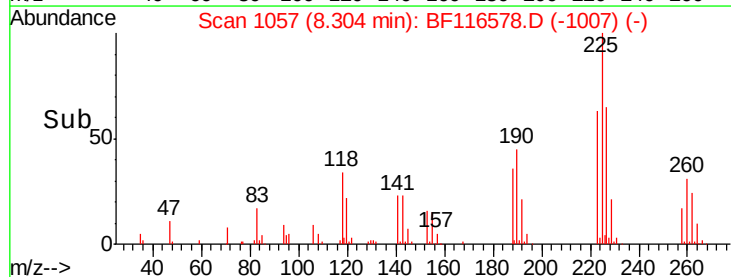


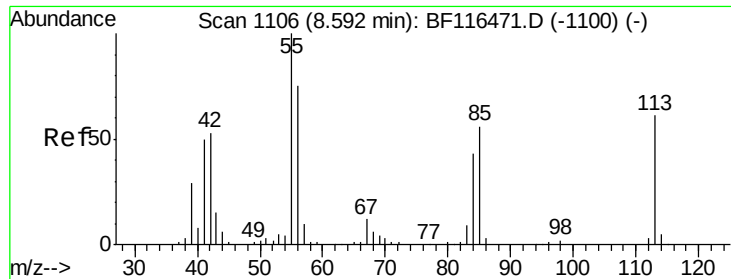
#34
Hexachlorobutadiene
Concen: 43.187 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Tgt Ion:	225	Resp:	102277
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.3	75.5
227	65.2	51.0	76.4



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

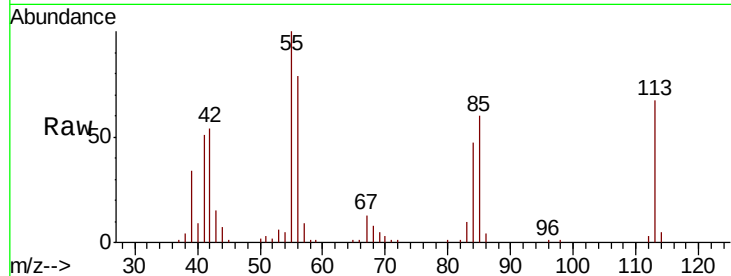




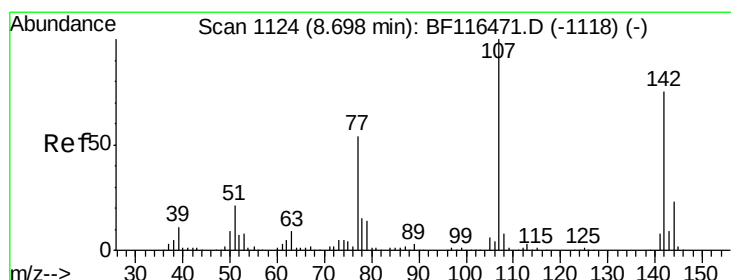
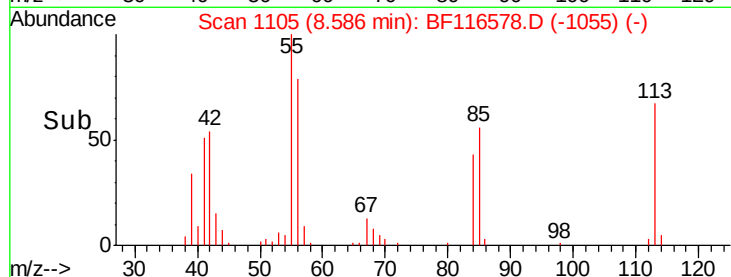
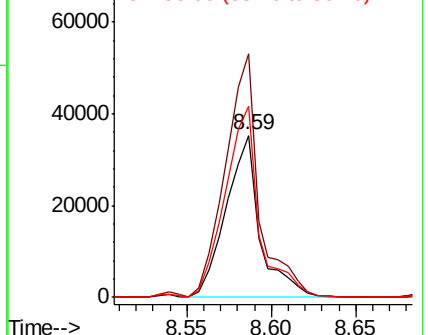
#35
Caprolactam
Concen: 36.607 ng
RT: 8.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 49184
Ion Ratio Lower Upper
113 100
55 150.4 143.6 183.6
56 118.4 102.3 142.3

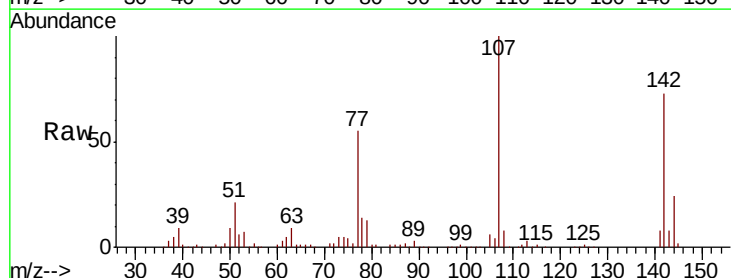


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

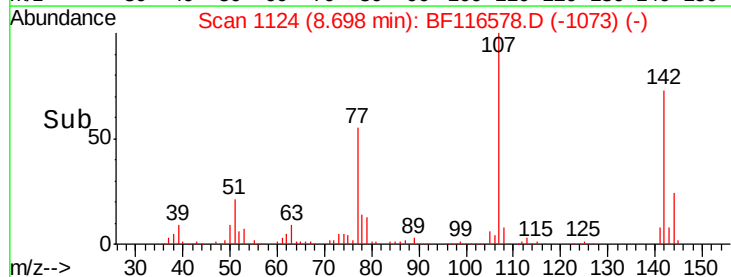
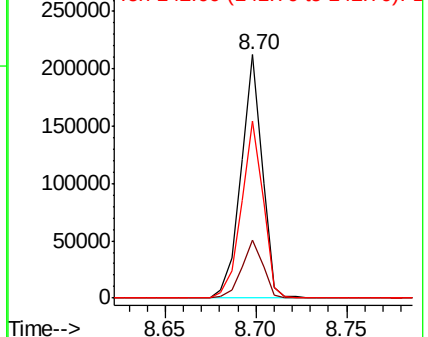


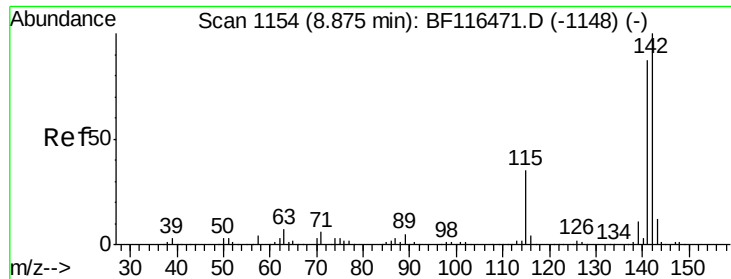
#36
4-Chloro-3-methylphenol
Concen: 39.723 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Tgt Ion:107 Resp: 172881
Ion Ratio Lower Upper
107 100
144 23.8 18.8 28.2
142 72.9 59.8 89.6



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

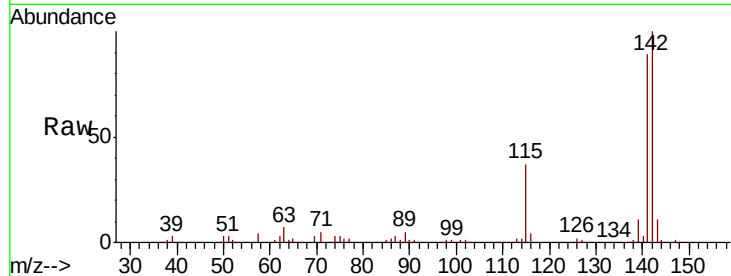




#37
2-Methylnaphthalene
Concen: 38.867 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.8	104.6
115	36.7	27.7	41.5

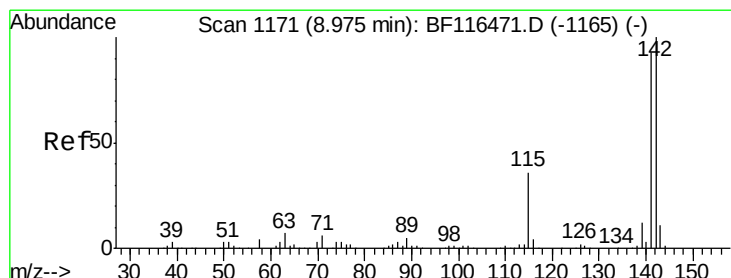
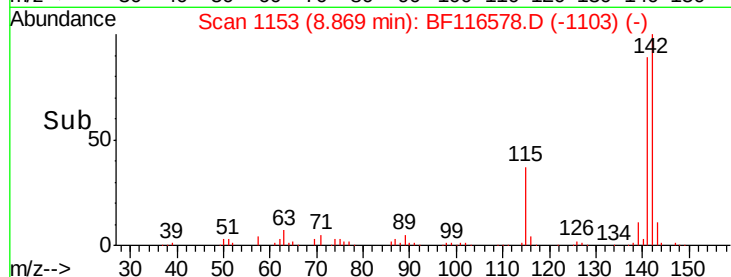
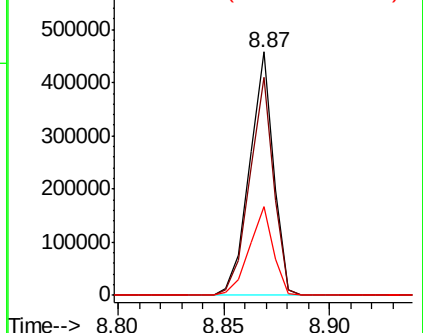


Abundance

Ion 142.00 (141.70 to 142.70): E

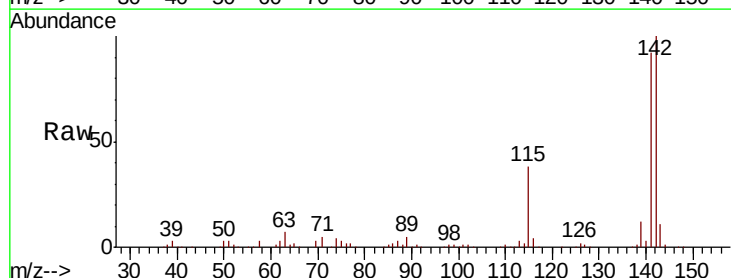
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.533 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.2	111.2
116	4.0	2.9	4.3

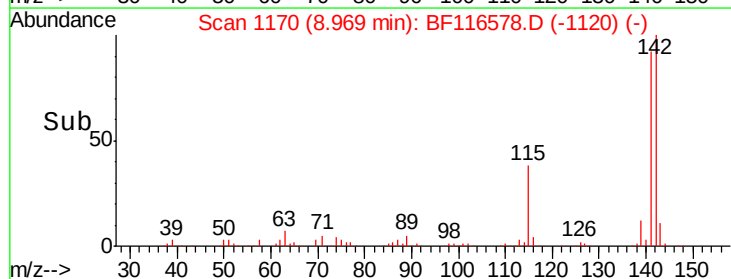
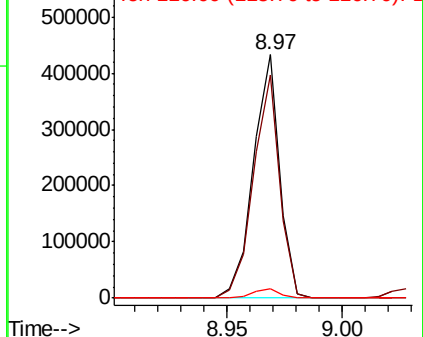


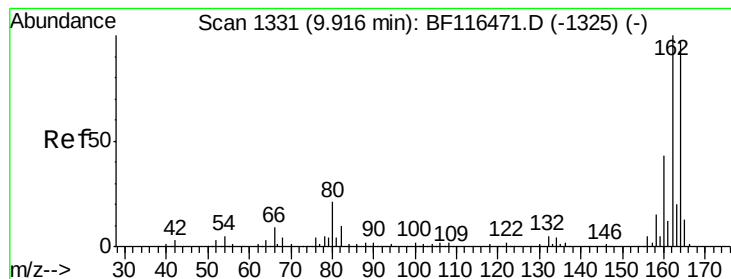
Abundance

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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Instrument :

BNA_F

ClientSampled :

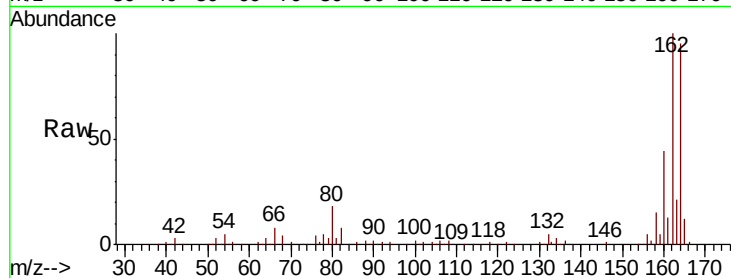
Tot Ion:164 Resp: 146646

Ion Ratio Lower Upper

164 100

162 105.2 82.6 123.8

160 46.0 35.8 53.8

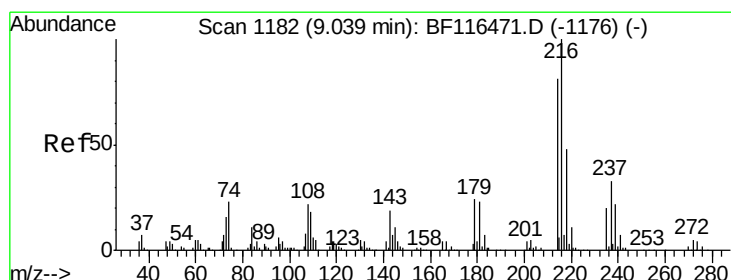
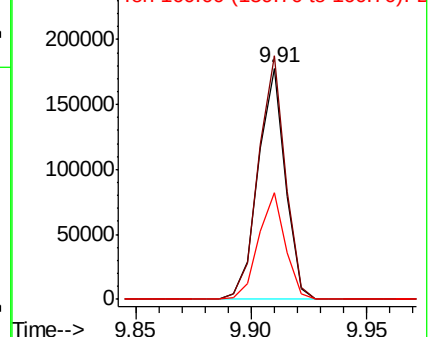
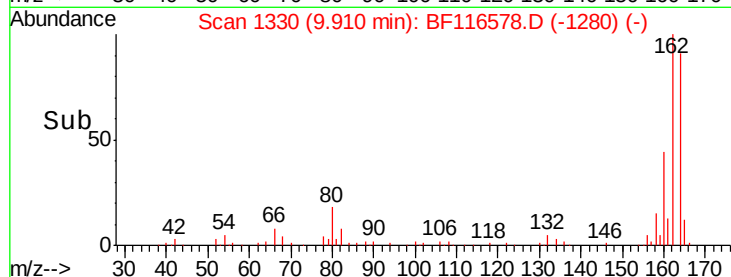


Abundance

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: 41.465 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Tgt Ion:216 Resp: 163596

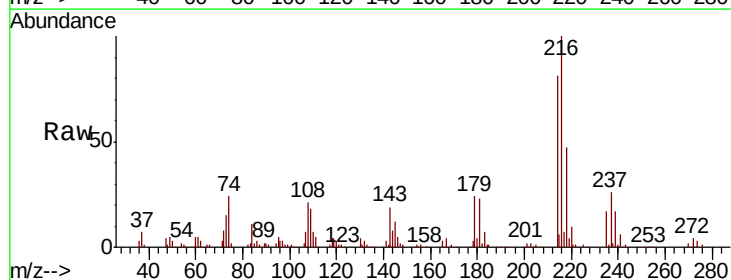
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.8

179 23.7 18.5 27.7

108 21.2 17.3 25.9



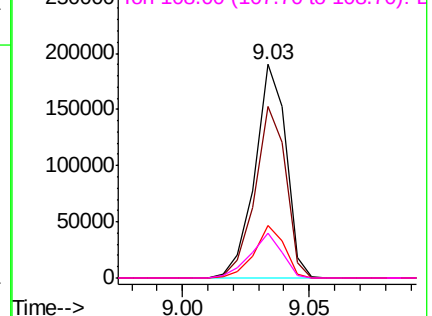
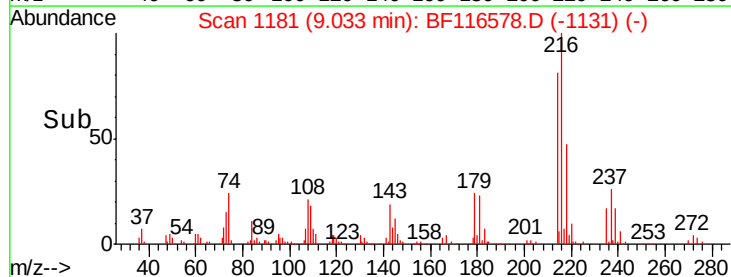
Abundance

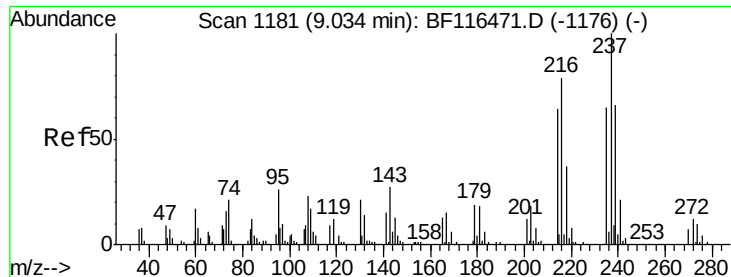
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

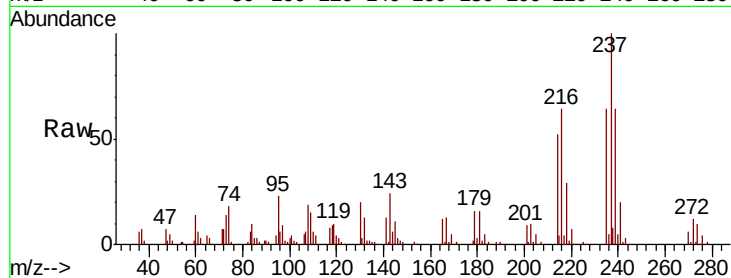




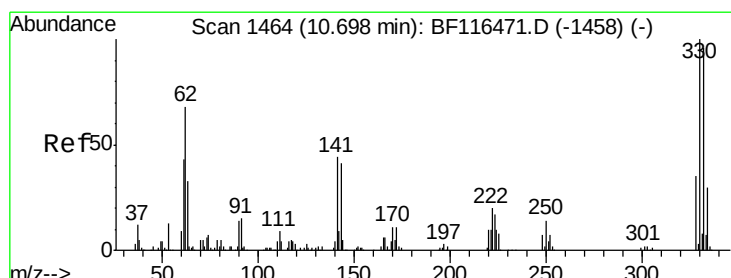
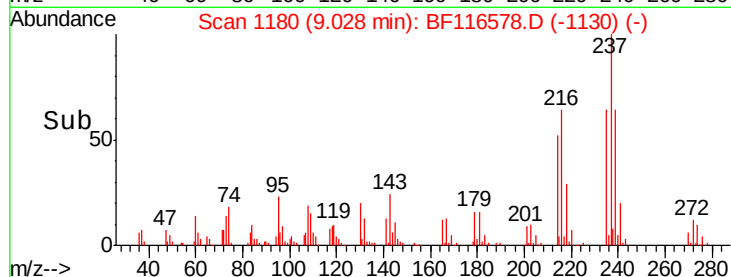
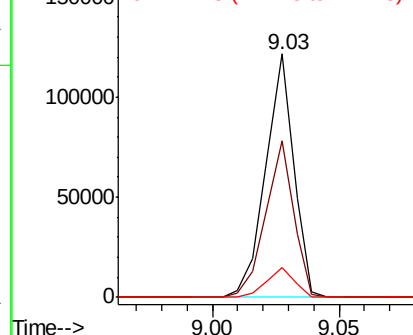
#41
Hexachlorocyclopentadiene
Concen: 44.786 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 95070
Ion Ratio Lower Upper
237 100
235 64.3 44.8 84.8
272 12.5 0.0 32.5

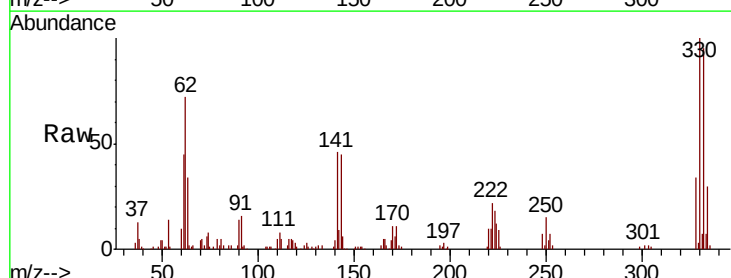


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

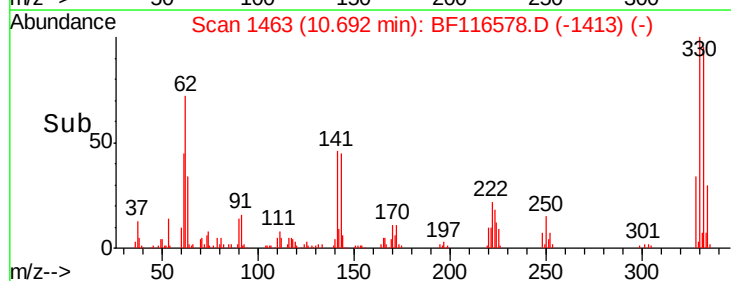
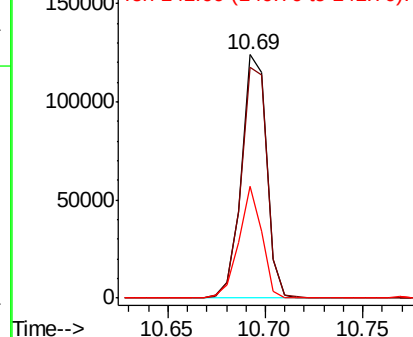


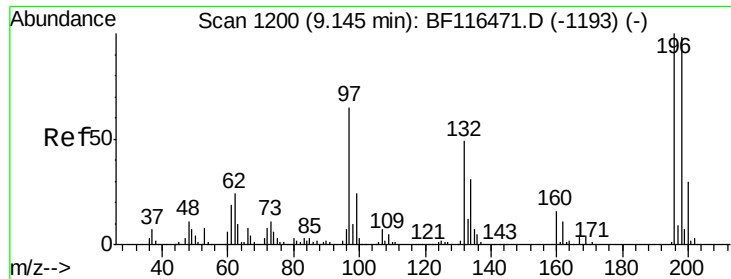
#42
2,4,6-Tribromophenol
Concen: 88.216 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Tgt Ion:330 Resp: 111082
Ion Ratio Lower Upper
330 100
332 97.3 77.2 115.8
141 41.5 33.3 49.9



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

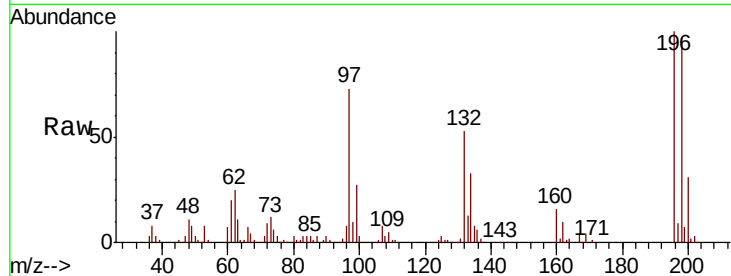




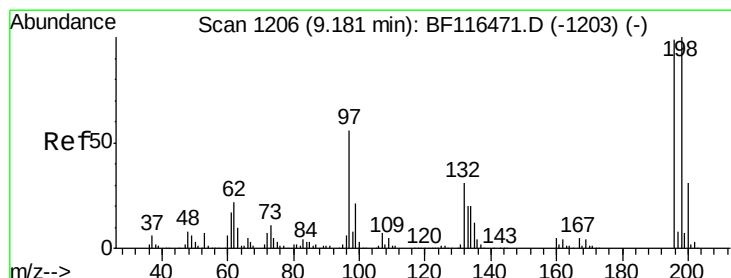
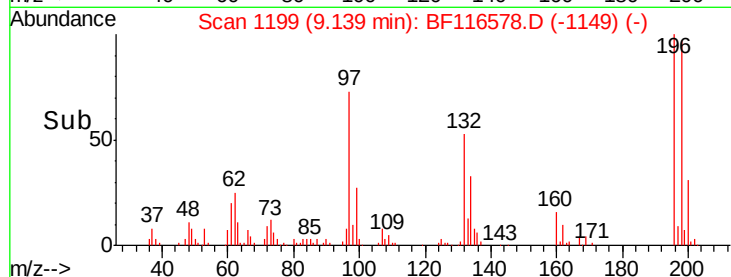
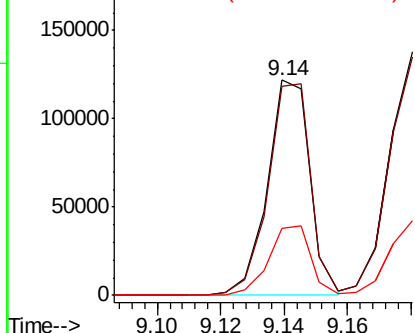
#43
 2,4,6-Trichlorophenol
 Concen: 41.094 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF116578.D
 Acq: 27 Aug 2019 11:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 113474
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.0 117.0
 200 31.1 24.2 36.2

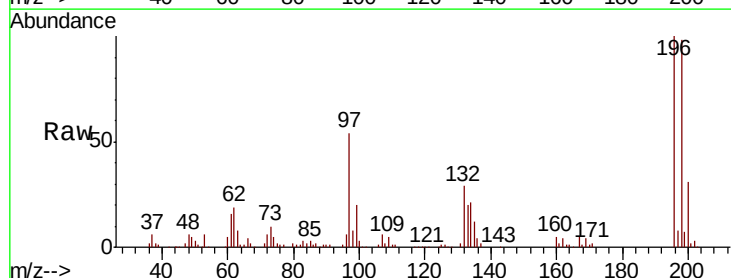


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

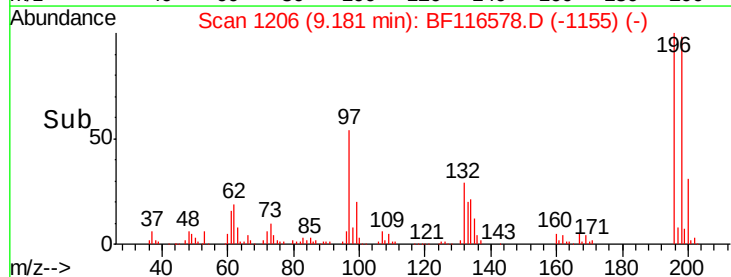
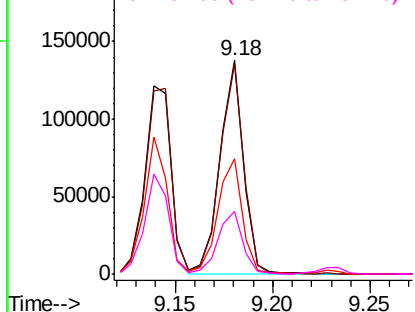


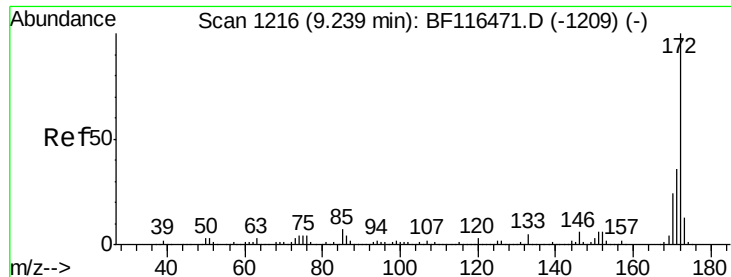
#44
 2,4,5-Trichlorophenol
 Concen: 41.079 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF116578.D
 Acq: 27 Aug 2019 11:02

Tgt Ion:196 Resp: 115416
 Ion Ratio Lower Upper
 196 100
 198 98.1 80.8 121.2
 97 54.2 45.7 68.5
 132 29.5 25.1 37.7



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

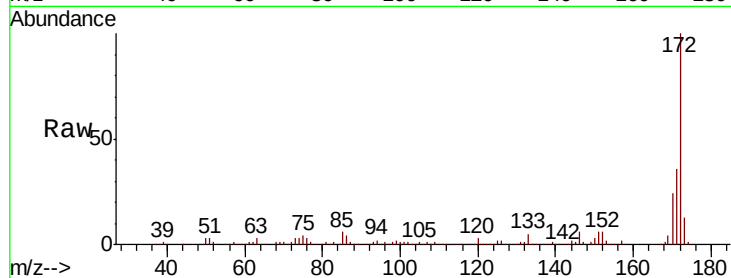




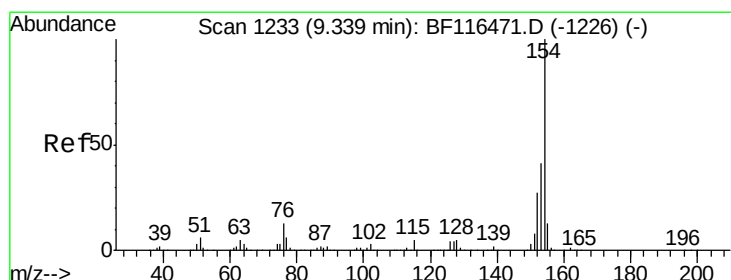
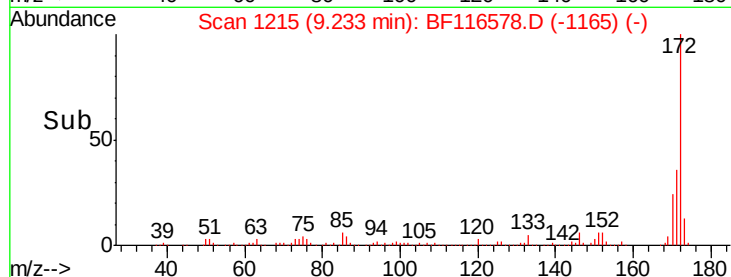
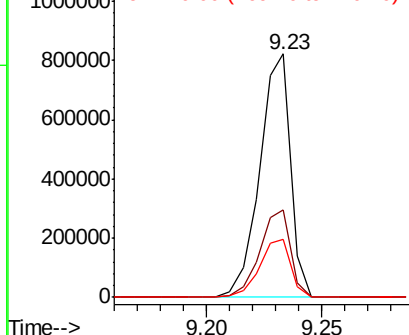
#45
2-Fluorobiphenyl
Concen: 84.077 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	24.0	19.4	29.0

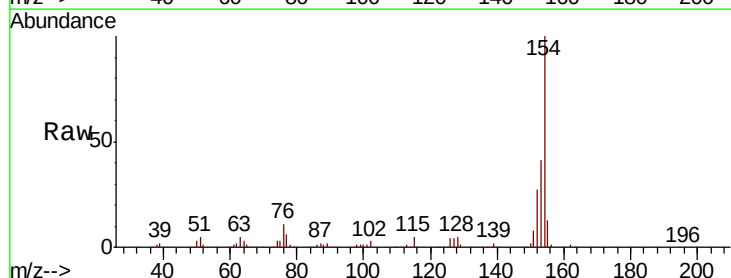


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

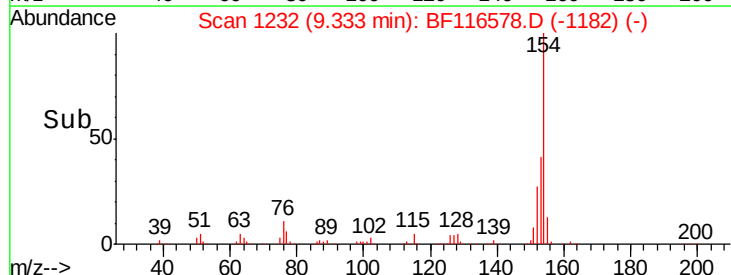
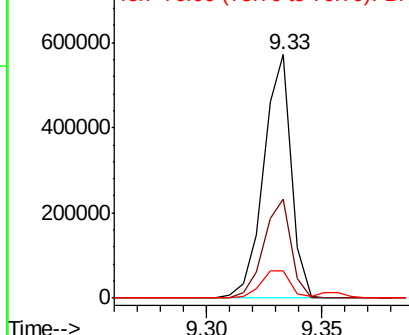


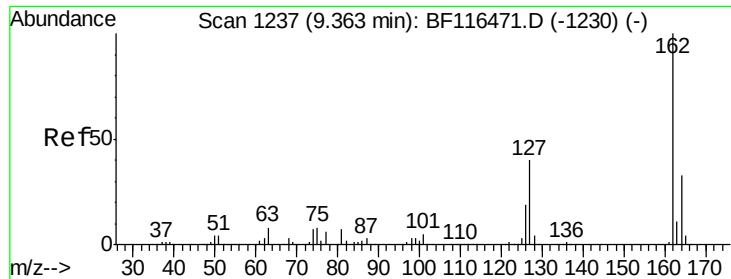
#46
1,1'-Biphenyl
Concen: 40.362 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	11.1	0.0	32.9



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

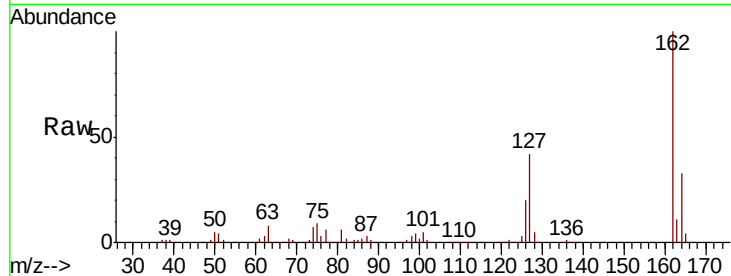




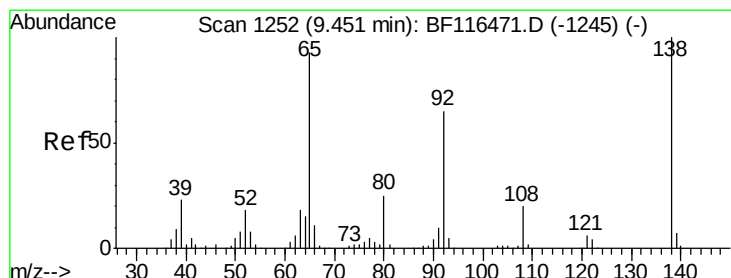
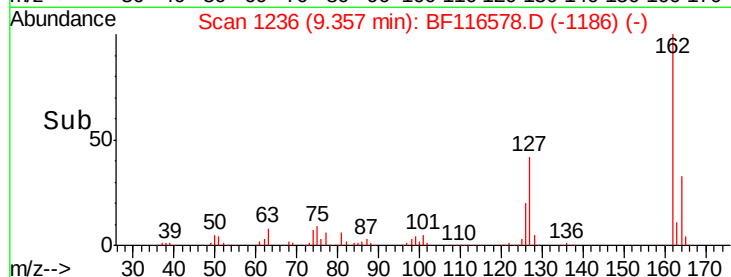
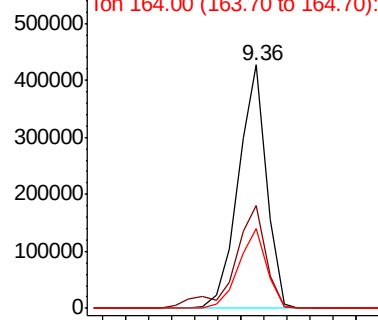
#47
2-Chloronaphthalene
Concen: 39.695 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 360811
Ion Ratio Lower Upper
162 100
127 42.3 32.5 48.7
164 32.7 26.7 40.1

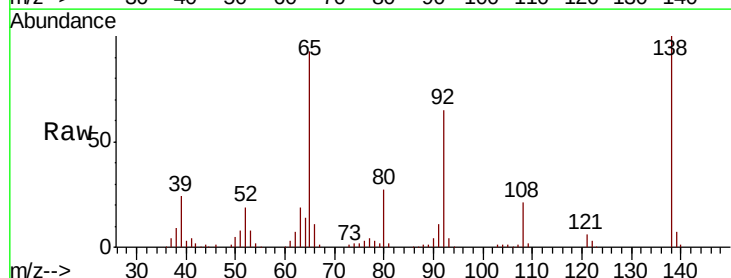


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

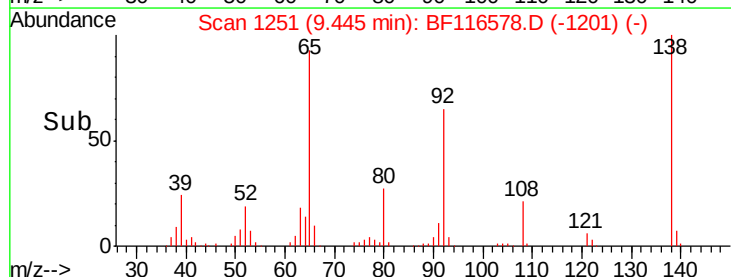
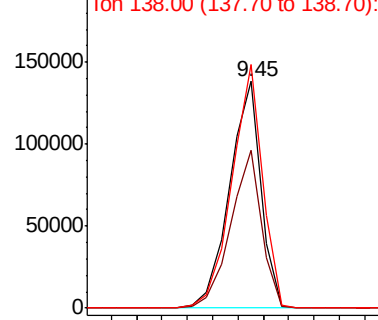


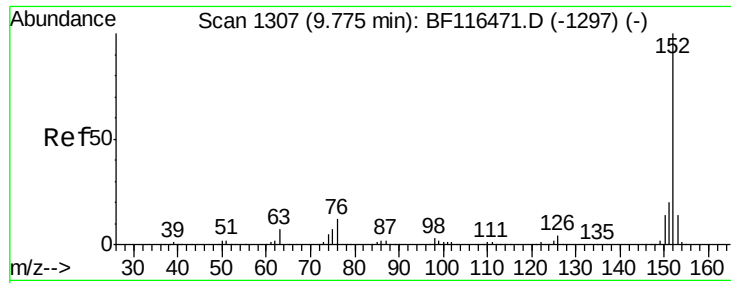
#48
2-Nitroaniline
Concen: 42.748 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Tgt Ion: 65 Resp: 118971
Ion Ratio Lower Upper
65 100
92 69.5 56.2 84.2
138 107.4 86.0 129.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.156 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Instrument :

BNA_F

ClientSampleId :

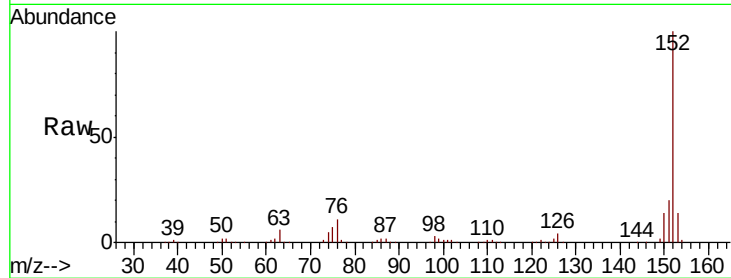
Tot Ion:152 Resp: 534017

Ion Ratio Lower Upper

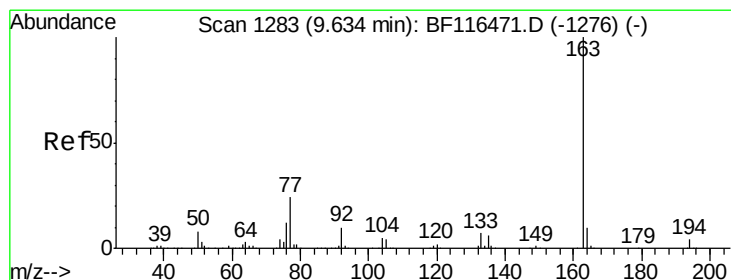
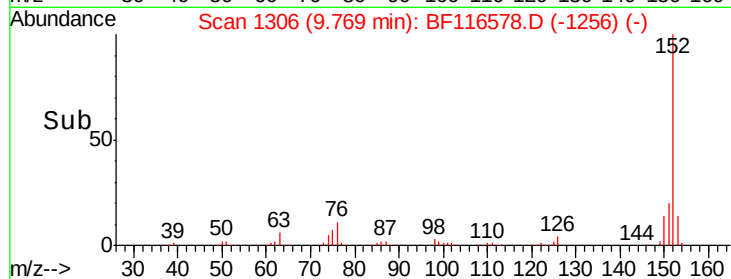
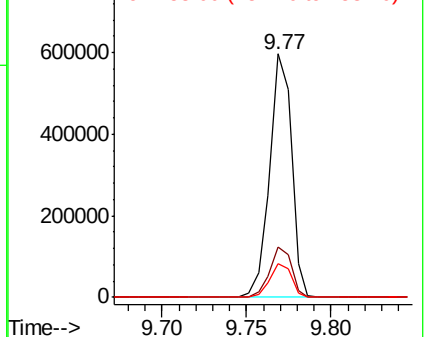
152 100

151 20.5 16.1 24.1

153 14.1 11.4 17.0



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



#50

Dimethylphthalate

Concen: 39.343 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

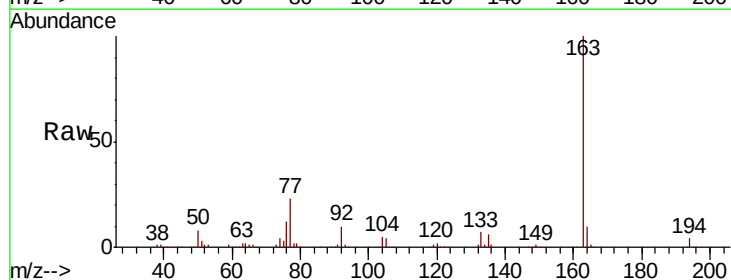
Tgt Ion:163 Resp: 402544

Ion Ratio Lower Upper

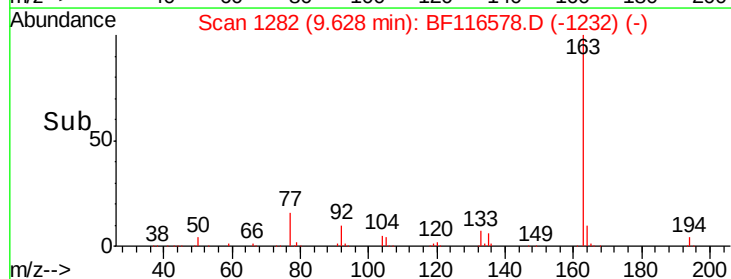
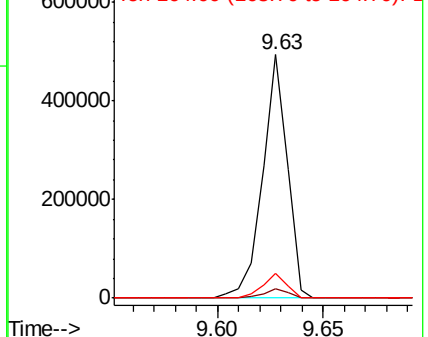
163 100

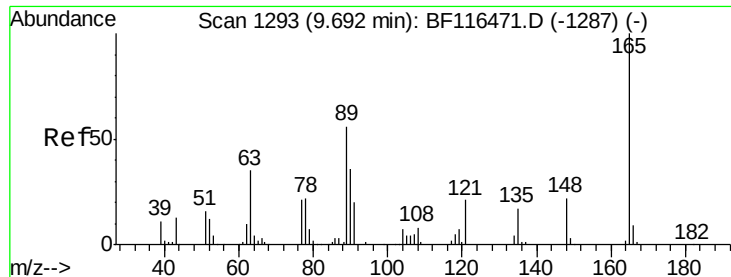
194 3.6 2.9 4.3

164 10.1 8.2 12.2



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: 41.158 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Instrument :

BNA_F

ClientSampled :

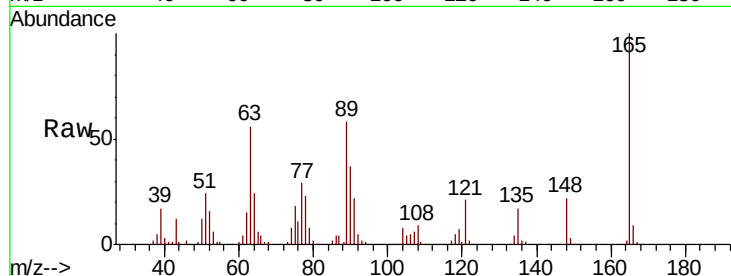
Tot Ion:165 Resp: 86195

Ion Ratio Lower Upper

165 100

63 55.7 43.7 65.5

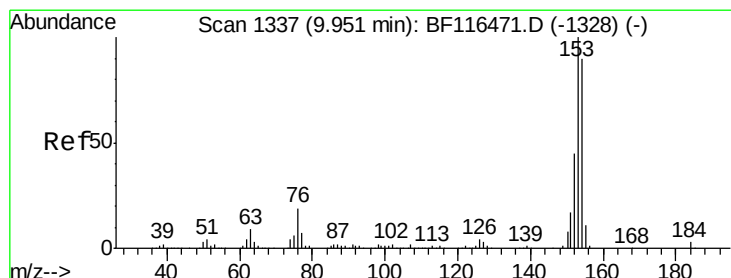
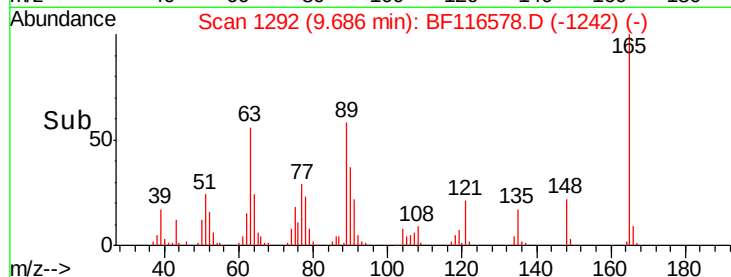
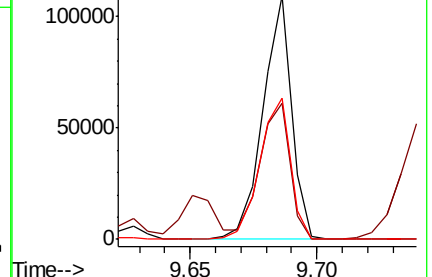
89 58.2 45.1 67.7



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: 41.313 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

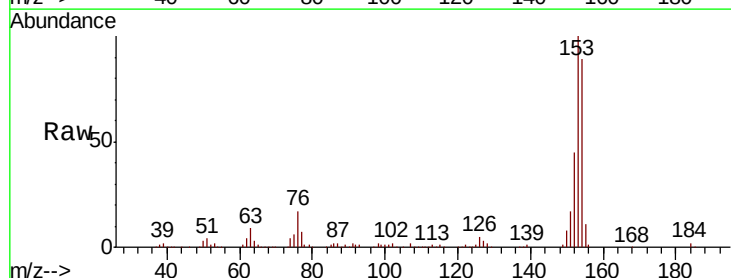
Tgt Ion:154 Resp: 352539

Ion Ratio Lower Upper

154 100

153 112.4 89.3 133.9

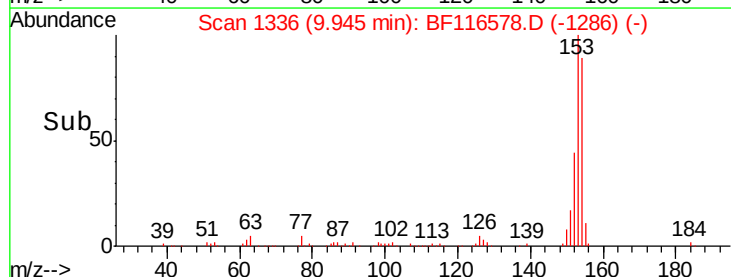
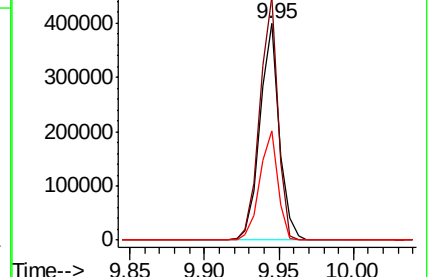
152 50.5 40.2 60.4

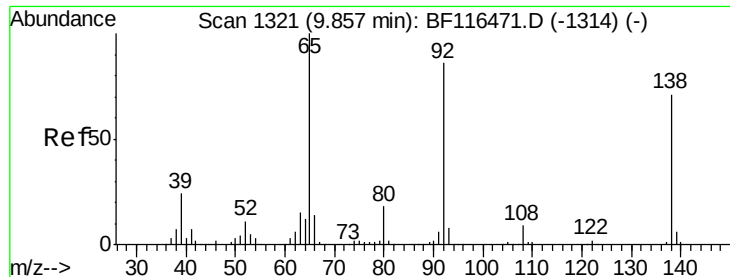


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

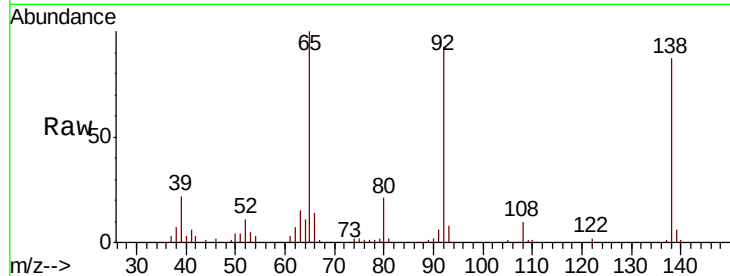




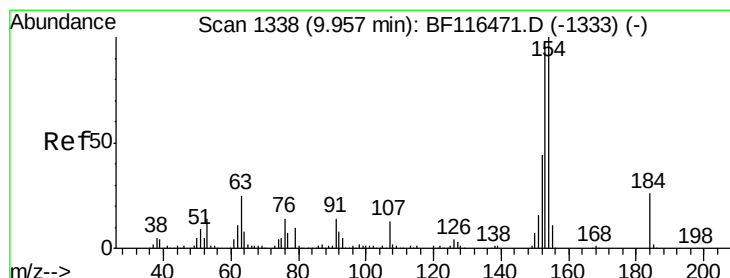
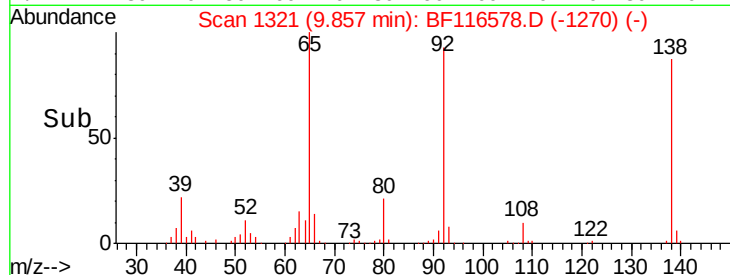
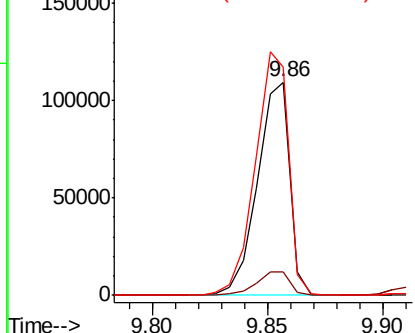
#53
3-Nitroaniline
Concen: 42.967 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 107260
Ion Ratio Lower Upper
138 100
108 11.2 10.0 15.0
92 107.5 97.7 146.5

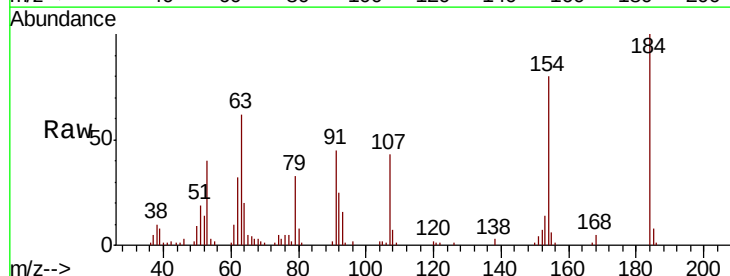


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

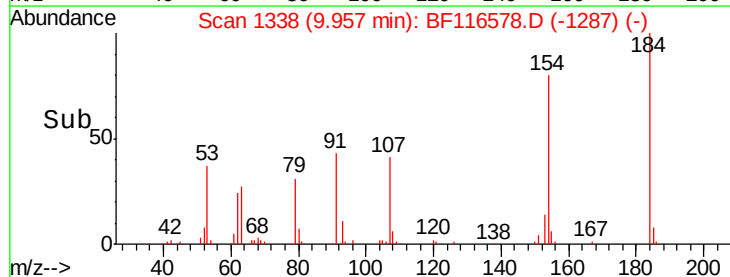
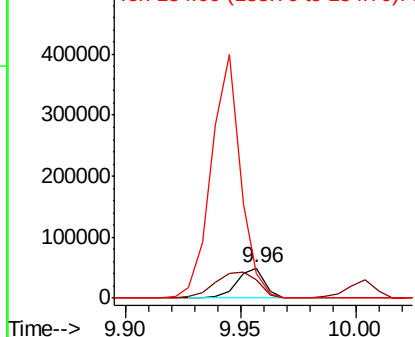


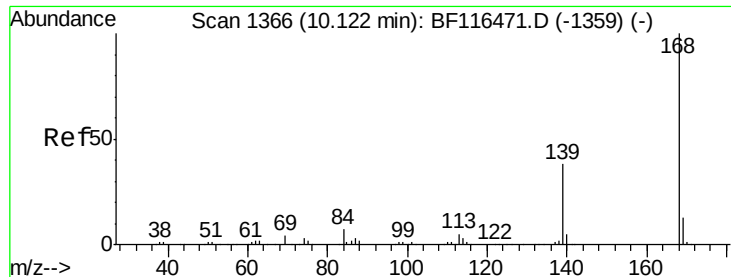
#54
2,4-Dinitrophenol
Concen: 52.411 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Tgt Ion:184 Resp: 40316
Ion Ratio Lower Upper
184 100
63 62.1 78.2 117.4#
154 79.9 320.4 480.6#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 40.338 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Instrument :

BNA_F

ClientSampleId :

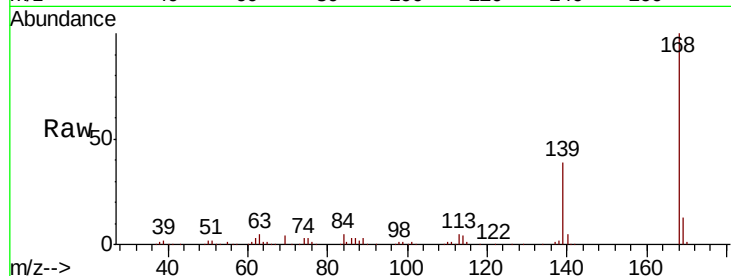
Tot Ion:168 Resp: 479820

Ion Ratio Lower Upper

168 100

139 39.0 30.7 46.1

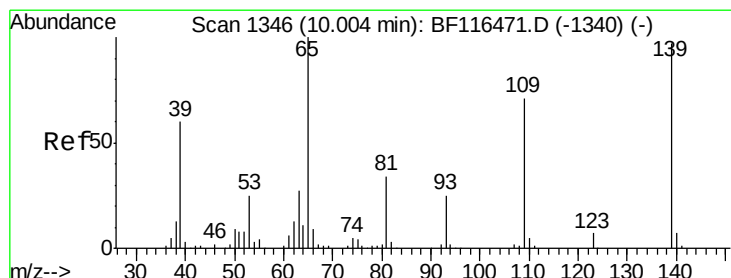
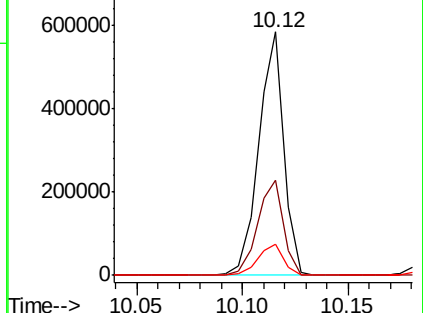
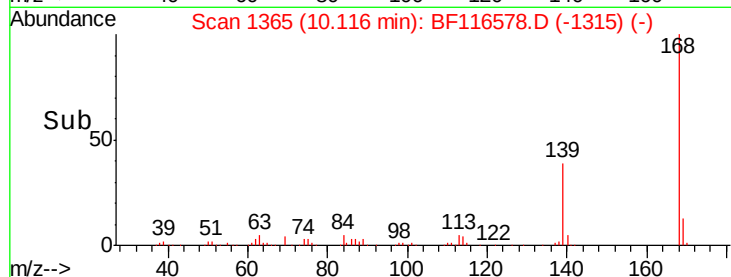
169 12.8 10.7 16.1



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: 41.062 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

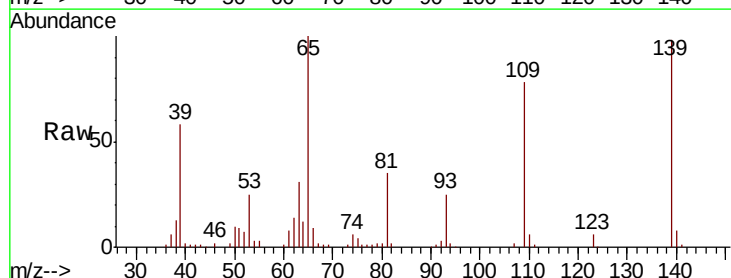
Tgt Ion:139 Resp: 79673

Ion Ratio Lower Upper

139 100

109 80.0 53.4 93.4

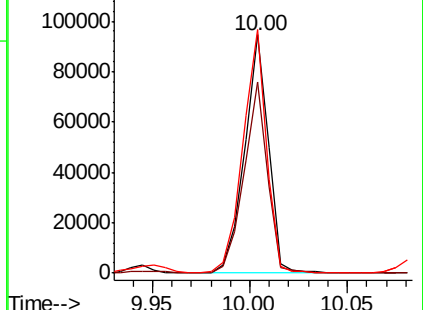
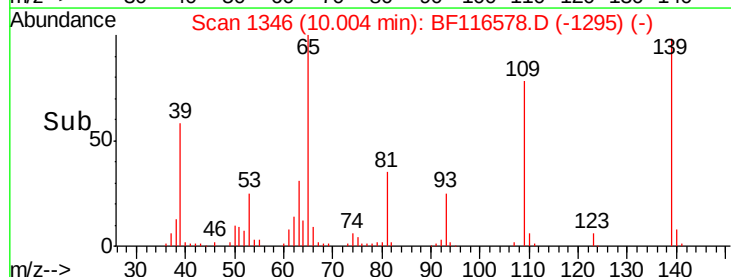
65 102.2 83.0 123.0

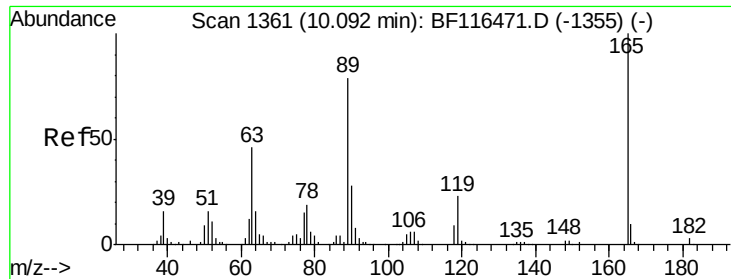


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 43.580 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 116133

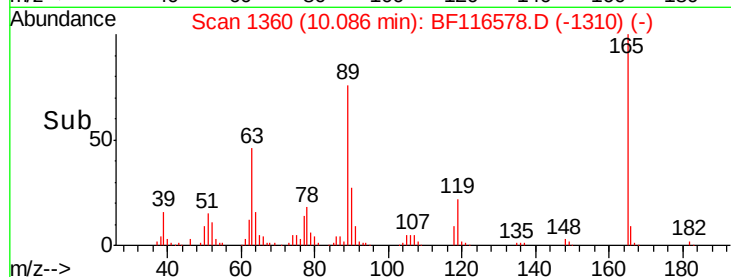
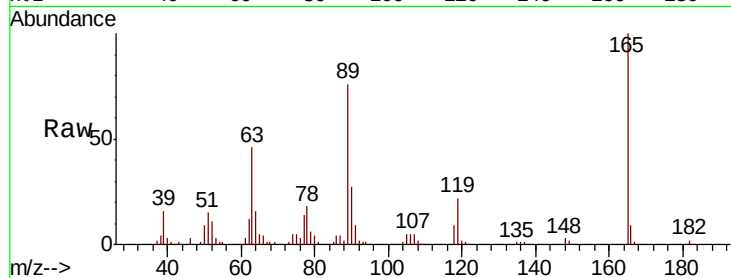
Ion Ratio Lower Upper

165 100

63 46.1 36.9 55.3

89 76.3 63.4 95.0

182 2.5 2.1 3.1

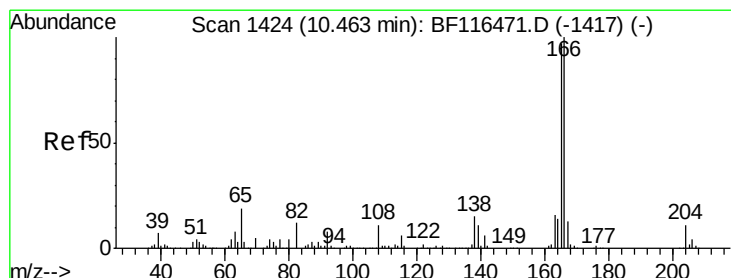
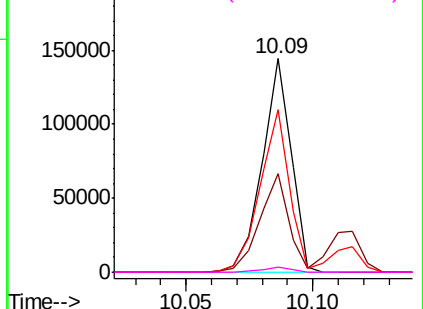


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.523 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

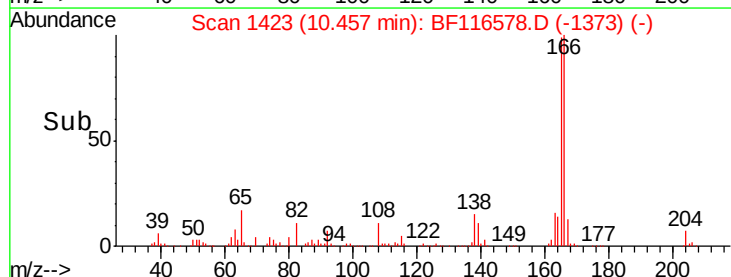
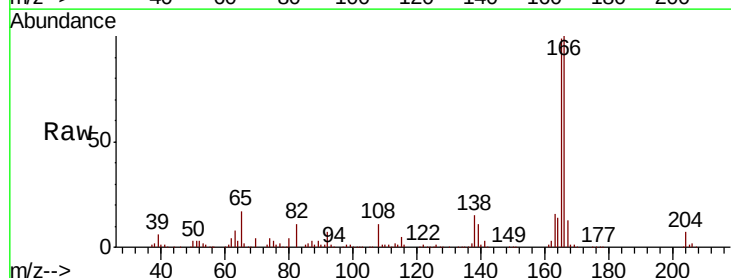
Tgt Ion:166 Resp: 374498

Ion Ratio Lower Upper

166 100

165 98.5 77.4 116.0

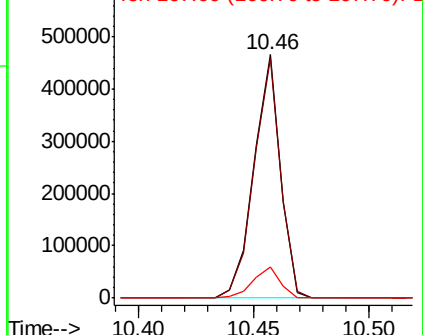
167 12.8 10.8 16.2

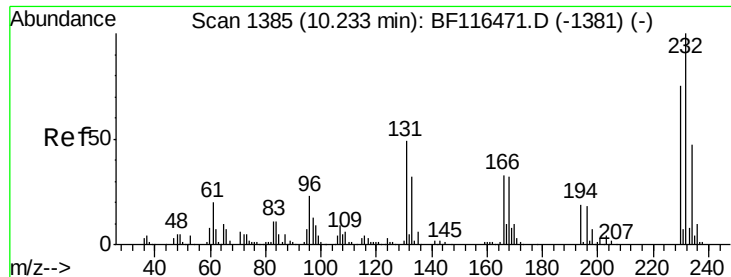


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

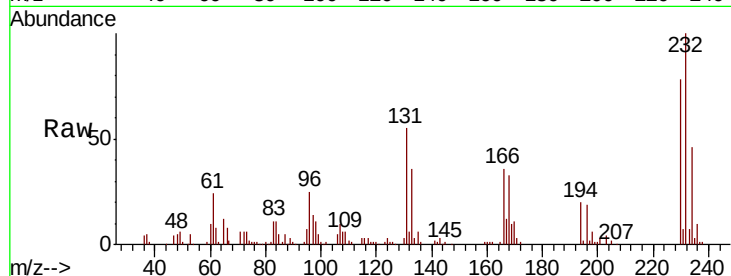




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.296 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
232	232	100		
131	131	52.4	40.8	61.2
130	130	2.3	1.8	2.8
166	166	33.8	26.8	40.2



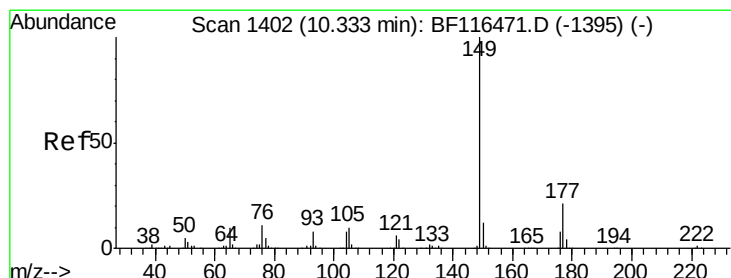
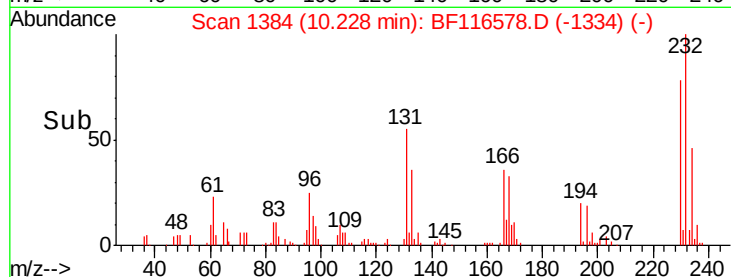
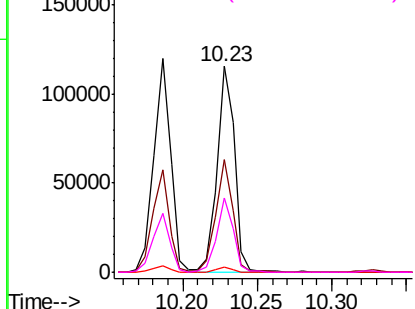
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

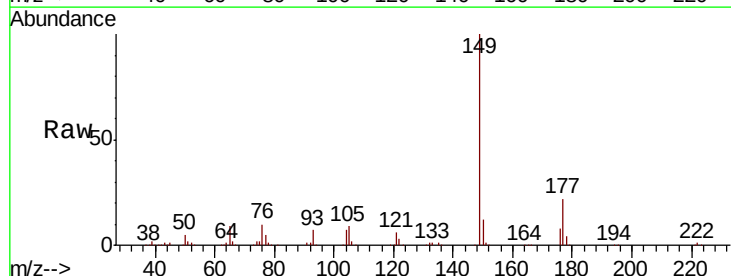
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.599 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Tgt Ion	Ion	Ratio	Lower	Upper
149	149	100		
177	177	21.8	17.1	25.7
150	150	12.3	9.8	14.6

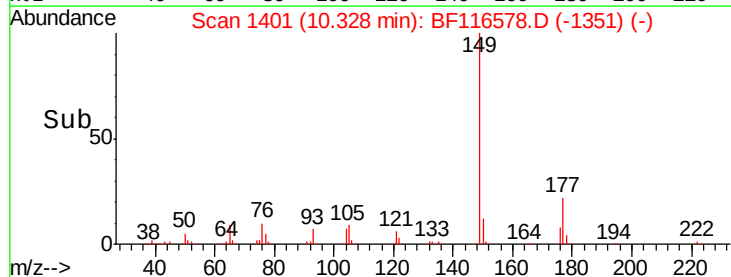
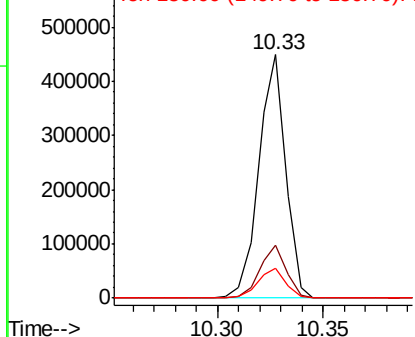


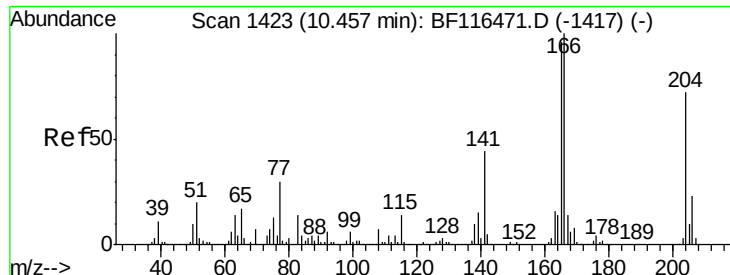
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

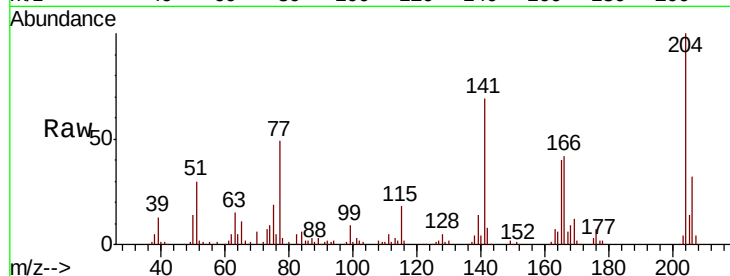




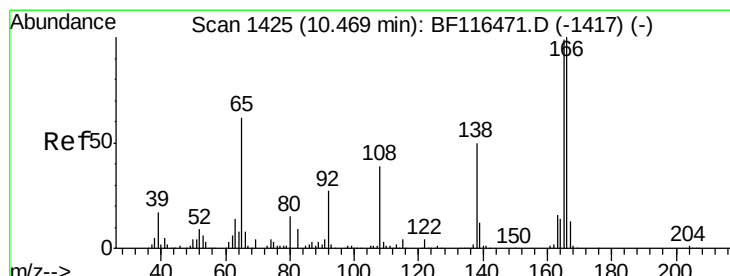
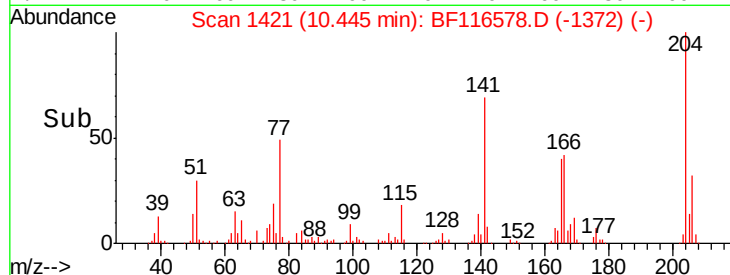
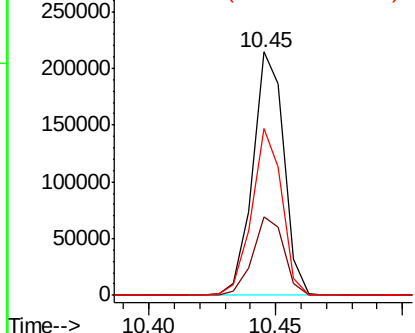
#61
 4-Chlorophenyl-phenylether
 Concen: 40.636 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF116578.D
 Acq: 27 Aug 2019 11:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 183211
 Ion Ratio Lower Upper
 204 100
 206 32.4 25.9 38.9
 141 68.7 48.6 73.0

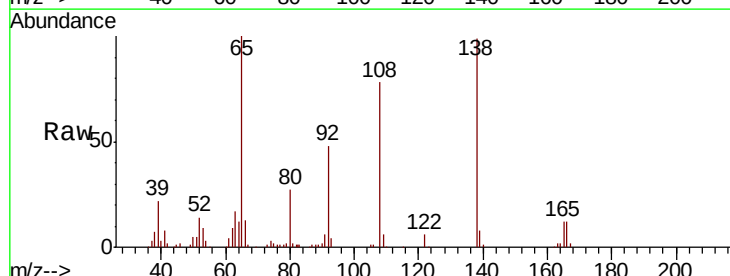


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

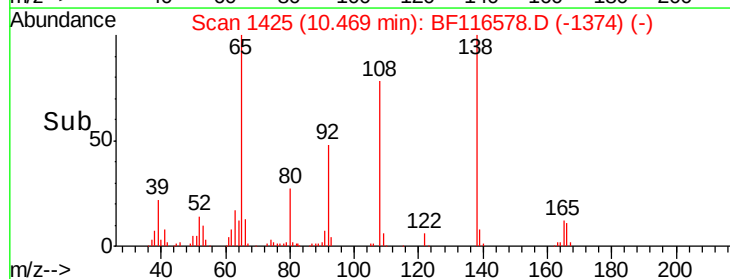
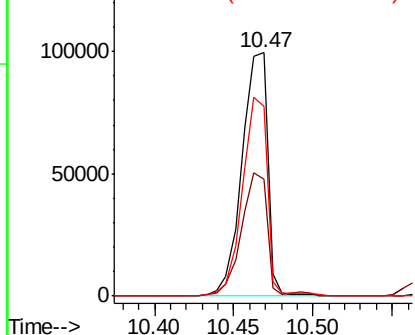


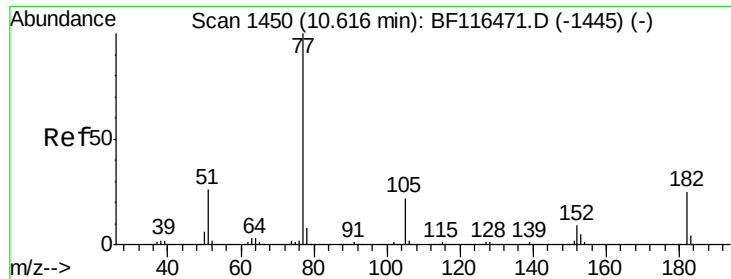
#62
 4-Nitroaniline
 Concen: 45.806 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF116578.D
 Acq: 27 Aug 2019 11:02

Tgt Ion:138 Resp: 111835
 Ion Ratio Lower Upper
 138 100
 92 48.0 34.9 74.9
 108 78.1 57.7 97.7



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

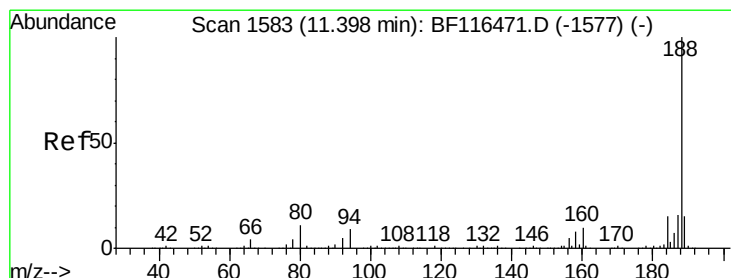
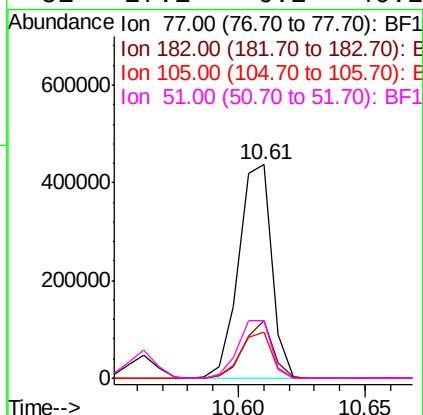
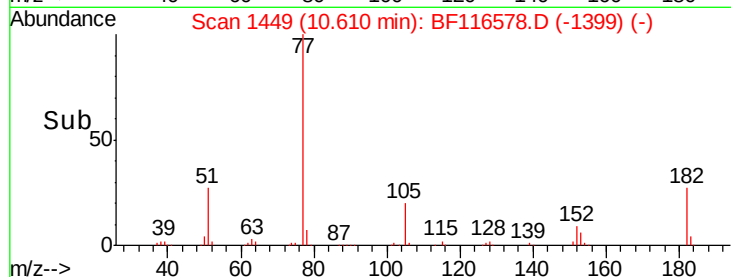
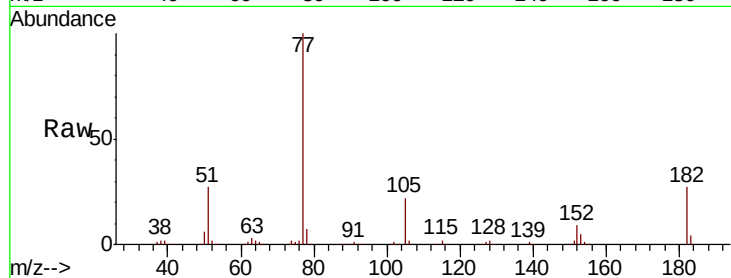




#63
Azobenzene
Concen: 38.328 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

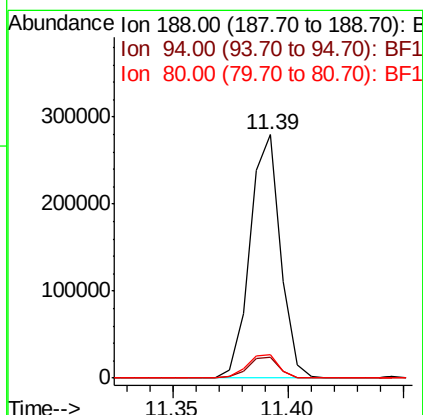
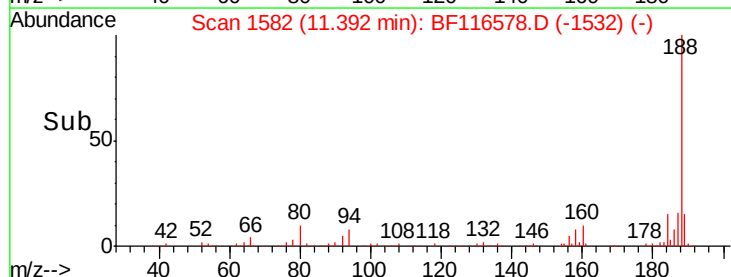
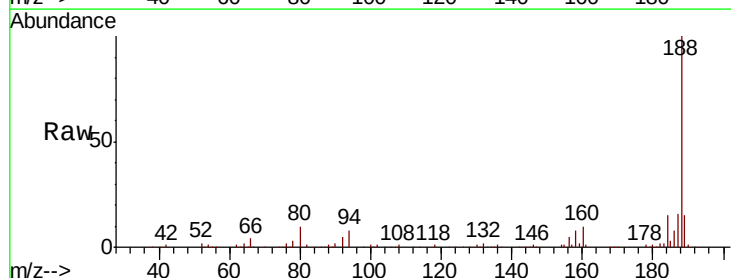
Instrument :
BNA_F
ClientSampleId :

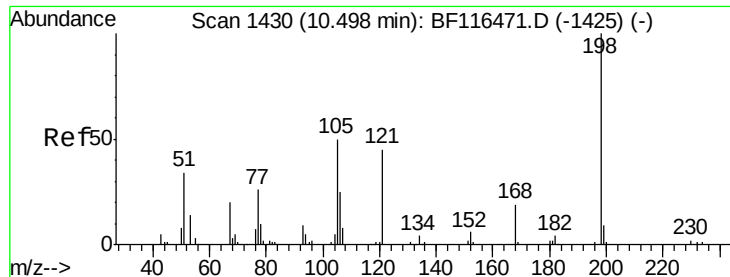
Tot Ion:	77	Resp:	396305
Ion	Ratio	Lower	Upper
77	100		
182	26.9	5.4	45.4
105	21.8	1.6	41.6
51	27.1	6.2	46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Tgt Ion:	188	Resp:	258109
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.4	11.2
80	9.8	8.6	12.8

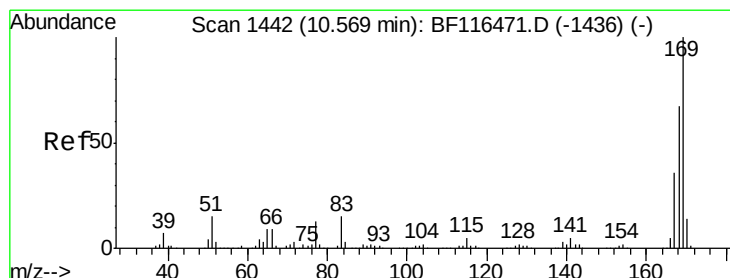
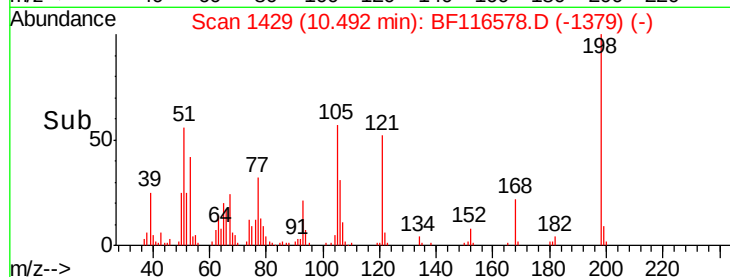
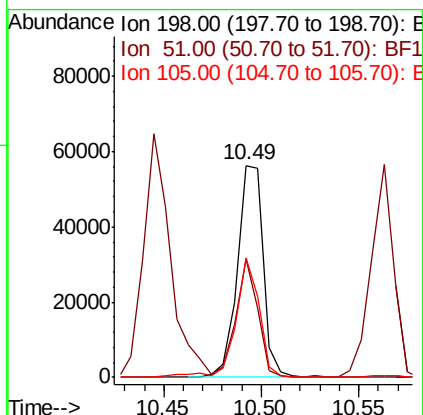
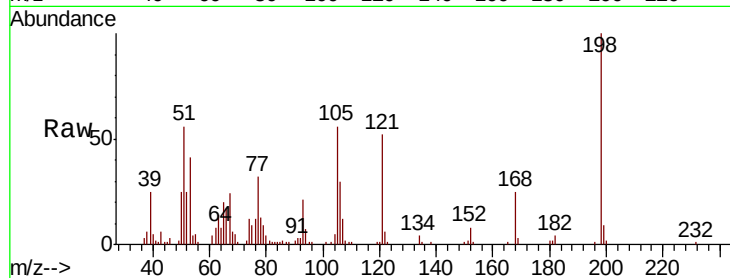




#65
4,6-Dinitro-2-methylphenol
Concen: 48.632 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

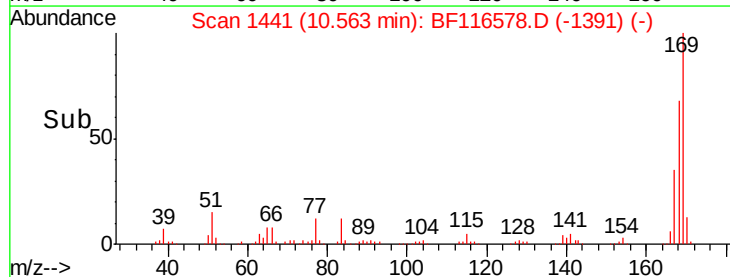
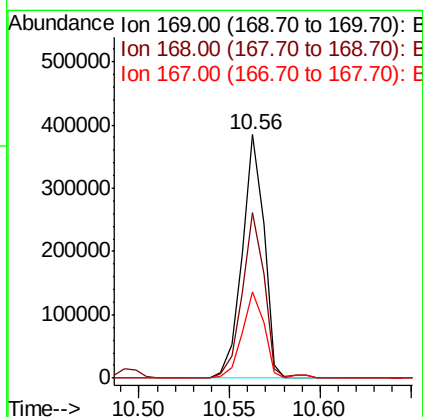
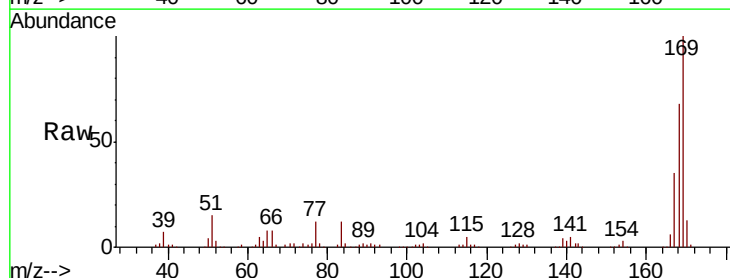
Instrument :
BNA_F
ClientSampled :

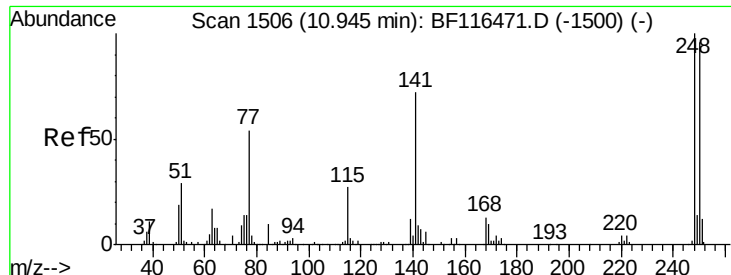
Tot Ion:198 Resp: 51585
Ion Ratio Lower Upper
198 100
51 55.5 30.4 70.4
105 56.1 32.8 72.8



#66
n-Nitrosodiphenylamine
Concen: 38.438 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Tgt Ion:169 Resp: 321247
Ion Ratio Lower Upper
169 100
168 68.2 53.6 80.4
167 35.3 28.7 43.1

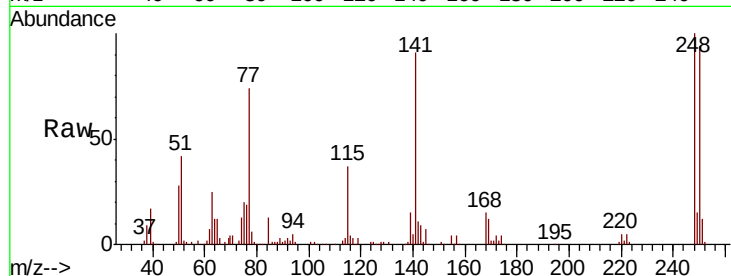




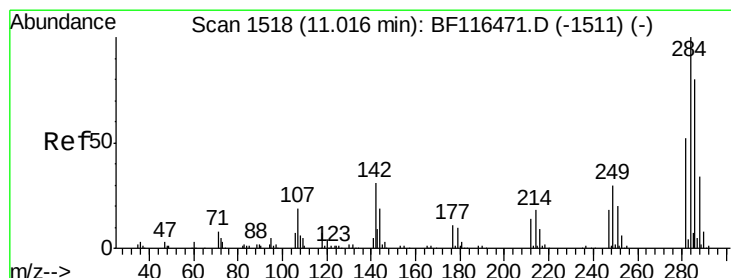
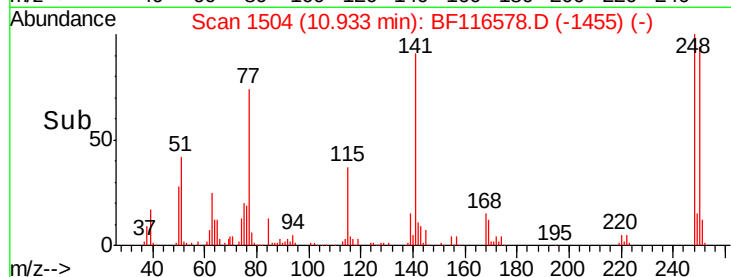
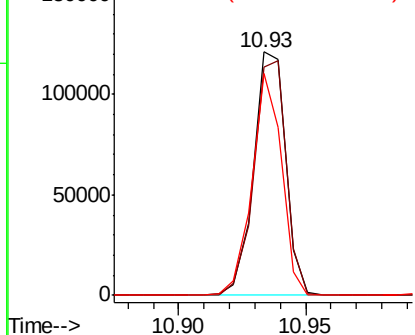
#67
 4-Bromophenyl-phenylether
 Concen: 39.699 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF116578.D
 Acq: 27 Aug 2019 11:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 107424
 Ion Ratio Lower Upper
 248 100
 250 93.8 77.0 115.6
 141 91.2 57.4 86.0#

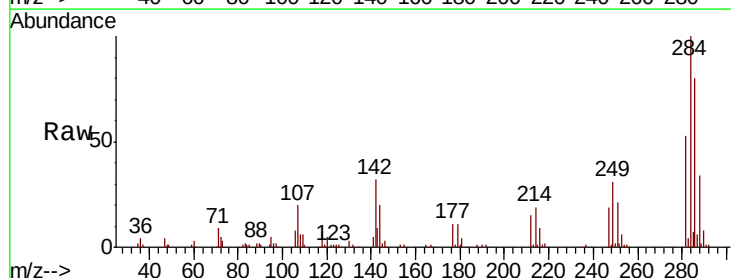


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

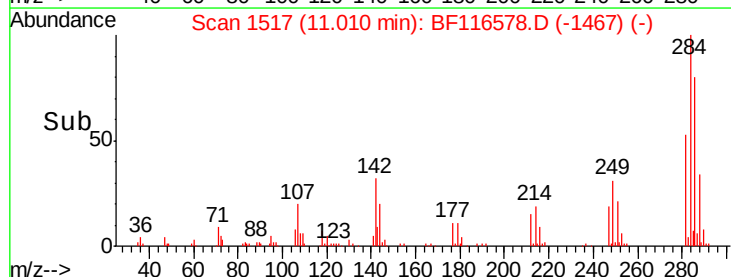
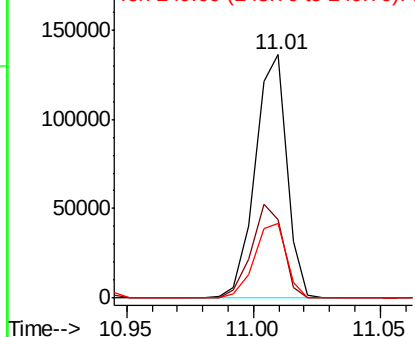


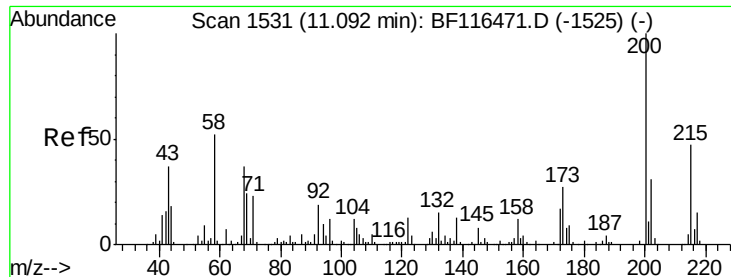
#68
 Hexachlorobenzene
 Concen: 39.867 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF116578.D
 Acq: 27 Aug 2019 11:02

Tgt Ion:284 Resp: 119320
 Ion Ratio Lower Upper
 284 100
 142 32.2 24.6 36.8
 249 30.5 24.1 36.1



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

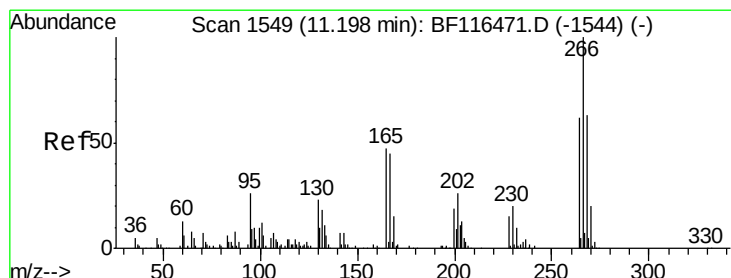
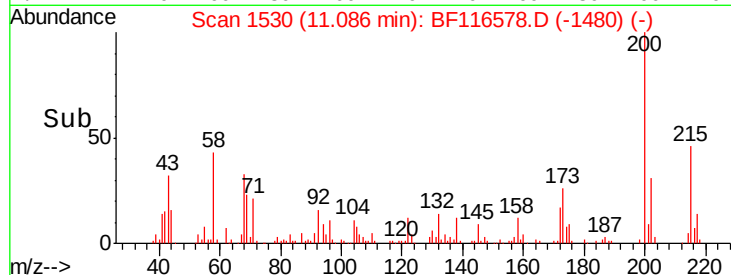
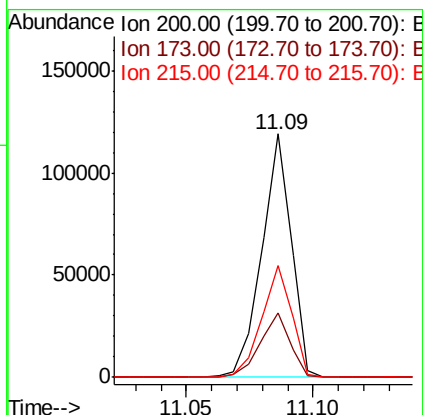
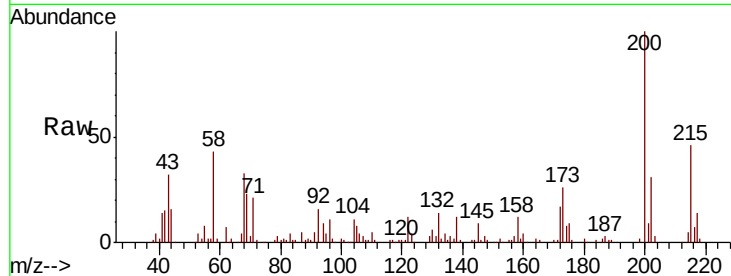




#69
 Atrazine
 Concen: 38.788 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF116578.D
 Acq: 27 Aug 2019 11:02

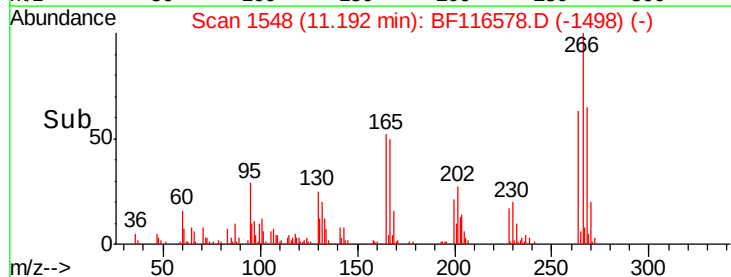
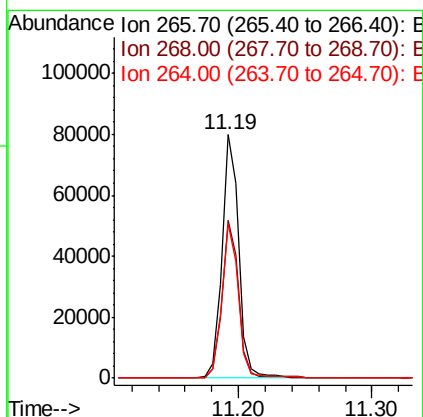
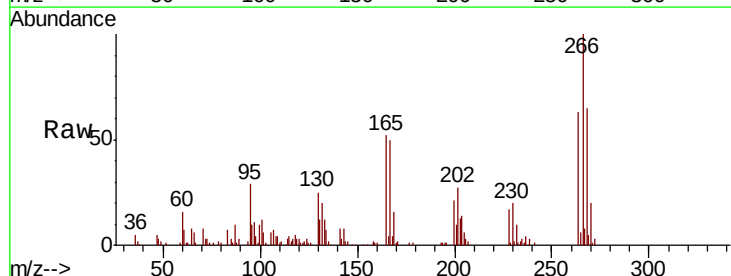
Instrument :
 BNA_F
 ClientSampleId :

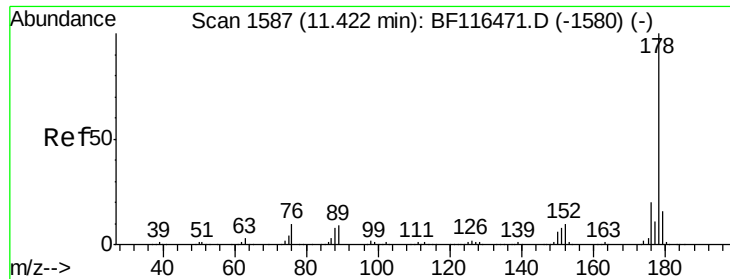
Tot Ion:200 Resp: 97128
 Ion Ratio Lower Upper
 200 100
 173 26.3 7.3 47.3
 215 45.8 26.7 66.7



#70
 Pentachlorophenol
 Concen: 40.724 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF116578.D
 Acq: 27 Aug 2019 11:02

Tgt Ion:266 Resp: 71112
 Ion Ratio Lower Upper
 266 100
 268 64.8 50.7 76.1
 264 63.1 50.0 75.0

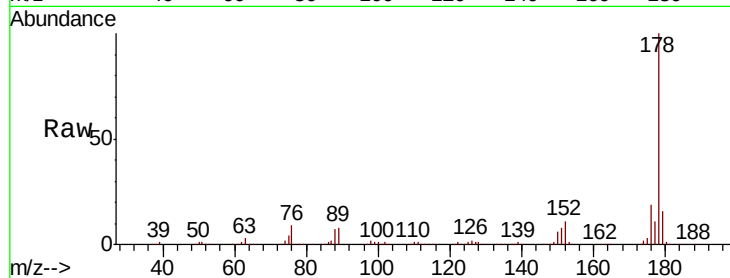




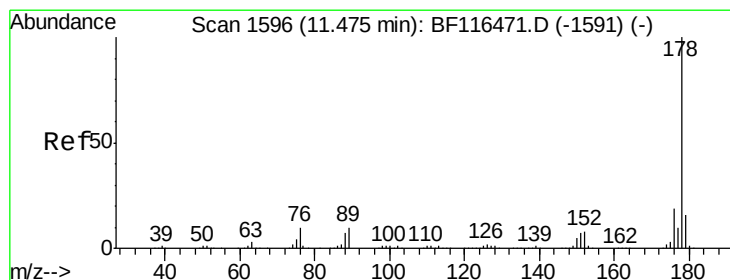
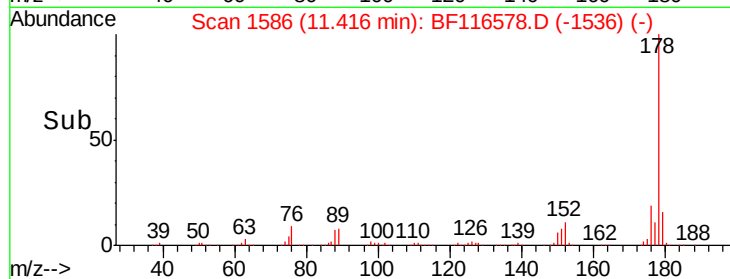
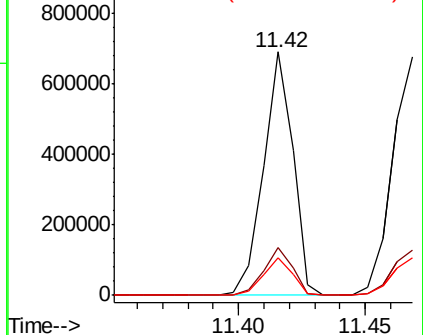
#71
 Phenanthrene
 Concen: 40.068 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF116578.D
 Acq: 27 Aug 2019 11:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.6	12.8	19.2

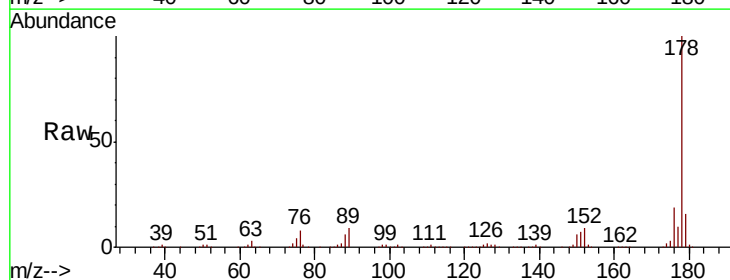


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

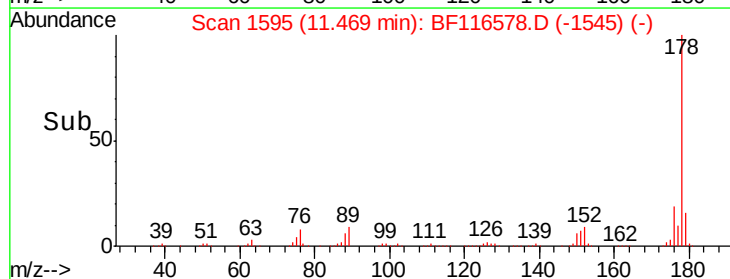
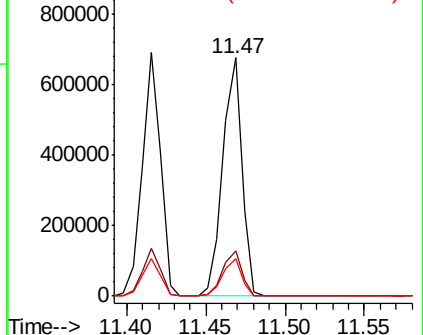


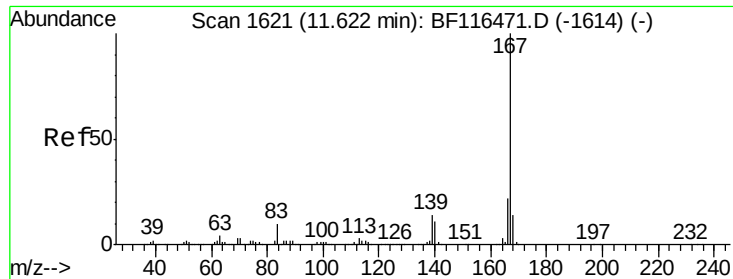
#72
 Anthracene
 Concen: 40.325 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF116578.D
 Acq: 27 Aug 2019 11:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.7	12.5	18.7



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

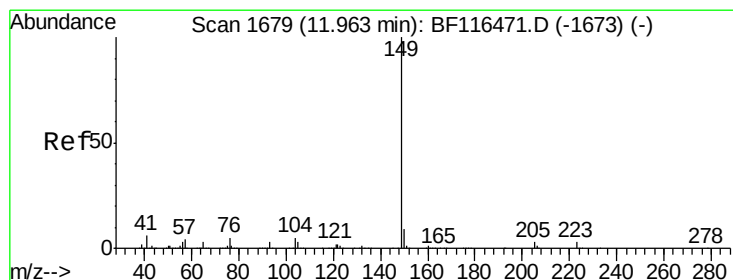
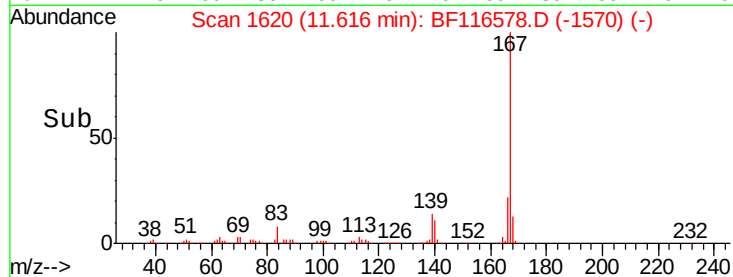
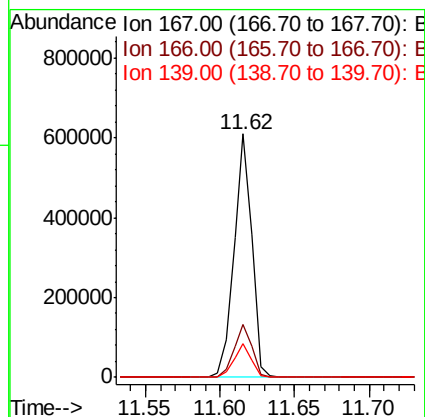
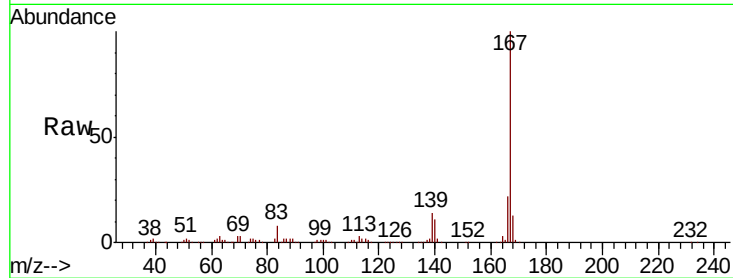




#73
 Carbazole
 Concen: 40.447 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BF116578.D
 Acq: 27 Aug 2019 11:02

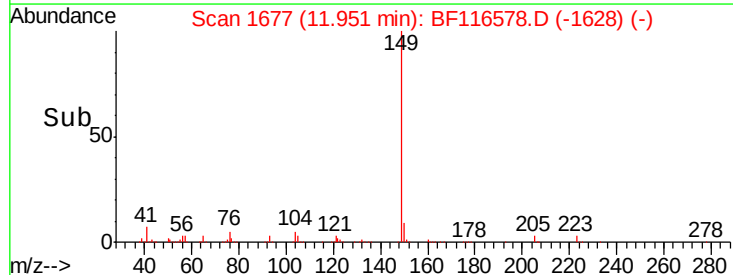
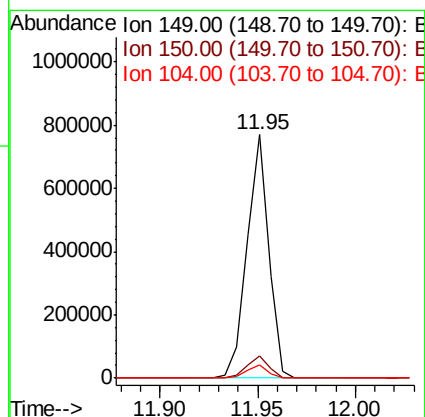
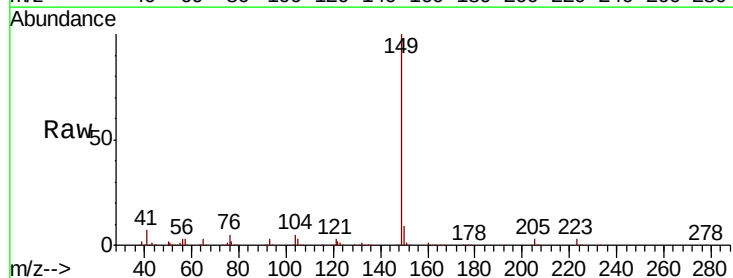
Instrument :
 BNA_F
 ClientSampleId :

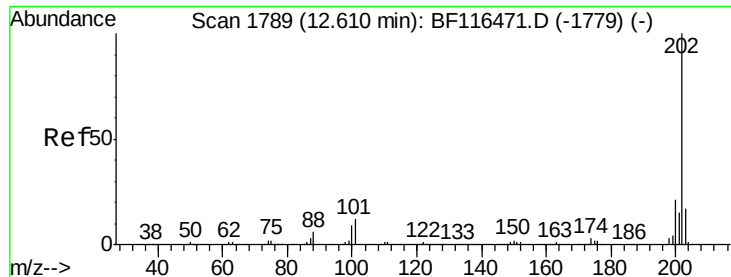
Tot Ion:167 Resp: 512969
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.8 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 37.599 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BF116578.D
 Acq: 27 Aug 2019 11:02

Tgt Ion:149 Resp: 590899
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.3 4.1 6.1

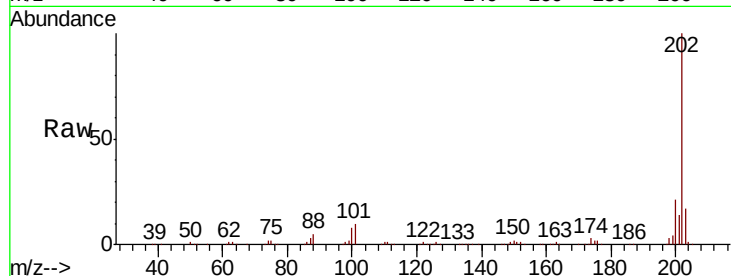




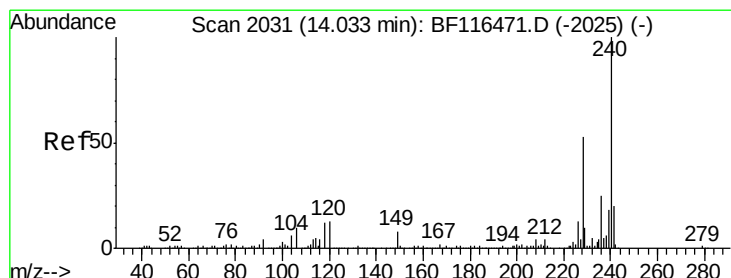
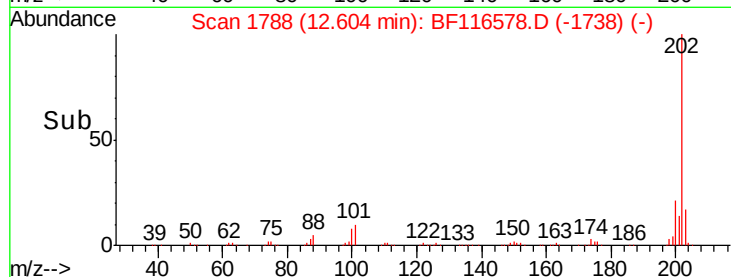
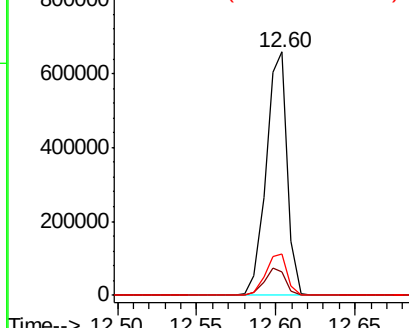
#75
Fluoranthene
Concen: 42.204 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	31.5
203	17.1	0.0	37.5

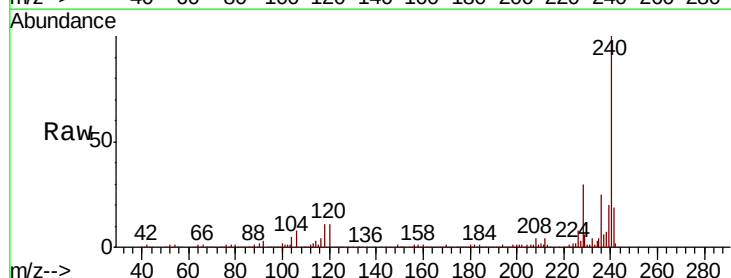


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

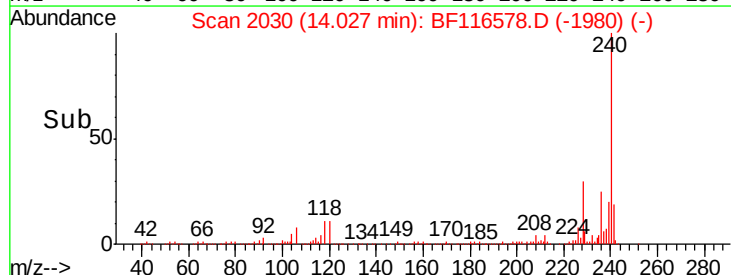
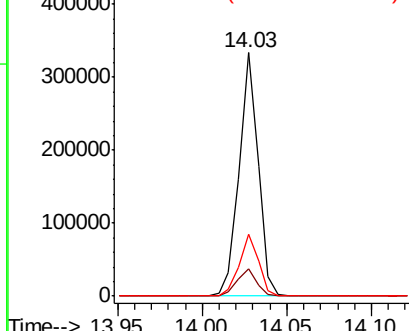


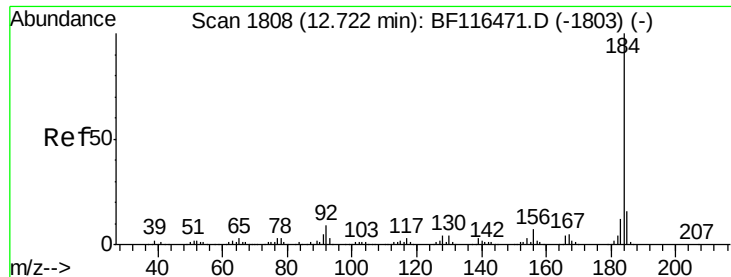
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.5	15.7
236	25.3	20.2	30.2



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: 33.888 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

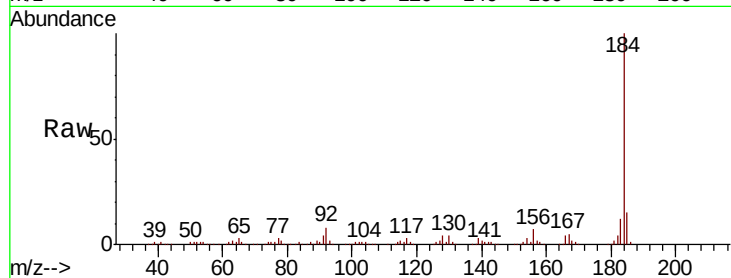
Instrument :

BNA_F

ClientSampled :

Tot Ion:184 Resp: 355179

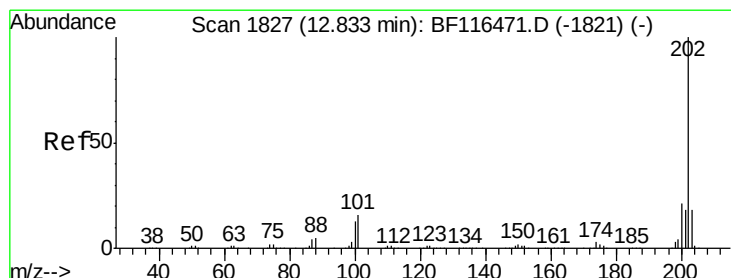
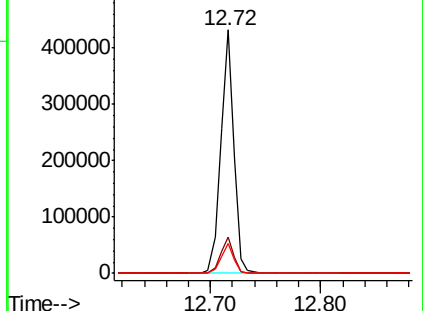
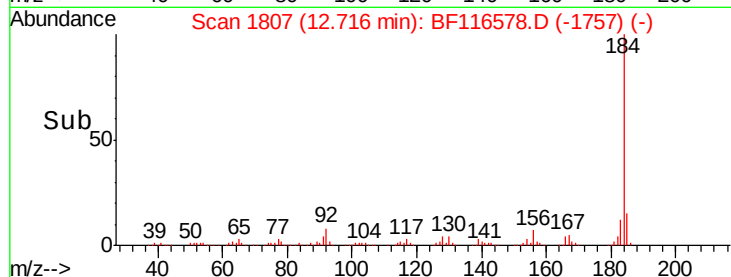
Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.0	19.4
183	12.2	9.8	14.6



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: 38.954 ng

RT: 12.83 min Scan# 1827

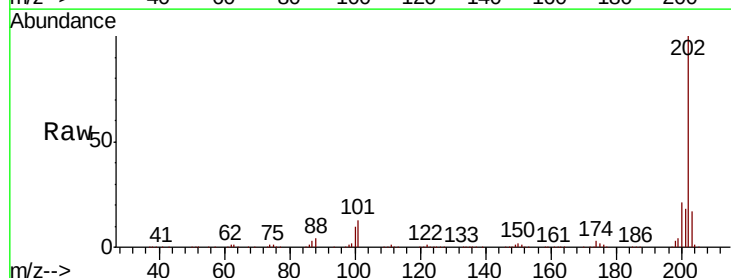
Delta R.T. -0.00 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Tgt Ion:202 Resp: 811530

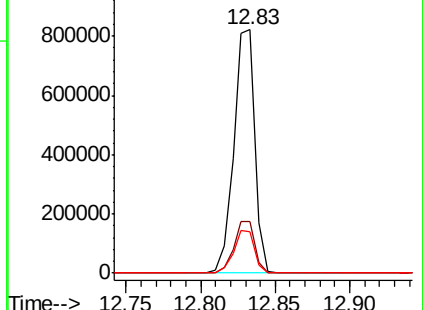
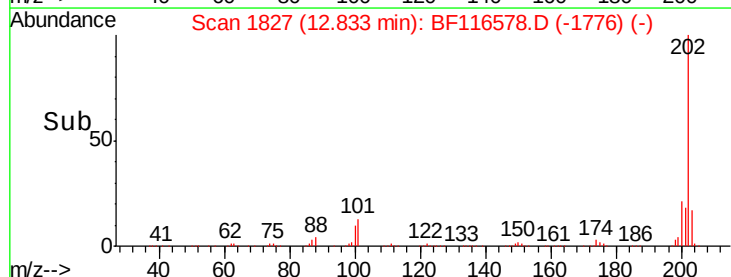
Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.2	14.2	21.4

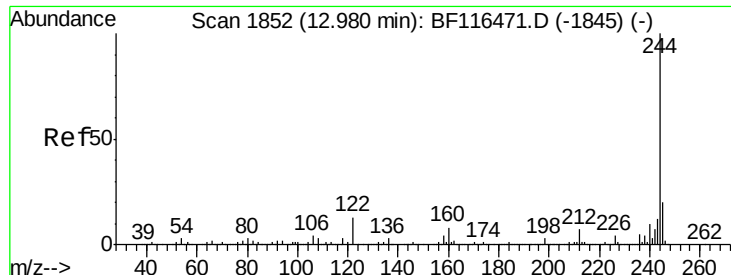


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.228 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Instrument :

BNA_F

ClientSampleId :

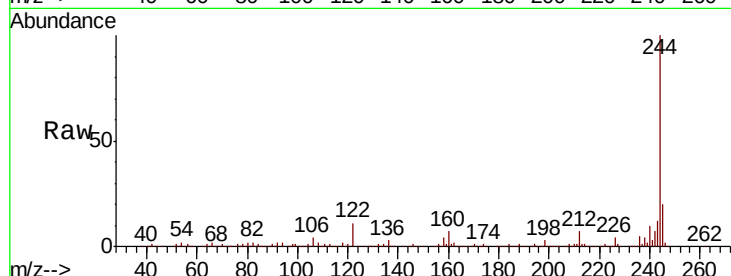
Tot Ion:244 Resp: 1063121

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

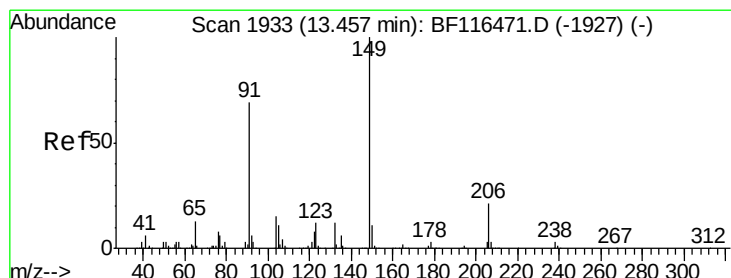
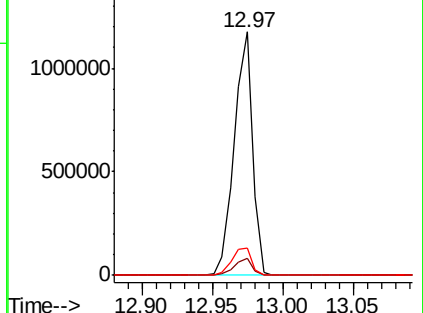
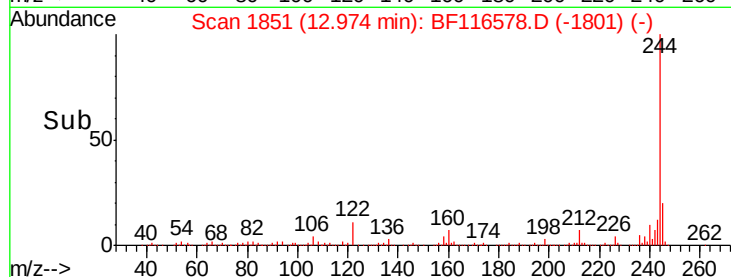
122 11.3 10.2 15.4



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: 36.663 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

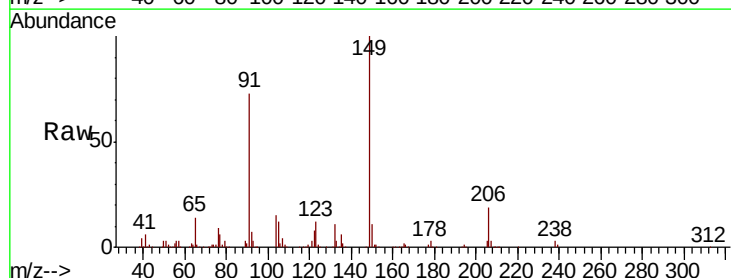
Tgt Ion:149 Resp: 329864

Ion Ratio Lower Upper

149 100

91 73.1 54.9 82.3

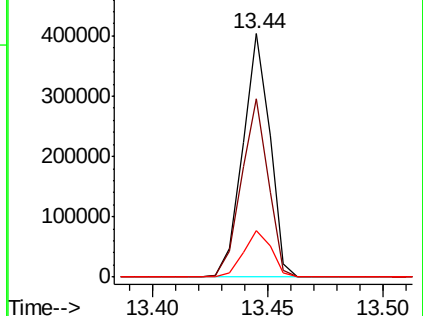
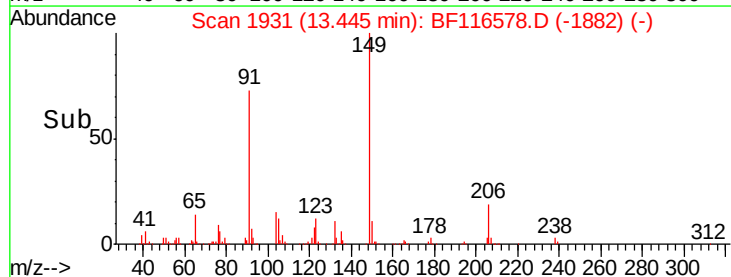
206 19.2 16.6 24.8

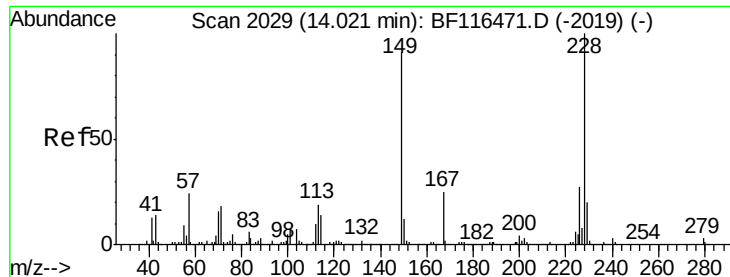


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.496 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Instrument :

BNA_F

ClientSampled :

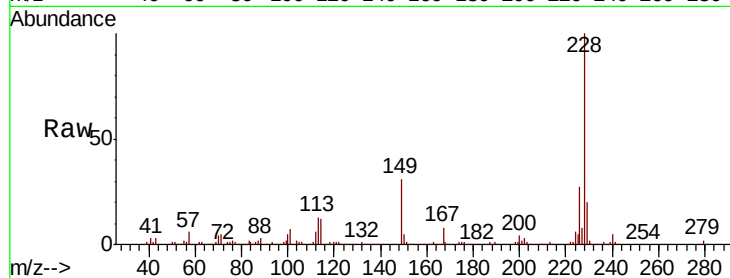
Tot Ion:228 Resp: 666391

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.6

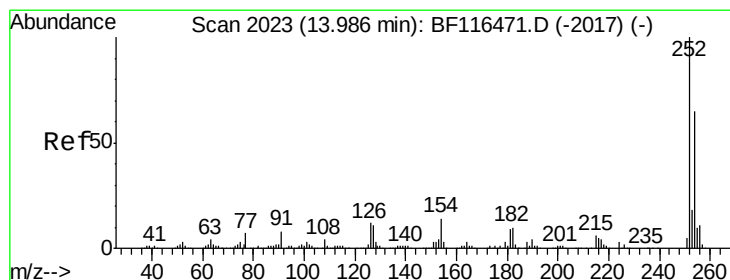
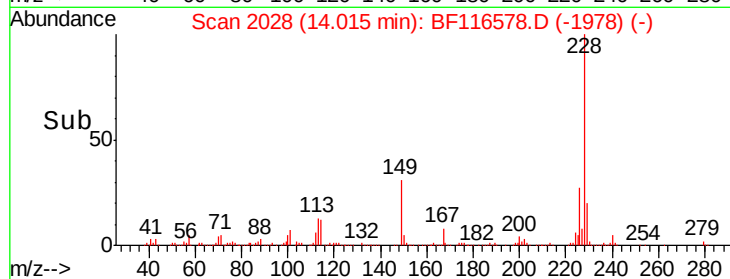
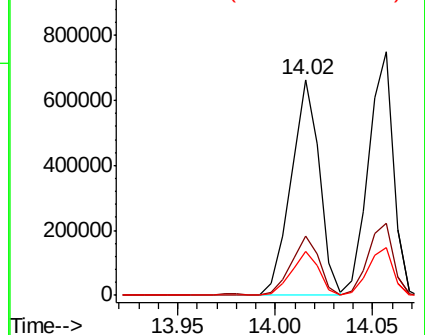
229 20.2 15.9 23.9



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: 39.418 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

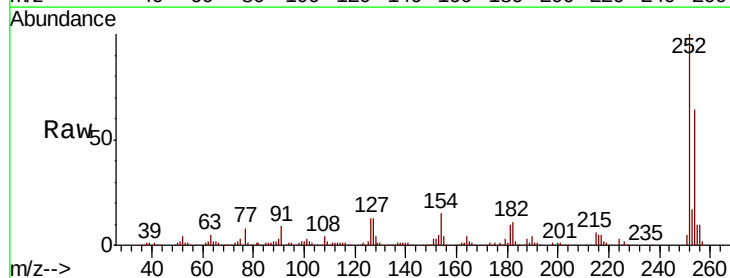
Tgt Ion:252 Resp: 237006

Ion Ratio Lower Upper

252 100

254 64.1 51.9 77.9

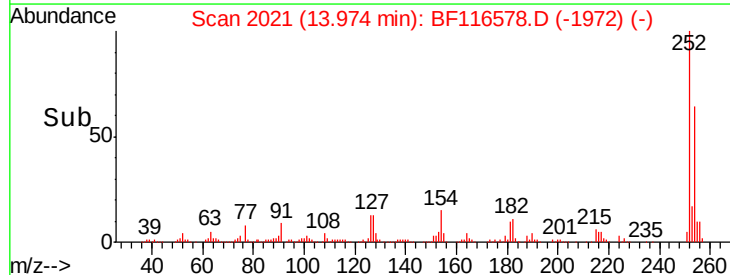
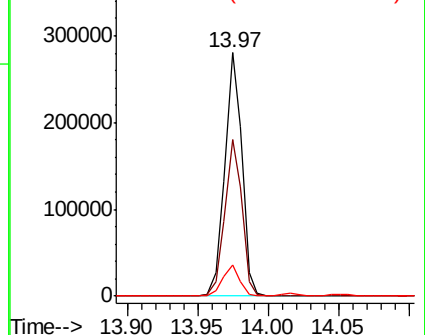
126 12.9 9.4 14.0

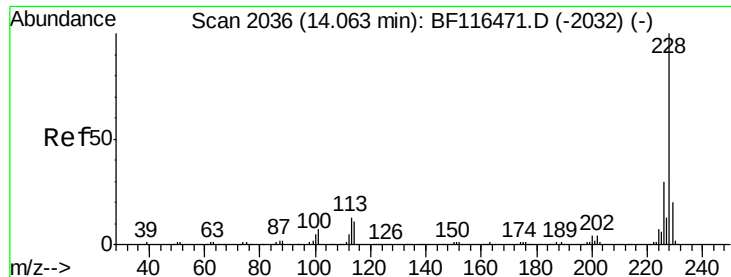


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.867 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Instrument :

BNA_F

ClientSampled :

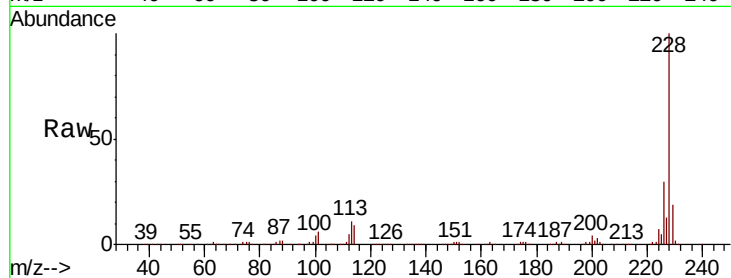
Tot Ion:228 Resp: 664661

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

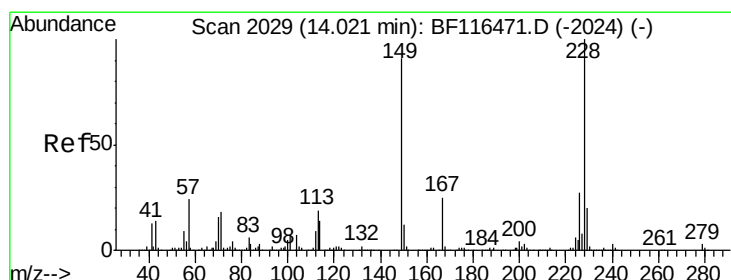
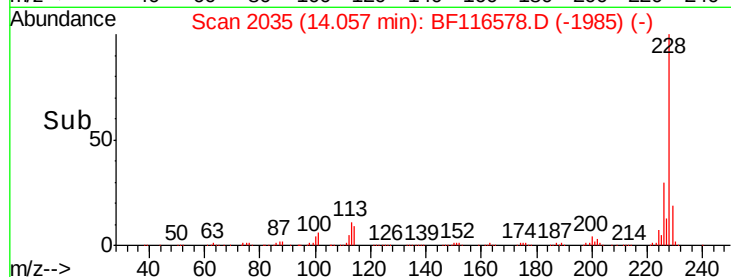
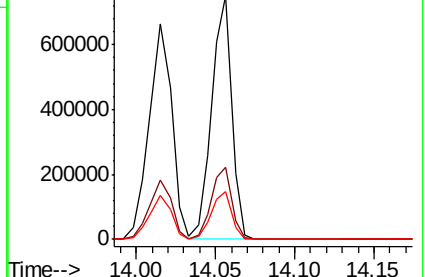
229 19.4 15.8 23.6



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: 34.258 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

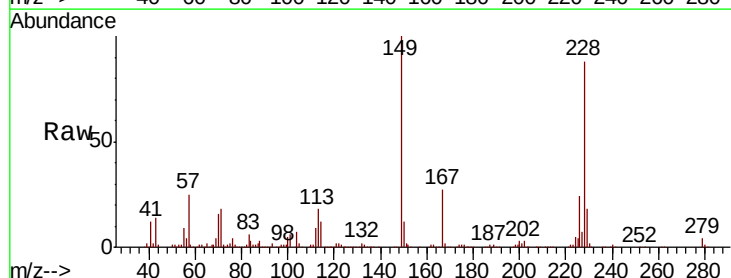
Tgt Ion:149 Resp: 411002

Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

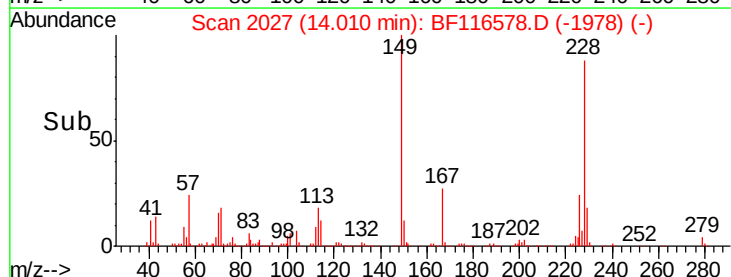
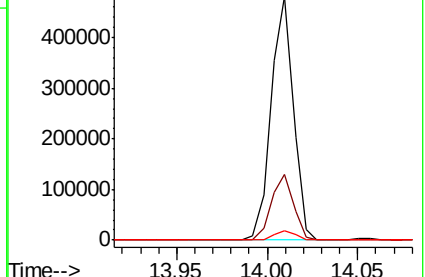
279 3.8 3.0 4.4

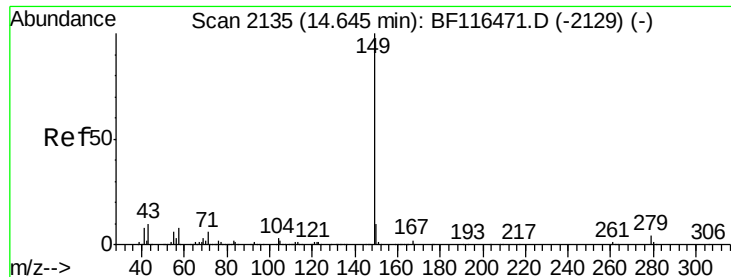


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 33.383 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.02 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Instrument :

BNA_F

ClientSampled :

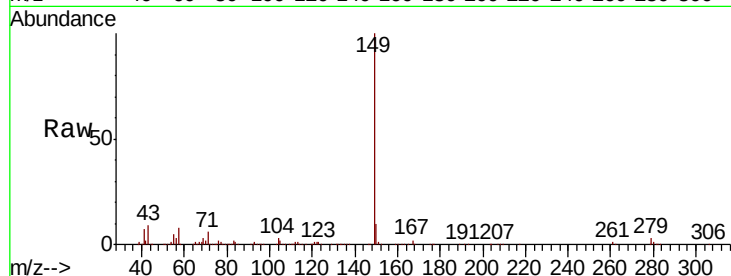
Tot Ion:149 Resp: 679944

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

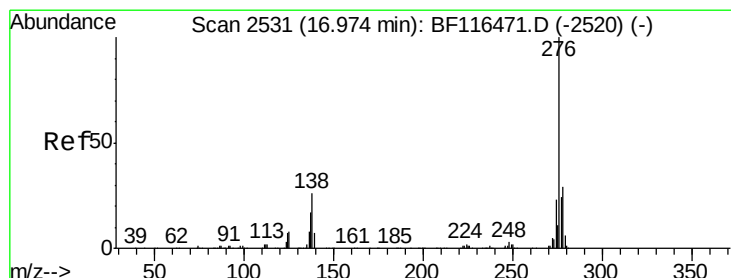
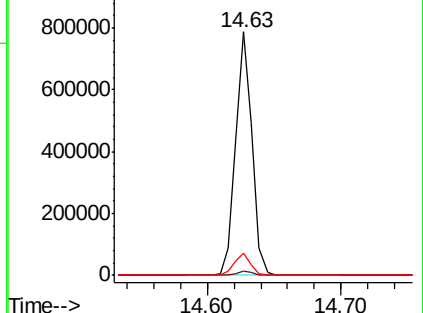
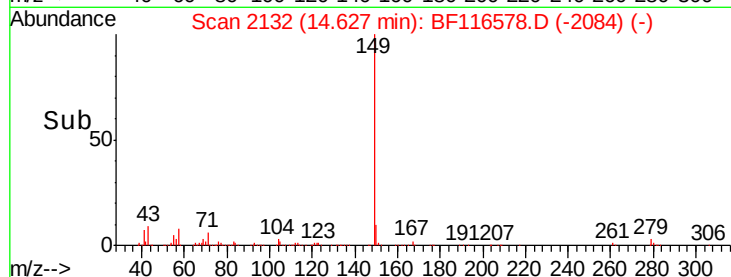
43 9.2 7.8 11.8



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: 34.259 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

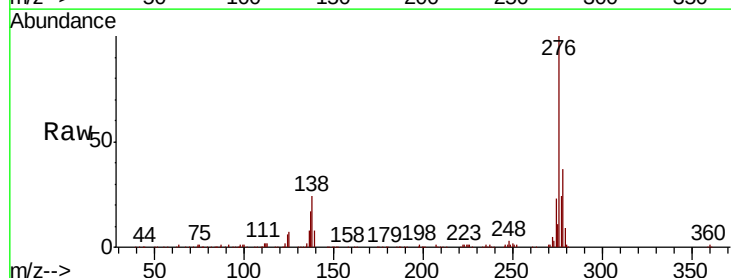
Tgt Ion:276 Resp: 501865

Ion Ratio Lower Upper

276 100

138 26.7 22.9 34.3

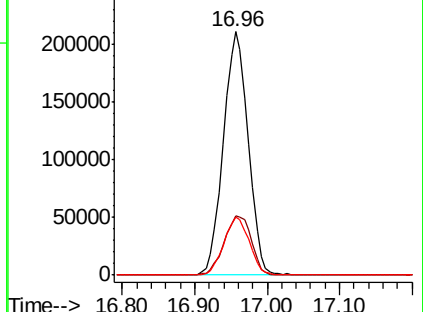
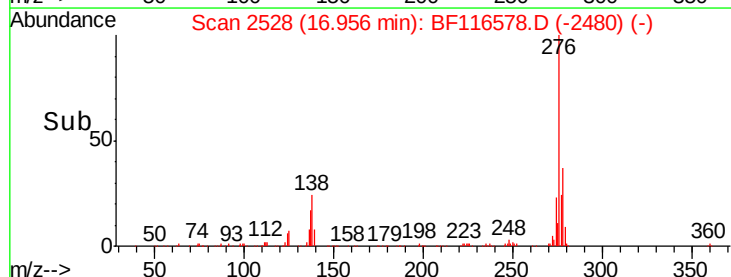
277 24.4 19.9 29.9

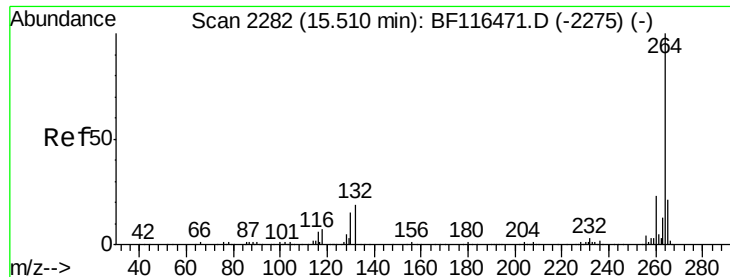


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

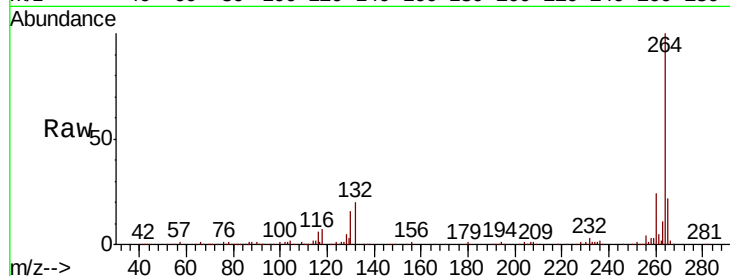




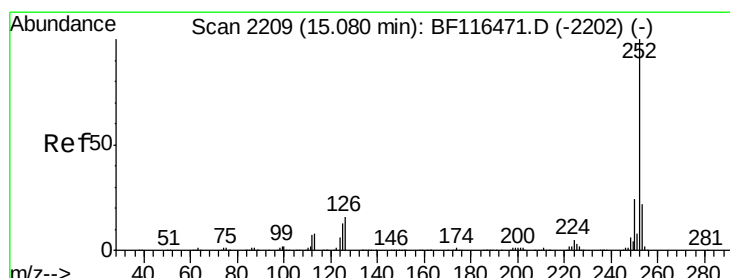
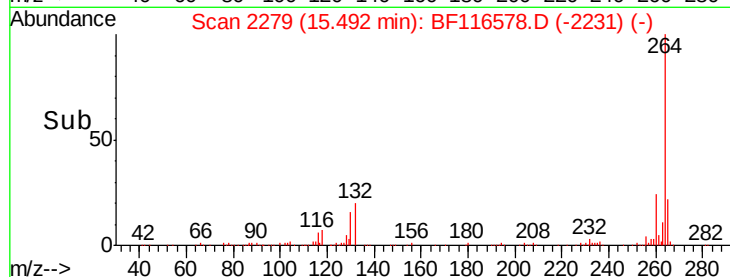
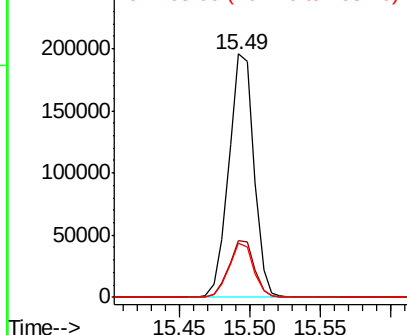
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 242882
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 22.0 17.1 25.7

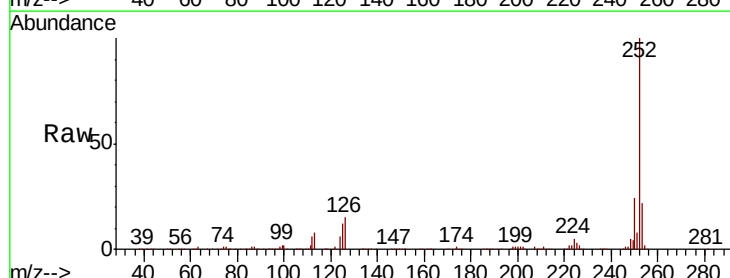


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

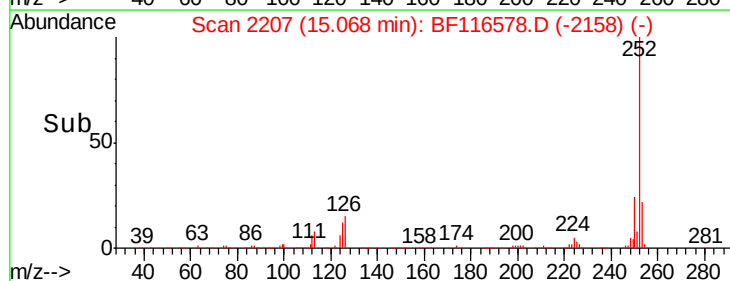
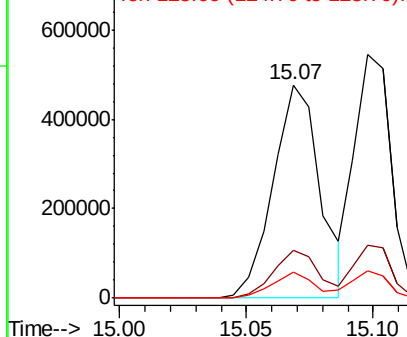


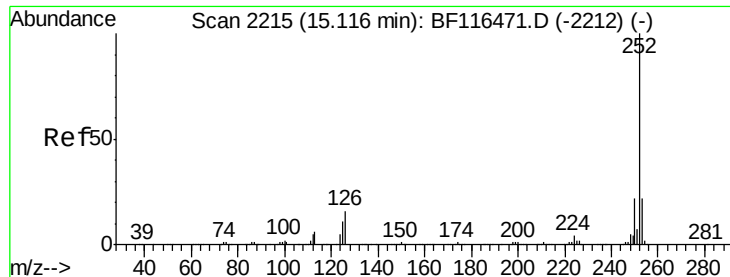
#88
Benzo(b)fluoranthene
Concen: 40.923 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Tgt Ion:252 Resp: 614013
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 11.9 10.1 15.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

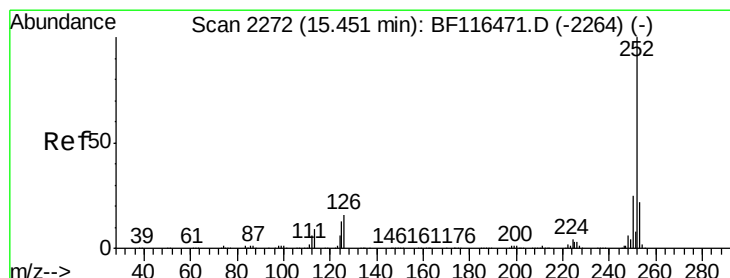
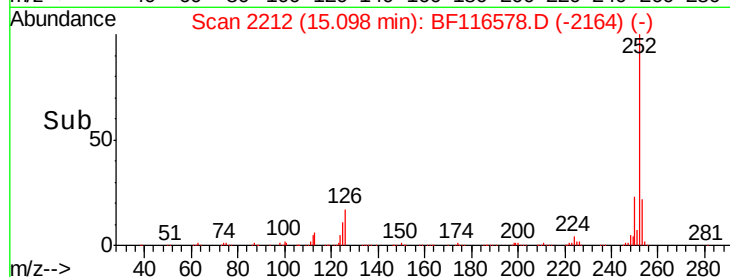
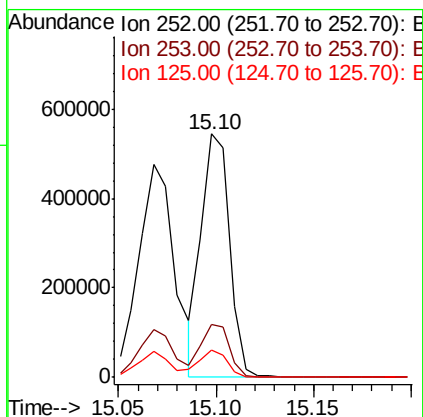
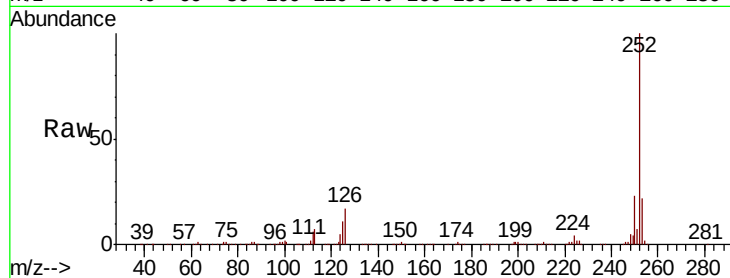




#89
Benzo(k)fluoranthene
Concen: 40.215 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

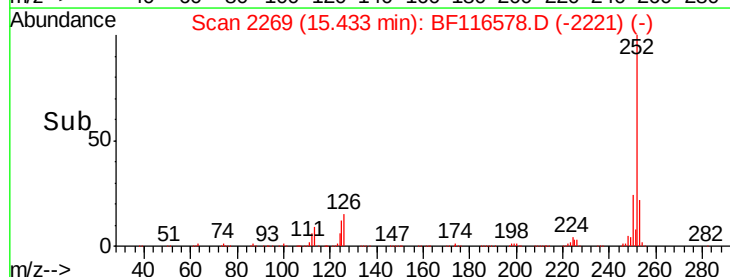
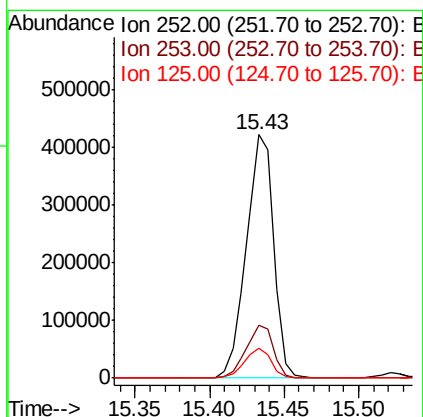
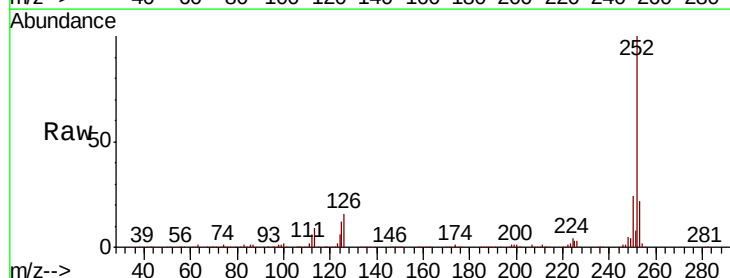
Instrument :
BNA_F
ClientSampleId :

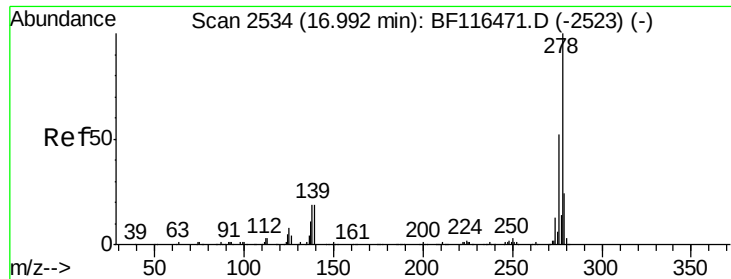
Tot Ion:252 Resp: 546643
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 11.4 9.1 13.7



#90
Benzo(a)pyrene
Concen: 40.217 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF116578.D
Acq: 27 Aug 2019 11:02

Tgt Ion:252 Resp: 533305
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 12.2 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 36.849 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.02 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

Instrument :

BNA_F

ClientSampleId :

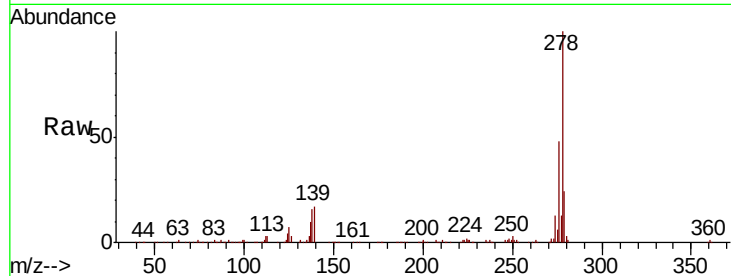
Tot Ion:278 Resp: 401523

Ion Ratio Lower Upper

278 100

139 17.0 15.3 22.9

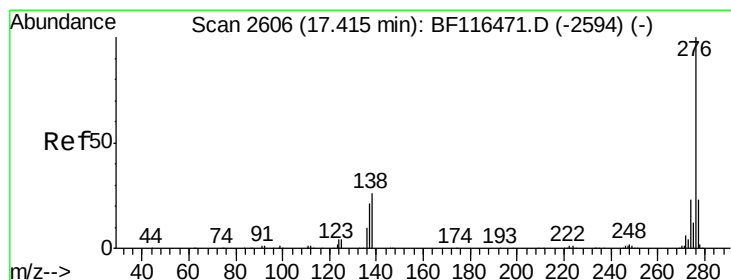
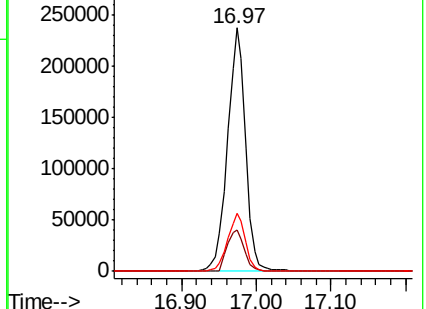
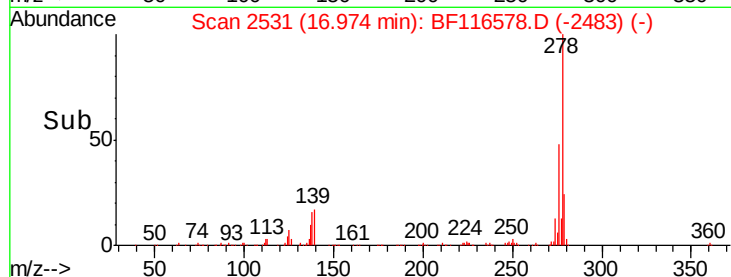
279 24.1 19.0 28.6



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: 37.841 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.02 min

Lab File: BF116578.D

Acq: 27 Aug 2019 11:02

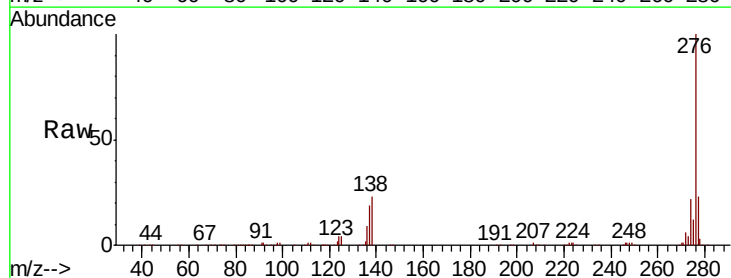
Tgt Ion:276 Resp: 393093

Ion Ratio Lower Upper

276 100

277 23.3 18.7 28.1

138 23.2 20.8 31.2



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

