

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118502.D
 Acq On : 8 Jan 2020 15:56
 Operator : JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 16:29:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	85337	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	351729	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	177832	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	314595	20.00	ng	0.00
76) Chrysene-d12	14.04	240	244089	20.00	ng	0.00
87) Perylene-d12	15.53	264	215949	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	368999	71.38	ng	0.00
7) Phenol-d6	6.47	99	489704	79.23	ng	0.00
23) Nitrobenzene-d5	7.40	82	490070	73.19	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	168441	80.27	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	991056	79.93	ng	0.00
79) Terphenyl-d14	12.97	244	1101562	71.52	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.55	88	64601	37.483	ng	98
3) Pyridine	3.30	79	184160	39.696	ng	97
4) n-Nitrosodimethylamine	3.26	42	90023	38.724	ng	98
6) Aniline	6.50	93	308544	40.151	ng	98
8) 2-Chlorophenol	6.62	128	231855	41.020	ng	99
9) Benzaldehyde	6.39	77	124931	36.309	ng	96
10) Phenol	6.49	94	274559	40.090	ng	94
11) bis(2-Chloroethyl)ether	6.57	93	197216	40.391	ng	99
12) 1,3-Dichlorobenzene	6.77	146	252822	38.264	ng	98
13) 1,4-Dichlorobenzene	6.85	146	255492	37.897	ng	98
14) 1,2-Dichlorobenzene	7.00	146	243682	37.404	ng	97
15) Benzyl Alcohol	6.98	79	190101	37.918	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	202128	37.318	ng	95
17) 2-Methylphenol	7.10	107	173739	37.403	ng	98
18) Hexachloroethane	7.35	117	98210	38.446	ng	# 87
19) n-Nitroso-di-n-propylamine	7.25	70	152897	38.409	ng	99
20) 3+4-Methylphenols	7.25	107	239487	38.008	ng	99
22) Acetophenone	7.25	105	334492	37.517	ng	98
24) Nitrobenzene	7.42	77	238869	35.878	ng	97
25) Isophorone	7.66	82	408766	38.108	ng	97
26) 2-Nitrophenol	7.74	139	126558	38.500	ng	99
27) 2,4-Dimethylphenol	7.78	122	168447	38.105	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	266180	37.745	ng	100
29) 2,4-Dichlorophenol	7.99	162	193848	37.556	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	230894	38.515	ng	99
31) Naphthalene	8.15	128	675147	36.696	ng	99
32) Benzoic acid	7.92	122	98830	34.561	ng	98
33) 4-Chloroaniline	8.20	127	293117	38.699	ng	99
34) Hexachlorobutadiene	8.26	225	138277	37.577	ng	98
35) Caprolactam	8.57	113	56307	36.215	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	199294	35.915	ng	99
37) 2-Methylnaphthalene	8.84	142	458644	36.322	ng	100
38) 1-Methylnaphthalene	8.94	142	422961	35.676	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	209278	38.302	ng	98

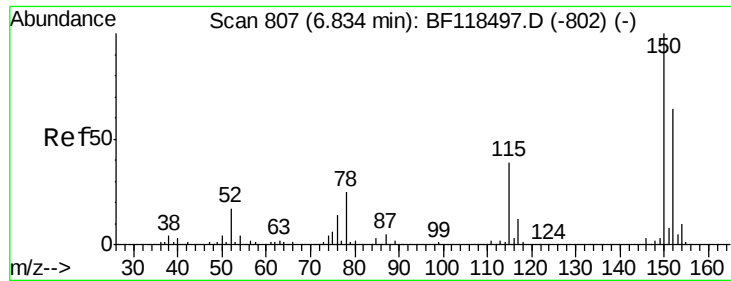
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118502.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	35471	33.452	ng	96
43) 2,4,6-Trichlorophenol	9.12	196	135672	40.182	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	137915	39.472	ng	96
46) 1,1'-Biphenyl	9.30	154	576022	39.643	ng	98
47) 2-Chloronaphthalene	9.33	162	455234	39.584	ng	96
48) 2-Nitroaniline	9.43	65	126312	38.008	ng	99
49) Acenaphthylene	9.75	152	594822	34.747	ng	100
50) Dimethylphthalate	9.60	163	513196	37.600	ng	99
51) 2,6-Dinitrotoluene	9.67	165	105956	36.048	ng	97
52) Acenaphthene	9.92	154	389364	37.246	ng	98
53) 3-Nitroaniline	9.85	138	122584	35.604	ng	98
54) 2,4-Dinitrophenol	9.97	184	38514	33.080	ng	95
55) Dibenzofuran	10.09	168	593916	37.826	ng	99
56) 4-Nitrophenol	10.02	139	64956	38.856	ng	98
57) 2,4-Dinitrotoluene	10.09	165	151237	38.428	ng	98
58) Fluorene	10.44	166	457158	36.224	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	103577	35.054	ng	99
60) Diethylphthalate	10.30	149	498939	35.910	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	233663	37.055	ng	98
62) 4-Nitroaniline	10.47	138	128537	38.128	ng	98
63) Azobenzene	10.59	77	449591	38.078	ng	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	64431	38.743	ng	97
66) n-Nitrosodiphenylamine	10.55	169	413558	40.367	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	145155	39.393	ng	96
68) Hexachlorobenzene	10.99	284	169982	38.629	ng	99
69) Atrazine	11.07	200	109759	36.055	ng	98
70) Pentachlorophenol	11.19	266	45202	33.847	ng	97
71) Phenanthrene	11.40	178	658087	37.342	ng	99
72) Anthracene	11.46	178	649089	37.022	ng	100
73) Carbazole	11.62	167	574606	37.834	ng	100
74) Di-n-butylphthalate	11.93	149	772041	38.104	ng	99
75) Fluoranthene	12.60	202	697851	38.959	ng	99
77) Benzidine	12.72	184	208779	35.211	ng	98
78) Pyrene	12.83	202	707984	35.254	ng	100
80) Butylbenzylphthalate	13.45	149	354422	38.536	ng	91
81) Benzo(a)anthracene	14.03	228	631594	36.968	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	207823	37.406	ng	99
83) Chrysene	14.07	228	623143	37.534	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	469560	37.602	ng	99
85) Di-n-octyl phthalate	14.63	149	716693	40.012	ng	100
86) Indeno(1,2,3-cd)pyrene	17.04	276	459658	34.390	ng	100
88) Benzo(b)fluoranthene	15.10	252	524157	33.572	ng	98
89) Benzo(k)fluoranthene	15.13	252	559582	37.549	ng	99
90) Benzo(a)pyrene	15.47	252	462808	36.172	ng	98
91) Dibenzo(a,h)anthracene	17.05	278	380881	31.748	ng	99
92) Benzo(g,h,i)perylene	17.50	276	353333	31.083	ng	99

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

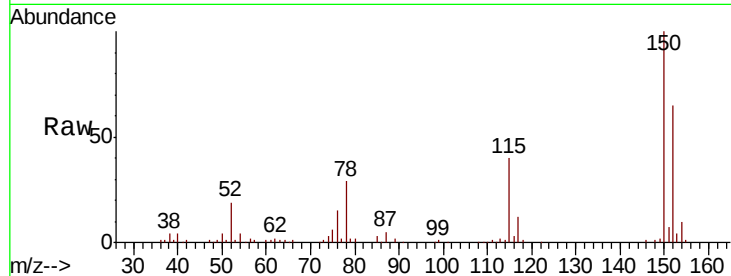


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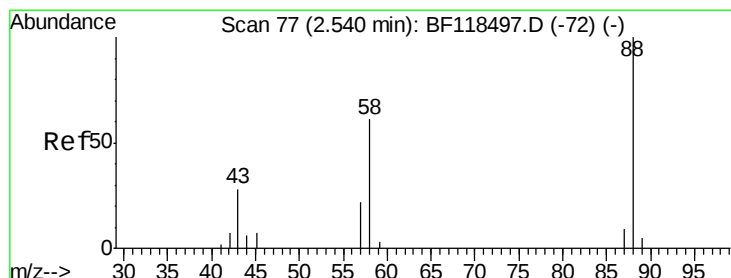
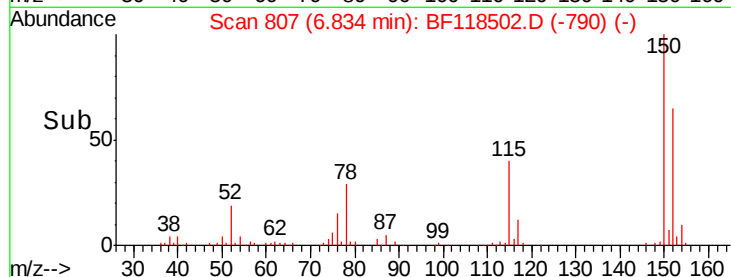
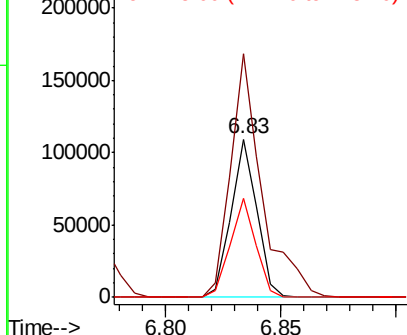
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85337
Ion Ratio Lower Upper
152 100
150 153.7 124.7 187.1
115 62.1 49.0 73.6



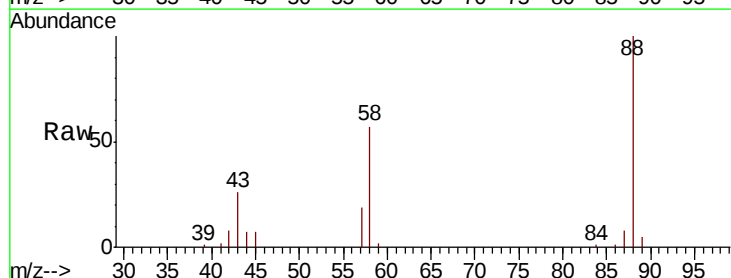
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



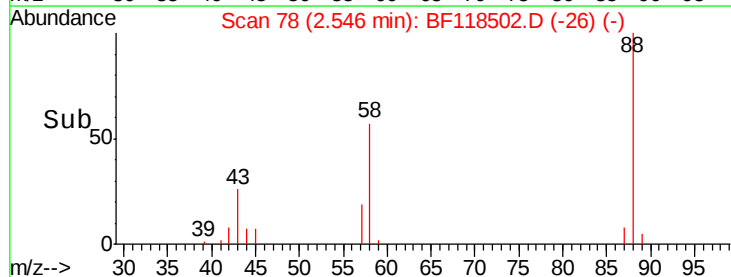
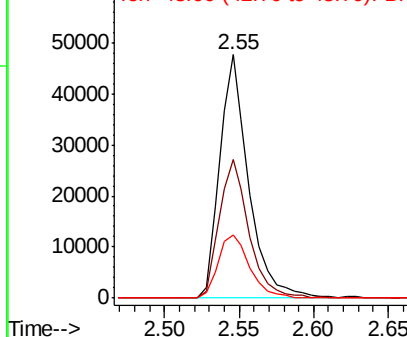
#2

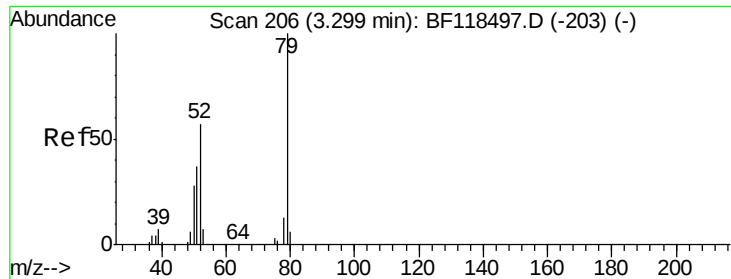
1,4-Dioxane
Concen: 37.483 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Tgt Ion: 88 Resp: 64601
Ion Ratio Lower Upper
88 100
58 58.7 48.3 72.5
43 28.1 23.4 35.0



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





#3

Pvridine

Concen: 39.696 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.01 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

Instrument :

BNA_F

ClientSampleId :

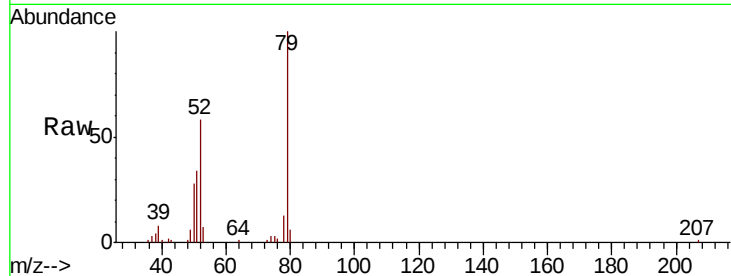
Tot Ion: 79 Resp: 184160

Ion Ratio Lower Upper

79 100

52 57.8 45.9 68.9

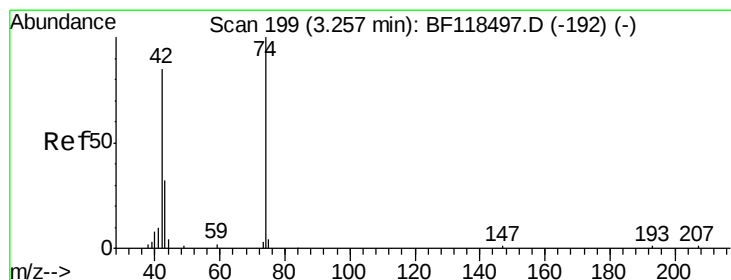
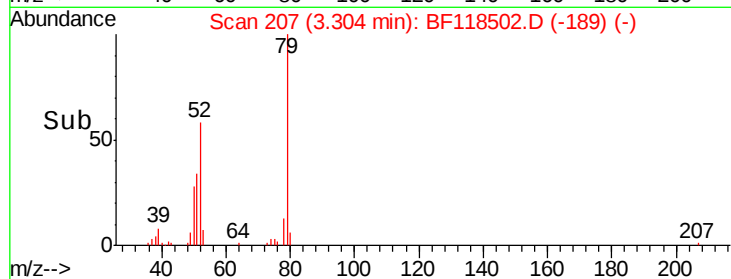
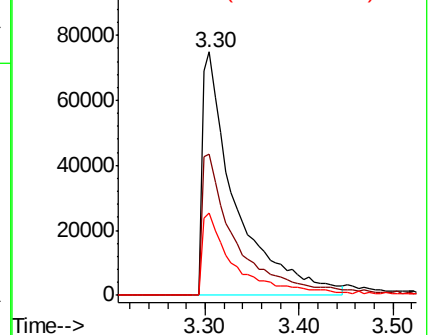
51 33.7 29.8 44.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.724 ng

RT: 3.26 min Scan# 199

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

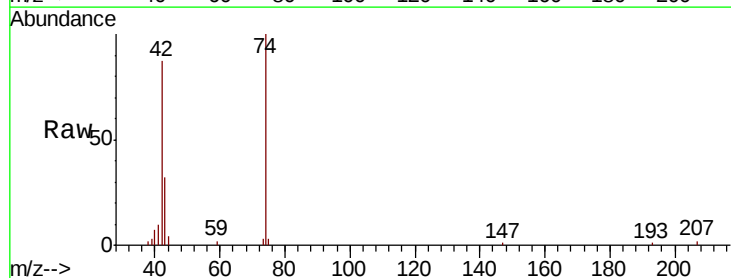
Tgt Ion: 42 Resp: 90023

Ion Ratio Lower Upper

42 100

74 115.0 94.1 141.1

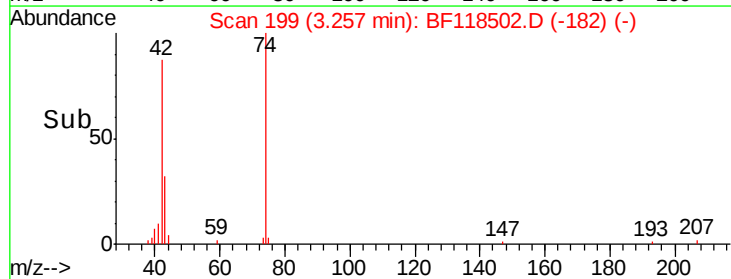
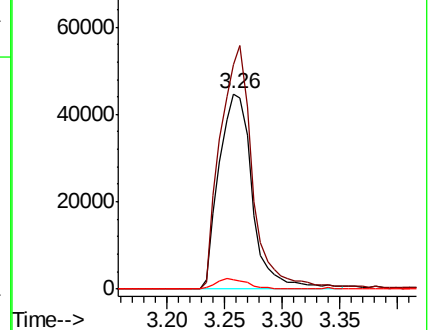
44 4.9 4.1 6.1

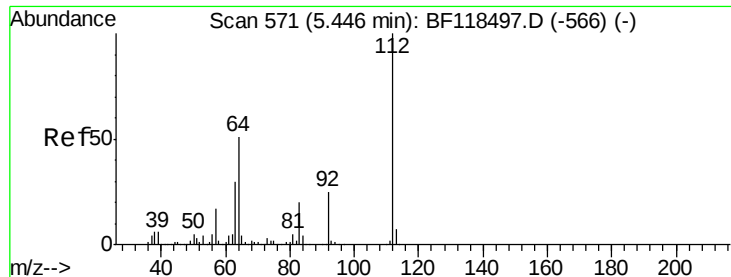


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 71.379 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

Instrument :

BNA_F

ClientSampleId :

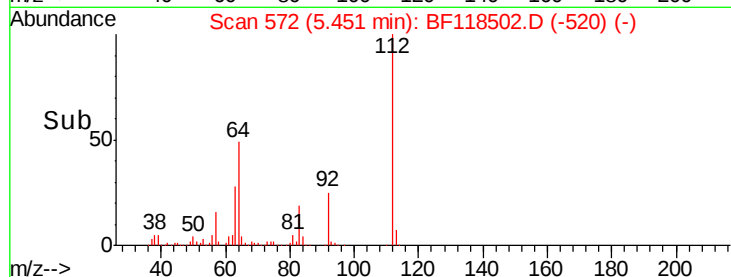
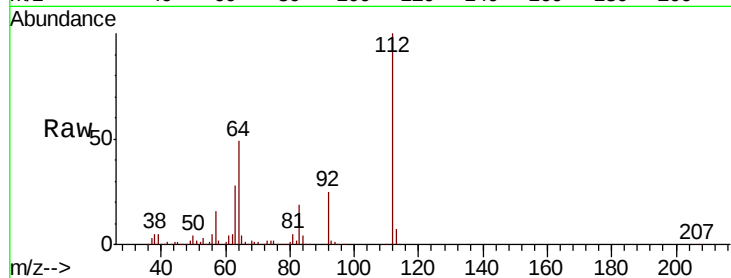
Tot Ion:112 Resp: 368999

Ion Ratio Lower Upper

112 100

64 48.7 41.1 61.7

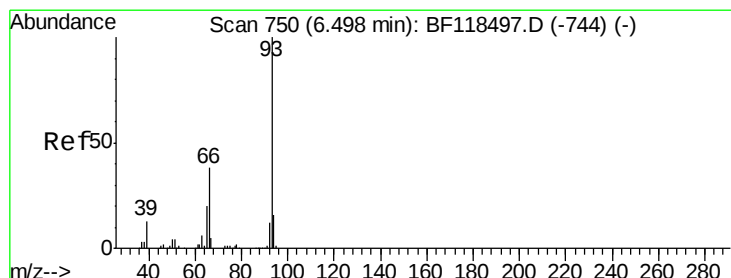
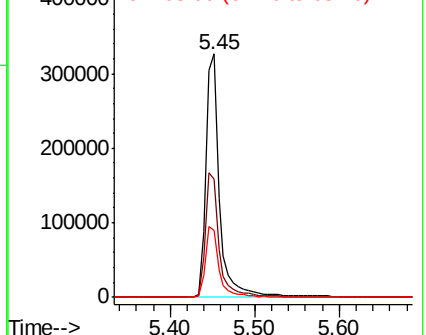
63 27.8 24.1 36.1



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: 40.151 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

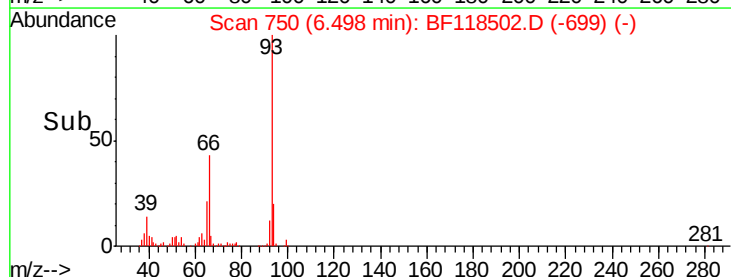
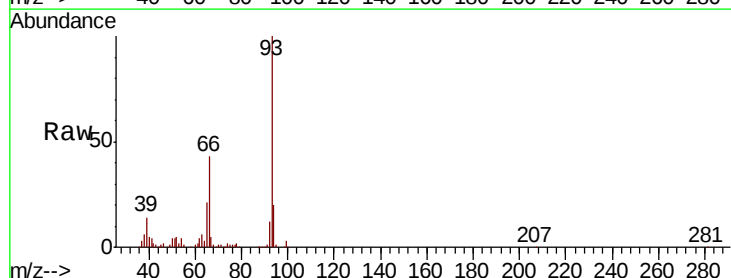
Tgt Ion: 93 Resp: 308544

Ion Ratio Lower Upper

93 100

66 43.4 33.4 50.0

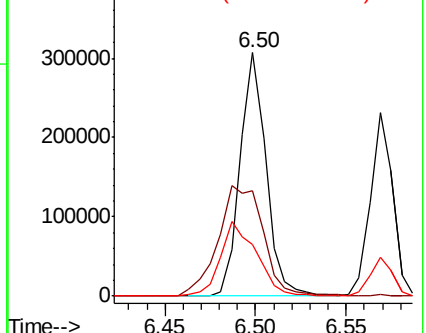
65 21.4 16.7 25.1

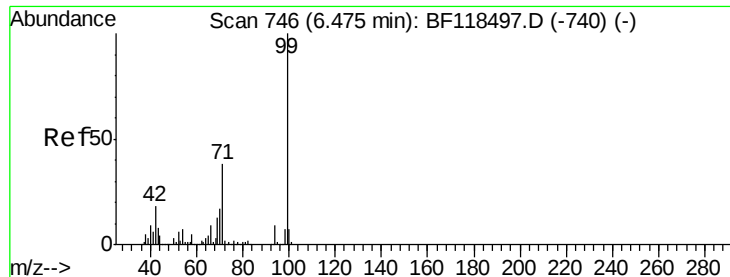


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.233 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

Instrument :

BNA_F

ClientSampleId :

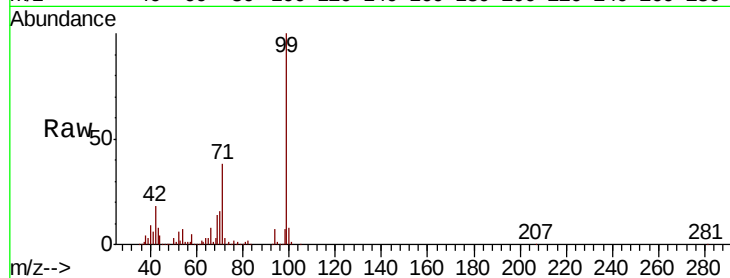
Tot Ion: 99 Resp: 489704

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

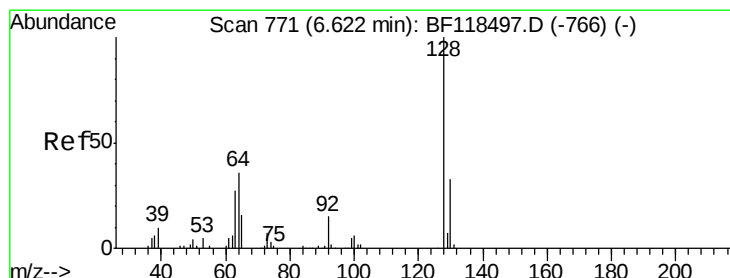
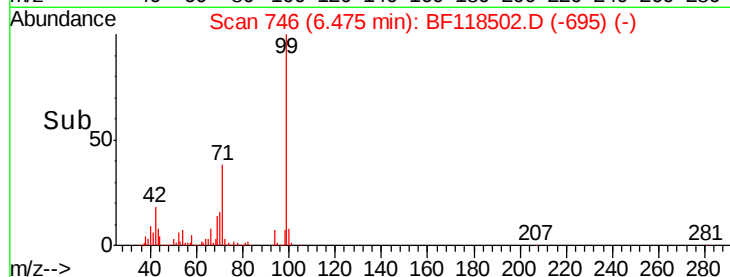
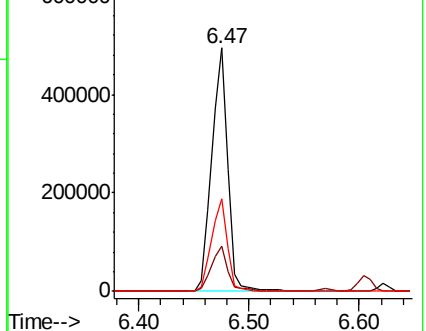
71 38.1 30.6 45.8



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: 41.020 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

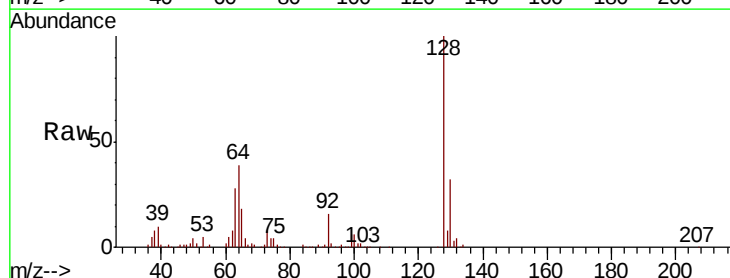
Tgt Ion:128 Resp: 231855

Ion Ratio Lower Upper

128 100

130 32.0 12.7 52.7

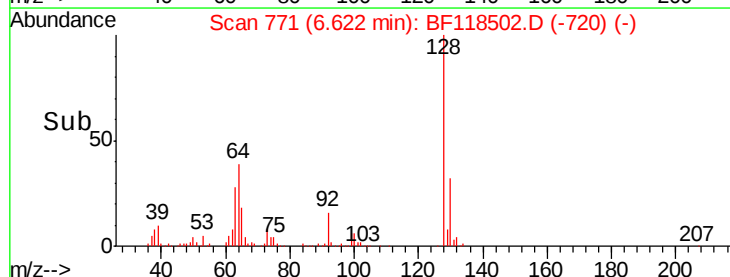
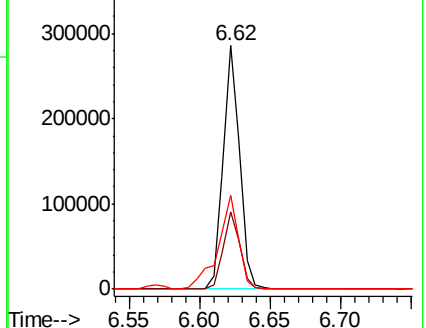
64 38.6 17.8 57.8

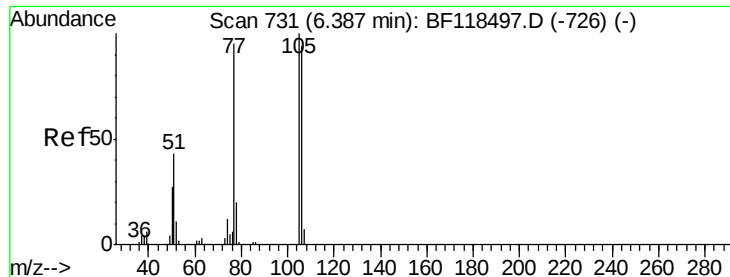


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.309 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

Instrument :

BNA_F

ClientSampleId :

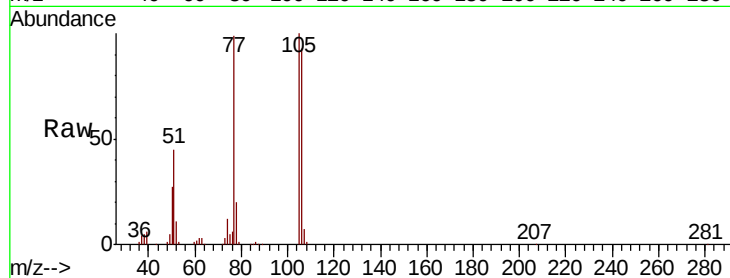
Tot Ion: 77 Resp: 124931

Ion Ratio Lower Upper

77 100

105 101.4 85.4 125.4

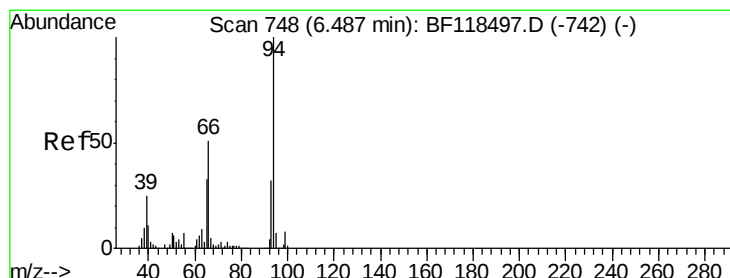
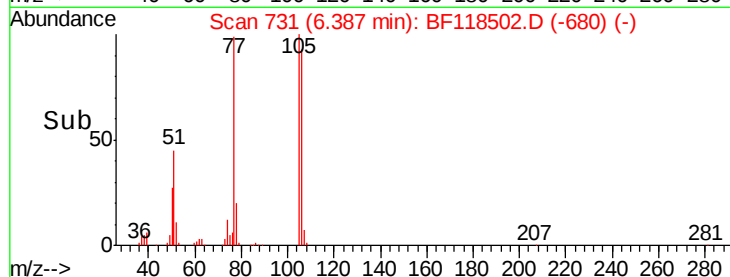
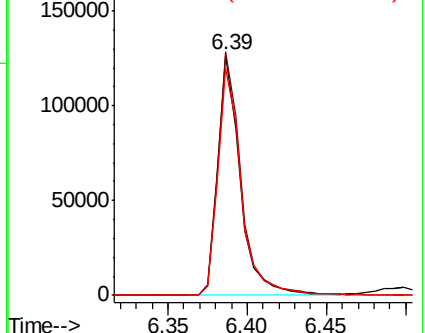
106 94.7 79.5 119.5



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: 40.090 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

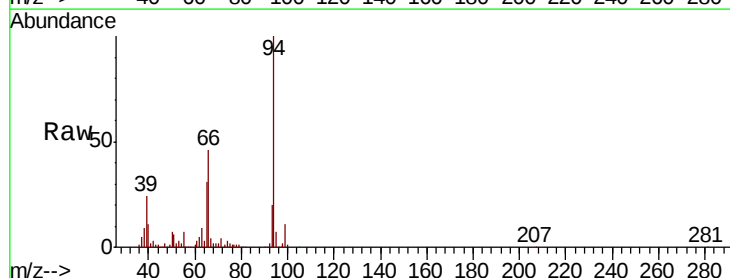
Tgt Ion: 94 Resp: 274559

Ion Ratio Lower Upper

94 100

65 31.0 13.3 53.3

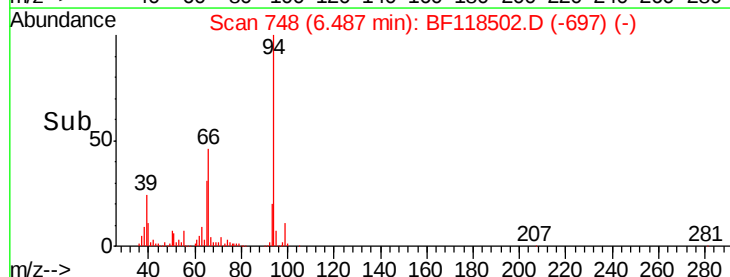
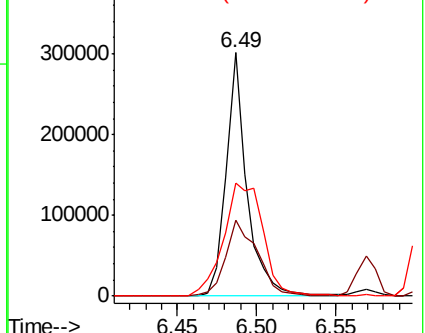
66 46.3 30.9 70.9

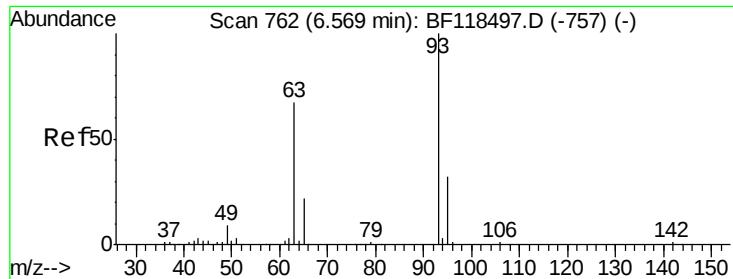


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.391 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

Instrument :

BNA_F

ClientSampleId :

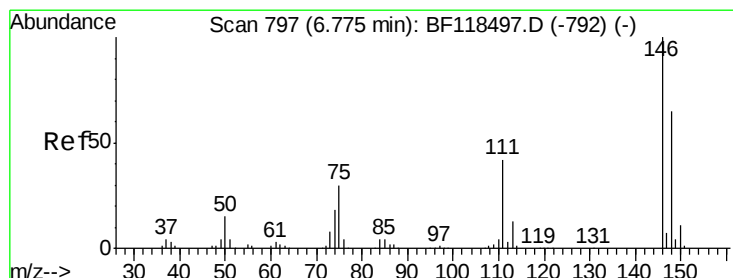
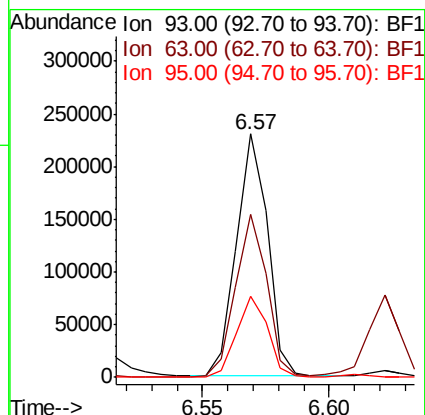
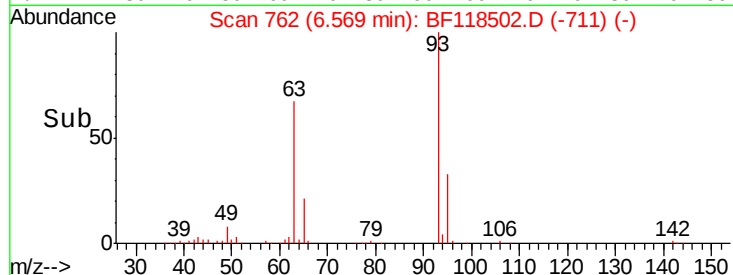
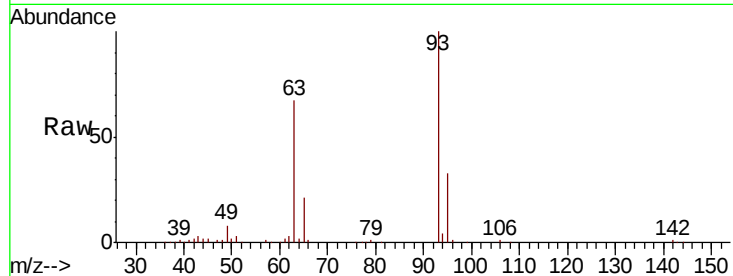
Tot Ion: 93 Resp: 197216

Ion Ratio Lower Upper

93 100

63 67.0 46.6 86.6

95 33.2 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 38.264 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

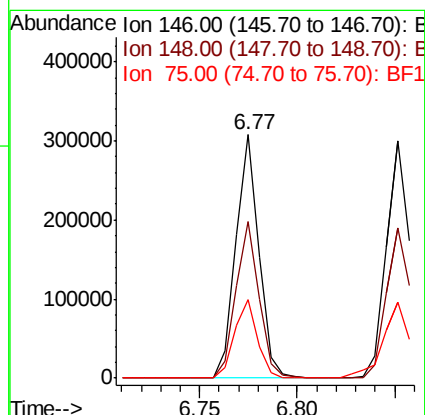
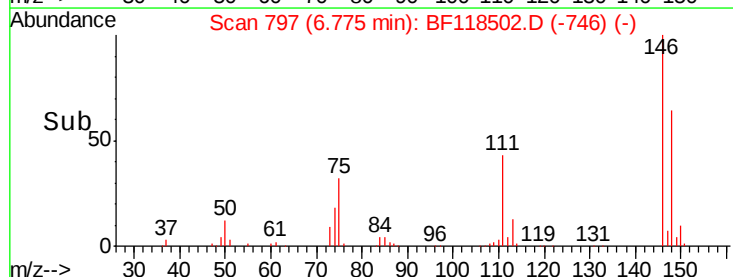
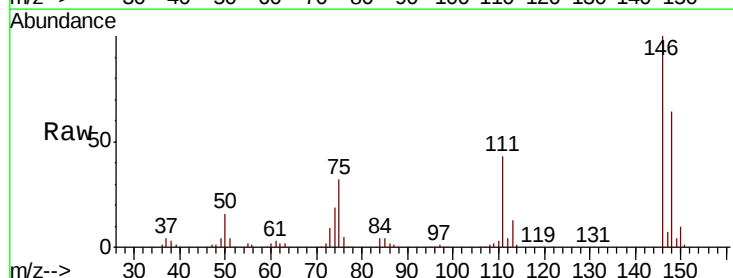
Tgt Ion: 146 Resp: 252822

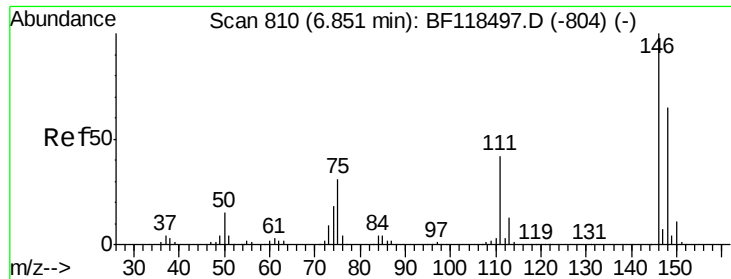
Ion Ratio Lower Upper

146 100

148 64.2 52.4 78.6

75 32.1 24.1 36.1

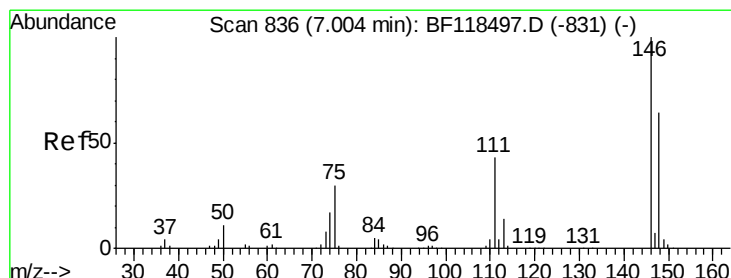
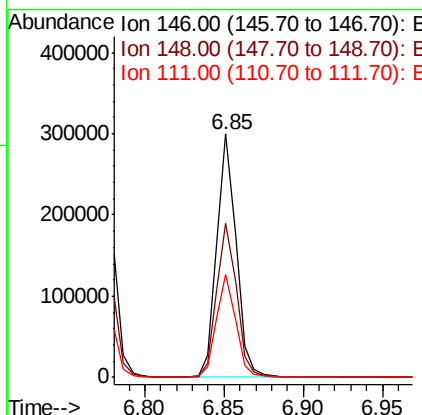
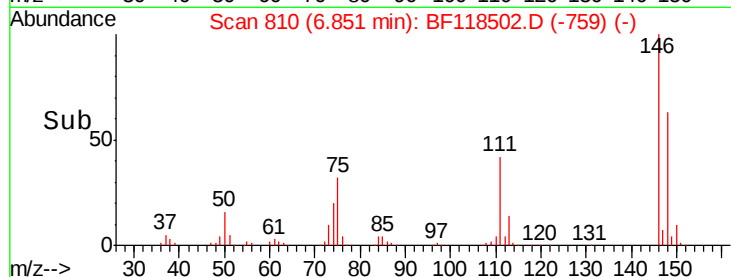
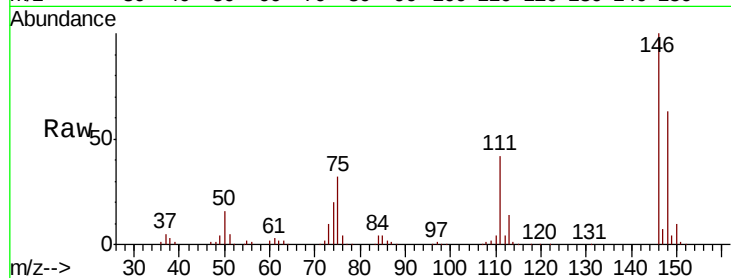




#13
 1,4-Dichlorobenzene
 Concen: 37.897 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

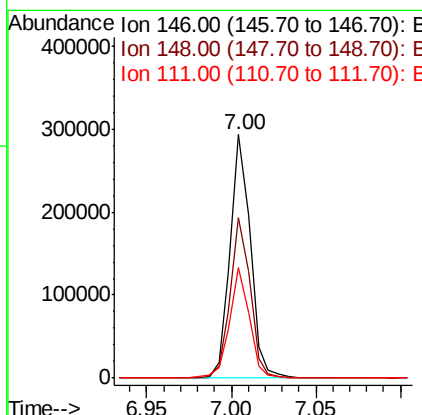
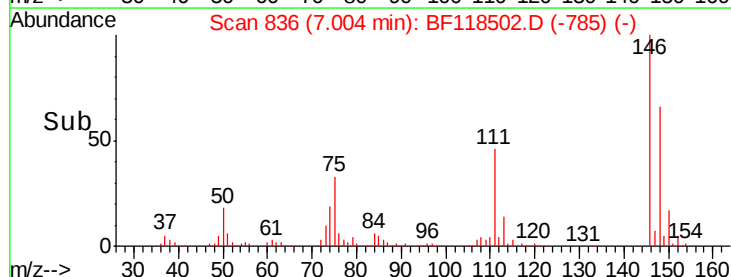
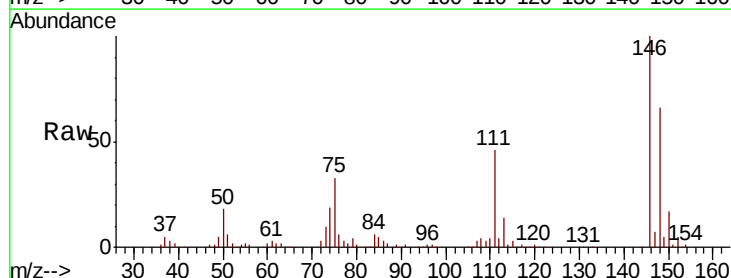
Instrument :
 BNA_F
 ClientSampleId :

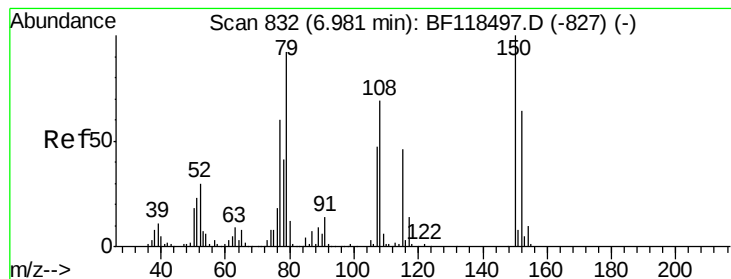
Tot Ion:146 Resp: 255492
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.2 78.2
 111 42.0 33.2 49.8



#14
 1,2-Dichlorobenzene
 Concen: 37.404 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

Tgt Ion:146 Resp: 243682
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.3 76.9
 111 45.6 34.7 52.1





#15

Benzyl Alcohol

Concen: 37.918 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

Instrument :

BNA_F

ClientSampleId :

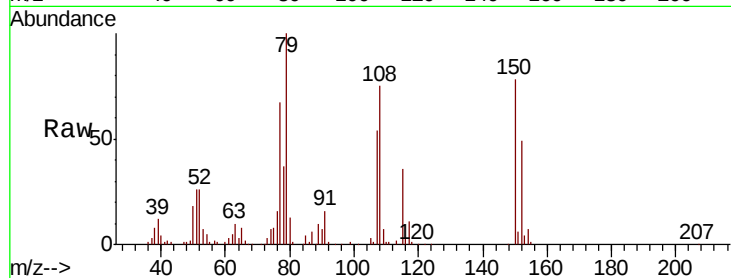
Tot Ion: 79 Resp: 190101

Ion Ratio Lower Upper

79 100

108 74.6 60.2 90.2

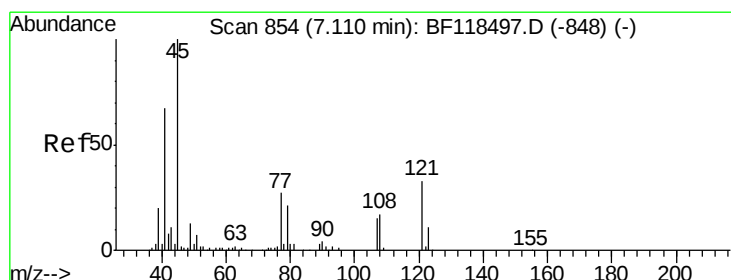
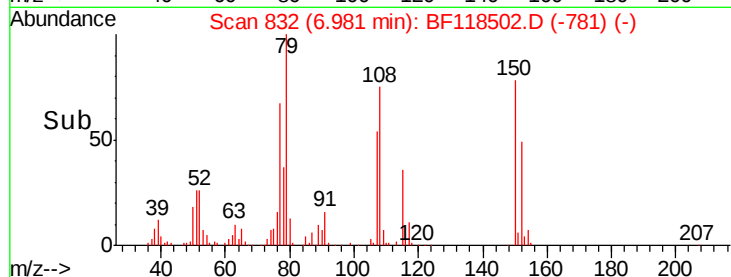
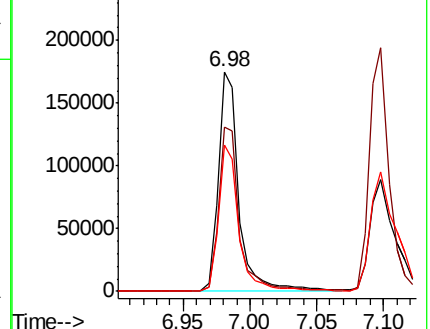
77 66.7 51.8 77.8



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: 37.318 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

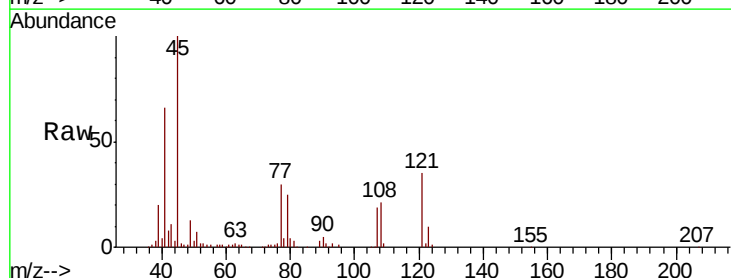
Tgt Ion: 45 Resp: 202128

Ion Ratio Lower Upper

45 100

77 29.9 7.6 47.6

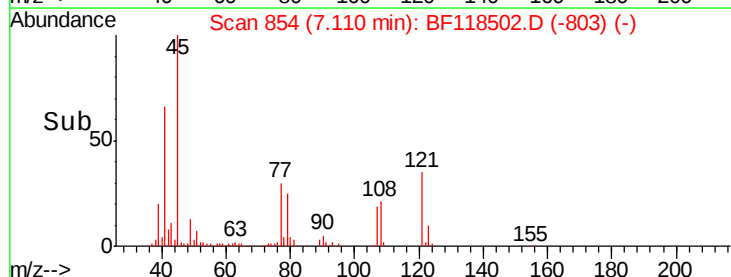
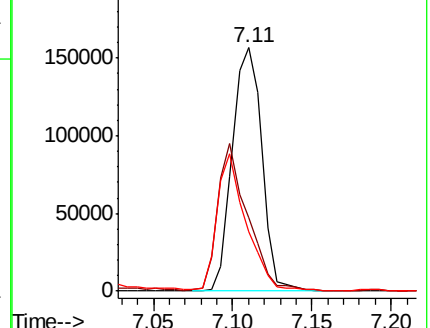
79 24.6 2.0 42.0

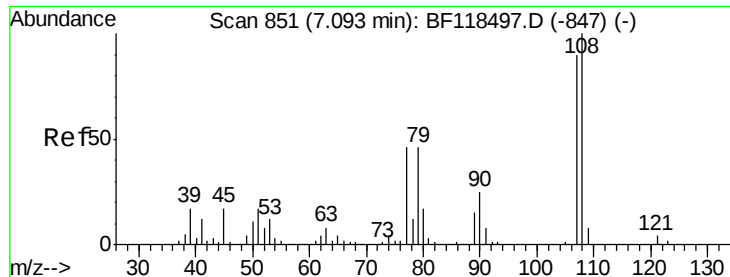


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

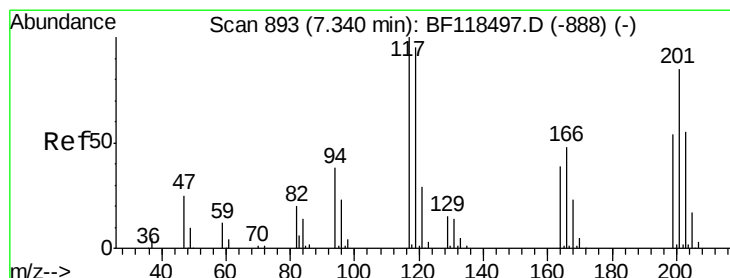
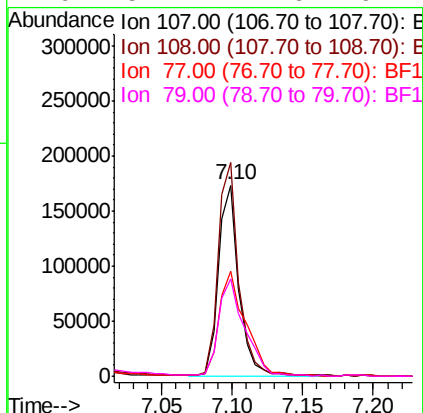
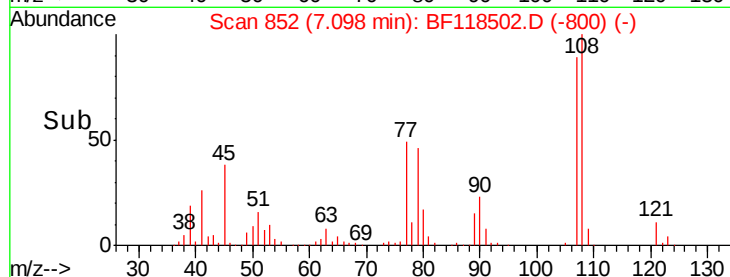
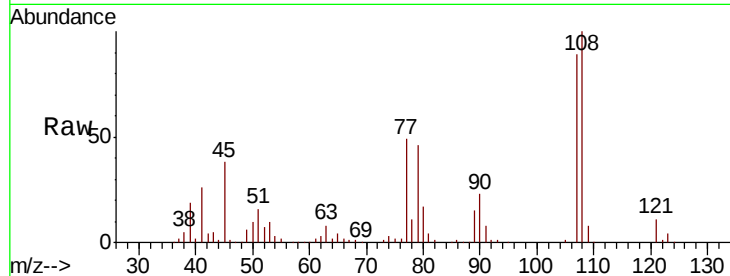




#17
2-Methylphenol
Concen: 37.403 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

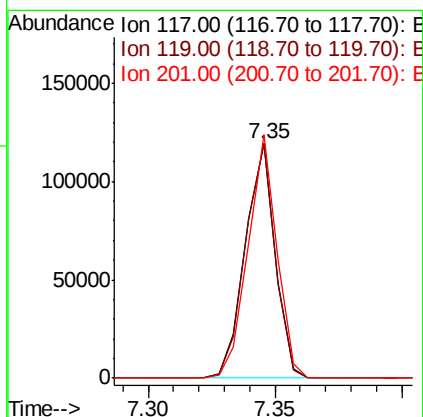
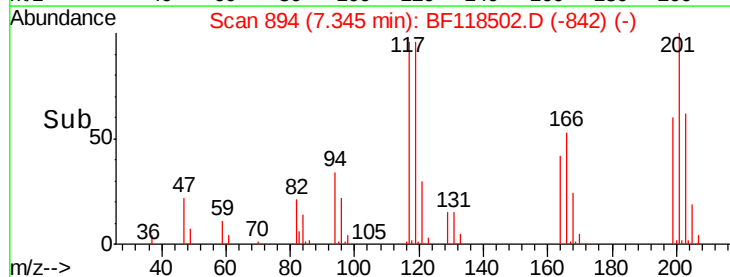
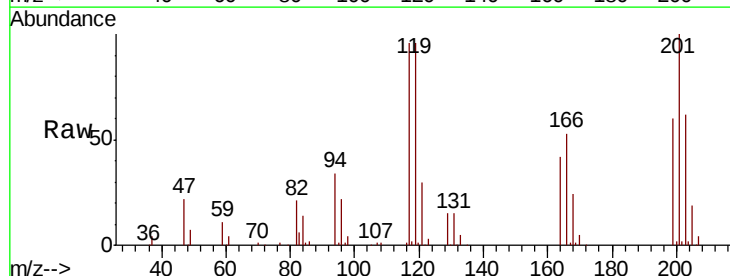
Instrument :
BNA_F
ClientSampleId :

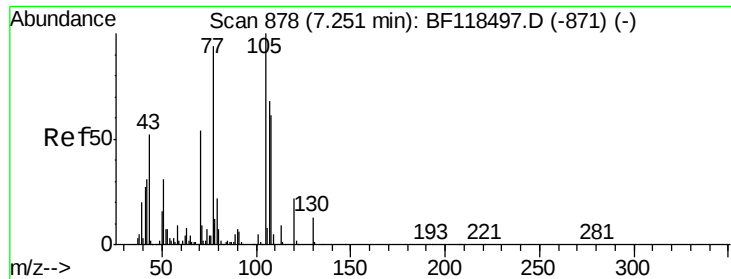
Tot Ion:107 Resp: 173739
Ion Ratio Lower Upper
107 100
108 111.9 88.9 133.3
77 54.9 41.2 61.8
79 51.2 41.6 62.4



#18
Hexachloroethane
Concen: 38.446 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Tgt Ion:117 Resp: 98210
Ion Ratio Lower Upper
117 100
119 100.1 76.2 114.4
201 104.0 67.7 101.5#

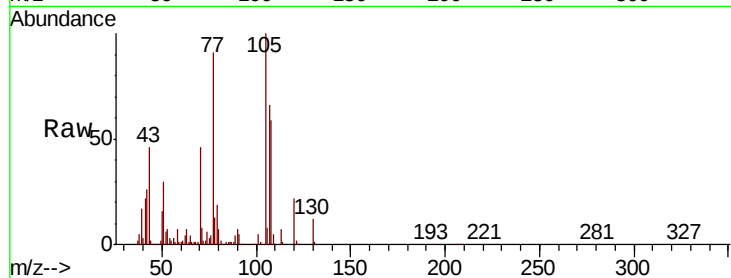




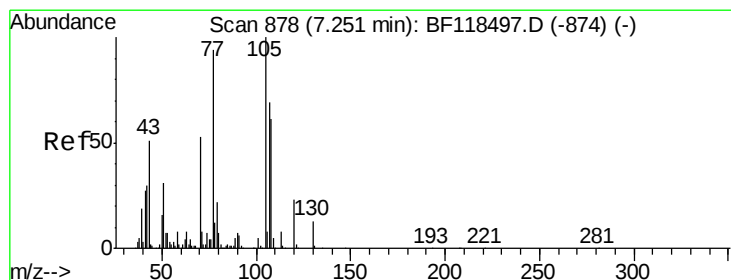
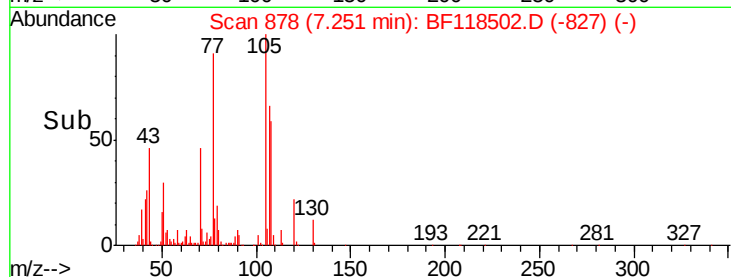
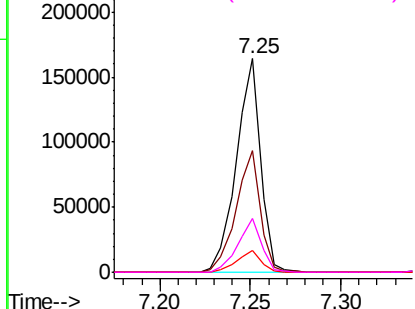
#19
n-Nitroso-di-n-propylamine
Concen: 38.409 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	152897
Ion	Ratio	Lower	Upper
70	100		
42	57.0	45.6	68.4
101	10.4	8.2	12.2
130	25.0	19.2	28.8

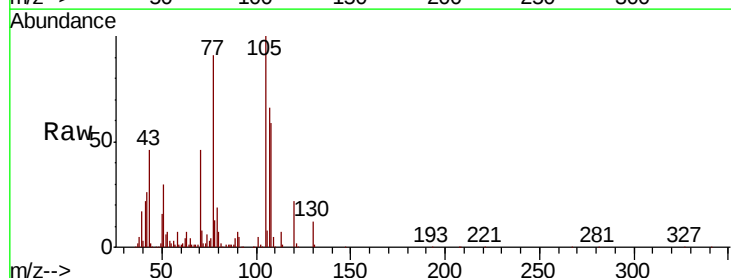


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

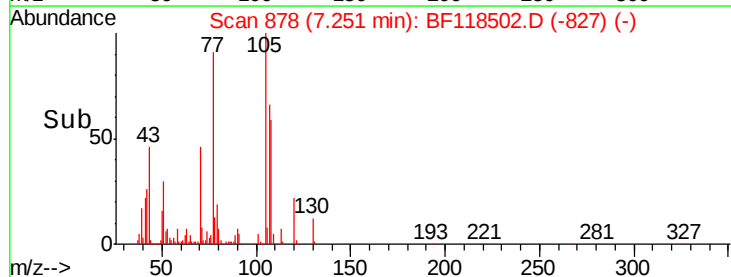
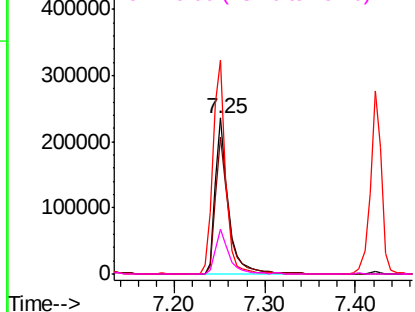


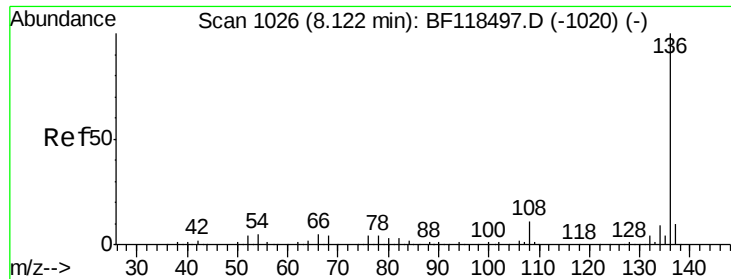
#20
3+4-Methylphenols
Concen: 38.008 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Tgt Ion:	107	Resp:	239487
Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.9	108.9
77	136.8	116.8	156.8
79	28.5	11.7	51.7



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

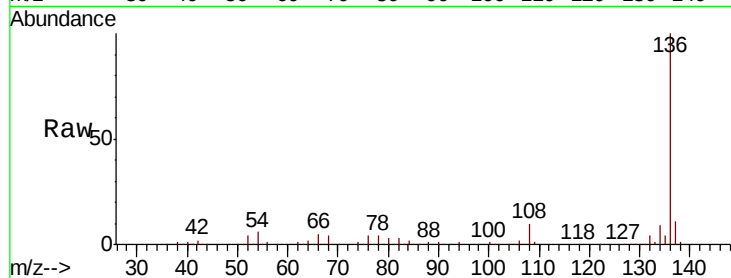




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	351729
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.3 12.5
54	5.7	4.2 6.2
68	4.2	3.3 4.9



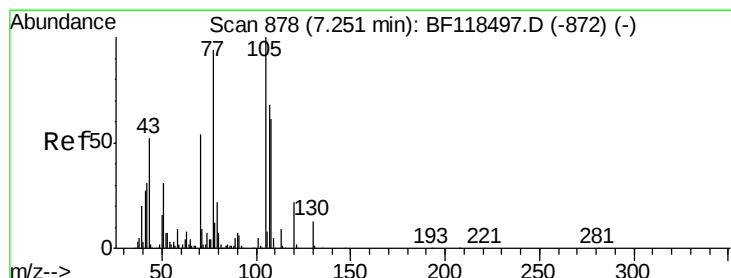
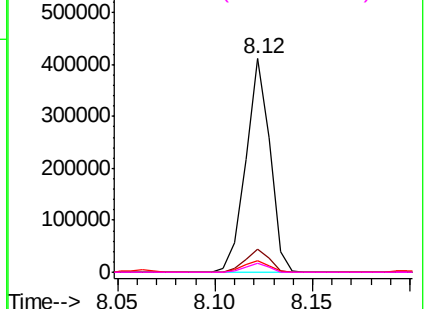
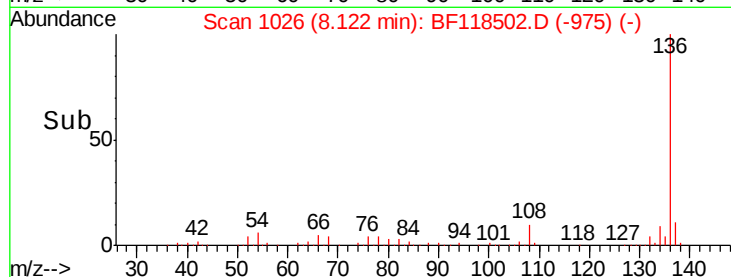
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

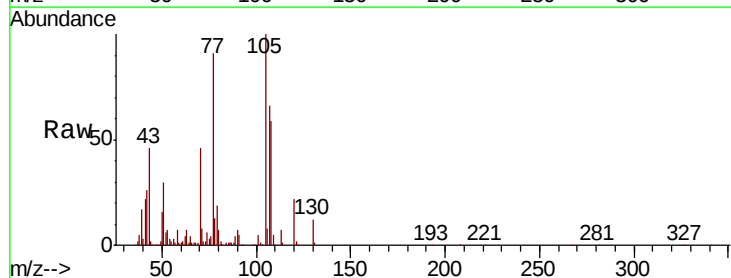
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.517 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Tgt Ion:105	Resp:	334492
Ion Ratio	Lower	Upper
105	100	
71	7.6	6.9 10.3
51	29.9	25.0 37.4
120	21.8	18.0 27.0



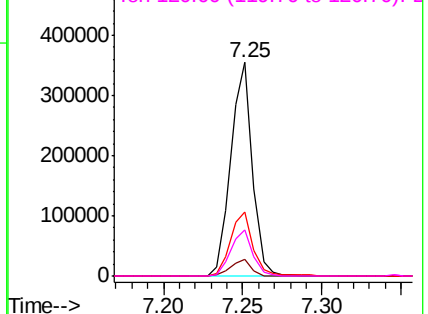
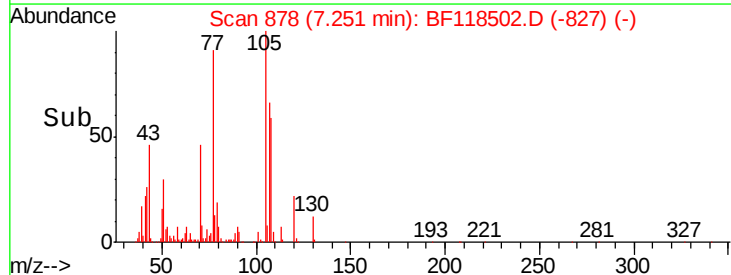
Abundance

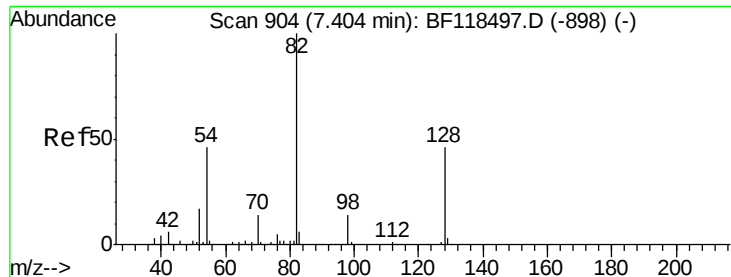
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

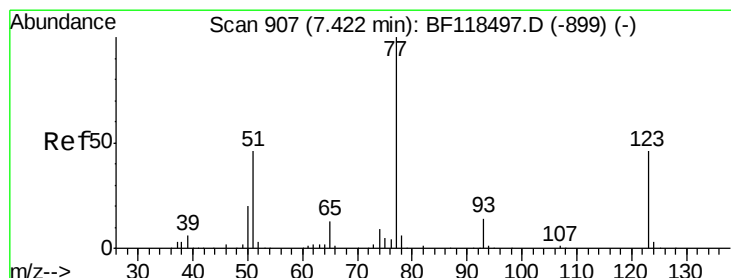
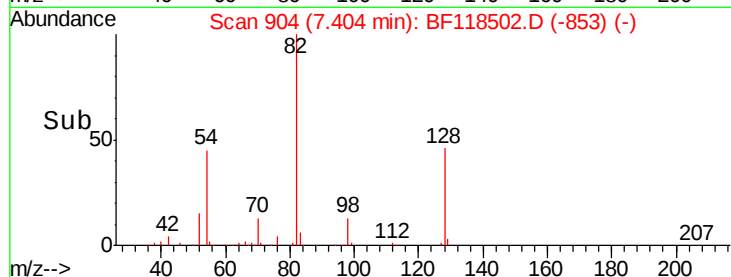
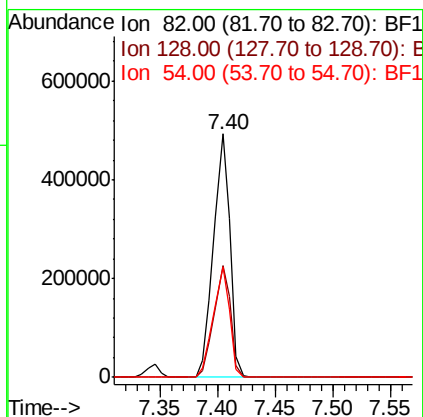
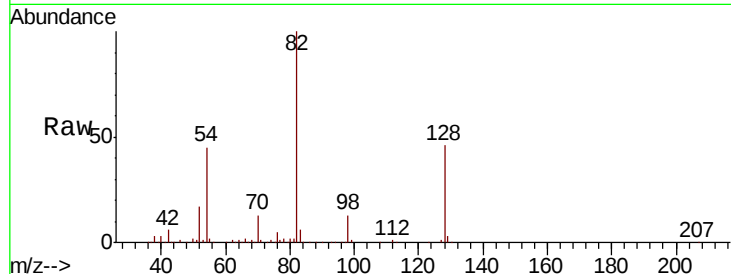




#23
Nitrobenzene-d5
Concen: 73.193 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

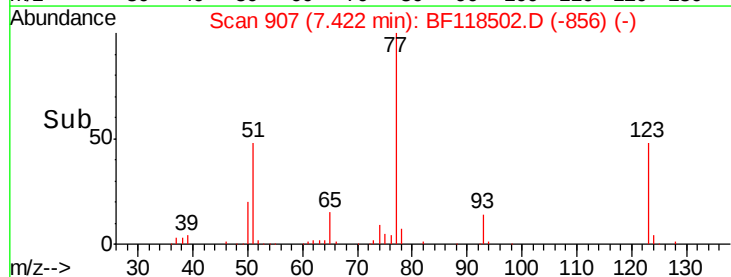
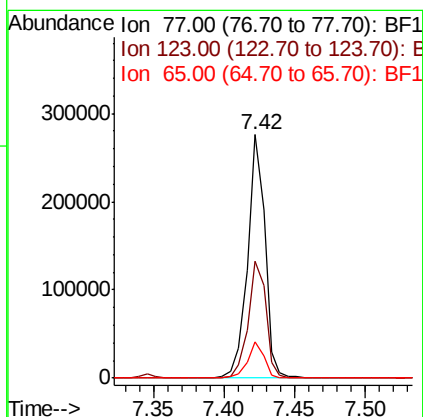
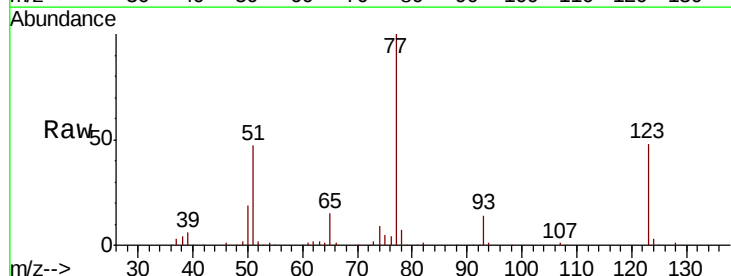
Instrument :
BNA_F
ClientSampleId :

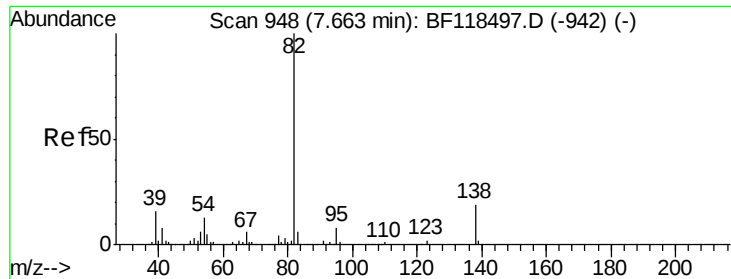
Tot Ion	82	Resp	490070
Ion Ratio	Lower	Upper	
82	100		
128	45.8	36.6	54.8
54	45.3	37.0	55.6



#24
Nitrobenzene
Concen: 35.878 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Tgt Ion	77	Resp	238869
Ion Ratio	Lower	Upper	
77	100		
123	48.1	37.0	55.4
65	14.8	10.7	16.1





#25

Isophorone

Concen: 38.108 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

Instrument :

BNA_F

ClientSampled :

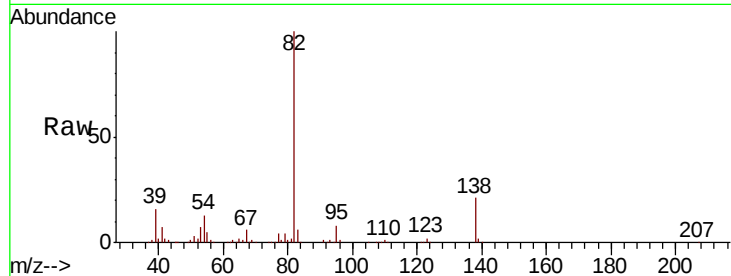
Tot Ion: 82 Resp: 408766

Ion Ratio Lower Upper

82 100

95 8.4 6.6 9.8

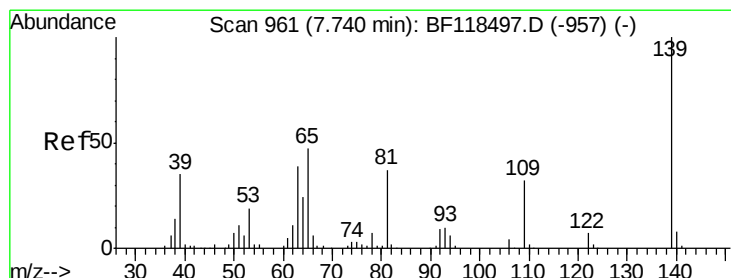
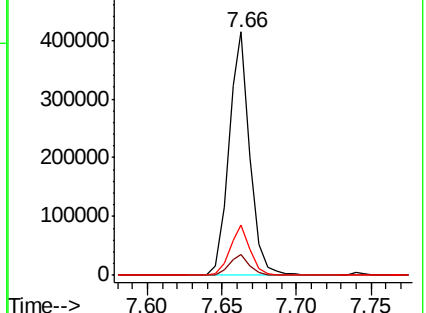
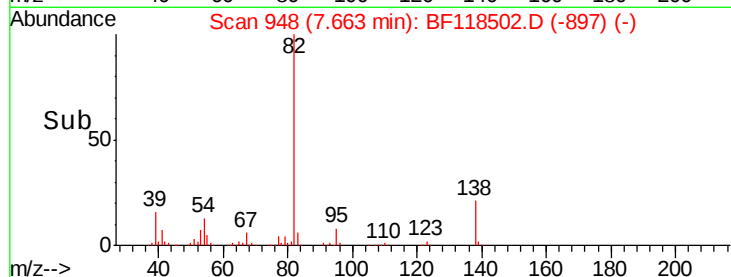
138 20.8 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.500 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

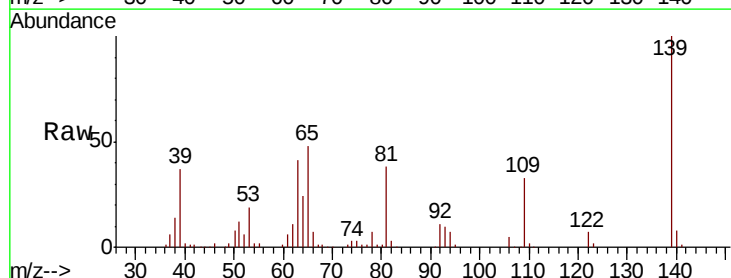
Tgt Ion: 139 Resp: 126558

Ion Ratio Lower Upper

139 100

109 33.1 25.7 38.5

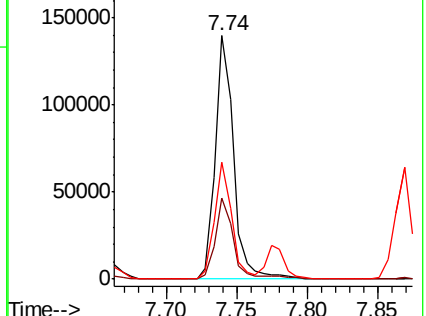
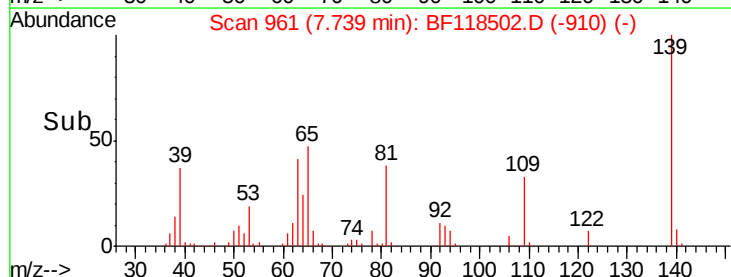
65 47.8 37.8 56.6

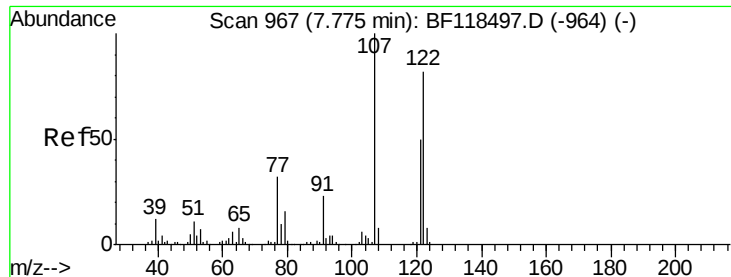


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.105 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

Instrument :

BNA_F

ClientSampleId :

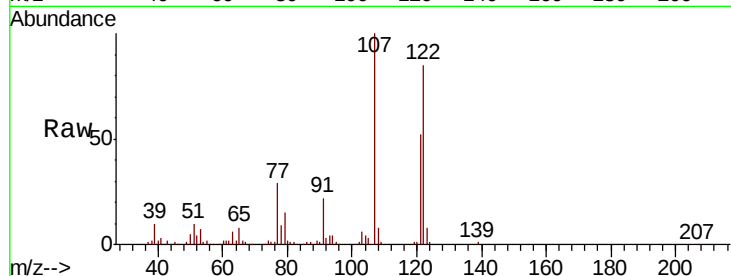
Tot Ion:122 Resp: 168447

Ion Ratio Lower Upper

122 100

107 117.1 97.9 146.9

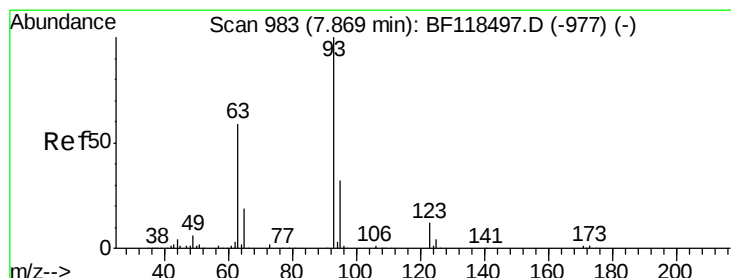
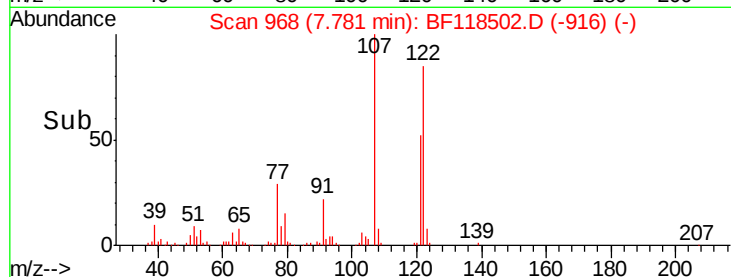
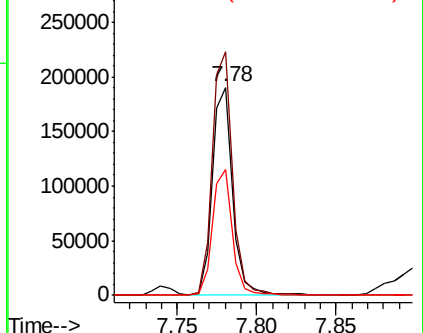
121 60.8 49.0 73.4



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: 37.745 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

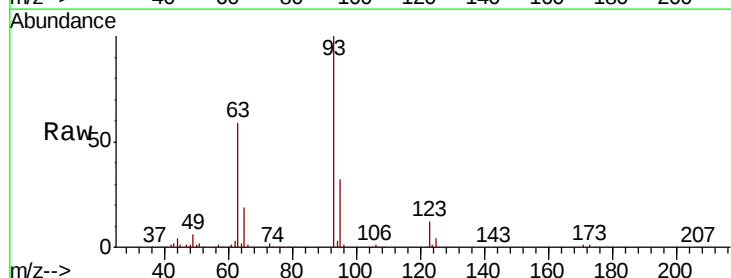
Tgt Ion: 93 Resp: 266180

Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

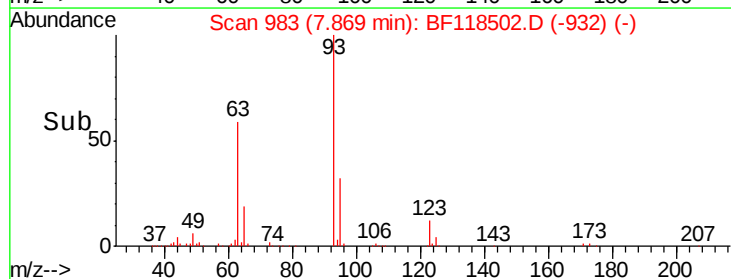
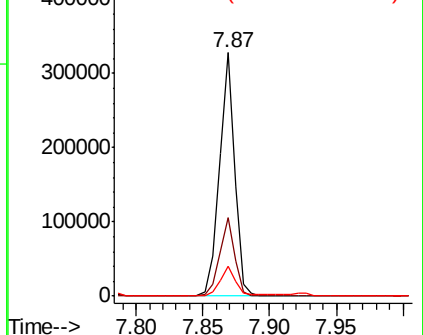
123 12.0 9.7 14.5

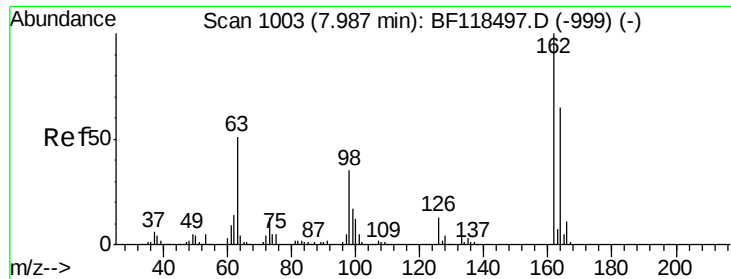


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

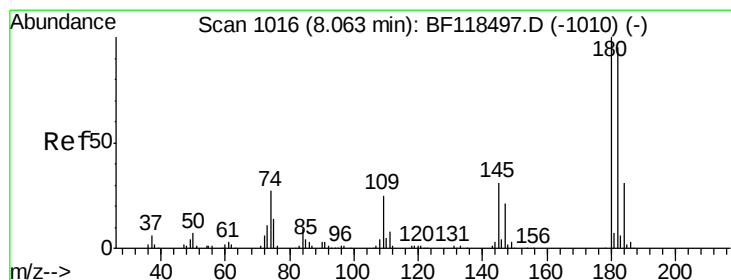
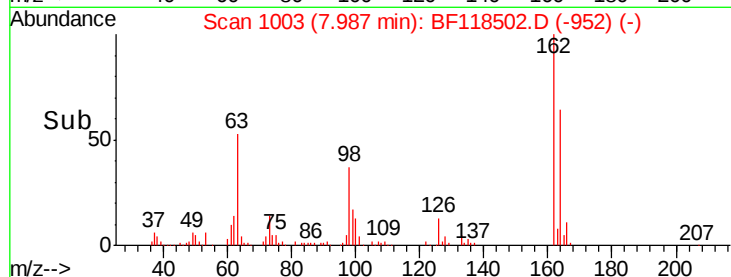
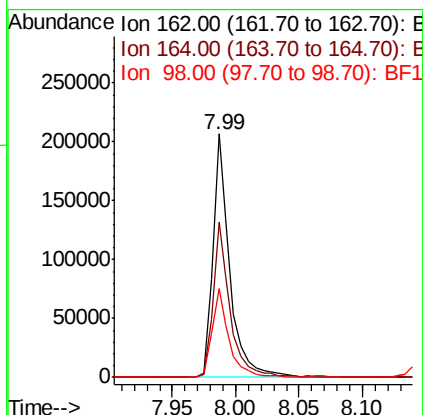
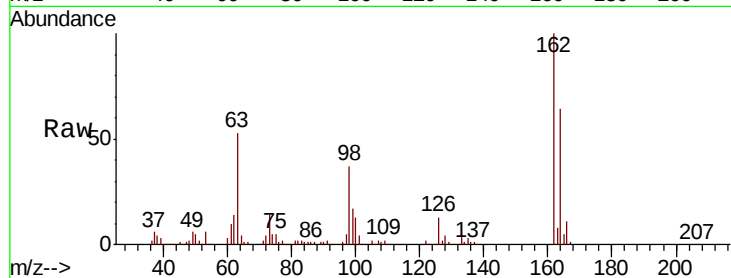




#29
 2,4-Dichlorophenol
 Concen: 37.556 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

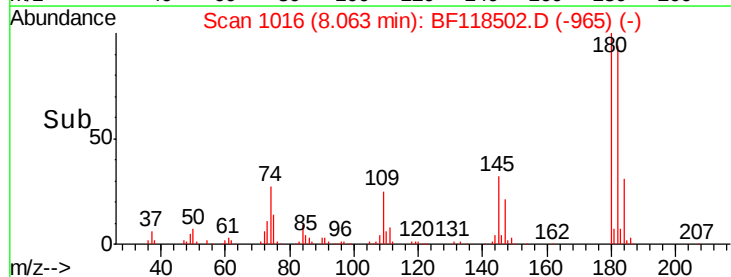
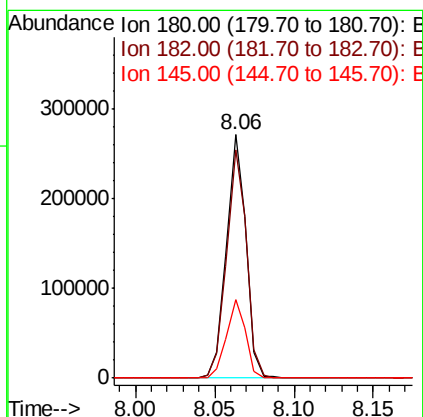
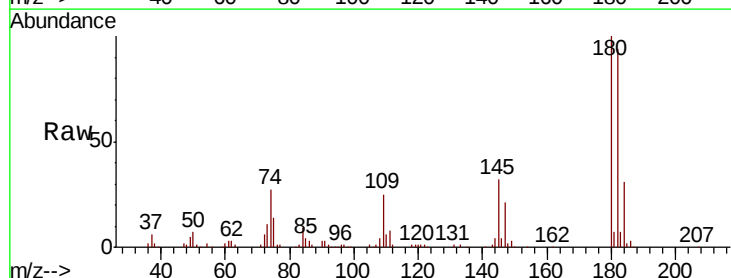
Instrument :
 BNA_F
 ClientSampleId :

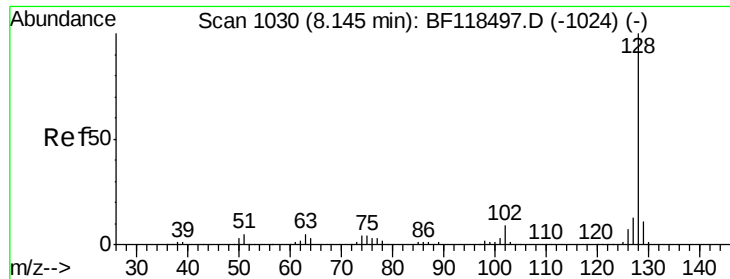
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.8	84.8
98	36.6	15.1	55.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.515 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.8	113.6
145	32.2	25.0	37.6

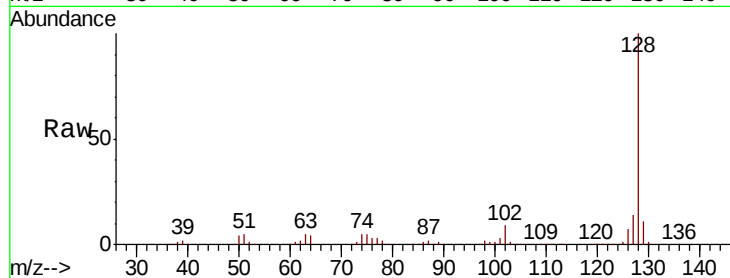




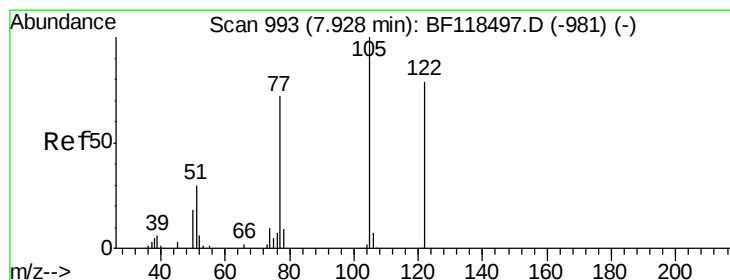
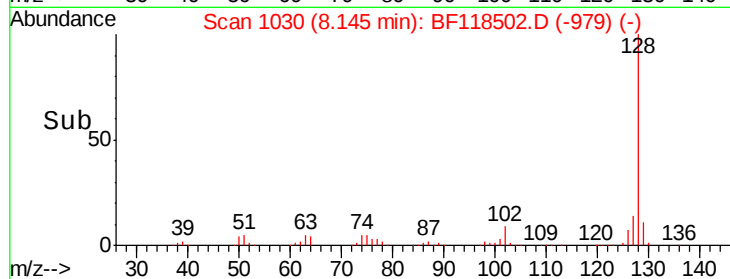
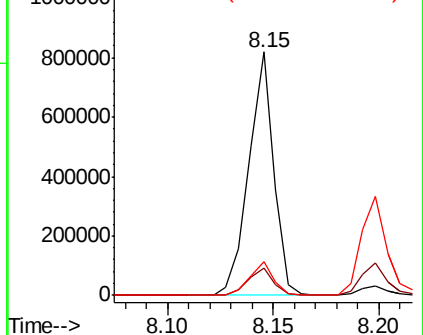
#31
Naphthalene
Concen: 36.696 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 675147
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.8 10.7 16.1

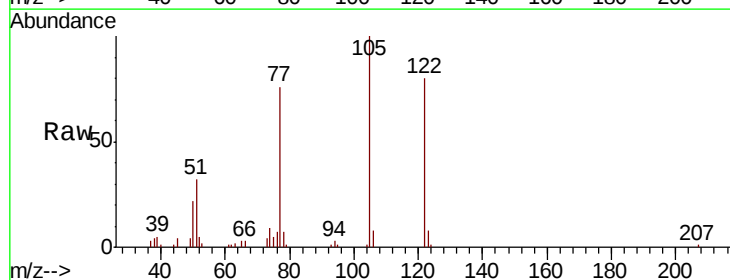


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

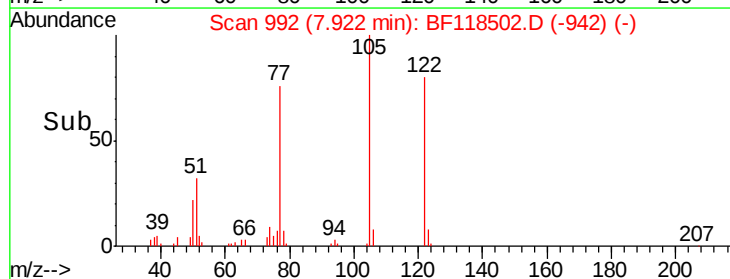
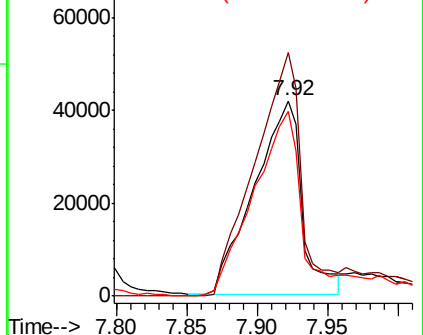


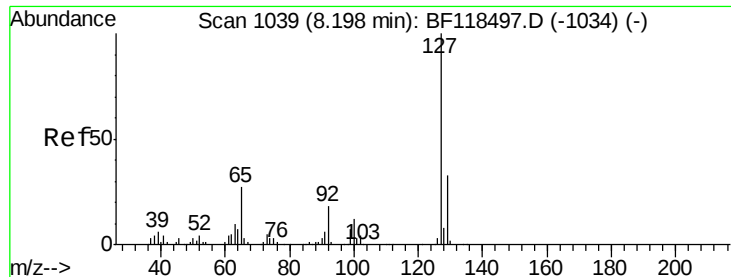
#32
Benzoic acid
Concen: 34.561 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Tgt Ion:122 Resp: 98830
Ion Ratio Lower Upper
122 100
105 124.5 105.7 145.7
77 94.7 71.0 111.0



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

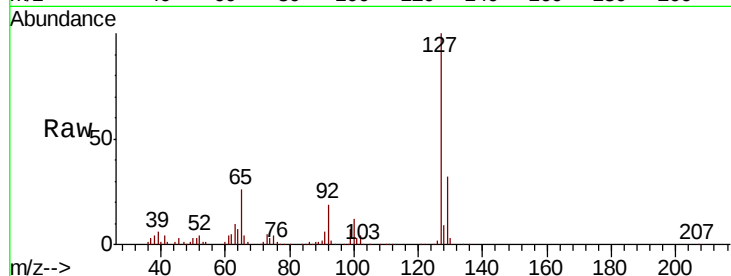




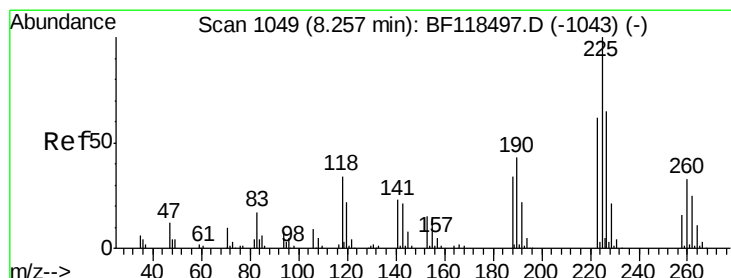
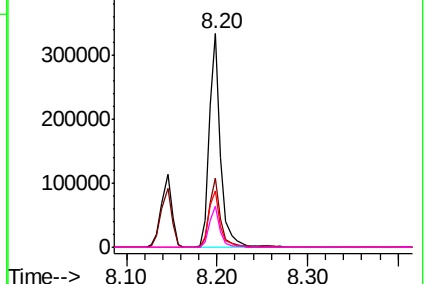
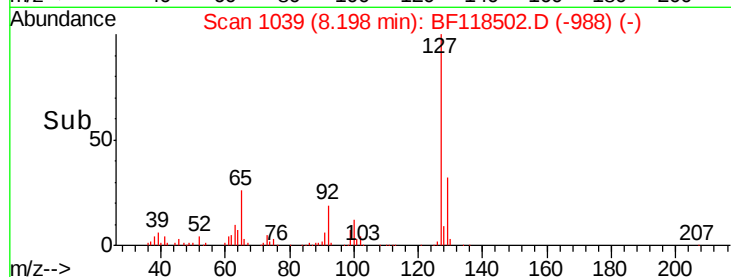
#33
4-Chloroaniline
Concen: 38.699 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	293117
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.4
65	26.2	21.6	32.4
92	18.9	14.3	21.5

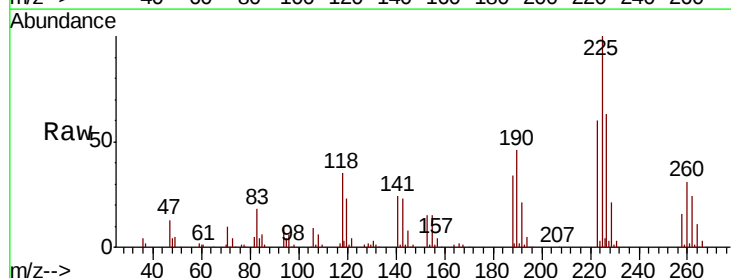


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

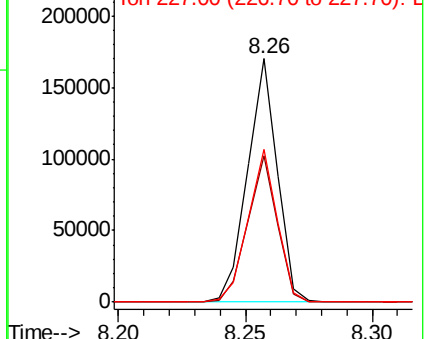
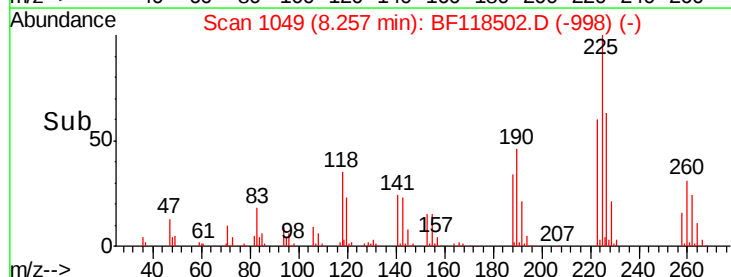


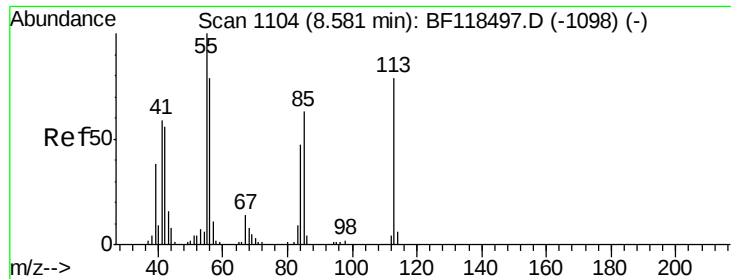
#34
Hexachlorobutadiene
Concen: 37.577 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Tgt Ion:	225	Resp:	138277
Ion	Ratio	Lower	Upper
225	100		
223	60.3	49.9	74.9
227	62.9	51.8	77.6



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: 36.215 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

Instrument :

BNA_F

ClientSampleId :

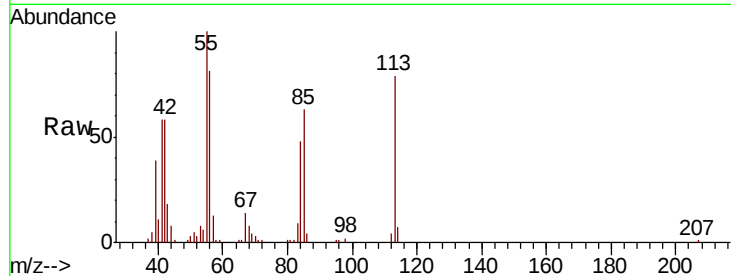
Tot Ion:113 Resp: 56307

Ion Ratio Lower Upper

113 100

55 126.0 106.5 146.5

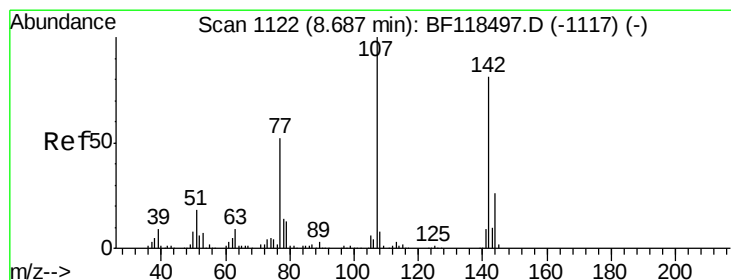
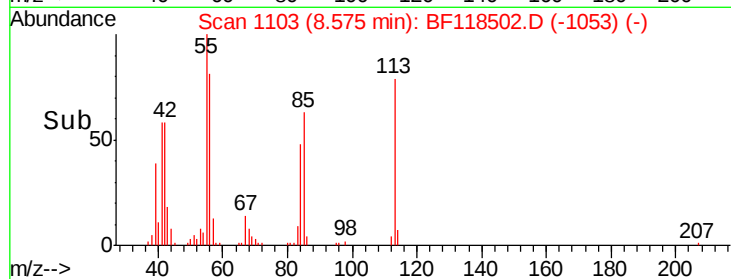
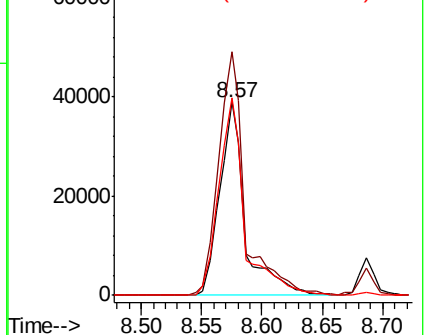
56 102.5 80.1 120.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 35.915 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

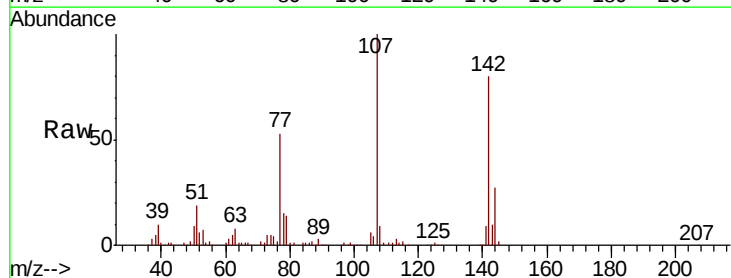
Tgt Ion:107 Resp: 199294

Ion Ratio Lower Upper

107 100

144 26.6 20.6 31.0

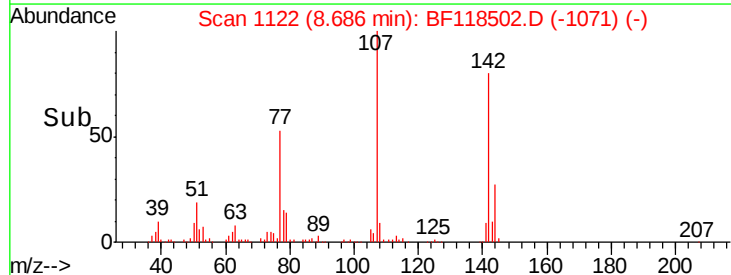
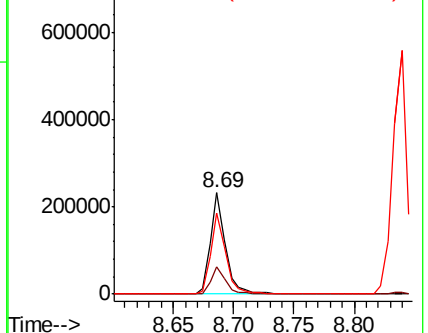
142 80.5 65.0 97.4

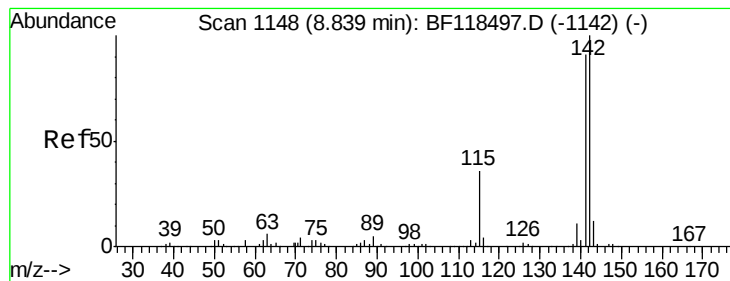


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.322 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

Instrument :

BNA_F

ClientSampleId :

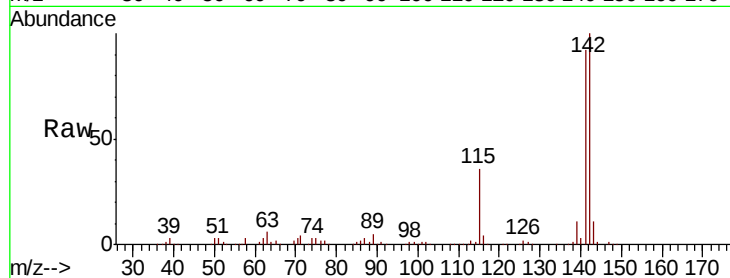
Tot Ion:142 Resp: 458644

Ion Ratio Lower Upper

142 100

141 91.7 73.0 109.6

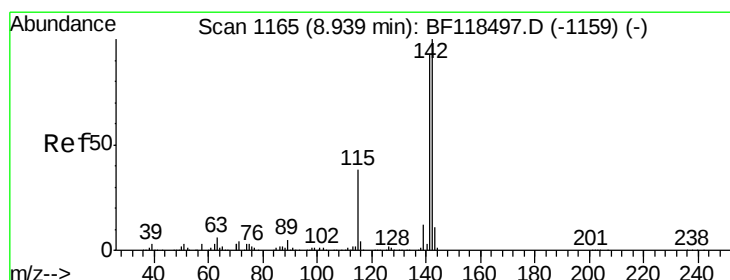
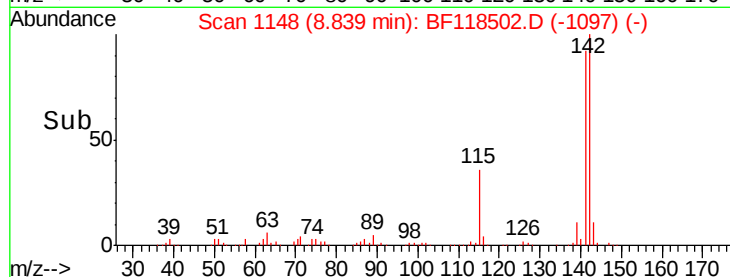
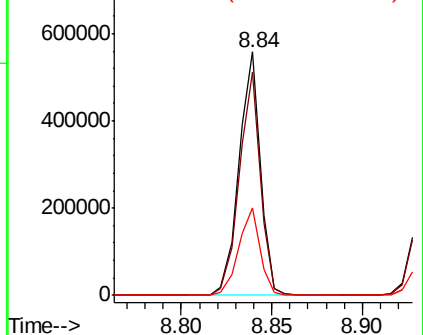
115 35.7 28.4 42.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 35.676 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

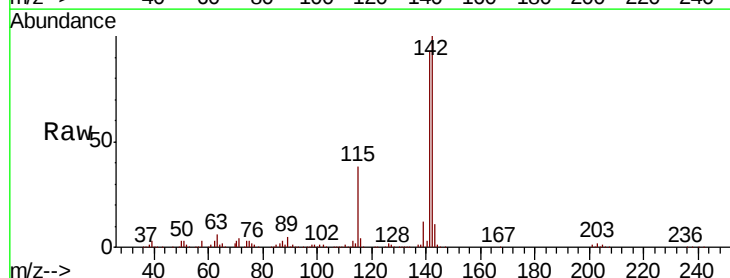
Tgt Ion:142 Resp: 422961

Ion Ratio Lower Upper

142 100

141 92.7 74.3 111.5

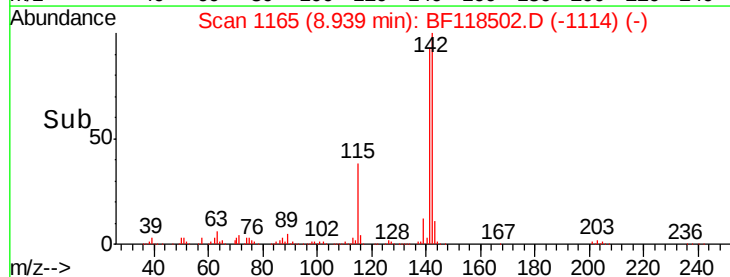
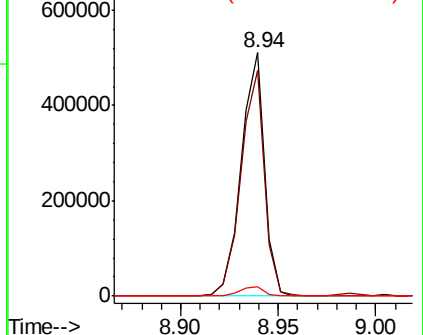
116 3.9 3.2 4.8

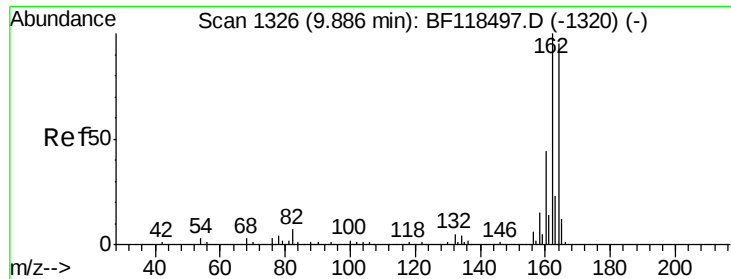


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

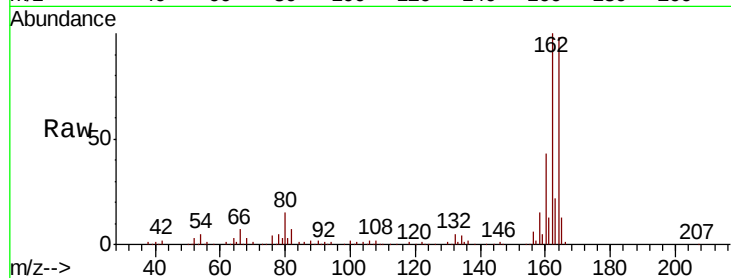




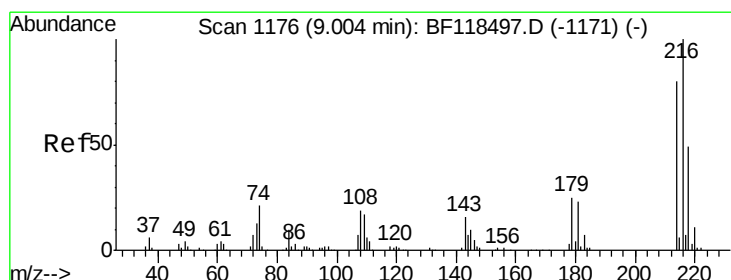
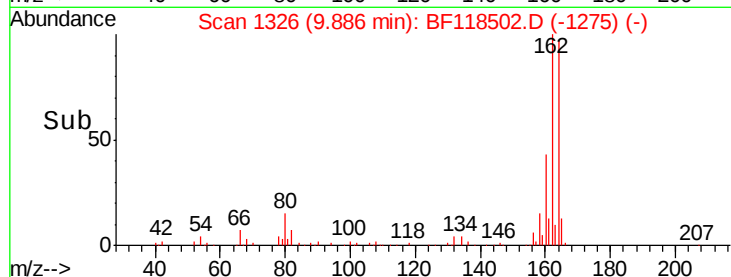
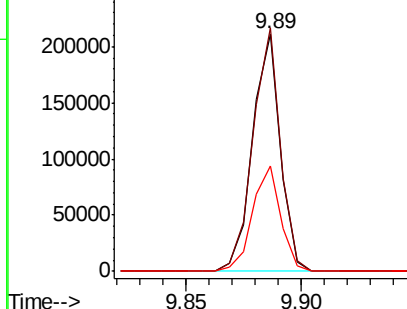
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:164 Resp: 177832
 Ion Ratio Lower Upper
 164 100
 162 102.4 84.2 126.4
 160 44.3 36.8 55.2

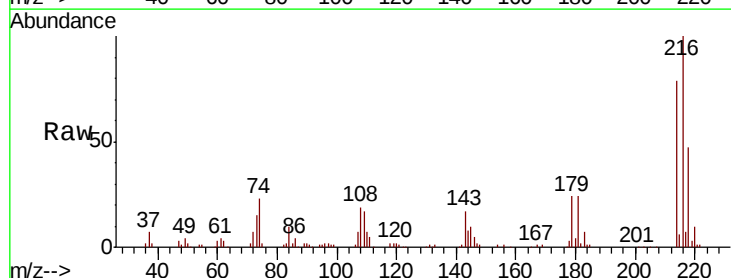


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

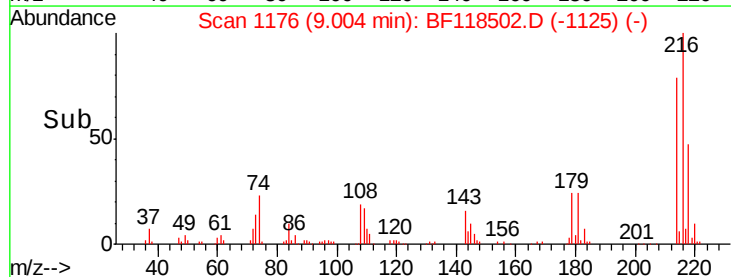
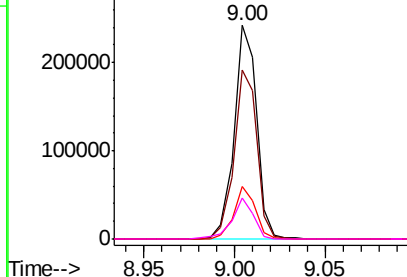


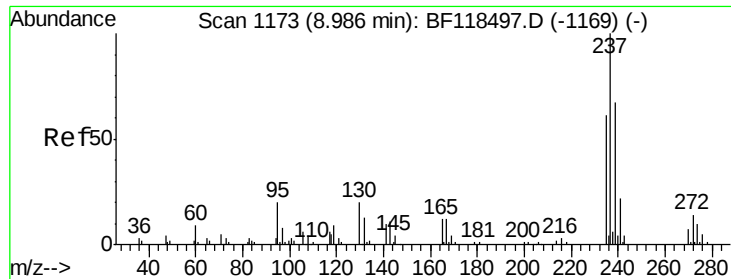
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.302 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

Tgt Ion:216 Resp: 209278
 Ion Ratio Lower Upper
 216 100
 214 79.9 62.4 93.6
 179 23.1 18.7 28.1
 108 18.3 15.3 22.9



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: 33.452 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

Instrument :

BNA_F

ClientSampleId :

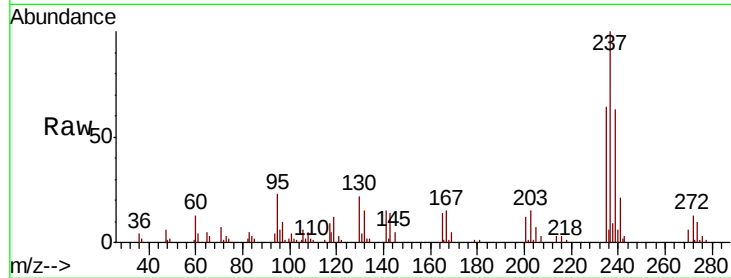
Tot Ion:237 Resp: 35471

Ion Ratio Lower Upper

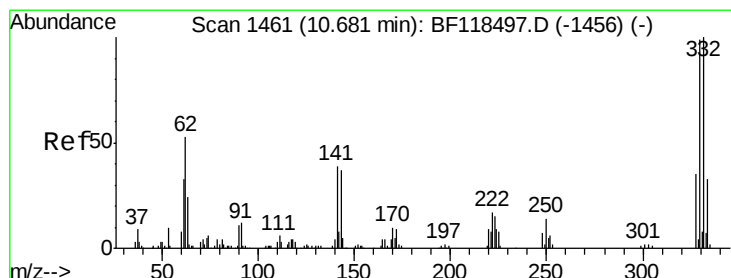
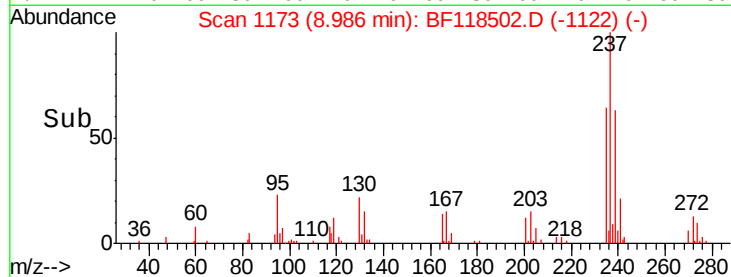
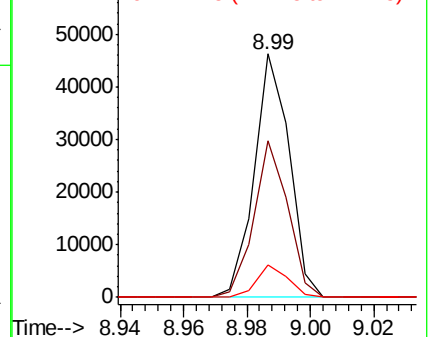
237 100

235 64.4 40.8 80.8

272 13.2 0.0 34.2



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: 80.272 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

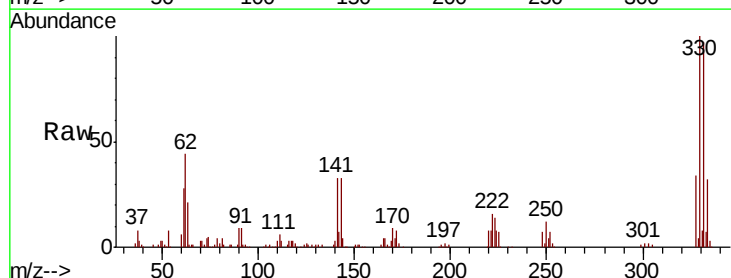
Tgt Ion:330 Resp: 168441

Ion Ratio Lower Upper

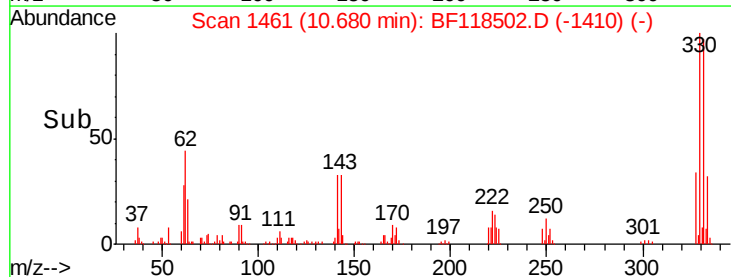
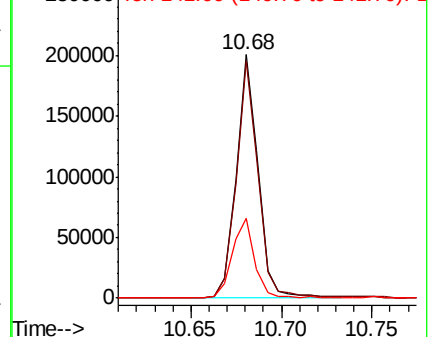
330 100

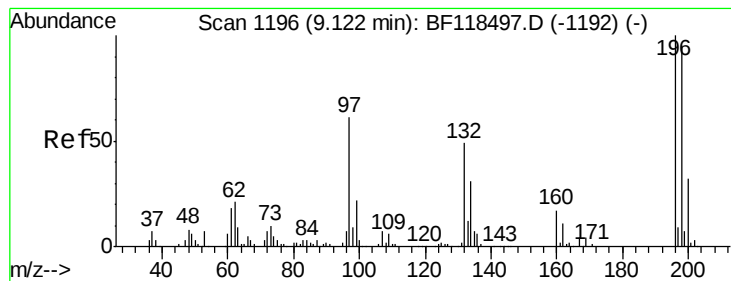
332 97.8 77.9 116.9

141 34.5 28.6 43.0



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

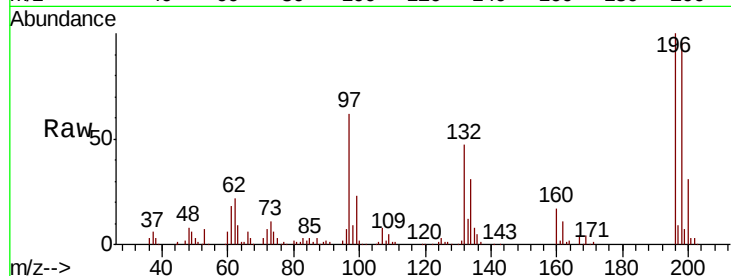




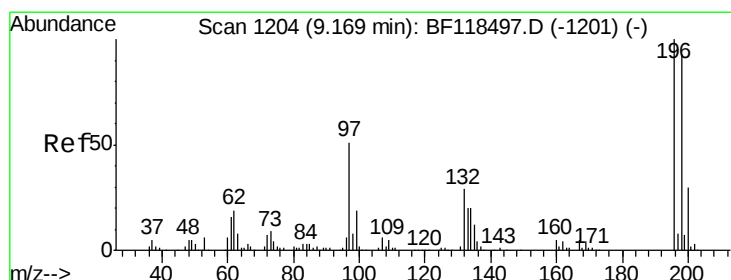
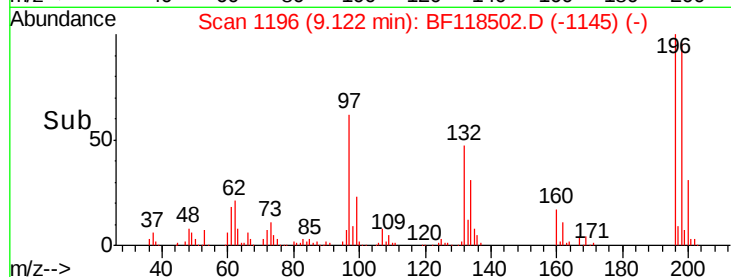
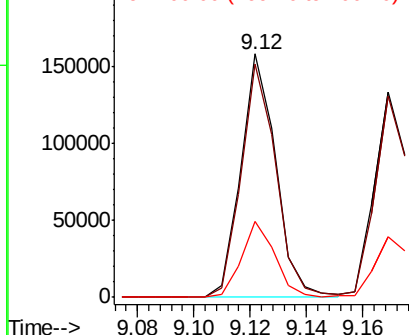
#43
 2,4,6-Trichlorophenol
 Concen: 40.182 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 135672
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.2 114.4
 200 31.0 25.2 37.8

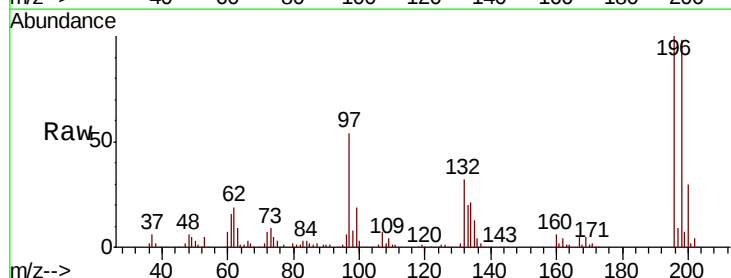


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

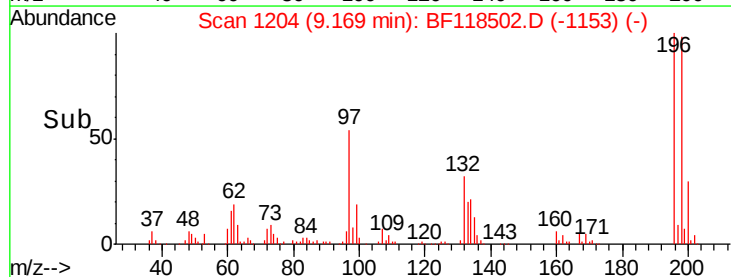
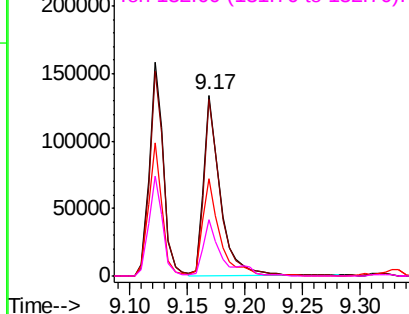


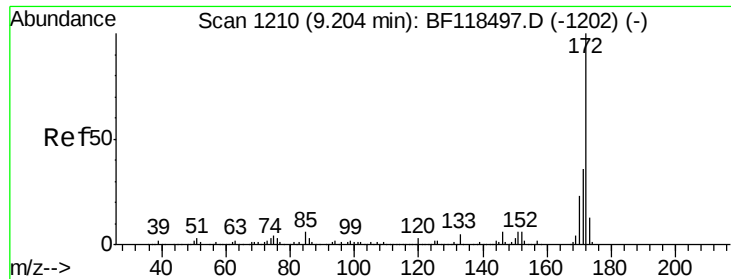
#44
 2,4,5-Trichlorophenol
 Concen: 39.472 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

Tgt Ion:196 Resp: 137915
 Ion Ratio Lower Upper
 196 100
 198 97.6 74.7 112.1
 97 54.1 40.7 61.1
 132 31.5 23.7 35.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

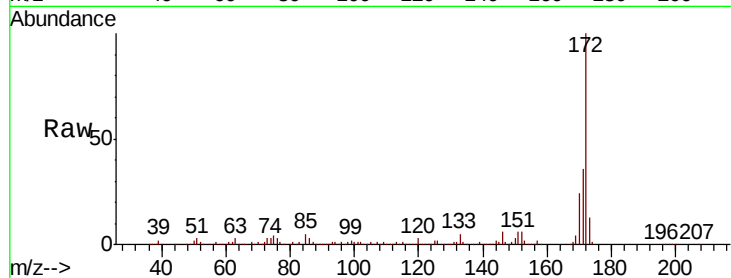




#45
2-Fluorobiphenyl
Concen: 79.928 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.5	18.6	27.8

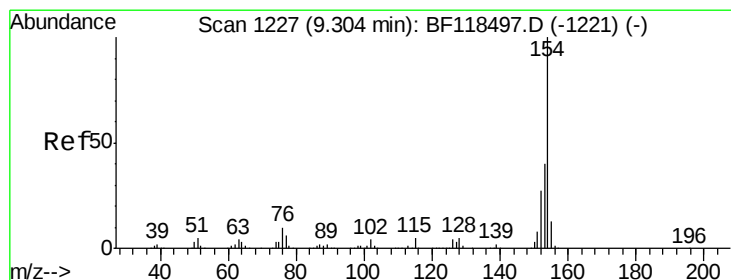
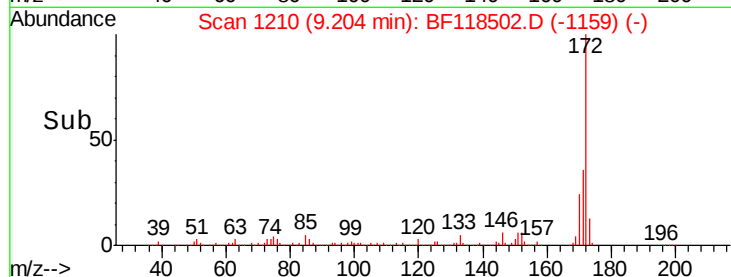
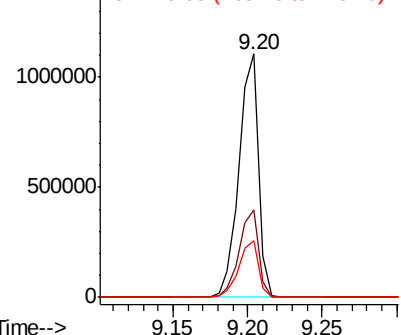


Abundance

Ion 172.00 (171.70 to 172.70): E

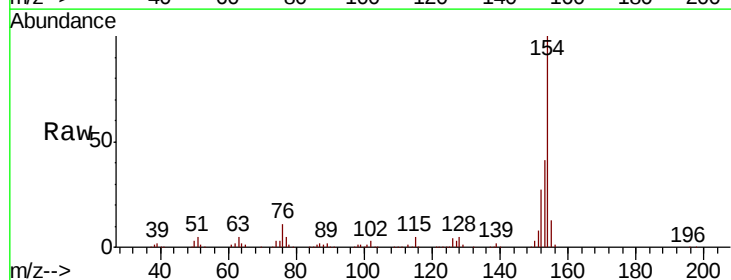
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.643 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.2	60.2
76	10.8	0.0	30.4

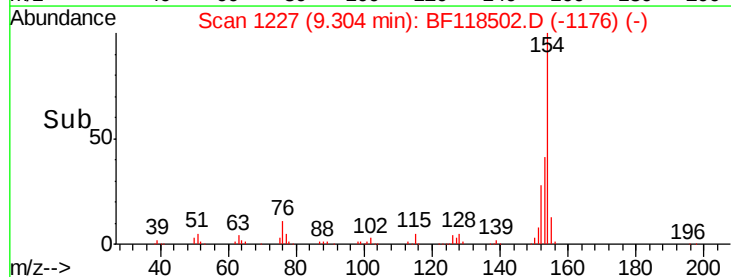
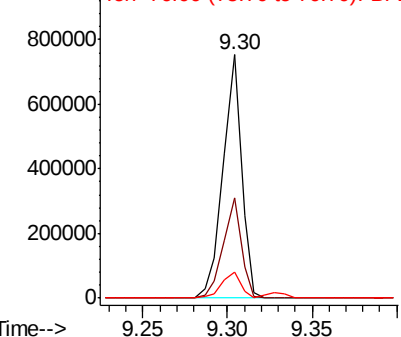


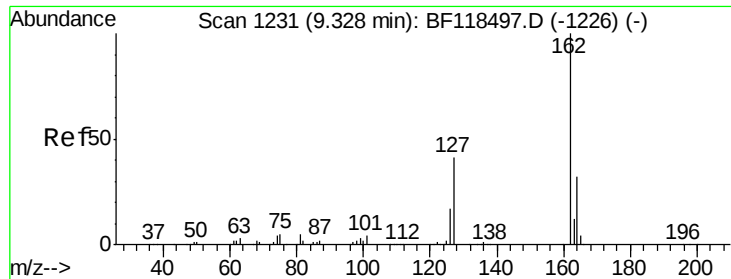
Abundance

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

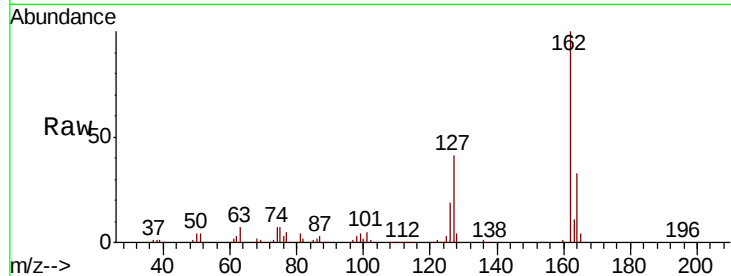




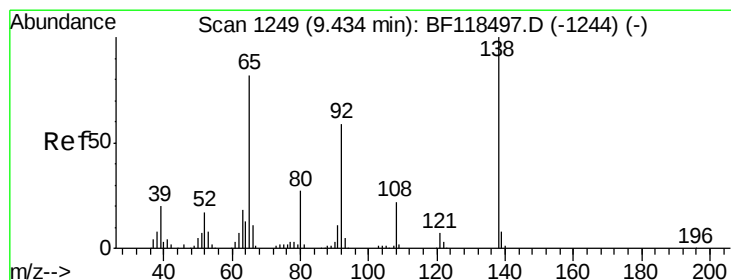
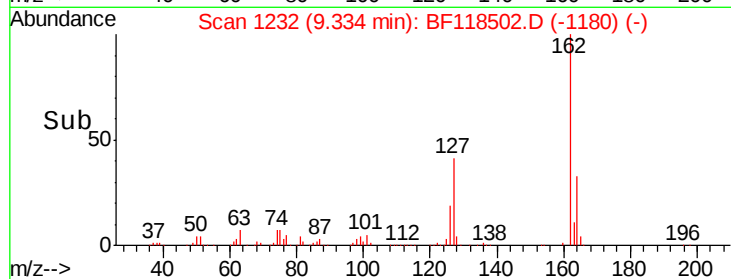
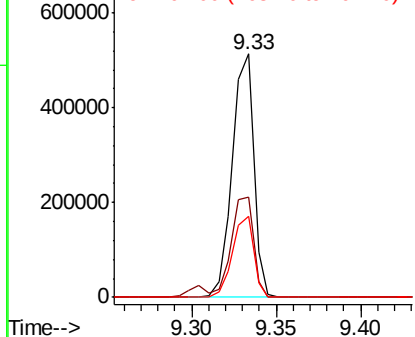
#47
 2-Chloronaphthalene
 Concen: 39.584 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 162 Resp: 455234
 Ion Ratio Lower Upper
 162 100
 127 41.0 35.5 53.3
 164 33.2 25.8 38.8

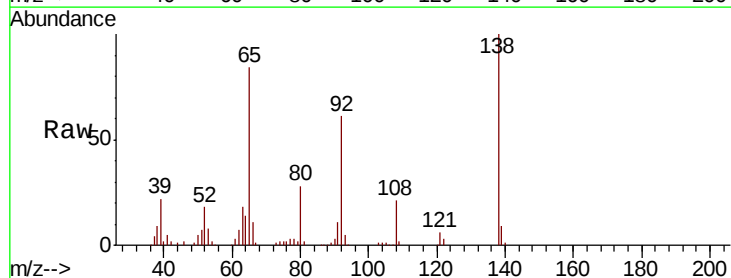


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

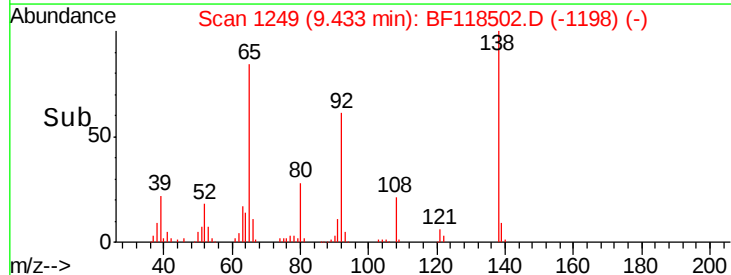
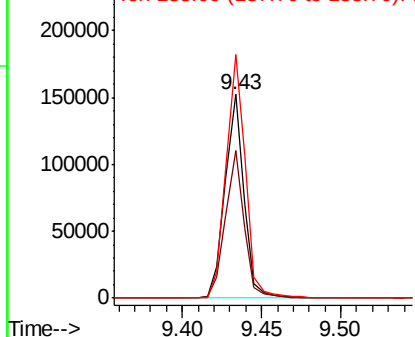


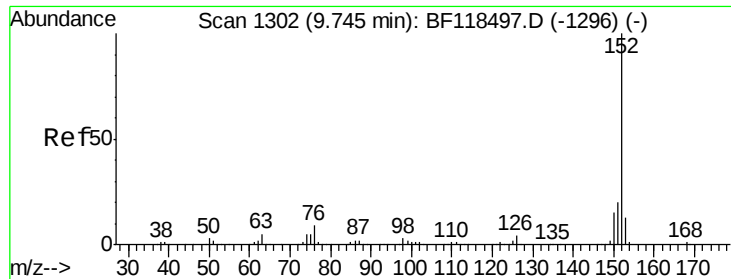
#48
 2-Nitroaniline
 Concen: 38.008 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

Tgt Ion: 65 Resp: 126312
 Ion Ratio Lower Upper
 65 100
 92 72.7 57.7 86.5
 138 119.6 97.2 145.8



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





#49

Acenaphthylene

Concen: 34.747 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

Instrument :

BNA_F

ClientSampleId :

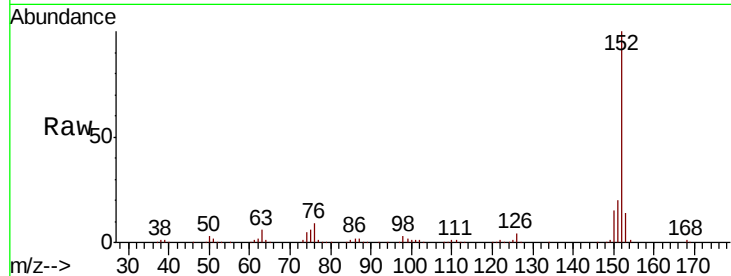
Tot Ion:152 Resp: 594822

Ion Ratio Lower Upper

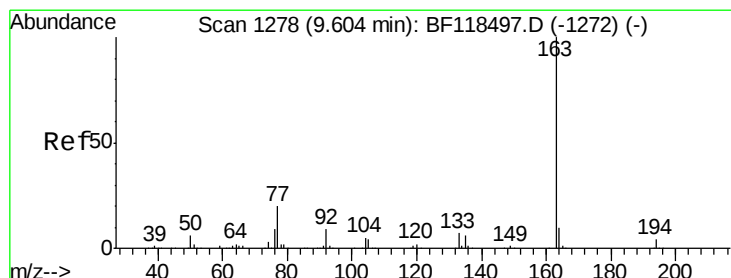
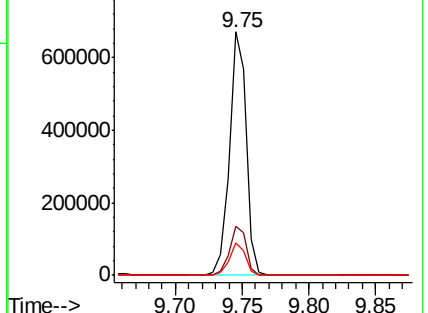
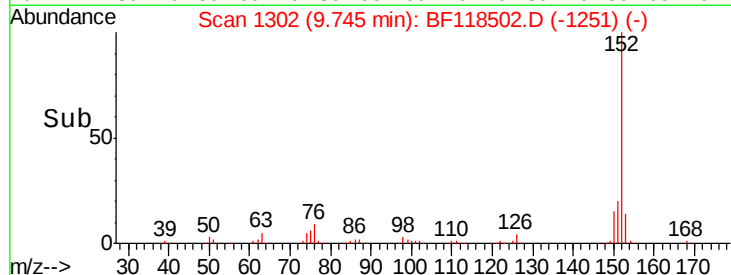
152 100

151 20.4 16.3 24.5

153 13.6 10.6 16.0



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: 37.600 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

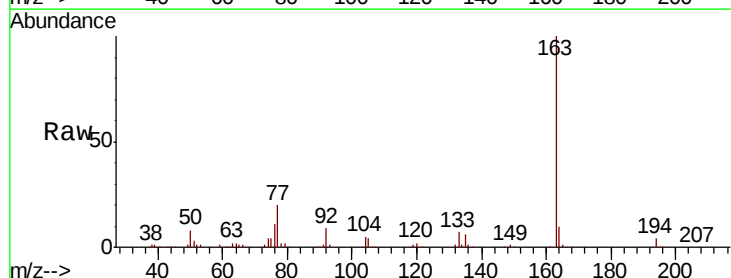
Tgt Ion:163 Resp: 513196

Ion Ratio Lower Upper

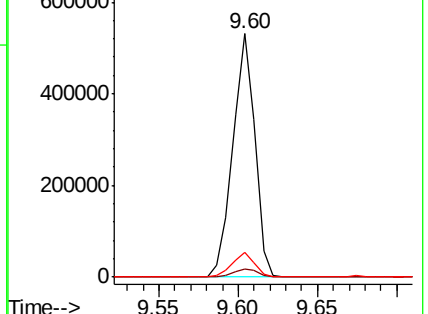
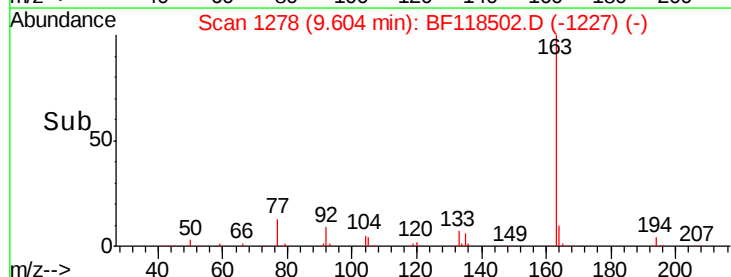
163 100

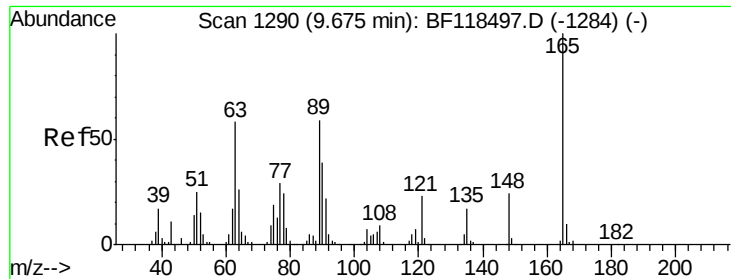
194 3.6 3.0 4.6

164 10.3 8.1 12.1



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: 36.048 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

Instrument :

BNA_F

ClientSampleId :

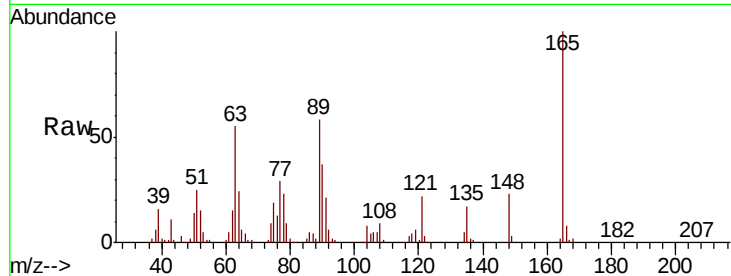
Tot Ion:165 Resp: 105956

Ion Ratio Lower Upper

165 100

63 55.0 46.6 70.0

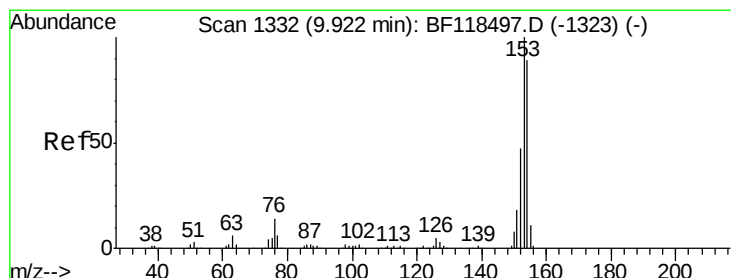
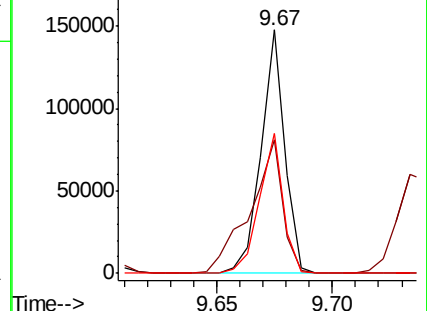
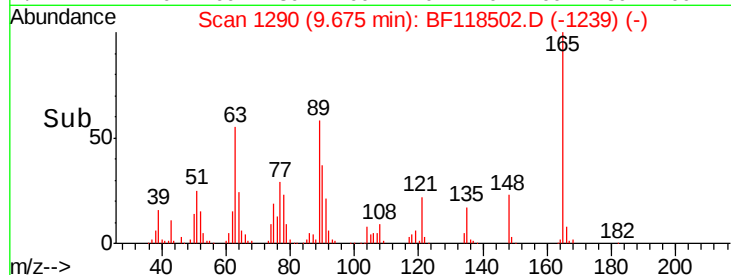
89 57.5 47.5 71.3



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: 37.246 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

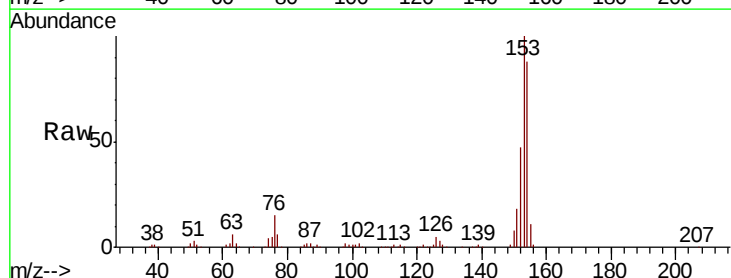
Tgt Ion:154 Resp: 389364

Ion Ratio Lower Upper

154 100

153 113.7 89.7 134.5

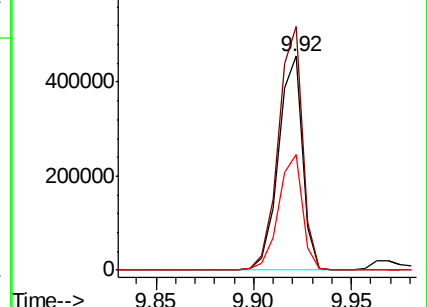
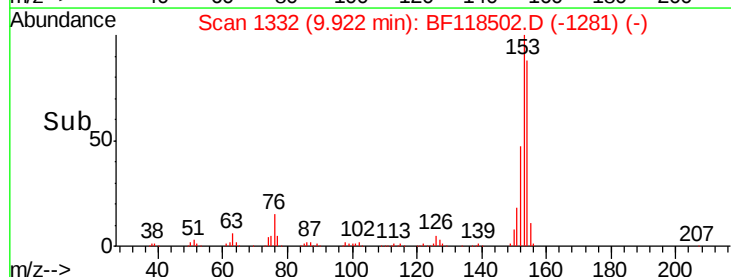
152 53.9 41.9 62.9

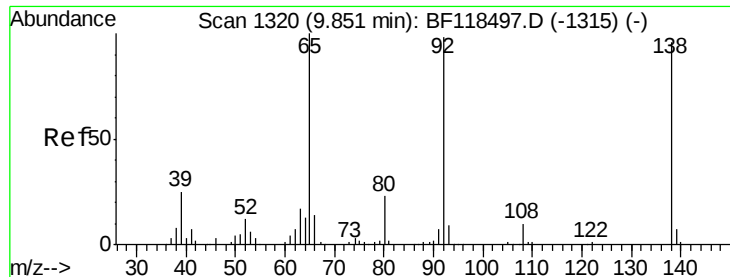


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

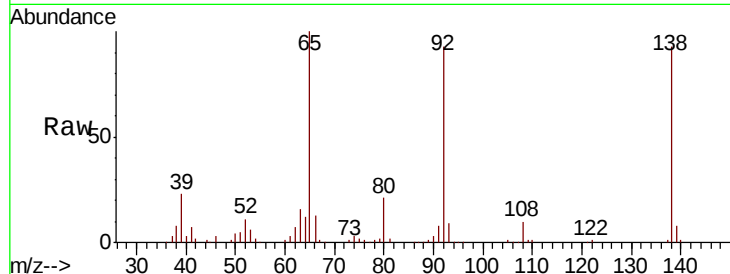




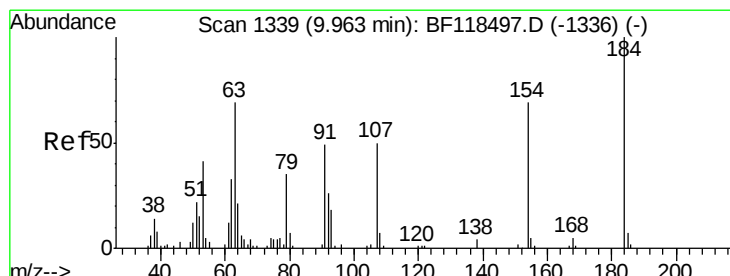
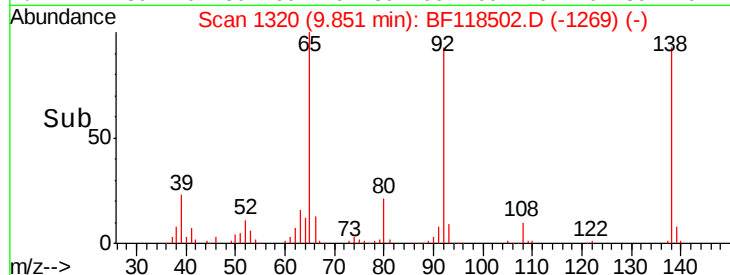
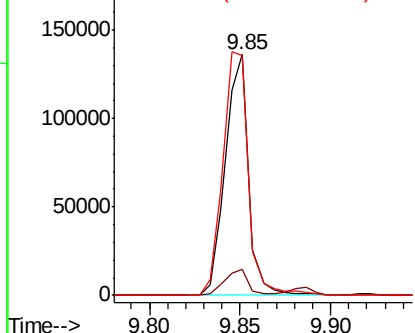
#53
3-Nitroaniline
Concen: 35.604 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 122584
Ion Ratio Lower Upper
138 100
108 10.7 8.1 12.1
92 99.5 81.6 122.4

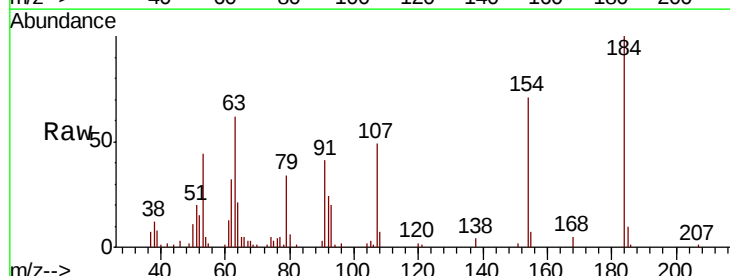


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

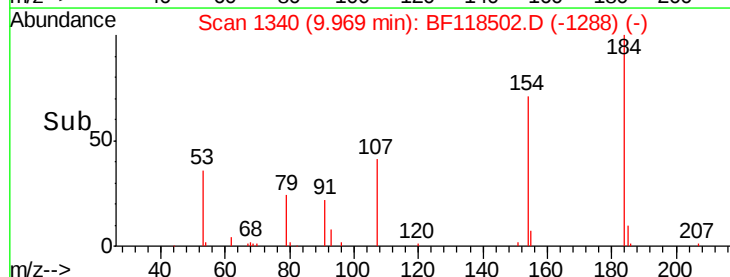
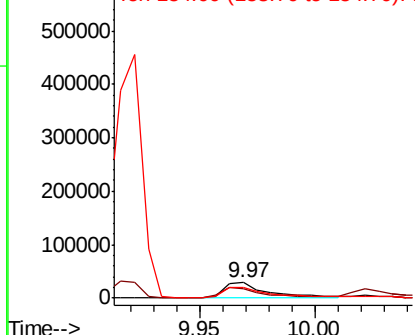


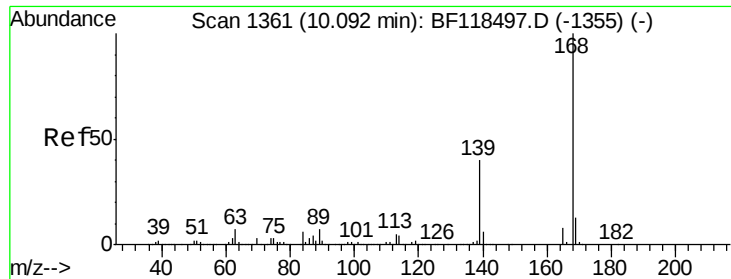
#54
2,4-Dinitrophenol
Concen: 33.080 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Tgt Ion:184 Resp: 38514
Ion Ratio Lower Upper
184 100
63 62.5 55.3 82.9
154 70.8 55.0 82.4



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

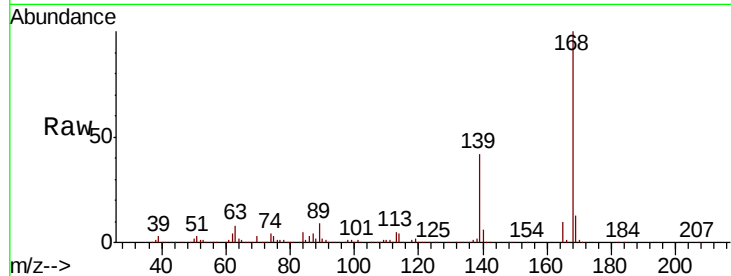




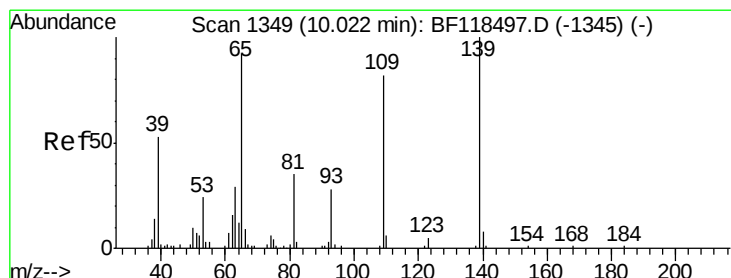
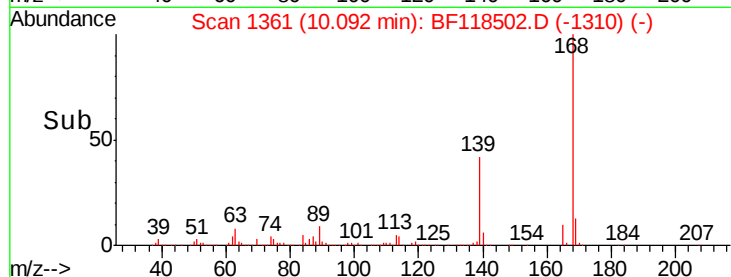
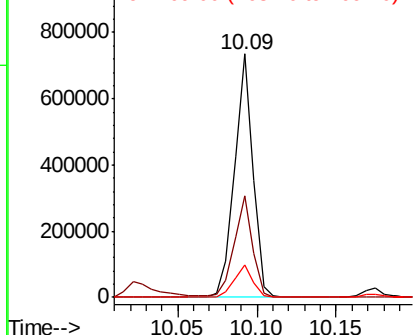
#55
Dibenzenofuran
Concen: 37.826 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 593916
Ion Ratio Lower Upper
168 100
139 41.6 32.5 48.7
169 13.4 10.6 16.0

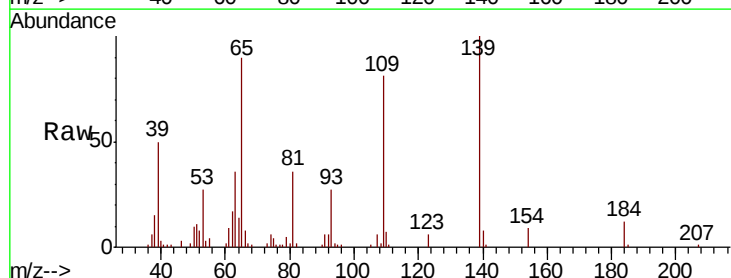


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

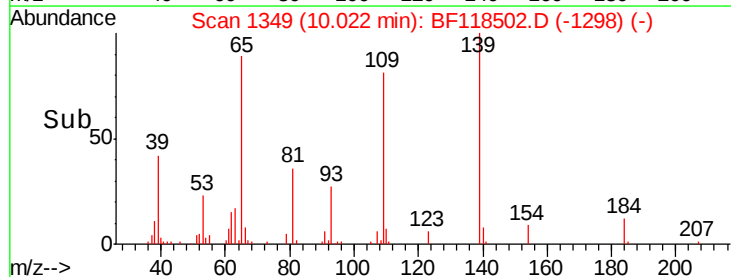
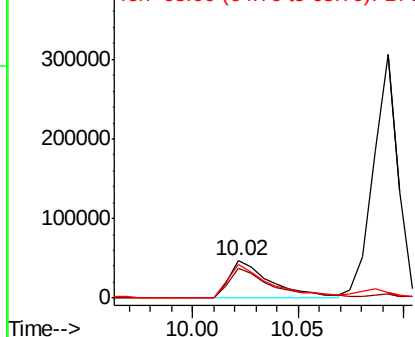


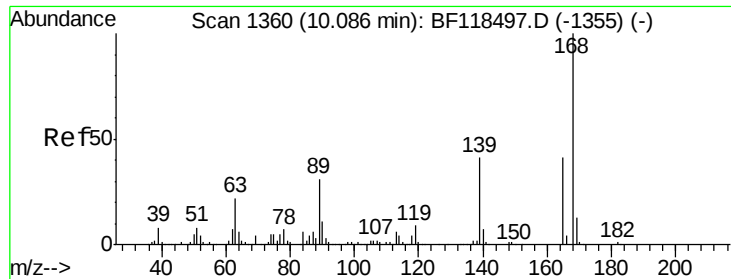
#56
4-Nitrophenol
Concen: 38.856 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Tgt Ion:139 Resp: 64956
Ion Ratio Lower Upper
139 100
109 81.2 62.2 102.2
65 90.0 72.8 112.8



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

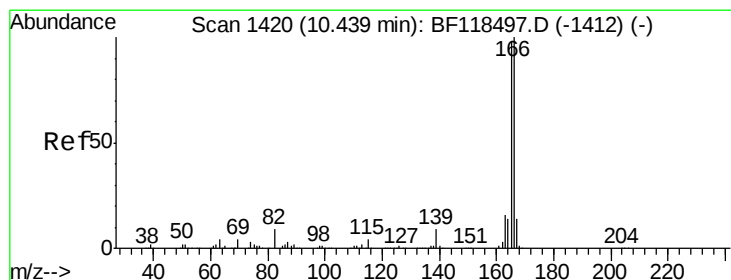
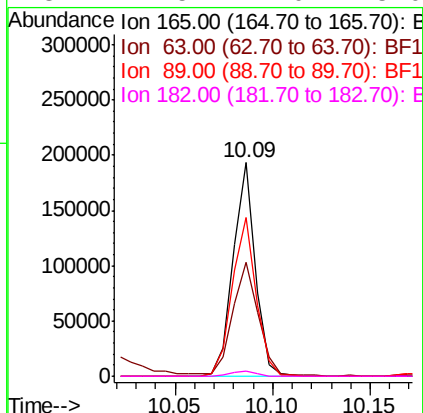
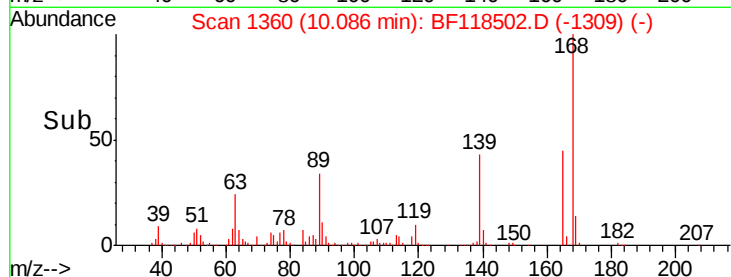
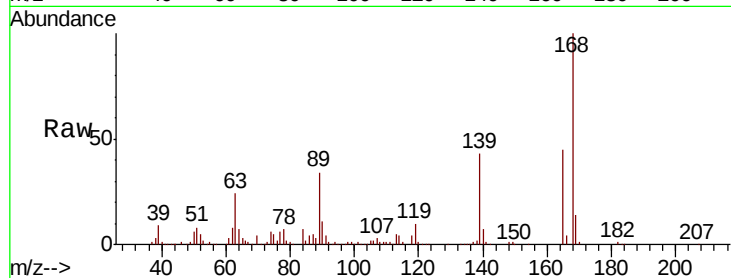




#57
 2,4-Dinitrotoluene
 Concen: 38.428 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

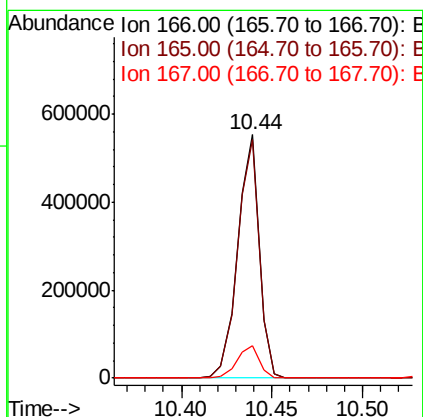
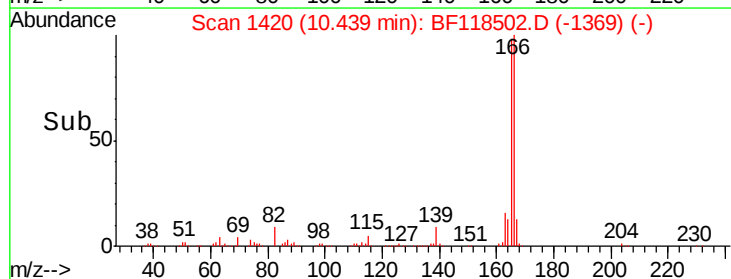
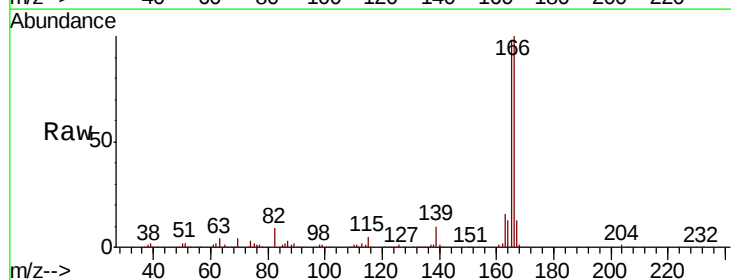
Instrument :
 BNA_F
 ClientSampleId :

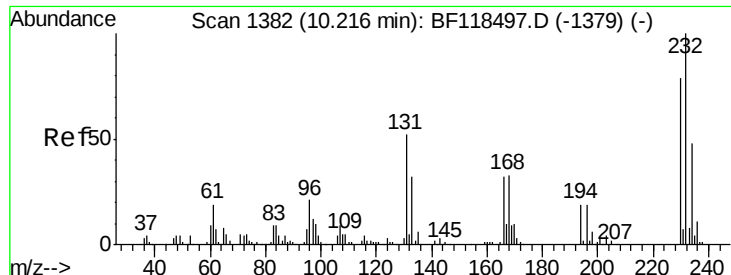
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.1	44.1	66.1
89	74.2	60.4	90.6
182	2.5	2.0	3.0



#58
 Fluorene
 Concen: 36.224 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	117.8
167	13.1	10.8	16.2

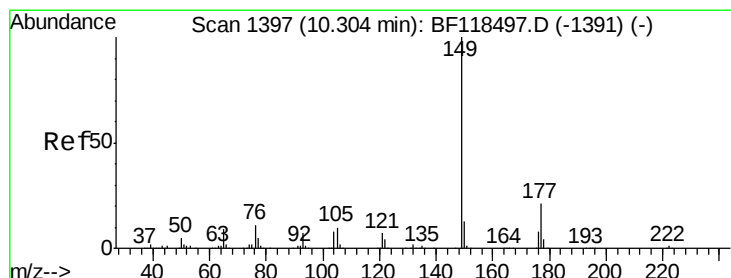
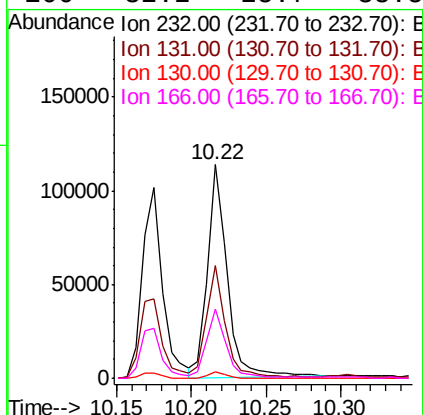
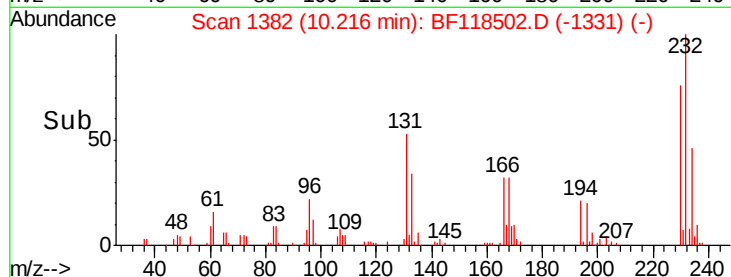
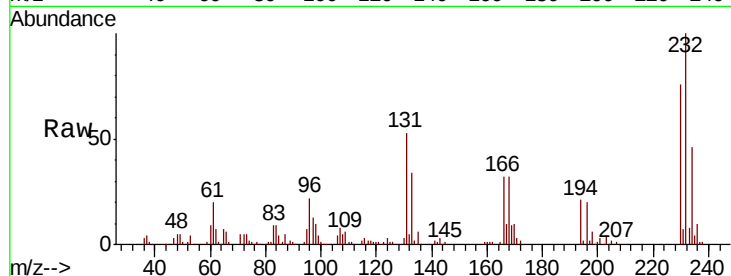




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.054 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

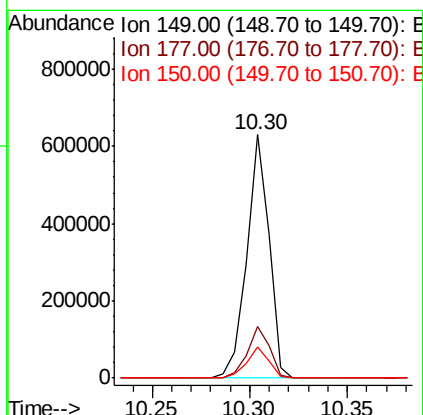
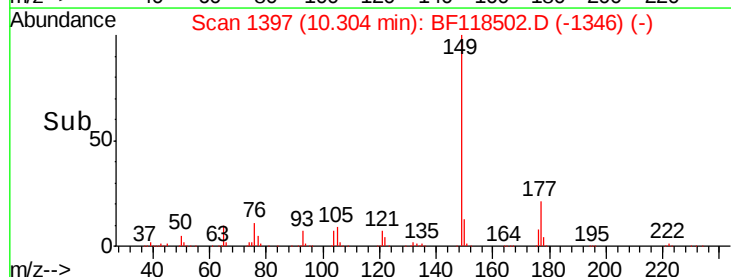
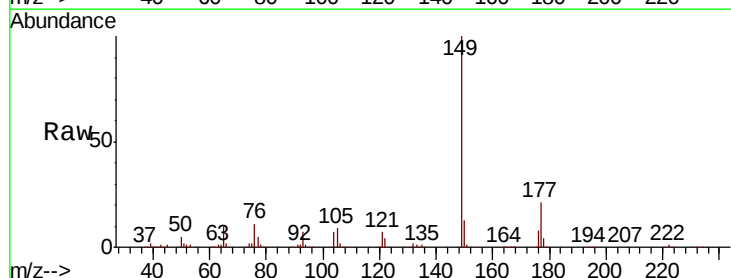
Instrument :
BNA_F
ClientSampleId :

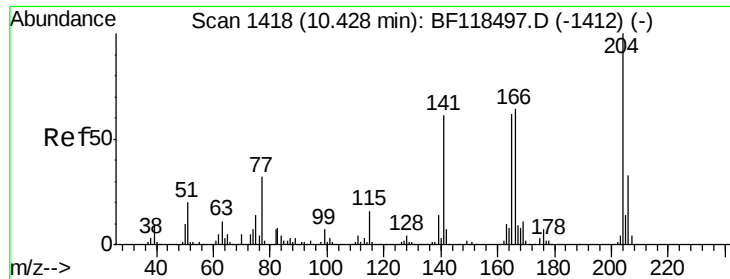
Tot Ion:232 Resp: 103577
Ion Ratio Lower Upper
232 100
131 52.1 42.2 63.4
130 2.5 2.1 3.1
166 32.2 25.7 38.5



#60
Diethylphthalate
Concen: 35.910 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Tgt Ion:149 Resp: 498939
Ion Ratio Lower Upper
149 100
177 21.0 16.5 24.7
150 12.6 10.2 15.2

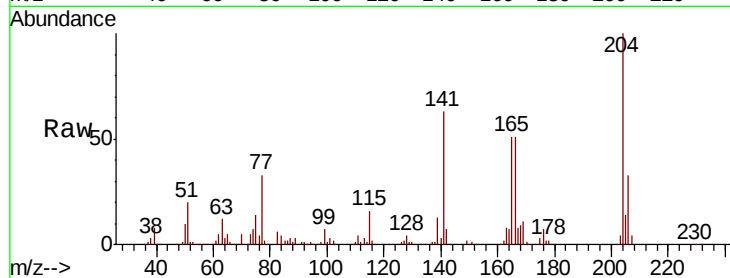




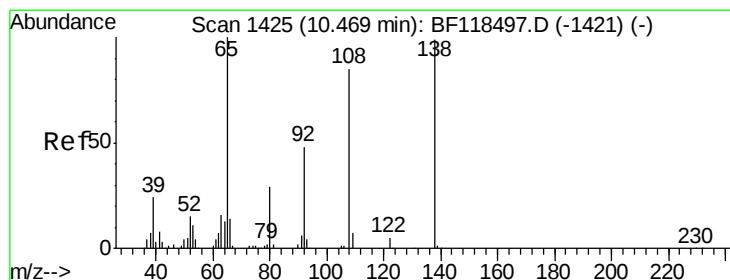
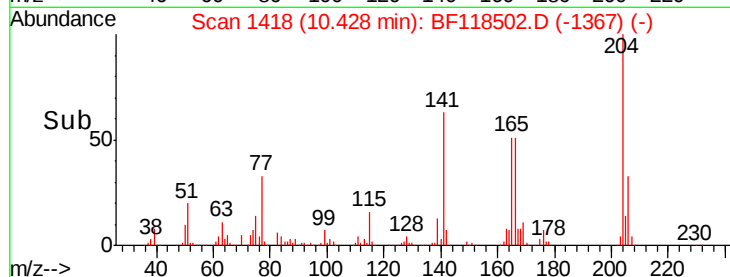
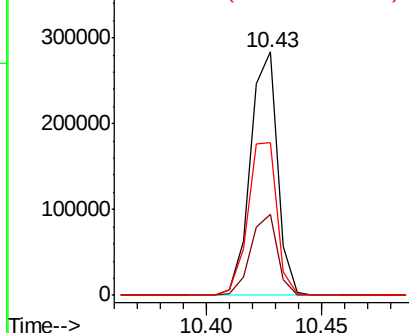
#61
4-Chlorophenyl-phenylether
Concen: 37.055 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 233663
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 62.8 49.0 73.6

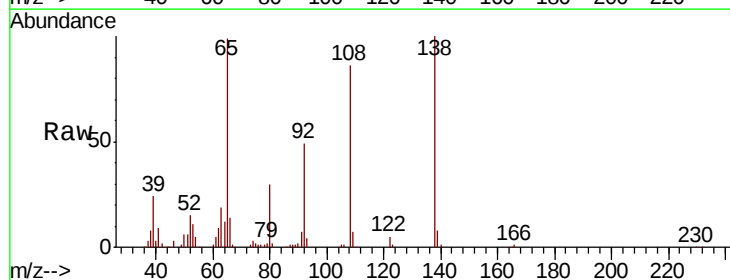


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

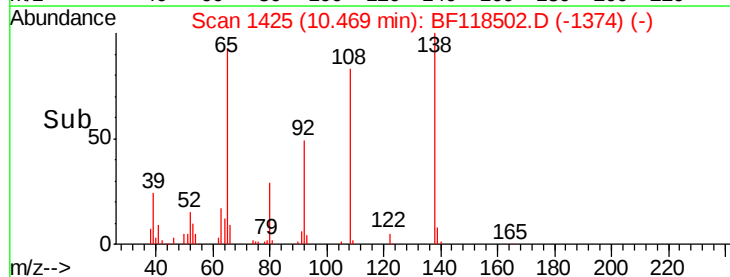
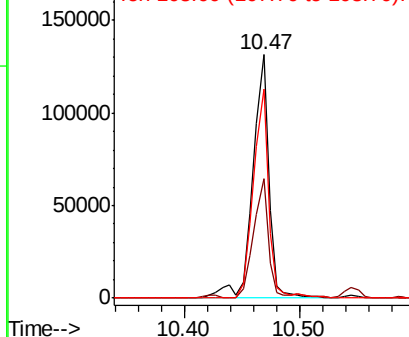


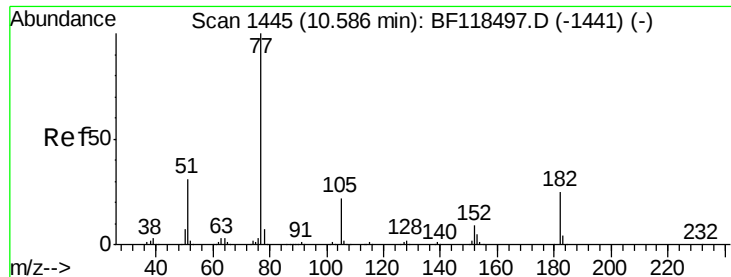
#62
4-Nitroaniline
Concen: 38.128 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Tgt Ion:138 Resp: 128537
Ion Ratio Lower Upper
138 100
92 49.0 27.9 67.9
108 86.1 64.7 104.7



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

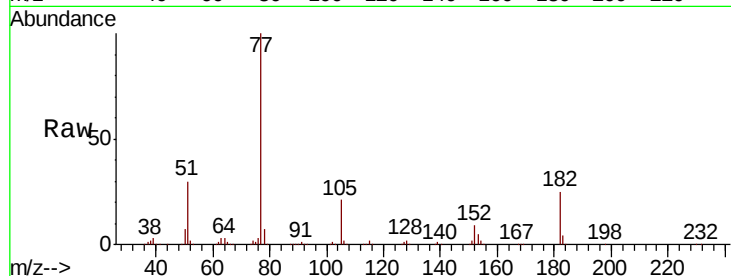




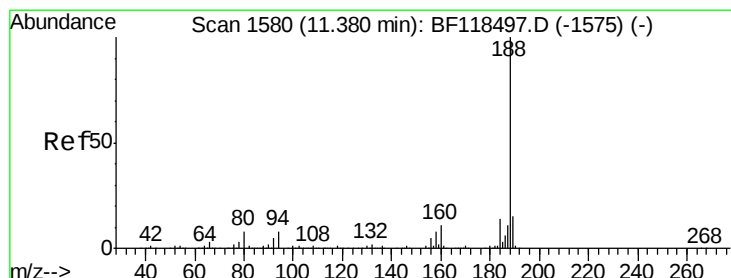
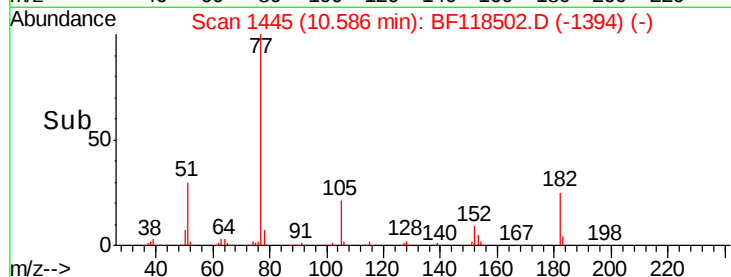
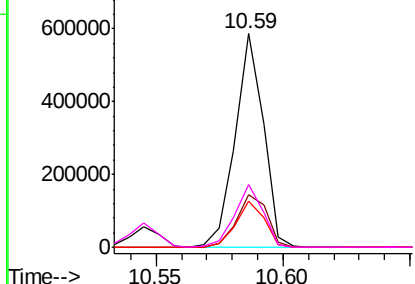
#63
Azobenzene
Concen: 38.078 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	449591
Ion	Ratio	Lower	Upper
77	100		
182	24.7	5.2	45.2
105	21.4	1.7	41.7
51	29.6	11.2	51.2

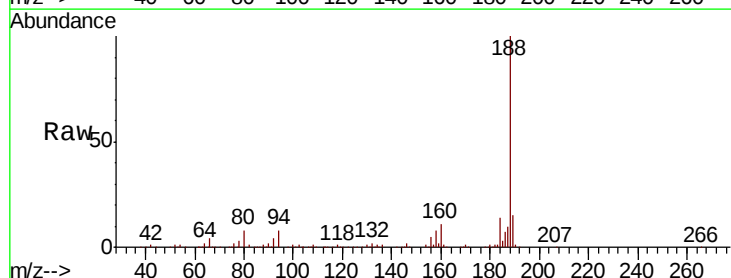


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

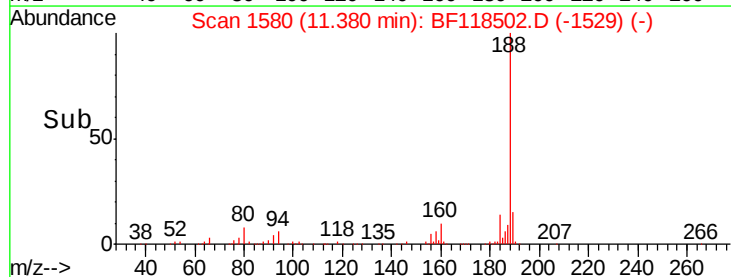
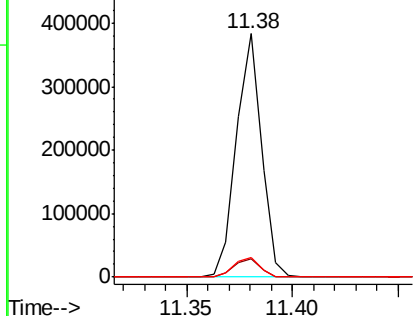


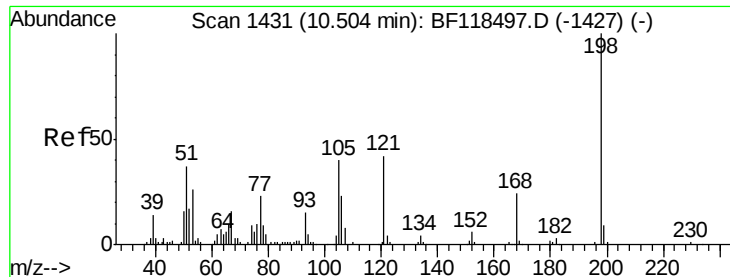
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Tgt Ion:	188	Resp:	314595
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.4
80	8.3	6.6	10.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

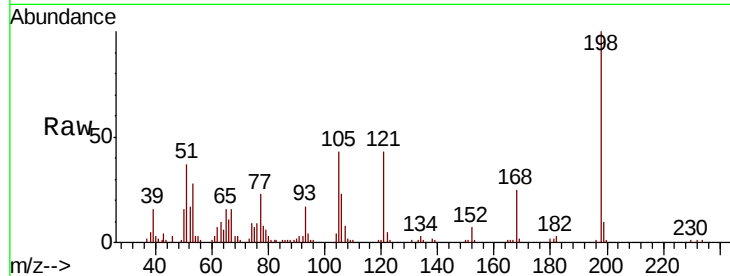




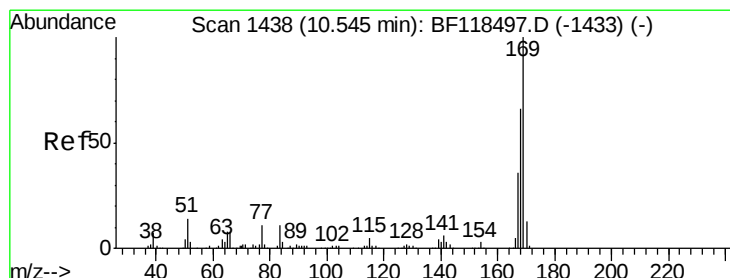
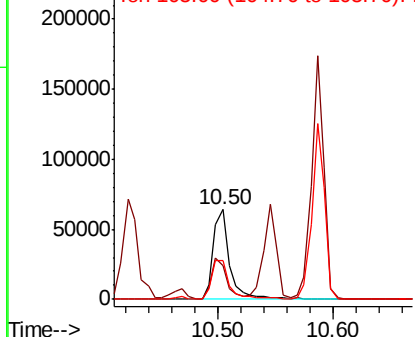
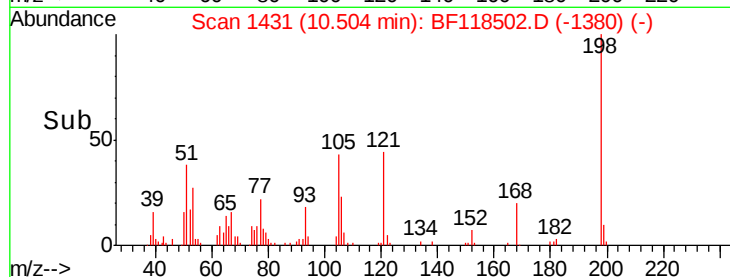
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.743 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 64431
 Ion Ratio Lower Upper
 198 100
 51 37.1 17.8 57.8
 105 42.9 20.1 60.1

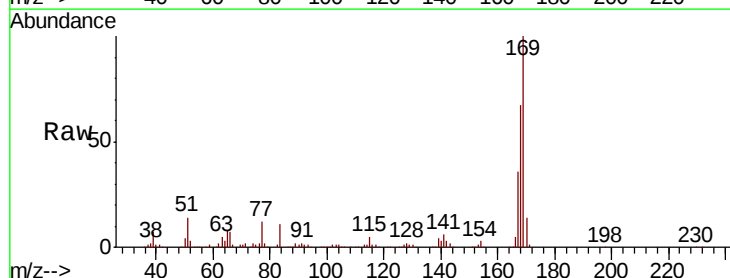


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

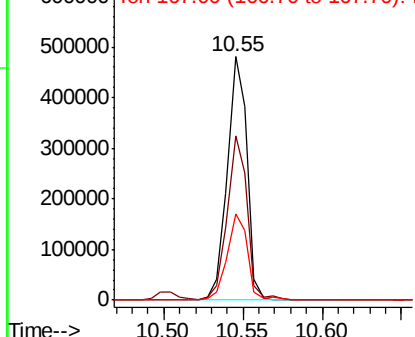
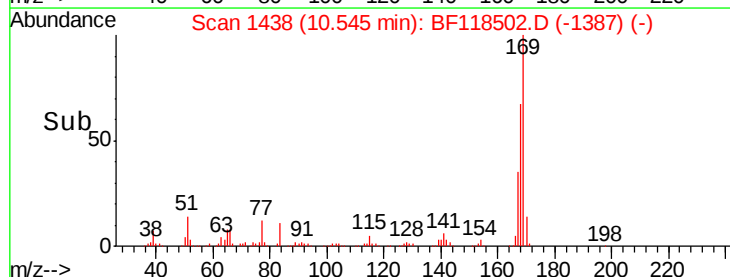


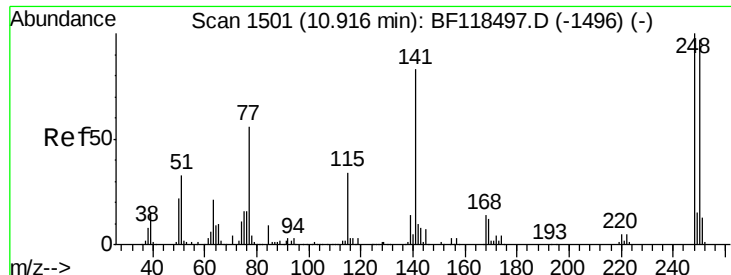
#66
 n-Nitrosodiphenylamine
 Concen: 40.367 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

Tgt Ion:169 Resp: 413558
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.4 80.2
 167 35.5 28.9 43.3



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

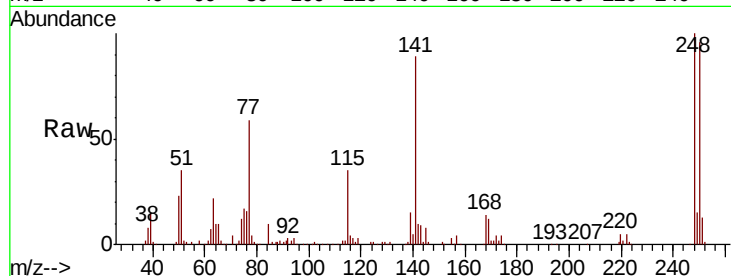




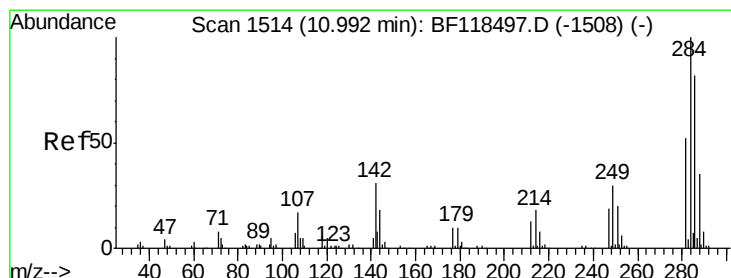
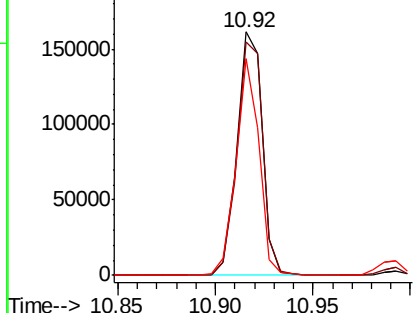
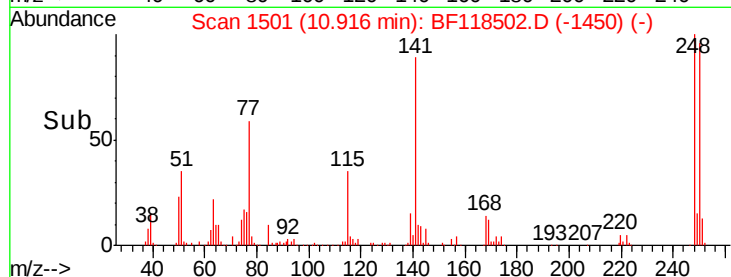
#67
4-Bromophenyl-phenylether
Concen: 39.393 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 145155
Ion Ratio Lower Upper
248 100
250 95.8 77.4 116.0
141 88.8 66.2 99.4

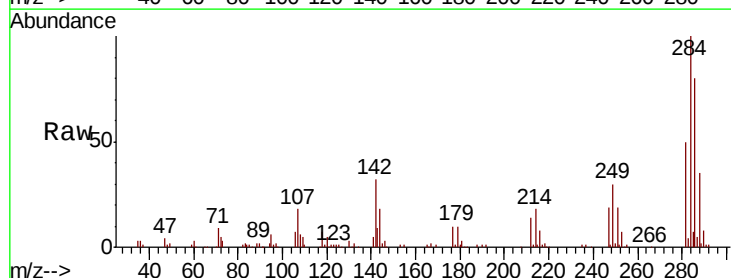


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

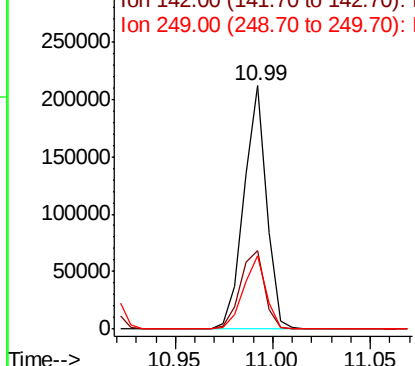
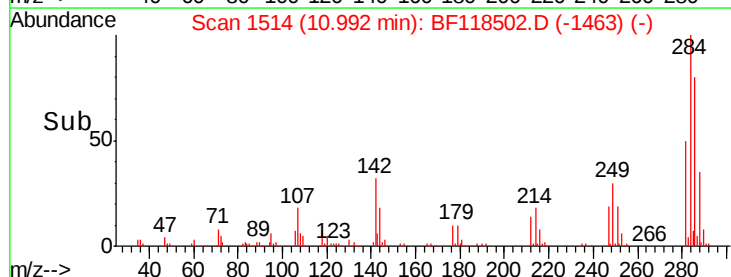


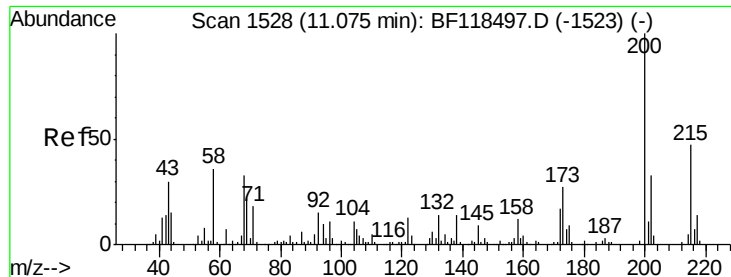
#68
Hexachlorobenzene
Concen: 38.629 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Tgt Ion:284 Resp: 169982
Ion Ratio Lower Upper
284 100
142 32.1 24.6 37.0
249 30.3 24.0 36.0



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

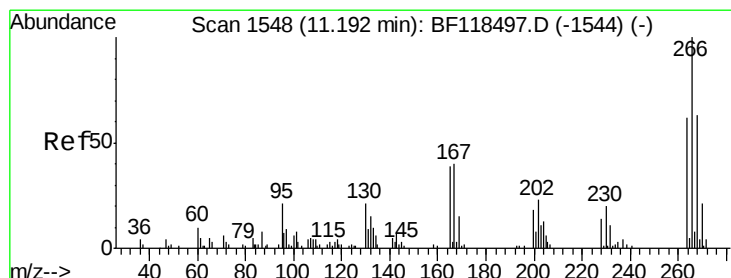
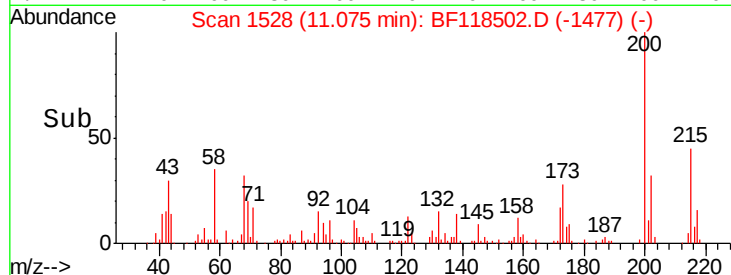
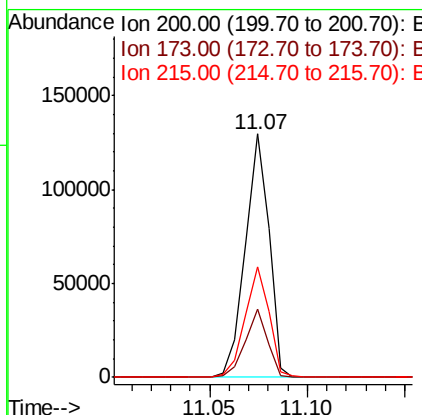
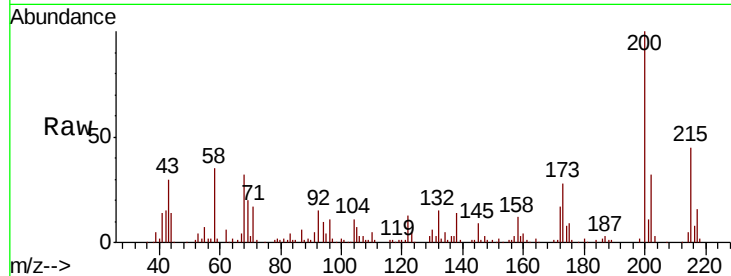




#69
 Atrazine
 Concen: 36.055 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

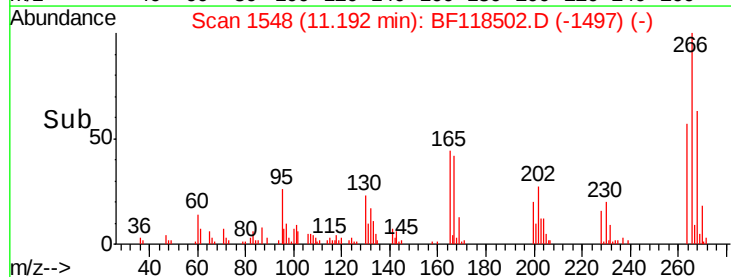
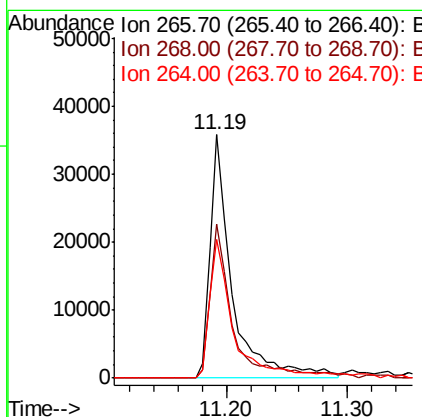
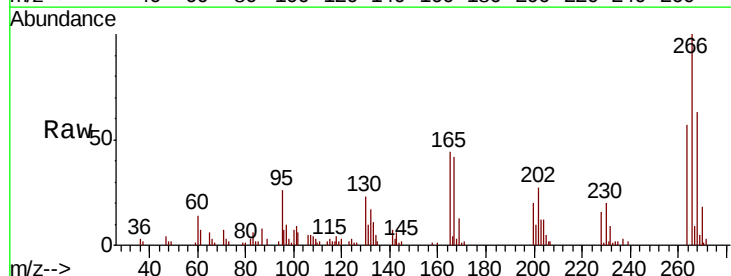
Instrument :
 BNA_F
 ClientSampleId :

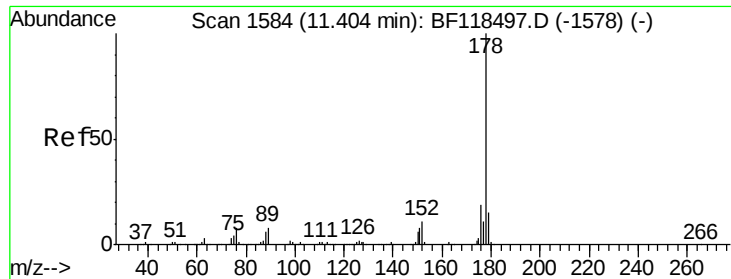
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	7.0	47.0
215	45.3	27.0	67.0



#70
 Pentachlorophenol
 Concen: 33.847 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.2	75.2
264	57.1	49.4	74.0





#71

Phenanthrene

Concen: 37.342 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

Instrument :

BNA_F

ClientSampled :

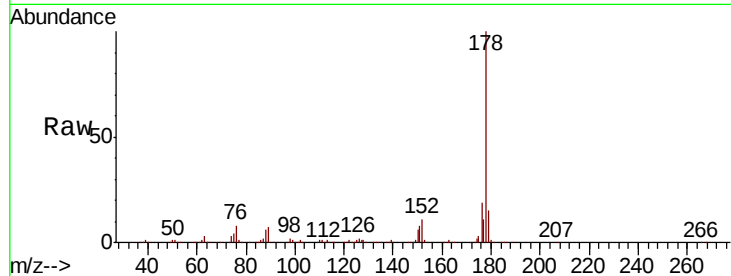
Tot Ion:178 Resp: 658087

Ion Ratio Lower Upper

178 100

176 18.6 15.2 22.8

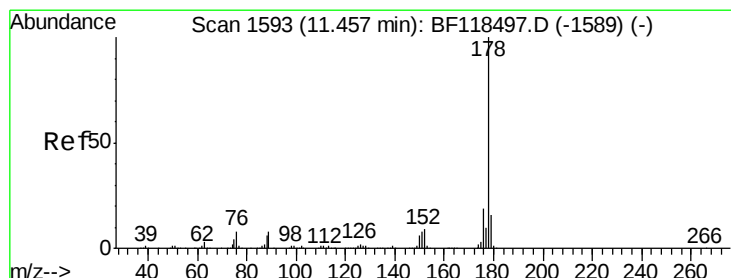
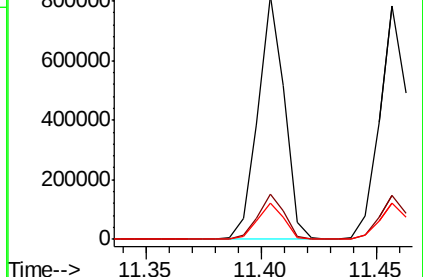
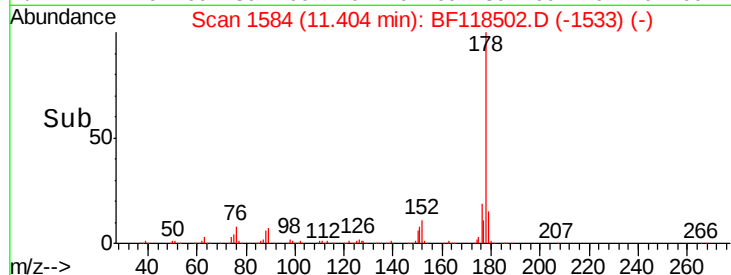
179 15.1 12.3 18.5



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: 37.022 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

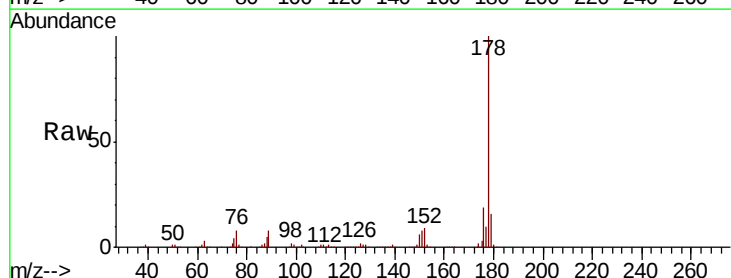
Tgt Ion:178 Resp: 649089

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

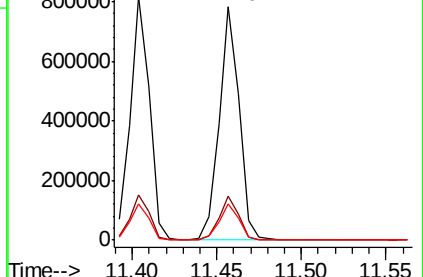
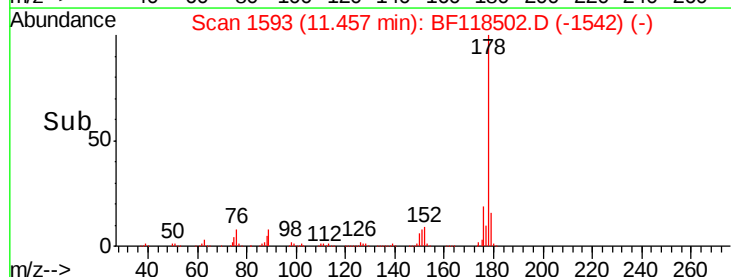
179 15.6 12.6 19.0

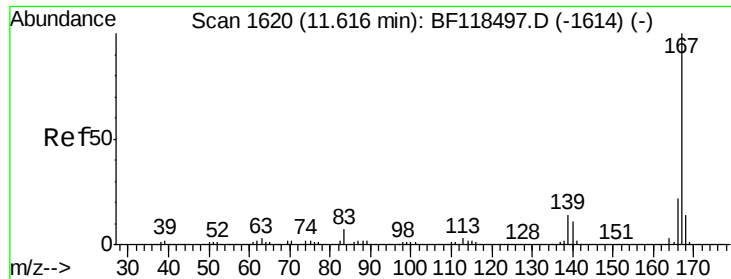


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

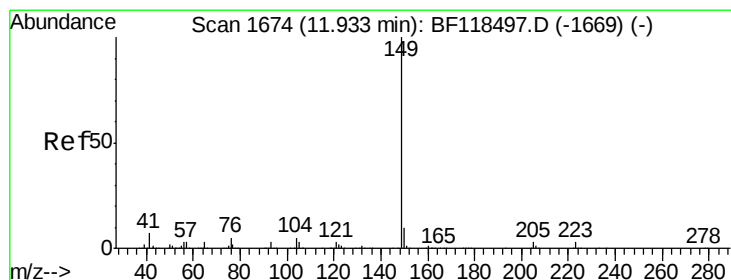
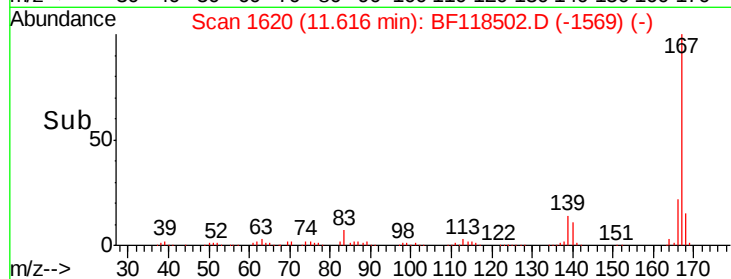
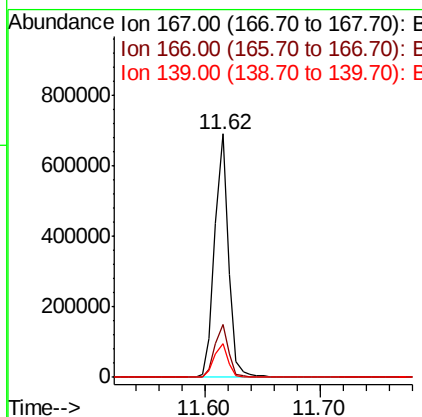
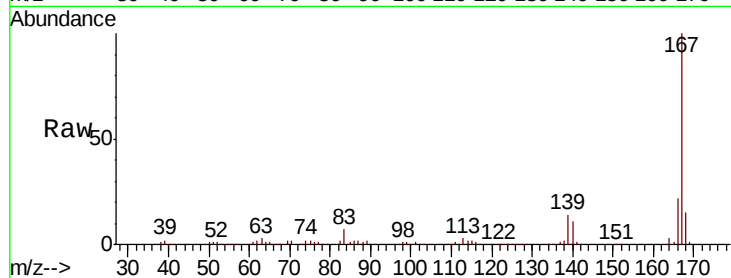




#73
 Carbazole
 Concen: 37.834 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

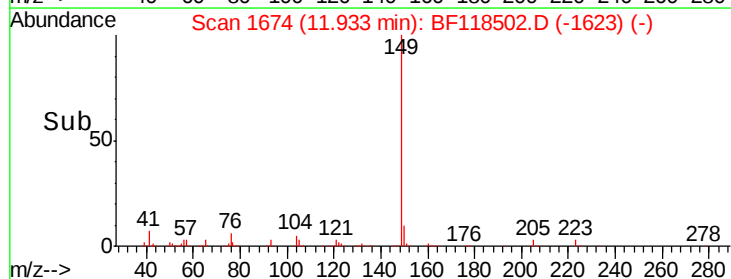
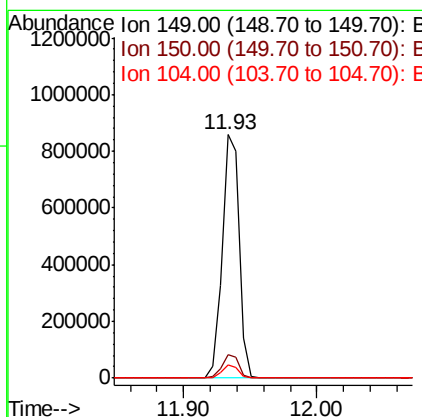
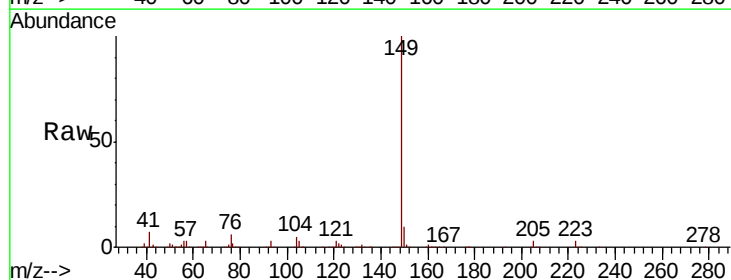
Instrument :
 BNA_F
 ClientSampleId :

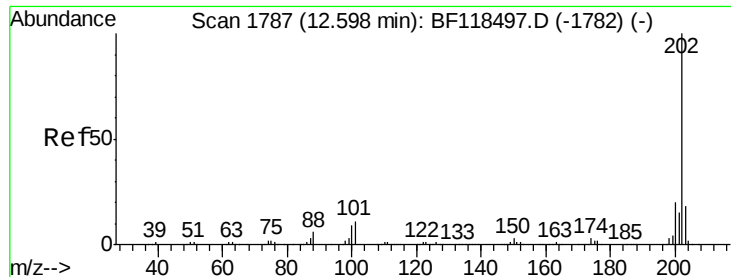
Tot Ion:167 Resp: 574606
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 14.0 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 38.104 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

Tgt Ion:149 Resp: 772041
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 5.4 4.2 6.4

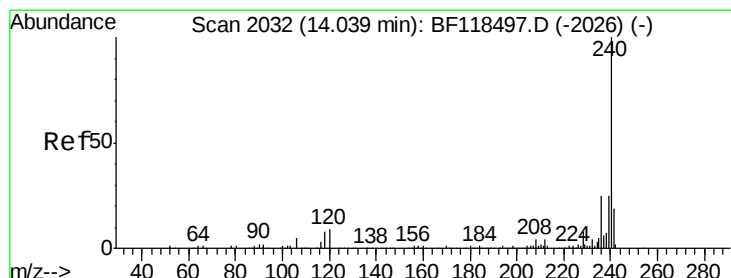
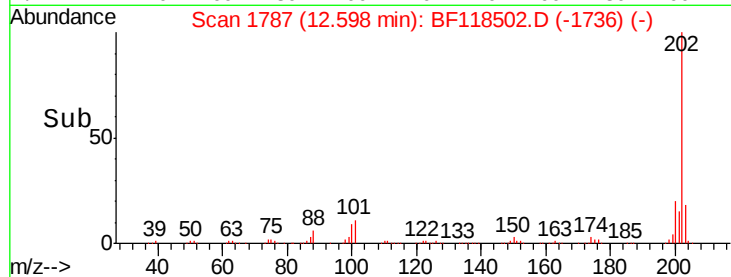
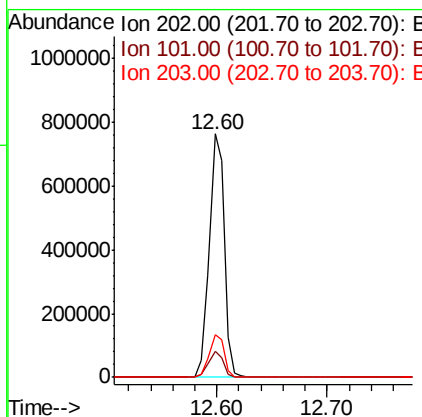
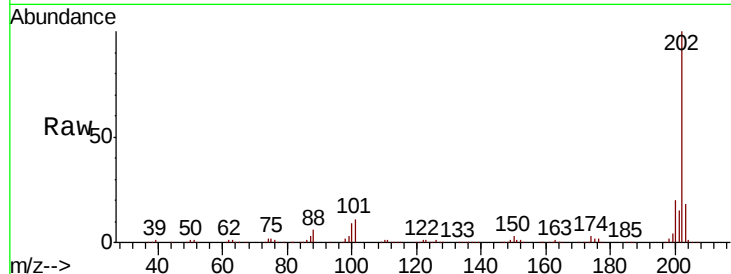




#75
 Fluoranthene
 Concen: 38.959 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

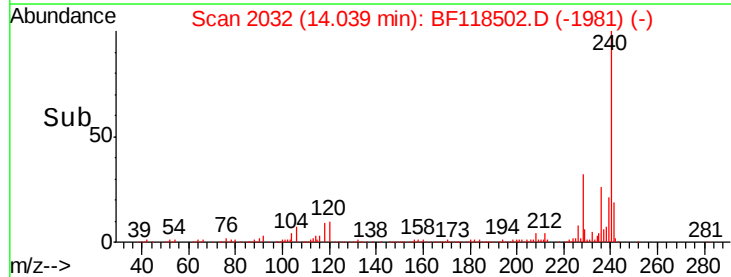
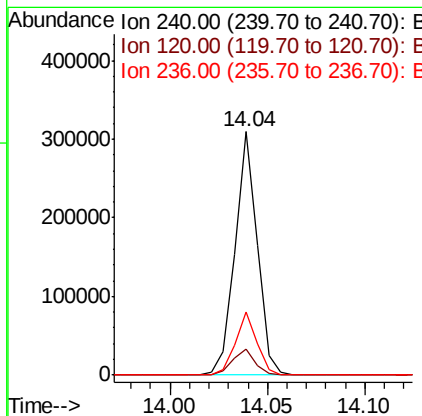
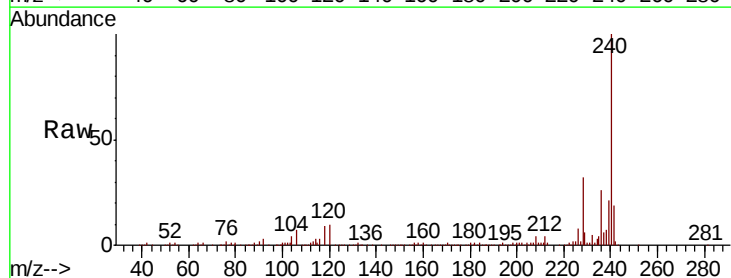
Instrument :
 BNA_F
 ClientSampled :

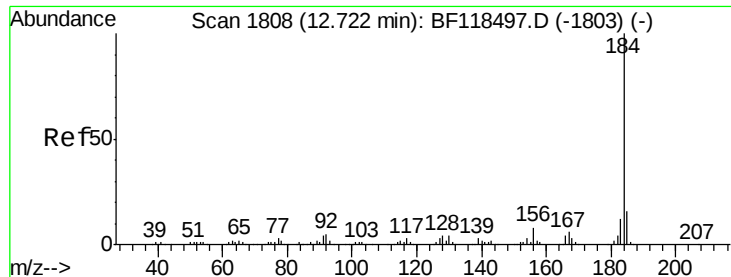
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.6	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.0	10.6
236	26.1	20.1	30.1





#77

Benzidine

Concen: 35.211 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

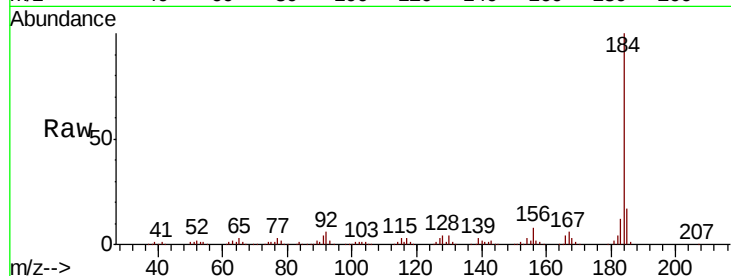
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 208779

Ion	Ratio	Lower	Upper
184	100		
185	16.9	12.6	18.8
183	12.0	9.3	13.9

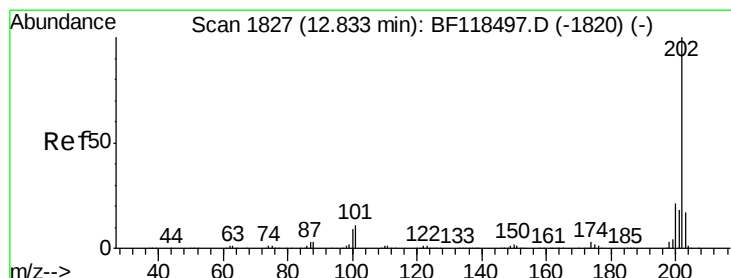
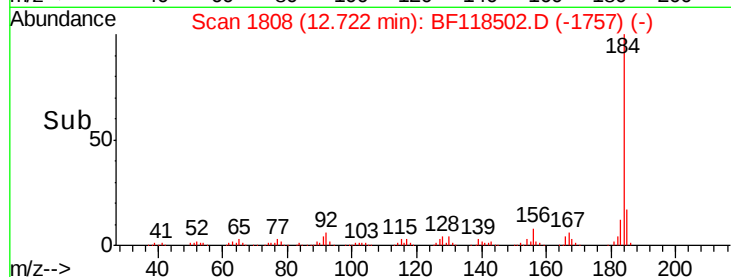
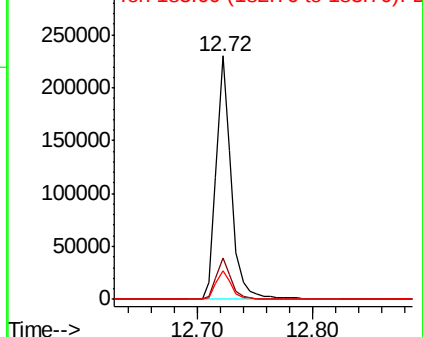


Abundance

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: 35.254 ng

RT: 12.83 min Scan# 1827

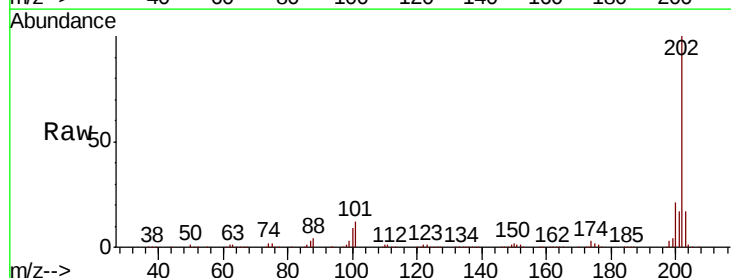
Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

Tgt Ion:202 Resp: 707984

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.5	13.9	20.9

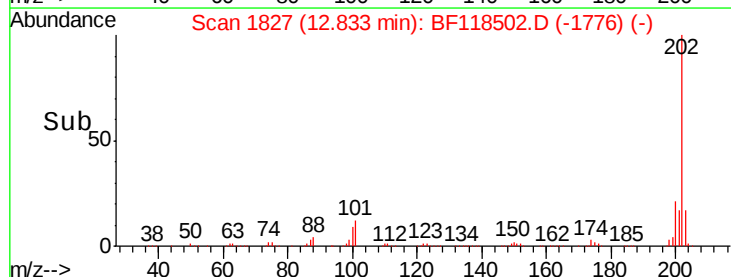
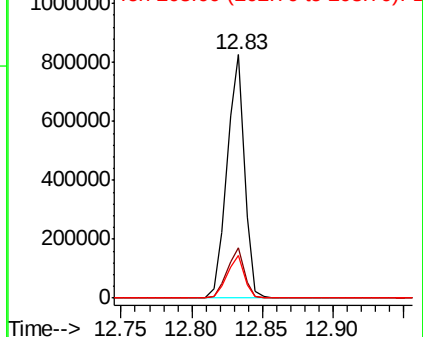


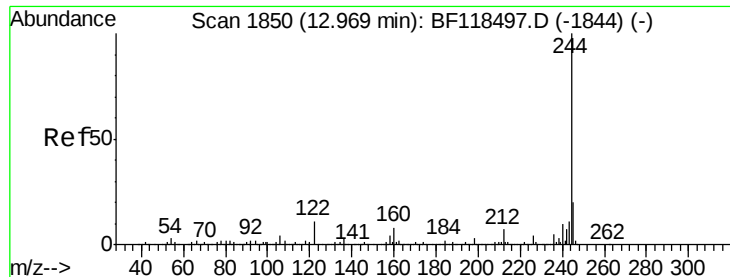
Abundance

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: 71.516 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

Instrument :

BNA_F

ClientSampleId :

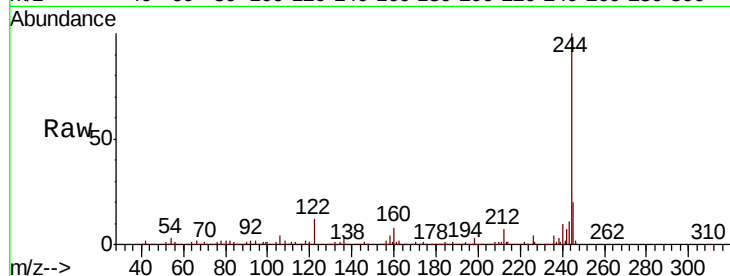
Tot Ion:244 Resp: 1101562

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

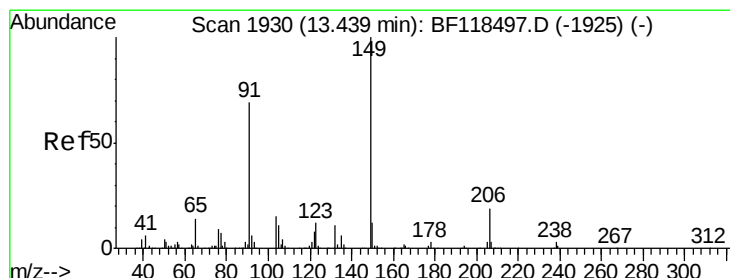
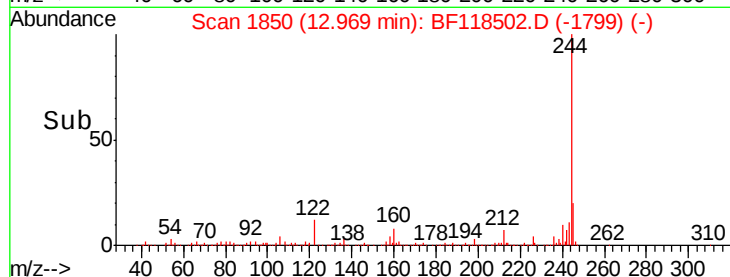
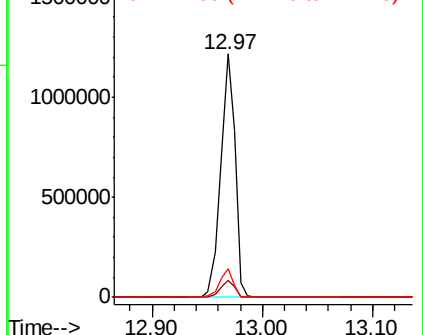
122 11.7 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.536 ng

RT: 13.45 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

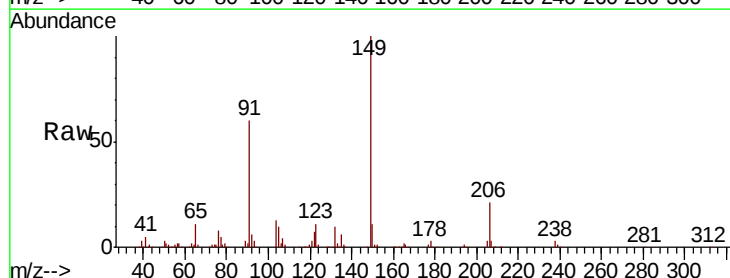
Tgt Ion:149 Resp: 354422

Ion Ratio Lower Upper

149 100

91 60.5 55.2 82.8

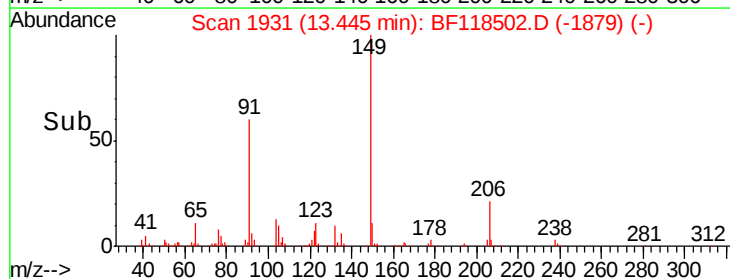
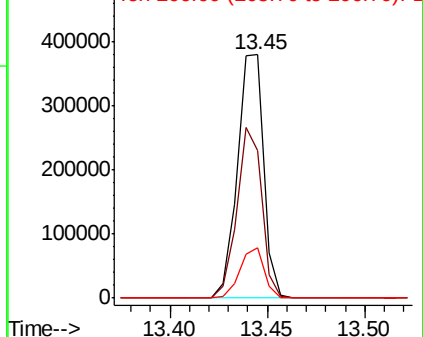
206 20.8 15.1 22.7

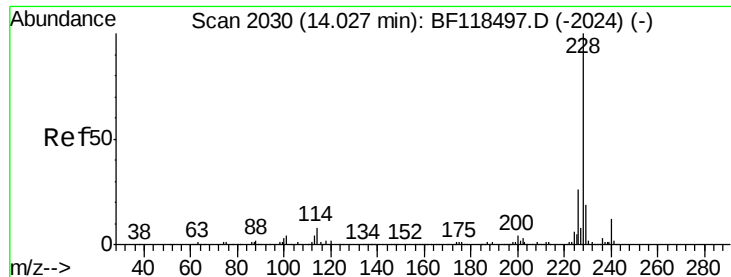


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

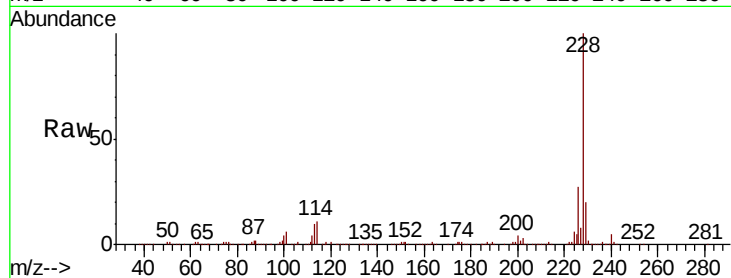




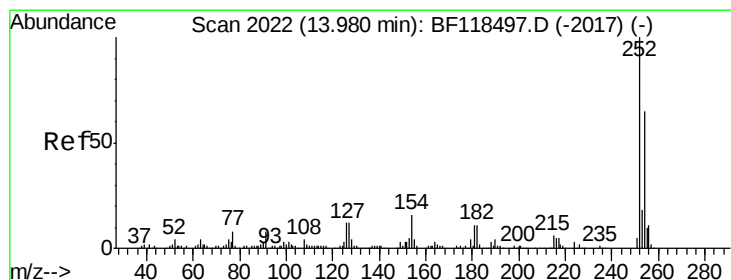
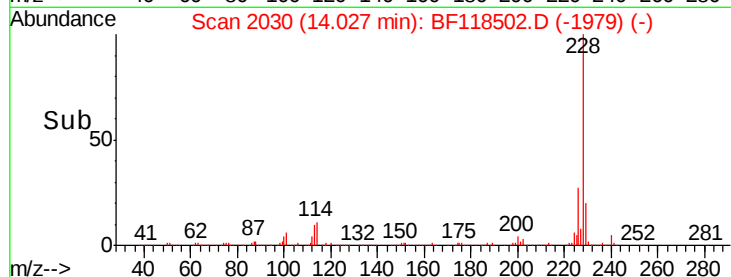
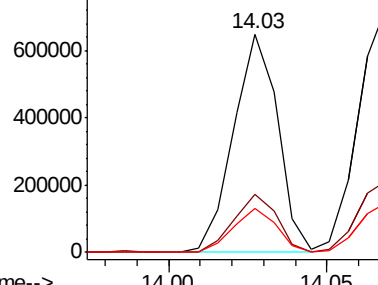
#81
Benzo(a)anthracene
Concen: 36.968 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 631594
Ion Ratio Lower Upper
228 100
226 26.5 20.7 31.1
229 19.8 15.4 23.2

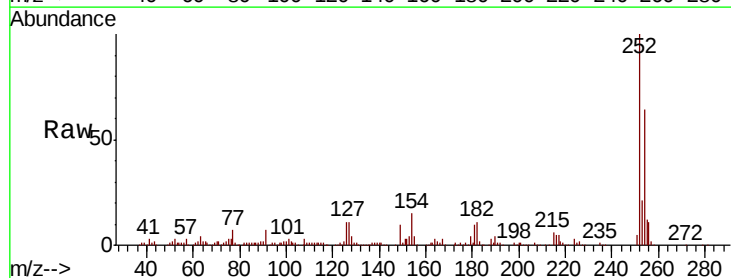


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

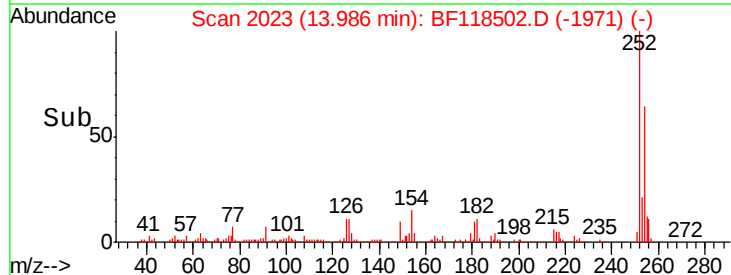
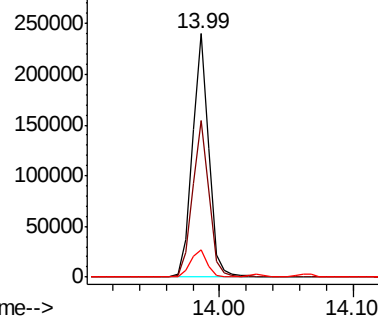


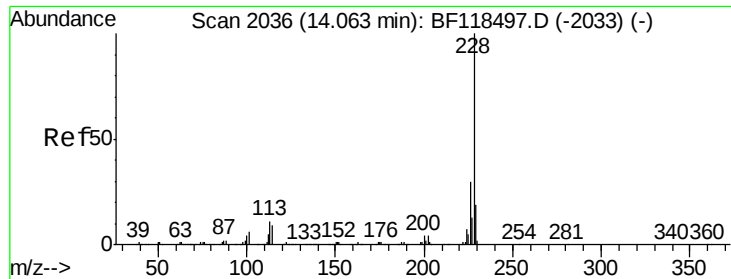
#82
3,3'-Dichlorobenzidine
Concen: 37.406 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Tgt Ion:252 Resp: 207823
Ion Ratio Lower Upper
252 100
254 64.4 52.1 78.1
126 11.2 9.6 14.4



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

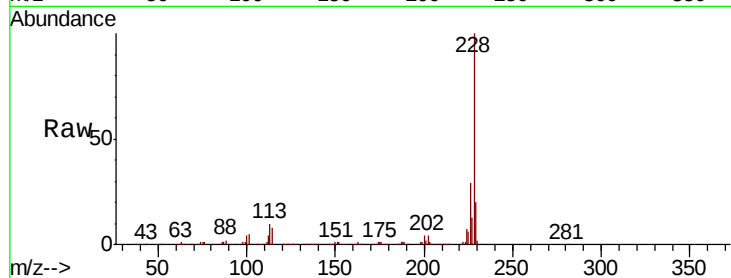




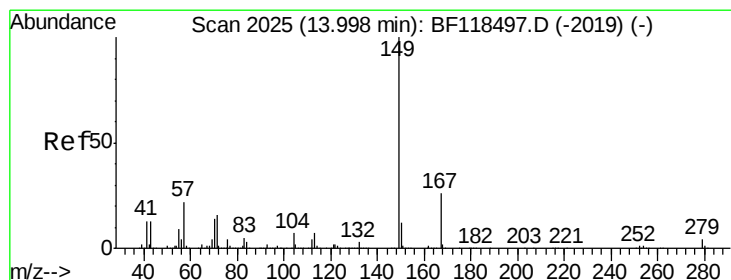
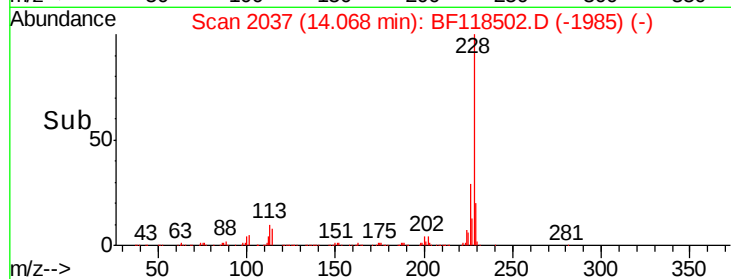
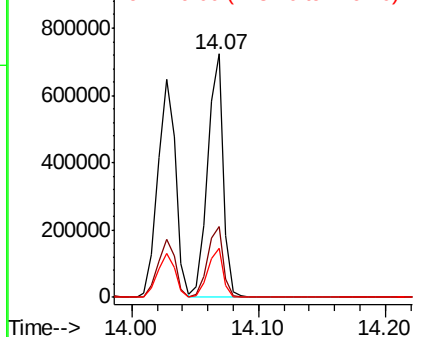
#83
 Chrvsene
 Concen: 37.534 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 623143
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.6 35.4
 229 20.0 15.6 23.4

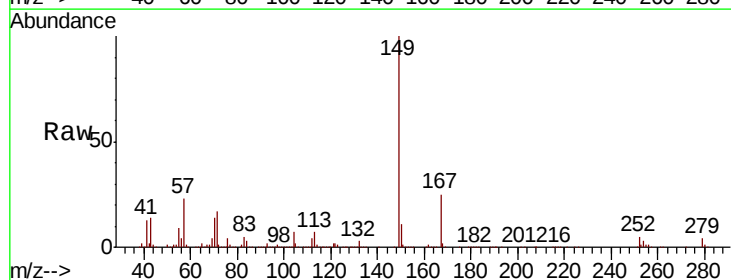


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

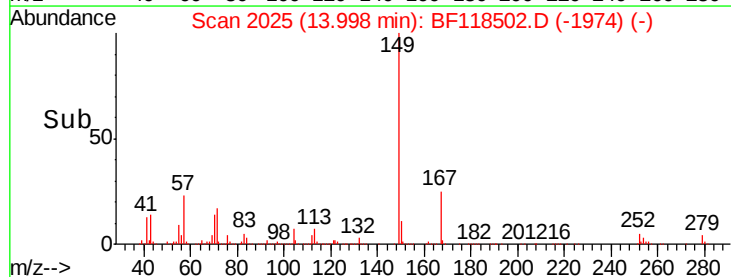
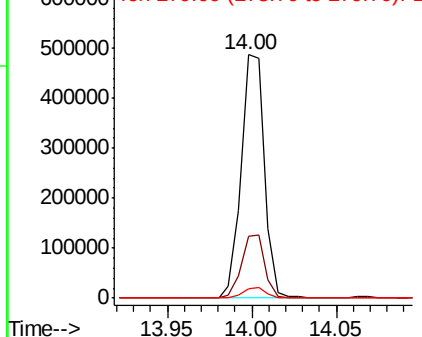


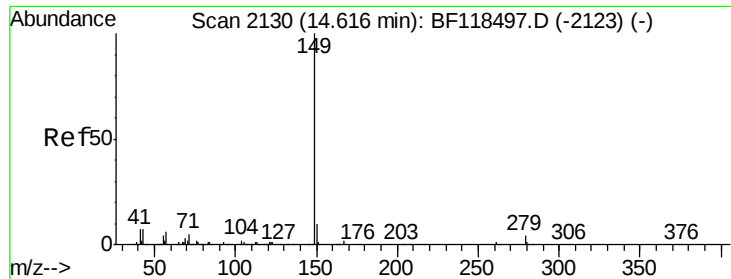
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.602 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 15:56

Tgt Ion:149 Resp: 469560
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.6 30.8
 279 3.7 3.1 4.7



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: 40.012 ng

RT: 14.63 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

Instrument :

BNA_F

ClientSampleId :

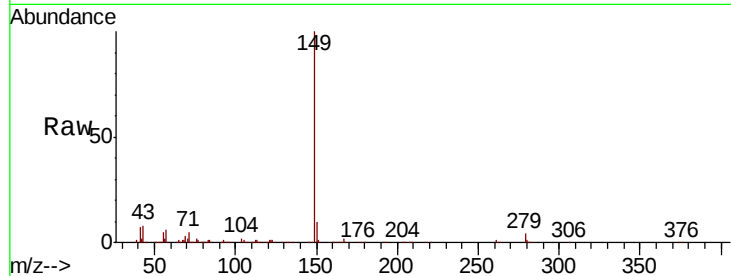
Tot Ion:149 Resp: 716693

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

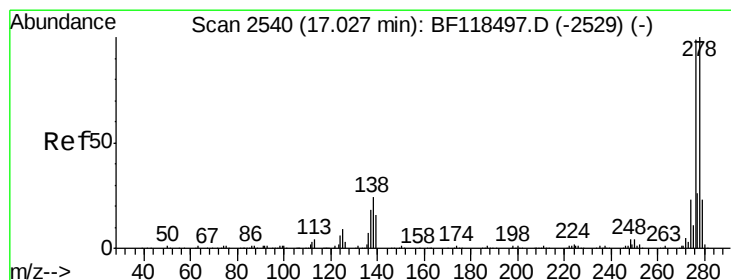
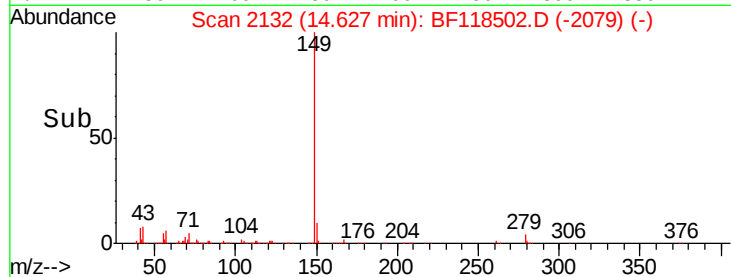
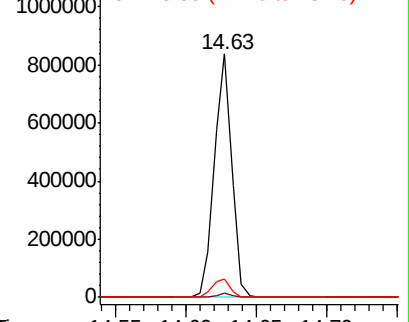
43 8.0 6.4 9.6



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: 34.390 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.02 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

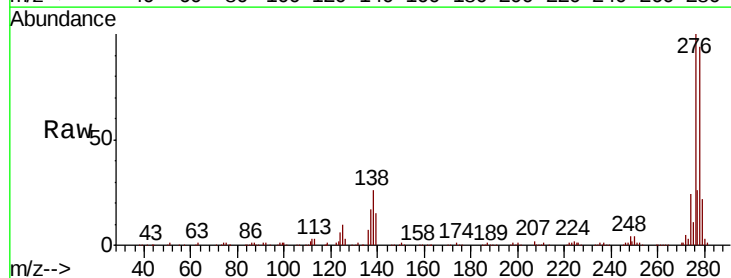
Tgt Ion:276 Resp: 459658

Ion Ratio Lower Upper

276 100

138 23.7 19.0 28.4

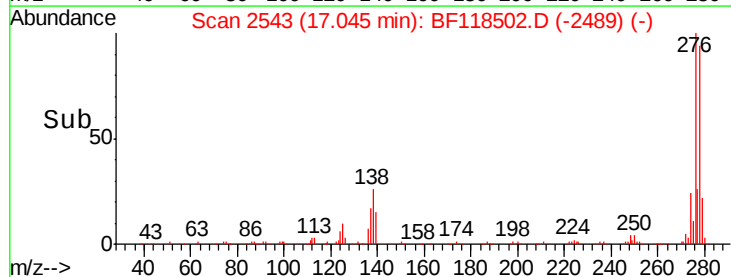
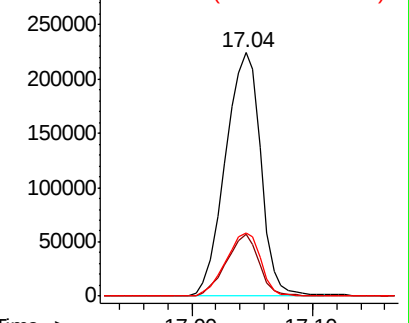
277 25.7 20.5 30.7

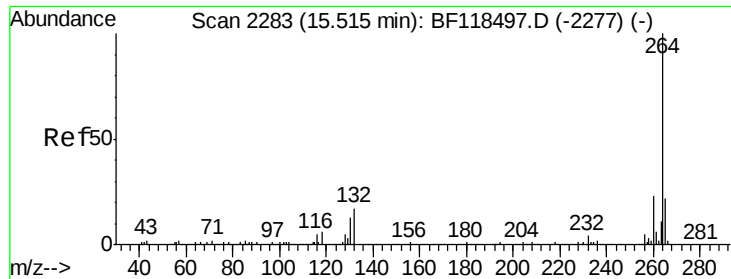


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



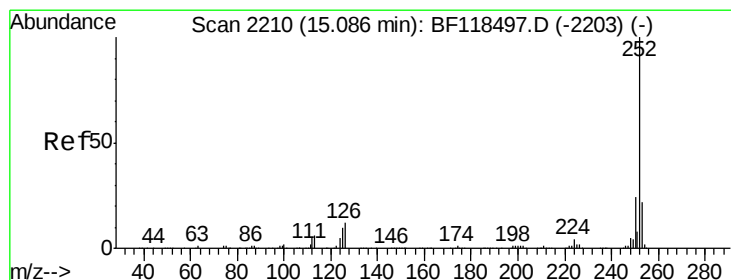
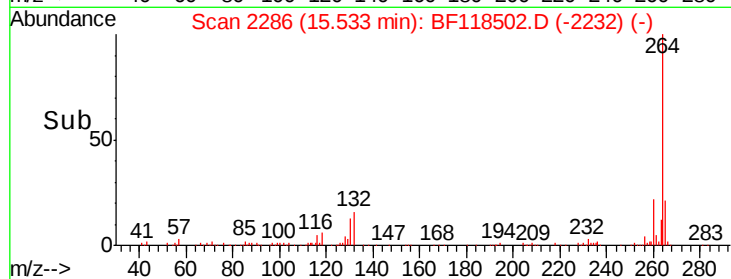
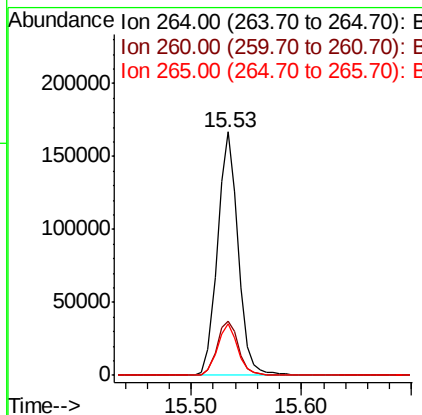
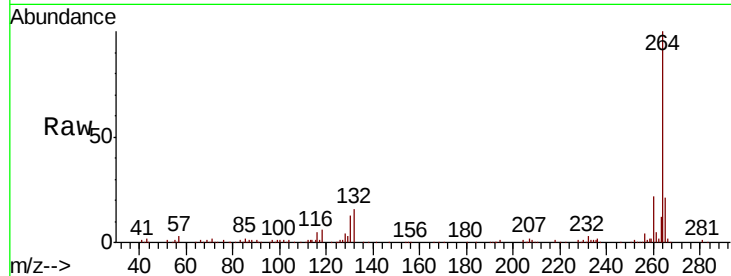


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.02 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 215949

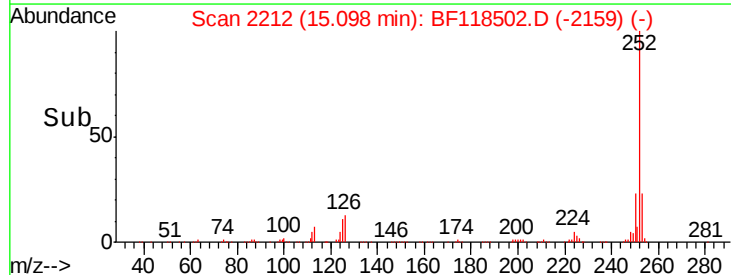
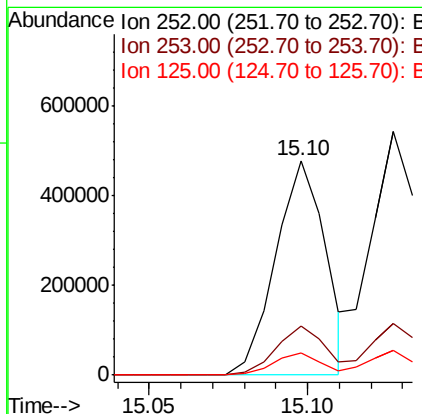
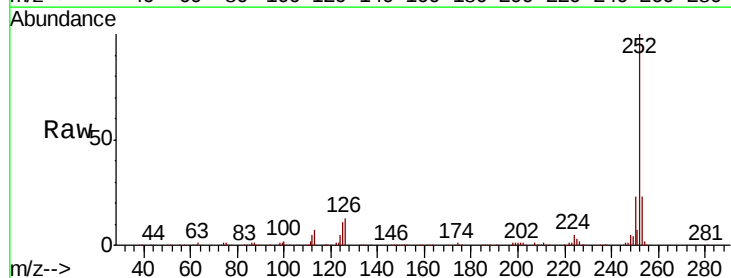
Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.8	28.2
265	21.2	17.5	26.3

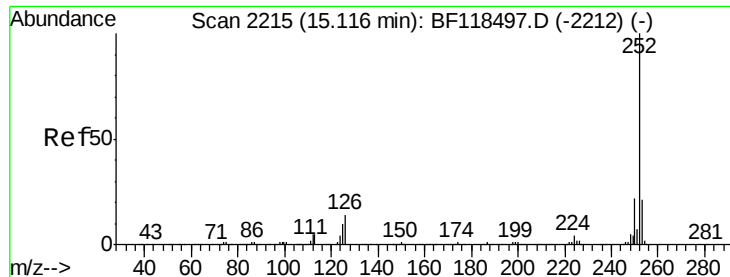


#88
Benzo(b)fluoranthene
Concen: 33.572 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Tgt Ion:252 Resp: 524157

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	10.5	7.8	11.6

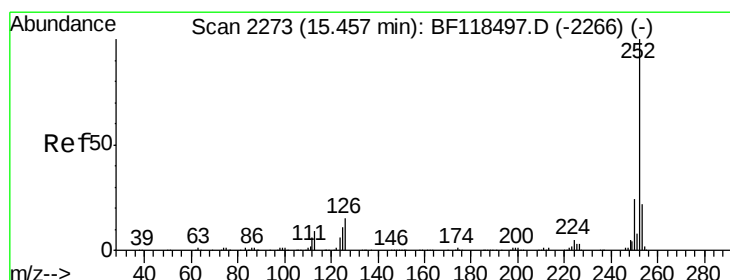
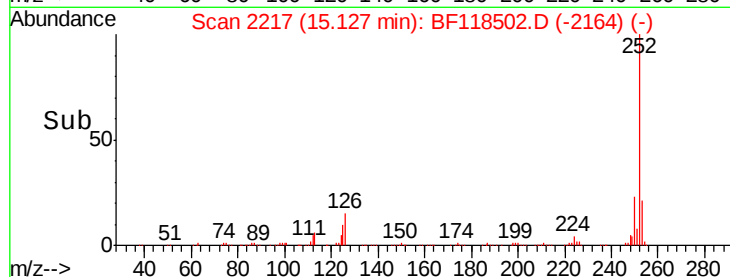
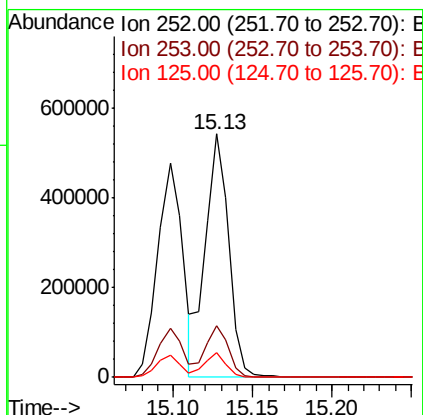
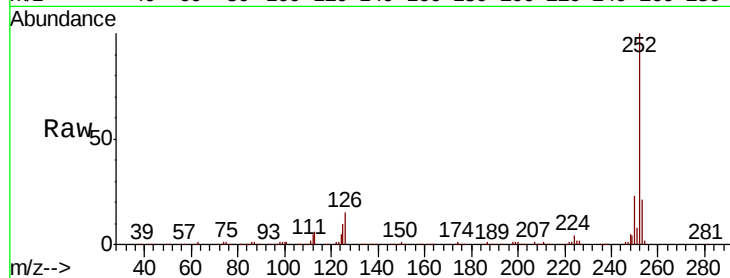




#89
Benzo(k)fluoranthene
Concen: 37.549 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

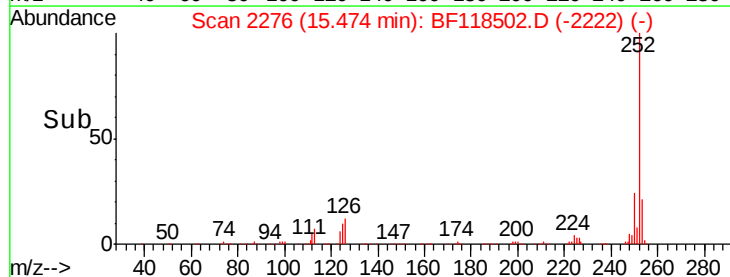
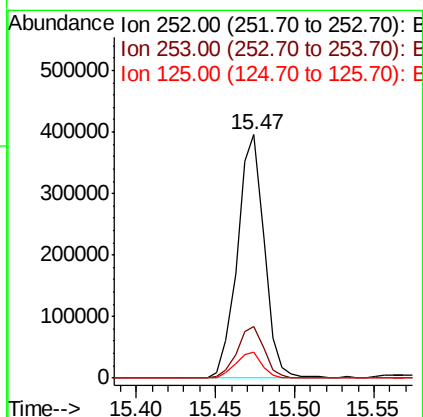
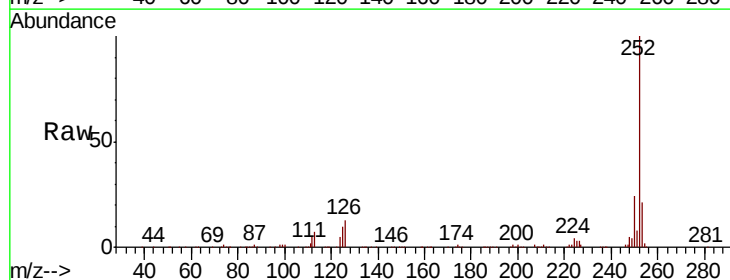
Instrument :
BNA_F
ClientSampleId :

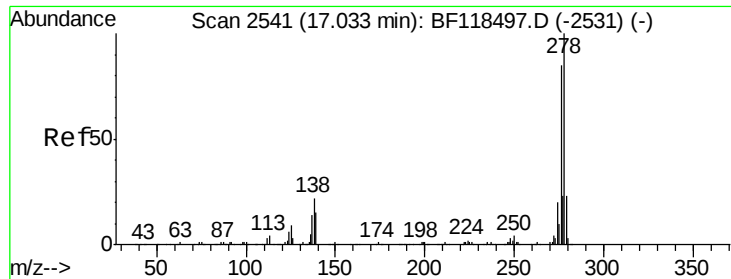
Tot Ion:252 Resp: 559582
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.4
125 9.9 7.8 11.6



#90
Benzo(a)pyrene
Concen: 36.172 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF118502.D
Acq: 8 Jan 2020 15:56

Tgt Ion:252 Resp: 462808
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 10.5 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 31.748 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.02 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

Instrument :

BNA_F

ClientSampleId :

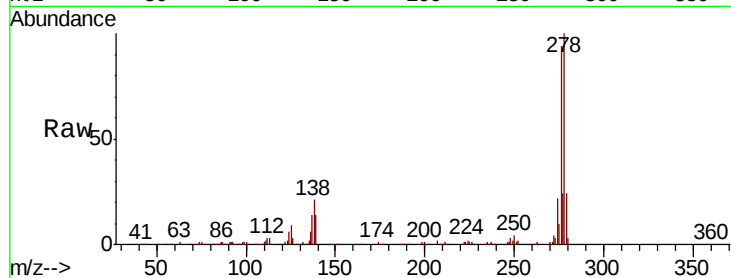
Tot Ion:278 Resp: 380881

Ion Ratio Lower Upper

278 100

139 14.3 11.9 17.9

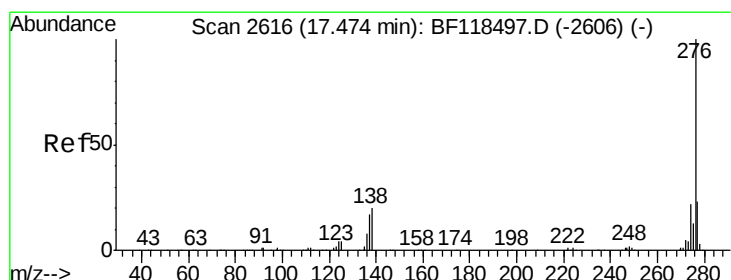
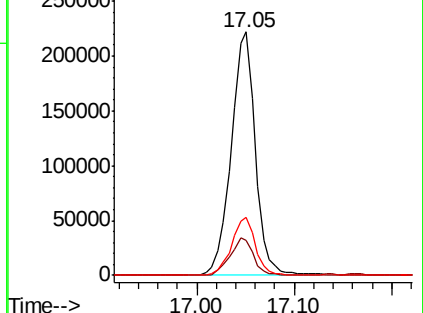
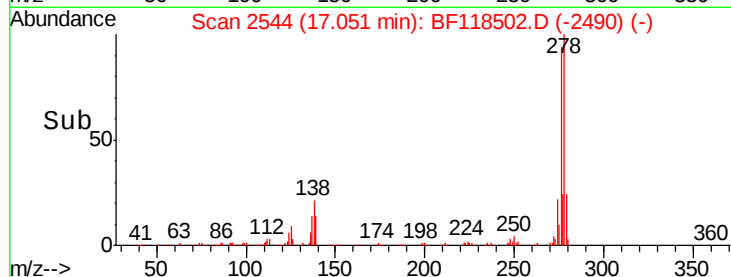
279 23.7 18.6 27.8



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: 31.083 ng

RT: 17.50 min Scan# 2620

Delta R.T. 0.02 min

Lab File: BF118502.D

Acq: 8 Jan 2020 15:56

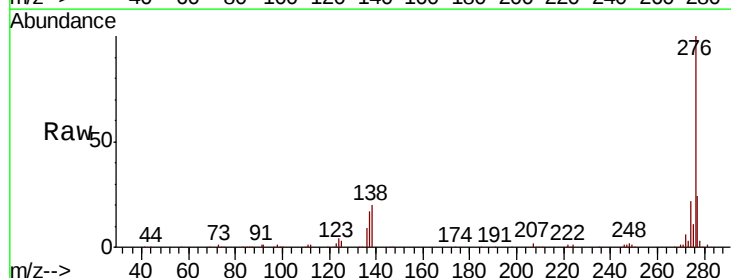
Tgt Ion:276 Resp: 353333

Ion Ratio Lower Upper

276 100

277 23.5 18.2 27.4

138 20.1 16.3 24.5



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

