

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
 Data File : BF118535.D
 Acq On : 13 Jan 2020 17:20
 Operator : JU
 Sample : L1106-06MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 14 10:26:36 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	6.82	152	66669	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	276591	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	163223	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	325870	20.00	ng	-0.02
76) Chrysene-d12	14.01	240	183471	20.00	ng	-0.03
87) Perylene-d12	15.49	264	211958	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	365442	90.48	ng	0.00
7) Phenol-d6	6.46	99	486925	100.84	ng	-0.01
23) Nitrobenzene-d5	7.39	82	293355	55.72	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	185543	96.34	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	568540	49.96	ng	-0.02
79) Terphenyl-d14	12.94	244	506673	43.76	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.55	88	53299	39.585	ng	98
3) Pyridine	3.31	79	123182	33.987	ng	97
4) n-Nitrosodimethylamine	3.26	42	78529	43.238	ng	92
6) Aniline	6.48	93	171710	28.601	ng	# 76
8) 2-Chlorophenol	6.60	128	210271	47.619	ng	97
9) Benzaldehyde	6.37	77	105343	39.189	ng	97
10) Phenol	6.47	94	248109	46.372	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	181639	47.618	ng	99
12) 1,3-Dichlorobenzene	6.76	146	227333	44.040	ng	98
13) 1,4-Dichlorobenzene	6.83	146	238738	45.327	ng	98
14) 1,2-Dichlorobenzene	6.99	146	224546	44.118	ng	99
15) Benzyl Alcohol	6.97	79	182246	46.530	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	181591	42.914	ng	88
17) 2-Methylphenol	7.08	107	164844	45.424	ng	95
18) Hexachloroethane	7.32	117	86644	43.416	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	140157	45.067	ng	99
20) 3+4-Methylphenols	7.23	107	221853	45.068	ng	93
22) Acetophenone	7.23	105	291287	41.547	ng	# 98
24) Nitrobenzene	7.40	77	215709	41.201	ng	97
25) Isophorone	7.64	82	385898	45.749	ng	98
26) 2-Nitrophenol	7.72	139	118283	45.758	ng	100
27) 2,4-Dimethylphenol	7.76	122	186360	53.609	ng	95
28) bis(2-Chloroethoxy)methane	7.85	93	230813	41.621	ng	100
29) 2,4-Dichlorophenol	7.97	162	180927	44.575	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	203500	43.167	ng	99
31) Naphthalene	8.12	128	640380	44.262	ng	99
32) Benzoic acid	7.91	122	114987	48.027	ng	95
33) 4-Chloroaniline	8.18	127	76904	12.911	ng	96
34) Hexachlorobutadiene	8.23	225	119534	41.307	ng	98
35) Caprolactam	8.56	113	31691	25.920	ng	93
36) 4-Chloro-3-methylphenol	8.67	107	198045	45.386	ng	95
37) 2-Methylnaphthalene	8.82	142	447544	45.072	ng	97
38) 1-Methylnaphthalene	8.92	142	408296	43.795	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	196706	39.223	ng	98

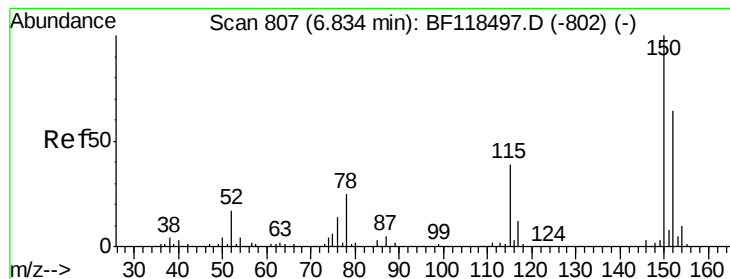
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
 Data File : BF118535.D
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	110475	80.511	ng	98
43) 2,4,6-Trichlorophenol	9.10	196	129768	41.874	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	139063	43.363	ng	97
46) 1,1'-Biphenyl	9.28	154	524692	39.342	ng	98
47) 2-Chloronaphthalene	9.31	162	408461	38.696	ng	98
48) 2-Nitroaniline	9.42	65	122890	40.288	ng	94
49) Acenaphthylene	9.73	152	695738	44.279	ng	100
50) Dimethylphthalate	9.59	163	586812	46.842	ng	99
51) 2,6-Dinitrotoluene	9.66	165	120911	44.818	ng	85
52) Acenaphthene	9.90	154	427409	44.545	ng	99
53) 3-Nitroaniline	9.83	138	72906	23.070	ng	99
54) 2,4-Dinitrophenol	9.95	184	97789	82.918	ng	99
55) Dibenzofuran	10.07	168	610259	42.345	ng	96
56) 4-Nitrophenol	10.01	139	155927	101.621	ng	99
57) 2,4-Dinitrotoluene	10.07	165	152442	42.201	ng	98
58) Fluorene	10.42	166	524201	45.253	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	114318	42.152	ng	97
60) Diethylphthalate	10.29	149	525803	41.231	ng	98
61) 4-Chlorophenyl-phenylether	10.40	204	254482	43.968	ng	98
62) 4-Nitroaniline	10.45	138	110071	35.572	ng	99
63) Azobenzene	10.56	77	460970	42.536	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	75048	43.565	ng	90
66) n-Nitrosodiphenylamine	10.53	169	428708	40.398	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	160148	41.958	ng	98
68) Hexachlorobenzene	10.97	284	186287	40.870	ng	99
69) Atrazine	11.06	200	160422	50.874	ng	99
70) Pentachlorophenol	11.17	266	157369	104.114	ng	100
71) Phenanthrene	11.38	178	826688	45.286	ng	99
72) Anthracene	11.43	178	795206	43.787	ng	99
73) Carbazole	11.59	167	706341	44.899	ng	99
74) Di-n-butylphthalate	11.91	149	864911	41.210	ng	99
75) Fluoranthene	12.57	202	574409	30.958	ng	99
77) Benzidine	12.70	184	230962	53.863	ng	97
78) Pyrene	12.80	202	584061	38.692	ng	99
80) Butylbenzylphthalate	13.42	149	449496	65.021	ng	97
81) Benzo(a)anthracene	14.00	228	589237	45.883	ng	98
82) 3,3'-Dichlorobenzidine	13.96	252	167855	40.194	ng	97
83) Chrysene	14.04	228	567576	45.482	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	534128	56.904	ng	99
85) Di-n-octyl phthalate	14.59	149	752201	55.869	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	716242	71.291	ng	99
88) Benzo(b)fluoranthene	15.06	252	571867	37.318	ng	98
89) Benzo(k)fluoranthene	15.09	252	525373	35.917	ng	98
90) Benzo(a)pyrene	15.42	252	547380	43.588	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	609195	51.734	ng	100
92) Benzo(g,h,i)perylene	17.43	276	518414	46.464	ng	99

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

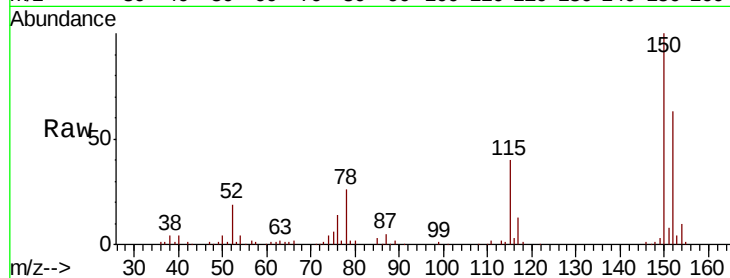


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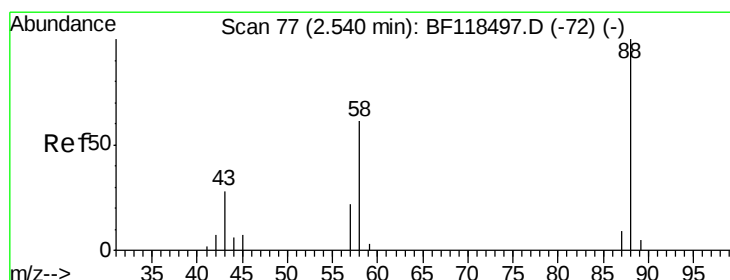
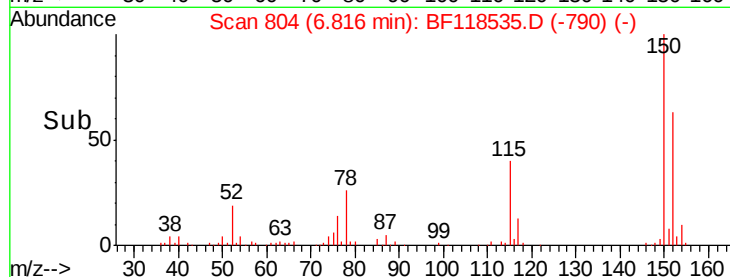
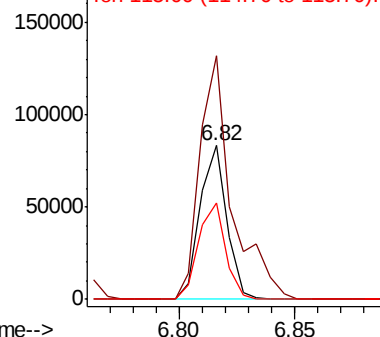
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66669
Ion Ratio Lower Upper
152 100
150 158.4 124.7 187.1
115 62.7 49.0 73.6



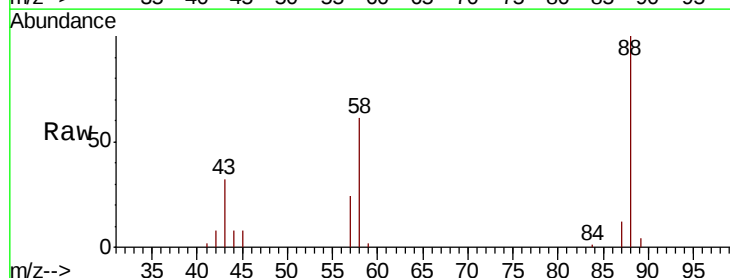
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



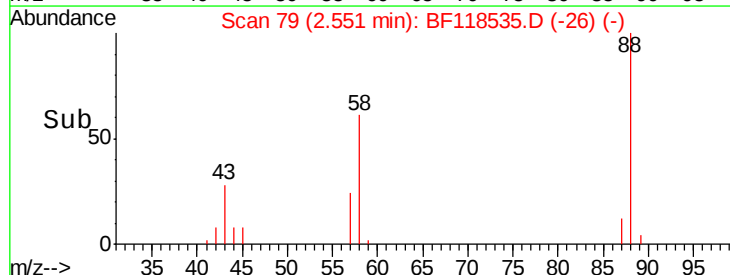
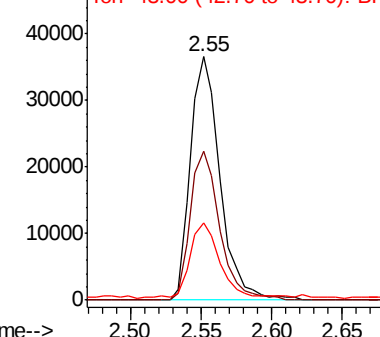
#2

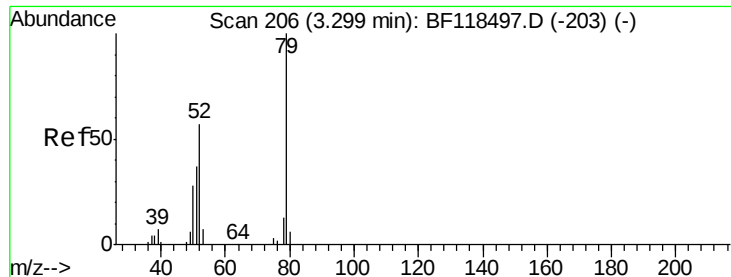
1,4-Dioxane
Concen: 39.585 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion: 88 Resp: 53299
Ion Ratio Lower Upper
88 100
58 61.0 48.3 72.5
43 31.3 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: 33.987 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.01 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

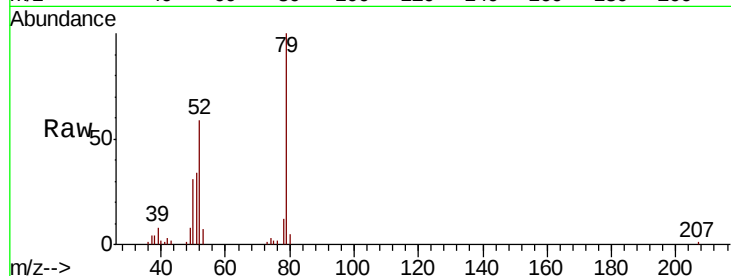
Tot Ion: 79 Resp: 123182

Ion Ratio Lower Upper

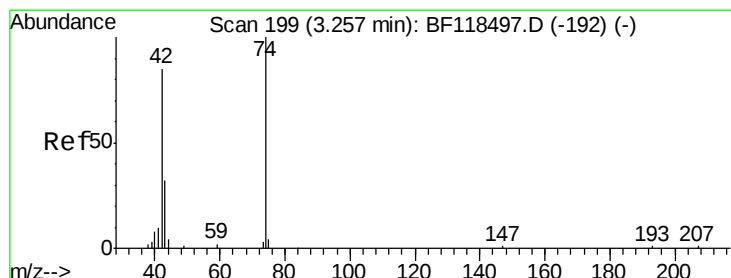
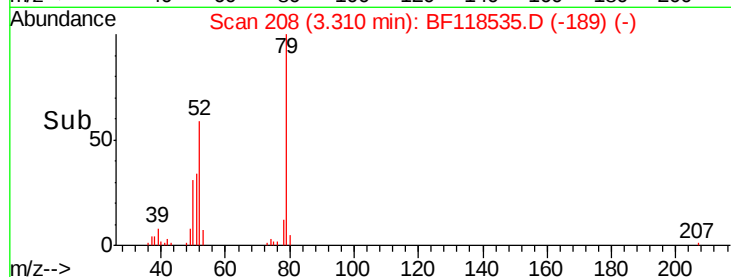
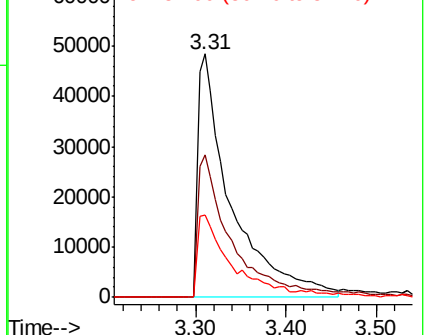
79 100

52 58.6 45.9 68.9

51 33.6 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: 43.238 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.01 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

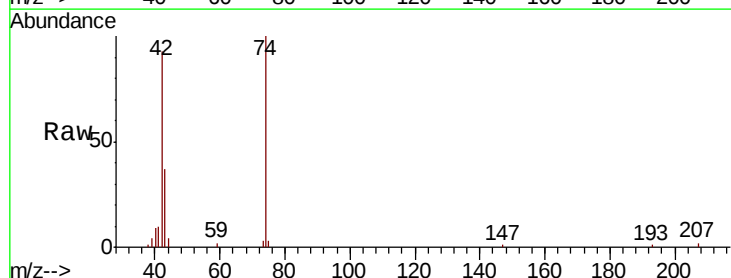
Tgt Ion: 42 Resp: 78529

Ion Ratio Lower Upper

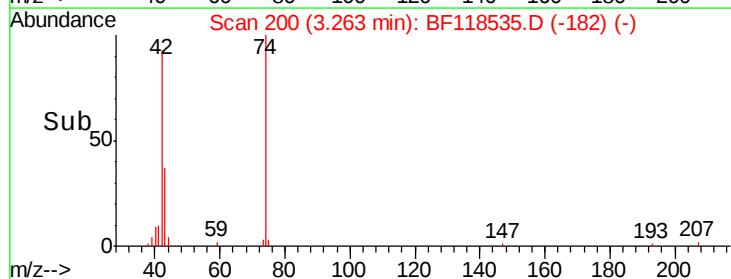
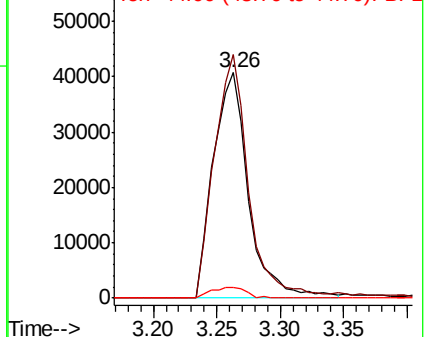
42 100

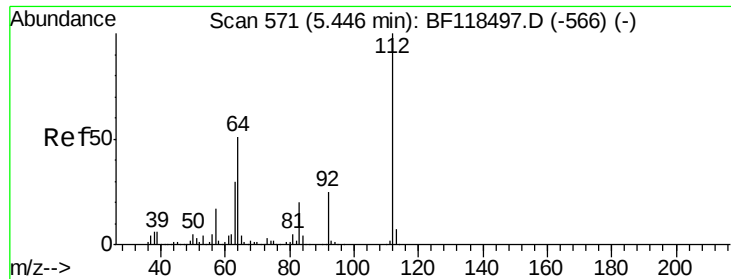
74 107.9 94.1 141.1

44 4.6 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: 90.485 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

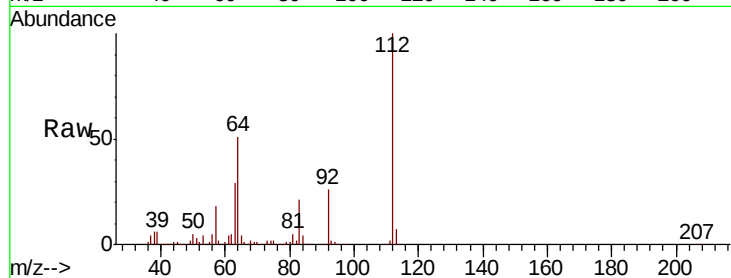
Tot Ion:112 Resp: 365442

Ion Ratio Lower Upper

112 100

64 50.7 41.1 61.7

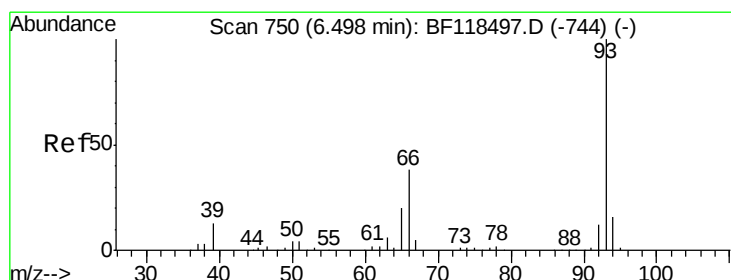
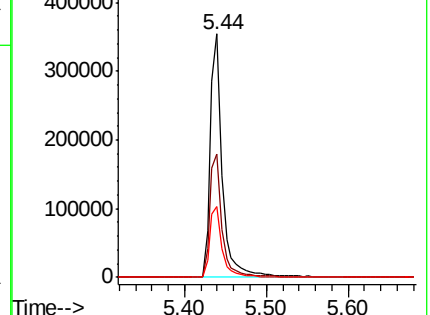
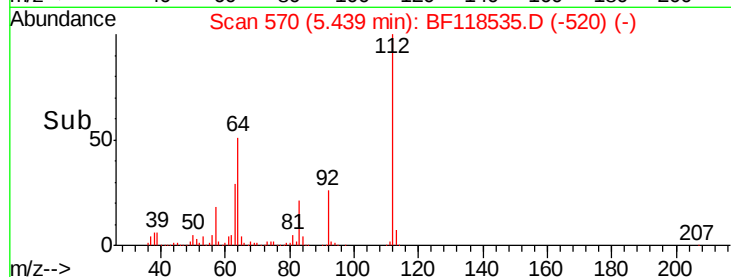
63 29.0 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.601 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

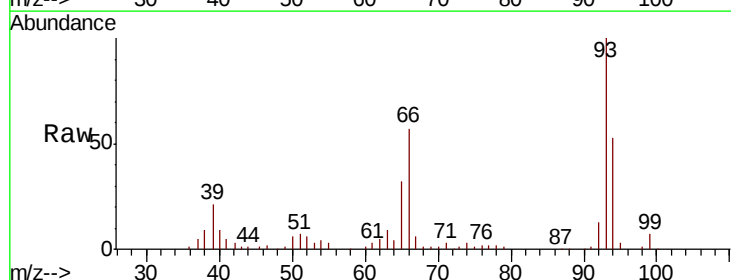
Tgt Ion: 93 Resp: 171710

Ion Ratio Lower Upper

93 100

66 57.1 33.4 50.0#

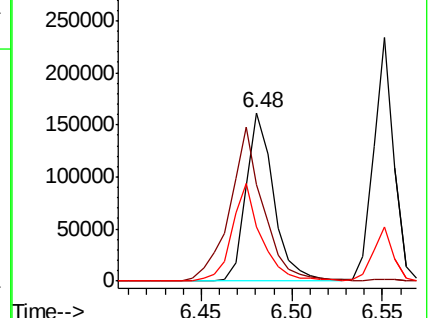
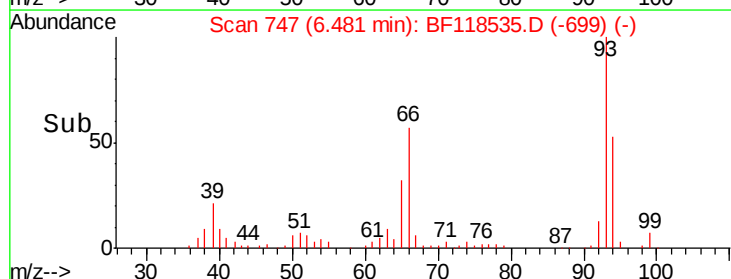
65 31.8 16.7 25.1#

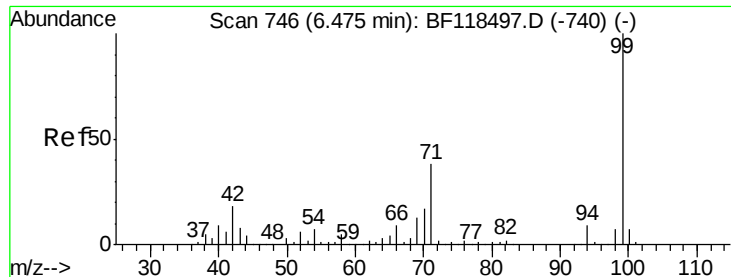


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.843 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

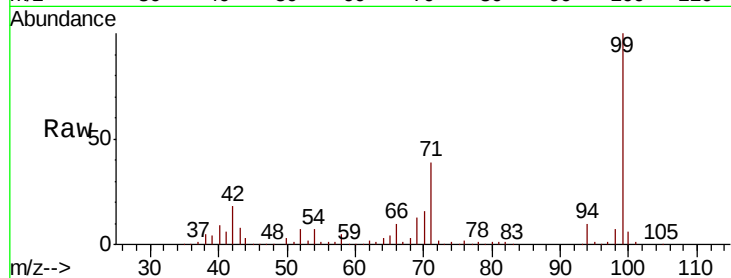
Tot Ion: 99 Resp: 486925

Ion Ratio Lower Upper

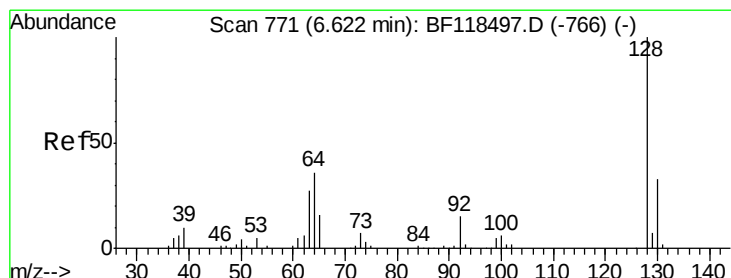
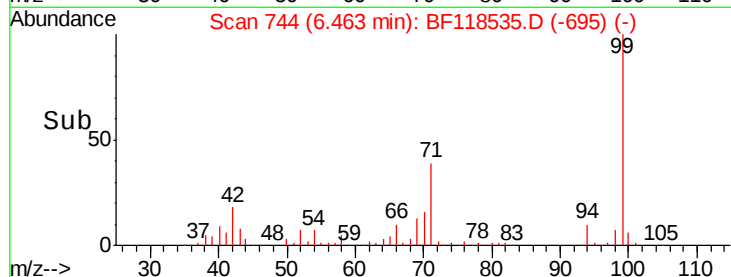
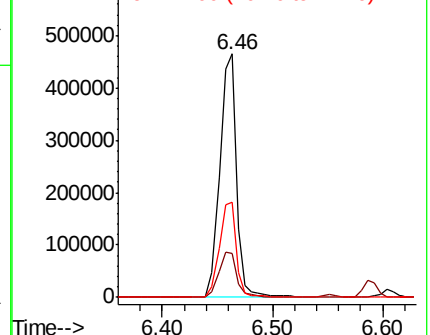
99 100

42 18.1 14.5 21.7

71 39.1 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: 47.619 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

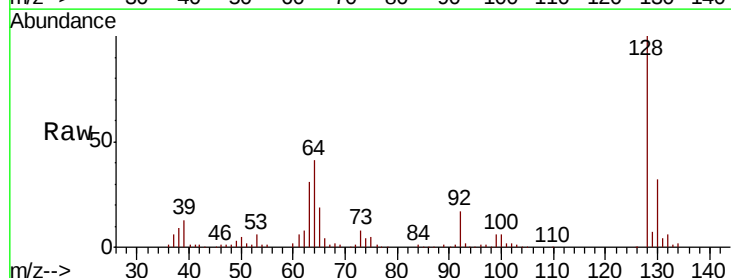
Tgt Ion: 128 Resp: 210271

Ion Ratio Lower Upper

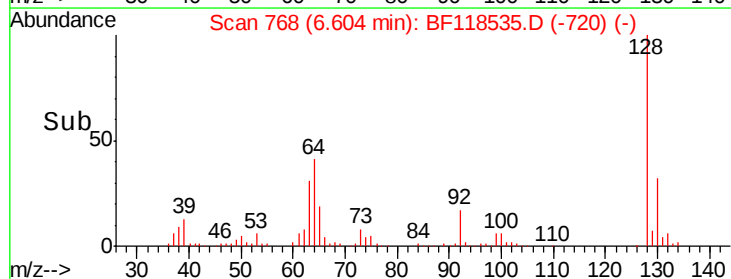
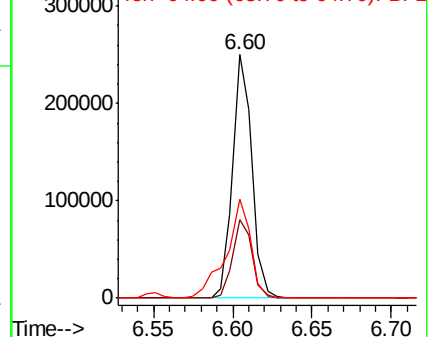
128 100

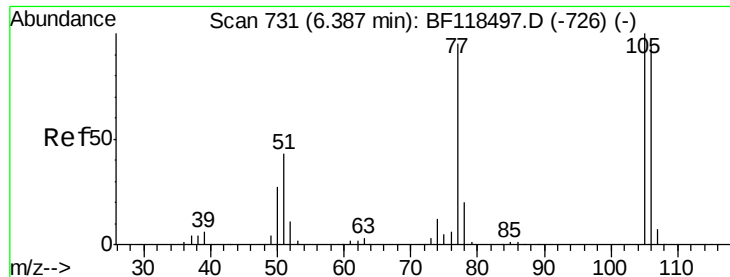
130 32.4 12.7 52.7

64 40.9 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: 39.189 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

ClientSampled :

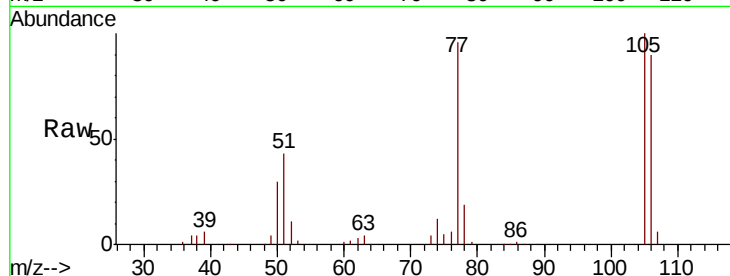
Tot Ion: 77 Resp: 105343

Ion Ratio Lower Upper

77 100

105 104.4 85.4 125.4

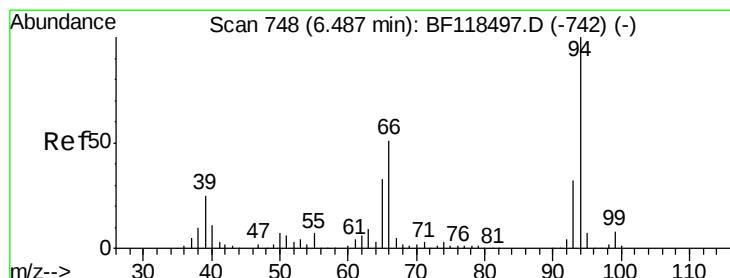
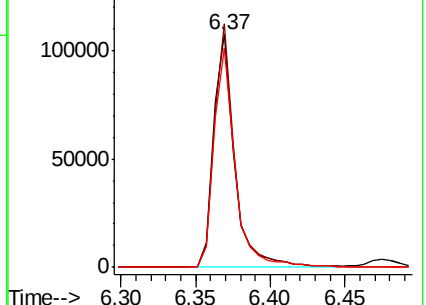
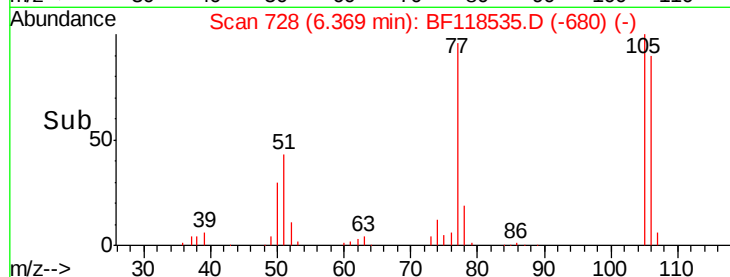
106 94.3 79.5 119.5



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: 46.372 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

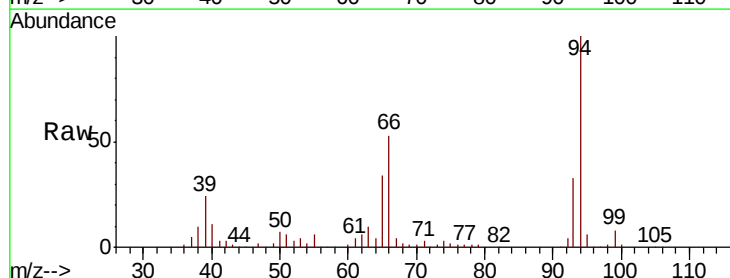
Tgt Ion: 94 Resp: 248109

Ion Ratio Lower Upper

94 100

65 33.6 13.3 53.3

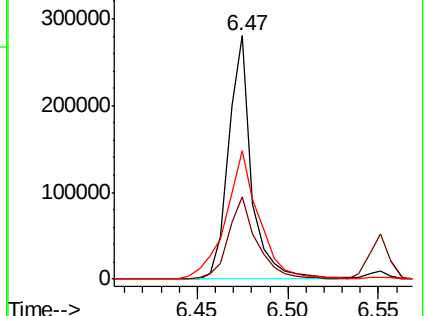
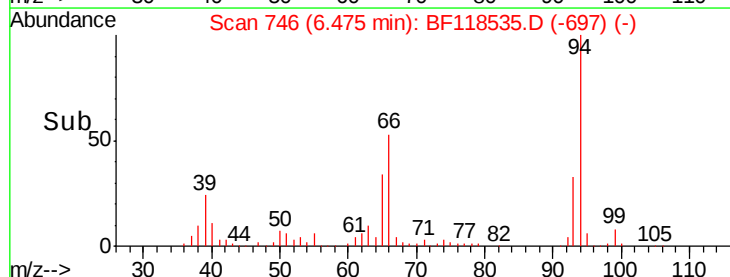
66 52.6 30.9 70.9

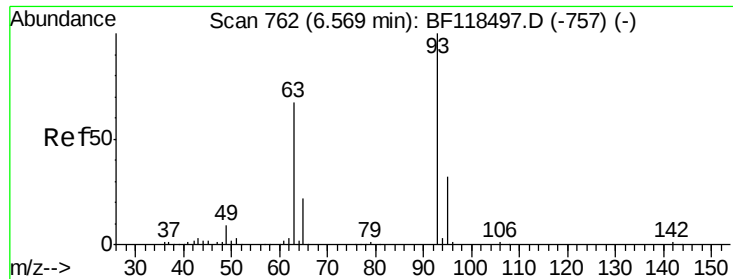


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

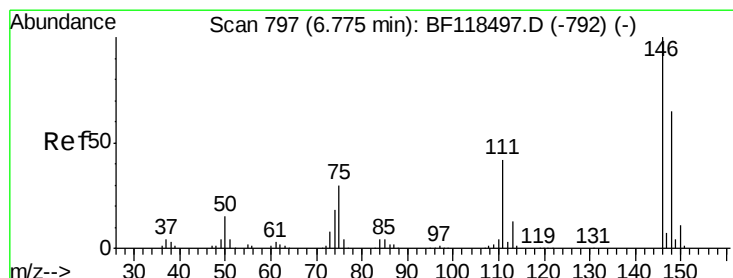
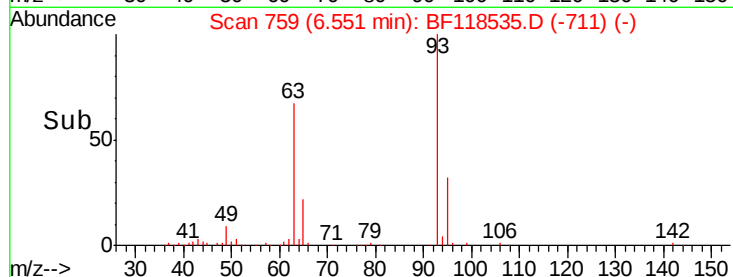
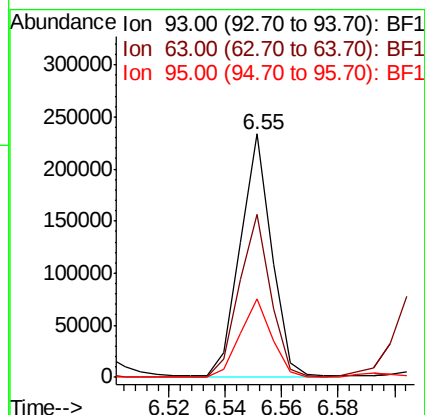
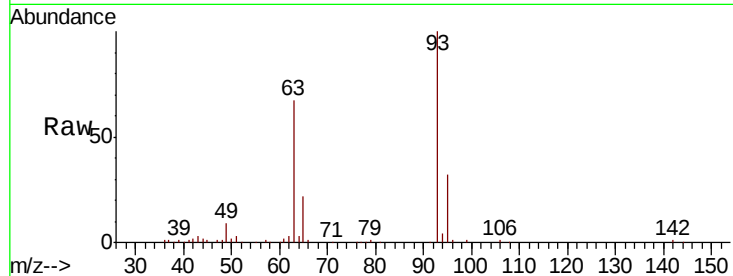




#11
bis(2-Chloroethyl)ether
Concen: 47.618 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

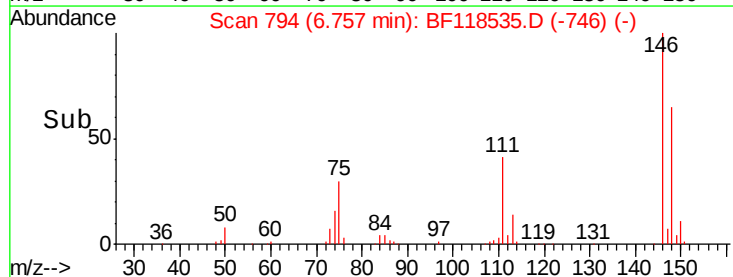
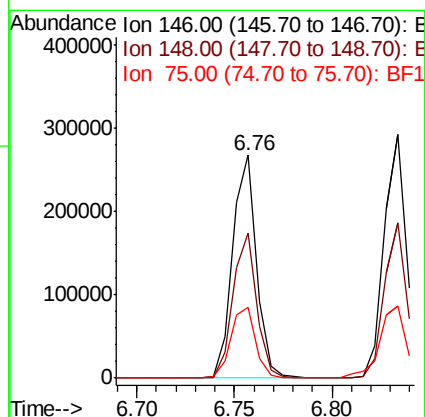
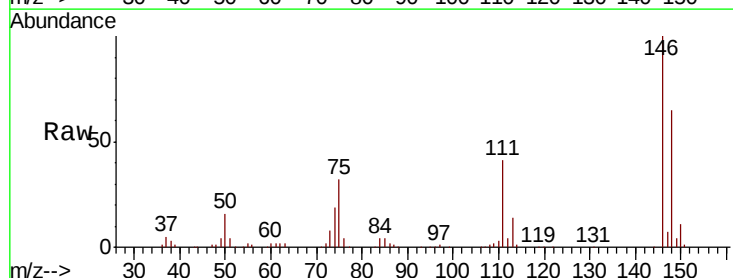
Instrument :
BNA_F
ClientSampleId :

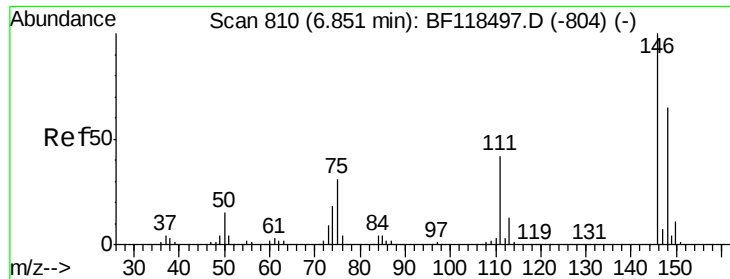
Tot Ion	93	Resp	181639
Ion	Ratio	Lower	Upper
93	100		
63	66.7	46.6	86.6
95	32.2	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 44.040 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	146	Resp	227333
Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.4	78.6
75	31.9	24.1	36.1

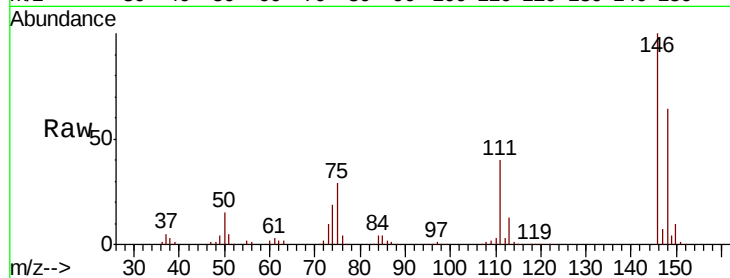




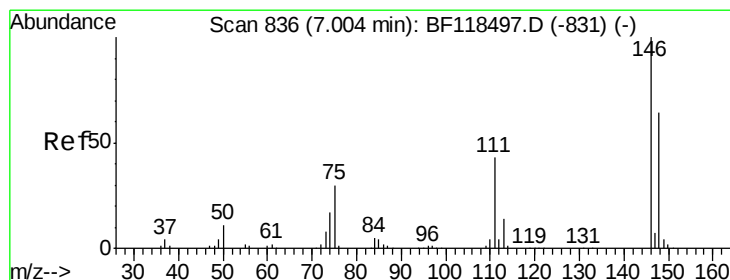
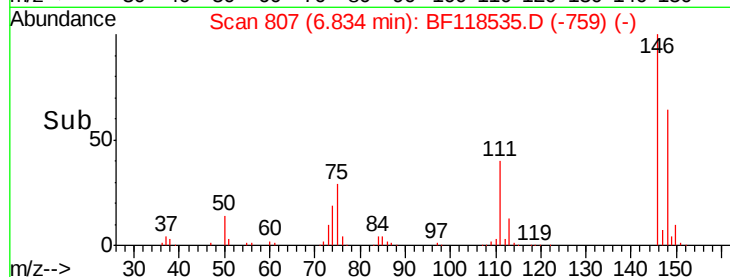
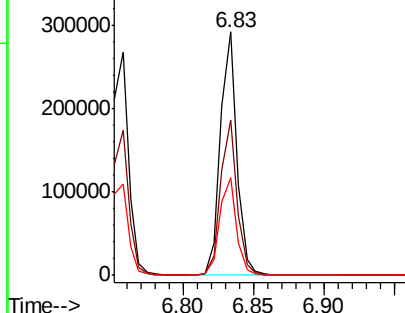
#13
 1,4-Dichlorobenzene
 Concen: 45.327 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 238738
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 40.0 33.2 49.8

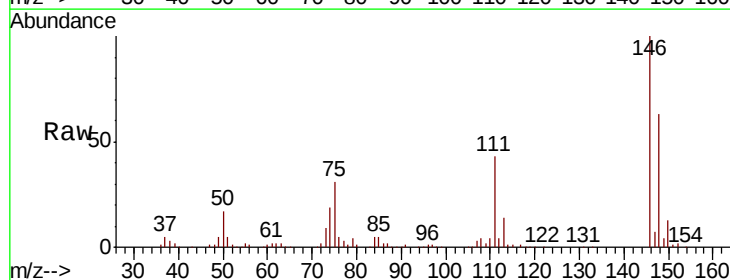


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

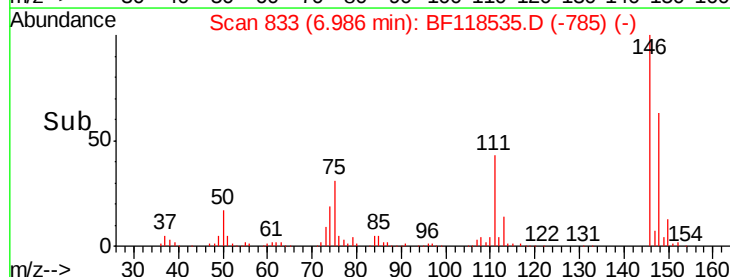
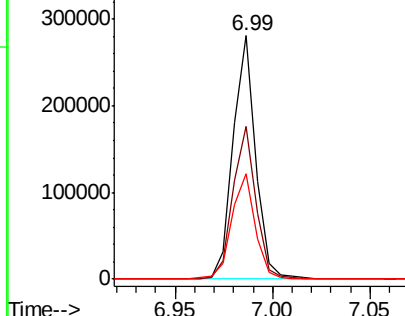


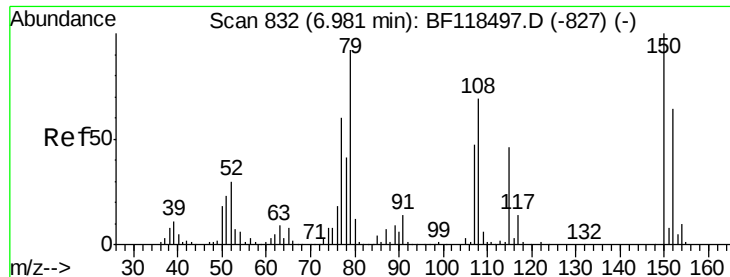
#14
 1,2-Dichlorobenzene
 Concen: 44.118 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Tgt Ion:146 Resp: 224546
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.3 76.9
 111 43.3 34.7 52.1



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





#15

Benzyl Alcohol

Concen: 46.530 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

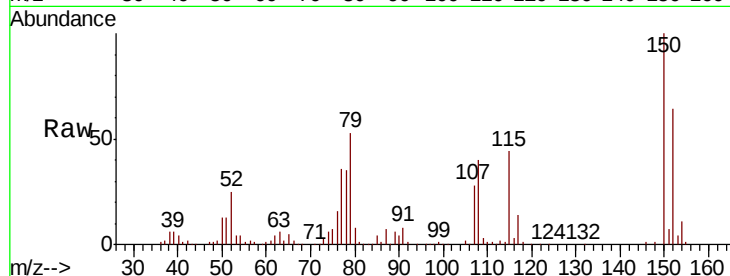
Tot Ion: 79 Resp: 182246

Ion Ratio Lower Upper

79 100

108 76.5 60.2 90.2

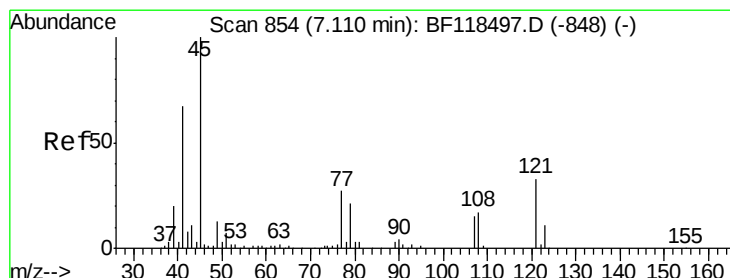
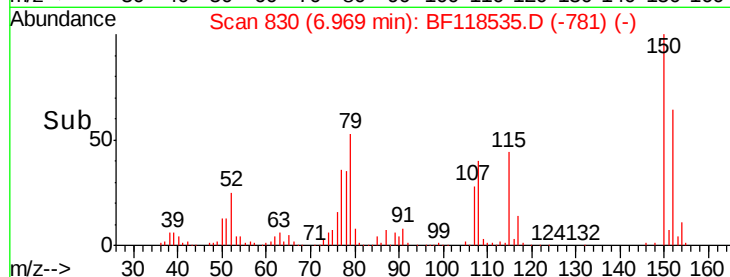
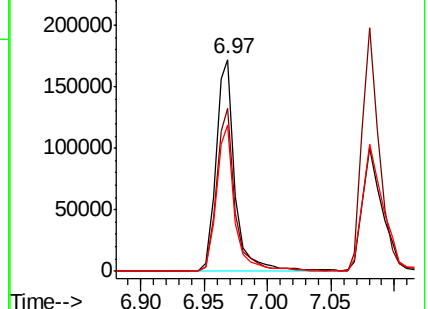
77 68.8 51.8 77.8



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: 42.914 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

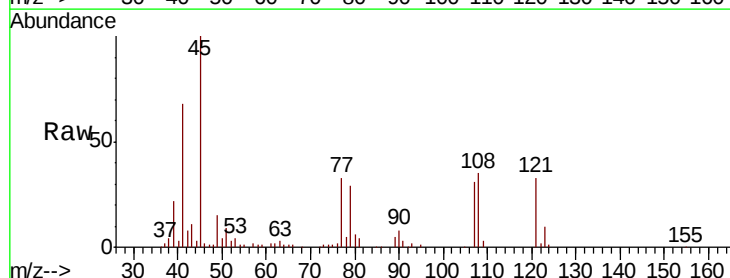
Tgt Ion: 45 Resp: 181591

Ion Ratio Lower Upper

45 100

77 32.9 7.6 47.6

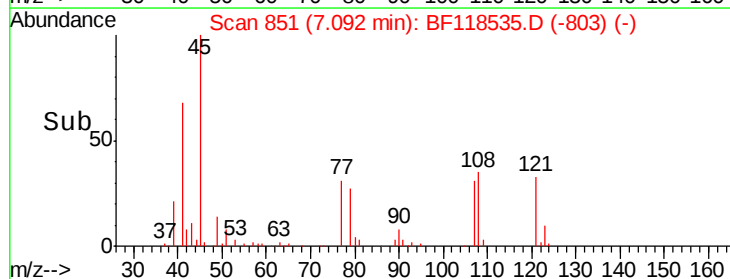
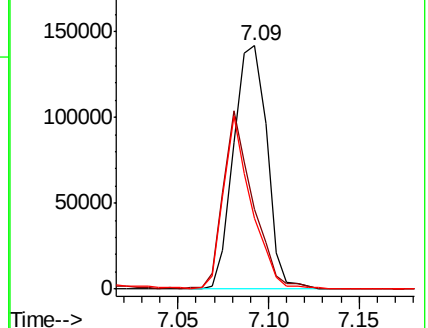
79 28.9 2.0 42.0

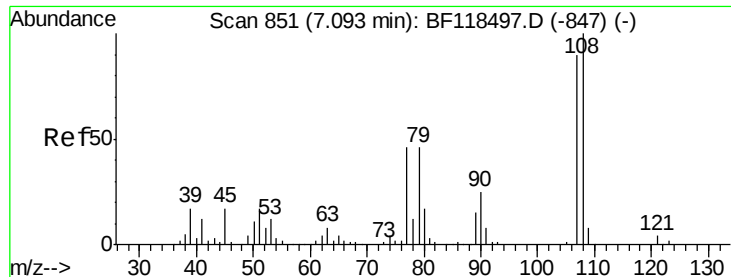


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

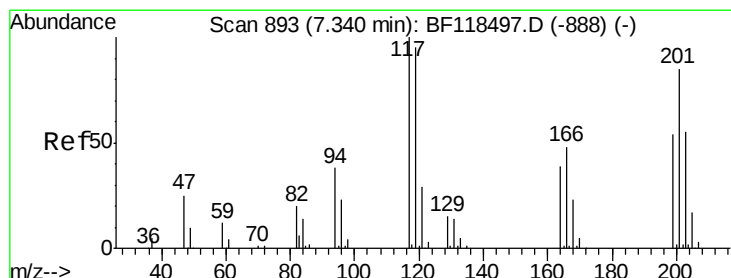
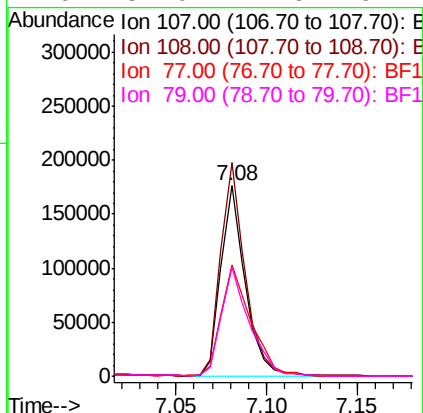
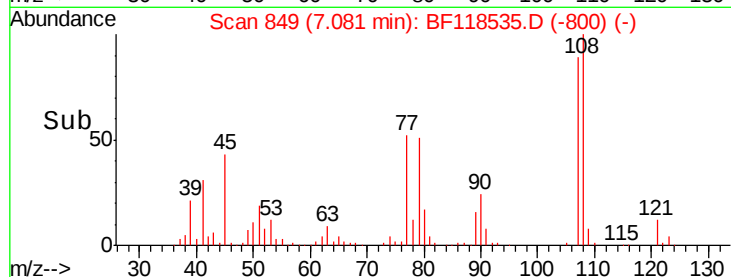
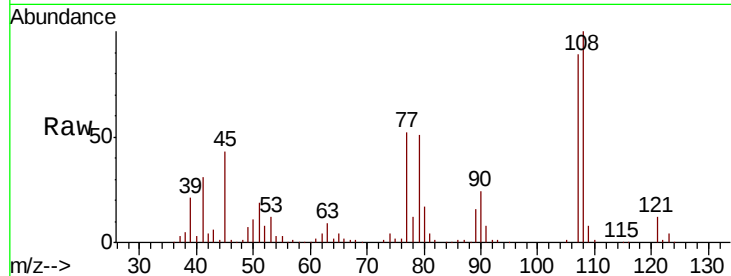




#17
2-Methylphenol
Concen: 45.424 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

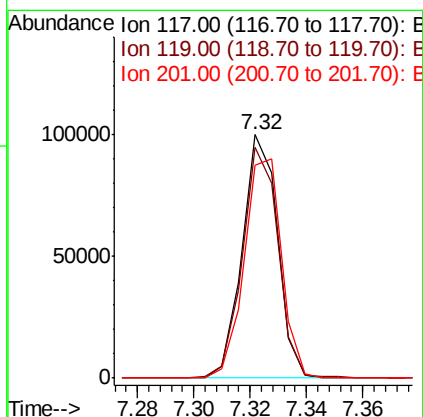
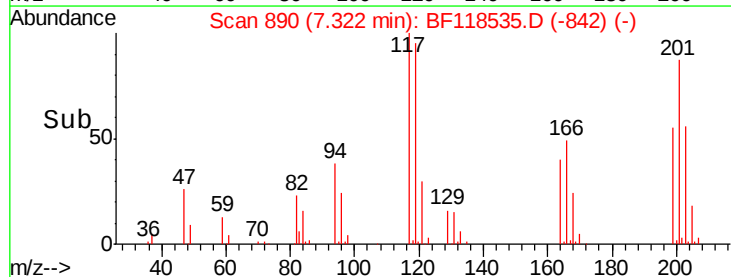
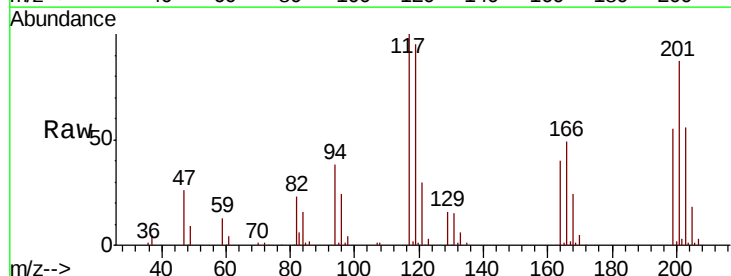
Instrument :
BNA_F
ClientSampleId :

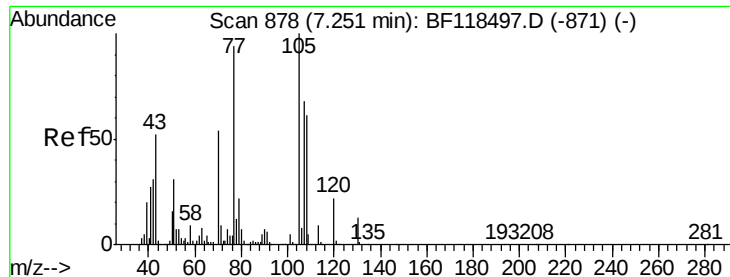
Tot Ion:	107	Resp:	164844
Ion	Ratio	Lower	Upper
107	100		
108	112.0	88.9	133.3
77	58.7	41.2	61.8
79	57.0	41.6	62.4



#18
Hexachloroethane
Concen: 43.416 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion:	117	Resp:	86644
Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.2	114.4
201	87.3	67.7	101.5

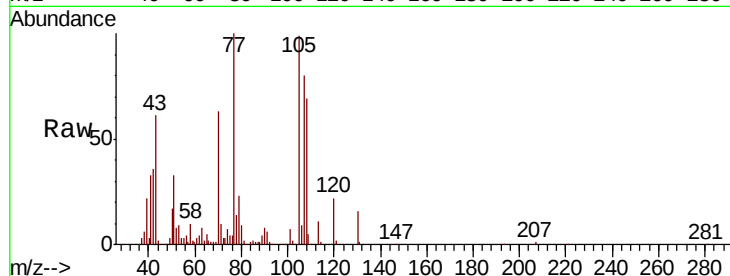




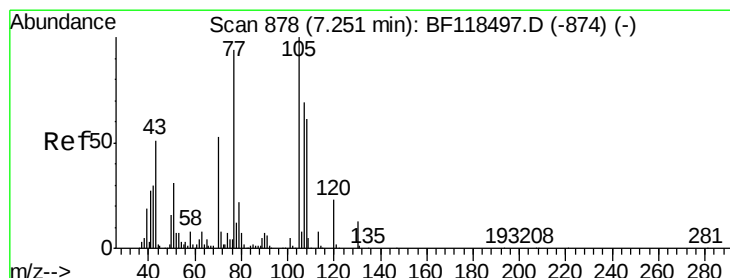
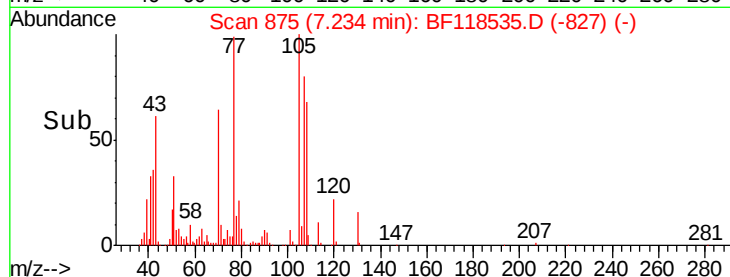
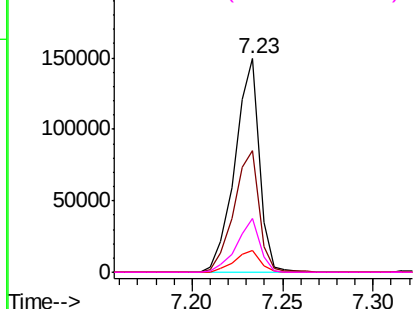
#19
n-Nitroso-di-n-propylamine
Concen: 45.067 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	140157
Ion	Ratio	Lower	Upper
70	100		
42	56.7	45.6	68.4
101	10.3	8.2	12.2
130	24.9	19.2	28.8



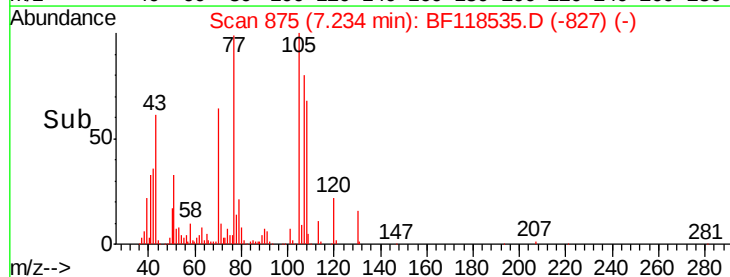
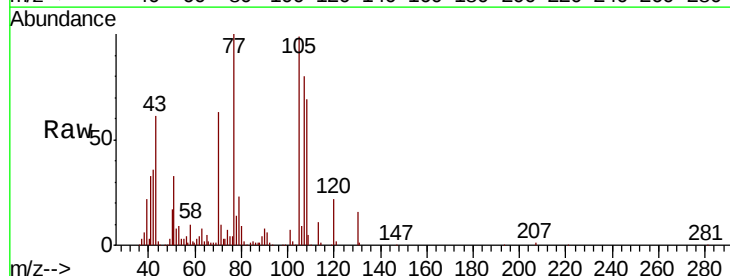
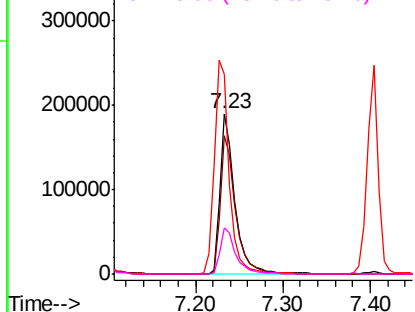
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

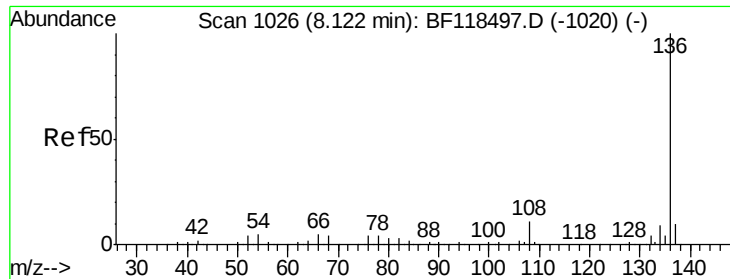


#20
3+4-Methylphenols
Concen: 45.068 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion:	107	Resp:	221853
Ion	Ratio	Lower	Upper
107	100		
108	86.4	68.9	108.9
77	124.5	116.8	156.8
79	28.9	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

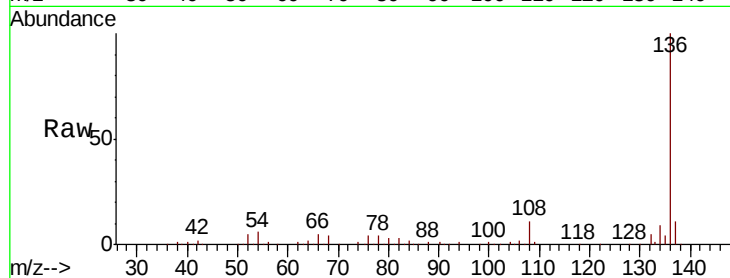




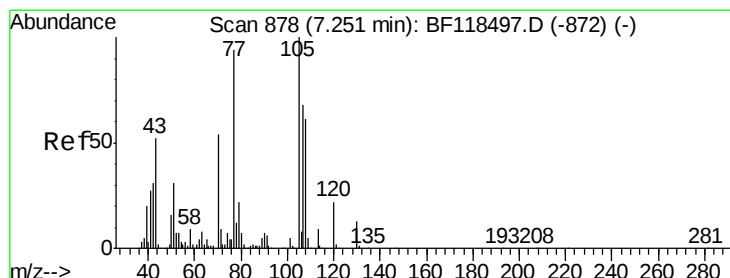
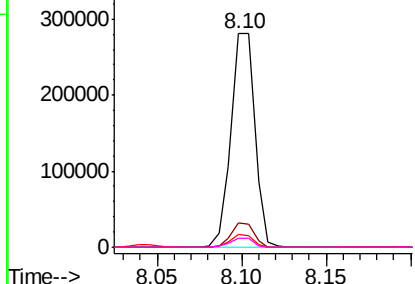
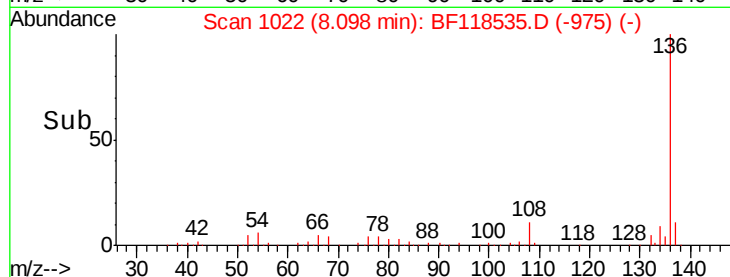
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	276591
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.3 12.5
54	6.2	4.2 6.2
68	4.0	3.3 4.9

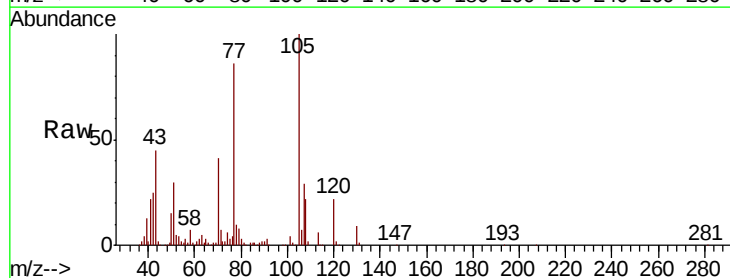


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

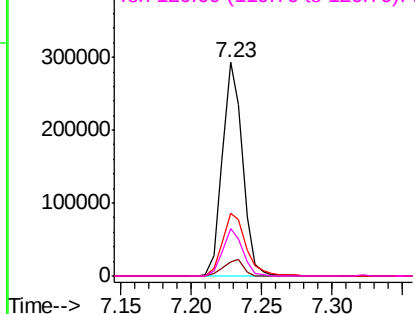
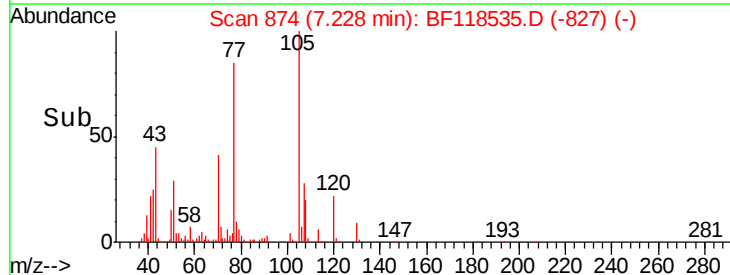


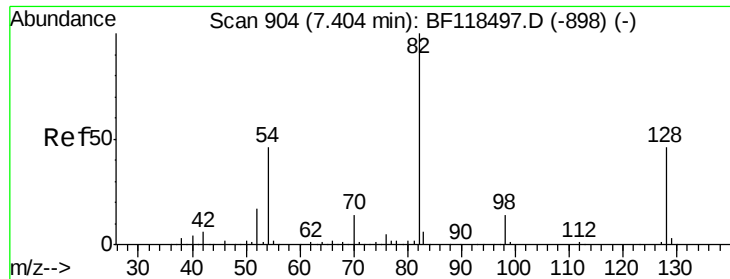
#22
Acetophenone
Concen: 41.547 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion:105	Resp:	291287
Ion Ratio	Lower	Upper
105	100	
71	6.7	6.9 10.3#
51	29.6	25.0 37.4
120	22.3	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

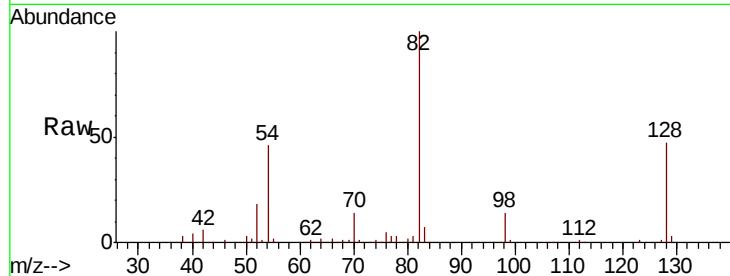




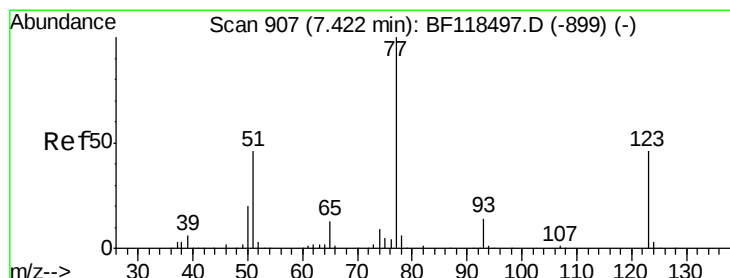
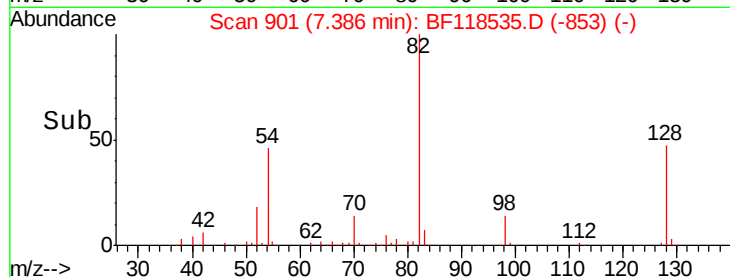
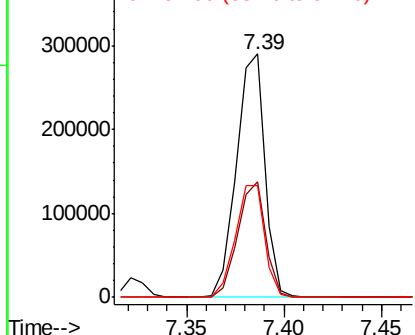
#23
Nitrobenzene-d5
Concen: 55.715 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	293355
Ion Ratio	100	Lower	Upper
128	47.3	36.6	54.8
54	46.0	37.0	55.6

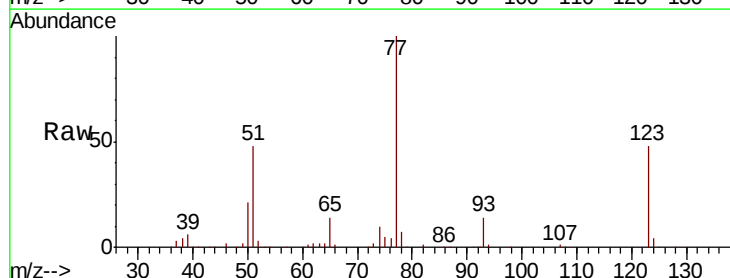


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

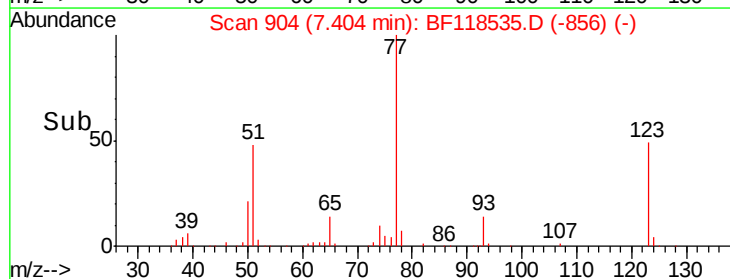
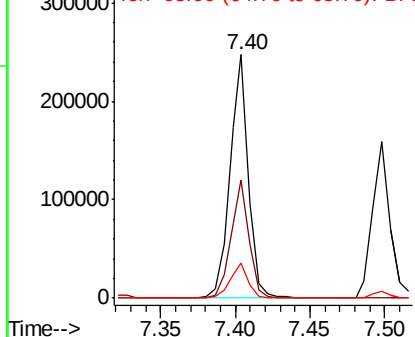


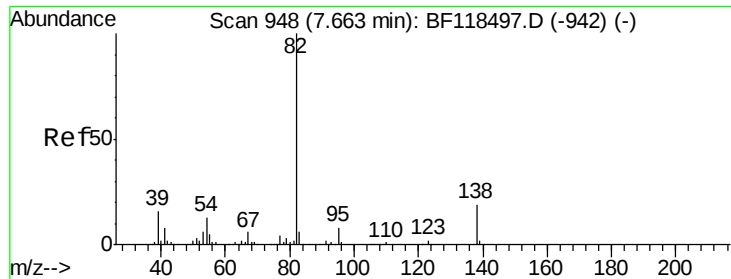
#24
Nitrobenzene
Concen: 41.201 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	77	Resp	215709
Ion Ratio	100	Lower	Upper
123	48.5	37.0	55.4
65	14.3	10.7	16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.749 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

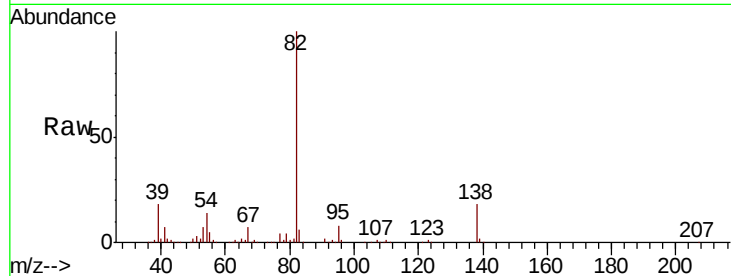
Tot Ion: 82 Resp: 385898

Ion Ratio Lower Upper

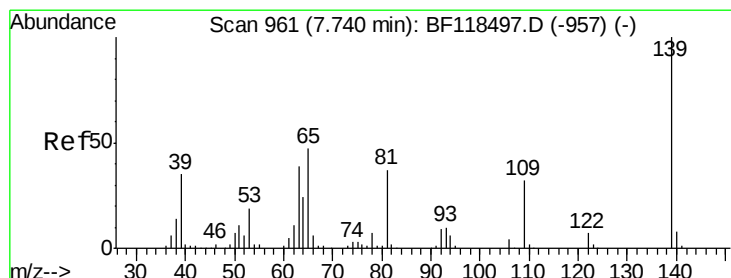
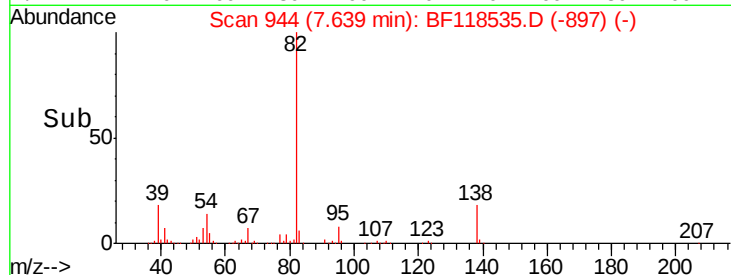
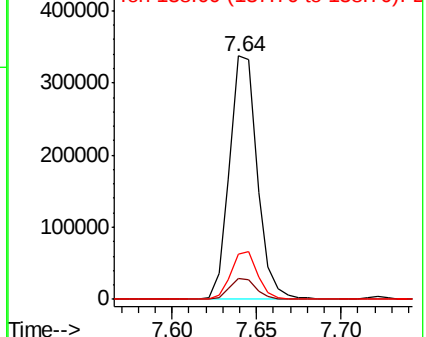
82 100

95 8.4 6.6 9.8

138 18.4 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: 45.758 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

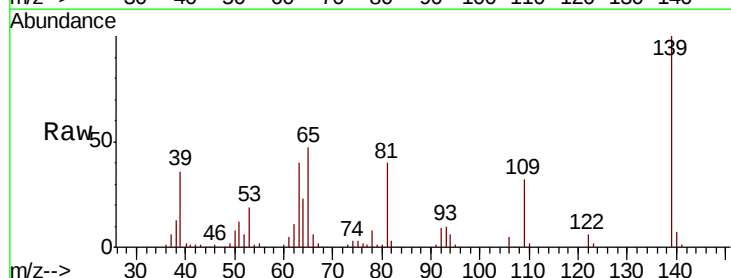
Tgt Ion: 139 Resp: 118283

Ion Ratio Lower Upper

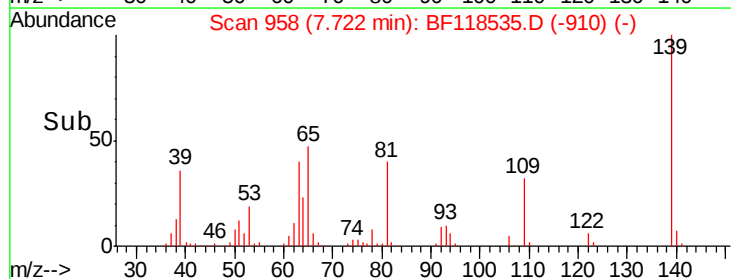
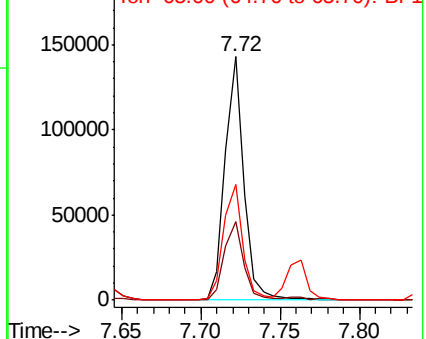
139 100

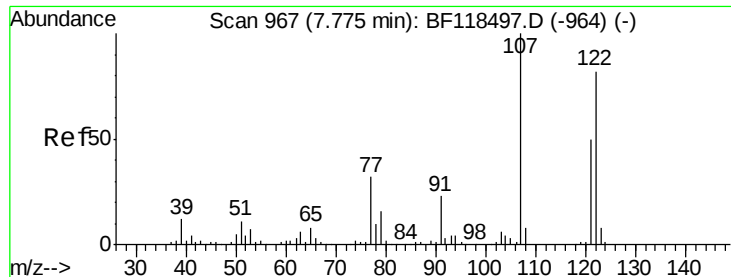
109 32.4 25.7 38.5

65 47.3 37.8 56.6



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





#27

2,4-Dimethylphenol

Concen: 53.609 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

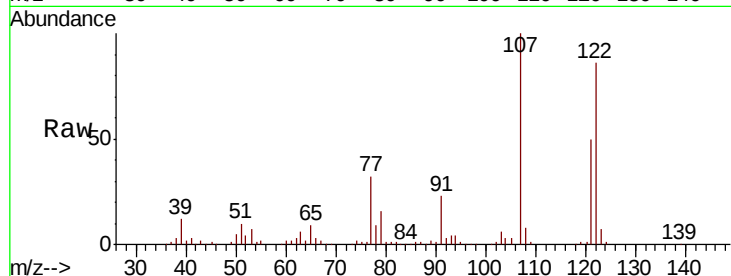
Tot Ion:122 Resp: 186360

Ion Ratio Lower Upper

122 100

107 115.9 97.9 146.9

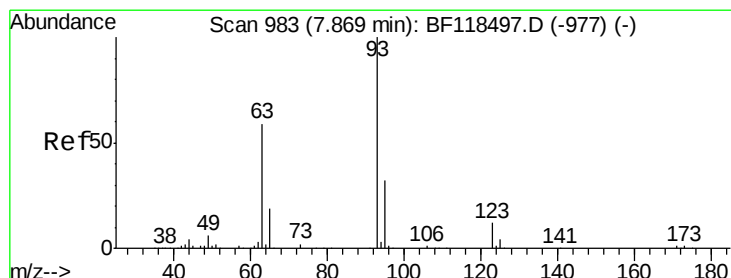
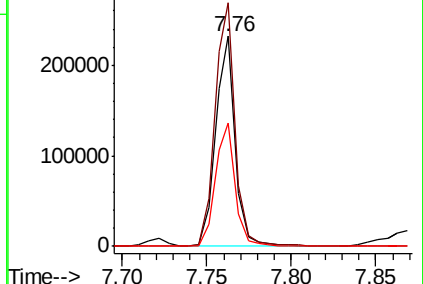
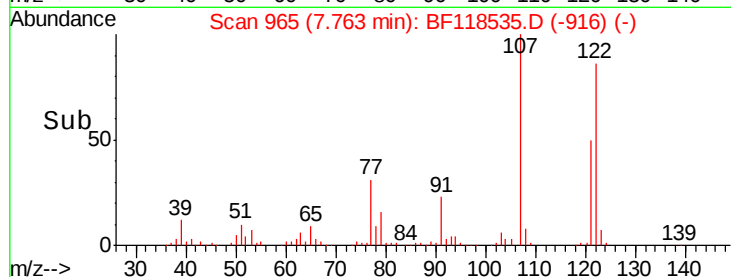
121 58.5 49.0 73.4



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: 41.621 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

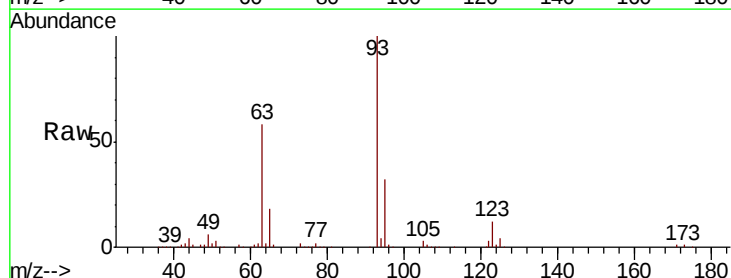
Tgt Ion: 93 Resp: 230813

Ion Ratio Lower Upper

93 100

95 32.2 25.9 38.9

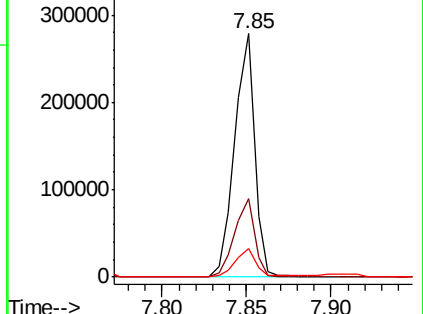
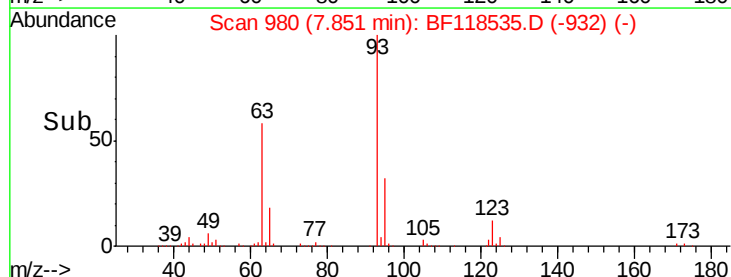
123 11.9 9.7 14.5

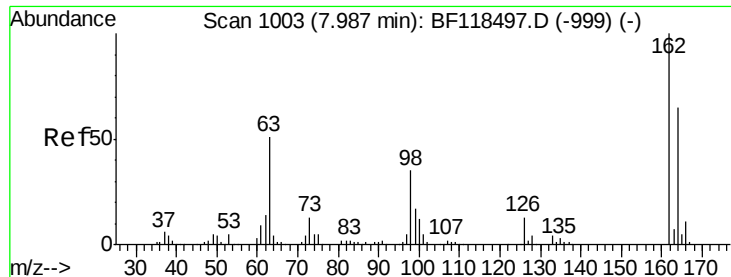


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

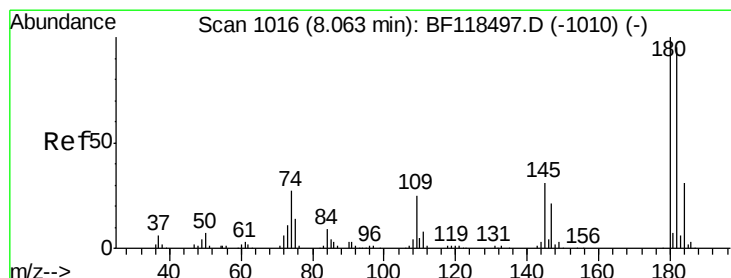
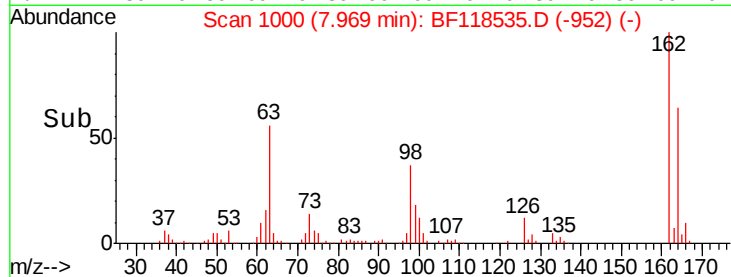
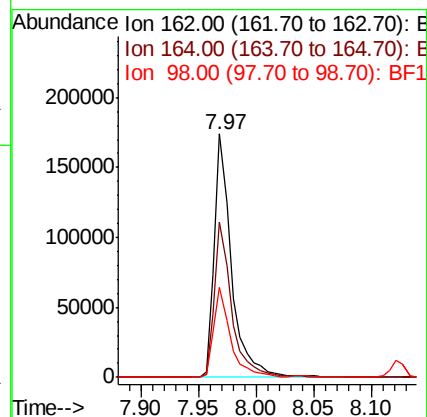
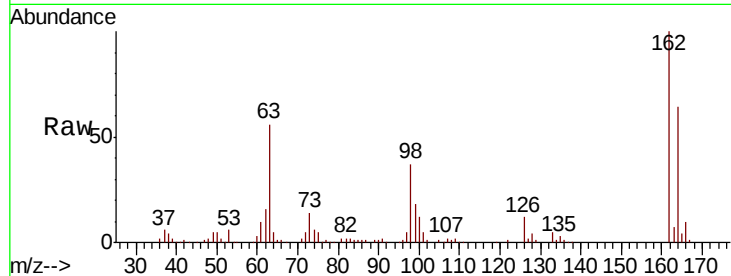




#29
 2,4-Dichlorophenol
 Concen: 44.575 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.02 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

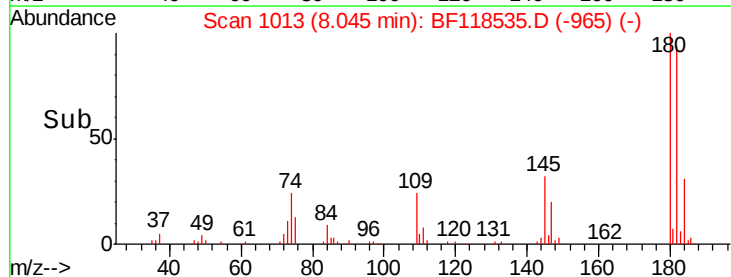
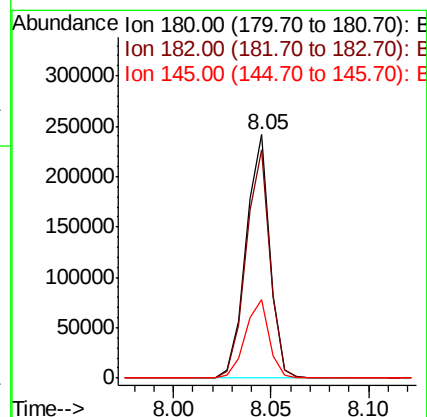
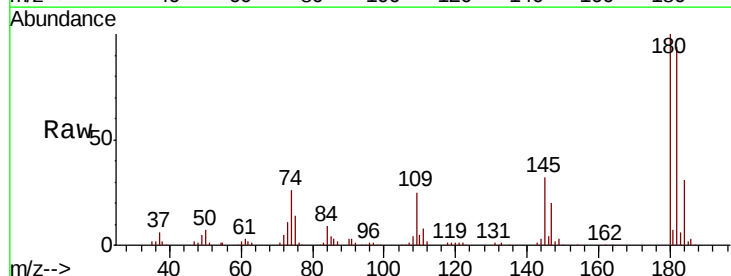
Instrument :
 BNA_F
 ClientSampleId :

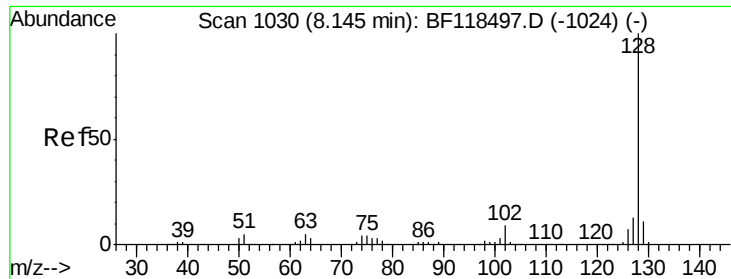
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.8	84.8
98	37.0	15.1	55.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.167 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.8	113.6
145	32.5	25.0	37.6

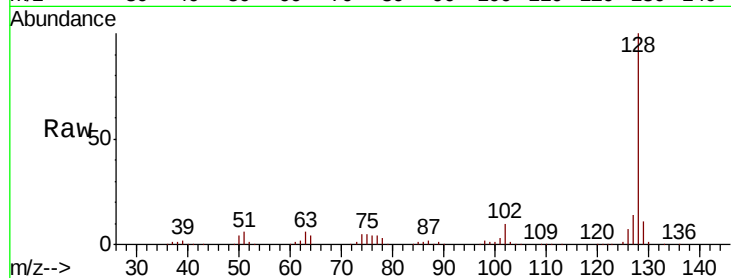




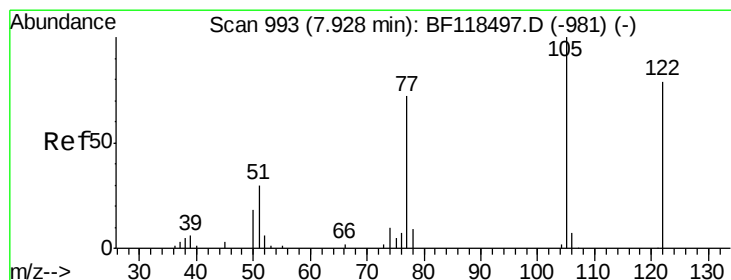
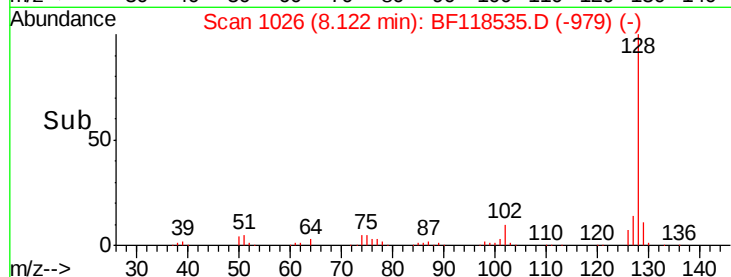
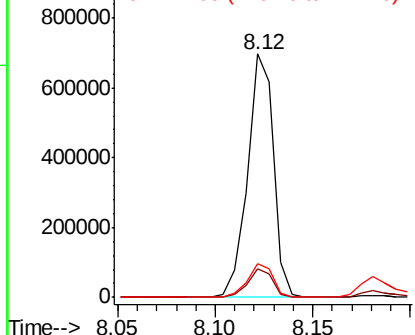
#31
Naphthalene
Concen: 44.262 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 640380
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 13.7 10.7 16.1

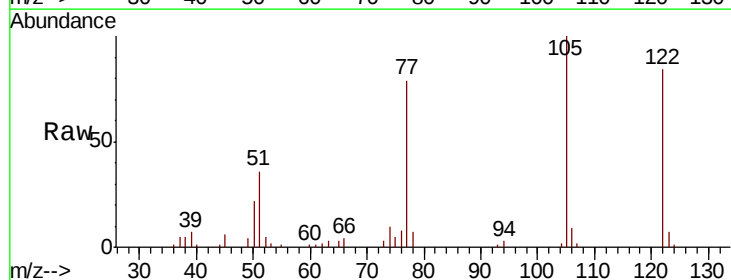


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

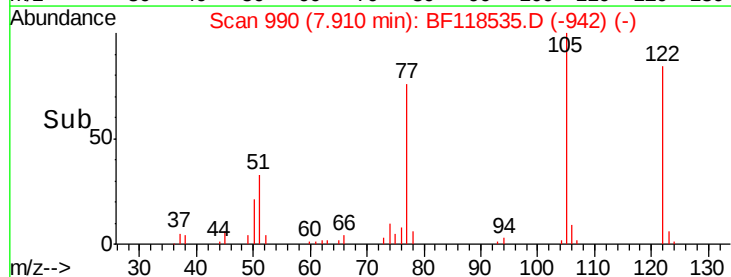
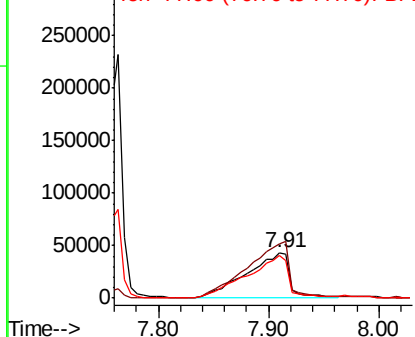


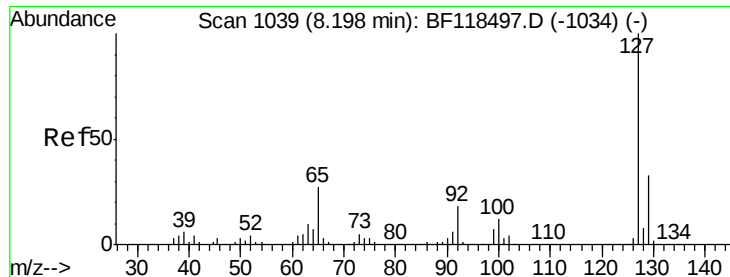
#32
Benzoic acid
Concen: 48.027 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion:122 Resp: 114987
Ion Ratio Lower Upper
122 100
105 118.4 105.7 145.7
77 94.0 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

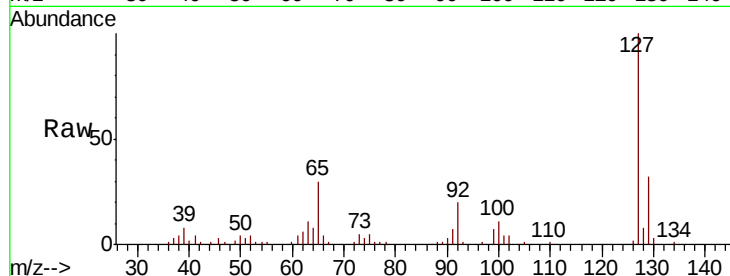




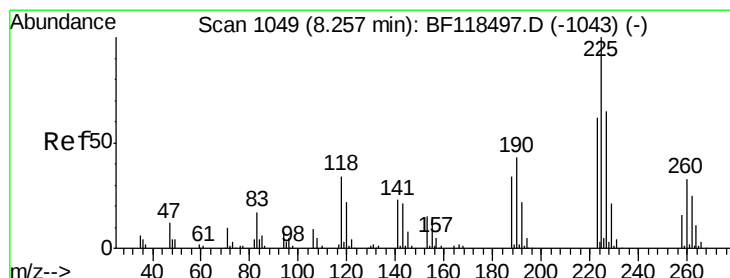
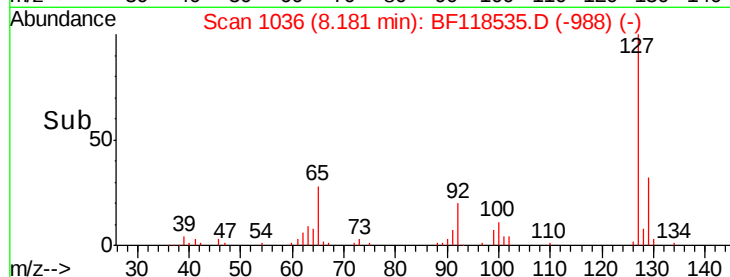
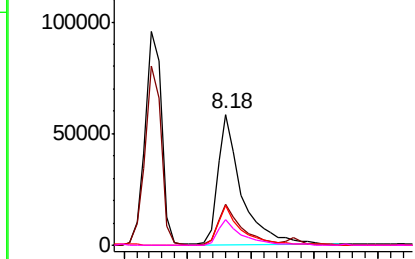
#33
4-Chloroaniline
Concen: 12.911 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	76904
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.4
65	30.3	21.6	32.4
92	20.1	14.3	21.5

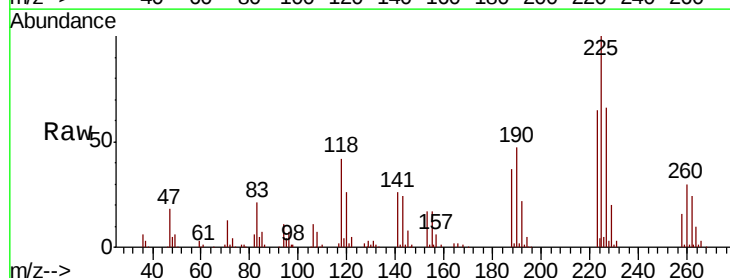


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

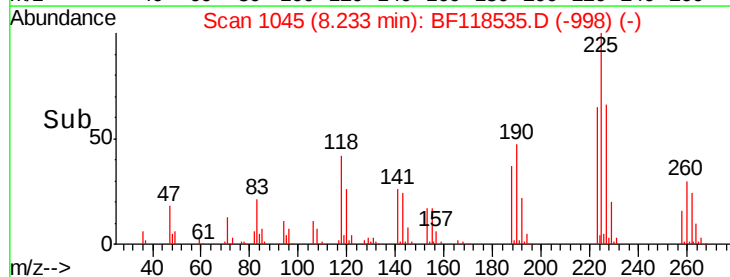
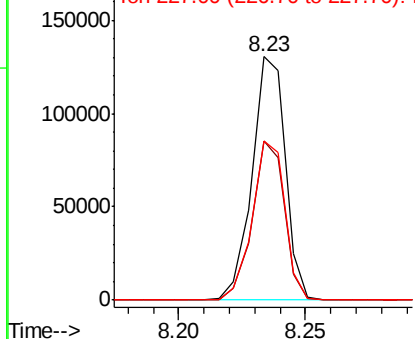


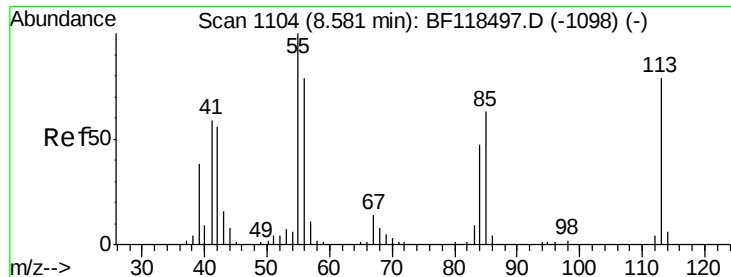
#34
Hexachlorobutadiene
Concen: 41.307 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion:	225	Resp:	119534
Ion	Ratio	Lower	Upper
225	100		
223	65.1	49.9	74.9
227	65.5	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

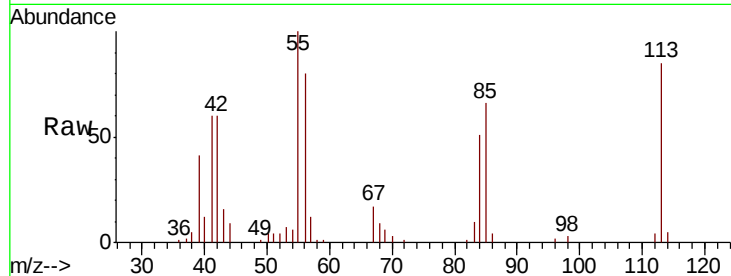




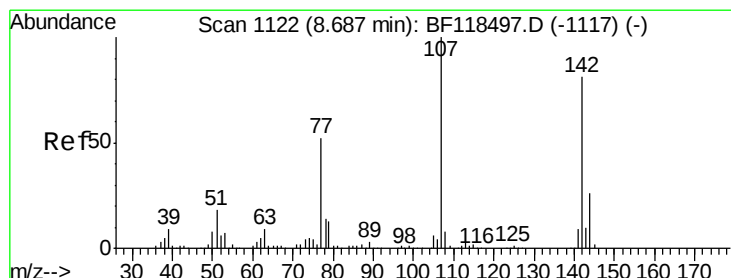
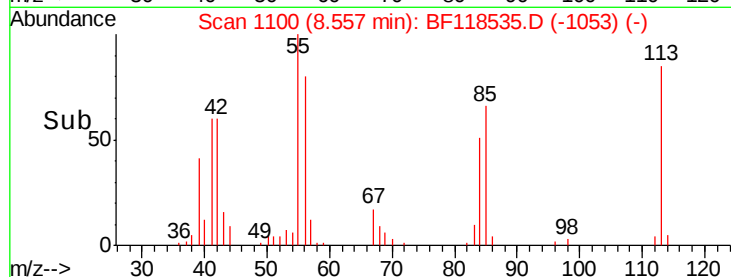
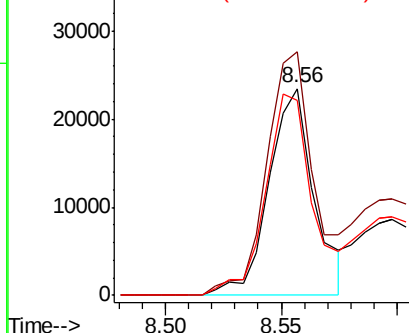
#35
Caprolactam
Concen: 25.920 ng
RT: 8.56 min Scan# 1100
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 31691
Ion Ratio Lower Upper
113 100
55 117.7 106.5 146.5
56 94.5 80.1 120.1

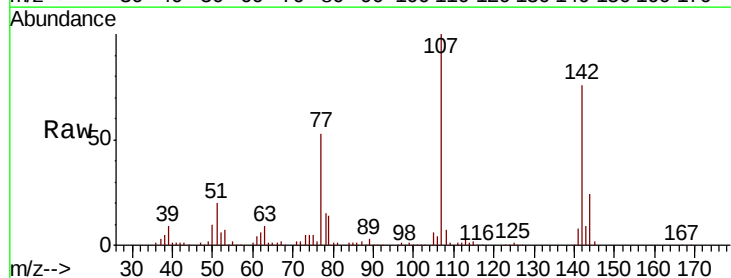


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

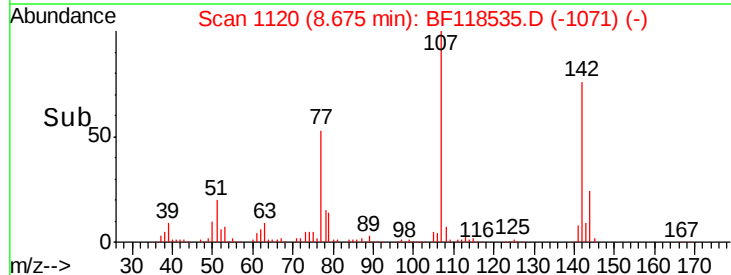
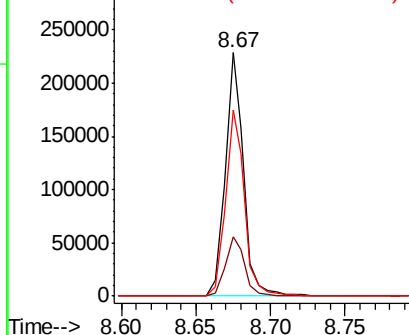


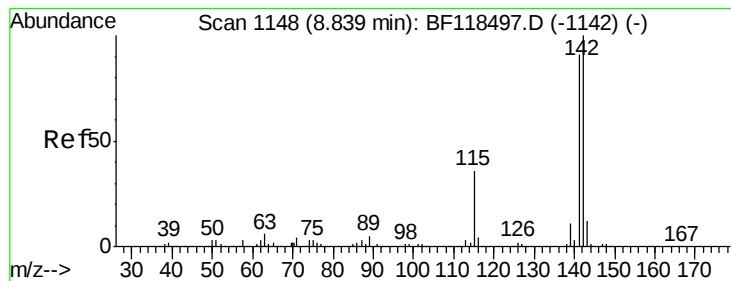
#36
4-Chloro-3-methylphenol
Concen: 45.386 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion:107 Resp: 198045
Ion Ratio Lower Upper
107 100
144 24.2 20.6 31.0
142 76.3 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

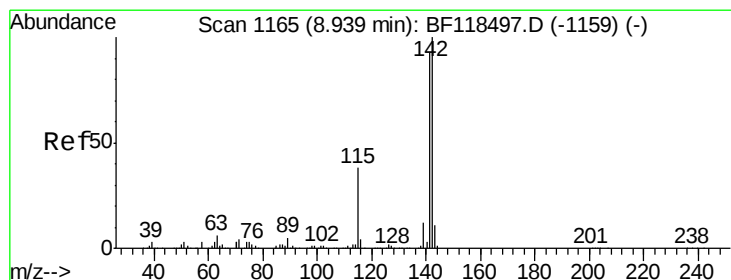
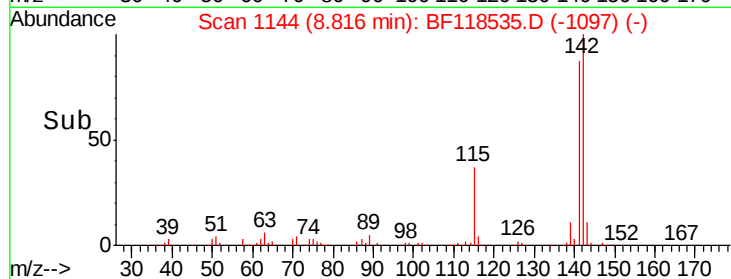
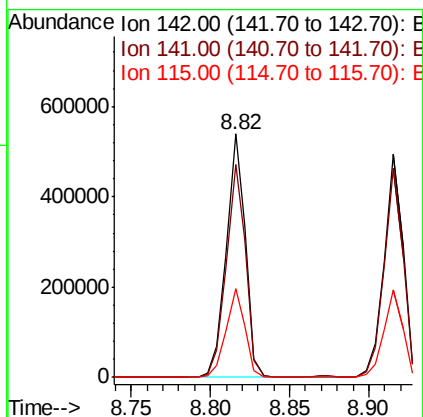
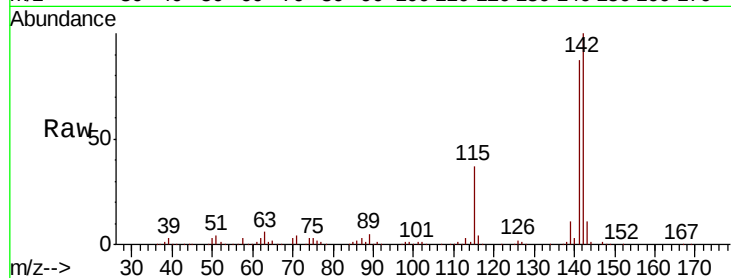




#37
2-Methylnaphthalene
Concen: 45.072 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

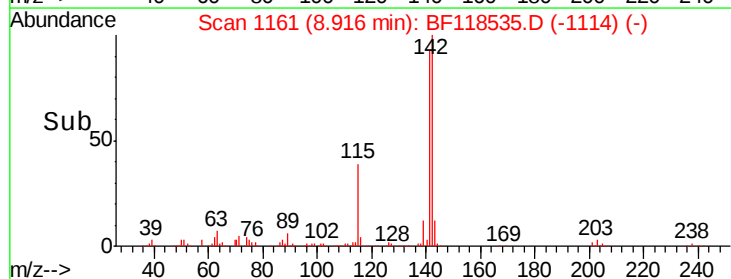
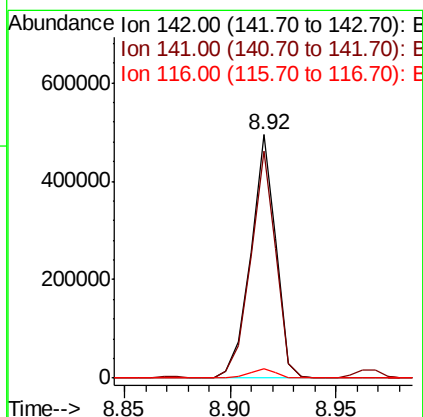
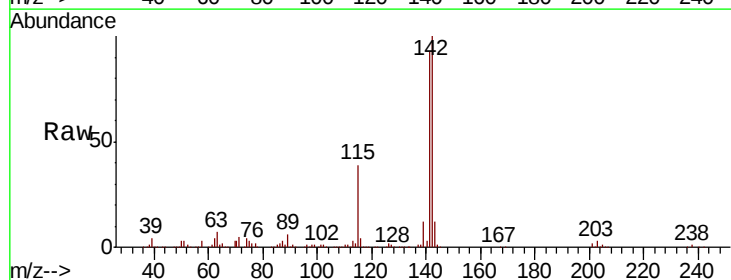
Instrument :
BNA_F
ClientSampleId :

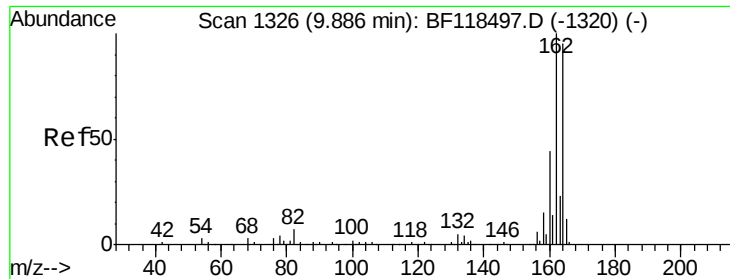
Tot Ion:142 Resp: 447544
Ion Ratio Lower Upper
142 100
141 87.4 73.0 109.6
115 36.6 28.4 42.6



#38
1-Methylnaphthalene
Concen: 43.795 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion:142 Resp: 408296
Ion Ratio Lower Upper
142 100
141 93.4 74.3 111.5
116 4.1 3.2 4.8

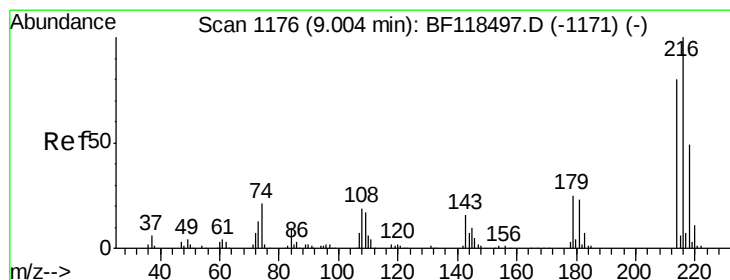
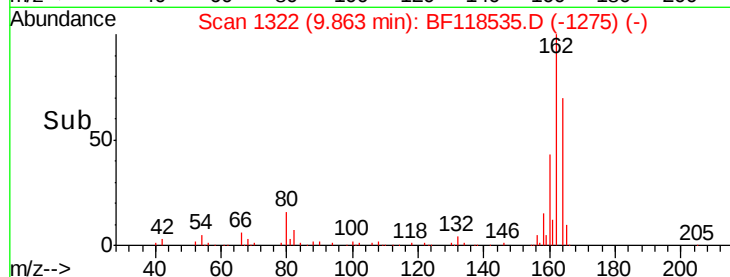
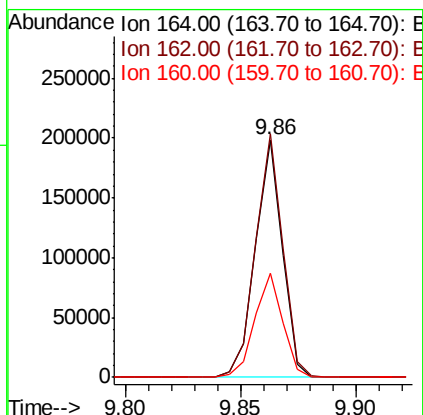
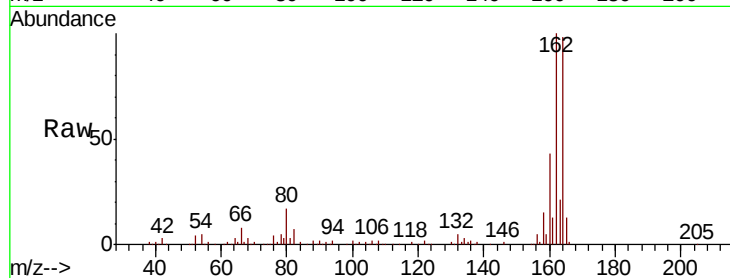




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

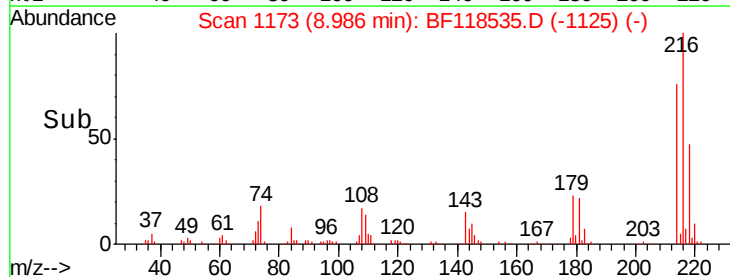
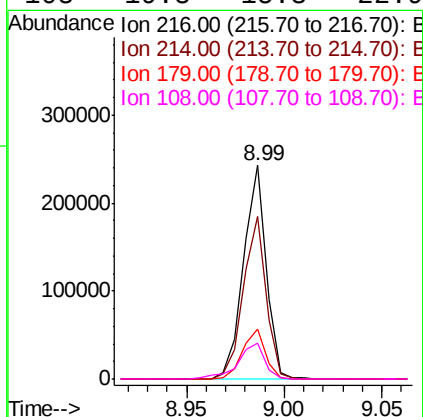
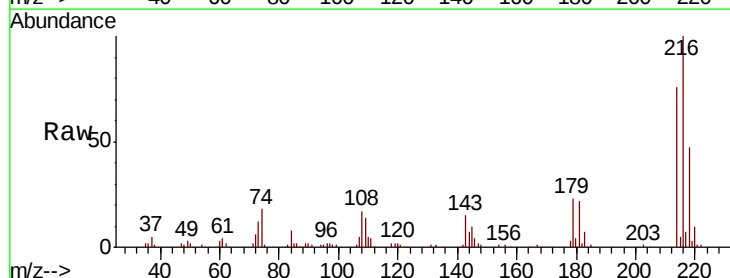
Instrument :
 BNA_F
 ClientSampled :

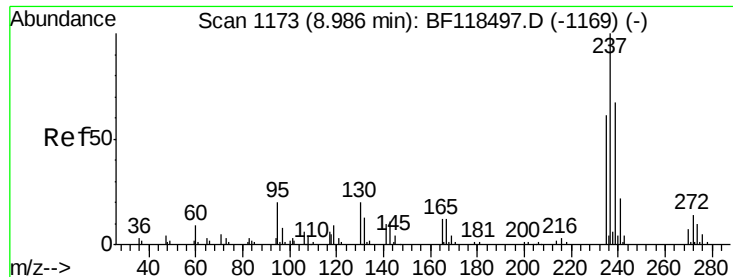
Tot Ion:164 Resp: 163223
 Ion Ratio Lower Upper
 164 100
 162 102.4 84.2 126.4
 160 43.9 36.8 55.2



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.223 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.02 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Tgt Ion:216 Resp: 196706
 Ion Ratio Lower Upper
 216 100
 214 76.1 62.4 93.6
 179 23.5 18.7 28.1
 108 19.8 15.3 22.9





#41

Hexachlorocyclopentadiene

Concen: 80.511 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

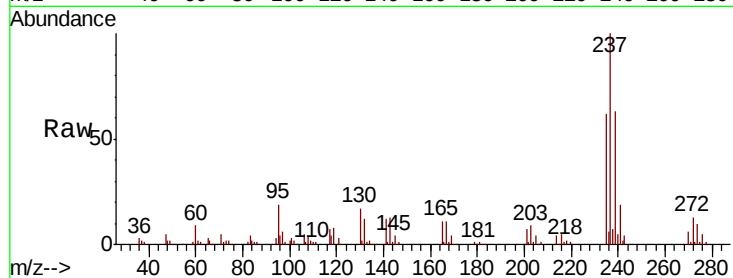
Tot Ion:237 Resp: 110475

Ion Ratio Lower Upper

237 100

235 61.9 40.8 80.8

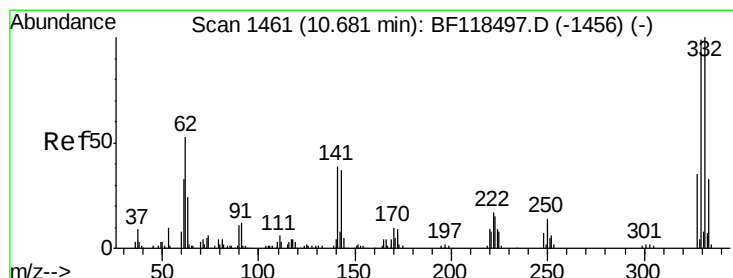
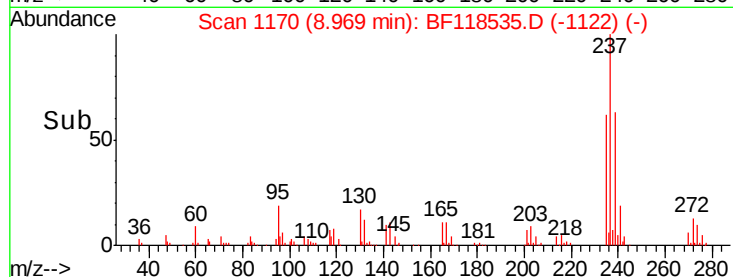
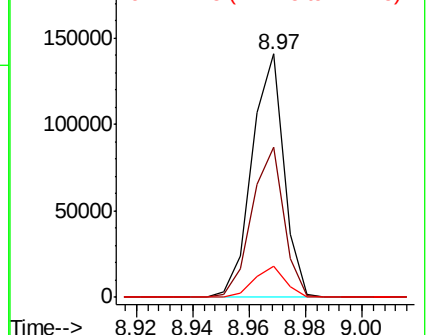
272 12.8 0.0 34.2



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: 96.336 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

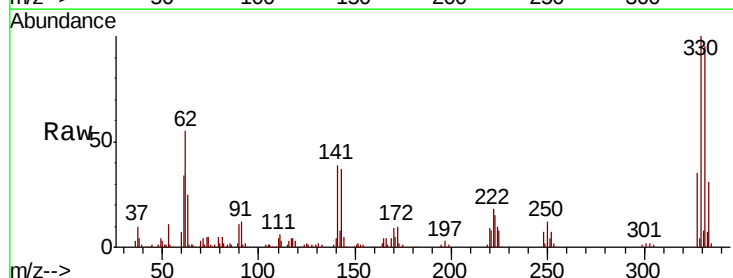
Tgt Ion:330 Resp: 185543

Ion Ratio Lower Upper

330 100

332 97.1 77.9 116.9

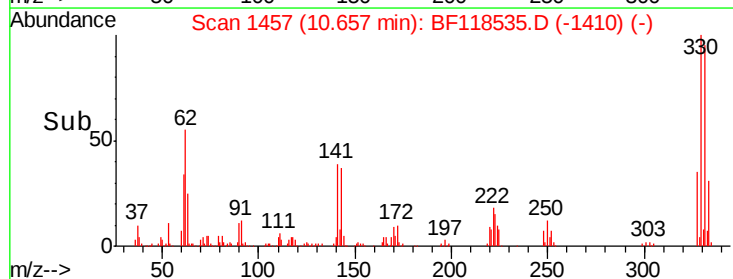
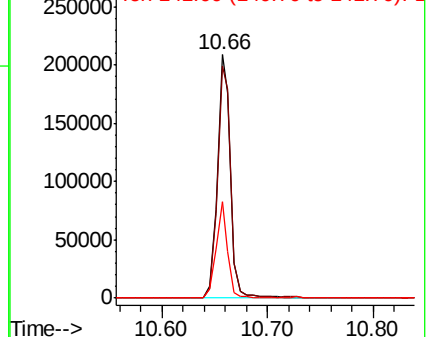
141 34.7 28.6 43.0

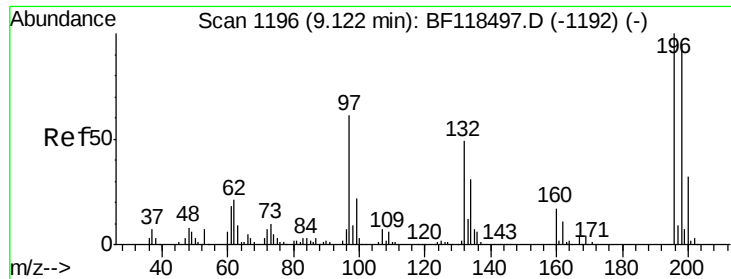


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

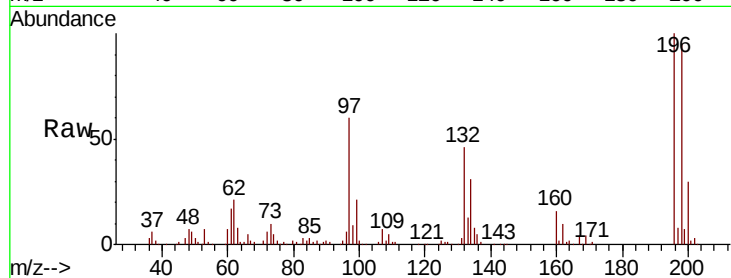




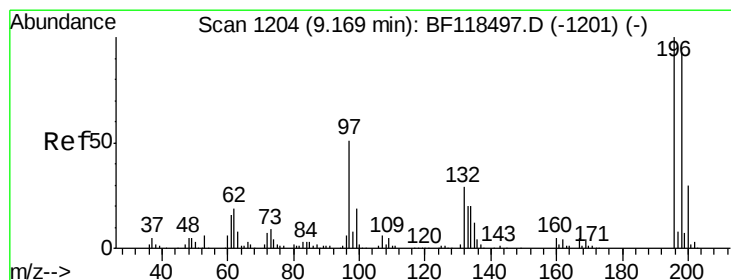
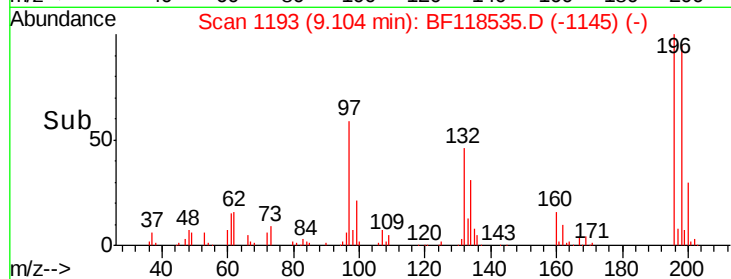
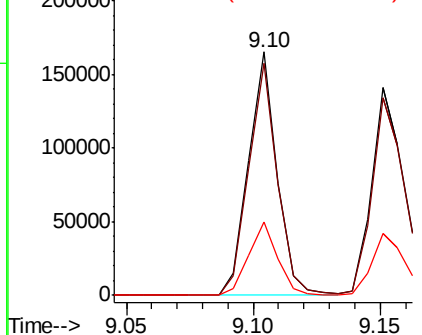
#43
 2,4,6-Trichlorophenol
 Concen: 41.874 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 129768
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.2 114.4
 200 29.9 25.2 37.8

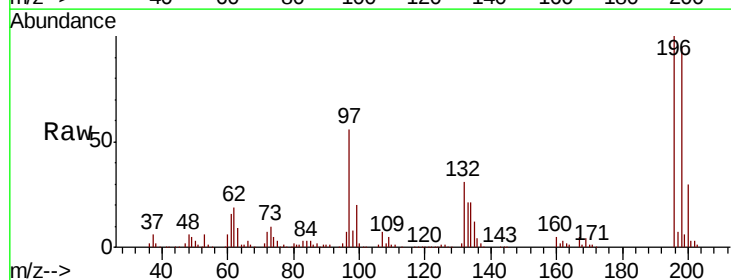


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

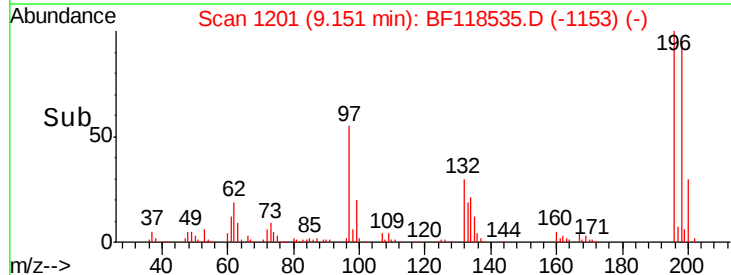
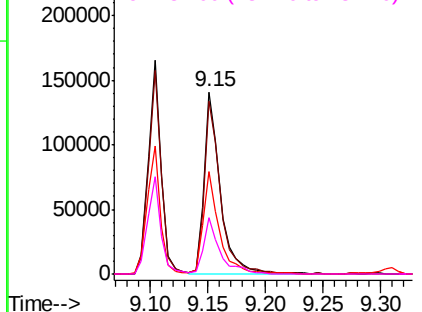


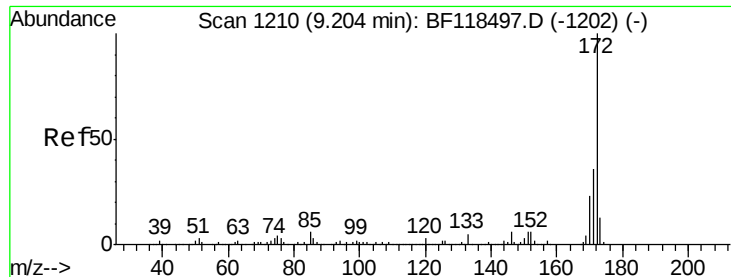
#44
 2,4,5-Trichlorophenol
 Concen: 43.363 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Tgt Ion:196 Resp: 139063
 Ion Ratio Lower Upper
 196 100
 198 94.8 74.7 112.1
 97 56.1 40.7 61.1
 132 30.7 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

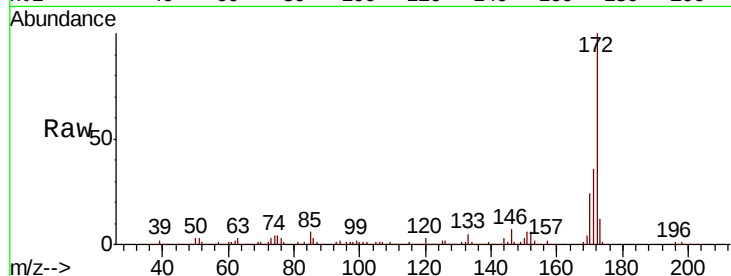




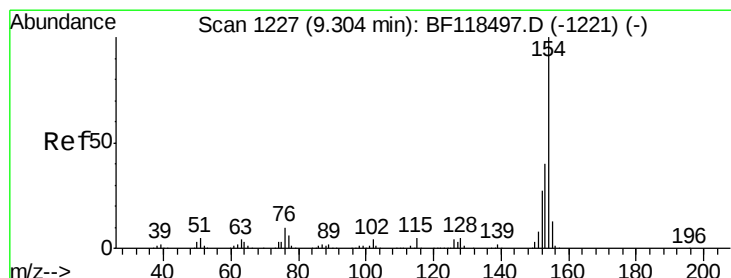
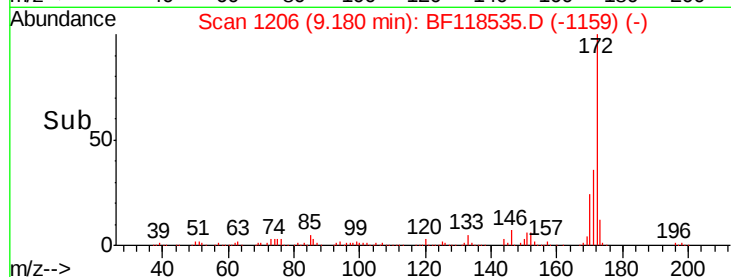
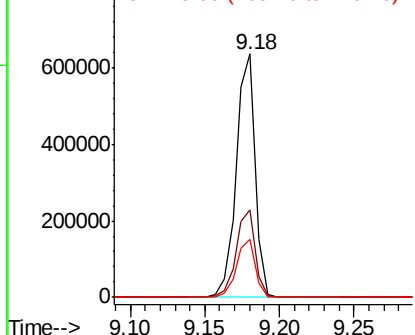
#45
2-Fluorobiphenyl
Concen: 49.956 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 568540
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.8 18.6 27.8

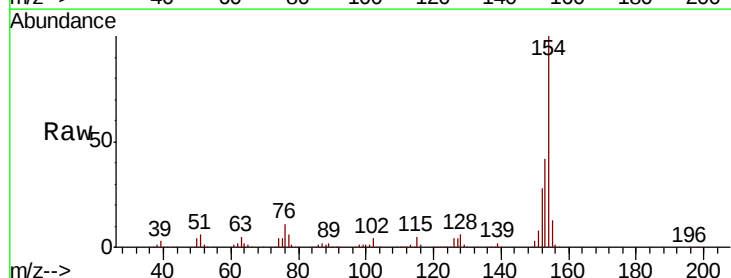


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

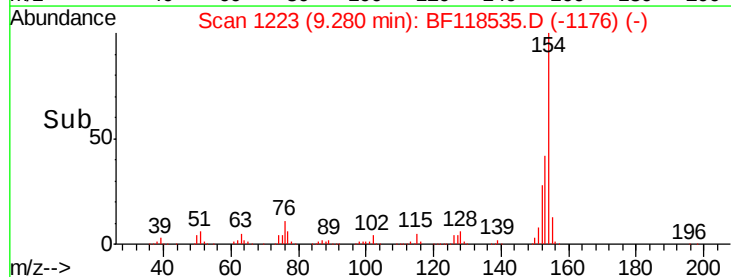
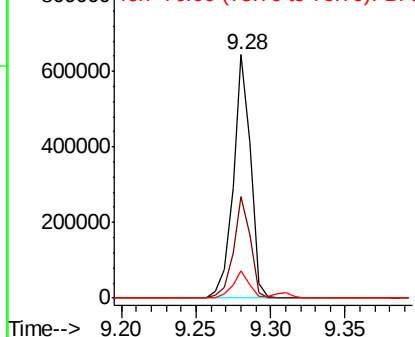


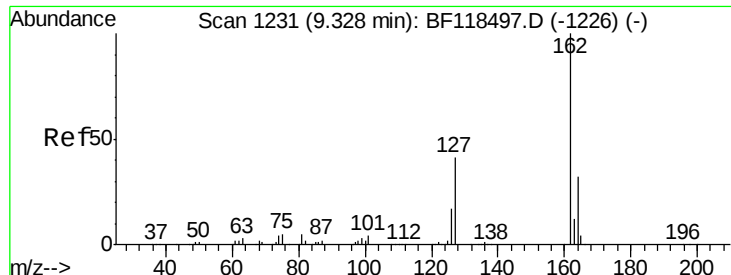
#46
1,1'-Biphenyl
Concen: 39.342 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion:154 Resp: 524692
Ion Ratio Lower Upper
154 100
153 41.5 20.2 60.2
76 11.4 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

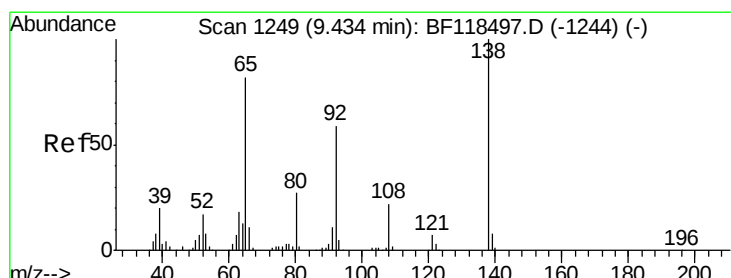
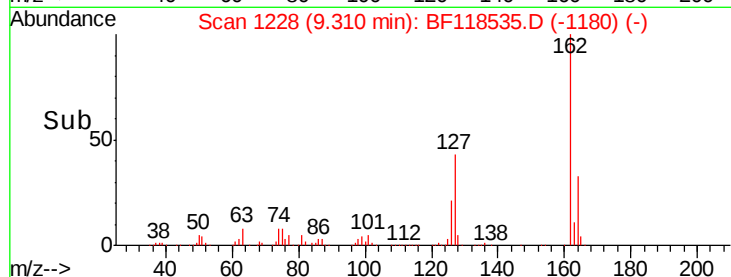
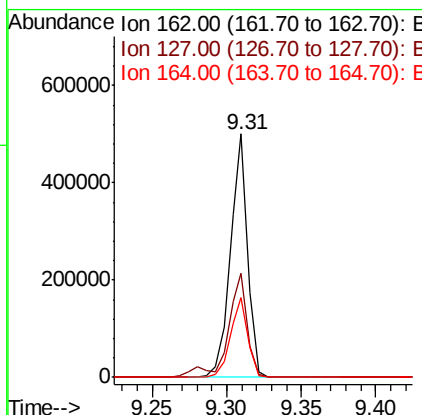
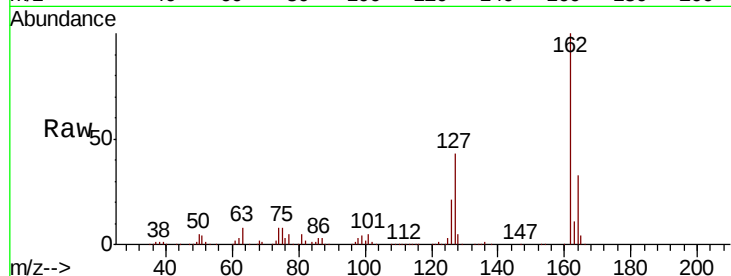




#47
 2-Chloronaphthalene
 Concen: 38.696 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

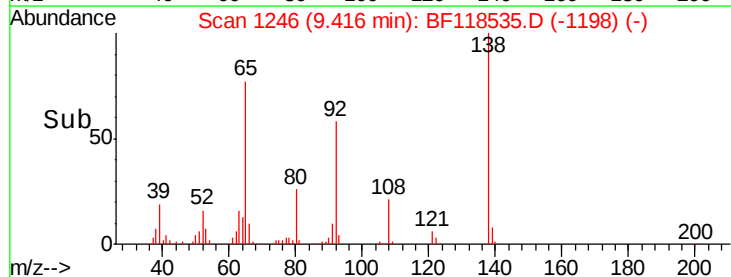
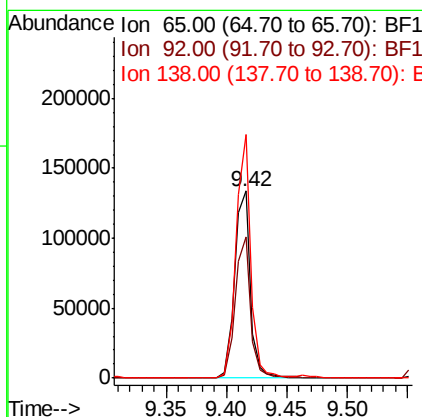
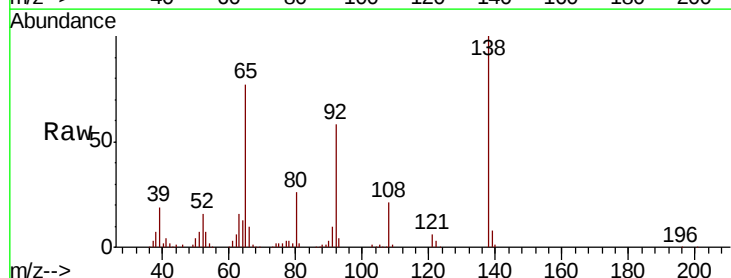
Instrument :
 BNA_F
 ClientSampleId :

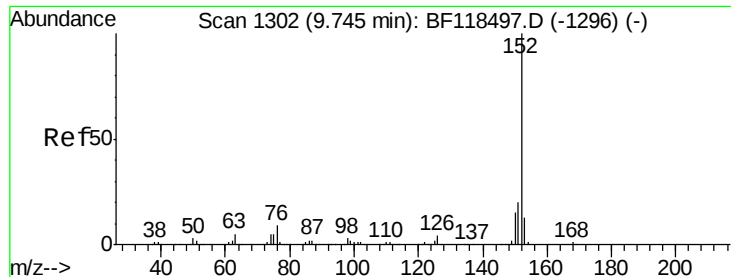
Tot Ion:	162	Resp:	408461
Ion	Ratio	Lower	Upper
162	100		
127	42.6	35.5	53.3
164	32.9	25.8	38.8



#48
 2-Nitroaniline
 Concen: 40.288 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Tgt Ion:	65	Resp:	122890
Ion	Ratio	Lower	Upper
65	100		
92	75.4	57.7	86.5
138	130.1	97.2	145.8





#49

Acenaphthylene

Concen: 44.279 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

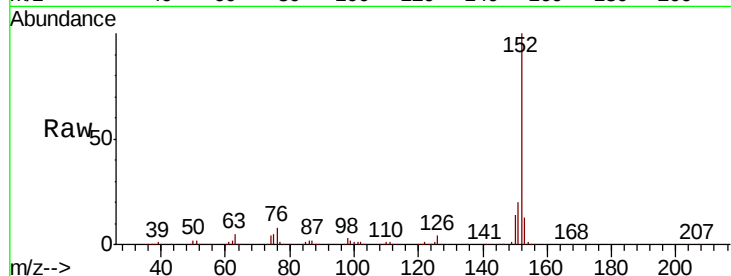
Tot Ion:152 Resp: 695738

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

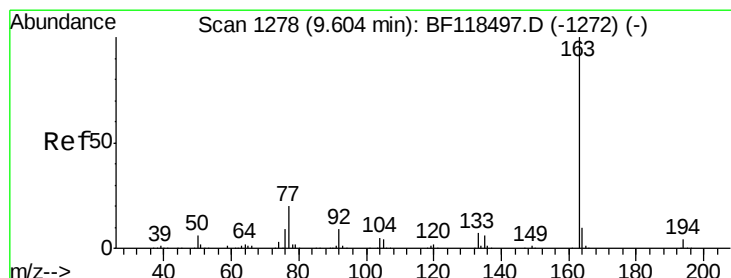
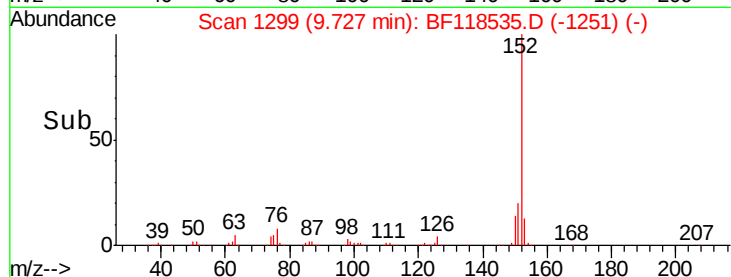
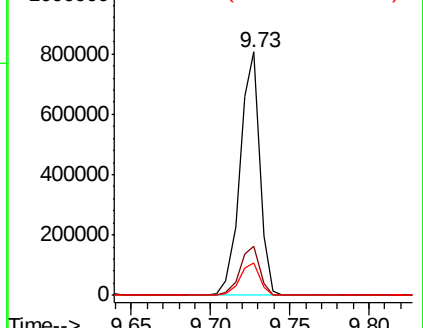
153 13.2 10.6 16.0



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: 46.842 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

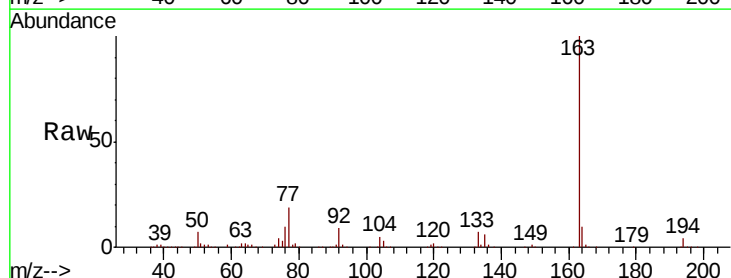
Tgt Ion:163 Resp: 586812

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

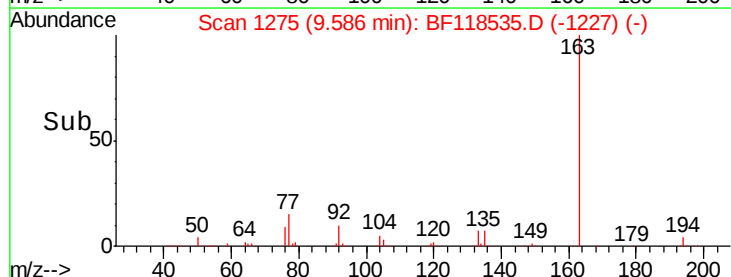
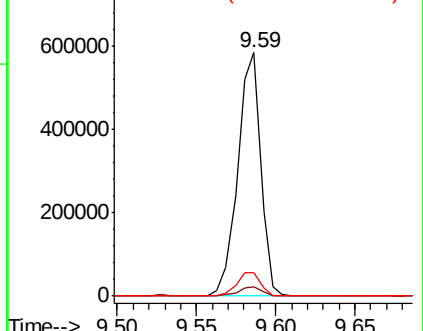
164 9.8 8.1 12.1

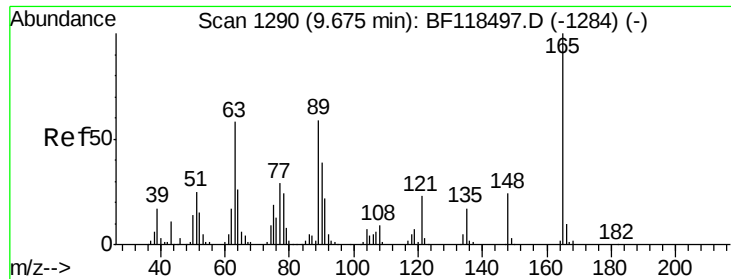


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

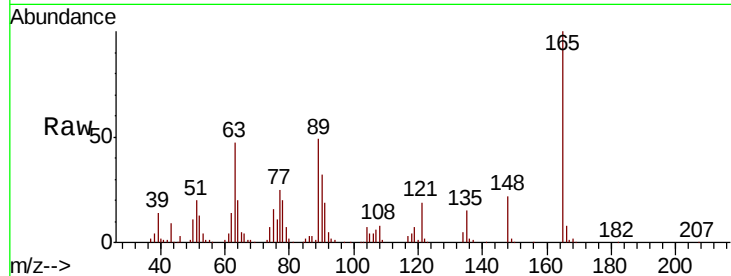




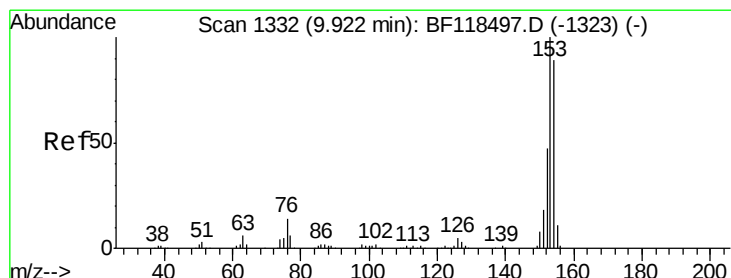
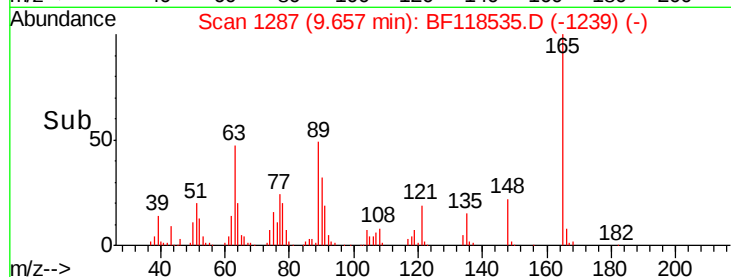
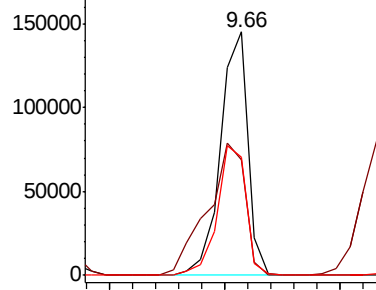
#51
2,6-Dinitrotoluene
Concen: 44.818 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 120911
Ion Ratio Lower Upper
165 100
63 47.2 46.6 70.0
89 48.6 47.5 71.3

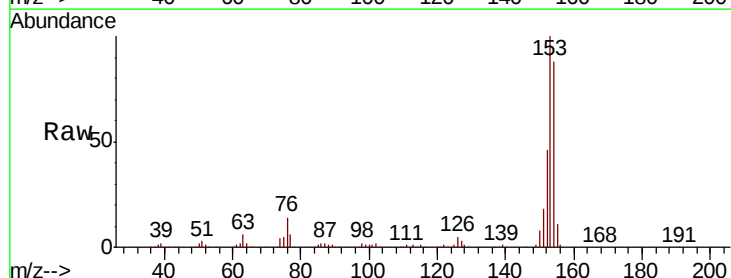


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

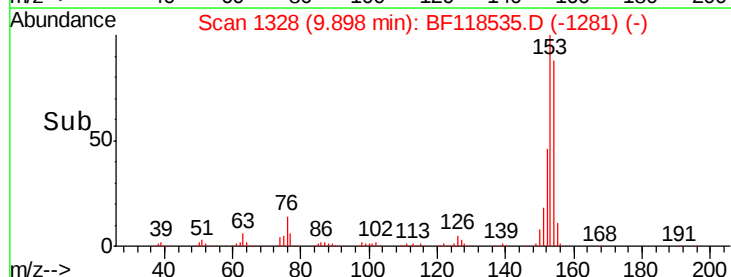
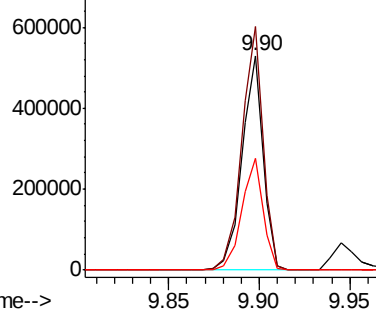


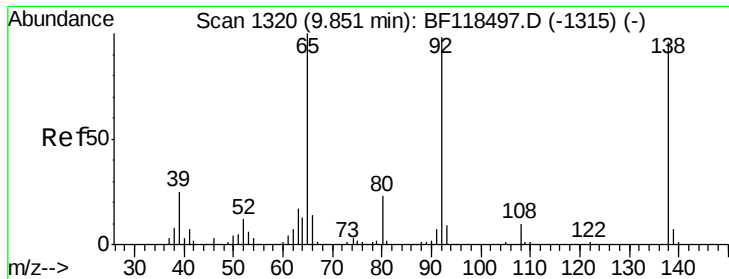
#52
Acenaphthene
Concen: 44.545 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion:154 Resp: 427409
Ion Ratio Lower Upper
154 100
153 113.6 89.7 134.5
152 52.0 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

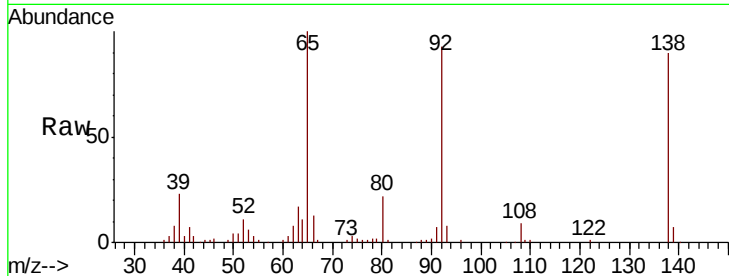




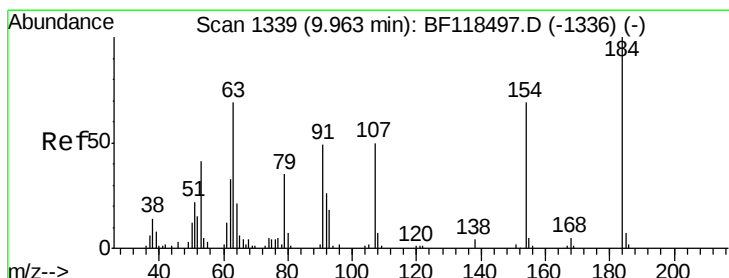
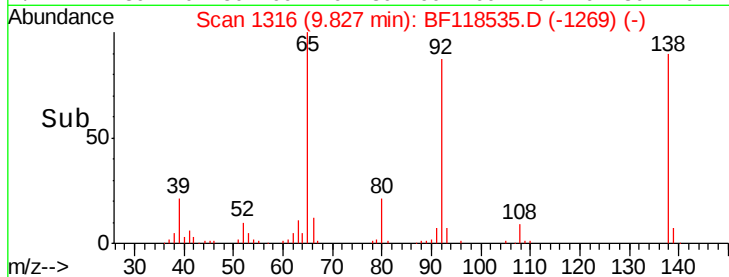
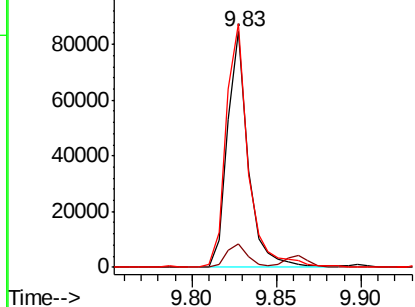
#53
3-Nitroaniline
Concen: 23.070 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 72906
Ion Ratio Lower Upper
138 100
108 9.9 8.1 12.1
92 103.5 81.6 122.4

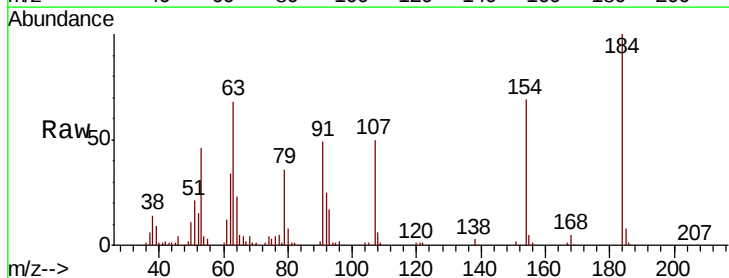


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

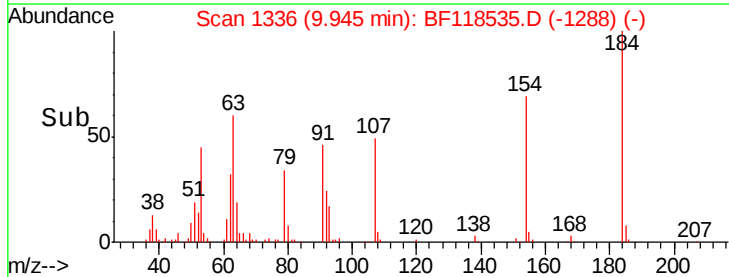
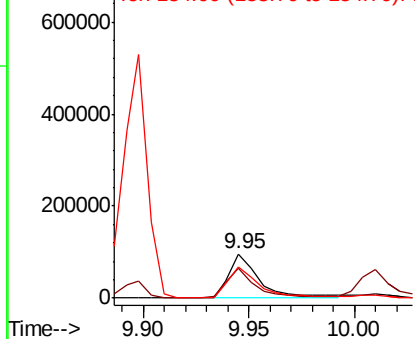


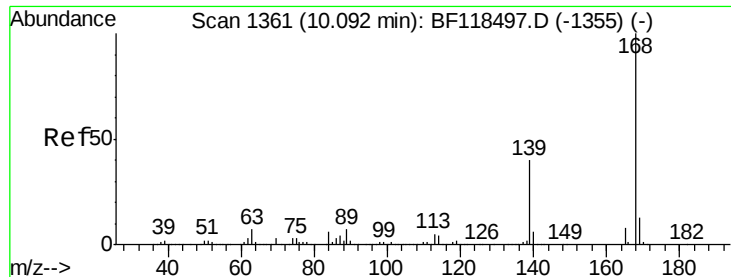
#54
2,4-Dinitrophenol
Concen: 82.918 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion:184 Resp: 97789
Ion Ratio Lower Upper
184 100
63 68.3 55.3 82.9
154 69.5 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: 42.345 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

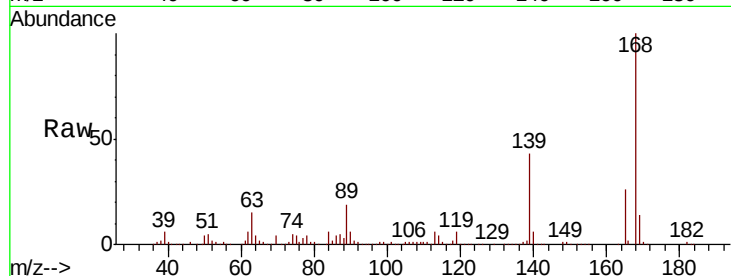
Tot Ion:168 Resp: 610259

Ion Ratio Lower Upper

168 100

139 43.4 32.5 48.7

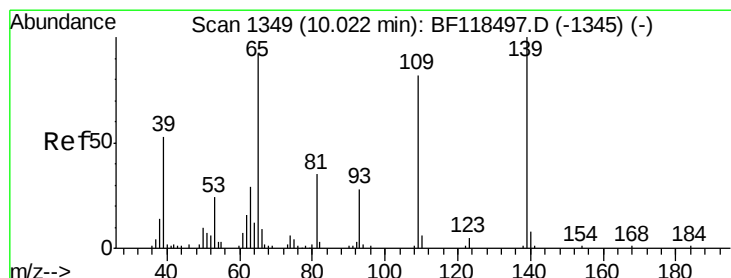
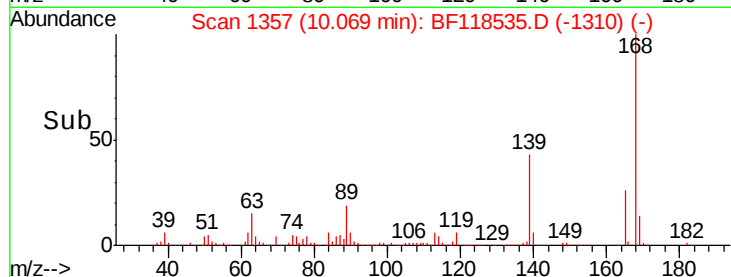
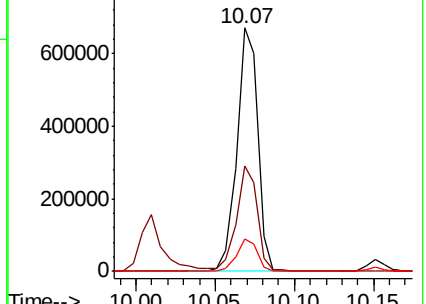
169 13.6 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 101.621 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

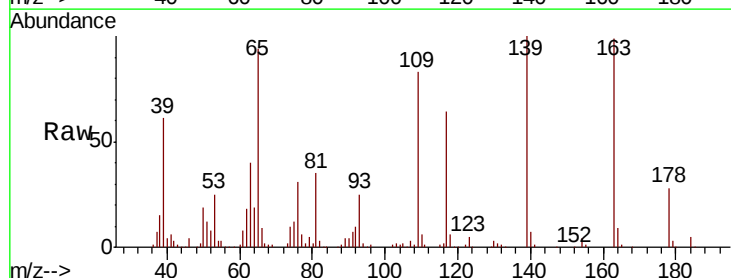
Tgt Ion:139 Resp: 155927

Ion Ratio Lower Upper

139 100

109 83.4 62.2 102.2

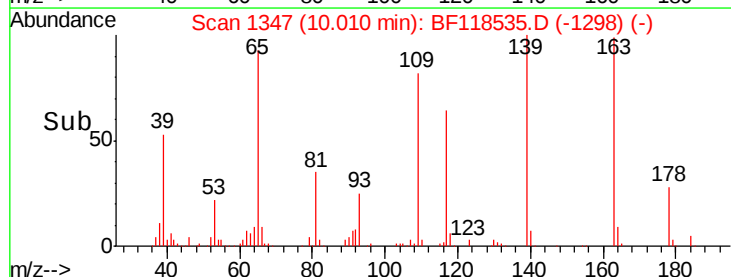
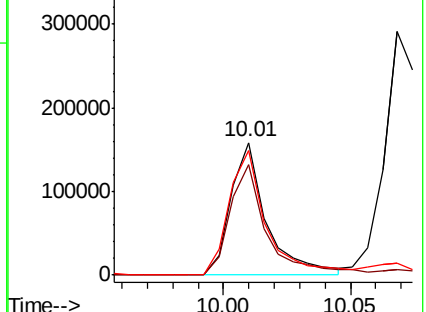
65 93.8 72.8 112.8

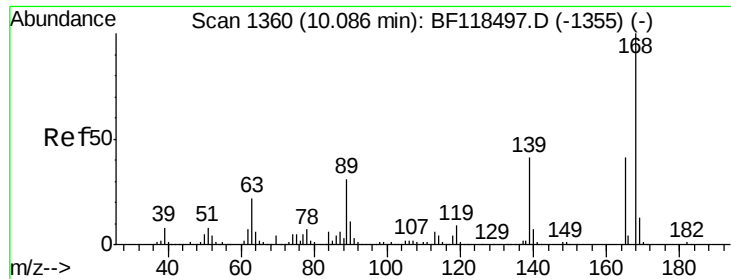


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

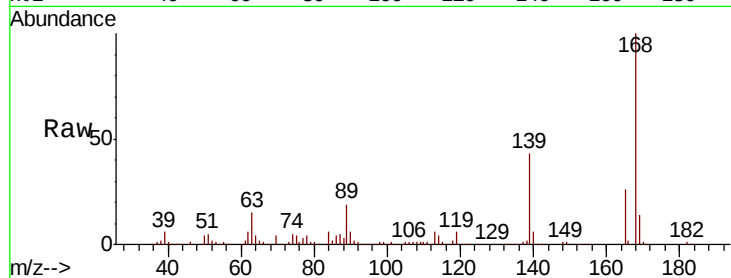




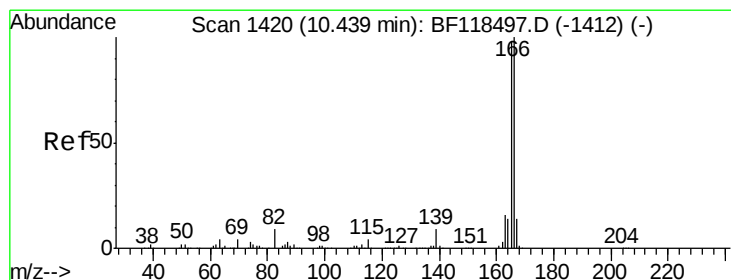
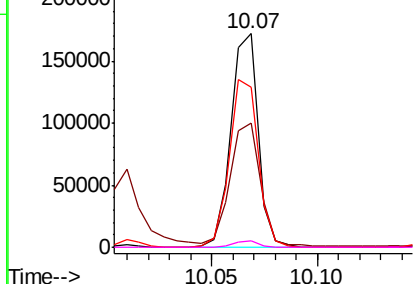
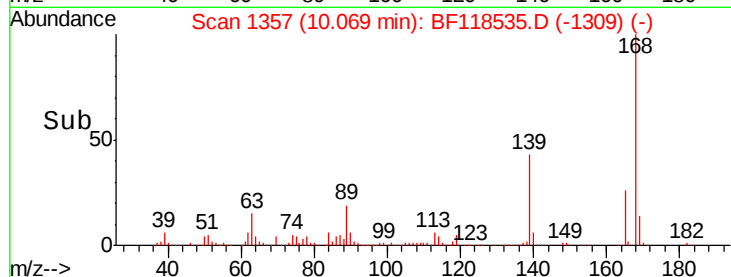
#57
2,4-Dinitrotoluene
Concen: 42.201 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 152442
Ion Ratio Lower Upper
165 100
63 58.3 44.1 66.1
89 75.1 60.4 90.6
182 2.8 2.0 3.0

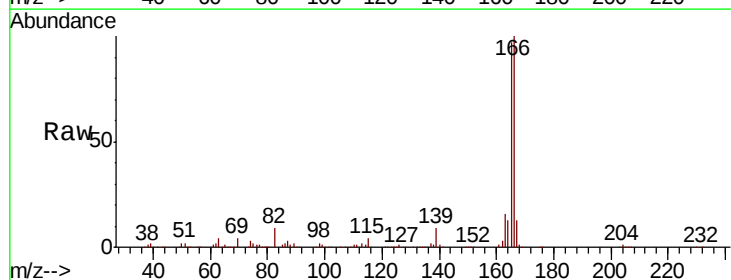


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

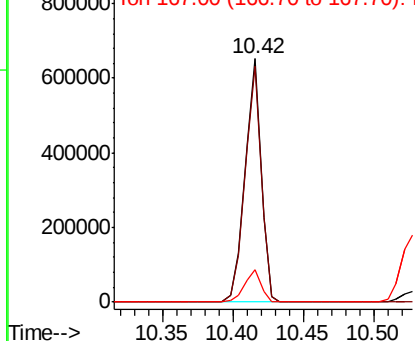
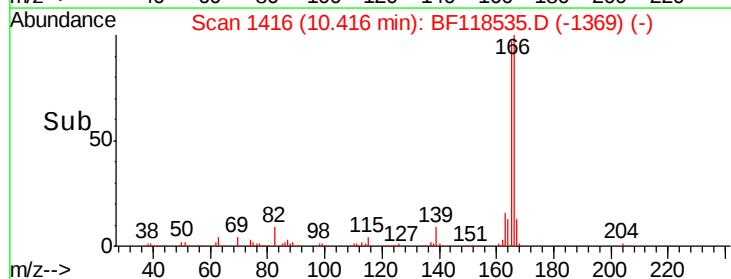


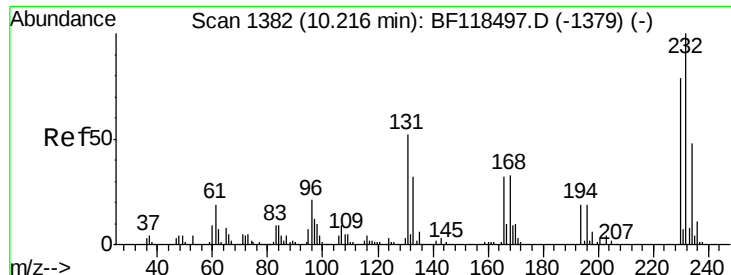
#58
Fluorene
Concen: 45.253 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion:166 Resp: 524201
Ion Ratio Lower Upper
166 100
165 96.9 78.6 117.8
167 13.2 10.8 16.2



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

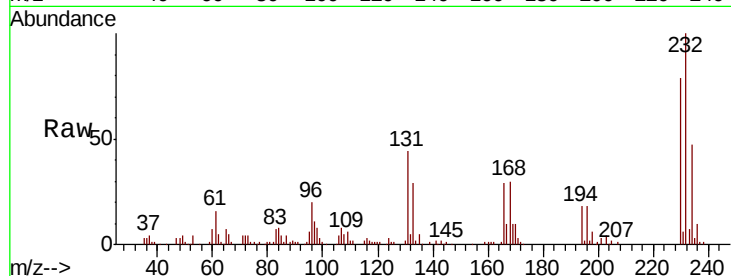




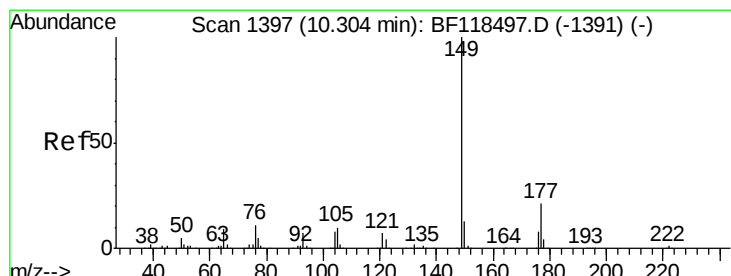
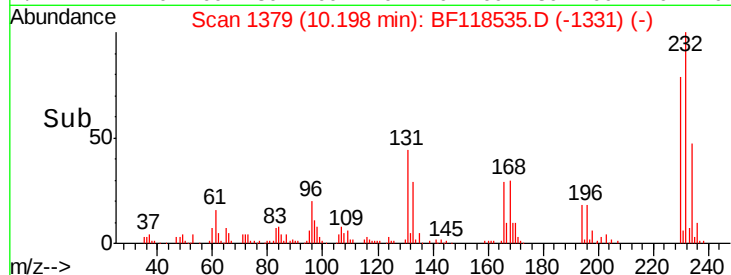
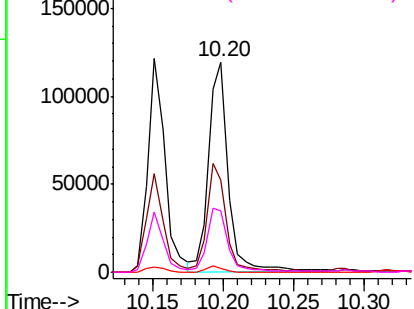
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.152 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.02 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	114318
Ion	Ratio	Lower	Upper
232	100		
131	49.7	42.2	63.4
130	2.6	2.1	3.1
166	31.5	25.7	38.5

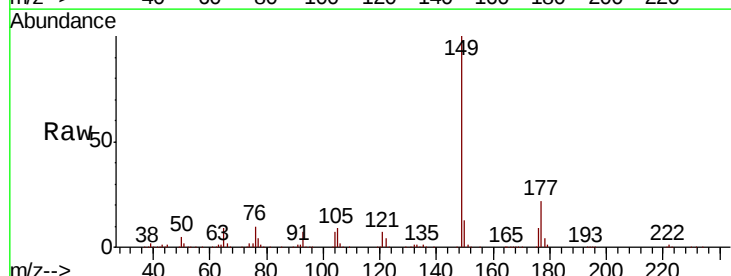


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

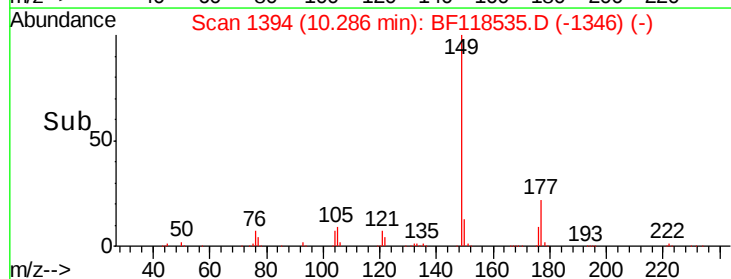
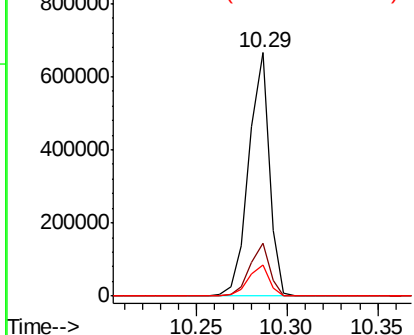


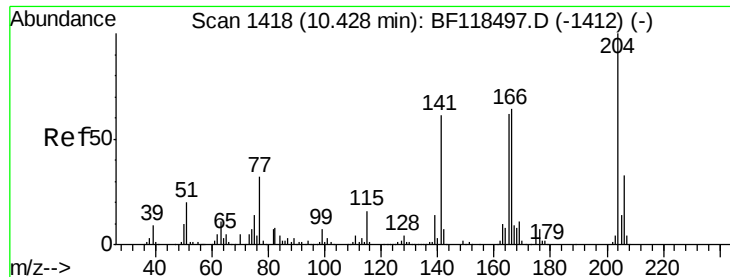
#60
 Diethylphthalate
 Concen: 41.231 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Tgt Ion:	149	Resp:	525803
Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.5	24.7
150	12.6	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

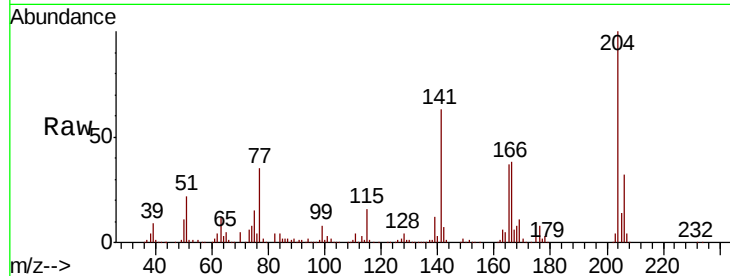




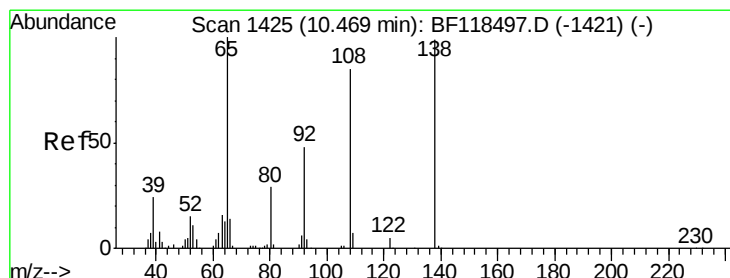
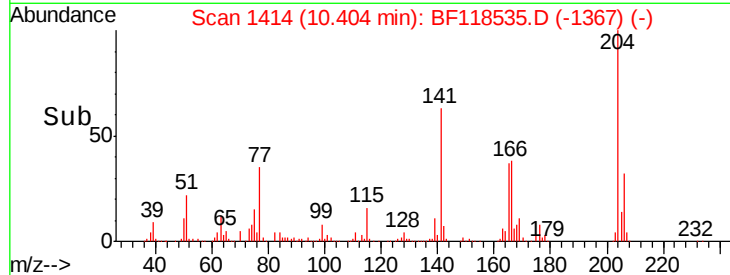
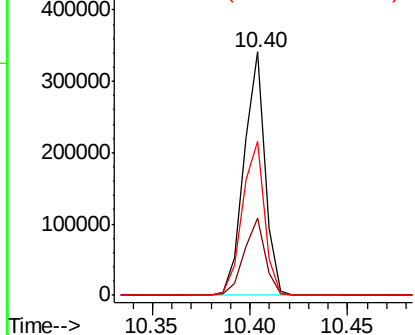
#61
 4-Chlorophenyl-phenylether
 Concen: 43.968 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.02 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.0	39.0
141	63.2	49.0	73.6

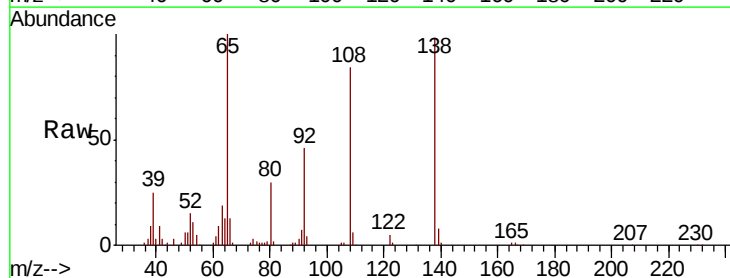


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

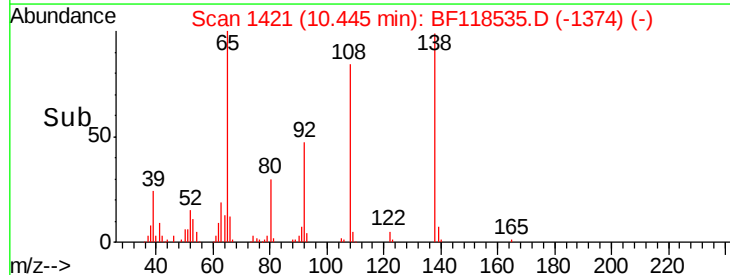
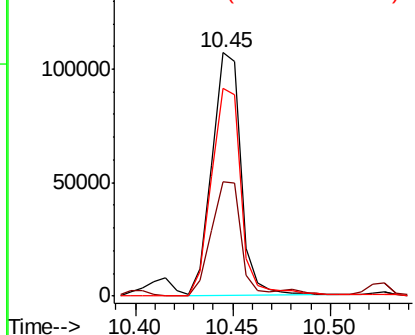


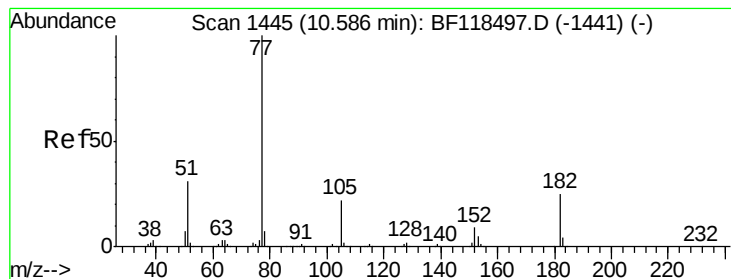
#62
 4-Nitroaniline
 Concen: 35.572 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.9	27.9	67.9
108	85.5	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: 42.536 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 460970

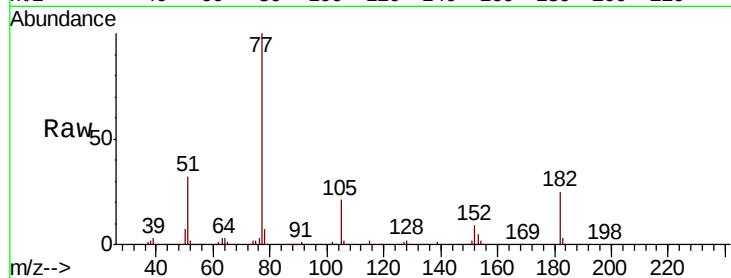
Ion Ratio Lower Upper

77 100

182 25.0 5.2 45.2

105 21.0 1.7 41.7

51 31.6 11.2 51.2

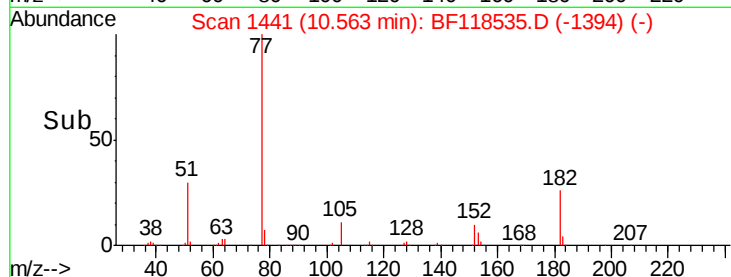


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

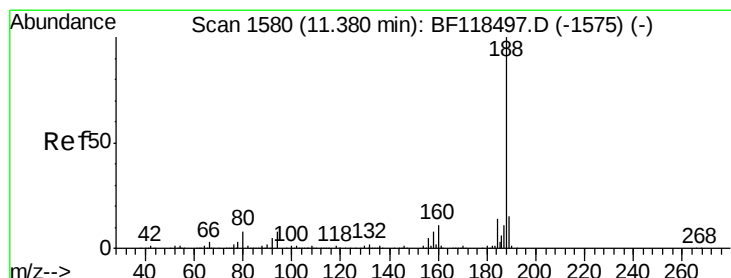
Ion 51.00 (50.70 to 51.70): BF1



Abundance

10.56

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

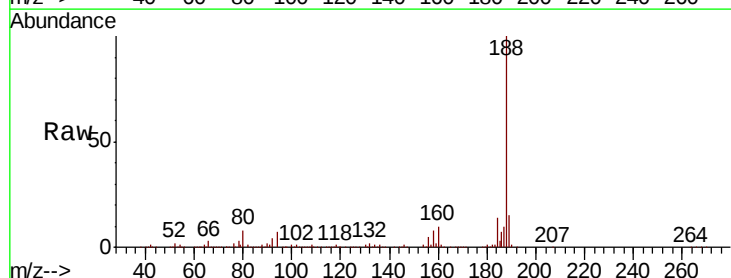
Tgt Ion: 188 Resp: 325870

Ion Ratio Lower Upper

188 100

94 7.2 6.2 9.4

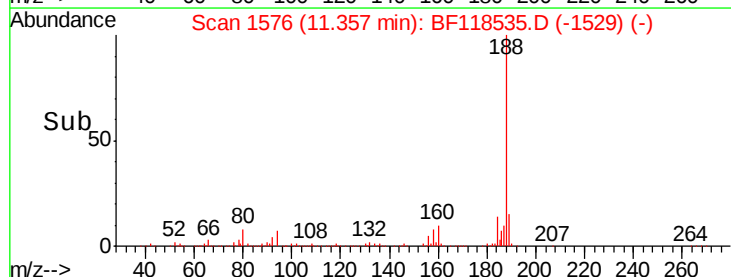
80 7.7 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

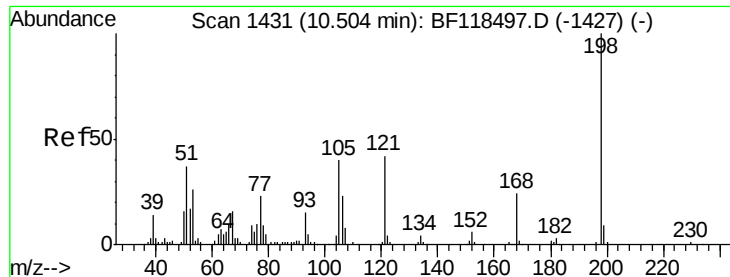
Ion 80.00 (79.70 to 80.70): BF1



Abundance

11.36

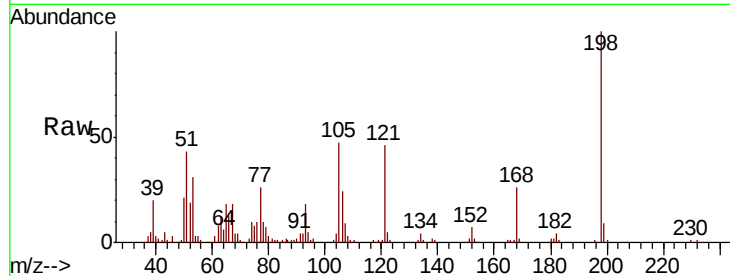
Time-->



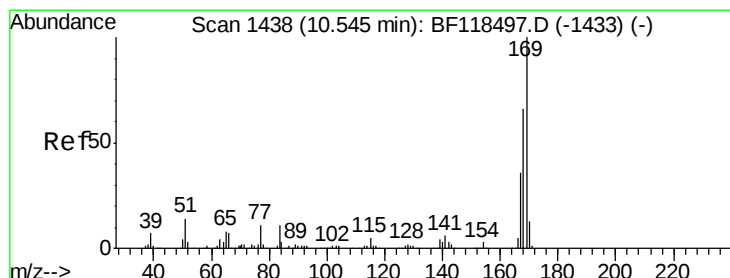
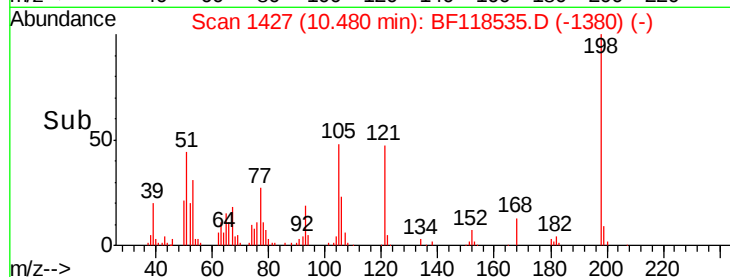
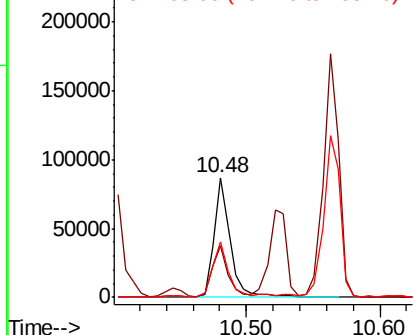
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.565 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.02 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 75048
 Ion Ratio Lower Upper
 198 100
 51 43.1 17.8 57.8
 105 46.8 20.1 60.1

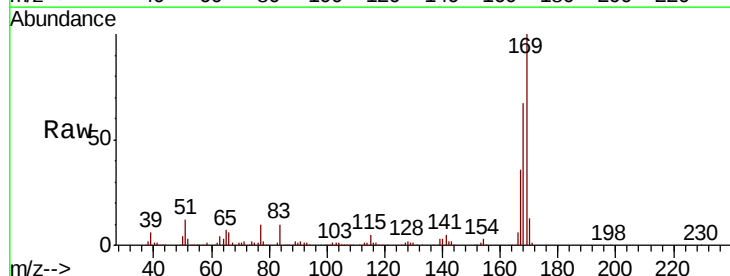


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

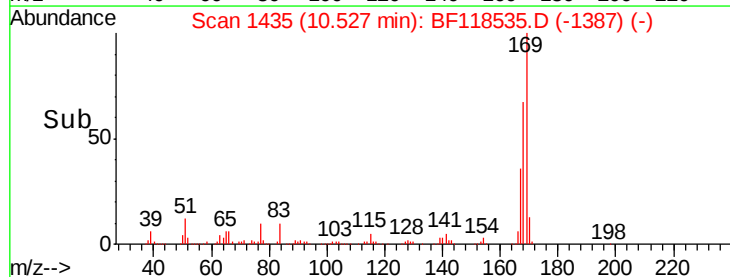
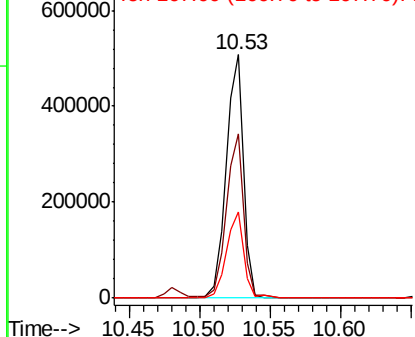


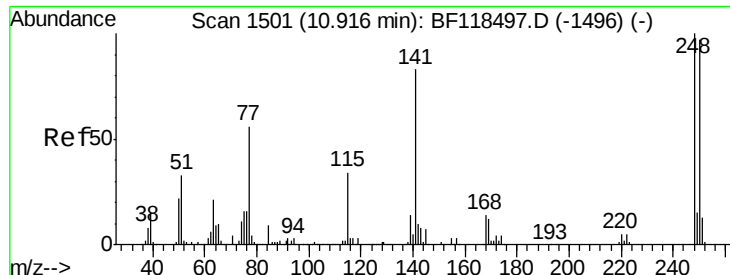
#66
 n-Nitrosodiphenylamine
 Concen: 40.398 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Tgt Ion:169 Resp: 428708
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.4 80.2
 167 35.6 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

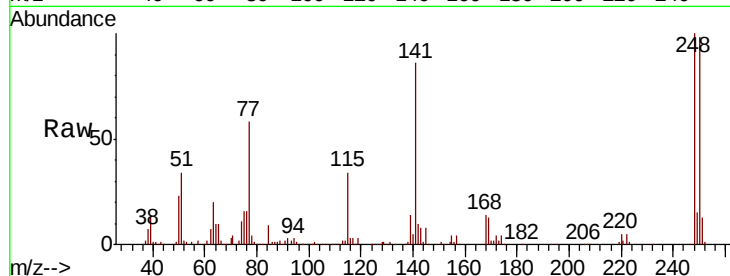




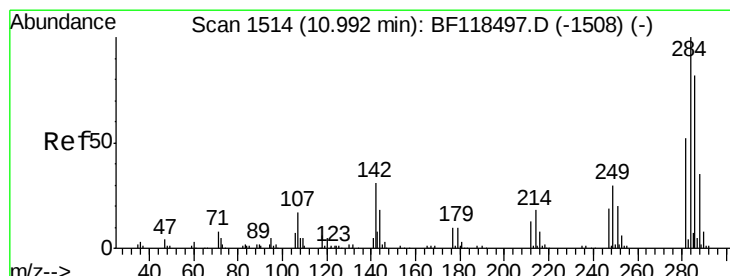
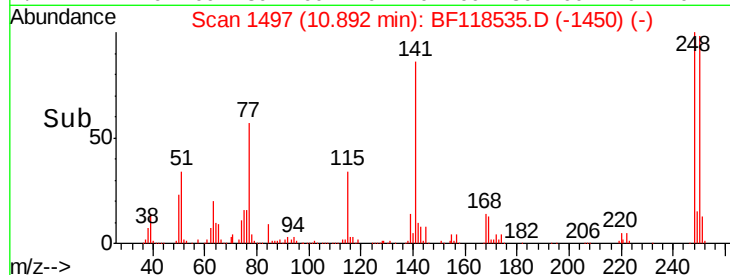
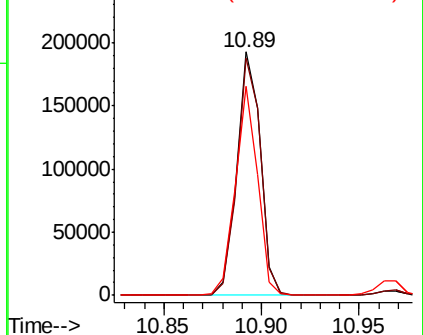
#67
4-Bromophenyl-phenylether
Concen: 41.958 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 160148
Ion Ratio Lower Upper
248 100
250 97.6 77.4 116.0
141 86.0 66.2 99.4

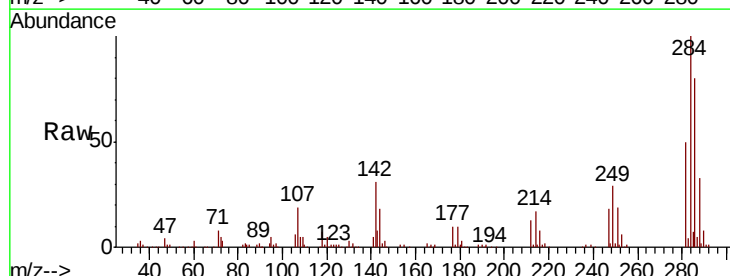


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

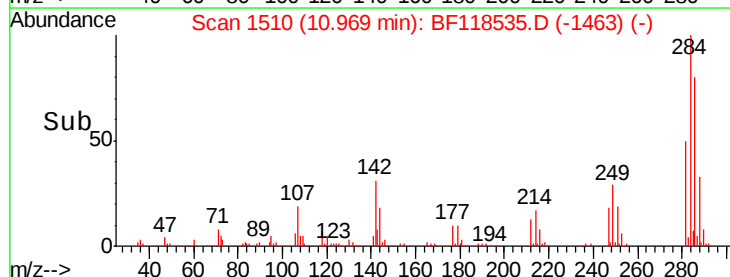
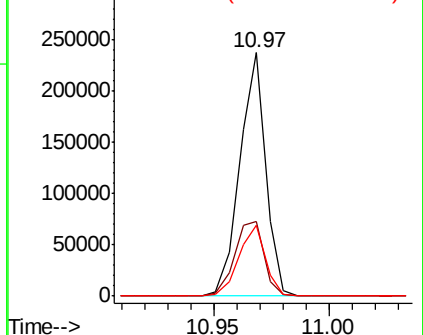


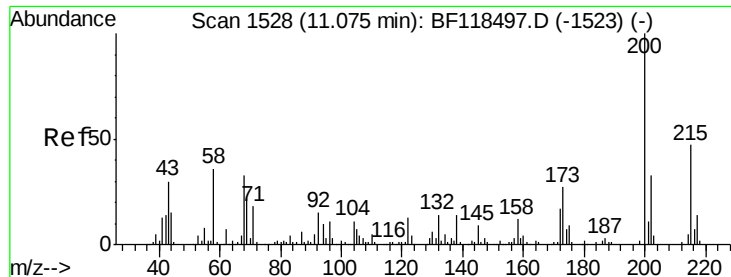
#68
Hexachlorobenzene
Concen: 40.870 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion:284 Resp: 186287
Ion Ratio Lower Upper
284 100
142 30.7 24.6 37.0
249 28.9 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: 50.874 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

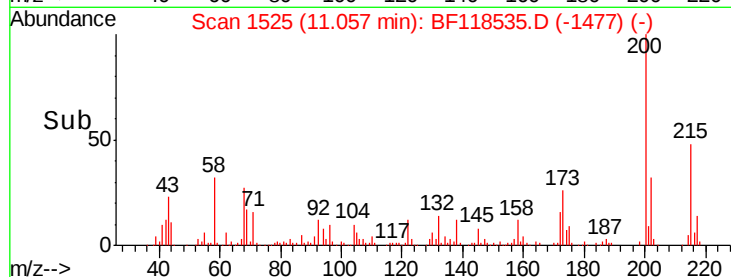
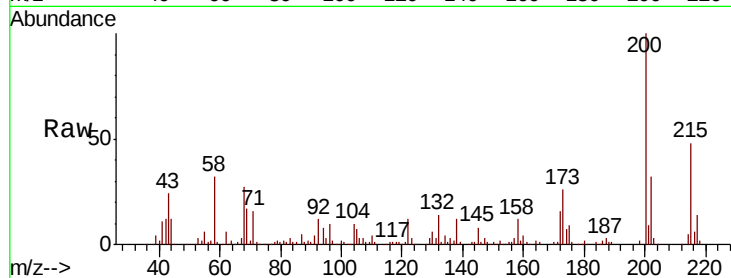
Tot Ion:200 Resp: 160422

Ion Ratio Lower Upper

200 100

173 26.3 7.0 47.0

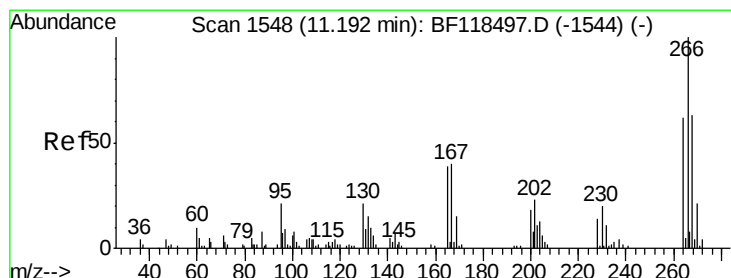
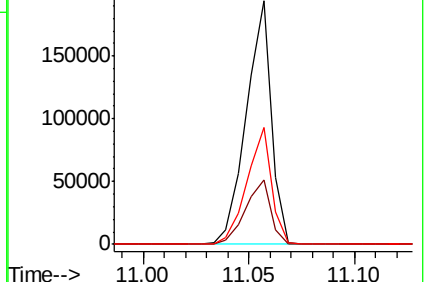
215 48.0 27.0 67.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 104.114 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

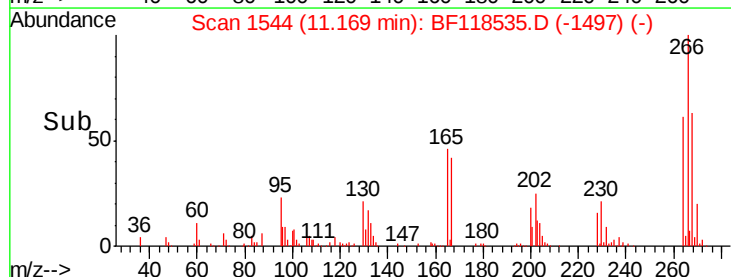
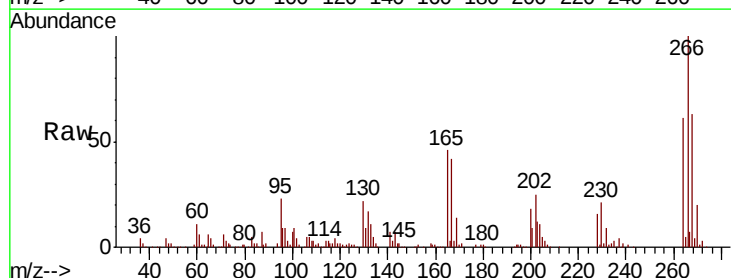
Tgt Ion:266 Resp: 157369

Ion Ratio Lower Upper

266 100

268 62.6 50.2 75.2

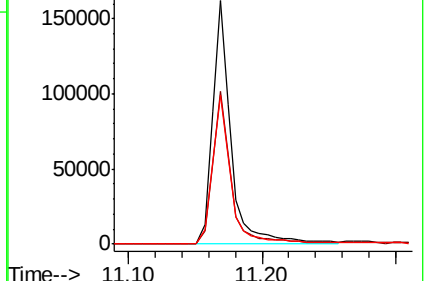
264 61.2 49.4 74.0

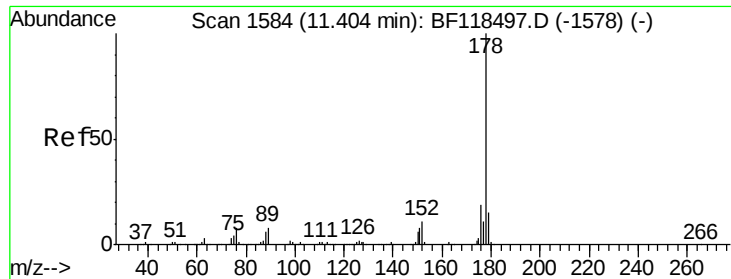


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

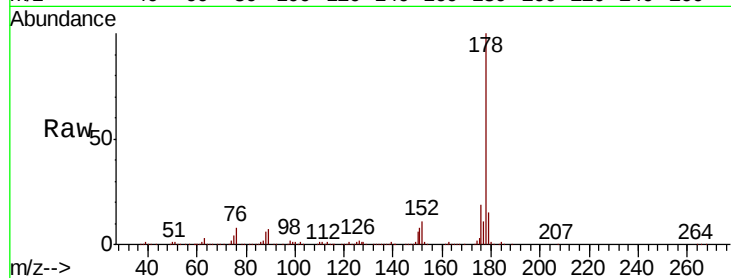




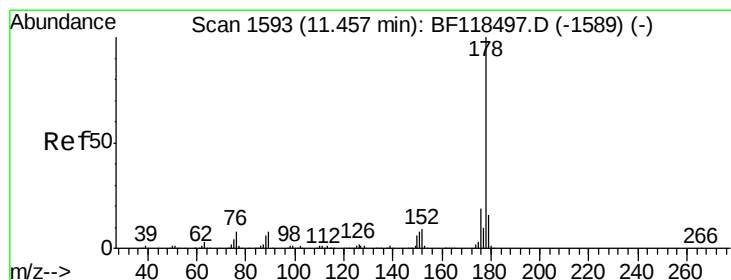
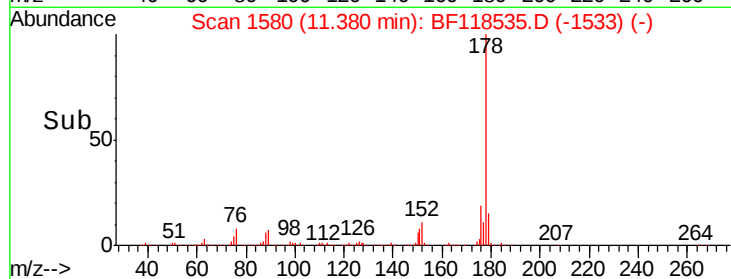
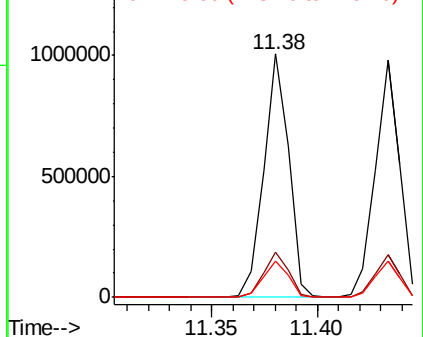
#71
Phenanthrene
Concen: 45.286 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 826688
Ion Ratio Lower Upper
178 100
176 18.5 15.2 22.8
179 15.1 12.3 18.5

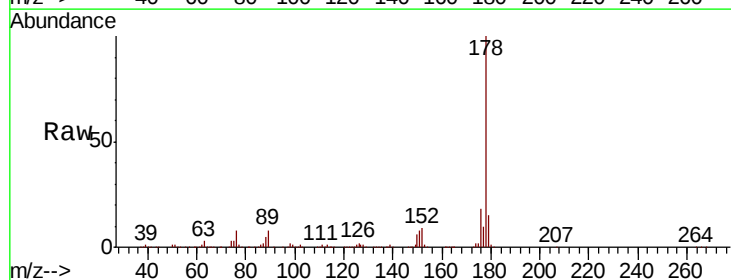


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

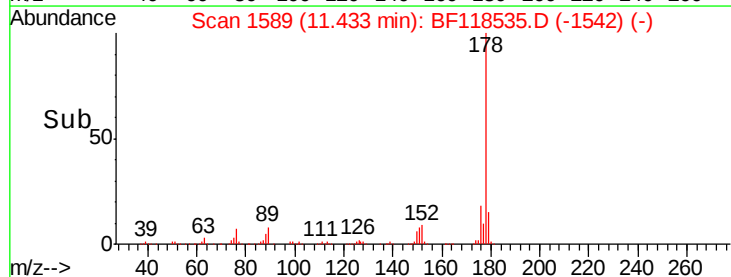
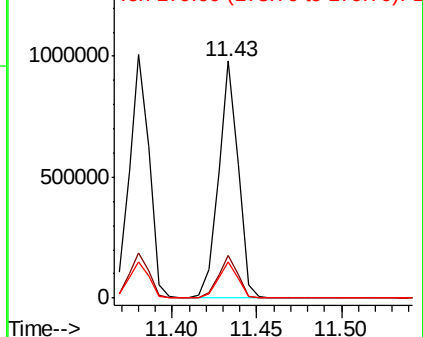


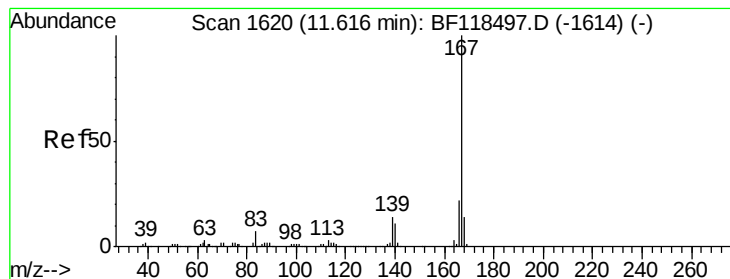
#72
Anthracene
Concen: 43.787 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion:178 Resp: 795206
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 15.5 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: 44.899 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

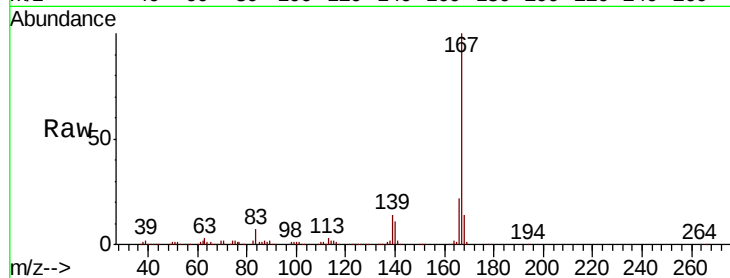
Tot Ion:167 Resp: 706341

Ion Ratio Lower Upper

167 100

166 22.3 17.4 26.2

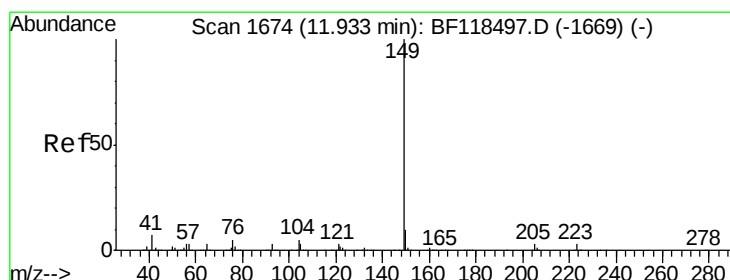
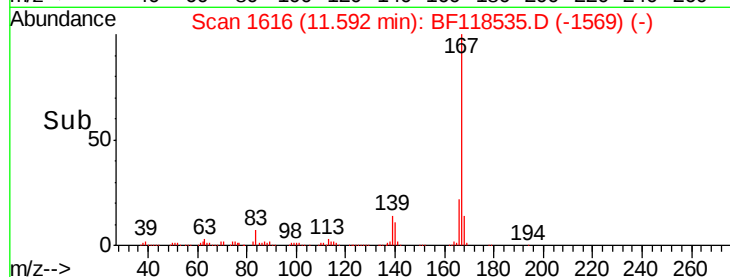
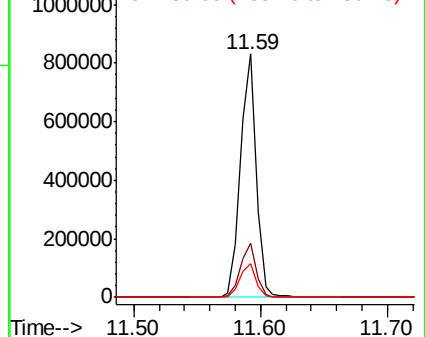
139 14.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.210 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

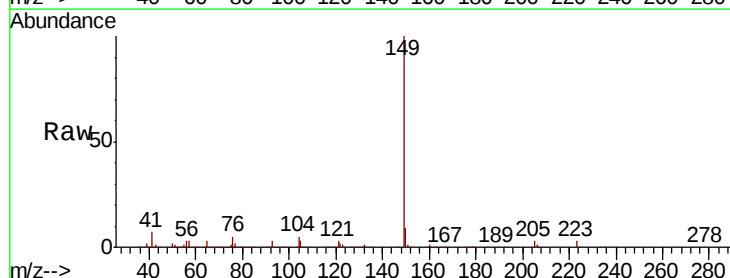
Tgt Ion:149 Resp: 864911

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.8

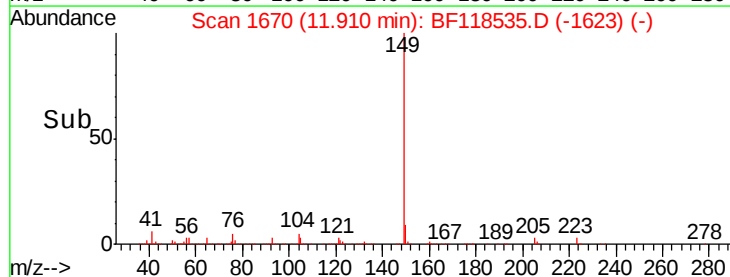
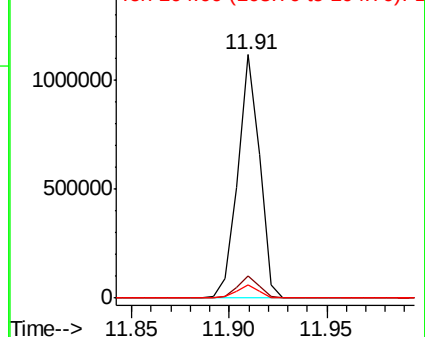
104 5.3 4.2 6.4

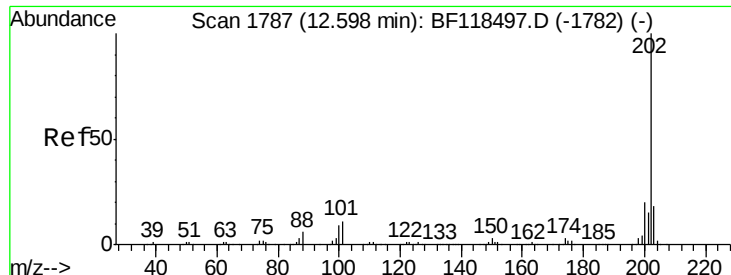


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 30.958 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

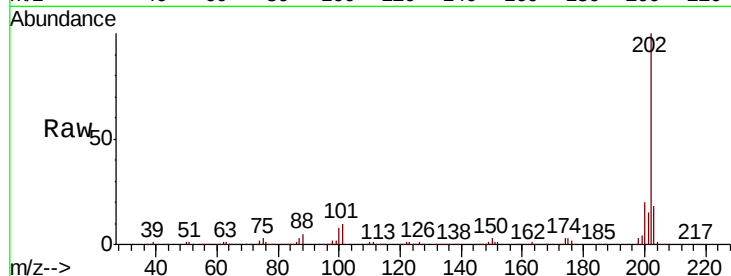
Tot Ion:202 Resp: 574409

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.4

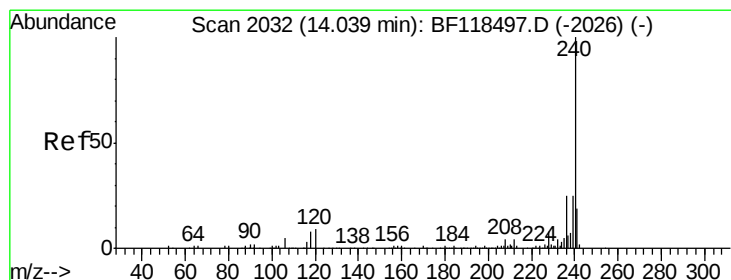
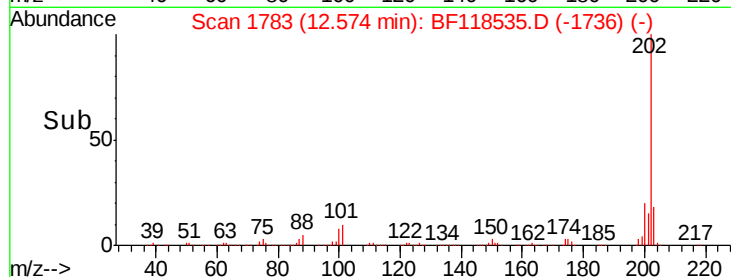
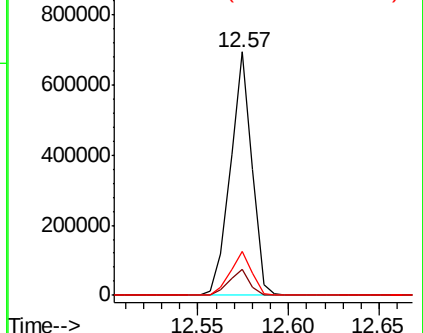
203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.03 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

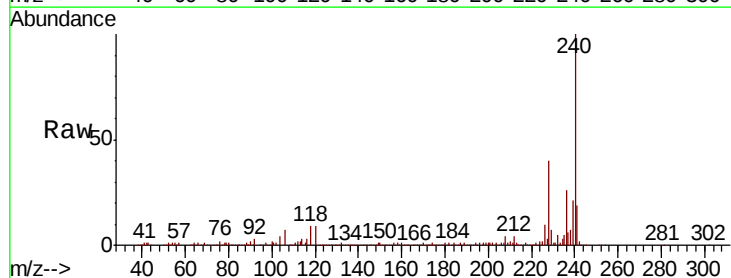
Tgt Ion:240 Resp: 183471

Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.6

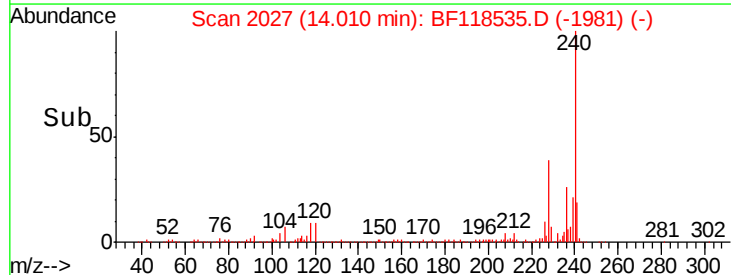
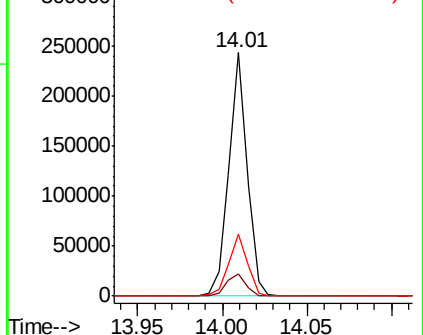
236 25.6 20.1 30.1

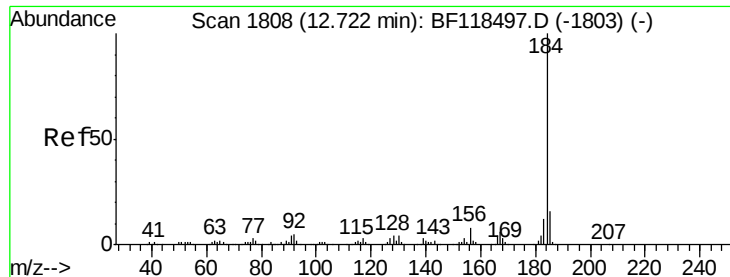


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

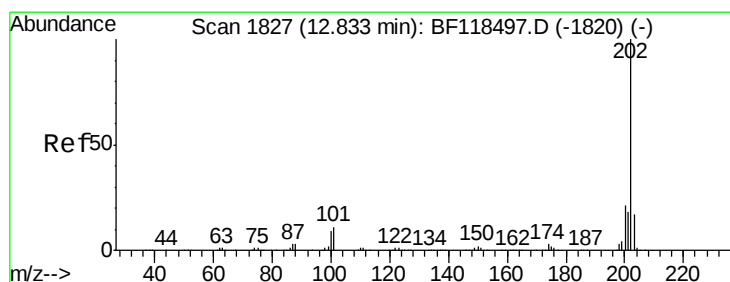
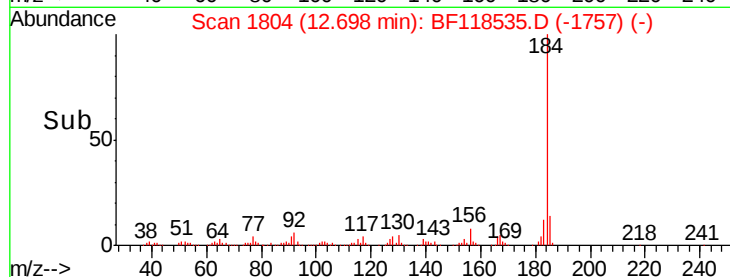
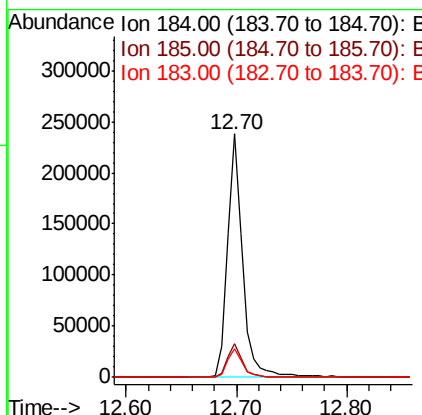
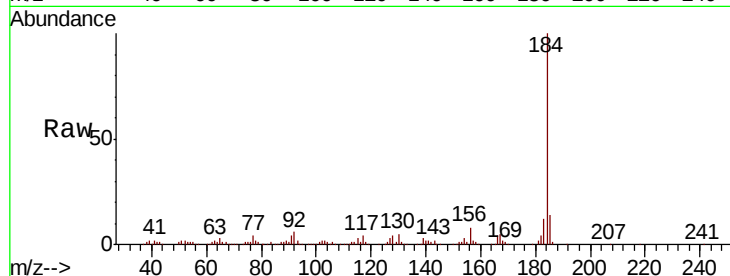




#77
Benzidine
Concen: 53.863 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

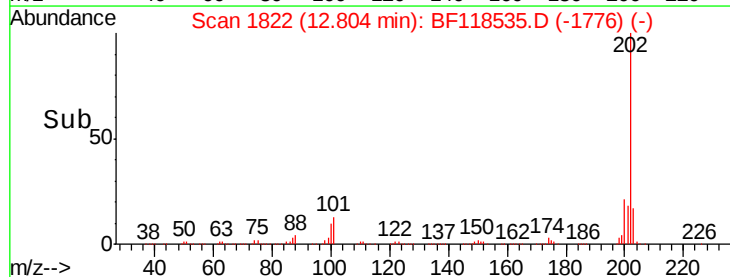
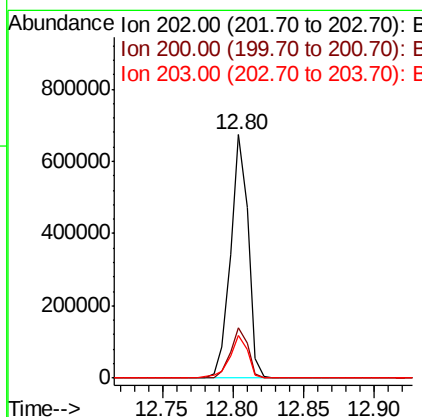
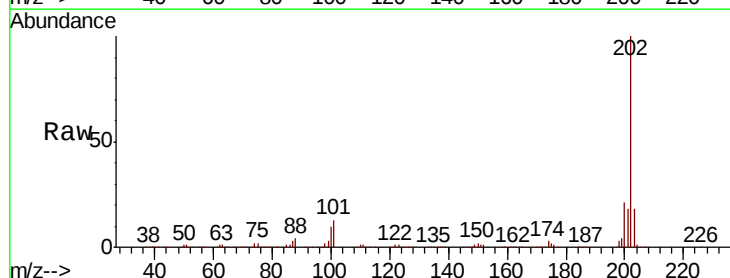
Instrument :
BNA_F
ClientSampleId :

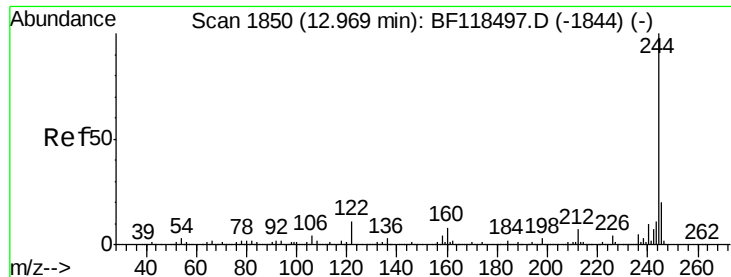
Tot Ion:184 Resp: 230962
Ion Ratio Lower Upper
184 100
185 13.7 12.6 18.8
183 11.8 9.3 13.9



#78
Pyrene
Concen: 38.692 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.03 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion:202 Resp: 584061
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 43.763 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.03 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

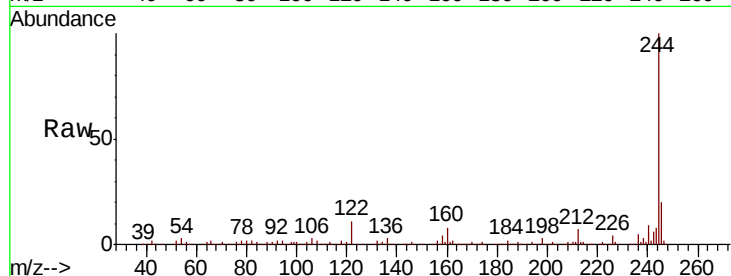
Tot Ion:244 Resp: 506673

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

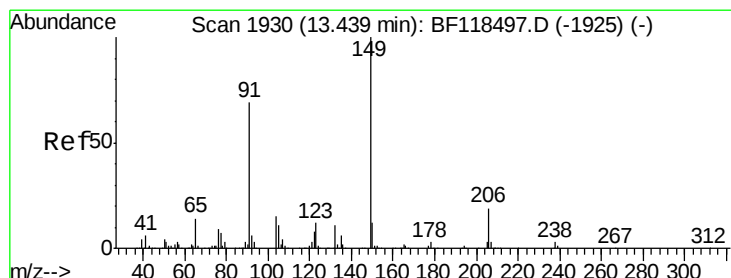
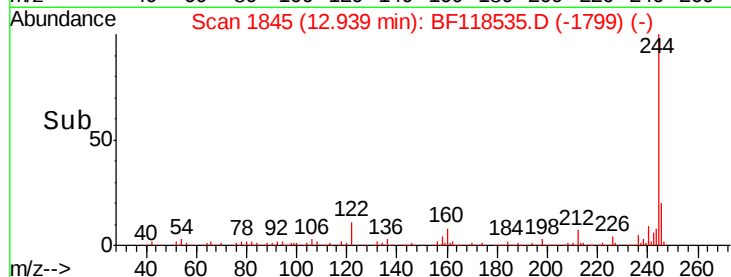
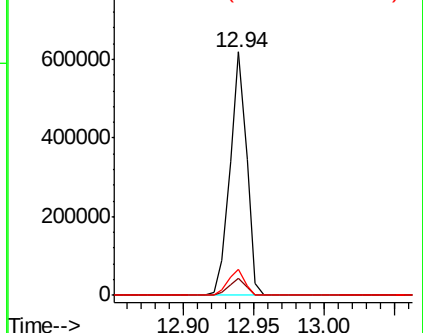
122 10.6 9.0 13.6



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: 65.021 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

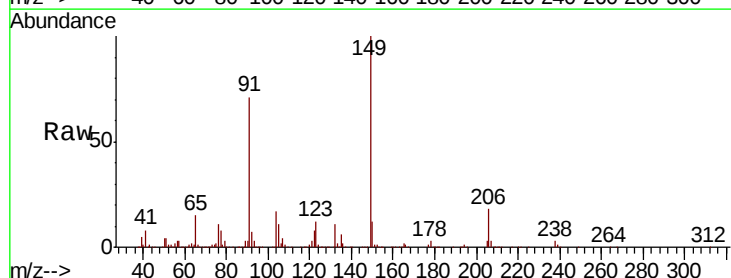
Tgt Ion:149 Resp: 449496

Ion Ratio Lower Upper

149 100

91 71.2 55.2 82.8

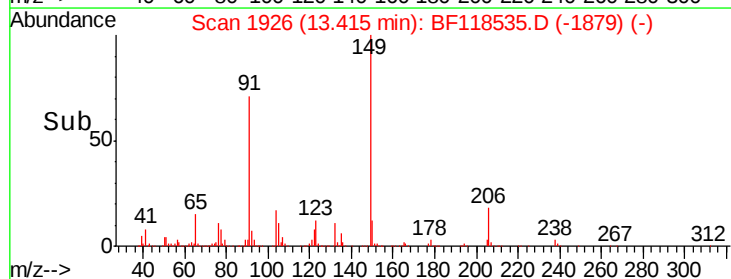
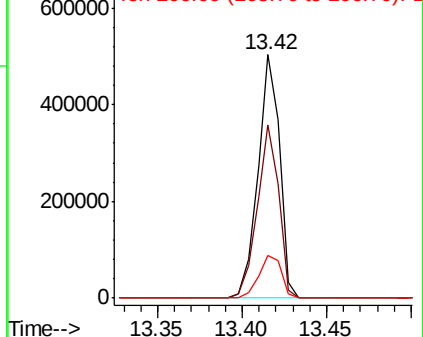
206 17.5 15.1 22.7

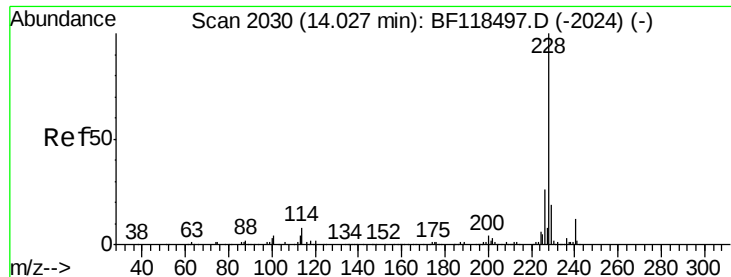


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.883 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.03 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

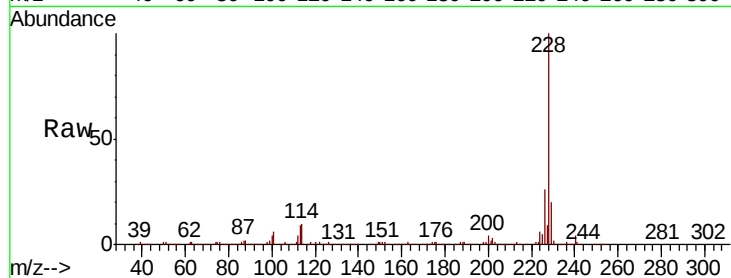
Tot Ion:228 Resp: 589237

Ion Ratio Lower Upper

228 100

226 26.5 20.7 31.1

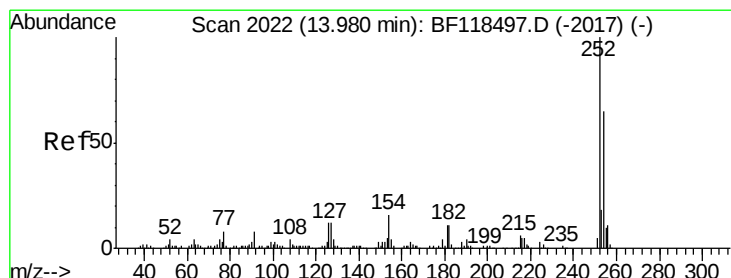
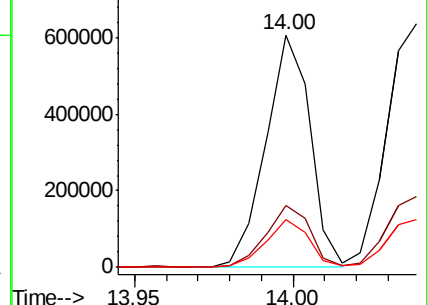
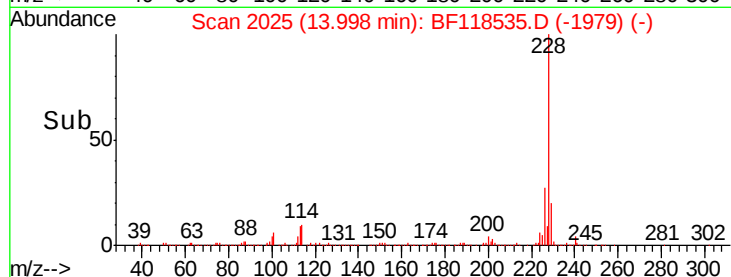
229 20.4 15.4 23.2



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: 40.194 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

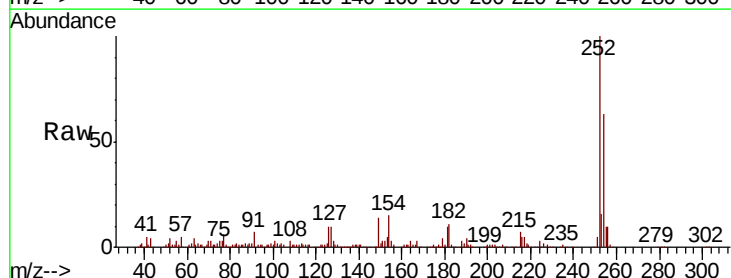
Tgt Ion:252 Resp: 167855

Ion Ratio Lower Upper

252 100

254 63.3 52.1 78.1

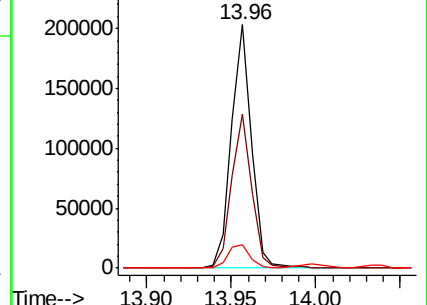
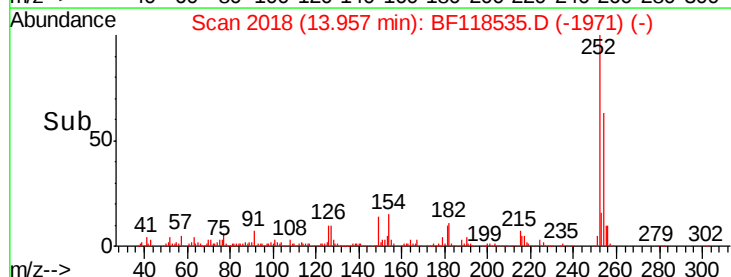
126 9.9 9.6 14.4

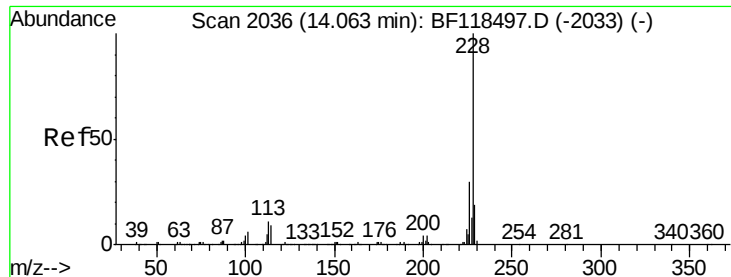


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.482 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

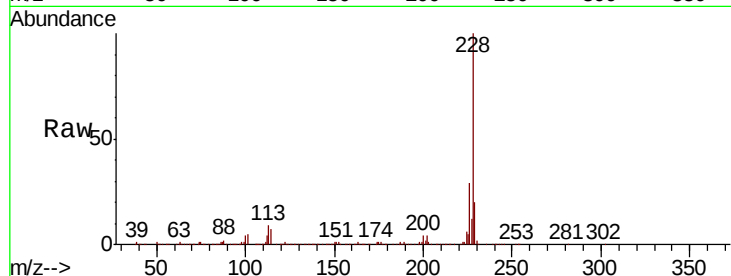
Tot Ion:228 Resp: 567576

Ion Ratio Lower Upper

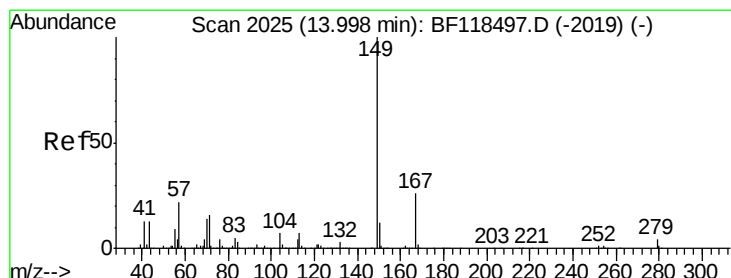
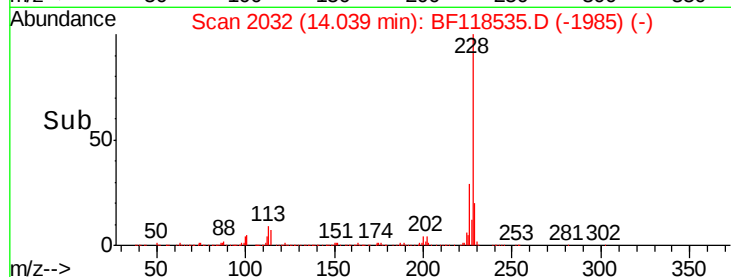
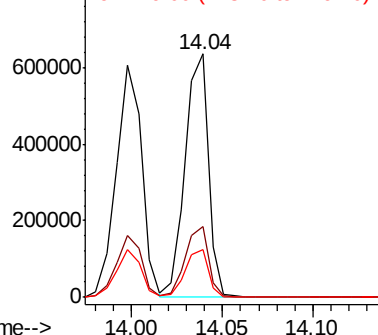
228 100

226 28.9 23.6 35.4

229 19.7 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: 56.904 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

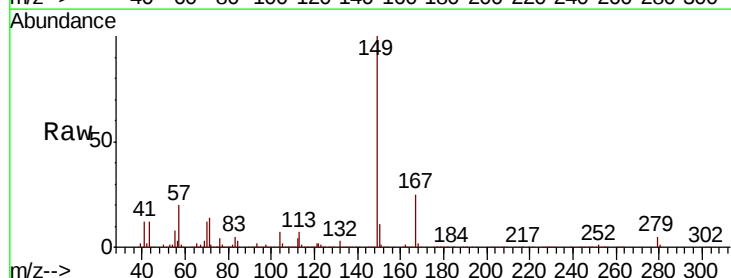
Tgt Ion:149 Resp: 534128

Ion Ratio Lower Upper

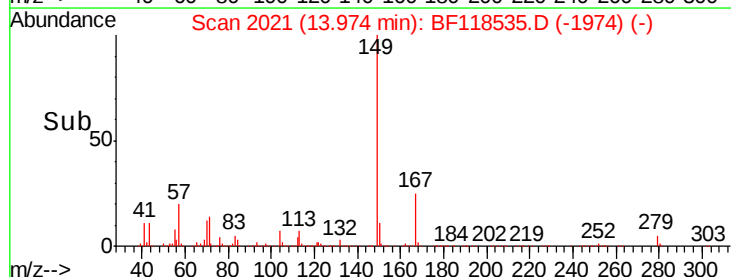
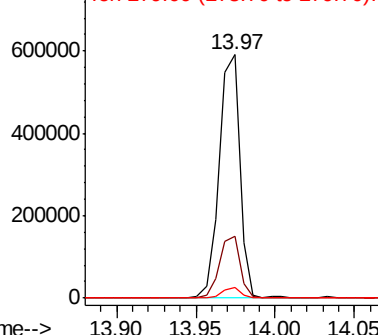
149 100

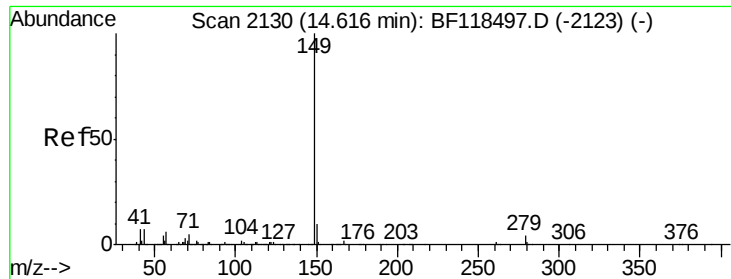
167 25.2 20.6 30.8

279 4.5 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: 55.869 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.03 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

ClientSampled :

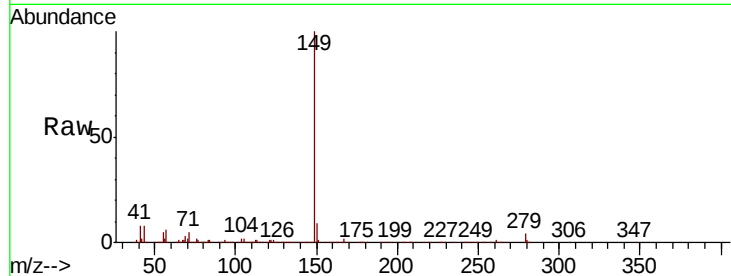
Tot Ion:149 Resp: 752201

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

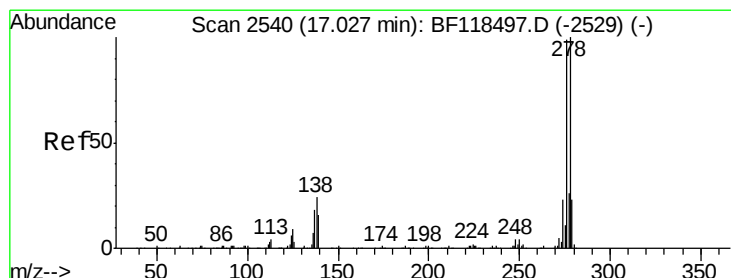
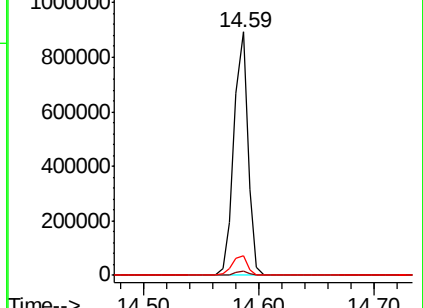
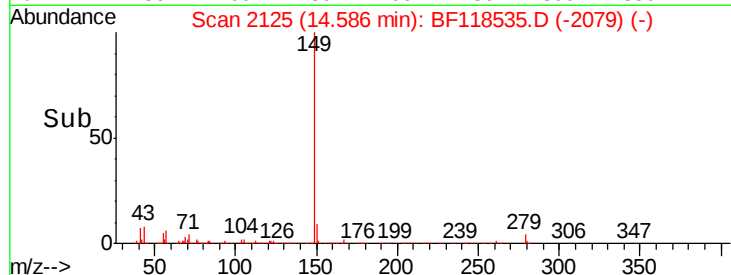
43 8.3 6.4 9.6



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: 71.291 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.04 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

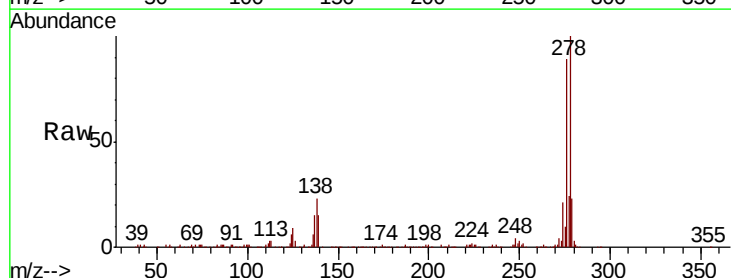
Tgt Ion:276 Resp: 716242

Ion Ratio Lower Upper

276 100

138 23.6 19.0 28.4

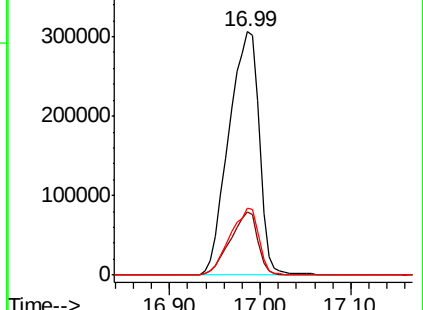
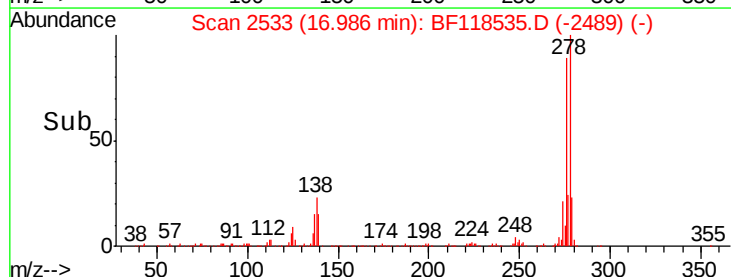
277 26.1 20.5 30.7

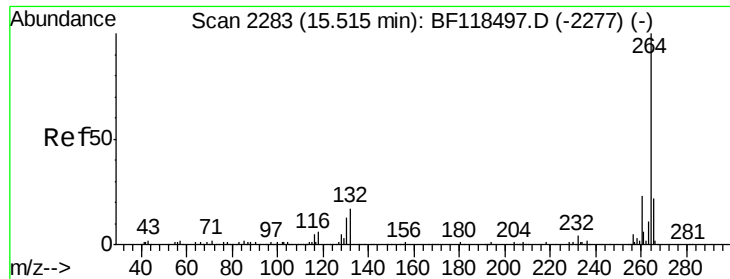


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

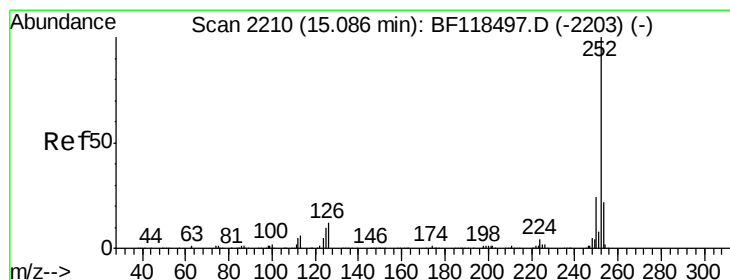
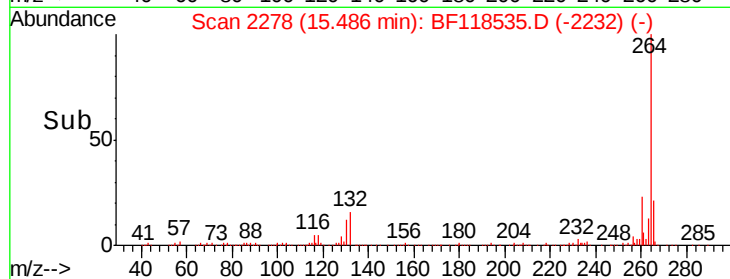
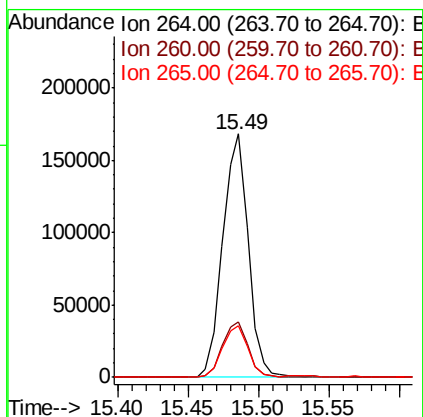
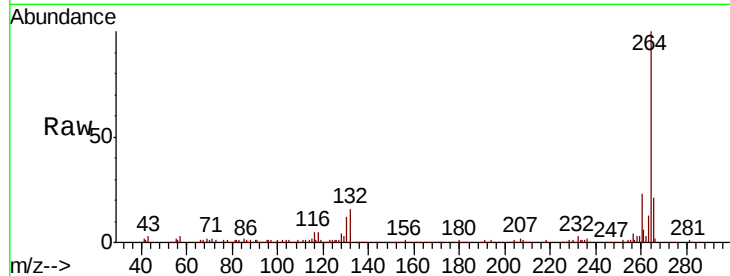




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.03 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

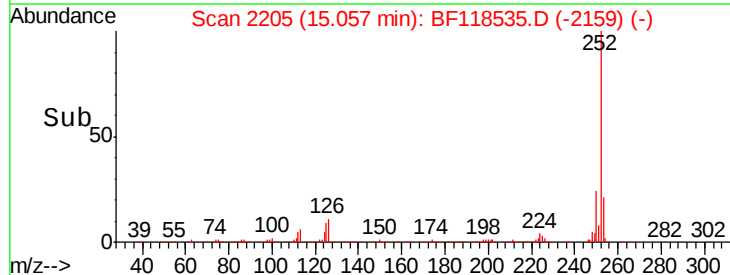
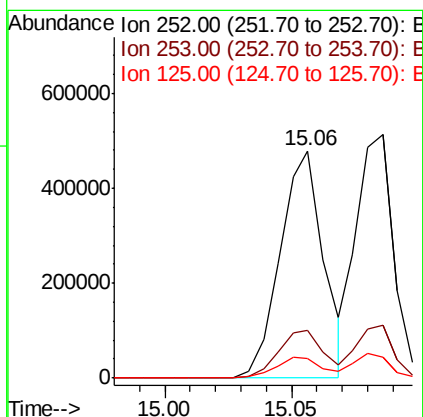
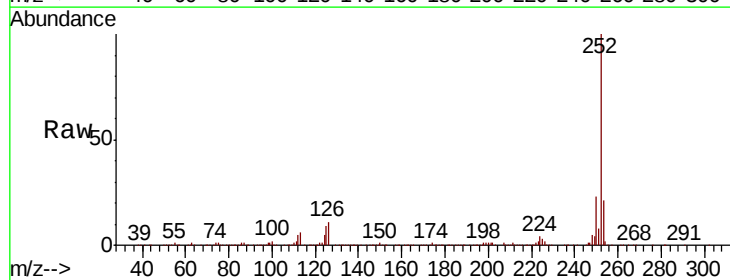
Instrument :
BNA_F
ClientSampleId :

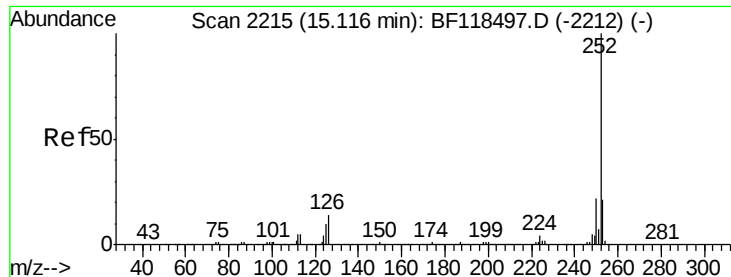
Tot Ion:264 Resp: 211958
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 21.1 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 37.318 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.03 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion:252 Resp: 571867
Ion Ratio Lower Upper
252 100
253 21.2 17.6 26.4
125 8.6 7.8 11.6

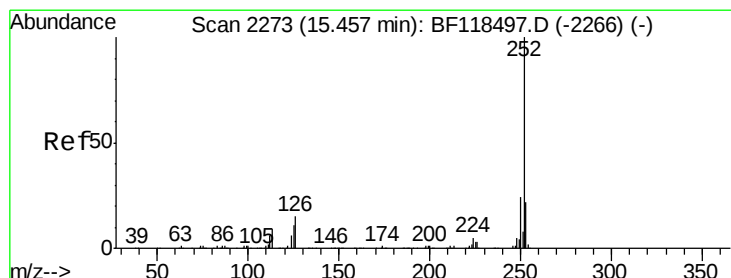
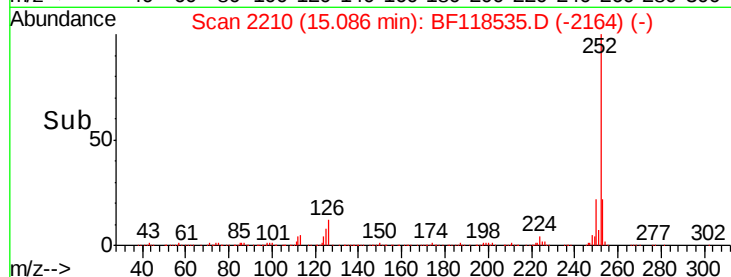
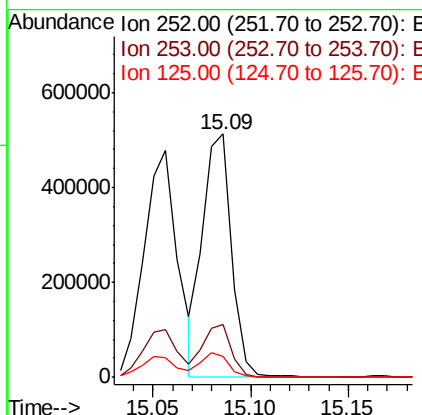
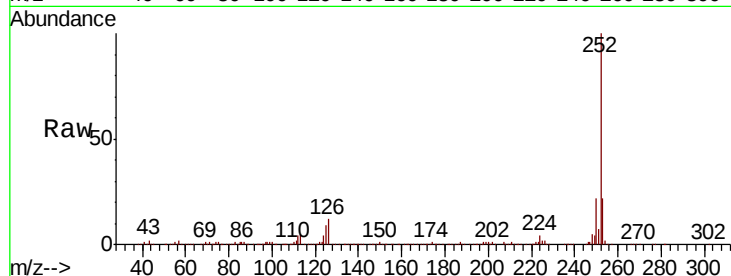




#89
Benzo(k)fluoranthene
Concen: 35.917 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.03 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

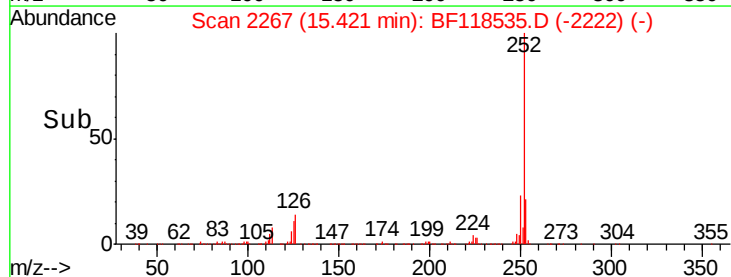
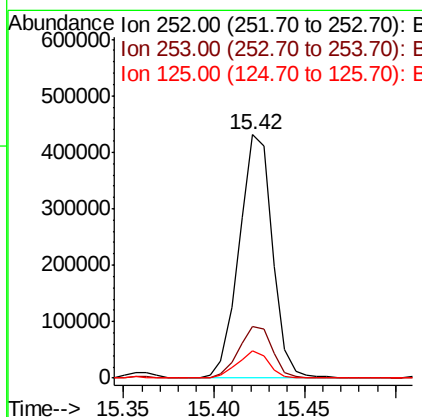
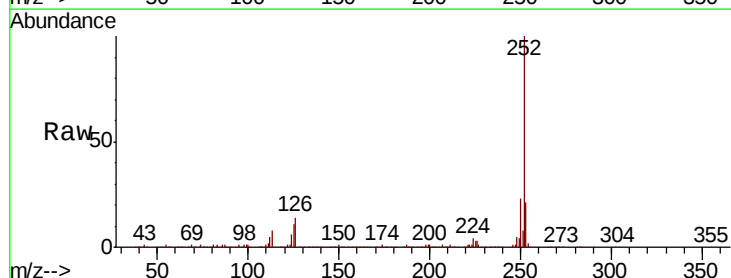
Instrument :
BNA_F
ClientSampleId :

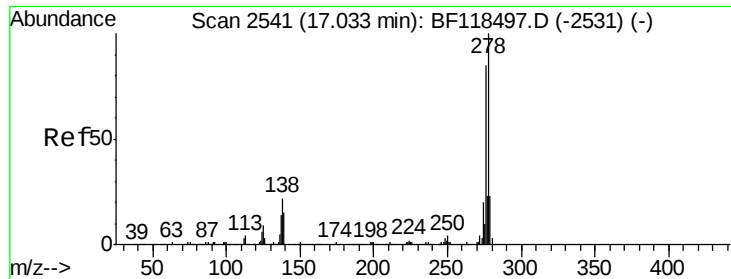
Tot Ion:252 Resp: 525373
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 8.5 7.8 11.6



#90
Benzo(a)pyrene
Concen: 43.588 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.04 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion:252 Resp: 547380
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 11.4 9.0 13.6

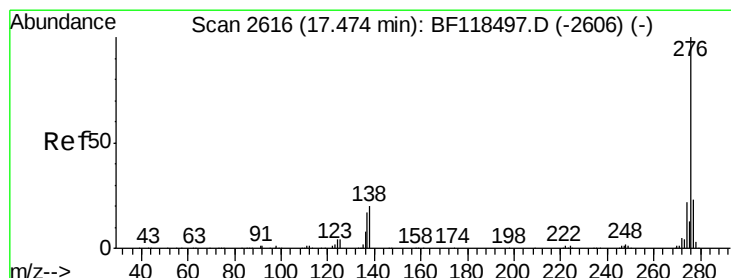
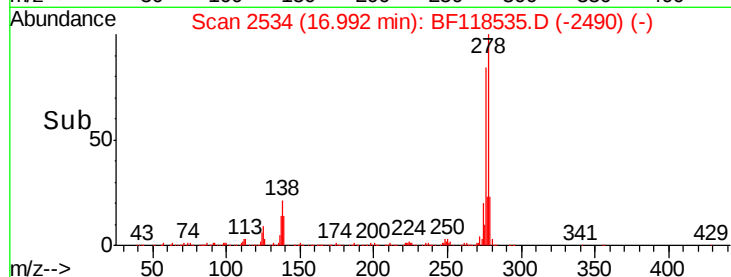
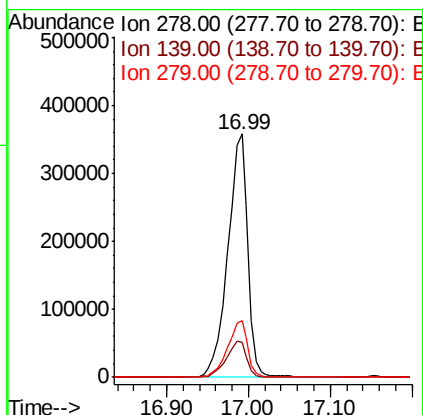
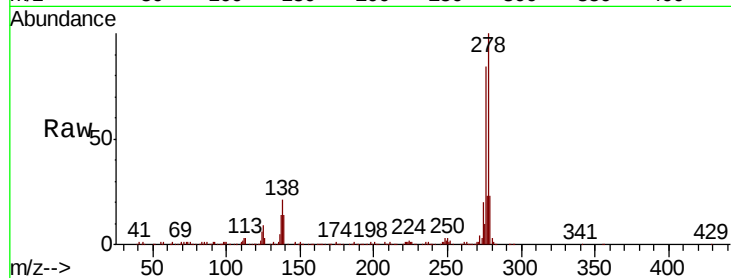




#91
Dibenzo(a,h)anthracene
Concen: 51.734 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.04 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 609195
Ion Ratio Lower Upper
278 100
139 14.4 11.9 17.9
279 23.2 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 46.464 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.04 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion:276 Resp: 518414
Ion Ratio Lower Upper
276 100
277 22.9 18.2 27.4
138 19.7 16.3 24.5

