

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119251.D
 Acq On : 6 Mar 2020 15:38
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 23:46:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	119922	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	447860	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	255251	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	493455	20.00	ng	0.00
76) Chrysene-d12	13.89	240	372160	20.00	ng	0.00
87) Perylene-d12	15.31	264	329663	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	599597	83.56	ng	0.00
7) Phenol-d6	6.38	99	713927	81.80	ng	0.00
23) Nitrobenzene-d5	7.29	82	686418	80.92	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	269005	80.56	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1360365	78.51	ng	0.00
79) Terphenyl-d14	12.83	244	1746721	80.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	121717	38.097	ng	100
3) Pyridine	3.10	79	333966	38.275	ng	99
4) n-Nitrosodimethylamine	3.06	42	108533	41.061	ng	95
6) Aniline	6.39	93	430853	40.010	ng	# 81
8) 2-Chlorophenol	6.52	128	318535	41.132	ng	97
9) Benzaldehyde	6.28	77	198510	34.045	ng	95
10) Phenol	6.39	94	384662	40.767	ng	81
11) bis(2-Chloroethyl)ether	6.46	93	293469	40.649	ng	98
12) 1,3-Dichlorobenzene	6.67	146	381413	41.092	ng	98
13) 1,4-Dichlorobenzene	6.74	146	381520	41.076	ng	99
14) 1,2-Dichlorobenzene	6.90	146	351837	41.535	ng	98
15) Benzyl Alcohol	6.88	79	267004	42.331	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	250533	40.060	ng	# 56
17) 2-Methylphenol	7.00	107	253956	40.448	ng	95
18) Hexachloroethane	7.23	117	137755	41.455	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	220355	43.331	ng	99
20) 3+4-Methylphenols	7.15	107	335689	43.640	ng	95
22) Acetophenone	7.14	105	436860	42.159	ng	# 95
24) Nitrobenzene	7.31	77	342055	40.779	ng	96
25) Isophorone	7.55	82	591028	40.121	ng	99
26) 2-Nitrophenol	7.63	139	177237	39.879	ng	96
27) 2,4-Dimethylphenol	7.67	122	235646	39.067	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	380903	39.725	ng	98
29) 2,4-Dichlorophenol	7.88	162	282495	39.783	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	327977	38.956	ng	99
31) Naphthalene	8.03	128	934461	40.232	ng	98
32) Benzoic acid	7.84	122	154703	36.938	ng	96
33) 4-Chloroaniline	8.09	127	401251	40.165	ng	98
34) Hexachlorobutadiene	8.15	225	208995	39.852	ng	98
35) Caprolactam	8.46	113	66318	30.331	ng	99
36) 4-Chloro-3-methylphenol	8.59	107	299035	41.611	ng	97
37) 2-Methylnaphthalene	8.72	142	634792	40.611	ng	98
38) 1-Methylnaphthalene	8.82	142	598869	40.739	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	335107	38.939	ng	99

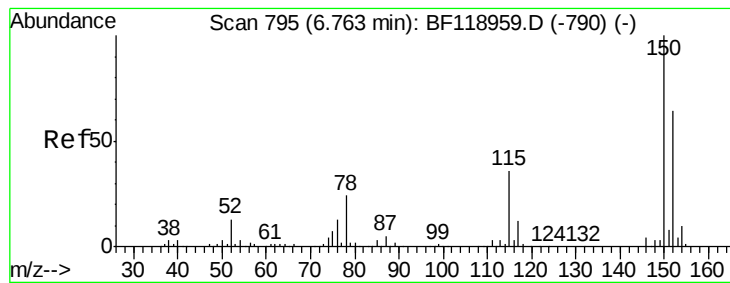
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119251.D
 Acq On : 6 Mar 2020 15:38
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 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	89806	34.696	nq	99
43) 2,4,6-Trichlorophenol	9.01	196	204346	37.601	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	205882	36.101	nq	98
46) 1,1'-Biphenyl	9.19	154	825320	40.007	nq	98
47) 2-Chloronaphthalene	9.21	162	655203	39.412	nq	97
48) 2-Nitroaniline	9.32	65	194099	41.860	nq	98
49) Acenaphthylene	9.62	152	944123	39.321	nq	99
50) Dimethylphthalate	9.49	163	790455	40.498	nq	100
51) 2,6-Dinitrotoluene	9.56	165	172663	39.817	nq	95
52) Acenaphthene	9.79	154	576335	39.808	nq	100
53) 3-Nitroaniline	9.73	138	193916	40.336	nq	94
54) 2,4-Dinitrophenol	9.85	184	73743	39.195	nq	93
55) Dibenzofuran	9.97	168	849874	39.329	nq	99
56) 4-Nitrophenol	9.92	139	94469	32.706	nq	93
57) 2,4-Dinitrotoluene	9.97	165	223406	39.746	nq	99
58) Fluorene	10.31	166	709464	42.250	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	172569	35.862	nq	97
60) Diethylphthalate	10.19	149	778209	42.308	nq	100
61) 4-Chlorophenyl-phenylether	10.30	204	371720	41.822	nq	98
62) 4-Nitroaniline	10.35	138	197078	40.068	nq	94
63) Azobenzene	10.46	77	669983	41.905	nq	95
65) 4,6-Dinitro-2-methylphenol	10.38	198	117546	39.366	nq	99
66) n-Nitrosodiphenylamine	10.42	169	632552	39.149	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	249122	38.623	nq	97
68) Hexachlorobenzene	10.86	284	287420	38.649	nq	96
69) Atrazine	10.95	200	198692	35.196	nq	99
70) Pentachlorophenol	11.07	266	165453	55.231	nq	98
71) Phenanthrene	11.27	178	1058482	39.333	nq	99
72) Anthracene	11.32	178	1068319	39.732	nq	99
73) Carbazole	11.48	167	959245	40.045	nq	98
74) Di-n-butylphthalate	11.80	149	1230528	42.419	nq	99
75) Fluoranthene	12.46	202	1156770	40.496	nq	98
77) Benzidine	12.58	184	664822	43.925	nq	99
78) Pyrene	12.69	202	1153977	38.615	nq	99
80) Butylbenzylphthalate	13.30	149	522533	41.546	nq	98
81) Benzo(a)anthracene	13.87	228	1021542	40.285	nq	98
82) 3,3'-Dichlorobenzidine	13.83	252	393977	40.012	nq	99
83) Chrysene	13.92	228	998531	39.519	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	703909	44.300	nq	100
85) Di-n-octyl phthalate	14.46	149	1075507	42.482	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	808758	33.057	nq	100
88) Benzo(b)fluoranthene	14.90	252	861384	39.641	nq	99
89) Benzo(k)fluoranthene	14.93	252	891866	44.289	nq	99
90) Benzo(a)pyrene	15.25	252	781734	39.861	nq	99
91) Dibenzo(a,h)anthracene	16.72	278	670224	38.840	nq	99
92) Benzo(g,h,i)perylene	17.14	276	631018	37.011	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

Instrument :

BNA_F

ClientSampled :

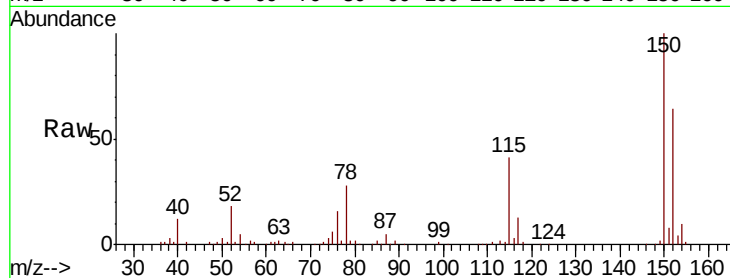
Tot Ion:152 Resp: 119922

Ion Ratio Lower Upper

152 100

150 157.4 123.0 184.6

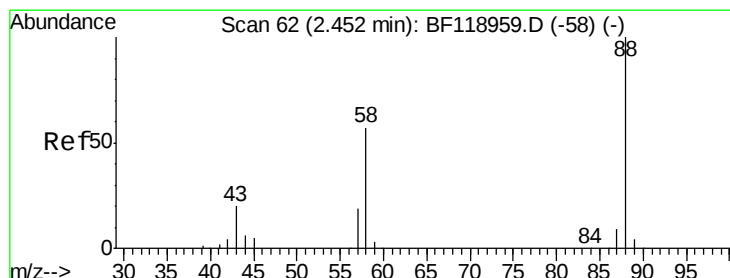
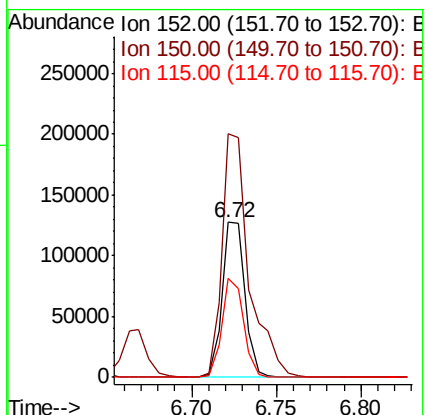
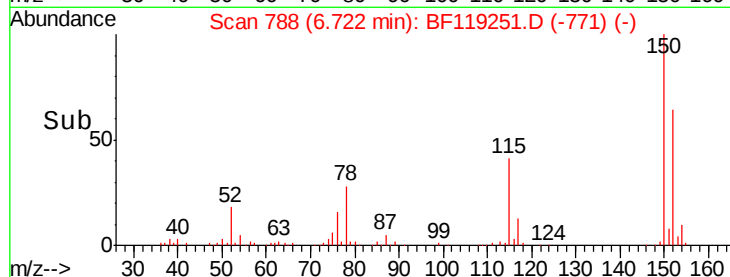
115 64.0 49.5 74.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.097 ng

RT: 2.38 min Scan# 50

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

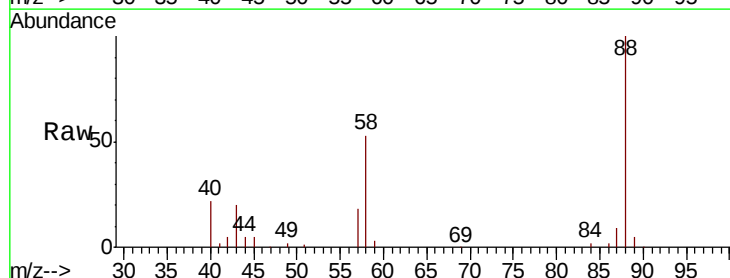
Tgt Ion: 88 Resp: 121717

Ion Ratio Lower Upper

88 100

58 54.5 43.8 65.6

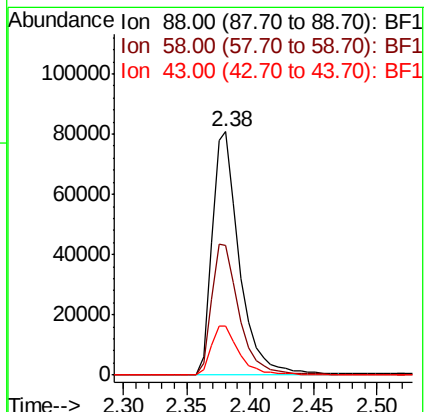
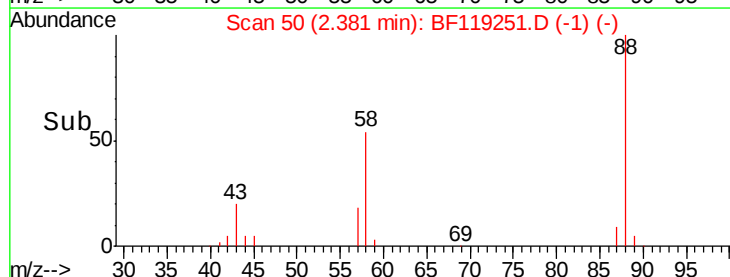
43 20.7 16.2 24.4

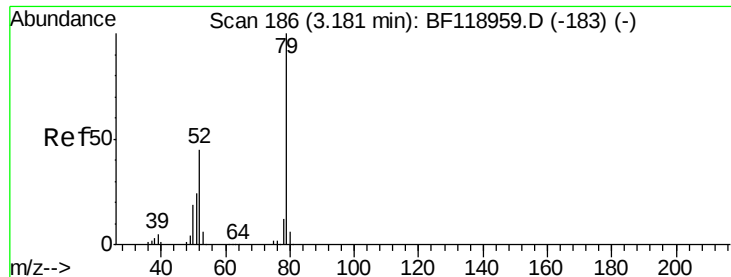


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.275 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

Instrument :

BNA_F

ClientSampleId :

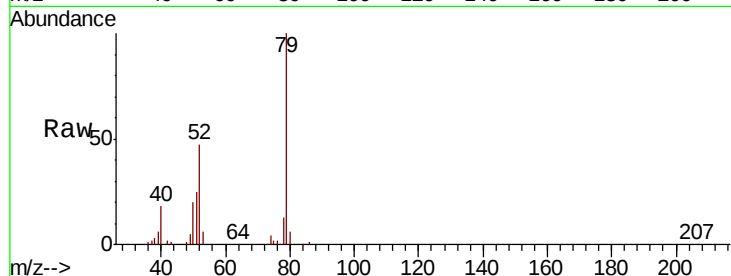
Tot Ion: 79 Resp: 333966

Ion Ratio Lower Upper

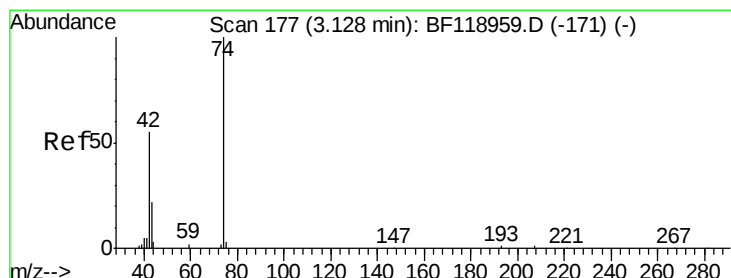
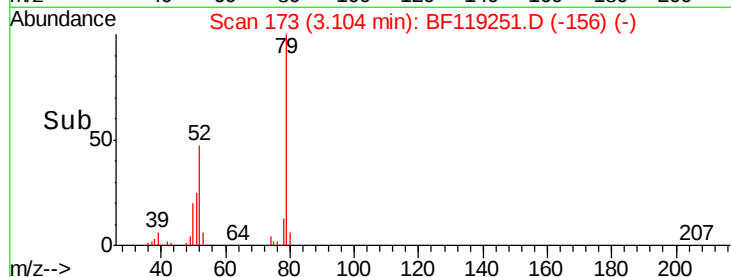
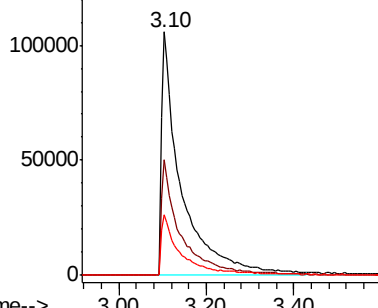
79 100

52 47.5 37.4 56.0

51 25.1 19.8 29.6



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: 41.061 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

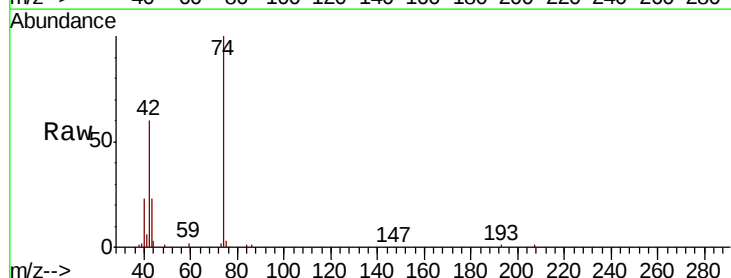
Tgt Ion: 42 Resp: 108533

Ion Ratio Lower Upper

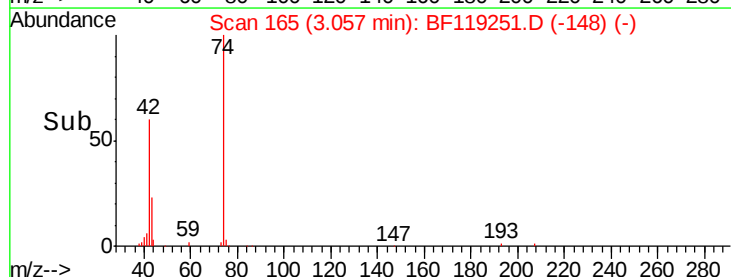
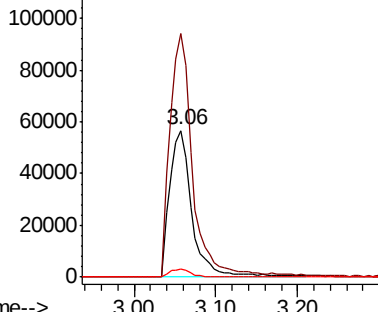
42 100

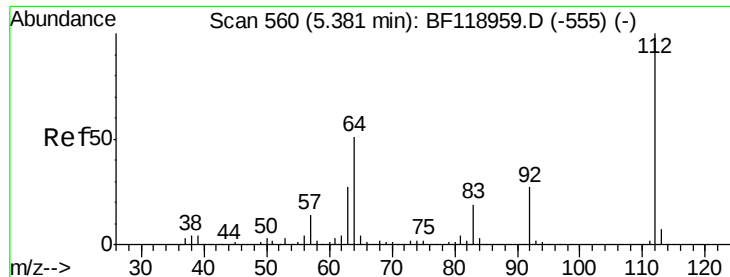
74 165.7 137.7 206.5

44 5.5 4.5 6.7



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: 83.557 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF119251.D

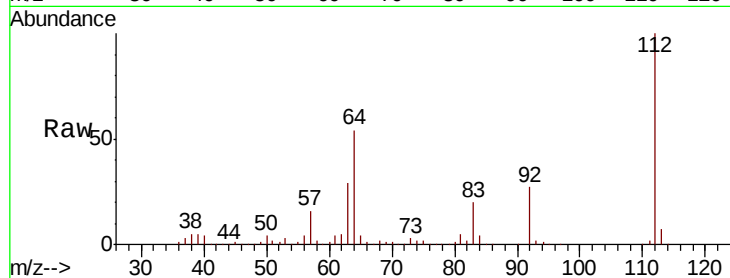
Acq: 6 Mar 2020 15:38

Instrument :

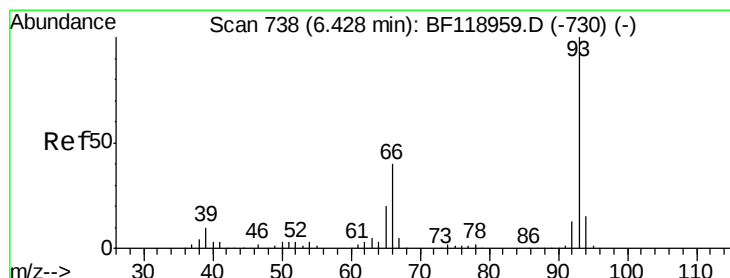
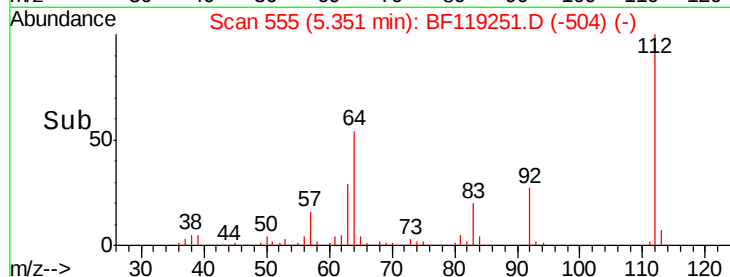
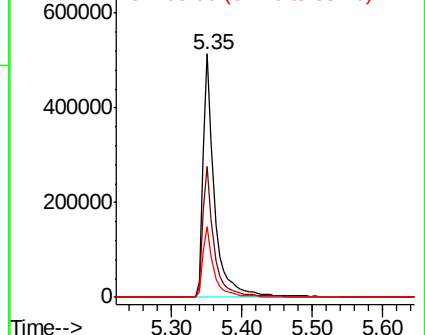
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	599597
Ion	Ratio	Lower	Upper
112	100		
64	54.0	45.0	67.4
63	29.3	24.2	36.4



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



#6

Aniline

Concen: 40.010 ng

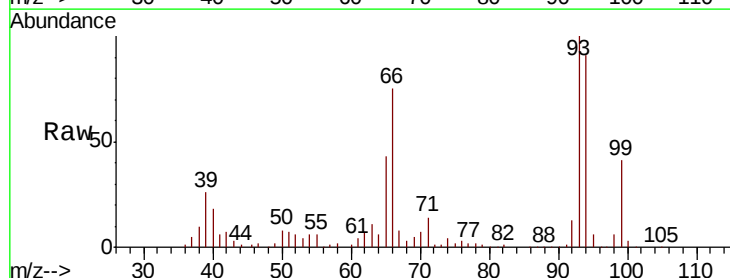
RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

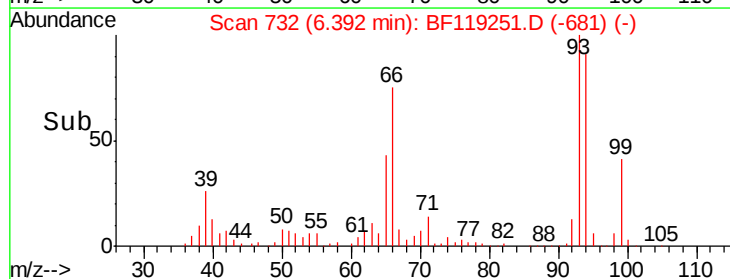
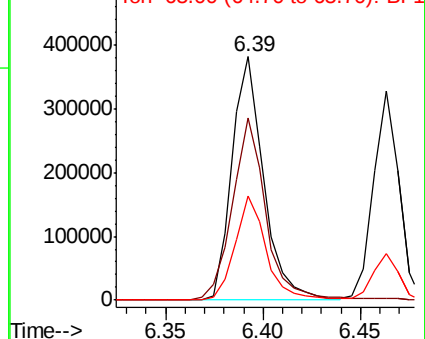
Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

Tgt Ion:	93	Resp:	430853
Ion	Ratio	Lower	Upper
93	100		
66	74.7	74.5	111.7
65	42.5	45.3	67.9#



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: 81.805 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

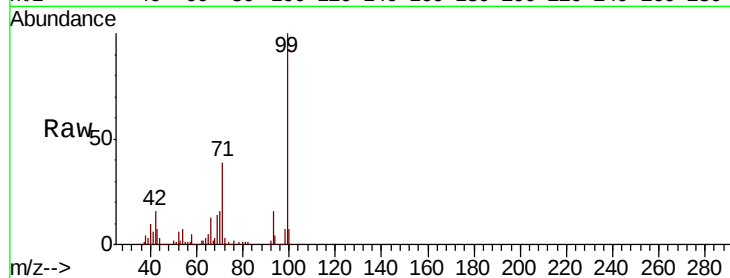
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 713927

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.6	18.8
71	39.2	31.0	46.4

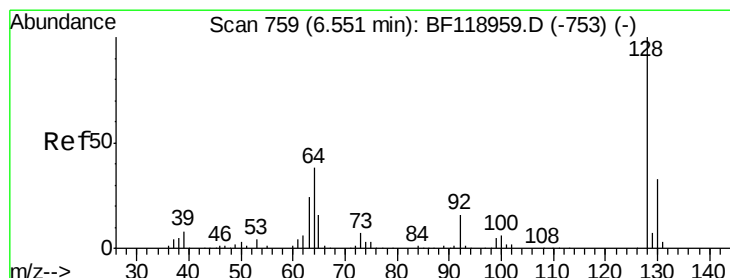
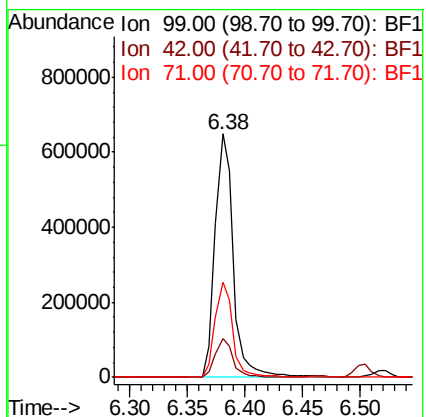
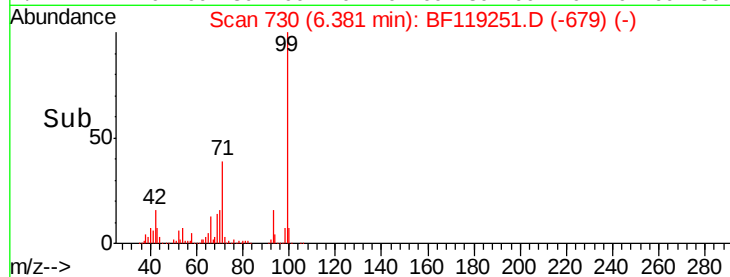


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.132 ng

RT: 6.52 min Scan# 754

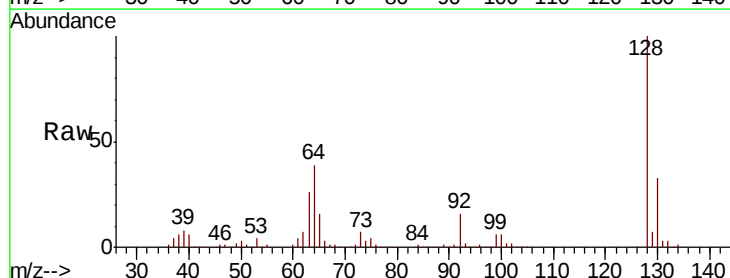
Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

Tgt Ion: 128 Resp: 318535

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.7	52.7
64	39.3	22.3	62.3

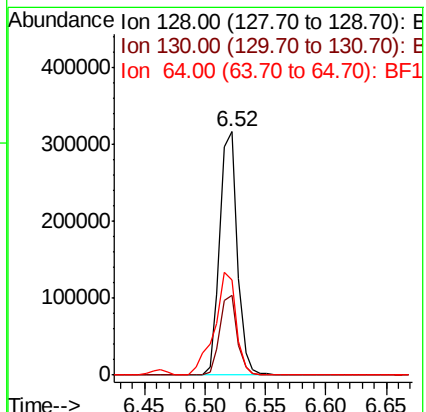
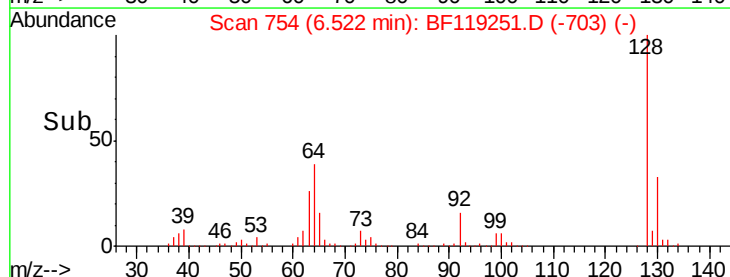


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.045 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

Instrument :

BNA_F

ClientSampleId :

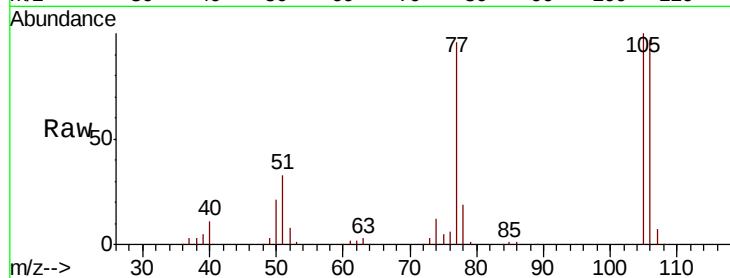
Tot Ion: 77 Resp: 198510

Ion Ratio Lower Upper

77 100

105 104.5 80.1 120.1

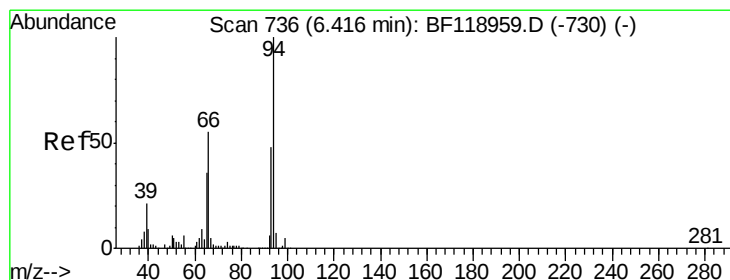
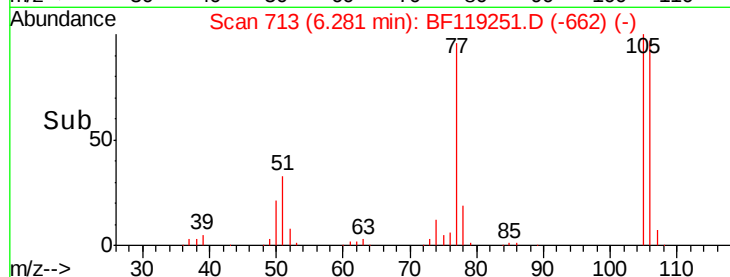
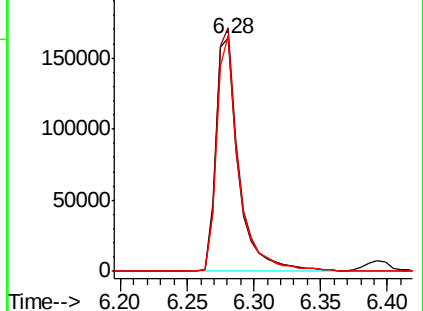
106 101.4 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.767 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

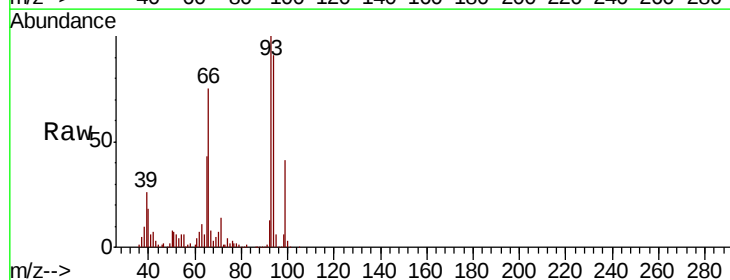
Tgt Ion: 94 Resp: 384662

Ion Ratio Lower Upper

94 100

65 46.9 19.2 59.2

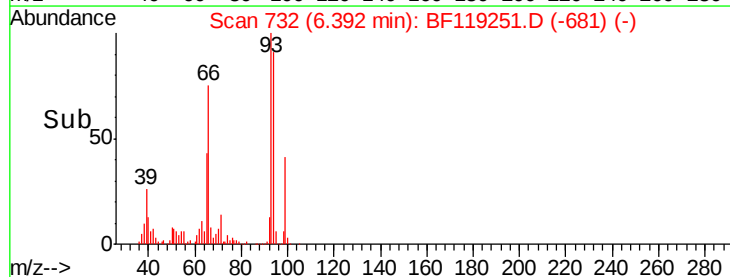
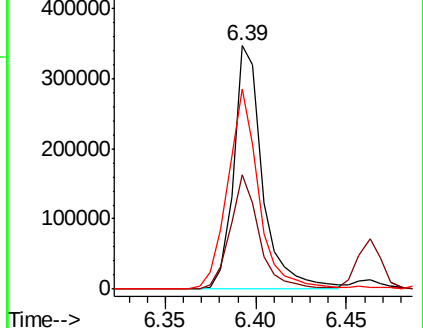
66 82.3 44.4 84.4

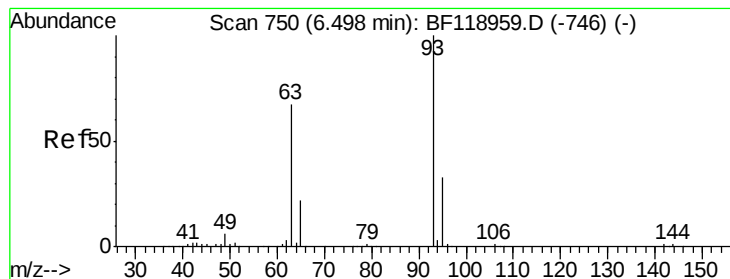


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.649 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

Instrument :

BNA_F

ClientSampleId :

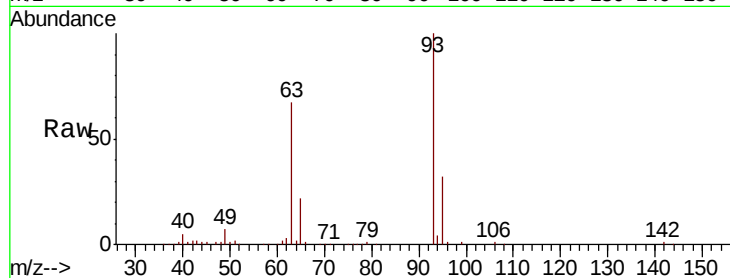
Tot Ion: 93 Resp: 293469

Ion Ratio Lower Upper

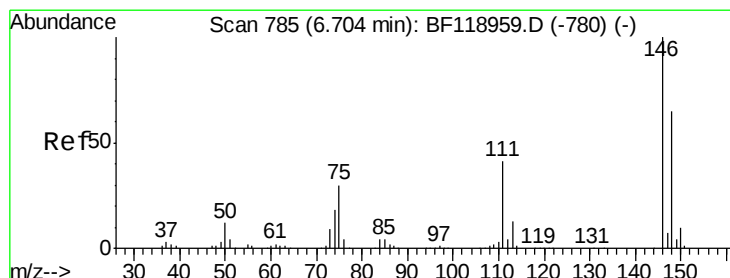
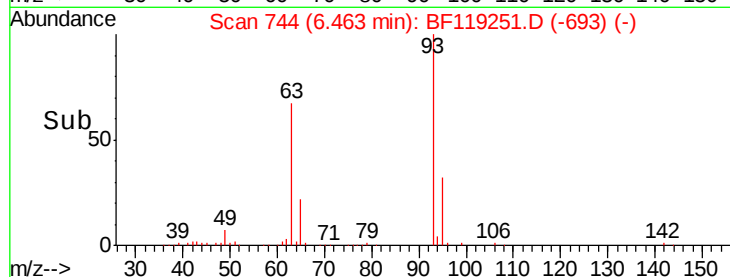
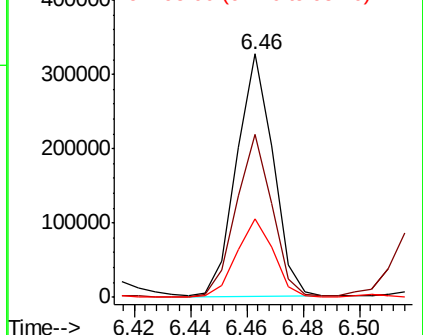
93 100

63 66.7 45.4 85.4

95 32.5 13.5 53.5



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



#12

1,3-Dichlorobenzene

Concen: 41.092 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

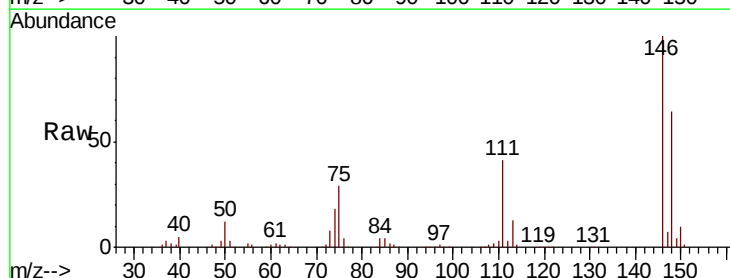
Tgt Ion: 146 Resp: 381413

Ion Ratio Lower Upper

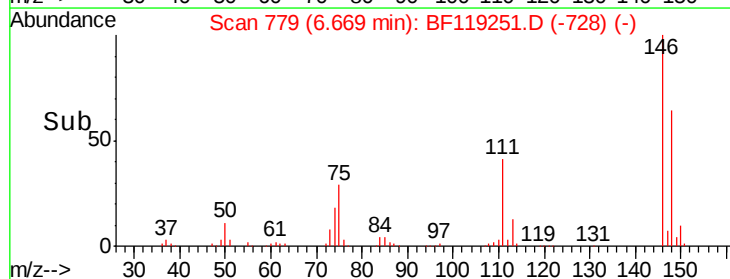
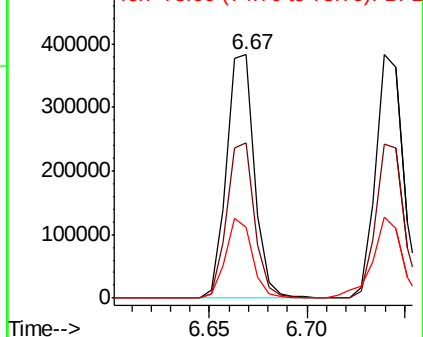
146 100

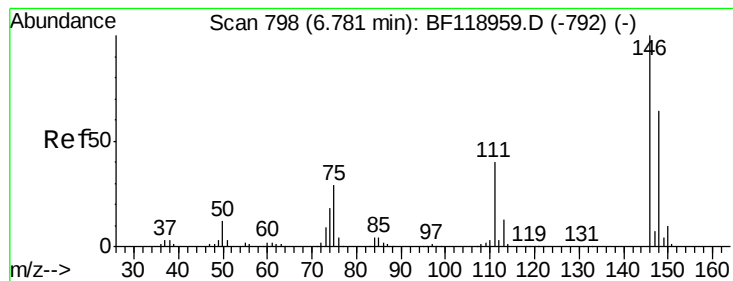
148 64.0 52.5 78.7

75 28.9 23.6 35.4



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





#13

1,4-Dichlorobenzene

Concen: 41.076 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

Instrument :

BNA_F

ClientSampleId :

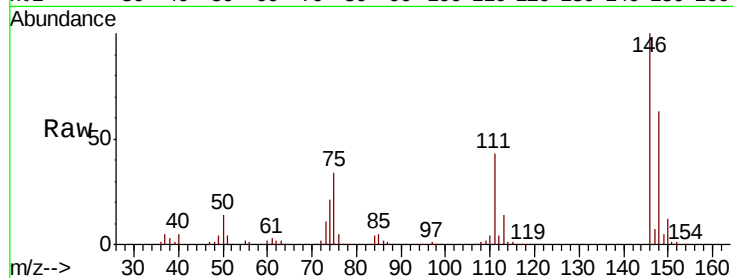
Tot Ion:146 Resp: 381520

Ion Ratio Lower Upper

146 100

148 63.4 51.1 76.7

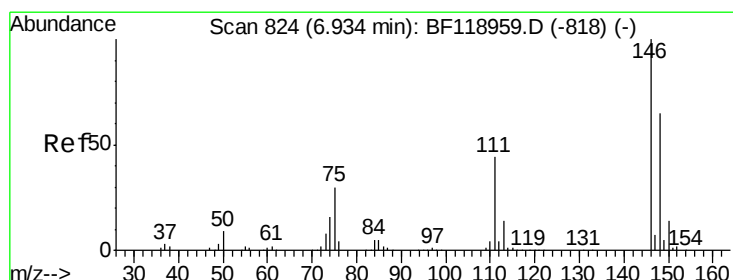
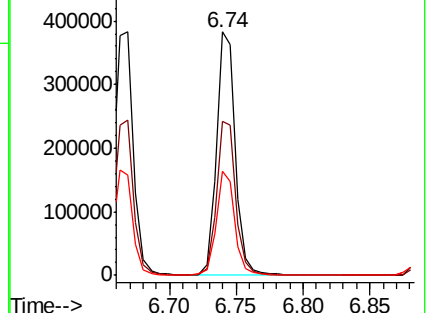
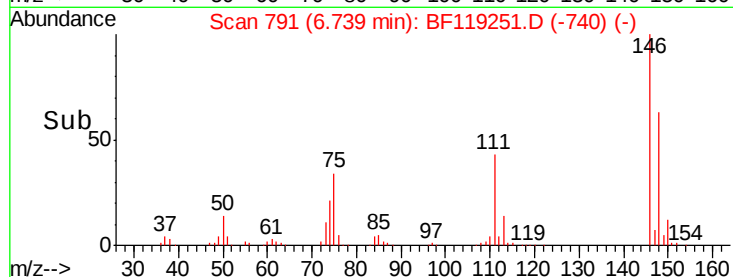
111 42.9 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.535 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

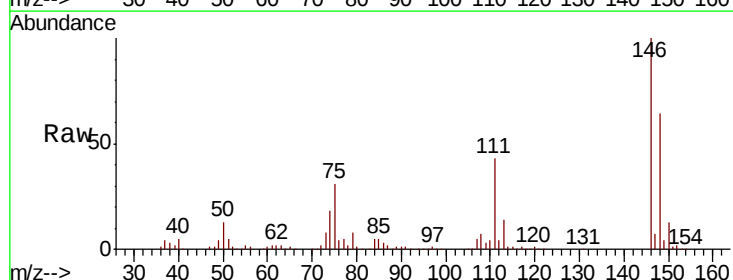
Tgt Ion:146 Resp: 351837

Ion Ratio Lower Upper

146 100

148 64.5 51.9 77.9

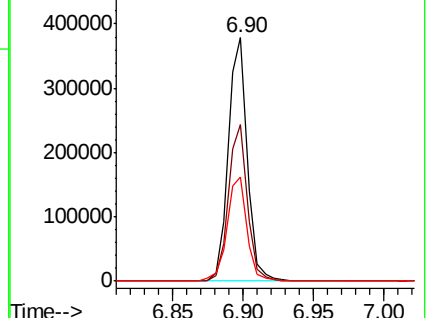
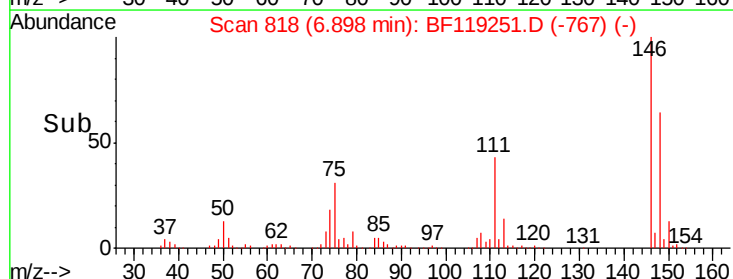
111 42.7 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.331 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

Instrument :

BNA_F

ClientSampleId :

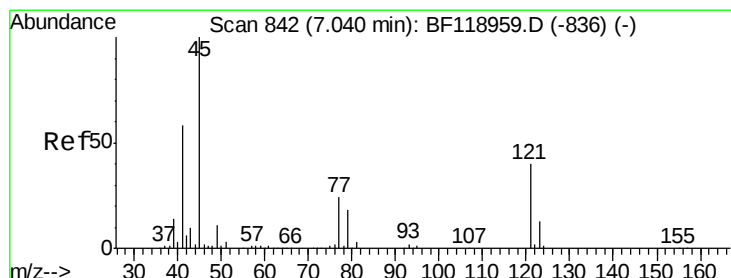
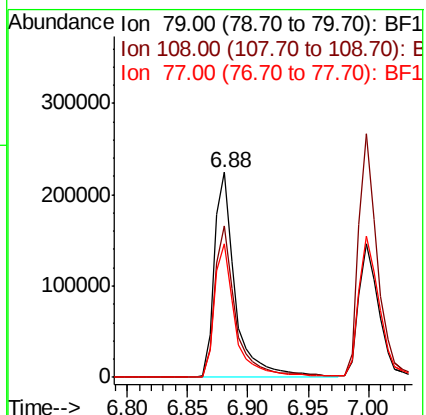
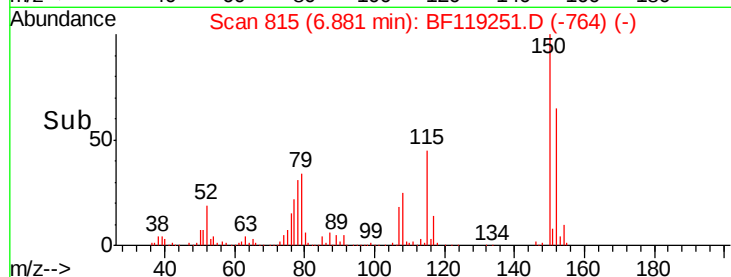
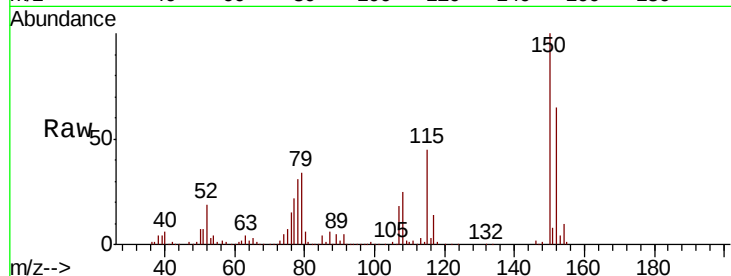
Tot Ion: 79 Resp: 267004

Ion Ratio Lower Upper

79 100

108 74.0 58.2 87.2

77 65.0 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.060 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

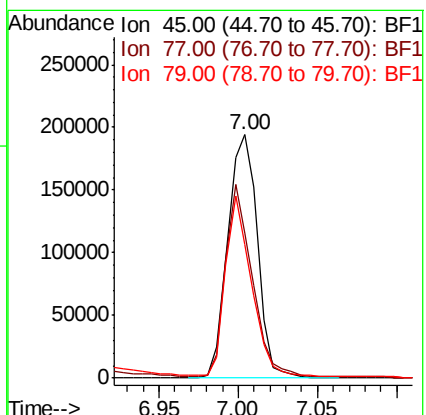
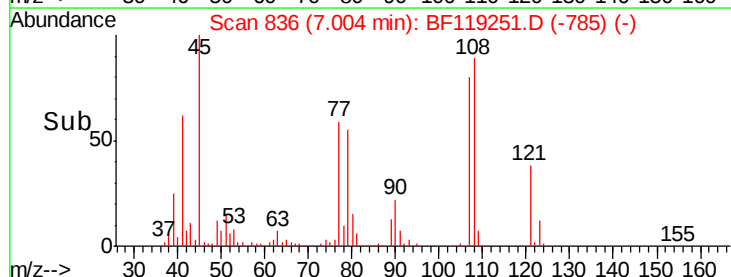
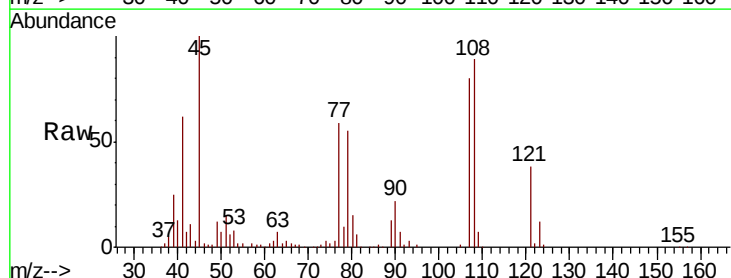
Tgt Ion: 45 Resp: 250533

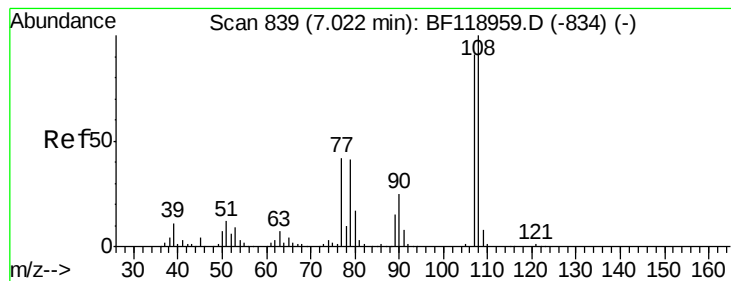
Ion Ratio Lower Upper

45 100

77 59.3 15.0 55.0#

79 54.9 9.4 49.4#

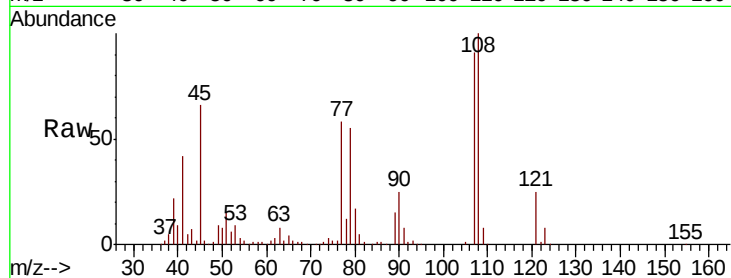




#17
2-Methylphenol
Concen: 40.448 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	253956
Ion	Ratio	Lower	Upper
107	100		
108	110.4	87.9	131.9
77	63.9	45.3	67.9
79	60.3	43.0	64.4



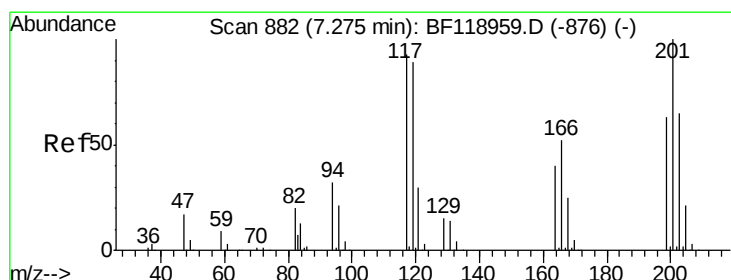
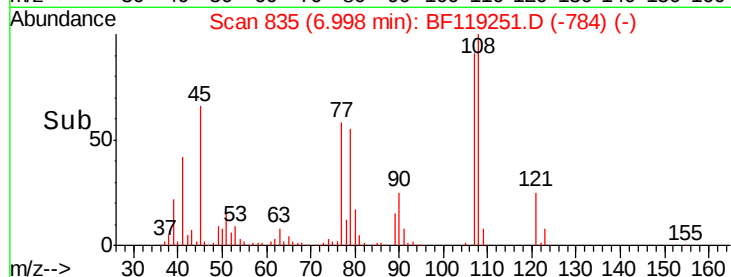
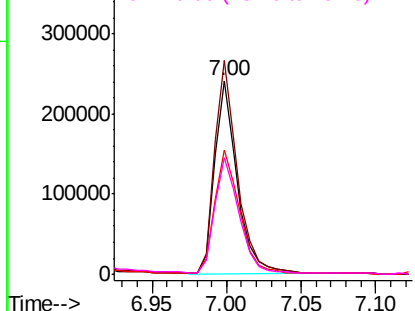
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

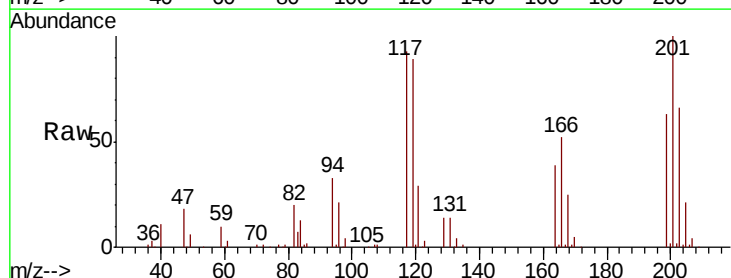
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.455 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Tgt Ion:	117	Resp:	137755
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.5	116.3
201	107.2	82.6	123.8

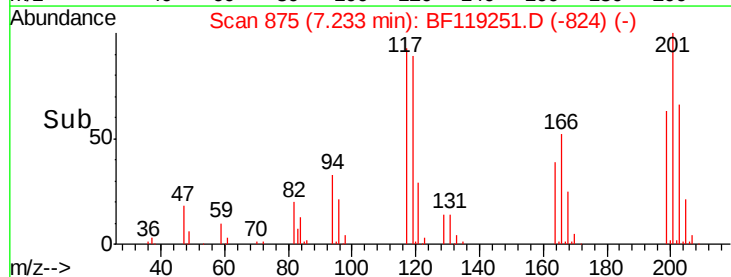
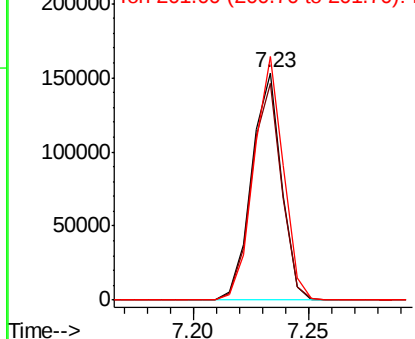


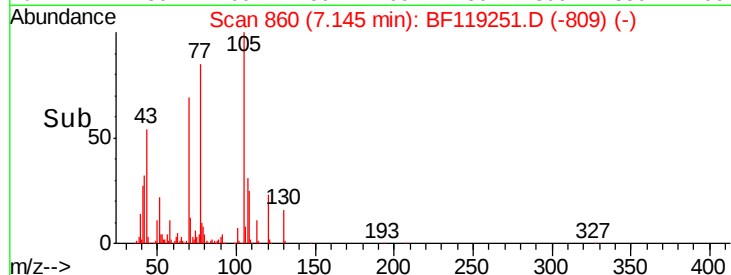
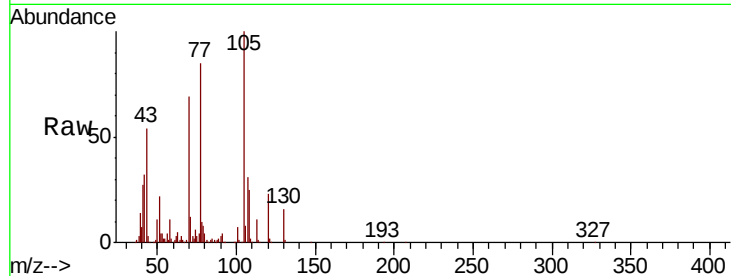
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

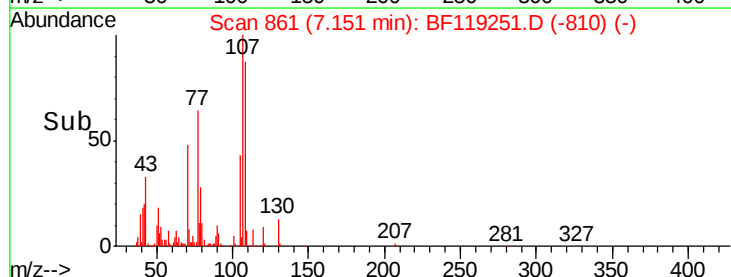
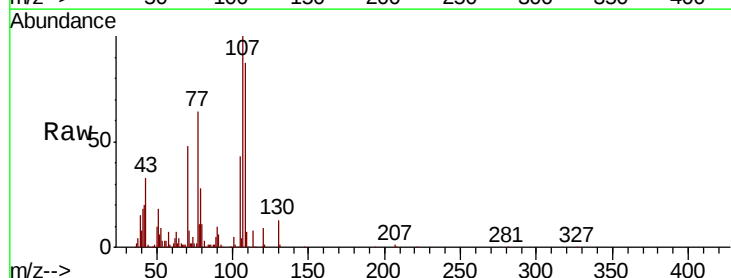
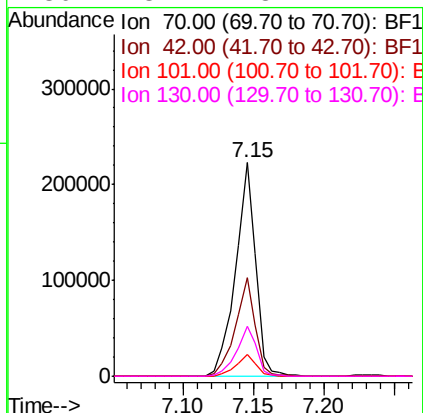




#19
n-Nitroso-di-n-propylamine
Concen: 43.331 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

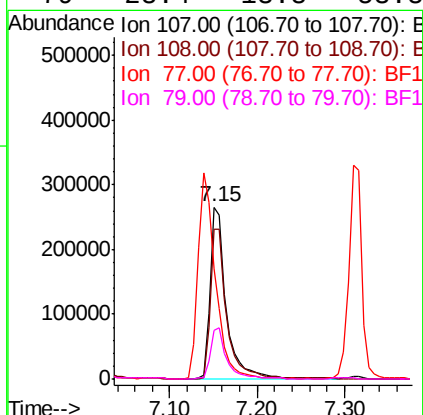
Instrument :
BNA_F
ClientSampleId :

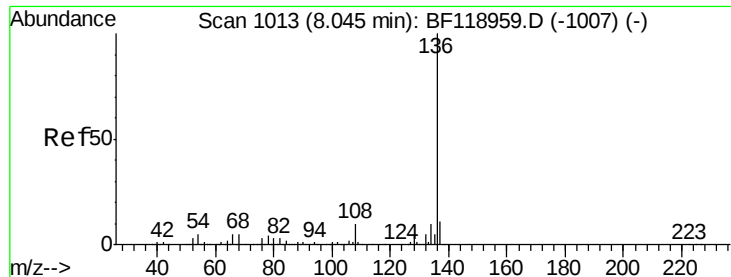
Tot Ion:	70	Resp:	220355
Ion	Ratio	Lower	Upper
70	100		
42	46.3	38.0	57.0
101	10.4	8.2	12.4
130	23.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 43.640 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Tgt Ion:	107	Resp:	335689
Ion	Ratio	Lower	Upper
107	100		
108	86.7	71.5	111.5
77	63.8	45.9	85.9
79	28.4	13.8	53.8

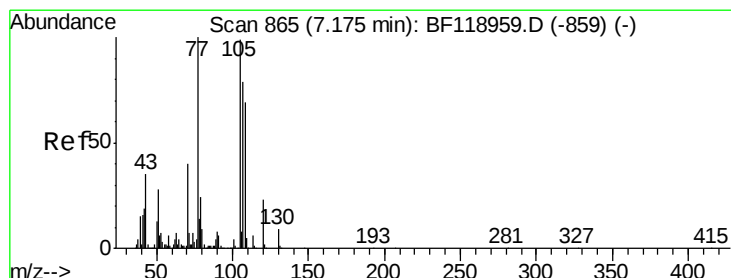
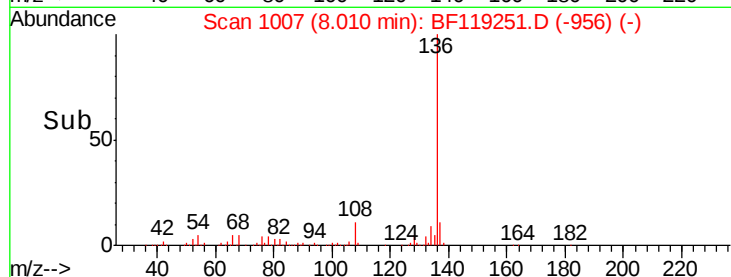
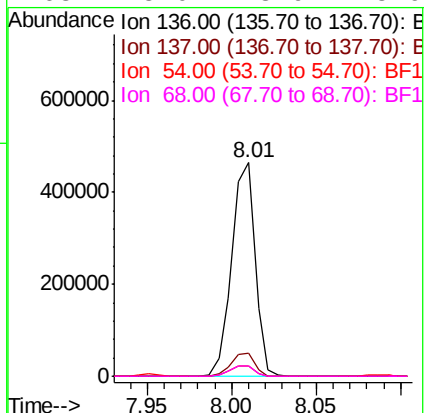
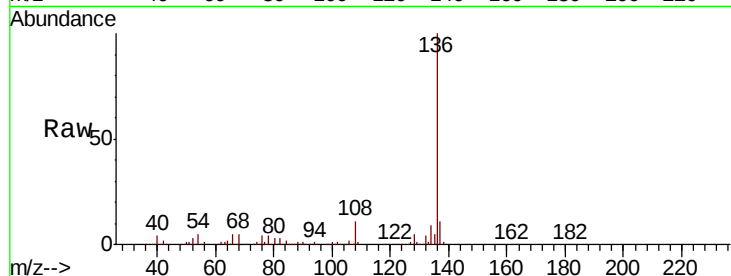




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

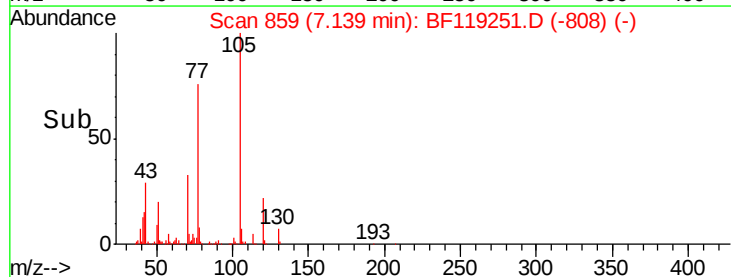
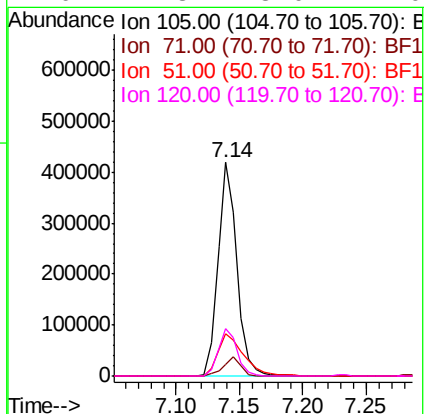
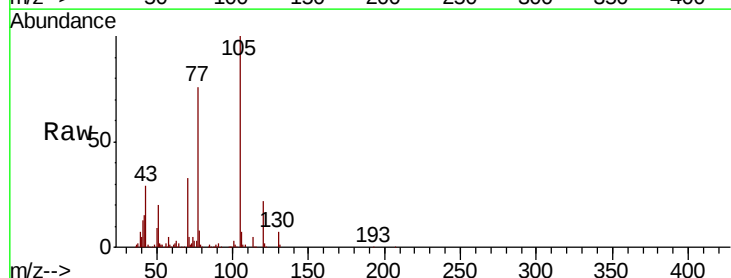
Instrument :
BNA_F
ClientSampleId :

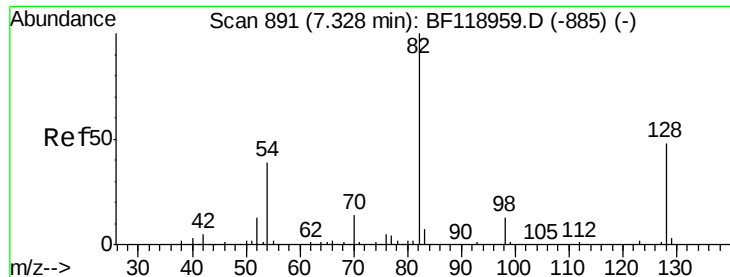
Tot Ion:136	Resp:	447860
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	4.7	3.8 5.6
68	5.0	3.9 5.9



#22
Acetophenone
Concen: 42.159 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Tgt Ion:105	Resp:	436860
Ion Ratio	Lower	Upper
105	100	
71	5.5	3.0 4.4#
51	20.1	20.1 30.1#
120	22.3	18.0 27.0

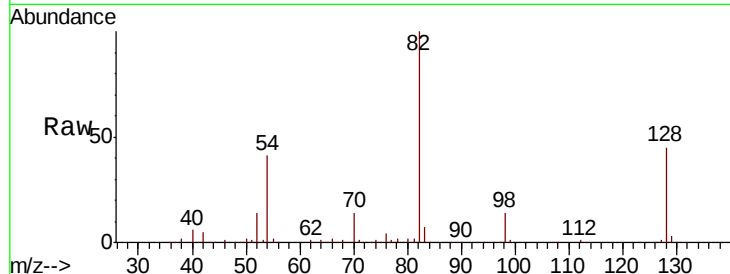




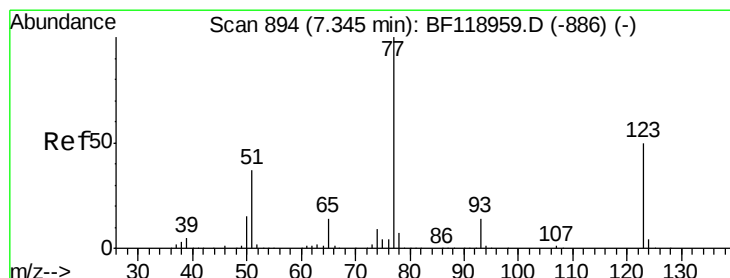
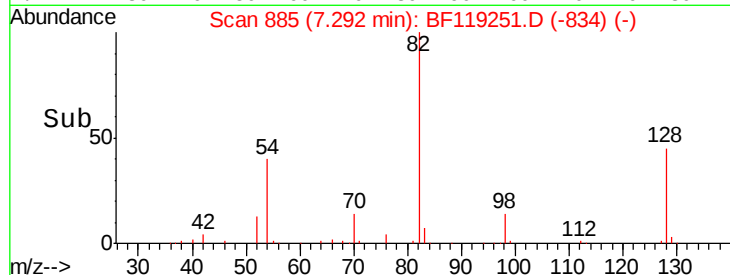
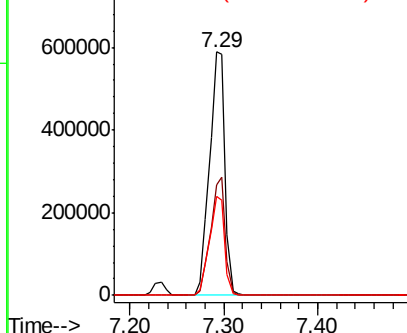
#23
 Nitrobenzene-d5
 Concen: 80.925 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 686418
 Ion Ratio Lower Upper
 82 100
 128 45.4 37.9 56.9
 54 40.9 33.4 50.2

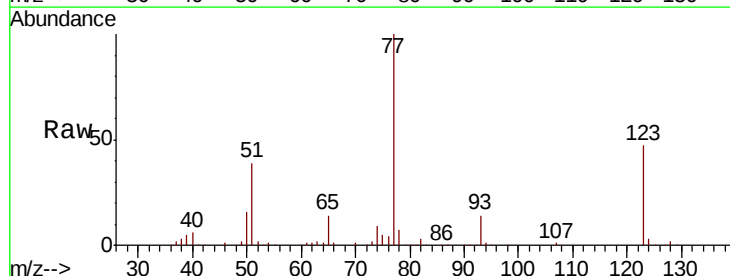


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

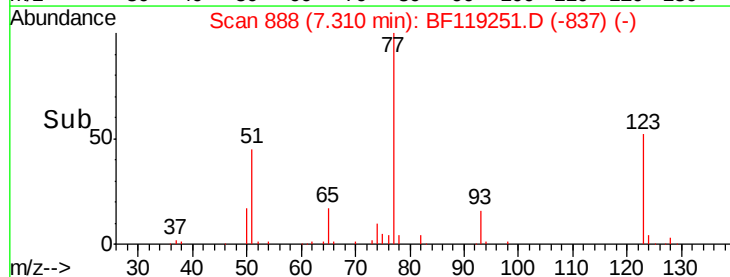
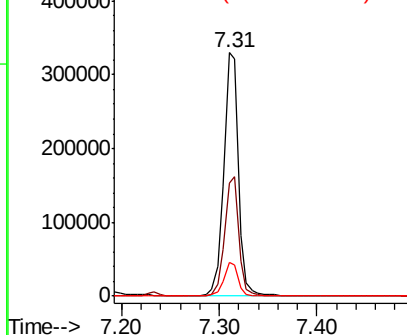


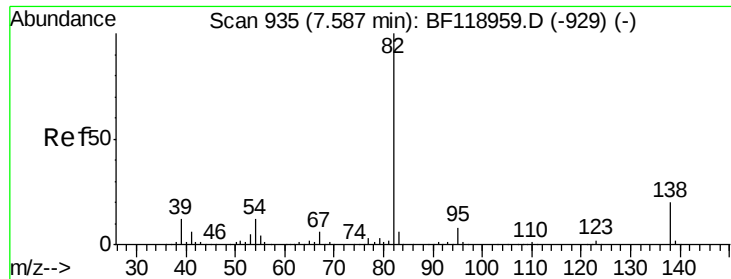
#24
 Nitrobenzene
 Concen: 40.779 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

Tgt Ion: 77 Resp: 342055
 Ion Ratio Lower Upper
 77 100
 123 46.6 40.2 60.2
 65 13.9 10.8 16.2



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

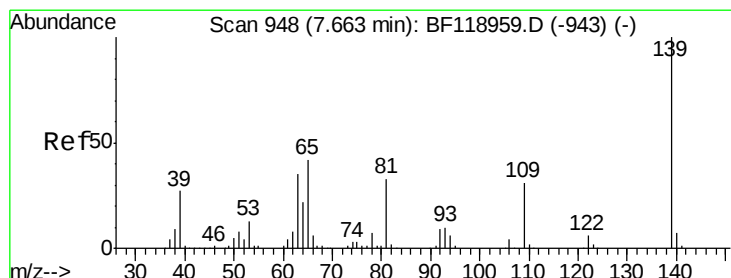
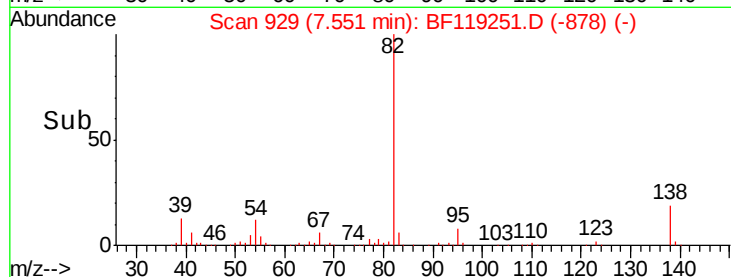
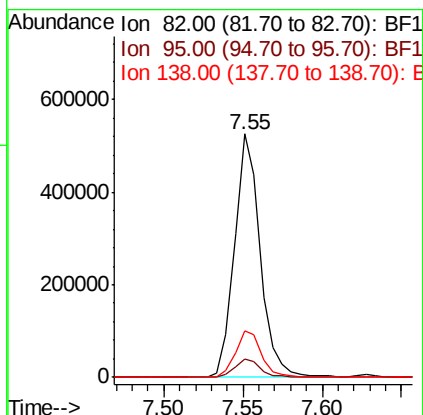
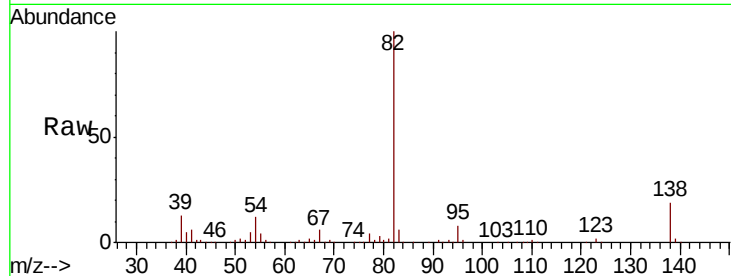




#25
Isophorone
Concen: 40.121 ng
RT: 7.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

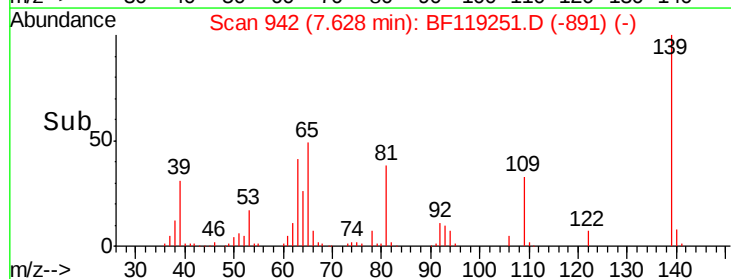
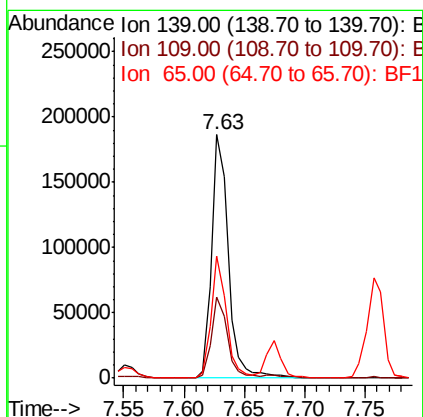
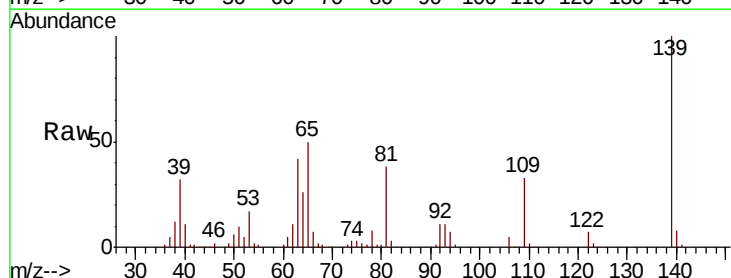
Instrument :
BNA_F
ClientSampleId :

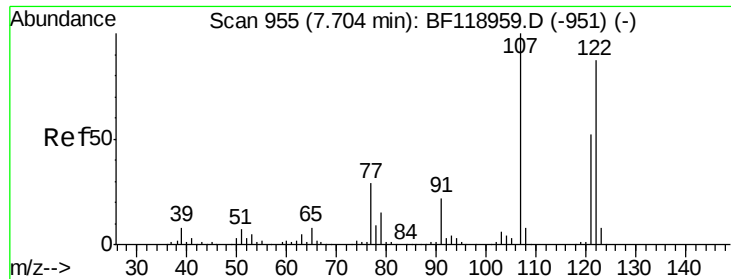
Tot Ion: 82 Resp: 591028
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.9 15.7 23.5



#26
2-Nitrophenol
Concen: 39.879 ng
RT: 7.63 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Tgt Ion: 139 Resp: 177237
Ion Ratio Lower Upper
139 100
109 33.1 25.7 38.5
65 50.0 37.1 55.7

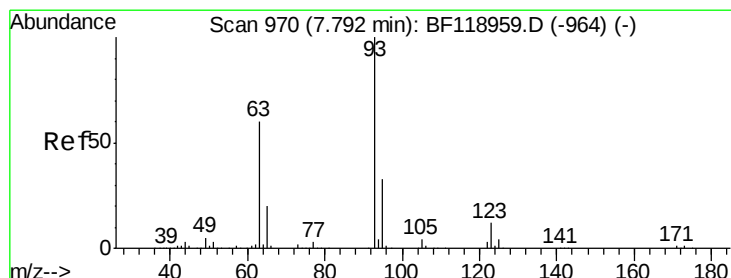
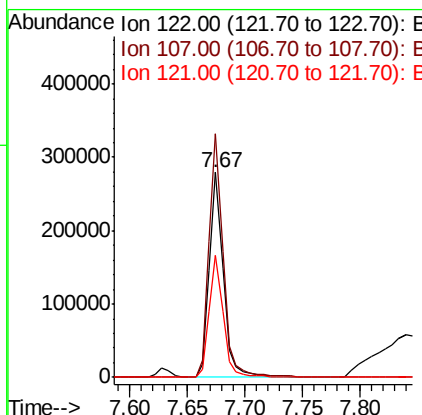
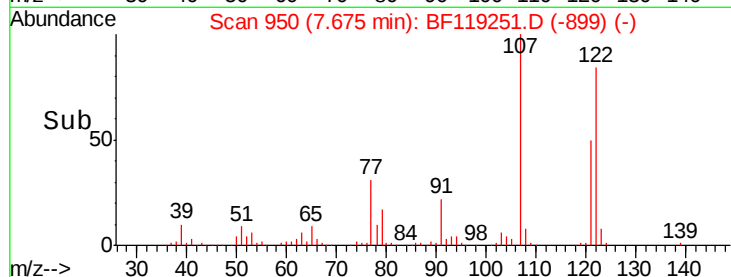
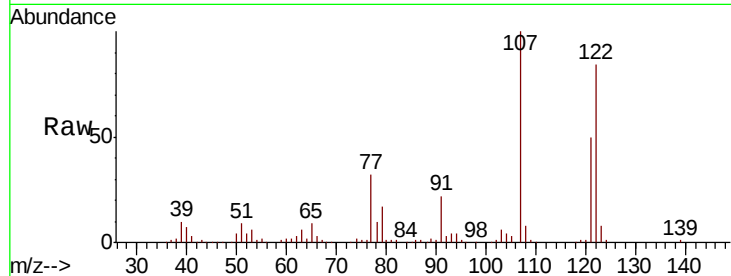




#27
2,4-Dimethylphenol
Concen: 39.067 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

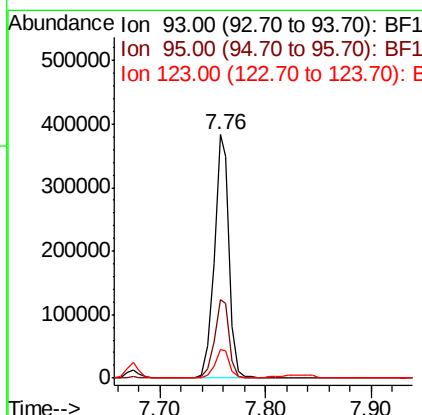
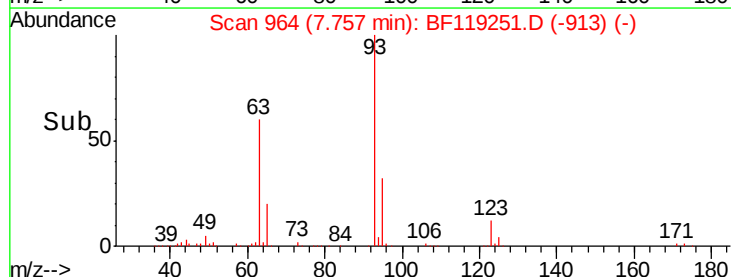
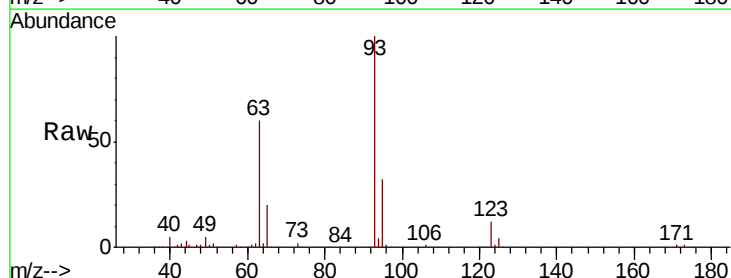
Instrument :
BNA_F
ClientSampleId :

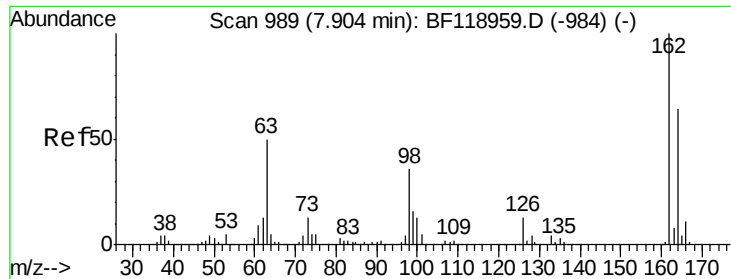
Tot Ion:122 Resp: 235646
Ion Ratio Lower Upper
122 100
107 118.7 93.8 140.6
121 59.4 48.2 72.2



#28
bis(2-Chloroethoxy)methane
Concen: 39.725 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Tgt Ion: 93 Resp: 380903
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 11.9 10.2 15.2

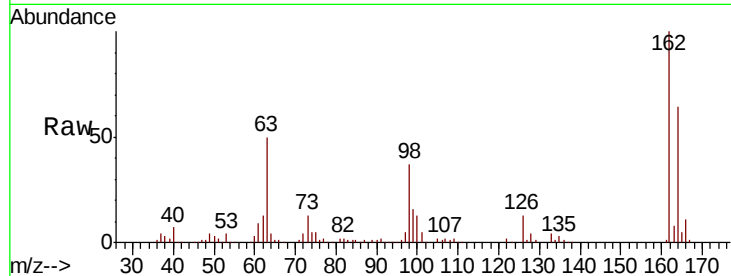




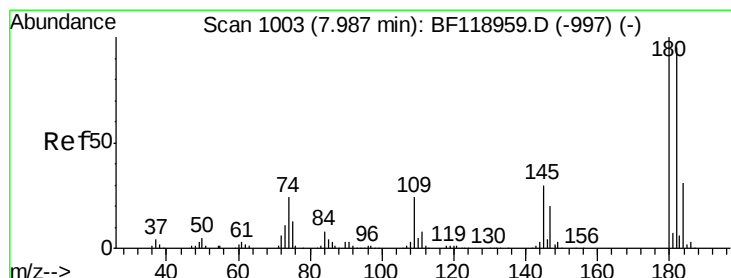
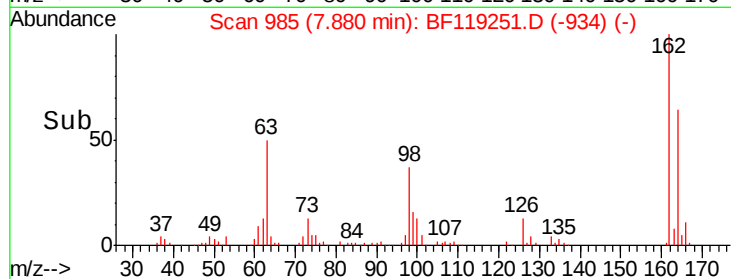
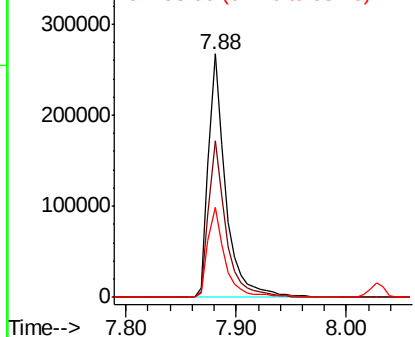
#29
2,4-Dichlorophenol
Concen: 39.783 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 282495
Ion Ratio Lower Upper
162 100
164 64.2 45.2 85.2
98 36.7 17.4 57.4

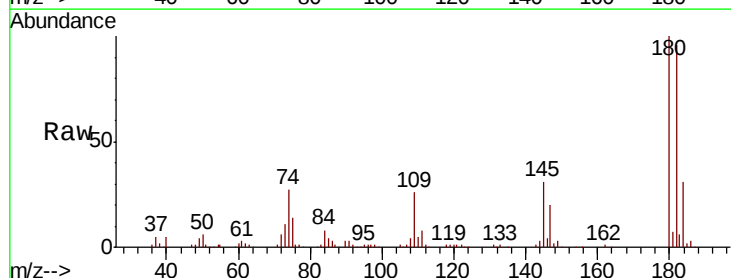


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

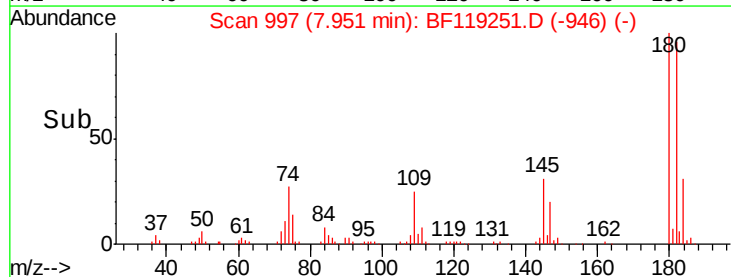
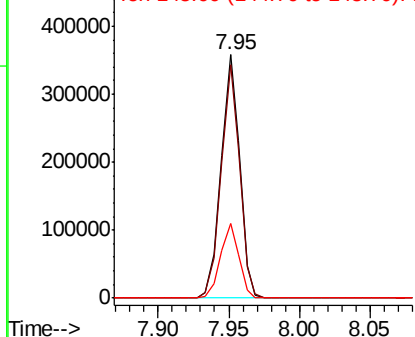


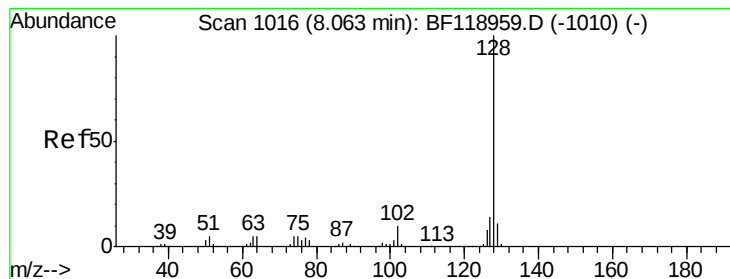
#30
1,2,4-Trichlorobenzene
Concen: 38.956 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Tgt Ion:180 Resp: 327977
Ion Ratio Lower Upper
180 100
182 96.0 77.8 116.6
145 30.9 25.2 37.8



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





#31

Naphthalene

Concen: 40.232 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

Instrument :

BNA_F

ClientSampleId :

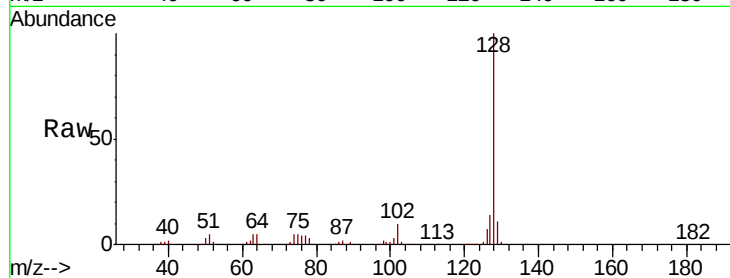
Tot Ion:128 Resp: 934461

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

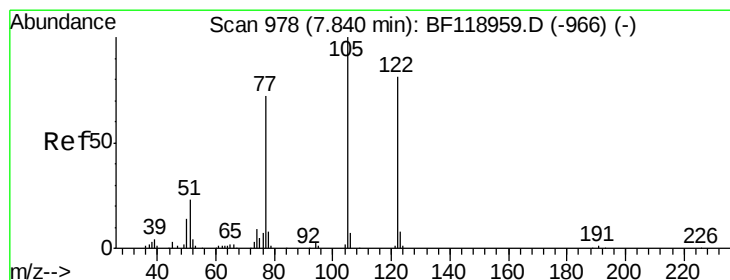
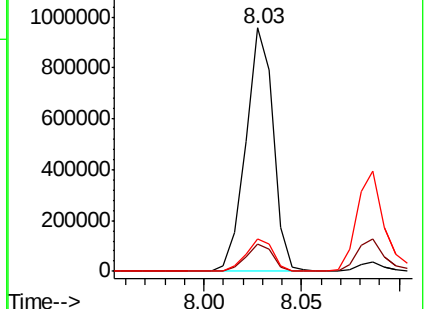
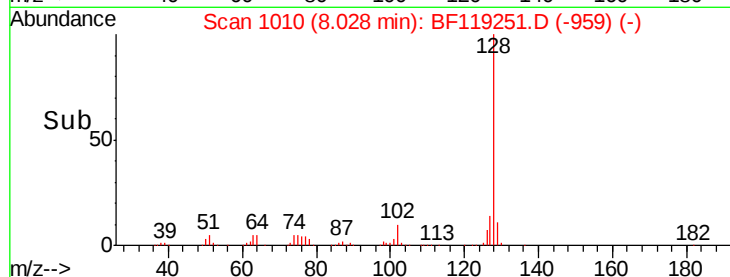
127 13.5 11.4 17.2



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: 36.938 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

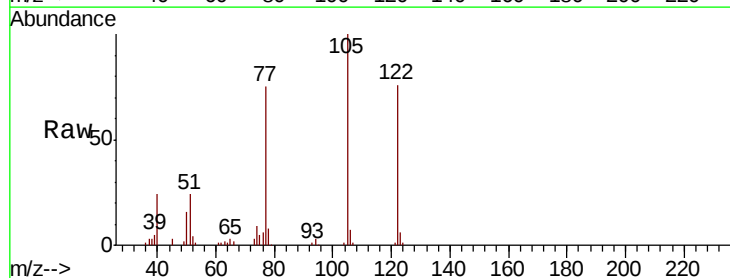
Tgt Ion:122 Resp: 154703

Ion Ratio Lower Upper

122 100

105 130.8 106.3 146.3

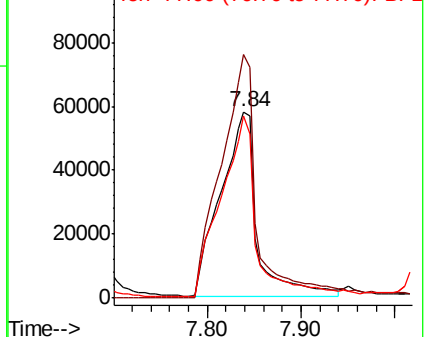
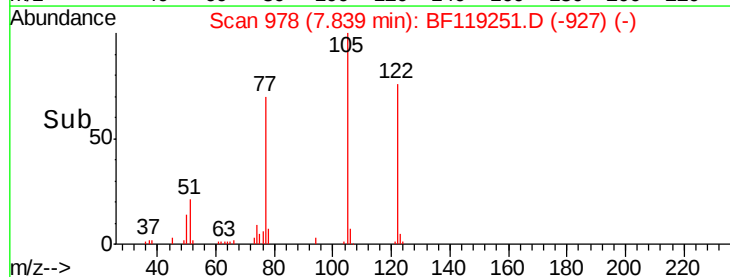
77 97.6 73.1 113.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

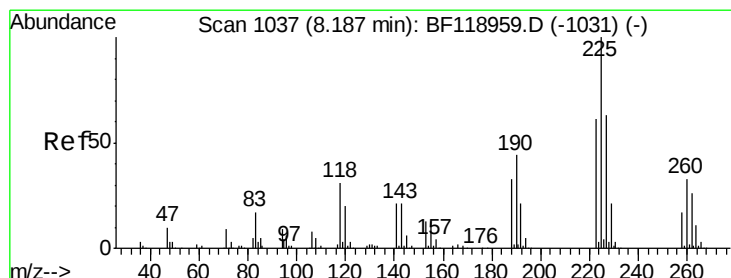
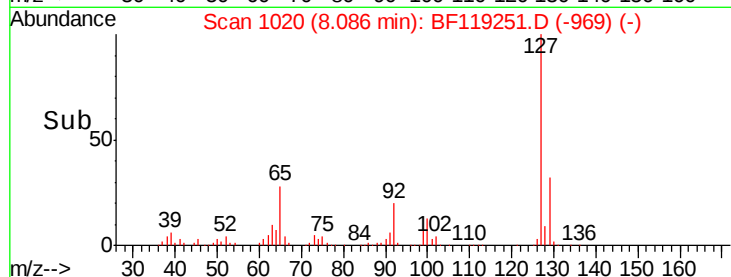
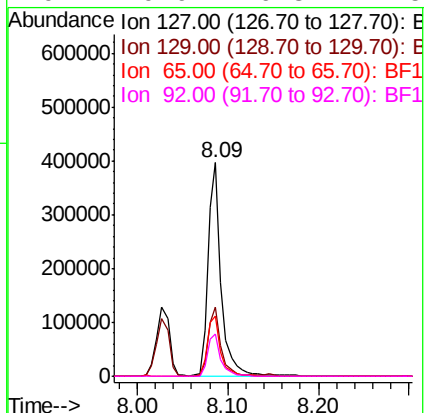
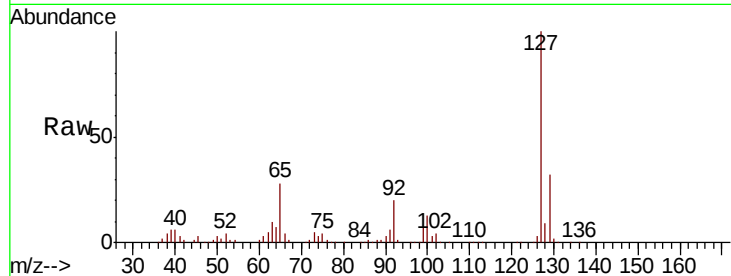




#33
4-Chloroaniline
Concen: 40.165 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

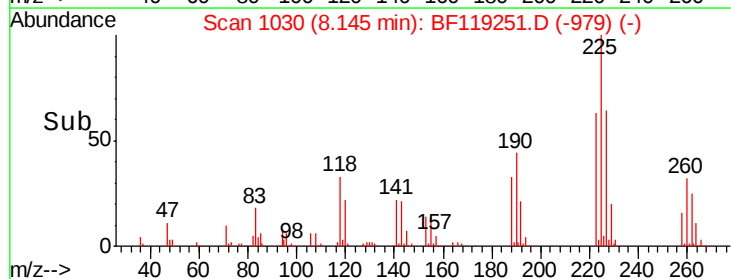
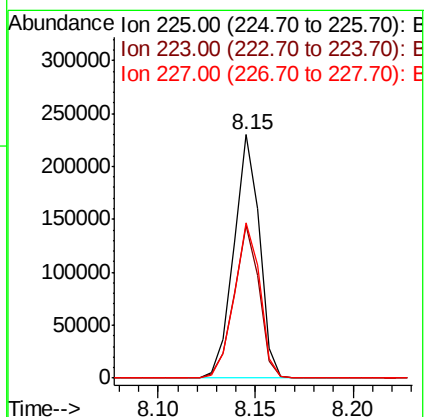
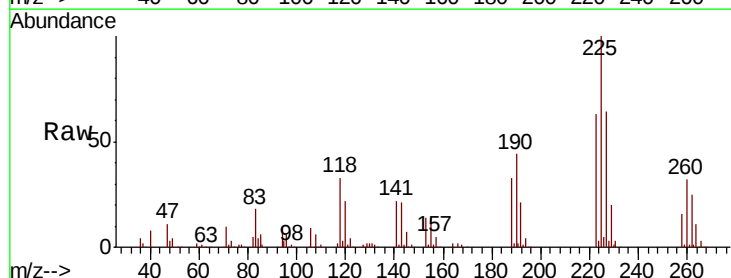
Instrument :
BNA_F
ClientSampleId :

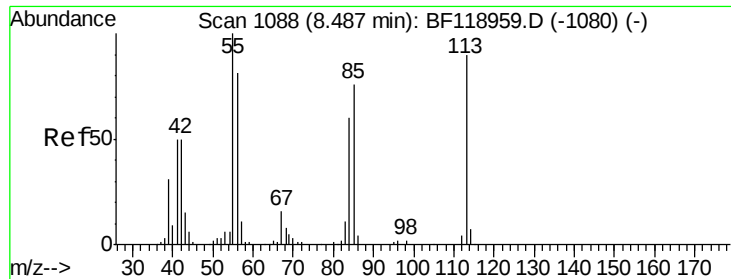
Tot Ion:	127	Resp:	401251
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	27.9	23.9	35.9
92	19.9	16.3	24.5



#34
Hexachlorobutadiene
Concen: 39.852 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Tgt Ion:	225	Resp:	208995
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.2
227	63.9	52.9	79.3

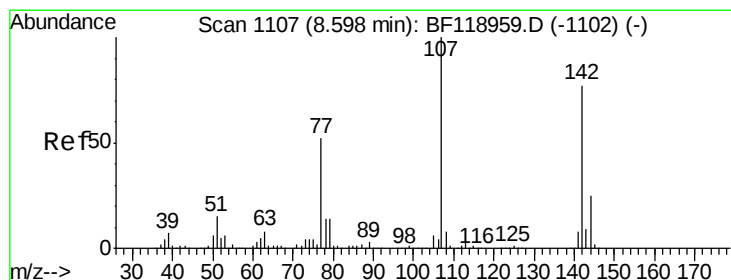
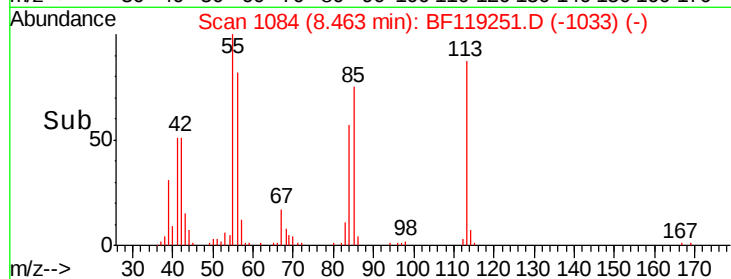
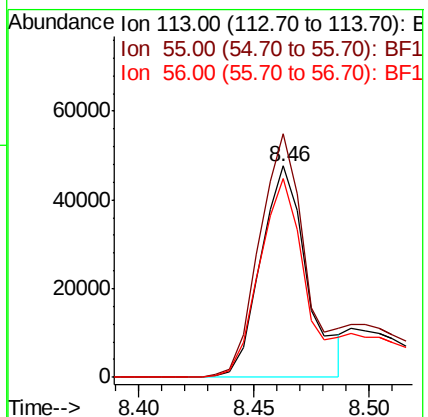
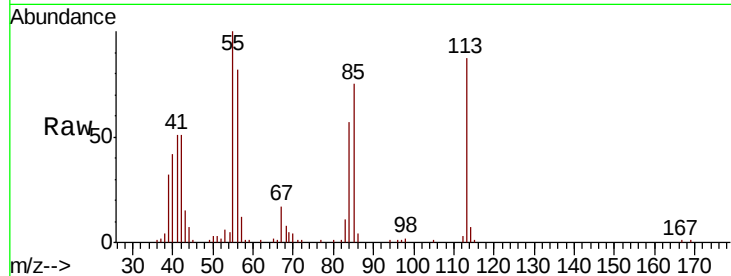




#35
Caprolactam
Concen: 30.331 ng
RT: 8.46 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

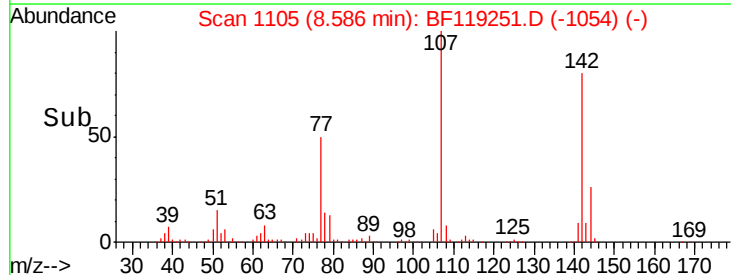
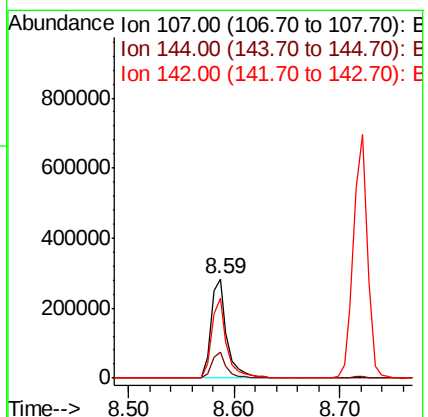
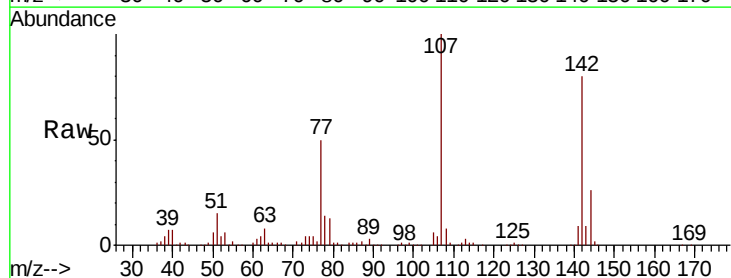
Instrument :
BNA_F
ClientSampleId :

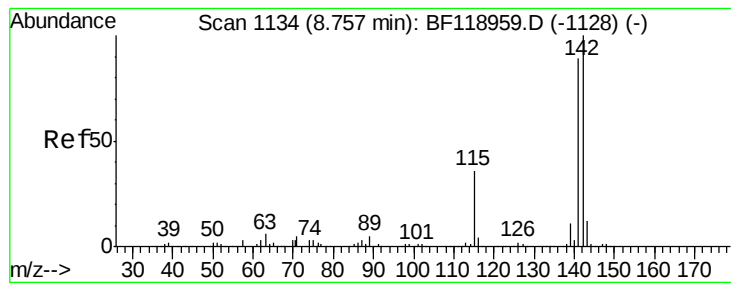
Tot Ion:113 Resp: 66318
Ion Ratio Lower Upper
113 100
55 115.4 95.7 135.7
56 94.4 73.1 113.1



#36
4-Chloro-3-methylphenol
Concen: 41.611 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Tgt Ion:107 Resp: 299035
Ion Ratio Lower Upper
107 100
144 25.9 20.1 30.1
142 80.3 61.4 92.2

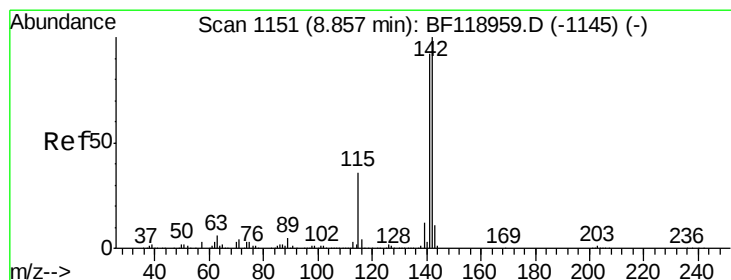
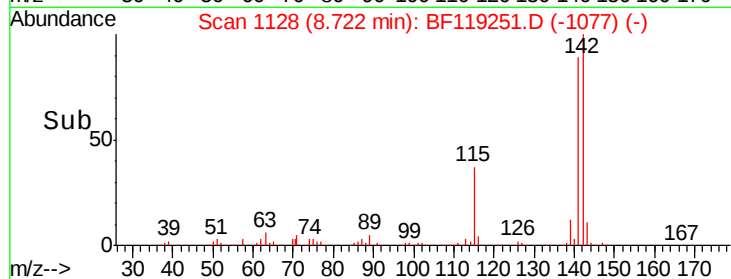
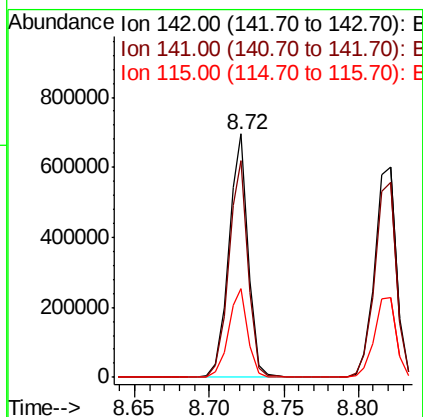
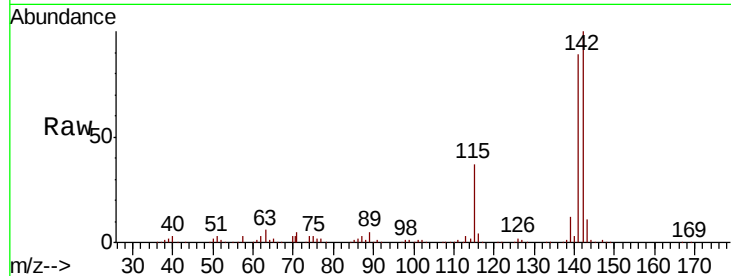




#37
 2-Methylnaphthalene
 Concen: 40.611 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

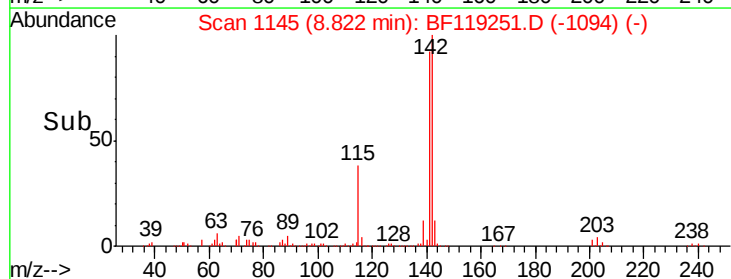
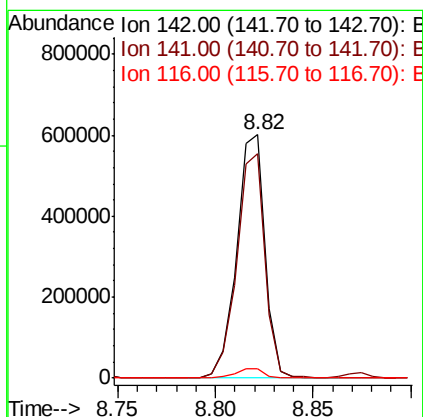
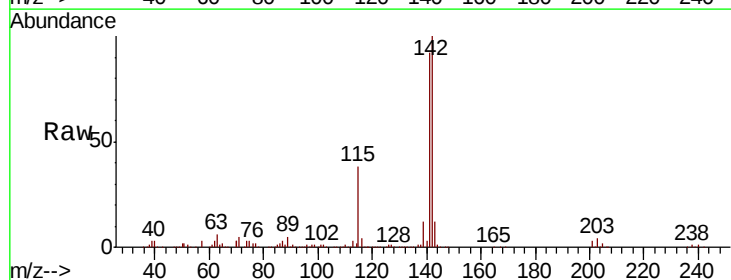
Instrument :
 BNA_F
 ClientSampleId :

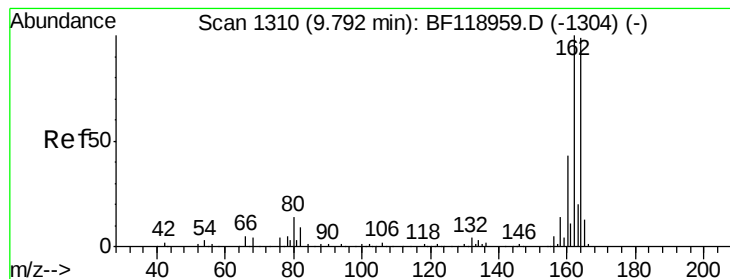
Tot Ion:142 Resp: 634792
 Ion Ratio Lower Upper
 142 100
 141 88.9 72.3 108.5
 115 36.5 30.6 45.8



#38
 1-Methylnaphthalene
 Concen: 40.739 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

Tgt Ion:142 Resp: 598869
 Ion Ratio Lower Upper
 142 100
 141 92.4 75.8 113.6
 116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

Instrument :

BNA_F

ClientSampleId :

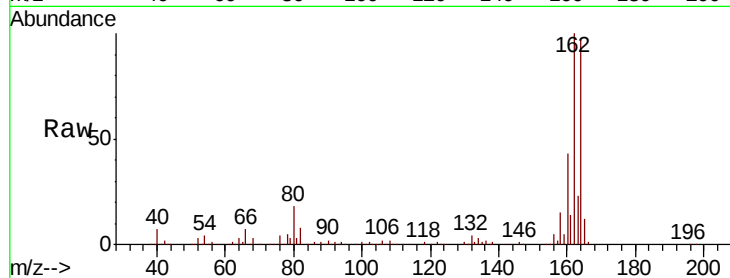
Tot Ion:164 Resp: 255251

Ion Ratio Lower Upper

164 100

162 103.3 81.8 122.8

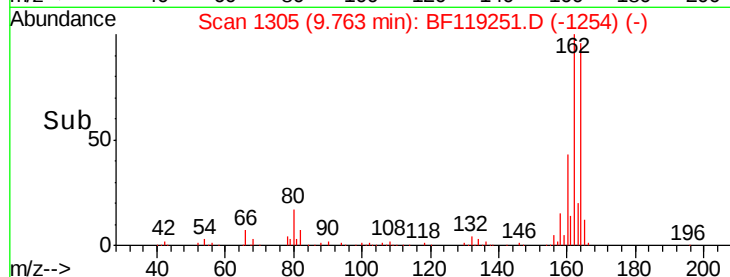
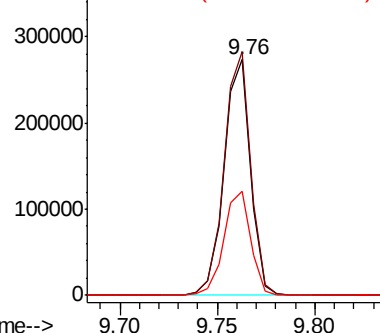
160 44.3 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.939 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

Tgt Ion:216 Resp: 335107

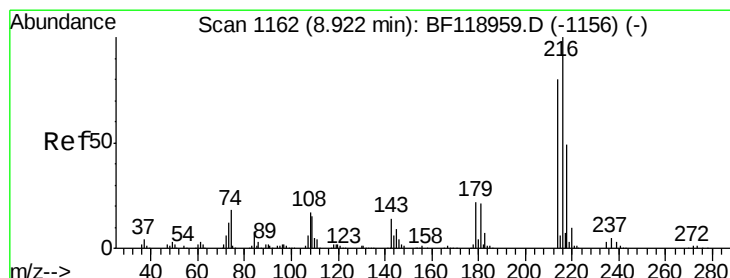
Ion Ratio Lower Upper

216 100

214 77.6 63.3 94.9

179 21.7 17.7 26.5

108 17.0 13.9 20.9

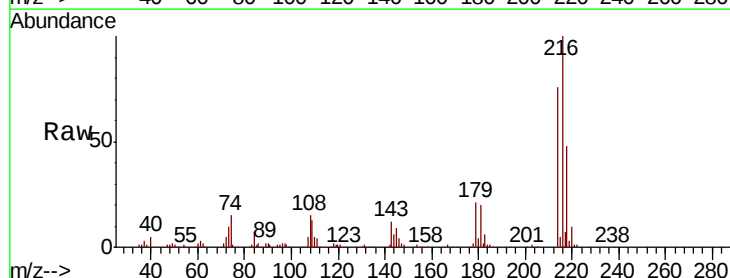
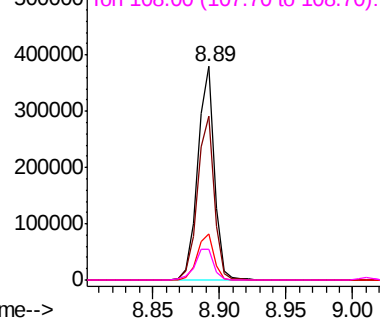


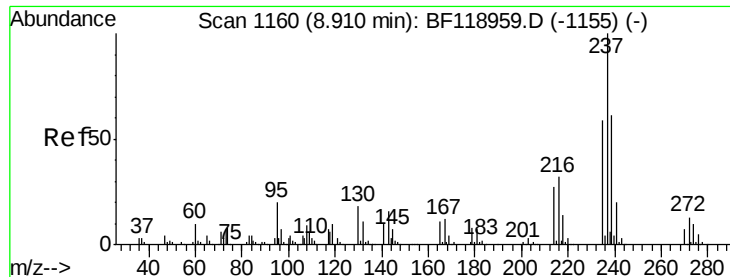
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

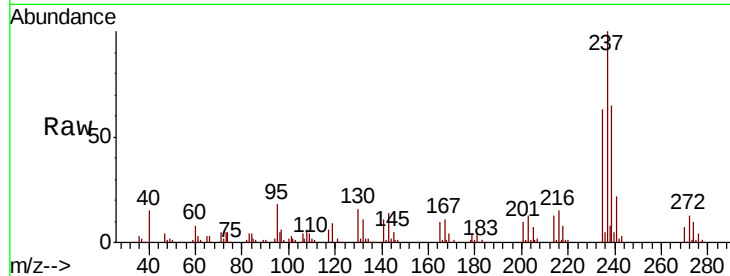




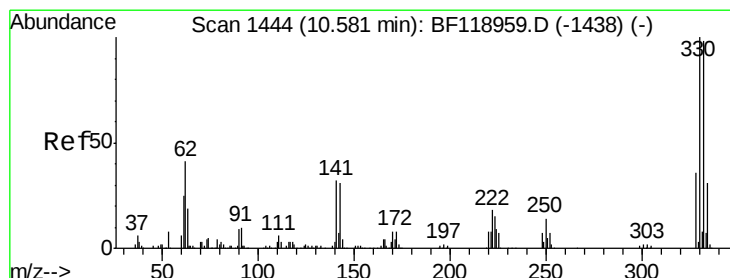
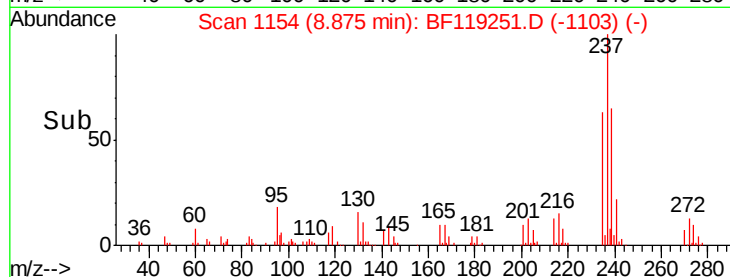
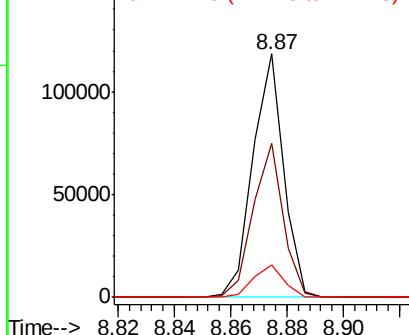
#41
Hexachlorocyclopentadiene
Concen: 34.696 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 89806
Ion Ratio Lower Upper
237 100
235 63.3 42.3 82.3
272 13.2 0.0 33.5

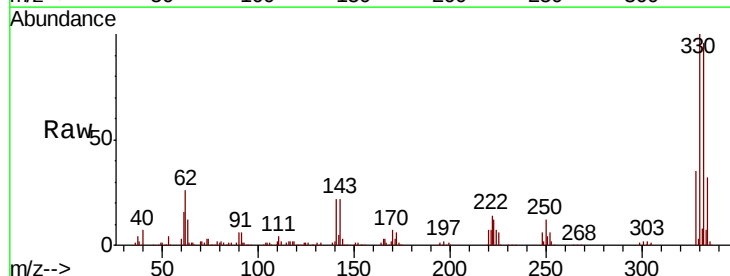


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

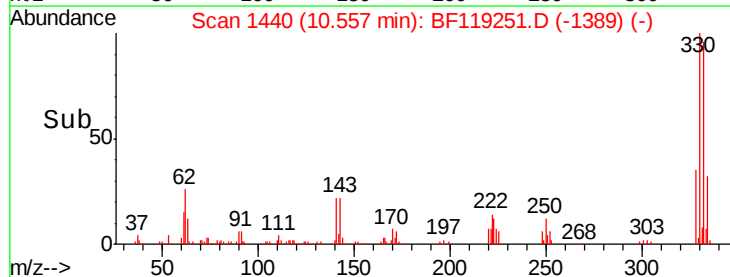
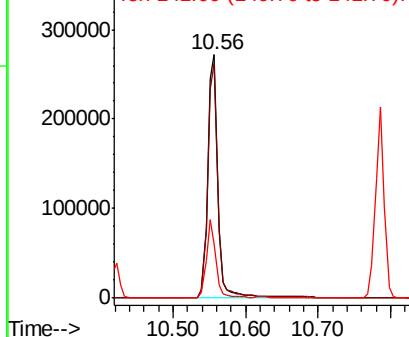


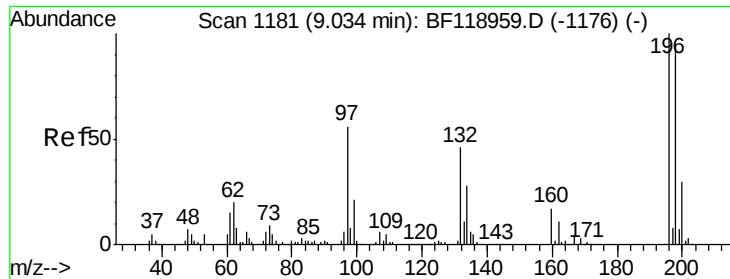
#42
2,4,6-Tribromophenol
Concen: 80.562 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Tgt Ion:330 Resp: 269005
Ion Ratio Lower Upper
330 100
332 95.3 76.0 114.0
141 29.7 22.9 34.3



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

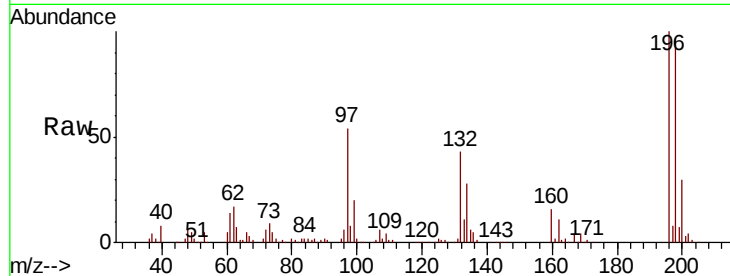




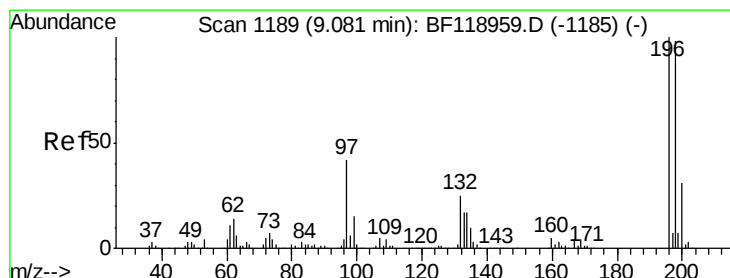
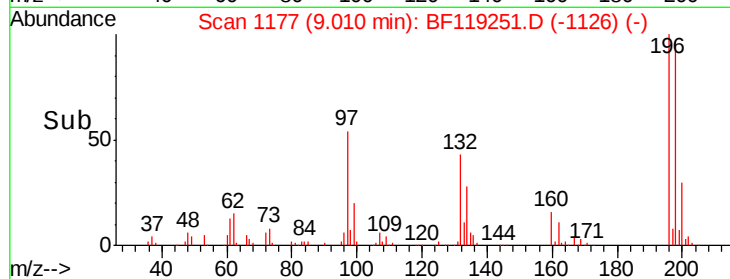
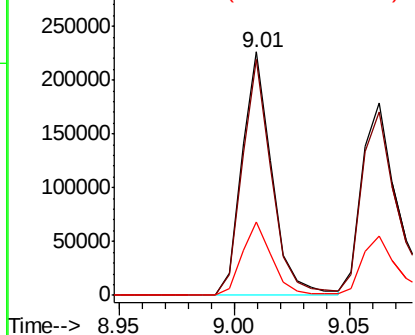
#43
 2,4,6-Trichlorophenol
 Concen: 37.601 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 204346
 Ion Ratio Lower Upper
 196 100
 198 97.1 77.1 115.7
 200 30.3 25.0 37.6

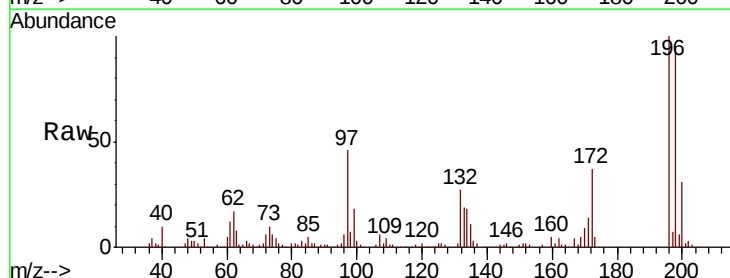


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

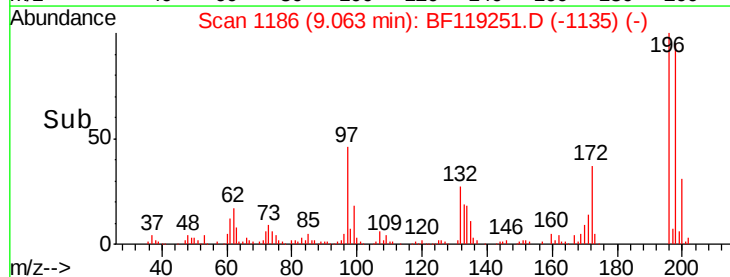
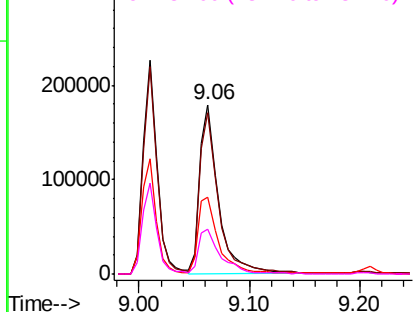


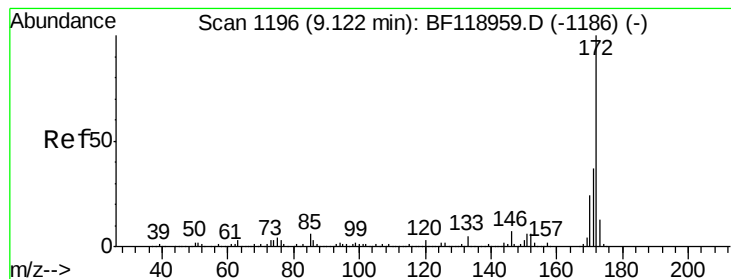
#44
 2,4,5-Trichlorophenol
 Concen: 36.101 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

Tgt Ion:196 Resp: 205882
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.8 115.2
 97 45.7 38.5 57.7
 132 26.8 22.2 33.4



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: 78.513 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

Instrument :

BNA_F

ClientSampleId :

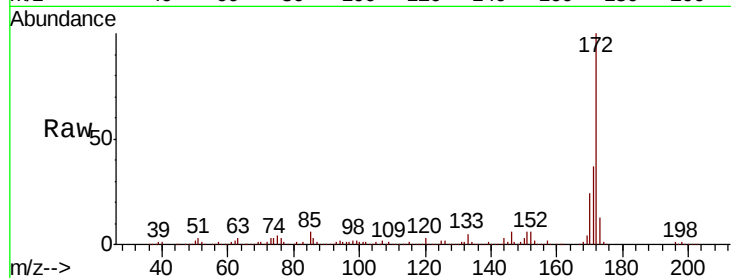
Tot Ion:172 Resp: 1360365

Ion Ratio Lower Upper

172 100

171 36.9 30.6 45.8

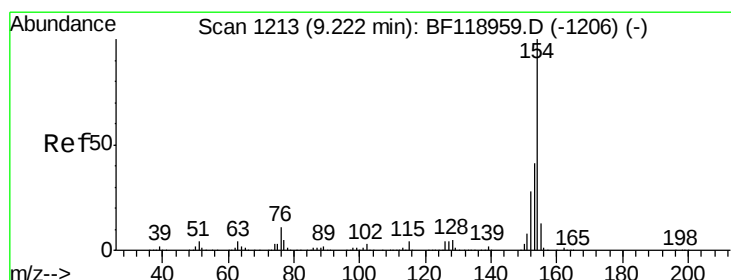
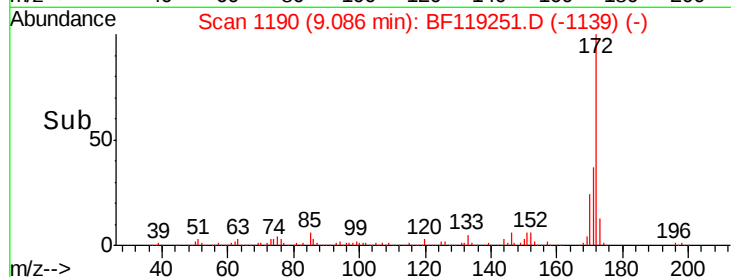
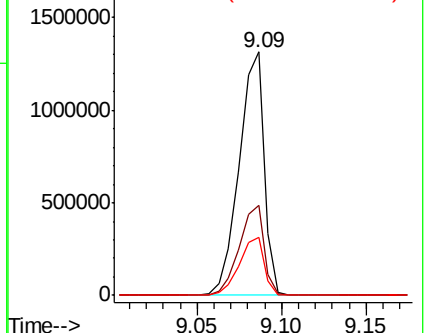
170 24.0 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.007 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

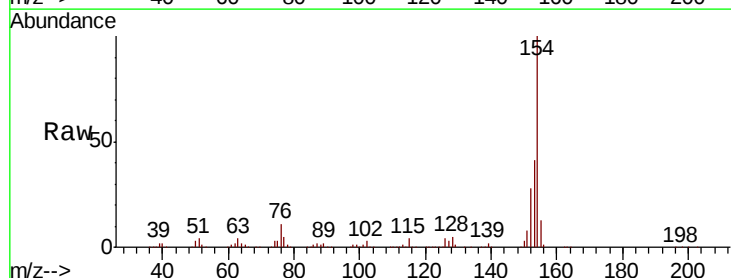
Tgt Ion:154 Resp: 825320

Ion Ratio Lower Upper

154 100

153 41.3 22.8 62.8

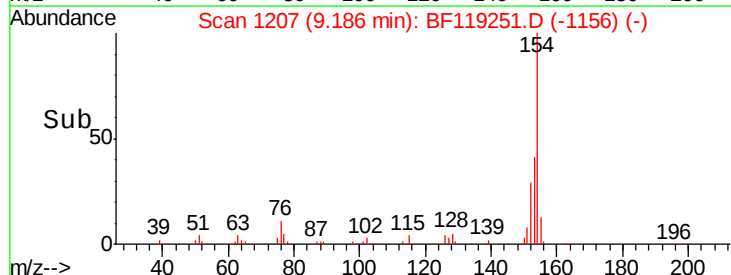
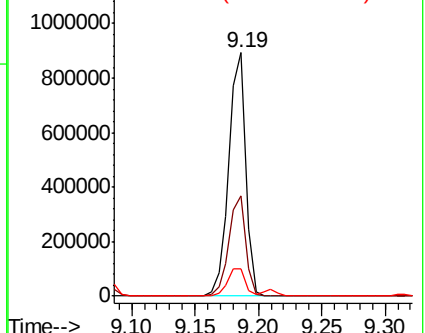
76 11.1 0.0 32.2

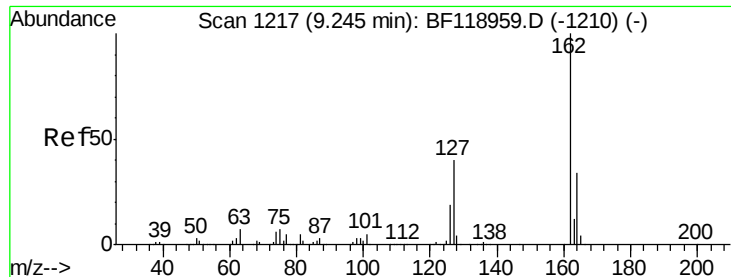


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

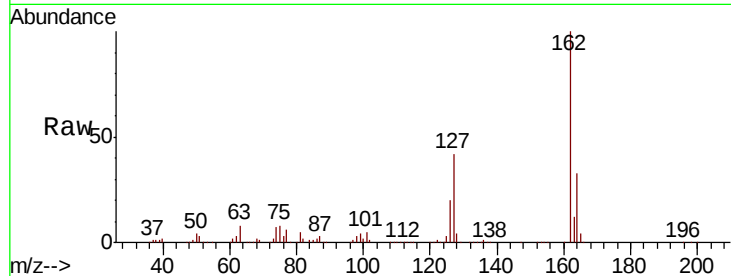




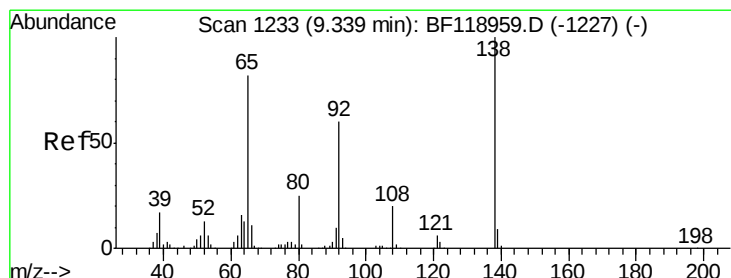
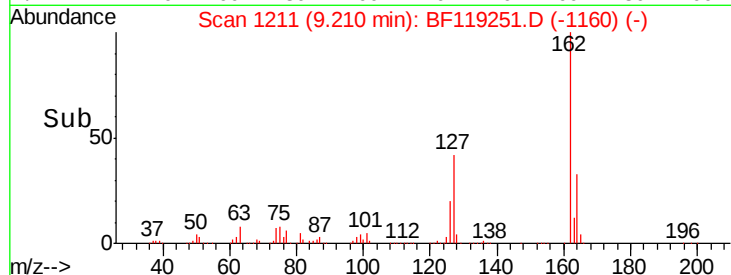
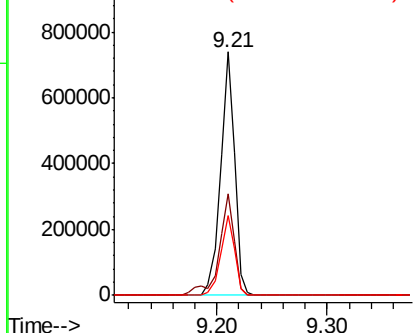
#47
 2-Chloronaphthalene
 Concen: 39.412 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 655203
 Ion Ratio Lower Upper
 162 100
 127 41.7 35.0 52.4
 164 32.7 27.2 40.8

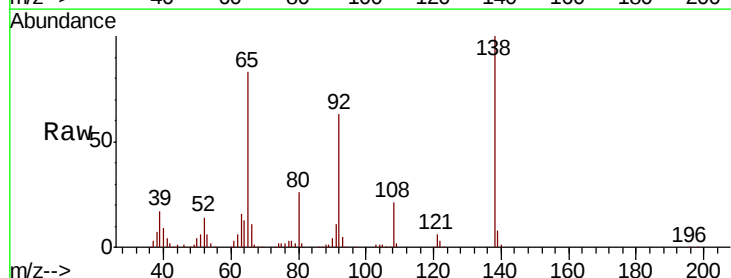


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

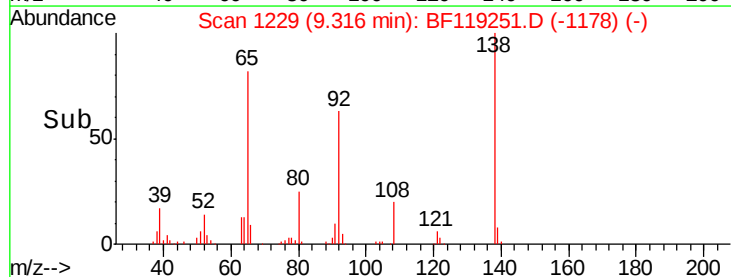
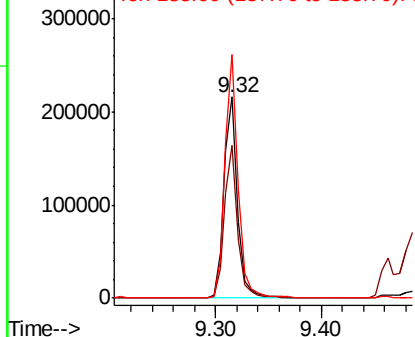


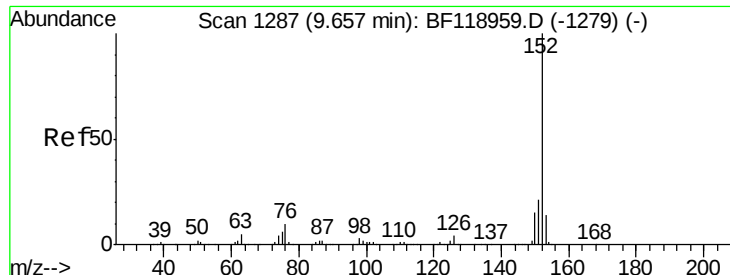
#48
 2-Nitroaniline
 Concen: 41.860 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

Tgt Ion: 65 Resp: 194099
 Ion Ratio Lower Upper
 65 100
 92 75.8 58.2 87.2
 138 121.0 95.6 143.4



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





#49

Acenaphthylene

Concen: 39.321 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

Instrument :

BNA_F

ClientSampleId :

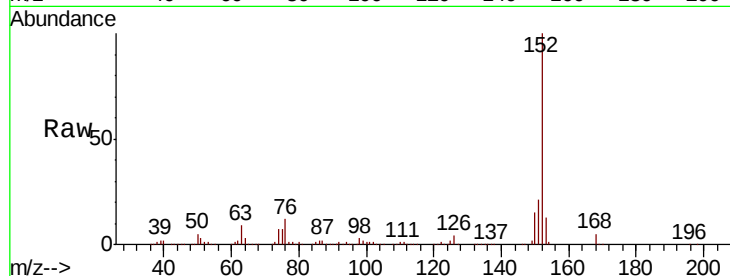
Tot Ion:152 Resp: 944123

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

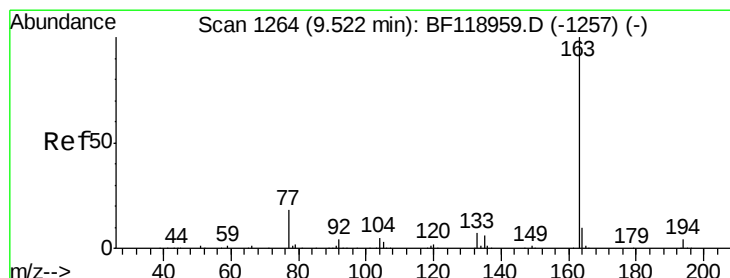
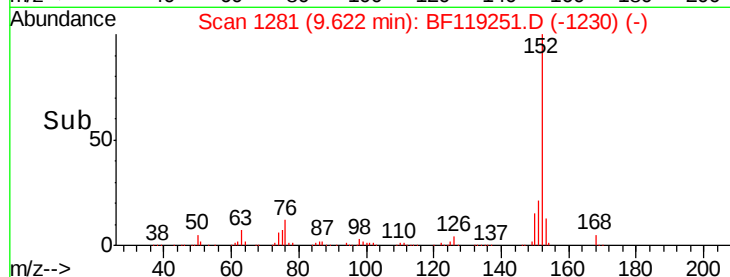
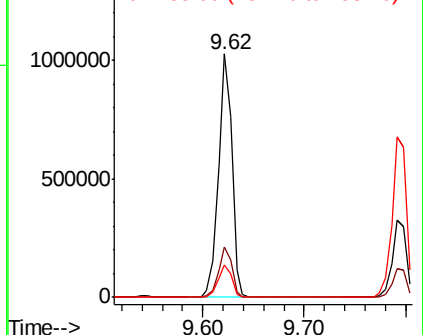
153 13.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.498 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

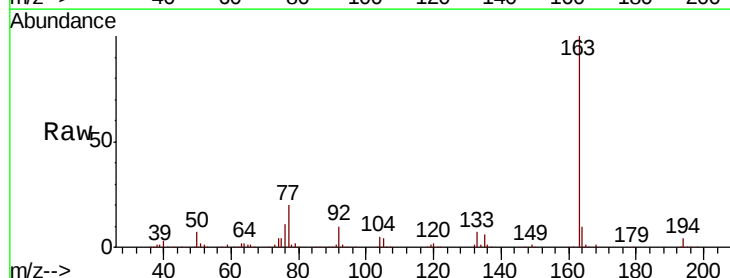
Tgt Ion:163 Resp: 790455

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

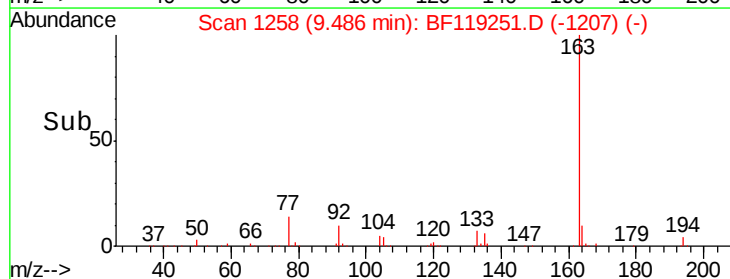
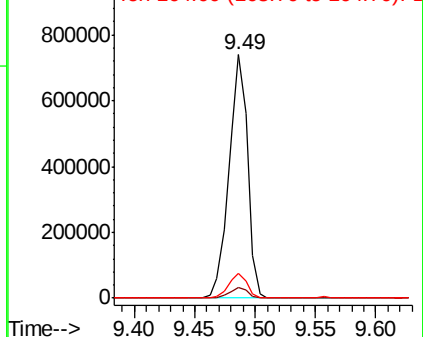
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

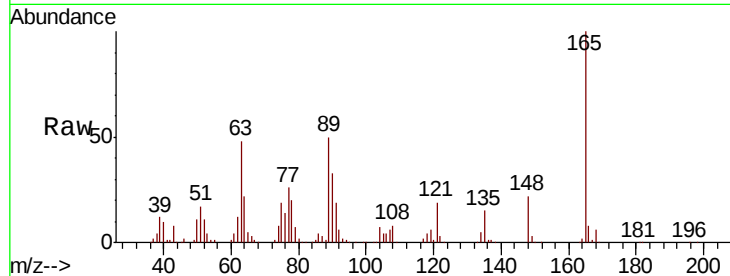




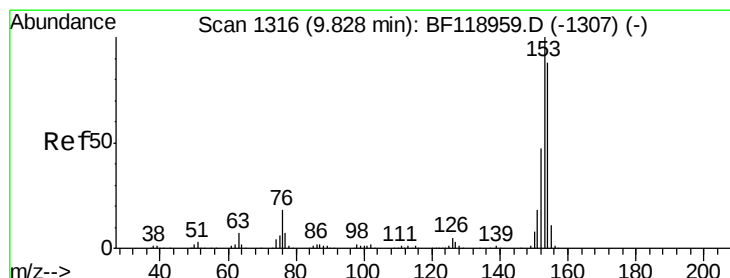
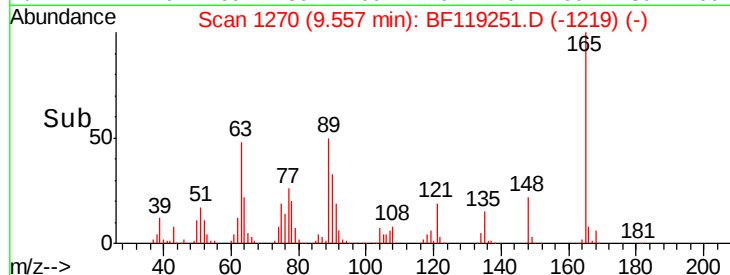
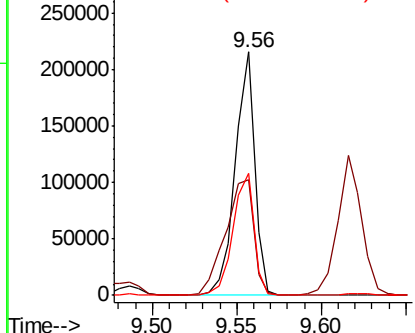
#51
 2,6-Dinitrotoluene
 Concen: 39.817 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.7	34.3	51.5
89	50.2	38.3	57.5

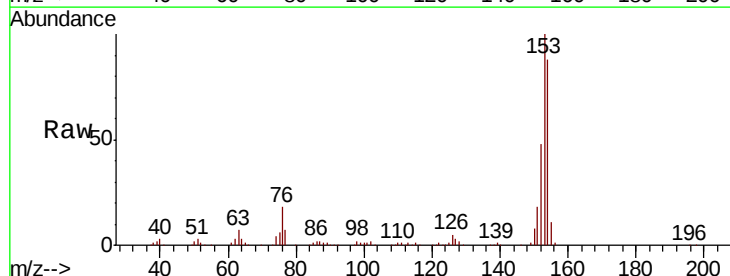


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

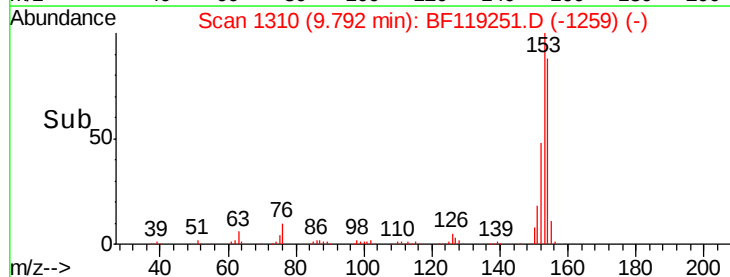
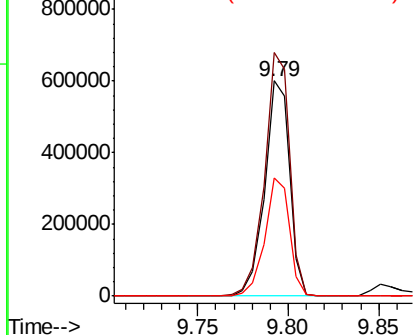


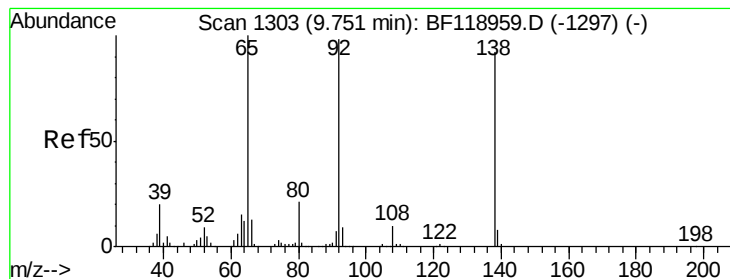
#52
 Acenaphthene
 Concen: 39.808 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.3	135.5
152	54.6	43.8	65.8



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: 40.336 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

Instrument :

BNA_F

ClientSampleId :

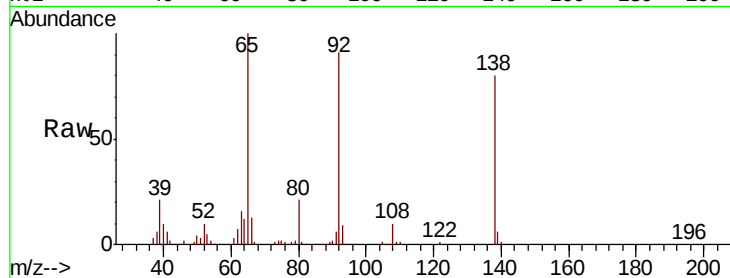
Tot Ion:138 Resp: 193916

Ion Ratio Lower Upper

138 100

108 11.8 8.8 13.2

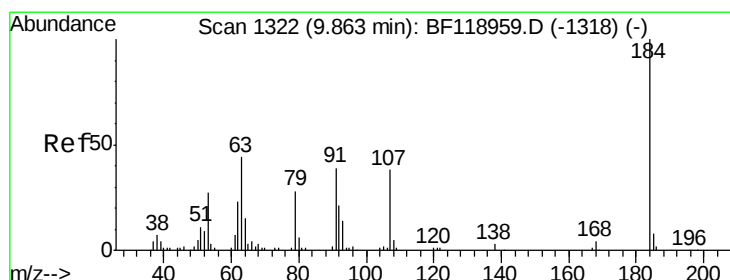
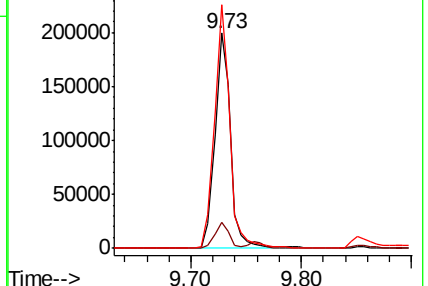
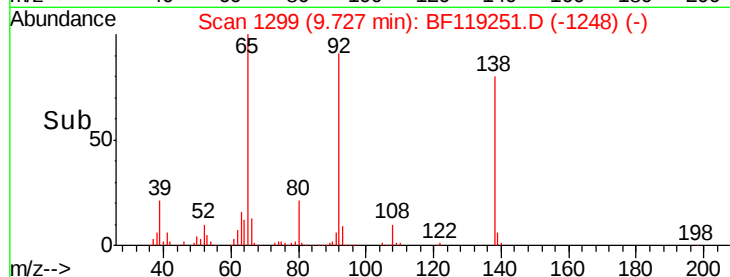
92 113.0 84.8 127.2



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: 39.195 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

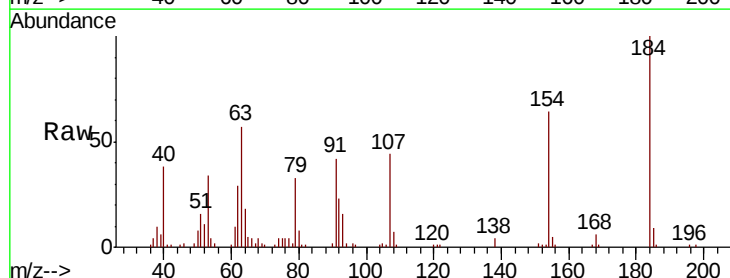
Tgt Ion:184 Resp: 73743

Ion Ratio Lower Upper

184 100

63 56.8 38.7 58.1

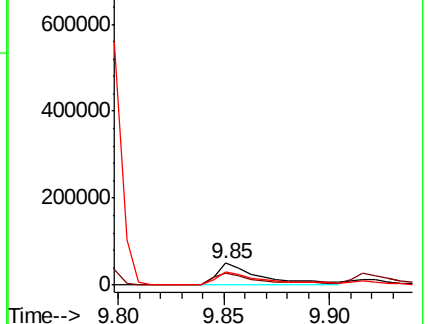
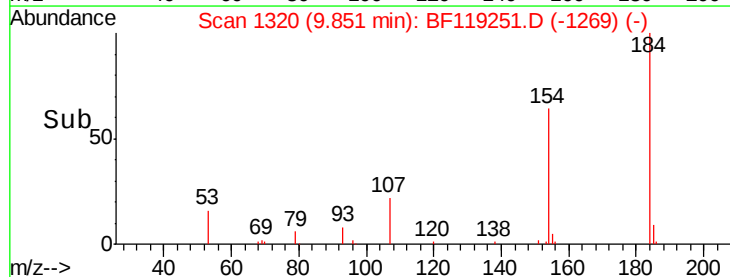
154 64.0 49.7 74.5

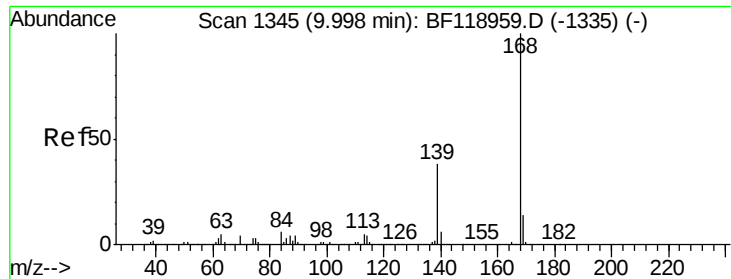


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

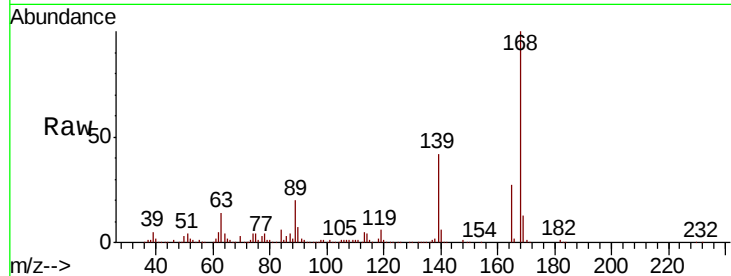




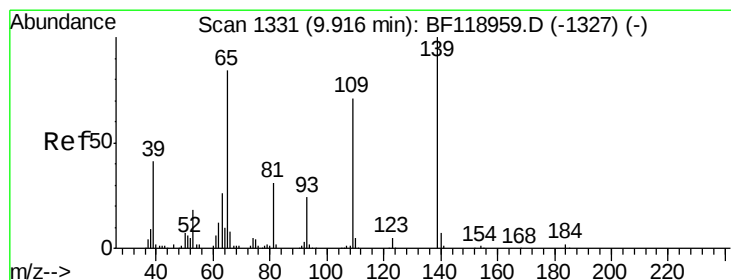
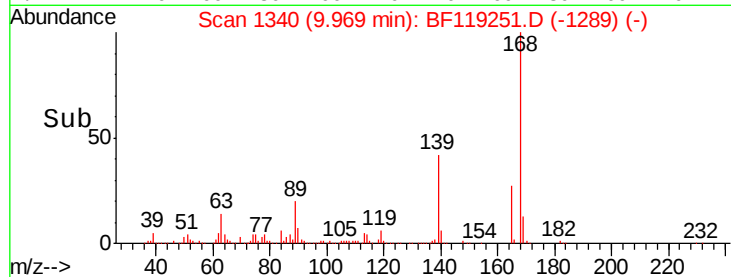
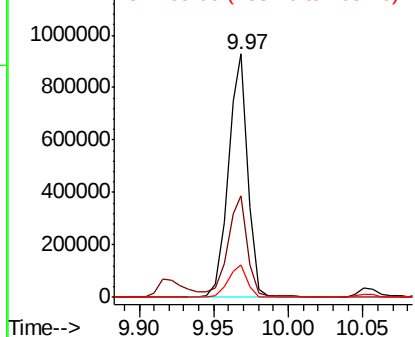
#55
Dibenzofuran
Concen: 39.329 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 849874
Ion Ratio Lower Upper
168 100
139 41.6 34.0 51.0
169 13.2 11.0 16.4

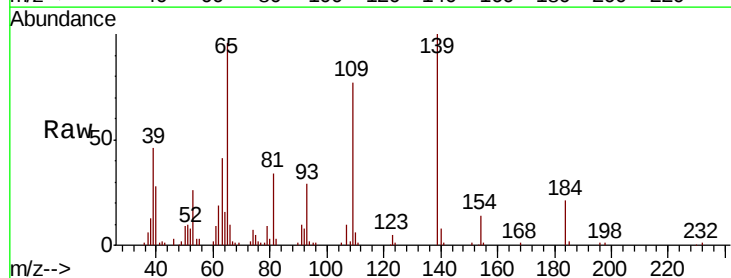


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

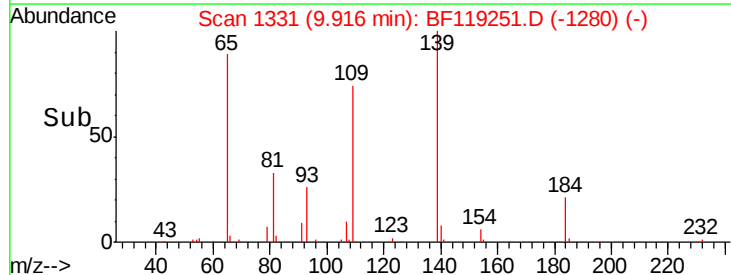
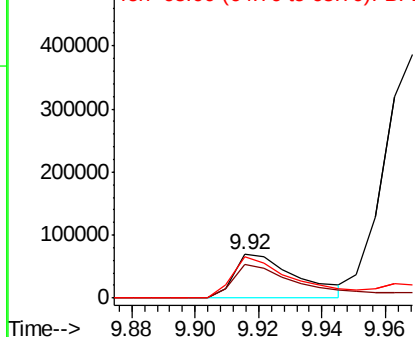


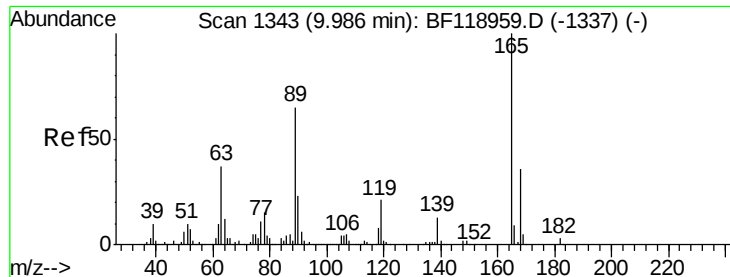
#56
4-Nitrophenol
Concen: 32.706 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Tgt Ion:139 Resp: 94469
Ion Ratio Lower Upper
139 100
109 77.2 56.7 96.7
65 96.1 65.0 105.0



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

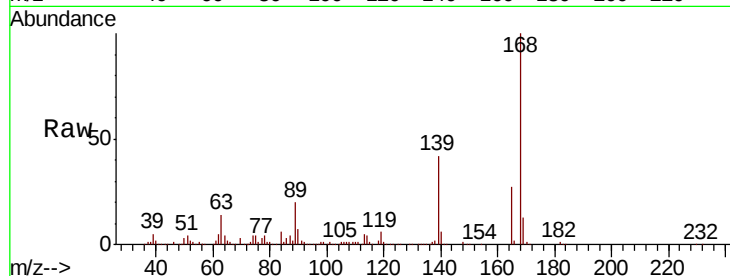




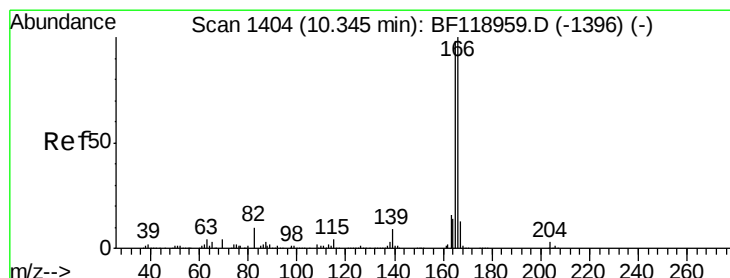
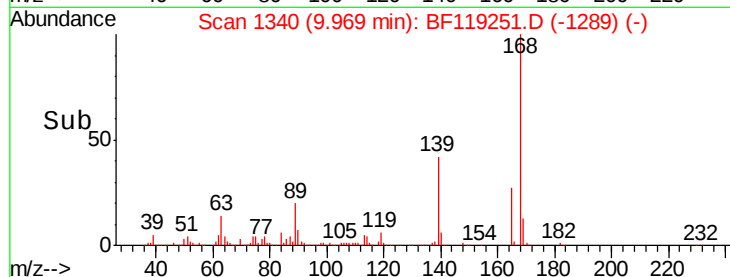
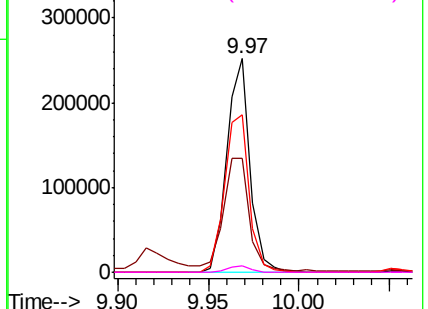
#57
 2,4-Dinitrotoluene
 Concen: 39.746 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	223406
Ion	Ratio	Lower	Upper
165	100		
63	53.4	42.3	63.5
89	73.7	60.2	90.4
182	3.1	2.3	3.5

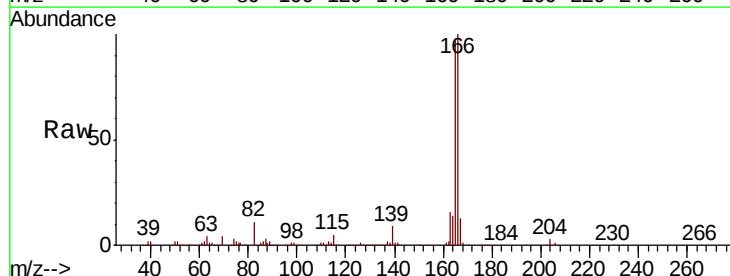


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

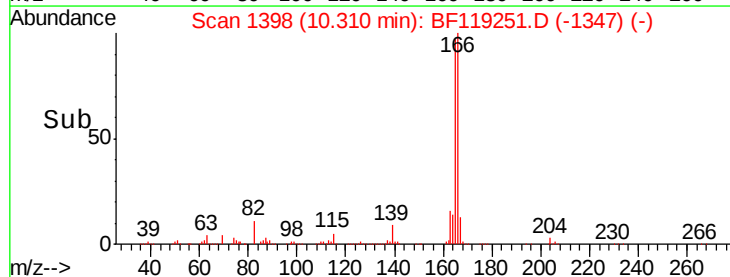
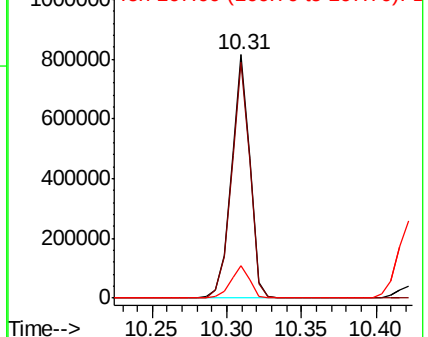


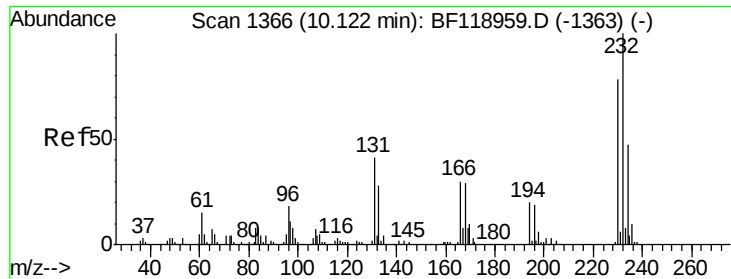
#58
 Fluorene
 Concen: 42.250 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

Tgt Ion:	166	Resp:	709464
Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.5	117.7
167	13.4	11.0	16.4



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

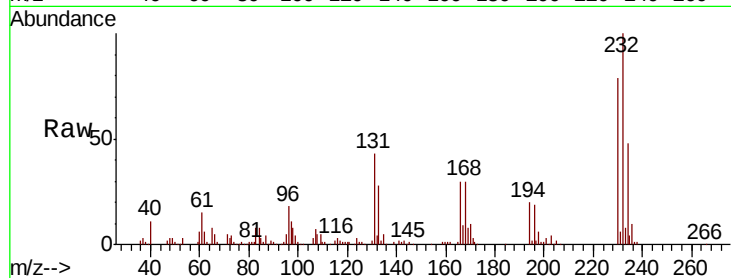




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.862 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	33.8	50.8
130	2.3	1.8	2.6
166	29.7	23.0	34.4



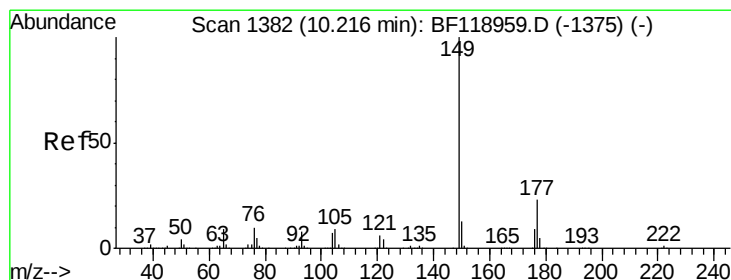
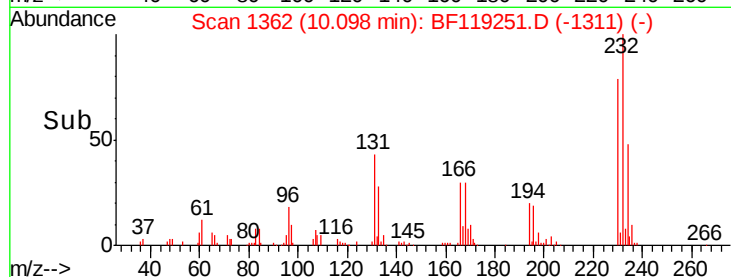
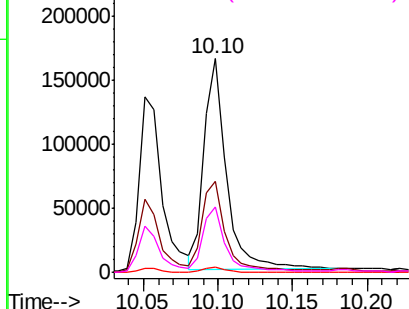
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

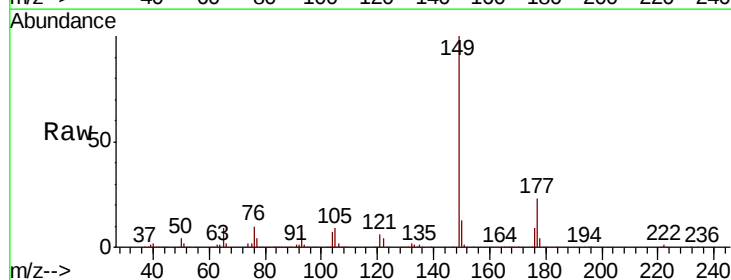
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.308 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.2	27.2
150	12.6	10.5	15.7

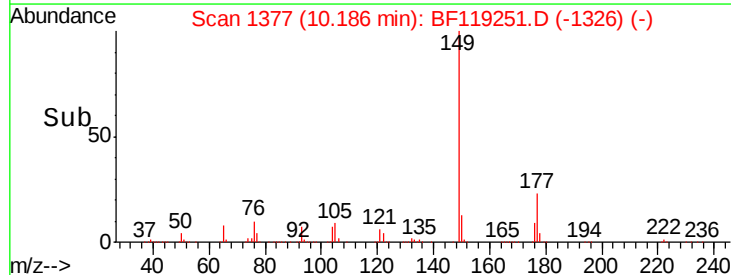
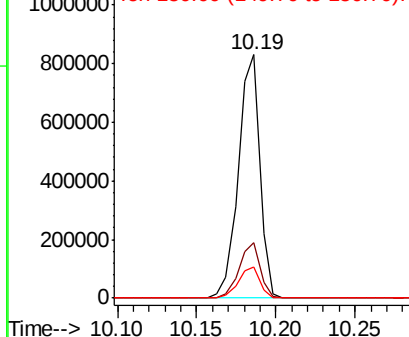


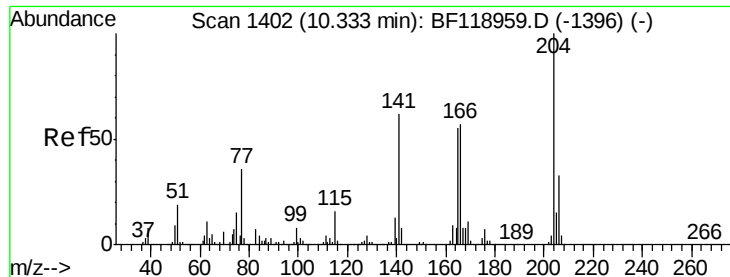
Abundance

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

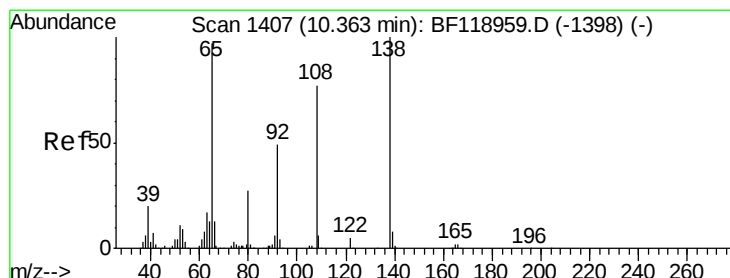
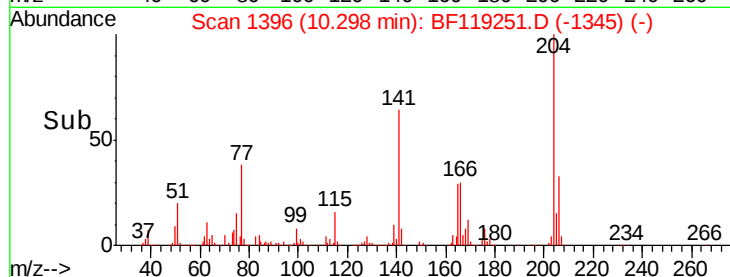
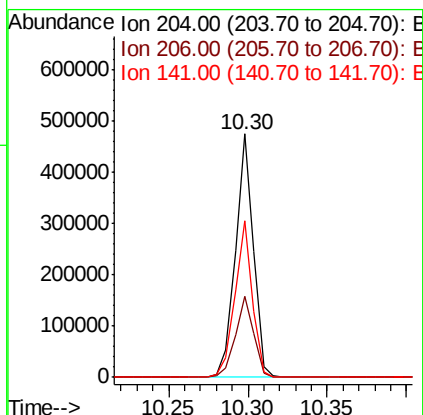
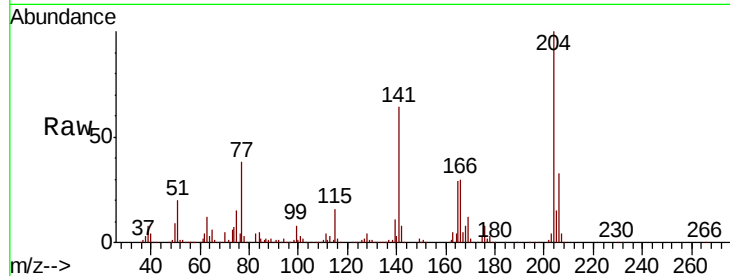




#61
4-Chlorophenyl-phenylether
Concen: 41.822 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

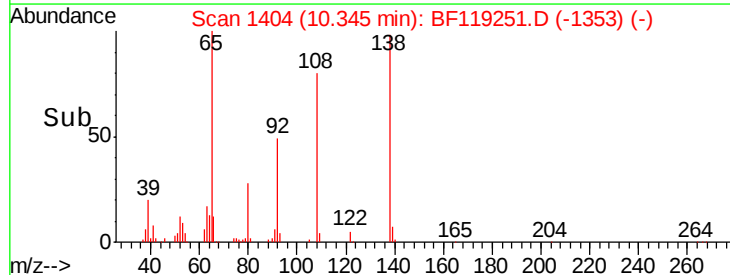
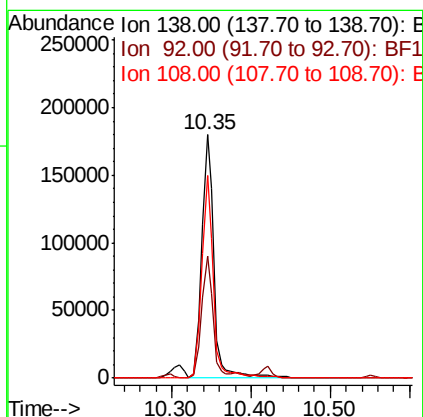
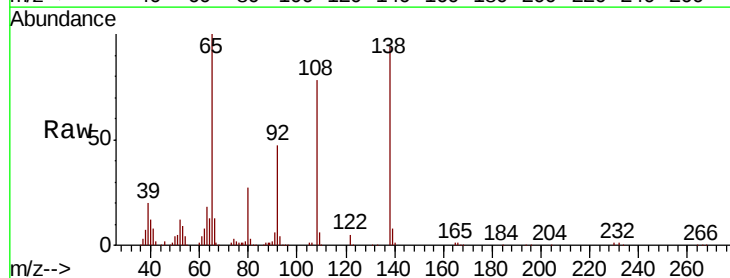
Instrument :
BNA_F
ClientSampleId :

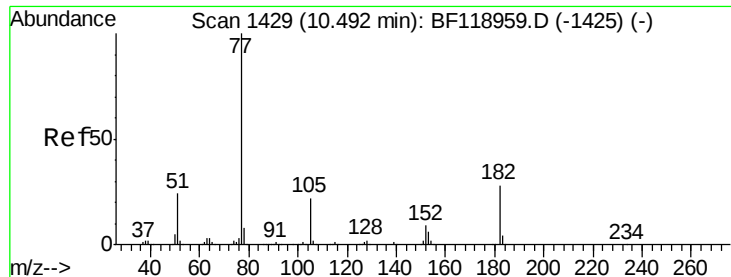
Tot Ion:204 Resp: 371720
Ion Ratio Lower Upper
204 100
206 33.4 27.1 40.7
141 64.2 52.9 79.3



#62
4-Nitroaniline
Concen: 40.068 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Tgt Ion:138 Resp: 197078
Ion Ratio Lower Upper
138 100
92 50.3 27.3 67.3
108 83.2 57.0 97.0

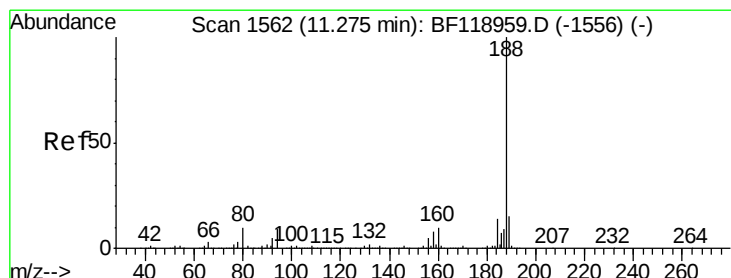
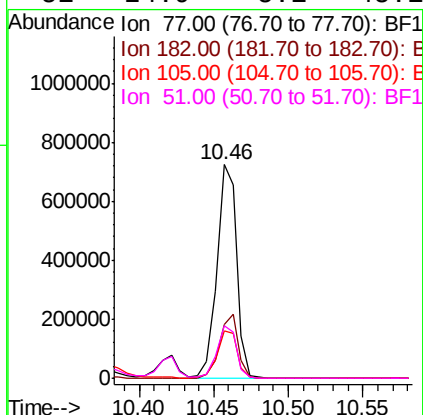
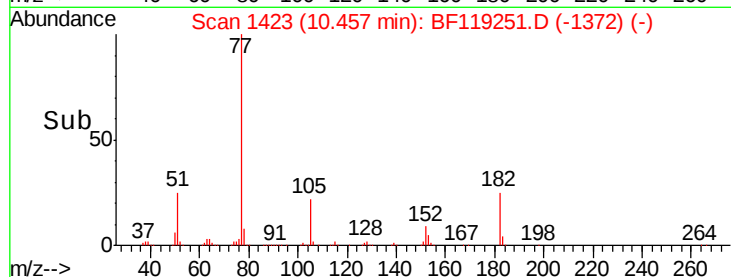
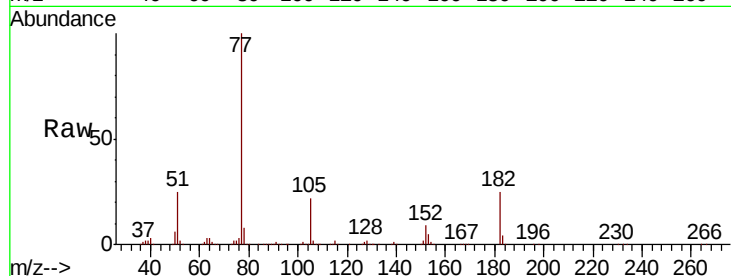




#63
Azobenzene
Concen: 41.905 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

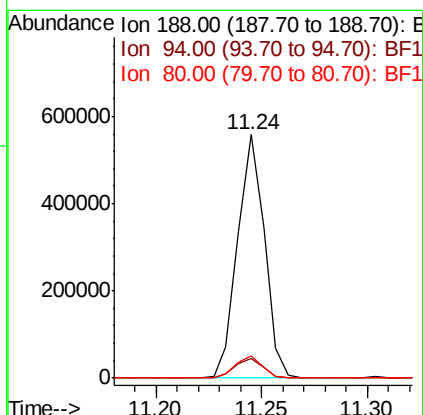
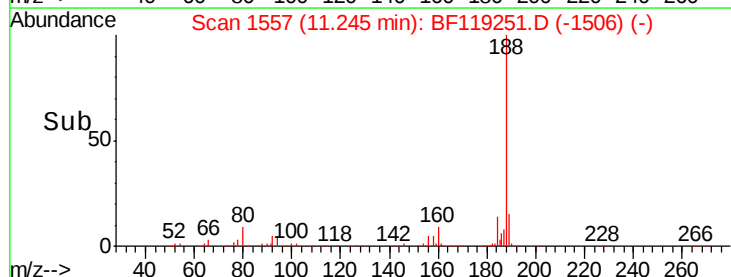
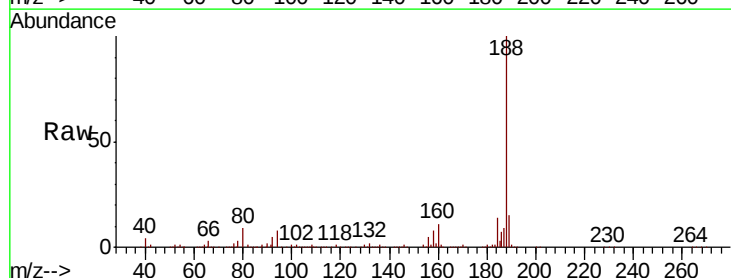
Instrument :
BNA_F
ClientSampled :

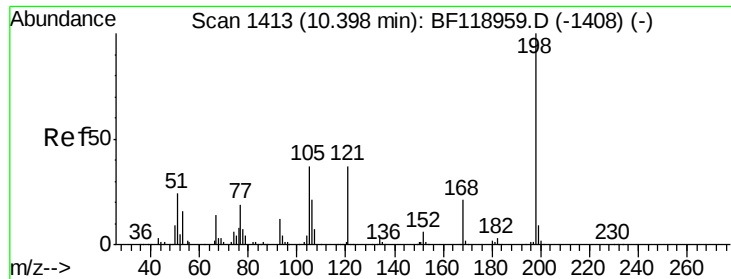
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.4	11.4	51.4	
105	22.0	3.4	43.4	
51	24.9	5.1	45.1	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.3	7.1	10.7	
80	9.4	7.8	11.8	

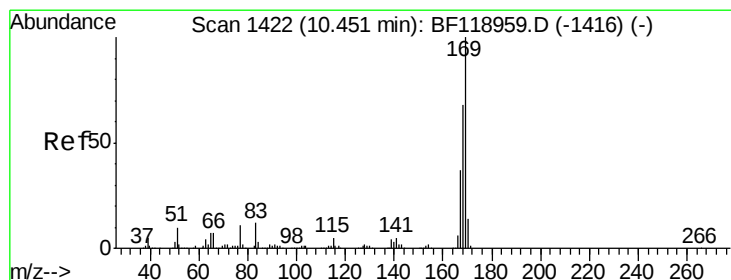
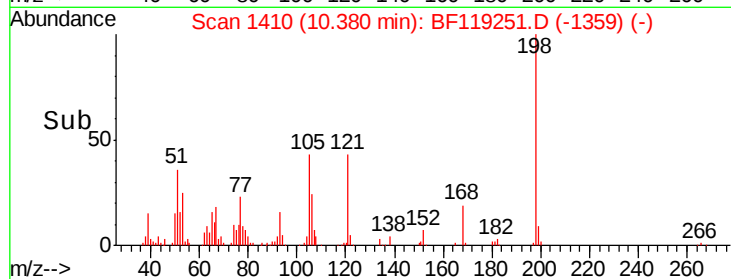
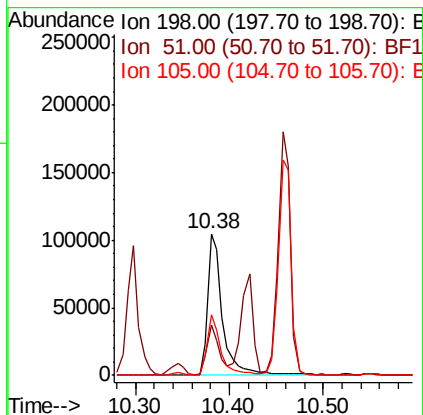
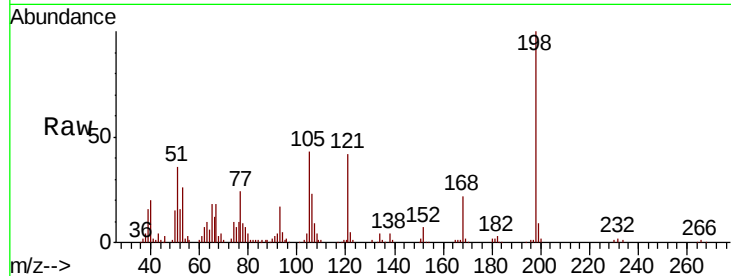




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.366 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

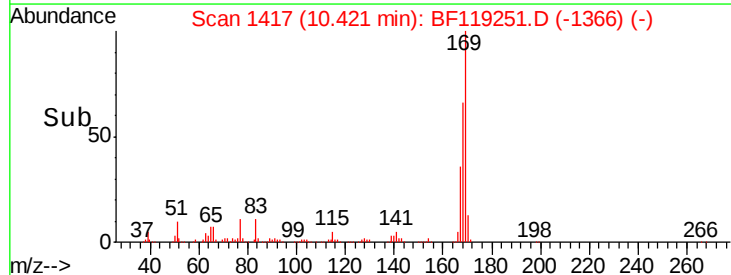
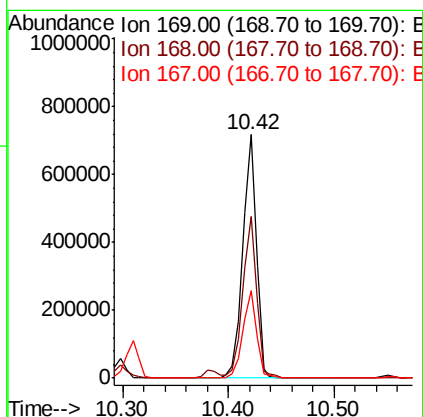
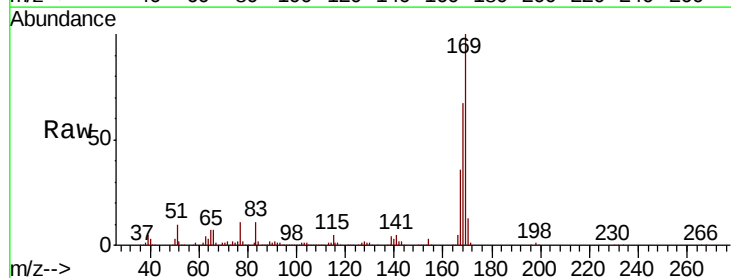
Instrument :
 BNA_F
 ClientSampled :

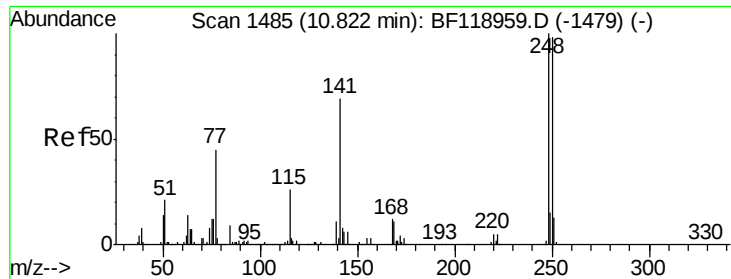
Tot Ion:198 Resp: 117546
 Ion Ratio Lower Upper
 198 100
 51 35.6 14.2 54.2
 105 42.5 22.7 62.7



#66
 n-Nitrosodiphenylamine
 Concen: 39.149 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

Tgt Ion:169 Resp: 632552
 Ion Ratio Lower Upper
 169 100
 168 66.6 54.1 81.1
 167 36.1 29.4 44.0

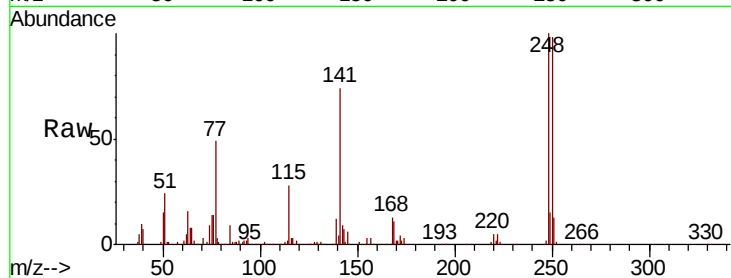




#67
4-Bromophenyl-phenylether
Concen: 38.623 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.7	115.1
141	73.6	60.7	91.1

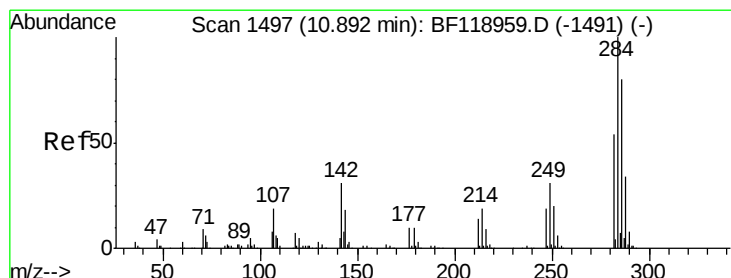
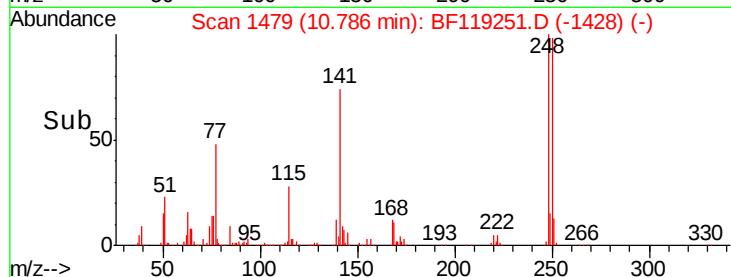
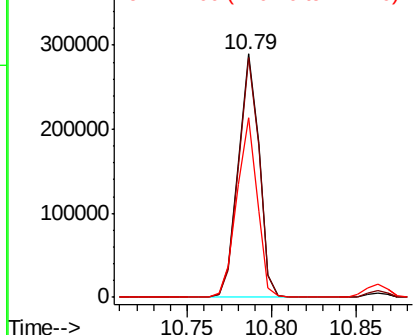


Abundance

Ion 248.00 (247.70 to 248.70): E

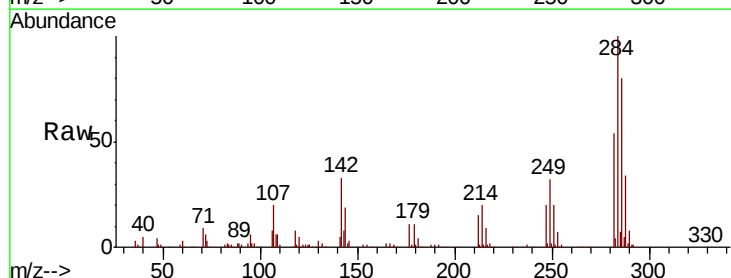
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.649 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	23.7	35.5
249	32.1	25.0	37.6

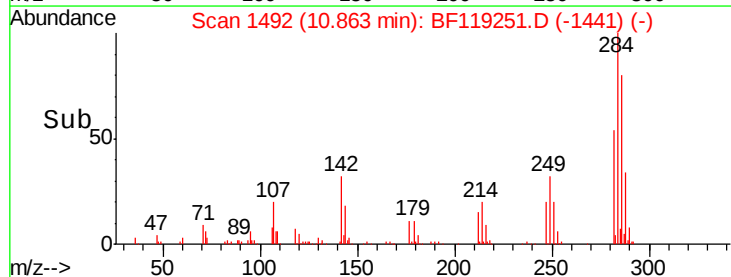
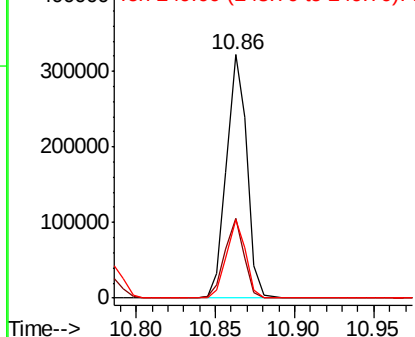


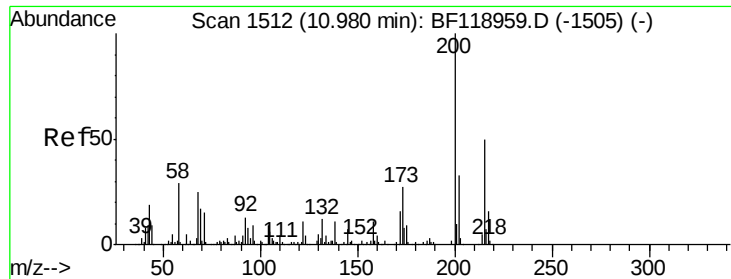
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

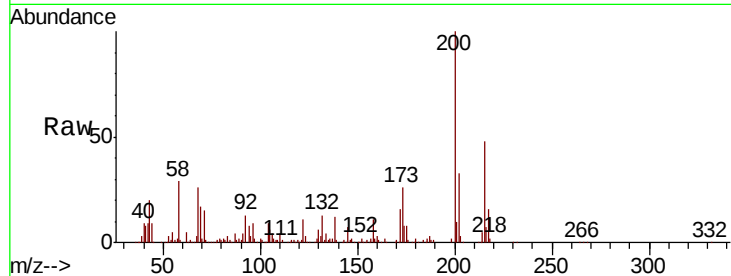




#69
Atrazine
Concen: 35.196 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.4	46.4
215	47.7	27.4	67.4

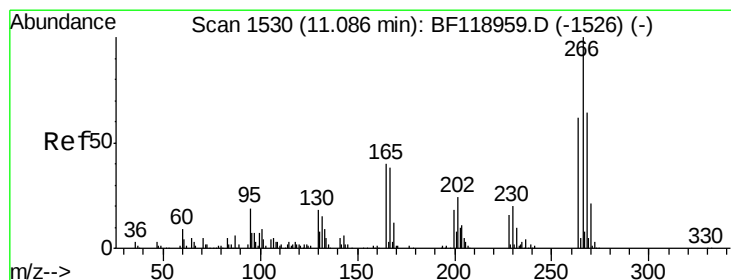
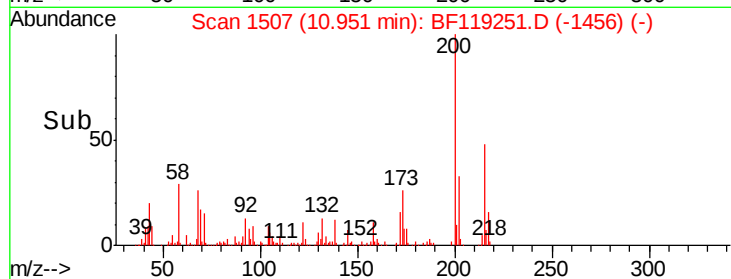
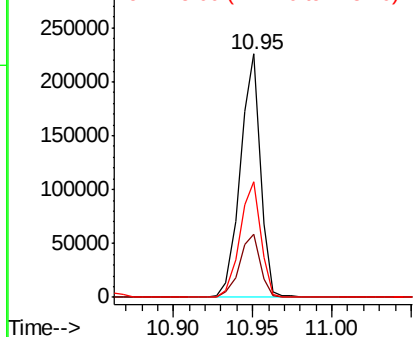


Abundance

Ion 200.00 (199.70 to 200.70): E

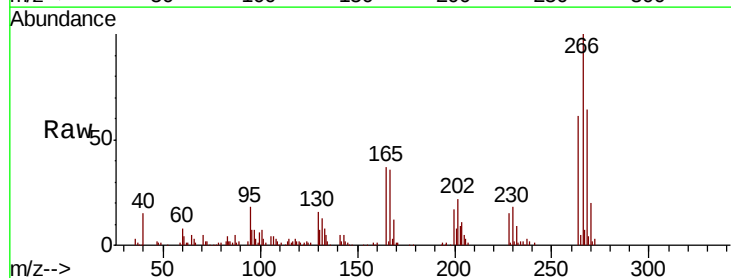
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 55.231 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.9	77.9
264	61.0	51.0	76.4

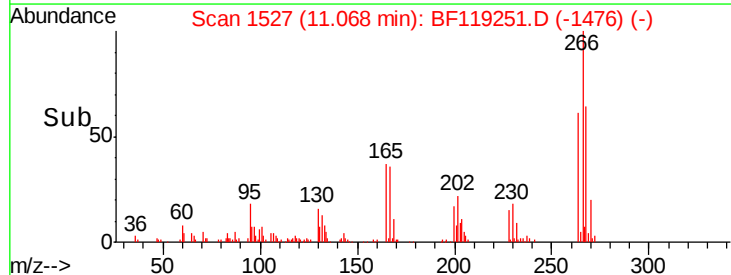
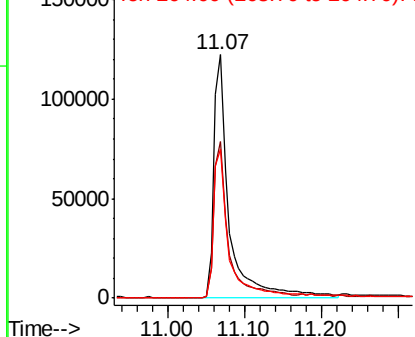


Abundance

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

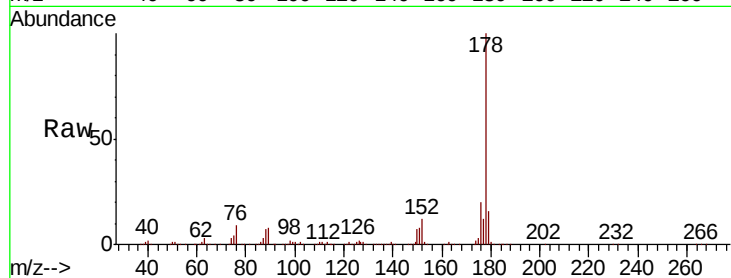




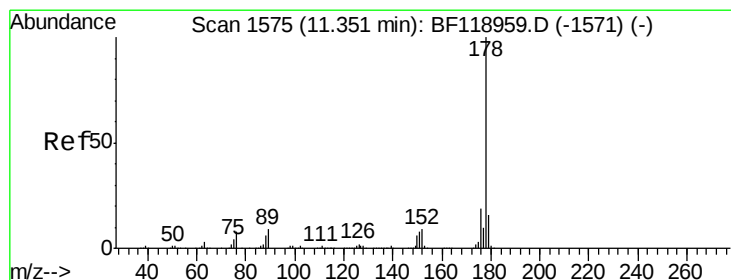
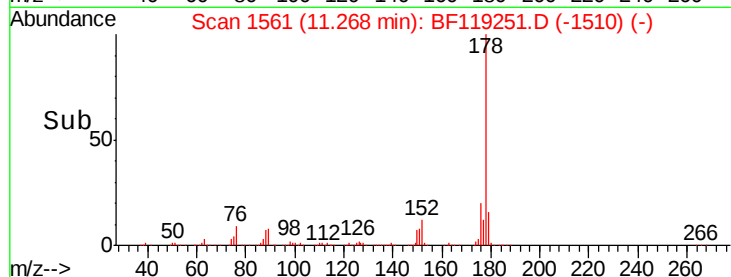
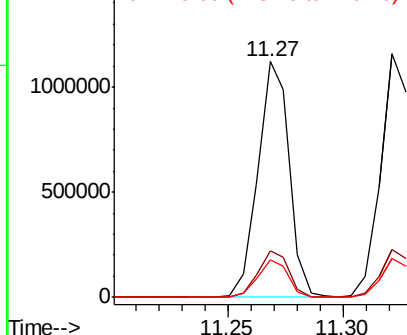
#71
Phenanthrene
Concen: 39.333 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1058482
Ion Ratio Lower Upper
178 100
176 20.0 16.5 24.7
179 16.2 13.0 19.6

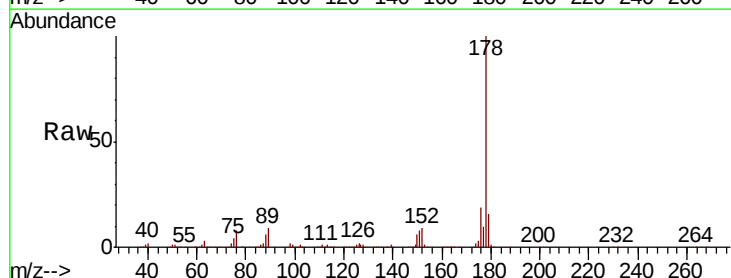


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

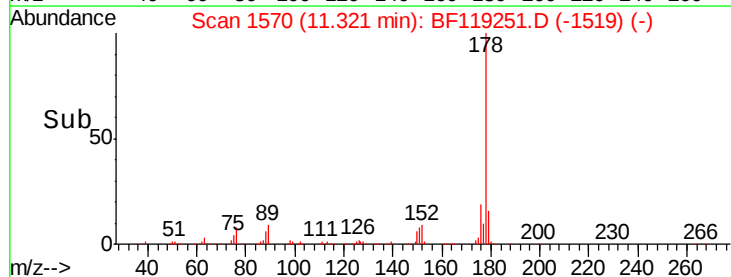
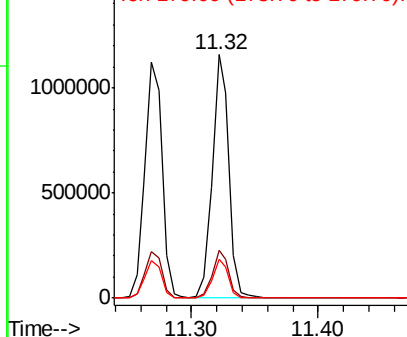


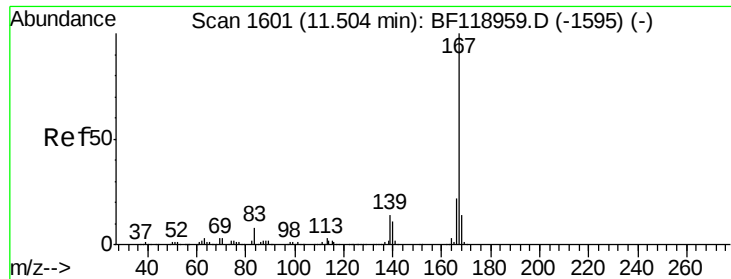
#72
Anthracene
Concen: 39.732 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Tgt Ion:178 Resp: 1068319
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.7 13.1 19.7



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

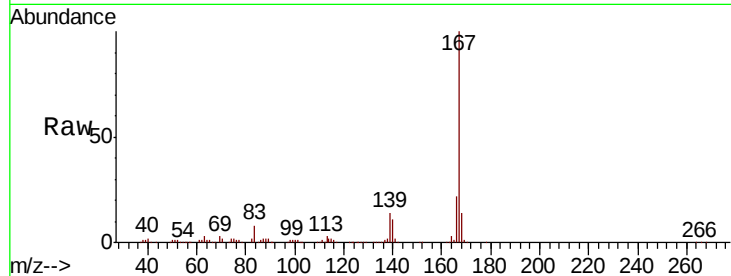




#73
 Carbazole
 Concen: 40.045 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.4
139	13.5	11.7	17.5

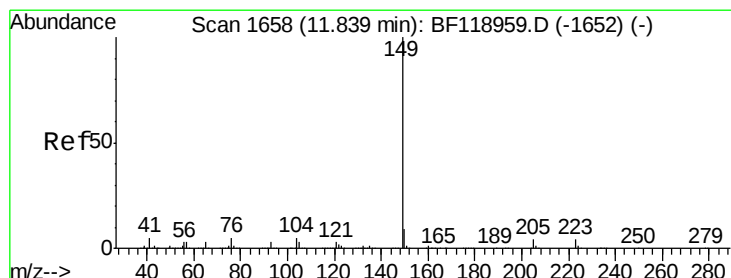
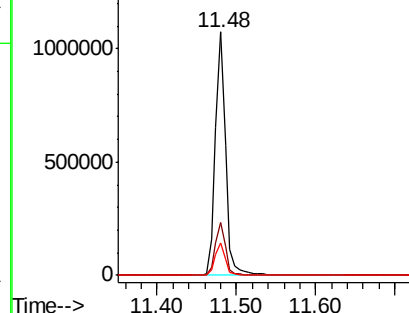
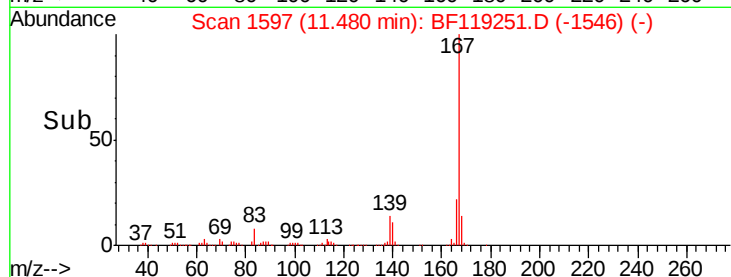


Abundance

Ion 167.00 (166.70 to 167.70): E

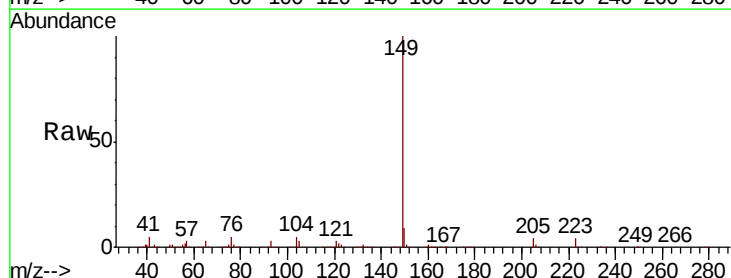
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 42.419 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.2	4.6	6.8

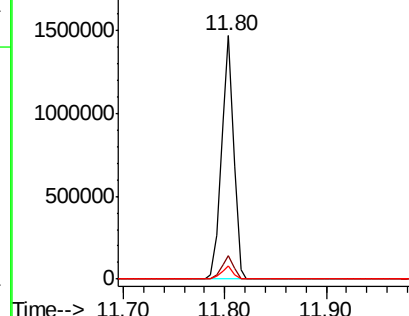
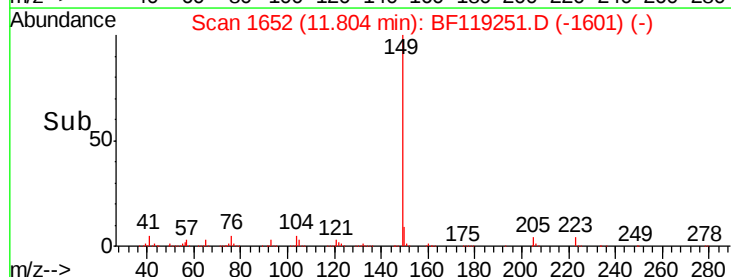


Abundance

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



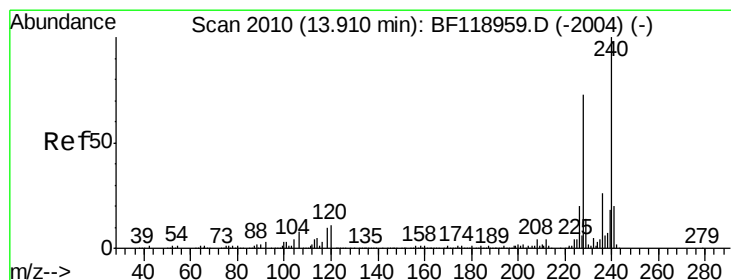
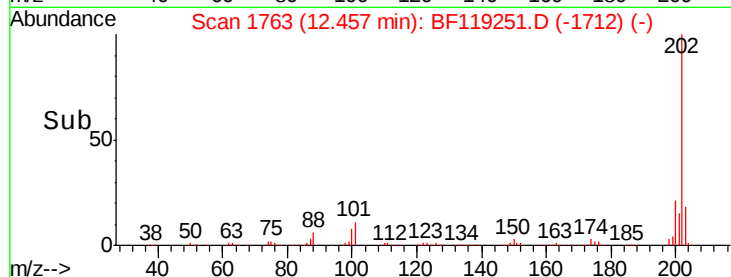
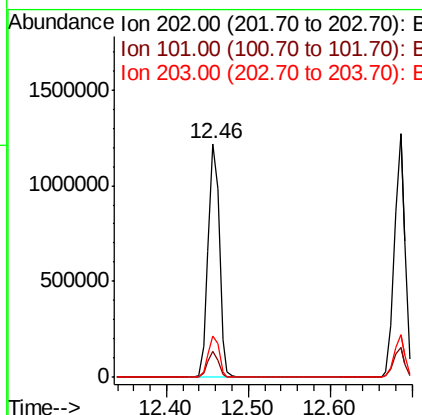
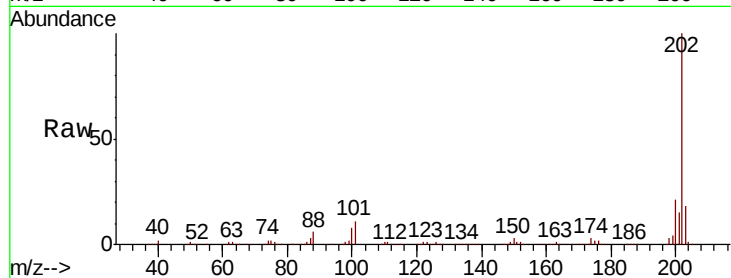


#75
 Fluoranthene
 Concen: 40.496 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1156770

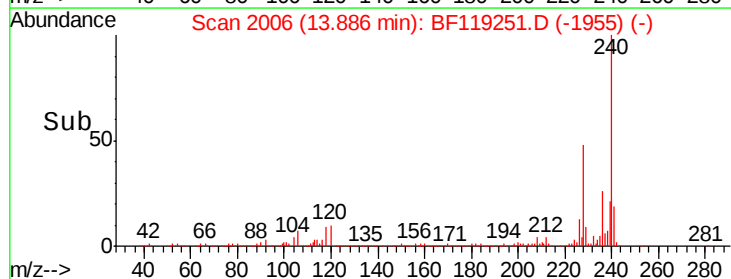
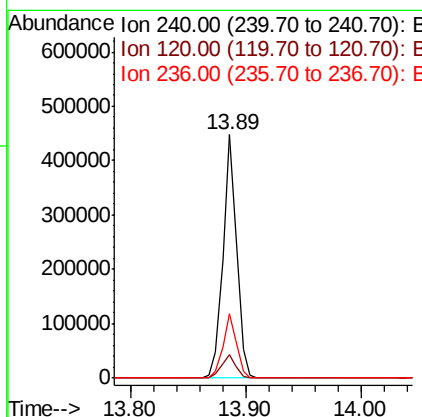
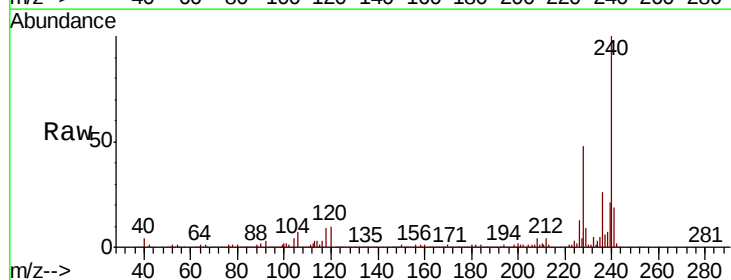
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.3
203	17.5	0.0	38.4

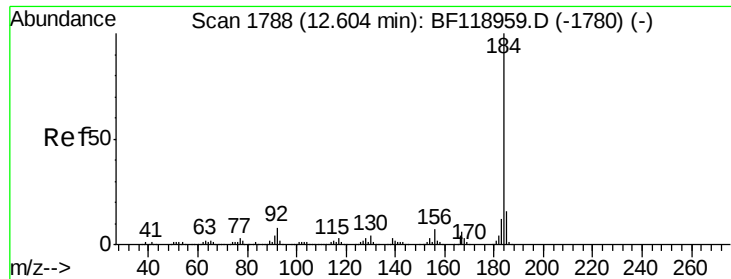


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

Tgt Ion:240 Resp: 372160

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.4	12.6
236	26.2	21.0	31.4





#77

Benzidine

Concen: 43.925 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

Instrument :

BNA_F

ClientSampleId :

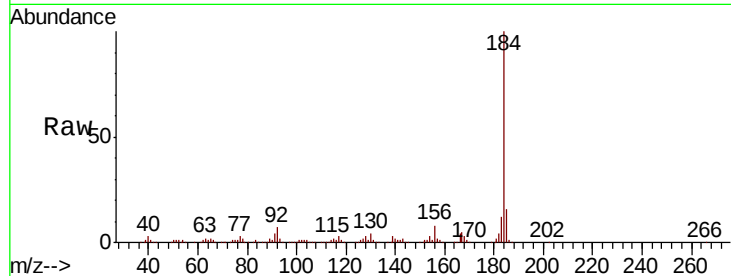
Tot Ion:184 Resp: 664822

Ion Ratio Lower Upper

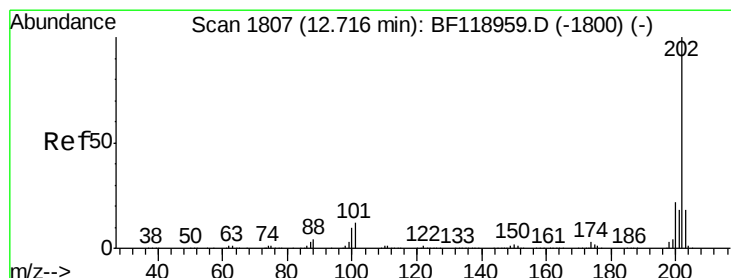
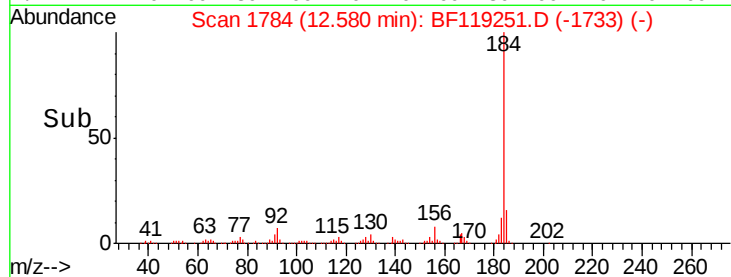
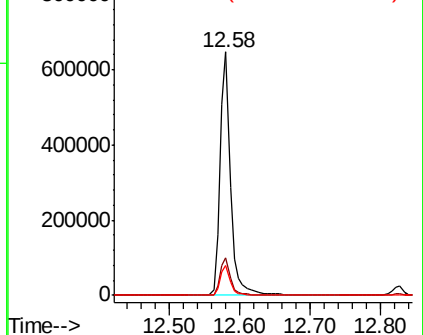
184 100

185 15.6 12.2 18.4

183 12.2 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.615 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

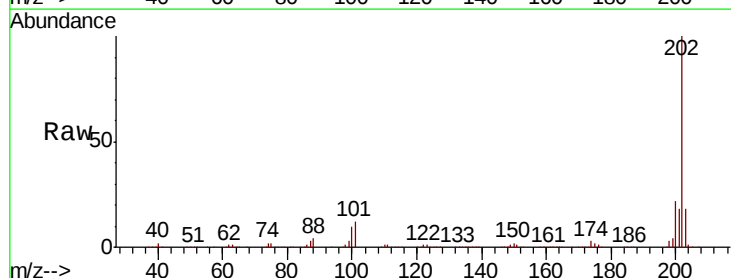
Tgt Ion:202 Resp: 1153977

Ion Ratio Lower Upper

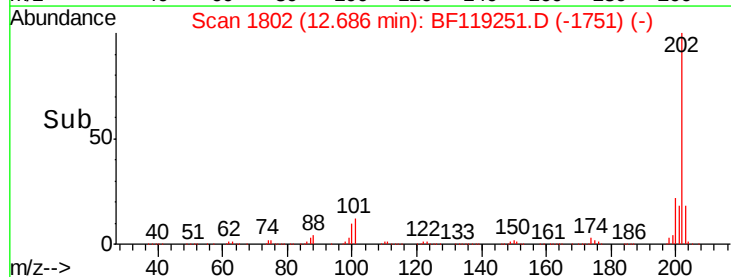
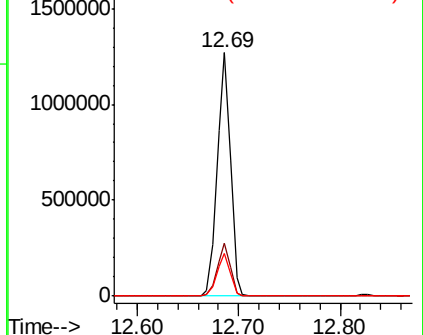
202 100

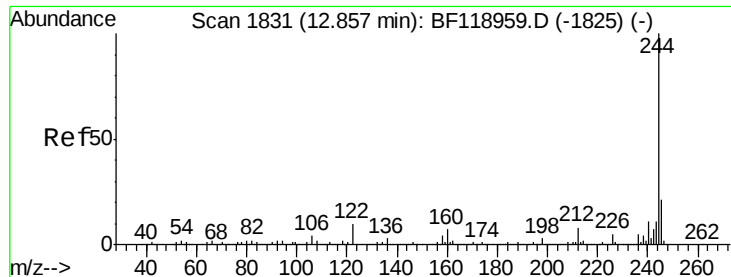
200 22.0 18.0 27.0

203 17.6 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

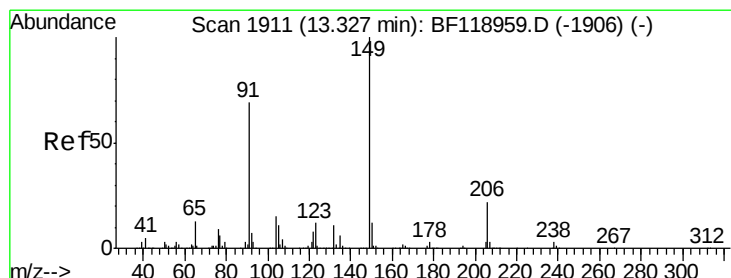
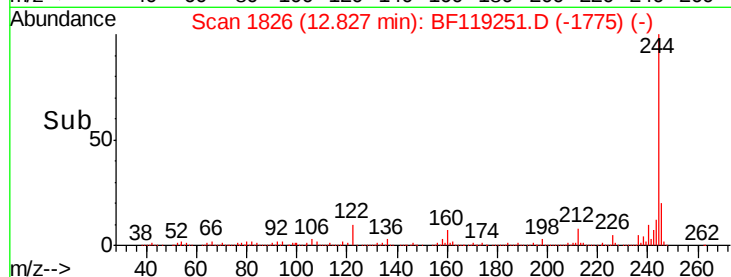
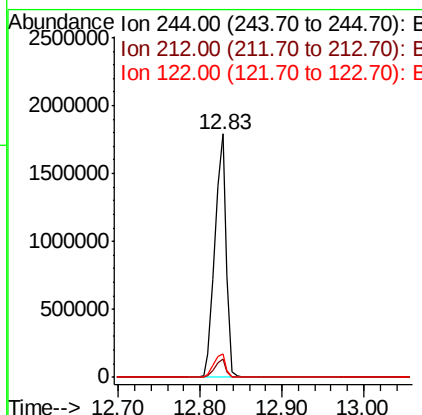
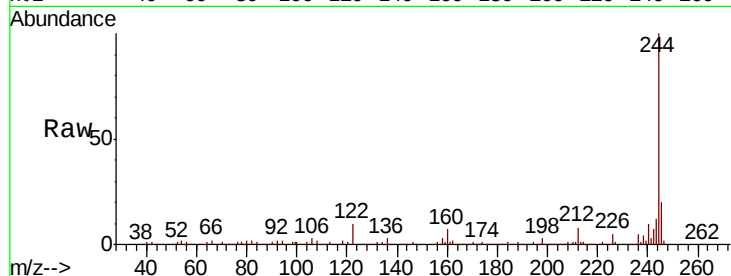




#79
 Terphenyl-d14
 Concen: 80.806 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

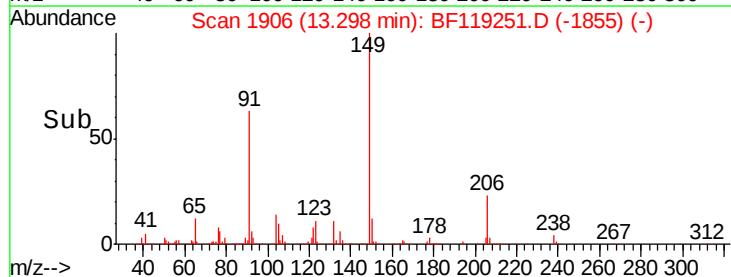
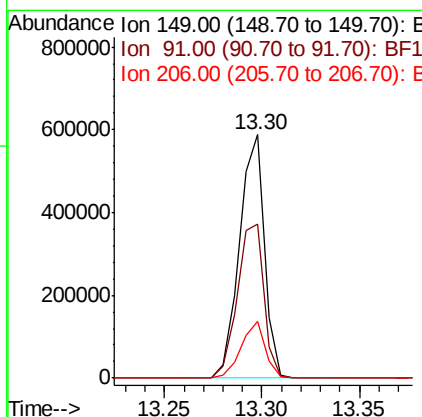
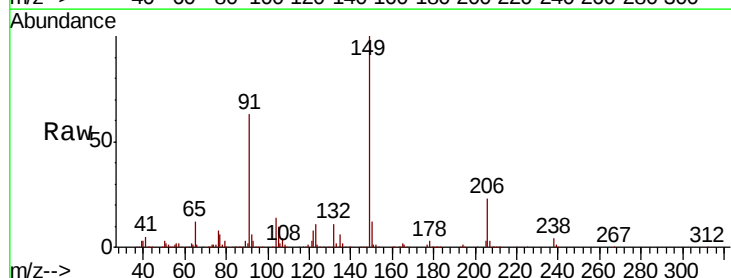
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1746721
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 10.0
 122 9.6 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 41.546 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

Tgt Ion:149 Resp: 522533
 Ion Ratio Lower Upper
 149 100
 91 63.0 52.3 78.5
 206 23.3 18.5 27.7





#81

Benzo(a)anthracene

Concen: 40.285 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

Instrument :

BNA_F

ClientSampleId :

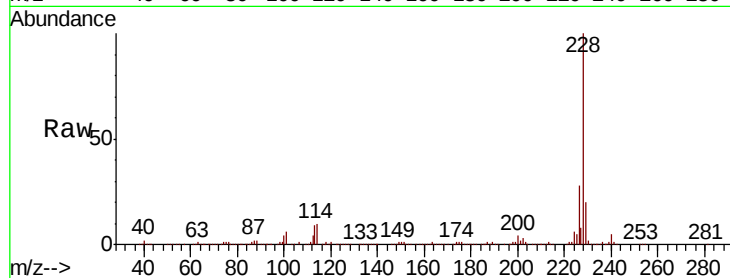
Tot Ion:228 Resp: 1021542

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

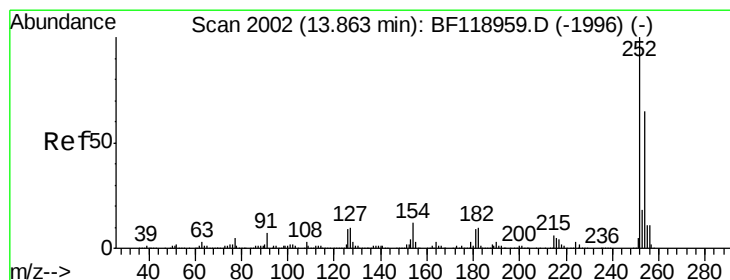
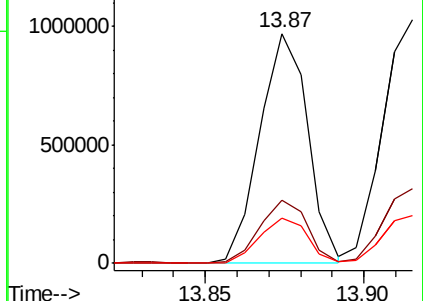
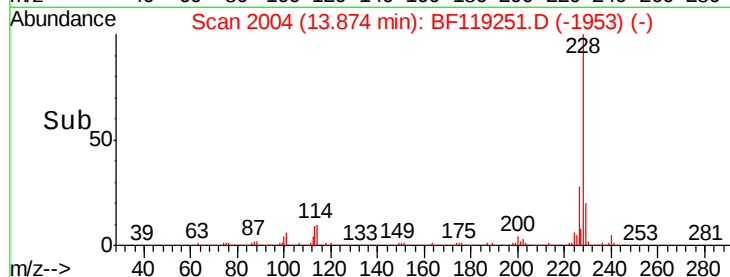
229 19.7 16.6 24.8



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: 40.012 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

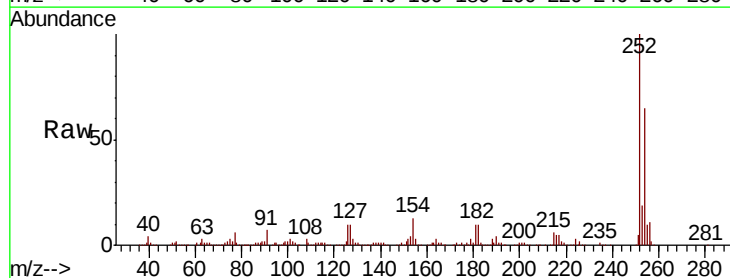
Tgt Ion:252 Resp: 393977

Ion Ratio Lower Upper

252 100

254 64.9 51.6 77.4

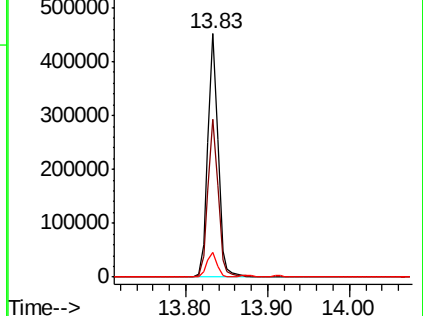
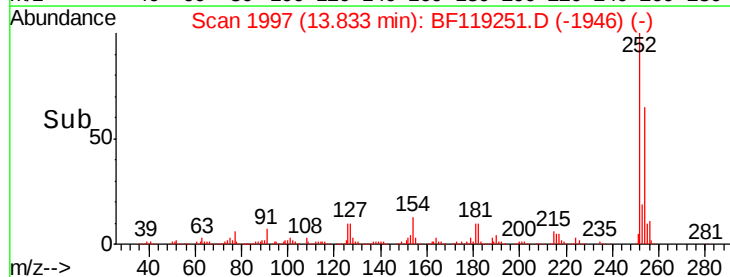
126 10.4 7.4 11.0

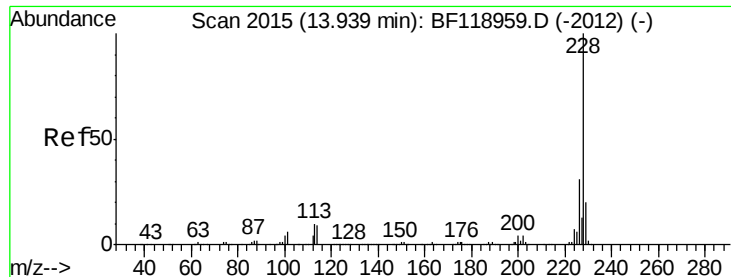


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

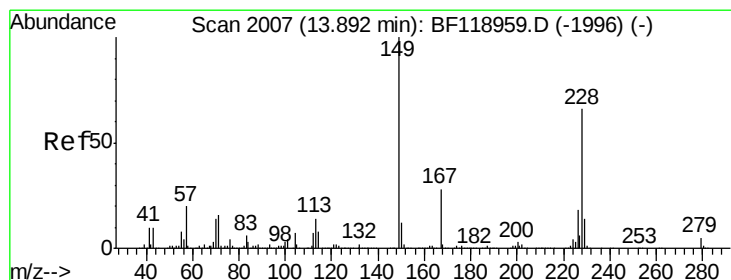
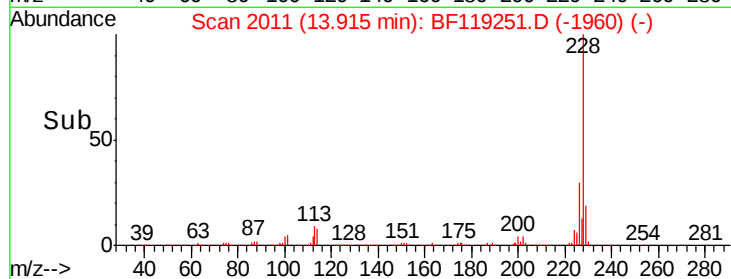
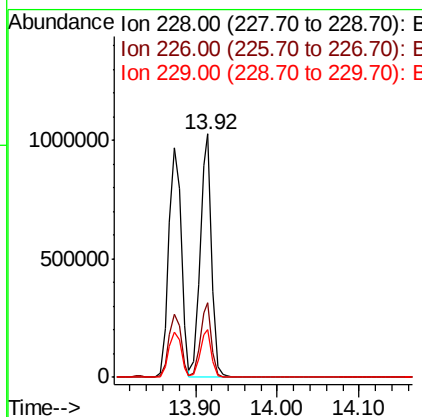
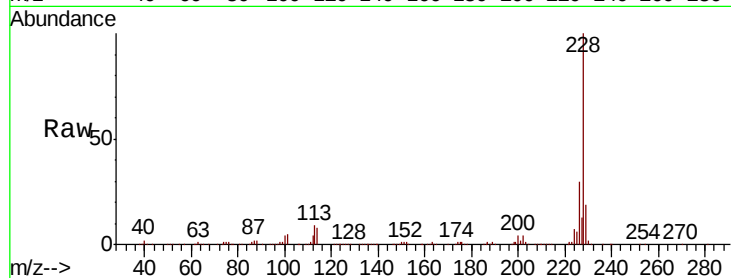




#83
 Chrysene
 Concen: 39.519 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

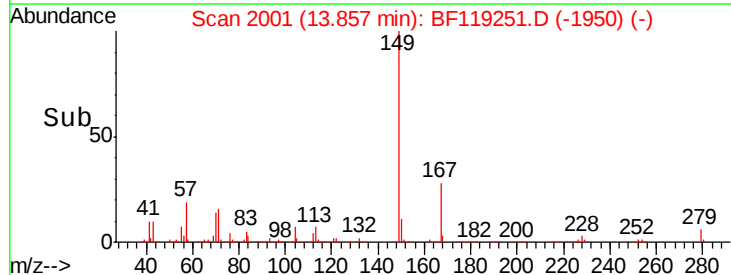
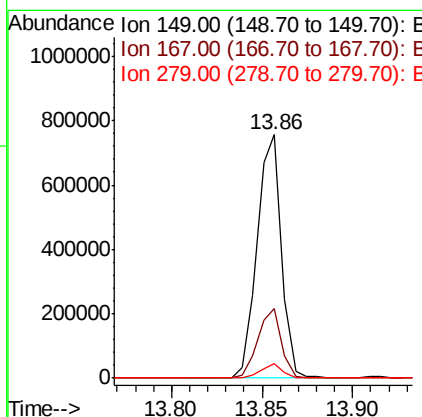
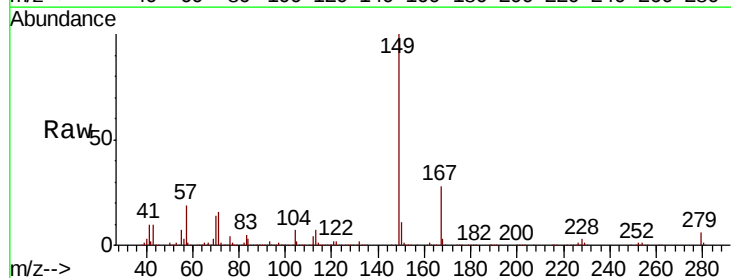
Instrument :
 BNA_F
 ClientSampleID :

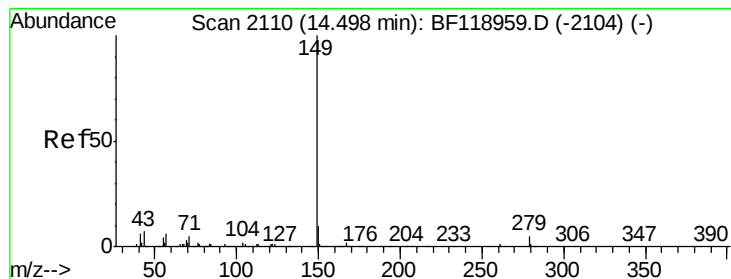
Tot Ion:228 Resp: 998531
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.1 37.7
 229 19.5 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.300 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119251.D
 Acq: 6 Mar 2020 15:38

Tgt Ion:149 Resp: 703909
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.8 34.2
 279 5.8 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 42.482 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

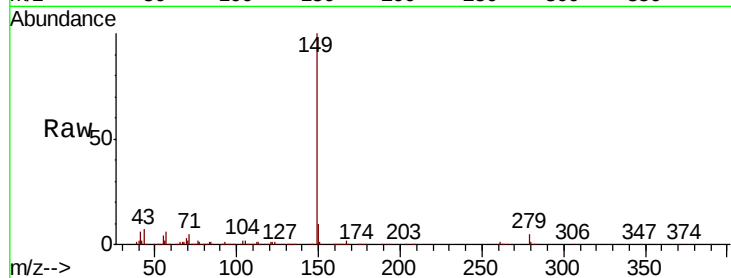
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1075507

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.8	5.7	8.5

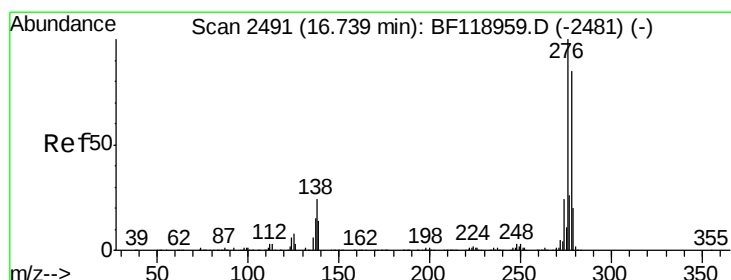
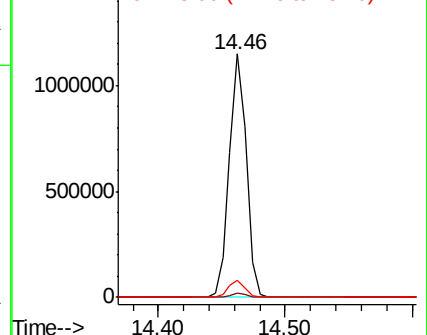
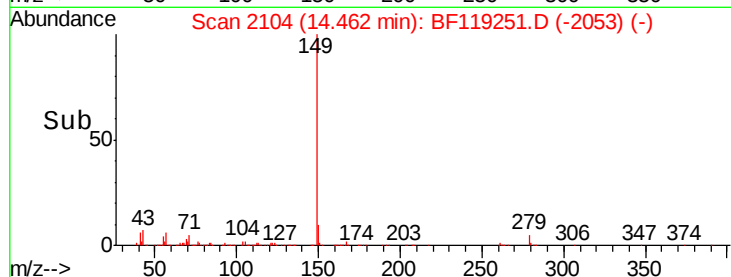


Abundance

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: 33.057 ng

RT: 16.72 min Scan# 2487

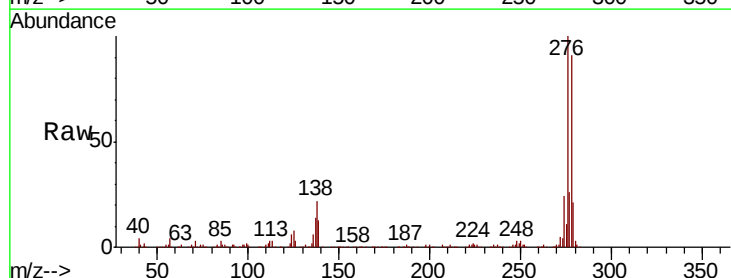
Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

Tgt Ion:276 Resp: 808758

Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.4	26.0
277	25.3	20.3	30.5

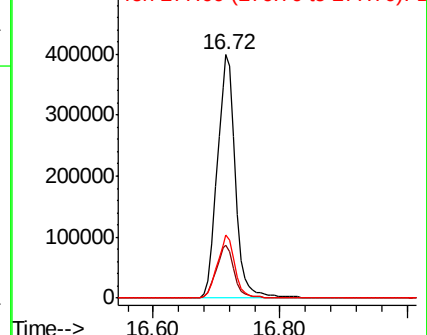
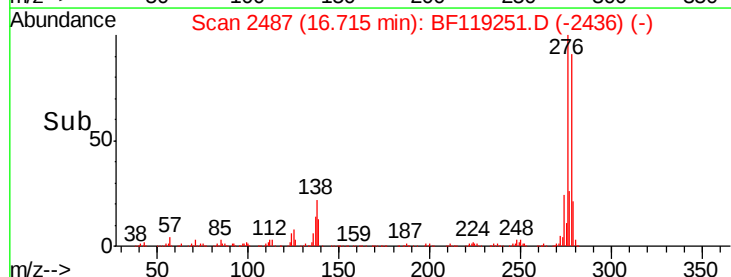


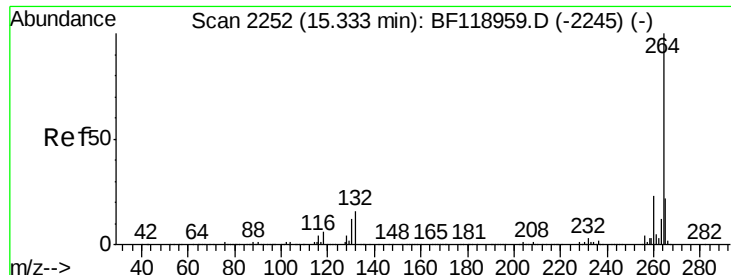
Abundance

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



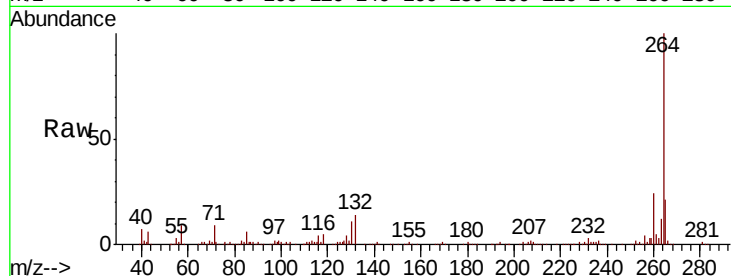


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

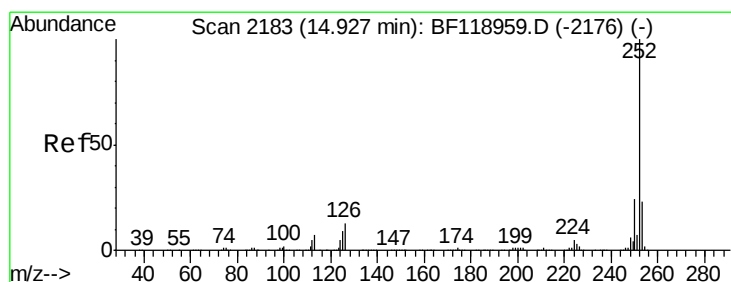
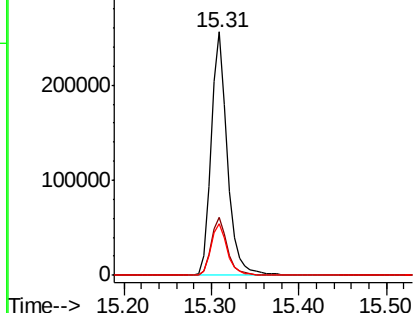
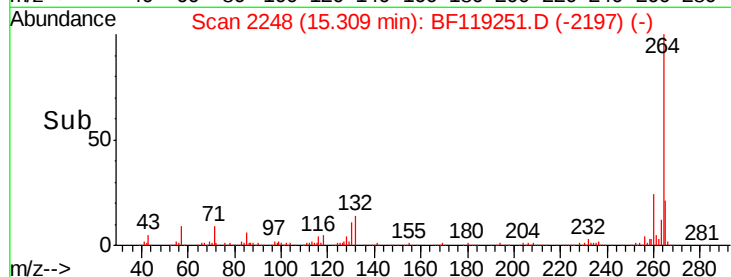
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 329663

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.3	17.7	26.5



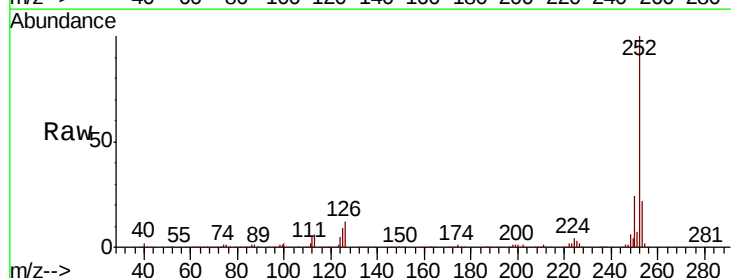
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



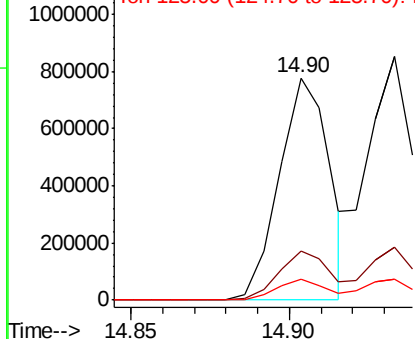
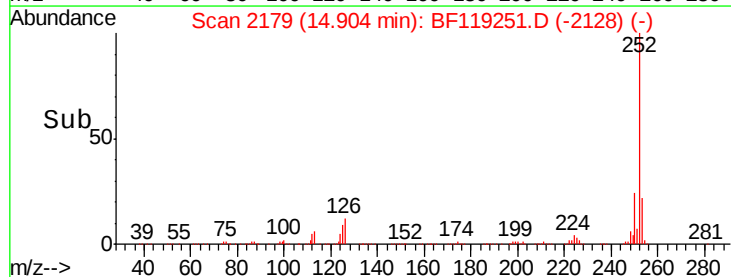
#88
Benzo(b)fluoranthene
Concen: 39.641 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

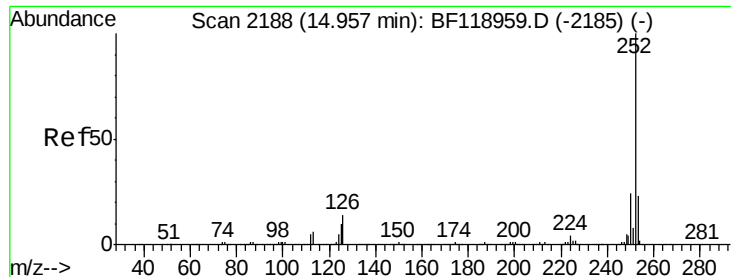
Tgt Ion:252 Resp: 861384

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	9.2	7.4	11.0



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

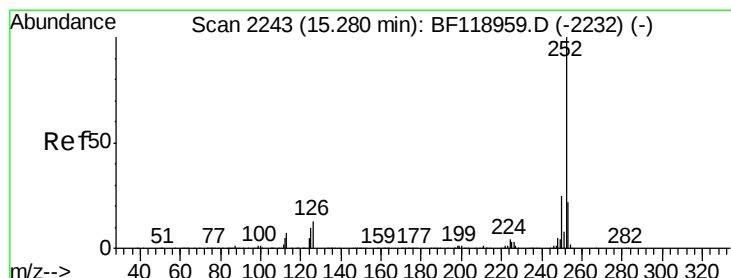
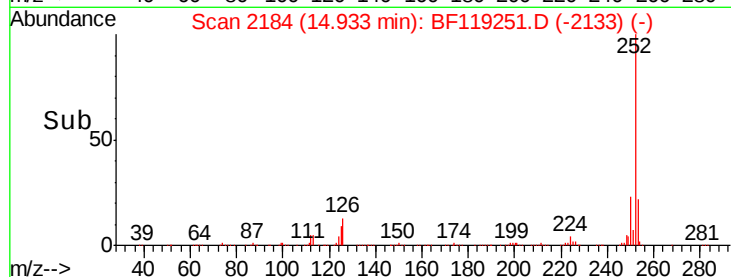
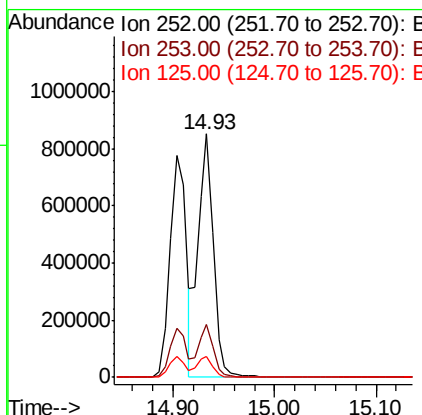
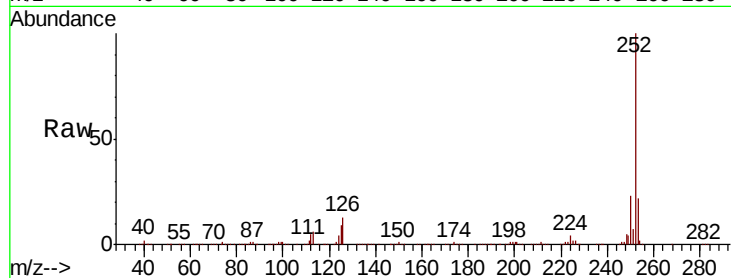




#89
Benzo(k)fluoranthene
Concen: 44.289 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

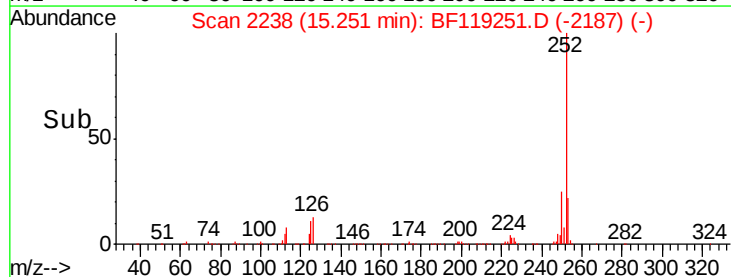
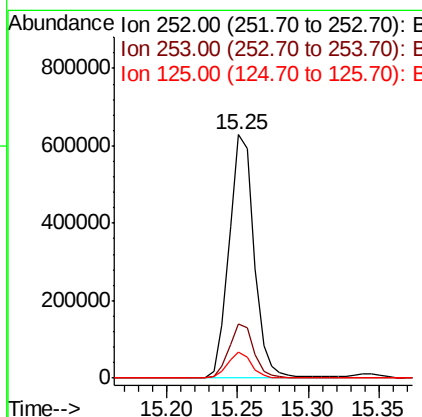
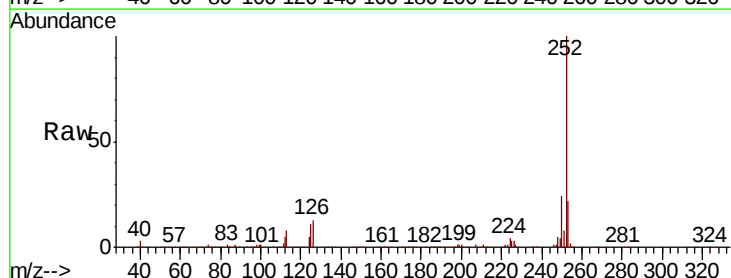
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 891866
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.8 7.5 11.3



#90
Benzo(a)pyrene
Concen: 39.861 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF119251.D
Acq: 6 Mar 2020 15:38

Tgt Ion:252 Resp: 781734
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 10.7 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 38.840 ng

RT: 16.72 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

Instrument :

BNA_F

ClientSampleId :

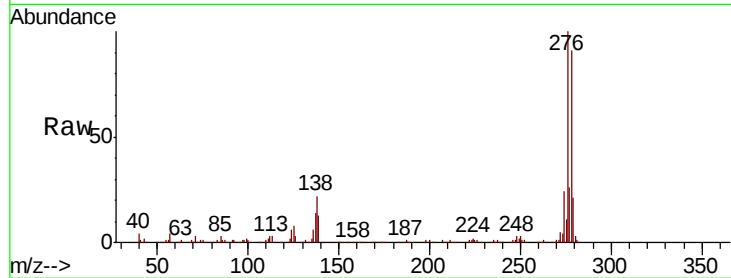
Tot Ion:278 Resp: 670224

Ion Ratio Lower Upper

278 100

139 14.2 11.0 16.4

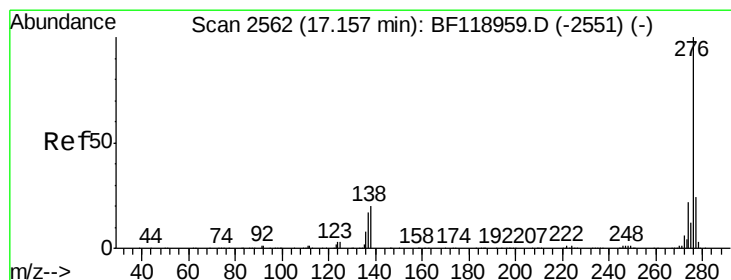
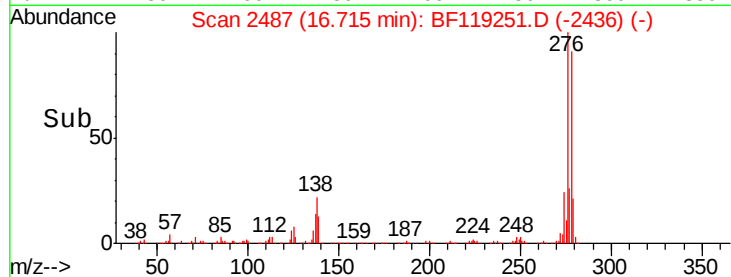
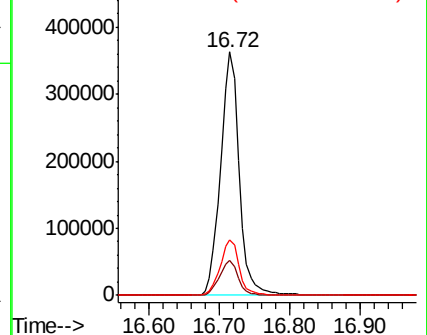
279 22.8 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.011 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.00 min

Lab File: BF119251.D

Acq: 6 Mar 2020 15:38

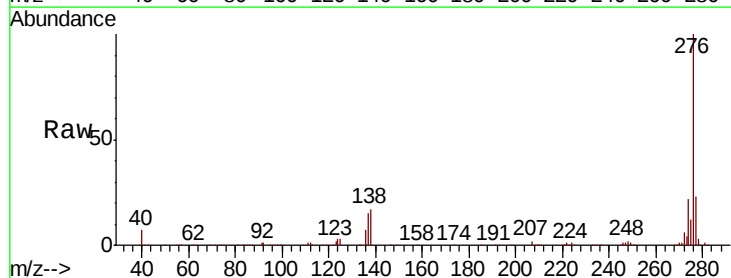
Tgt Ion:276 Resp: 631018

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 17.0 14.3 21.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

