

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119131.D
 Acq On : 28 Feb 2020 14:49
 Operator : CG/JU
 Sample : PB127140BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 02:37:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	139844	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	540411	20.00	ng	-0.02
39) Acenaphthene-d10	9.77	164	308885	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	579056	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	395925	20.00	ng	-0.02
87) Perylene-d12	15.30	264	257576	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	905710	108.24	ng	0.00
7) Phenol-d6	6.39	99	1121766	110.23	ng	-0.02
23) Nitrobenzene-d5	7.30	82	661013	64.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	421759	104.38	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1391135	66.35	ng	-0.02
79) Terphenyl-d14	12.83	244	1642597	71.43	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.49	88	130938	35.144	ng	99
3) Pyridine	3.23	79	311345	30.599	ng	98
4) n-Nitrosodimethylamine	3.16	42	120014	38.936	ng	97
6) Aniline	6.40	93	337098	26.844	ng	86
8) 2-Chlorophenol	6.53	128	373193	41.325	ng	98
9) Benzaldehyde	6.29	77	126518	18.607	ng	98
10) Phenol	6.40	94	439798	39.970	ng	94
11) bis(2-Chloroethyl)ether	6.47	93	341752	40.593	ng	99
12) 1,3-Dichlorobenzene	6.67	146	410951	37.967	ng	97
13) 1,4-Dichlorobenzene	6.75	146	419431	38.724	ng	99
14) 1,2-Dichlorobenzene	6.90	146	390925	39.575	ng	98
15) Benzyl Alcohol	6.89	79	314004	42.691	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	271421	37.217	ng	73
17) 2-Methylphenol	7.00	107	301865	41.229	ng	99
18) Hexachloroethane	7.25	117	148352	38.284	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	251029	42.331	ng	97
20) 3+4-Methylphenols	7.16	107	382996	42.697	ng	95
22) Acetophenone	7.15	105	505349	40.416	ng	# 96
24) Nitrobenzene	7.32	77	391831	38.713	ng	96
25) Isophorone	7.56	82	704087	39.611	ng	99
26) 2-Nitrophenol	7.63	139	210816	39.311	ng	99
27) 2,4-Dimethylphenol	7.68	122	321788	44.212	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	428608	37.045	ng	99
29) 2,4-Dichlorophenol	7.89	162	333306	38.900	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	367157	36.141	ng	99
31) Naphthalene	8.04	128	1083481	38.659	ng	98
32) Benzoic acid	7.83	122	181408	36.085	ng	100
33) 4-Chloroaniline	8.09	127	301981	25.051	ng	97
34) Hexachlorobutadiene	8.16	225	223000	35.240	ng	98
35) Caprolactam	8.46	113	51386	19.477	ng	97
36) 4-Chloro-3-methylphenol	8.59	107	345171	39.805	ng	97
37) 2-Methylnaphthalene	8.73	142	757243	40.149	ng	98
38) 1-Methylnaphthalene	8.83	142	708077	39.919	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	375408	36.047	ng	99

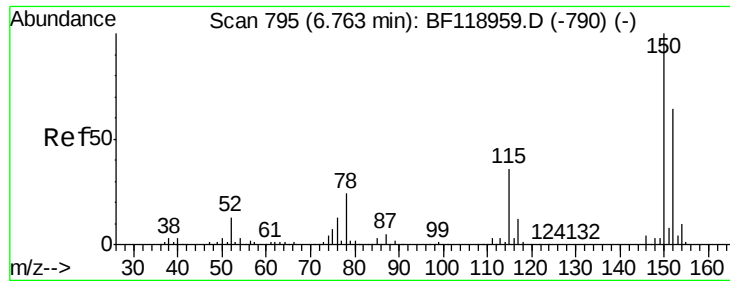
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	166374	48.129	nq	98
43) 2,4,6-Trichlorophenol	9.02	196	241112	36.662	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	256805	37.212	nq	99
46) 1,1'-Biphenyl	9.19	154	915920	36.689	nq	98
47) 2-Chloronaphthalene	9.22	162	733790	36.475	nq	98
48) 2-Nitroaniline	9.32	65	205320	36.592	nq	96
49) Acenaphthylene	9.63	152	1118169	38.484	nq	99
50) Dimethylphthalate	9.50	163	896981	37.976	nq	99
51) 2,6-Dinitrotoluene	9.56	165	200714	38.248	nq	# 87
52) Acenaphthene	9.80	154	659136	37.622	nq	99
53) 3-Nitroaniline	9.73	138	142903	24.564	nq	97
54) 2,4-Dinitrophenol	9.85	184	173402	69.111	nq	98
55) Dibenzofuran	9.97	168	1014544	38.797	nq	99
56) 4-Nitrophenol	9.91	139	234835	67.185	nq	95
57) 2,4-Dinitrotoluene	9.97	165	260053	38.232	nq	97
58) Fluorene	10.32	166	799184	39.329	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	213910	36.734	nq	99
60) Diethylphthalate	10.19	149	872777	39.210	nq	99
61) 4-Chlorophenyl-phenylether	10.31	204	418027	38.865	nq	96
62) 4-Nitroaniline	10.35	138	192118	32.277	nq	98
63) Azobenzene	10.47	77	772271	39.915	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	144501	41.240	nq	87
66) n-Nitrosodiphenylamine	10.43	169	729831	38.492	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	276026	36.468	nq	94
68) Hexachlorobenzene	10.87	284	312573	35.818	nq	96
69) Atrazine	10.96	200	252126	38.059	nq	97
70) Pentachlorophenol	11.07	266	243438	69.251	nq	100
71) Phenanthrene	11.28	178	1193865	37.806	nq	98
72) Anthracene	11.33	178	1230736	39.006	nq	98
73) Carbazole	11.49	167	1046854	37.242	nq	99
74) Di-n-butylphthalate	11.81	149	1348158	39.604	nq	99
75) Fluoranthene	12.46	202	1256868	37.496	nq	99
77) Benzidine	12.58	184	217125	13.484	nq	98
78) Pyrene	12.69	202	1242746	39.090	nq	99
80) Butylbenzylphthalate	13.30	149	539030	40.285	nq	99
81) Benzo(a)anthracene	13.88	228	1030465	38.198	nq	98
82) 3,3'-Dichlorobenzidine	13.83	252	290630	27.744	nq	# 98
83) Chrysene	13.92	228	971733	36.150	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	742086	43.899	nq	97
85) Di-n-octyl phthalate	14.47	149	1118609	41.532	nq	99
86) Indeno(1,2,3-cd)pyrene	16.71	276	826309	31.748	nq	100
88) Benzo(b)fluoranthene	14.90	252	834204	49.134	nq	100
89) Benzo(k)fluoranthene	14.93	252	824624	52.411	nq	99
90) Benzo(a)pyrene	15.25	252	714608	46.636	nq	98
91) Dibenzo(a,h)anthracene	16.71	278	696637	51.670	nq	98
92) Benzo(g,h,i)perylene	17.12	276	707780	53.131	nq	98

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

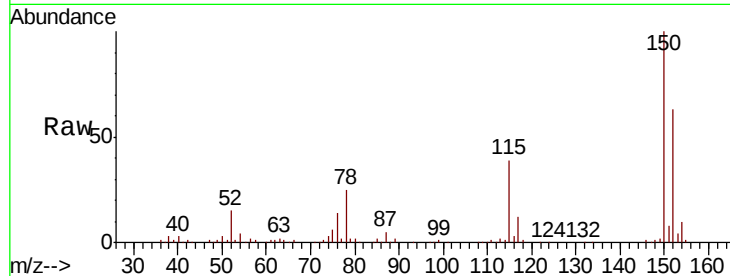


#1

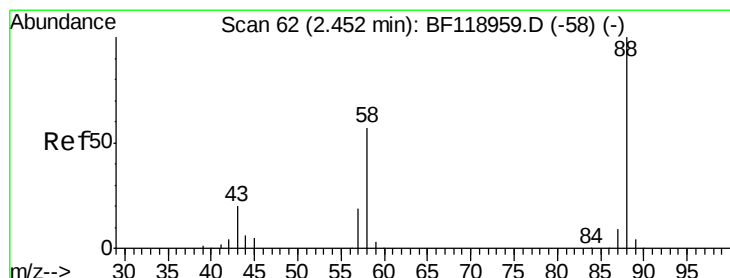
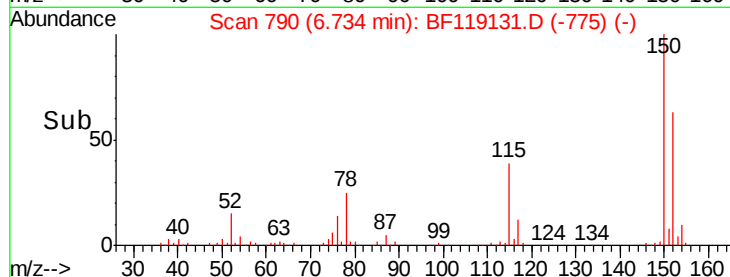
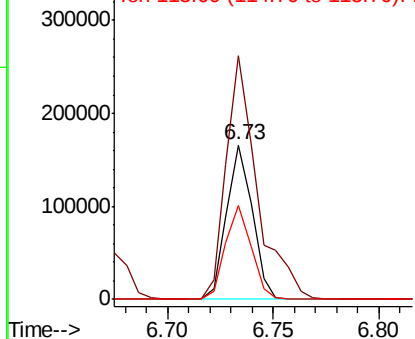
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139844
Ion Ratio Lower Upper
152 100
150 157.5 123.0 184.6
115 60.7 49.5 74.3



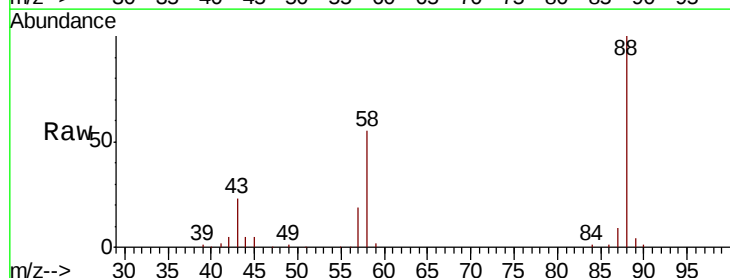
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



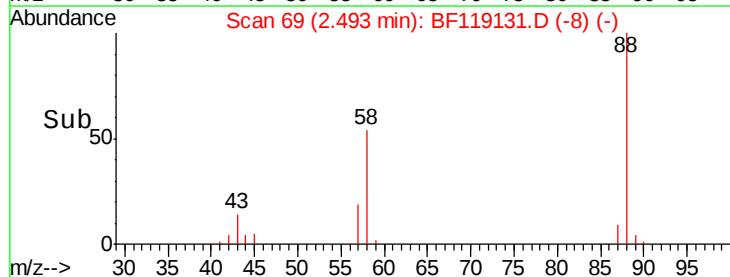
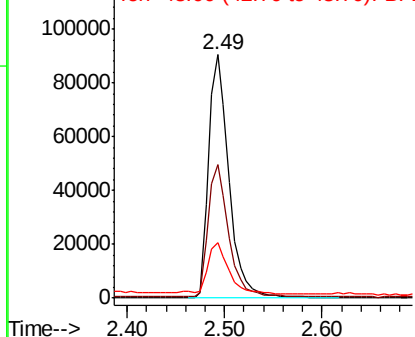
#2

1,4-Dioxane
Concen: 35.144 ng
RT: 2.49 min Scan# 69
Delta R.T. 0.06 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion: 88 Resp: 130938
Ion Ratio Lower Upper
88 100
58 54.0 43.8 65.6
43 21.5 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

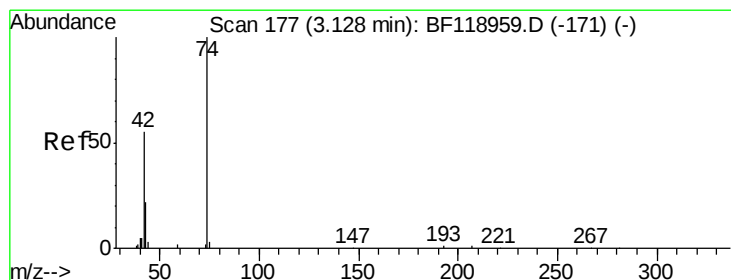
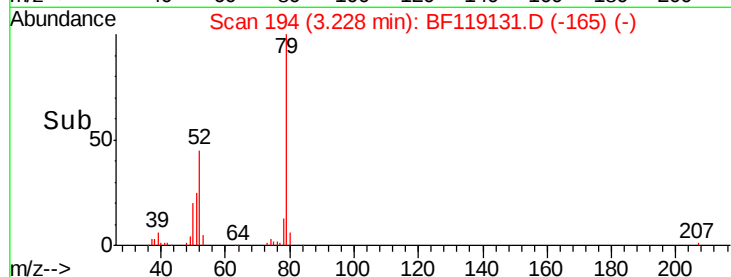
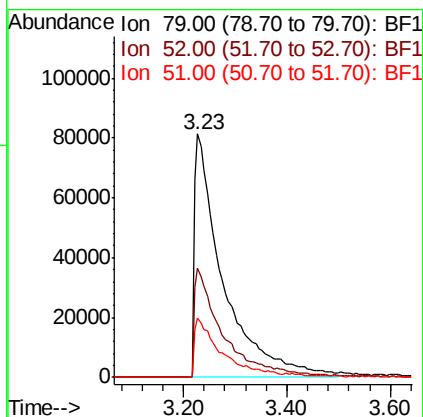
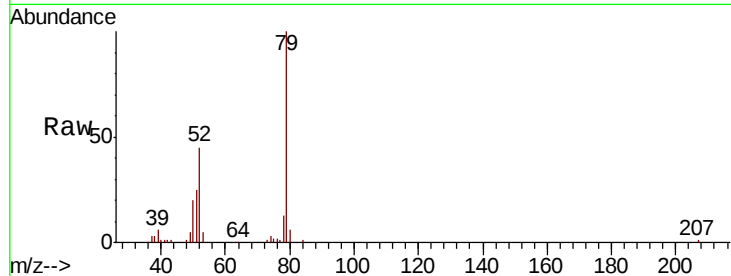




#3
 Pvridine
 Concen: 30.599 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.07 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

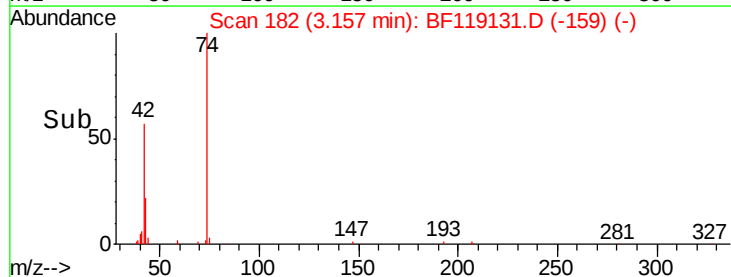
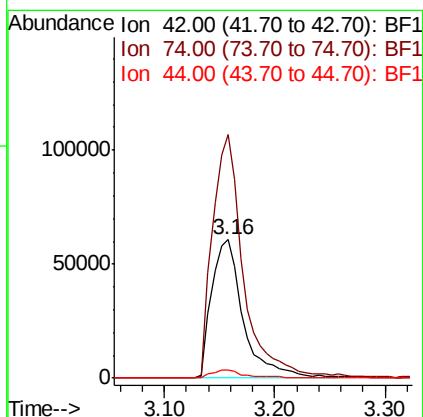
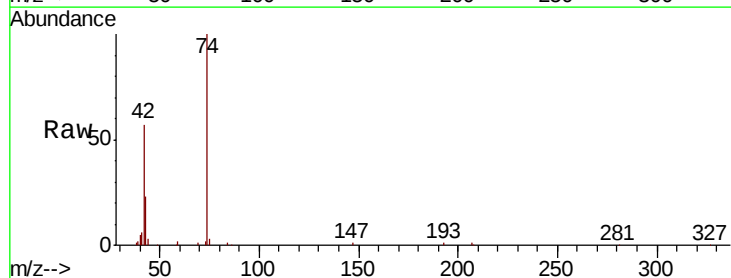
Instrument :
 BNA_F
 ClientSampled :

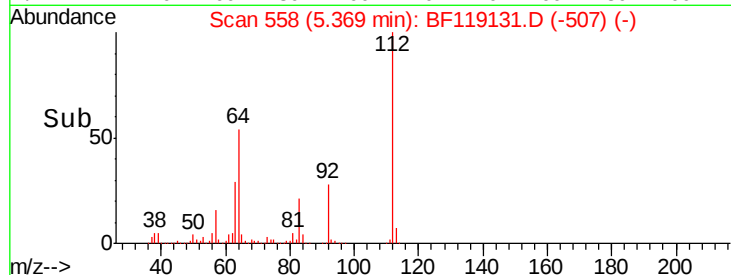
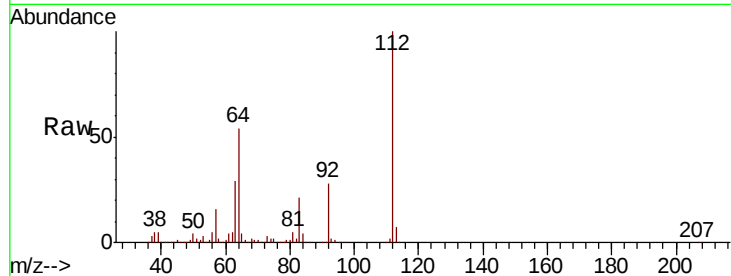
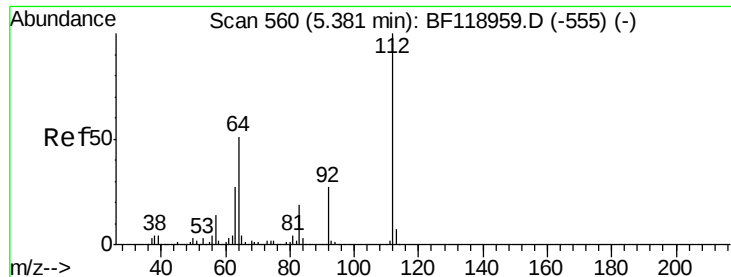
Tot Ion: 79 Resp: 311345
 Ion Ratio Lower Upper
 79 100
 52 45.0 37.4 56.0
 51 24.5 19.8 29.6



#4
 n-Nitrosodimethylamine
 Concen: 38.936 ng
 RT: 3.16 min Scan# 182
 Delta R.T. 0.04 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Tgt Ion: 42 Resp: 120014
 Ion Ratio Lower Upper
 42 100
 74 175.7 137.7 206.5
 44 5.6 4.5 6.7





#5

2-Fluorophenol

Concen: 108.235 ng

RT: 5.37 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

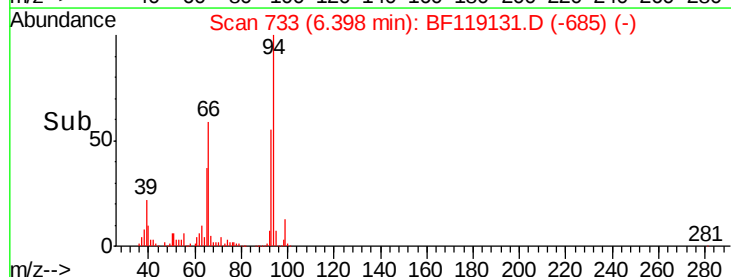
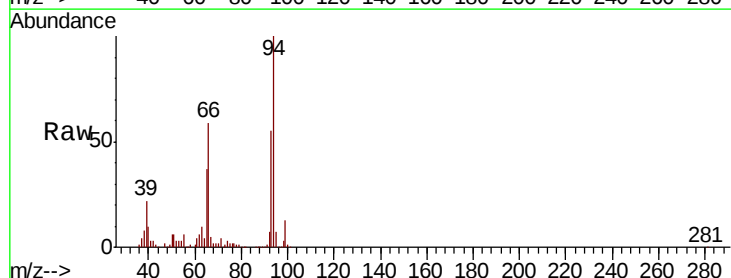
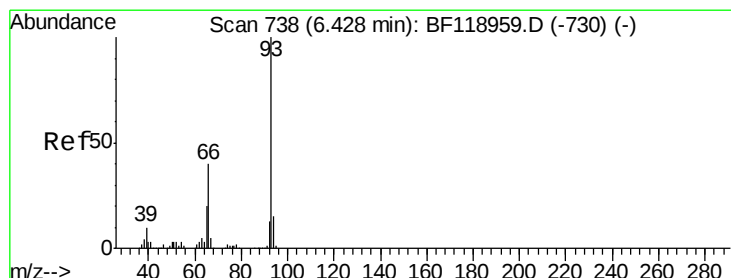
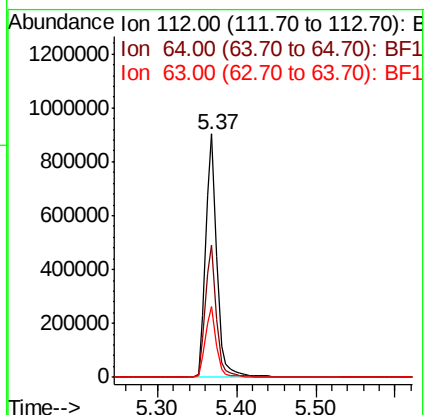
Tot Ion:112 Resp: 905710

Ion Ratio Lower Upper

112 100

64 54.4 45.0 67.4

63 29.3 24.2 36.4



#6

Aniline

Concen: 26.844 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

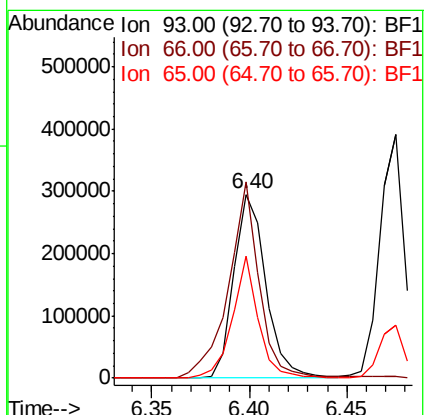
Tgt Ion: 93 Resp: 337098

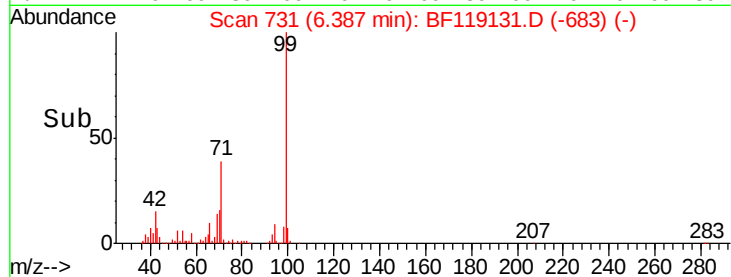
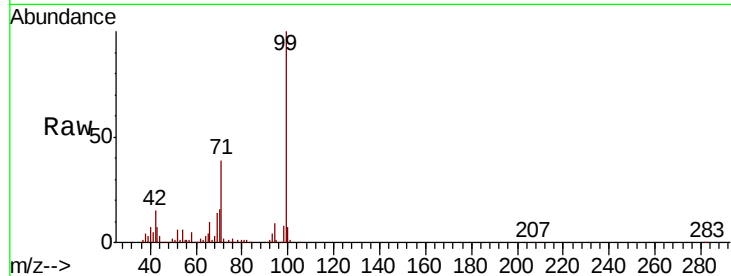
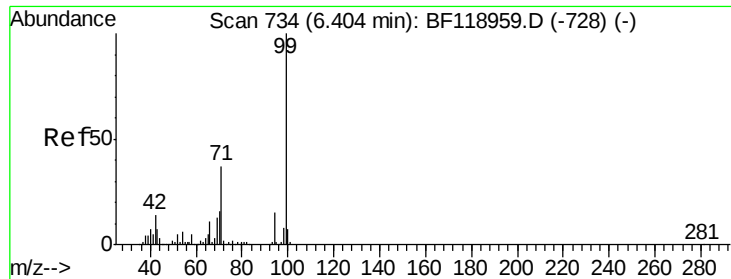
Ion Ratio Lower Upper

93 100

66 106.8 74.5 111.7

65 66.9 45.3 67.9





#7

Phenol-d6

Concen: 110.225 ng

RT: 6.39 min Scan# 731

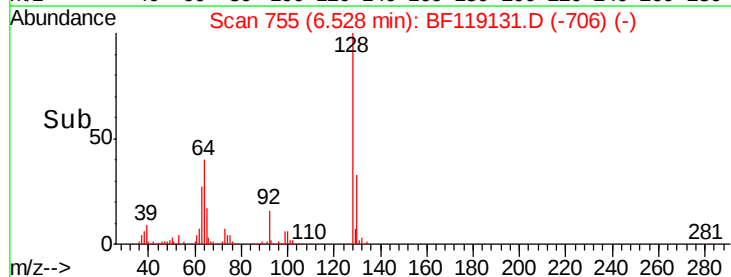
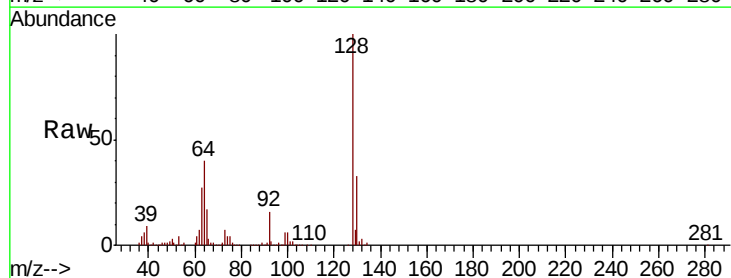
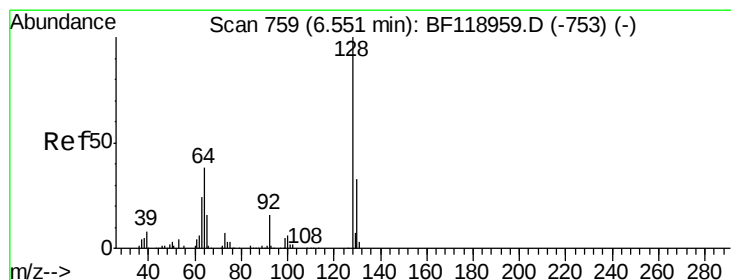
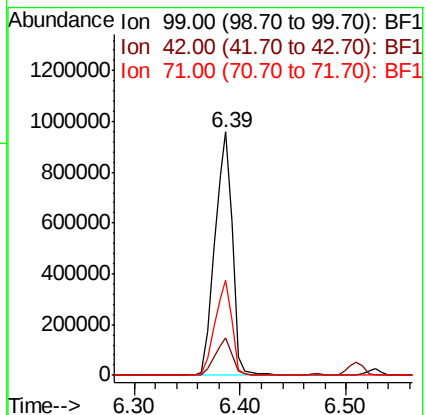
Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Tot Ion: 99 Resp: 1121766

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.6	18.8
71	38.9	31.0	46.4



#8

2-Chlorophenol

Concen: 41.325 ng

RT: 6.53 min Scan# 755

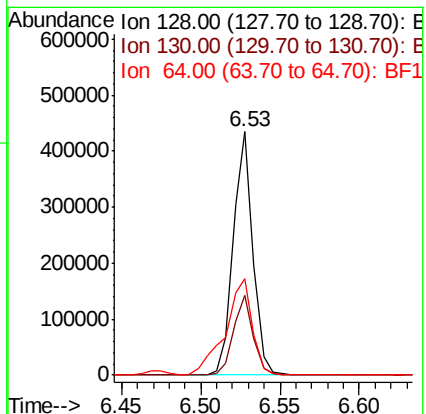
Delta R.T. -0.01 min

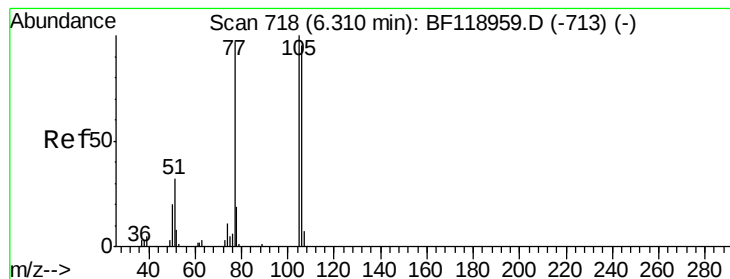
Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Tgt Ion: 128 Resp: 373193

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	39.6	22.3	62.3





#9

Benzaldehyde

Concen: 18.607 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

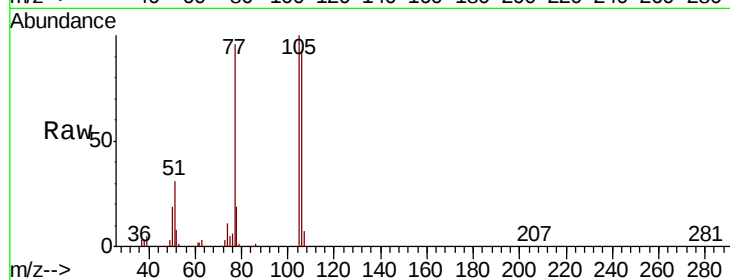
Tot Ion: 77 Resp: 126518

Ion Ratio Lower Upper

77 100

105 104.4 80.1 120.1

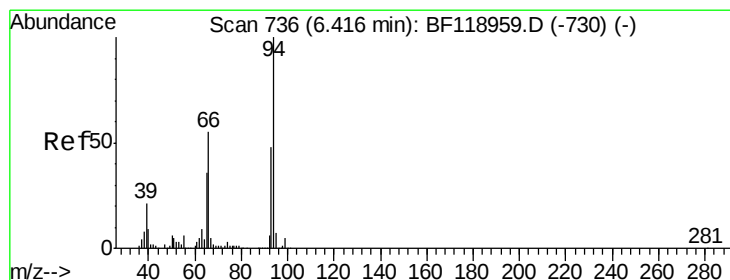
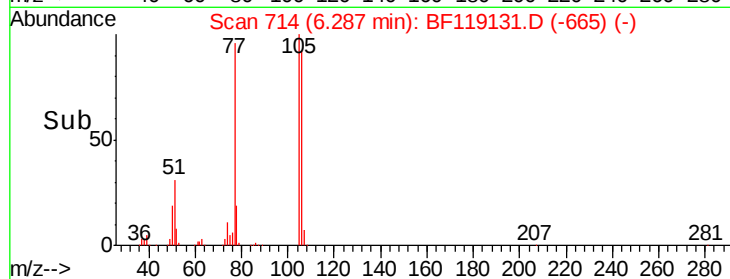
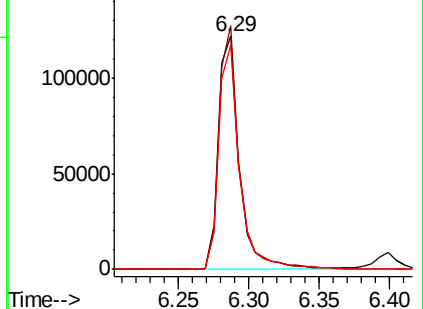
106 96.3 75.9 115.9



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: 39.970 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

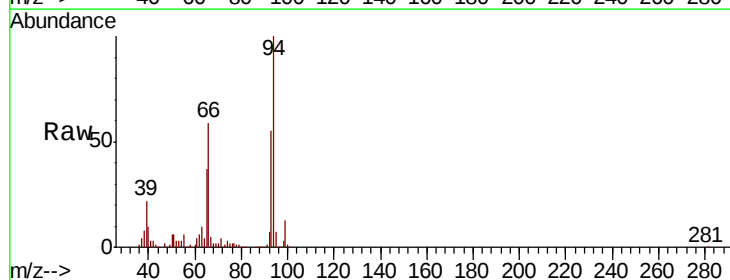
Tgt Ion: 94 Resp: 439798

Ion Ratio Lower Upper

94 100

65 36.6 19.2 59.2

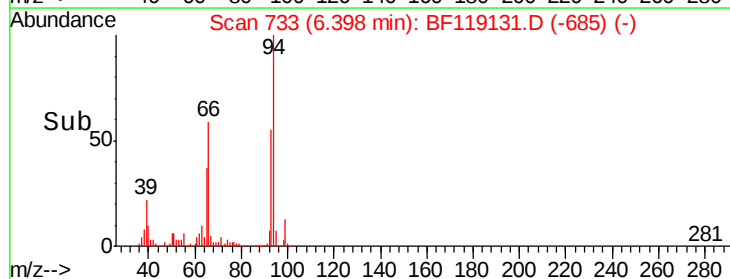
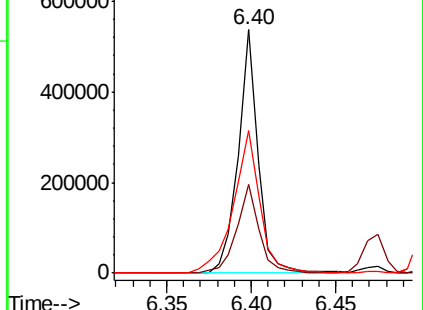
66 58.5 44.4 84.4

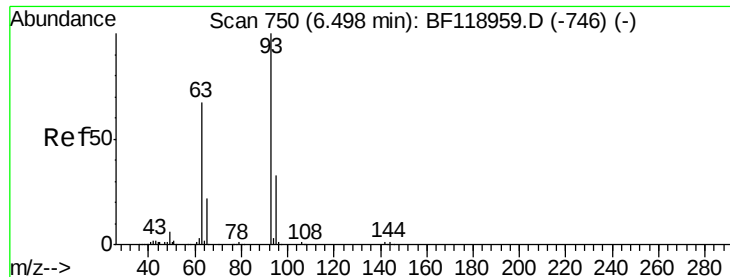


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

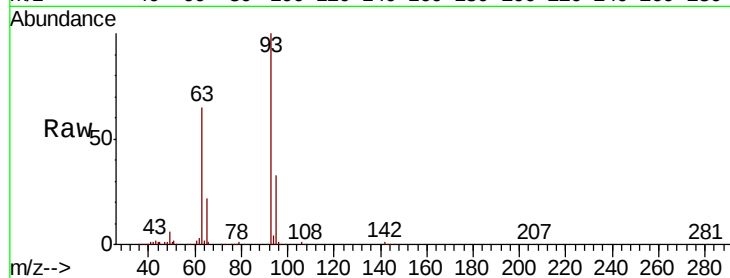




#11
bis(2-Chloroethyl)ether
Concen: 40.593 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
93	100		
63	64.8	45.4	85.4
95	33.1	13.5	53.5

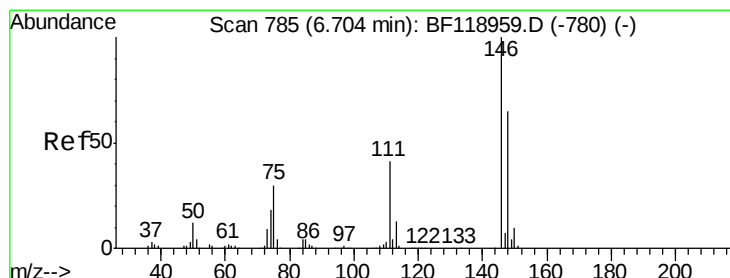
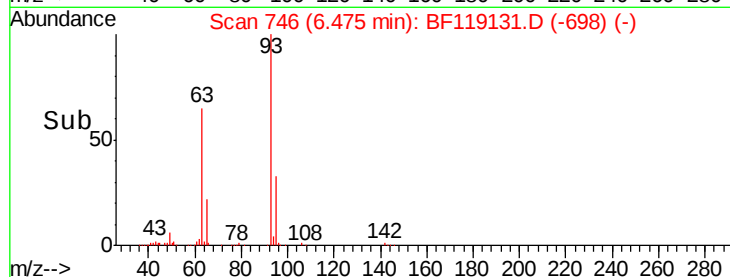
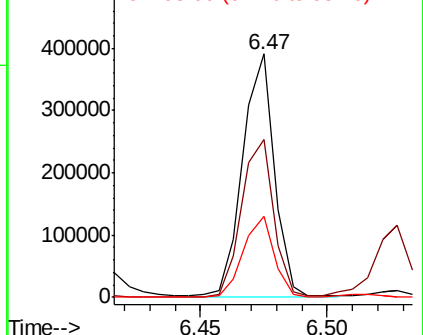


Abundance

Ion 93.00 (92.70 to 93.70): BF1

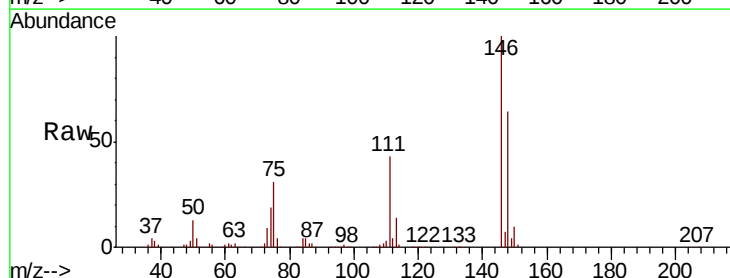
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 37.967 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.5	78.7
75	31.5	23.6	35.4

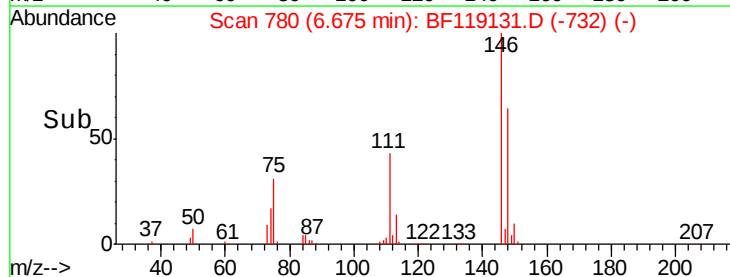
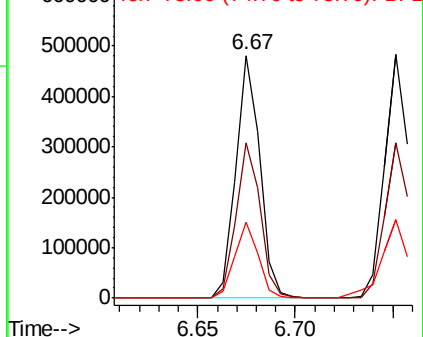


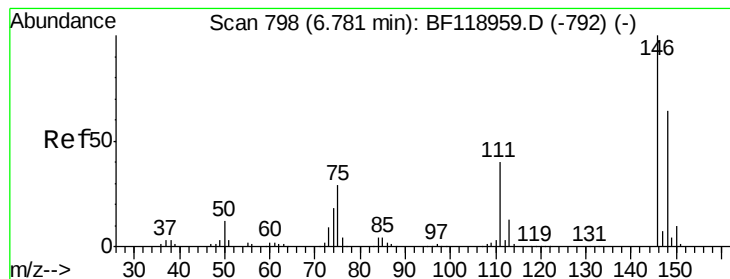
Abundance

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

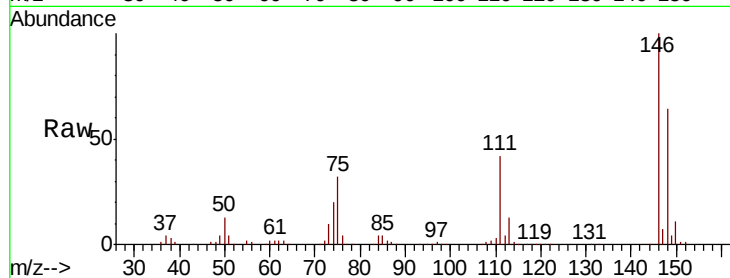




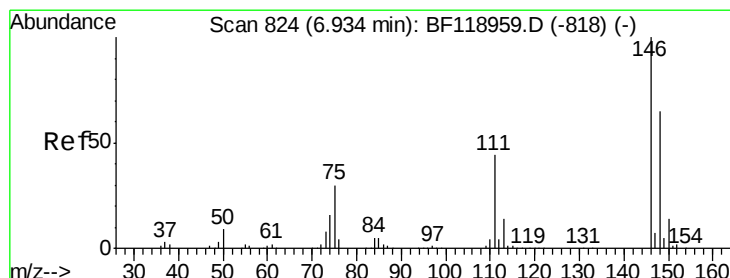
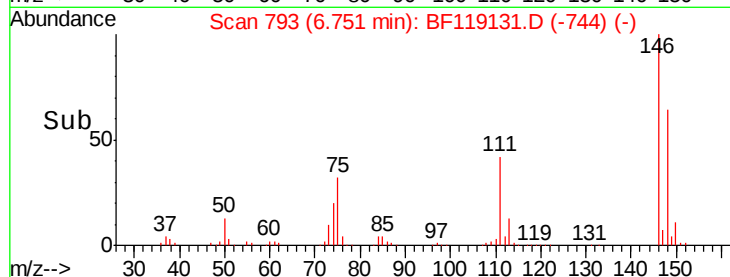
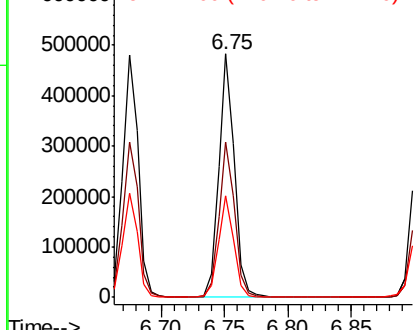
#13
 1,4-Dichlorobenzene
 Concen: 38.724 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 419431
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.1 76.7
 111 41.8 34.8 52.2

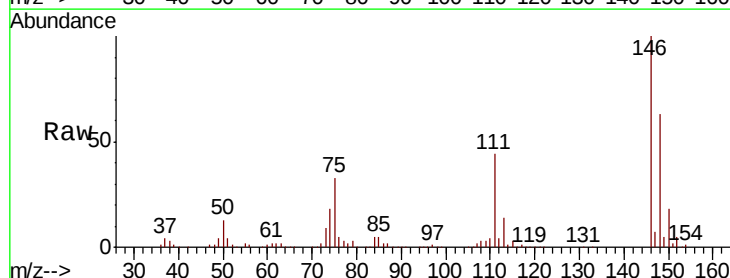


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

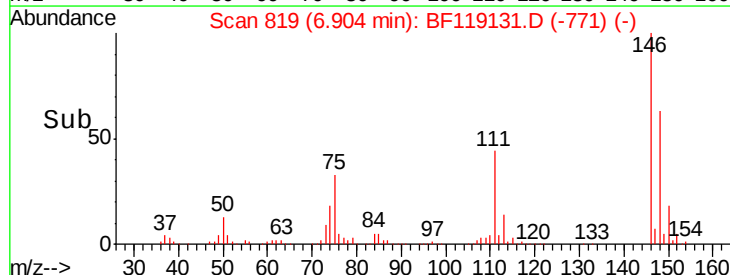
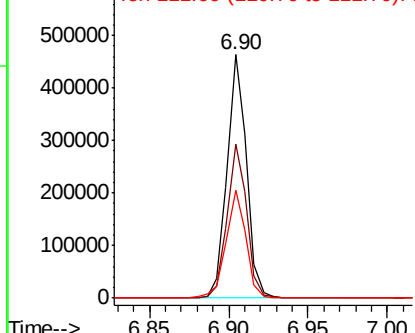


#14
 1,2-Dichlorobenzene
 Concen: 39.575 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Tgt Ion:146 Resp: 390925
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.9 77.9
 111 44.3 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: 42.691 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampled :

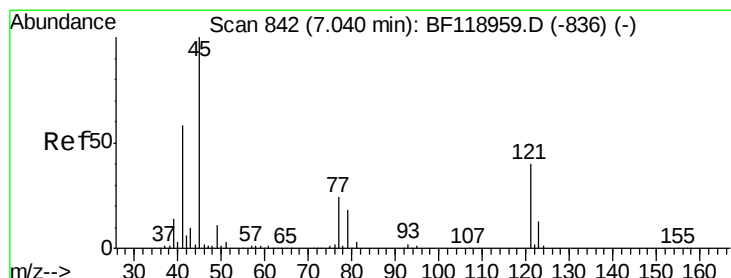
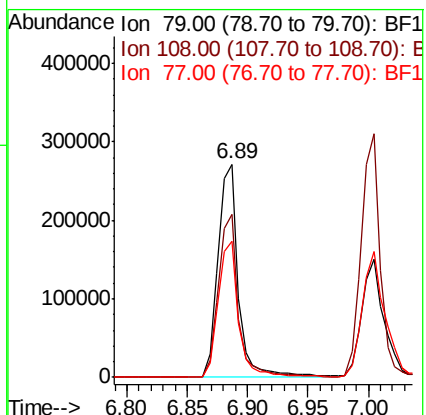
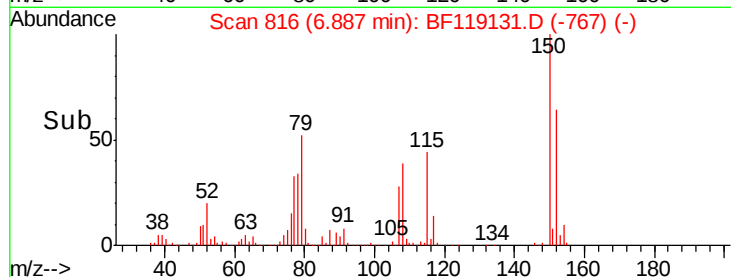
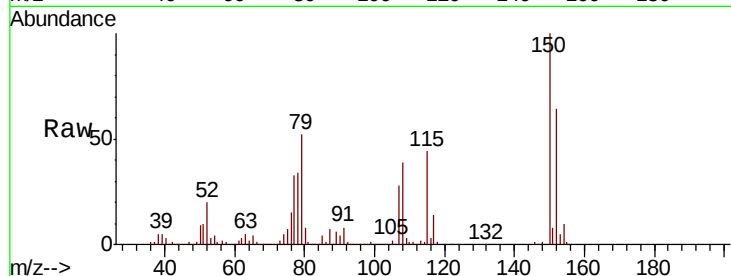
Tot Ion: 79 Resp: 314004

Ion Ratio Lower Upper

79 100

108 76.3 58.2 87.2

77 64.0 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.217 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

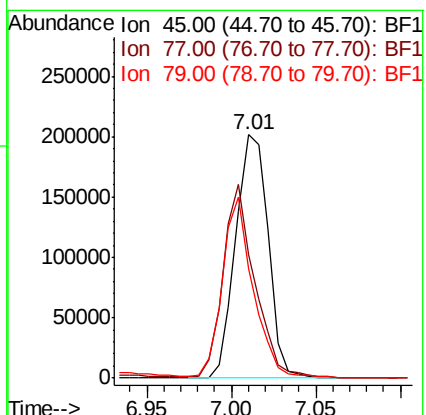
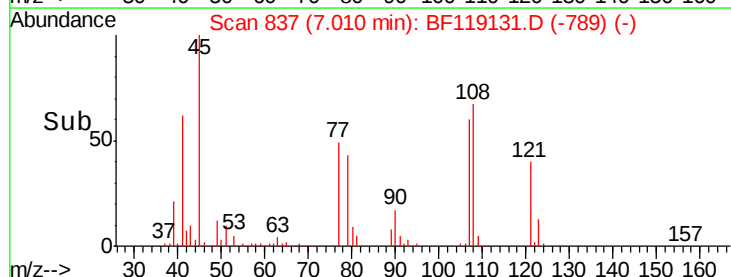
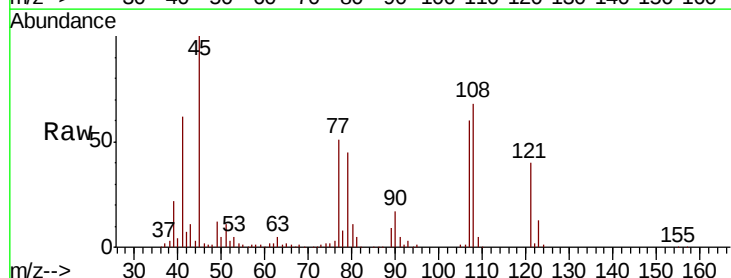
Tgt Ion: 45 Resp: 271421

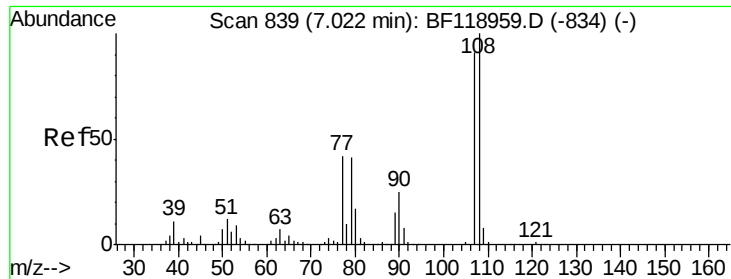
Ion Ratio Lower Upper

45 100

77 50.5 15.0 55.0

79 44.6 9.4 49.4

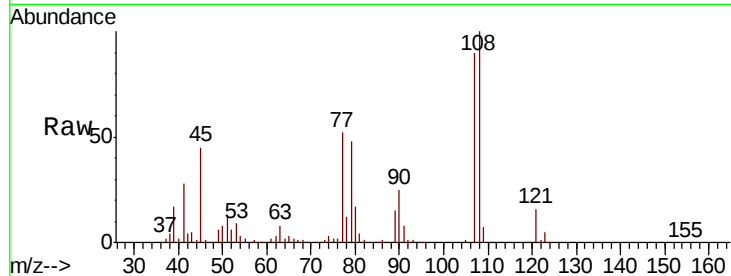




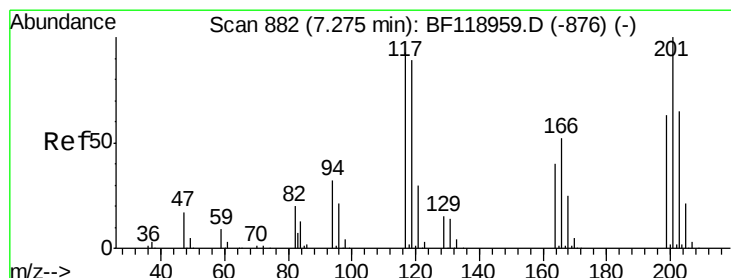
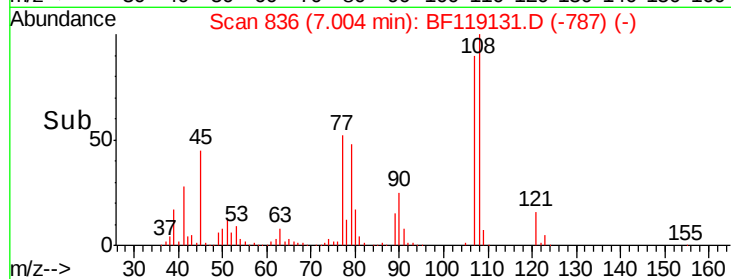
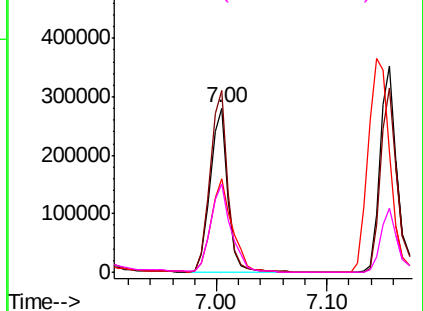
#17
2-Methylphenol
Concen: 41.229 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 301865
Ion Ratio Lower Upper
107 100
108 110.6 87.9 131.9
77 57.3 45.3 67.9
79 53.5 43.0 64.4

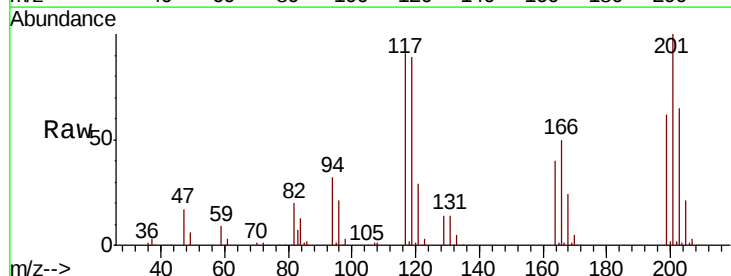


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

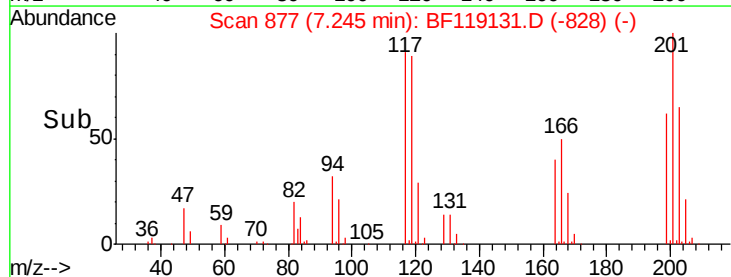
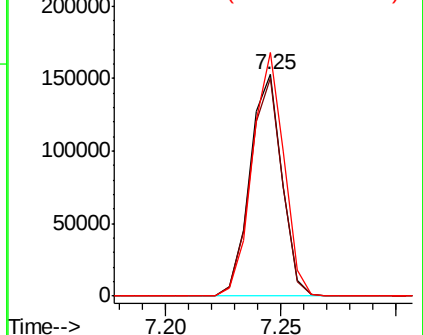


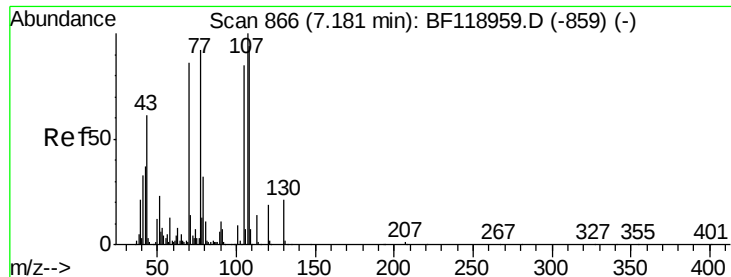
#18
Hexachloroethane
Concen: 38.284 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:117 Resp: 148352
Ion Ratio Lower Upper
117 100
119 98.3 77.5 116.3
201 110.0 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

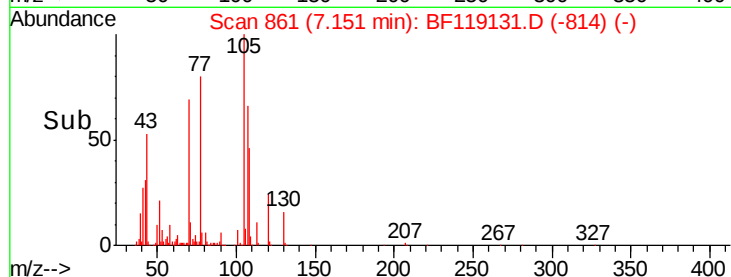
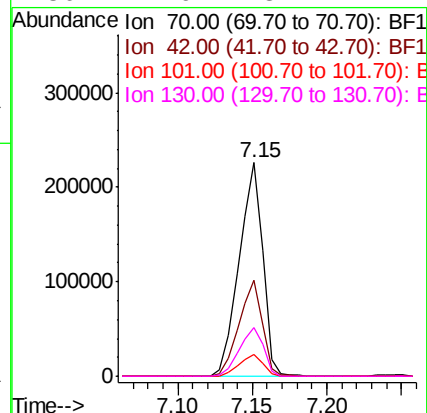
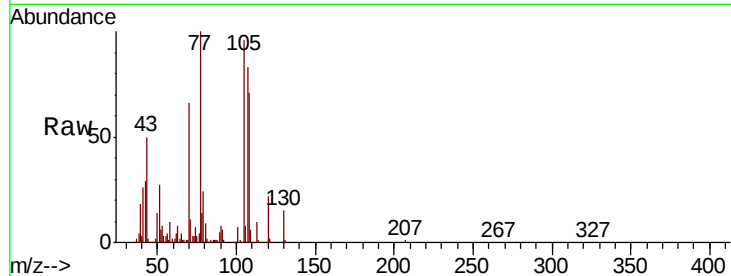




#19
n-Nitroso-di-n-propylamine
Concen: 42.331 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

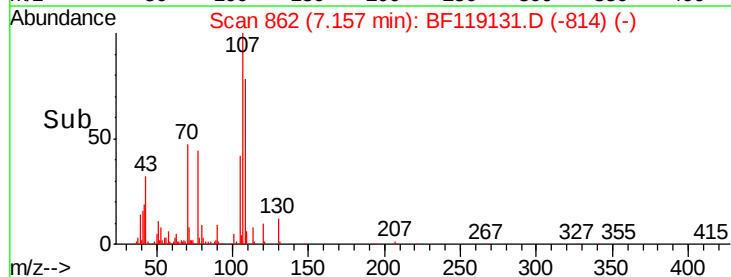
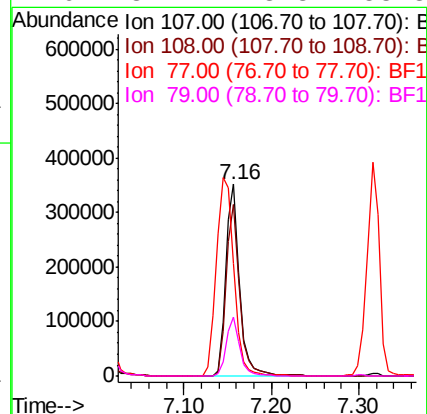
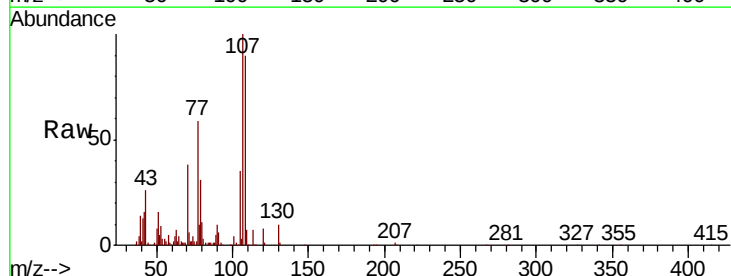
Instrument :
BNA_F
ClientSampleId :

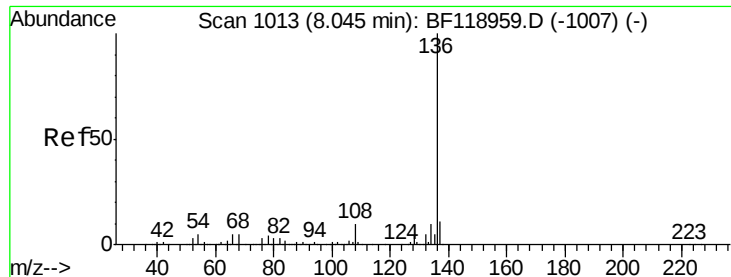
Tot Ion:	70	Resp:	251029
Ion	Ratio	Lower	Upper
70	100		
42	44.7	38.0	57.0
101	10.0	8.2	12.4
130	22.9	18.2	27.4



#20
3+4-Methylphenols
Concen: 42.697 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:	107	Resp:	382996
Ion	Ratio	Lower	Upper
107	100		
108	89.6	71.5	111.5
77	58.8	45.9	85.9
79	31.1	13.8	53.8

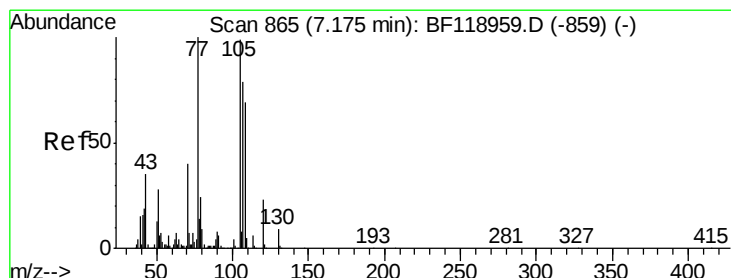
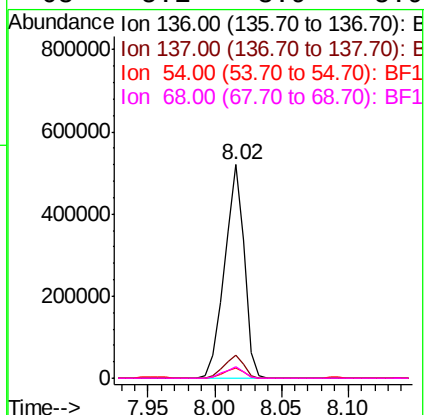
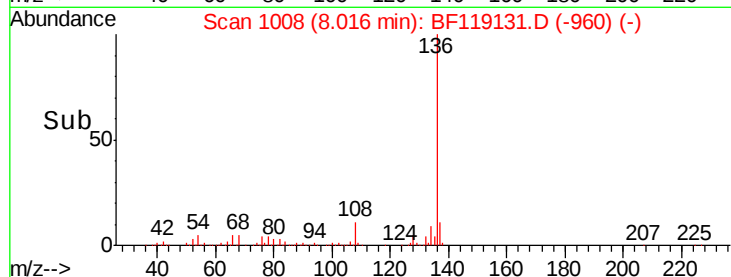
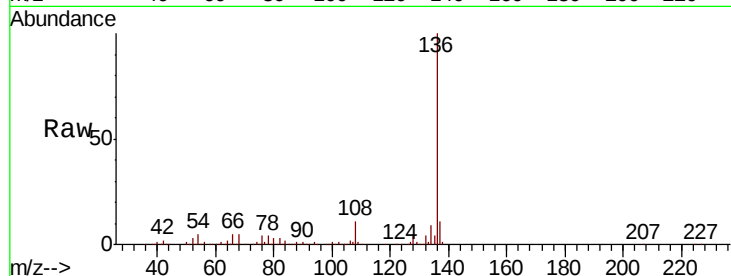




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

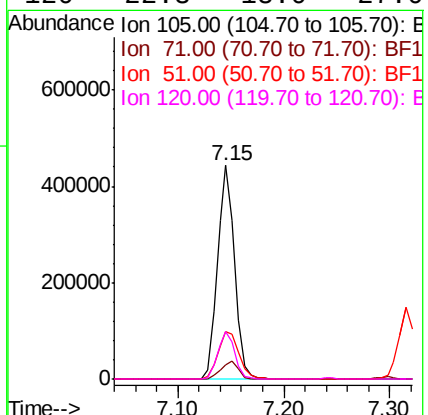
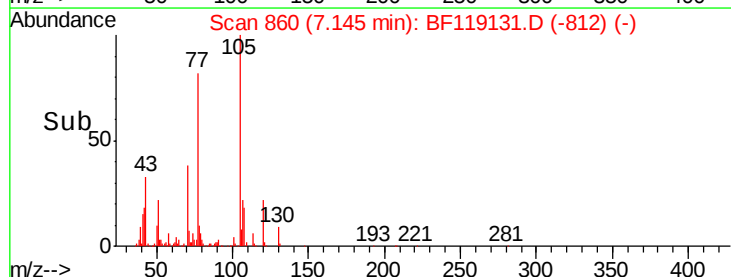
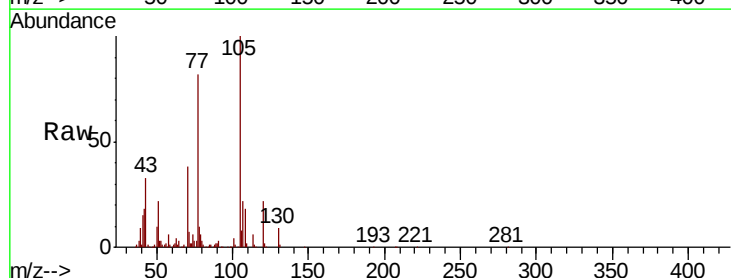
Instrument :
BNA_F
ClientSampleId :

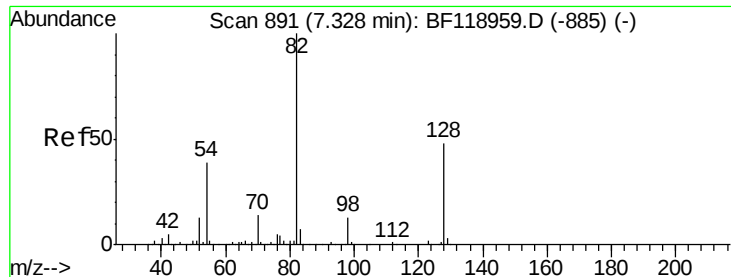
Tot Ion:136	Resp: 540411
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 4.9	3.8 5.6
68 5.1	3.9 5.9



#22
Acetophenone
Concen: 40.416 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:105	Resp: 505349
Ion Ratio	Lower Upper
105 100	
71 6.6	3.0 4.4#
51 21.9	20.1 30.1
120 22.3	18.0 27.0

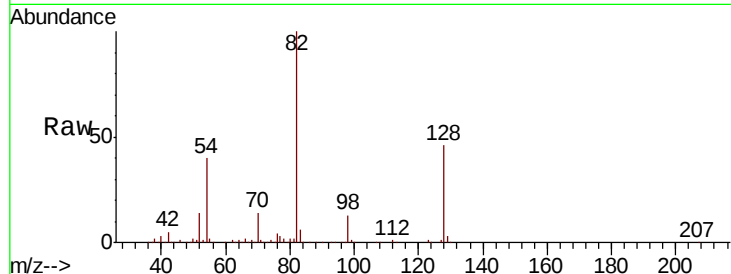




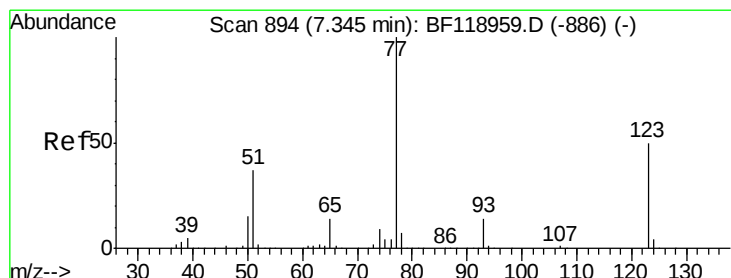
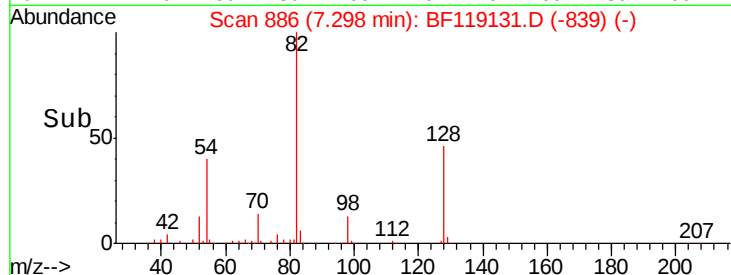
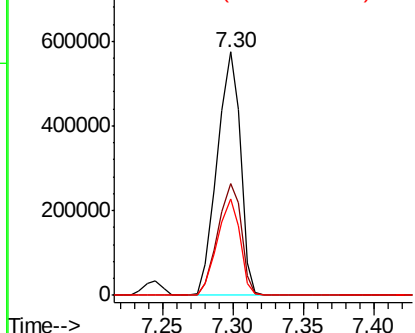
#23
 Nitrobenzene-d5
 Concen: 64.583 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	661013
Ion Ratio	Lower	Upper	
82	100		
128	46.2	37.9	56.9
54	39.7	33.4	50.2

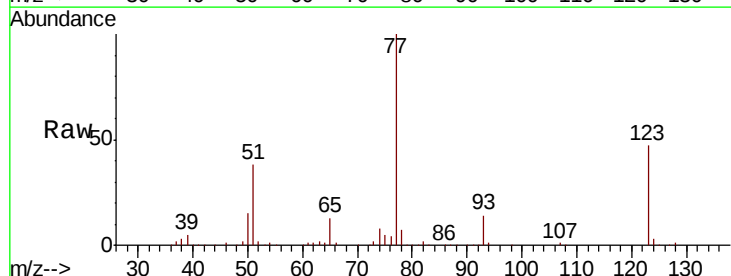


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

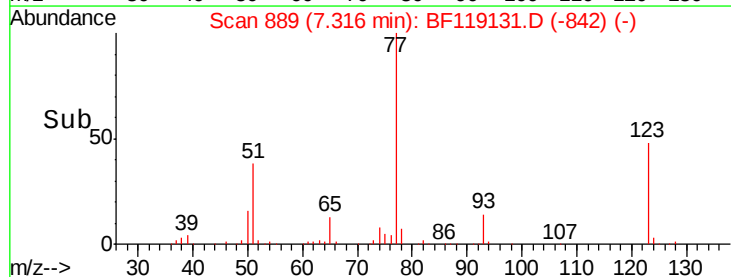
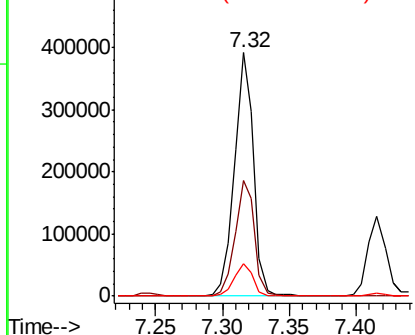


#24
 Nitrobenzene
 Concen: 38.713 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Tgt Ion	77	Resp	391831
Ion Ratio	Lower	Upper	
77	100		
123	47.3	40.2	60.2
65	13.1	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

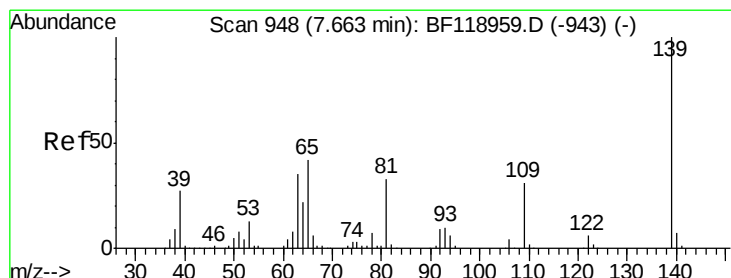
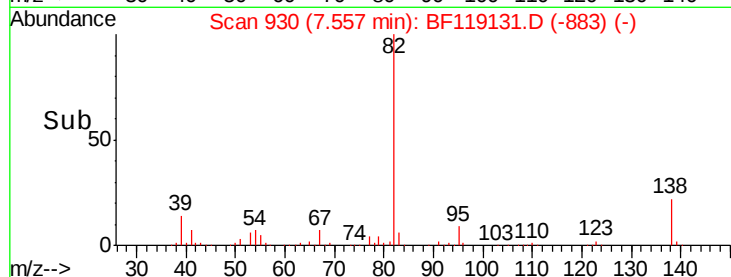
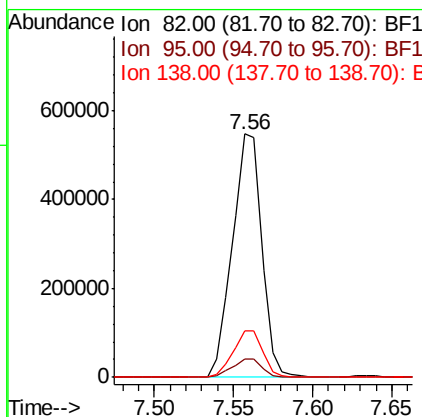
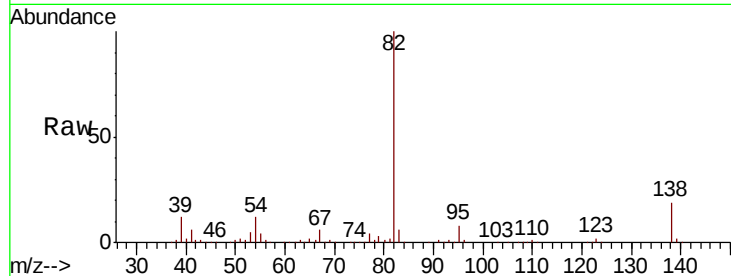




#25
Isophorone
Concen: 39.611 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

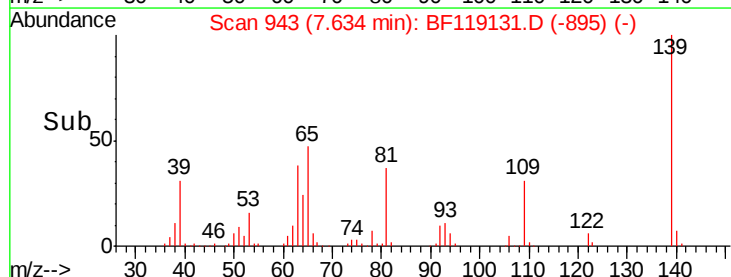
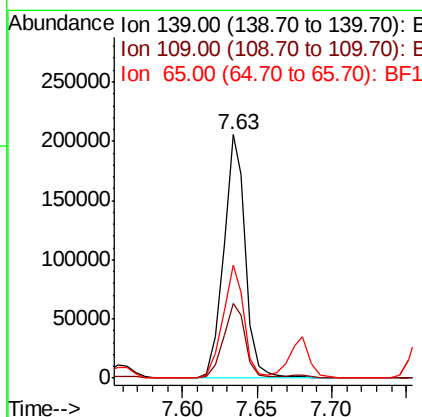
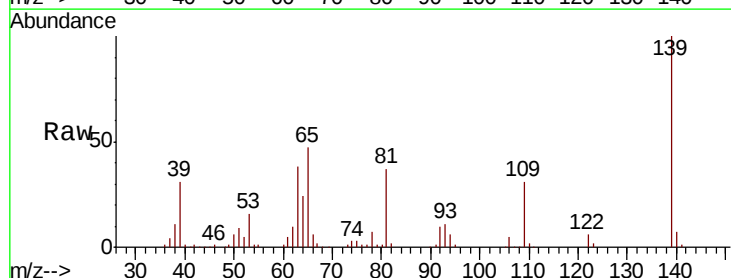
Instrument :
BNA_F
ClientSampleId :

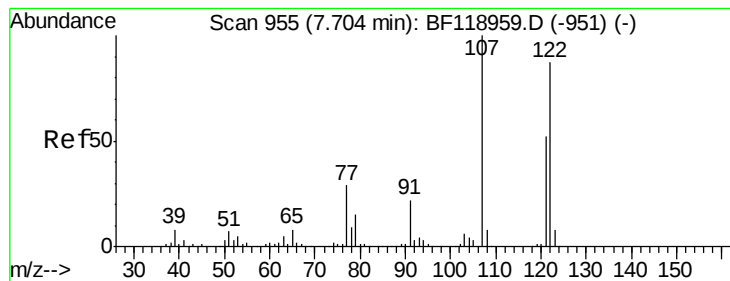
Tot Ion: 82 Resp: 704087
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.9 15.7 23.5



#26
2-Nitrophenol
Concen: 39.311 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion: 139 Resp: 210816
Ion Ratio Lower Upper
139 100
109 30.7 25.7 38.5
65 46.7 37.1 55.7

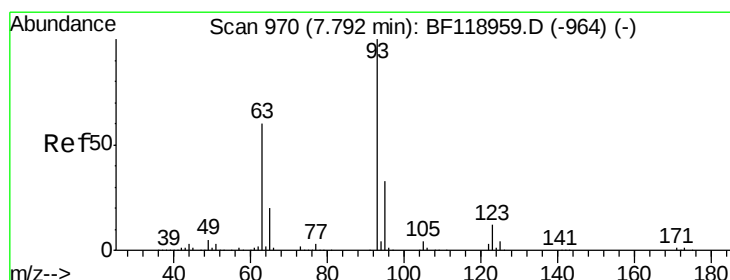
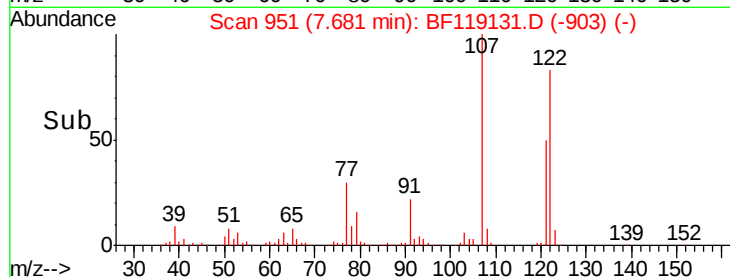
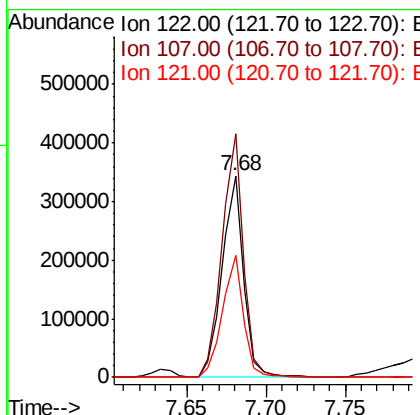
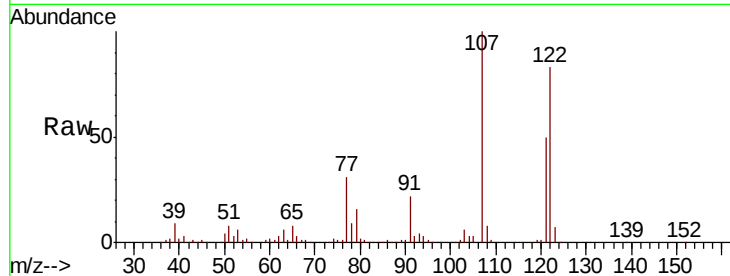




#27
 2,4-Dimethylphenol
 Concen: 44.212 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

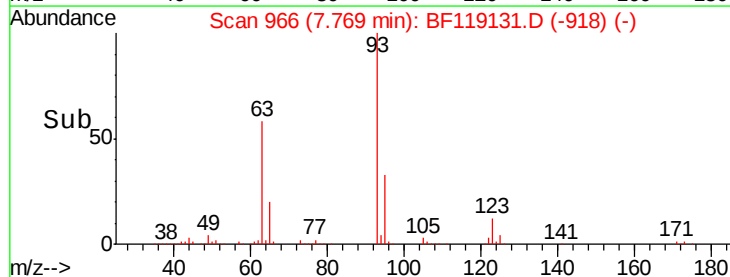
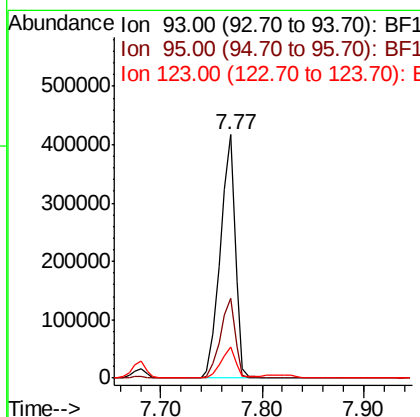
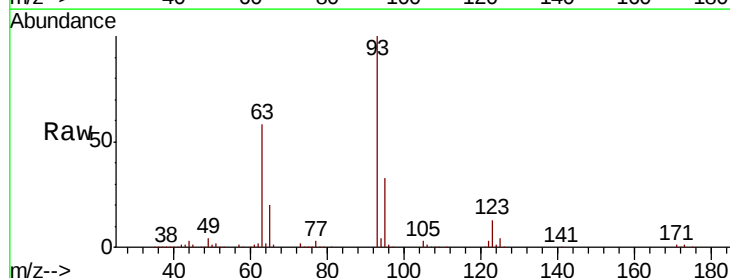
Instrument :
 BNA_F
 ClientSampleId :

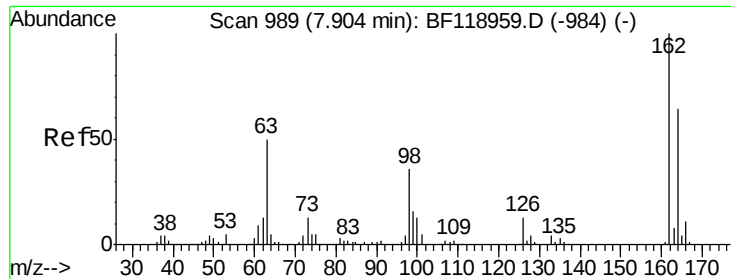
Tot Ion:122 Resp: 321788
 Ion Ratio Lower Upper
 122 100
 107 120.8 93.8 140.6
 121 60.4 48.2 72.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.045 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Tgt Ion: 93 Resp: 428608
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 12.5 10.2 15.2

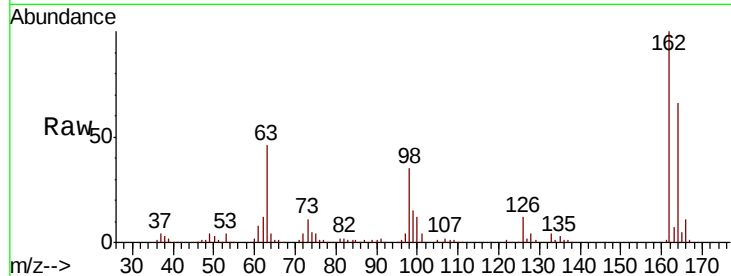




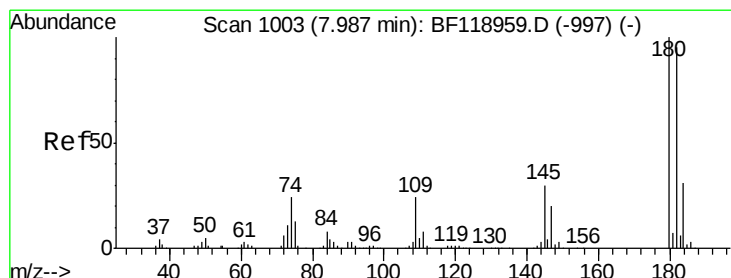
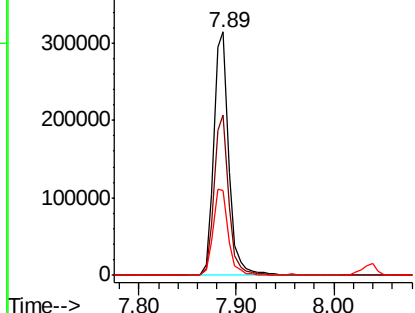
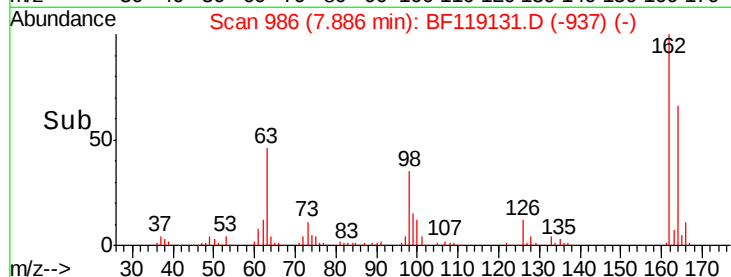
#29
2,4-Dichlorophenol
Concen: 38.900 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 333306
Ion Ratio Lower Upper
162 100
164 66.1 45.2 85.2
98 34.7 17.4 57.4

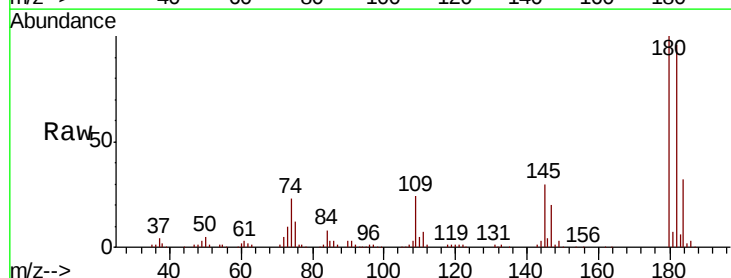


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

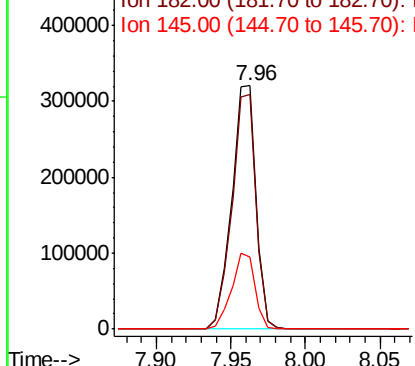
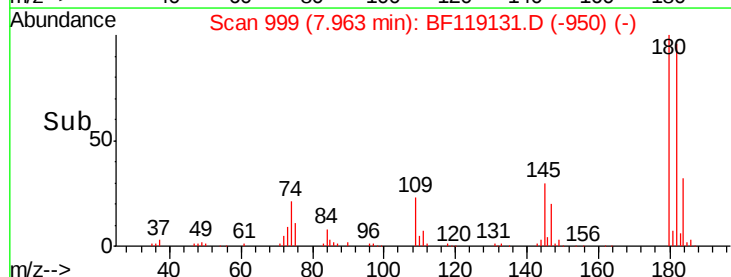


#30
1,2,4-Trichlorobenzene
Concen: 36.141 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:180 Resp: 367157
Ion Ratio Lower Upper
180 100
182 96.3 77.8 116.6
145 29.8 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: 38.659 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

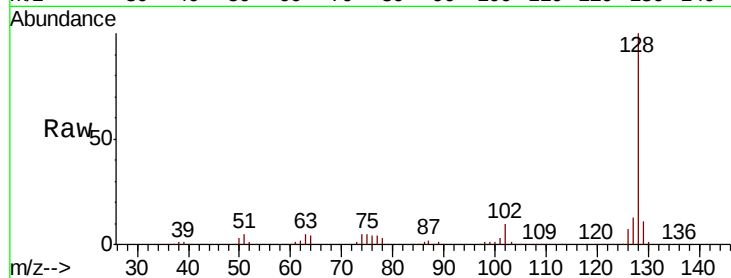
Tot Ion:128 Resp: 1083481

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.2

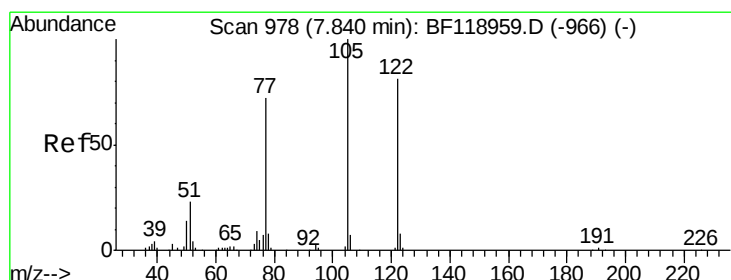
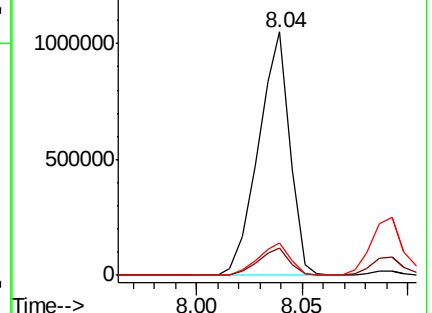
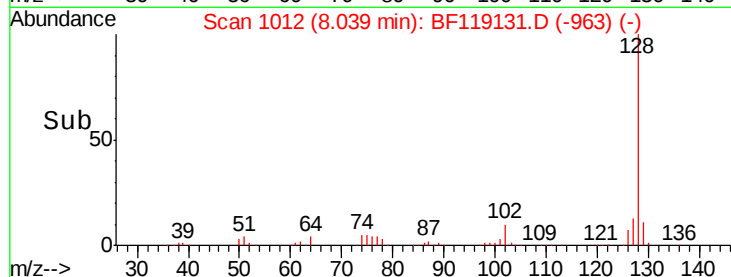
127 13.4 11.4 17.2



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: 36.085 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.04 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

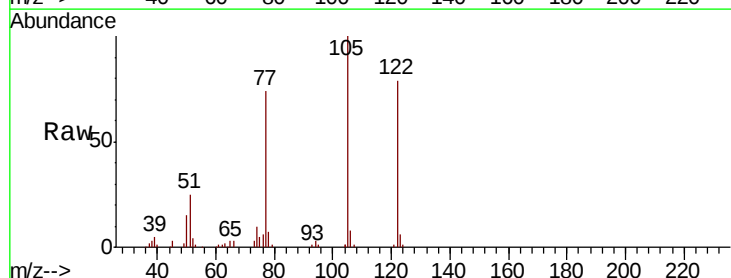
Tgt Ion:122 Resp: 181408

Ion Ratio Lower Upper

122 100

105 126.1 106.3 146.3

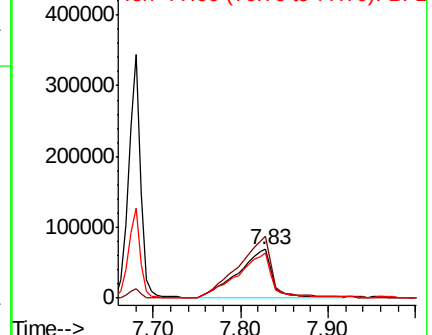
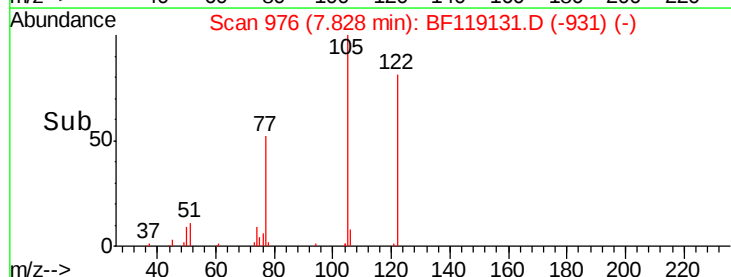
77 93.0 73.1 113.1

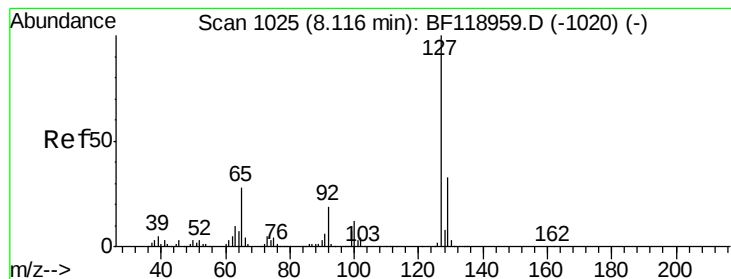


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

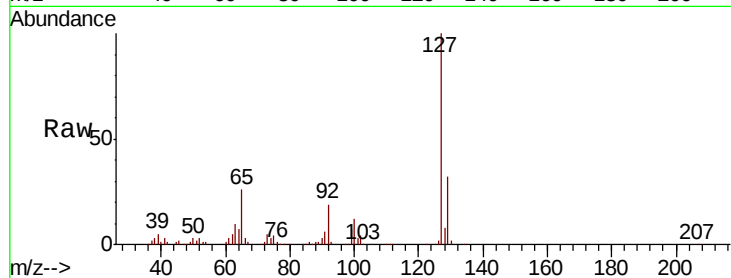




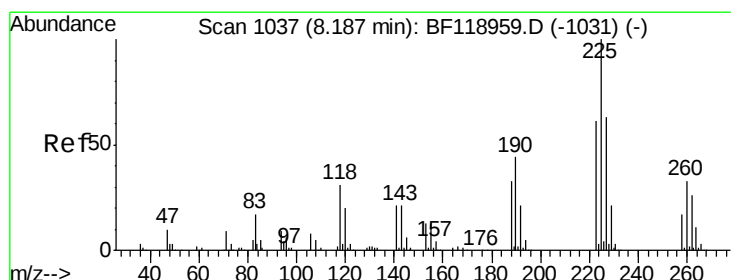
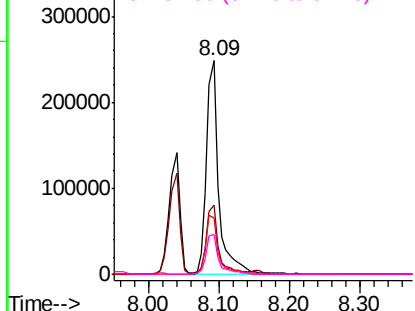
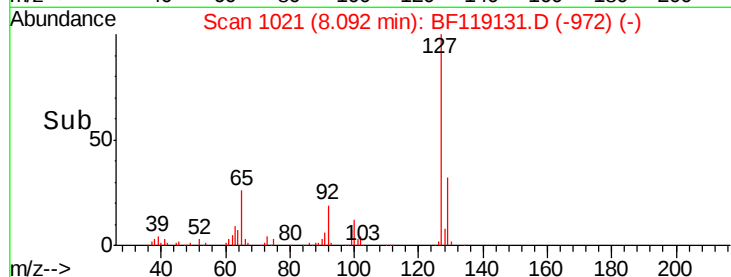
#33
4-Chloroaniline
Concen: 25.051 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	301981
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	26.4	23.9	35.9
92	18.8	16.3	24.5

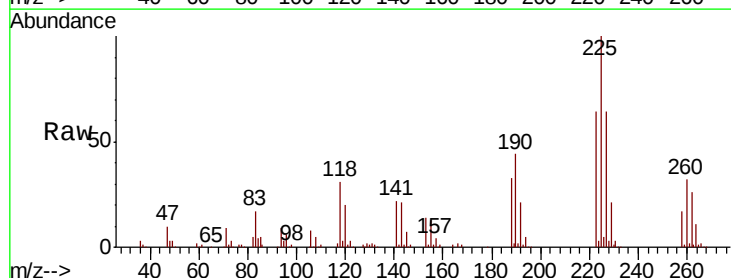


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

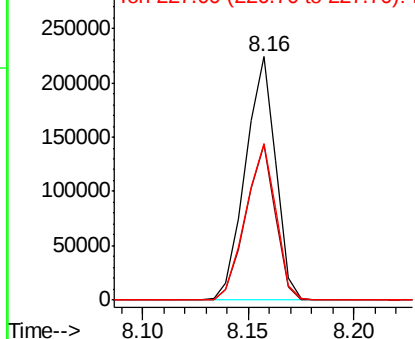
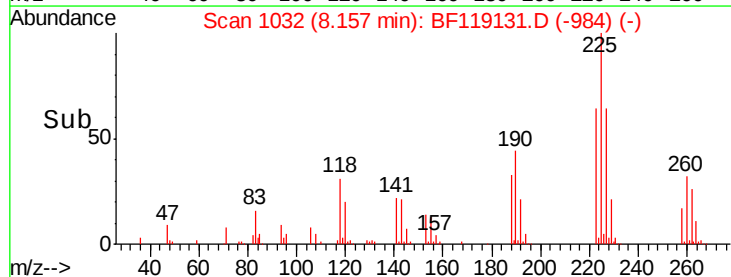


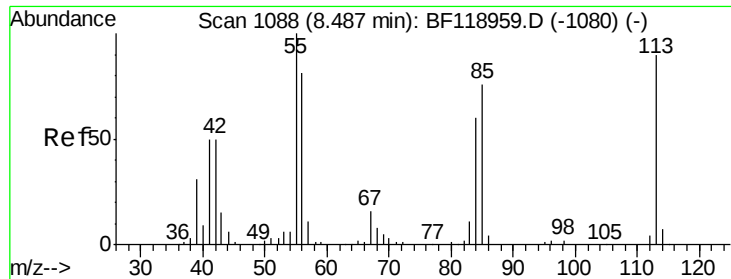
#34
Hexachlorobutadiene
Concen: 35.240 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:	225	Resp:	223000
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.4	74.2
227	64.4	52.9	79.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

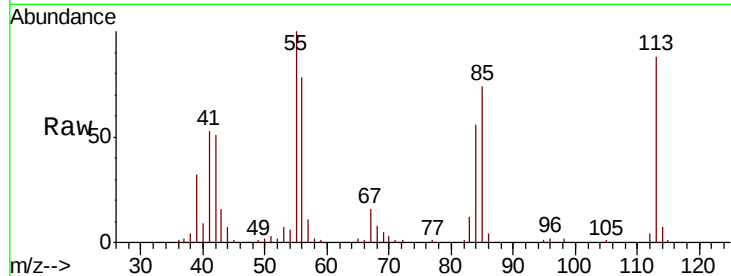




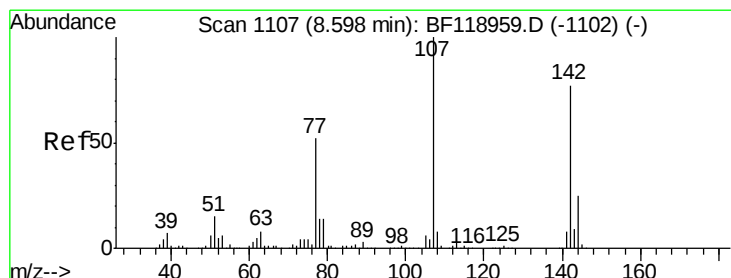
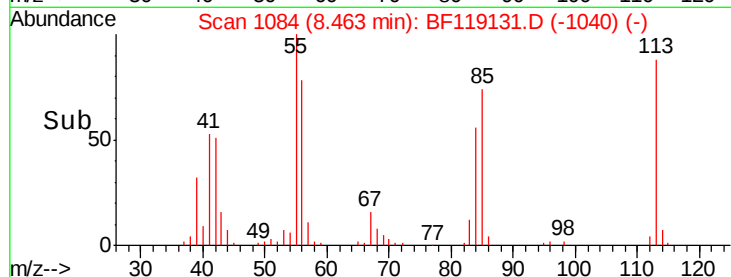
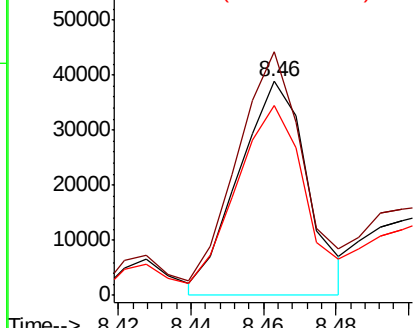
#35
Caprolactam
Concen: 19.477 ng
RT: 8.46 min Scan# 1084
Delta R.T. -0.04 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 51386
Ion Ratio Lower Upper
113 100
55 113.7 95.7 135.7
56 88.9 73.1 113.1

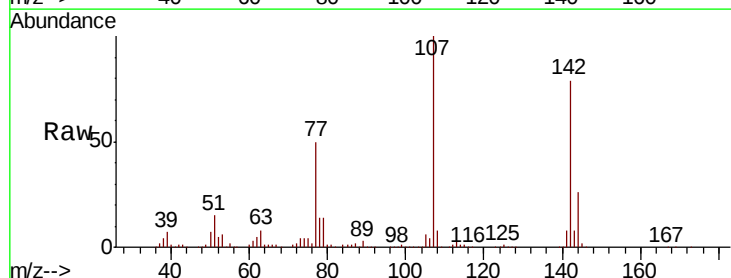


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

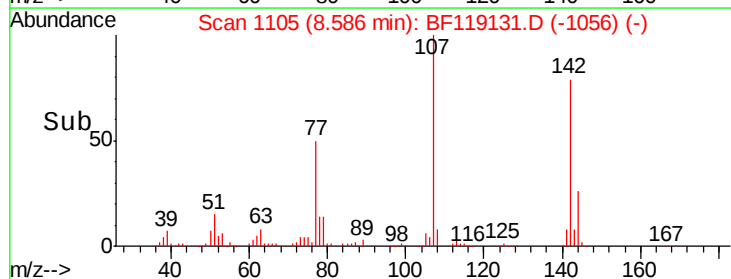
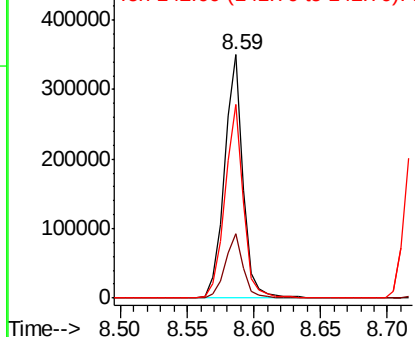


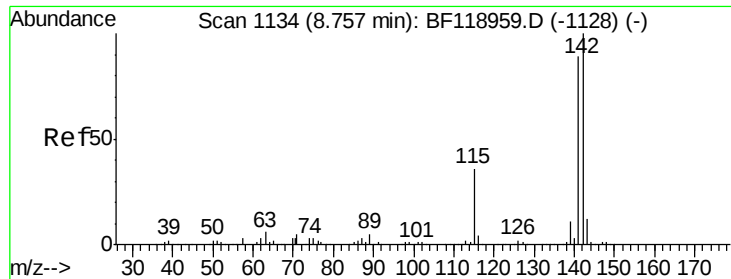
#36
4-Chloro-3-methylphenol
Concen: 39.805 ng
RT: 8.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:107 Resp: 345171
Ion Ratio Lower Upper
107 100
144 26.3 20.1 30.1
142 79.5 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

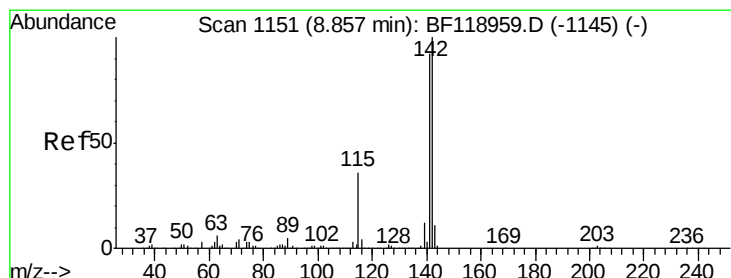
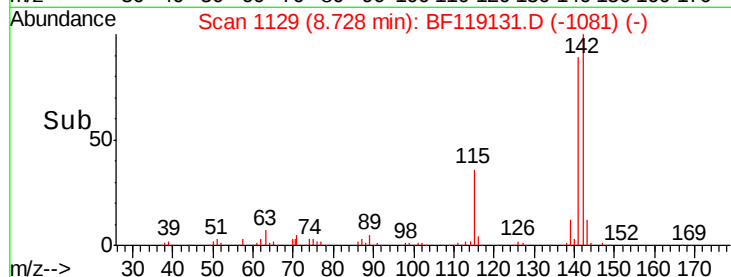
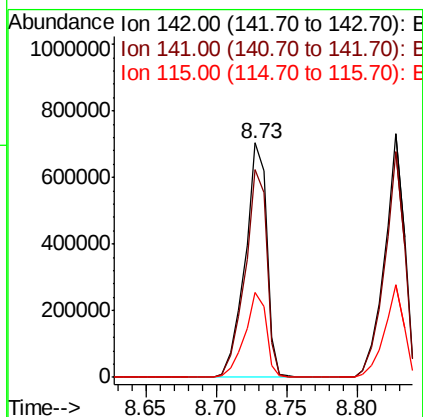
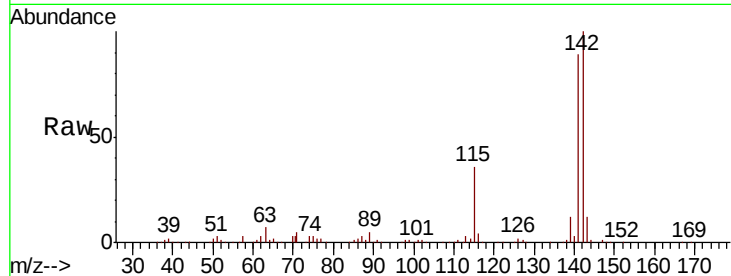




#37
2-Methylnaphthalene
Concen: 40.149 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

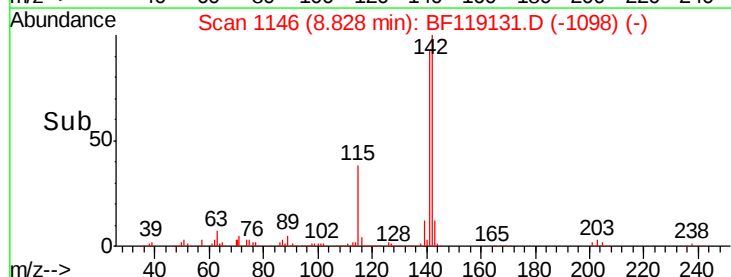
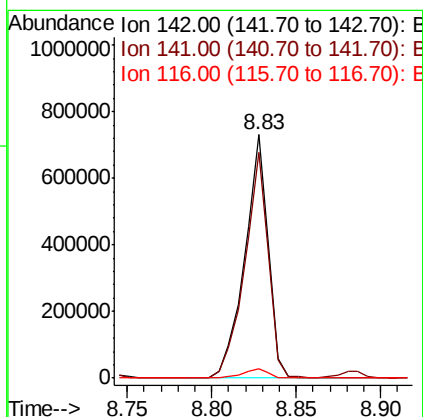
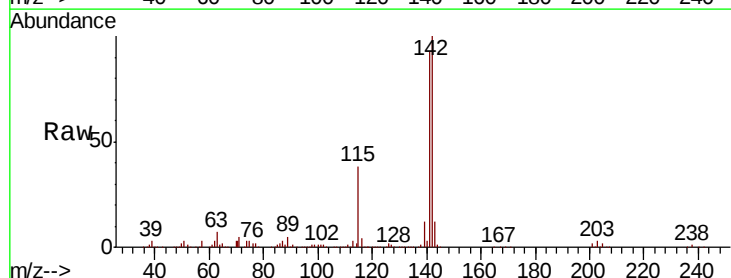
Instrument :
BNA_F
ClientSampled :

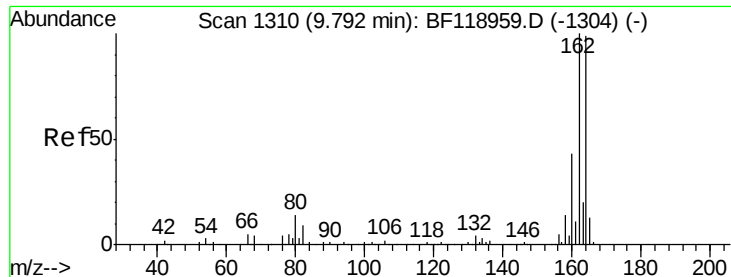
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.3	108.5
115	36.5	30.6	45.8



#38
1-Methylnaphthalene
Concen: 39.919 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	75.8	113.6
116	4.1	3.1	4.7

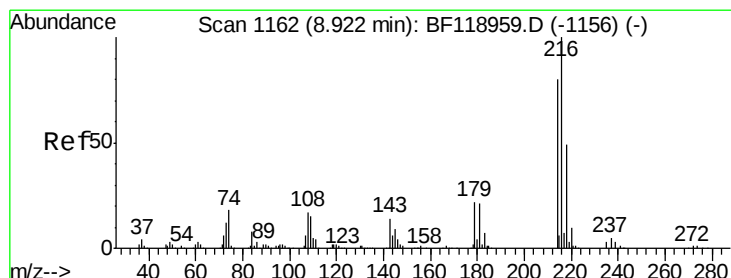
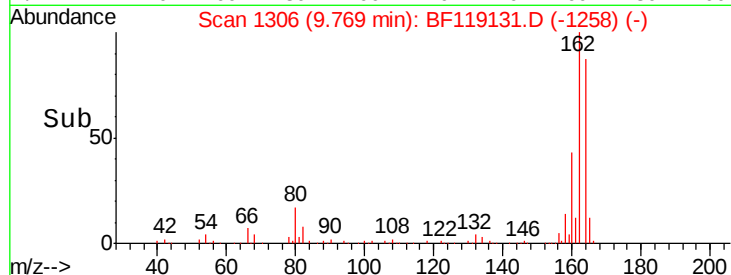
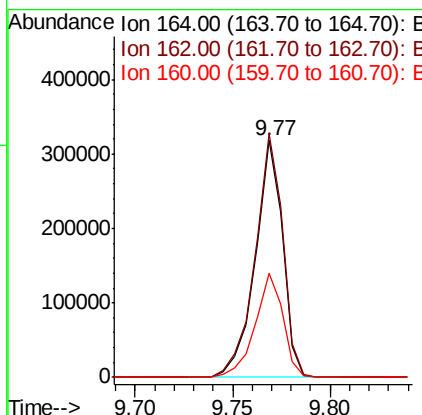
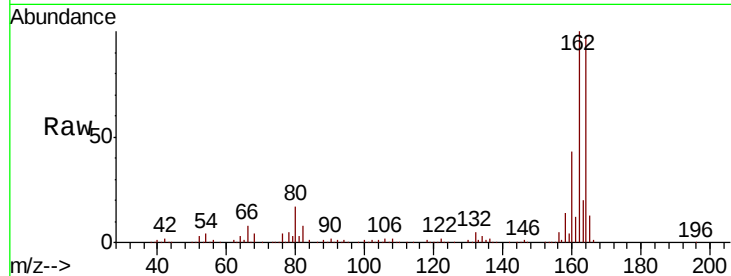




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

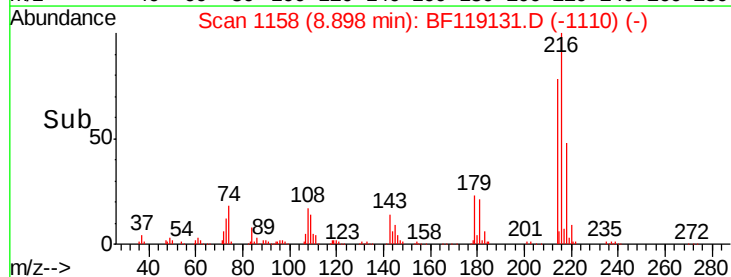
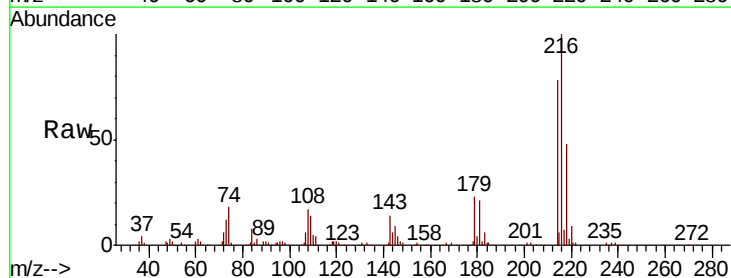
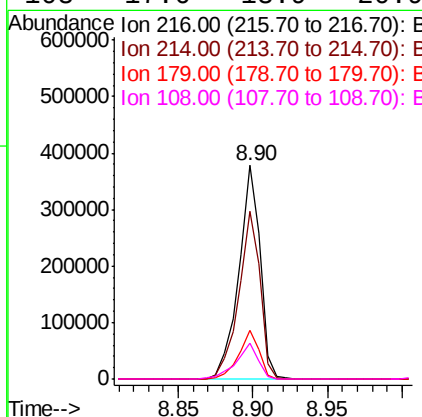
Instrument :
BNA_F
ClientSampleId :

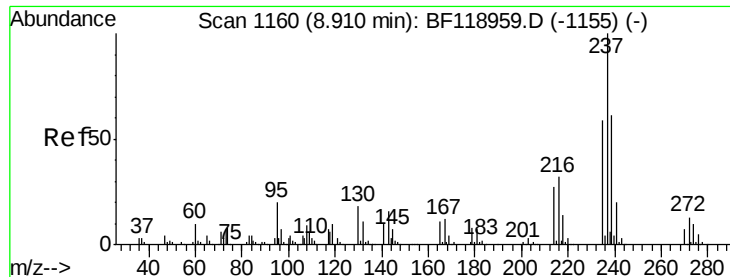
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.8	122.8
160	43.9	36.0	54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.047 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.3	94.9
179	21.9	17.7	26.5
108	17.6	13.9	20.9

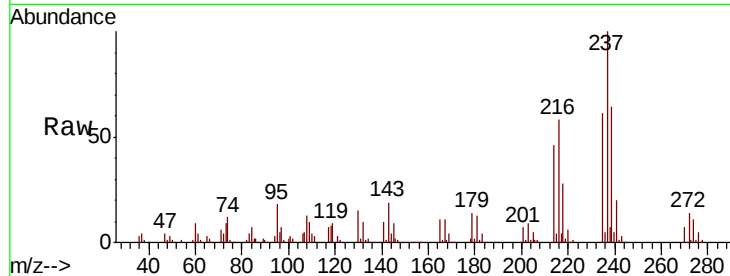




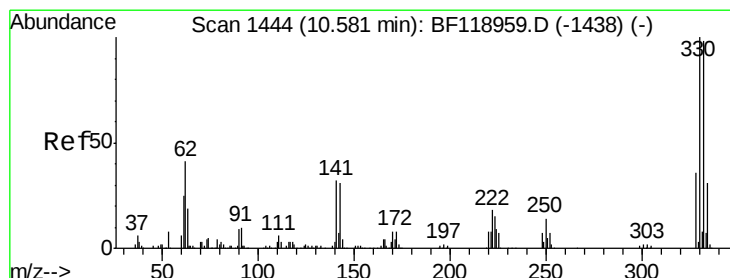
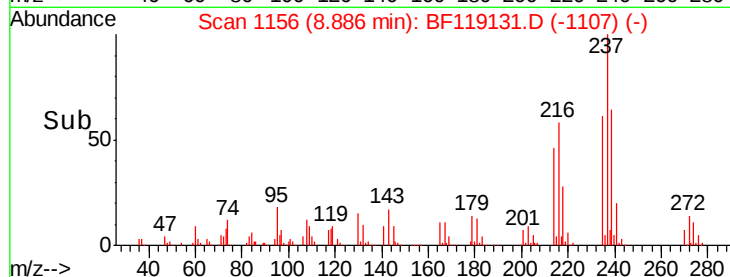
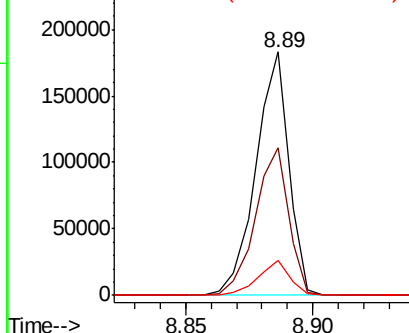
#41
Hexachlorocyclopentadiene
Concen: 48.129 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 166374
Ion Ratio Lower Upper
237 100
235 60.7 42.3 82.3
272 14.2 0.0 33.5

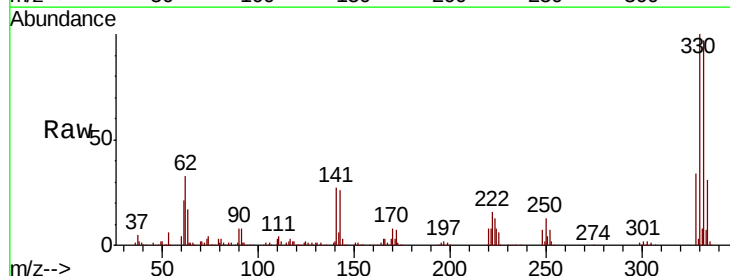


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

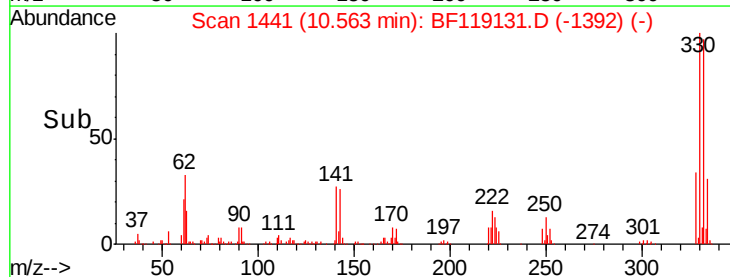
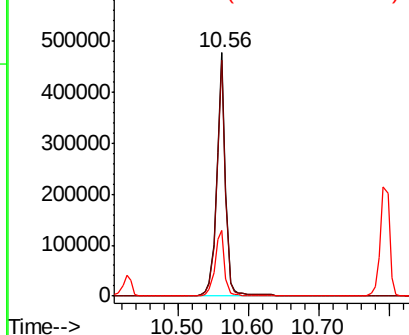


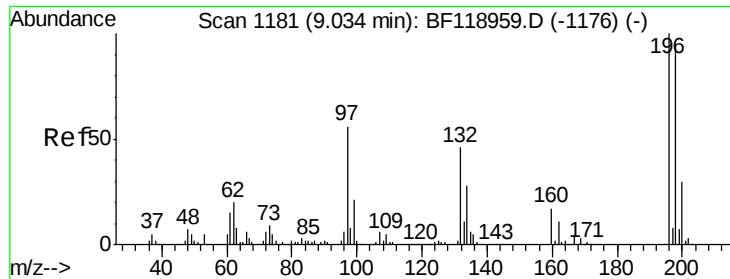
#42
2,4,6-Tribromophenol
Concen: 104.377 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:330 Resp: 421759
Ion Ratio Lower Upper
330 100
332 95.8 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

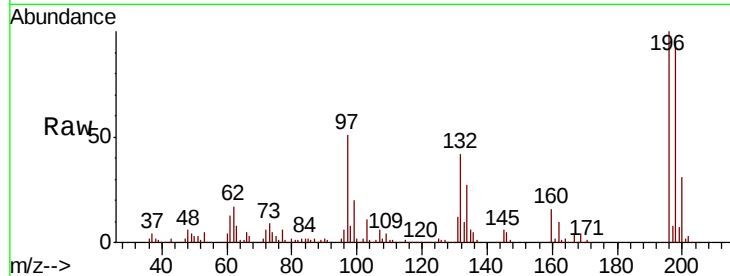




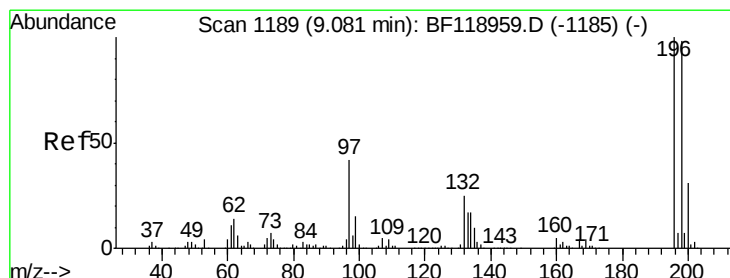
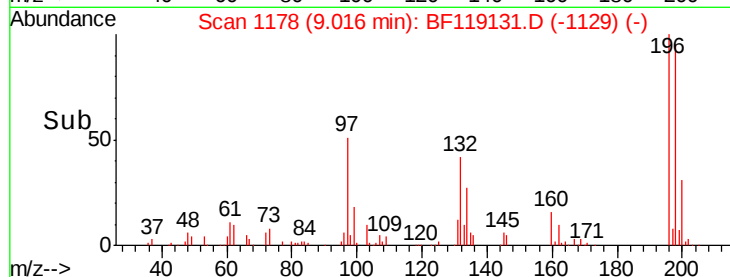
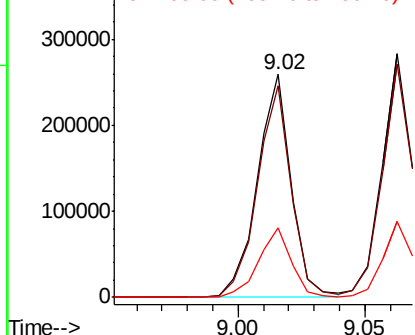
#43
 2,4,6-Trichlorophenol
 Concen: 36.662 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 241112
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.1 115.7
 200 31.4 25.0 37.6



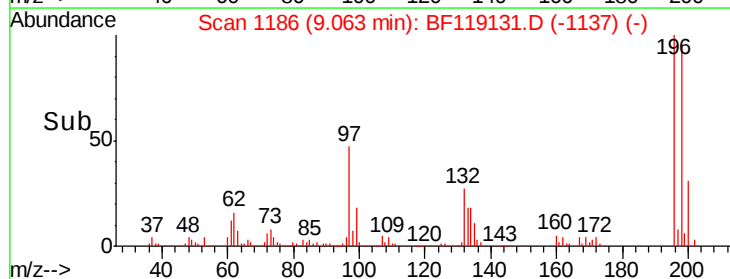
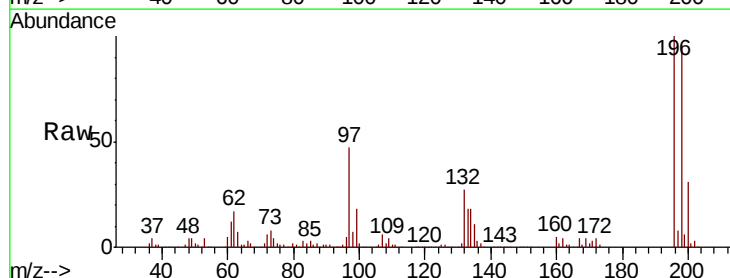
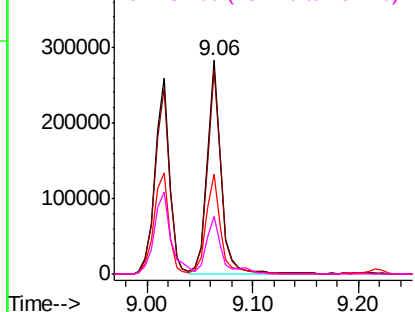
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

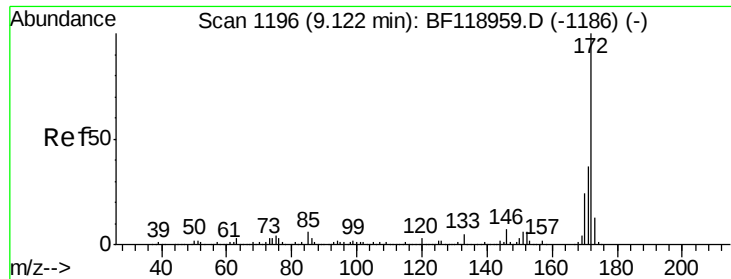


#44
 2,4,5-Trichlorophenol
 Concen: 37.212 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Tgt Ion:196 Resp: 256805
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.8 115.2
 97 46.8 38.5 57.7
 132 27.2 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

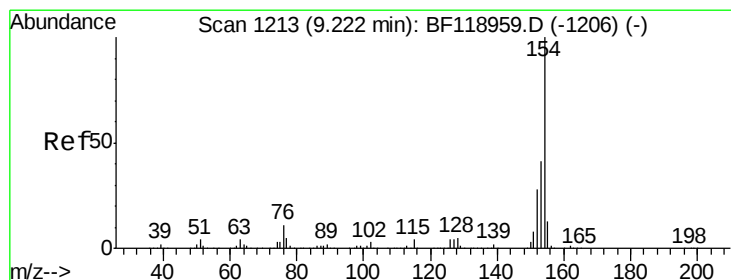
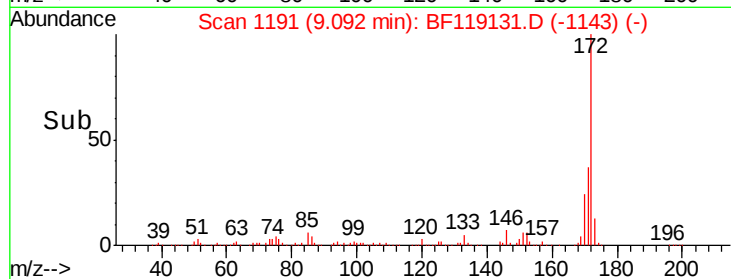
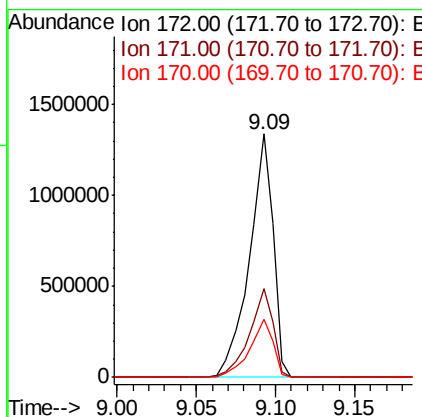
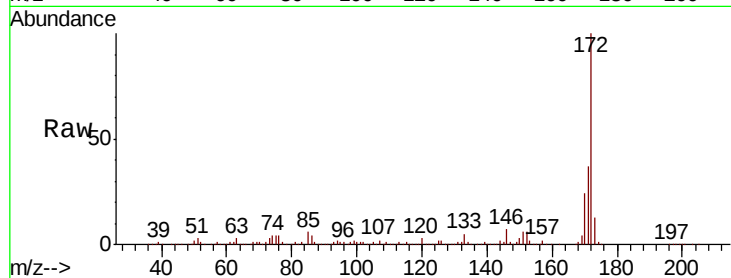




#45
2-Fluorobiphenyl
Concen: 66.348 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

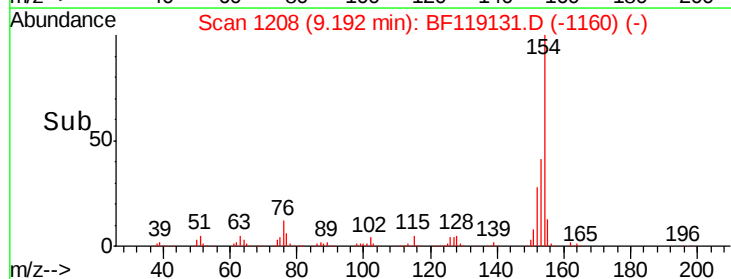
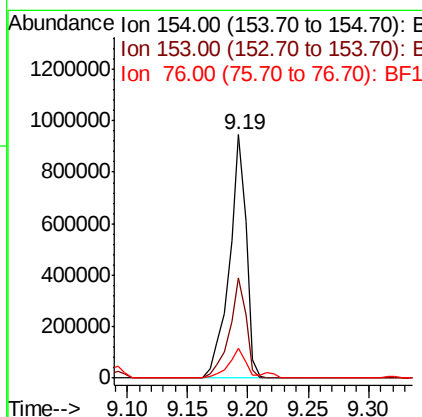
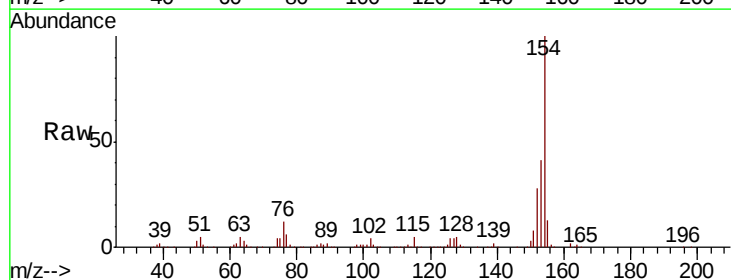
Instrument :
BNA_F
ClientSampleId :

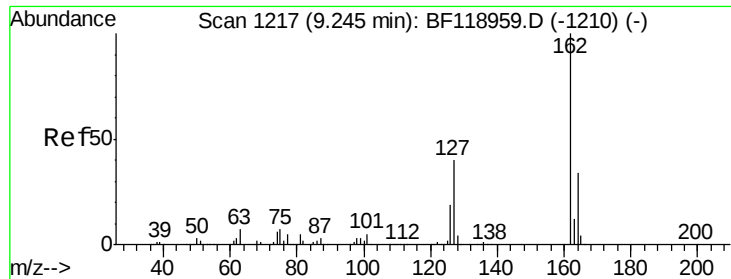
Tot Ion:172 Resp: 1391135
Ion Ratio Lower Upper
172 100
171 36.6 30.6 45.8
170 23.8 20.2 30.2



#46
1,1'-Biphenyl
Concen: 36.689 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:154 Resp: 915920
Ion Ratio Lower Upper
154 100
153 41.2 22.8 62.8
76 12.5 0.0 32.2

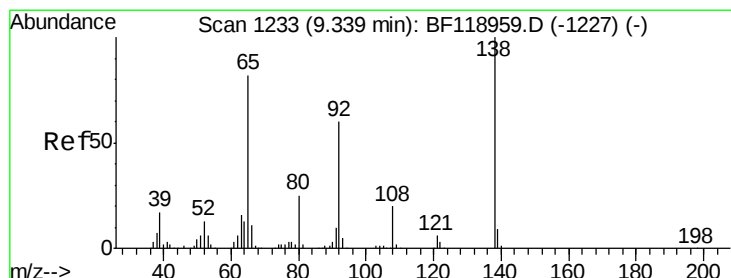
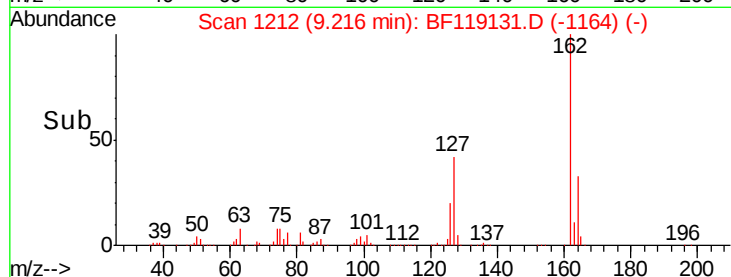
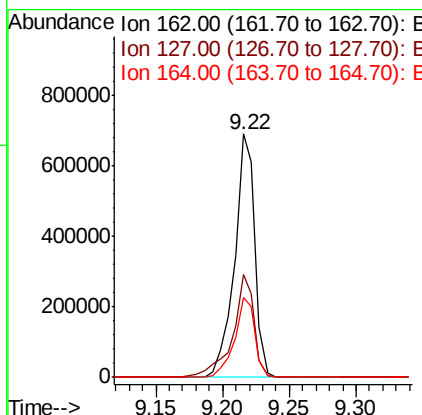
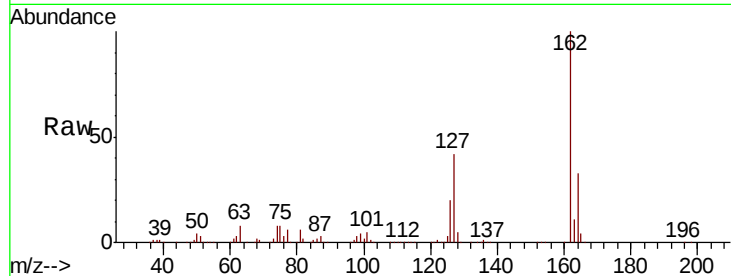




#47
 2-Chloronaphthalene
 Concen: 36.475 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

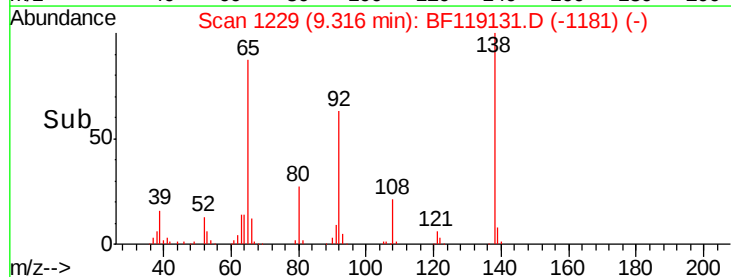
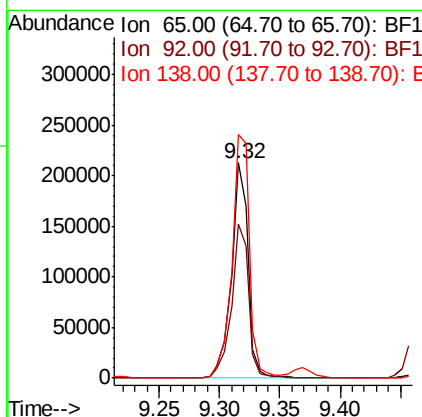
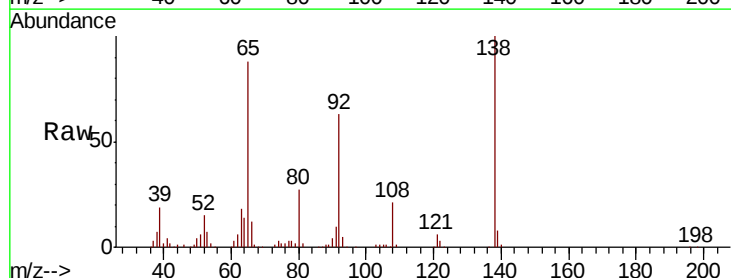
Instrument :
 BNA_F
 ClientSampleId :

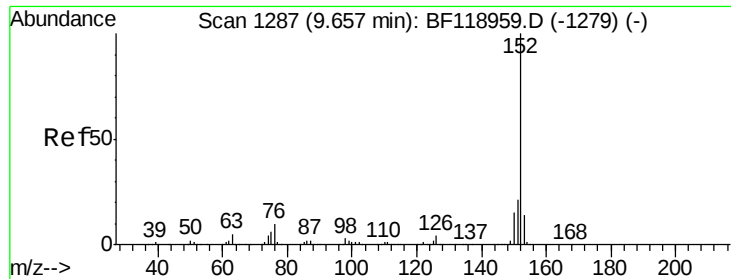
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.4	35.0	52.4
164	32.7	27.2	40.8



#48
 2-Nitroaniline
 Concen: 36.592 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	58.2	87.2
138	113.0	95.6	143.4





#49

Acenaphthylene

Concen: 38.484 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

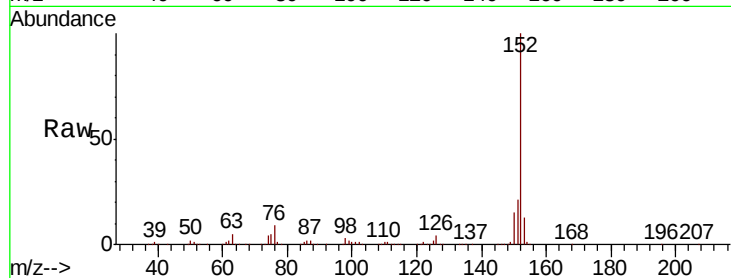
Tot Ion:152 Resp: 1118169

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

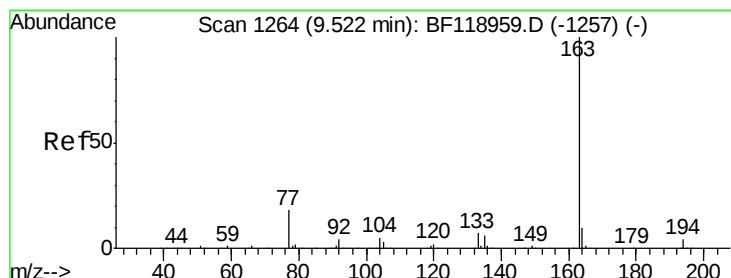
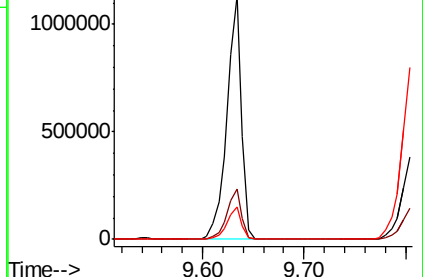
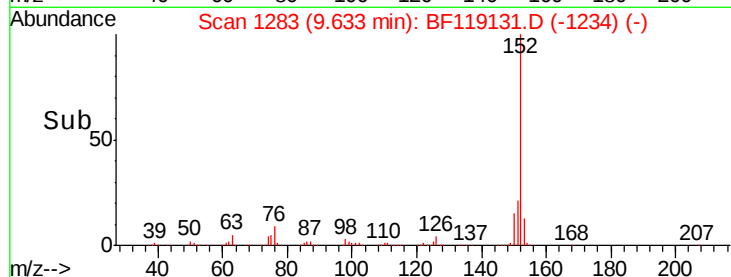
153 13.2 11.0 16.6



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: 37.976 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

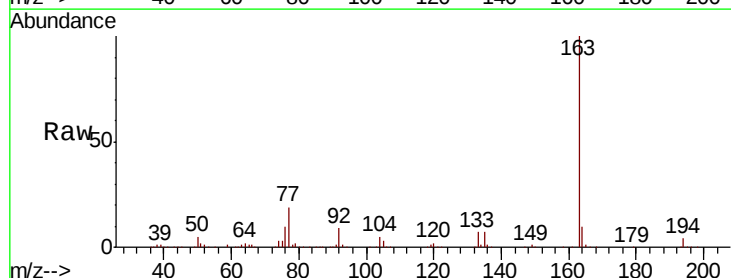
Tgt Ion:163 Resp: 896981

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

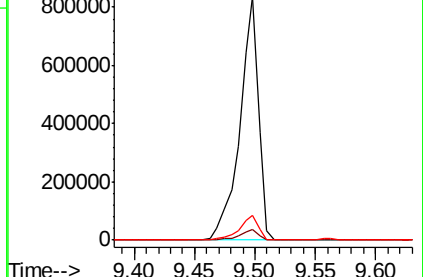
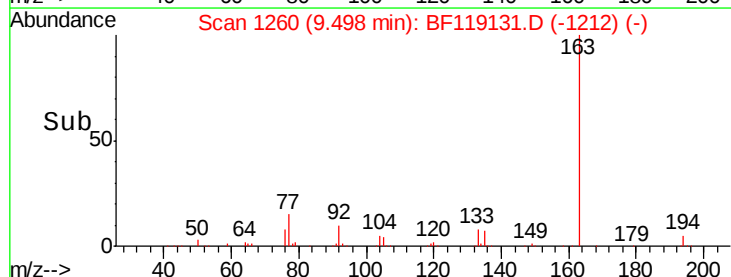
164 10.2 8.4 12.6



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: 38.248 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

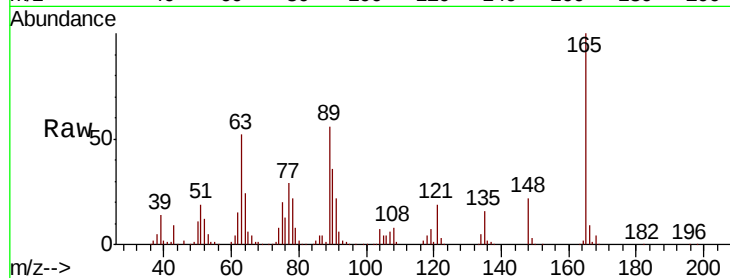
Tot Ion:165 Resp: 200714

Ion Ratio Lower Upper

165 100

63 52.1 34.3 51.5#

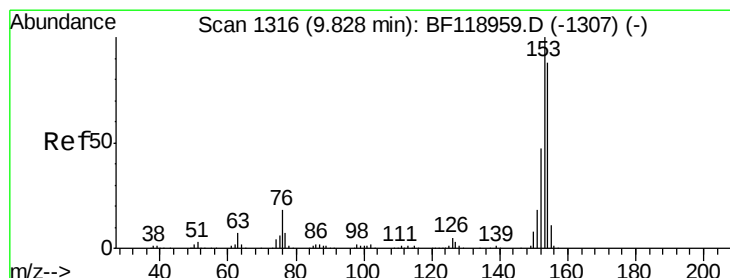
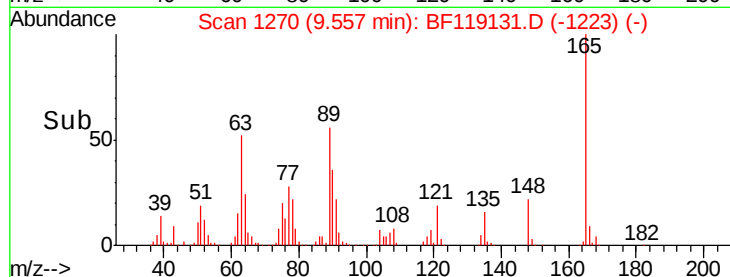
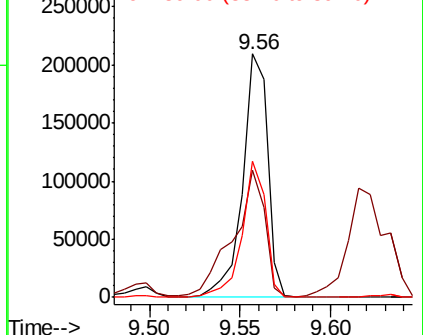
89 55.8 38.3 57.5



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: 37.622 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

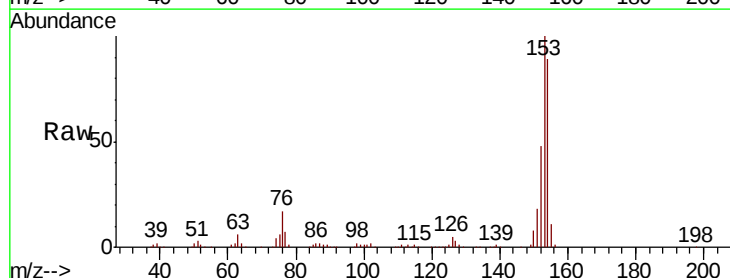
Tgt Ion:154 Resp: 659136

Ion Ratio Lower Upper

154 100

153 112.2 90.3 135.5

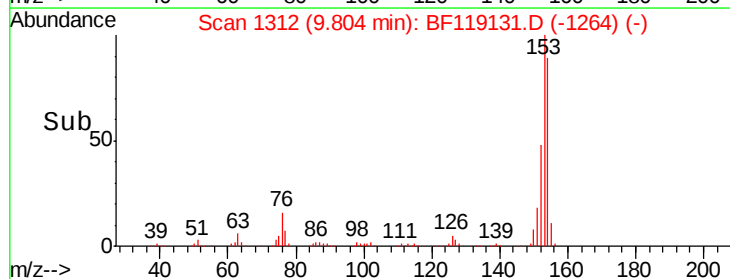
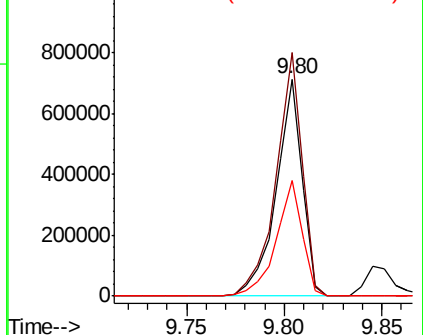
152 53.5 43.8 65.8

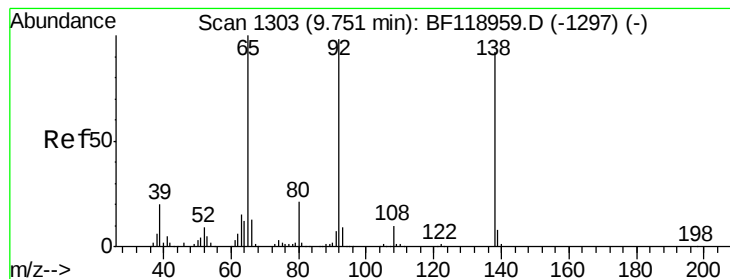


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 24.564 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampled :

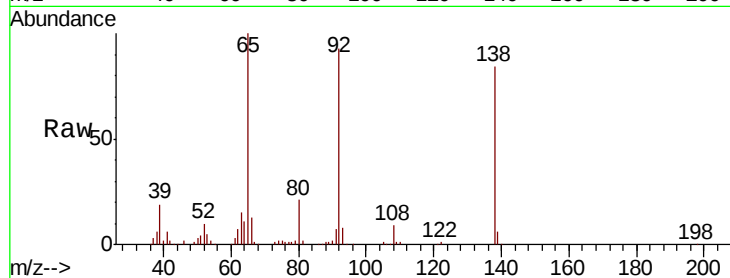
Tot Ion:138 Resp: 142903

Ion Ratio Lower Upper

138 100

108 11.2 8.8 13.2

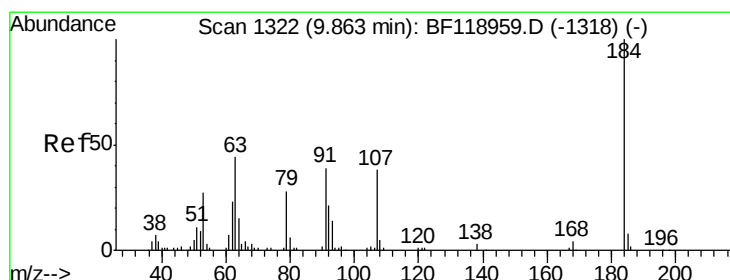
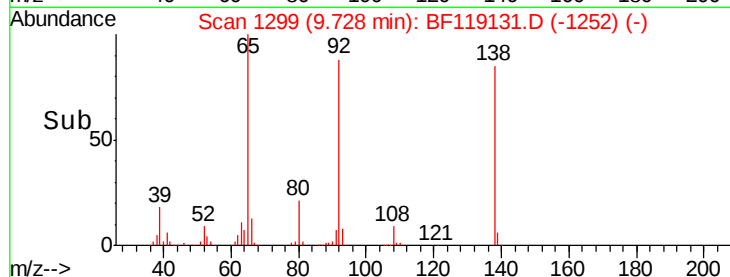
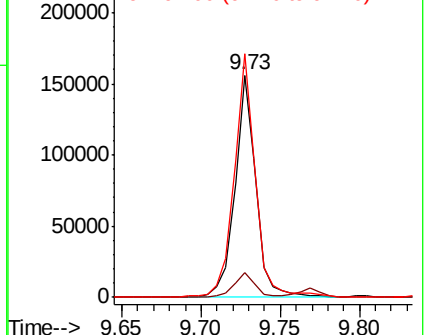
92 109.7 84.8 127.2



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: 69.111 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

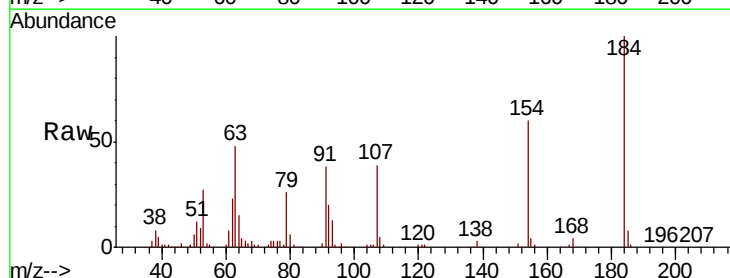
Tgt Ion:184 Resp: 173402

Ion Ratio Lower Upper

184 100

63 47.5 38.7 58.1

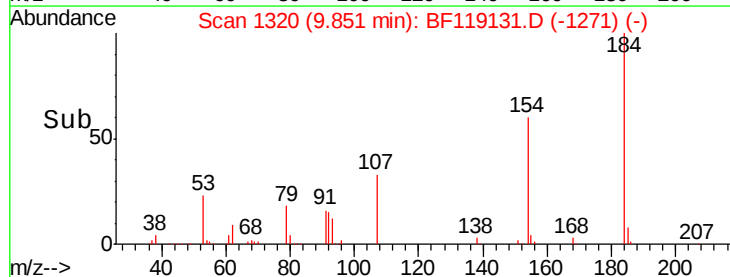
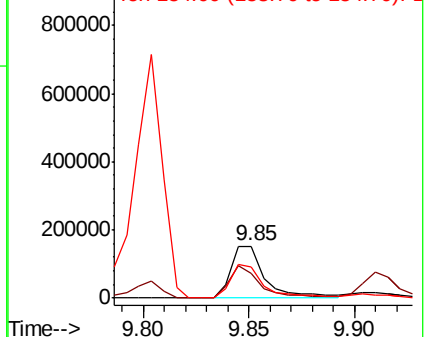
154 60.2 49.7 74.5

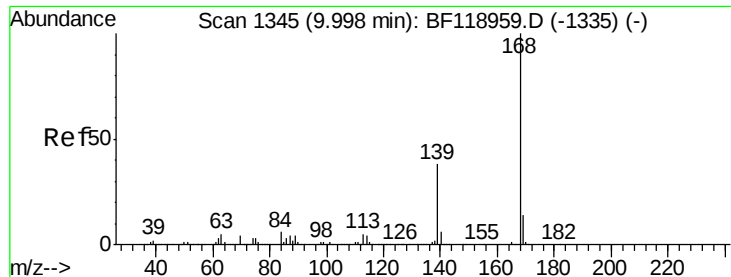


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

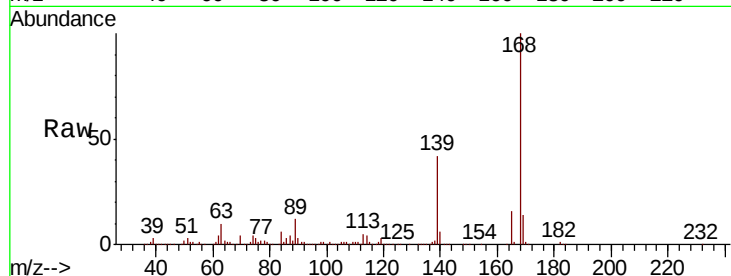




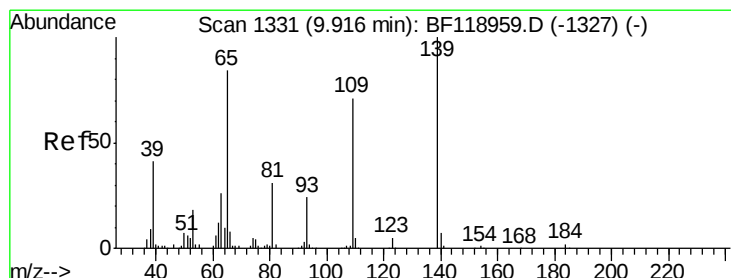
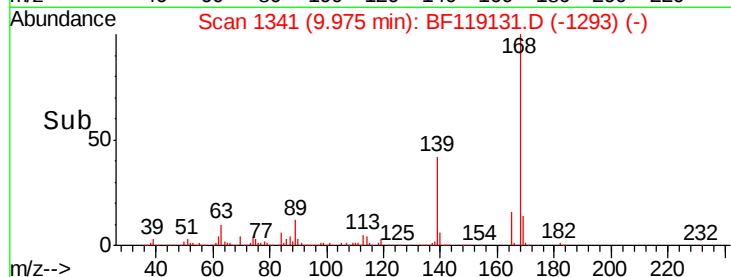
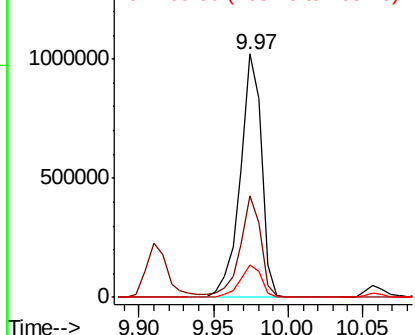
#55
Dibenzofuran
Concen: 38.797 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1014544
Ion Ratio Lower Upper
168 100
139 41.5 34.0 51.0
169 13.5 11.0 16.4

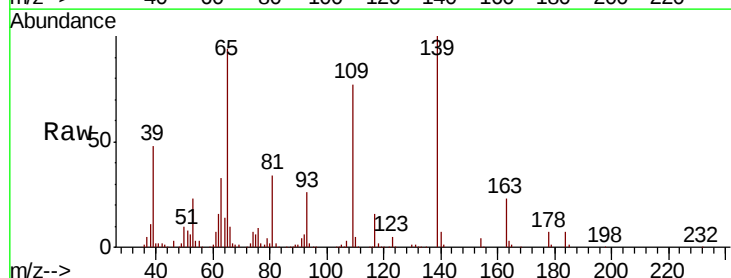


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

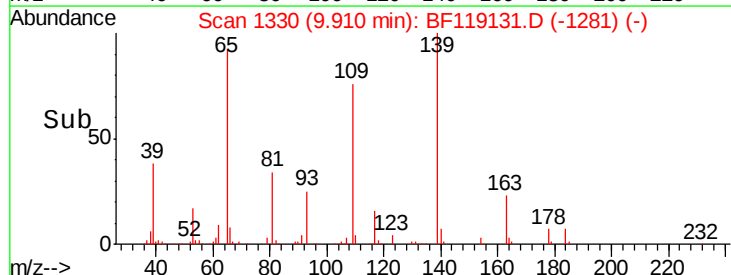
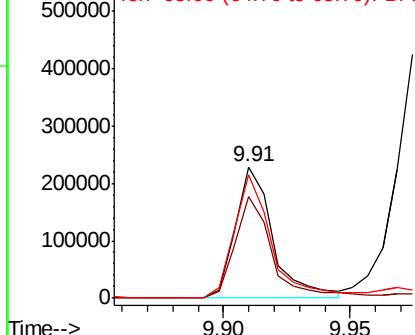


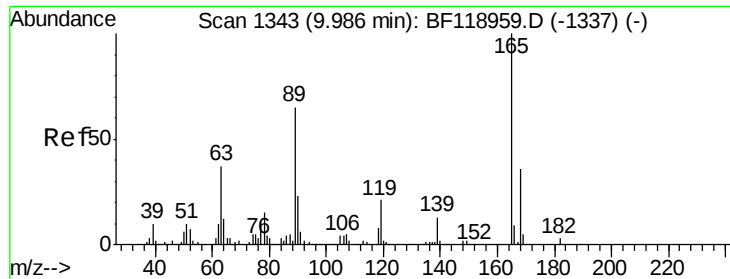
#56
4-Nitrophenol
Concen: 67.185 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:139 Resp: 234835
Ion Ratio Lower Upper
139 100
109 77.0 56.7 96.7
65 93.6 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

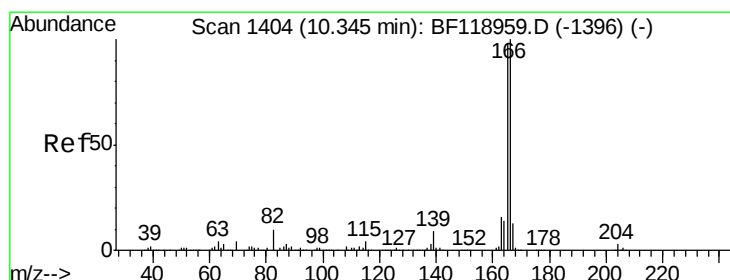
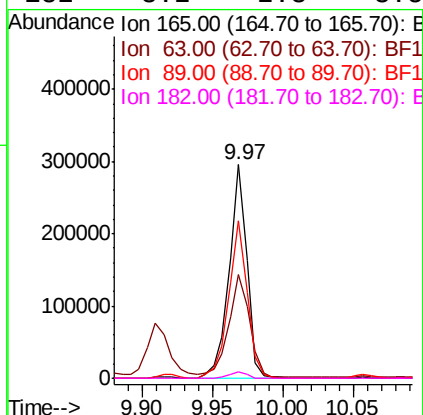
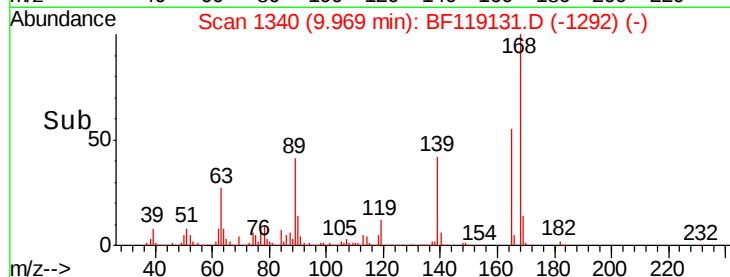
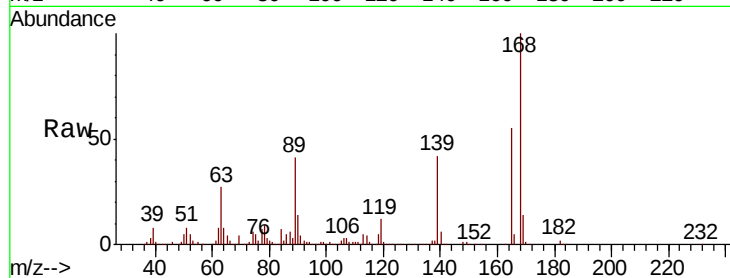




#57
2,4-Dinitrotoluene
Concen: 38.232 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

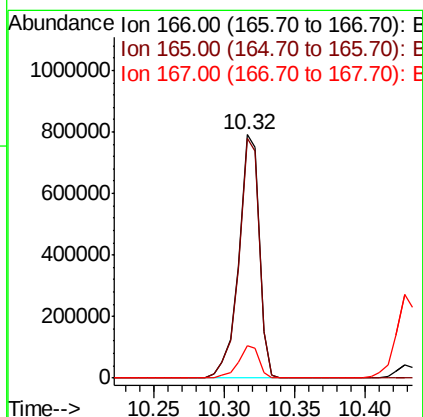
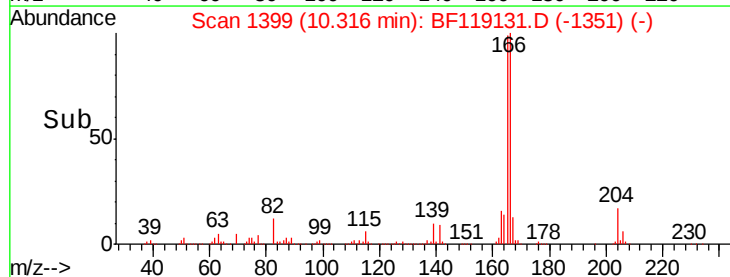
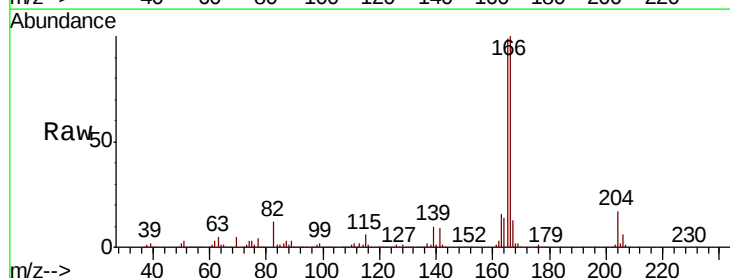
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	260053
Ion	Ratio	Lower	Upper
165	100		
63	48.7	42.3	63.5
89	73.8	60.2	90.4
182	3.2	2.3	3.5



#58
Fluorene
Concen: 39.329 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:	166	Resp:	799184
Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.5	117.7
167	13.5	11.0	16.4

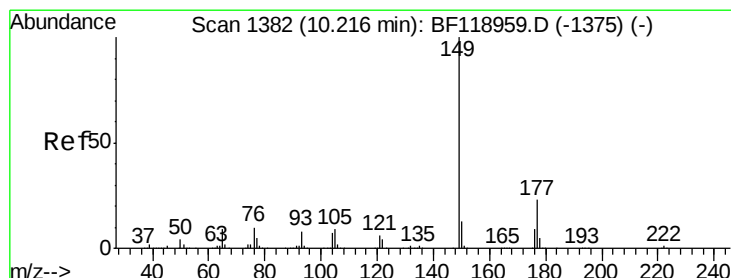
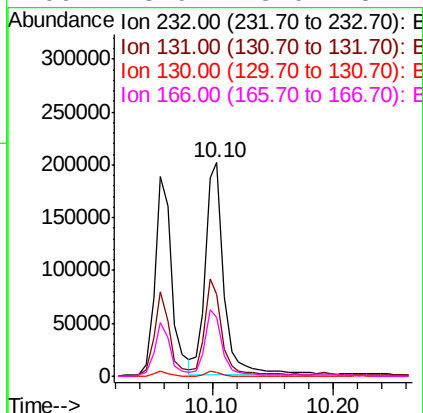
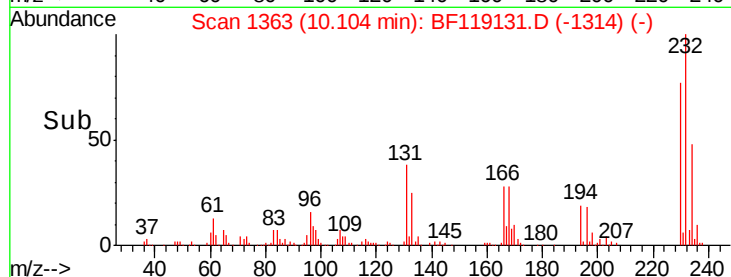
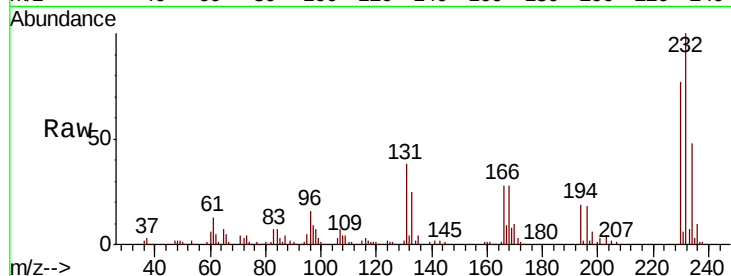




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.734 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

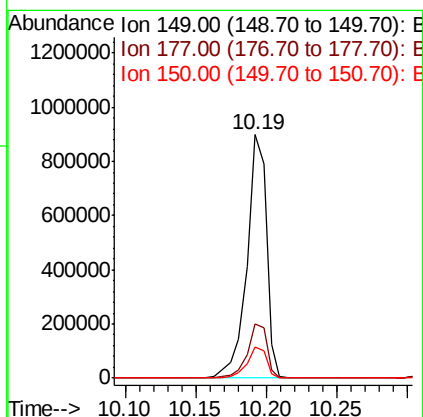
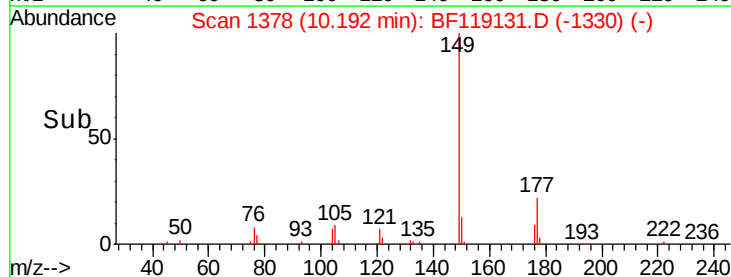
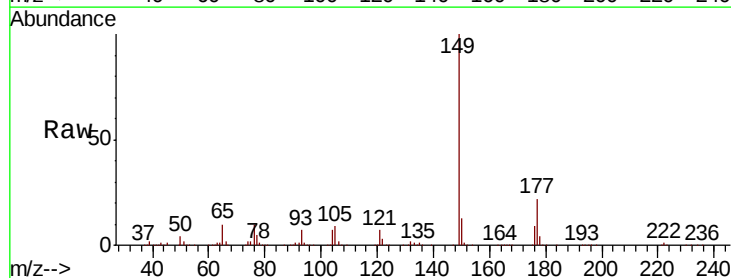
Instrument :
 BNA_F
 ClientSampleId :

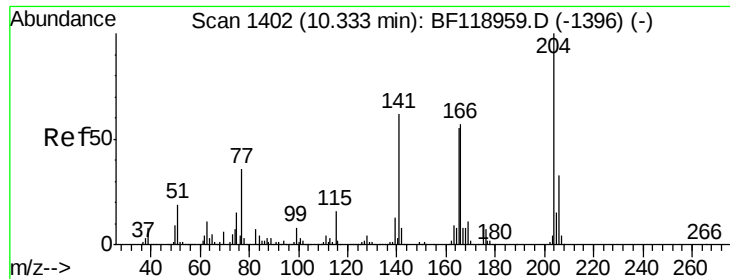
Tot Ion:	232	Resp:	213910
Ion	Ratio	Lower	Upper
232	100		
131	41.7	33.8	50.8
130	2.3	1.8	2.6
166	28.9	23.0	34.4



#60
 Diethylphthalate
 Concen: 39.210 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Tgt Ion:	149	Resp:	872777
Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.2	27.2
150	12.9	10.5	15.7

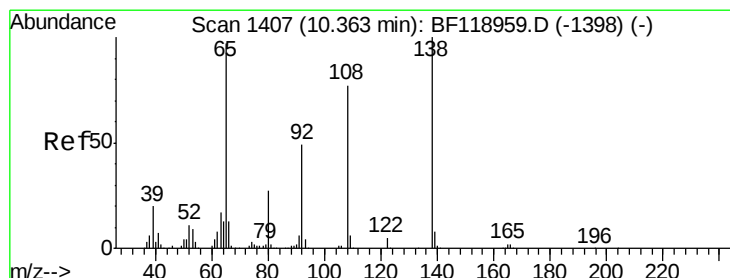
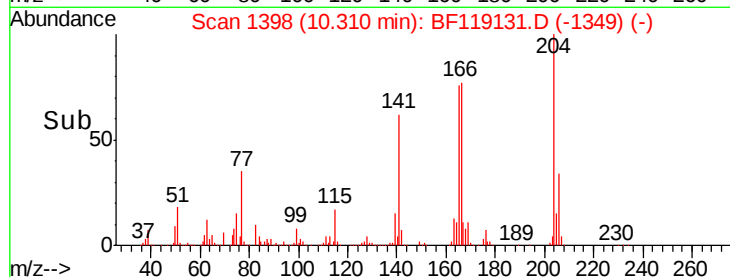
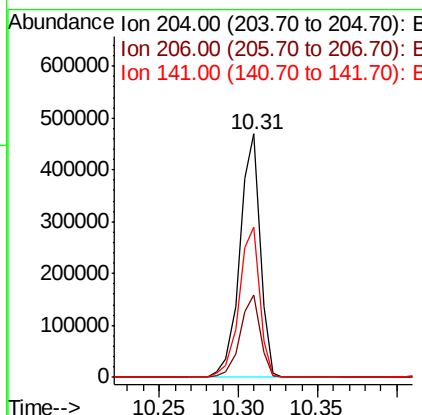
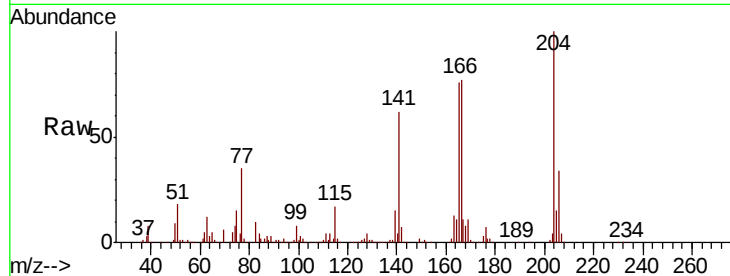




#61
 4-Chlorophenyl-phenylether
 Concen: 38.865 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

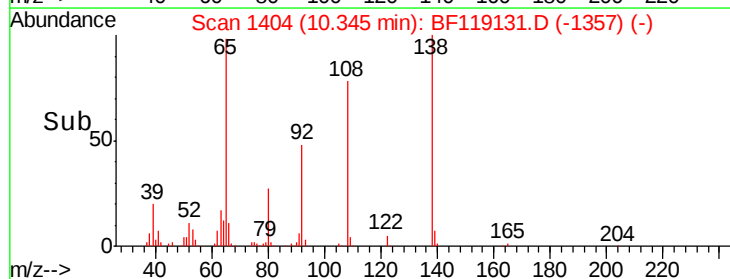
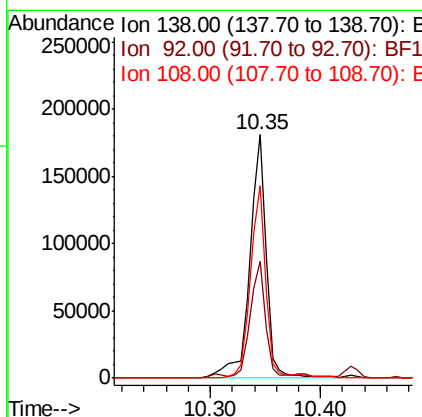
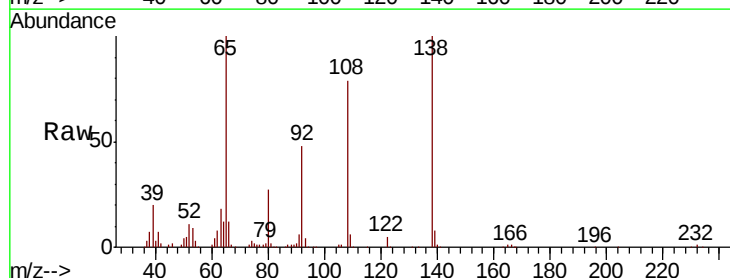
Instrument :
 BNA_F
 ClientSampleId :

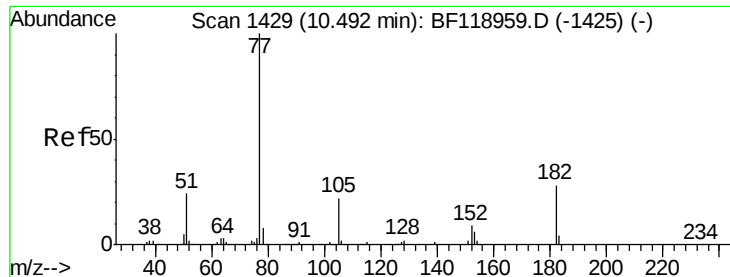
Tot Ion:	204	Resp:	418027
Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.1	40.7
141	61.5	52.9	79.3



#62
 4-Nitroaniline
 Concen: 32.277 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Tgt Ion:	138	Resp:	192118
Ion	Ratio	Lower	Upper
138	100		
92	48.2	27.3	67.3
108	79.3	57.0	97.0





#63

Azobenzene

Concen: 39.915 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 772271

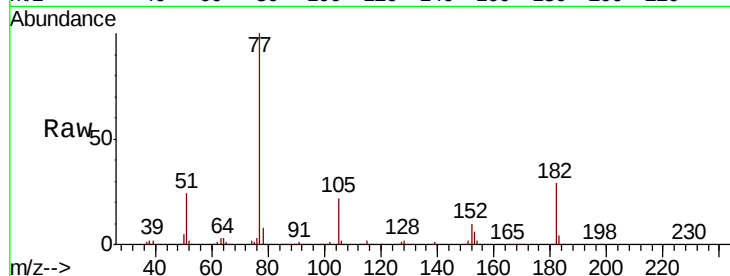
Ion Ratio Lower Upper

77 100

182 28.9 11.4 51.4

105 22.2 3.4 43.4

51 24.2 5.1 45.1

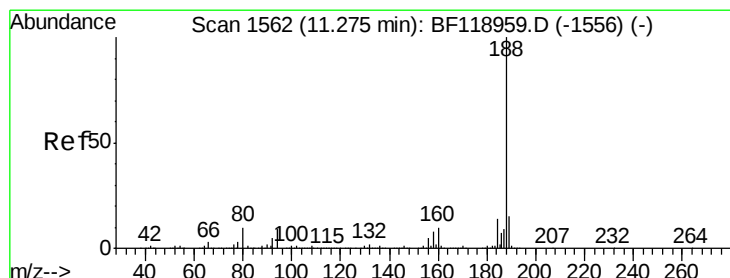
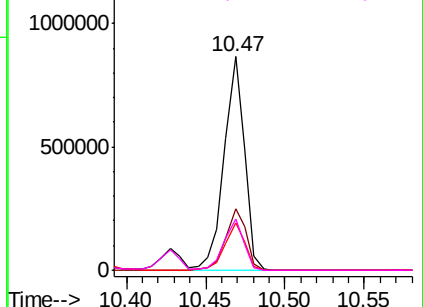
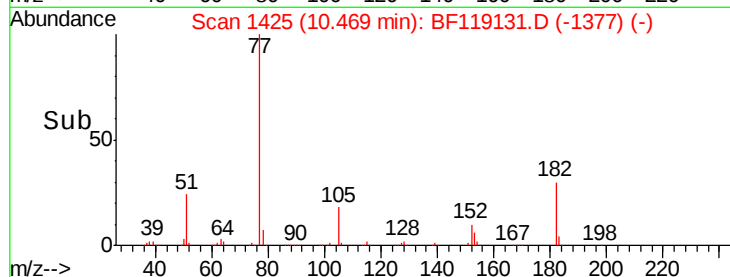


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

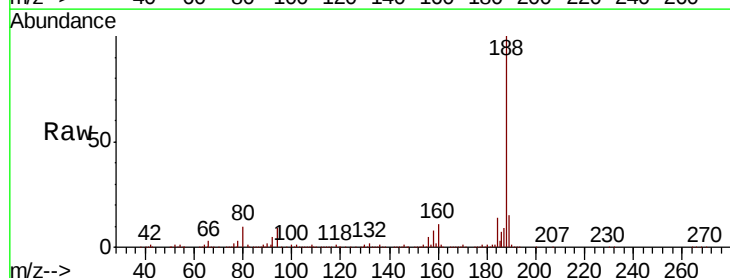
Tgt Ion: 188 Resp: 579056

Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

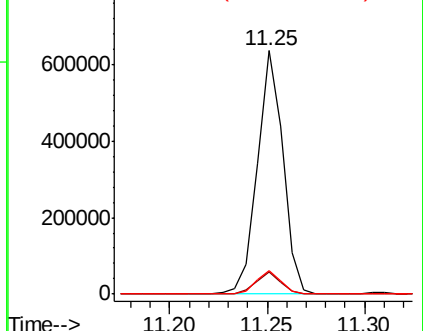
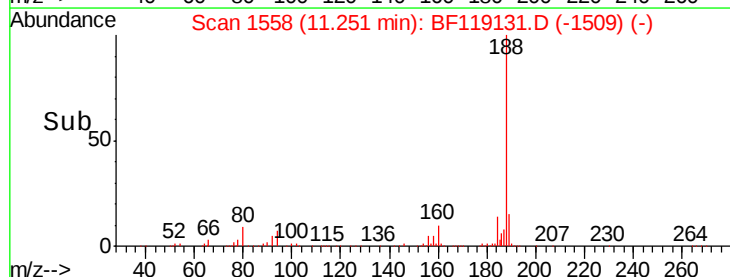
80 9.6 7.8 11.8

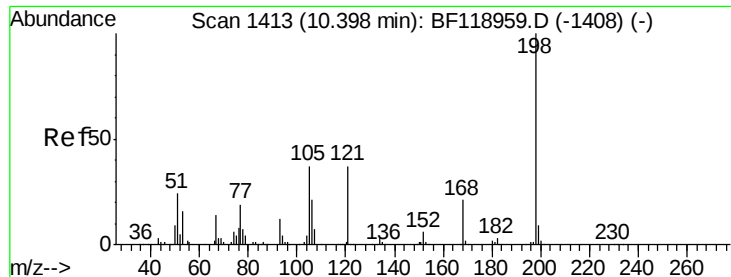


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

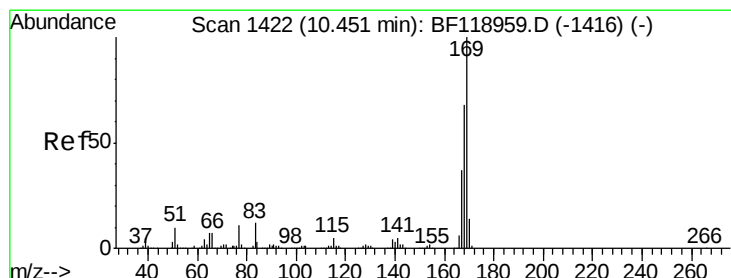
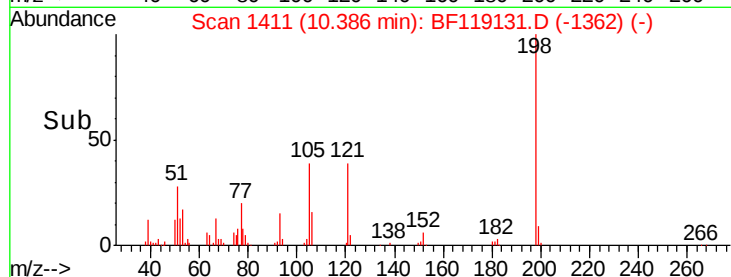
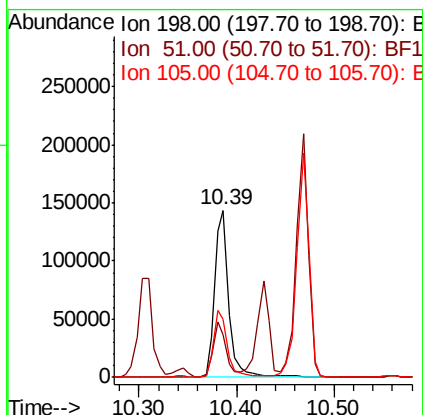
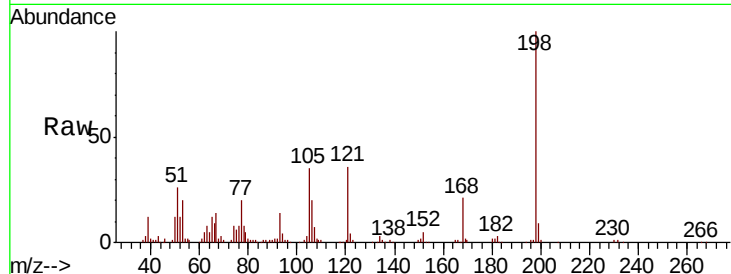




#65
4,6-Dinitro-2-methylphenol
Concen: 41.240 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

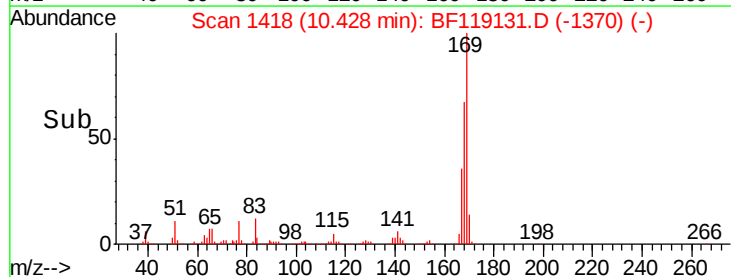
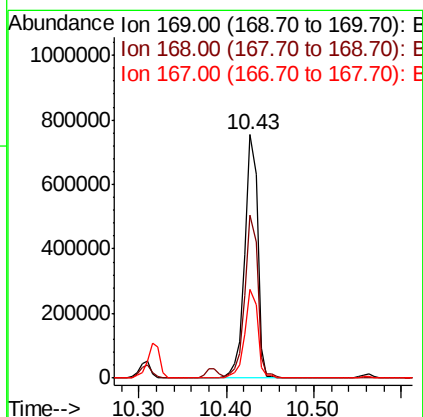
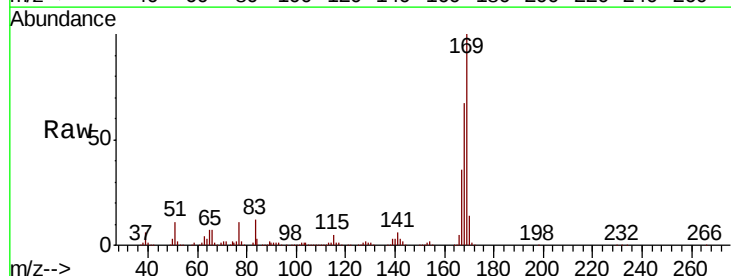
Instrument :
BNA_F
ClientSampleId :

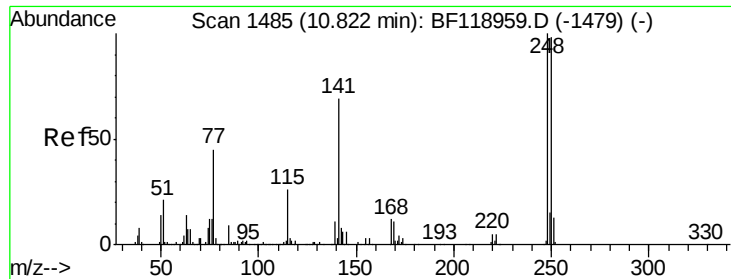
Tot Ion:198 Resp: 144501
Ion Ratio Lower Upper
198 100
51 25.9 14.2 54.2
105 35.2 22.7 62.7



#66
n-Nitrosodiphenylamine
Concen: 38.492 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:169 Resp: 729831
Ion Ratio Lower Upper
169 100
168 67.0 54.1 81.1
167 36.3 29.4 44.0

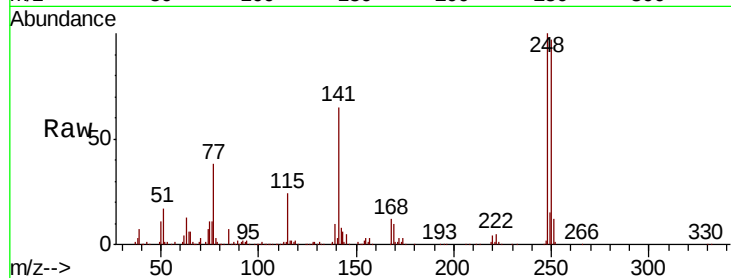




#67
4-Bromophenyl-phenylether
Concen: 36.468 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.7	115.1
141	65.0	60.7	91.1

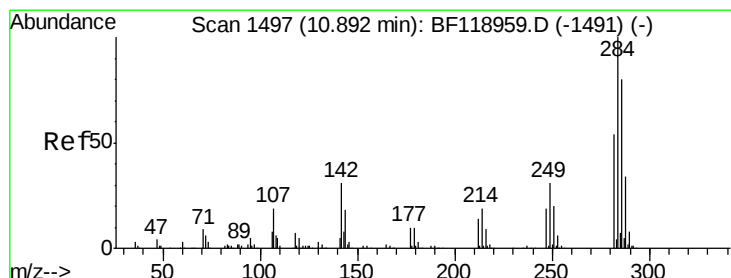
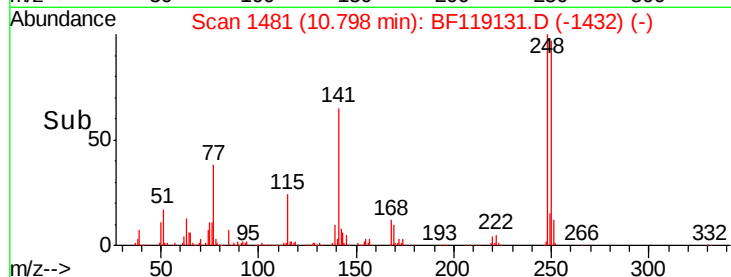
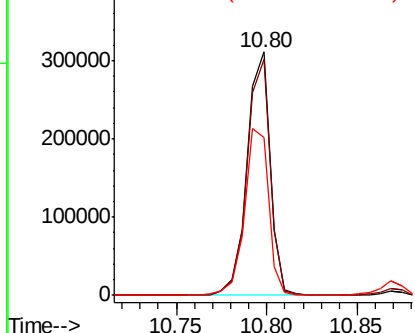


Abundance

Ion 248.00 (247.70 to 248.70): E

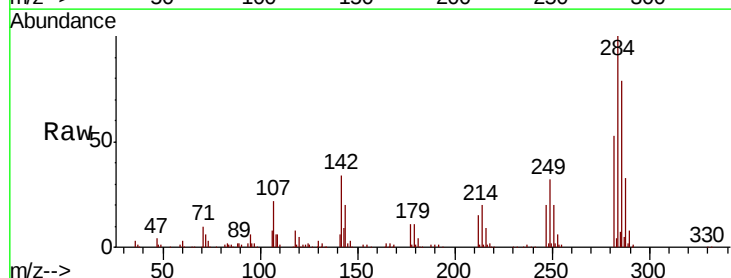
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.818 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	23.7	35.5
249	31.9	25.0	37.6

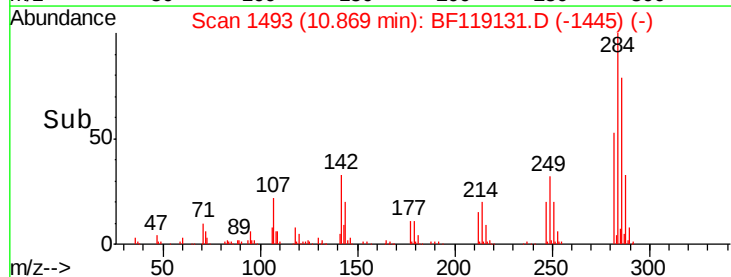
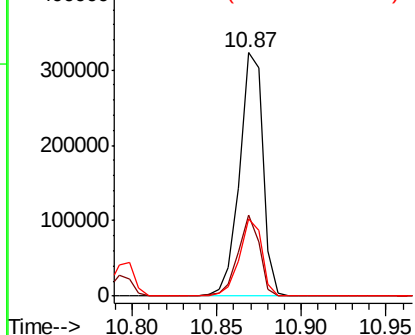


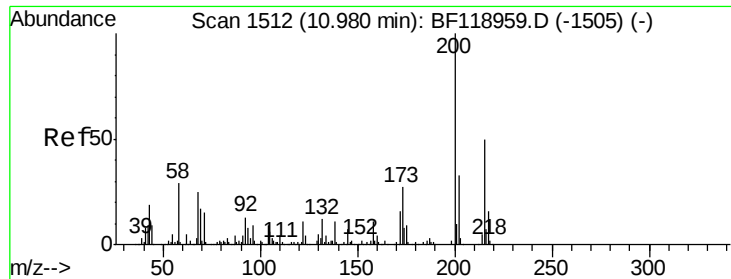
Abundance

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

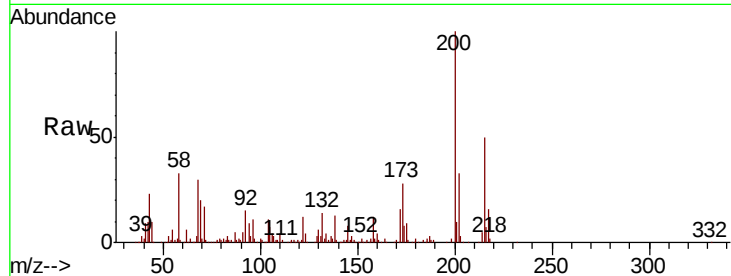




#69
Atrazine
Concen: 38.059 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.4	46.4
215	49.8	27.4	67.4

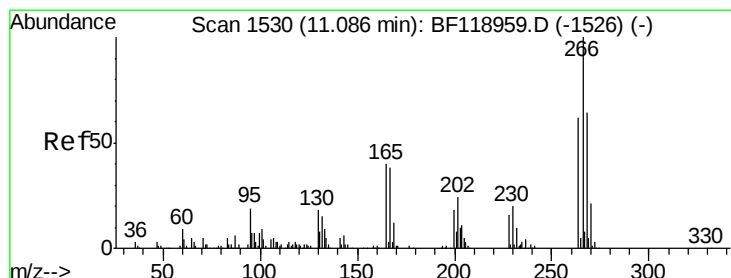
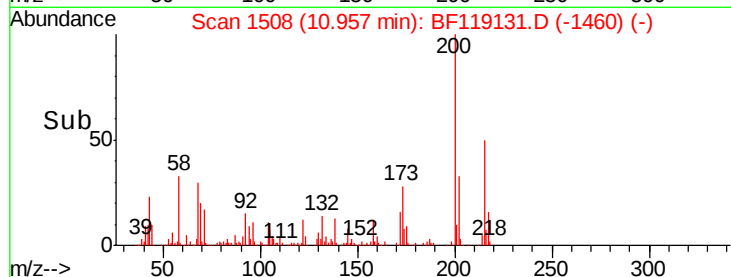
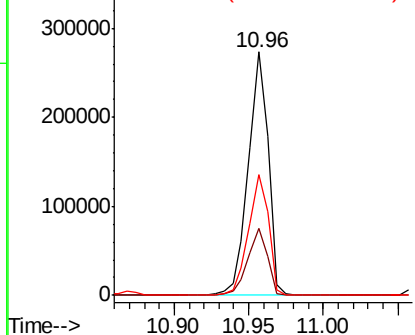


Abundance

Ion 200.00 (199.70 to 200.70): E

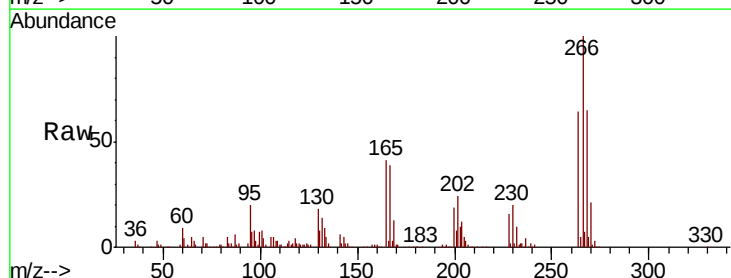
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 69.251 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.9	77.9
264	63.6	51.0	76.4

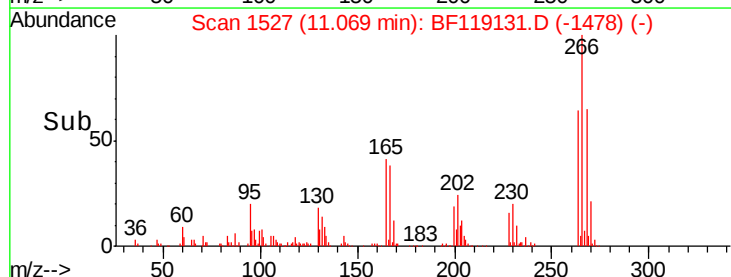
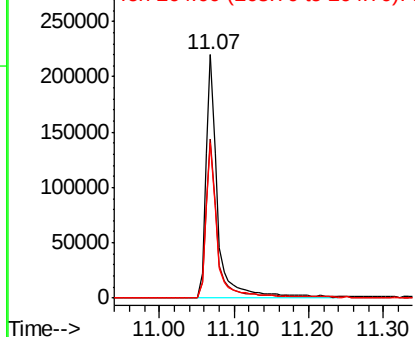


Abundance

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

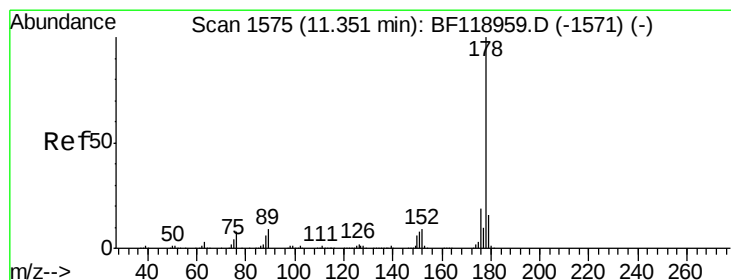
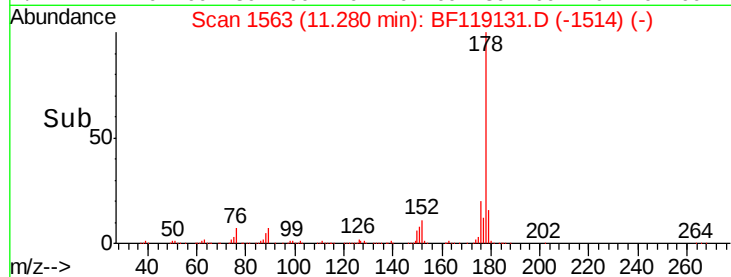
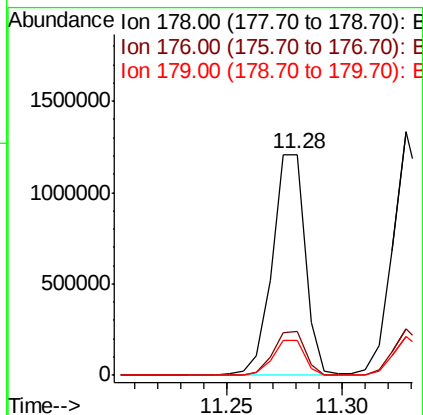
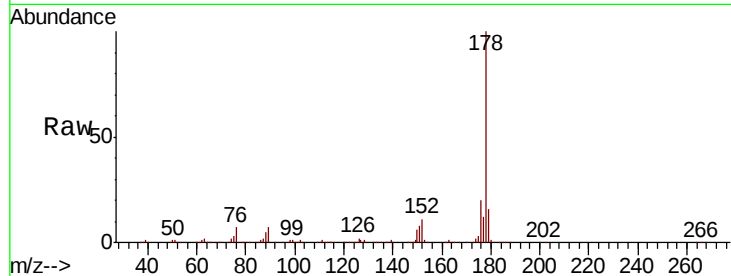




#71
Phenanthrene
Concen: 37.806 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

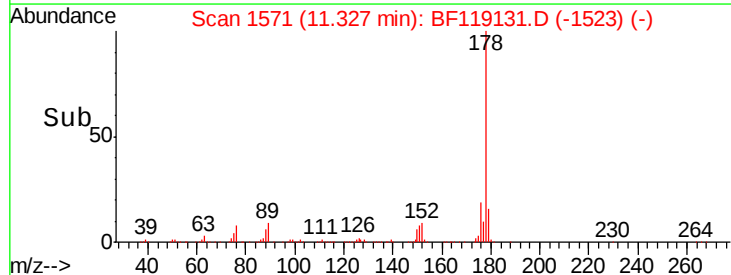
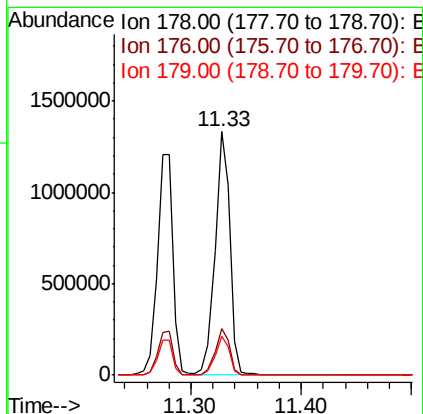
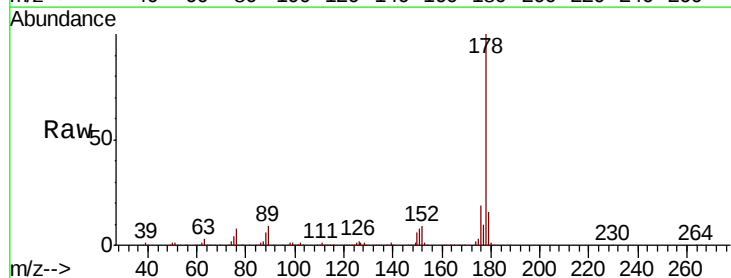
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1193865
Ion Ratio Lower Upper
178 100
176 19.7 16.5 24.7
179 15.6 13.0 19.6



#72
Anthracene
Concen: 39.006 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:178 Resp: 1230736
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 15.8 13.1 19.7





#73

Carbazole

Concen: 37.242 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

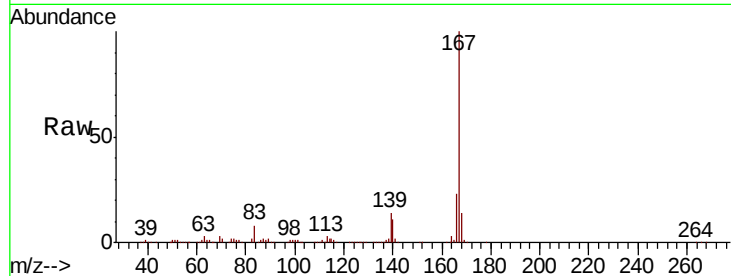
Tot Ion:167 Resp: 1046854

Ion Ratio Lower Upper

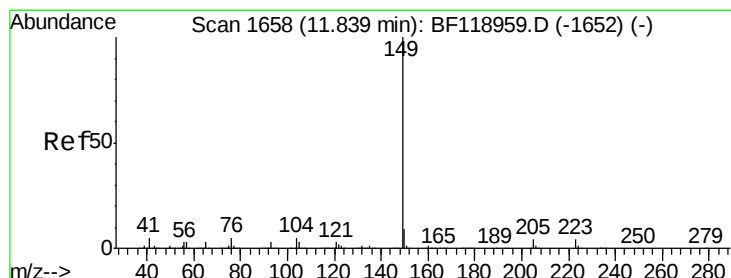
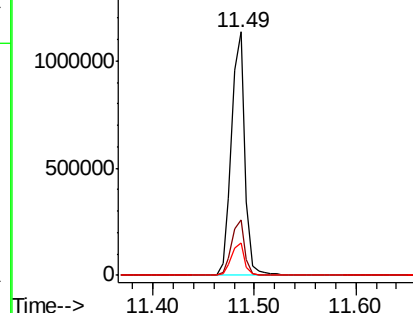
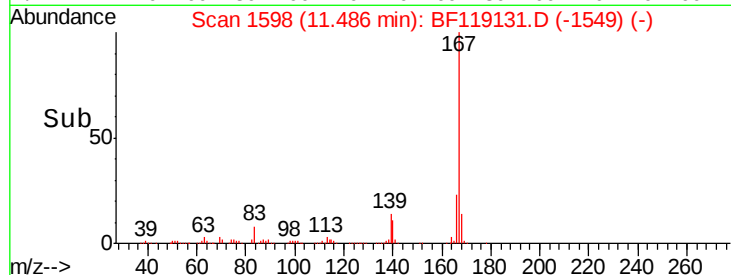
167 100

166 22.6 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: 39.604 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

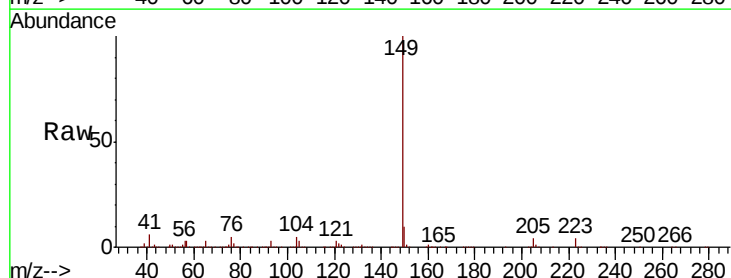
Tgt Ion:149 Resp: 1348158

Ion Ratio Lower Upper

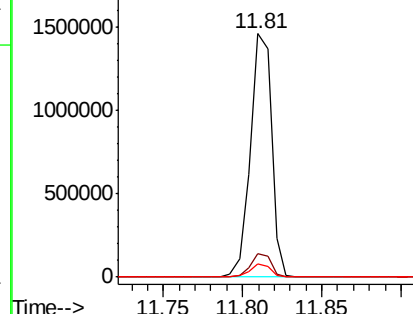
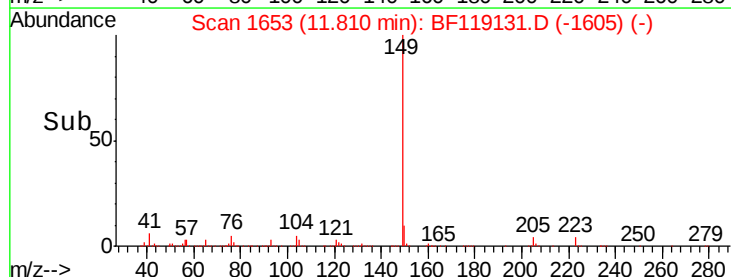
149 100

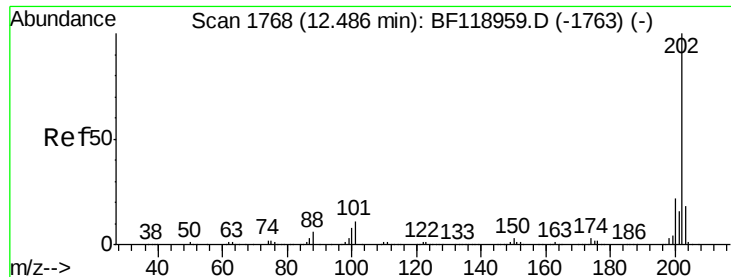
150 9.7 7.9 11.9

104 5.4 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



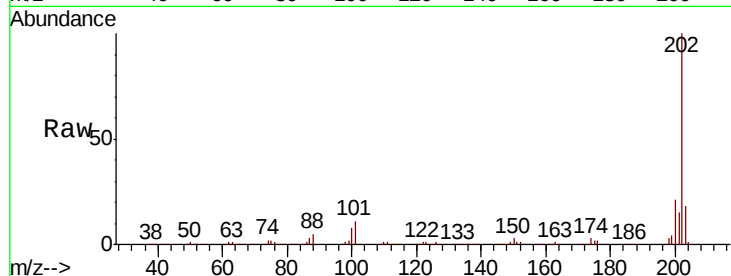


#75
 Fluoranthene
 Concen: 37.496 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

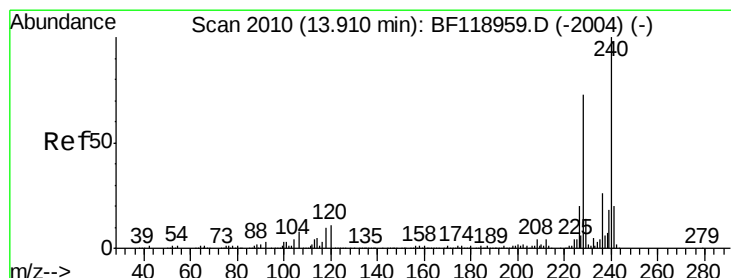
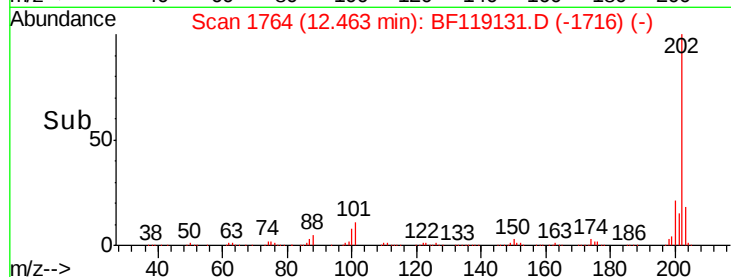
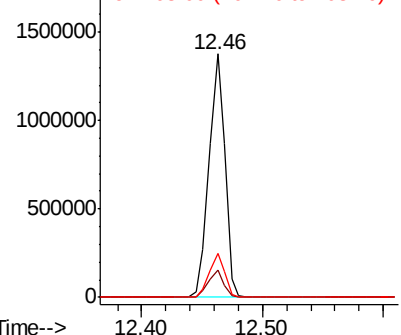
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1256868

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.3
203	17.8	0.0	38.4



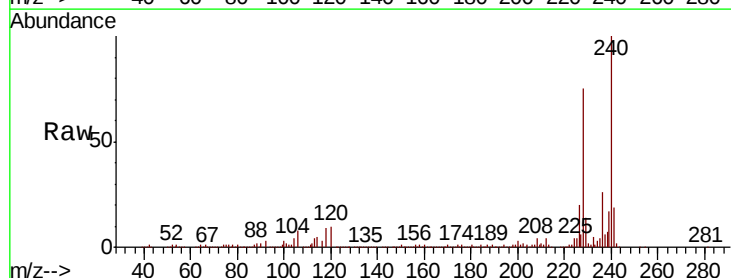
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



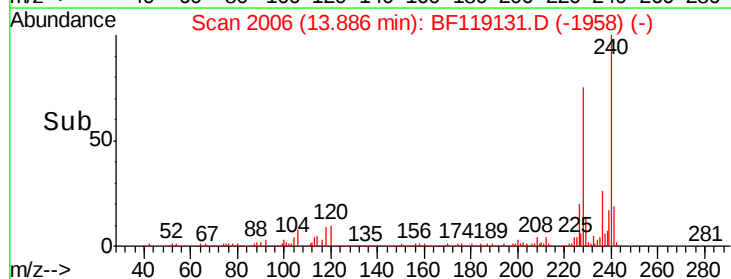
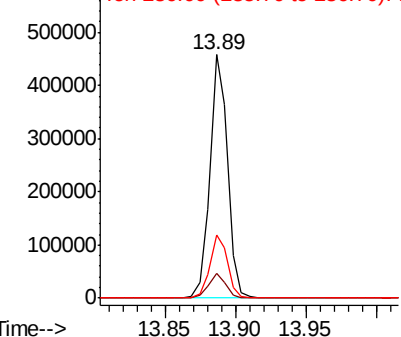
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

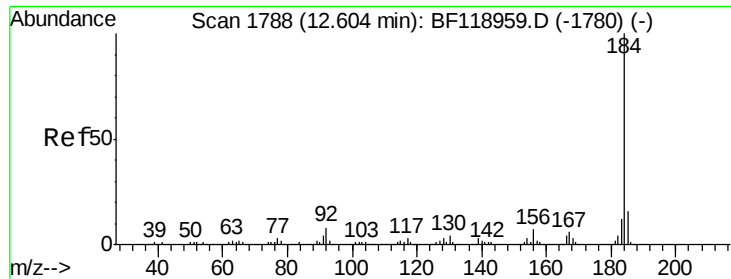
Tgt Ion:240 Resp: 395925

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.4	12.6
236	25.7	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.484 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

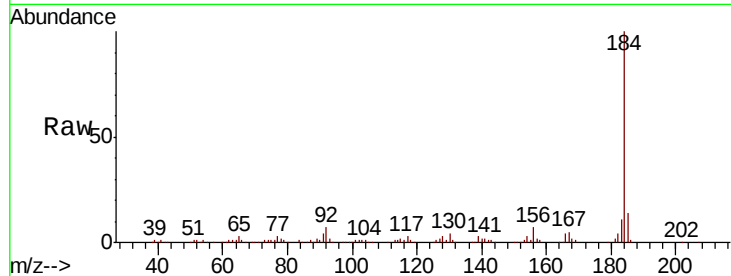
Tot Ion:184 Resp: 217125

Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.4

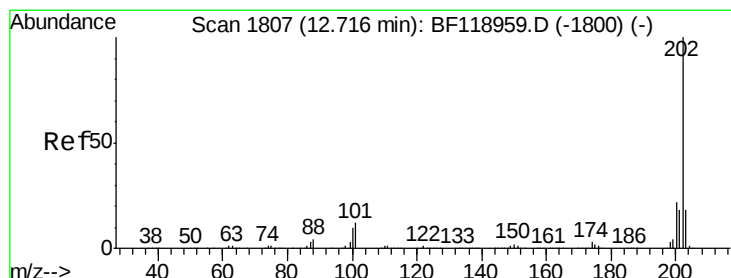
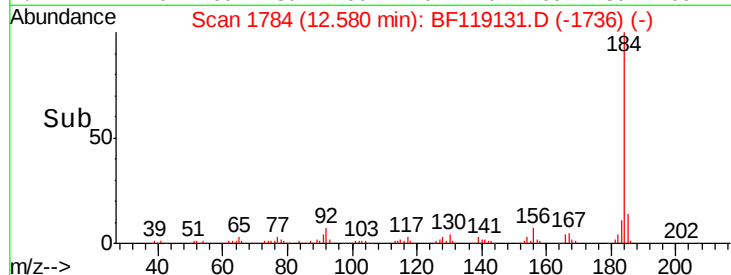
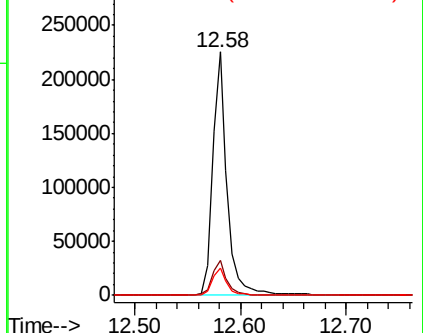
183 11.4 9.9 14.9



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: 39.090 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

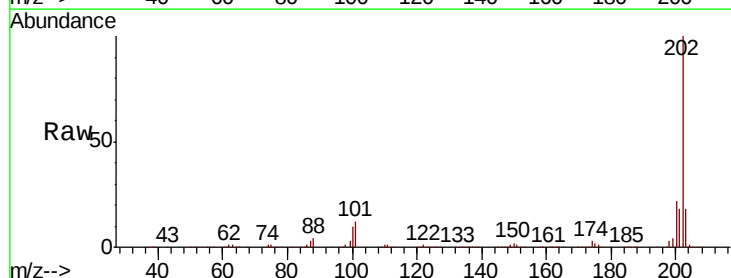
Tgt Ion:202 Resp: 1242746

Ion Ratio Lower Upper

202 100

200 21.9 18.0 27.0

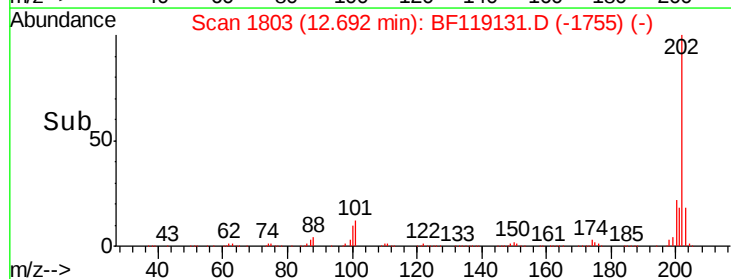
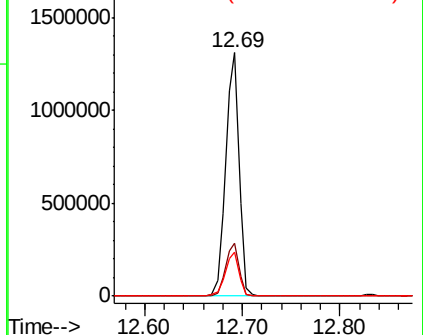
203 17.8 14.6 22.0

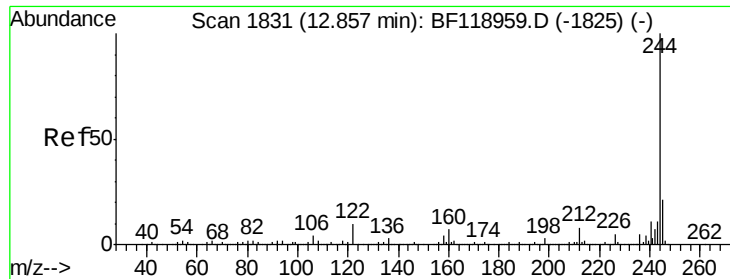


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



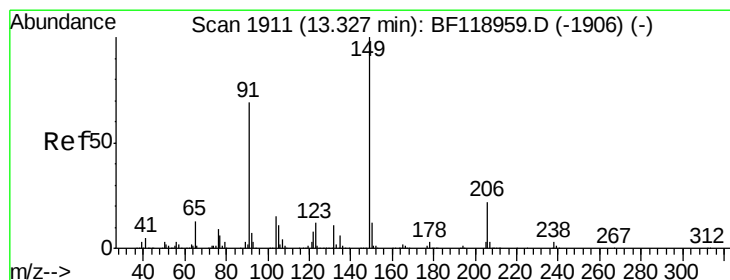
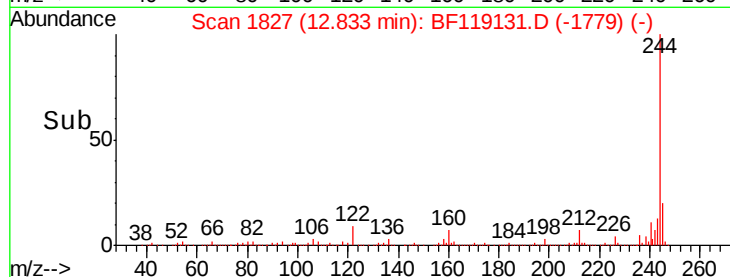
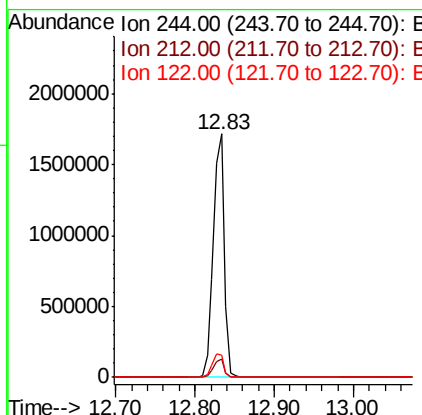
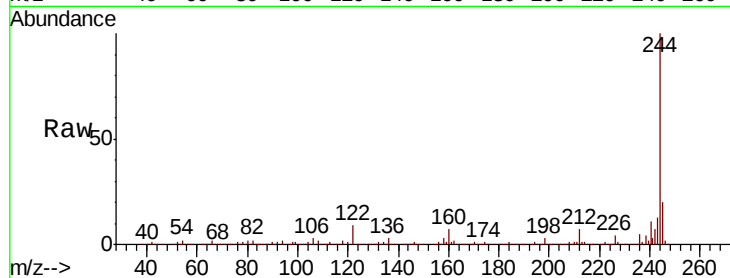


#79
 Terphenyl-d14
 Concen: 71.428 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1642597

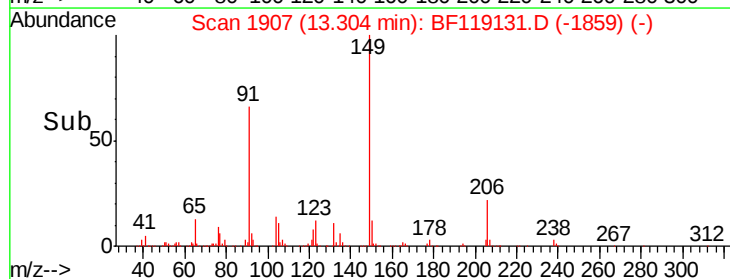
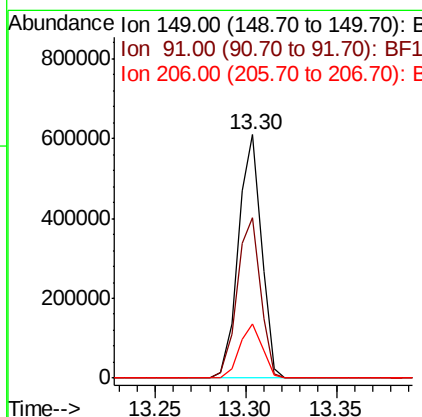
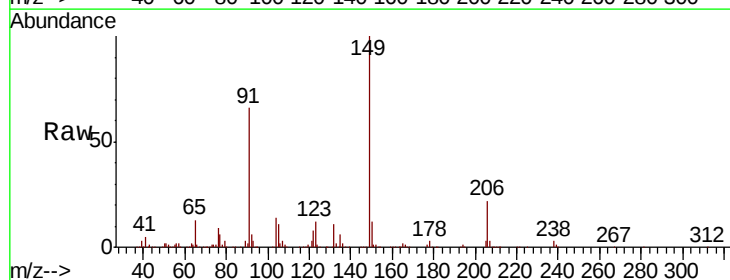
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	10.0
122	9.1	8.2	12.2



#80
 Butylbenzylphthalate
 Concen: 40.285 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Tgt Ion:149 Resp: 539030

Ion	Ratio	Lower	Upper
149	100		
91	65.7	52.3	78.5
206	22.5	18.5	27.7





#81

Benzo(a)anthracene

Concen: 38.198 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampled :

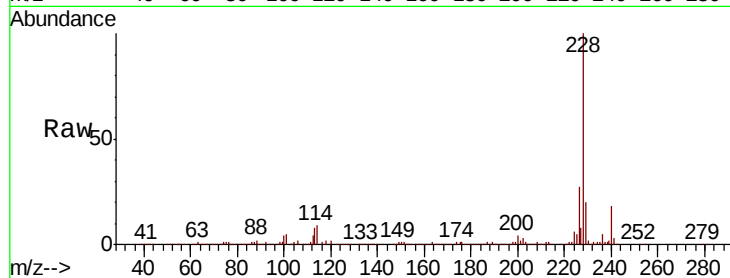
Tot Ion:228 Resp: 1030465

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

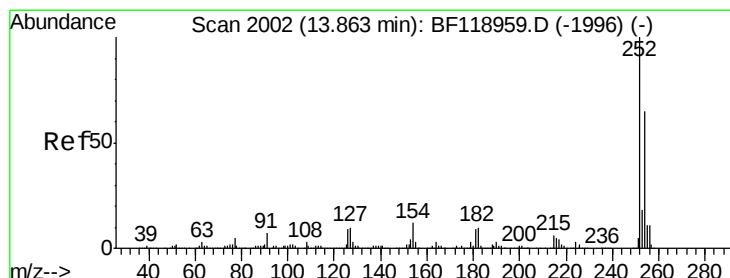
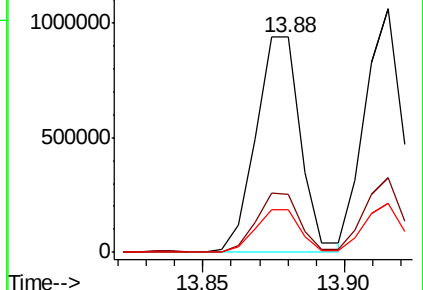
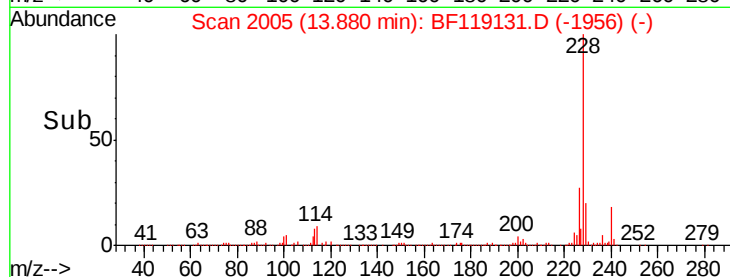
229 19.7 16.6 24.8



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: 27.744 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

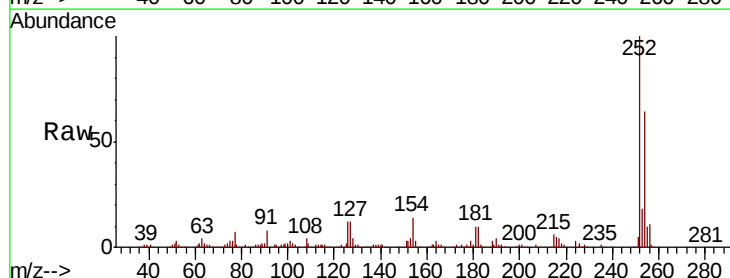
Tgt Ion:252 Resp: 290630

Ion Ratio Lower Upper

252 100

254 63.8 51.6 77.4

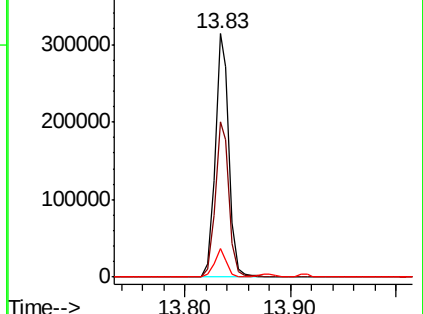
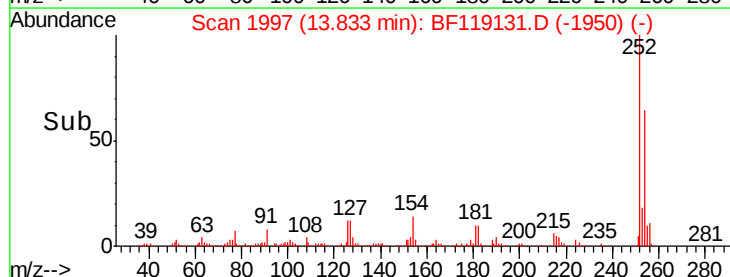
126 11.5 7.4 11.0#

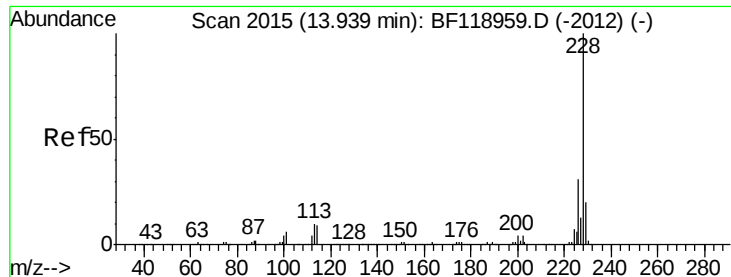


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

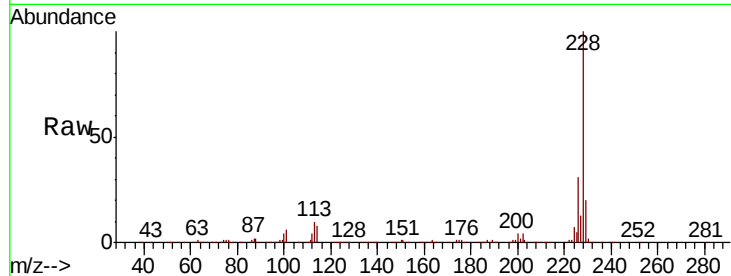




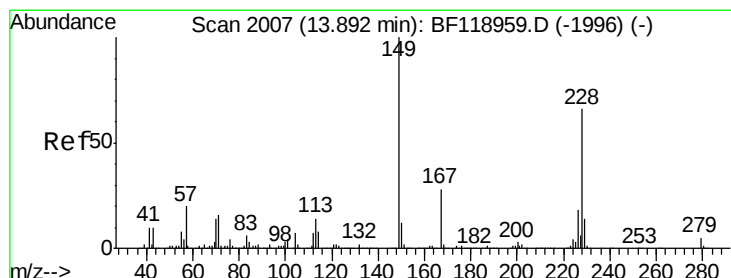
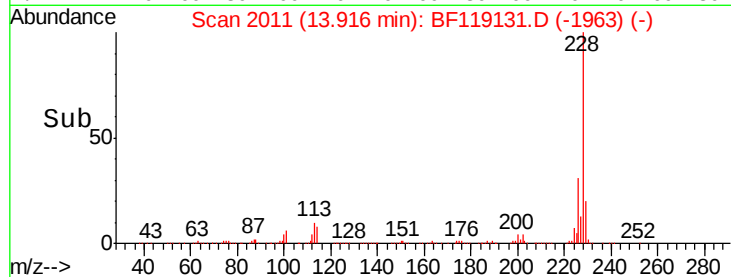
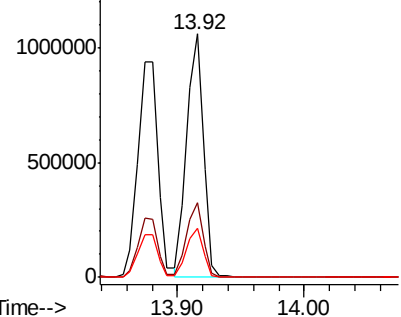
#83
 Chrvsene
 Concen: 36.150 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 971733
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.1 37.7
 229 19.9 16.3 24.5

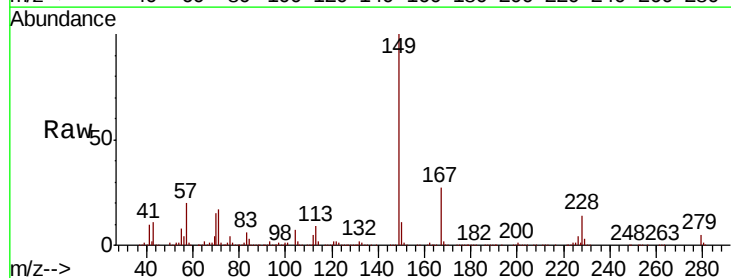


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

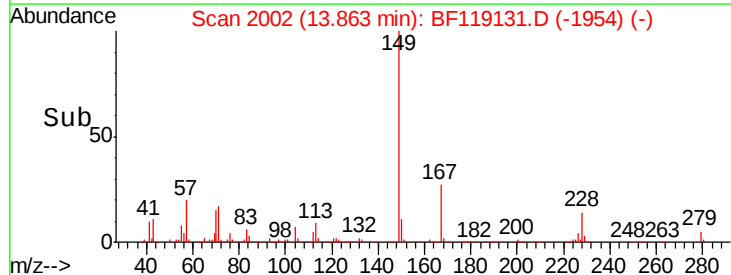
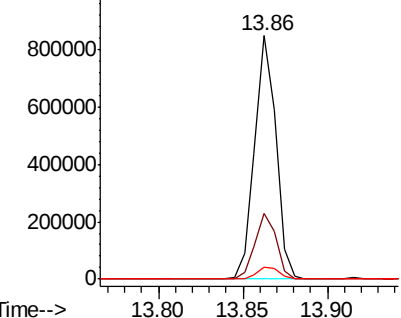


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.899 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Tgt Ion:149 Resp: 742086
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.8 34.2
 279 4.8 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.532 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

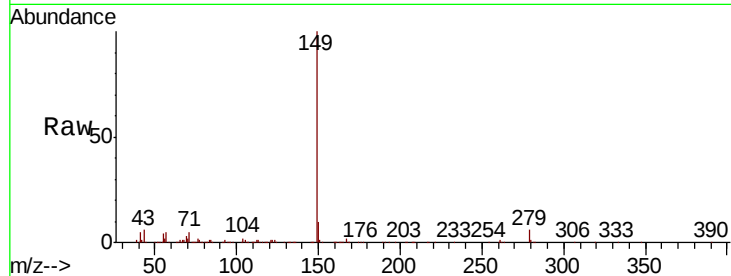
Tot Ion:149 Resp: 1118609

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

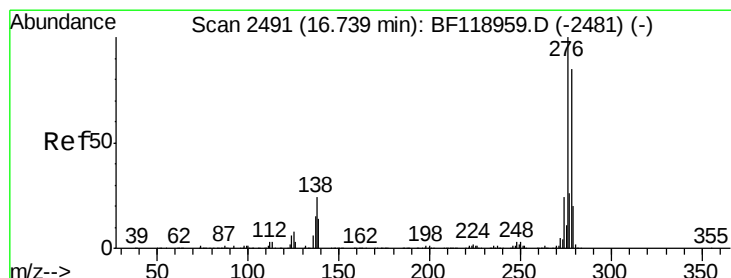
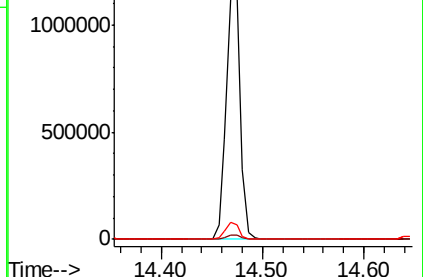
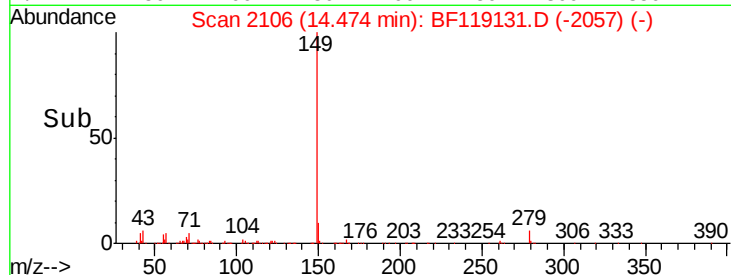
43 6.5 5.7 8.5



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: 31.748 ng

RT: 16.71 min Scan# 2486

Delta R.T. -0.03 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

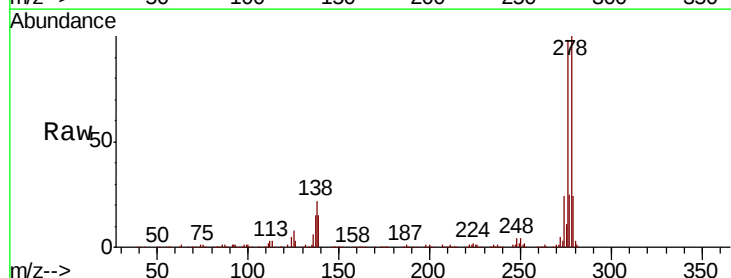
Tgt Ion:276 Resp: 826309

Ion Ratio Lower Upper

276 100

138 21.6 17.4 26.0

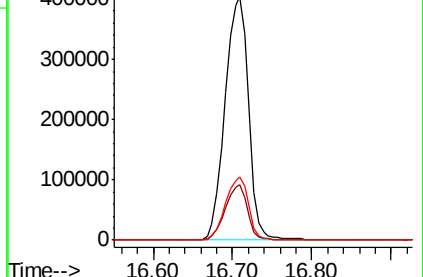
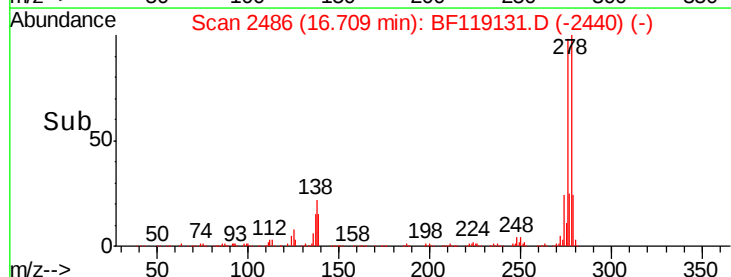
277 25.4 20.3 30.5

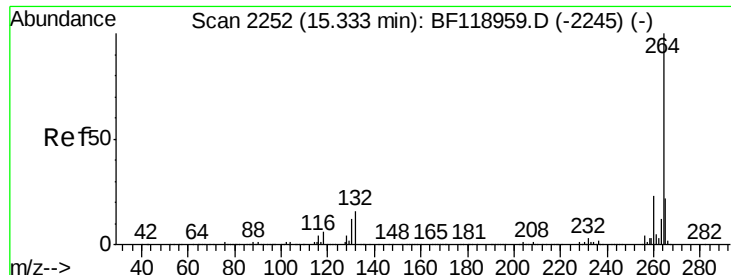


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



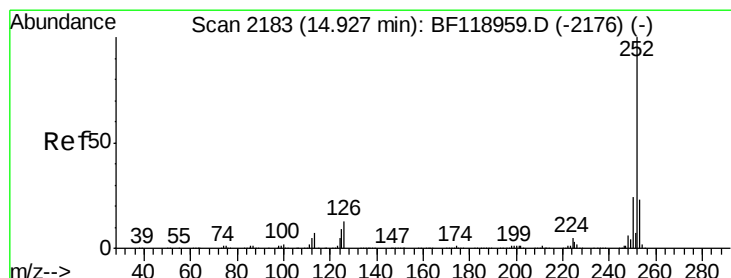
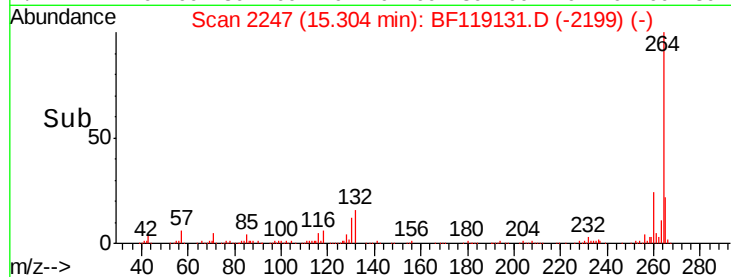
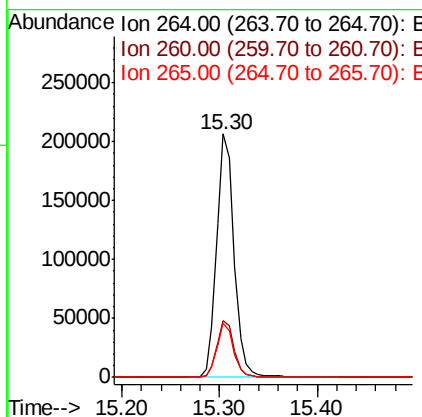
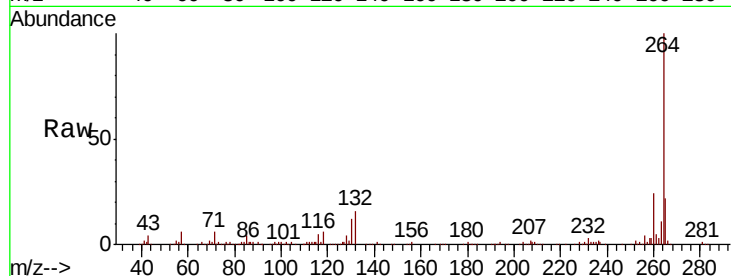


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 257576

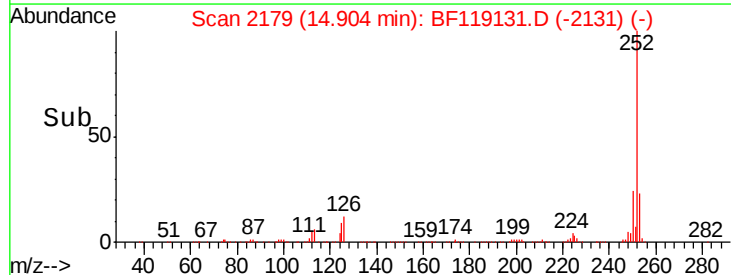
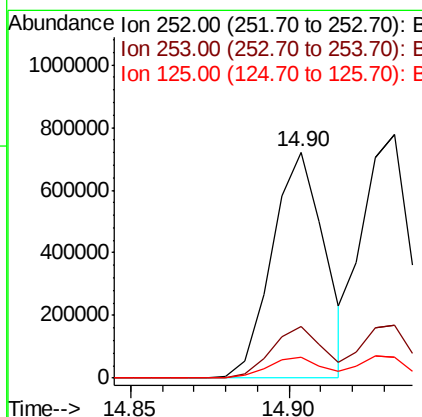
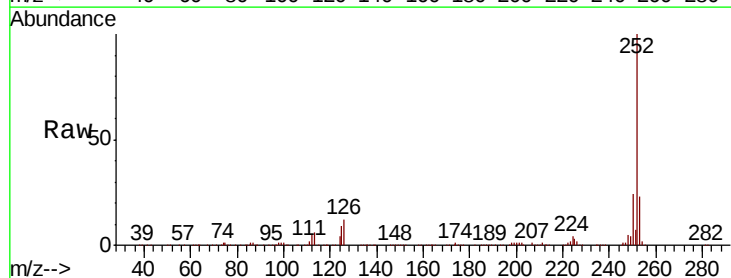
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	22.3	17.7	26.5

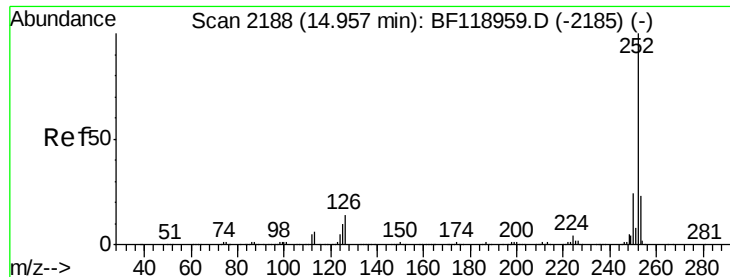


#88
Benzo(b)fluoranthene
Concen: 49.134 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:252 Resp: 834204

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	9.2	7.4	11.0

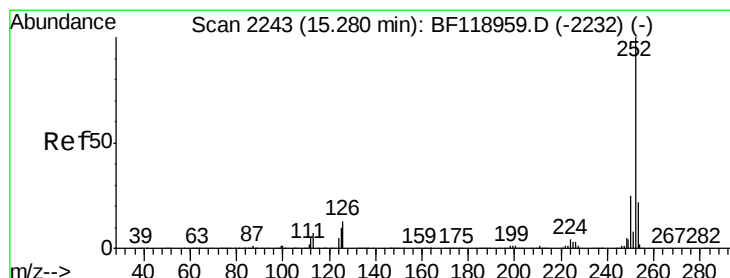
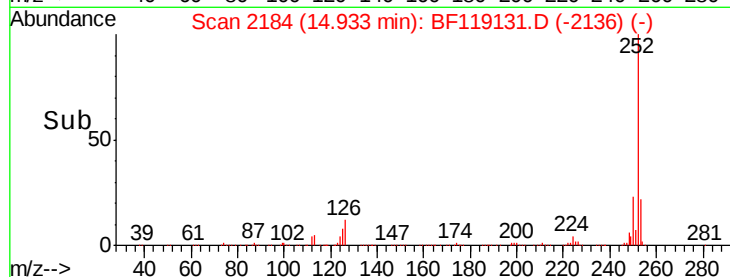
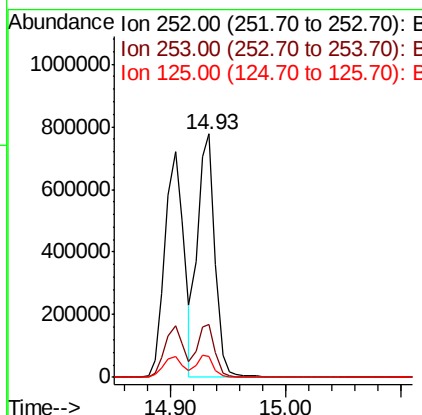
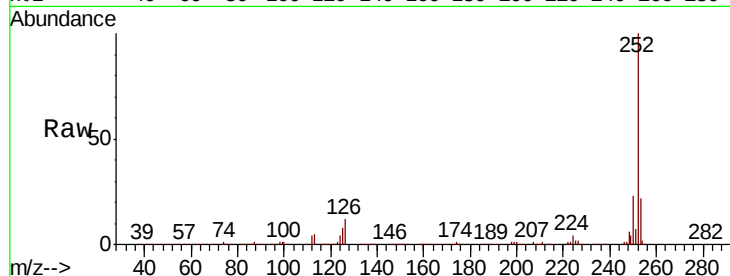




#89
Benzo(k)fluoranthene
Concen: 52.411 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

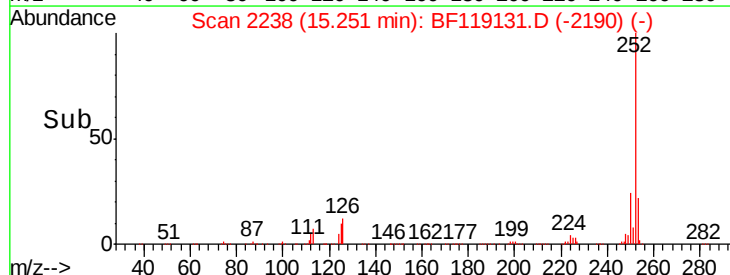
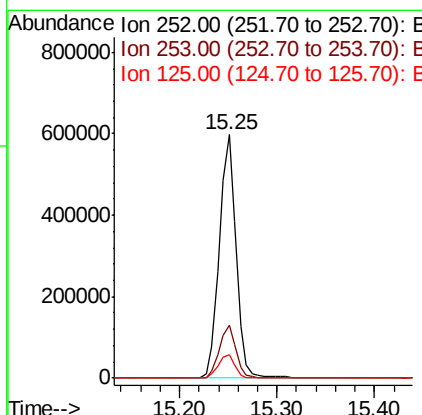
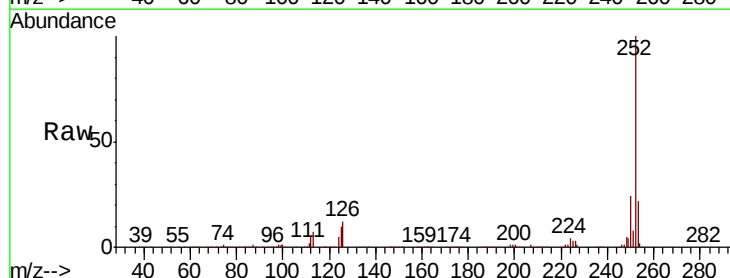
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 824624
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.4 7.5 11.3



#90
Benzo(a)pyrene
Concen: 46.636 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:252 Resp: 714608
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 9.6 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 51.670 ng

RT: 16.71 min Scan# 2486

Delta R.T. -0.04 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

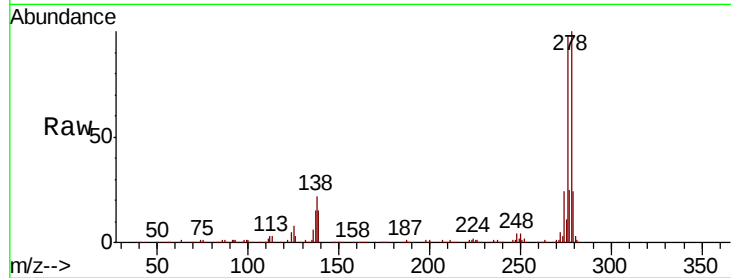
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 696637

Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.0	16.4
279	23.9	18.6	28.0

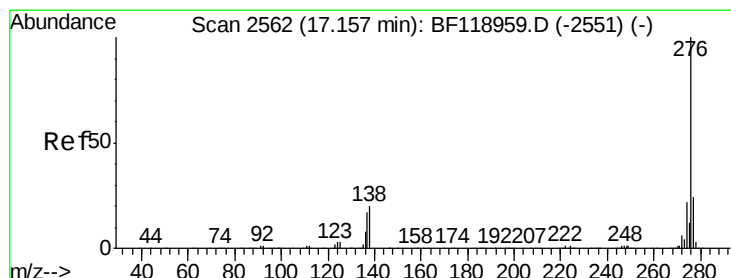
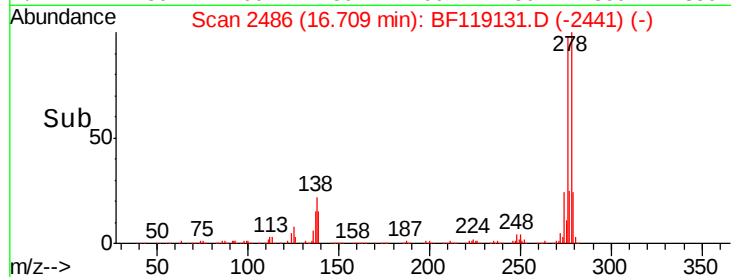
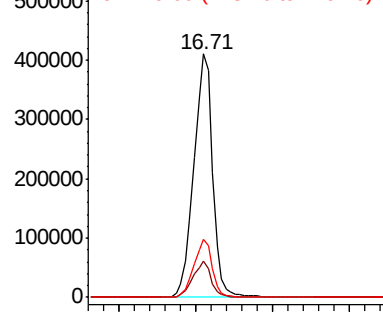


Abundance

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: 53.131 ng

RT: 17.12 min Scan# 2556

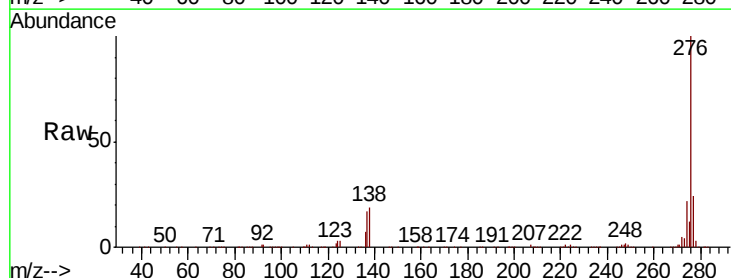
Delta R.T. -0.04 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Tgt Ion:276 Resp: 707780

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.7	28.1
138	19.4	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

