

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
 Data File : BF122088.D
 Acq On : 22 Oct 2020 17:31
 Operator : JU/CG
 Sample : L4436-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 33B

Quant Time: Oct 22 18:23:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

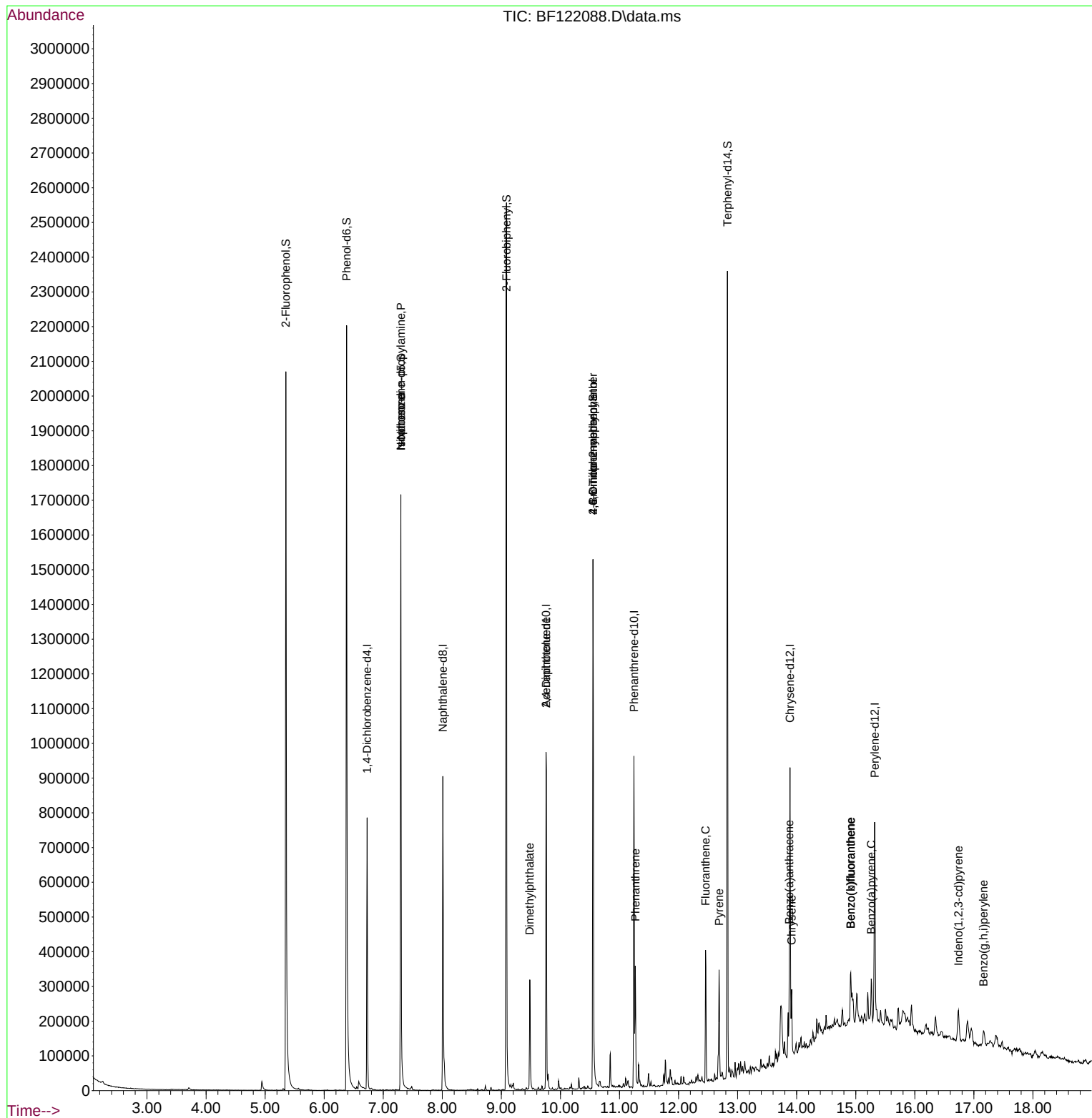
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	106243	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	414824	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	204767	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	334211	20.00	ng	0.00
76) Chrysene-d12	13.886	240	244516	20.00	ng	0.00
86) Perylene-d12	15.321	264	251709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	626417	87.02	ng	0.00
7) Phenol-d6	6.381	99	782715	84.47	ng	0.00
23) Nitrobenzene-d5	7.298	82	541931	67.00	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	204422	80.70	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	867121	62.31	ng	0.00
79) Terphenyl-d14	12.827	244	663914	51.75	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	1371	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.298	70	73239	13.88	ng	# 78
25) Isophorone	7.298	82	541928	35.43	ng	# 67
50) Dimethylphthalate	9.480	163	136894	9.14	ng	100
57) 2,4-Dinitrotoluene	9.757	165	25833	6.39	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.551	198	246	4.53	ng	# 1
67) 4-Bromophenyl-phenylether	10.551	248	11847	3.07	ng	# 1
71) Phenanthrene	11.269	178	123656	6.75	ng	98
75) Fluoranthene	12.457	202	151910	7.73	ng	98
78) Pyrene	12.686	202	128155	6.88	ng	97
81) Benzo(a)anthracene	13.874	228	66614	4.16	ng	99
83) Chrysene	13.915	228	59605	3.79	ng	97
87) Indeno(1,2,3-cd)pyrene	16.739	276	34690	2.12	ng	95
88) Benzo(b)fluoranthene	14.915	252	108361	6.37	ng	# 94
89) Benzo(k)fluoranthene	14.915	252	108361	6.70	ng	# 93
90) Benzo(a)pyrene	15.262	252	56019	3.81	ng	# 94
92) Benzo(g,h,i)perylene	17.162	276	32616	2.42	ng	96

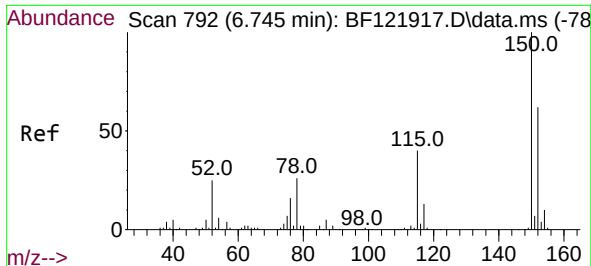
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122088.D
Acq On : 22 Oct 2020 17:31
Operator : JU/CG
Sample : L4436-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
33B

Quant Time: Oct 22 18:23:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

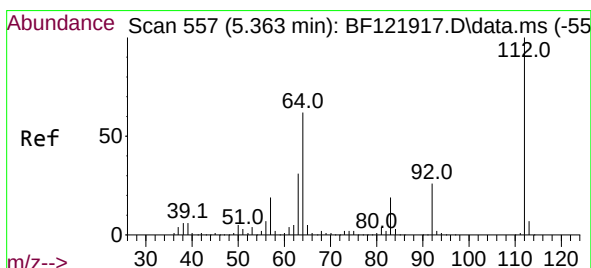
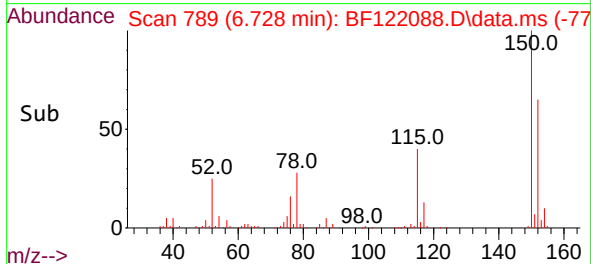
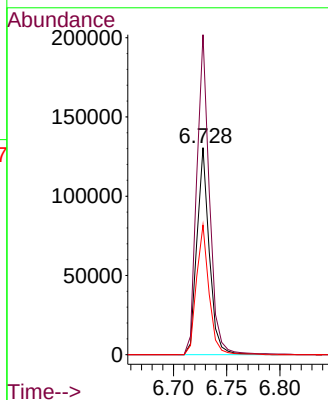
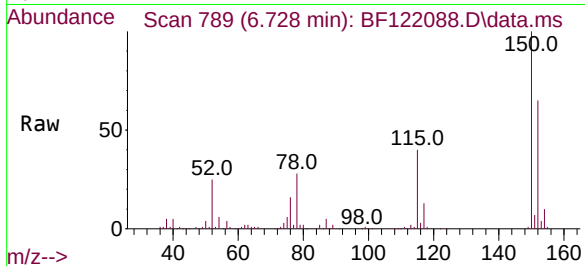




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

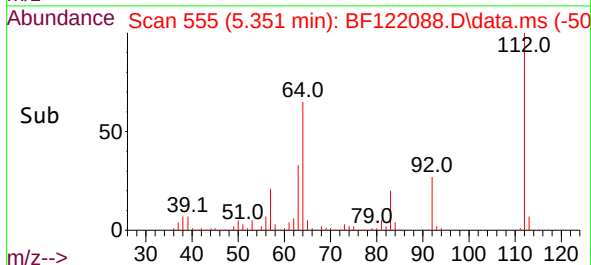
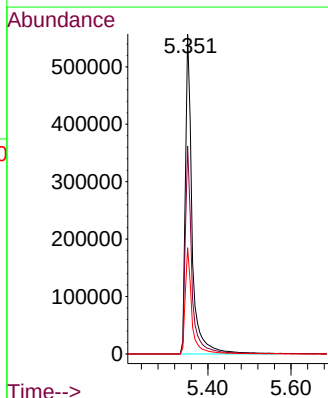
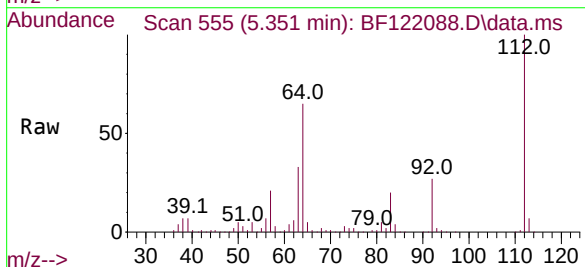
Instrument :
BNA_F
ClientSampled :
33B

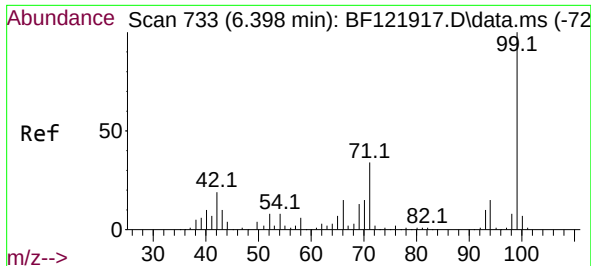
Tgt Ion:152 Resp: 106243
Ion Ratio Lower Upper
152 100
150 154.5 125.3 187.9
115 62.6 51.9 77.9



#5
2-Fluorophenol
Concen: 87.02 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.006 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

Tgt Ion:112 Resp: 626417
Ion Ratio Lower Upper
112 100
64 64.9 50.4 75.6
63 33.2 25.8 38.6

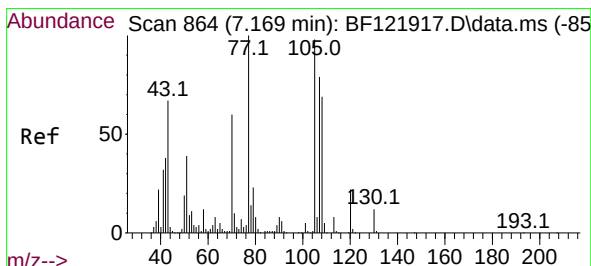
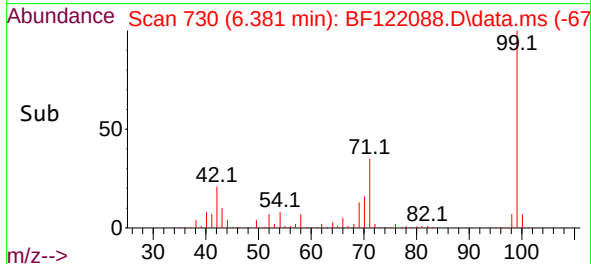
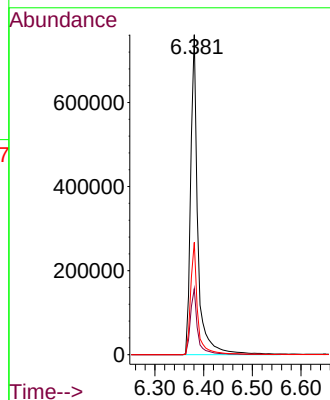
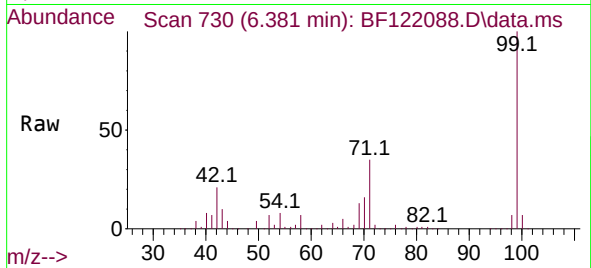




#7
Phenol-d6
Concen: 84.47 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

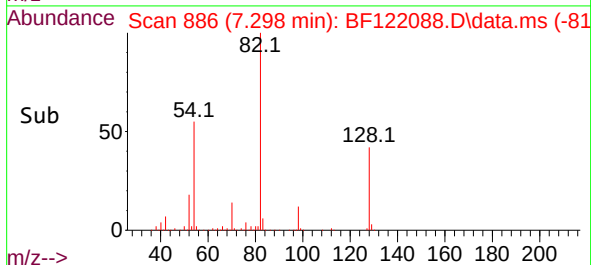
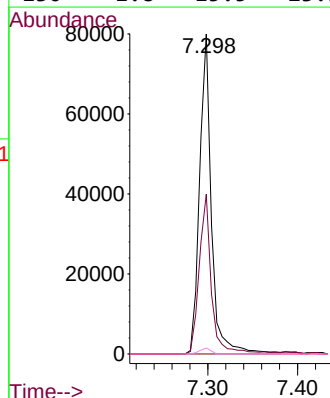
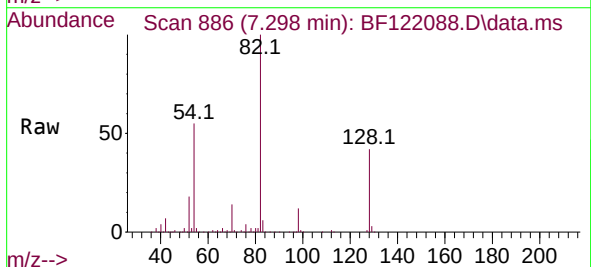
Instrument :
BNA_F
ClientSampled :
33B

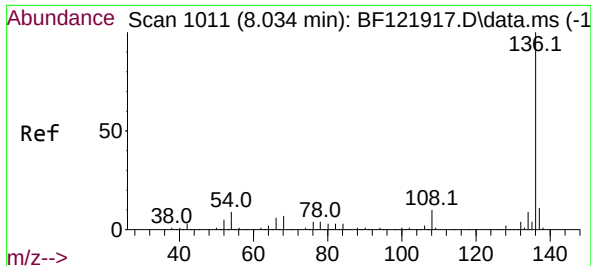
Tgt Ion: 99 Resp: 782715
Ion Ratio Lower Upper
99 100
42 20.6 15.9 23.9
71 35.1 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.88 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

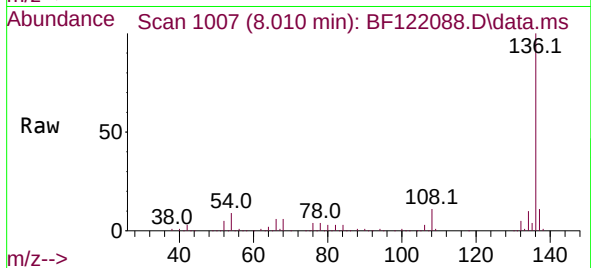
Tgt Ion: 70 Resp: 73239
Ion Ratio Lower Upper
70 100
42 49.9 50.2 75.4#
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#



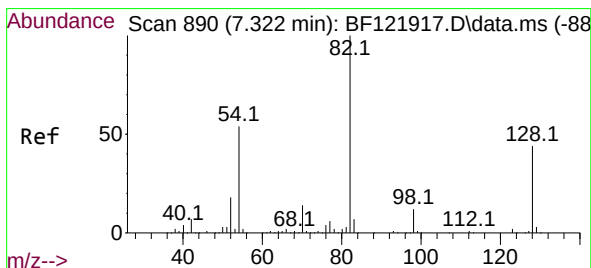
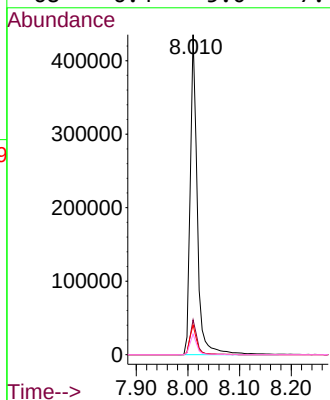
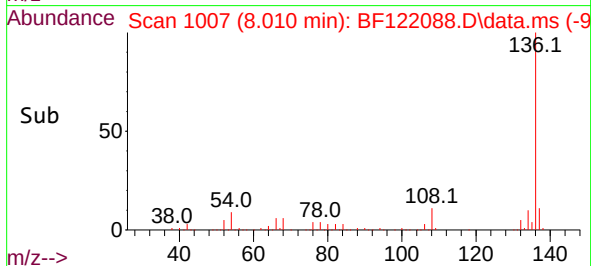


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

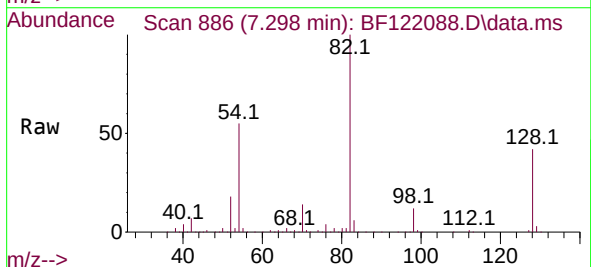
Instrument :
BNA_F
ClientSampled :
33B



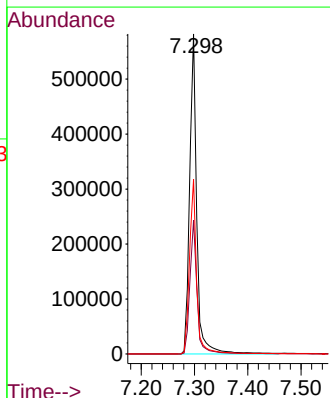
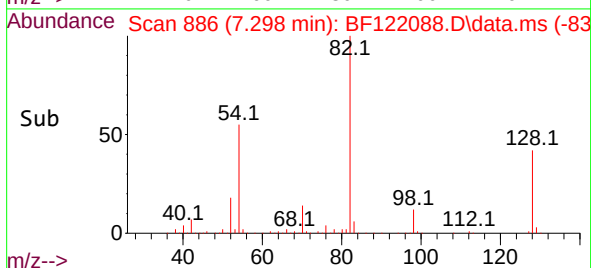
Tgt Ion:136 Resp: 414824
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.3 7.1 10.7
68 6.4 5.0 7.4

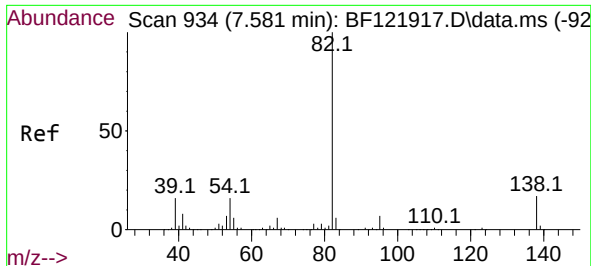


#23
Nitrobenzene-d5
Concen: 67.00 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31



Tgt Ion: 82 Resp: 541931
Ion Ratio Lower Upper
82 100
128 41.8 35.0 52.4
54 54.6 43.9 65.9

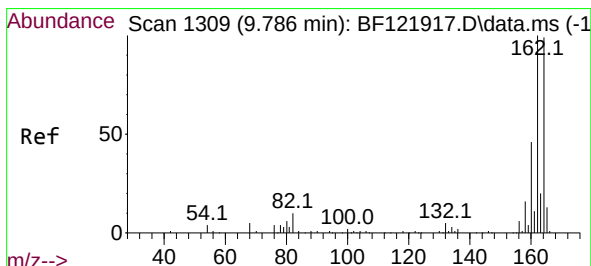
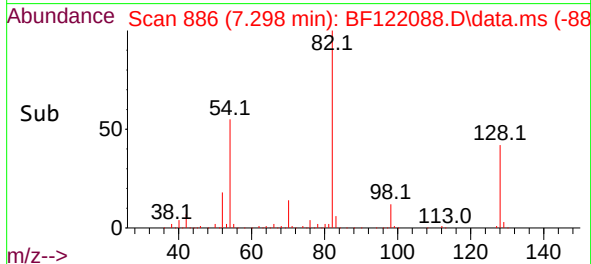
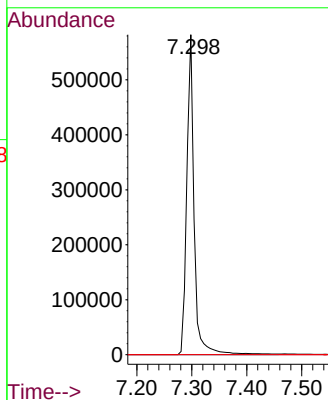
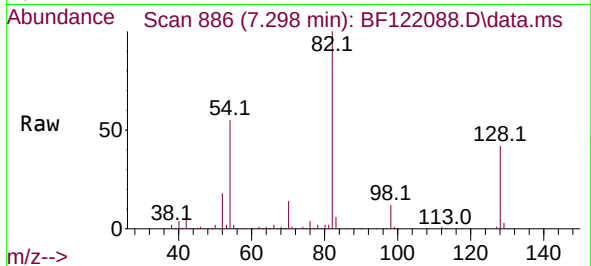




#25
Isophorone
Concen: 35.43 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.265 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

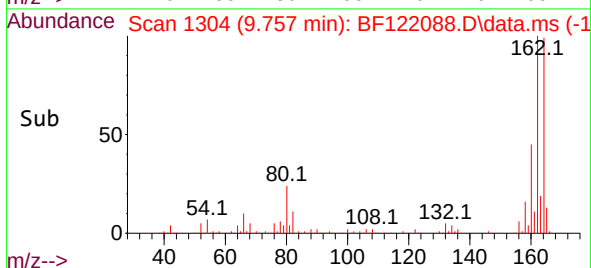
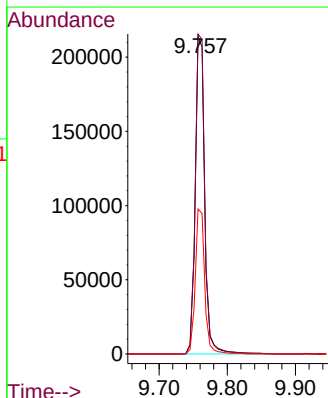
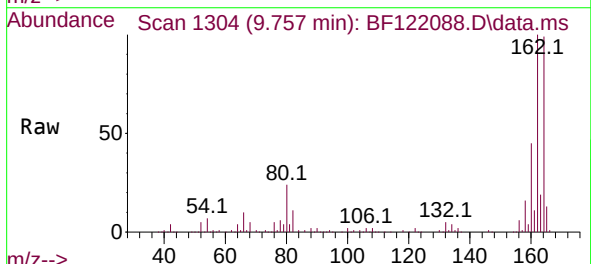
Instrument :
BNA_F
ClientSampleId :
33B

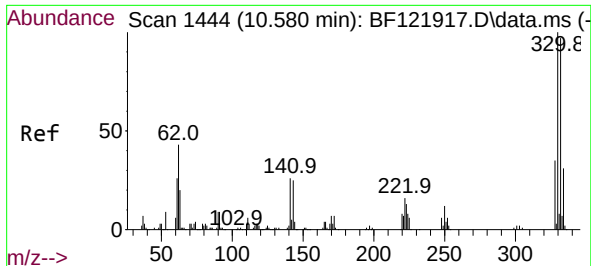
Tgt Ion: 82 Resp: 541928
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

Tgt Ion: 164 Resp: 204767
Ion Ratio Lower Upper
164 100
162 101.0 83.2 124.8
160 45.8 37.5 56.3

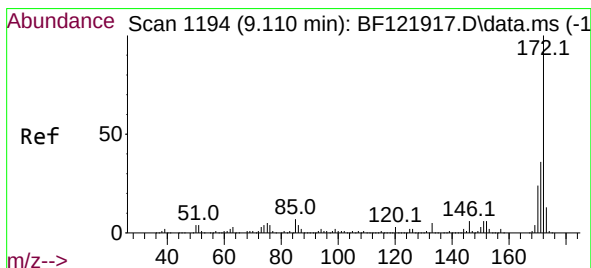
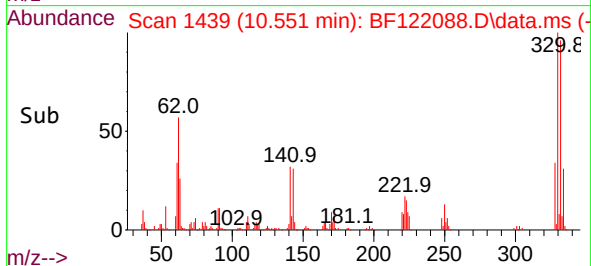
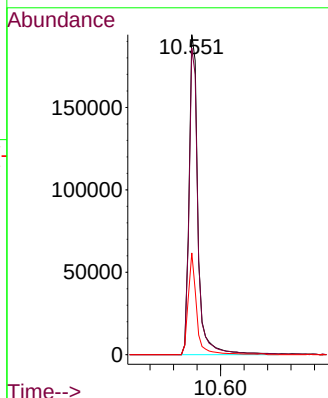
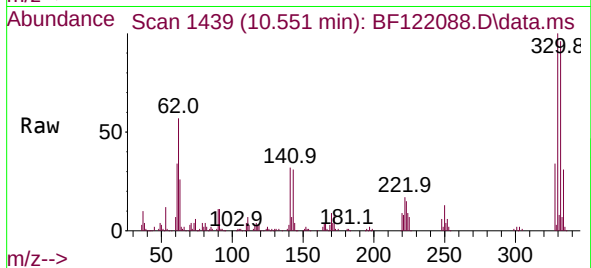




#42
2,4,6-Tribromophenol
Concen: 80.70 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

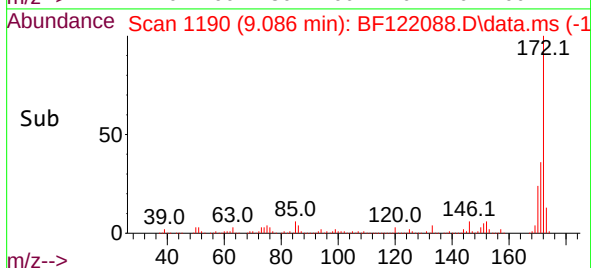
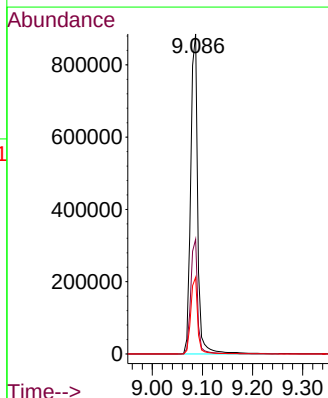
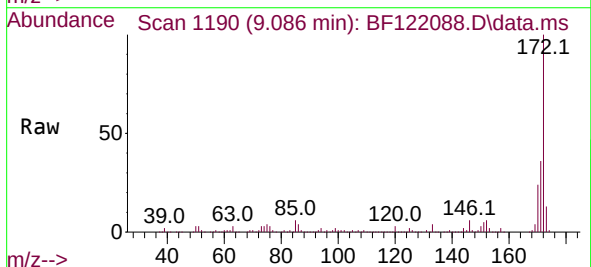
Instrument :
BNA_F
ClientSampleId :
33B

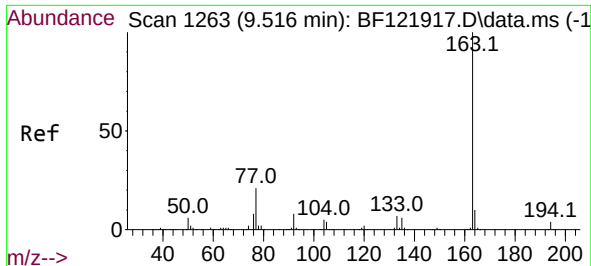
Tgt Ion:330 Resp: 204422
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 29.9 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 62.31 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

Tgt Ion:172 Resp: 867121
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 23.9 19.8 29.6

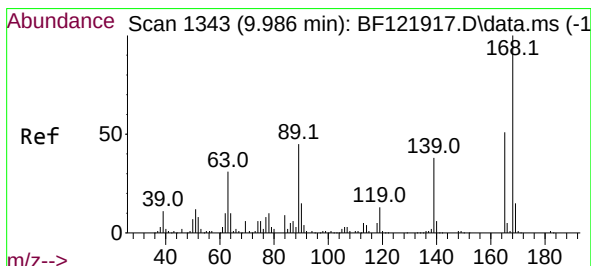
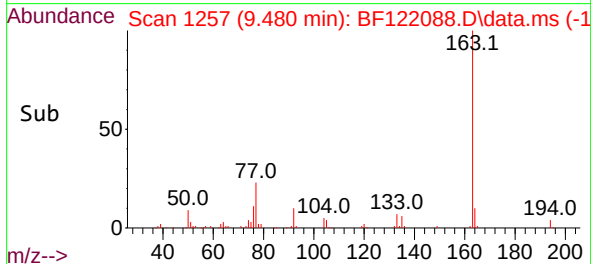
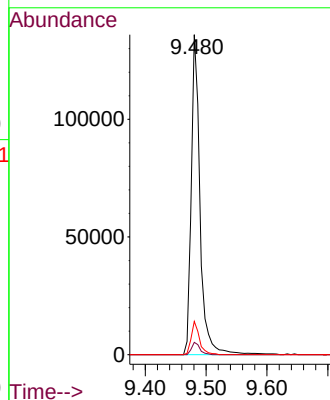
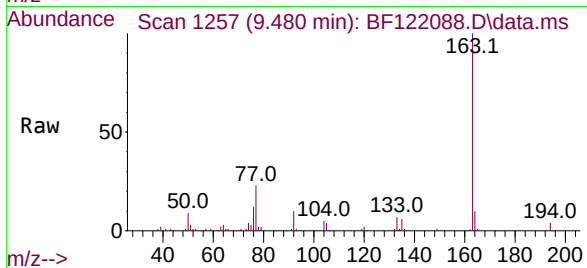




#50
Dimethylphthalate
Concen: 9.14 ng
RT: 9.480 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

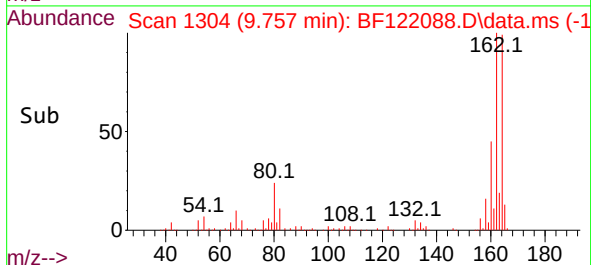
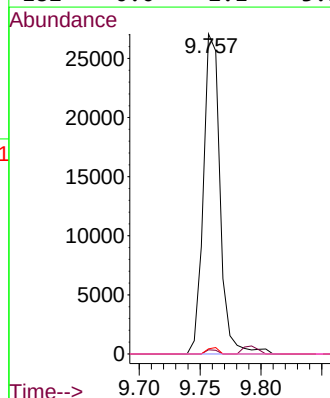
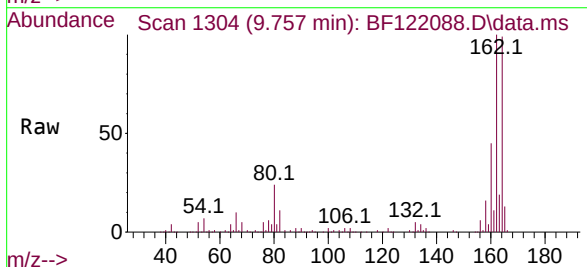
Instrument :
BNA_F
ClientSampled :
33B

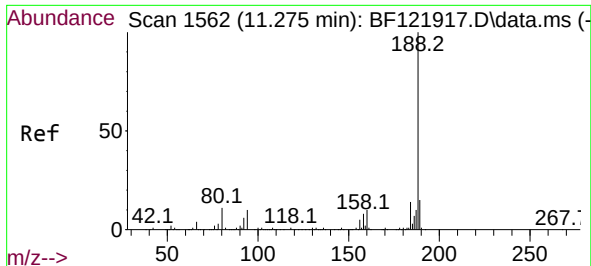
Tgt Ion:163 Resp: 136894
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.4 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.218 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

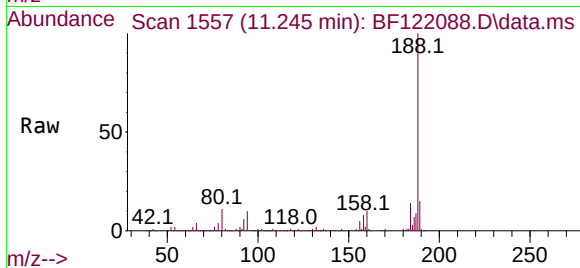
Tgt Ion:165 Resp: 25833
Ion Ratio Lower Upper
165 100
63 1.3 41.3 61.9#
89 1.6 61.8 92.8#
182 0.0 2.1 3.1#



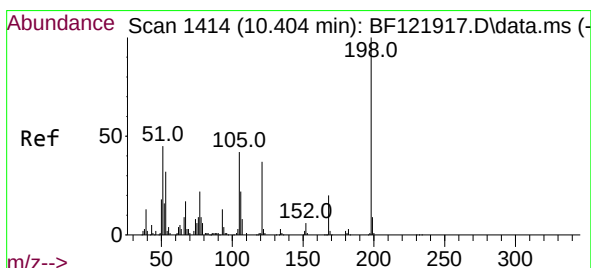
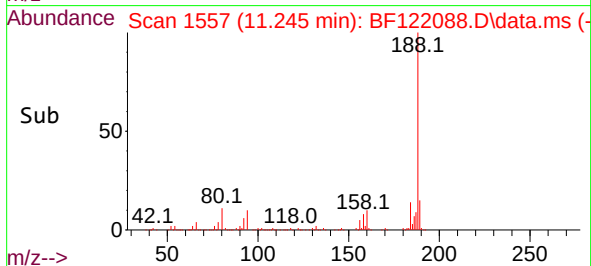
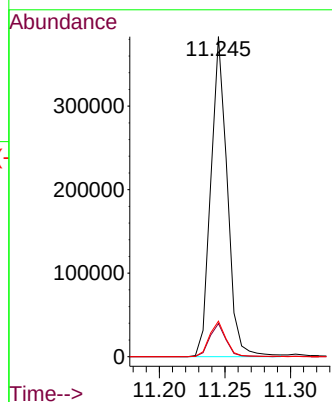


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

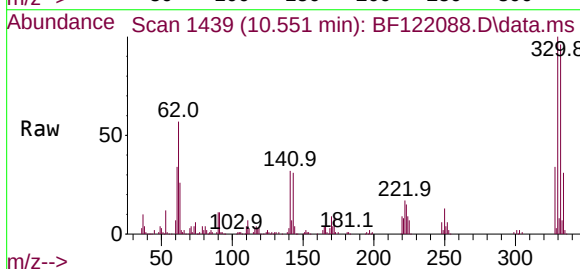
Instrument :
BNA_F
ClientSampled :
33B



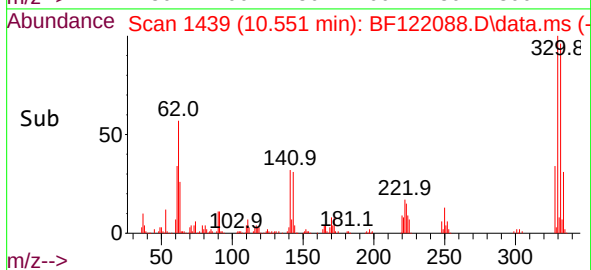
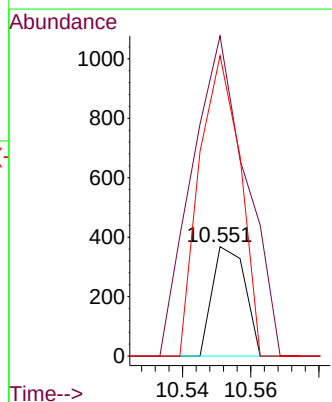
Tgt Ion:188 Resp: 334211
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.1 9.1 13.7

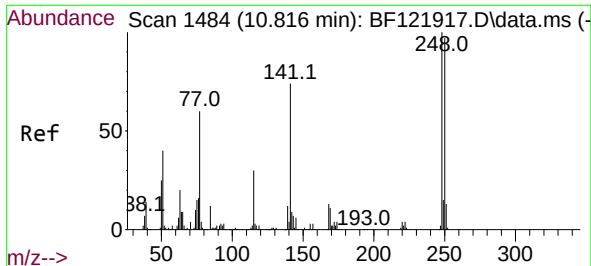


#65
4,6-Dinitro-2-methylphenol
Concen: 4.53 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.165 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31



Tgt Ion:198 Resp: 246
Ion Ratio Lower Upper
198 100
51 292.7 29.6 69.6#
105 274.7 24.4 64.4#

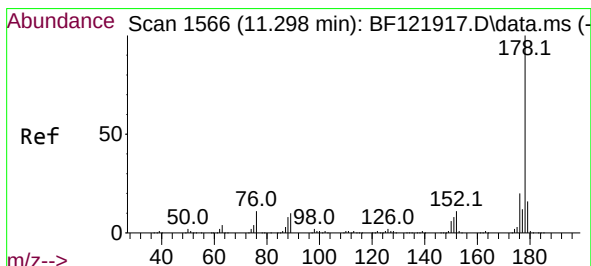
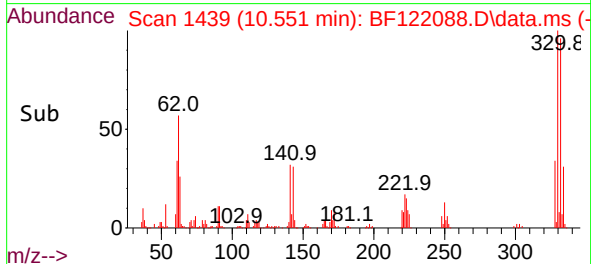
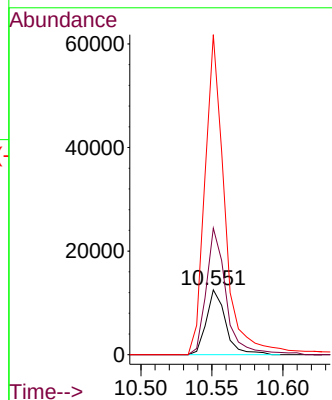
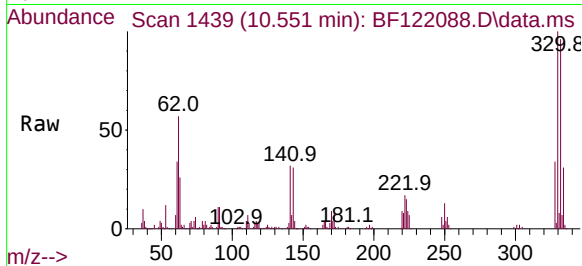




#67
4-Bromophenyl-phenylether
Concen: 3.07 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.241 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

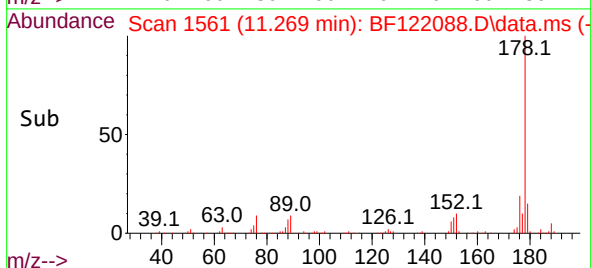
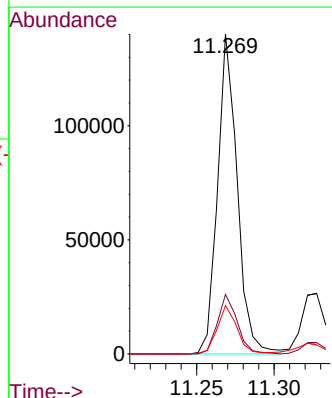
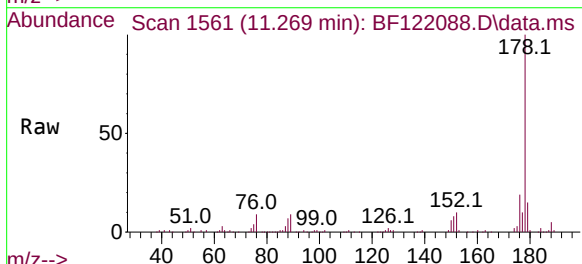
Instrument :
BNA_F
ClientSampled :
33B

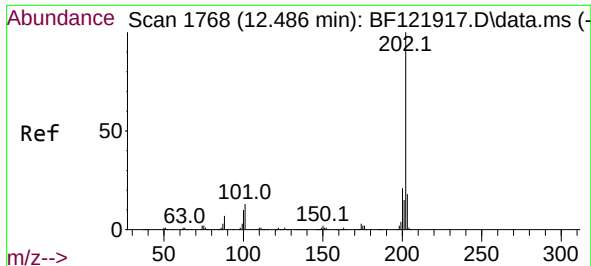
Tgt Ion:248 Resp: 11847
Ion Ratio Lower Upper
248 100
250 195.2 77.0 115.6#
141 493.5 53.7 80.5#



#71
Phenanthrene
Concen: 6.75 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

Tgt Ion:178 Resp: 123656
Ion Ratio Lower Upper
178 100
176 18.6 15.9 23.9
179 15.1 12.2 18.4

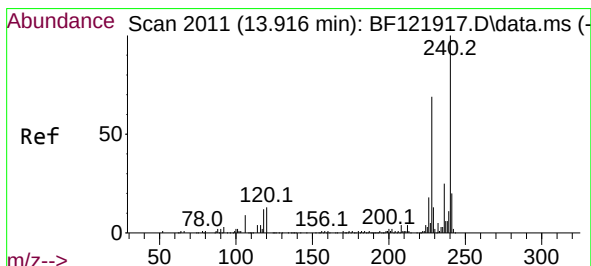
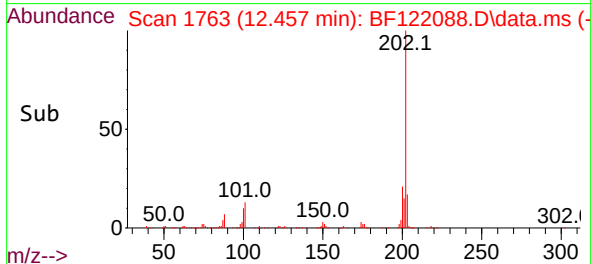
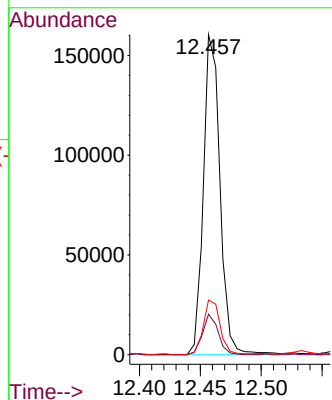
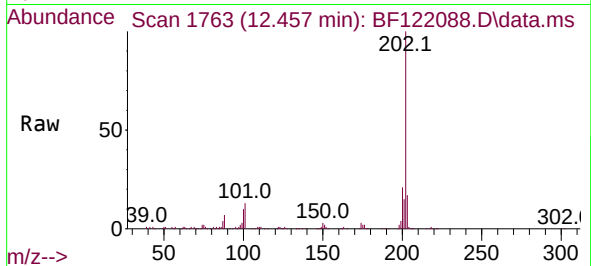




#75
Fluoranthene
Concen: 7.73 ng
RT: 12.457 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

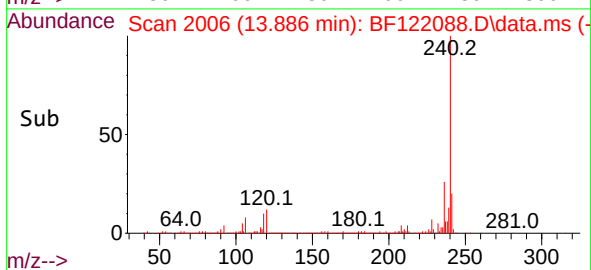
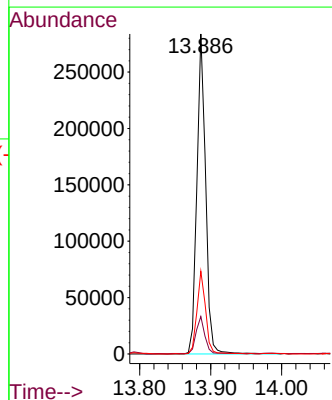
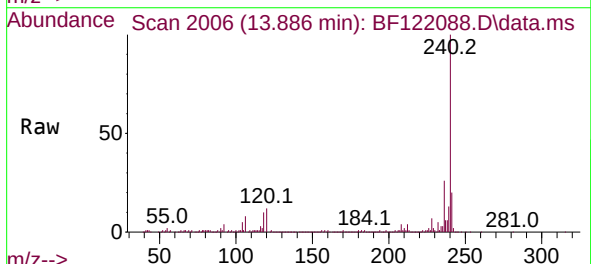
Instrument :
BNA_F
ClientSampled :
33B

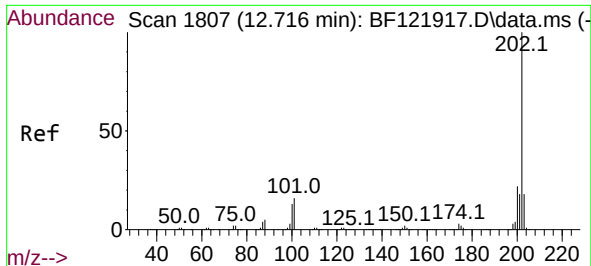
Tgt Ion:202 Resp: 151910
Ion Ratio Lower Upper
202 100
101 12.7 0.0 33.4
203 17.0 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

Tgt Ion:240 Resp: 244516
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 25.8 20.9 31.3

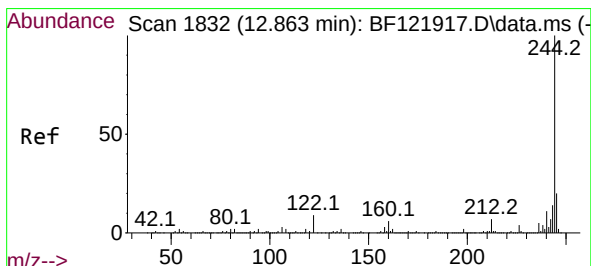
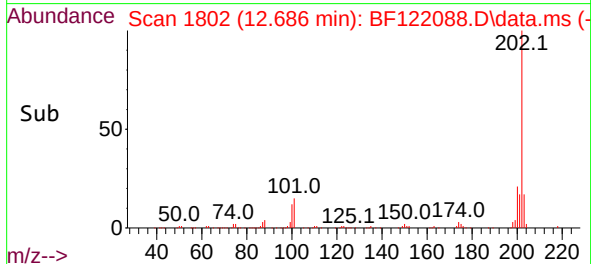
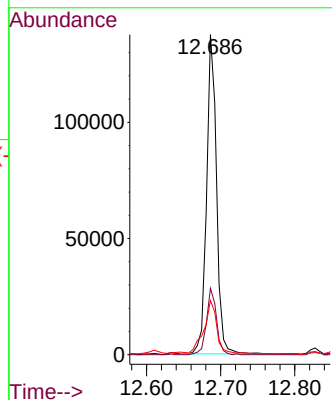
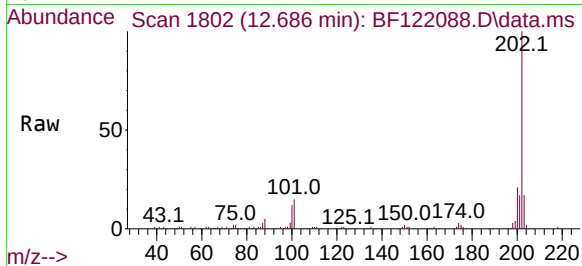




#78
Pyrene
Concen: 6.88 ng
RT: 12.686 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

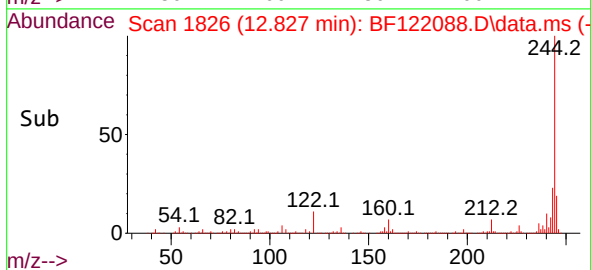
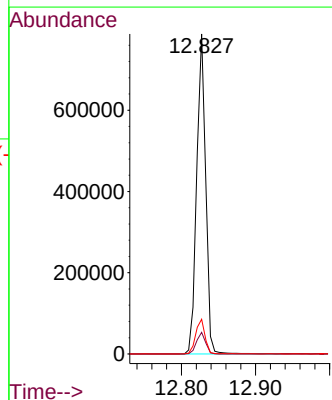
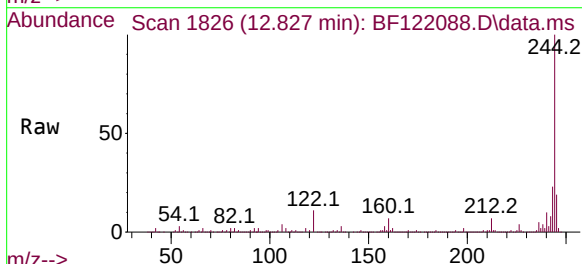
Instrument :
BNA_F
ClientSampled :
33B

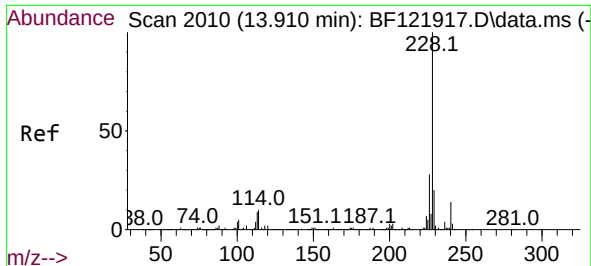
Tgt Ion:202 Resp: 128155
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.2
203 16.9 14.6 21.8



#79
Terphenyl-d14
Concen: 51.75 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

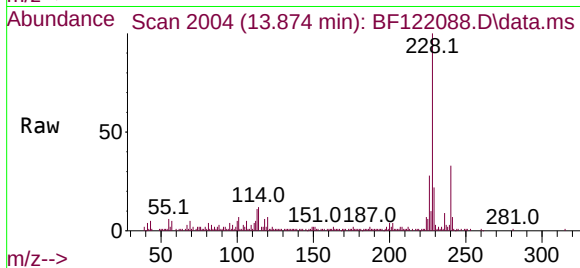
Tgt Ion:244 Resp: 663914
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.9 8.1 12.1



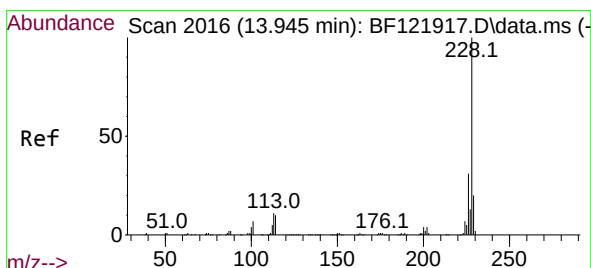
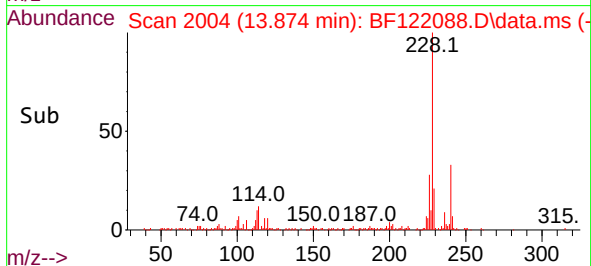
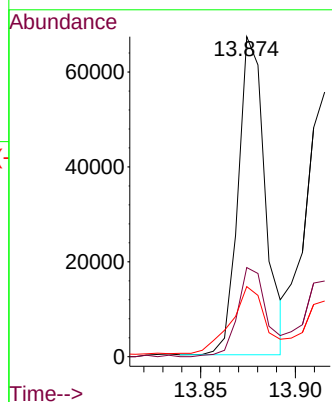


#81
Benzo(a)anthracene
Concen: 4.16 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

Instrument :
BNA_F
ClientSampled :
33B

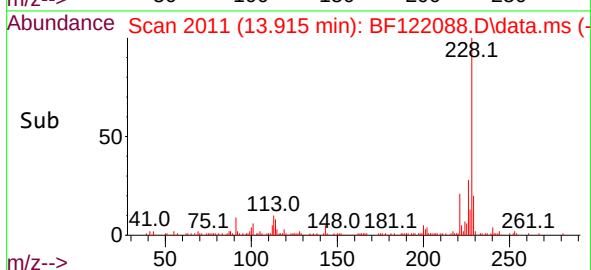
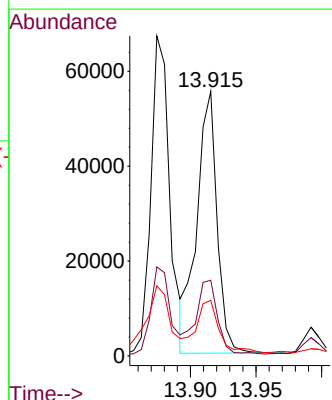
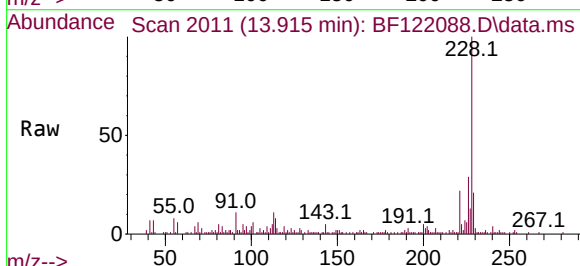


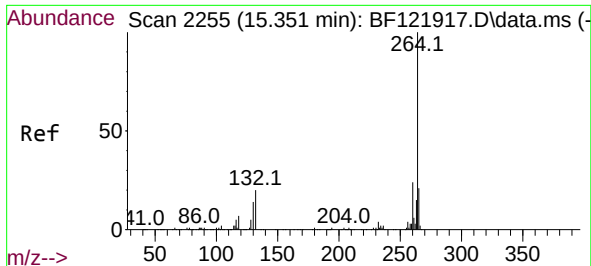
Tgt Ion:228 Resp: 66614
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 21.9 16.2 24.4



#83
Chrysene
Concen: 3.79 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

Tgt Ion:228 Resp: 59605
Ion Ratio Lower Upper
228 100
226 28.6 24.6 37.0
229 21.1 15.9 23.9

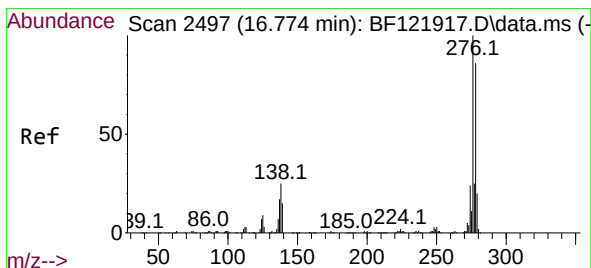
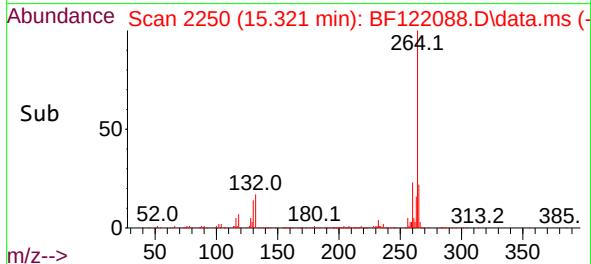
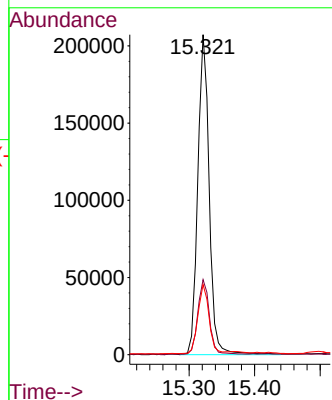
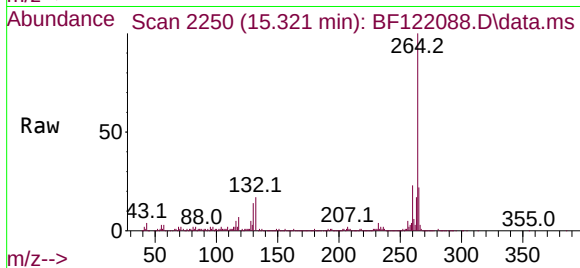




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.006 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

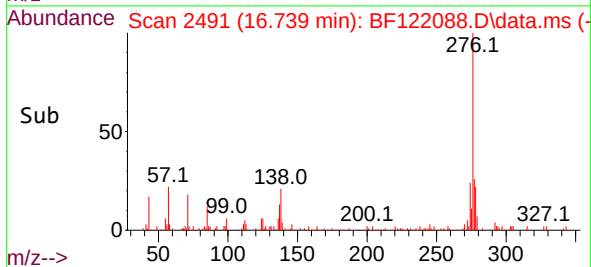
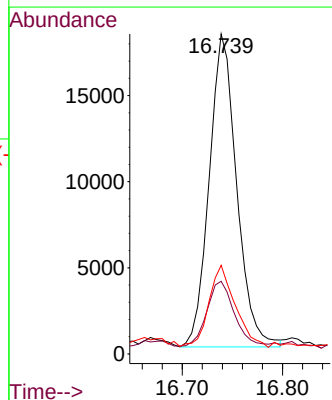
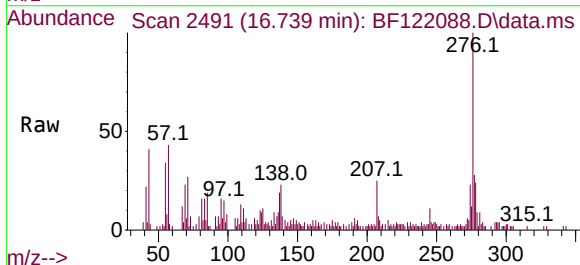
Instrument :
BNA_F
ClientSampled :
33B

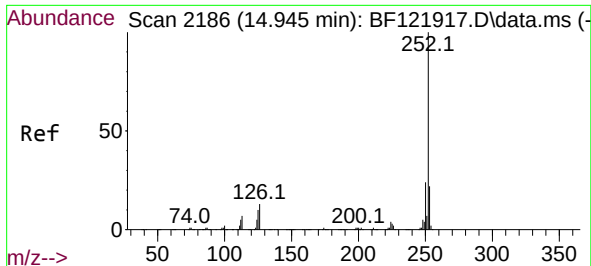
Tgt Ion:264 Resp: 251709
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.9 17.3 25.9



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.12 ng
RT: 16.739 min Scan# 2491
Delta R.T. 0.012 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

Tgt Ion:276 Resp: 34690
Ion Ratio Lower Upper
276 100
138 20.4 19.9 29.9
277 25.2 20.4 30.6

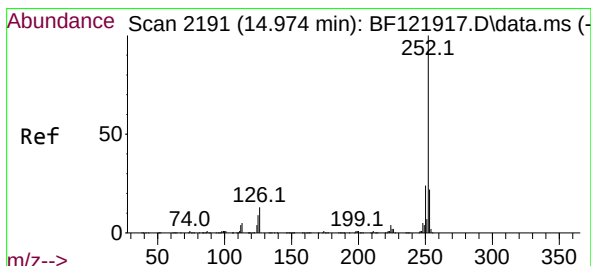
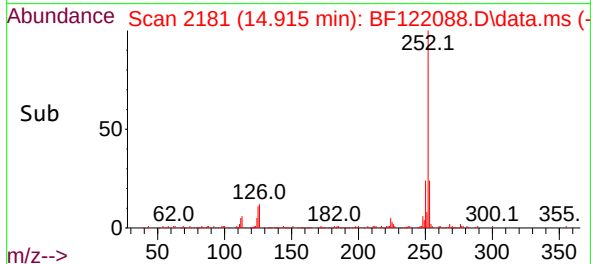
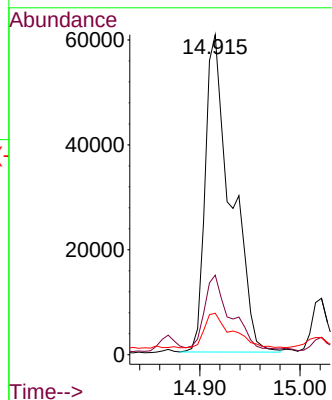
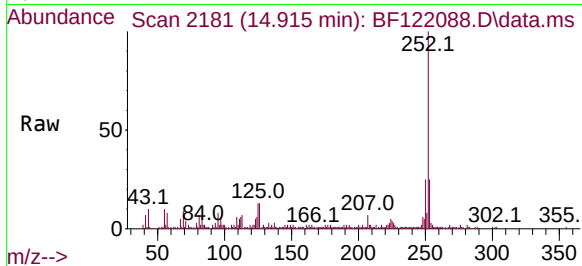




#88
Benzo(b)fluoranthene
Concen: 6.37 ng
RT: 14.915 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

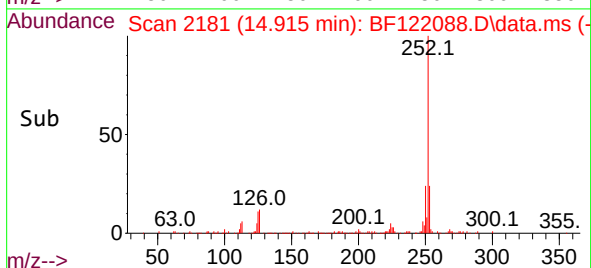
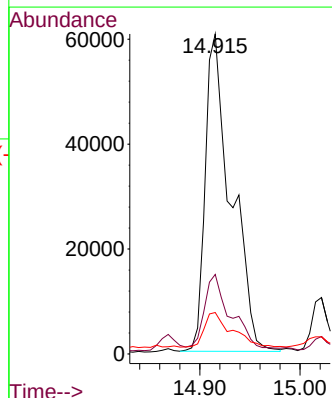
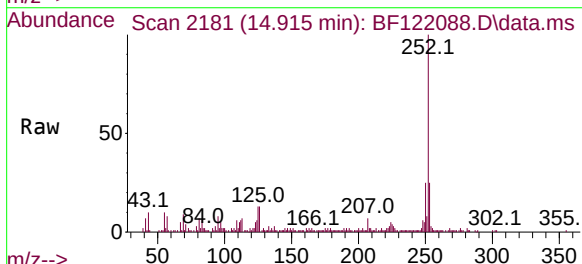
Instrument :
BNA_F
ClientSampled :
33B

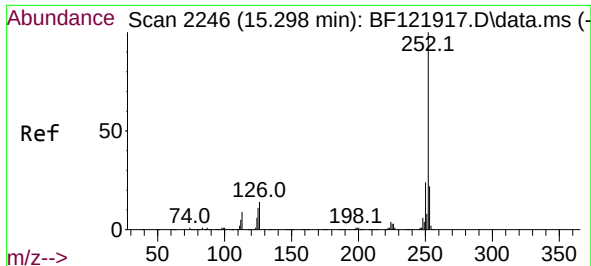
Tgt Ion:252 Resp: 108361
Ion Ratio Lower Upper
252 100
253 24.8 18.2 27.2
125 12.9 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 6.70 ng
RT: 14.915 min Scan# 2181
Delta R.T. -0.018 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

Tgt Ion:252 Resp: 108361
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.6
125 12.9 7.7 11.5#

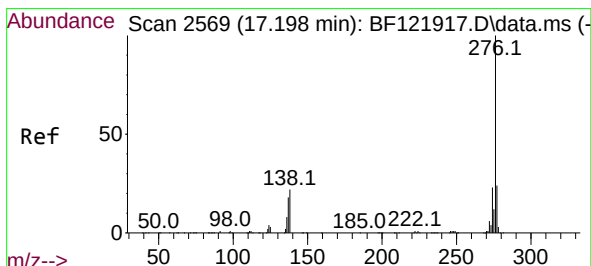
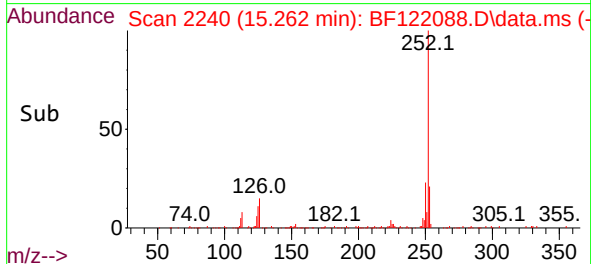
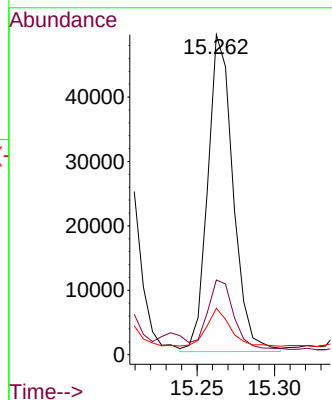
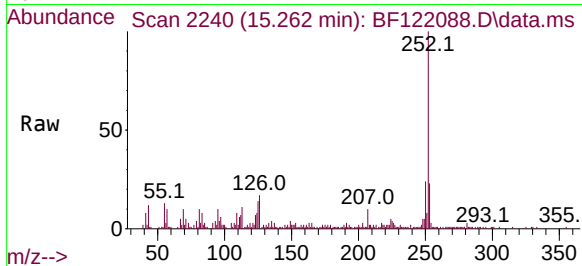




#90
Benzo(a)pyrene
Concen: 3.81 ng
RT: 15.262 min Scan# 2240
Delta R.T. 0.006 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

Instrument :
BNA_F
ClientSampled :
33B

Tgt Ion:252 Resp: 56019
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 14.5 8.6 13.0#



#92
Benzo(g,h,i)perylene
Concen: 2.42 ng
RT: 17.162 min Scan# 2563
Delta R.T. 0.023 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

Tgt Ion:276 Resp: 32616
Ion Ratio Lower Upper
276 100
277 27.8 19.4 29.2
138 21.7 17.8 26.6

