

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
 Data File : BF122754.D
 Acq On : 16 Dec 2020 17:16
 Operator : JU/CG
 Sample : L5093-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-12142020

Quant Time: Dec 17 01:13:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

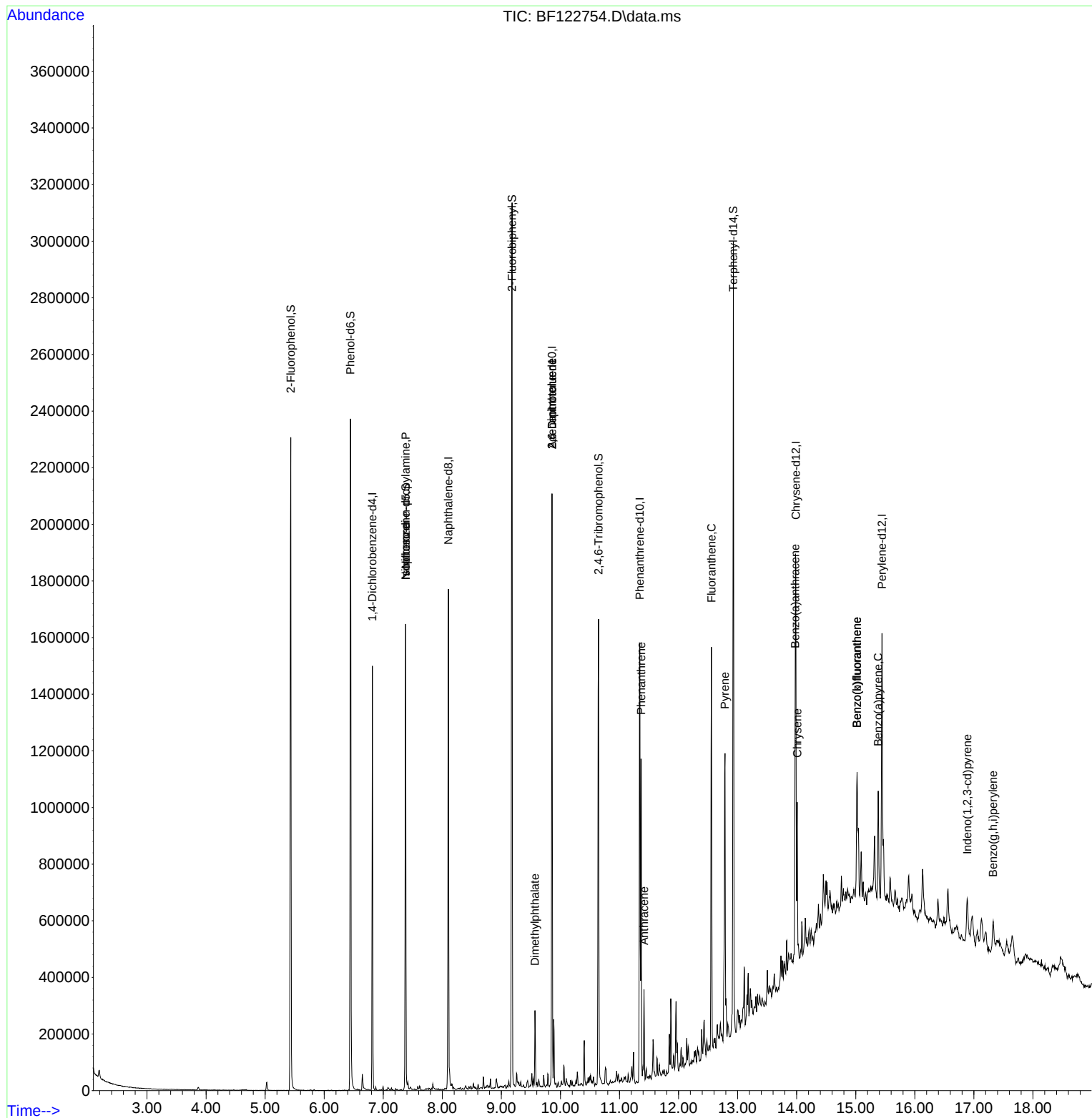
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	210732	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	788976	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	386470	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	618545	20.00	ng	0.00
76) Chrysene-d12	13.986	240	456354	20.00	ng	0.00
86) Perylene-d12	15.445	264	450686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	674664	50.69	ng	0.00
7) Phenol-d6	6.445	99	850258	48.16	ng	-0.01
23) Nitrobenzene-d5	7.380	82	524487	33.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	215799	42.66	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	983782	34.43	ng	0.00
79) Terphenyl-d14	12.927	244	828337	31.77	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.380	70	68149	6.74	ng	# 76
25) Isophorone	7.380	82	524484	19.34	ng	# 65
50) Dimethylphthalate	9.569	163	94336	3.06	ng	99
51) 2,6-Dinitrotoluene	9.857	165	51588	7.91	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	51588	5.94	ng	# 25
71) Phenanthrene	11.368	178	440455	11.98	ng	98
72) Anthracene	11.416	178	112450	3.08	ng	97
75) Fluoranthene	12.557	202	536729	13.92	ng	98
78) Pyrene	12.786	202	445065	12.61	ng	98
81) Benzo(a)anthracene	13.974	228	234721	7.70	ng	100
83) Chrysene	14.009	228	217818	7.18	ng	97
87) Indeno(1,2,3-cd)pyrene	16.886	276	94799	3.20	ng	95
88) Benzo(b)fluoranthene	15.021	252	338237	10.70	ng	# 96
89) Benzo(k)fluoranthene	15.021	252	338237	11.70	ng	96
90) Benzo(a)pyrene	15.380	252	172331	6.23	ng	# 93
92) Benzo(g,h,i)perylene	17.327	276	83703	3.57	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122754.D
Acq On : 16 Dec 2020 17:16
Operator : JU/CG
Sample : L5093-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

Quant Time: Dec 17 01:13:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

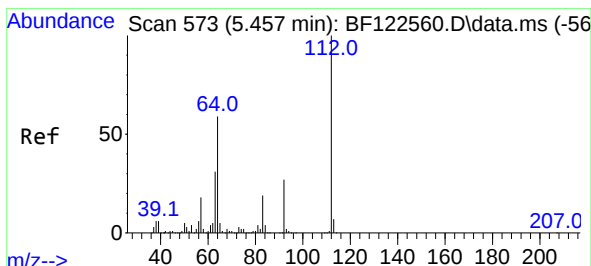
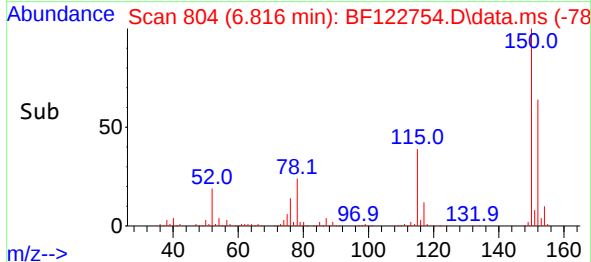
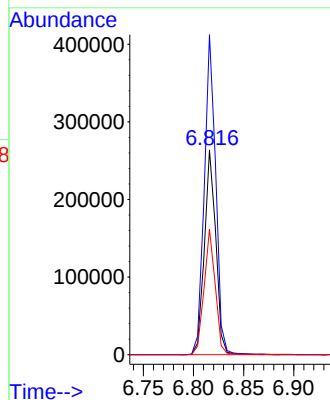
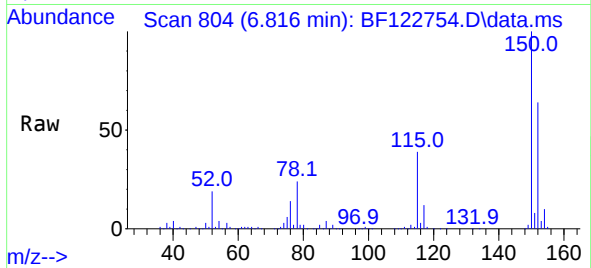




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

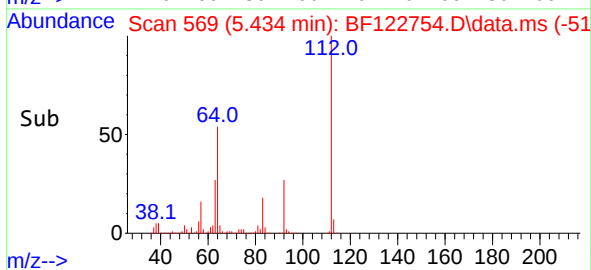
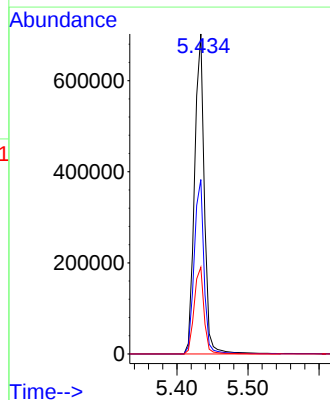
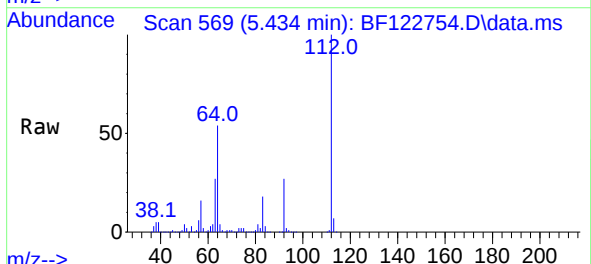
Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

Tgt Ion:152 Resp: 210732
Ion Ratio Lower Upper
152 100
150 156.3 125.8 188.6
115 61.3 49.3 73.9



#5
2-Fluorophenol
Concen: 50.69 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

Tgt Ion:112 Resp: 674664
Ion Ratio Lower Upper
112 100
64 54.5 46.9 70.3
63 27.1 24.5 36.7



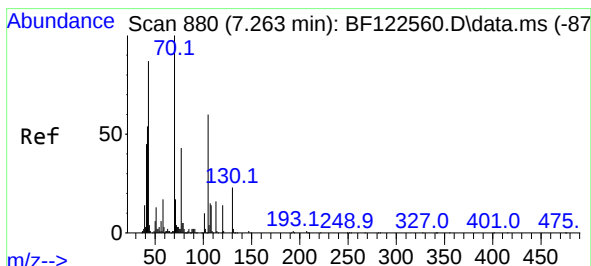
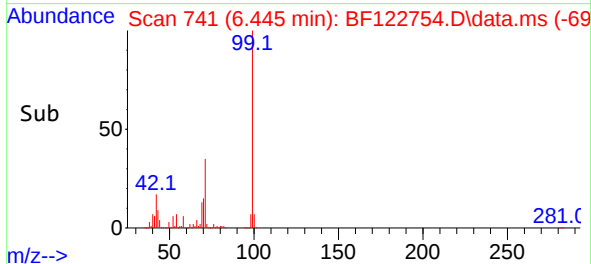
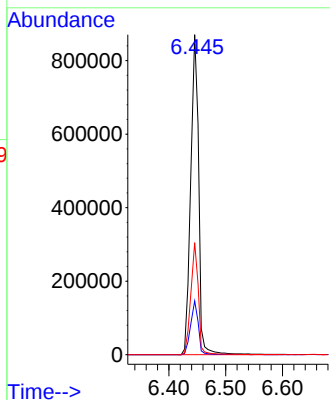
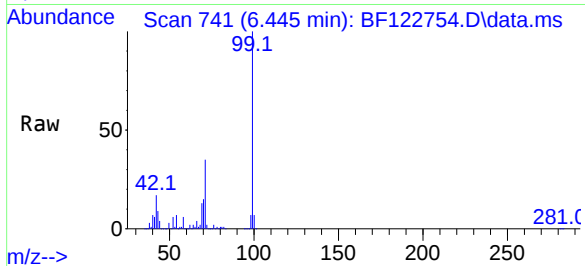


#7
Phenol-d6
Concen: 48.16 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

Tgt Ion: 99 Resp: 850258

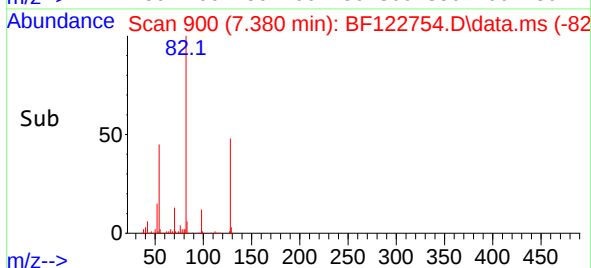
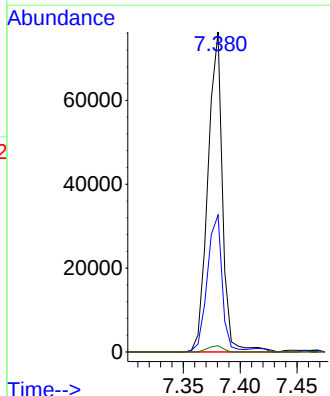
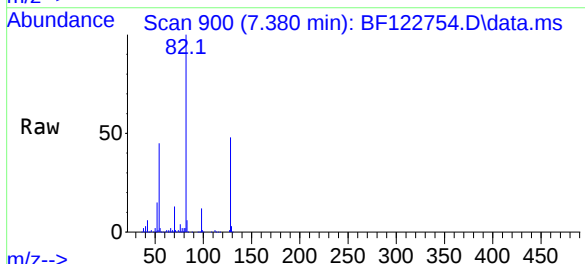
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.6
71	35.0	26.9	40.3



#19
n-Nitroso-di-n-propylamine
Concen: 6.74 ng
RT: 7.380 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

Tgt Ion: 70 Resp: 68149

Ion	Ratio	Lower	Upper
70	100		
42	42.8	43.0	64.4#
101	0.0	7.9	11.9#
130	1.9	18.5	27.7#



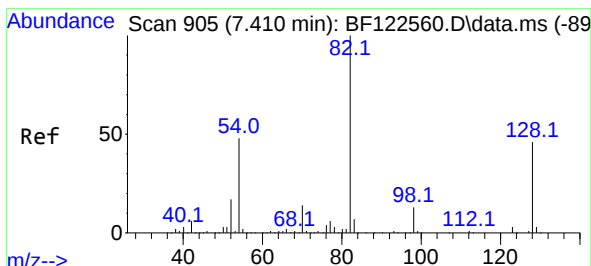
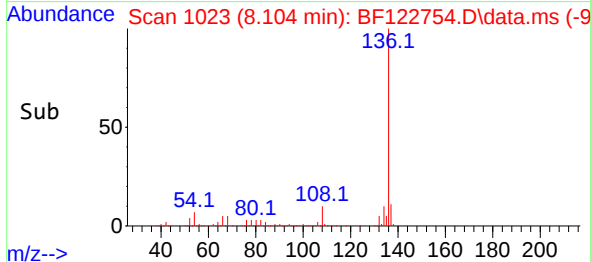
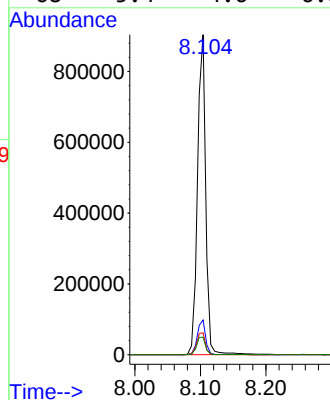
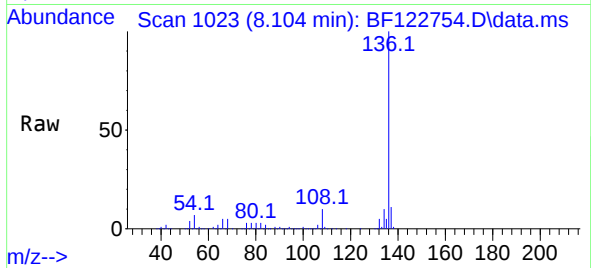


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

Tgt Ion:136 Resp: 788976

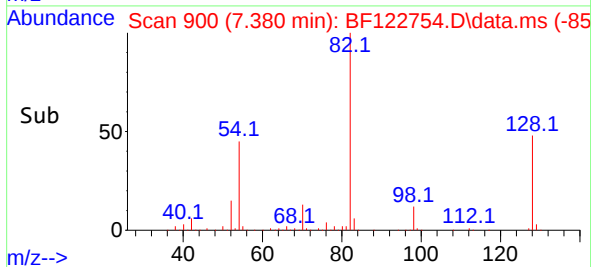
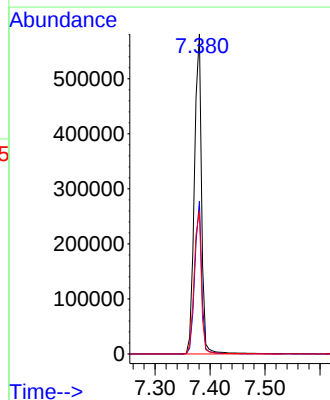
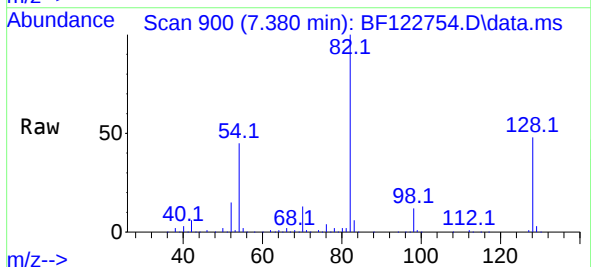
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.9	5.5	8.3
68	5.4	4.6	6.8

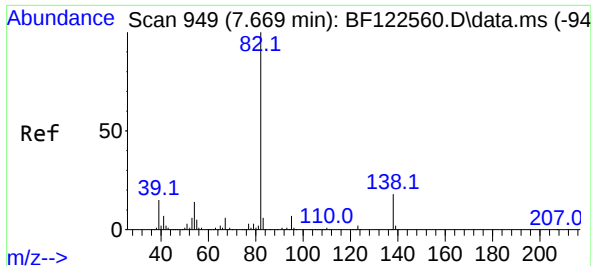


#23
Nitrobenzene-d5
Concen: 33.31 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

Tgt Ion: 82 Resp: 524487

Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.0	55.4
54	44.8	38.4	57.6

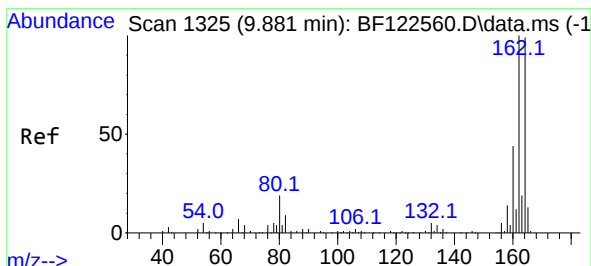
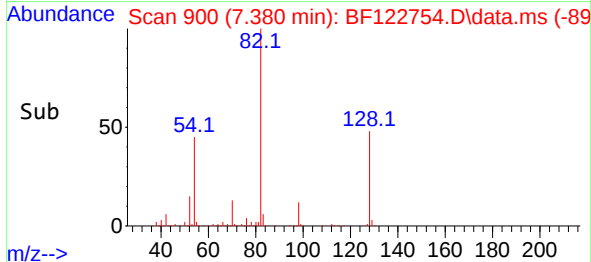
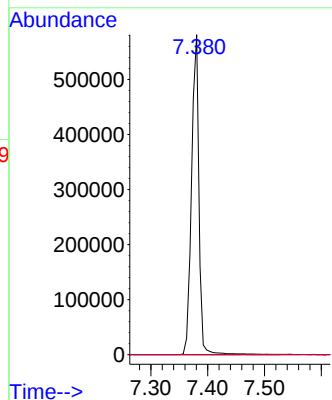
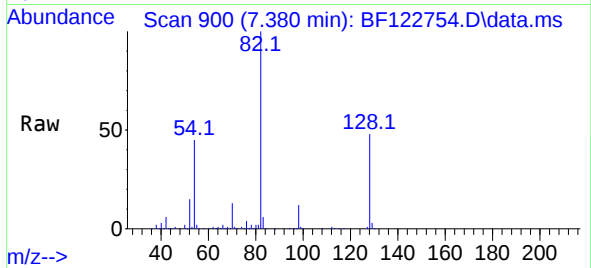




#25
Isophorone
Concen: 19.34 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

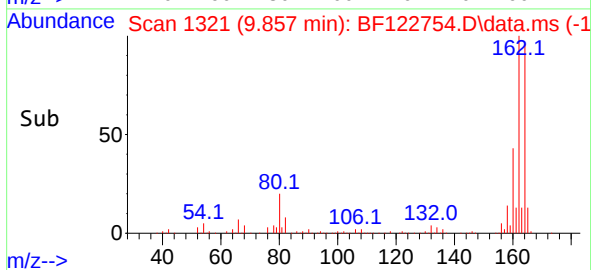
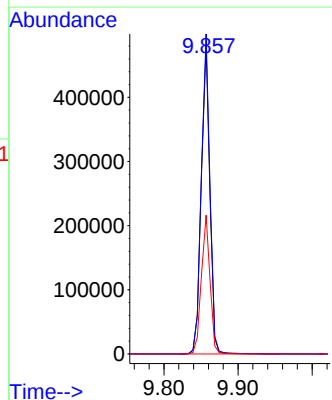
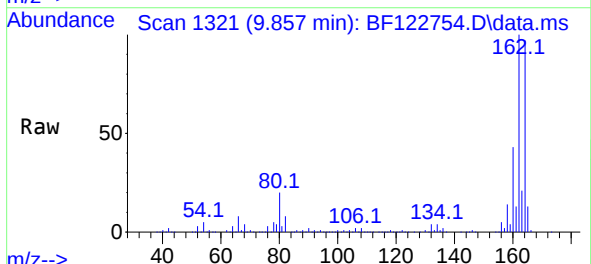
Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

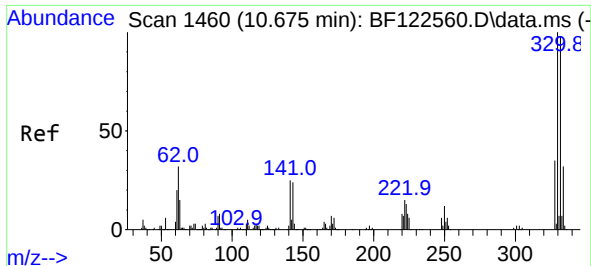
Tgt Ion: 82 Resp: 524484
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

Tgt Ion:164 Resp: 386470
Ion Ratio Lower Upper
164 100
162 103.4 80.8 121.2
160 44.8 35.4 53.0

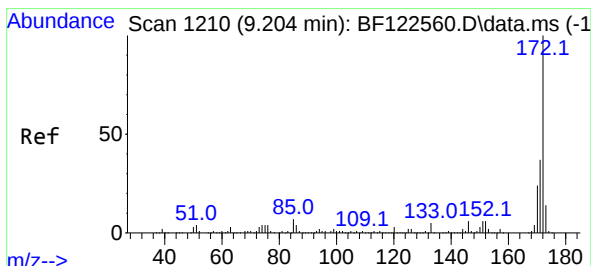
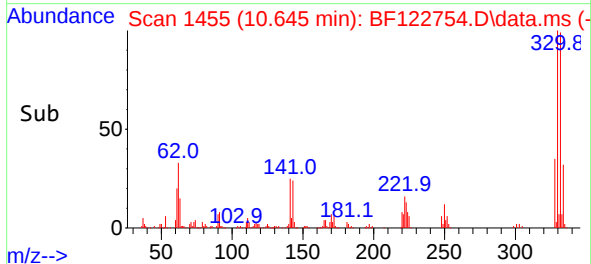
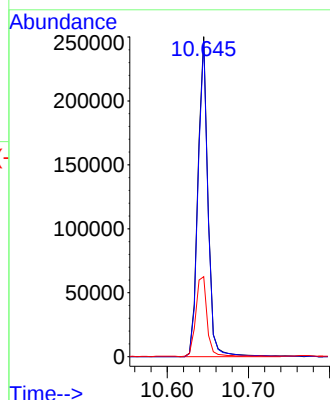
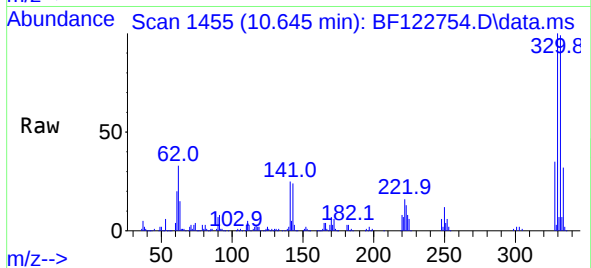




#42
2,4,6-Tribromophenol
Concen: 42.66 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

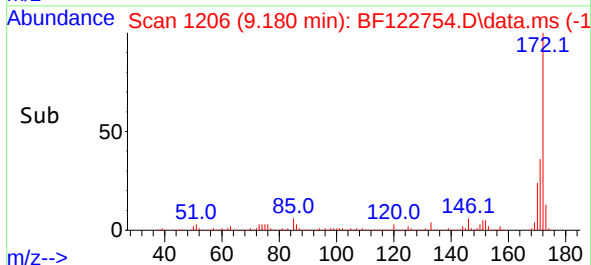
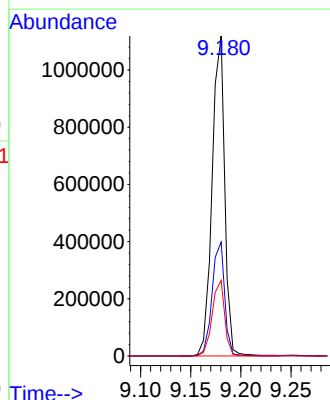
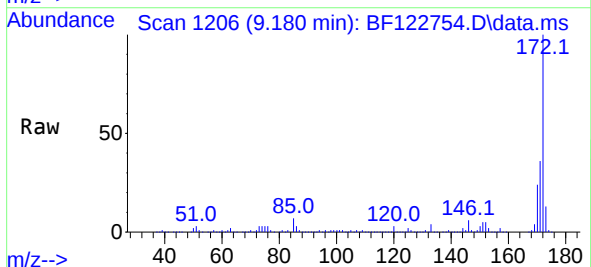
Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

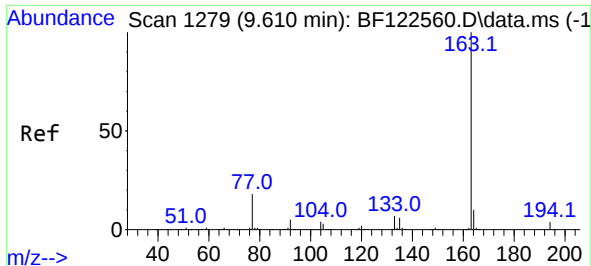
Tgt Ion: 330 Resp: 215799
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 28.7 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 34.43 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

Tgt Ion: 172 Resp: 983782
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.6 19.5 29.3

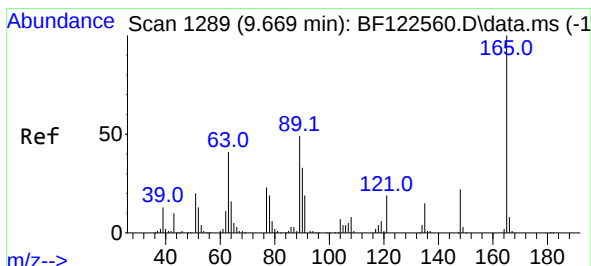
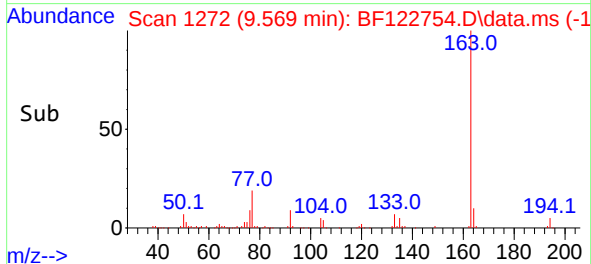
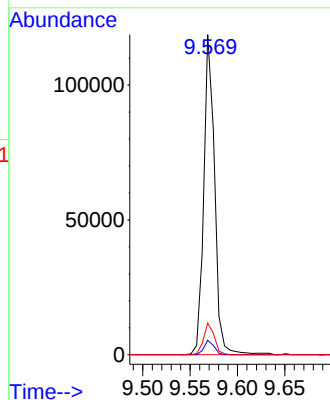
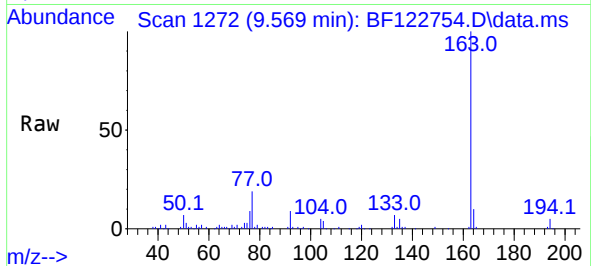




#50
Dimethylphthalate
Concen: 3.06 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

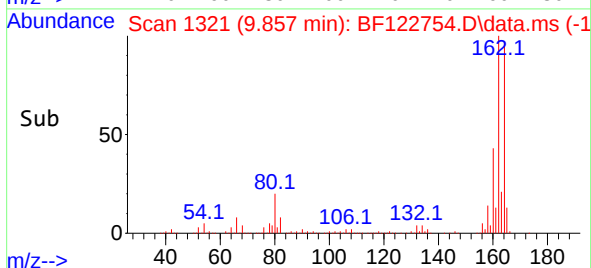
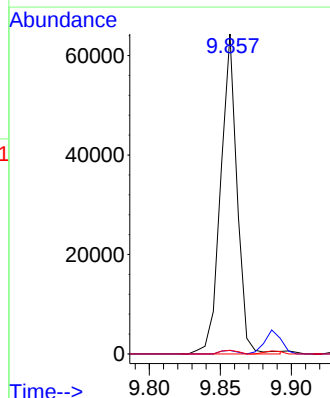
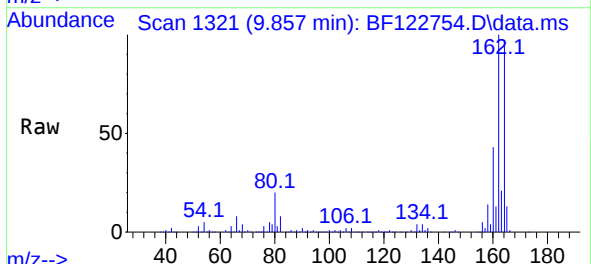
Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

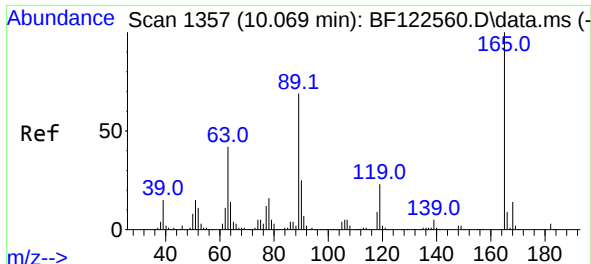
Tgt Ion:163 Resp: 94336
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 9.9 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.91 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.211 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

Tgt Ion:165 Resp: 51588
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.2 39.4 59.0#

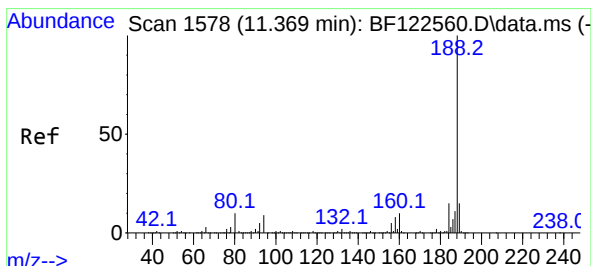
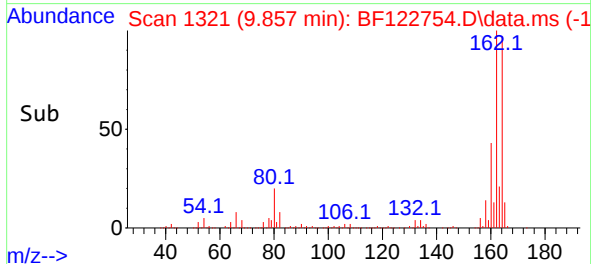
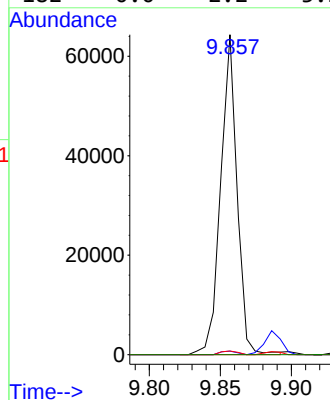
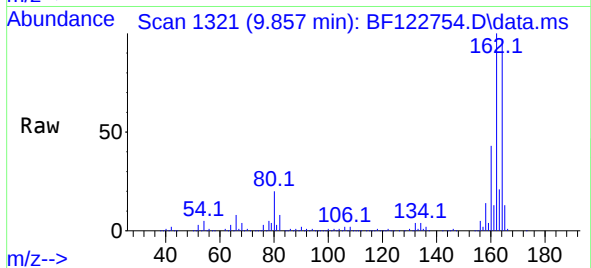




#57
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

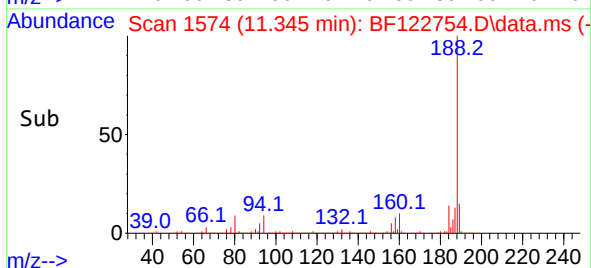
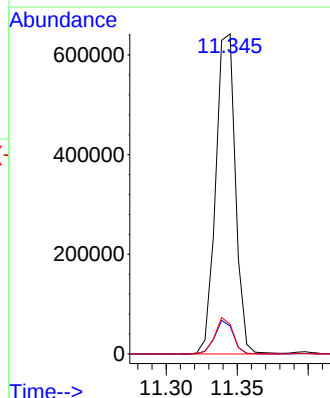
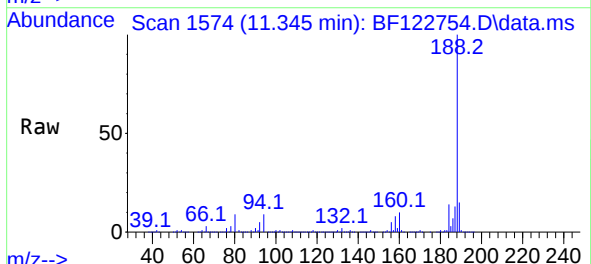
Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

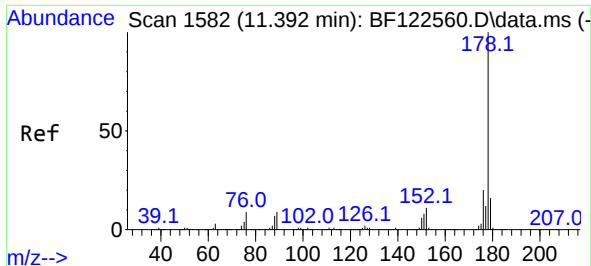
Tgt Ion:165	Resp:	51588
Ion Ratio	Lower	Upper
165	100	
63	1.1	34.3 51.5#
89	1.2	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

Tgt Ion:188	Resp:	618545
Ion Ratio	Lower	Upper
188	100	
94	8.7	7.4 11.2
80	9.3	8.2 12.4

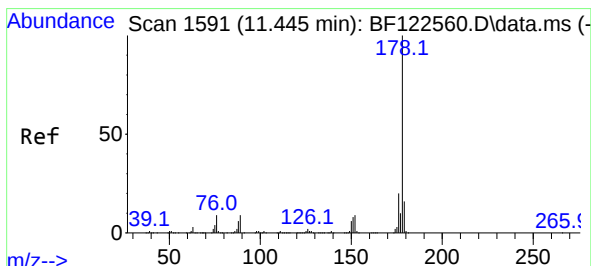
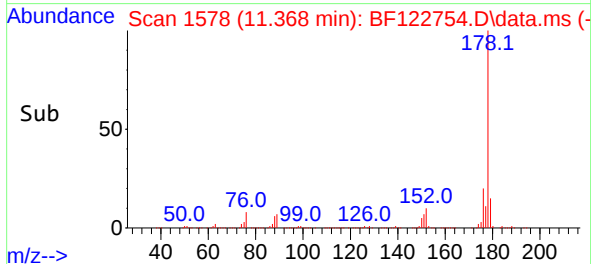
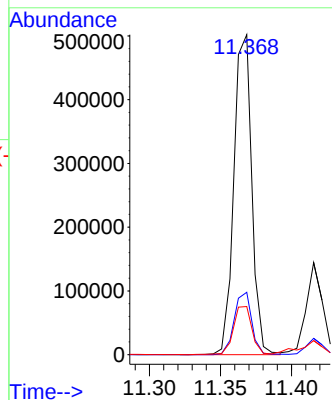
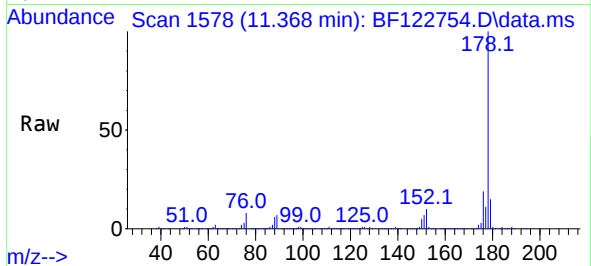




#71
Phenanthrene
Concen: 11.98 ng
RT: 11.368 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

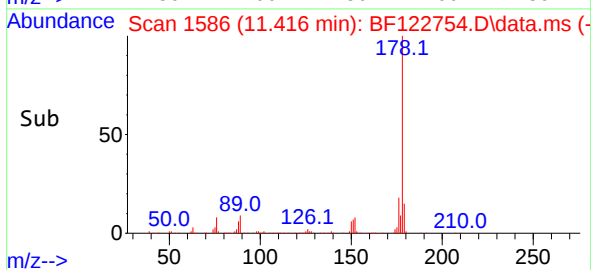
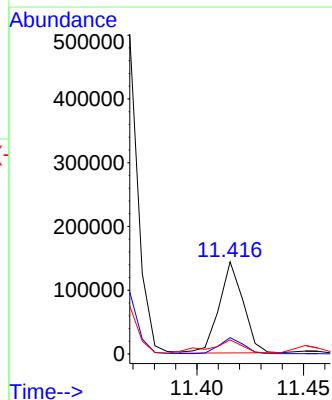
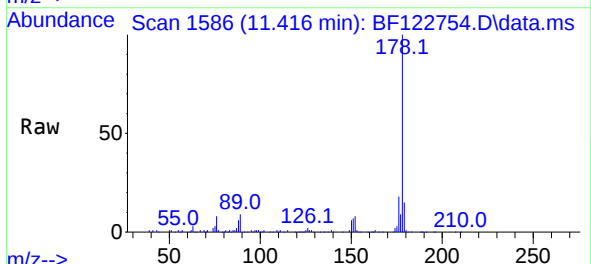
Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

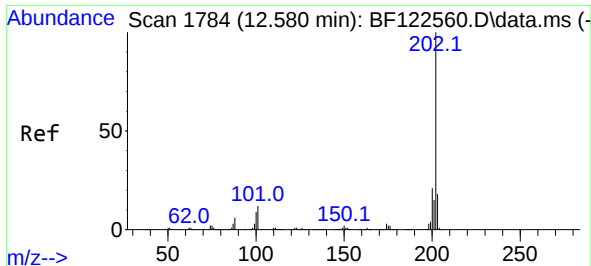
Tgt Ion:178 Resp: 440455
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.2
179 15.1 12.7 19.1



#72
Anthracene
Concen: 3.08 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

Tgt Ion:178 Resp: 112450
Ion Ratio Lower Upper
178 100
176 17.7 15.6 23.4
179 15.3 12.8 19.2

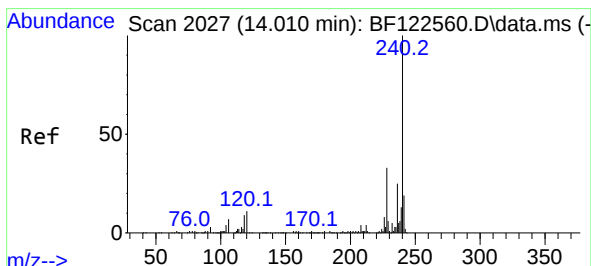
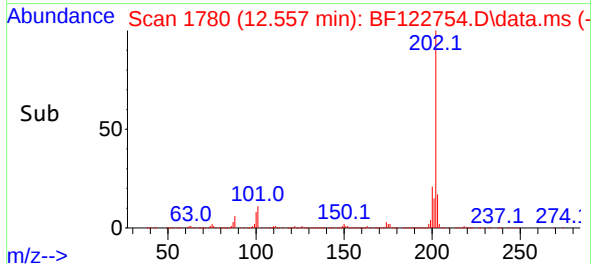
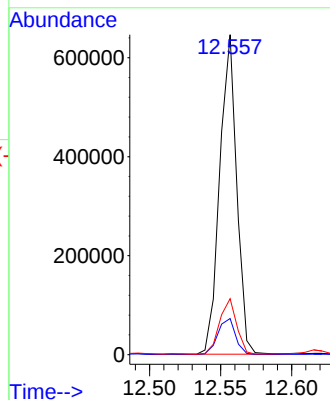
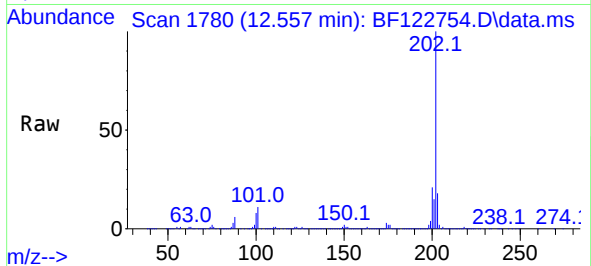




#75
Fluoranthene
Concen: 13.92 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

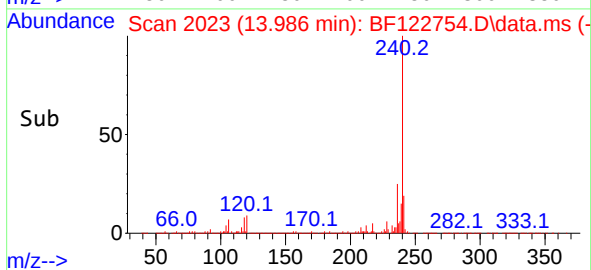
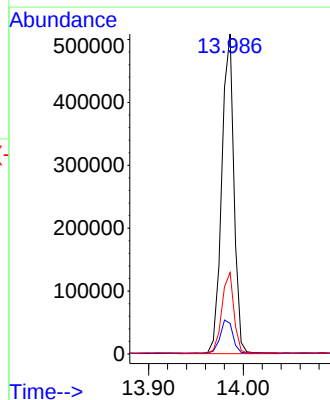
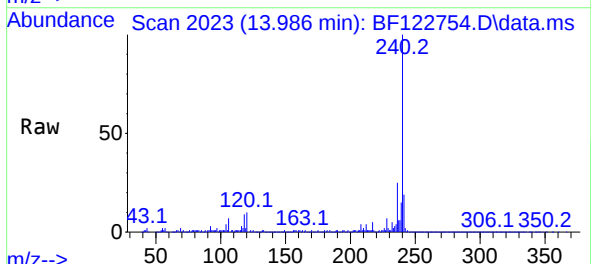
Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

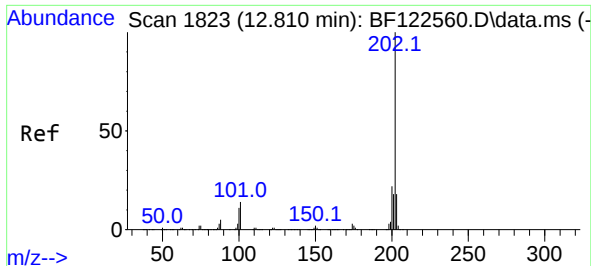
Tgt Ion:	202	Resp:	536729
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.2
203	17.5	0.0	38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

Tgt Ion:	240	Resp:	456354
Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.6	12.8
236	25.5	20.3	30.5



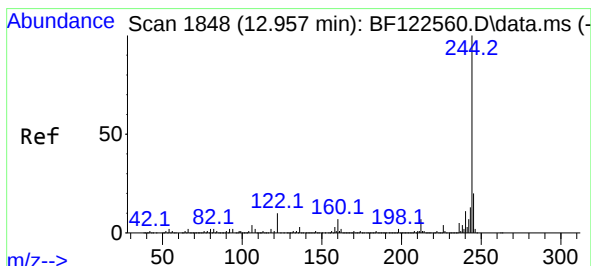
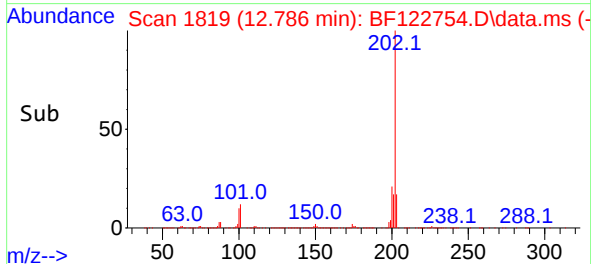
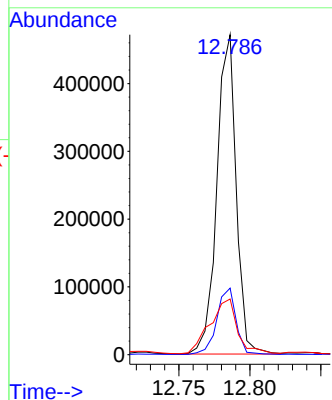
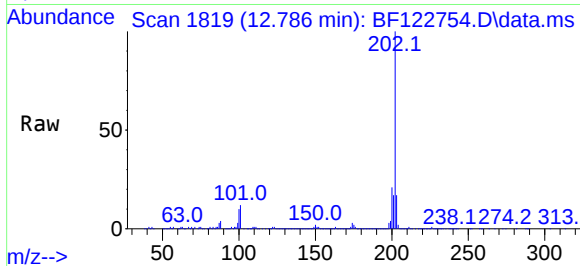


#78
Pyrene
Concen: 12.61 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

Tgt Ion:202 Resp: 445065

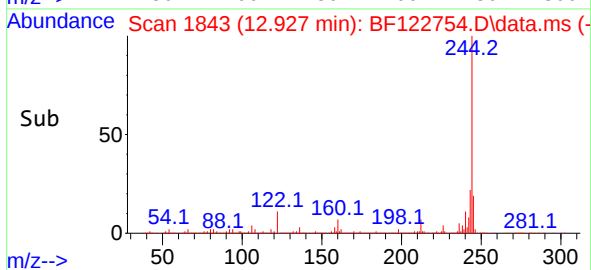
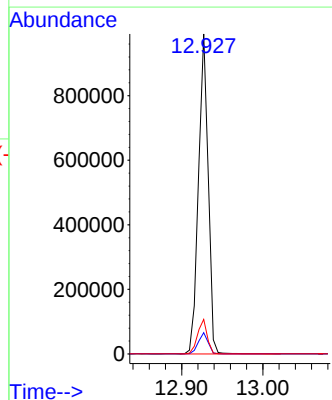
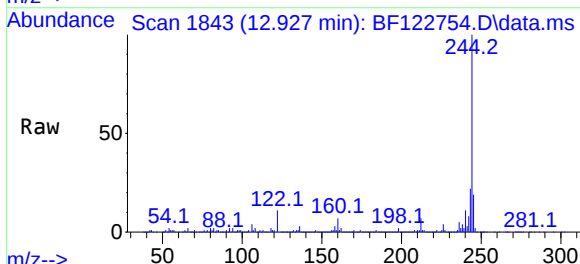
Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	17.4	14.6	21.8

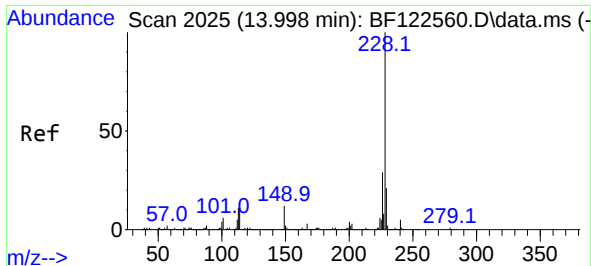


#79
Terphenyl-d14
Concen: 31.77 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

Tgt Ion:244 Resp: 828337

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	10.8	8.3	12.5

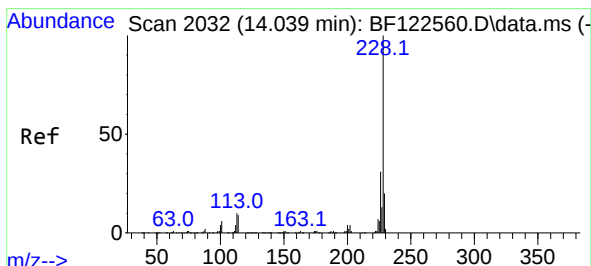
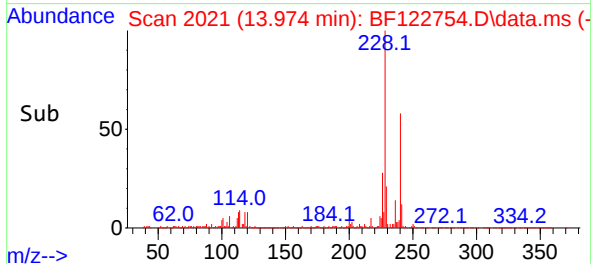
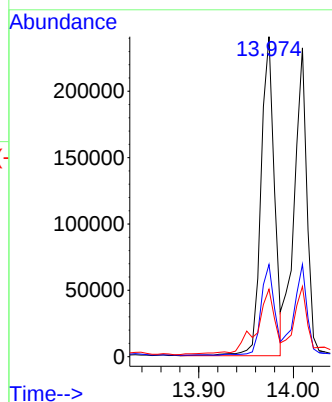
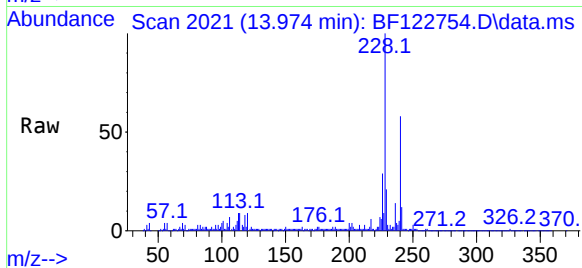




#81
Benzo(a)anthracene
Concen: 7.70 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

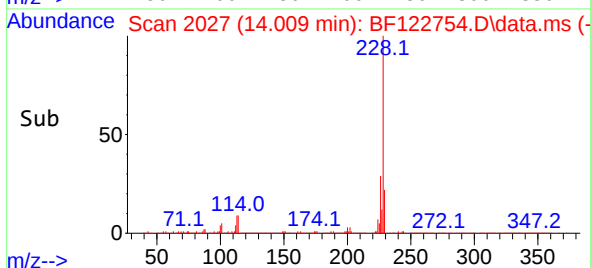
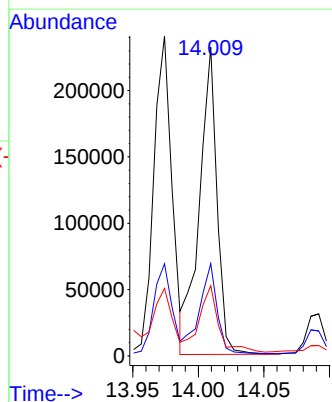
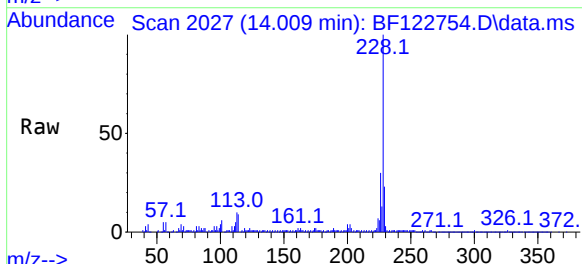
Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

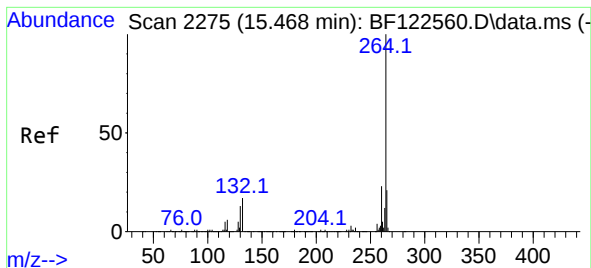
Tgt Ion:228 Resp: 234721
Ion Ratio Lower Upper
228 100
226 28.8 23.0 34.4
229 21.1 16.6 24.8



#83
Chrysene
Concen: 7.18 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

Tgt Ion:228 Resp: 217818
Ion Ratio Lower Upper
228 100
226 29.9 24.6 36.8
229 22.7 15.8 23.6



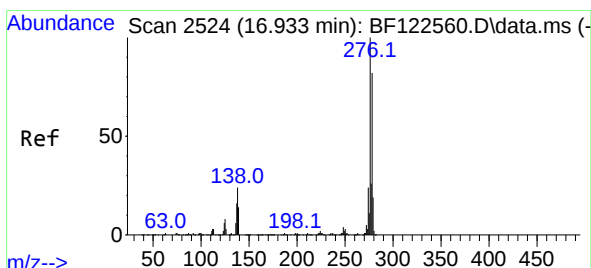
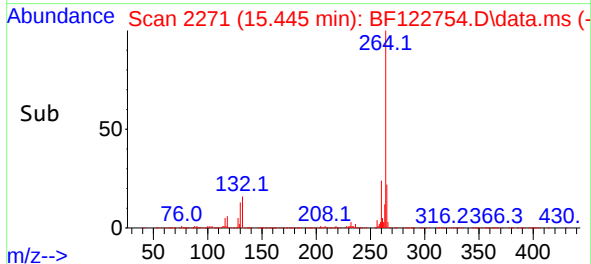
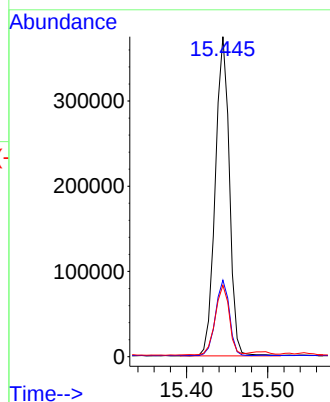
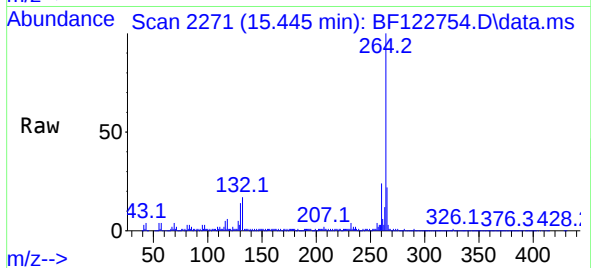


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

Tgt Ion:264 Resp: 450686

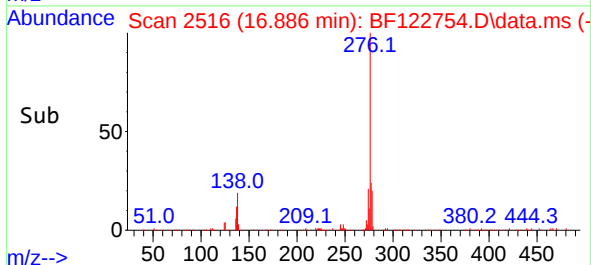
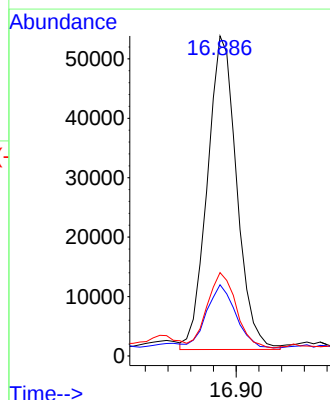
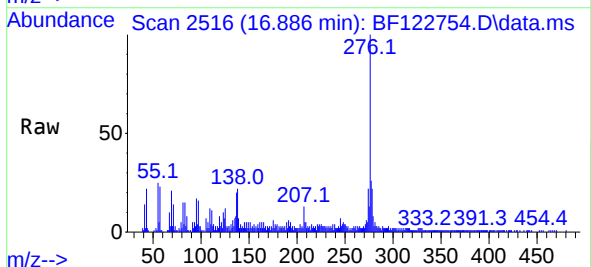
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	22.3	17.0	25.6

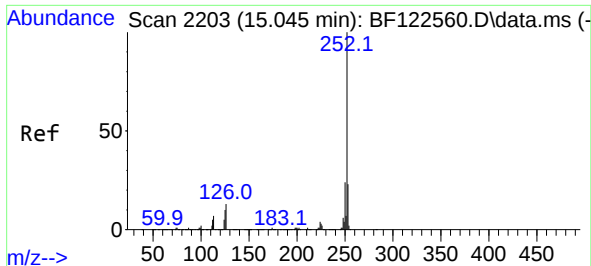


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.20 ng
RT: 16.886 min Scan# 2516
Delta R.T. -0.006 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

Tgt Ion:276 Resp: 94799

Ion	Ratio	Lower	Upper
276	100		
138	19.7	18.7	28.1
277	23.5	20.2	30.4

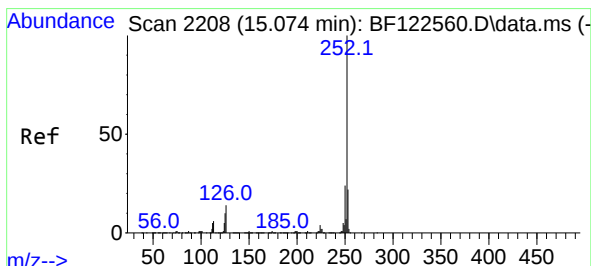
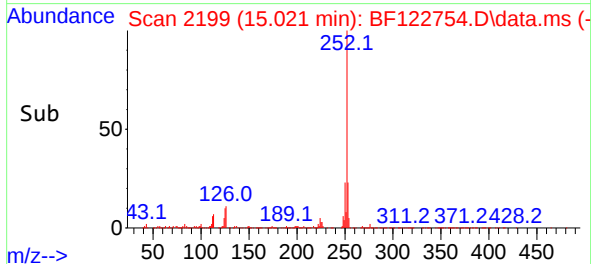
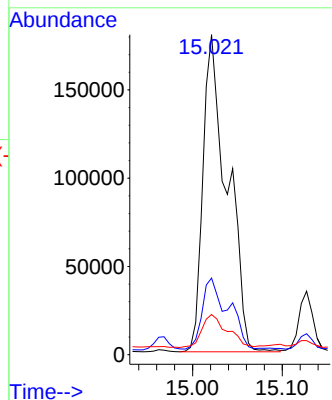
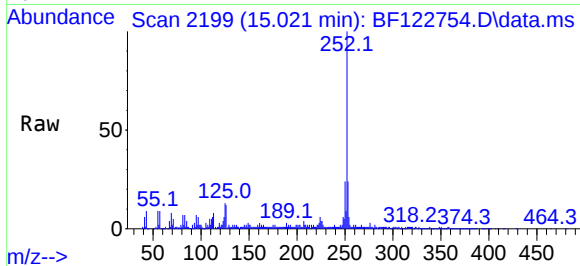




#88
Benzo(b)fluoranthene
Concen: 10.70 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

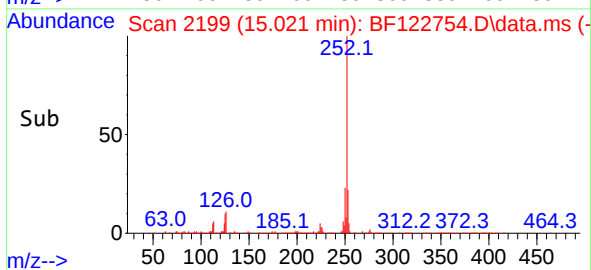
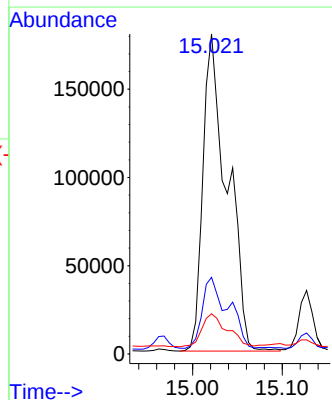
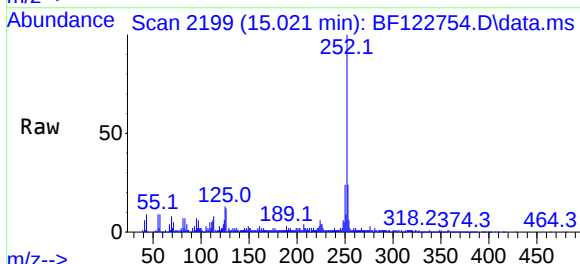
Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

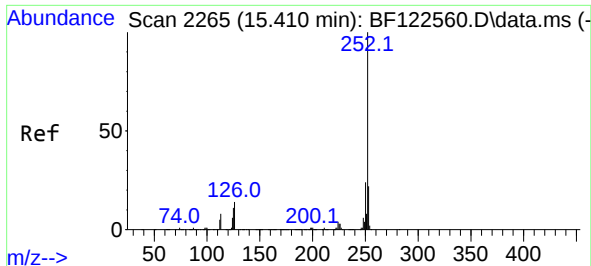
Tgt Ion:252 Resp: 338237
Ion Ratio Lower Upper
252 100
253 23.9 18.3 27.5
125 12.6 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 11.70 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.030 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

Tgt Ion:252 Resp: 338237
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 12.6 8.4 12.6



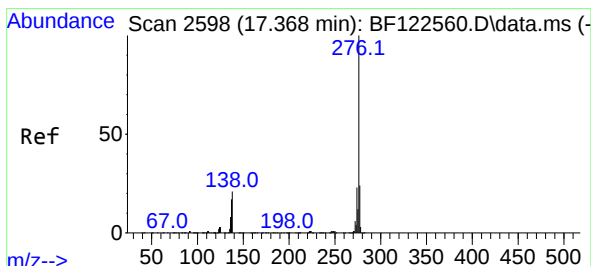
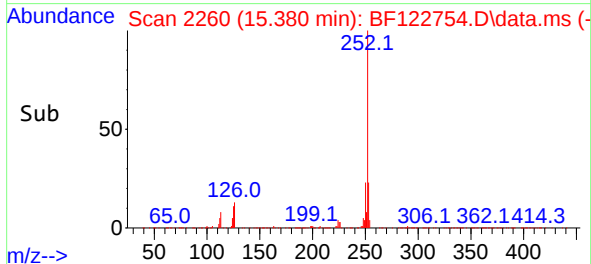
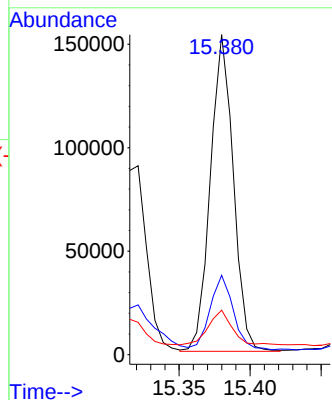
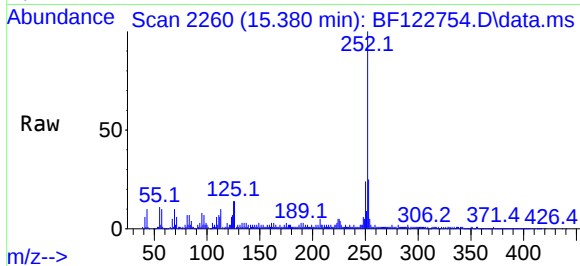


#90
Benzo(a)pyrene
Concen: 6.23 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

Tgt Ion:252 Resp: 172331

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	13.9	8.6	12.8#



#92
Benzo(g,h,i)perylene
Concen: 3.57 ng
RT: 17.327 min Scan# 2591
Delta R.T. -0.000 min
Lab File: BF122754.D
Acq: 16 Dec 2020 17:16

Tgt Ion:276 Resp: 83703

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.3	28.9
138	22.4	16.6	24.8

