

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
 Data File : BF122490.D
 Acq On : 25 Nov 2020 18:00
 Operator : JU/CG
 Sample : L4882-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B48-112320-10-16.5

Quant Time: Nov 26 00:13:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 14:38:56 2020
 Response via : Initial Calibration

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

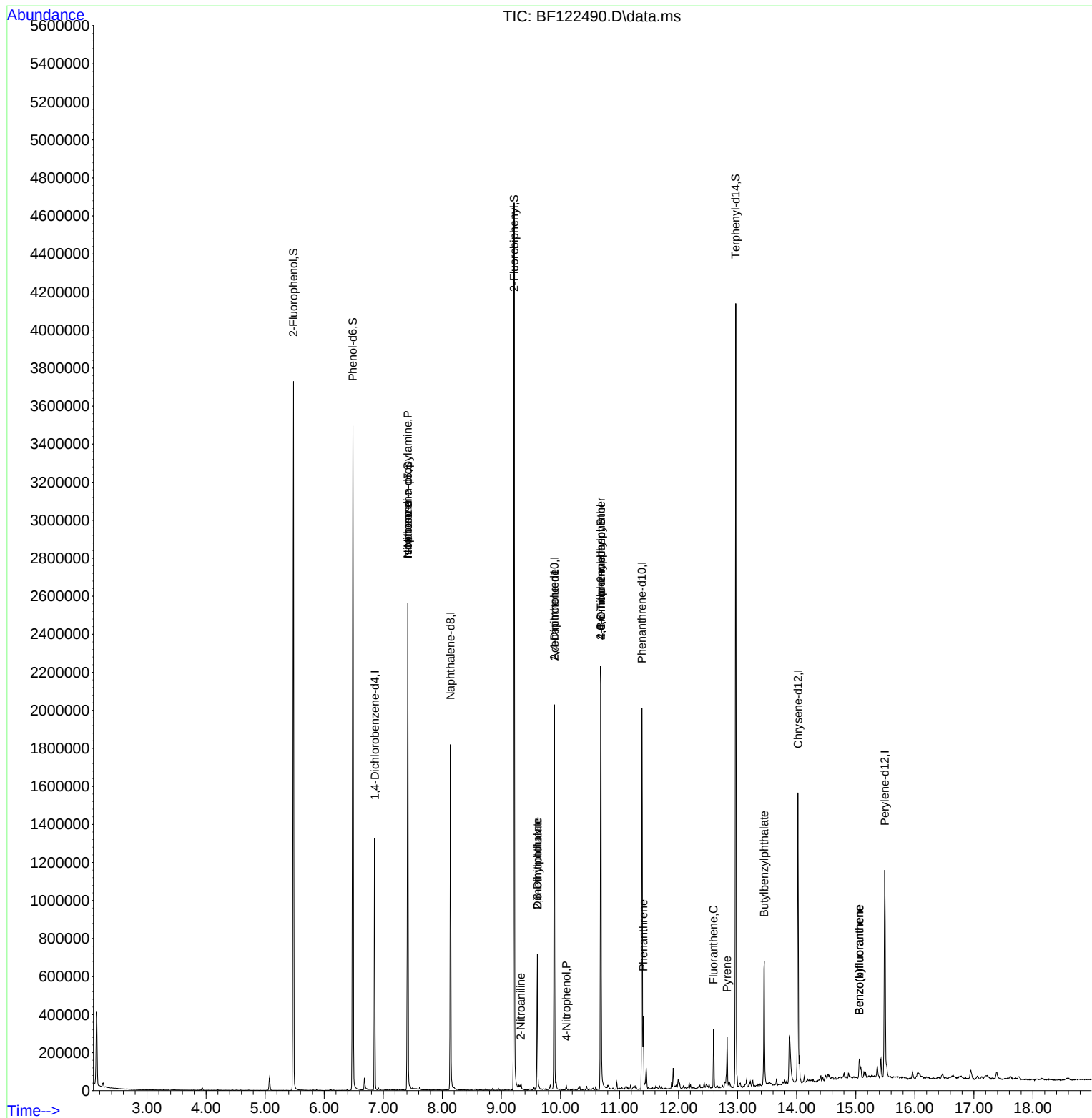
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	203598	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	794795	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	418303	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	719711	20.00	ng	0.00
76) Chrysene-d12	14.021	240	468266	20.00	ng	-0.01
86) Perylene-d12	15.492	264	510972	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1019554	76.89	ng	0.00
7) Phenol-d6	6.487	99	1293548	74.57	ng	-0.01
23) Nitrobenzene-d5	7.416	82	809669	62.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	315561	70.29	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1488206	55.59	ng	0.00
79) Terphenyl-d14	12.969	244	1250901	56.59	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	382	Below Cal	#	46
19) n-Nitroso-di-n-propyla...	7.416	70	109091	10.52	ng	# 75
25) Isophorone	7.416	82	799838	27.64	ng	# 67
48) 2-Nitroaniline	9.328	65	312	5.20	ng	# 6
50) Dimethylphthalate	9.610	163	294607	9.91	ng	# 99
51) 2,6-Dinitrotoluene	9.610	165	2774	4.20	ng	# 18
56) 4-Nitrophenol	10.098	139	2567	5.78	ng	# 10
57) 2,4-Dinitrotoluene	9.898	165	54022	10.56	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	444	6.32	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	20272	2.40	ng	# 1
71) Phenanthrene	11.404	178	121420	2.97	ng	# 98
75) Fluoranthene	12.592	202	117494	2.76	ng	# 97
78) Pyrene	12.822	202	102587	3.12	ng	# 98
80) Butylbenzylphthalate	13.451	149	1395	3.39	ng	# 34
88) Benzo(b)fluoranthene	15.063	252	76200	2.30	ng	# 98
89) Benzo(k)fluoranthene	15.063	252	76200	2.36	ng	# 97

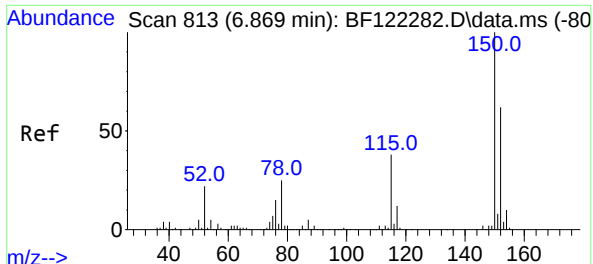
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
Data File : BF122490.D
Acq On : 25 Nov 2020 18:00
Operator : JU/CG
Sample : L4882-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

Quant Time: Nov 26 00:13:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

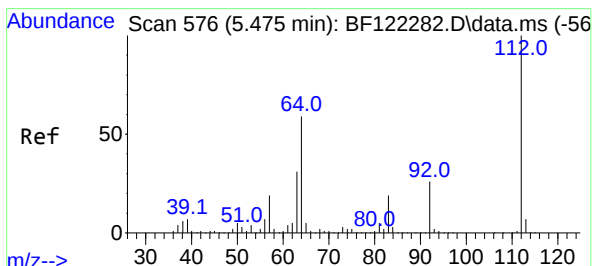
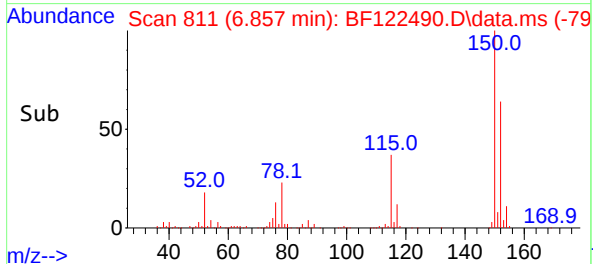
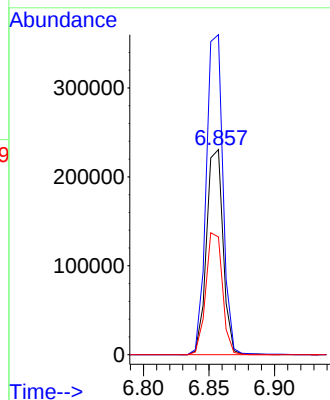
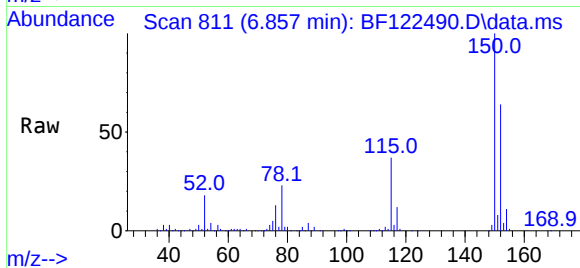




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

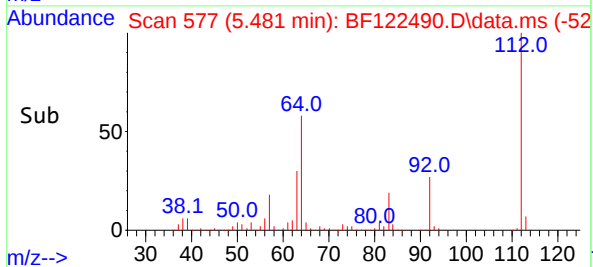
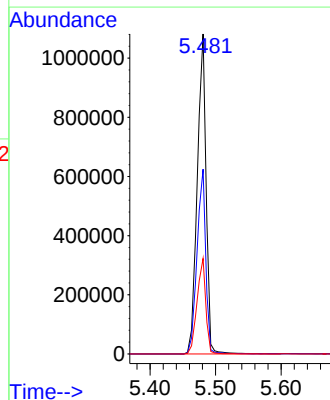
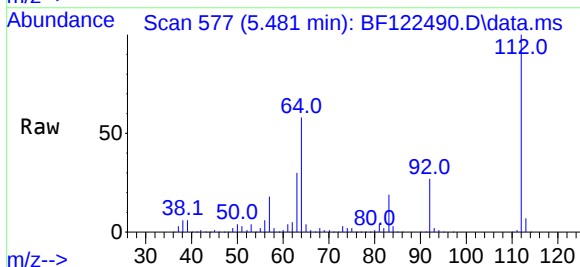
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

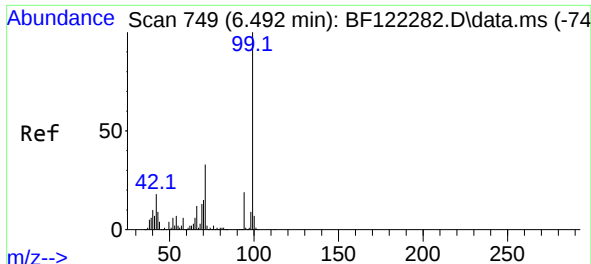
Tgt Ion:152 Resp: 203598
Ion Ratio Lower Upper
152 100
150 156.0 125.3 187.9
115 57.4 51.9 77.9



#5
2-Fluorophenol
Concen: 76.89 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

Tgt Ion:112 Resp: 1019554
Ion Ratio Lower Upper
112 100
64 57.7 50.4 75.6
63 29.8 25.8 38.6



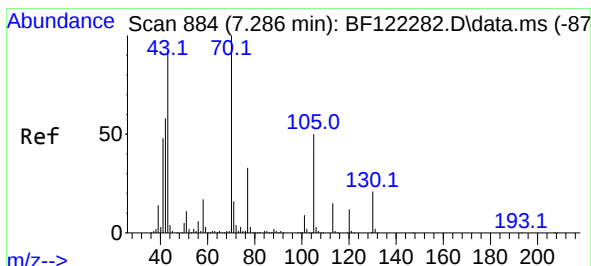
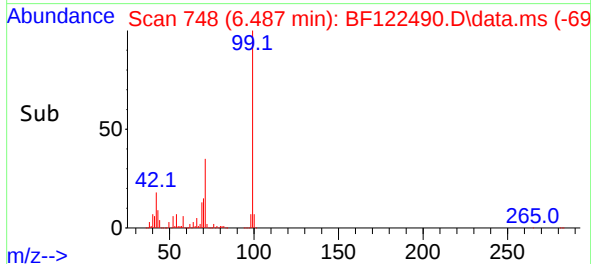
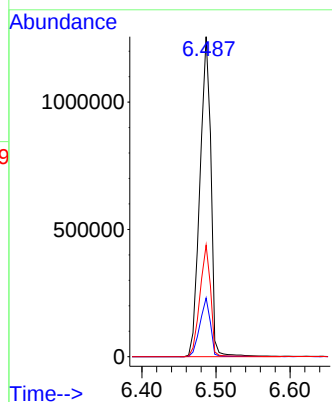
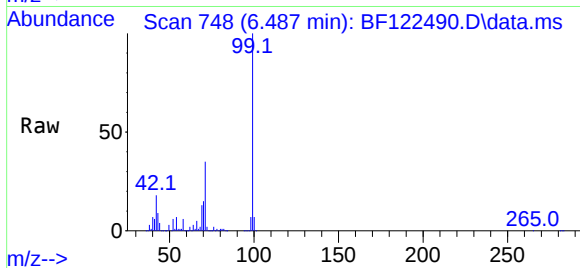


#7
Phenol-d6
Concen: 74.57 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

Tgt Ion: 99 Resp: 1293548

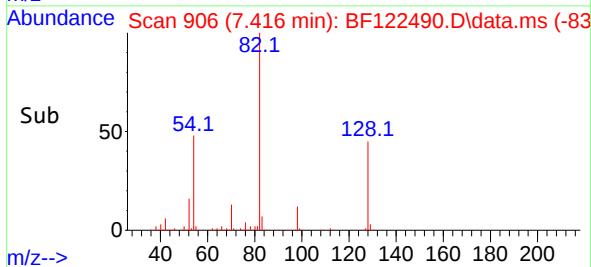
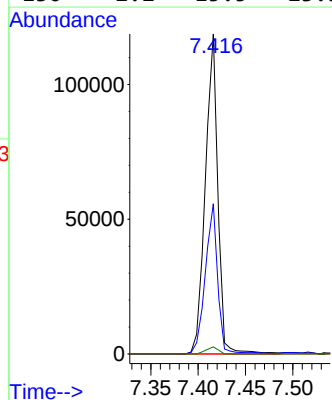
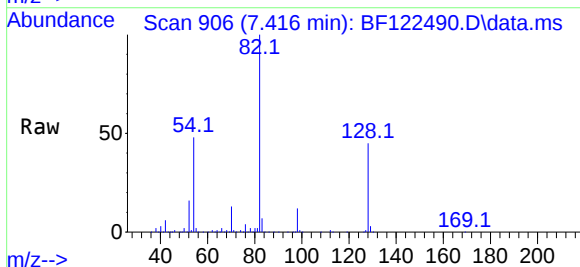
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.9	23.9
71	34.8	27.1	40.7

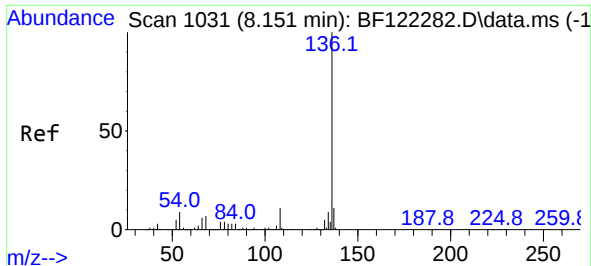


#19
n-Nitroso-di-n-propylamine
Concen: 10.52 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

Tgt Ion: 70 Resp: 109091

Ion	Ratio	Lower	Upper
70	100		
42	46.9	50.2	75.4#
101	0.0	7.5	11.3#
130	2.2	15.5	23.3#



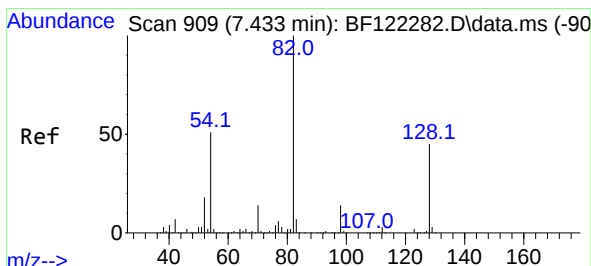
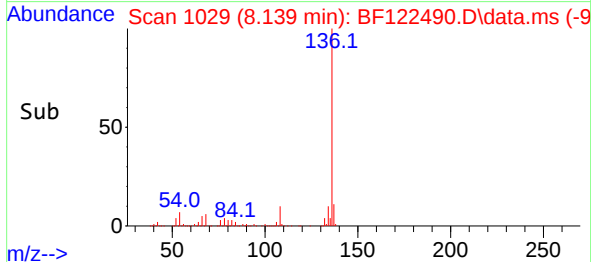
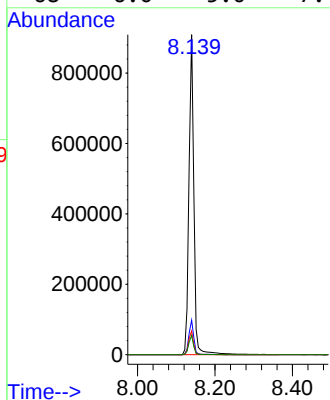
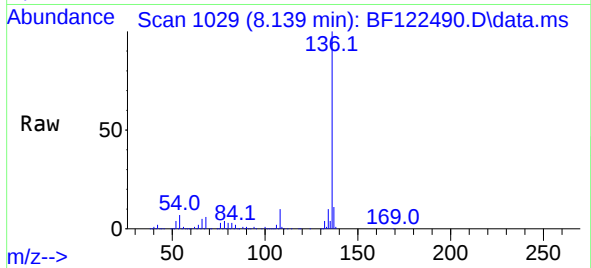


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

Tgt Ion:136 Resp: 794795

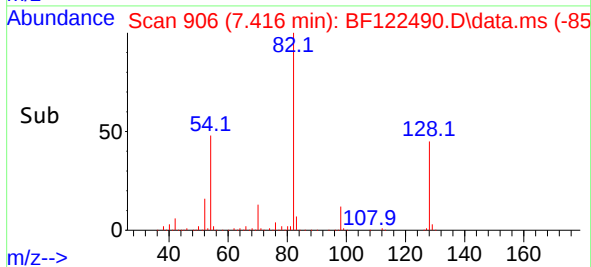
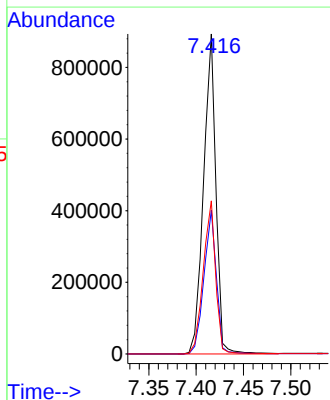
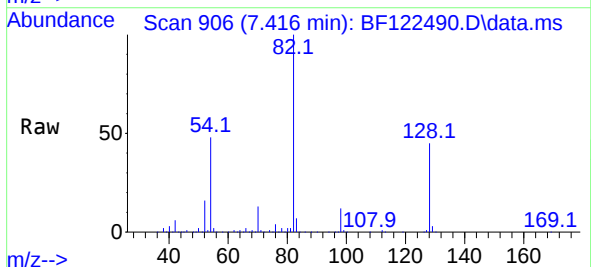
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.4	7.1	10.7
68	6.0	5.0	7.4

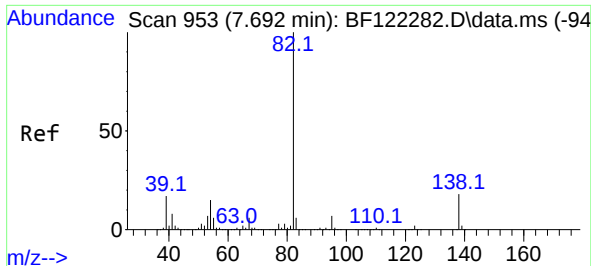


#23
Nitrobenzene-d5
Concen: 62.37 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

Tgt Ion: 82 Resp: 809669

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.0	52.4
54	47.9	43.9	65.9

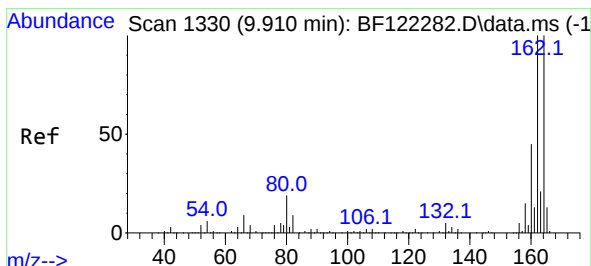
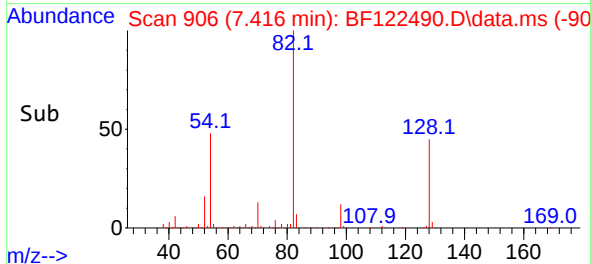
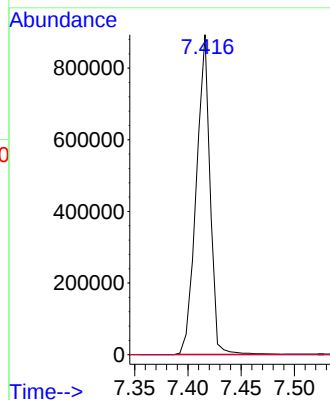
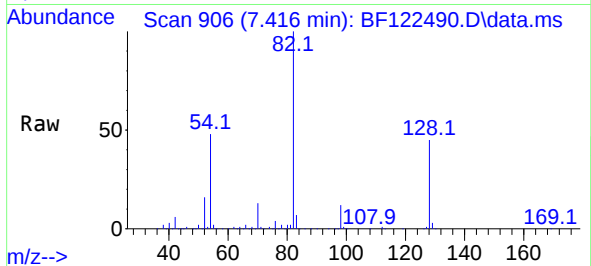




#25
Isophorone
Concen: 27.64 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

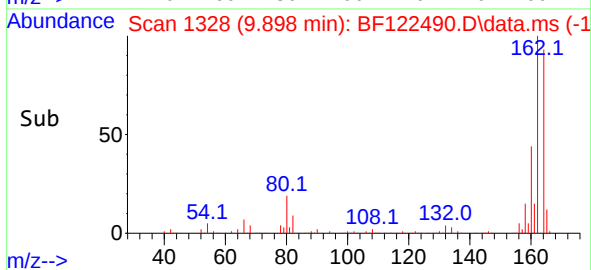
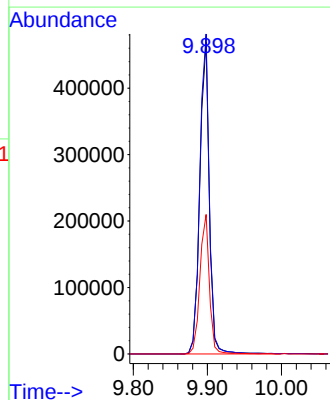
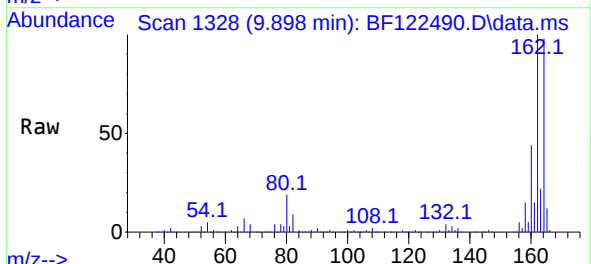
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

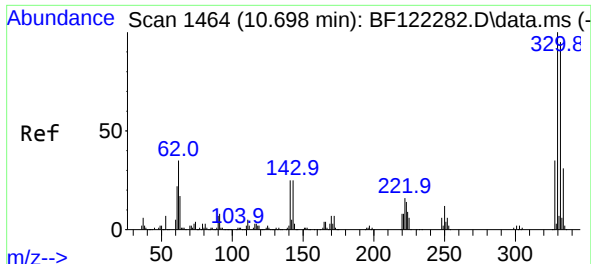
Tgt Ion: 82 Resp: 799838
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

Tgt Ion: 164 Resp: 418303
Ion Ratio Lower Upper
164 100
162 102.5 83.2 124.8
160 44.7 37.5 56.3

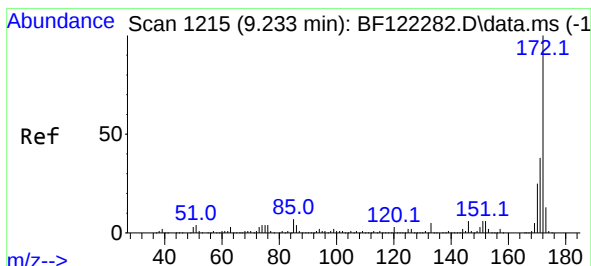
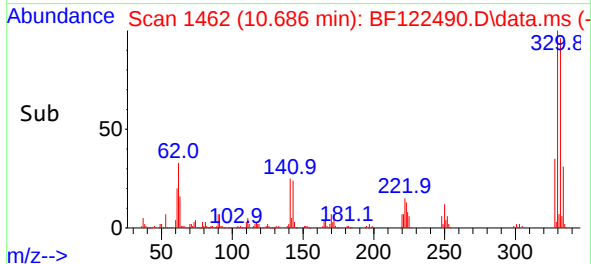
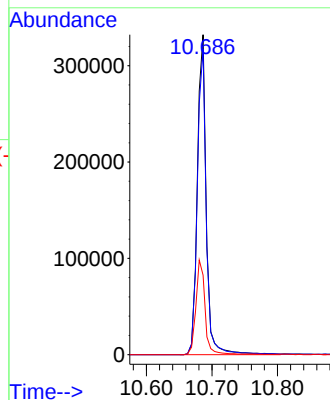
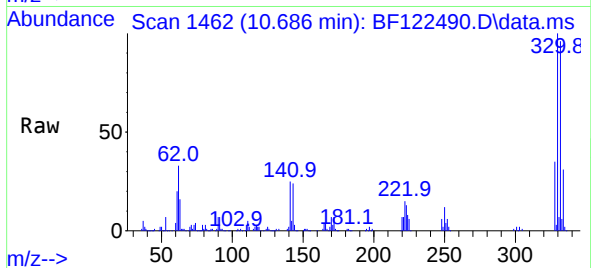




#42
2,4,6-Tribromophenol
Concen: 70.29 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

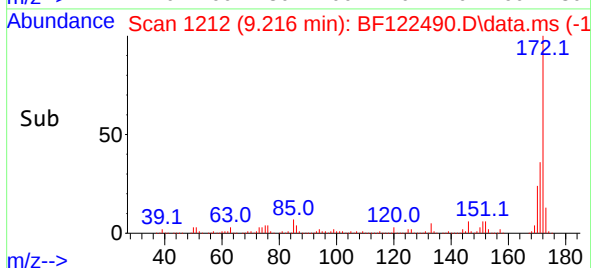
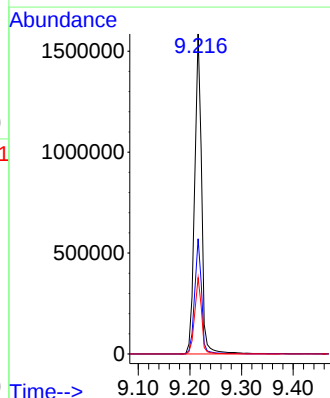
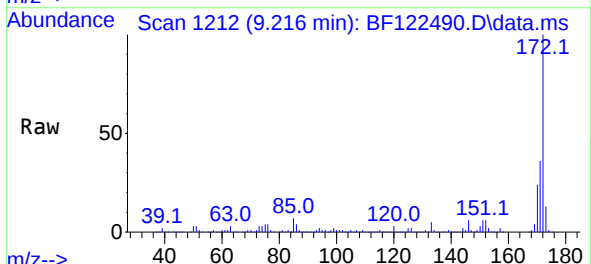
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

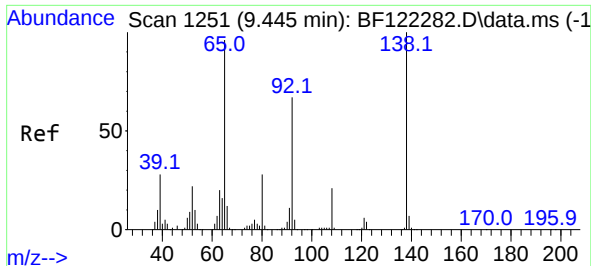
Tgt Ion: 330 Resp: 315561
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 30.6 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 55.59 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

Tgt Ion: 172 Resp: 1488206
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 23.9 19.8 29.6

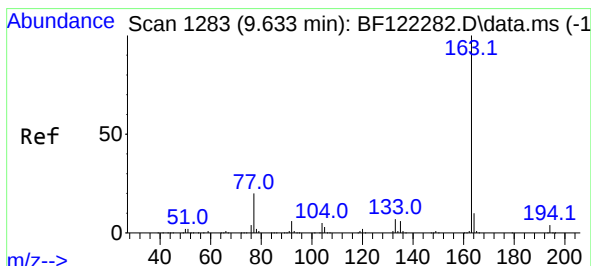
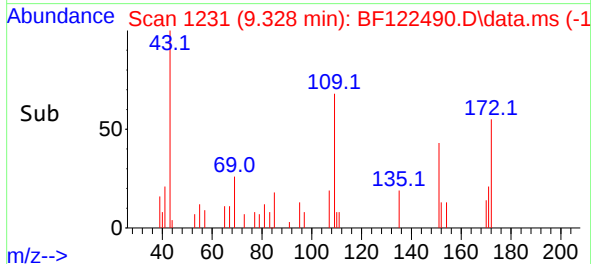
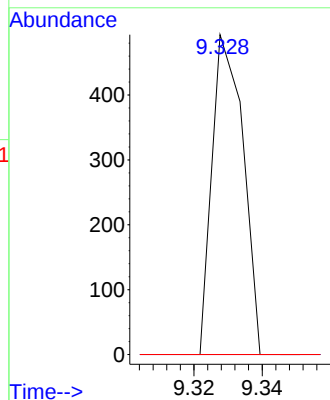
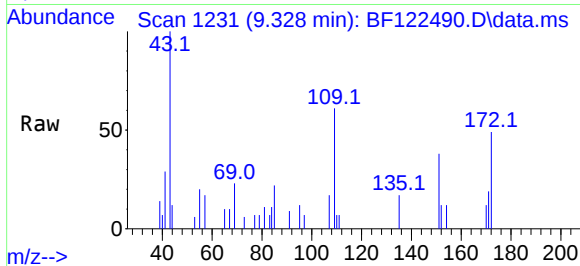




#48
2-Nitroaniline
Concen: 5.20 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.118 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

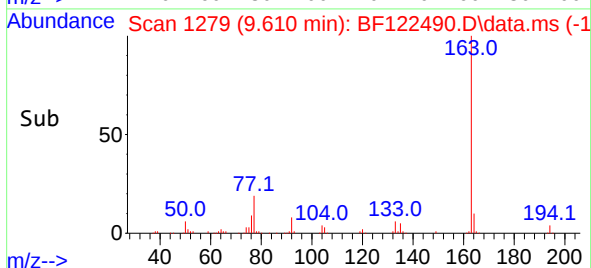
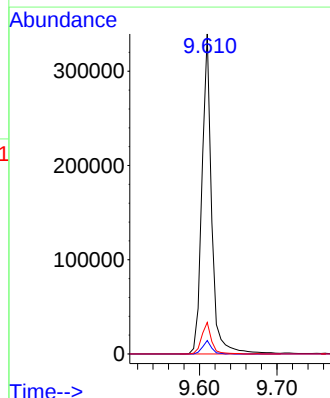
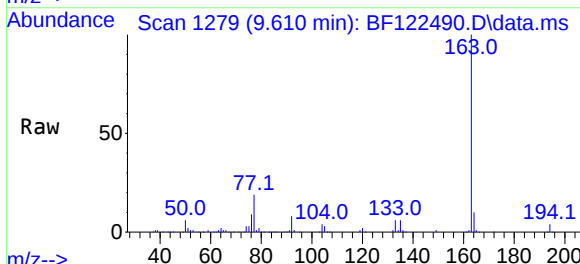
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

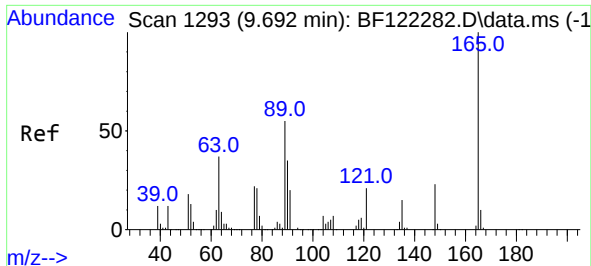
Tgt Ion: 65 Resp: 312
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 9.91 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

Tgt Ion: 163 Resp: 294607
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.9 8.2 12.4

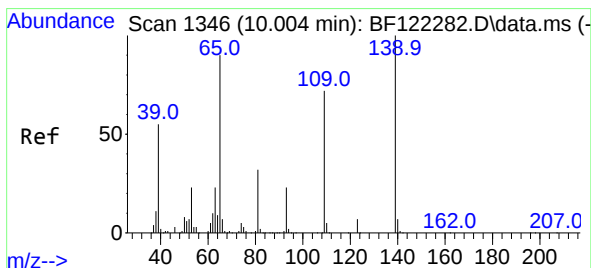
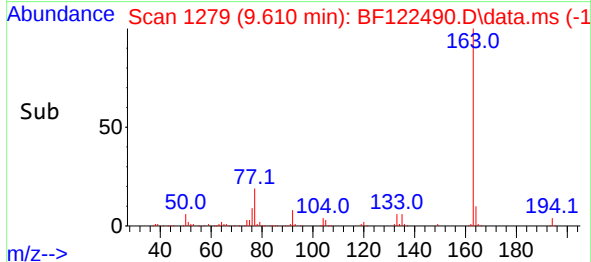
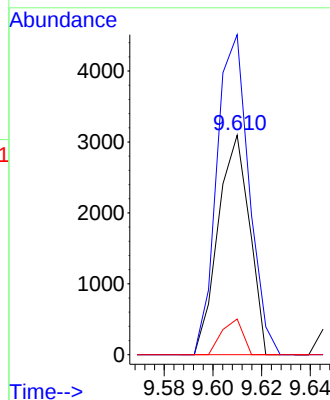
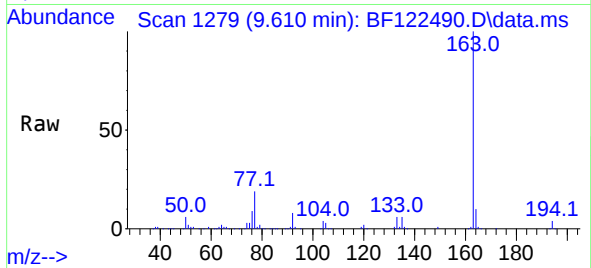




#51
2,6-Dinitrotoluene
Concen: 4.20 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.076 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

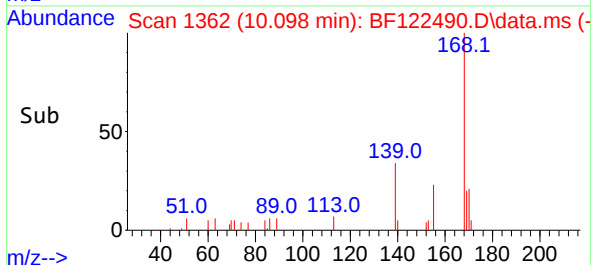
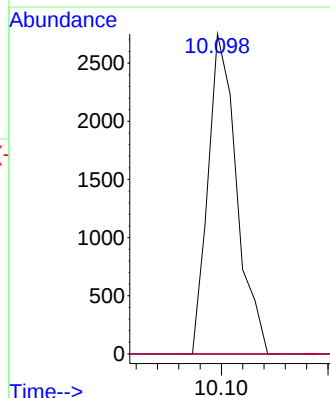
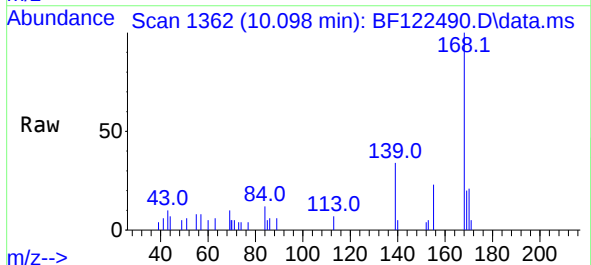
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

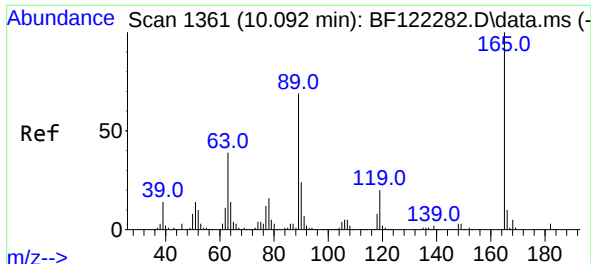
Tgt Ion:165 Resp: 2774
Ion Ratio Lower Upper
165 100
63 145.8 51.8 77.6#
89 16.3 49.0 73.6#



#56
4-Nitrophenol
Concen: 5.78 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.082 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

Tgt Ion:139 Resp: 2567
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#

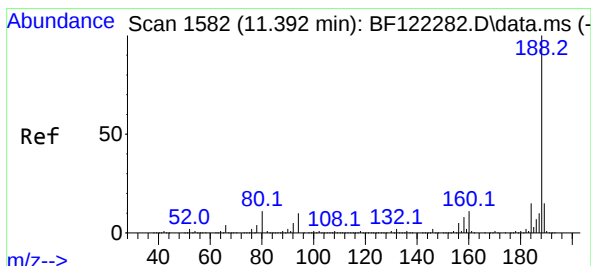
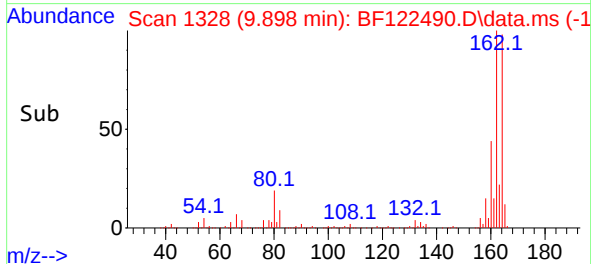
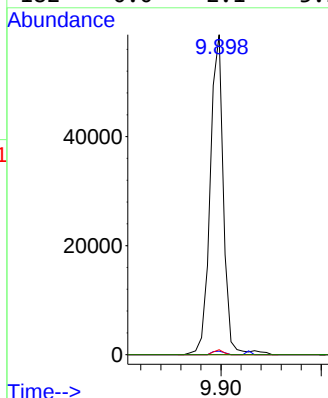
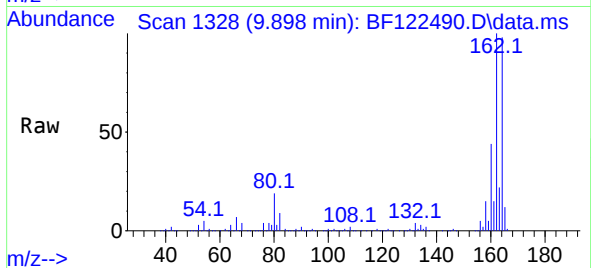




#57
2,4-Dinitrotoluene
Concen: 10.56 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

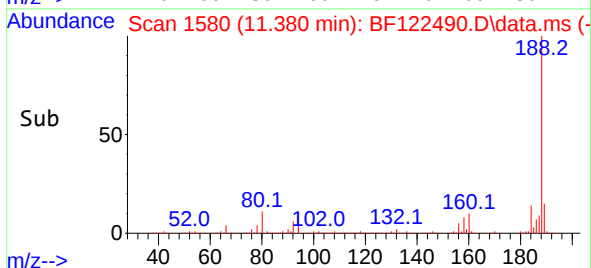
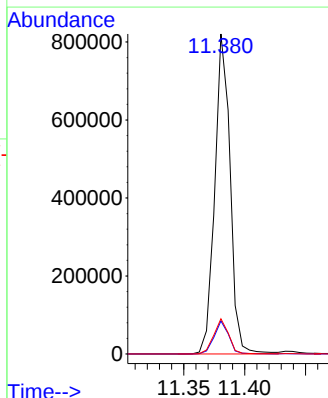
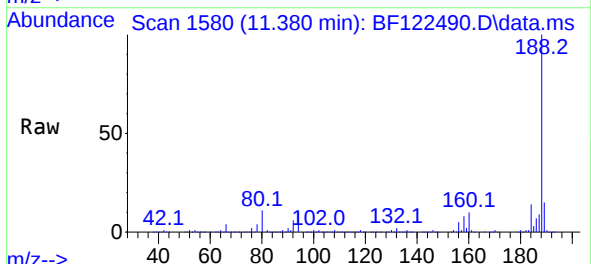
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

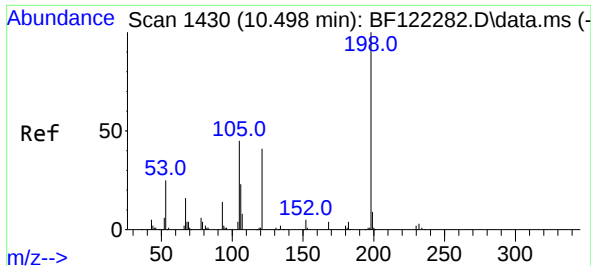
Tgt Ion:165	Resp:	54022
Ion Ratio	Lower	Upper
165	100	
63	1.1	41.3 61.9#
89	1.5	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

Tgt Ion:188	Resp:	719711
Ion Ratio	Lower	Upper
188	100	
94	10.3	8.3 12.5
80	11.0	9.1 13.7

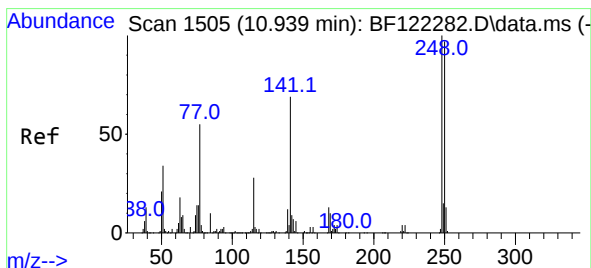
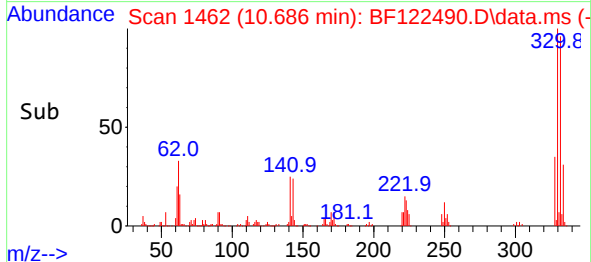
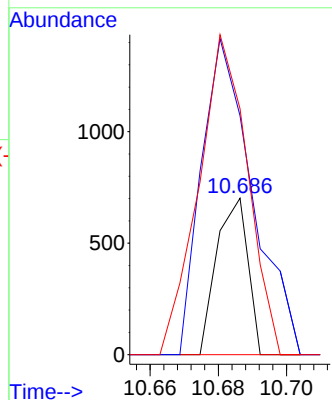
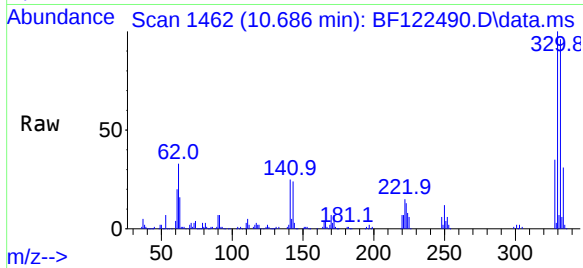




#65
4,6-Dinitro-2-methylphenol
Concen: 6.32 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

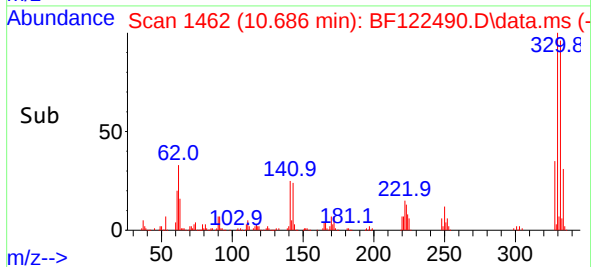
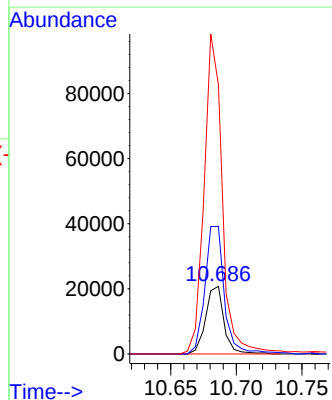
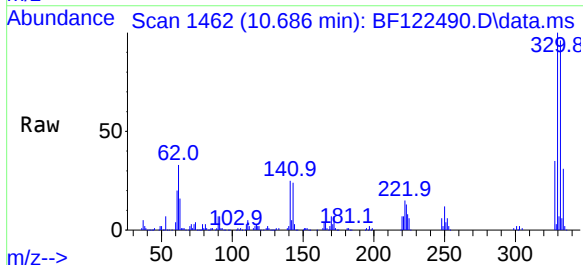
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

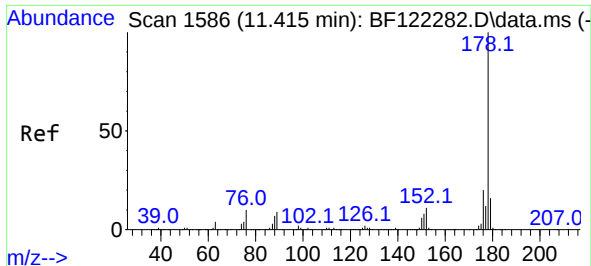
Tgt Ion:198 Resp: 444
Ion Ratio Lower Upper
198 100
51 152.6 29.6 69.6#
105 157.1 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 2.40 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

Tgt Ion:248 Resp: 20272
Ion Ratio Lower Upper
248 100
250 188.6 77.0 115.6#
141 397.1 53.7 80.5#

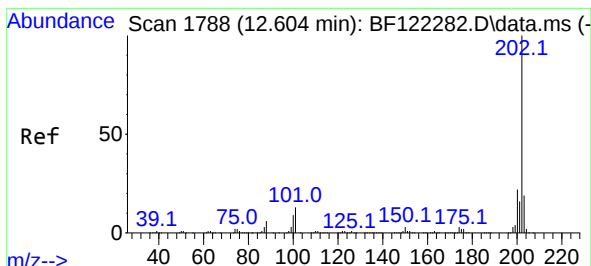
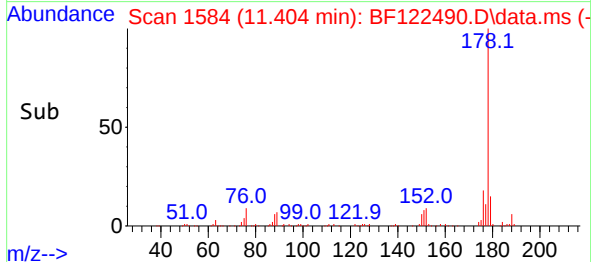
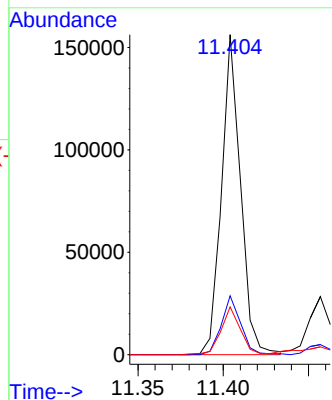
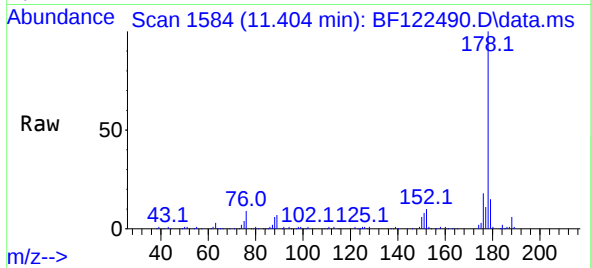




#71
Phenanthrene
Concen: 2.97 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

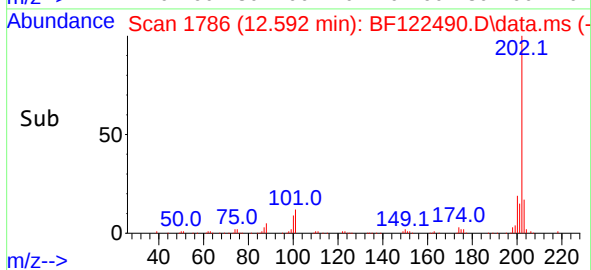
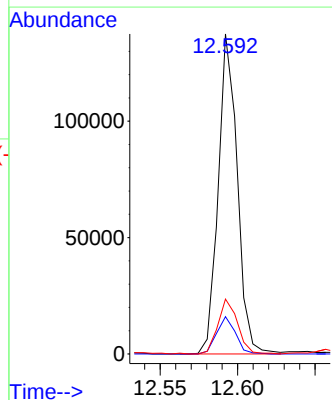
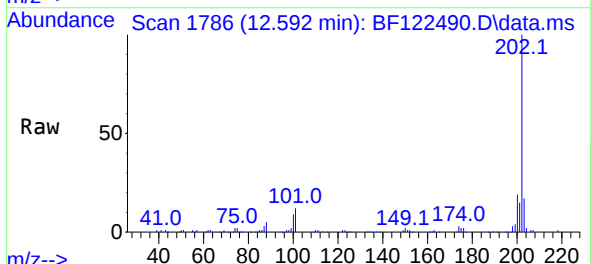
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

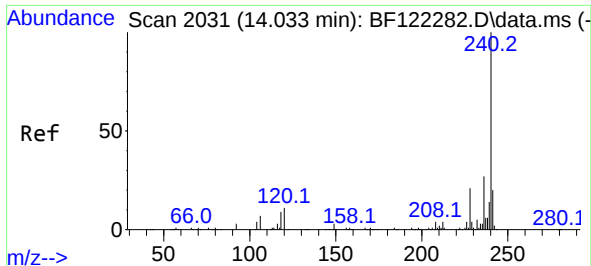
Tgt Ion:178 Resp: 121420
Ion Ratio Lower Upper
178 100
176 18.4 15.9 23.9
179 14.9 12.2 18.4



#75
Fluoranthene
Concen: 2.76 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

Tgt Ion:202 Resp: 117494
Ion Ratio Lower Upper
202 100
101 11.6 0.0 33.4
203 17.1 0.0 37.9

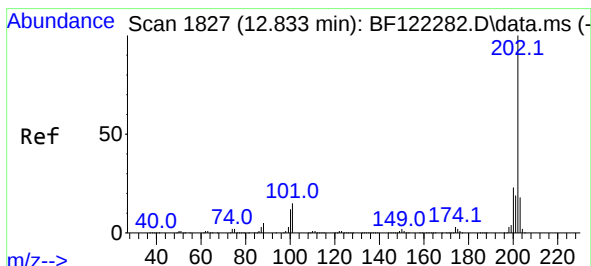
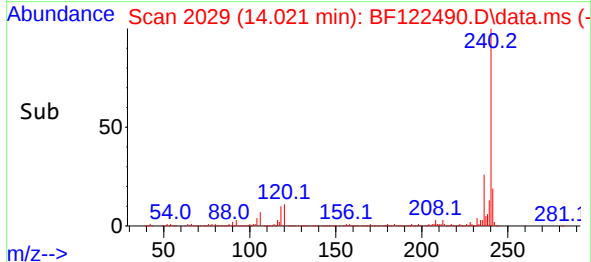
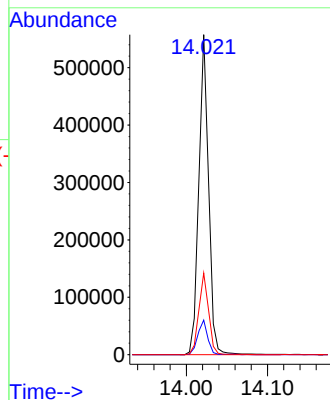
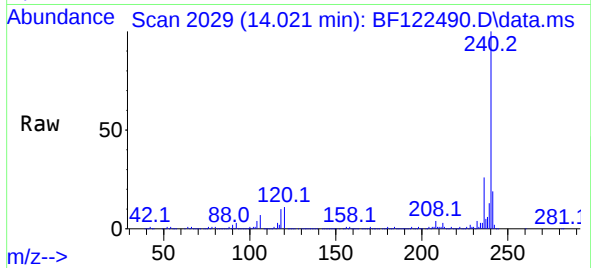




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

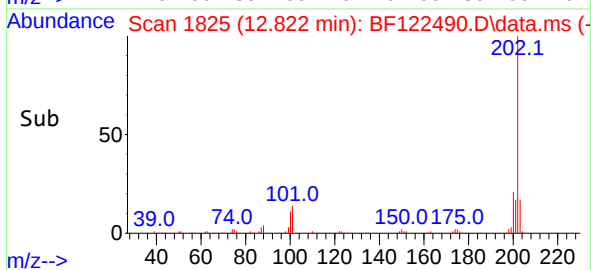
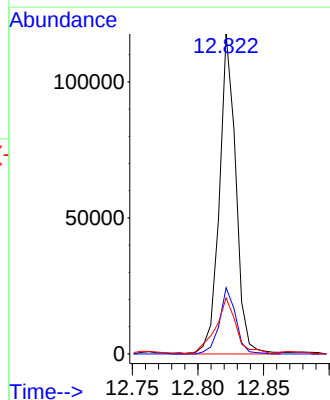
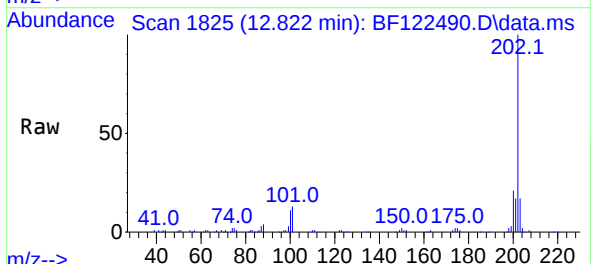
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

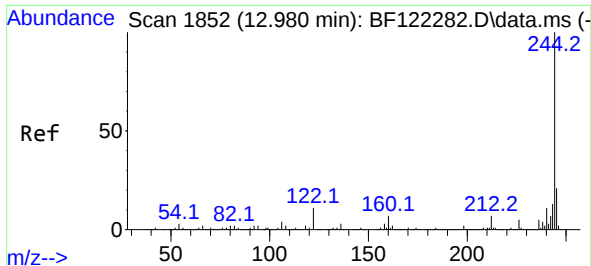
Tgt Ion:240 Resp: 468266
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.5 20.9 31.3



#78
Pyrene
Concen: 3.12 ng
RT: 12.822 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

Tgt Ion:202 Resp: 102587
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 17.5 14.6 21.8

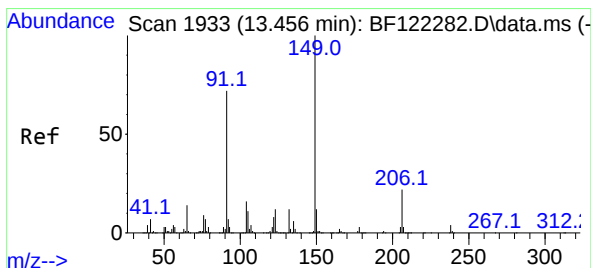
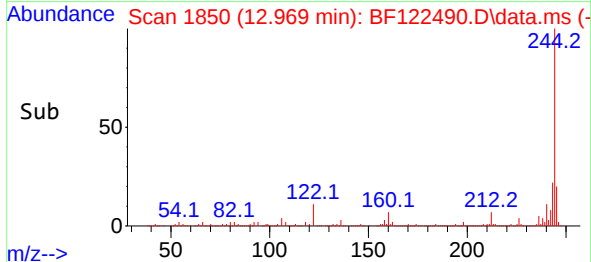
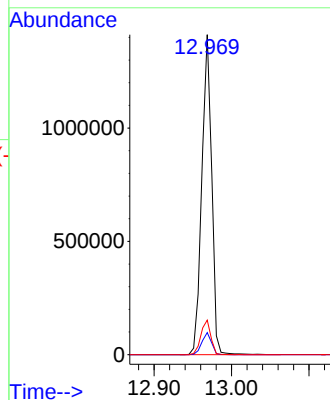
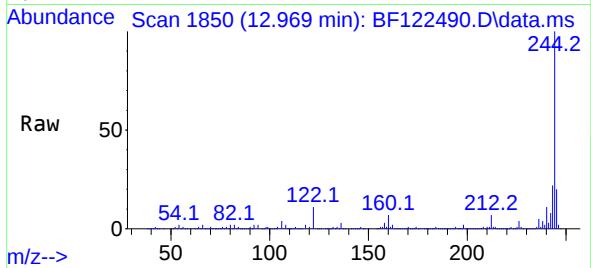




#79
Terphenyl-d14
Concen: 56.59 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

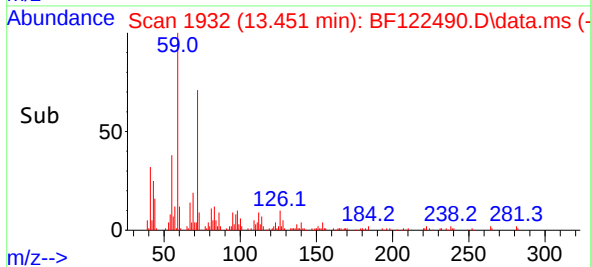
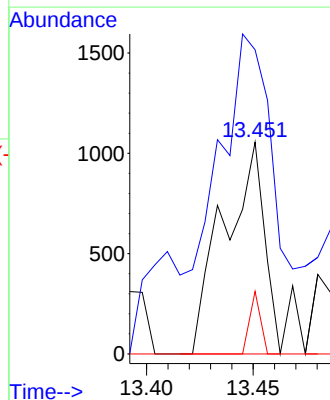
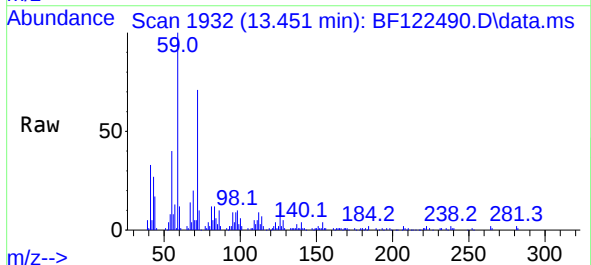
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

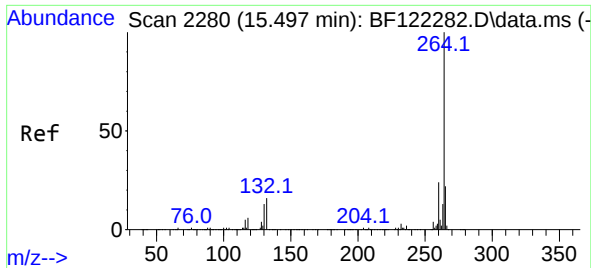
Tgt Ion:244 Resp: 1250901
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 10.8 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.39 ng
RT: 13.451 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

Tgt Ion:149 Resp: 1395
Ion Ratio Lower Upper
149 100
91 143.6 61.0 91.4#
206 29.5 16.7 25.1#



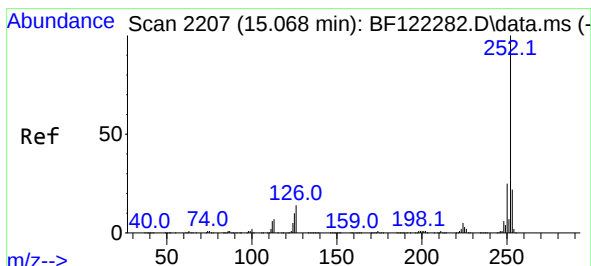
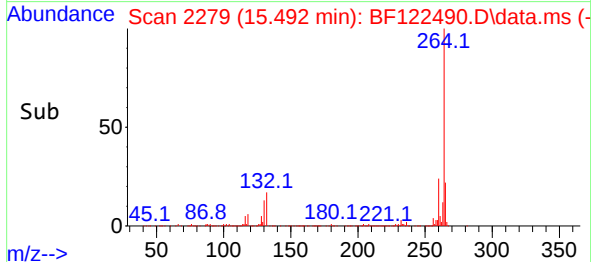
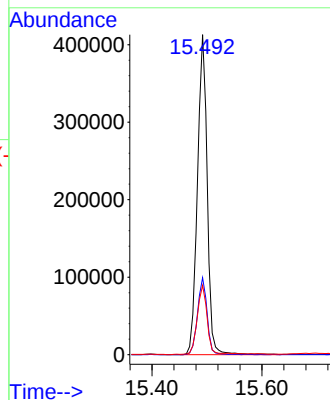
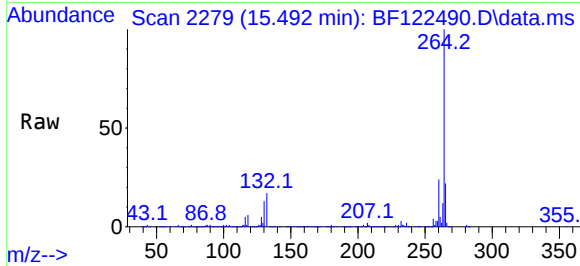


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.012 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

Tgt Ion:264 Resp: 510972

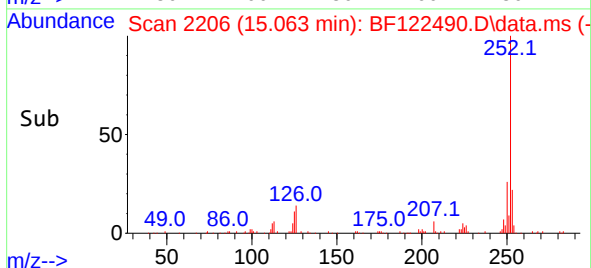
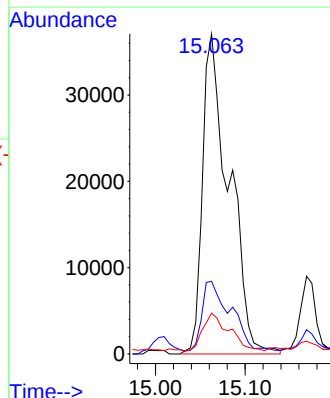
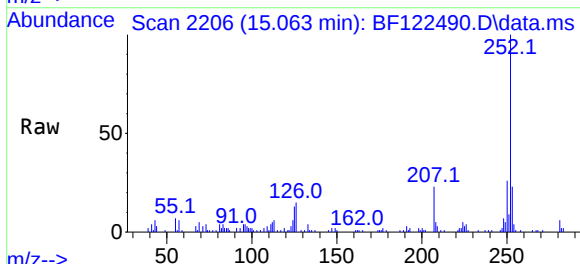
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.7	17.3	25.9

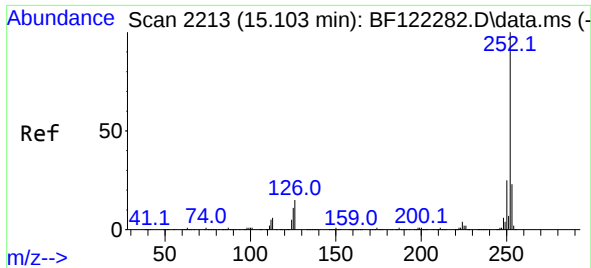


#88
Benzo(b)fluoranthene
Concen: 2.30 ng
RT: 15.063 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

Tgt Ion:252 Resp: 76200

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	12.7	8.0	12.0#





#89
Benzo(k)fluoranthene
Concen: 2.36 ng
RT: 15.063 min Scan# 2206
Delta R.T. -0.047 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

Tgt Ion:252 Resp: 76200
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 12.7 7.7 11.5#

