

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

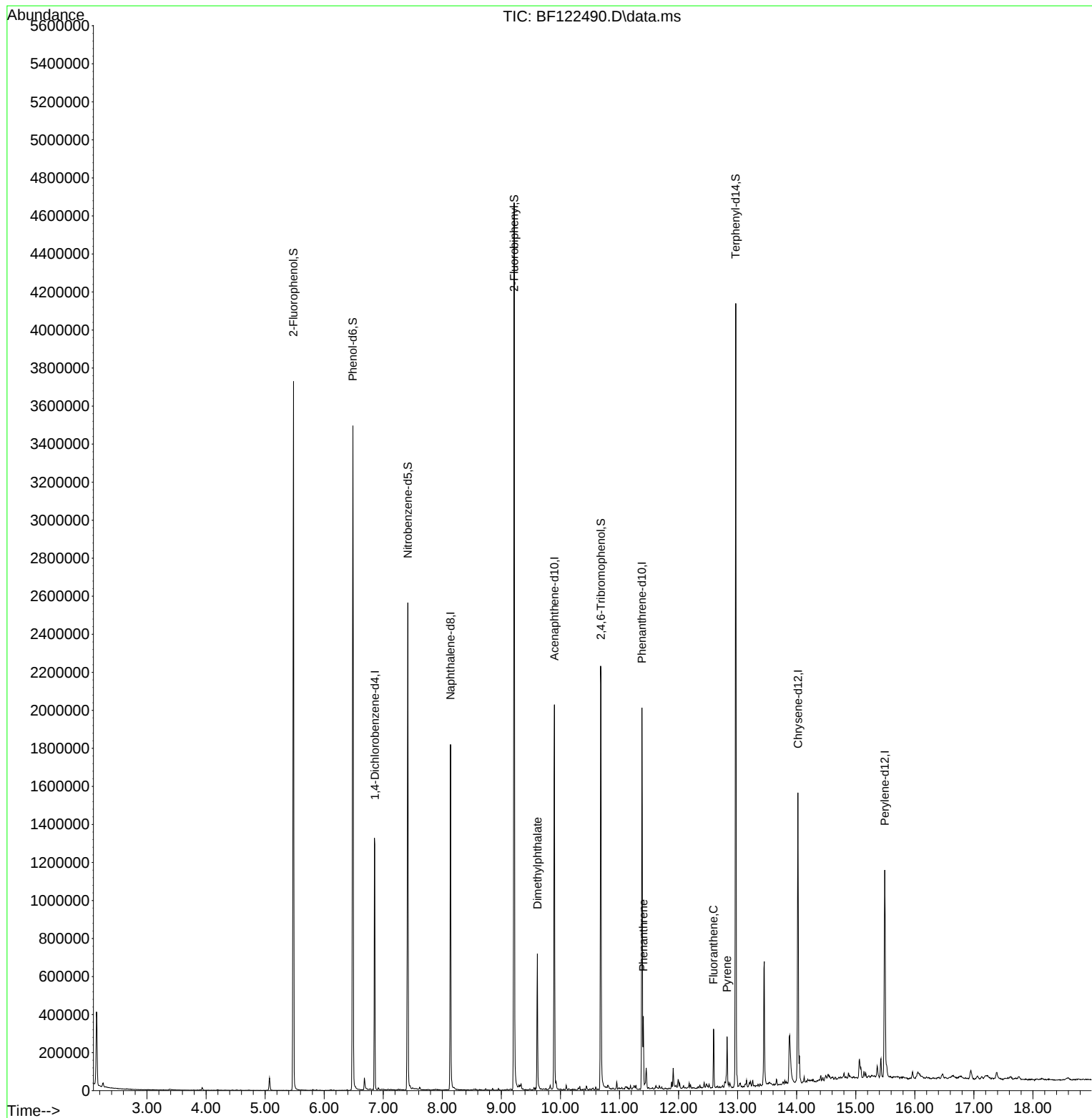
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	203598	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	794795	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	418303	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	719711	20.00	ng	0.00
76) Chrysene-d12	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
50) Dimethylphthalate	9.610	163	294607	9.91	ng	99
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

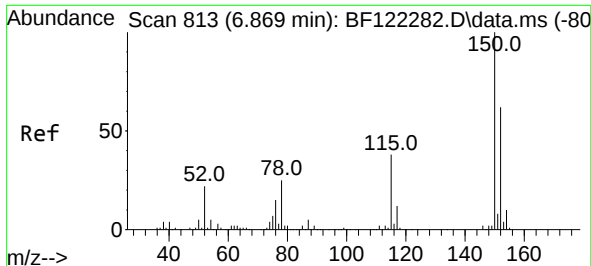
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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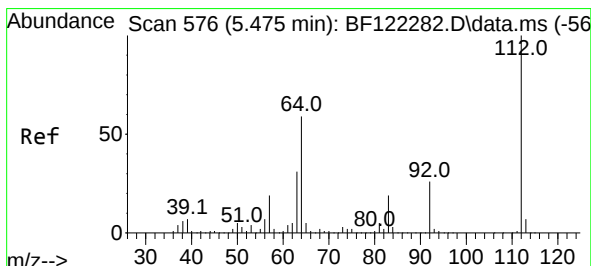
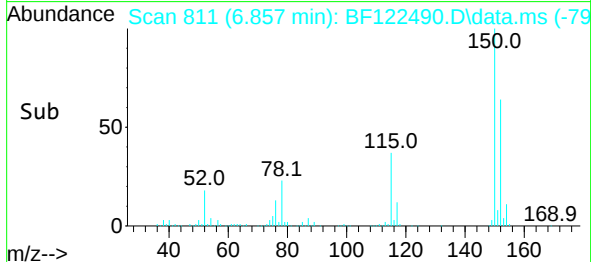
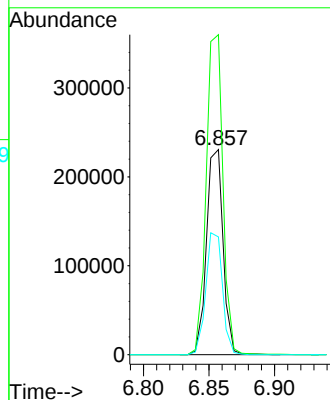
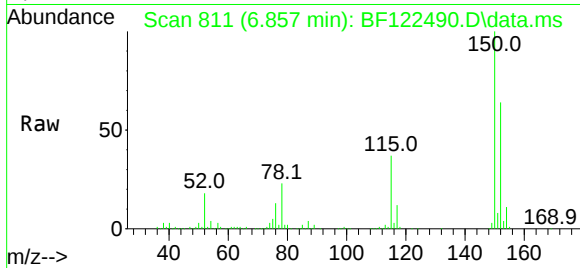




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

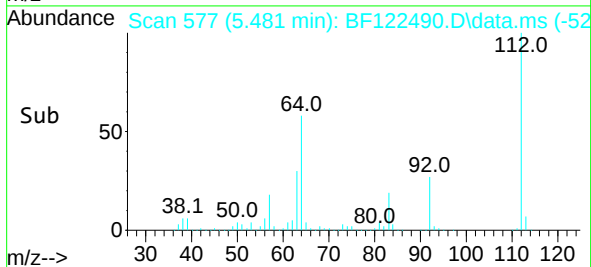
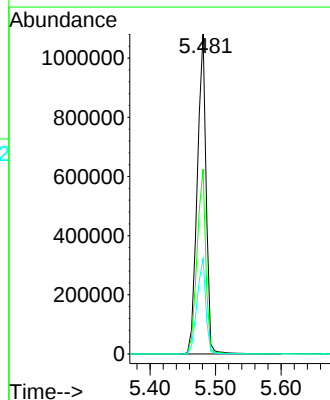
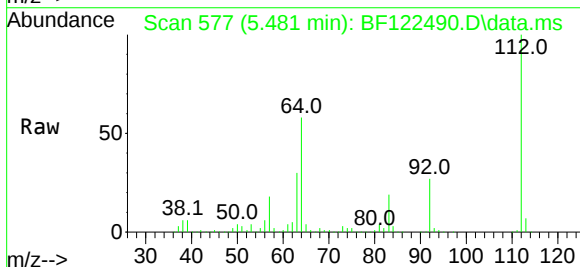
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

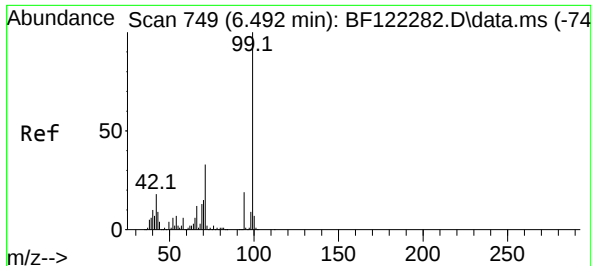
Tgt Ion:152 Resp: 203598
Ion Ratio Lower Upper
152 100
150 156.0 125.3 187.9
115 57.4 51.9 77.9



#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

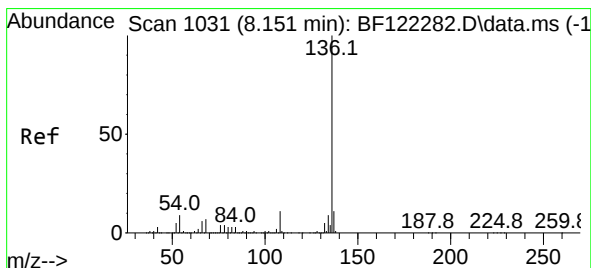
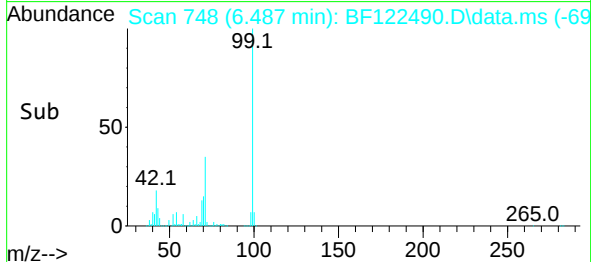
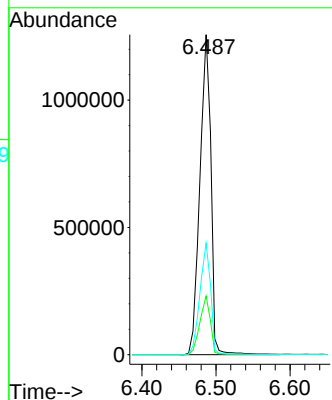
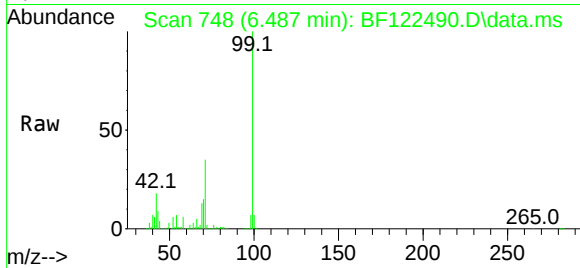




#7
Phenol-d6
Concen: 74.57 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

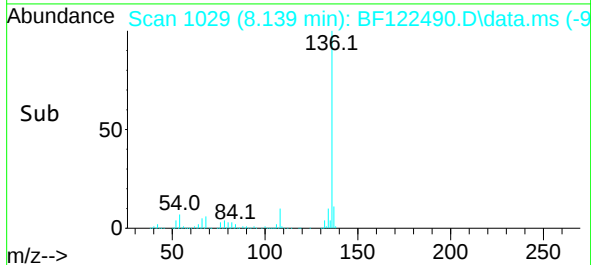
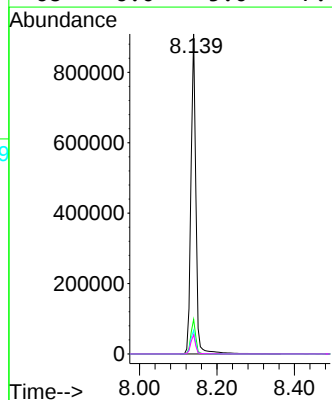
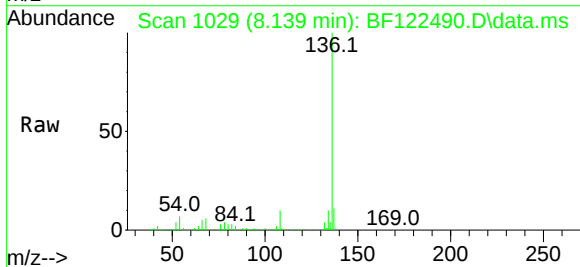
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-10-16.5

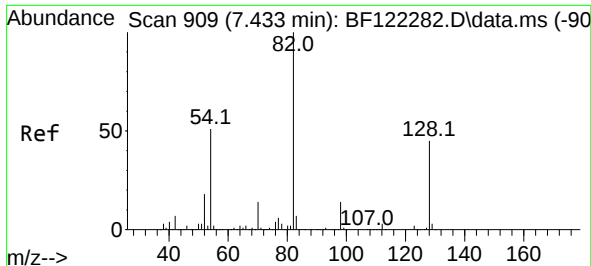
Tgt Ion: 99 Resp: 1293548
Ion Ratio Lower Upper
99 100
42 18.4 15.9 23.9
71 34.8 27.1 40.7



#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

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

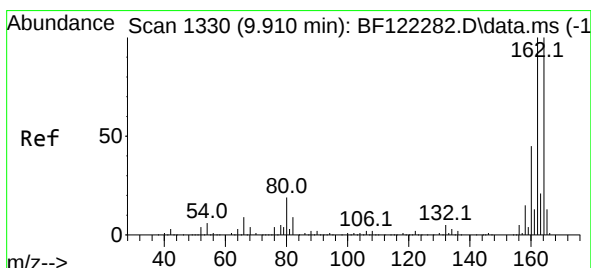
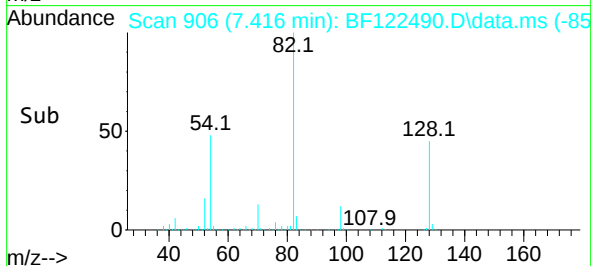
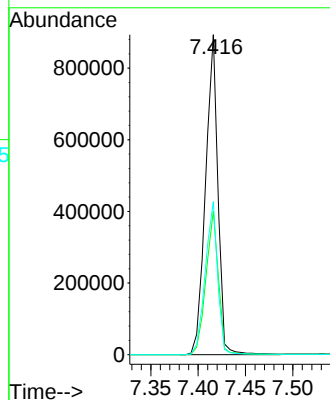
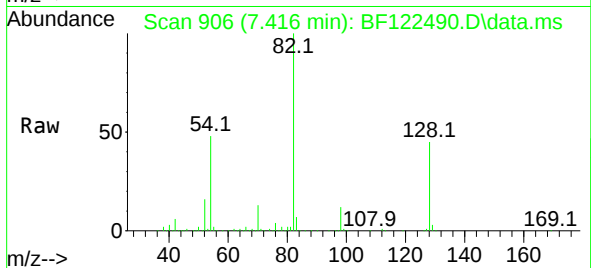
54 47.9 43.9 65.9

Instrument :

BNA_F

ClientSampleId :

PAV-B48-112320-10-16.5



#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

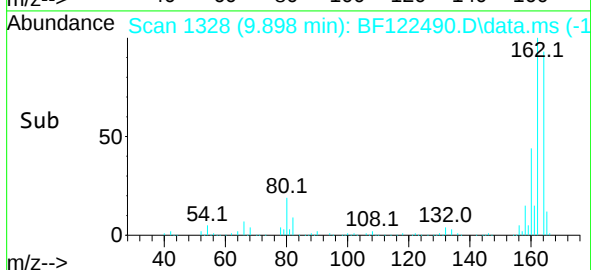
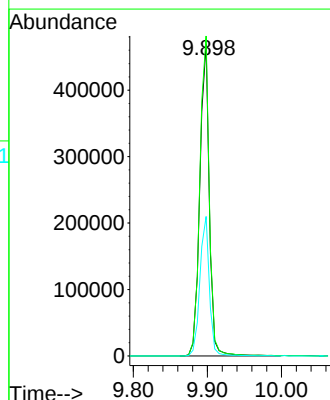
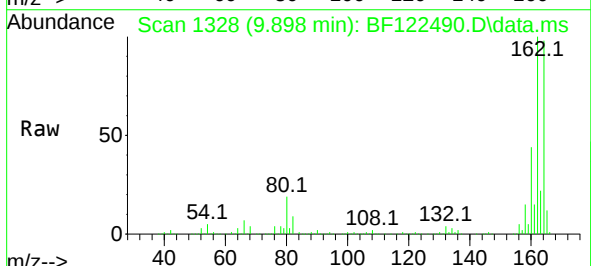
Tgt Ion:164 Resp: 418303

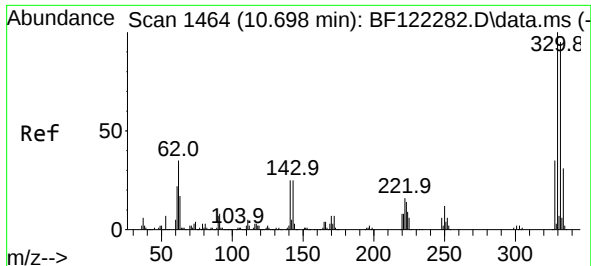
Ion Ratio Lower Upper

164 100

162 102.5 83.2 124.8

160 44.7 37.5 56.3

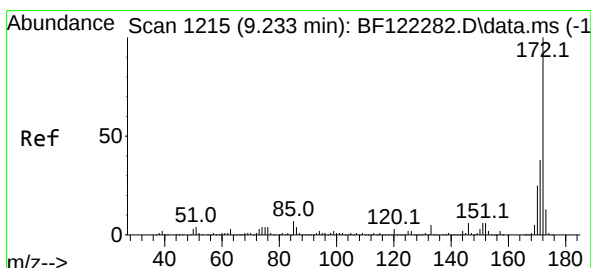
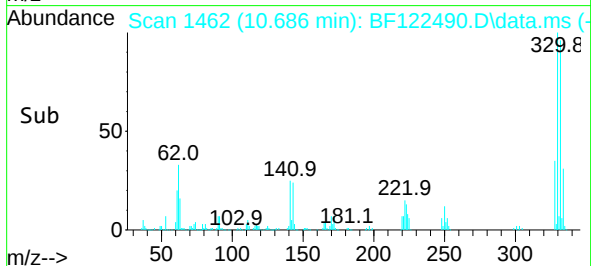
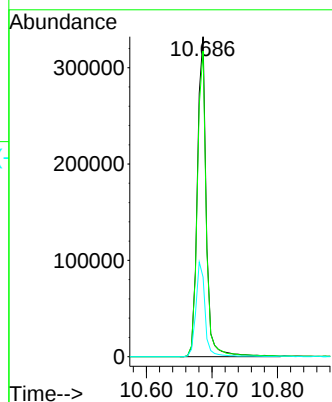
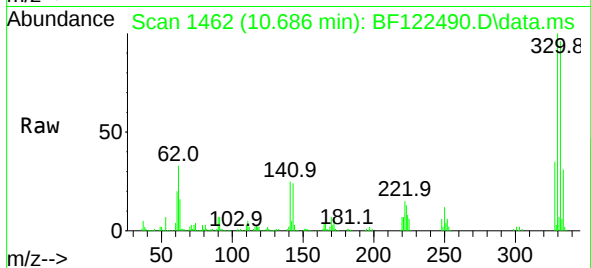




#42
2,4,6-Tribromophenol
Concen: 70.29 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

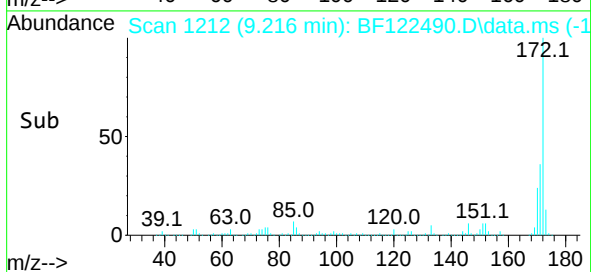
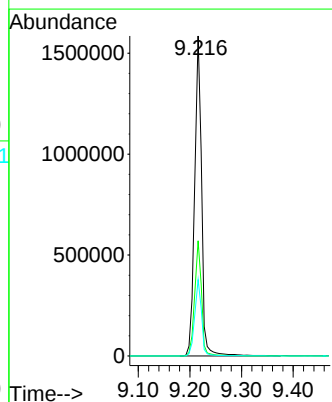
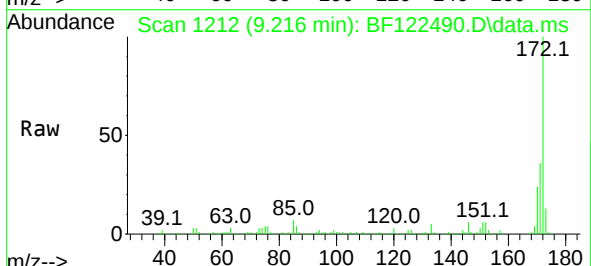
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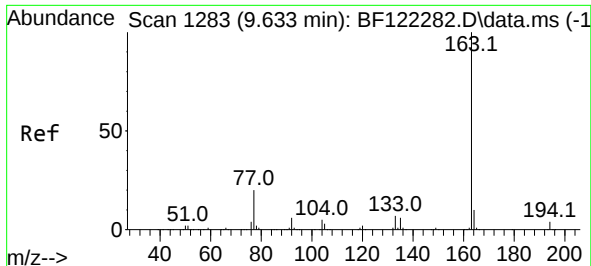
Tgt Ion: 330 Resp: 315561
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 30.6 22.3 33.5



#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

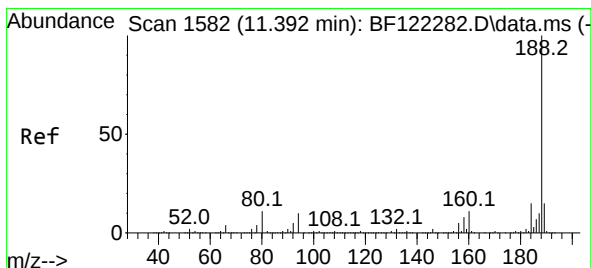
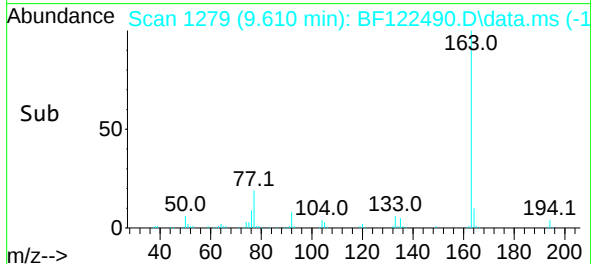
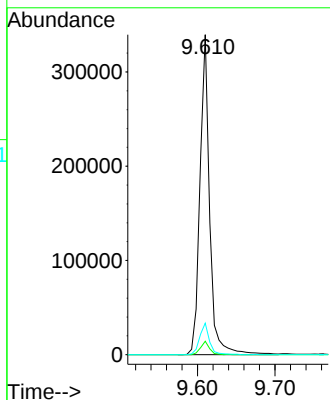
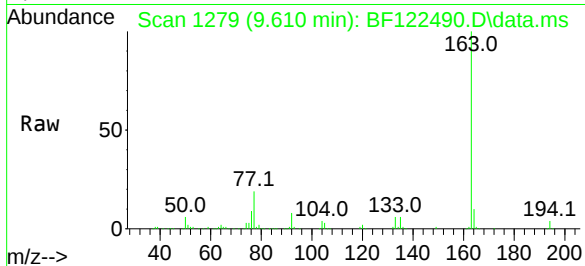




#50
Dimethylphthalate
Concen: 9.91 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

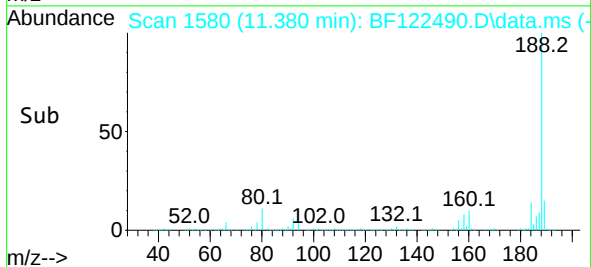
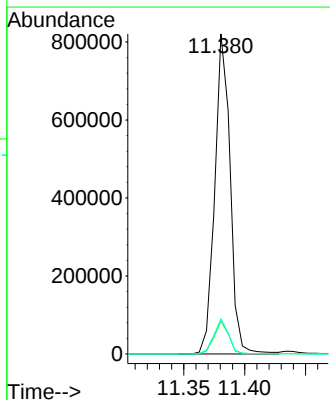
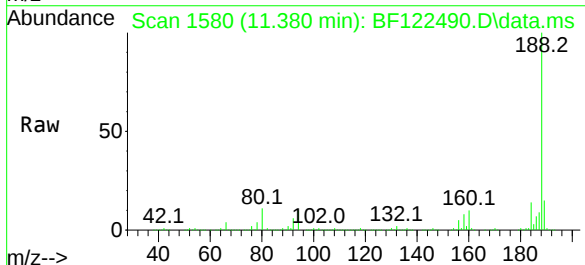
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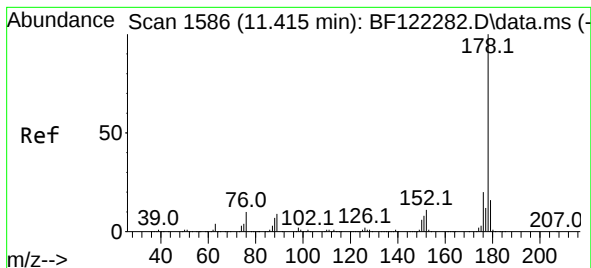
Tgt Ion:163 Resp: 294607
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.9 8.2 12.4



#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

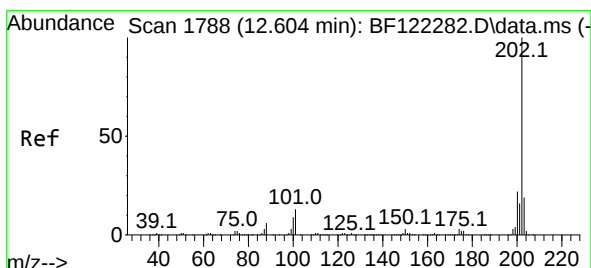
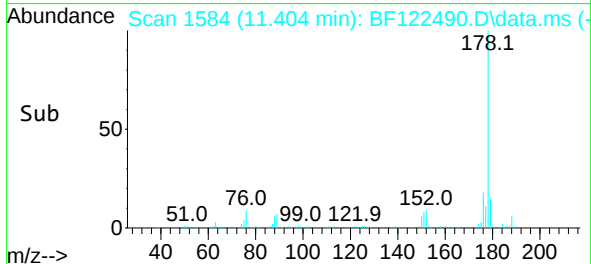
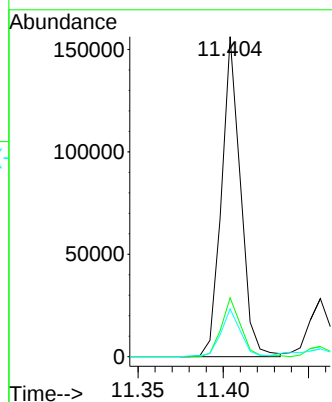
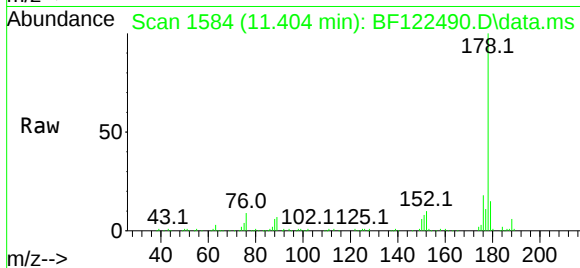




#71
Phenanthrene
Concen: 2.97 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

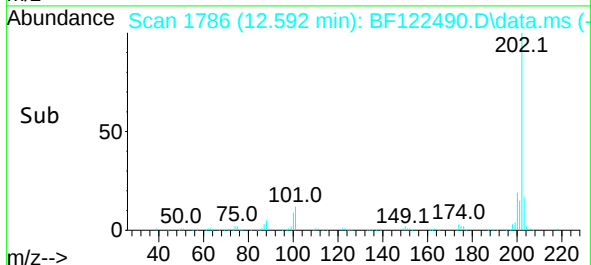
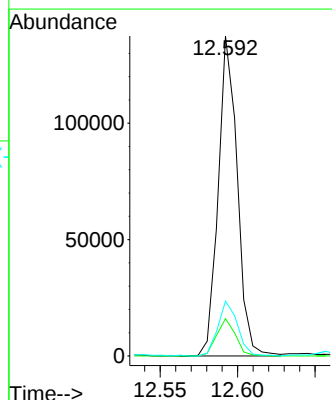
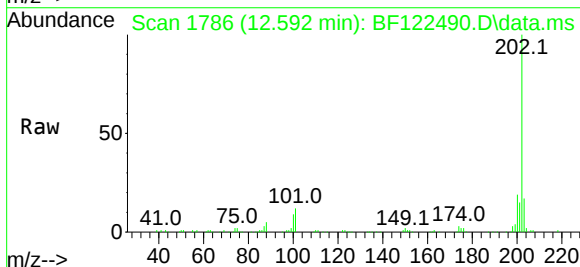
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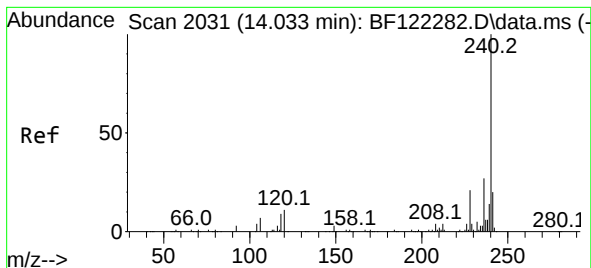
Tgt Ion:178 Resp: 121420
Ion Ratio Lower Upper
178 100
176 18.4 15.9 23.9
179 14.9 12.2 18.4



#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

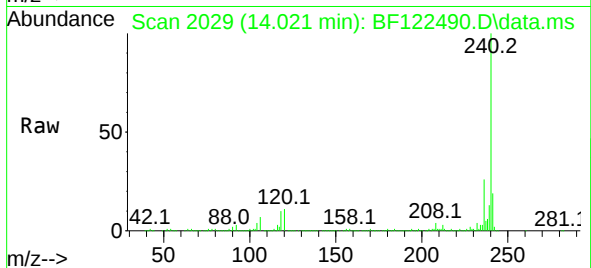
Tgt Ion:202 Resp: 117494
Ion Ratio Lower Upper
202 100
101 11.6 0.0 33.4
203 17.1 0.0 37.9



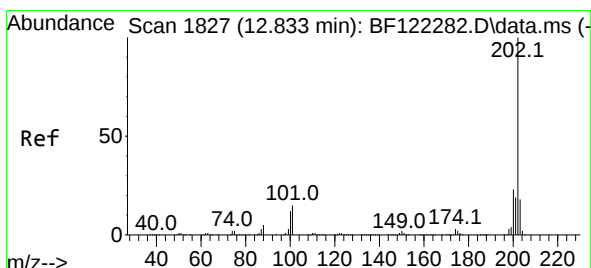
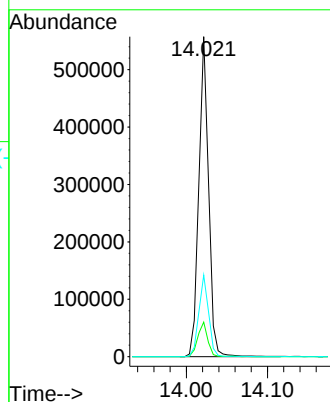
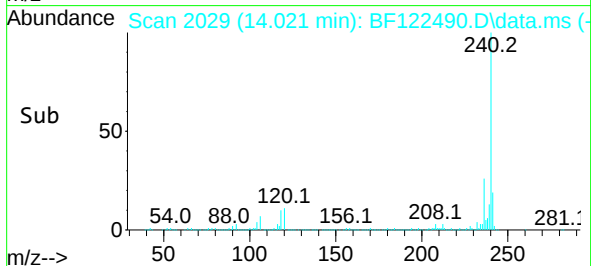


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

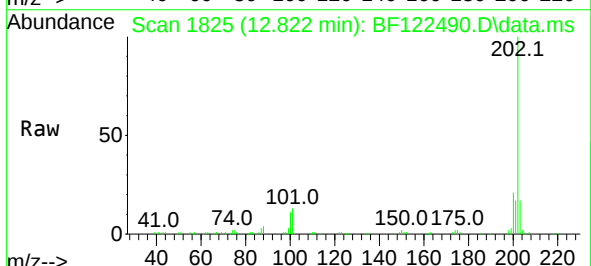
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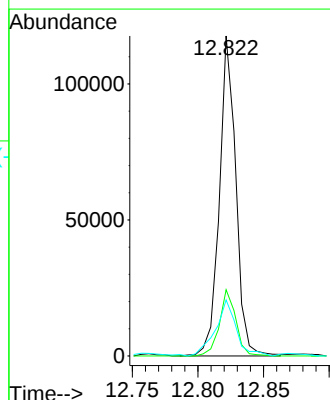
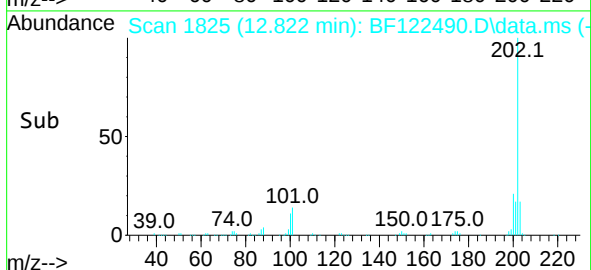
Tgt Ion:240 Resp: 468266
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.5 20.9 31.3

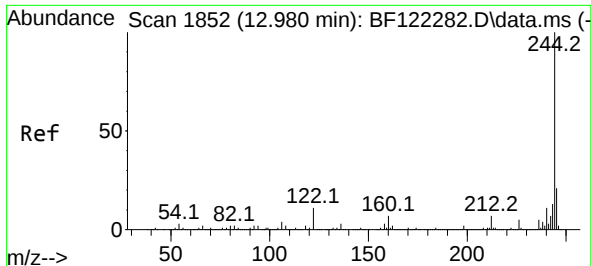


#78
Pyrene
Concen: 3.12 ng
RT: 12.822 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00



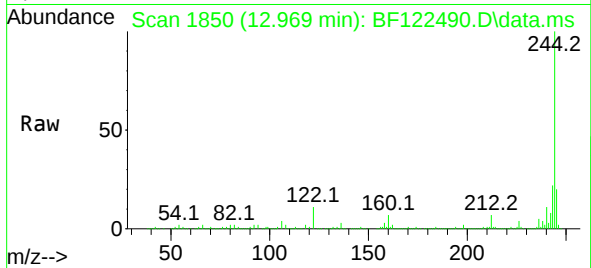
Tgt Ion:202 Resp: 102587
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 17.5 14.6 21.8



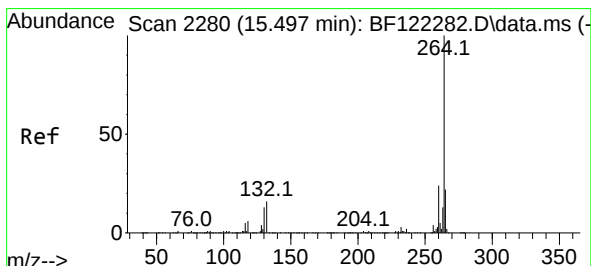
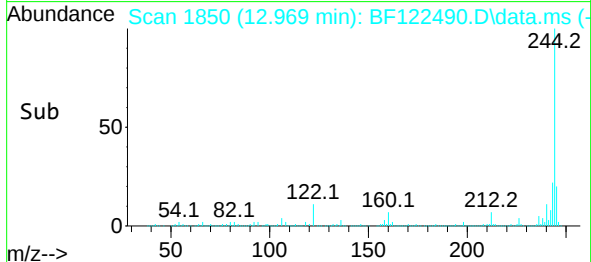
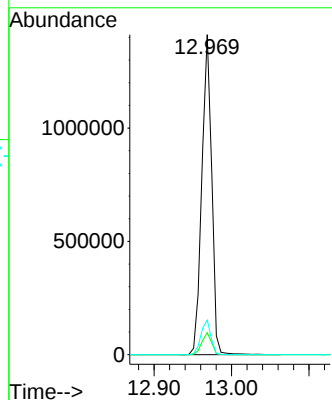


#79
Terphenyl-d14
Concen: 56.59 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF122490.D
Acq: 25 Nov 2020 18:00

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



#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

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

