

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
 Data File : BF127977.D
 Acq On : 28 Apr 2022 13:27
 Operator : CG\JU
 Sample : N2557-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Apr 28 17:23:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	102986	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	414780	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	232284	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	412140	20.000	ng	0.00
76) Chrysene-d12	14.110	240	249167	20.000	ng	0.00
86) Perylene-d12	15.621	264	218899	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	872269	134.905	ng	0.02
7) Phenol-d6	6.557	99	1043445	124.371	ng	0.00
23) Nitrobenzene-d5	7.498	82	890397	100.945	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	361421	154.564	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1406911	102.466	ng	0.00
79) Terphenyl-d14	13.057	244	1517698	111.379	ng	0.00

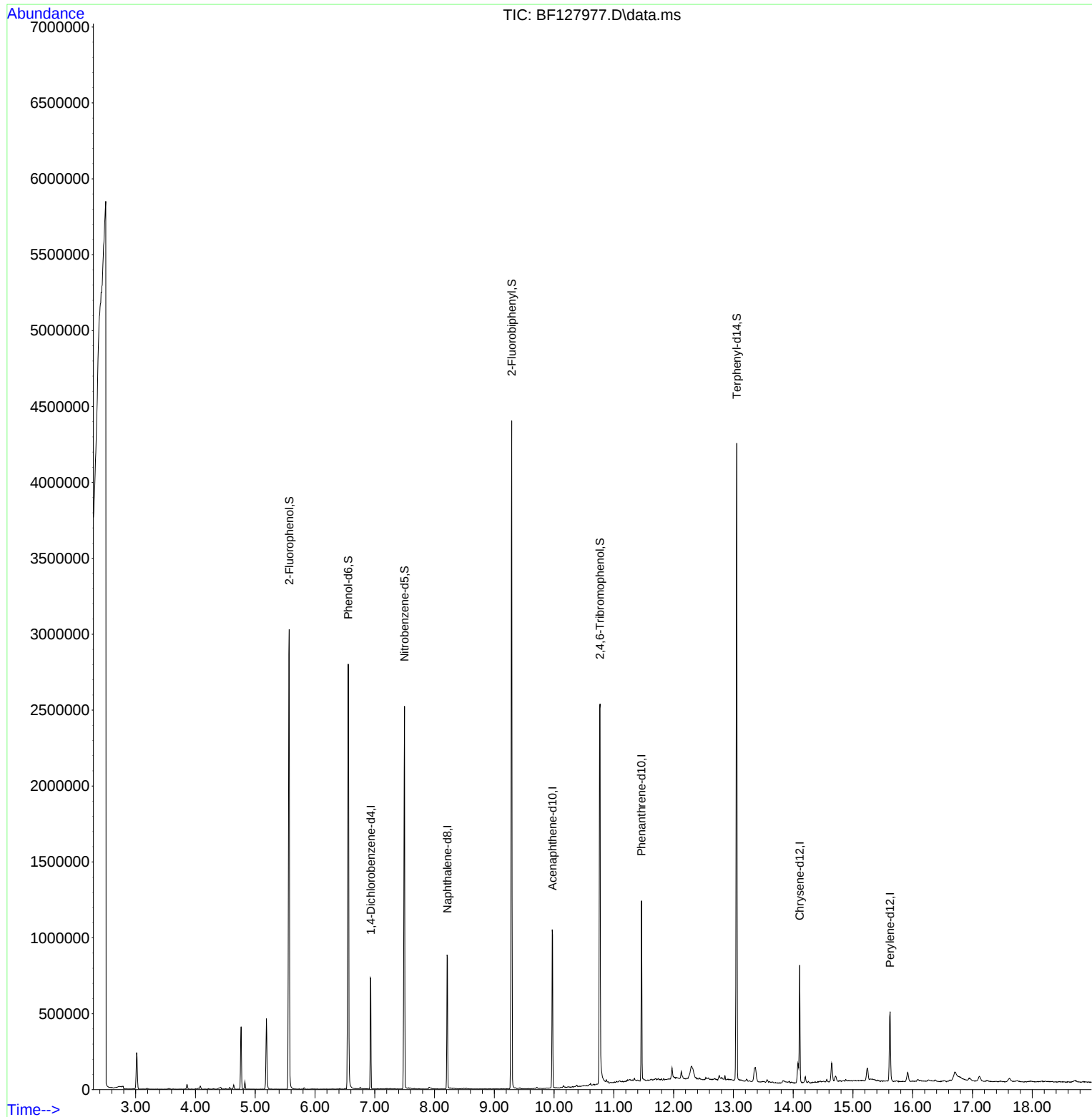
Target Compounds	Qvalue

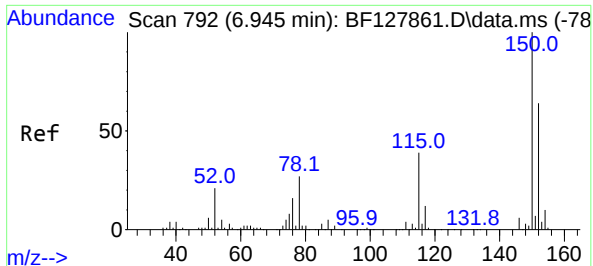
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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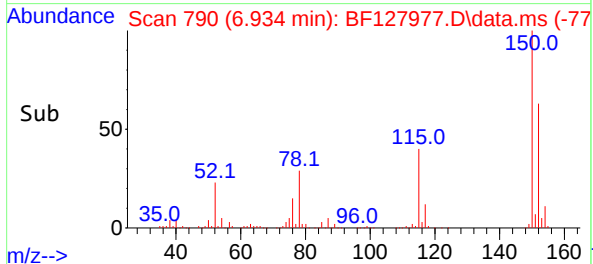
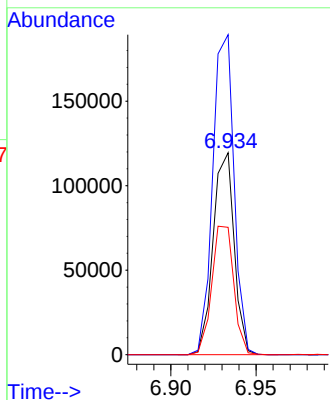
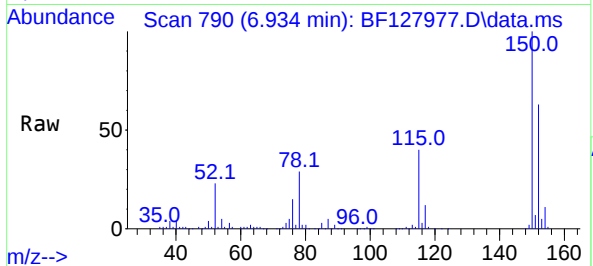




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF127977.D
Acq: 28 Apr 2022 13:27

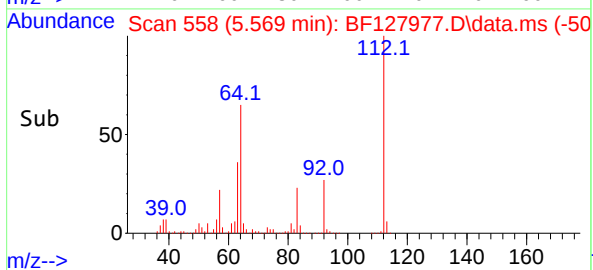
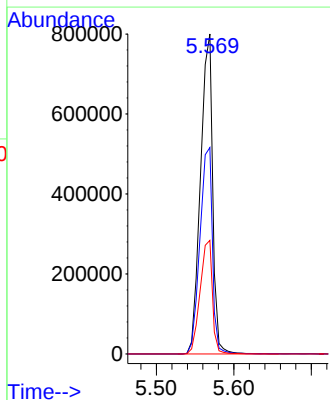
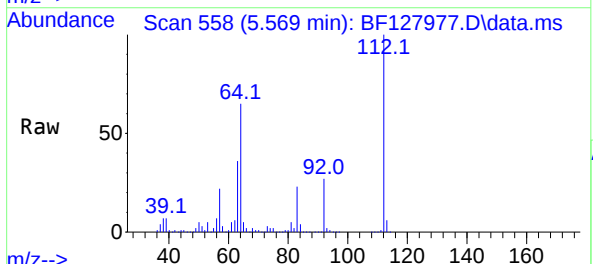
Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

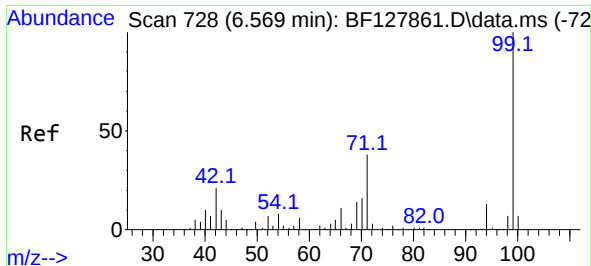
Tgt Ion:152 Resp: 102986
Ion Ratio Lower Upper
152 100
150 158.5 125.3 187.9
115 63.1 48.8 73.2



#5
2-Fluorophenol
Concen: 134.905 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.018 min
Lab File: BF127977.D
Acq: 28 Apr 2022 13:27

Tgt Ion:112 Resp: 872269
Ion Ratio Lower Upper
112 100
64 64.5 49.5 74.3
63 35.5 26.3 39.5

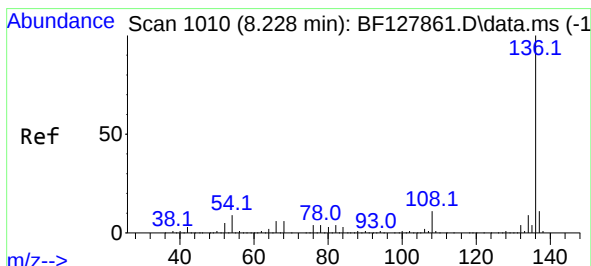
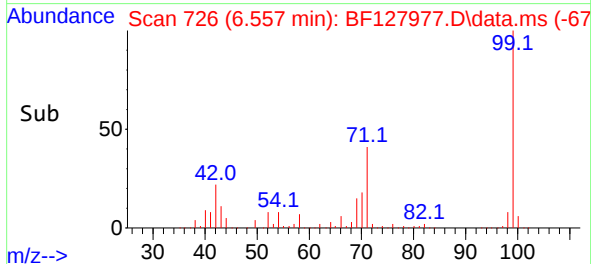
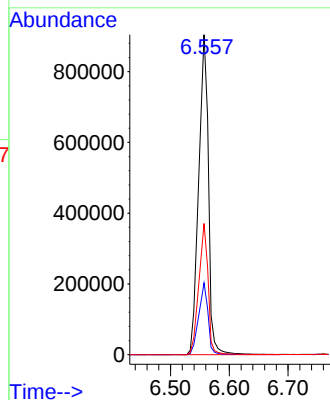
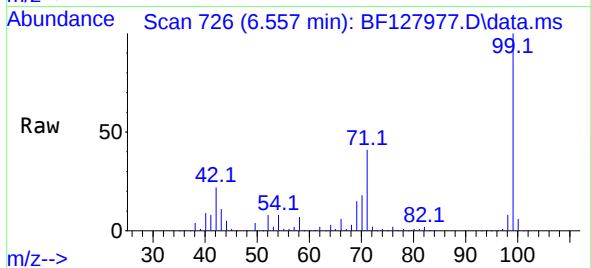




#7
Phenol-d6
Concen: 124.371 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127977.D
Acq: 28 Apr 2022 13:27

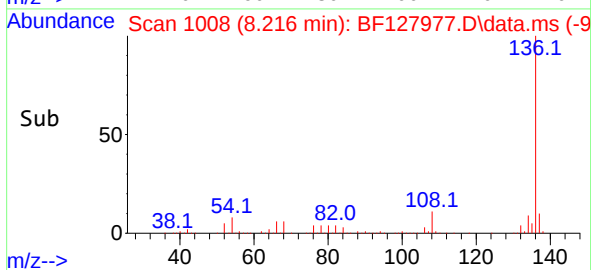
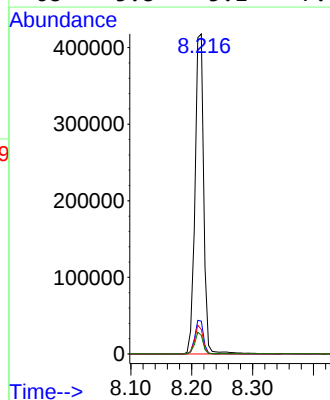
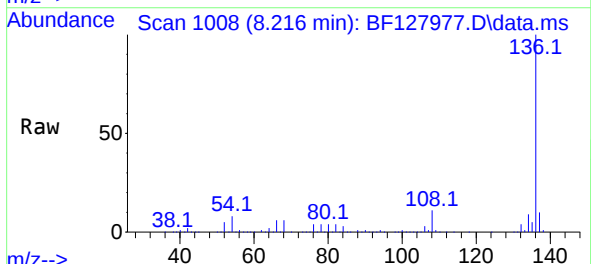
Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 99 Resp: 1043445
Ion Ratio Lower Upper
99 100
42 22.4 16.6 24.8
71 41.0 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF127977.D
Acq: 28 Apr 2022 13:27

Tgt Ion: 136 Resp: 414780
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 7.7 6.8 10.2
68 5.8 5.1 7.7





#23

Nitrobenzene-d5

Concen: 100.945 ng

RT: 7.498 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127977.D

Acq: 28 Apr 2022 13:27

Instrument :

BNA_F

ClientSampleId :

SOIL-CUTTINGS

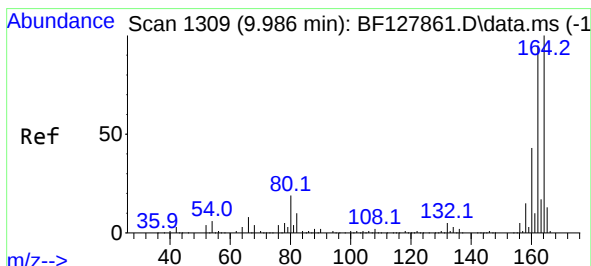
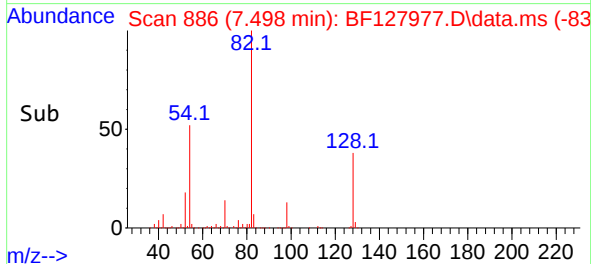
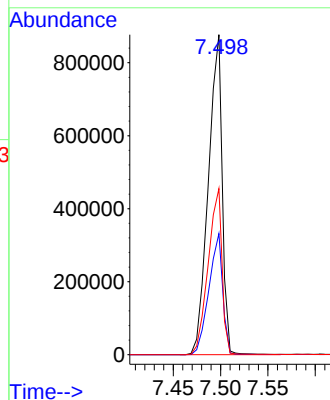
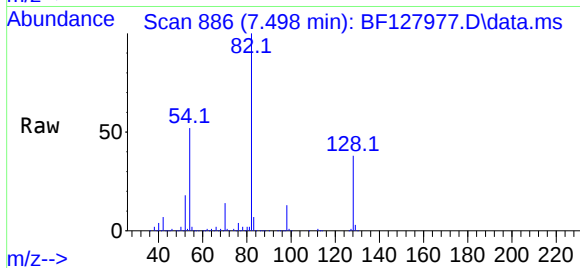
Tgt Ion: 82 Resp: 890397

Ion Ratio Lower Upper

82 100

128 37.8 30.0 45.0

54 51.9 41.3 61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.975 min Scan# 1307

Delta R.T. -0.000 min

Lab File: BF127977.D

Acq: 28 Apr 2022 13:27

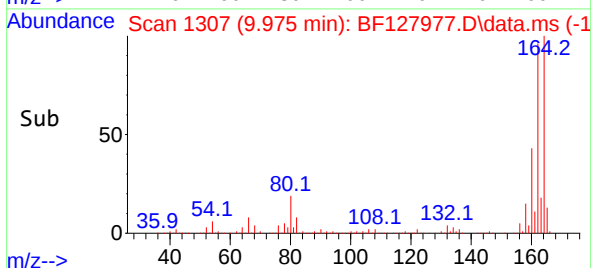
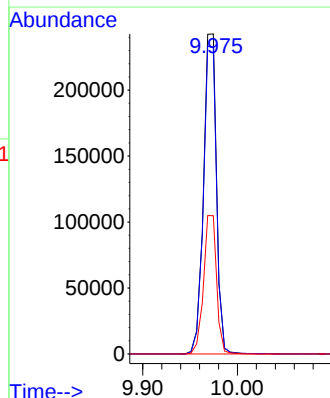
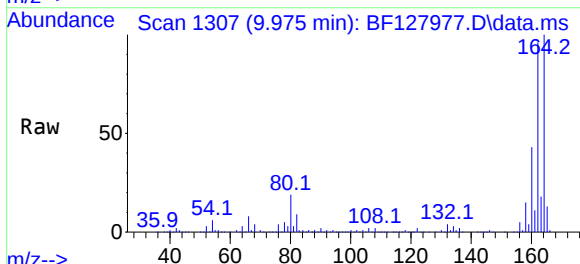
Tgt Ion:164 Resp: 232284

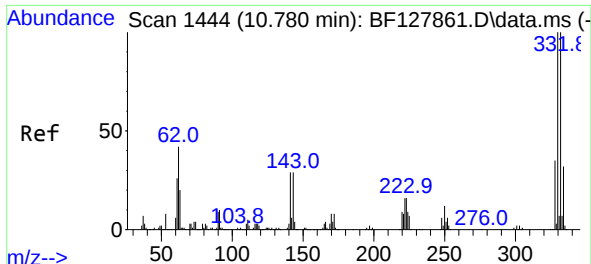
Ion Ratio Lower Upper

164 100

162 95.7 76.0 114.0

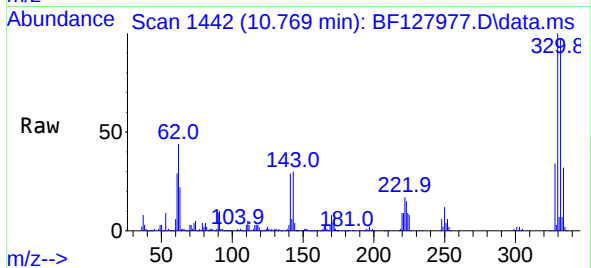
160 43.2 34.8 52.2



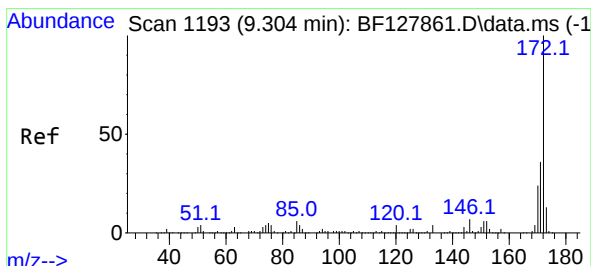
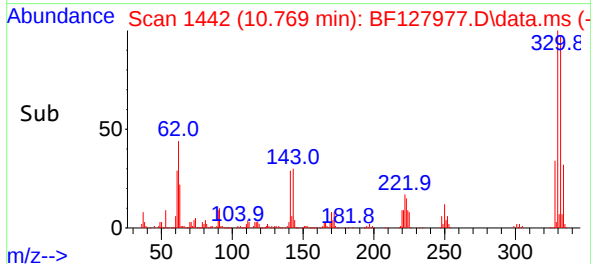
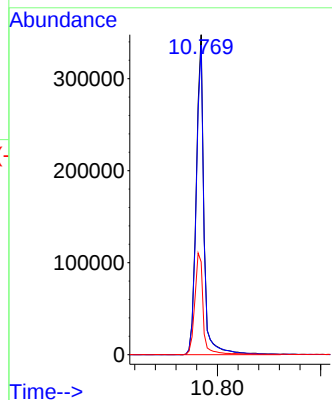


#42
2,4,6-Tribromophenol
Concen: 154.564 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF127977.D
Acq: 28 Apr 2022 13:27

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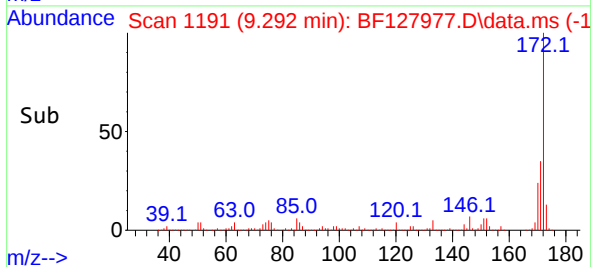
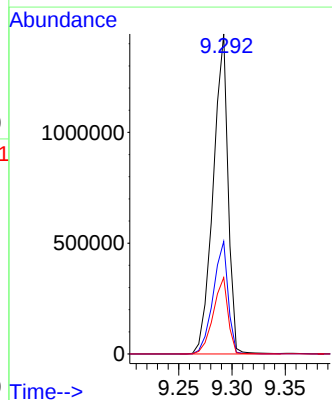
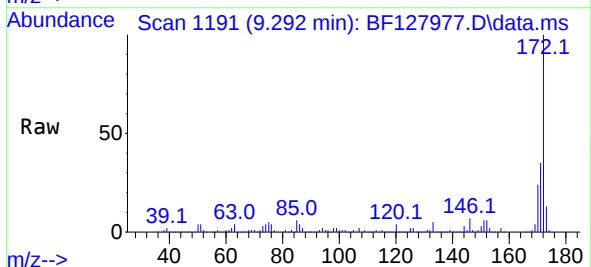


Tgt Ion:330 Resp: 361421
Ion Ratio Lower Upper
330 100
332 96.9 79.0 118.4
141 34.4 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 102.466 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127977.D
Acq: 28 Apr 2022 13:27

Tgt Ion:172 Resp: 1406911
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.9 19.1 28.7

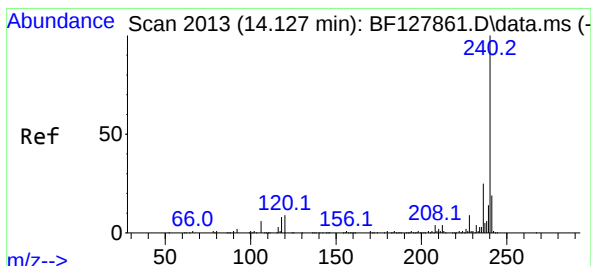
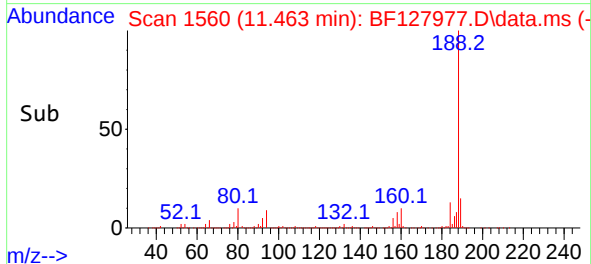
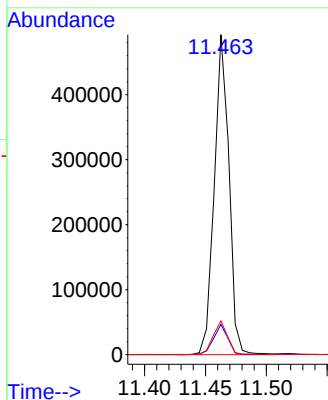
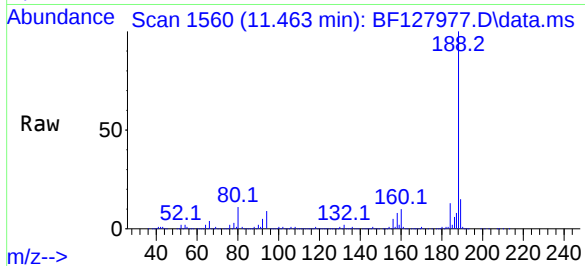




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127977.D
Acq: 28 Apr 2022 13:27

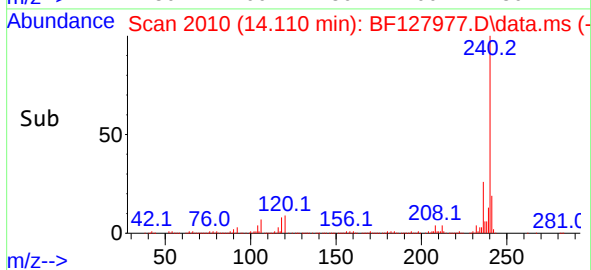
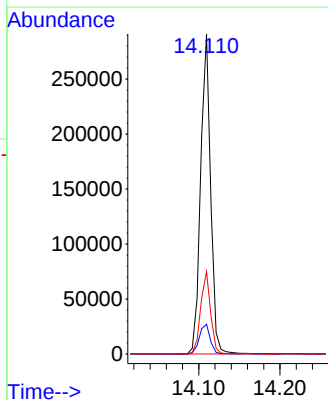
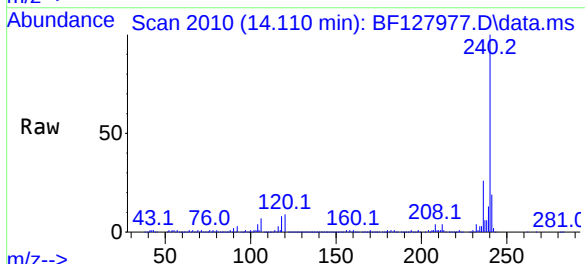
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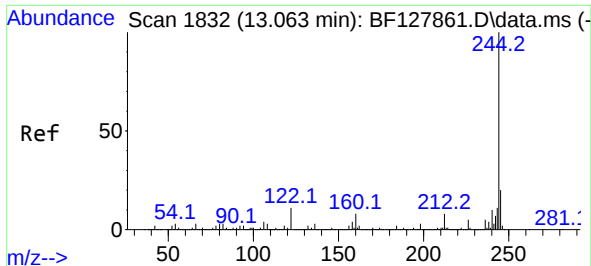
Tgt Ion:188 Resp: 412140
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127977.D
Acq: 28 Apr 2022 13:27

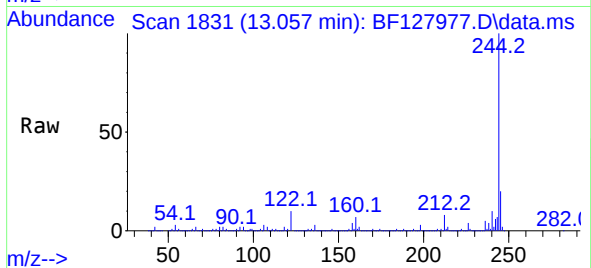
Tgt Ion:240 Resp: 249167
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 25.8 20.3 30.5



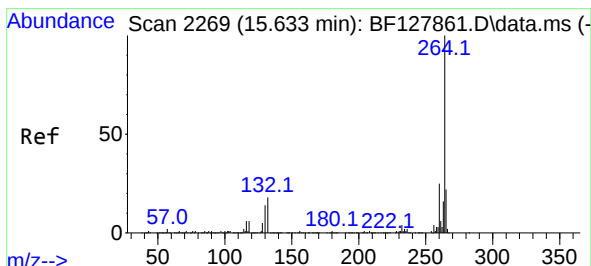
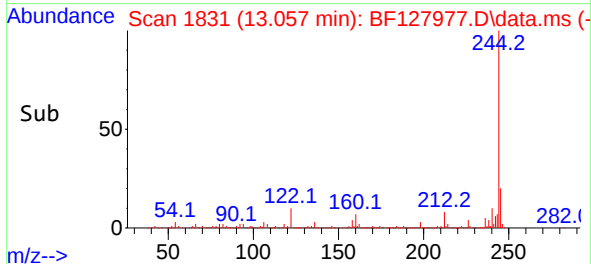
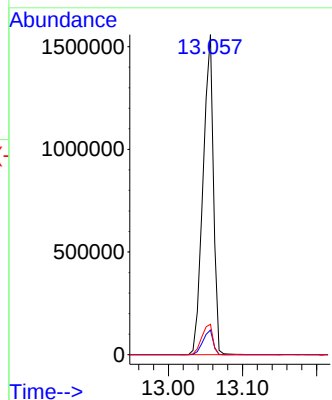


#79
 Terphenyl-d14
 Concen: 111.379 ng
 RT: 13.057 min Scan# 1832
 Delta R.T. -0.000 min
 Lab File: BF127977.D
 Acq: 28 Apr 2022 13:27

Instrument :
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Tgt Ion:244 Resp: 1517698
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 9.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2267
 Delta R.T. -0.000 min
 Lab File: BF127977.D
 Acq: 28 Apr 2022 13:27

Tgt Ion:264 Resp: 218899
 Ion Ratio Lower Upper
 264 100
 260 22.8 20.1 30.1
 265 20.5 17.5 26.3

