

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128078.D
 Acq On : 04 May 2022 18:20
 Operator : CG\JU
 Sample : N2665-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11,15

Quant Time: May 05 06:06:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	80939	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	316392	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	170176	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	257965	20.000	ng	-0.01
76) Chrysene-d12	14.092	240	200765	20.000	ng	#-0.01
86) Perylene-d12	15.598	264	175589	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	466070	91.717	ng	0.00
7) Phenol-d6	6.539	99	611242	92.700	ng	-0.01
23) Nitrobenzene-d5	7.475	82	429603	63.850	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	144837	84.546	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	695056	69.096	ng	0.00
79) Terphenyl-d14	13.033	244	568957	51.820	ng	-0.01

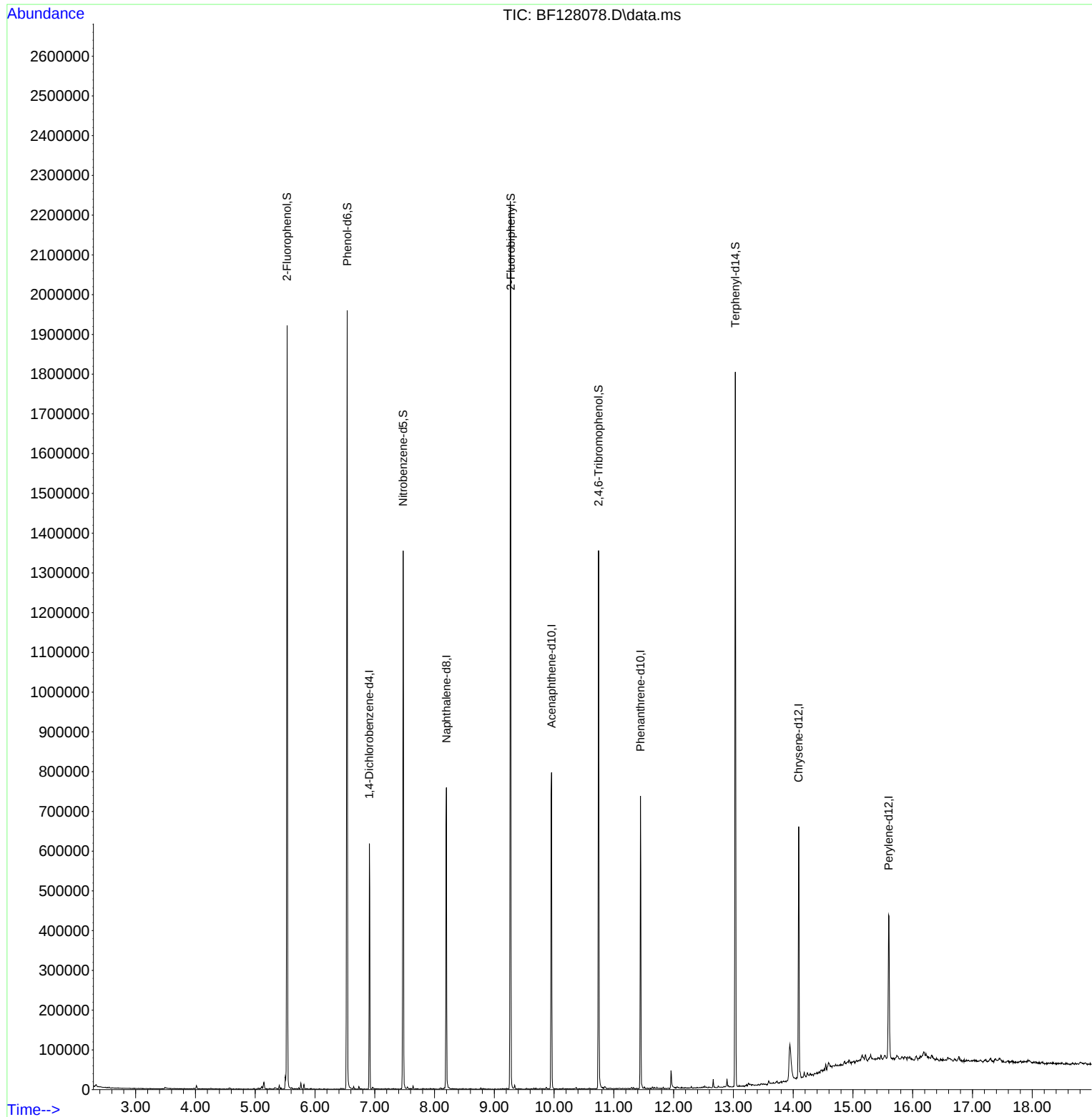
Target Compounds	Qvalue

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

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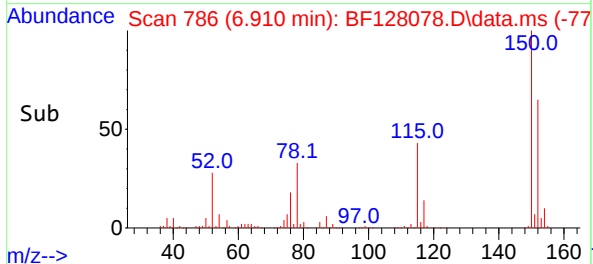
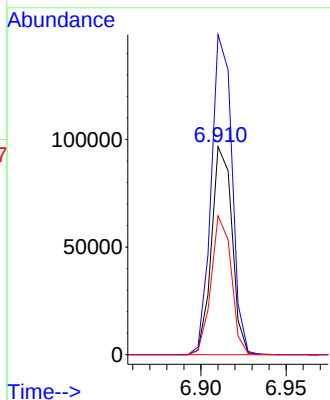
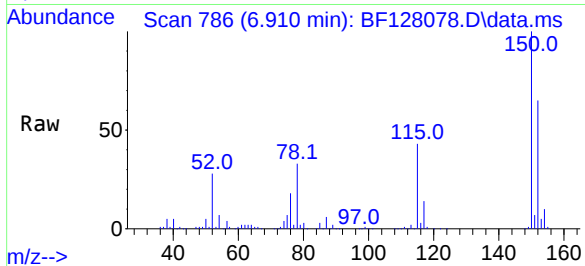




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128078.D
Acq: 04 May 2022 18:20

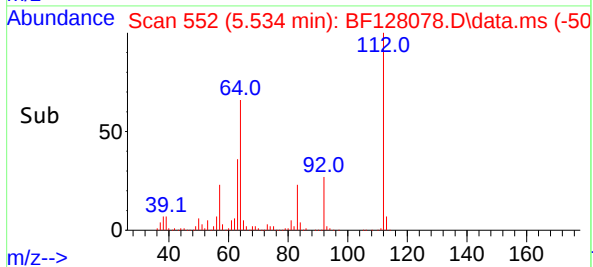
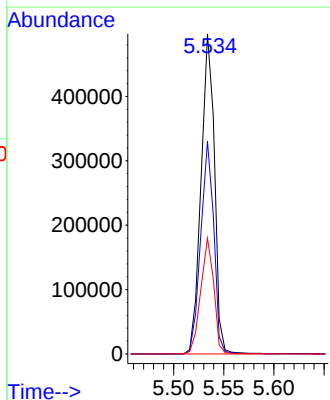
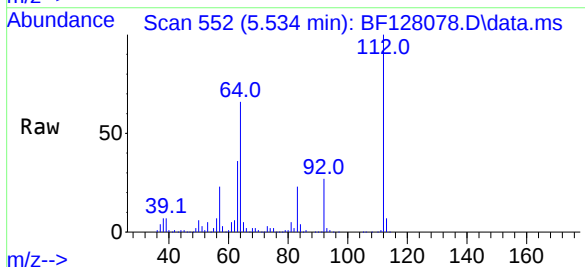
Instrument :
BNA_F
ClientSampleId :
SB-11,15

Tgt Ion:152 Resp: 80939
Ion Ratio Lower Upper
152 100
150 153.9 125.3 187.9
115 66.8 48.8 73.2

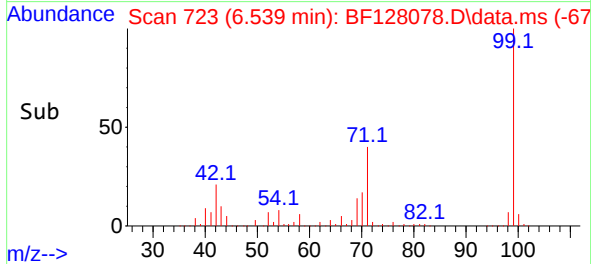
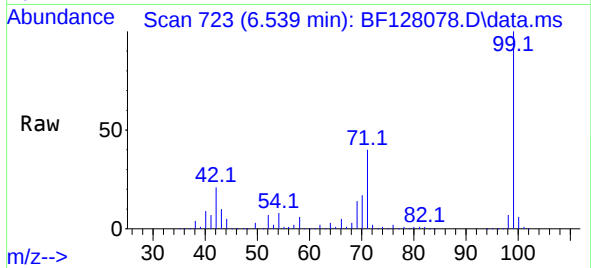
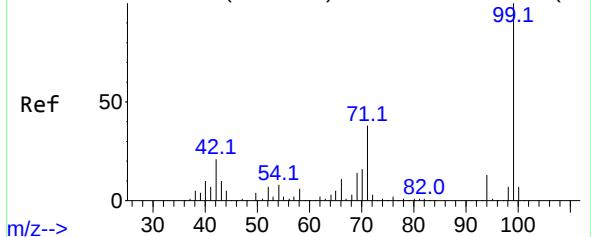


#5
2-Fluorophenol
Concen: 91.717 ng
RT: 5.534 min Scan# 552
Delta R.T. -0.006 min
Lab File: BF128078.D
Acq: 04 May 2022 18:20

Tgt Ion:112 Resp: 466070
Ion Ratio Lower Upper
112 100
64 66.4 49.5 74.3
63 36.1 26.3 39.5



Abundance Scan 728 (6.569 min): BF127861.D\data.ms (-72



#7

Phenol-d6

Concen: 92.700 ng

RT: 6.539 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF128078.D

Acq: 04 May 2022 18:20

Instrument :

BNA_F

ClientSampleId :

SB-11,15

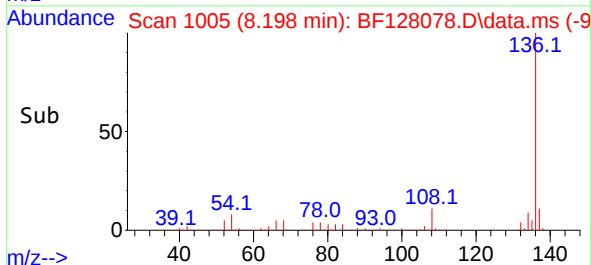
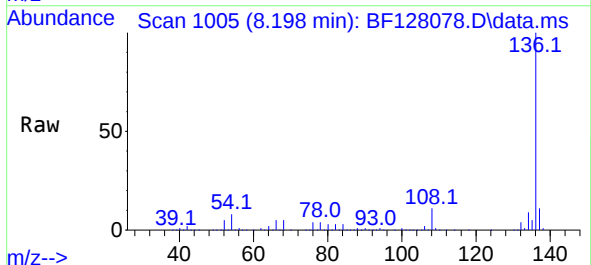
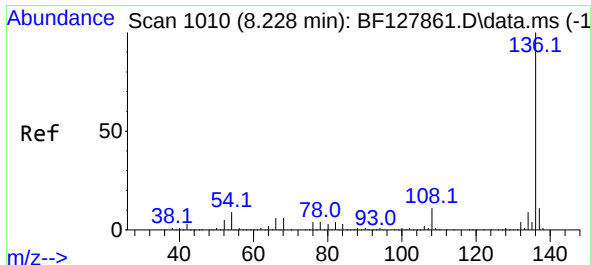
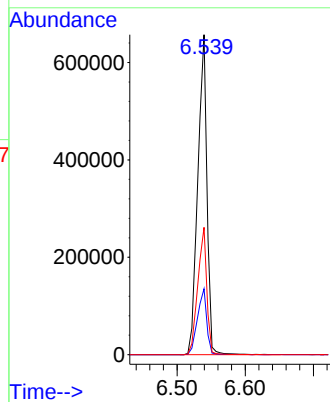
Tgt Ion: 99 Resp: 611242

Ion Ratio Lower Upper

99 100

42 20.6 16.6 24.8

71 39.8 30.0 45.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.198 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF128078.D

Acq: 04 May 2022 18:20

Tgt Ion: 136 Resp: 316392

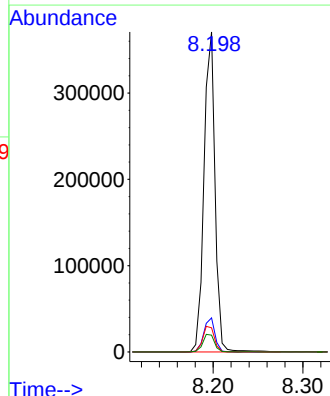
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 7.6 6.8 10.2

68 5.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 63.850 ng

RT: 7.475 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128078.D

Acq: 04 May 2022 18:20

Instrument :

BNA_F

ClientSampleId :

SB-11,15

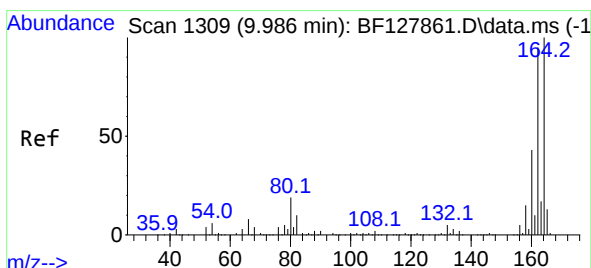
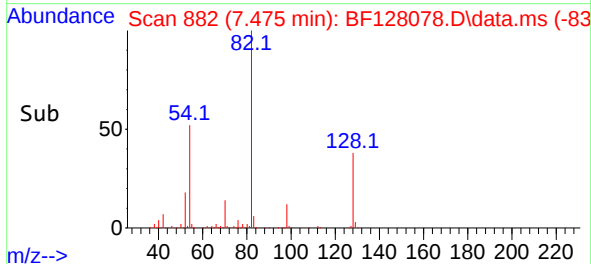
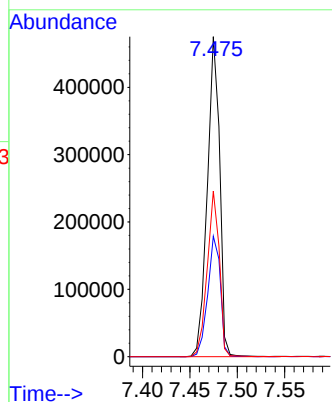
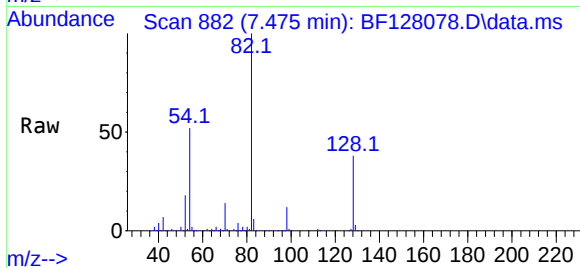
Tgt Ion: 82 Resp: 429603

Ion Ratio Lower Upper

82 100

128 37.6 30.0 45.0

54 51.7 41.3 61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF128078.D

Acq: 04 May 2022 18:20

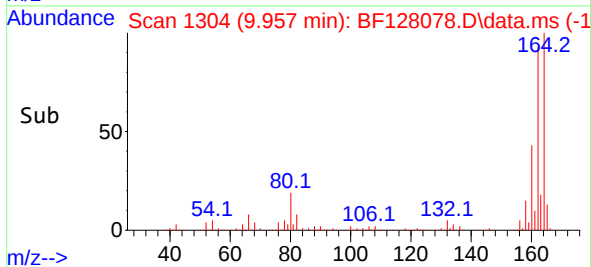
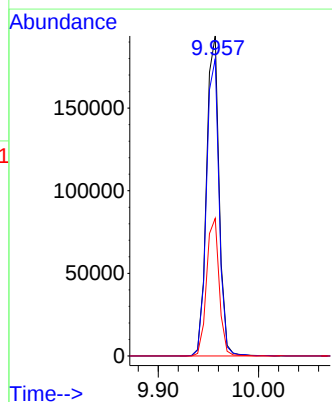
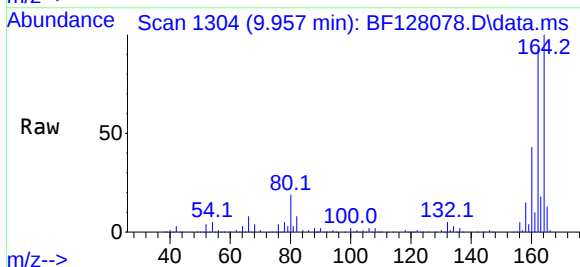
Tgt Ion: 164 Resp: 170176

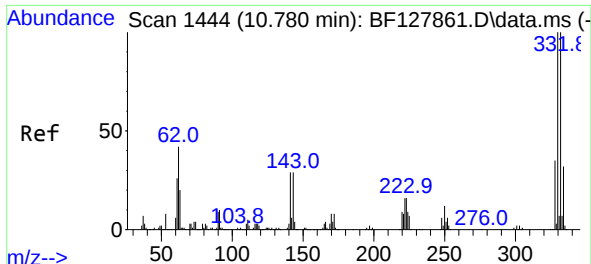
Ion Ratio Lower Upper

164 100

162 92.9 76.0 114.0

160 43.0 34.8 52.2

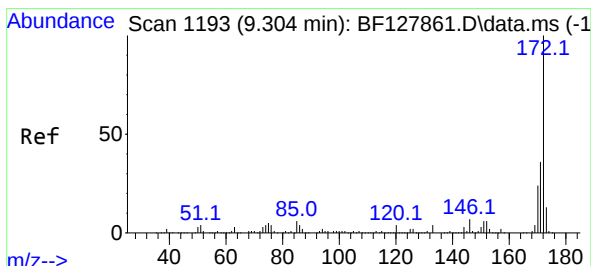
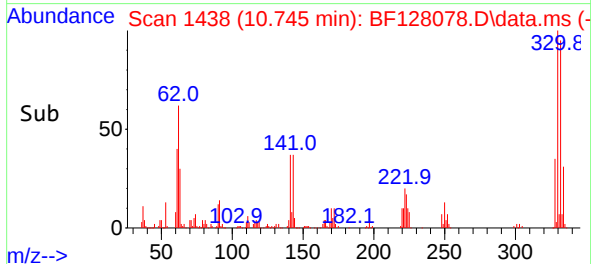
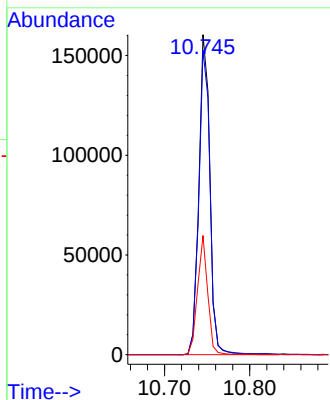
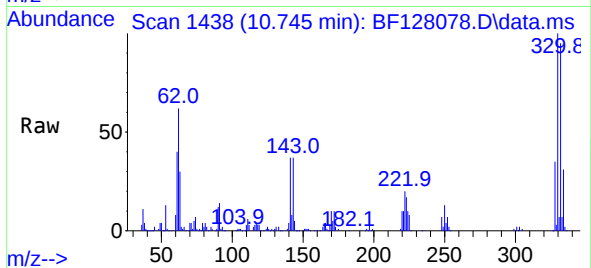




#42
2,4,6-Tribromophenol
Concen: 84.546 ng
RT: 10.745 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF128078.D
Acq: 04 May 2022 18:20

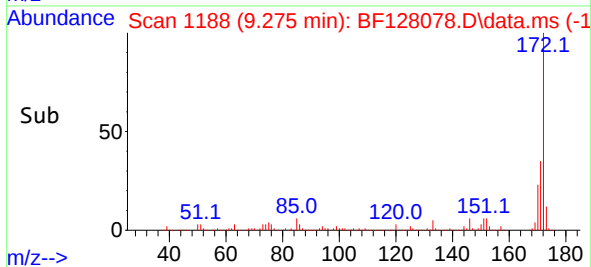
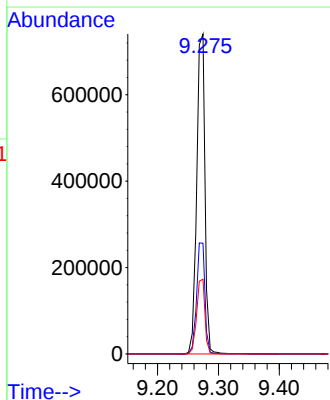
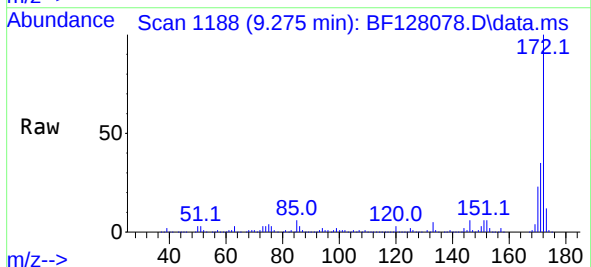
Instrument :
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ClientSampleId :
SB-11,15

Tgt Ion:330 Resp: 144837
Ion Ratio Lower Upper
330 100
332 96.2 79.0 118.4
141 34.1 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 69.096 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF128078.D
Acq: 04 May 2022 18:20

Tgt Ion:172 Resp: 695056
Ion Ratio Lower Upper
172 100
171 34.6 28.6 42.8
170 23.3 19.1 28.7

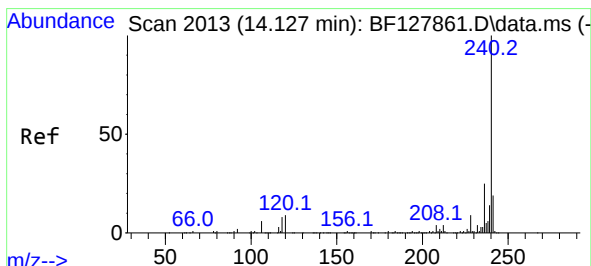
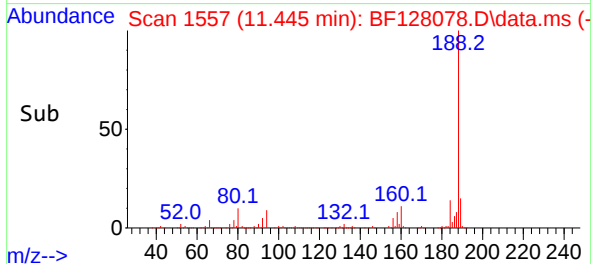
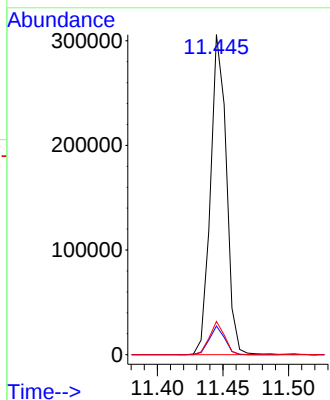
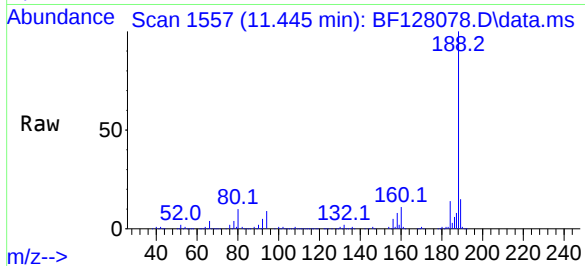




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128078.D
Acq: 04 May 2022 18:20

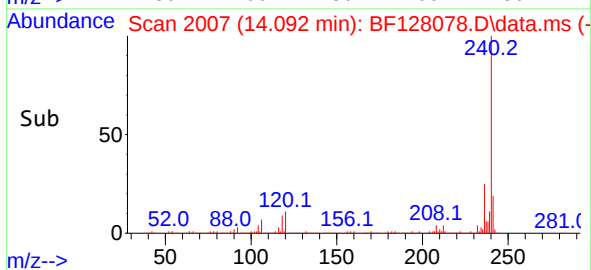
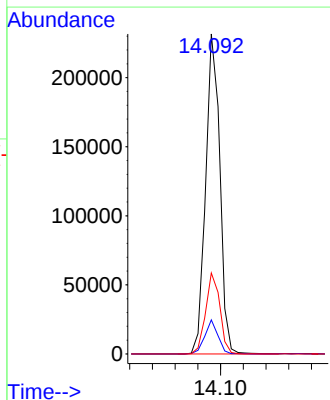
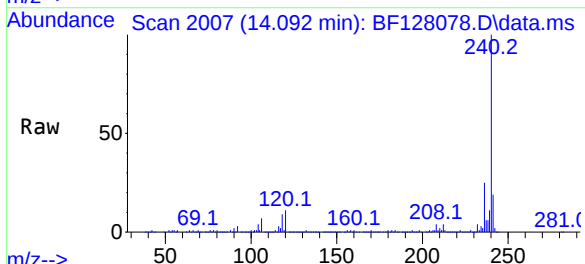
Instrument :
BNA_F
ClientSampleId :
SB-11,15

Tgt Ion:188 Resp: 257965
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 10.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF128078.D
Acq: 04 May 2022 18:20

Tgt Ion:240 Resp: 200765
Ion Ratio Lower Upper
240 100
120 10.6 7.0 10.6#
236 25.3 20.3 30.5

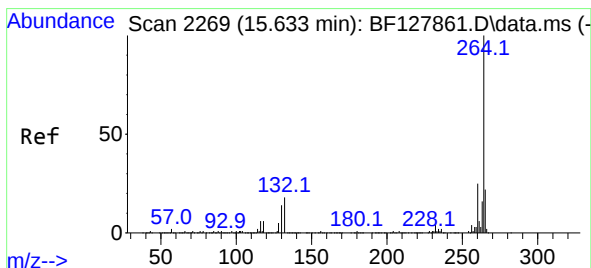
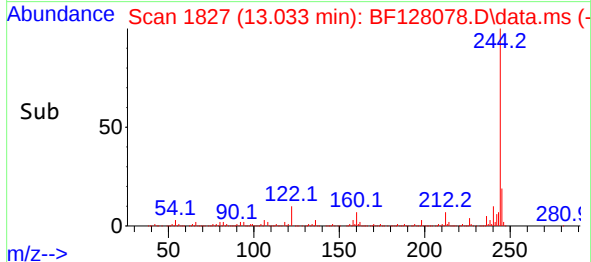
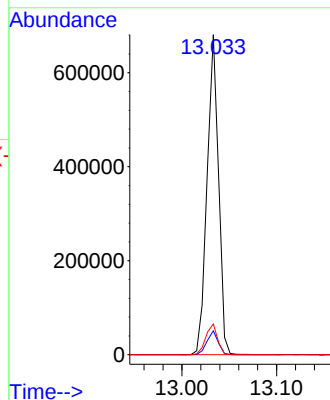
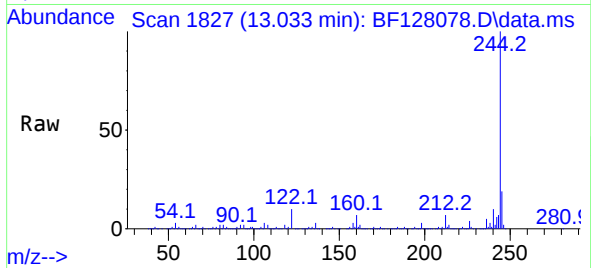




#79
 Terphenyl-d14
 Concen: 51.820 ng
 RT: 13.033 min Scan# 1832
 Delta R.T. -0.012 min
 Lab File: BF128078.D
 Acq: 04 May 2022 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-11,15

Tgt Ion:244 Resp: 568957
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.6 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.598 min Scan# 2263
 Delta R.T. -0.012 min
 Lab File: BF128078.D
 Acq: 04 May 2022 18:20

Tgt Ion:264 Resp: 175589
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 21.2 17.5 26.3

