

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128308.D
 Acq On : 18 May 2022 12:59
 Operator : CG\JU
 Sample : PB144780TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144780TB

Quant Time: May 18 16:49:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	108172	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	433632	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	255517	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	482045	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	360842	20.000	ng	-0.01
86) Perylene-d12	15.539	264	264670	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	841059	123.947	ng	0.01
7) Phenol-d6	6.510	99	1109400	123.609	ng	0.00
23) Nitrobenzene-d5	7.439	82	837342	86.888	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	346086	118.099	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1346537	82.457	ng	-0.01
79) Terphenyl-d14	12.998	244	1656618	86.146	ng	0.00

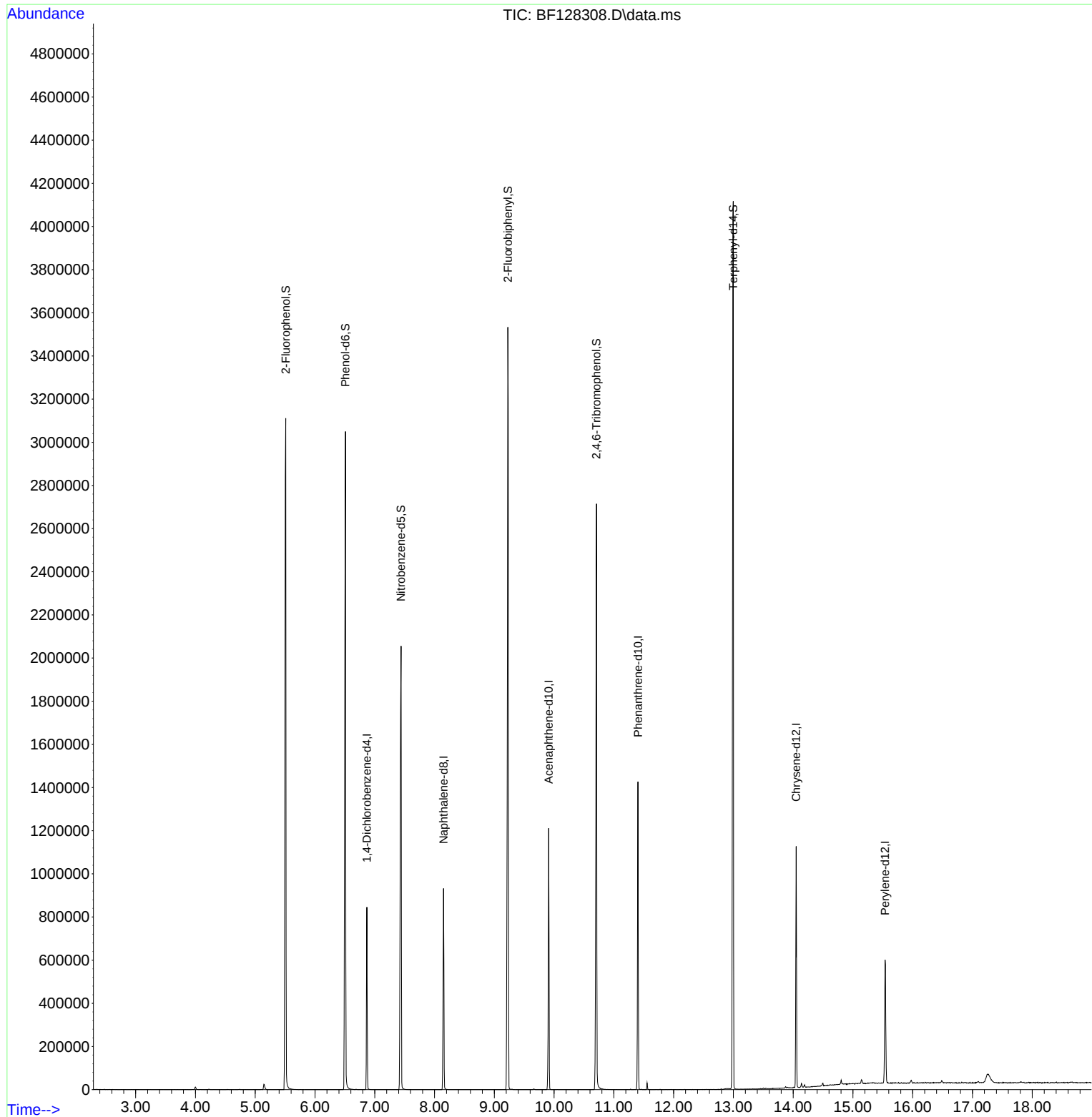
Target Compounds	Qvalue

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

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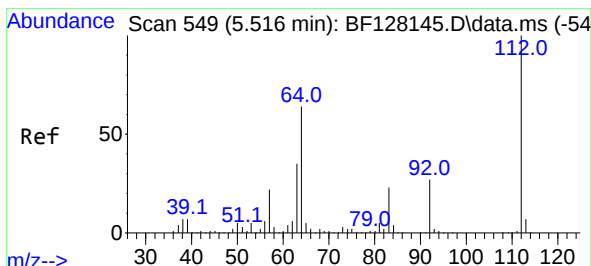
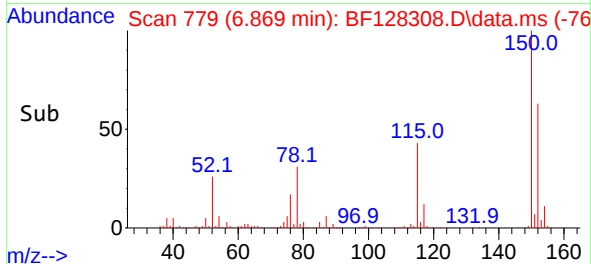
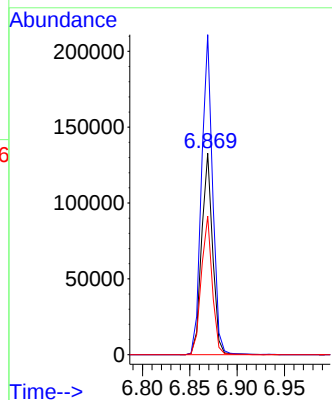
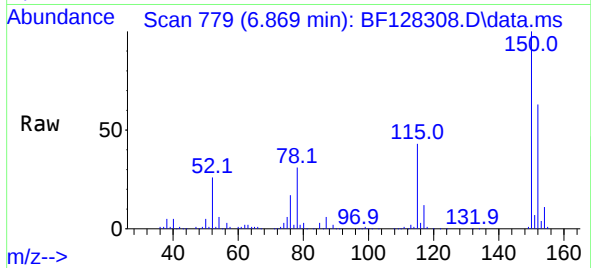




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

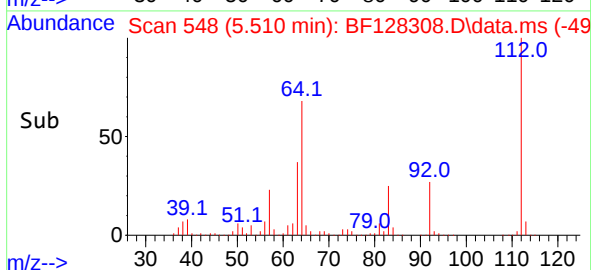
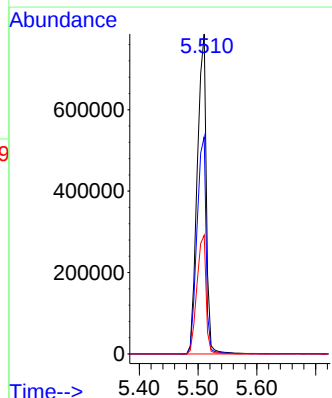
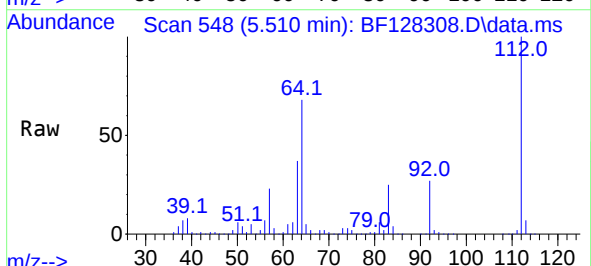
Instrument :
BNA_F
ClientSampleId :
PB144780TB

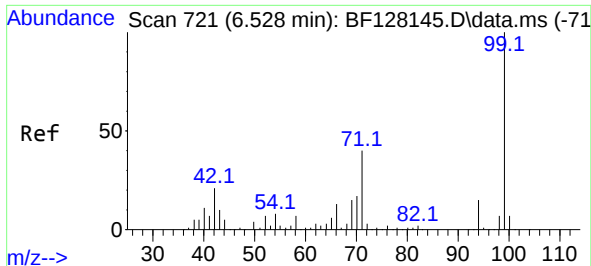
Tgt Ion:152 Resp: 108172
Ion Ratio Lower Upper
152 100
150 158.8 125.3 187.9
115 68.7 48.8 73.2



#5
2-Fluorophenol
Concen: 123.947 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.012 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

Tgt Ion:112 Resp: 841059
Ion Ratio Lower Upper
112 100
64 67.8 49.5 74.3
63 37.1 26.3 39.5

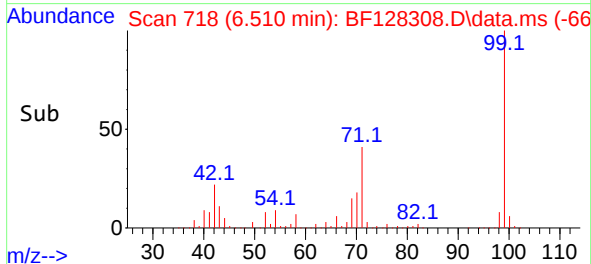
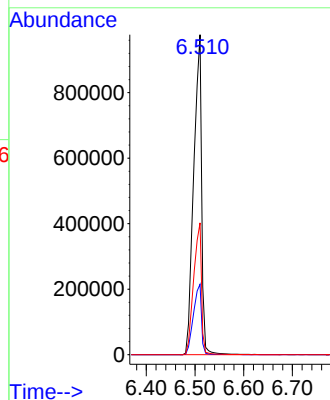
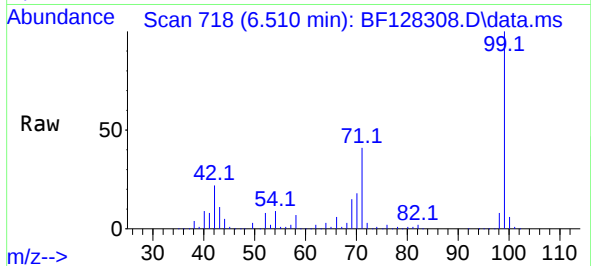




#7
Phenol-d6
Concen: 123.609 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

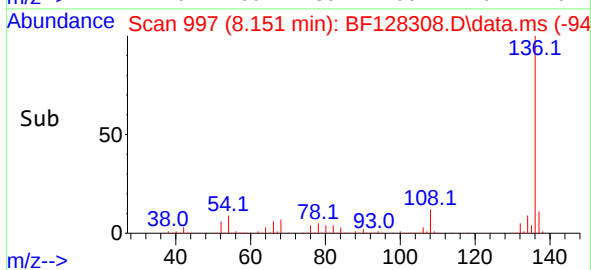
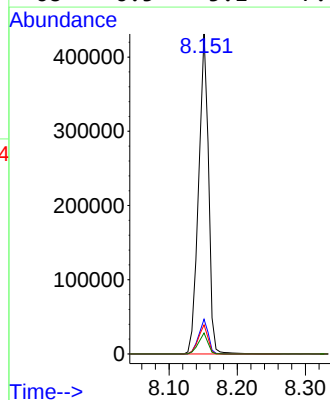
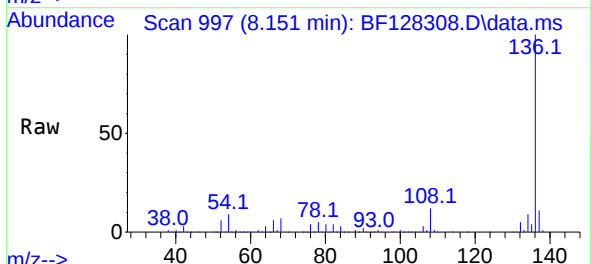
Instrument :
BNA_F
ClientSampleId :
PB144780TB

Tgt Ion: 99 Resp: 1109400
Ion Ratio Lower Upper
99 100
42 22.0 16.6 24.8
71 41.2 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.012 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

Tgt Ion: 136 Resp: 433632
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.1 6.8 10.2
68 6.5 5.1 7.7

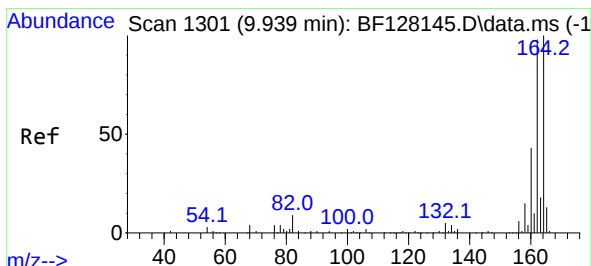
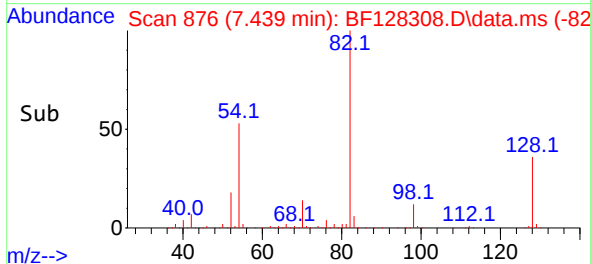
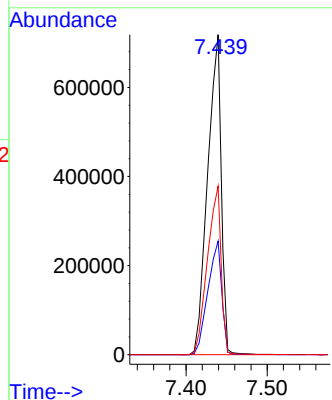
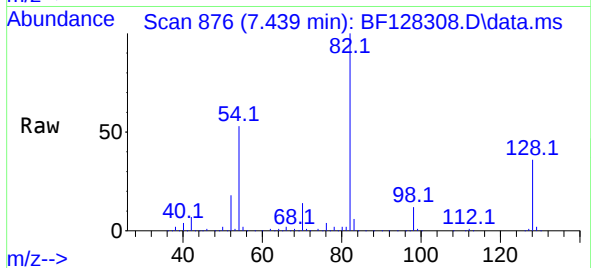




#23
Nitrobenzene-d5
Concen: 86.888 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

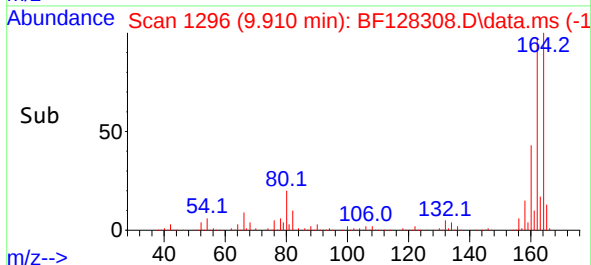
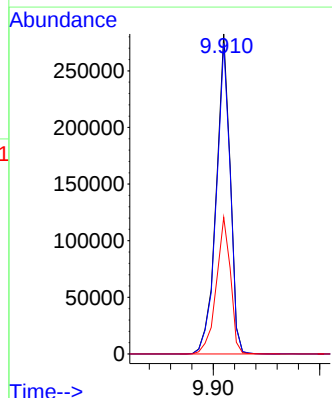
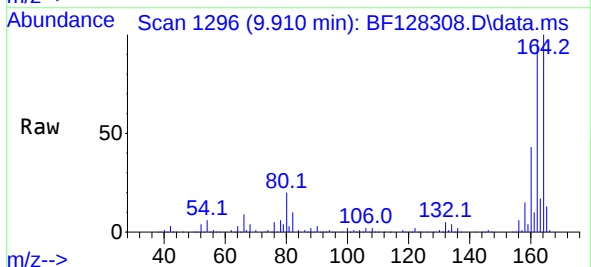
Instrument :
BNA_F
ClientSampleId :
PB144780TB

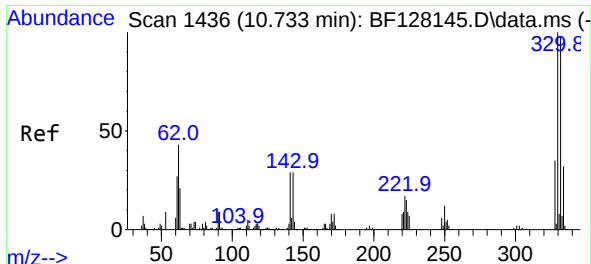
Tgt Ion: 82 Resp: 837342
Ion Ratio Lower Upper
82 100
128 35.5 30.0 45.0
54 52.7 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

Tgt Ion:164 Resp: 255517
Ion Ratio Lower Upper
164 100
162 97.0 76.0 114.0
160 42.7 34.8 52.2

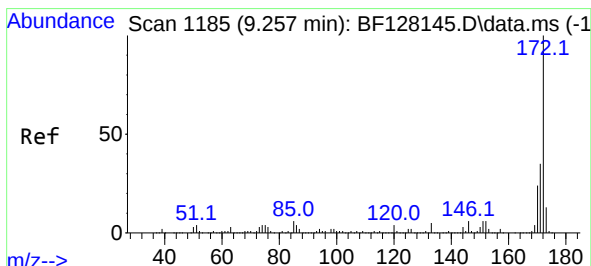
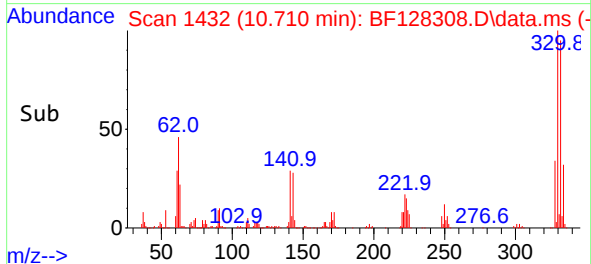
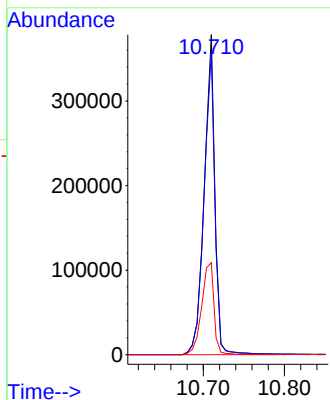
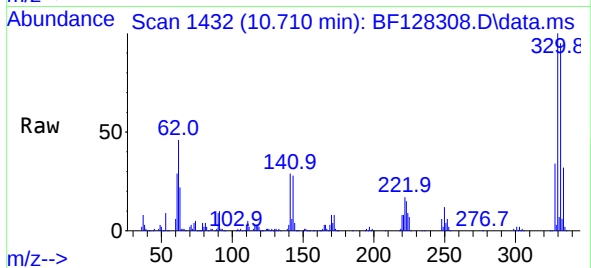




#42
2,4,6-Tribromophenol
Concen: 118.099 ng
RT: 10.710 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

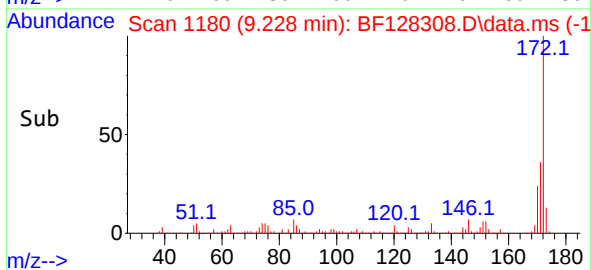
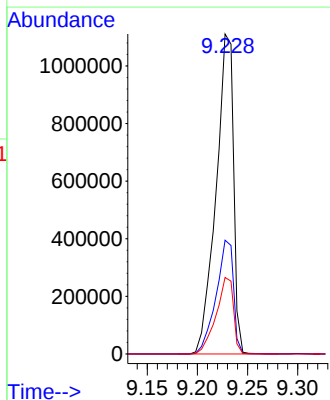
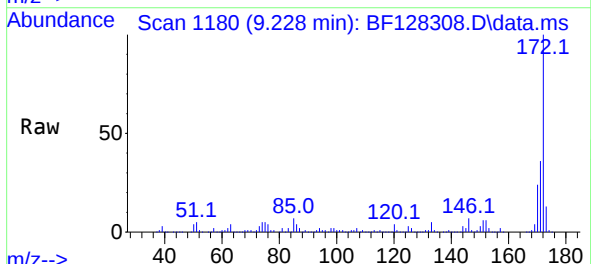
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:330 Resp: 346086
Ion Ratio Lower Upper
330 100
332 96.6 79.0 118.4
141 33.4 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 82.457 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.012 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

Tgt Ion:172 Resp: 1346537
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.9 19.1 28.7

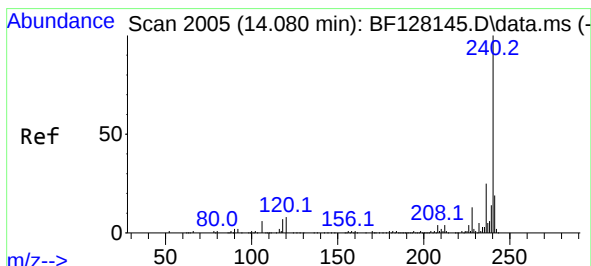
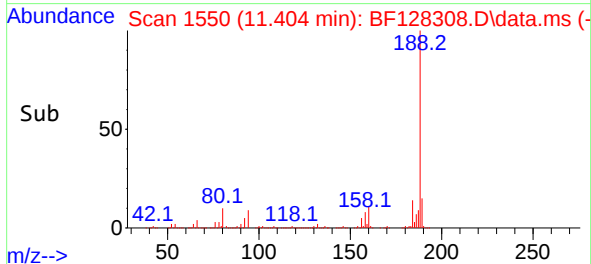
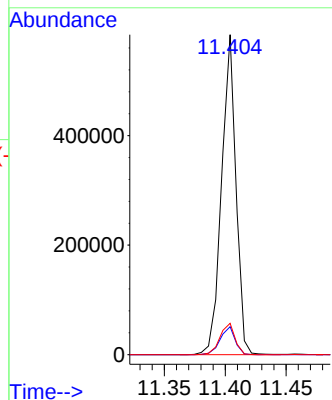
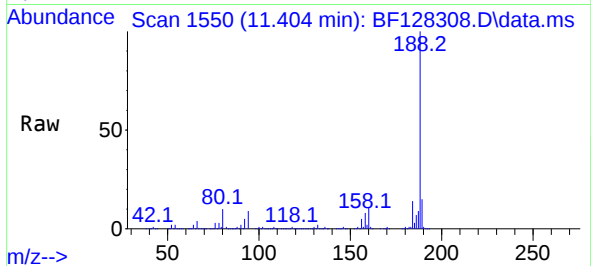




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

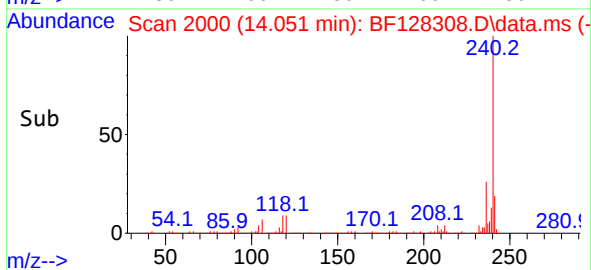
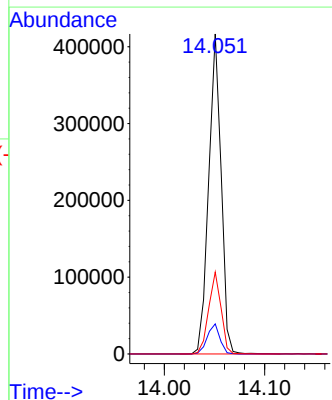
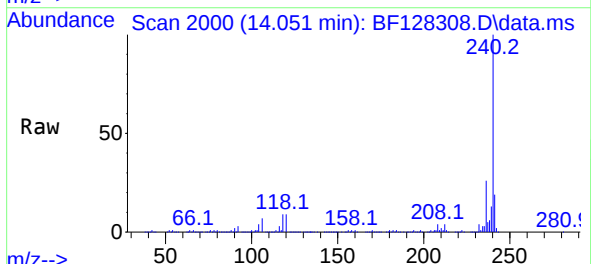
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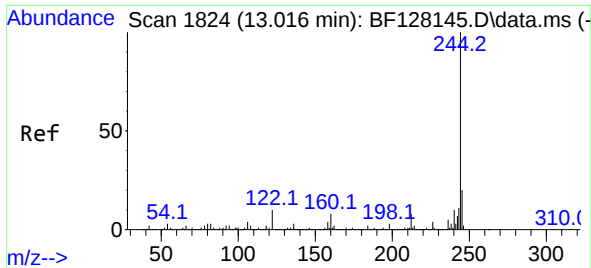
Tgt Ion:188 Resp: 482045
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 9.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.012 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

Tgt Ion:240 Resp: 360842
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 25.6 20.3 30.5

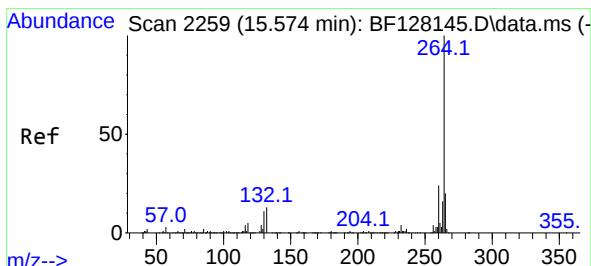
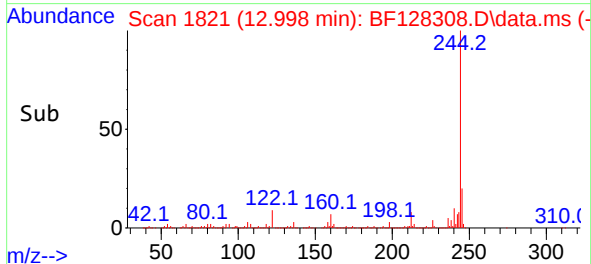
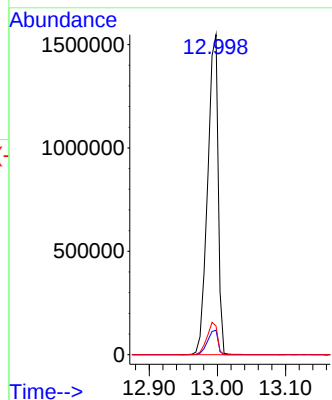
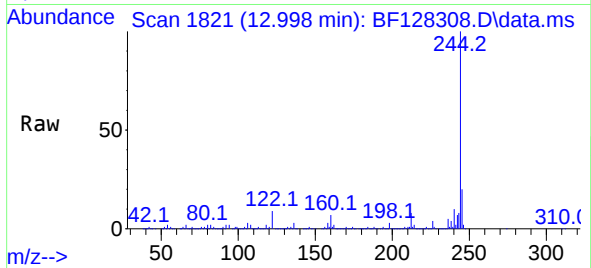




#79
 Terphenyl-d14
 Concen: 86.146 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128308.D
 Acq: 18 May 2022 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB144780TB

Tgt Ion:244 Resp: 1656618
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 8.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2253
 Delta R.T. -0.018 min
 Lab File: BF128308.D
 Acq: 18 May 2022 12:59

Tgt Ion:264 Resp: 264670
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.1 30.1
 265 20.8 17.5 26.3

