

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128198.D
 Acq On : 11 May 2022 16:52
 Operator : CG\JU
 Sample : N2775-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-35D

Quant Time: May 12 06:00:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	83365	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	321466	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	188872	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	360621	20.000	ng	0.00
76) Chrysene-d12	14.068	240	285265	20.000	ng	-0.01
86) Perylene-d12	15.568	264	214159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	524930	100.379	ng	0.00
7) Phenol-d6	6.522	99	680292	98.354	ng	0.00
23) Nitrobenzene-d5	7.457	82	491718	68.827	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	215795	99.622	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	832280	68.949	ng	0.00
79) Terphenyl-d14	13.010	244	1018768	67.013	ng	0.00

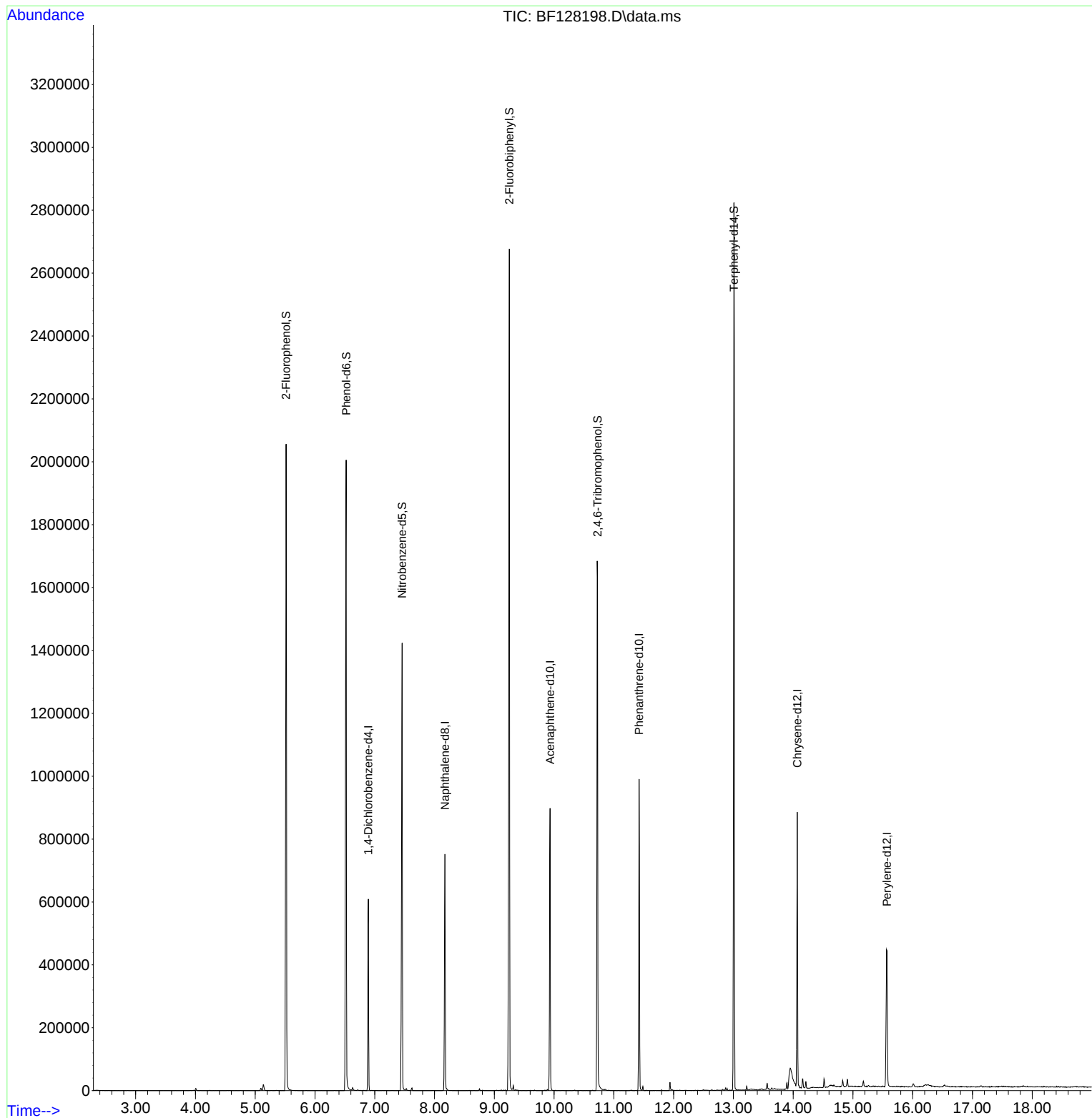
Target Compounds	Qvalue

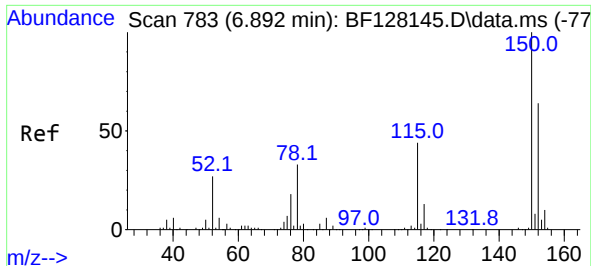
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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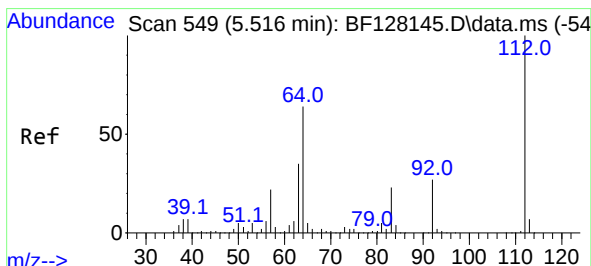
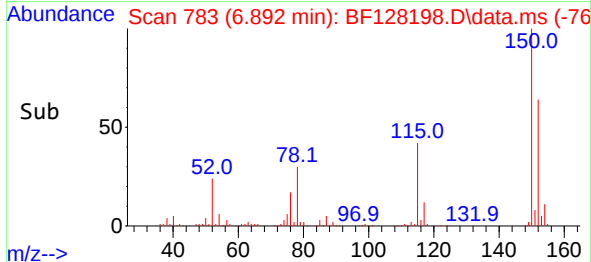
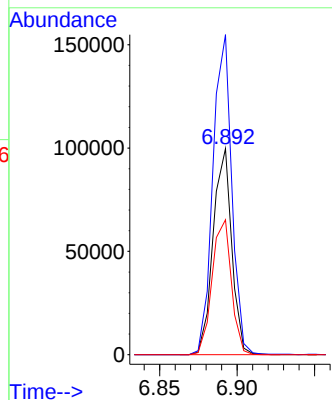
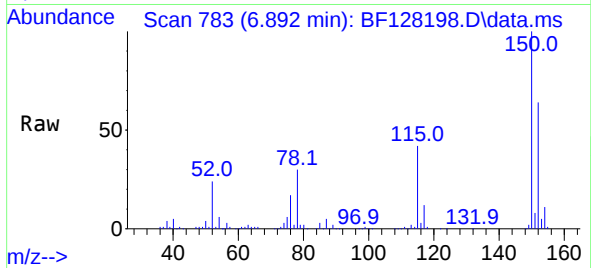




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

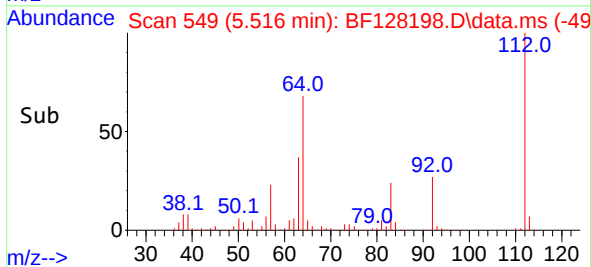
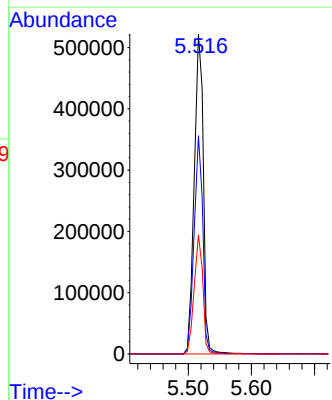
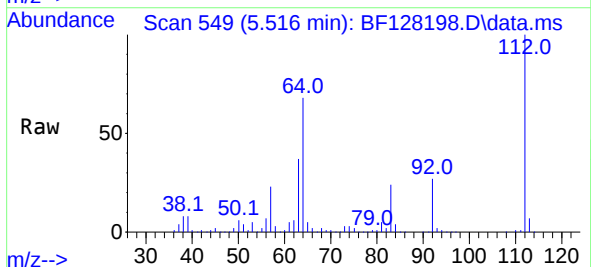
Instrument :
BNA_F
ClientSampleId :
MH-35D

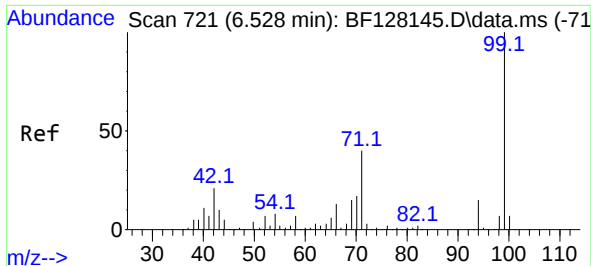
Tgt Ion:152 Resp: 83365
Ion Ratio Lower Upper
152 100
150 155.3 125.3 187.9
115 65.4 48.8 73.2



#5
2-Fluorophenol
Concen: 100.379 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.000 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Tgt Ion:112 Resp: 524930
Ion Ratio Lower Upper
112 100
64 68.2 49.5 74.3
63 37.2 26.3 39.5

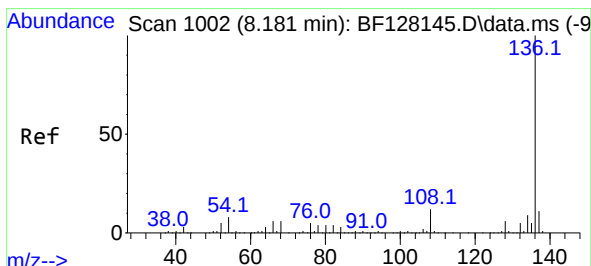
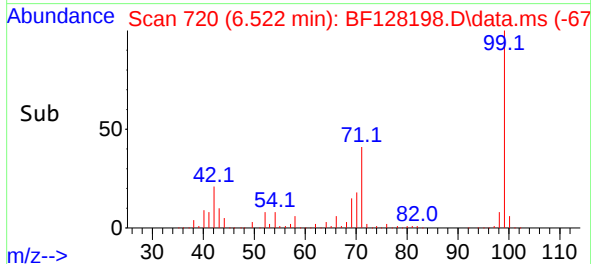
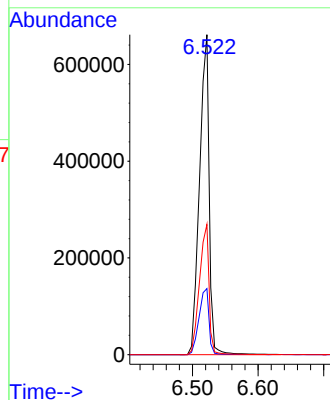
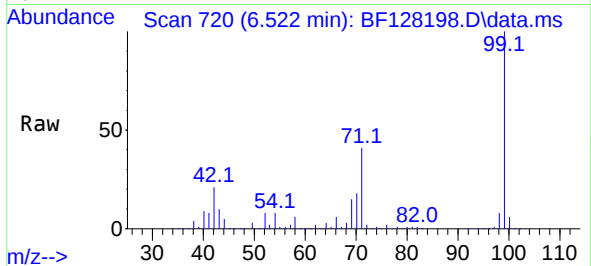




#7
Phenol-d6
Concen: 98.354 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

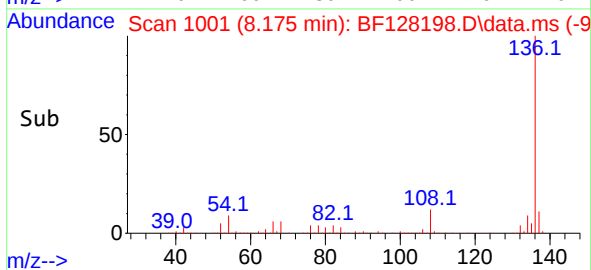
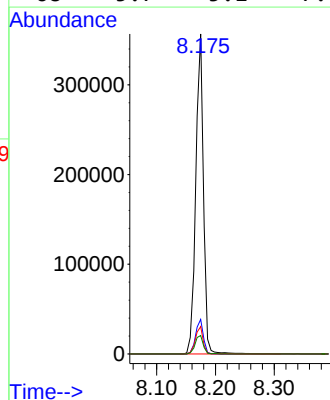
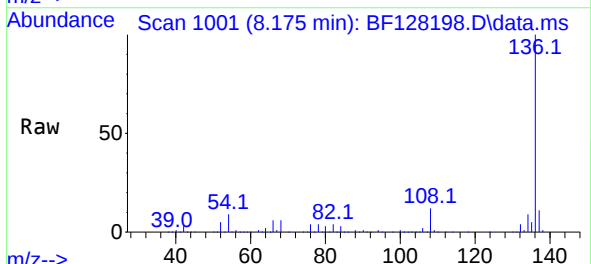
Instrument :
BNA_F
ClientSampleId :
MH-35D

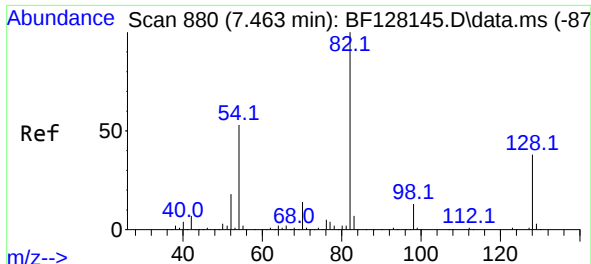
Tgt Ion: 99 Resp: 680292
Ion Ratio Lower Upper
99 100
42 20.7 16.6 24.8
71 40.7 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Tgt Ion: 136 Resp: 321466
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.5 6.8 10.2
68 5.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 68.827 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128198.D

Acq: 11 May 2022 16:52

Instrument :

BNA_F

ClientSampleId :

MH-35D

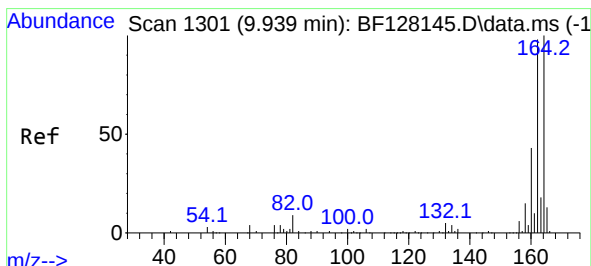
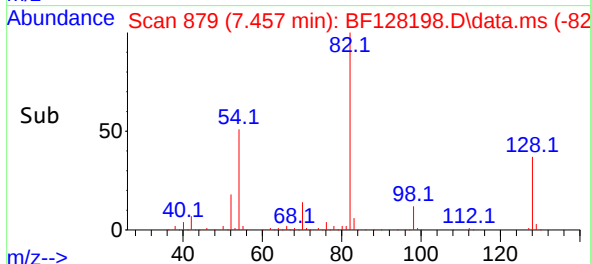
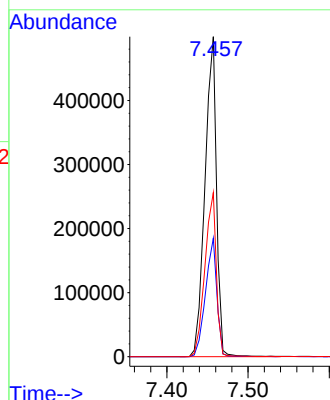
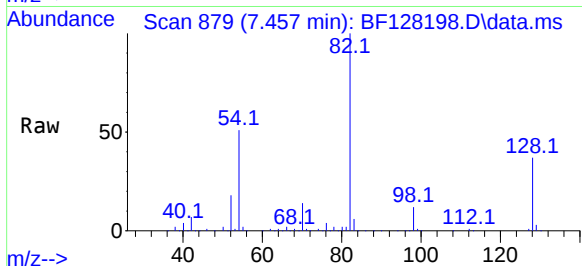
Tgt Ion: 82 Resp: 491718

Ion Ratio Lower Upper

82 100

128 37.0 30.0 45.0

54 51.3 41.3 61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.006 min

Lab File: BF128198.D

Acq: 11 May 2022 16:52

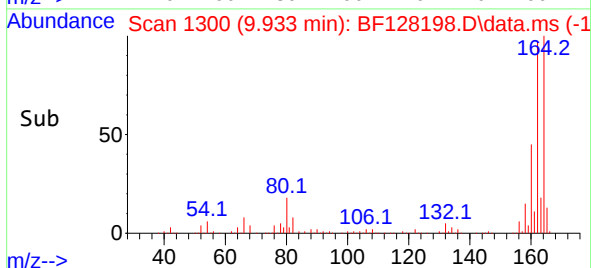
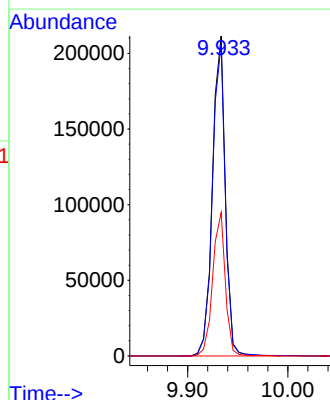
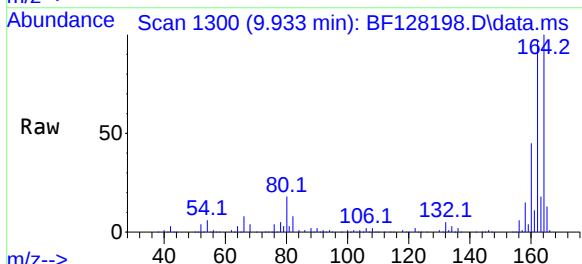
Tgt Ion:164 Resp: 188872

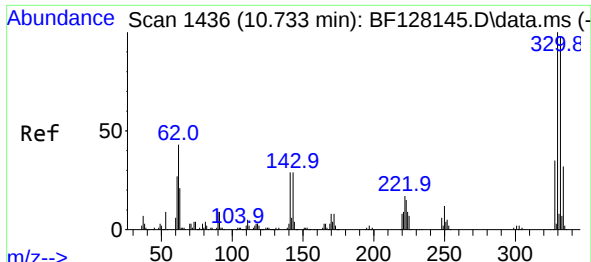
Ion Ratio Lower Upper

164 100

162 97.5 76.0 114.0

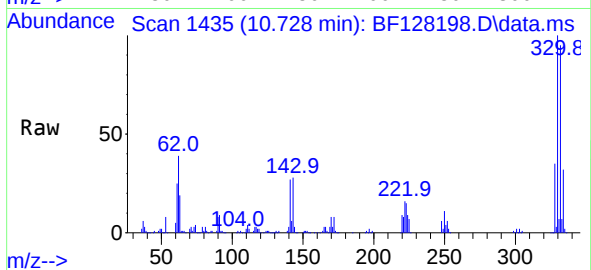
160 44.8 34.8 52.2



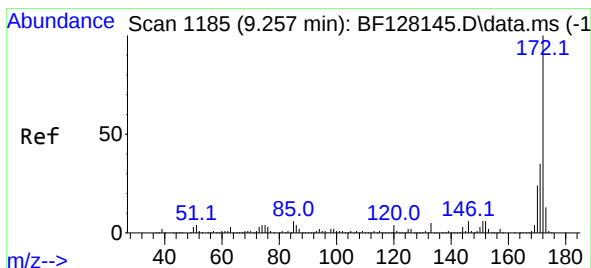
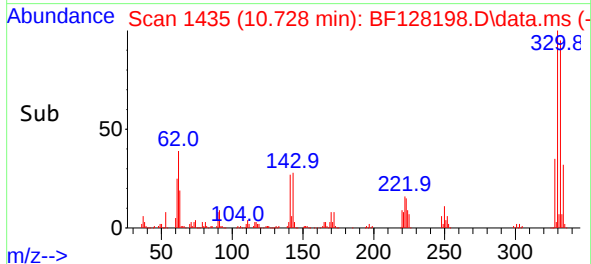
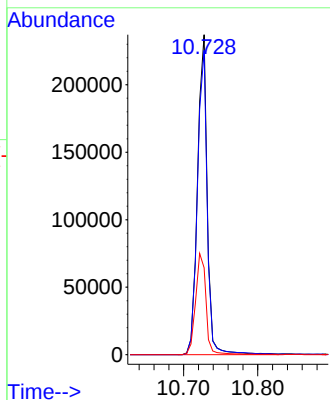


#42
2,4,6-Tribromophenol
Concen: 99.622 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Instrument :
BNA_F
ClientSampleId :
MH-35D

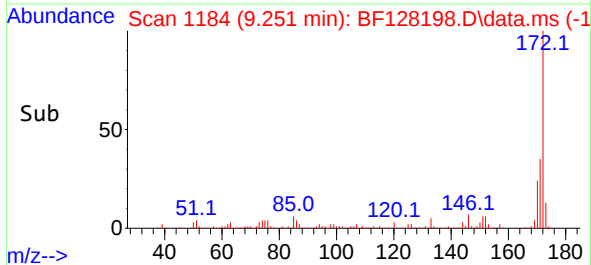
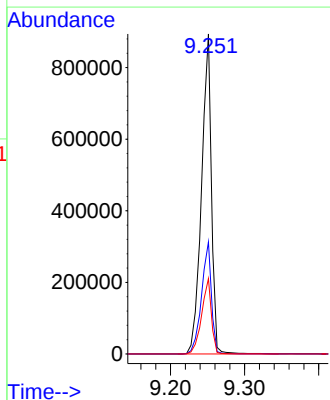
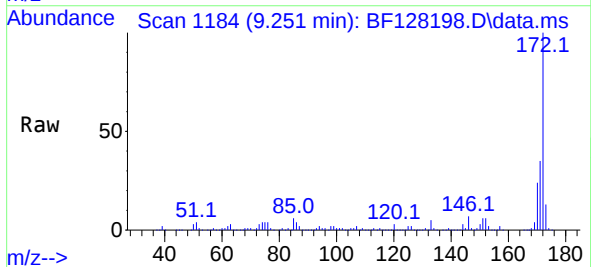


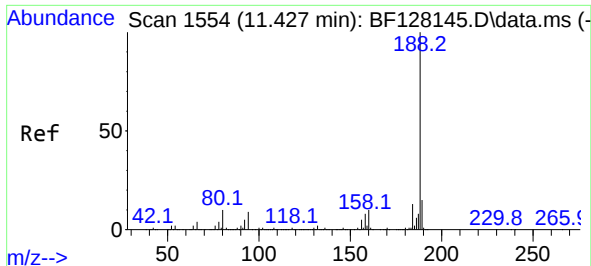
Tgt Ion:330 Resp: 215795
Ion Ratio Lower Upper
330 100
332 96.7 79.0 118.4
141 33.8 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 68.949 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Tgt Ion:172 Resp: 832280
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.5 19.1 28.7

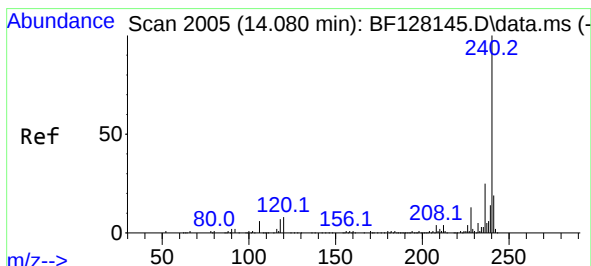
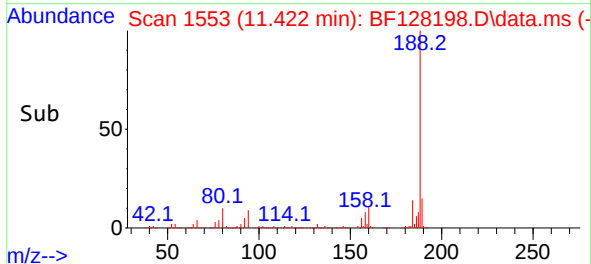
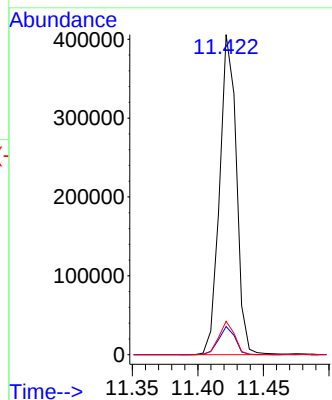
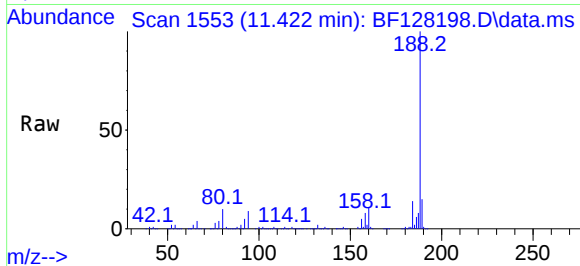




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

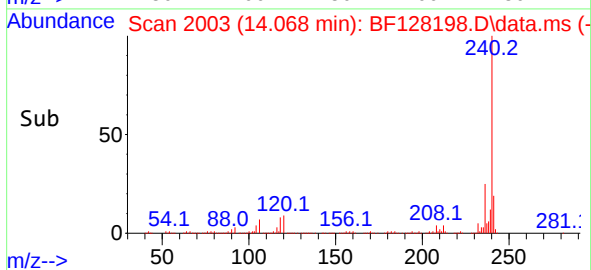
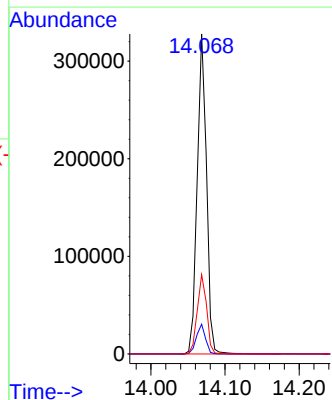
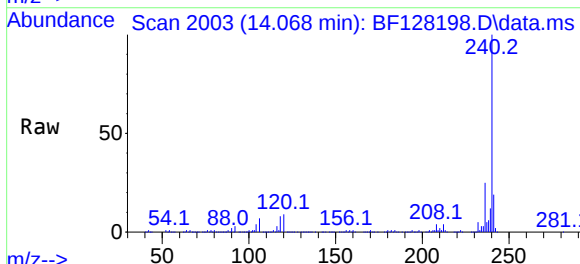
Instrument :
BNA_F
ClientSampleId :
MH-35D

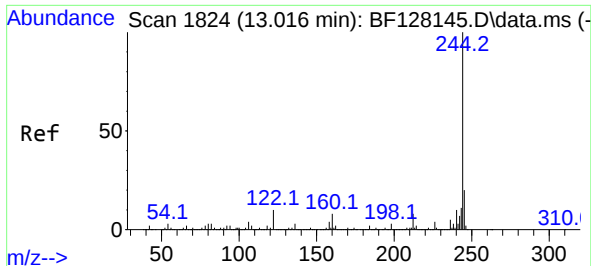
Tgt Ion:188 Resp: 360621
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 10.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF128198.D
Acq: 11 May 2022 16:52

Tgt Ion:240 Resp: 285265
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 24.8 20.3 30.5

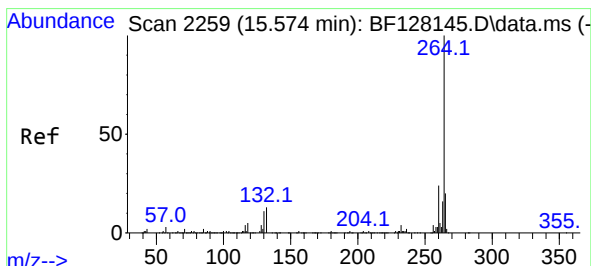
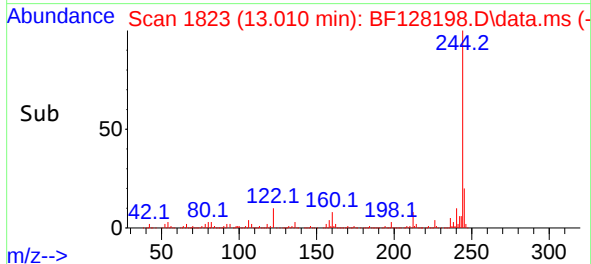
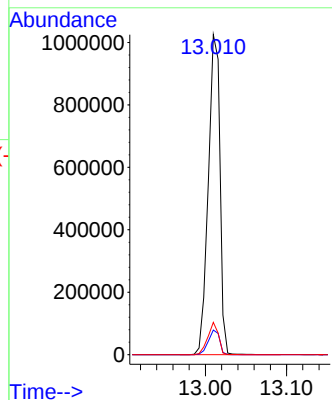
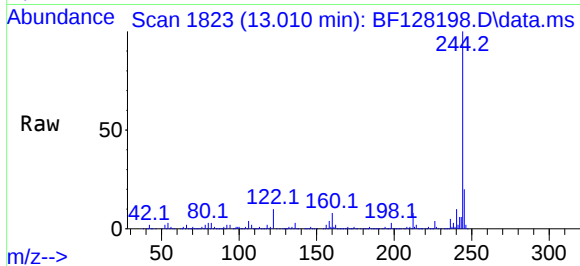




#79
 Terphenyl-d14
 Concen: 67.013 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128198.D
 Acq: 11 May 2022 16:52

Instrument :
 BNA_F
 ClientSampleId :
 MH-35D

Tgt Ion:244 Resp: 1018768
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.1 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2258
 Delta R.T. -0.006 min
 Lab File: BF128198.D
 Acq: 11 May 2022 16:52

Tgt Ion:264 Resp: 214159
 Ion Ratio Lower Upper
 264 100
 260 22.5 20.1 30.1
 265 21.2 17.5 26.3

