

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
 Data File : BF125780.D
 Acq On : 8 Oct 2021 13:48
 Operator : JU/CG
 Sample : M4049-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Oct 08 15:48:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 17:16:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	202116	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	827710	20.00	ng	# 0.00
39) Acenaphthene-d10	9.874	164	444584	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	744115	20.00	ng	0.00
76) Chrysene-d12	13.992	240	451586	20.00	ng	0.00
86) Perylene-d12	15.445	264	439390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	531990	43.00	ng	0.00
7) Phenol-d6	6.457	99	390151	24.50	ng	-0.02
23) Nitrobenzene-d5	7.404	82	1206127	90.58	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	338538	77.13	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2277000	88.34	ng	0.00
79) Terphenyl-d14	12.945	244	2264828	76.40	ng	0.00

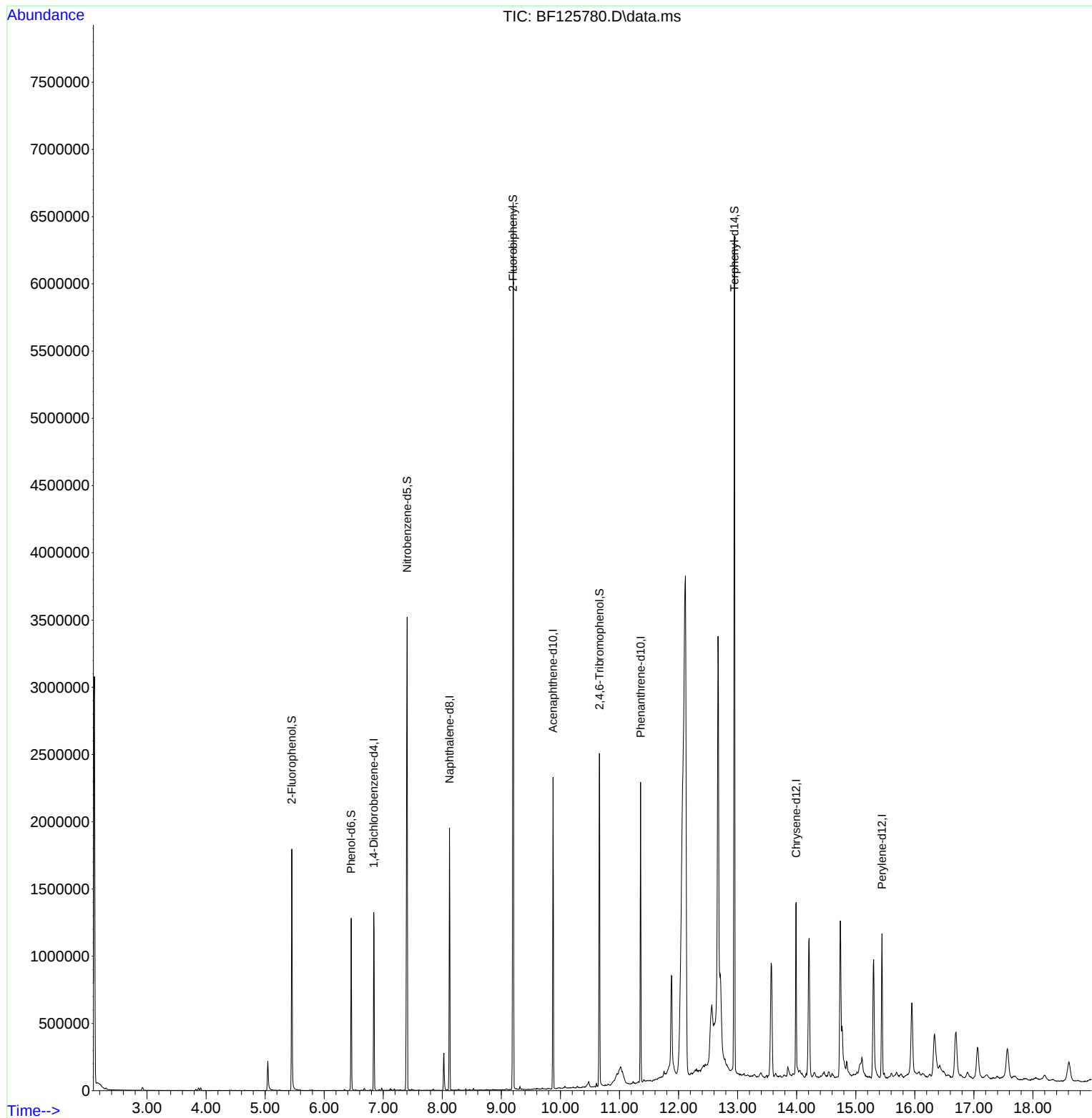
Target Compounds	Qvalue

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

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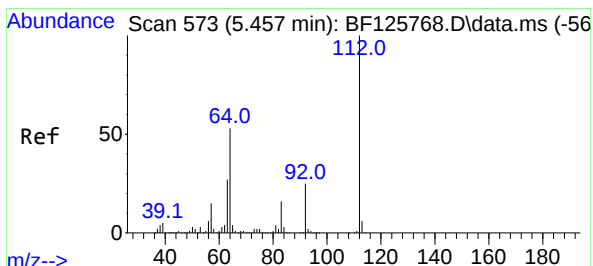
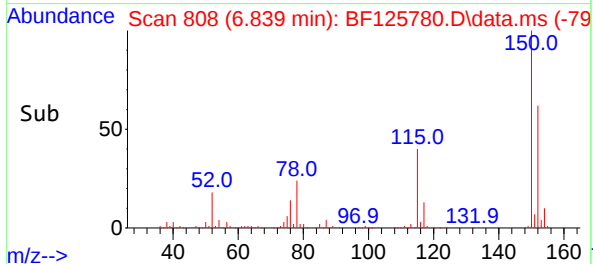
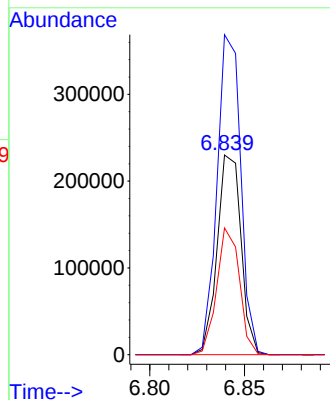
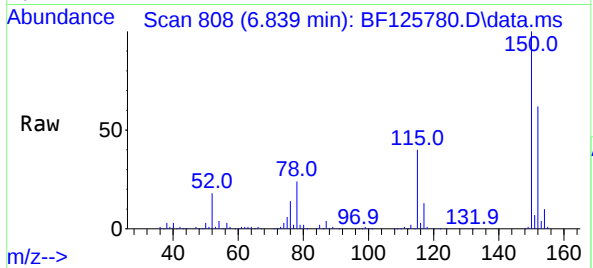




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF125780.D
Acq: 8 Oct 2021 13:48

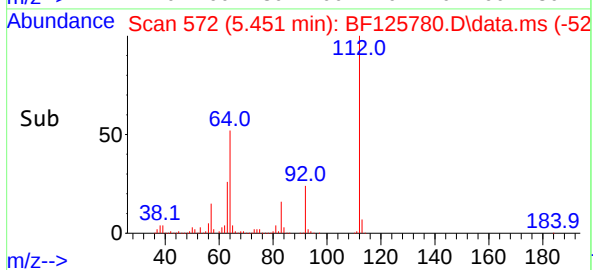
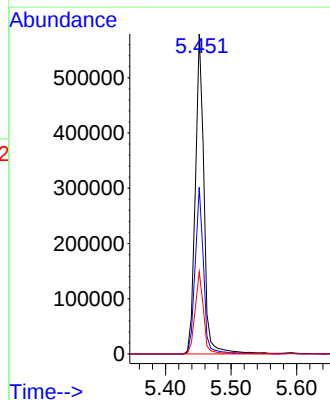
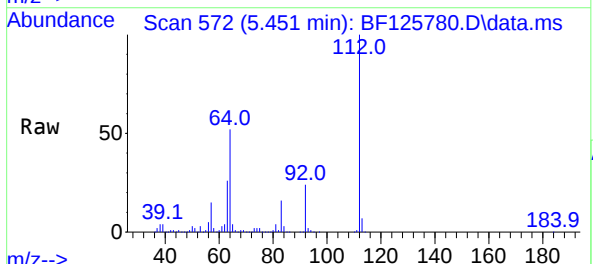
Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 202116
Ion Ratio Lower Upper
152 100
150 160.3 117.6 176.4
115 63.5 47.1 70.7



#5
2-Fluorophenol
Concen: 43.00 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF125780.D
Acq: 8 Oct 2021 13:48

Tgt Ion:112 Resp: 531990
Ion Ratio Lower Upper
112 100
64 52.0 44.2 66.2
63 25.7 26.2 39.2#

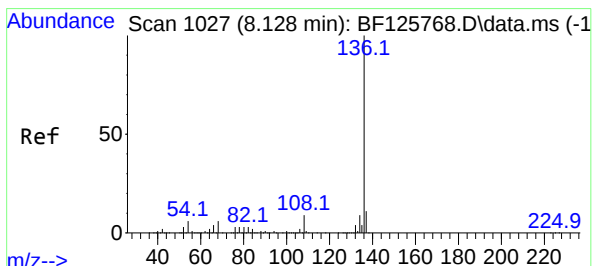
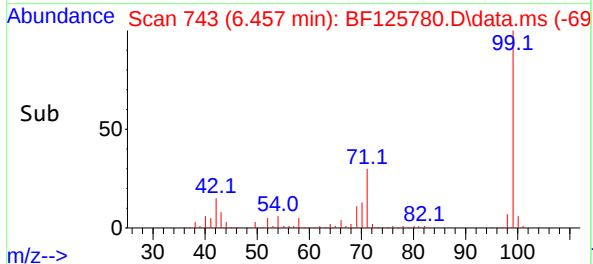
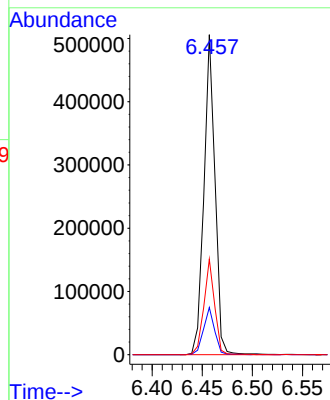
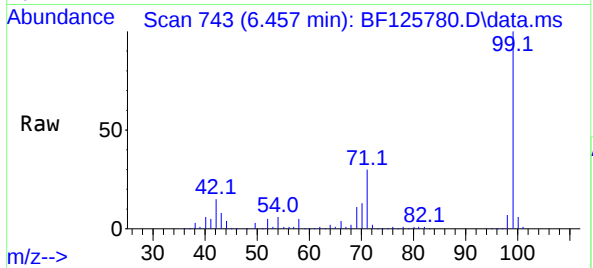




#7
Phenol-d6
Concen: 24.50 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF125780.D
Acq: 8 Oct 2021 13:48

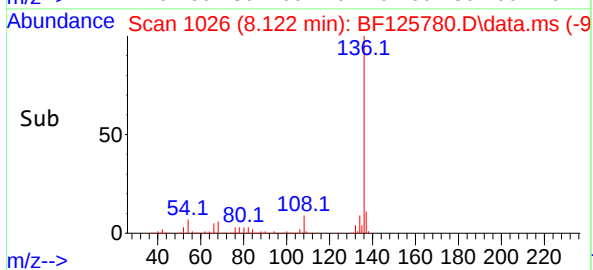
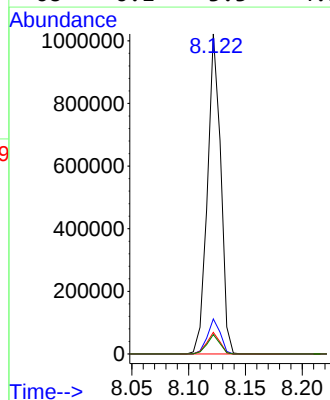
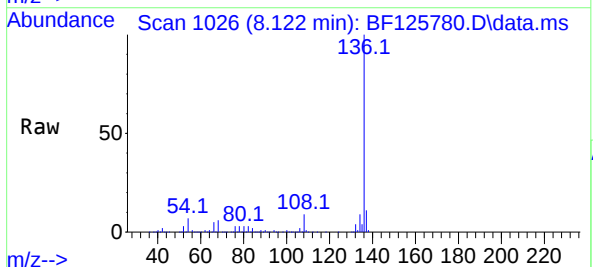
Instrument :
BNA_F
ClientSampled :
MW-1

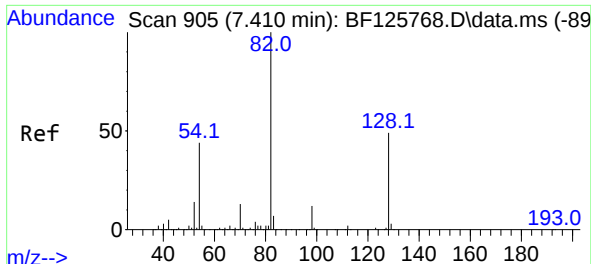
Tgt Ion: 99 Resp: 390151
Ion Ratio Lower Upper
99 100
42 14.8 23.5 35.3#
71 29.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125780.D
Acq: 8 Oct 2021 13:48

Tgt Ion: 136 Resp: 827710
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 6.8 6.4 9.6
68 6.1 3.3 4.9#

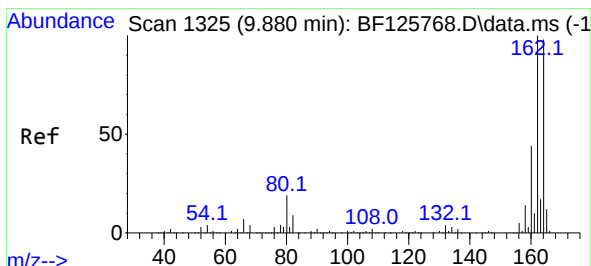
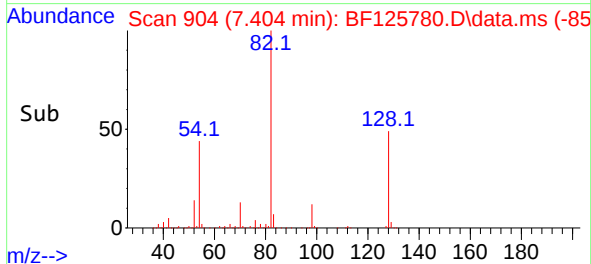
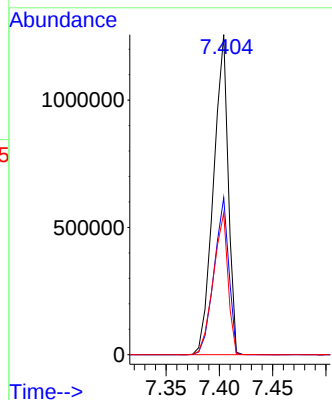
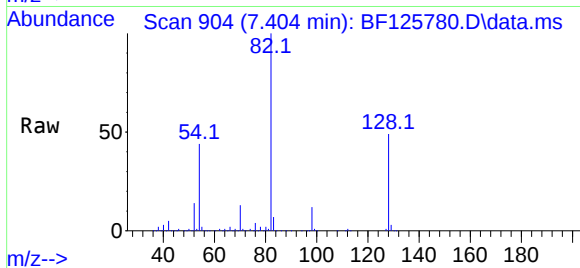




#23
Nitrobenzene-d5
Concen: 90.58 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125780.D
Acq: 8 Oct 2021 13:48

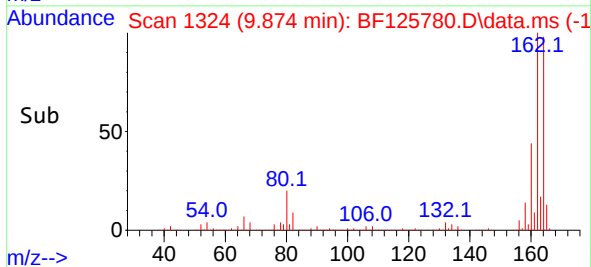
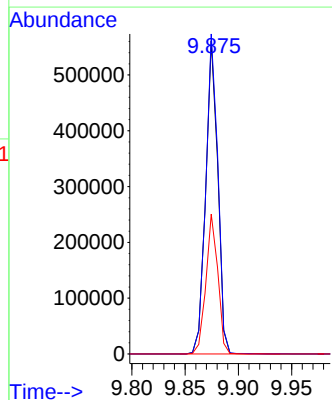
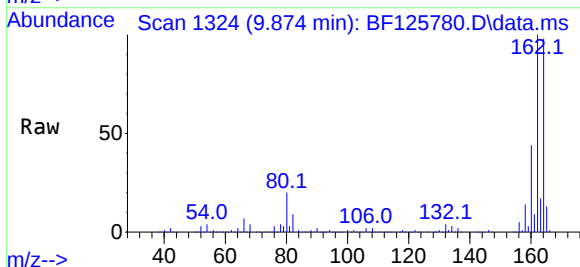
Instrument :
BNA_F
ClientSampleId :
MW-1

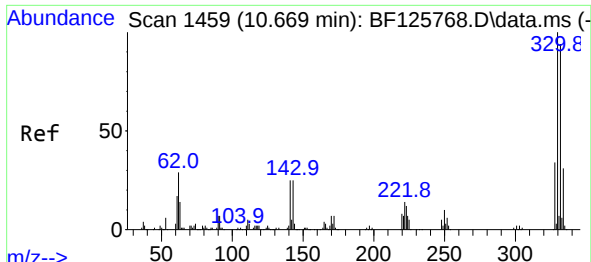
Tgt Ion: 82 Resp: 1206127
Ion Ratio Lower Upper
82 100
128 49.1 40.6 60.8
54 44.3 49.6 74.4#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125780.D
Acq: 8 Oct 2021 13:48

Tgt Ion:164 Resp: 444584
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 44.7 38.0 57.0

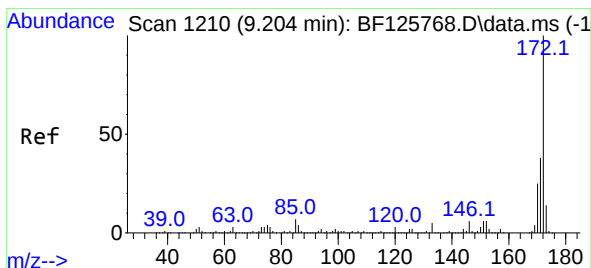
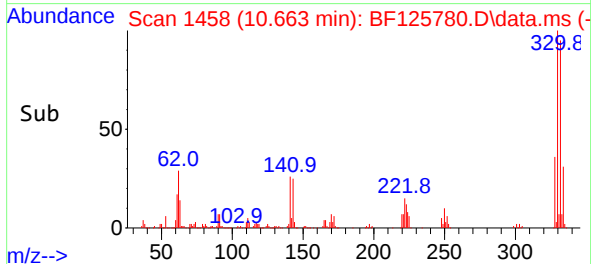
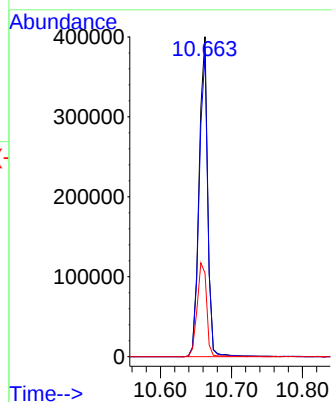
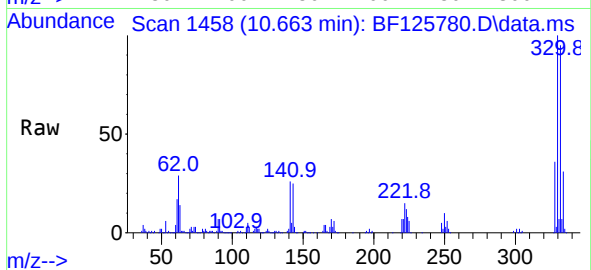




#42
2,4,6-Tribromophenol
Concen: 77.13 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125780.D
Acq: 8 Oct 2021 13:48

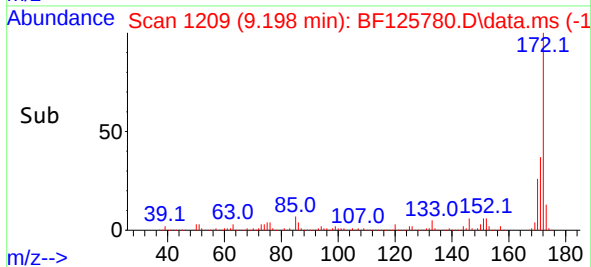
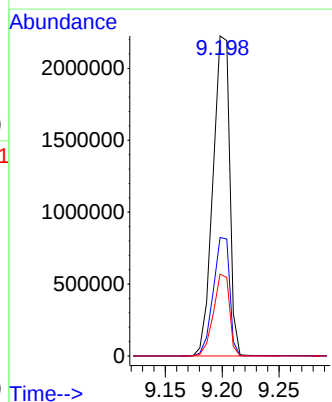
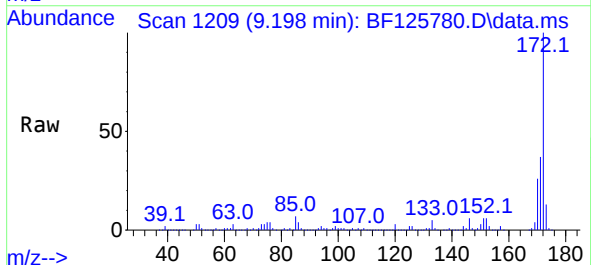
Instrument :
BNA_F
ClientSampleId :
MW-1

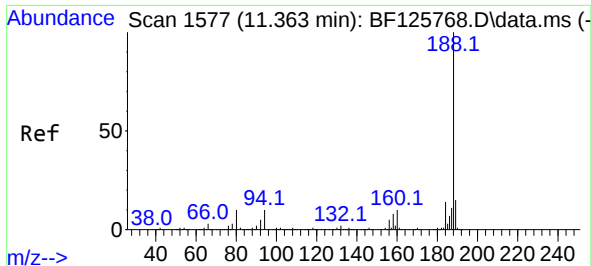
Tgt Ion:330 Resp: 338538
Ion Ratio Lower Upper
330 100
332 94.5 76.2 114.4
141 32.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 88.34 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125780.D
Acq: 8 Oct 2021 13:48

Tgt Ion:172 Resp: 2277000
Ion Ratio Lower Upper
172 100
171 37.0 26.5 39.7
170 25.5 18.8 28.2

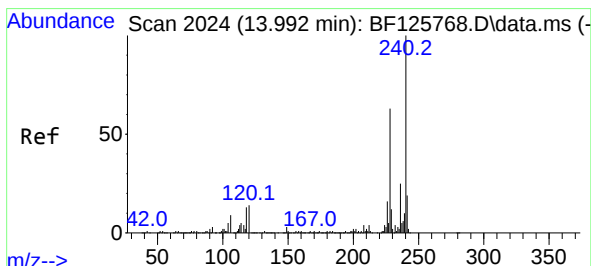
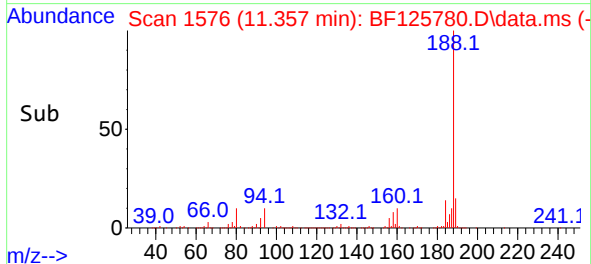
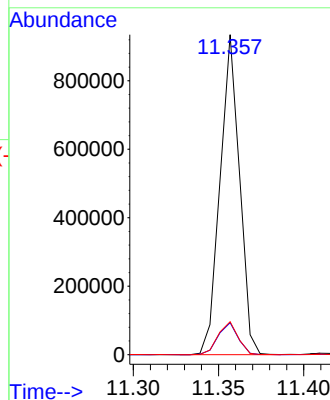
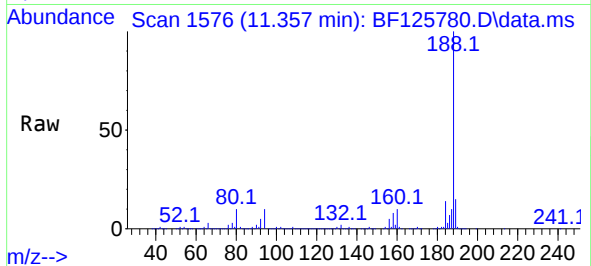




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125780.D
Acq: 8 Oct 2021 13:48

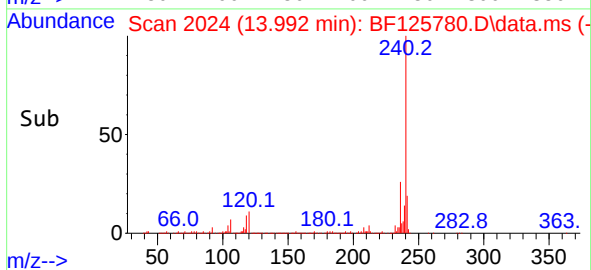
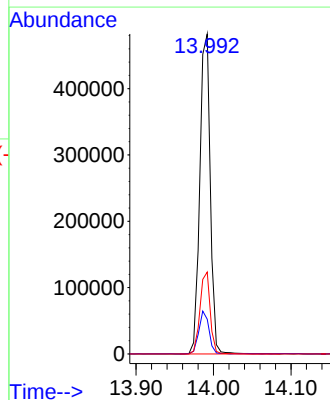
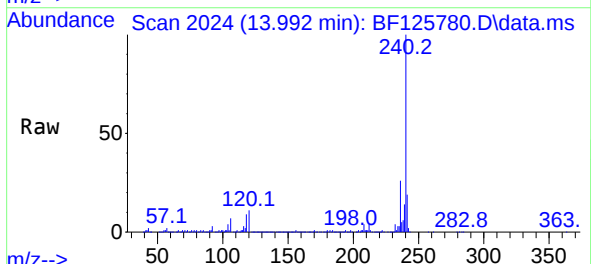
Instrument :
BNA_F
ClientSampleId :
MW-1

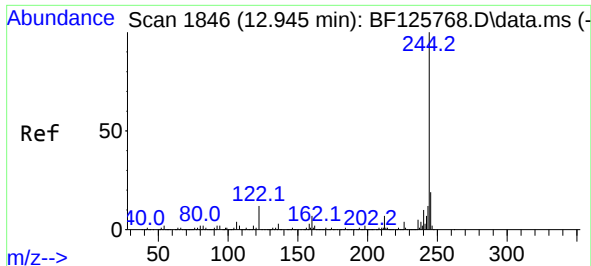
Tgt Ion:188 Resp: 744115
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 10.3 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF125780.D
Acq: 8 Oct 2021 13:48

Tgt Ion:240 Resp: 451586
Ion Ratio Lower Upper
240 100
120 10.9 10.8 16.2
236 25.6 21.6 32.4

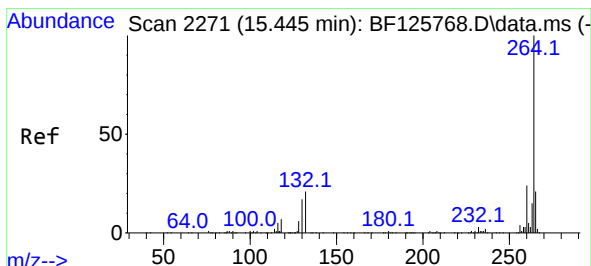
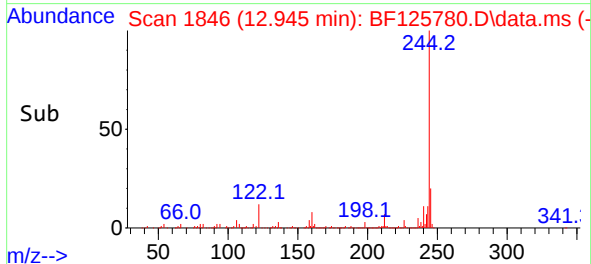
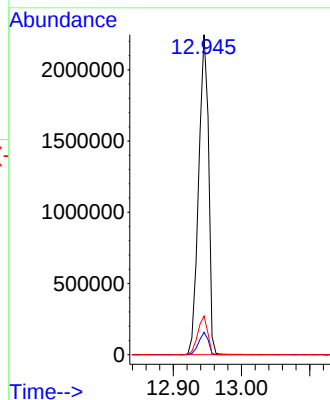
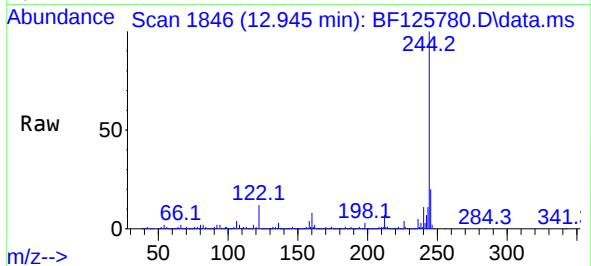




#79
 Terphenyl-d14
 Concen: 76.40 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: BF125780.D
 Acq: 8 Oct 2021 13:48

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2264828
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 12.1 9.0 13.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF125780.D
 Acq: 8 Oct 2021 13:48

Tgt Ion:264 Resp: 439390
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.4 17.2 25.8

