

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
 Data File : BF127125.D
 Acq On : 01 Mar 2022 19:31
 Operator : CG\JU
 Sample : N1688-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-31

Quant Time: Mar 02 00:01:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

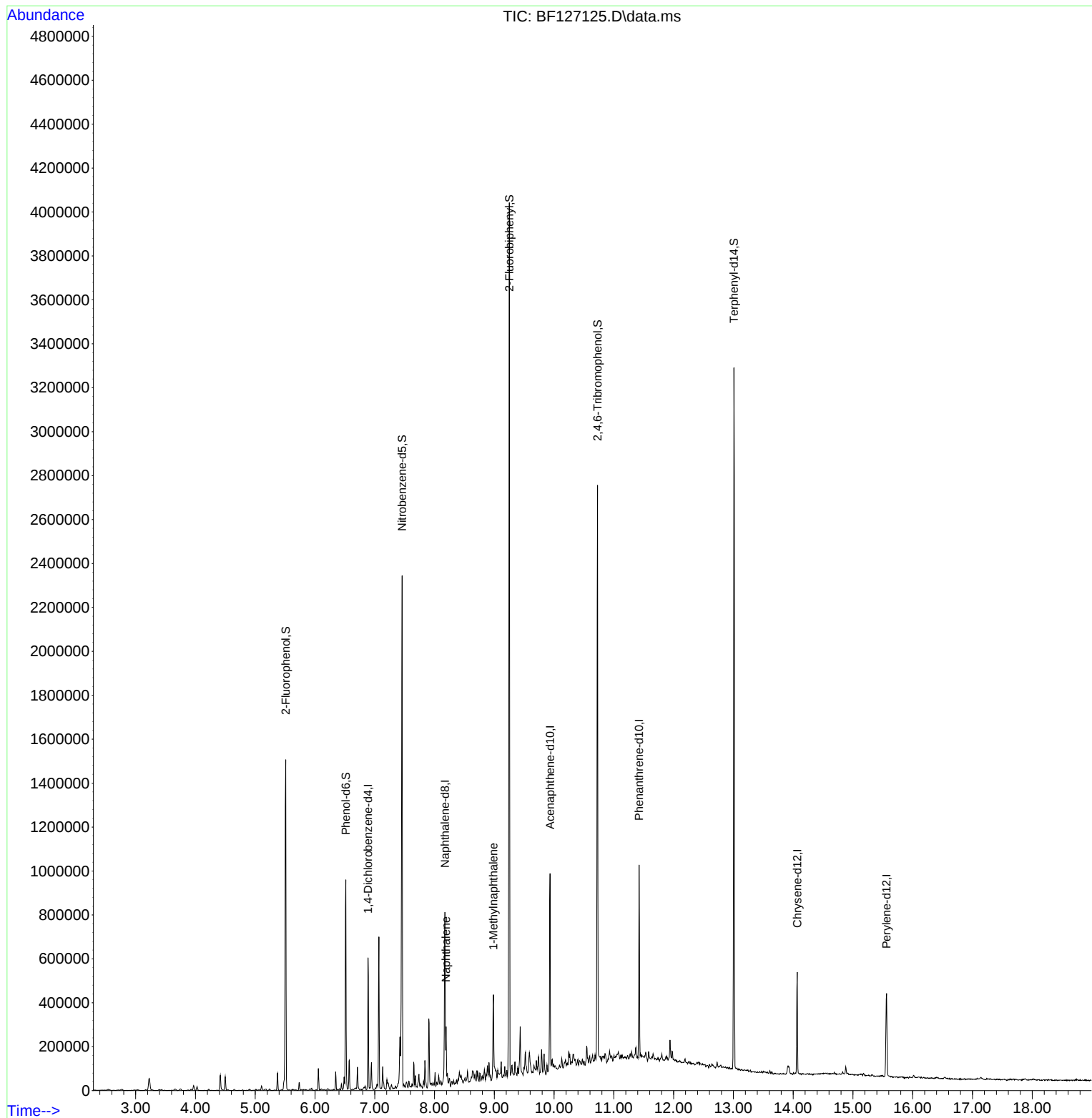
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	79464	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	323922	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	163396	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	278292	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	149326	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	158931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	345892	67.276	ng	0.00
7) Phenol-d6	6.516	99	280644	40.453	ng	0.00
23) Nitrobenzene-d5	7.457	82	694210	96.736	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	309395	164.460	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1069346	96.345	ng	0.00
79) Terphenyl-d14	13.010	244	1088159	107.124	ng	0.00
Target Compounds						
31) Naphthalene	8.192	128	80705	4.773	ng	99
38) 1-Methylnaphthalene	8.986	142	56727	5.399	ng	93

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

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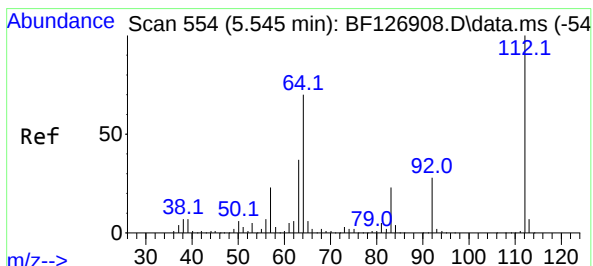
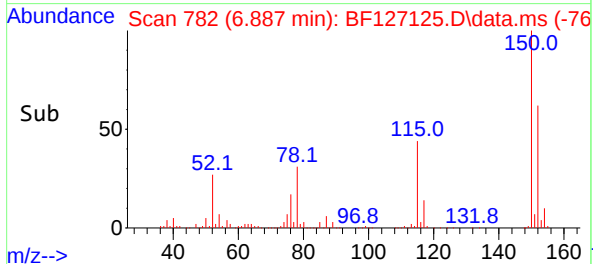
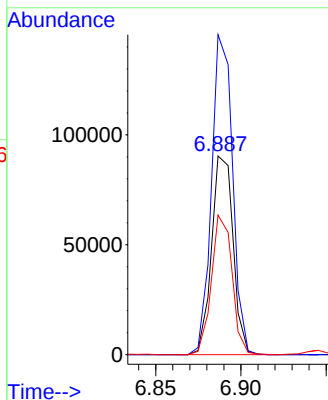
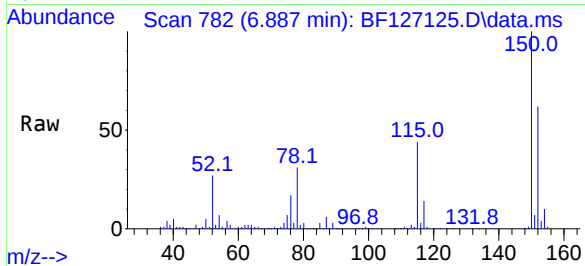




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

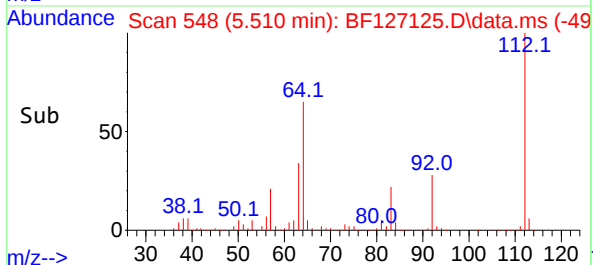
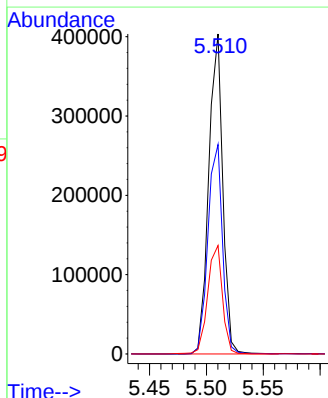
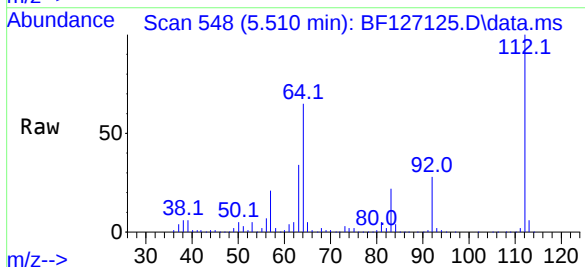
Instrument :
BNA_F
ClientSampleId :
MW-31

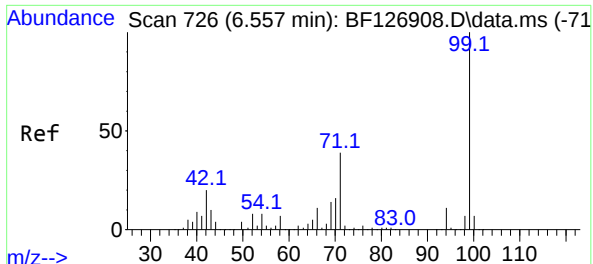
Tgt Ion:152 Resp: 79464
Ion Ratio Lower Upper
152 100
150 161.0 128.1 192.1
115 70.2 56.7 85.1



#5
2-Fluorophenol
Concen: 67.276 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

Tgt Ion:112 Resp: 345892
Ion Ratio Lower Upper
112 100
64 65.5 49.5 74.3
63 33.9 23.9 35.9

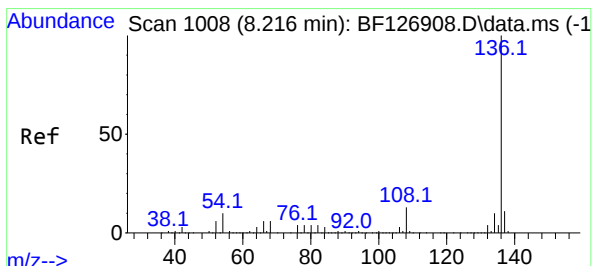
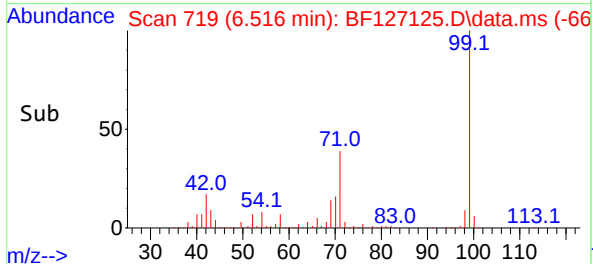
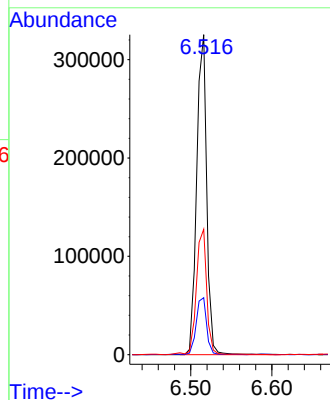
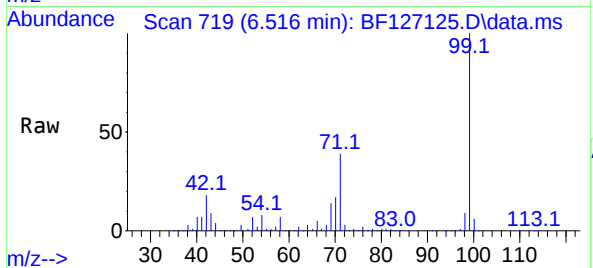




#7
Phenol-d6
Concen: 40.453 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

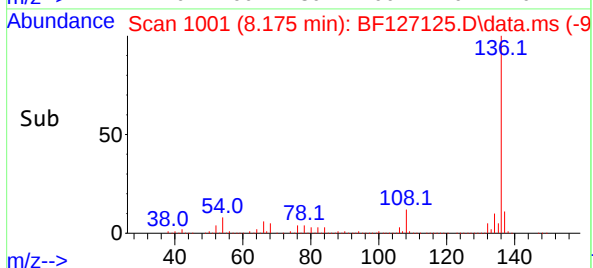
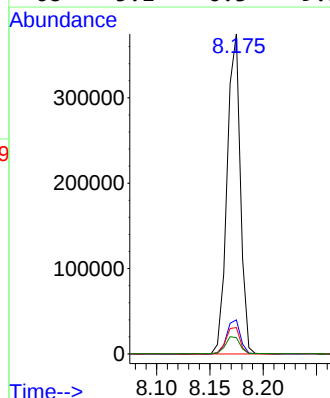
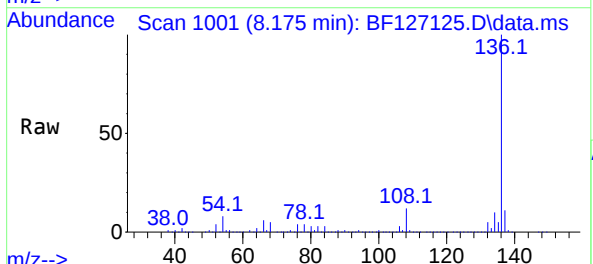
Instrument :
BNA_F
ClientSampleId :
MW-31

Tgt Ion: 99 Resp: 280644
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 39.2 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

Tgt Ion: 136 Resp: 323922
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.3 7.8 11.6
68 5.1 6.3 9.5#

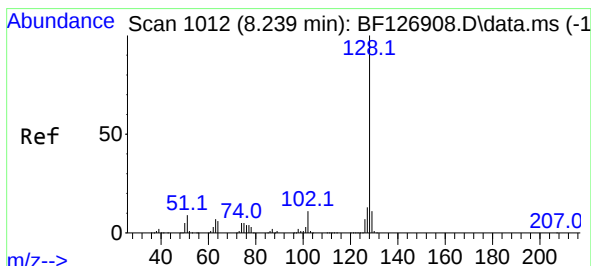
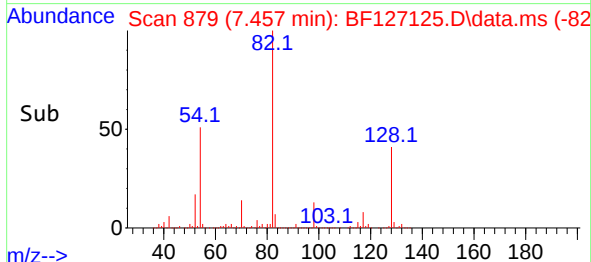
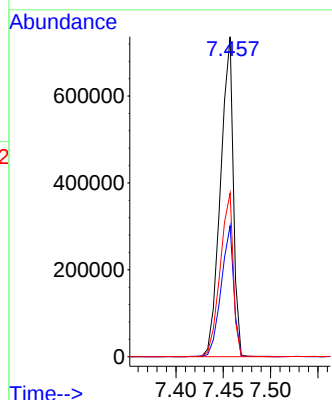
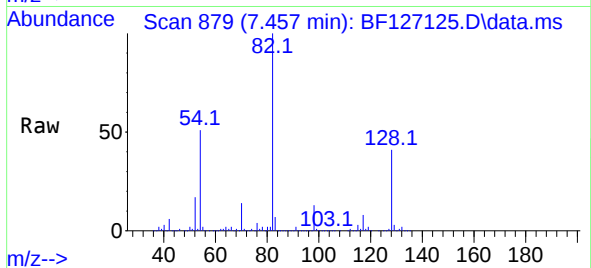




#23
Nitrobenzene-d5
Concen: 96.736 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

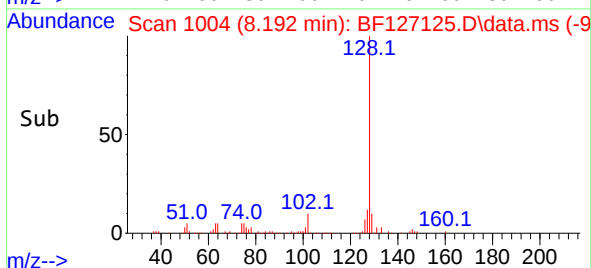
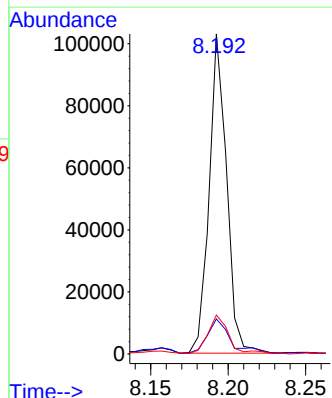
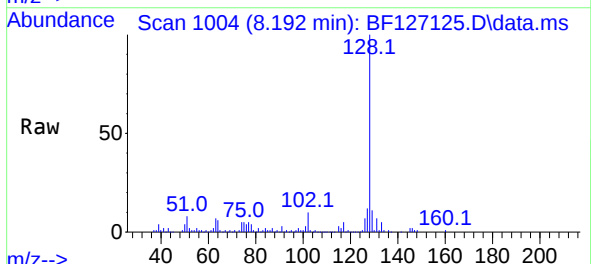
Instrument :
BNA_F
ClientSampleId :
MW-31

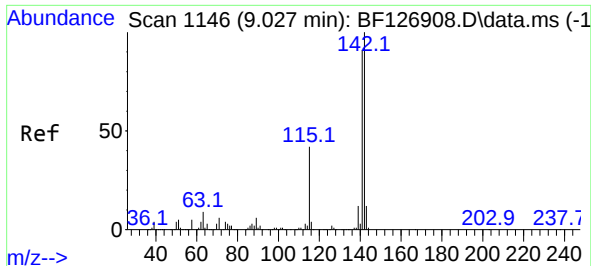
Tgt Ion: 82 Resp: 694210
Ion Ratio Lower Upper
82 100
128 40.9 32.7 49.1
54 51.2 41.7 62.5



#31
Naphthalene
Concen: 4.773 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

Tgt Ion: 128 Resp: 80705
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.1 10.3 15.5

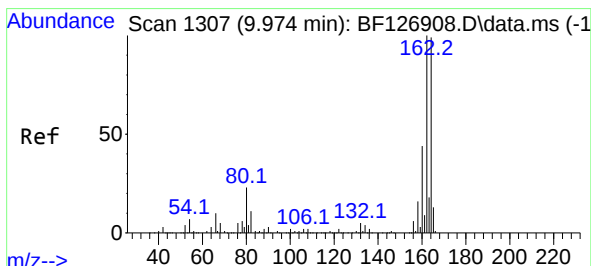
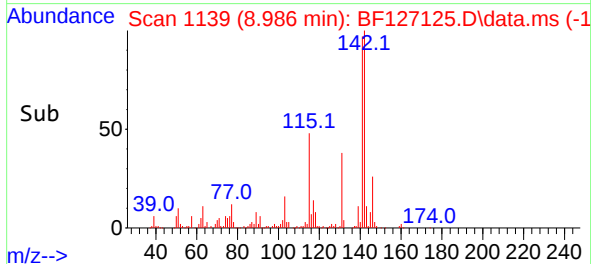
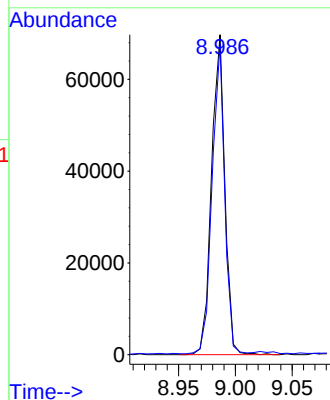
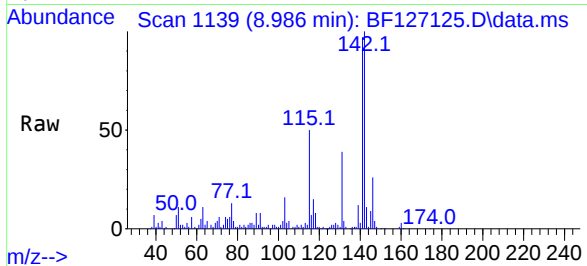




#38
1-Methylnaphthalene
Concen: 5.399 ng
RT: 8.986 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

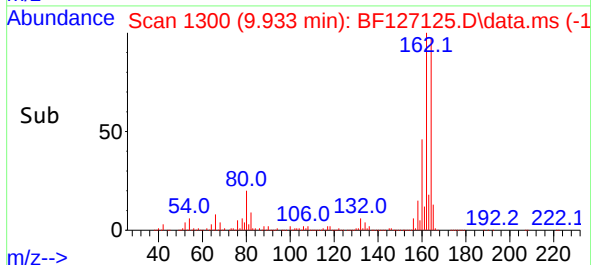
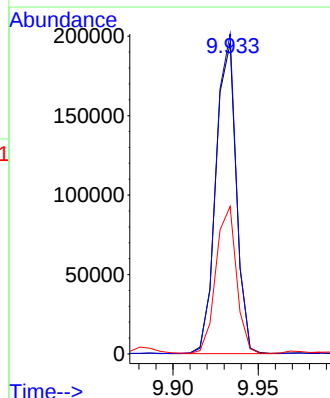
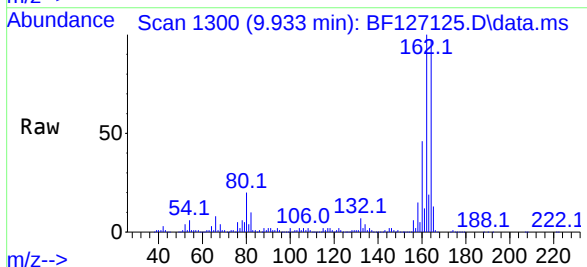
Instrument :
BNA_F
ClientSampleId :
MW-31

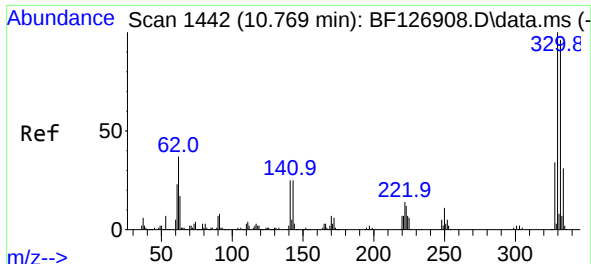
Tgt Ion:142 Resp: 56727
Ion Ratio Lower Upper
142 100
141 97.1 72.1 108.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

Tgt Ion:164 Resp: 163396
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 47.5 36.6 54.8

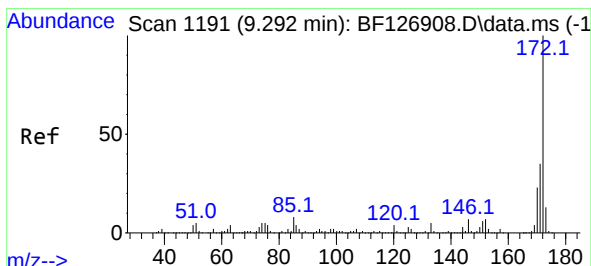
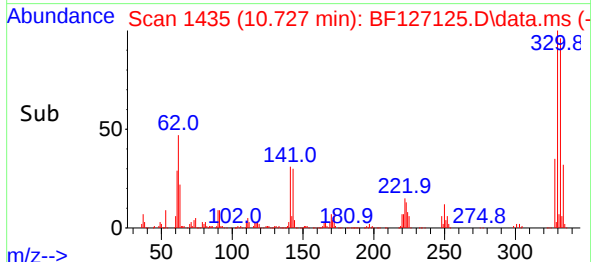
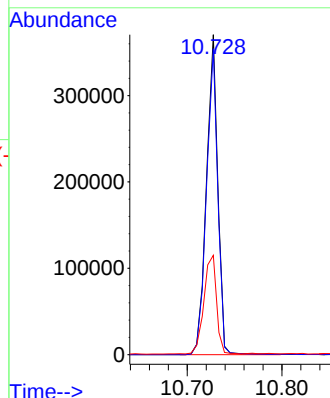
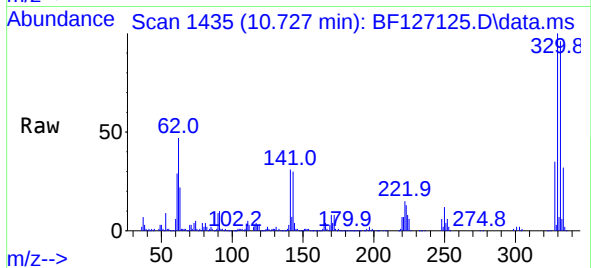




#42
2,4,6-Tribromophenol
Concen: 164.460 ng
RT: 10.727 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

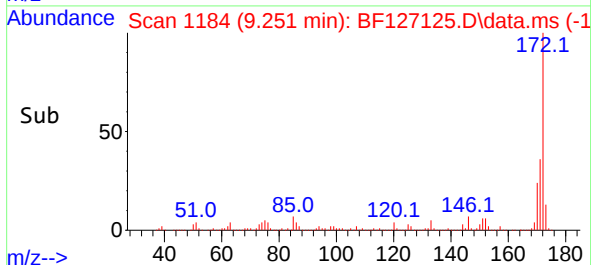
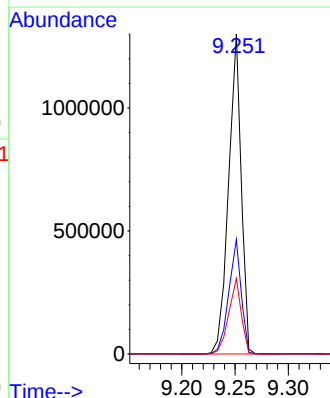
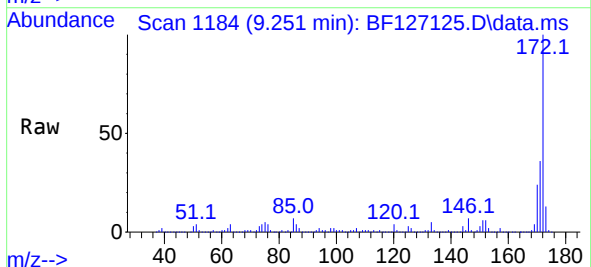
Instrument :
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ClientSampleId :
MW-31

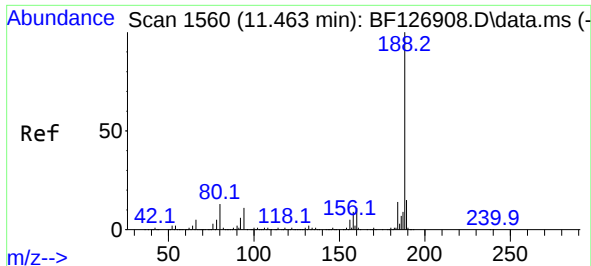
Tgt Ion:330 Resp: 309395
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 34.8 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 96.345 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

Tgt Ion:172 Resp: 1069346
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.6 19.0 28.6

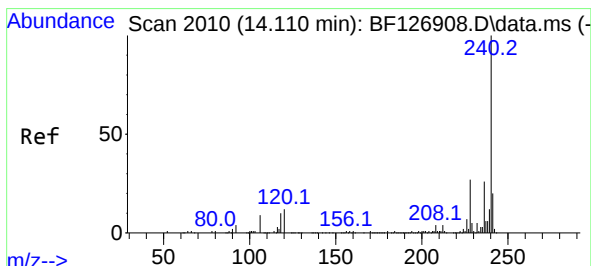
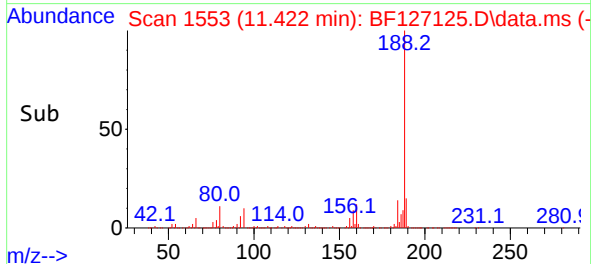
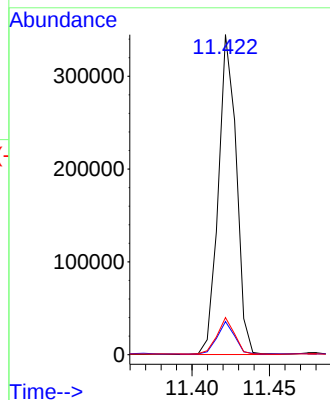
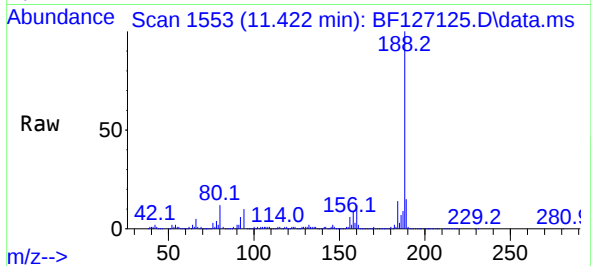




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

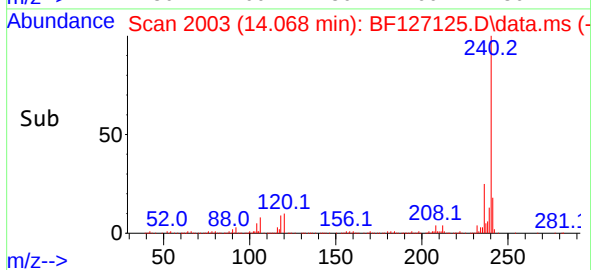
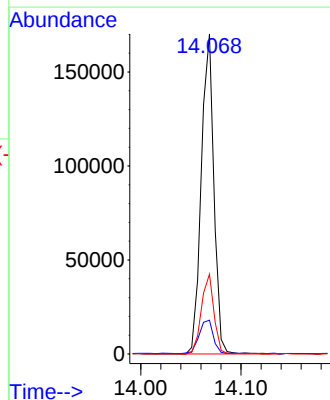
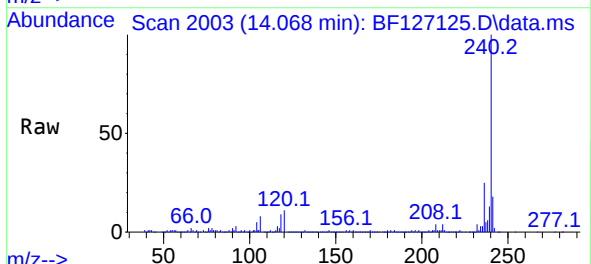
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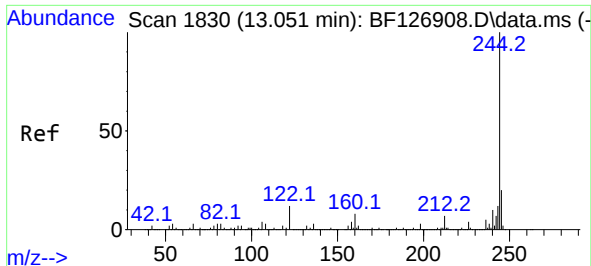
Tgt Ion:188 Resp: 278292
Ion Ratio Lower Upper
188 100
94 10.4 10.1 15.1
80 11.6 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

Tgt Ion:240 Resp: 149326
Ion Ratio Lower Upper
240 100
120 10.5 14.4 21.6#
236 25.0 20.5 30.7

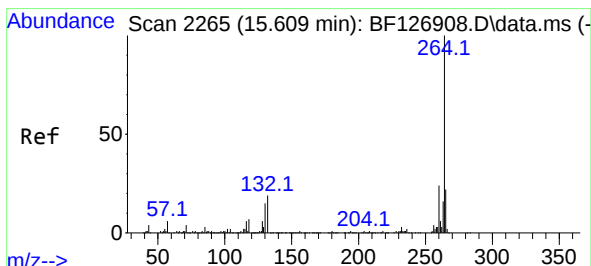
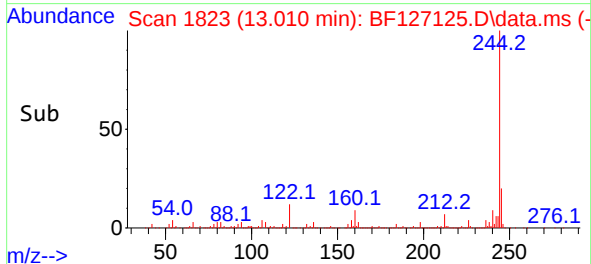
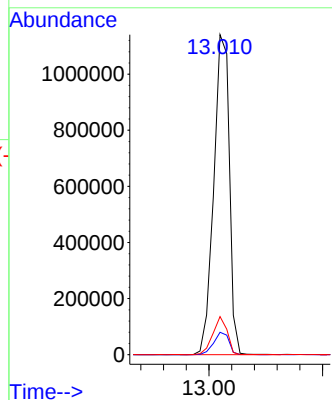
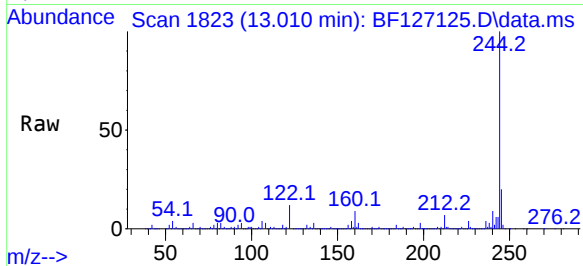




#79
 Terphenyl-d14
 Concen: 107.124 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127125.D
 Acq: 01 Mar 2022 19:31

Instrument :
 BNA_F
 ClientSampleId :
 MW-31

Tgt Ion:244 Resp: 1088159
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 11.9 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2257
 Delta R.T. -0.006 min
 Lab File: BF127125.D
 Acq: 01 Mar 2022 19:31

Tgt Ion:264 Resp: 158931
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.2 17.4 26.2

