

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
 Data File : BF127122.D
 Acq On : 01 Mar 2022 18:05
 Operator : CG\JU
 Sample : N1688-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Quant Time: Mar 02 00:01:26 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)

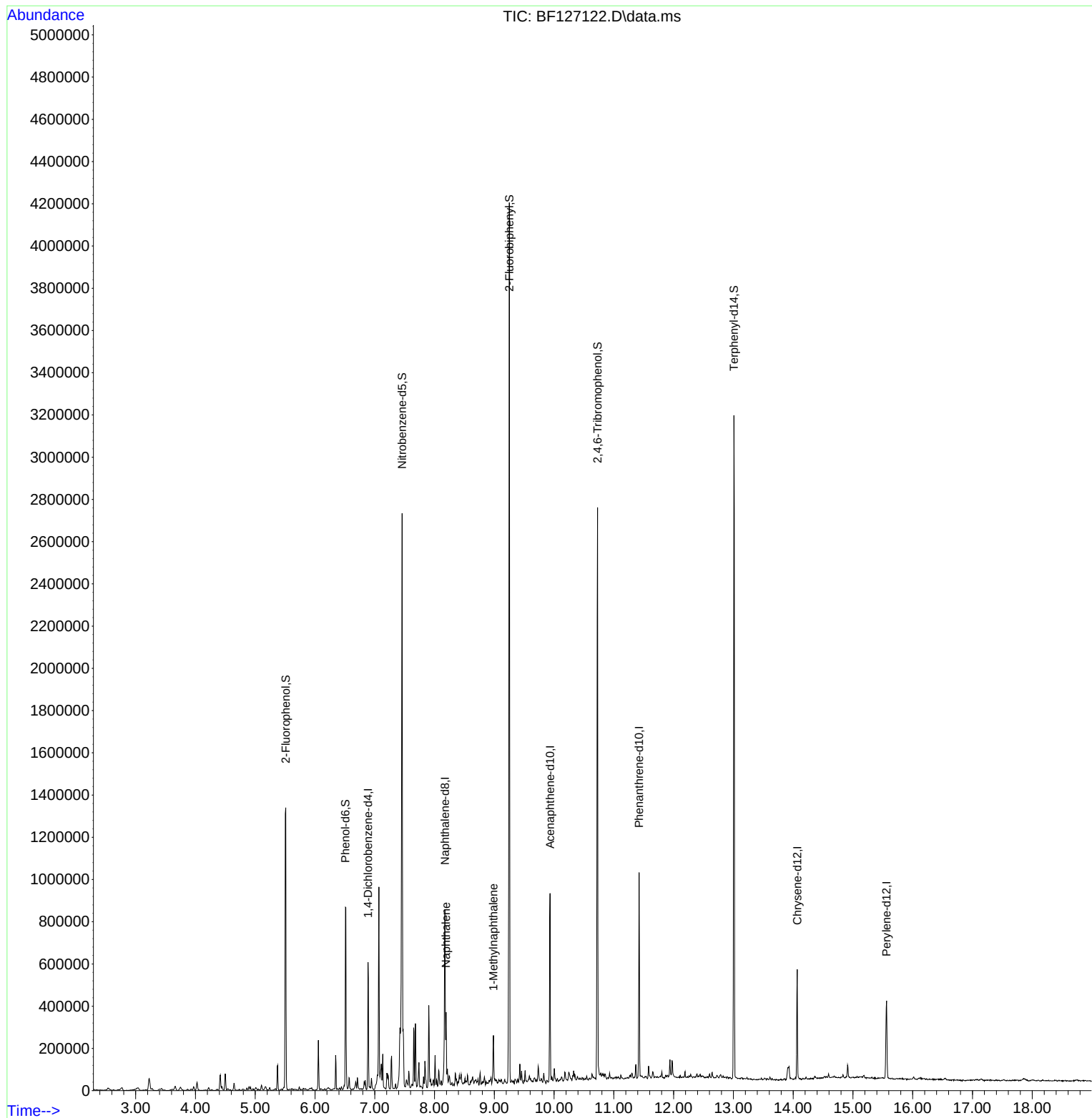
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	80804	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	324555	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	169604	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	298973	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	158323	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	156603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	333334	63.758	ng	0.00
7) Phenol-d6	6.510	99	265816	37.680	ng	-0.01
23) Nitrobenzene-d5	7.457	82	690822	96.076	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	313291	160.435	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1115476	96.823	ng	0.00
79) Terphenyl-d14	13.010	244	1080751	100.348	ng	0.00
Target Compounds						
31) Naphthalene	8.192	128	94685	5.589	ng	# 94
38) 1-Methylnaphthalene	8.986	142	46008	4.370	ng	97

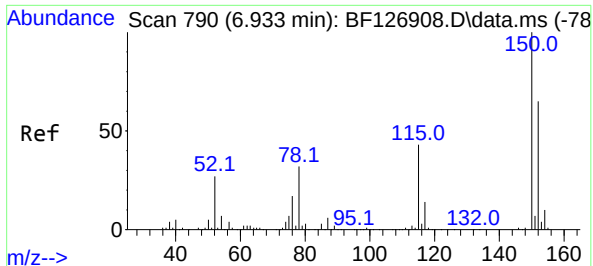
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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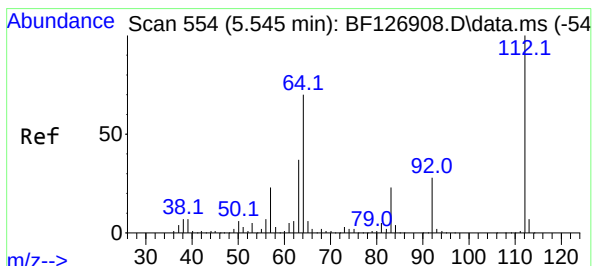
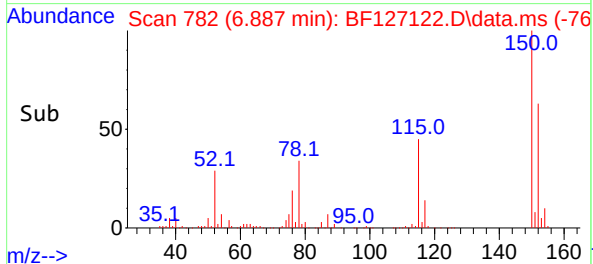
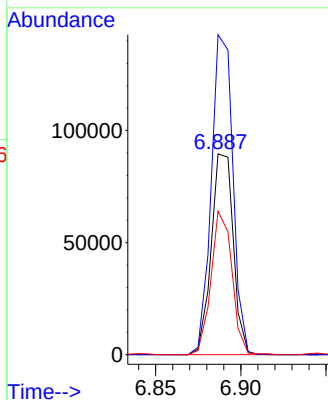
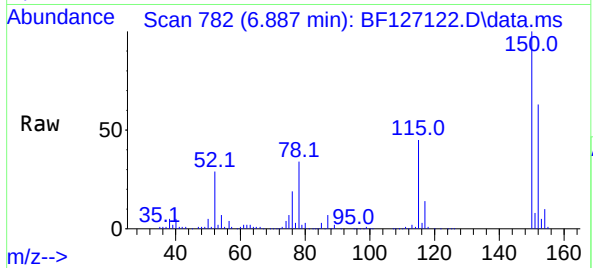




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

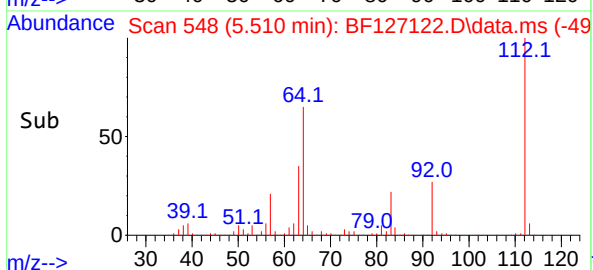
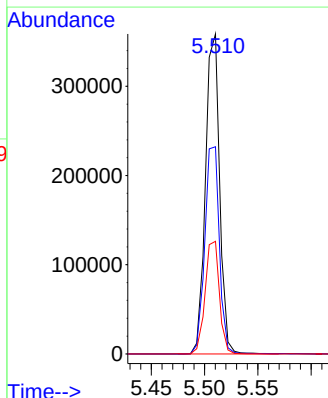
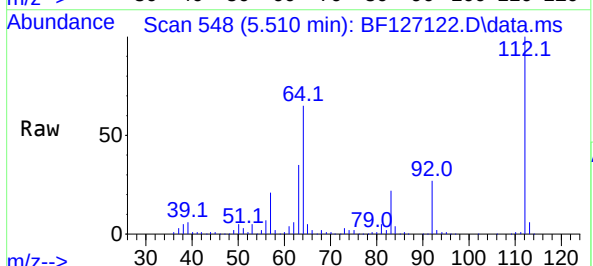
Instrument :
BNA_F
ClientSampleId :
MW-22

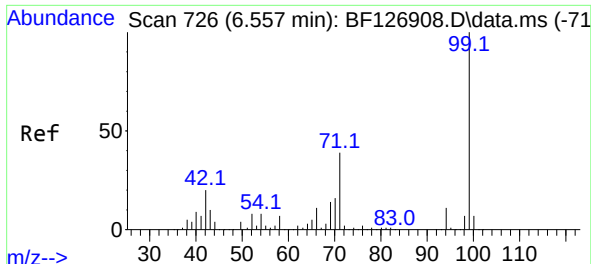
Tgt Ion:152 Resp: 80804
Ion Ratio Lower Upper
152 100
150 159.4 128.1 192.1
115 71.4 56.7 85.1



#5
2-Fluorophenol
Concen: 63.758 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

Tgt Ion:112 Resp: 333334
Ion Ratio Lower Upper
112 100
64 64.8 49.5 74.3
63 35.2 23.9 35.9

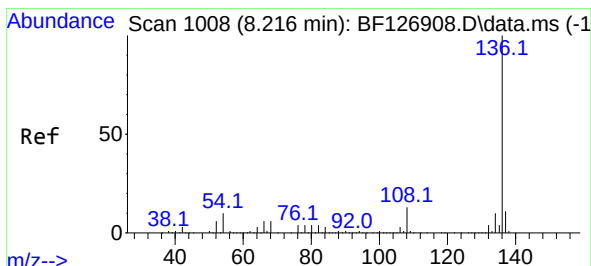
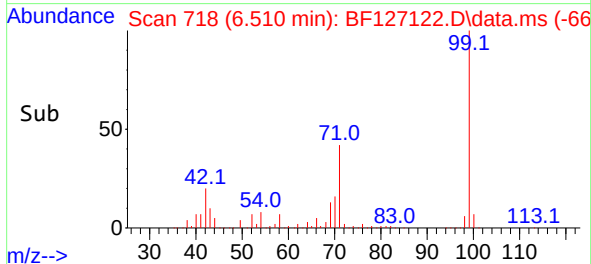
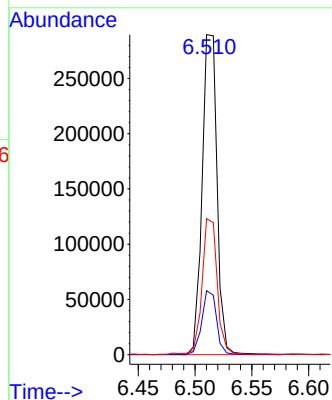
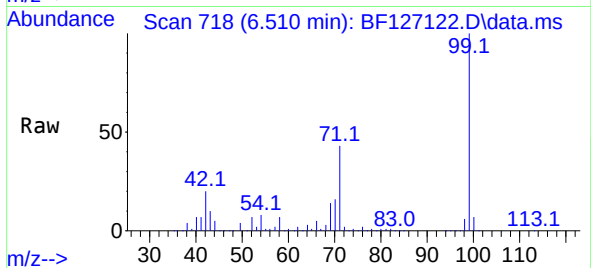




#7
Phenol-d6
Concen: 37.680 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

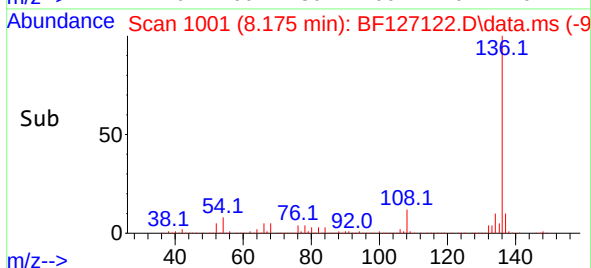
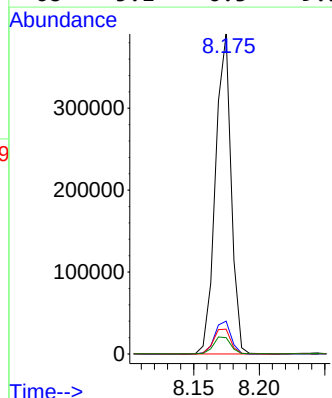
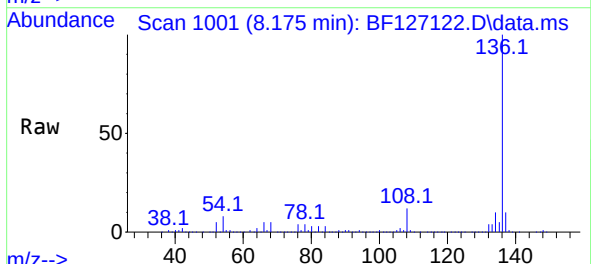
Instrument :
BNA_F
ClientSampleId :
MW-22

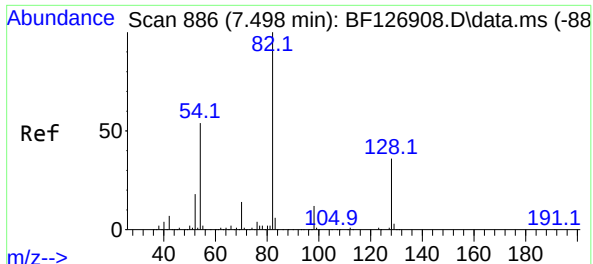
Tgt Ion: 99 Resp: 265816
Ion Ratio Lower Upper
99 100
42 20.0 14.2 21.4
71 42.5 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

Tgt Ion: 136 Resp: 324555
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 7.8 7.8 11.6
68 5.1 6.3 9.5#

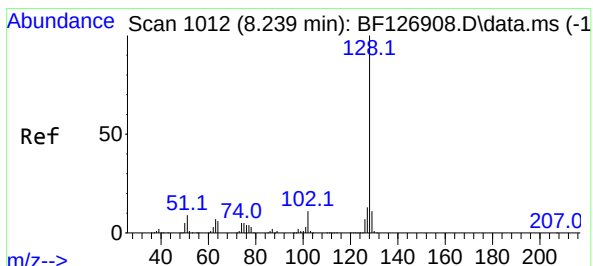
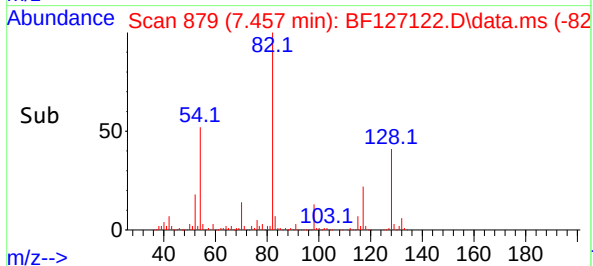
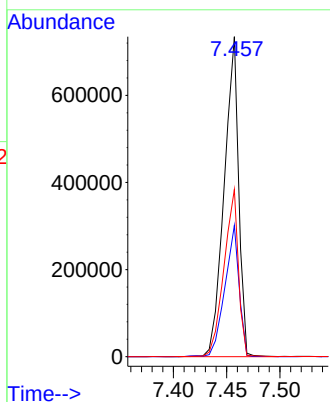
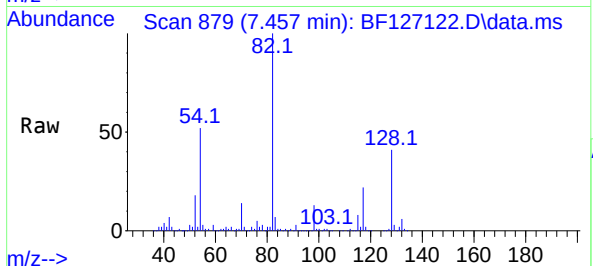




#23
Nitrobenzene-d5
Concen: 96.076 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

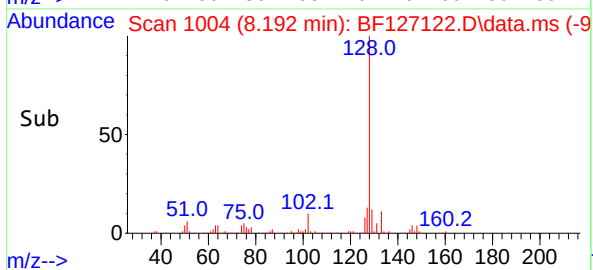
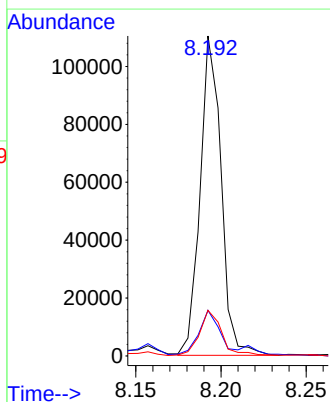
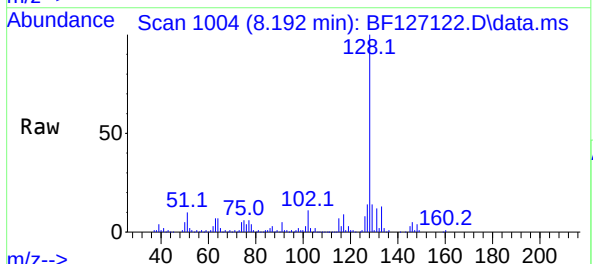
Instrument :
BNA_F
ClientSampleId :
MW-22

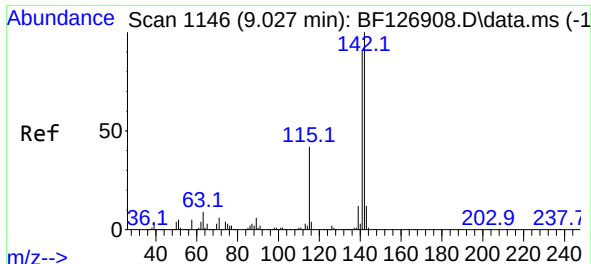
Tgt Ion: 82 Resp: 690822
Ion Ratio Lower Upper
82 100
128 41.0 32.7 49.1
54 52.3 41.7 62.5



#31
Naphthalene
Concen: 5.589 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

Tgt Ion: 128 Resp: 94685
Ion Ratio Lower Upper
128 100
129 14.3 8.6 13.0#
127 14.3 10.3 15.5

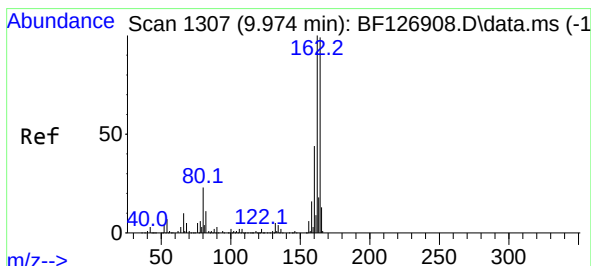
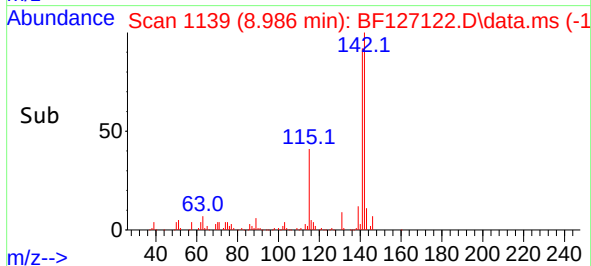
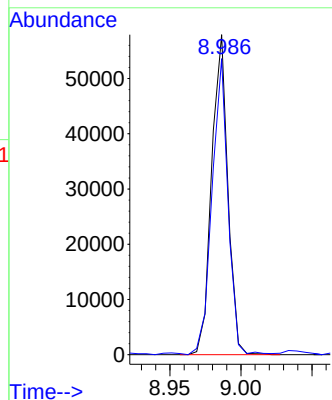
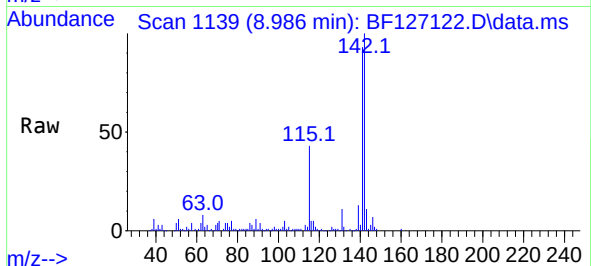




#38
1-Methylnaphthalene
Concen: 4.370 ng
RT: 8.986 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

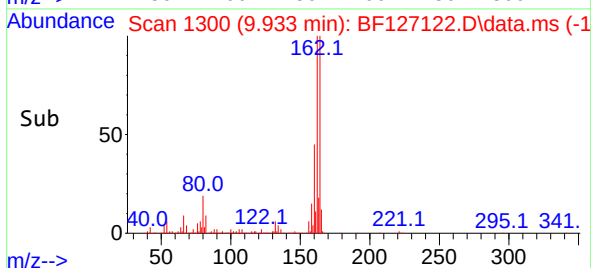
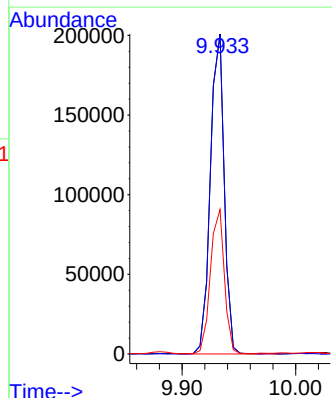
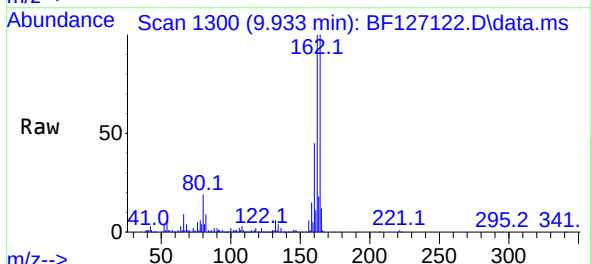
Instrument :
BNA_F
ClientSampleId :
MW-22

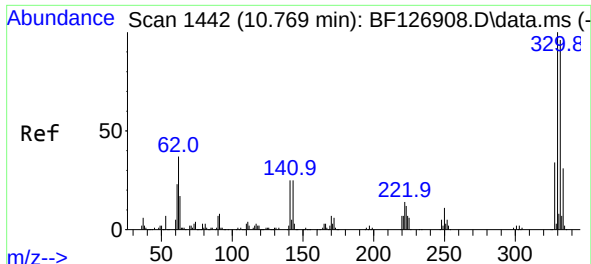
Tgt Ion:142 Resp: 46008
Ion Ratio Lower Upper
142 100
141 92.5 72.1 108.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

Tgt Ion:164 Resp: 169604
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 45.2 36.6 54.8

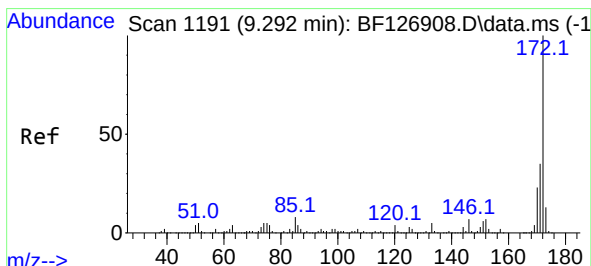
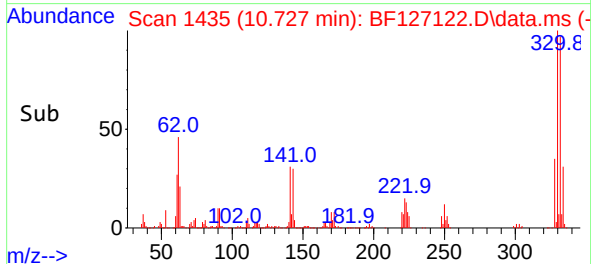
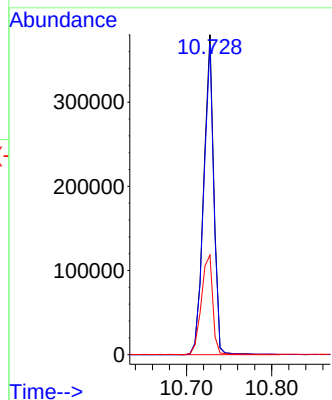
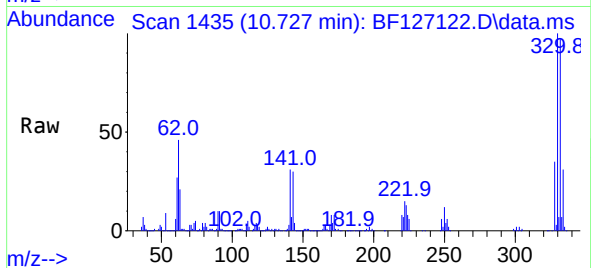




#42
2,4,6-Tribromophenol
Concen: 160.435 ng
RT: 10.727 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

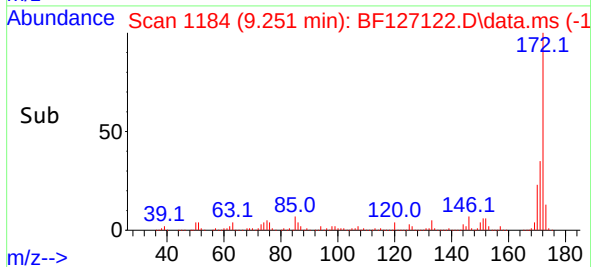
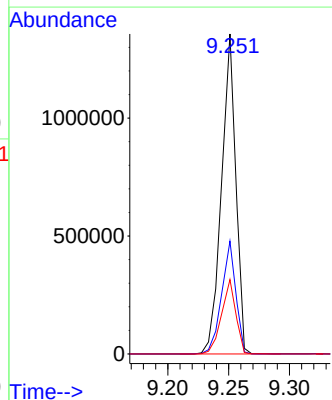
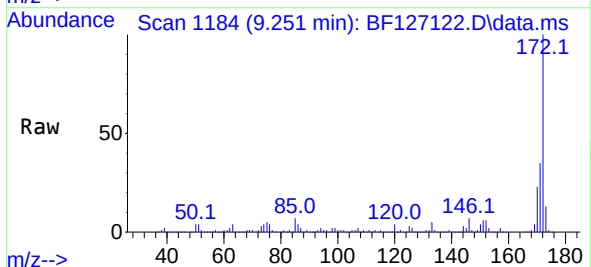
Instrument :
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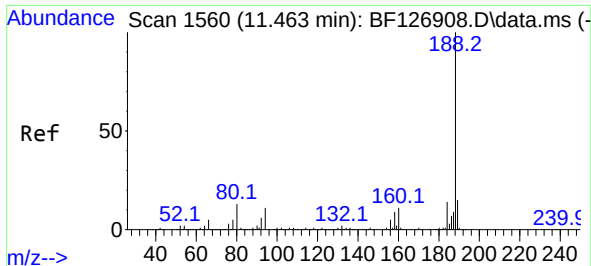
Tgt Ion:330 Resp: 313291
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 35.0 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 96.823 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

Tgt Ion:172 Resp: 1115476
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.2 19.0 28.6

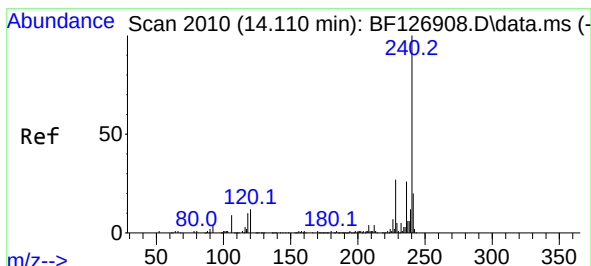
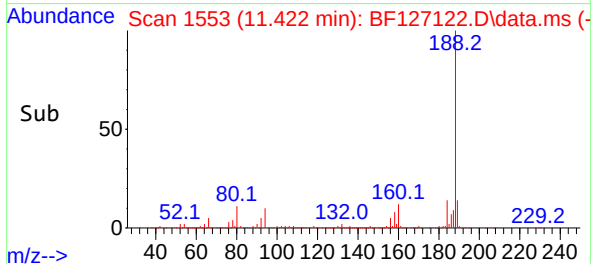
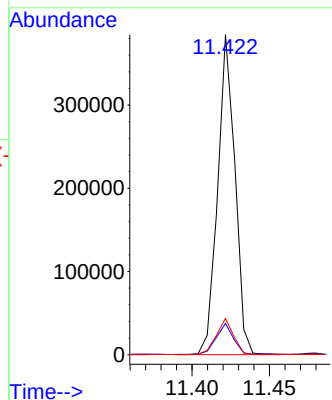
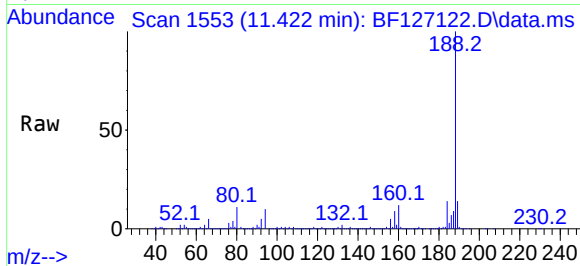




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

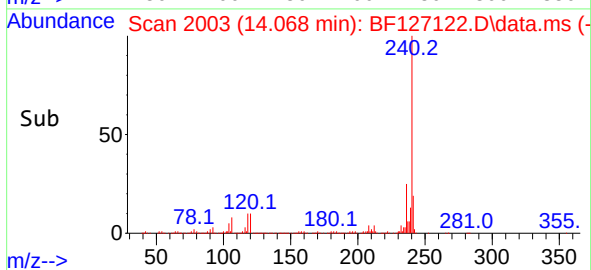
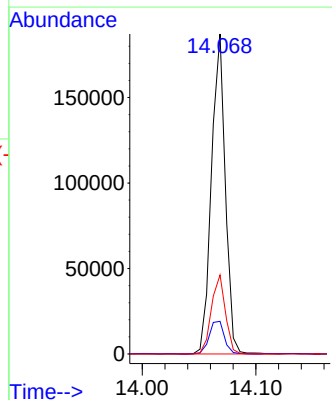
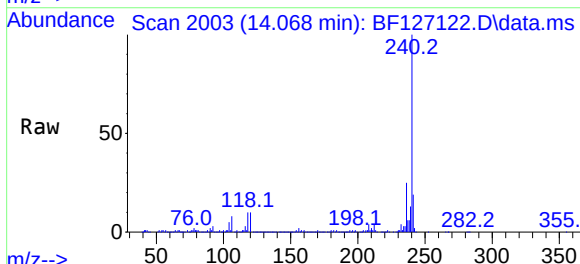
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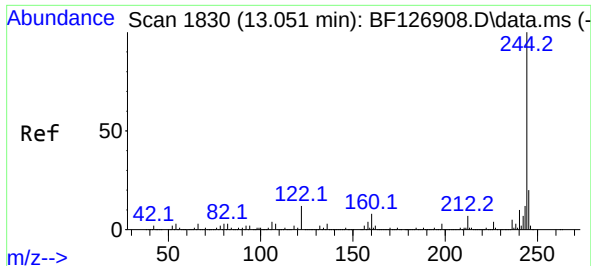
Tgt Ion:188 Resp: 298973
Ion Ratio Lower Upper
188 100
94 9.8 10.1 15.1#
80 11.3 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

Tgt Ion:240 Resp: 158323
Ion Ratio Lower Upper
240 100
120 10.2 14.4 21.6#
236 24.7 20.5 30.7

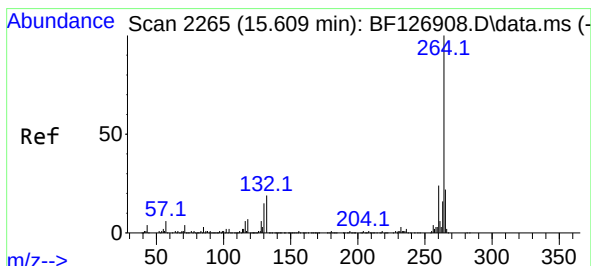
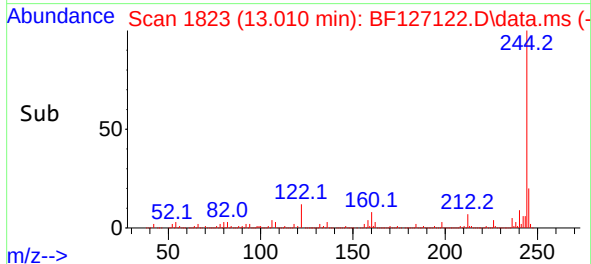
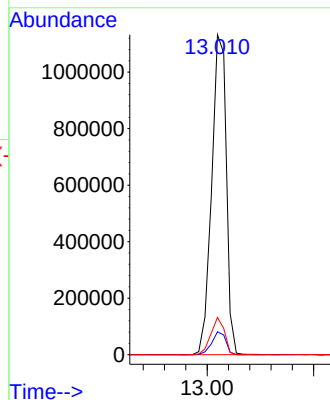
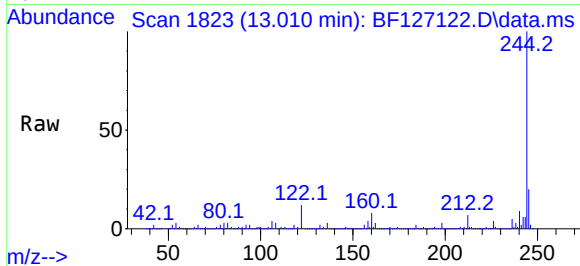




#79
 Terphenyl-d14
 Concen: 100.348 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127122.D
 Acq: 01 Mar 2022 18:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Tgt Ion:244 Resp: 1080751
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 11.7 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: BF127122.D
 Acq: 01 Mar 2022 18:05

Tgt Ion:264 Resp: 156603
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.2 28.8
 265 19.5 17.4 26.2

