

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128382.D
 Acq On : 21 May 2022 00:04
 Operator : CG\JU
 Sample : N2943-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Quant Time: May 23 02:40:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

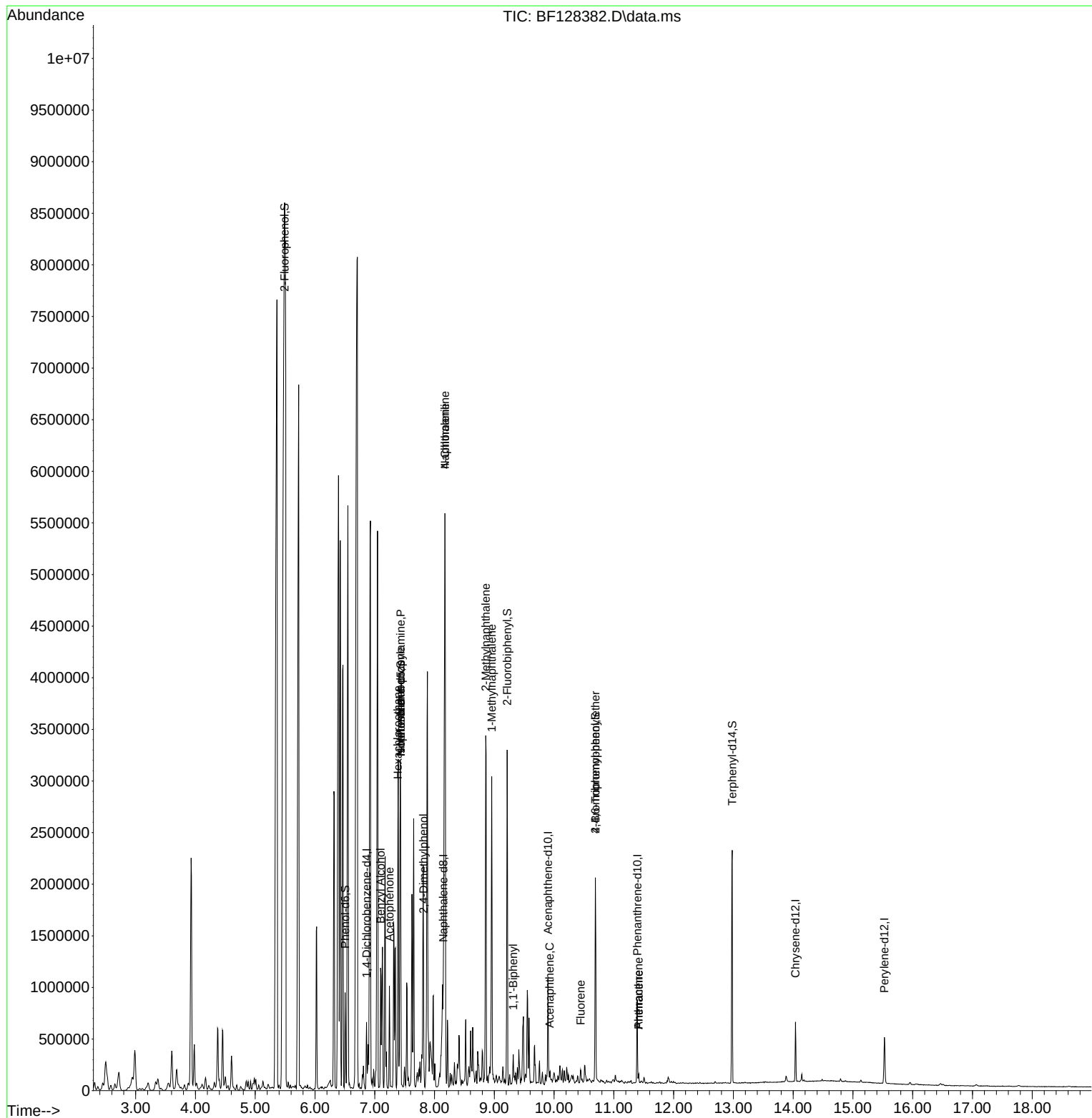
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	86962	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	300147	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	177216	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	285109	20.000	ng	0.00
76) Chrysene-d12	14.039	240	190601	20.000	ng	-0.01
86) Perylene-d12	15.527	264	199716	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	167228	30.602	ng	0.01
7) Phenol-d6	6.504	99	293434	40.779	ng	0.00
23) Nitrobenzene-d5	7.434	82	559357	83.499	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	227717	124.597	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	972536	89.745	ng	0.00
79) Terphenyl-d14	12.980	244	818611	82.909	ng	0.00
Target Compounds						
9) Benzaldehyde	6.422	77	280351	Below Cal		Qvalue
15) Benzyl Alcohol	7.098	79	26093	4.898	ng	# 1
18) Hexachloroethane	7.387	117	276060	117.050	ng	# 1
19) n-Nitroso-di-n-propyla...	7.434	70	75063	17.442	ng	# 81
22) Acetophenone	7.245	105	345150	47.235	ng	# 57
24) Nitrobenzene	7.428	77	43395	6.921	ng	# 3
25) Isophorone	7.434	82	555322	54.094	ng	# 68
27) 2,4-Dimethylphenol	7.816	122	8594	2.172	ng	83
31) Naphthalene	8.175	128	3114834	212.955	ng	98
33) 4-Chloroaniline	8.175	127	441327	75.403	ng	# 30
37) 2-Methylnaphthalene	8.857	142	1001351	104.409	ng	99
38) 1-Methylnaphthalene	8.957	142	710451	77.012	ng	99
46) 1,1'-Biphenyl	9.316	154	48490	3.787	ng	98
52) Acenaphthene	9.928	154	19484	2.183	ng	99
58) Fluorene	10.445	166	30191	2.847	ng	97
67) 4-Bromophenyl-phenylether	10.692	248	13628	4.567	ng	# 1
71) Phenanthrene	11.416	178	28378	2.040	ng	98
72) Anthracene	11.416	178	28378	2.052	ng	96

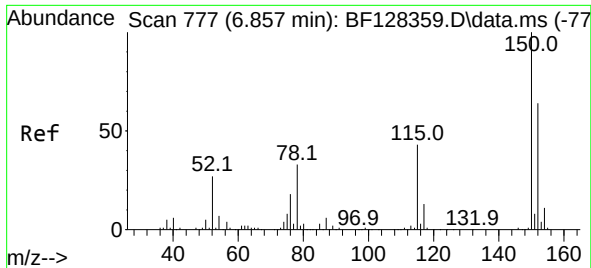
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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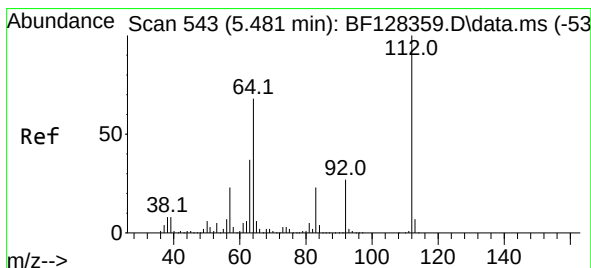
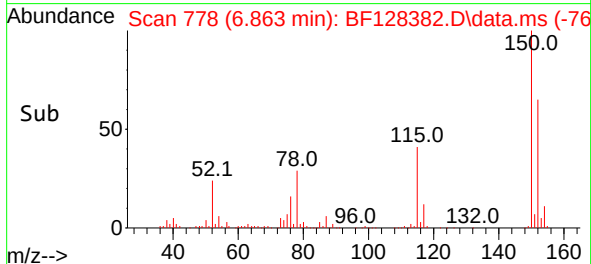
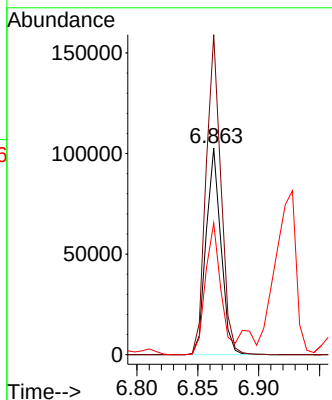
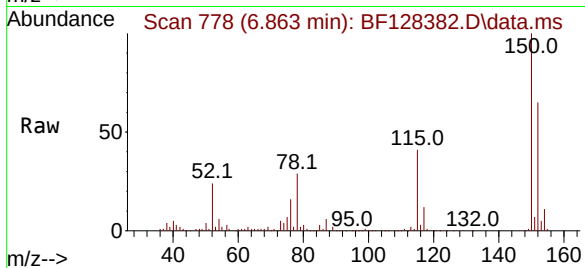




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

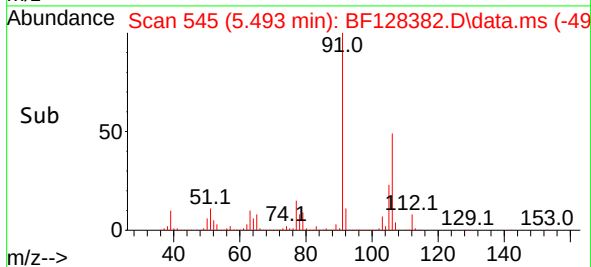
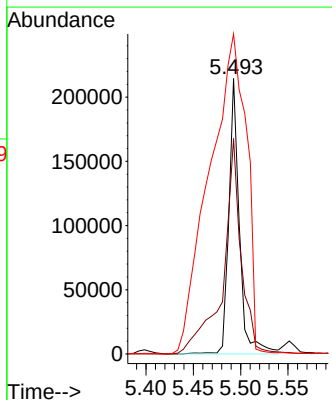
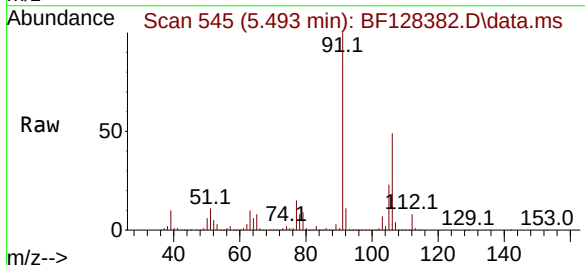
Instrument :
BNA_F
ClientSampleId :
MW-23

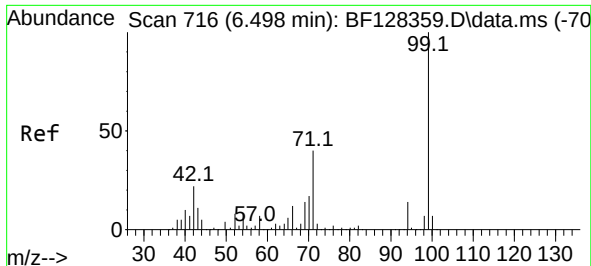
Tgt Ion:152 Resp: 86962
Ion Ratio Lower Upper
152 100
150 154.8 125.3 187.9
115 63.7 48.8 73.2



#5
2-Fluorophenol
Concen: 30.602 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.012 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

Tgt Ion:112 Resp: 167228
Ion Ratio Lower Upper
112 100
64 78.2 49.5 74.3#
63 116.2 26.3 39.5#

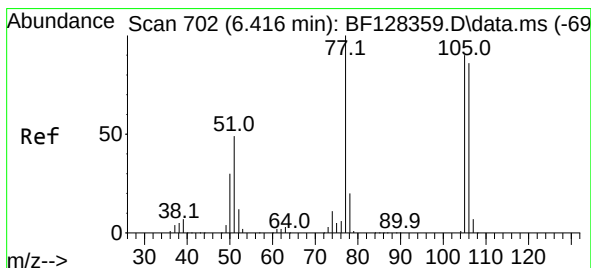
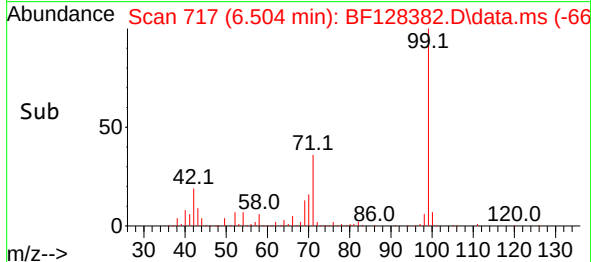
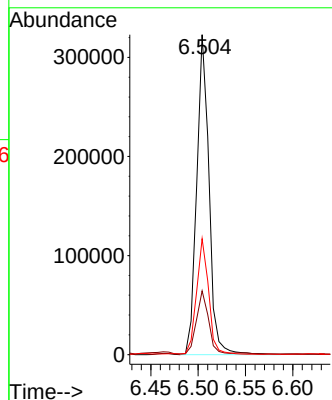
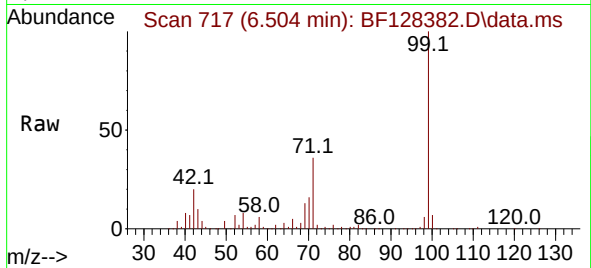




#7
Phenol-d6
Concen: 40.779 ng
RT: 6.504 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

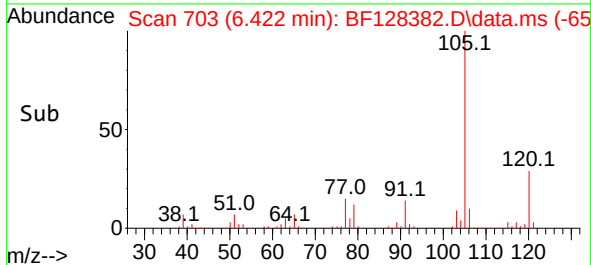
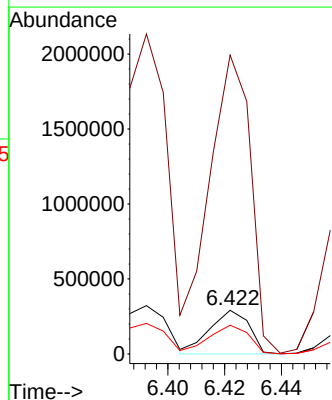
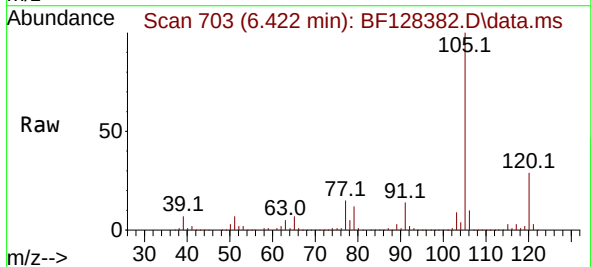
Instrument :
BNA_F
ClientSampleId :
MW-23

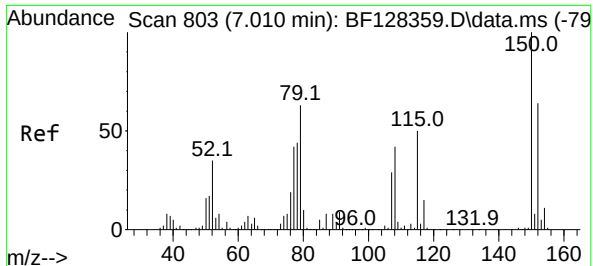
Tgt Ion: 99 Resp: 293434
Ion Ratio Lower Upper
99 100
42 20.0 16.6 24.8
71 36.3 30.0 45.0



#9
Benzaldehyde
Concen: Below Cal
RT: 6.422 min Scan# 703
Delta R.T. 0.006 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

Tgt Ion: 77 Resp: 280351
Ion Ratio Lower Upper
77 100
105 684.5 74.9 114.9#
106 65.9 72.2 112.2#





#15

Benzyl Alcohol

Concen: 4.898 ng

RT: 7.098 min Scan# 818

Delta R.T. 0.088 min

Lab File: BF128382.D

Acq: 21 May 2022 00:04

Instrument :

BNA_F

ClientSampleId :

MW-23

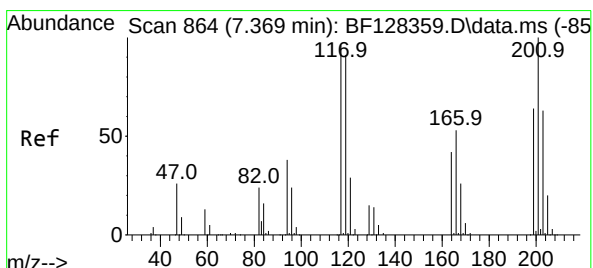
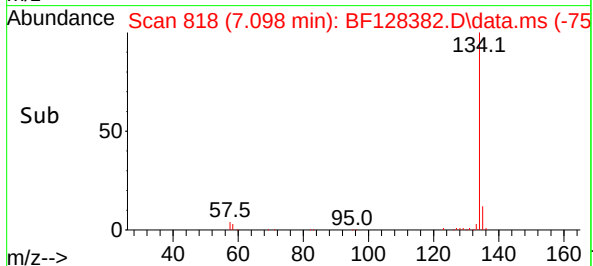
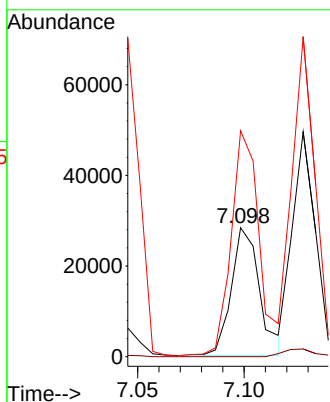
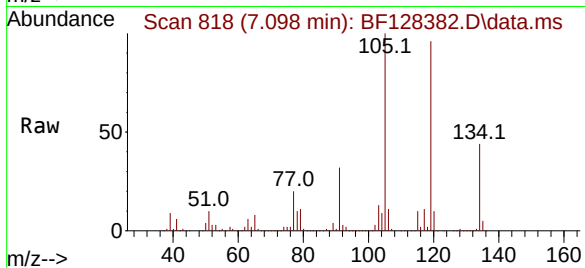
Tgt Ion: 79 Resp: 26093

Ion Ratio Lower Upper

79 100

108 0.0 57.0 85.6#

77 175.1 50.2 75.4#



#18

Hexachloroethane

Concen: 117.050 ng

RT: 7.387 min Scan# 867

Delta R.T. 0.018 min

Lab File: BF128382.D

Acq: 21 May 2022 00:04

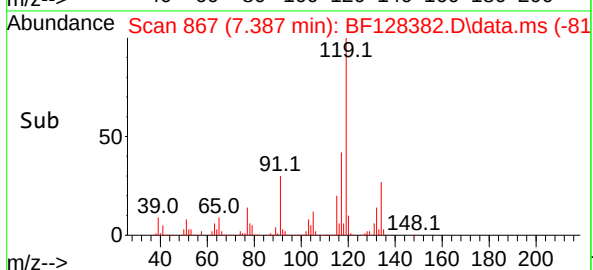
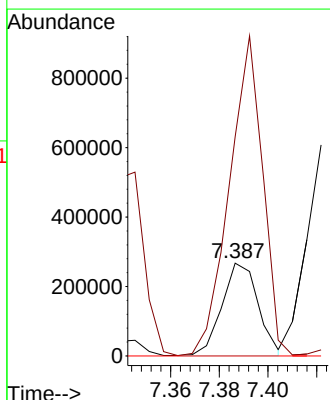
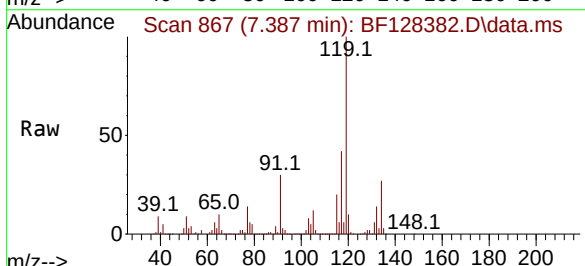
Tgt Ion: 117 Resp: 276060

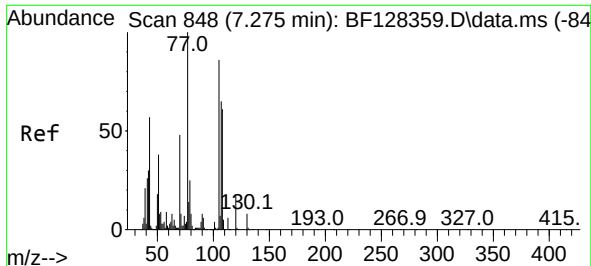
Ion Ratio Lower Upper

117 100

119 236.2 76.2 114.4#

201 0.0 84.4 126.6#



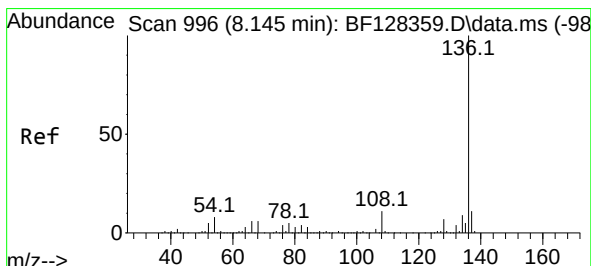
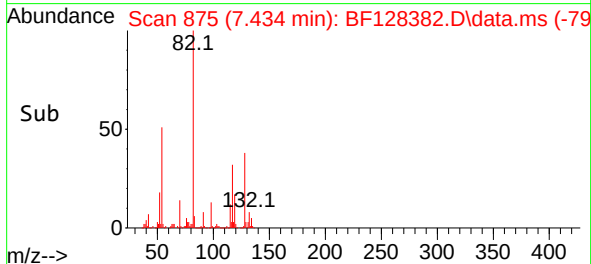
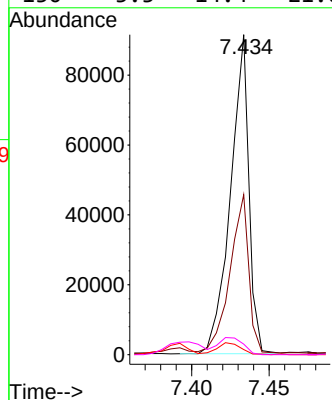
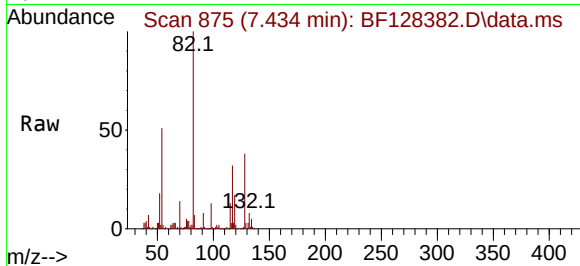


#19
n-Nitroso-di-n-propylamine
Concen: 17.442 ng
RT: 7.434 min Scan# 81
Delta R.T. 0.159 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

Instrument :
BNA_F
ClientSampleId :
MW-23

Tgt Ion: 70 Resp: 75063

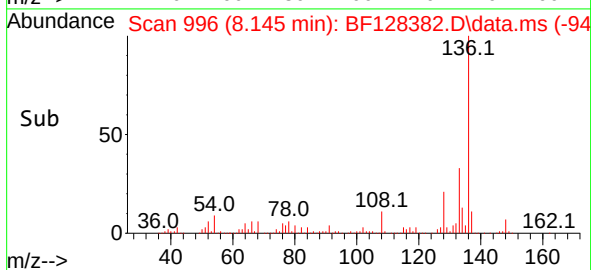
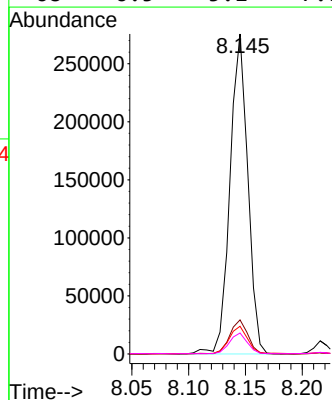
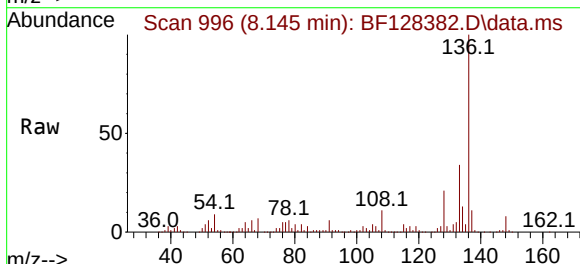
Ion	Ratio	Lower	Upper
70	100		
42	50.0	48.7	73.1
101	1.6	7.2	10.8#
130	3.3	14.4	21.6#

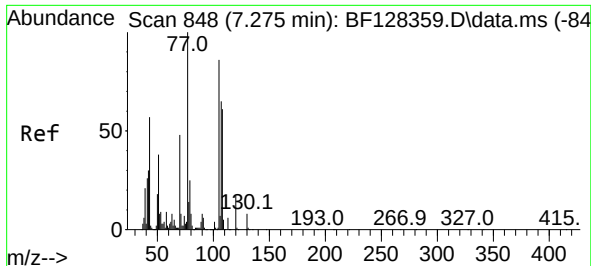


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

Tgt Ion: 136 Resp: 300147

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.7	6.8	10.2
68	6.5	5.1	7.7

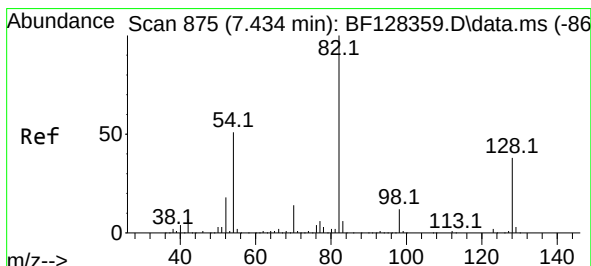
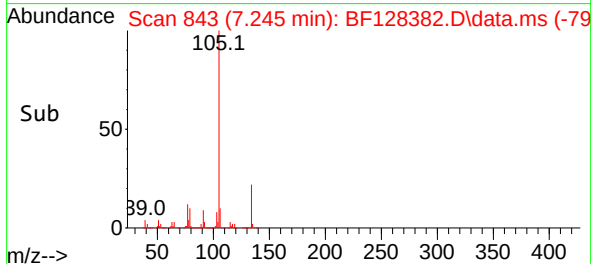
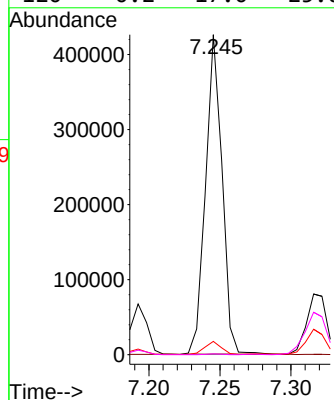
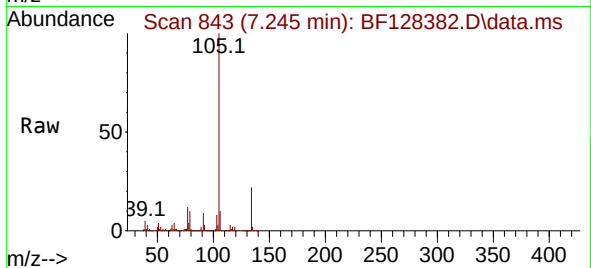




#22
Acetophenone
Concen: 47.235 ng
RT: 7.245 min Scan# 843
Delta R.T. -0.029 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

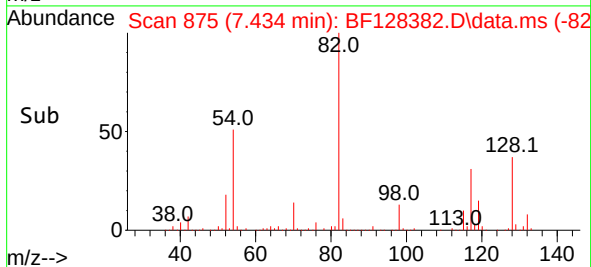
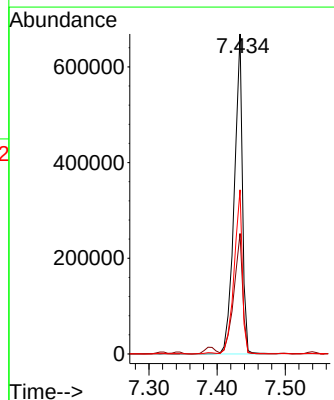
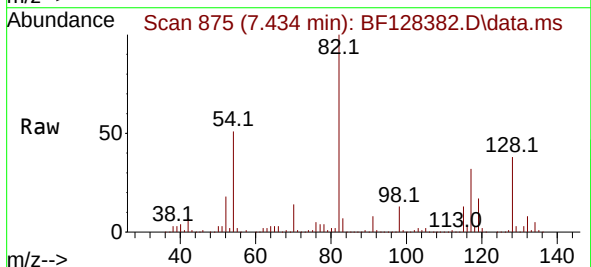
Instrument :
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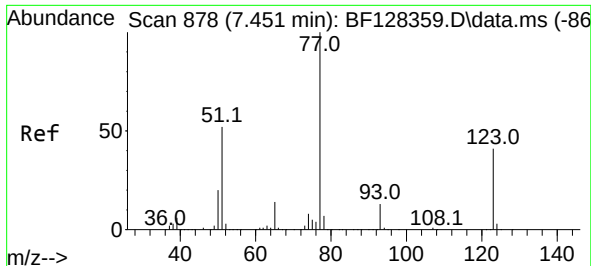
Tgt Ion:105 Resp: 345150
Ion Ratio Lower Upper
105 100
71 0.2 7.3 10.9#
51 4.2 23.7 35.5#
120 0.2 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 83.499 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

Tgt Ion: 82 Resp: 559357
Ion Ratio Lower Upper
82 100
128 37.6 30.0 45.0
54 51.3 41.3 61.9

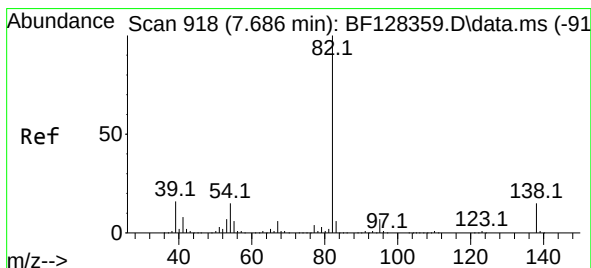
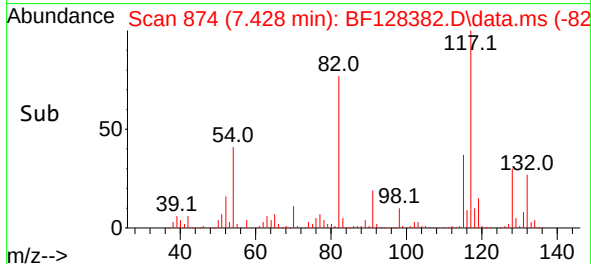
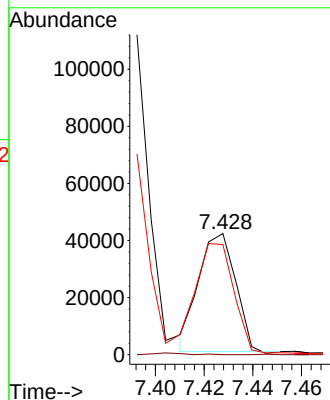
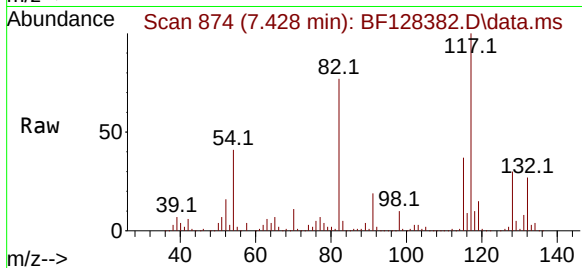




#24
Nitrobenzene
Concen: 6.921 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.024 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

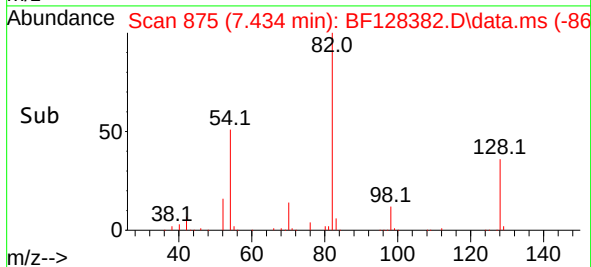
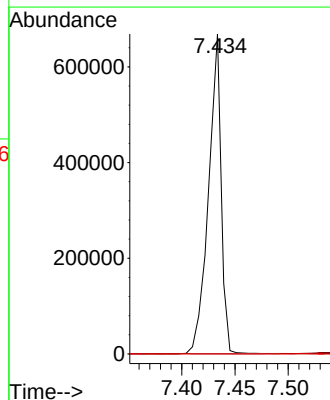
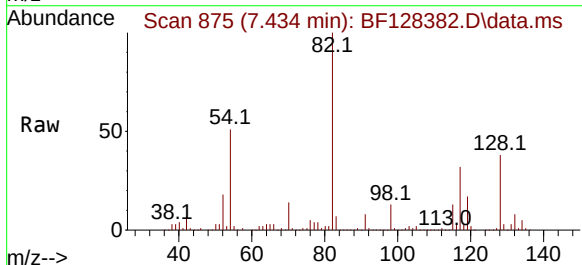
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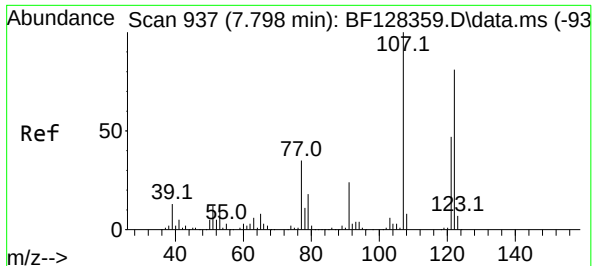
Tgt Ion: 77 Resp: 43395
Ion Ratio Lower Upper
77 100
123 0.0 32.0 48.0#
65 90.9 11.0 16.6#



#25
Isophorone
Concen: 54.094 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.253 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

Tgt Ion: 82 Resp: 555322
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#

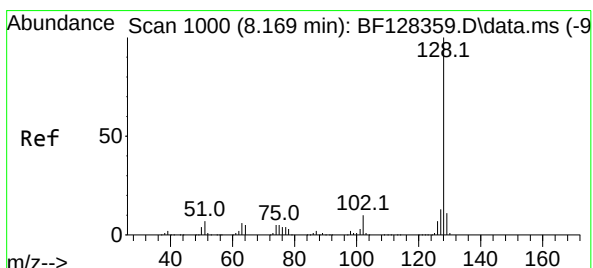
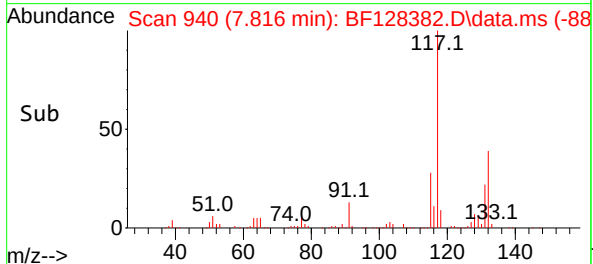
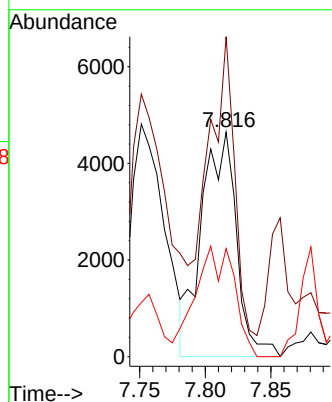
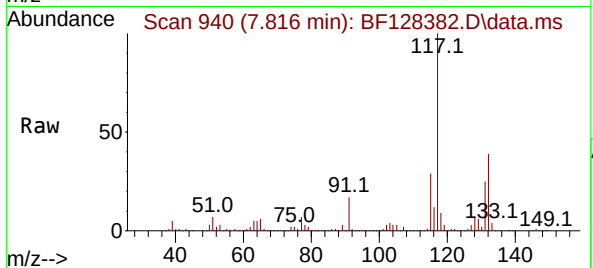




#27
2,4-Dimethylphenol
Concen: 2.172 ng
RT: 7.816 min Scan# 94
Delta R.T. 0.018 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

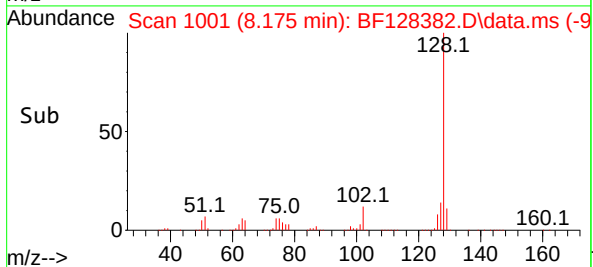
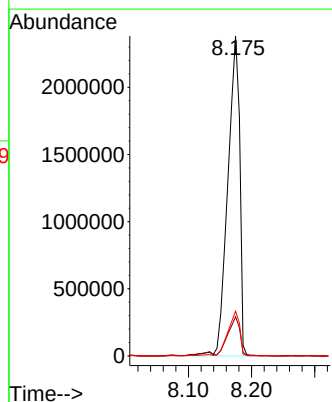
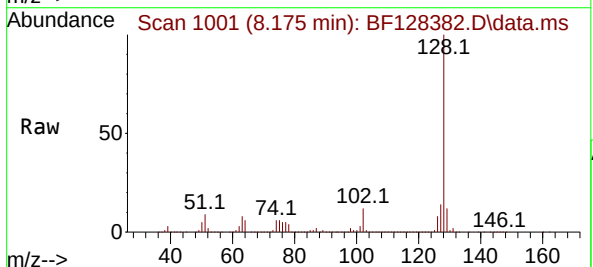
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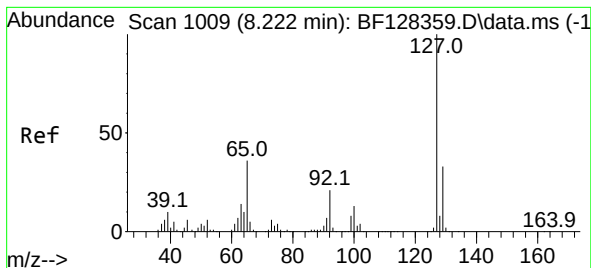
Tgt Ion:122 Resp: 8594
Ion Ratio Lower Upper
122 100
107 142.5 97.5 146.3
121 48.1 46.0 69.0



#31
Naphthalene
Concen: 212.955 ng
RT: 8.175 min Scan# 1001
Delta R.T. 0.006 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

Tgt Ion:128 Resp: 3114834
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.4
127 14.0 10.6 16.0

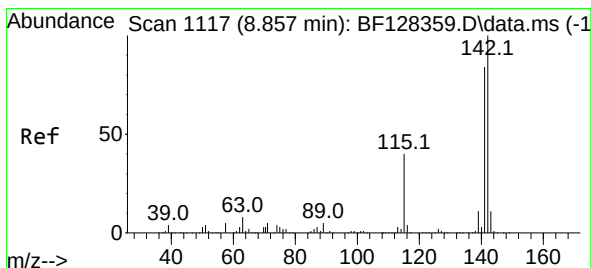
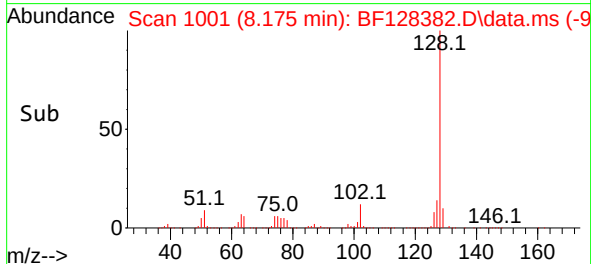
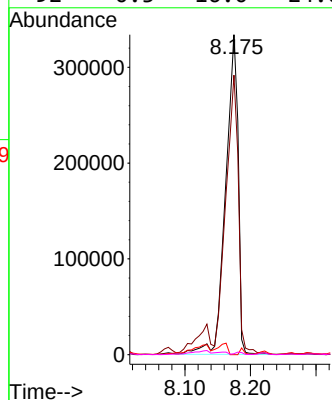
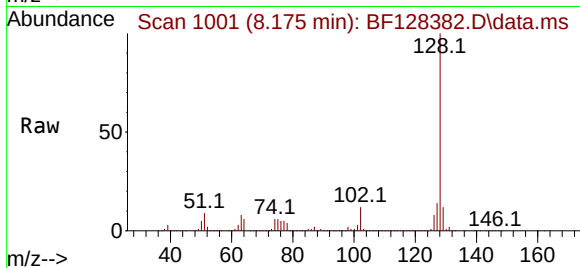




#33
4-Chloroaniline
Concen: 75.403 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.047 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

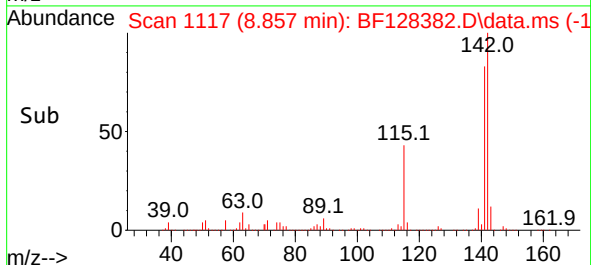
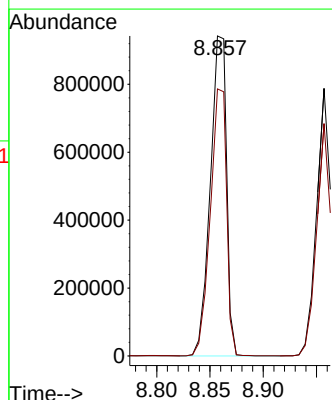
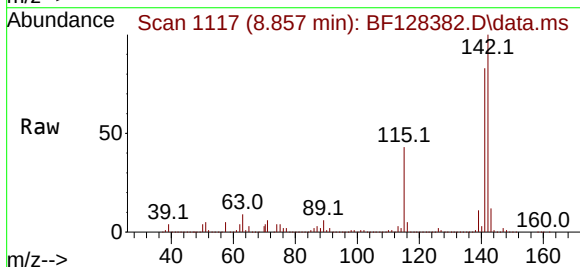
Instrument :
BNA_F
ClientSampleId :
MW-23

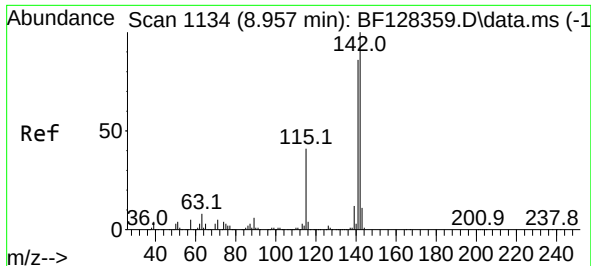
Tgt Ion:127 Resp: 441327
Ion Ratio Lower Upper
127 100
129 87.3 25.8 38.8#
65 0.0 26.7 40.1#
92 0.3 16.0 24.0#



#37
2-Methylnaphthalene
Concen: 104.409 ng
RT: 8.857 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

Tgt Ion:142 Resp: 1001351
Ion Ratio Lower Upper
142 100
141 83.4 67.4 101.2

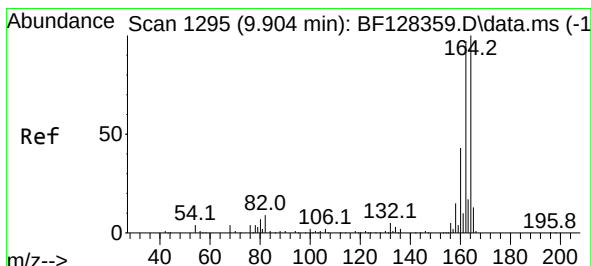
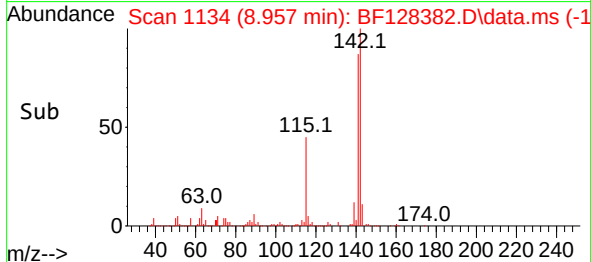
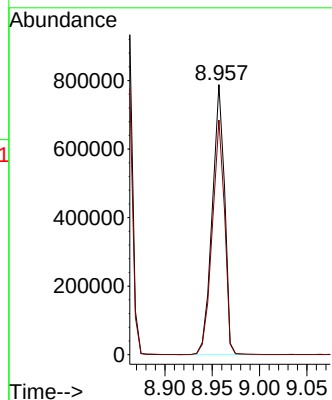
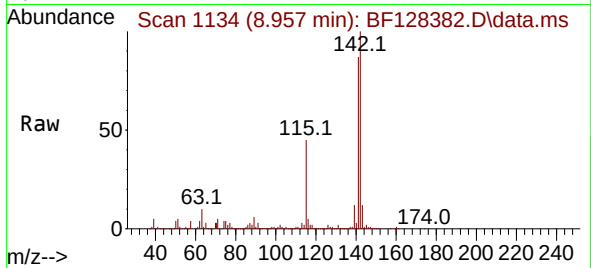




#38
1-Methylnaphthalene
Concen: 77.012 ng
RT: 8.957 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

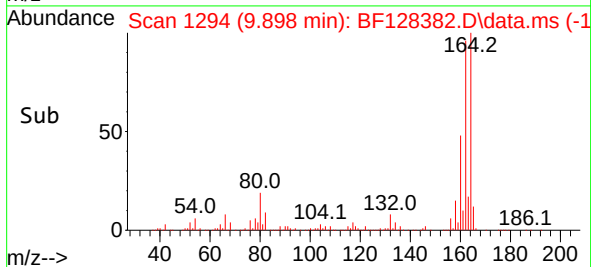
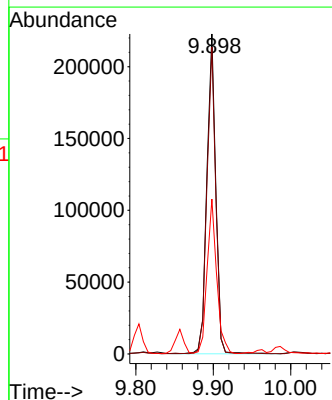
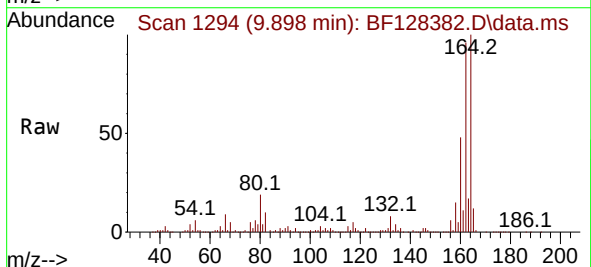
Instrument :
BNA_F
ClientSampleId :
MW-23

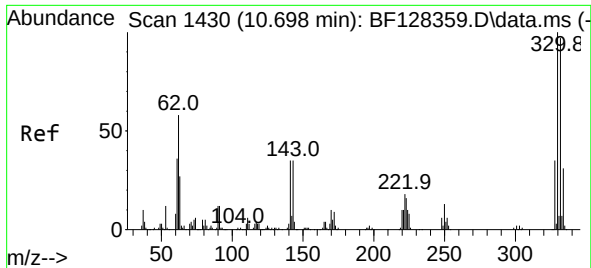
Tgt Ion:142 Resp: 710451
Ion Ratio Lower Upper
142 100
141 86.9 70.1 105.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

Tgt Ion:164 Resp: 177216
Ion Ratio Lower Upper
164 100
162 95.9 76.0 114.0
160 48.4 34.8 52.2

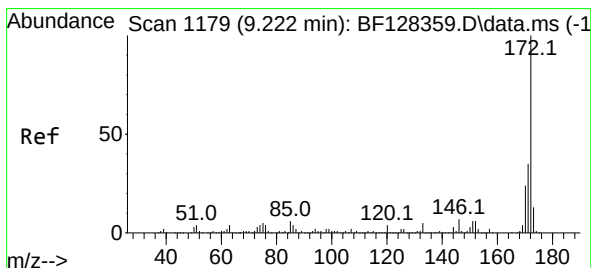
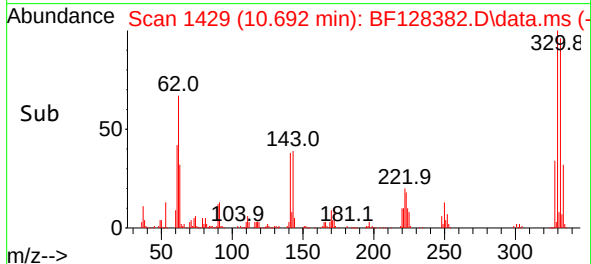
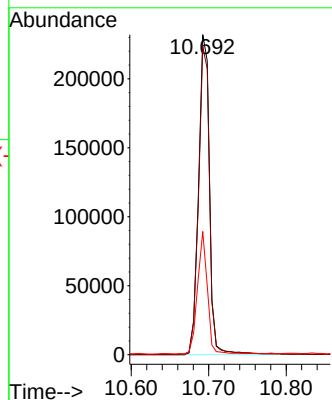
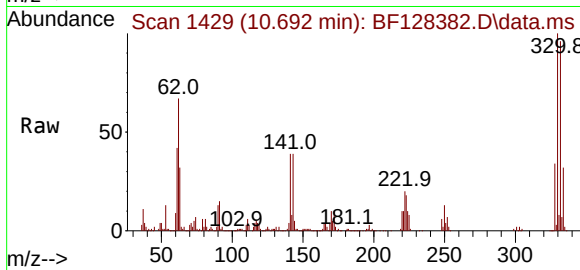




#42
2,4,6-Tribromophenol
Concen: 124.597 ng
RT: 10.692 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

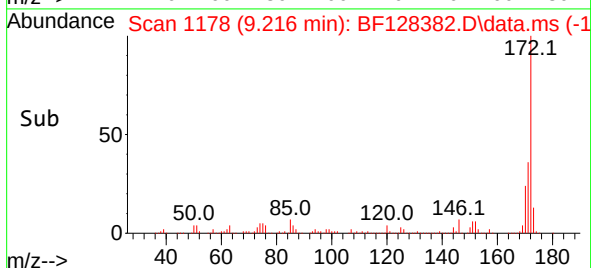
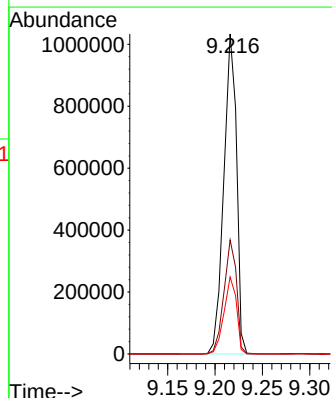
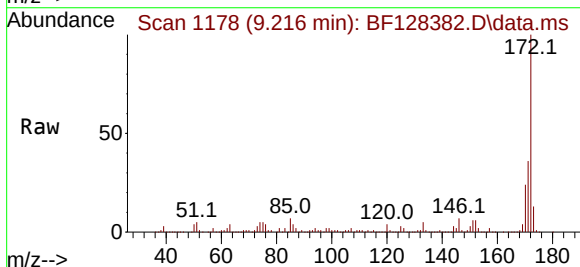
Instrument :
BNA_F
ClientSampleId :
MW-23

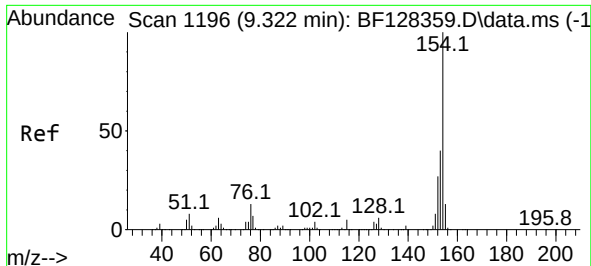
Tgt Ion:330 Resp: 227717
Ion Ratio Lower Upper
330 100
332 97.3 79.0 118.4
141 34.3 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 89.745 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

Tgt Ion:172 Resp: 972536
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 24.1 19.1 28.7

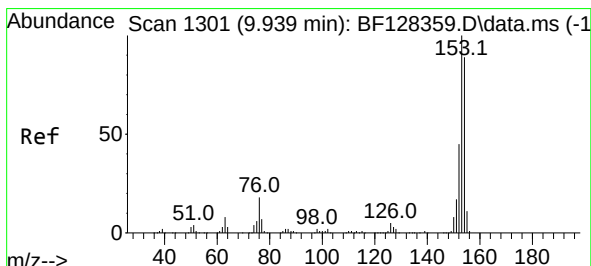
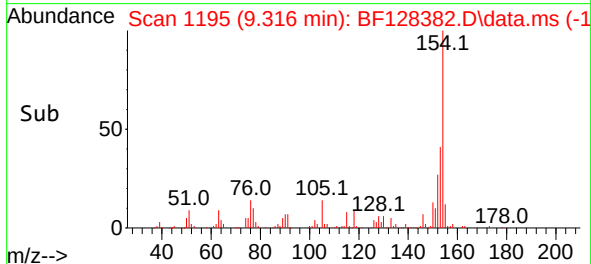
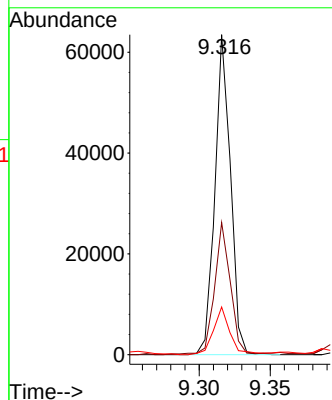
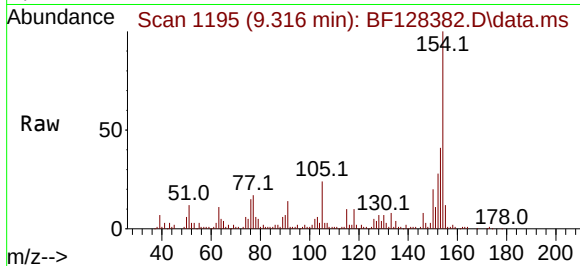




#46
1,1'-Biphenyl
Concen: 3.787 ng
RT: 9.316 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

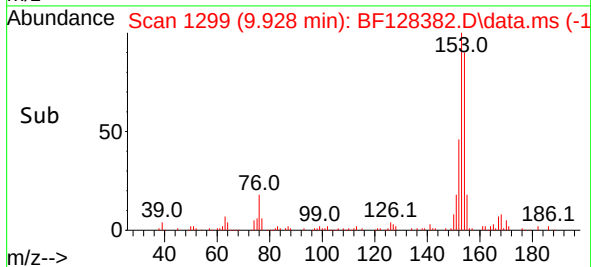
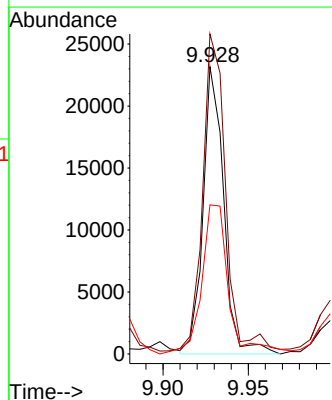
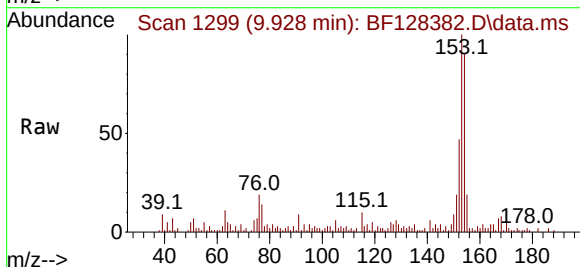
Instrument :
BNA_F
ClientSampleId :
MW-23

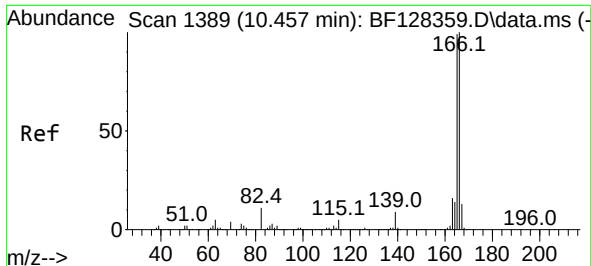
Tgt Ion:154 Resp: 48490
Ion Ratio Lower Upper
154 100
153 41.3 20.4 60.4
76 14.9 0.0 33.2



#52
Acenaphthene
Concen: 2.183 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

Tgt Ion:154 Resp: 19484
Ion Ratio Lower Upper
154 100
153 111.4 90.5 135.7
152 51.9 41.0 61.6

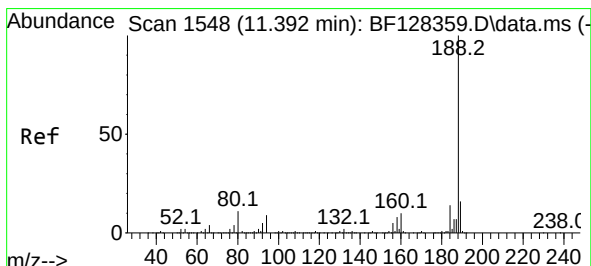
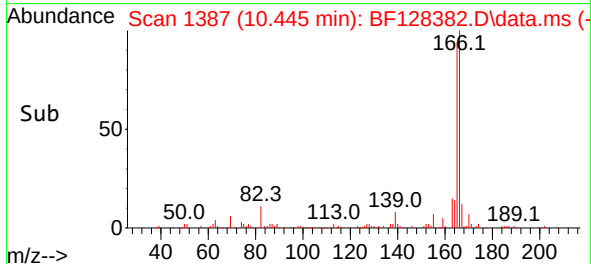
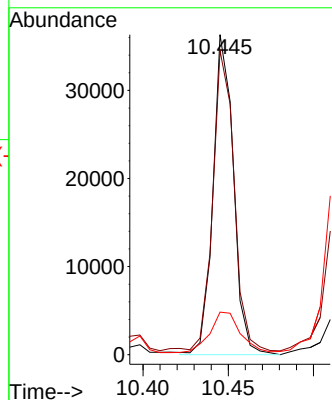
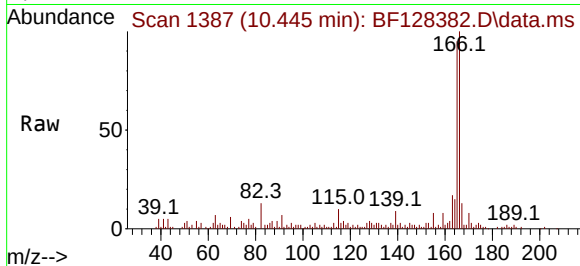




#58
 Fluorene
 Concen: 2.847 ng
 RT: 10.445 min Scan# 1387
 Delta R.T. -0.012 min
 Lab File: BF128382.D
 Acq: 21 May 2022 00:04

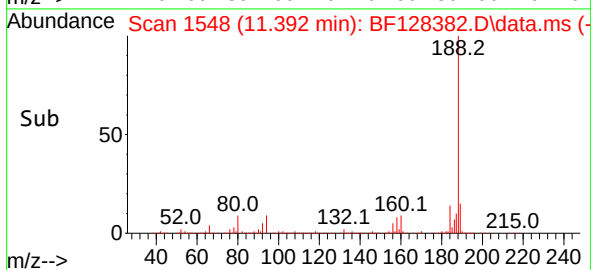
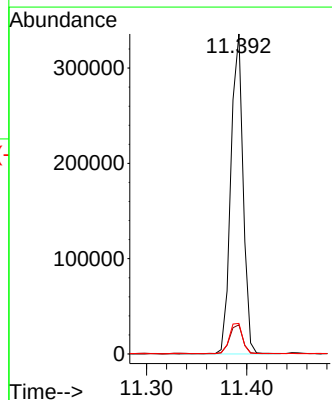
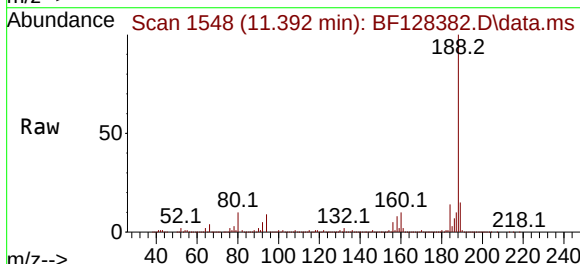
Instrument :
 BNA_F
 ClientSampleId :
 MW-23

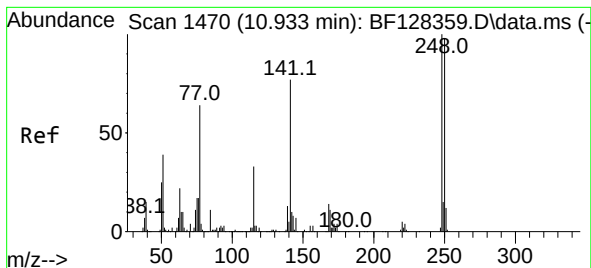
Tgt Ion:166 Resp: 30191
 Ion Ratio Lower Upper
 166 100
 165 95.0 78.6 117.8
 167 13.3 10.5 15.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.392 min Scan# 1548
 Delta R.T. 0.000 min
 Lab File: BF128382.D
 Acq: 21 May 2022 00:04

Tgt Ion:188 Resp: 285109
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.0 12.0
 80 9.6 8.9 13.3

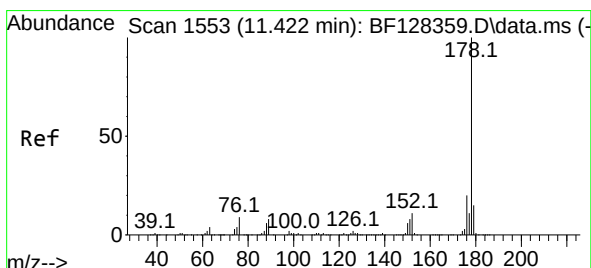
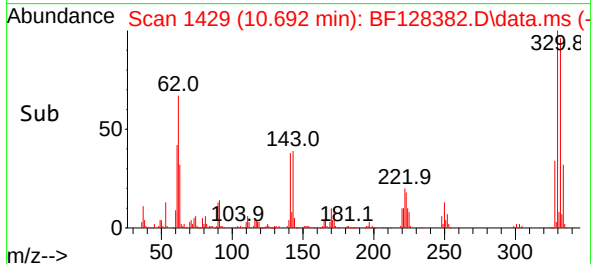
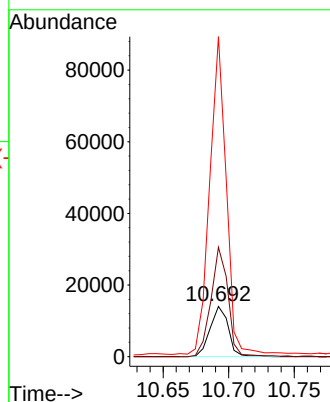
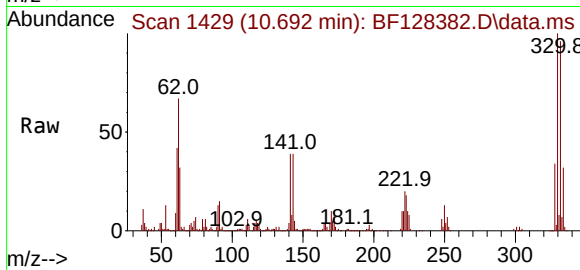




#67
4-Bromophenyl-phenylether
Concen: 4.567 ng
RT: 10.692 min Scan# 1470
Delta R.T. -0.241 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

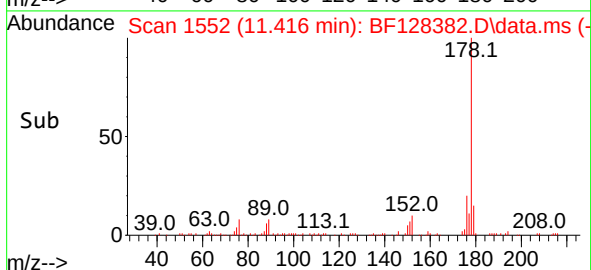
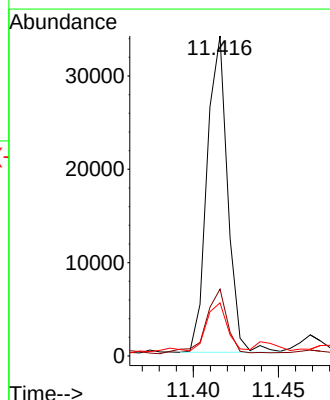
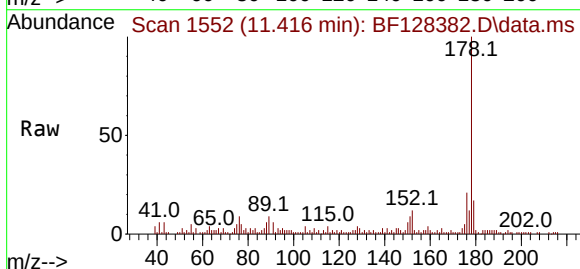
Instrument :
BNA_F
ClientSampleId :
MW-23

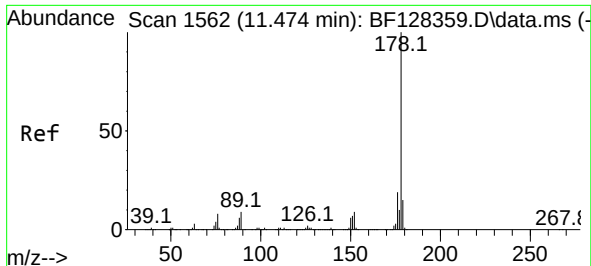
Tgt Ion:248 Resp: 13628
Ion Ratio Lower Upper
248 100
250 217.6 77.7 116.5#
141 636.1 65.6 98.4#



#71
Phenanthrene
Concen: 2.040 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BF128382.D
Acq: 21 May 2022 00:04

Tgt Ion:178 Resp: 28378
Ion Ratio Lower Upper
178 100
176 20.9 15.7 23.5
179 16.6 12.6 19.0

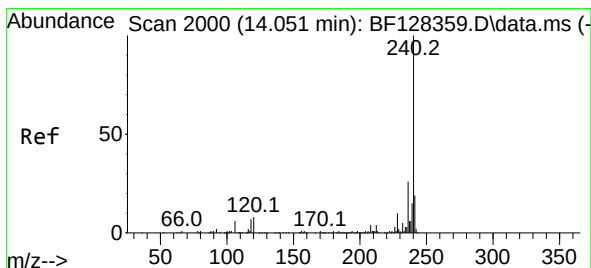
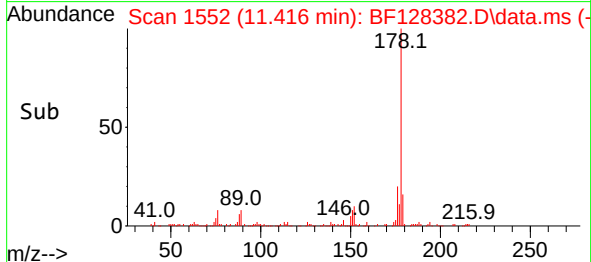
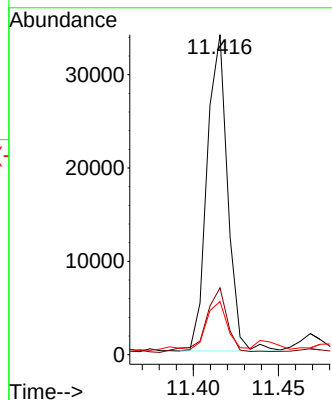
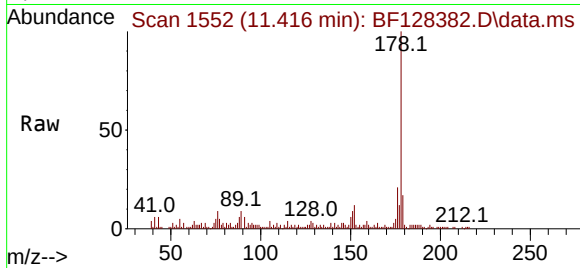




#72
 Anthracene
 Concen: 2.052 ng
 RT: 11.416 min Scan# 11
 Delta R.T. -0.059 min
 Lab File: BF128382.D
 Acq: 21 May 2022 00:04

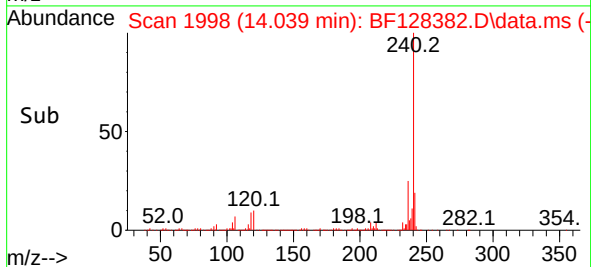
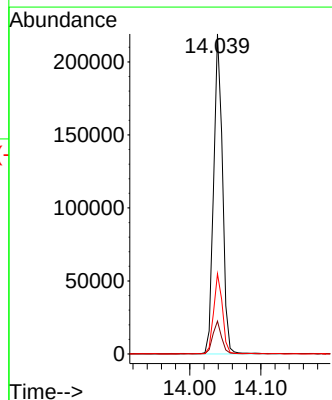
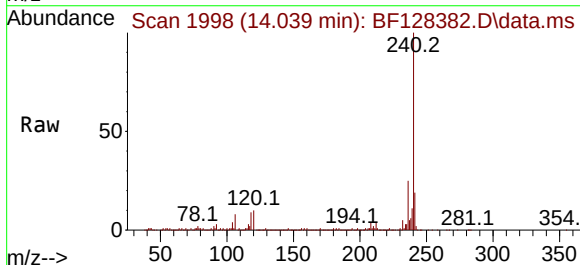
Instrument :
 BNA_F
 ClientSampleId :
 MW-23

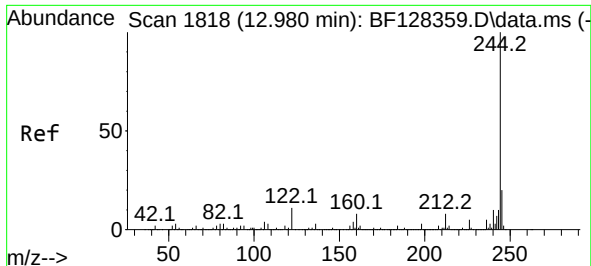
Tgt Ion:178 Resp: 28378
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.0 22.6
 179 16.6 12.4 18.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.039 min Scan# 1998
 Delta R.T. -0.012 min
 Lab File: BF128382.D
 Acq: 21 May 2022 00:04

Tgt Ion:240 Resp: 190601
 Ion Ratio Lower Upper
 240 100
 120 10.3 7.0 10.6
 236 25.1 20.3 30.5

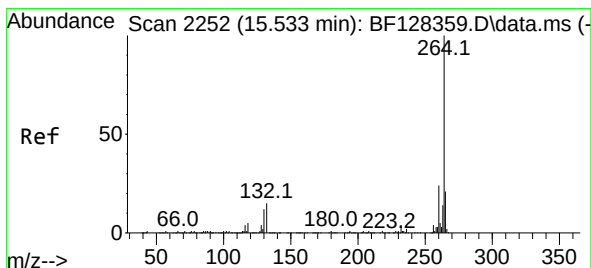
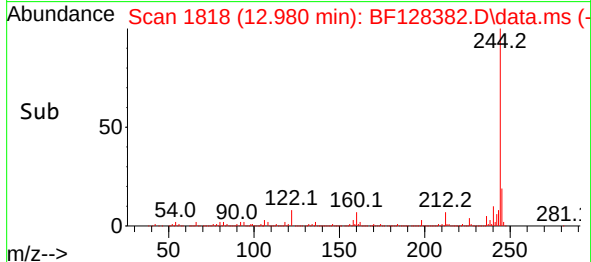
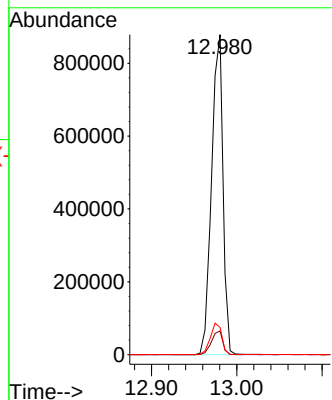
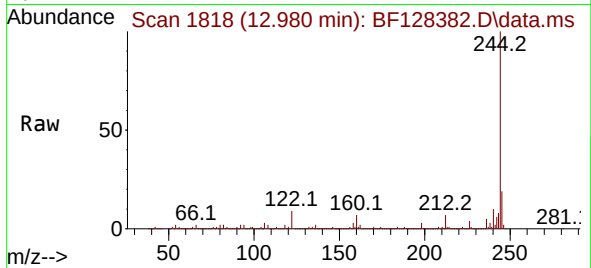




#79
 Terphenyl-d14
 Concen: 82.909 ng
 RT: 12.980 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: BF128382.D
 Acq: 21 May 2022 00:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Tgt Ion:244 Resp: 818611
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 8.5 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF128382.D
 Acq: 21 May 2022 00:04

Tgt Ion:264 Resp: 199716
 Ion Ratio Lower Upper
 264 100
 260 23.3 20.1 30.1
 265 21.3 17.5 26.3

