

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128175.D
 Acq On : 10 May 2022 22:25
 Operator : CG\JU
 Sample : N2763-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20220509

Quant Time: May 11 04:02:10 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

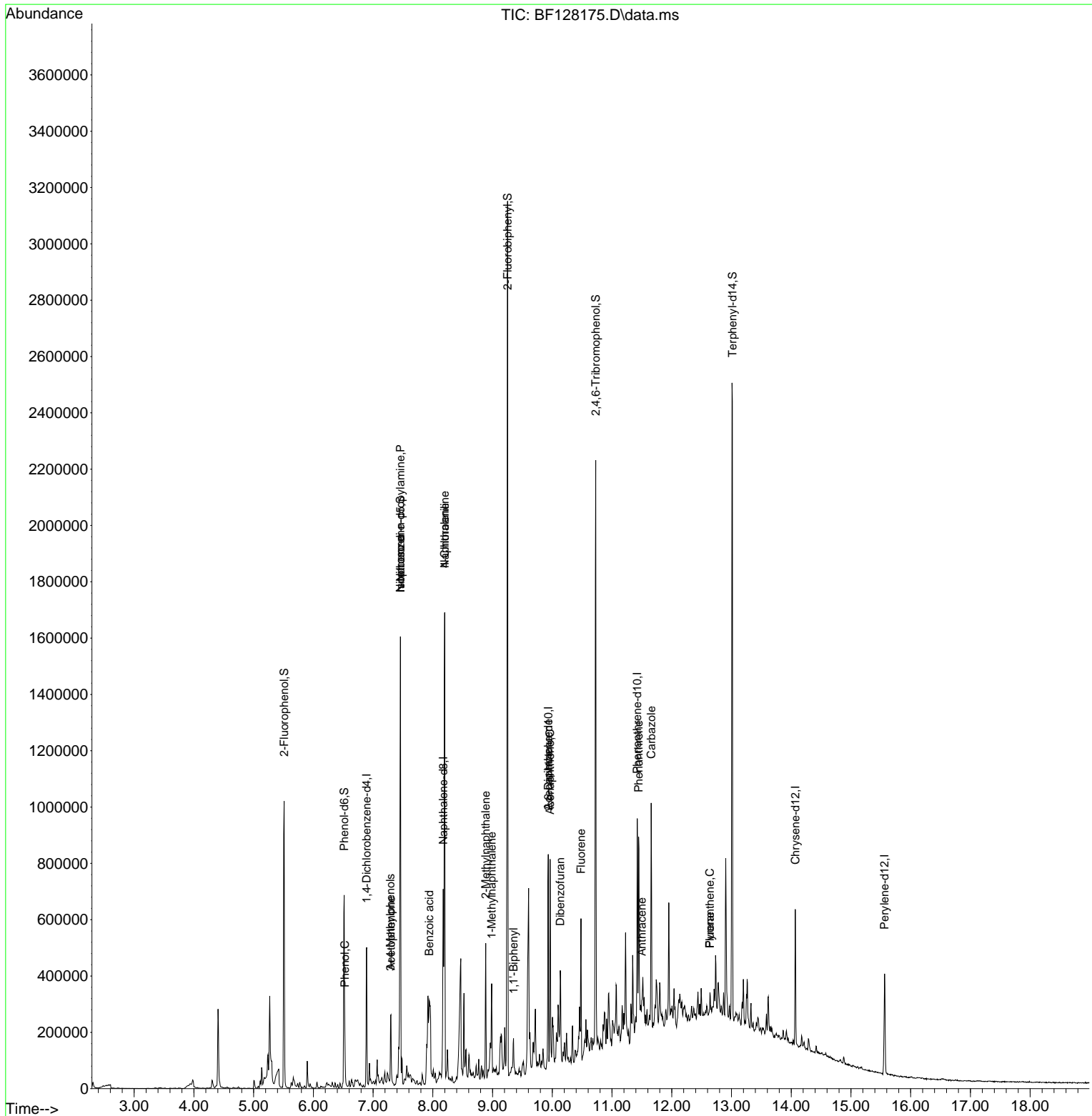
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	71500	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	290164	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	153709	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	269669	20.000	ng	0.00
76) Chrysene-d12	14.068	240	153982	20.000	ng	-0.01
86) Perylene-d12	15.562	264	157109	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	259719	57.906	ng	0.00
7) Phenol-d6	6.516	99	215020	36.245	ng	-0.01
23) Nitrobenzene-d5	7.457	82	534852	82.941	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	228605	129.679	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	889116	90.508	ng	0.00
79) Terphenyl-d14	13.015	244	850892	103.689	ng	0.00
Target Compounds						
9) Benzaldehyde	6.445	77	2731	Below Cal		91
10) Phenol	6.528	94	39548	6.322	ng	97
19) n-Nitroso-di-n-propyla...	7.457	70	75336	20.621	ng	# 78
20) 3+4-Methylphenols	7.292	107	15274	3.183	ng	# 1
22) Acetophenone	7.298	105	53880	7.457	ng	# 95
25) Isophorone	7.457	82	532935	52.714	ng	# 68
31) Naphthalene	8.198	128	510192	35.602	ng	99
32) Benzoic acid	7.939	122	137202	45.545	ng	# 79
33) 4-Chloroaniline	8.198	127	68592	12.057	ng	# 47
37) 2-Methylnaphthalene	8.886	142	109359	11.319	ng	98
38) 1-Methylnaphthalene	8.986	142	80613	8.687	ng	98
46) 1,1'-Biphenyl	9.351	154	25512	2.280	ng	98
51) 2,6-Dinitrotoluene	9.933	165	20615	9.474	ng	# 24
52) Acenaphthene	9.963	154	146282	16.818	ng	97
55) Dibenzofuran	10.133	168	110422	8.941	ng	99
58) Fluorene	10.480	166	112896	11.737	ng	98
71) Phenanthrene	11.445	178	244150	18.182	ng	99
72) Anthracene	11.498	178	27028	2.016	ng	94
73) Carbazole	11.657	167	300279	23.554	ng	99
75) Fluoranthene	12.639	202	35009	2.405	ng	97
78) Pyrene	12.639	202	35009	3.136	ng	95

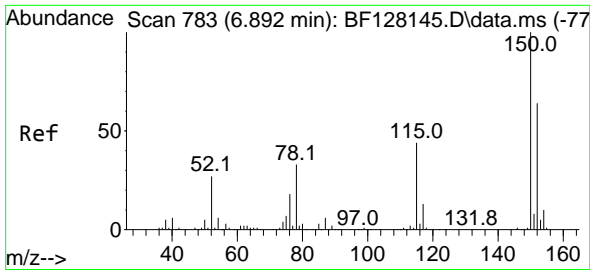
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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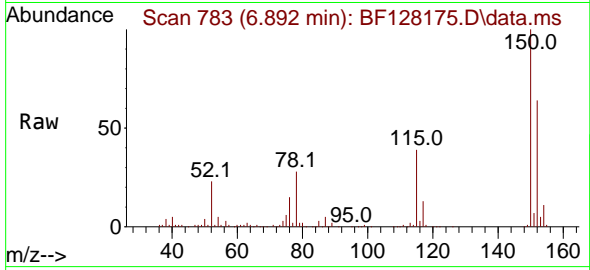
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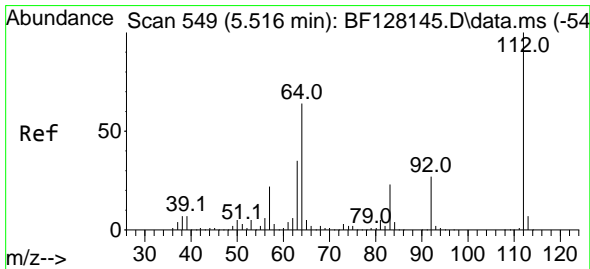
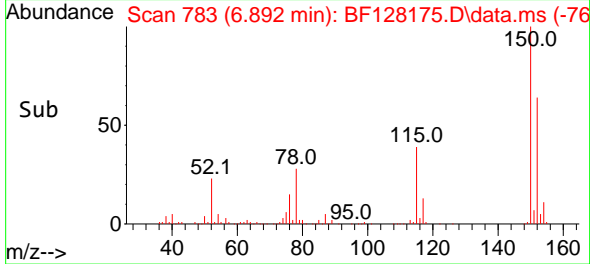
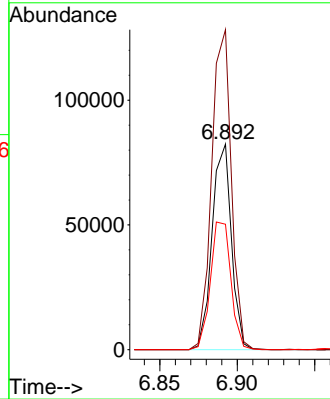


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20220509

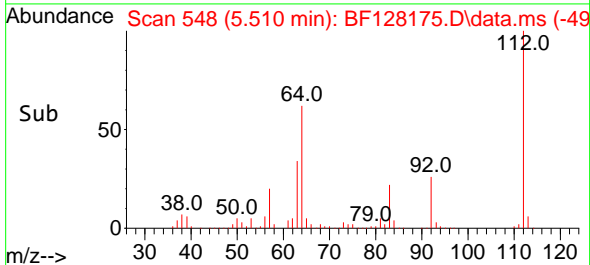
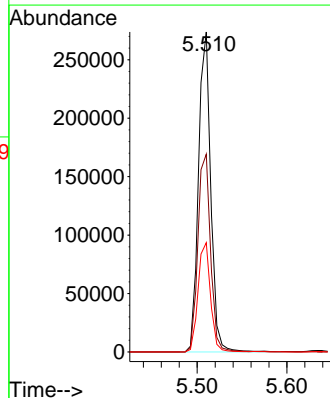
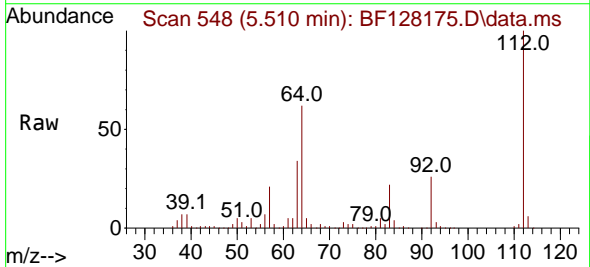


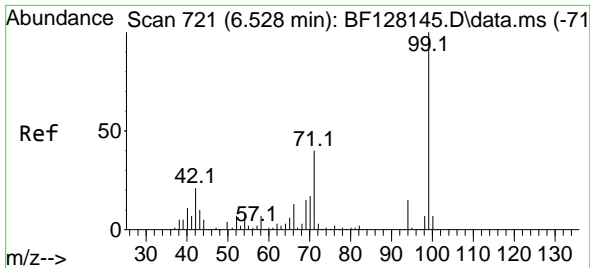
Tgt Ion:152 Resp: 71500
 Ion Ratio Lower Upper
 152 100
 150 155.6 125.3 187.9
 115 61.0 48.8 73.2



#5
 2-Fluorophenol
 Concen: 57.906 ng
 RT: 5.510 min Scan# 548
 Delta R.T. -0.006 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Tgt Ion:112 Resp: 259719
 Ion Ratio Lower Upper
 112 100
 64 61.8 49.5 74.3
 63 34.1 26.3 39.5

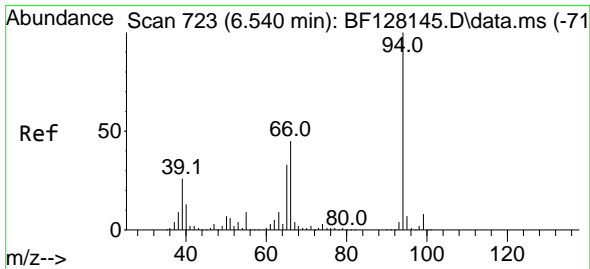
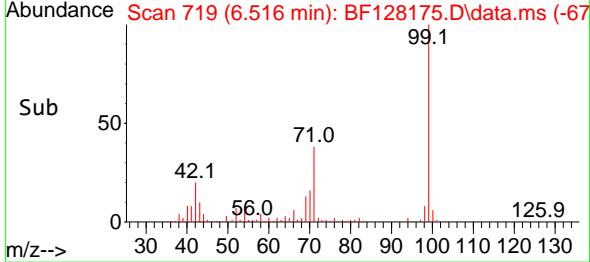
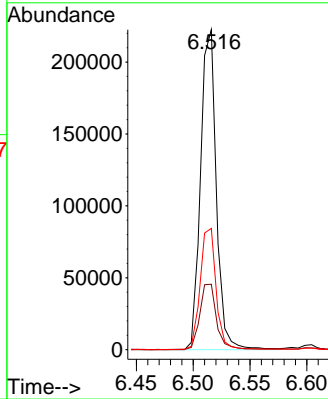
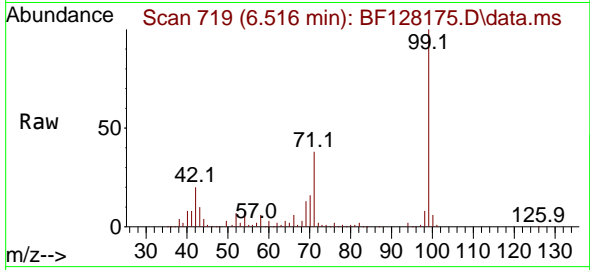




#7
 Phenol-d6
 Concen: 36.245 ng
 RT: 6.516 min Scan# 719
 Delta R.T. -0.012 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

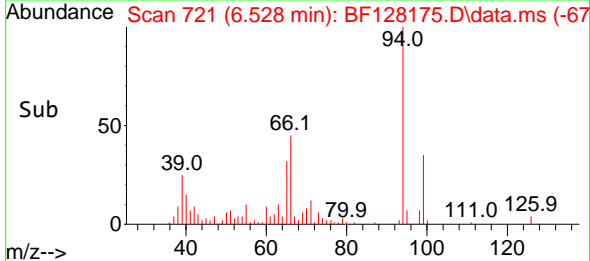
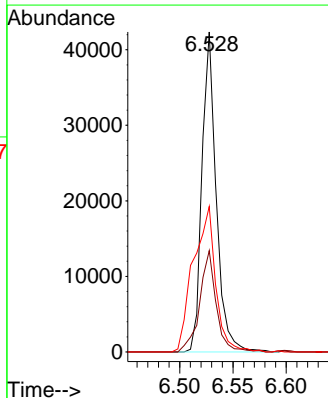
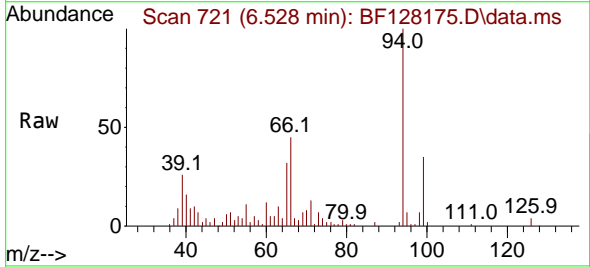
Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20220509

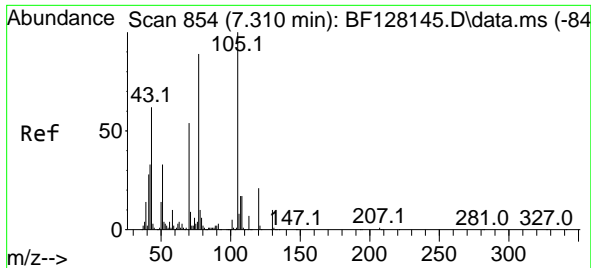
Tgt Ion: 99 Resp: 215020
 Ion Ratio Lower Upper
 99 100
 42 20.4 16.6 24.8
 71 37.9 30.0 45.0



#10
 Phenol
 Concen: 6.322 ng
 RT: 6.528 min Scan# 721
 Delta R.T. -0.012 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Tgt Ion: 94 Resp: 39548
 Ion Ratio Lower Upper
 94 100
 65 31.6 10.6 50.6
 66 45.4 22.6 62.6



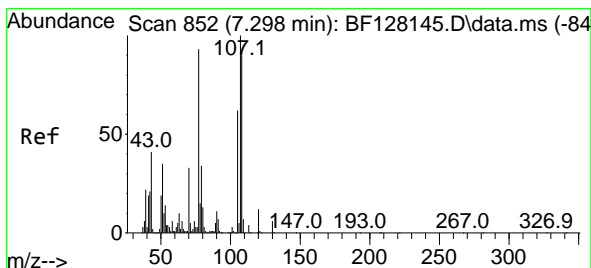
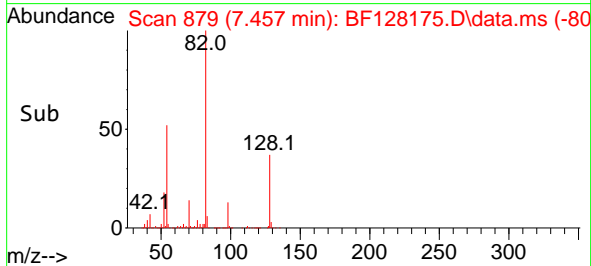
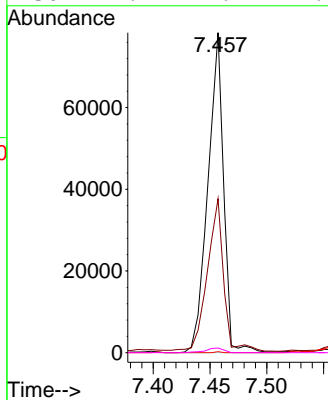
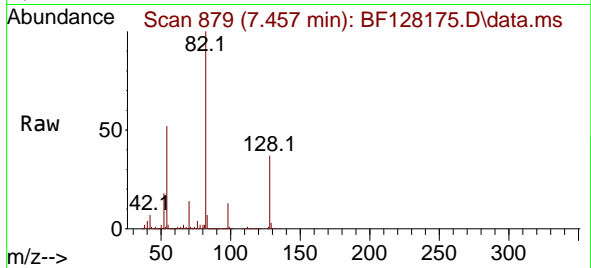


#19
 n-Nitroso-di-n-propylamine
 Concen: 20.621 ng
 RT: 7.457 min Scan# 81
 Delta R.T. 0.147 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20220509

Tgt Ion: 70 Resp: 75336

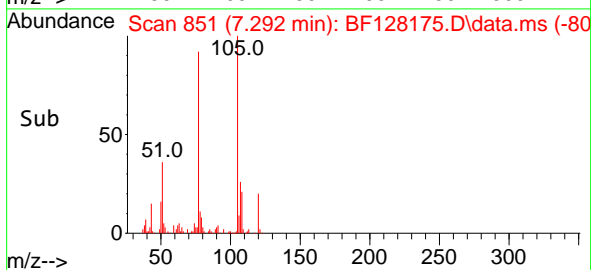
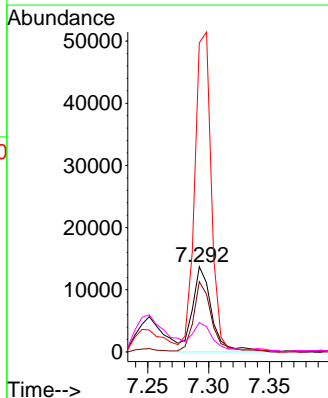
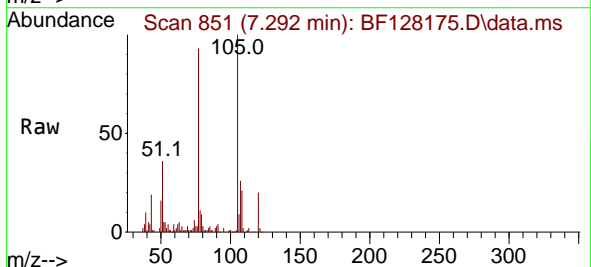
Ion	Ratio	Lower	Upper
70	100		
42	48.1	48.7	73.1#
101	0.3	7.2	10.8#
130	1.4	14.4	21.6#

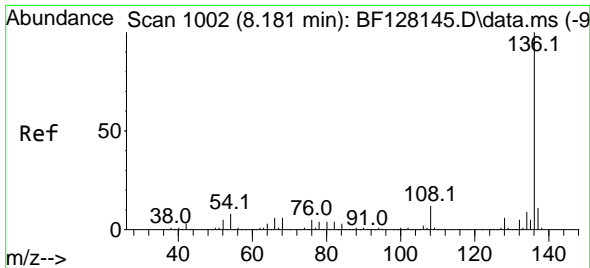


#20
 3+4-Methylphenols
 Concen: 3.183 ng
 RT: 7.292 min Scan# 851
 Delta R.T. -0.006 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Tgt Ion: 107 Resp: 15274

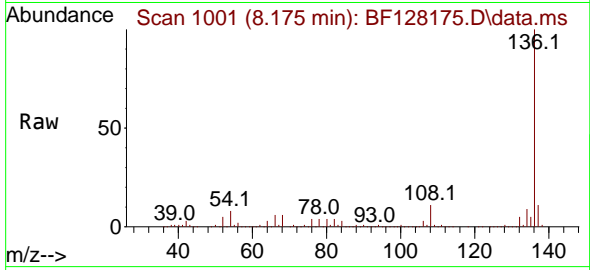
Ion	Ratio	Lower	Upper
107	100		
108	82.3	73.4	113.4
77	362.1	71.1	111.1#
79	34.5	17.1	57.1



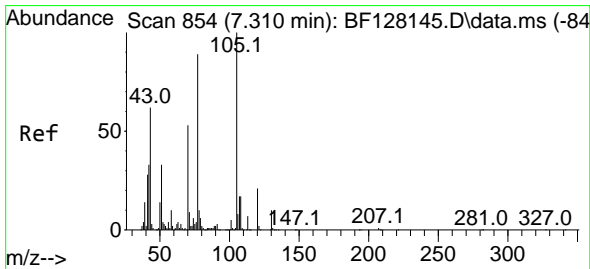
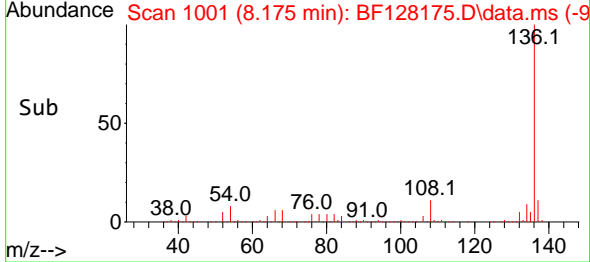
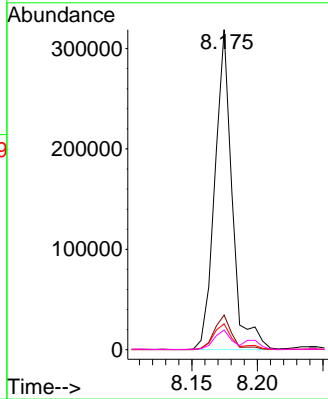


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.175 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

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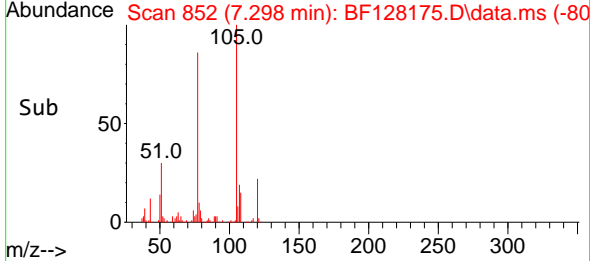
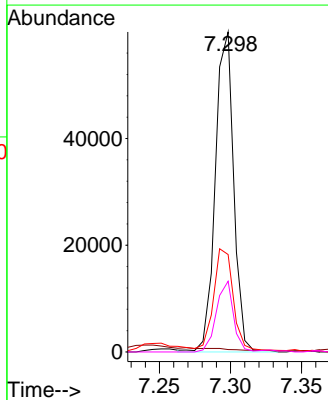
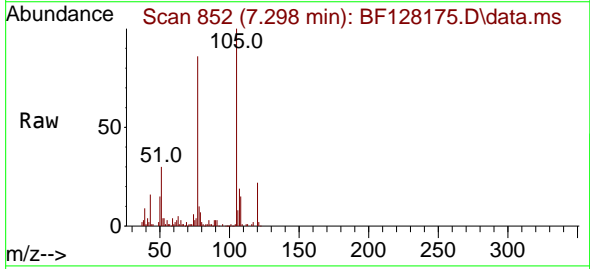


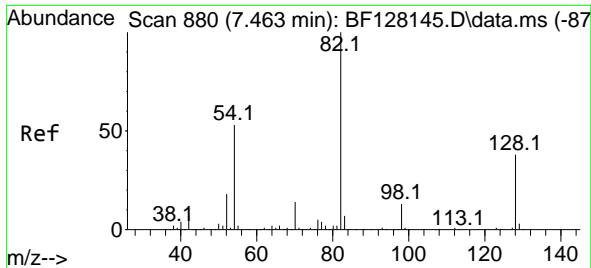
Tgt Ion:136 Resp: 290164
 Ion Ratio Lower Upper
 136 100
 137 10.8 8.6 13.0
 54 8.1 6.8 10.2
 68 6.2 5.1 7.7



#22
 Acetophenone
 Concen: 7.457 ng
 RT: 7.298 min Scan# 852
 Delta R.T. -0.012 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Tgt Ion:105 Resp: 53880
 Ion Ratio Lower Upper
 105 100
 71 0.8 7.3 10.9#
 51 30.4 23.7 35.5
 120 22.1 17.0 25.6



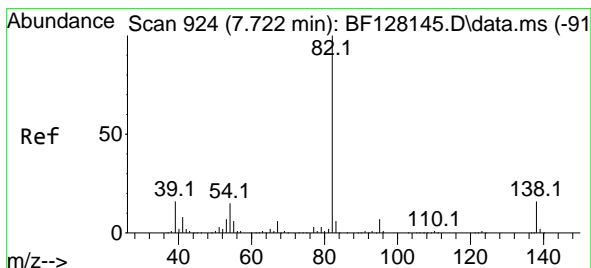
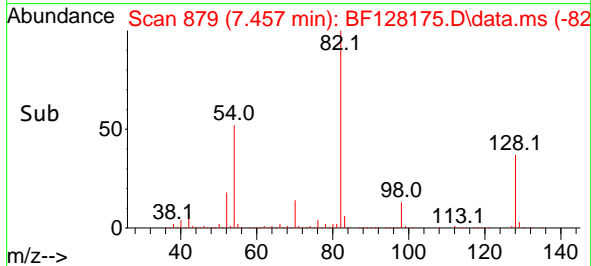
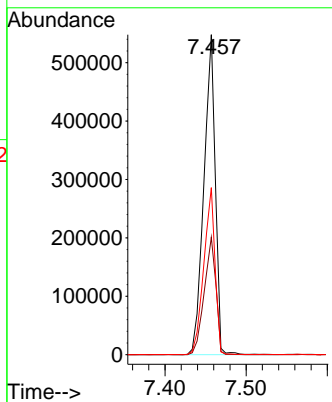
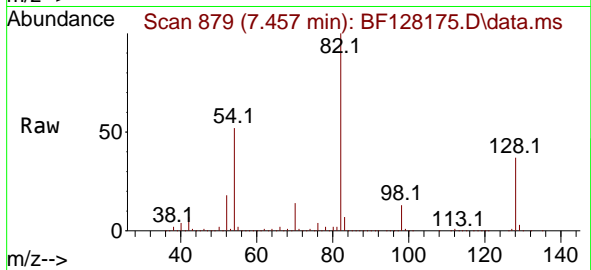


#23
 Nitrobenzene-d5
 Concen: 82.941 ng
 RT: 7.457 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20220509

Tgt Ion: 82 Resp: 534852

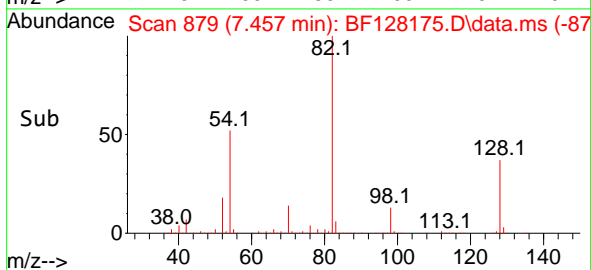
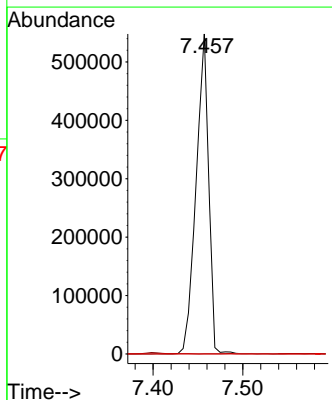
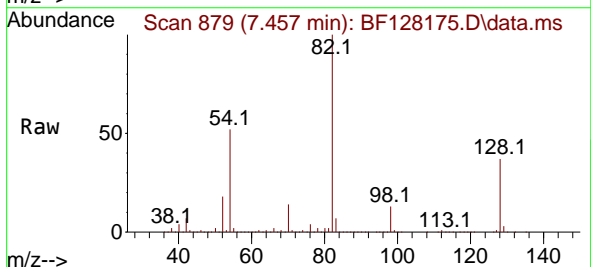
Ion	Ratio	Lower	Upper
82	100		
128	36.7	30.0	45.0
54	52.2	41.3	61.9

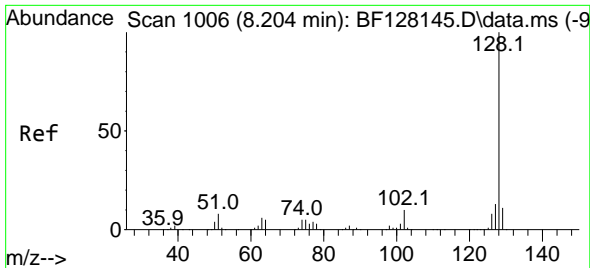


#25
 Isophorone
 Concen: 52.714 ng
 RT: 7.457 min Scan# 879
 Delta R.T. -0.265 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Tgt Ion: 82 Resp: 532935

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	12.5	18.7#



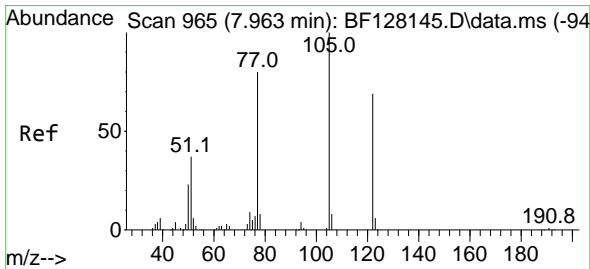
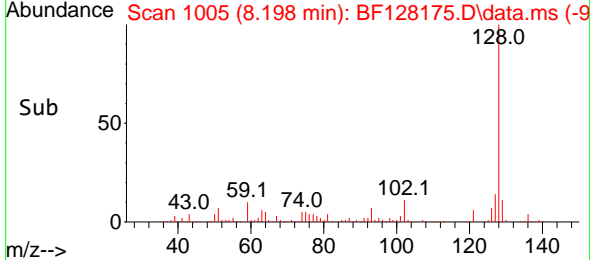
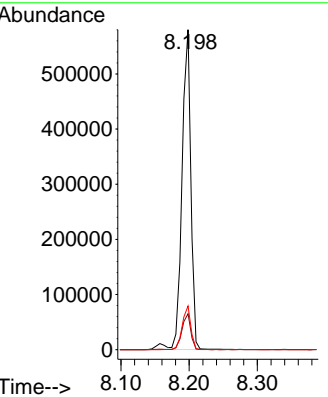
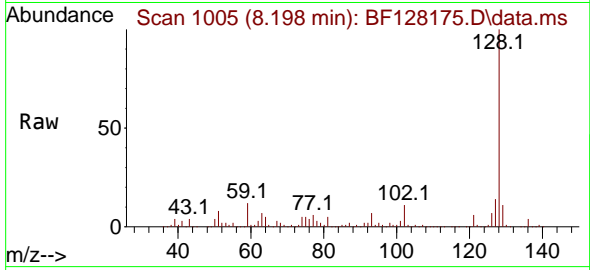


#31
 Naphthalene
 Concen: 35.602 ng
 RT: 8.198 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:128 Resp: 510192

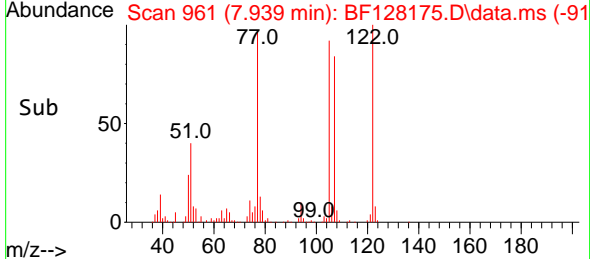
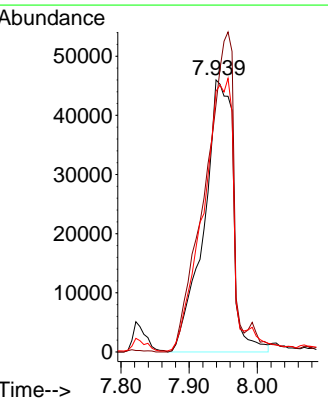
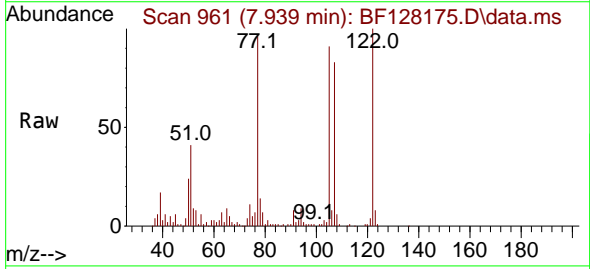
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.6	10.6	16.0

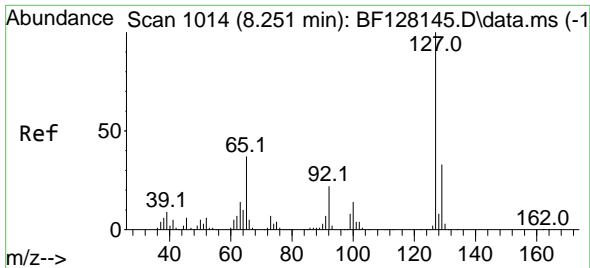


#32
 Benzoic acid
 Concen: 45.545 ng
 RT: 7.939 min Scan# 961
 Delta R.T. -0.024 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Tgt Ion:122 Resp: 137202

Ion	Ratio	Lower	Upper
122	100		
105	91.1	107.9	147.9#
77	95.9	82.5	122.5



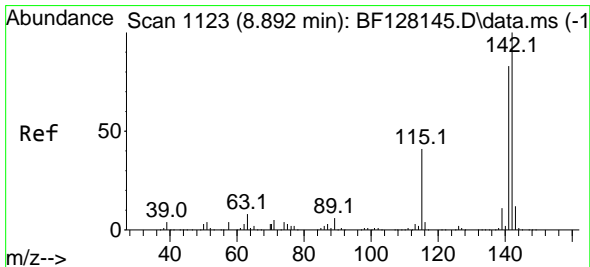
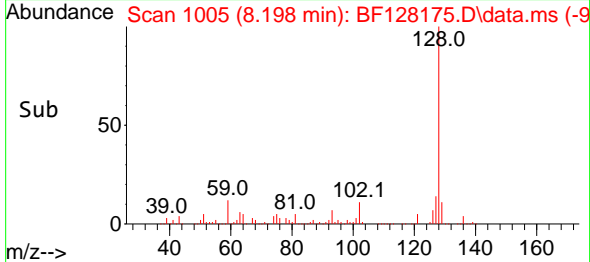
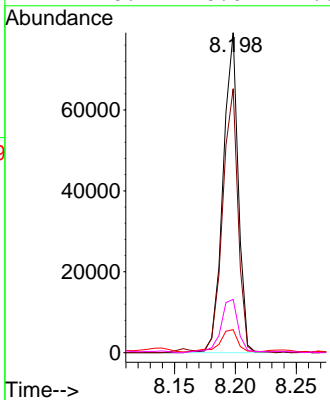
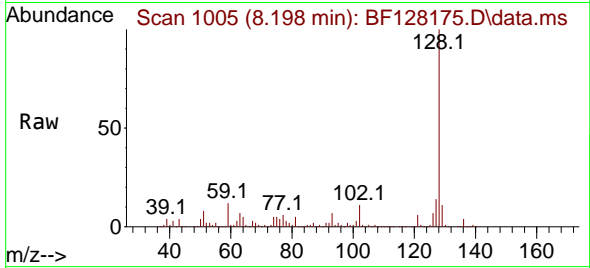


#33
 4-Chloroaniline
 Concen: 12.057 ng
 RT: 8.198 min Scan# 1014
 Delta R.T. -0.053 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Instrument : BNA_F
 ClientSampleId : MW-1-20220509

Tgt Ion:127 Resp: 68592

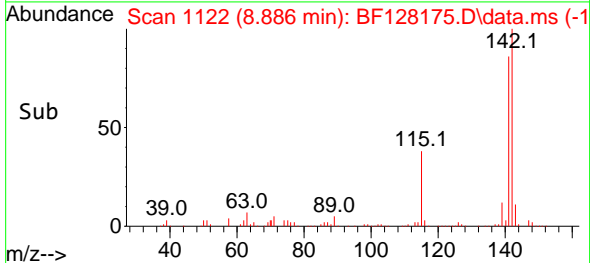
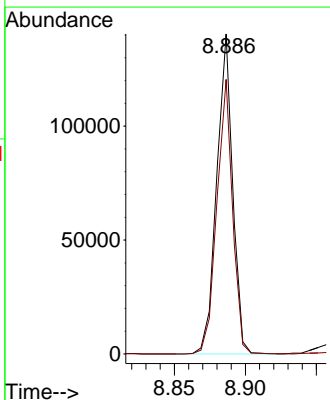
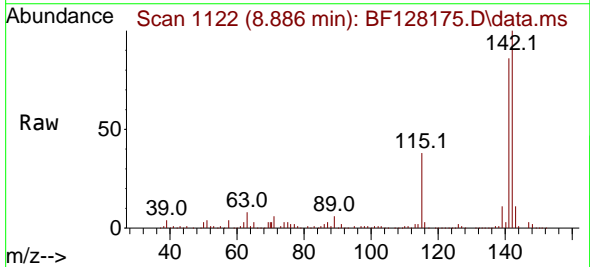
Ion	Ratio	Lower	Upper
127	100		
129	82.5	25.8	38.8#
65	7.2	26.7	40.1#
92	16.7	16.0	24.0

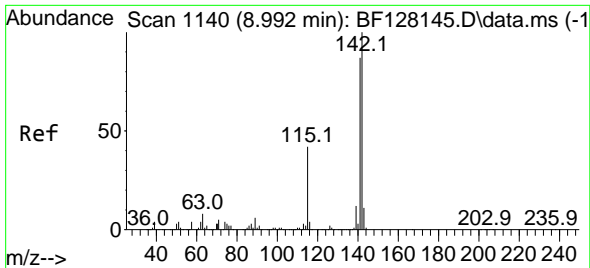


#37
 2-Methylnaphthalene
 Concen: 11.319 ng
 RT: 8.886 min Scan# 1122
 Delta R.T. -0.006 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Tgt Ion:142 Resp: 109359

Ion	Ratio	Lower	Upper
142	100		
141	85.8	67.4	101.2

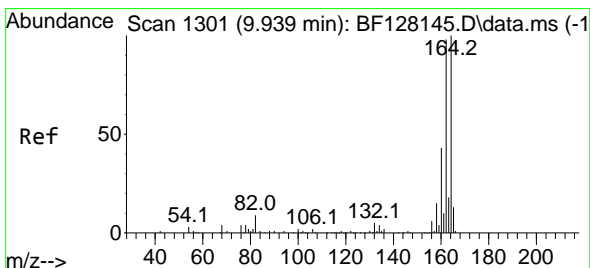
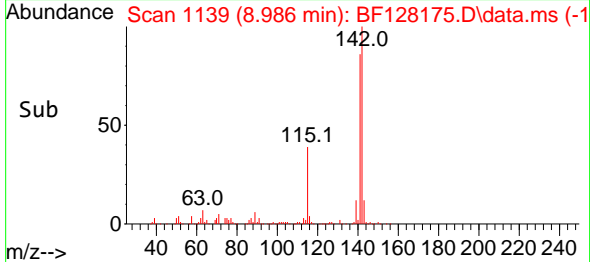
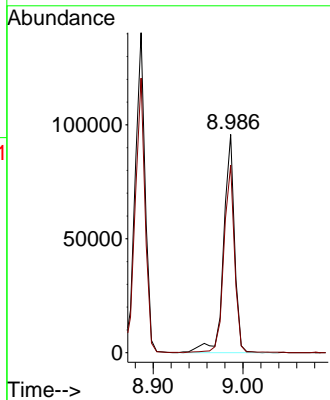
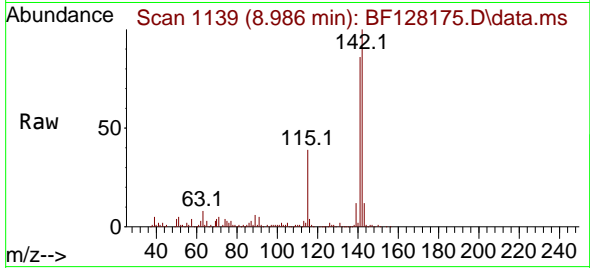




#38
 1-Methylnaphthalene
 Concen: 8.687 ng
 RT: 8.986 min Scan# 1140
 Delta R.T. -0.006 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

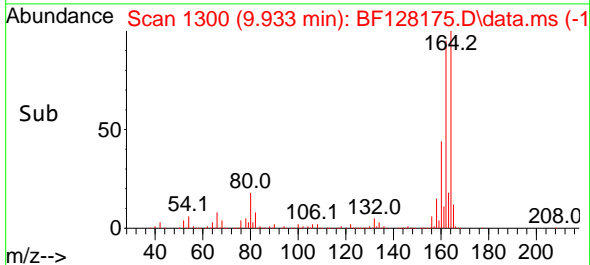
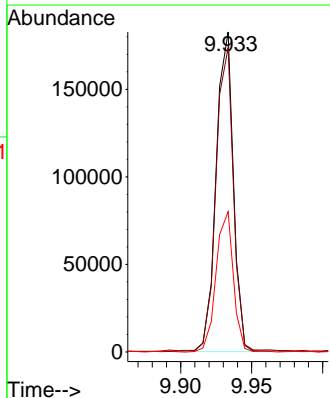
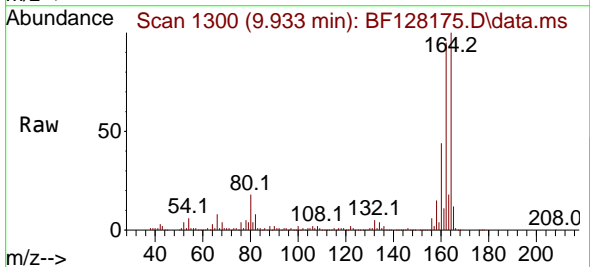
Instrument : BNA_F
 ClientSampleId : MW-1-20220509

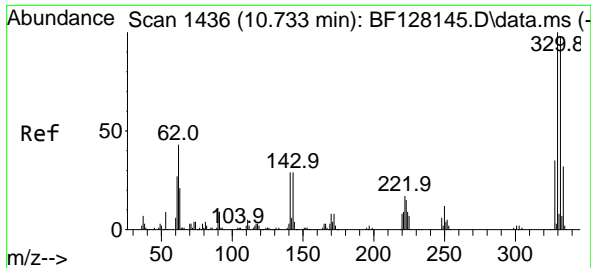
Tgt Ion:142 Resp: 80613
 Ion Ratio Lower Upper
 142 100
 141 85.9 70.1 105.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.933 min Scan# 1300
 Delta R.T. -0.006 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

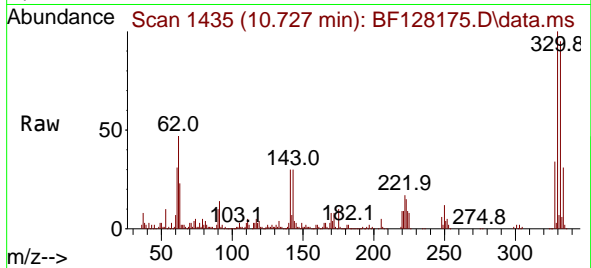
Tgt Ion:164 Resp: 153709
 Ion Ratio Lower Upper
 164 100
 162 95.1 76.0 114.0
 160 43.9 34.8 52.2



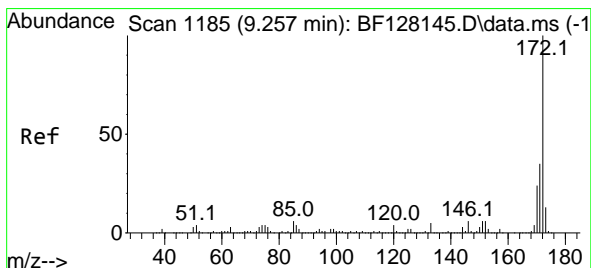
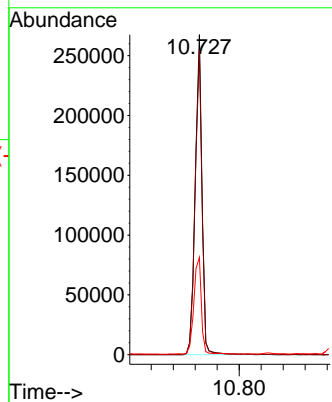
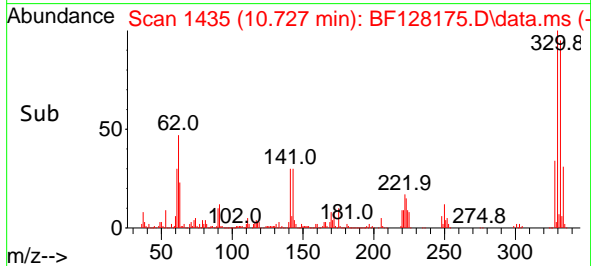


#42
 2,4,6-Tribromophenol
 Concen: 129.679 ng
 RT: 10.727 min Scan# 1435
 Delta R.T. -0.006 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

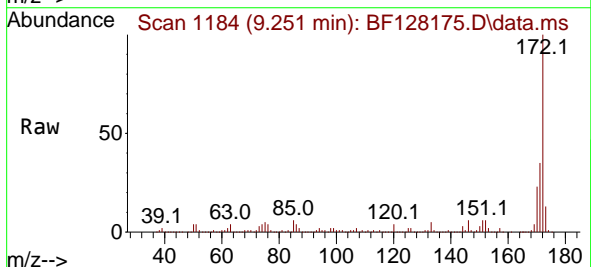
Instrument : BNA_F
 ClientSampleId : MW-1-20220509



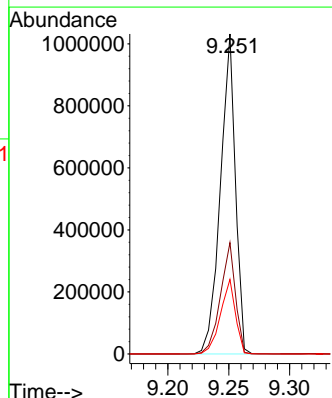
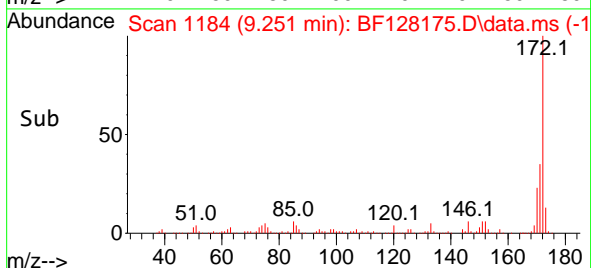
Tgt Ion:330 Resp: 228605
 Ion Ratio Lower Upper
 330 100
 332 95.4 79.0 118.4
 141 33.2 28.9 43.3

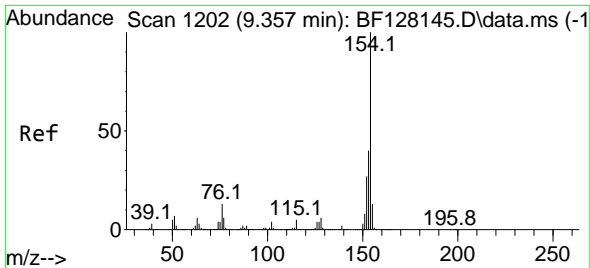


#45
 2-Fluorobiphenyl
 Concen: 90.508 ng
 RT: 9.251 min Scan# 1184
 Delta R.T. -0.006 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25



Tgt Ion:172 Resp: 889116
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 42.8
 170 23.3 19.1 28.7

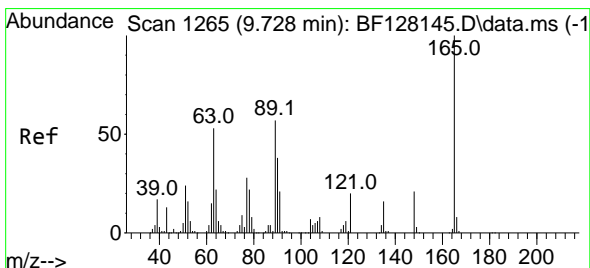
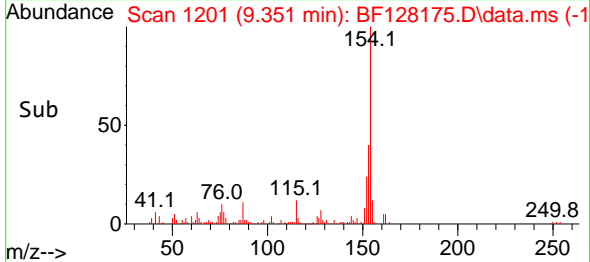
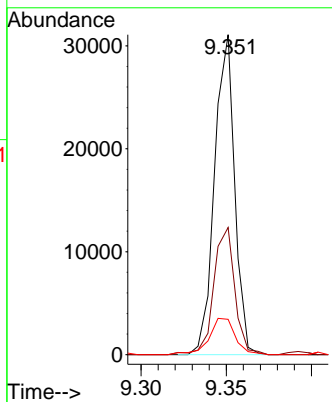
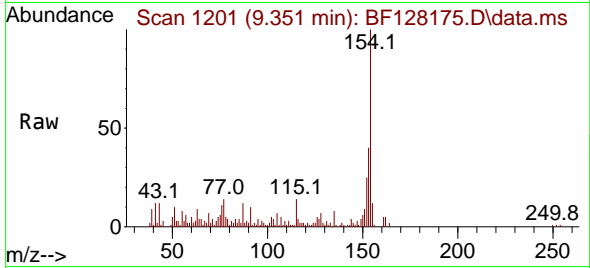




#46
 1,1'-Biphenyl
 Concen: 2.280 ng
 RT: 9.351 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

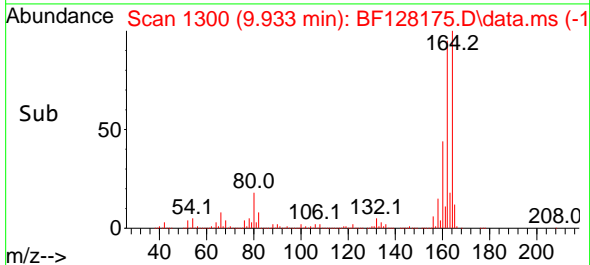
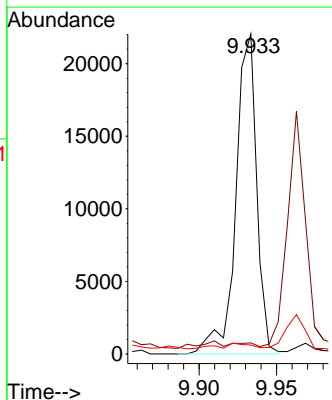
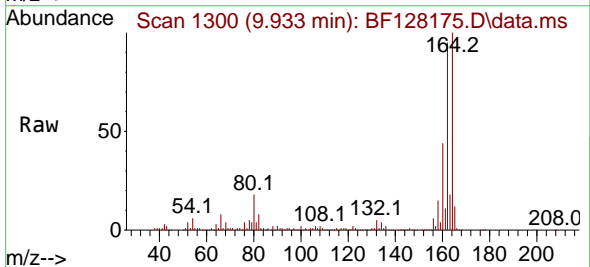
Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20220509

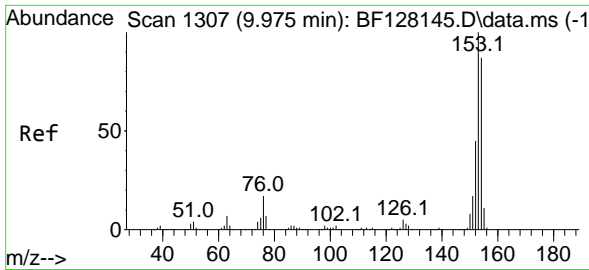
Tgt Ion	Resp	Lower	Upper
154	100		
153	39.8	20.4	60.4
76	11.0	0.0	33.2



#51
 2,6-Dinitrotoluene
 Concen: 9.474 ng
 RT: 9.933 min Scan# 1300
 Delta R.T. 0.206 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

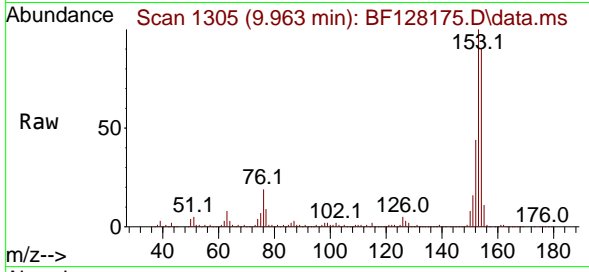
Tgt Ion	Resp	Lower	Upper
165	100		
63	3.4	49.5	74.3#
89	2.8	49.0	73.4#



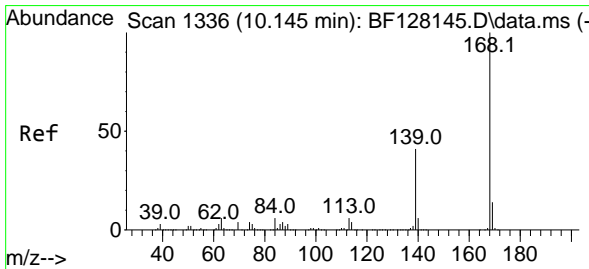
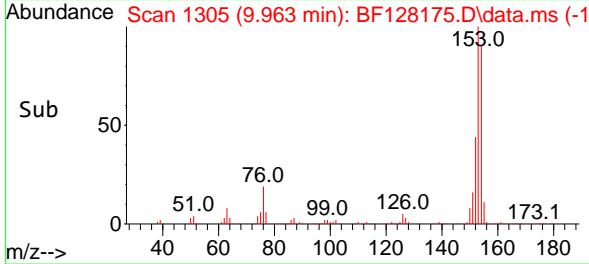
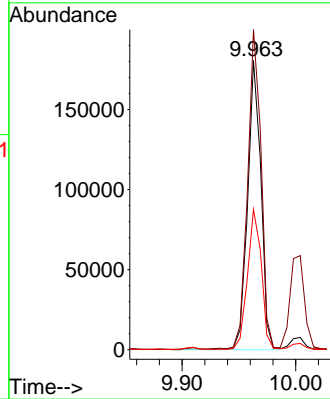


#52
 Acenaphthene
 Concen: 16.818 ng
 RT: 9.963 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20220509

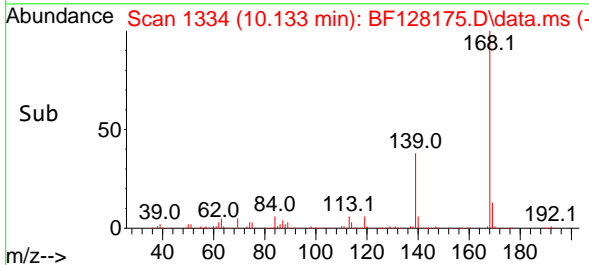
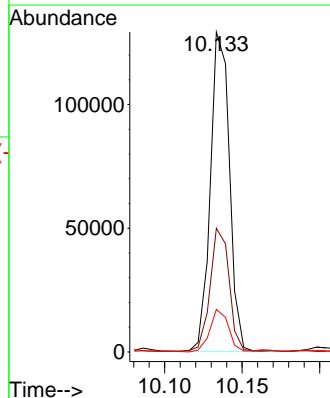
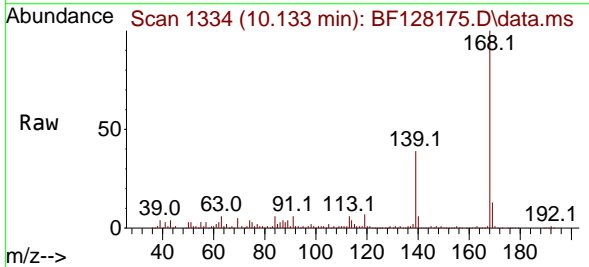


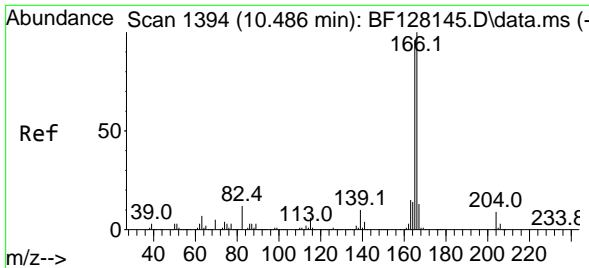
Tgt Ion:154 Resp: 146282
 Ion Ratio Lower Upper
 154 100
 153 110.7 90.5 135.7
 152 48.5 41.0 61.6



#55
 Dibenzofuran
 Concen: 8.941 ng
 RT: 10.133 min Scan# 1334
 Delta R.T. -0.012 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Tgt Ion:168 Resp: 110422
 Ion Ratio Lower Upper
 168 100
 139 38.7 31.7 47.5
 169 13.3 10.9 16.3

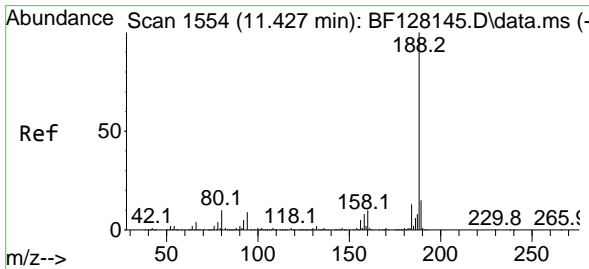
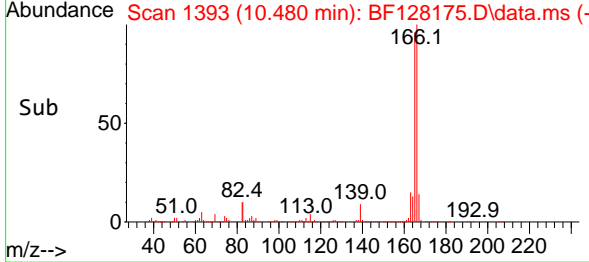
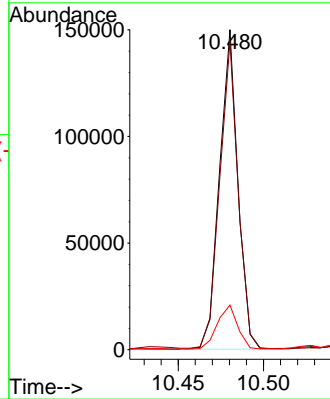
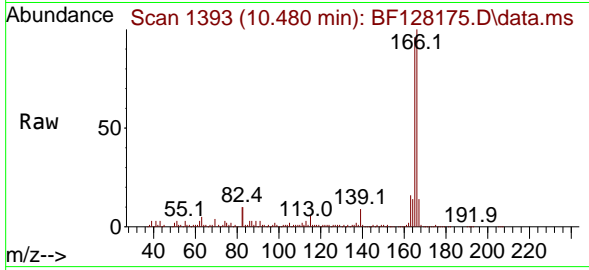




#58
 Fluorene
 Concen: 11.737 ng
 RT: 10.480 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

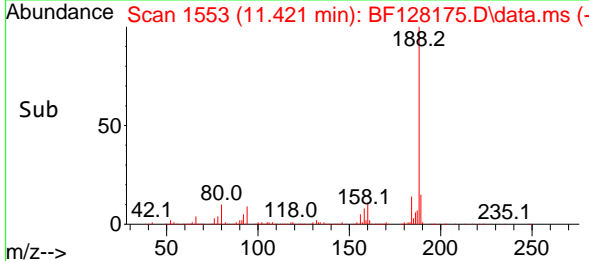
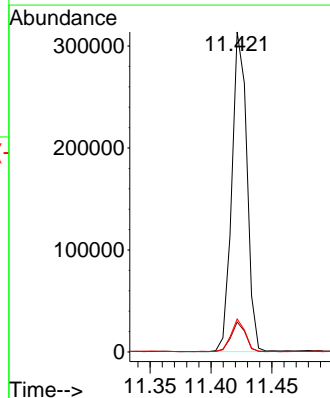
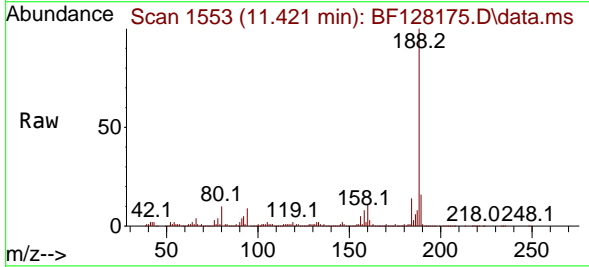
Instrument : BNA_F
 ClientSampleId : MW-1-20220509

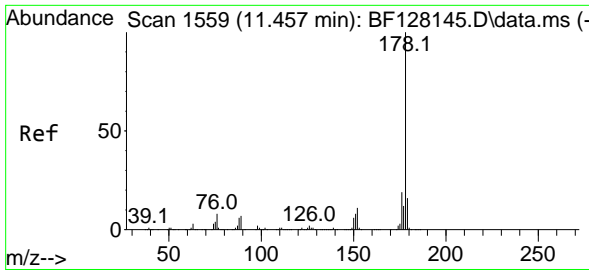
Tgt Ion	Resp	Lower	Upper
166	112896		
165	96.3	78.6	117.8
167	14.0	10.5	15.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.421 min Scan# 1553
 Delta R.T. -0.006 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Tgt Ion	Resp	Lower	Upper
188	269669		
94	9.4	8.0	12.0
80	10.3	8.9	13.3



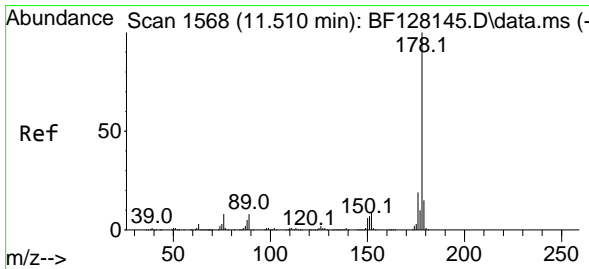
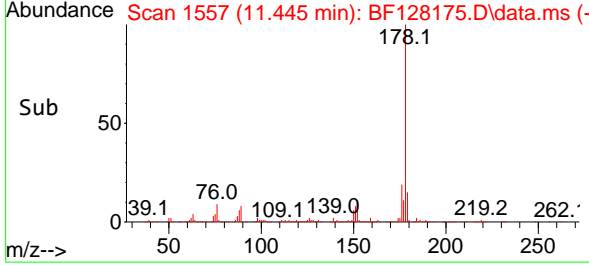
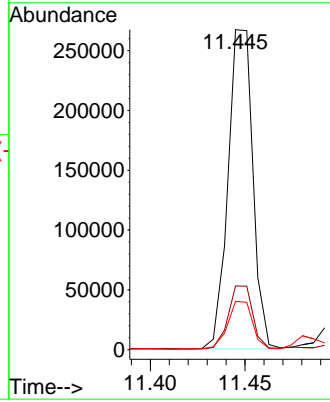
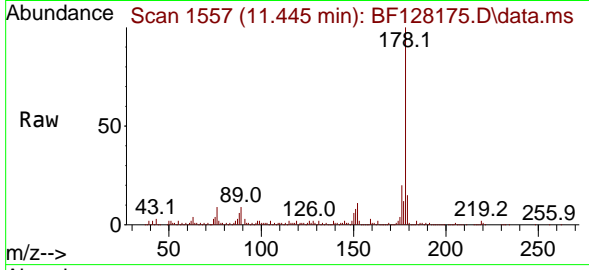


#71
 Phenanthrene
 Concen: 18.182 ng
 RT: 11.445 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20220509

Tgt Ion:178 Resp: 244150

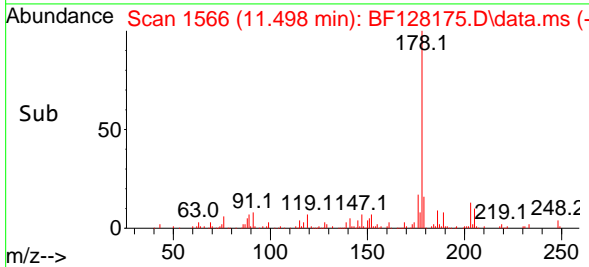
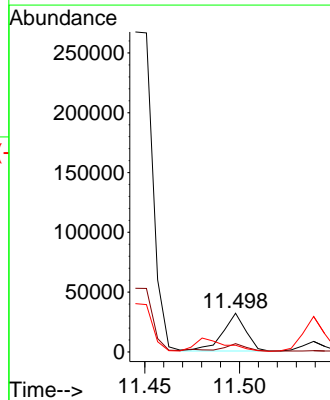
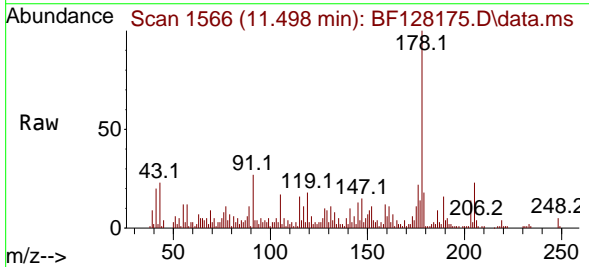
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.1	12.6	19.0

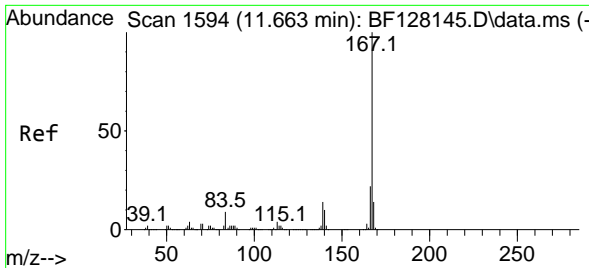


#72
 Anthracene
 Concen: 2.016 ng
 RT: 11.498 min Scan# 1566
 Delta R.T. -0.012 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Tgt Ion:178 Resp: 27028

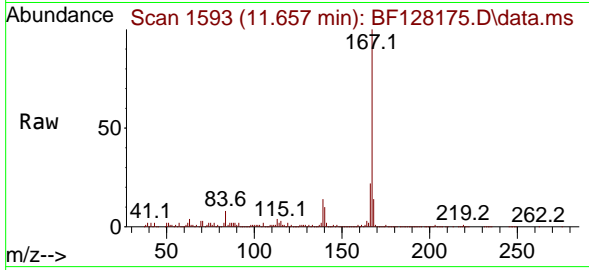
Ion	Ratio	Lower	Upper
178	100		
176	21.7	15.0	22.6
179	17.6	12.4	18.6



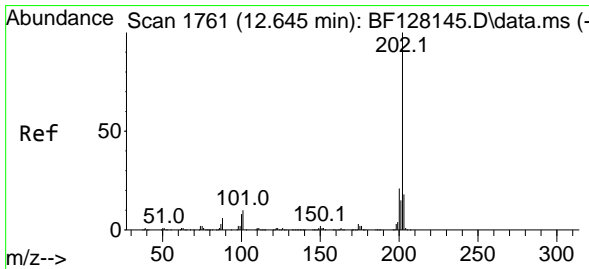
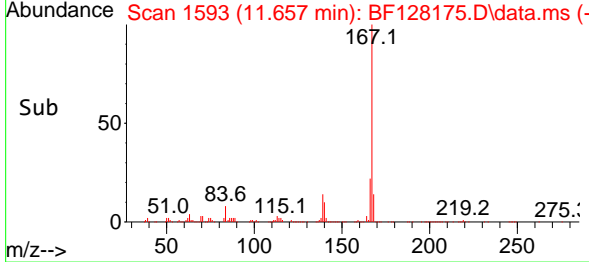
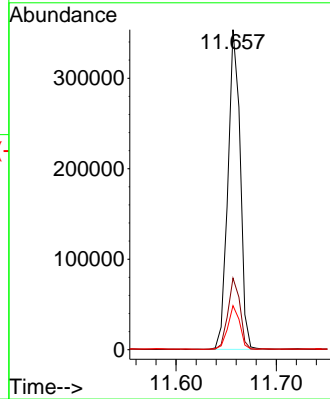


#73
 Carbazole
 Concen: 23.554 ng
 RT: 11.657 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20220509

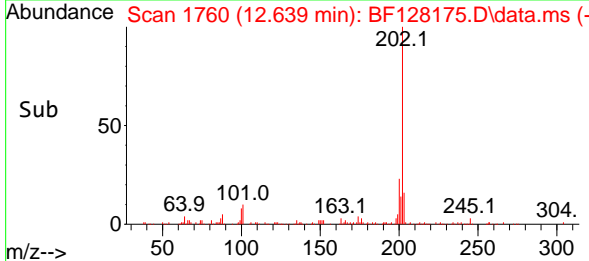
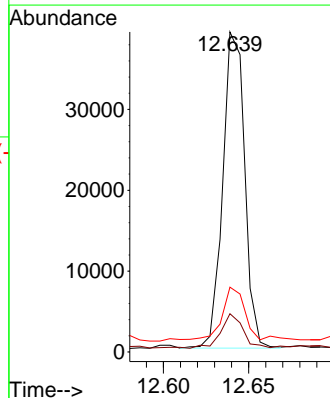
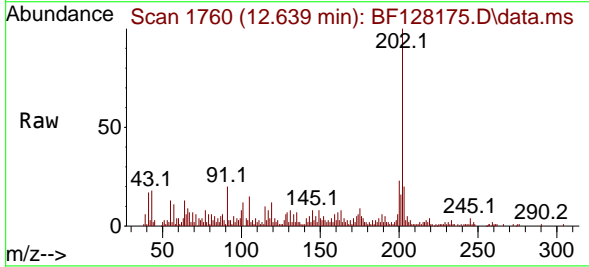


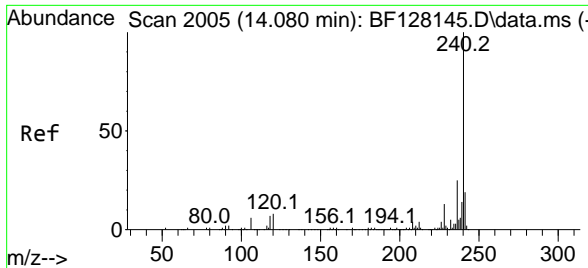
Tgt Ion:167 Resp: 300279
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.8 10.7 16.1



#75
 Fluoranthene
 Concen: 2.405 ng
 RT: 12.639 min Scan# 1760
 Delta R.T. -0.006 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Tgt Ion:202 Resp: 35009
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 31.6
 203 20.2 0.0 38.1



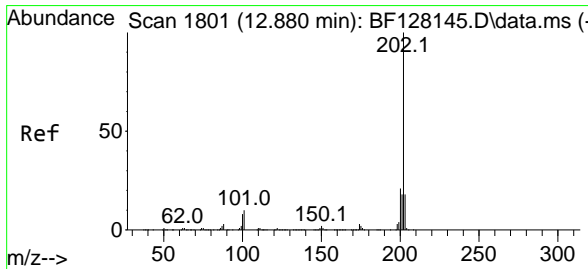
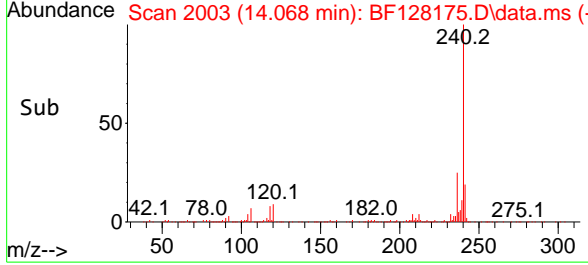
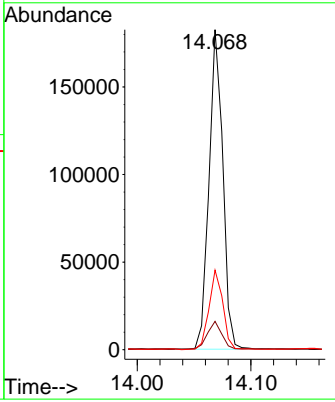
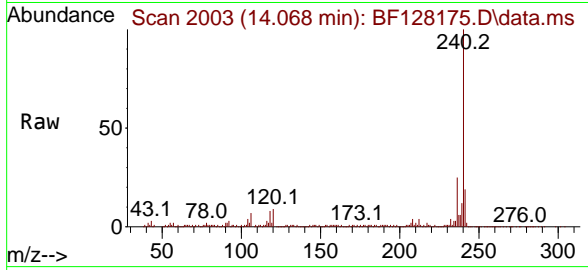


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.068 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Instrument : BNA_F
 ClientSampleId : MW-1-20220509

Tgt Ion:240 Resp: 153982

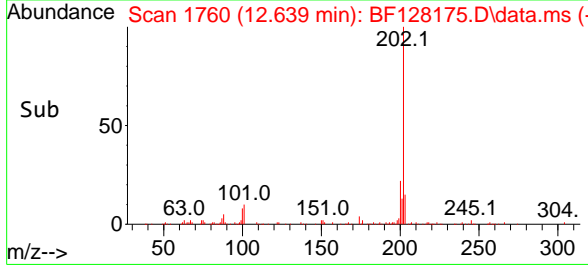
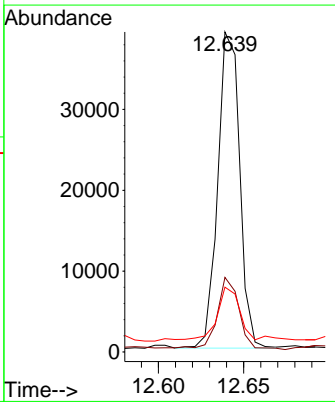
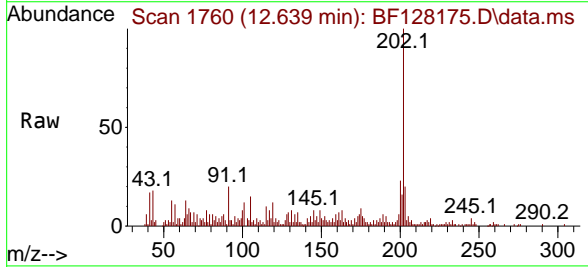
Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	24.9	20.3	30.5

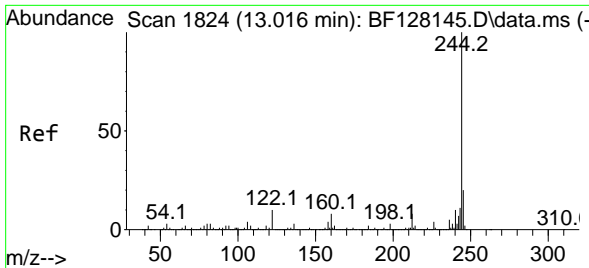


#78
 Pyrene
 Concen: 3.136 ng
 RT: 12.639 min Scan# 1760
 Delta R.T. -0.241 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Tgt Ion:202 Resp: 35009

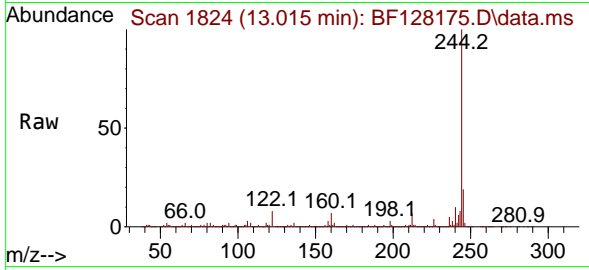
Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.4	26.2
203	20.2	14.0	21.0



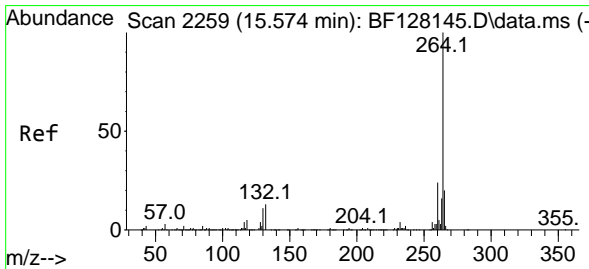
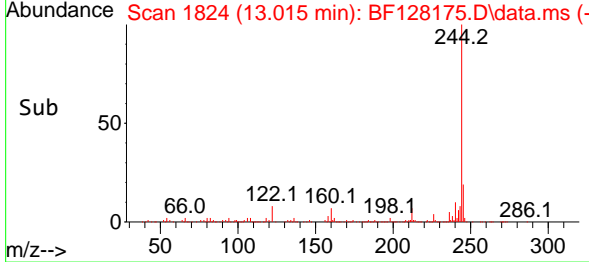
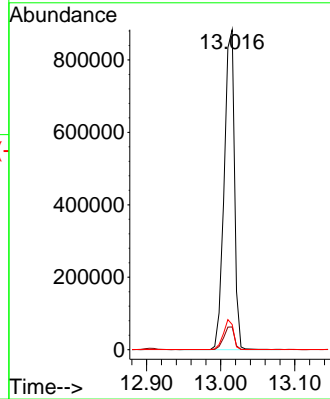


#79
 Terphenyl-d14
 Concen: 103.689 ng
 RT: 13.015 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

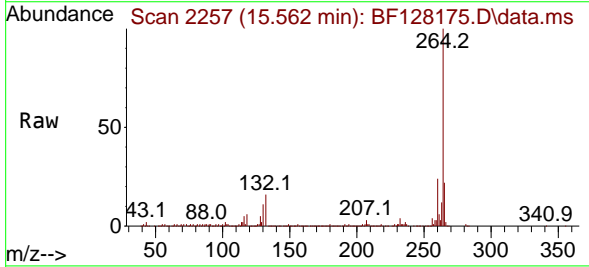
Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20220509



Tgt Ion:244 Resp: 850892
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 7.8 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2257
 Delta R.T. -0.012 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25



Tgt Ion:264 Resp: 157109
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.1 30.1
 265 21.8 17.5 26.3

