

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
 Data File : BF127129.D
 Acq On : 01 Mar 2022 21:25
 Operator : CG\JU
 Sample : N1688-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-29

Quant Time: Mar 02 00:02:15 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)

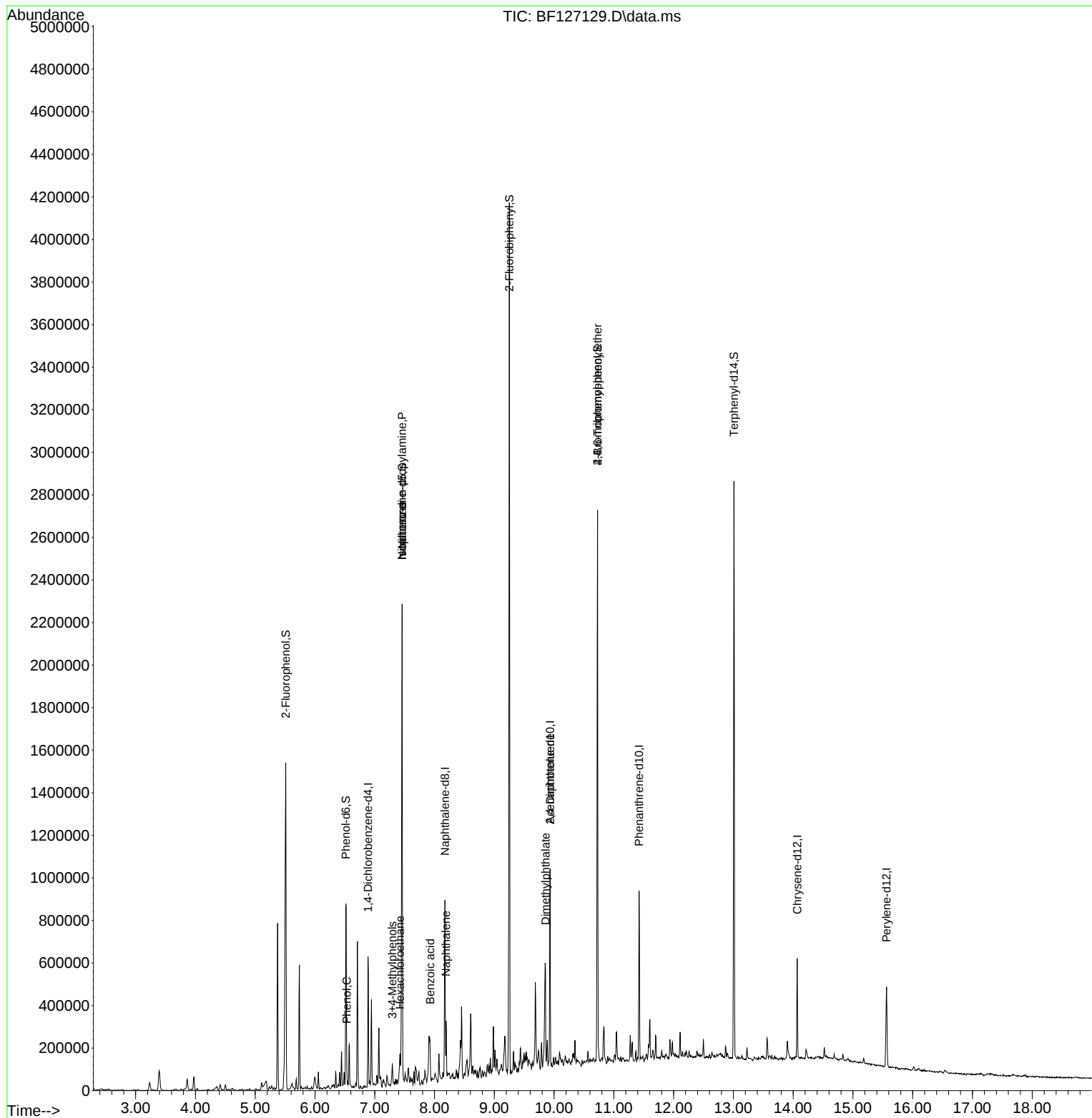
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	81464	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	325847	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	161055	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	264053	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	135920	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	156083	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	339518	64.415	ng	0.00
7) Phenol-d6	6.516	99	278606	39.173	ng	0.00
23) Nitrobenzene-d5	7.457	82	665051	92.125	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	285602	154.019	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1069620	97.771	ng	0.00
79) Terphenyl-d14	13.010	244	895247	96.825	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.534	94	18472	2.570	ng	88
18) Hexachloroethane	7.422	117	5460	2.303	ng	# 1
19) n-Nitroso-di-n-propyla...	7.457	70	93184	20.333	ng	# 81
20) 3+4-Methylphenols	7.292	107	14189	2.233	ng	# 86
25) Isophorone	7.457	82	662553	55.464	ng	# 69
31) Naphthalene	8.192	128	103621	6.092	ng	99
32) Benzoic acid	7.928	122	50899	15.046	ng	93
50) Dimethylphthalate	9.857	163	168522	14.639	ng	# 95
57) 2,4-Dinitrotoluene	9.933	165	21012	6.635	ng	# 17
67) 4-Bromophenyl-phenylether	10.727	248	17547	5.948	ng	# 1

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

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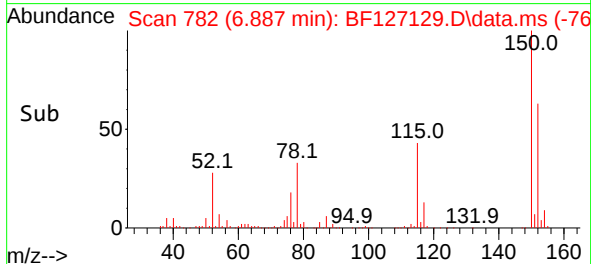
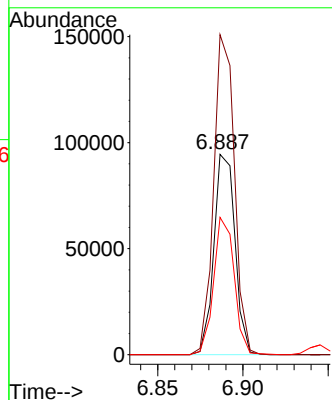
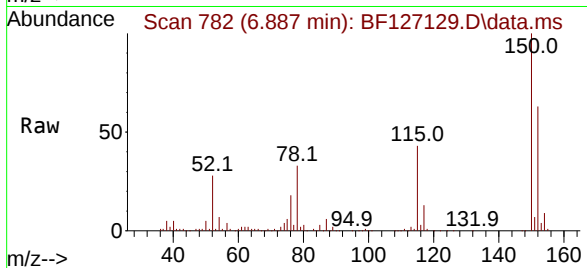




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127129.D
Acq: 01 Mar 2022 21:25

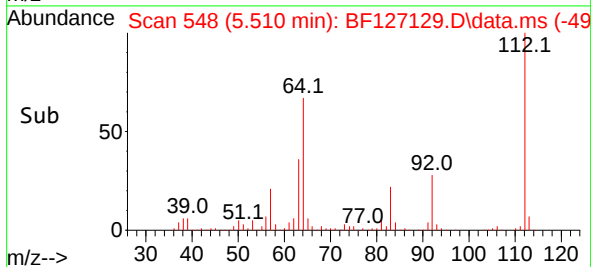
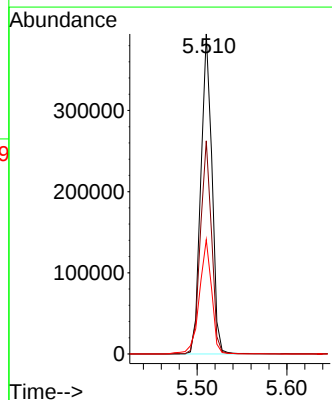
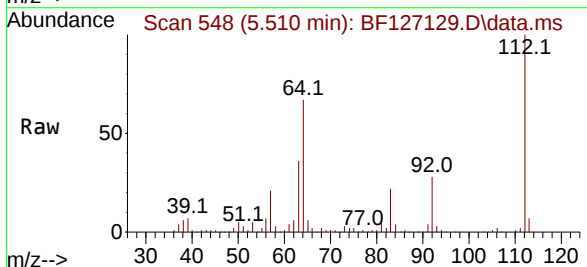
Instrument :
BNA_F
ClientSampleId :
MW-29

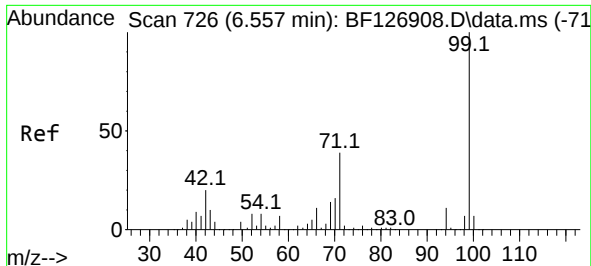
Tgt Ion:152 Resp: 81464
Ion Ratio Lower Upper
152 100
150 159.7 128.1 192.1
115 68.5 56.7 85.1



#5
2-Fluorophenol
Concen: 64.415 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF127129.D
Acq: 01 Mar 2022 21:25

Tgt Ion:112 Resp: 339518
Ion Ratio Lower Upper
112 100
64 66.6 49.5 74.3
63 35.7 23.9 35.9





#7

Phenol-d6

Concen: 39.173 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127129.D

Acq: 01 Mar 2022 21:25

Instrument :

BNA_F

ClientSampleId :

MW-29

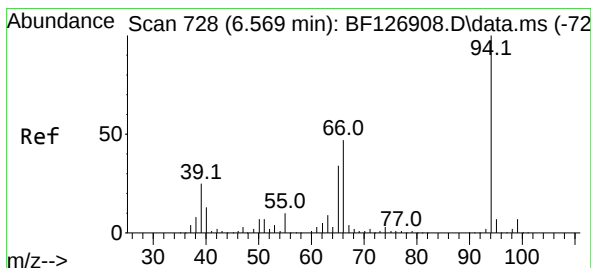
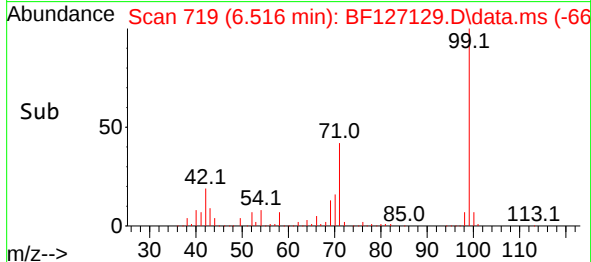
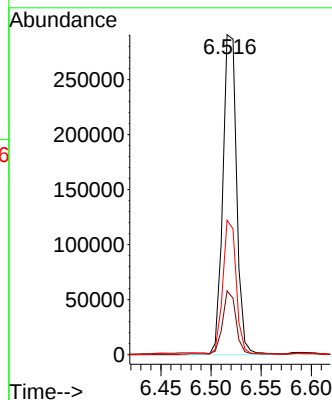
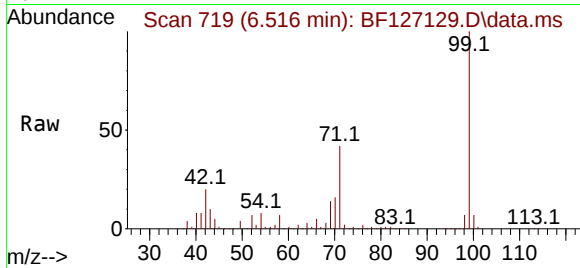
Tgt Ion: 99 Resp: 278606

Ion Ratio Lower Upper

99 100

42 20.0 14.2 21.4

71 42.0 24.3 36.5#



#10

Phenol

Concen: 2.570 ng

RT: 6.534 min Scan# 722

Delta R.T. -0.006 min

Lab File: BF127129.D

Acq: 01 Mar 2022 21:25

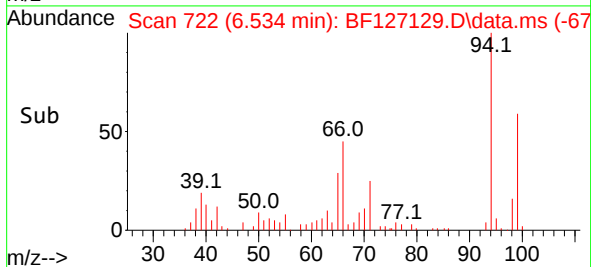
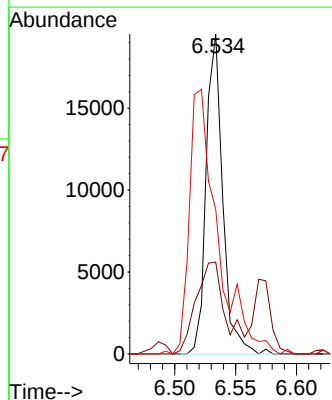
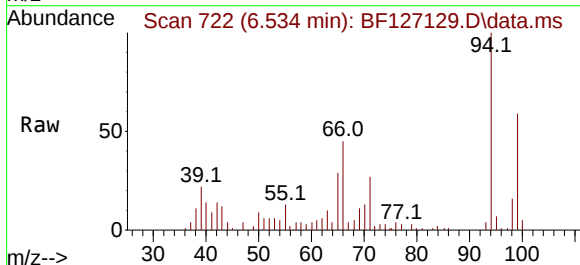
Tgt Ion: 94 Resp: 18472

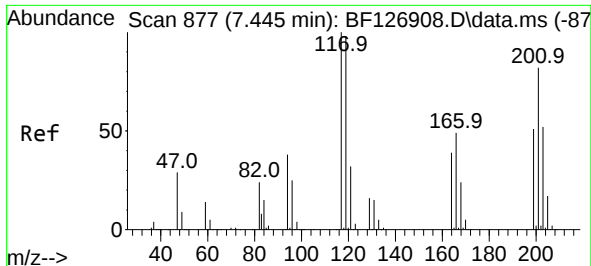
Ion Ratio Lower Upper

94 100

65 28.7 7.2 47.2

66 45.3 14.5 54.5

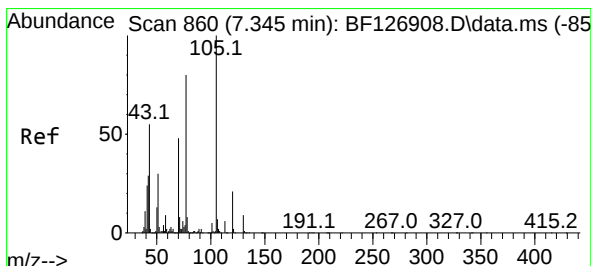
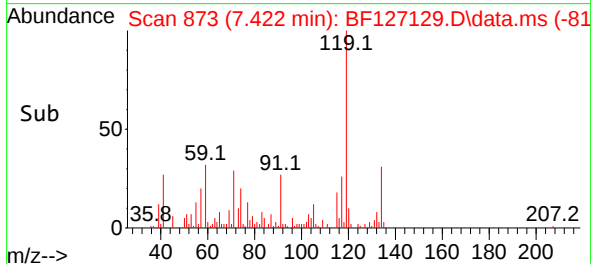
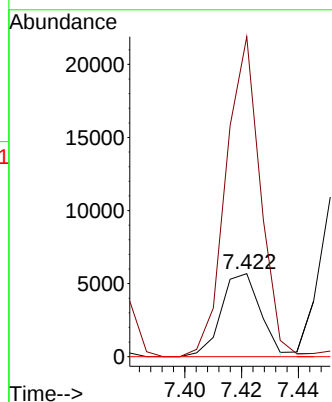
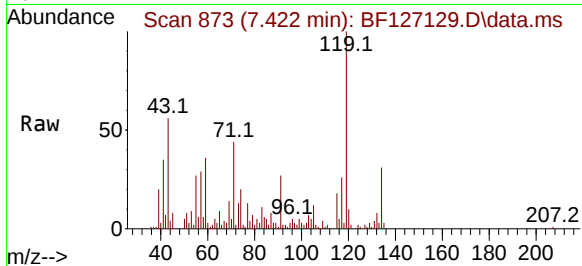




#18
Hexachloroethane
Concen: 2.303 ng
RT: 7.422 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF127129.D
Acq: 01 Mar 2022 21:25

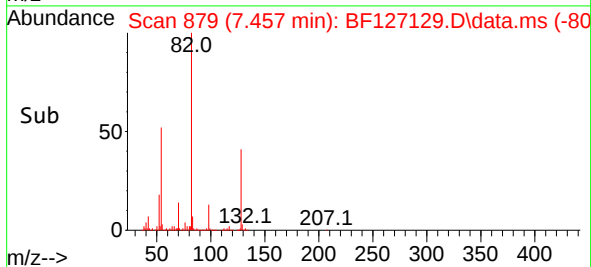
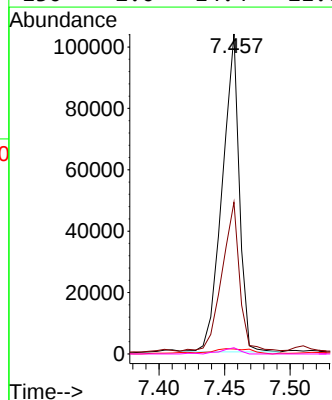
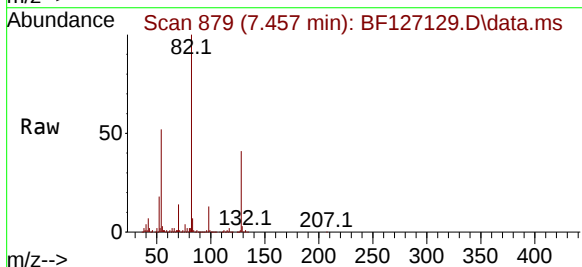
Instrument :
BNA_F
ClientSampleId :
MW-29

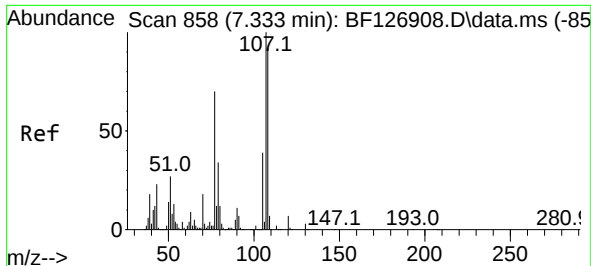
Tgt Ion:117 Resp: 5460
Ion Ratio Lower Upper
117 100
119 385.2 75.4 113.0#
201 0.0 56.8 85.2#



#19
n-Nitroso-di-n-propylamine
Concen: 20.333 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.153 min
Lab File: BF127129.D
Acq: 01 Mar 2022 21:25

Tgt Ion: 70 Resp: 93184
Ion Ratio Lower Upper
70 100
42 47.4 45.8 68.8
101 1.5 6.9 10.3#
130 2.0 14.4 21.6#





#20

3+4-Methylphenols

Concen: 2.233 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127129.D

Acq: 01 Mar 2022 21:25

Instrument :

BNA_F

ClientSampleId :

MW-29

Tgt Ion:107 Resp: 14189

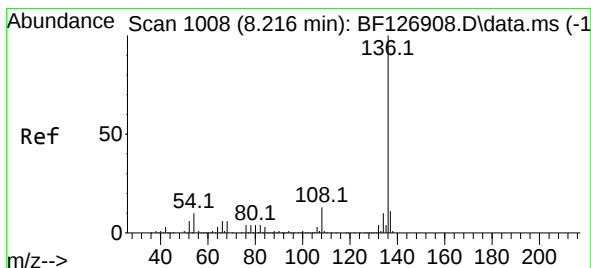
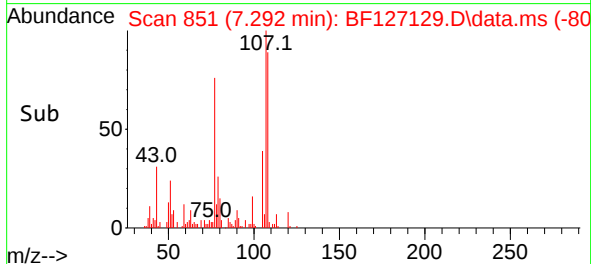
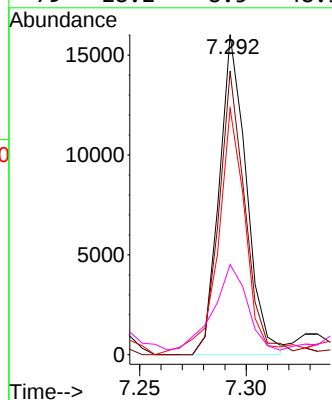
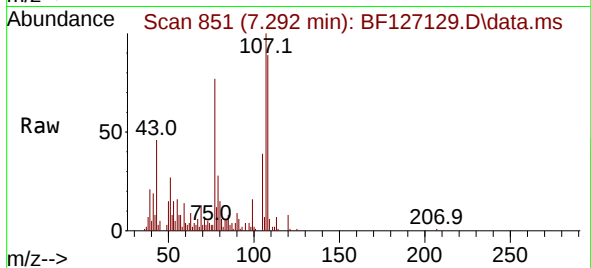
Ion Ratio Lower Upper

107 100

108 88.6 72.4 112.4

77 76.9 83.8 123.8#

79 28.2 8.5 48.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1001

Delta R.T. -0.000 min

Lab File: BF127129.D

Acq: 01 Mar 2022 21:25

Tgt Ion:136 Resp: 325847

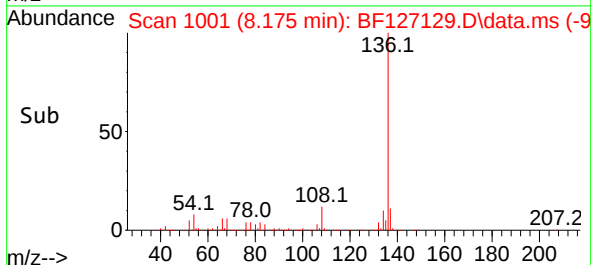
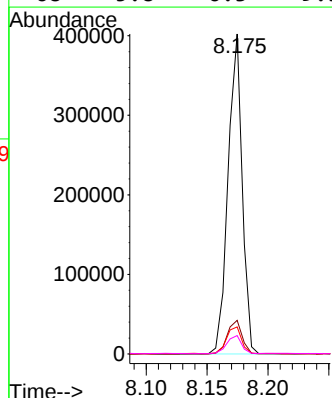
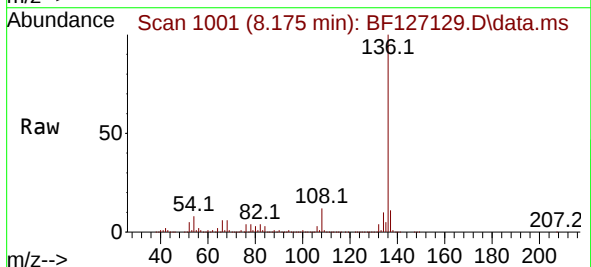
Ion Ratio Lower Upper

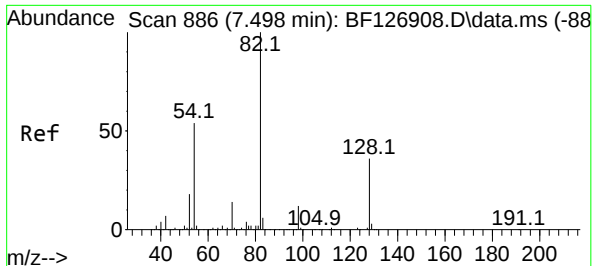
136 100

137 10.5 8.6 13.0

54 8.5 7.8 11.6

68 5.8 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 92.125 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127129.D

Acq: 01 Mar 2022 21:25

Instrument :

BNA_F

ClientSampleId :

MW-29

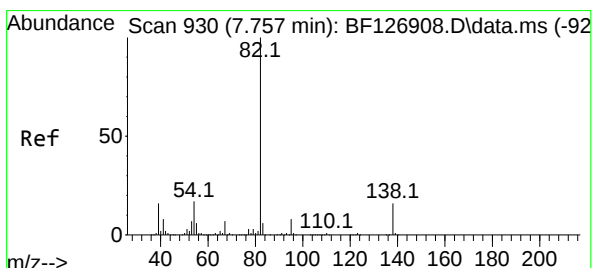
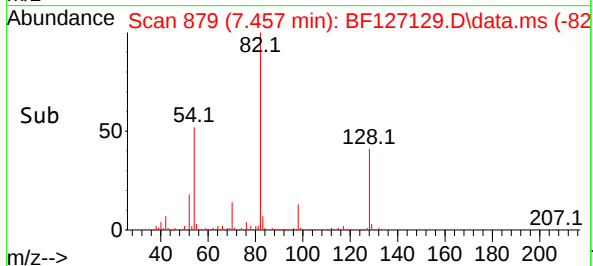
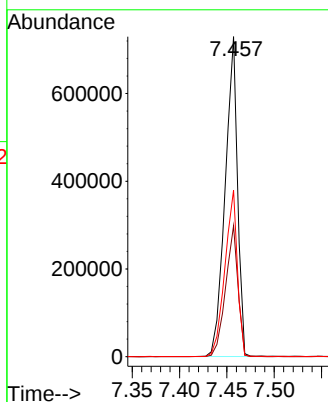
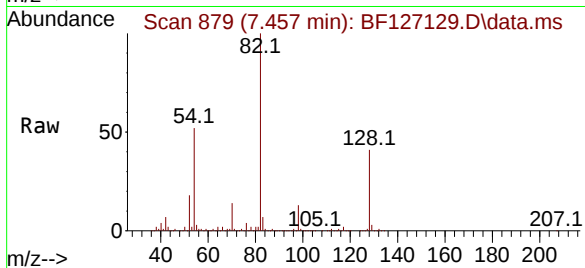
Tgt Ion: 82 Resp: 665051

Ion Ratio Lower Upper

82 100

128 40.9 32.7 49.1

54 52.0 41.7 62.5



#25

Isophorone

Concen: 55.464 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.259 min

Lab File: BF127129.D

Acq: 01 Mar 2022 21:25

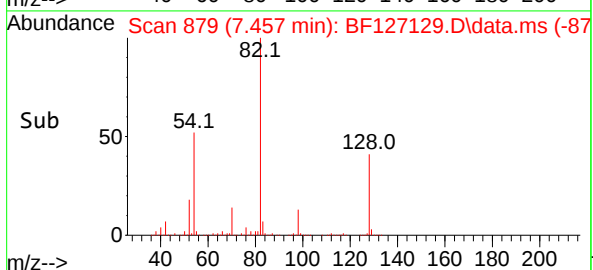
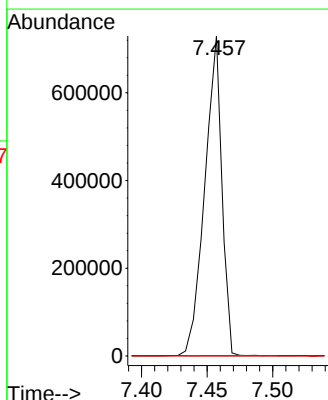
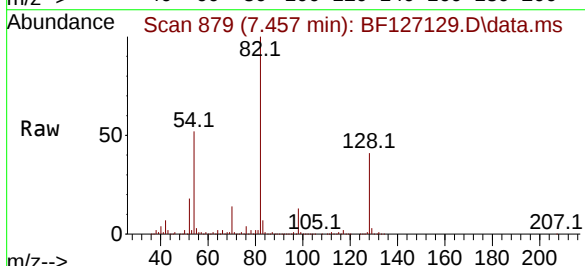
Tgt Ion: 82 Resp: 662553

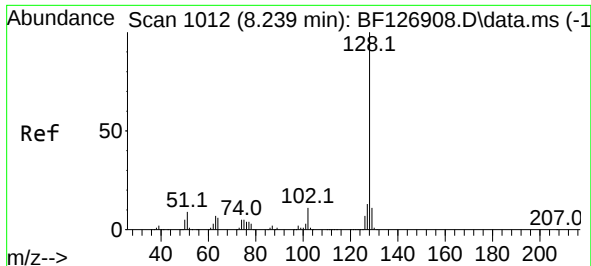
Ion Ratio Lower Upper

82 100

95 0.1 5.0 7.4#

138 0.0 12.3 18.5#

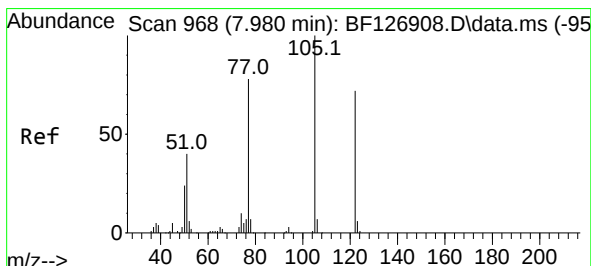
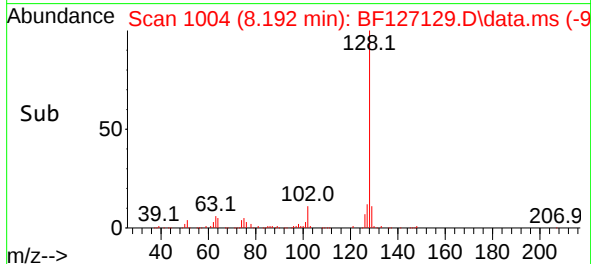
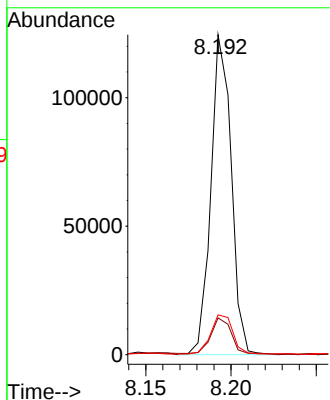
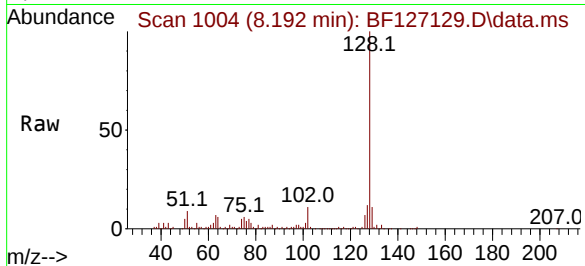




#31
Naphthalene
Concen: 6.092 ng
RT: 8.192 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF127129.D
Acq: 01 Mar 2022 21:25

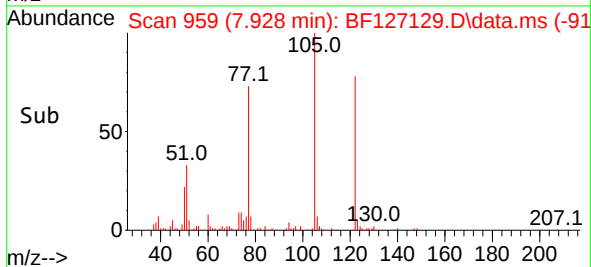
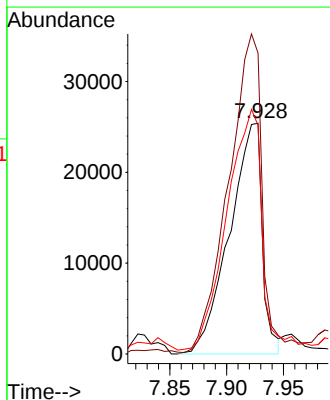
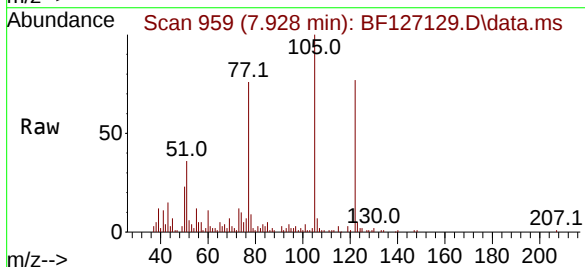
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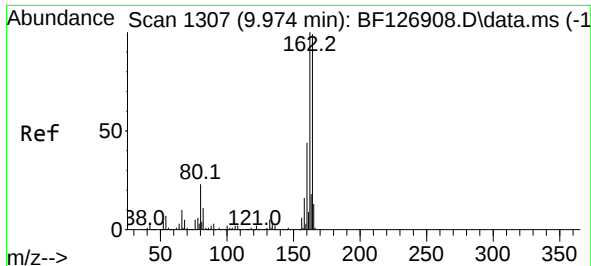
Tgt Ion:128 Resp: 103621
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 12.4 10.3 15.5



#32
Benzoic acid
Concen: 15.046 ng
RT: 7.928 min Scan# 959
Delta R.T. -0.024 min
Lab File: BF127129.D
Acq: 01 Mar 2022 21:25

Tgt Ion:122 Resp: 50899
Ion Ratio Lower Upper
122 100
105 130.4 101.0 141.0
77 99.1 74.5 114.5

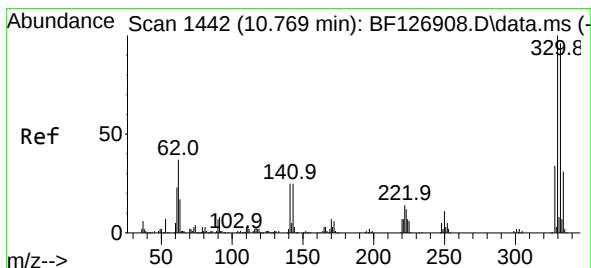
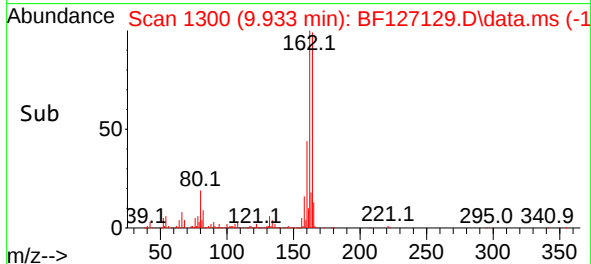
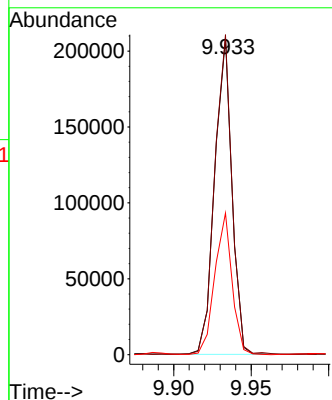
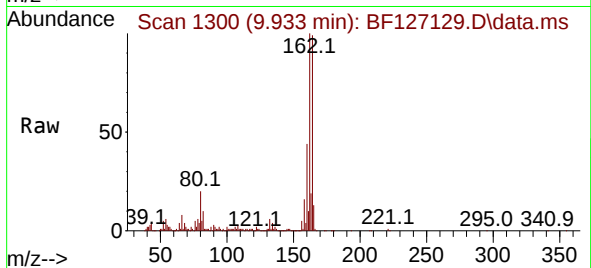




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127129.D
Acq: 01 Mar 2022 21:25

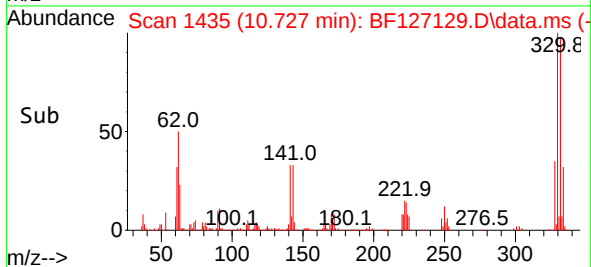
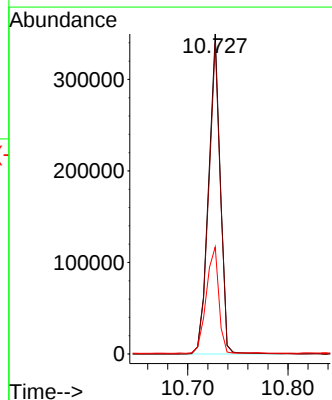
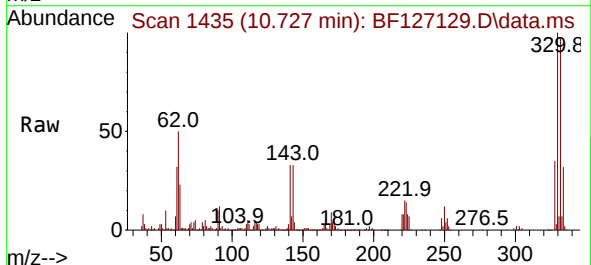
Instrument :
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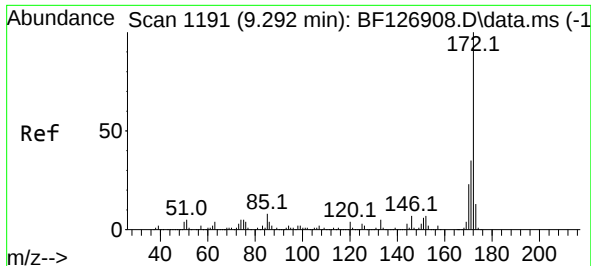
Tgt Ion:164 Resp: 161055
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 44.8 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 154.019 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF127129.D
Acq: 01 Mar 2022 21:25

Tgt Ion:330 Resp: 285602
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 35.4 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 97.771 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF127129.D

Acq: 01 Mar 2022 21:25

Instrument :

BNA_F

ClientSampleId :

MW-29

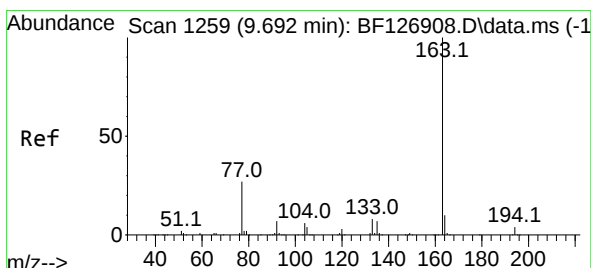
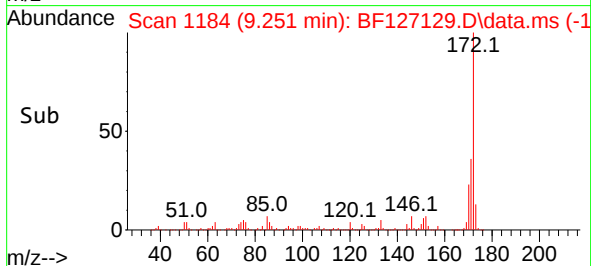
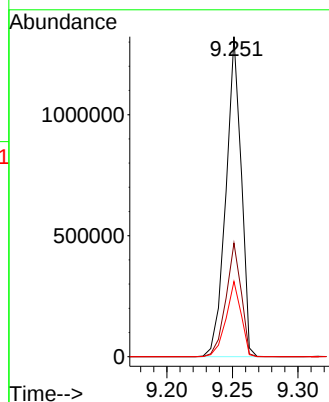
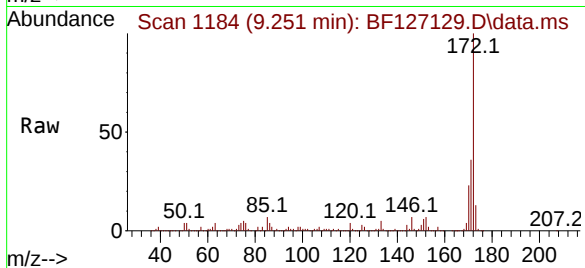
Tgt Ion:172 Resp: 1069620

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.5 19.0 28.6



#50

Dimethylphthalate

Concen: 14.639 ng

RT: 9.857 min Scan# 1287

Delta R.T. 0.200 min

Lab File: BF127129.D

Acq: 01 Mar 2022 21:25

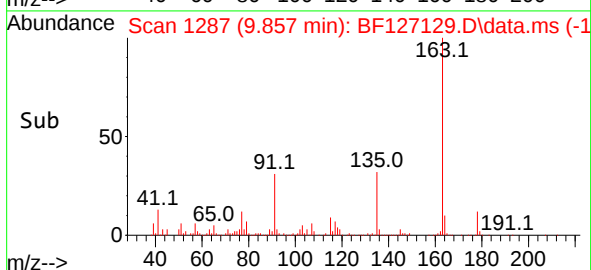
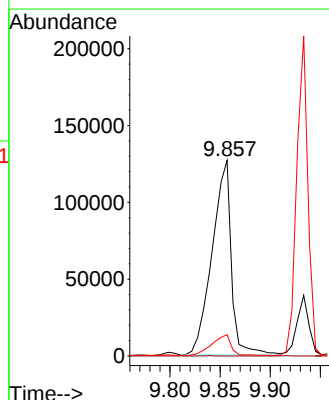
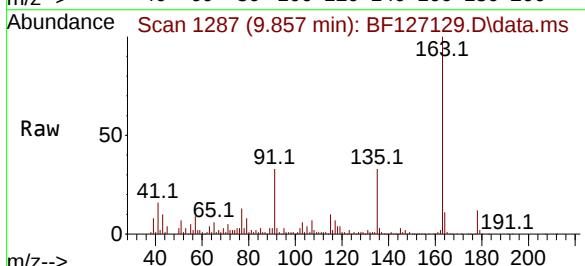
Tgt Ion:163 Resp: 168522

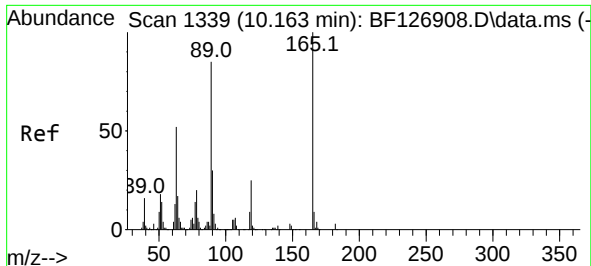
Ion Ratio Lower Upper

163 100

194 0.0 2.6 3.8#

164 10.9 7.8 11.8

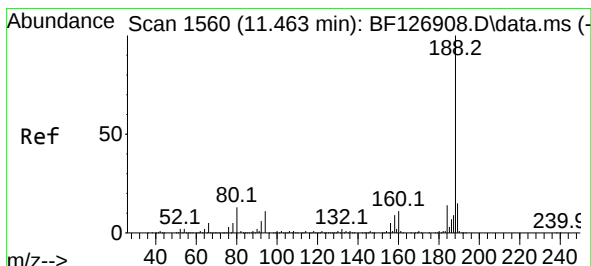
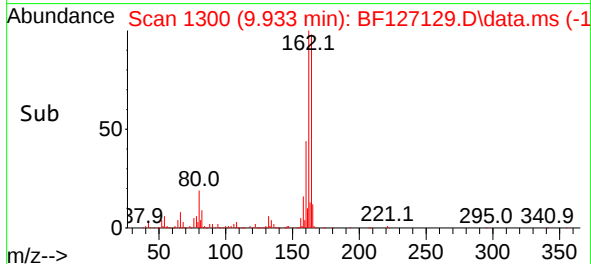
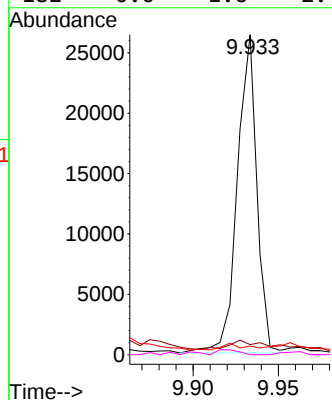
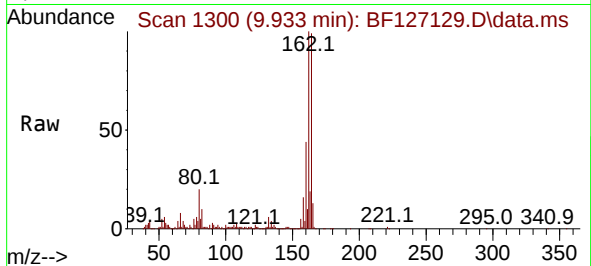




#57
2,4-Dinitrotoluene
Concen: 6.635 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127129.D
Acq: 01 Mar 2022 21:25

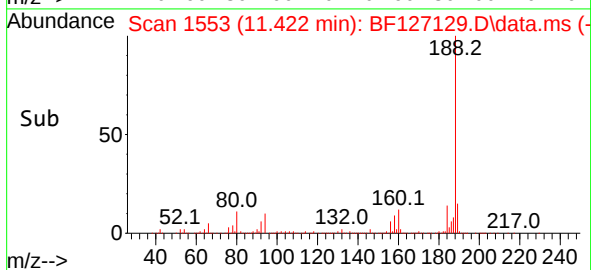
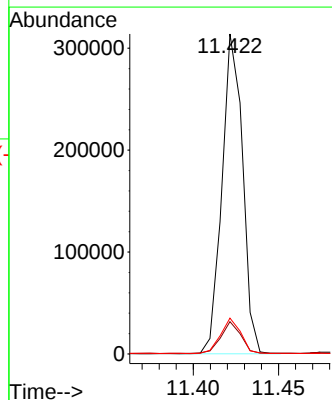
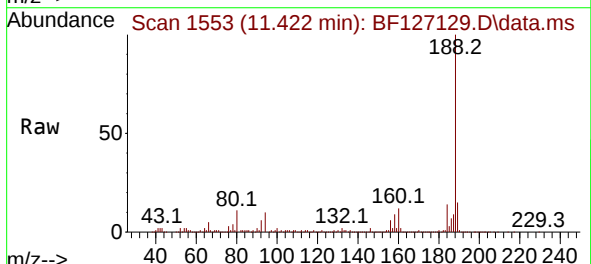
Instrument :
BNA_F
ClientSampleId :
MW-29

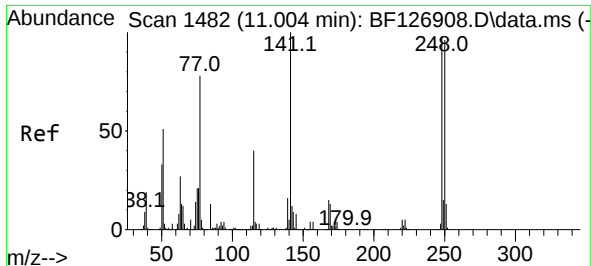
Tgt Ion:165 Resp: 21012
Ion Ratio Lower Upper
165 100
63 3.2 43.0 64.6#
89 2.7 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127129.D
Acq: 01 Mar 2022 21:25

Tgt Ion:188 Resp: 264053
Ion Ratio Lower Upper
188 100
94 10.1 10.1 15.1
80 11.2 11.8 17.6#

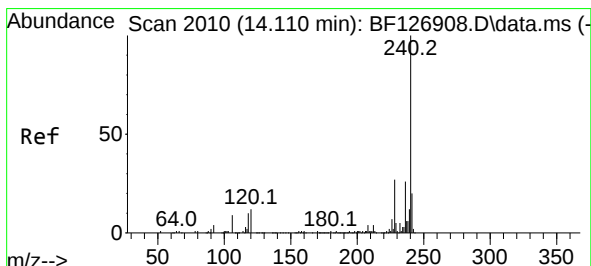
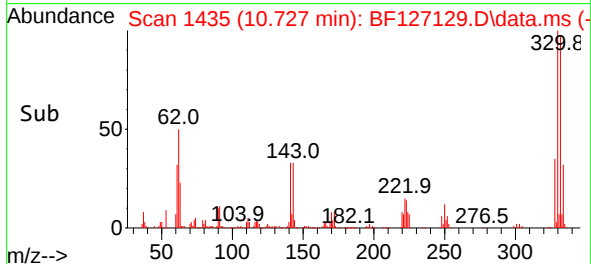
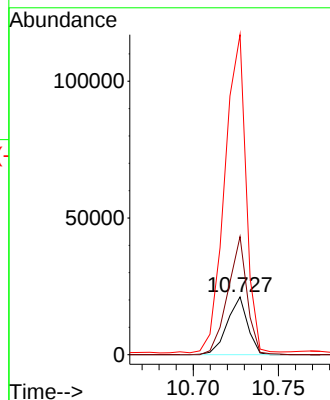
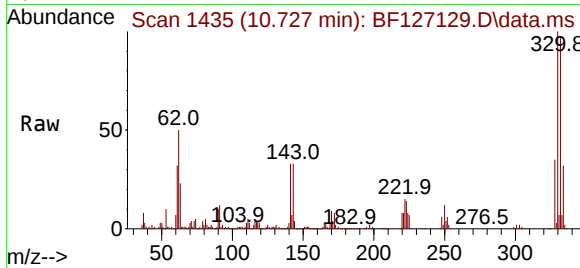




#67
4-Bromophenyl-phenylether
Concen: 5.948 ng
RT: 10.727 min Scan# 1482
Delta R.T. -0.241 min
Lab File: BF127129.D
Acq: 01 Mar 2022 21:25

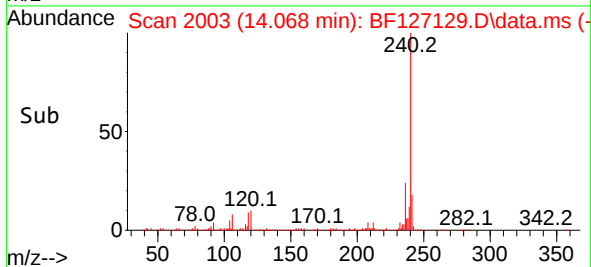
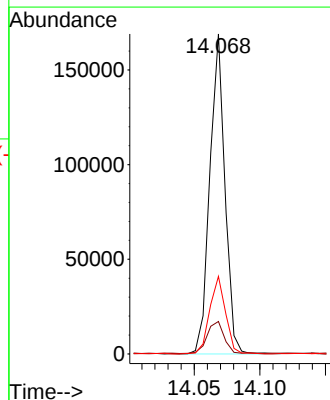
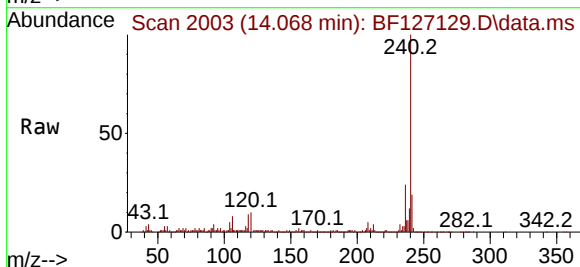
Instrument :
BNA_F
ClientSampleId :
MW-29

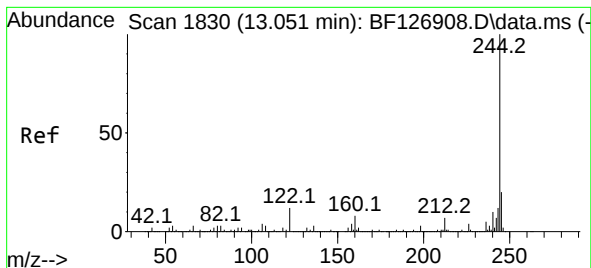
Tgt Ion:248 Resp: 17547
Ion Ratio Lower Upper
248 100
250 204.2 76.2 114.4#
141 553.8 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF127129.D
Acq: 01 Mar 2022 21:25

Tgt Ion:240 Resp: 135920
Ion Ratio Lower Upper
240 100
120 10.1 14.4 21.6#
236 24.3 20.5 30.7





#79

Terphenyl-d14

Concen: 96.825 ng

RT: 13.010 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127129.D

Acq: 01 Mar 2022 21:25

Instrument :

BNA_F

ClientSampleId :

MW-29

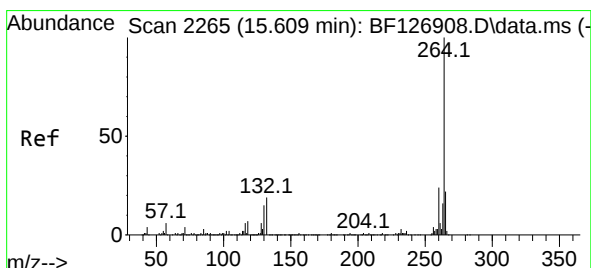
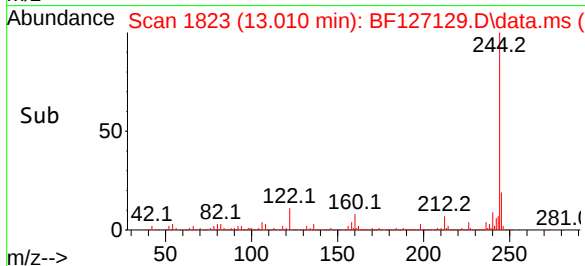
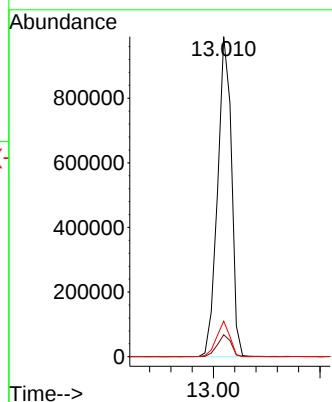
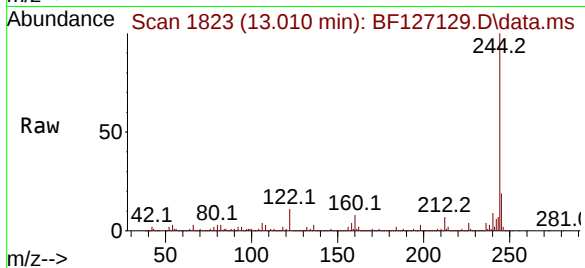
Tgt Ion:244 Resp: 895247

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

122 11.1 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: BF127129.D

Acq: 01 Mar 2022 21:25

Tgt Ion:264 Resp: 156083

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.1 17.4 26.2

