

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127245.D
 Acq On : 08 Mar 2022 03:16
 Operator : CG\JU
 Sample : N1689-01DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-38DL

Quant Time: Mar 08 03:50:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

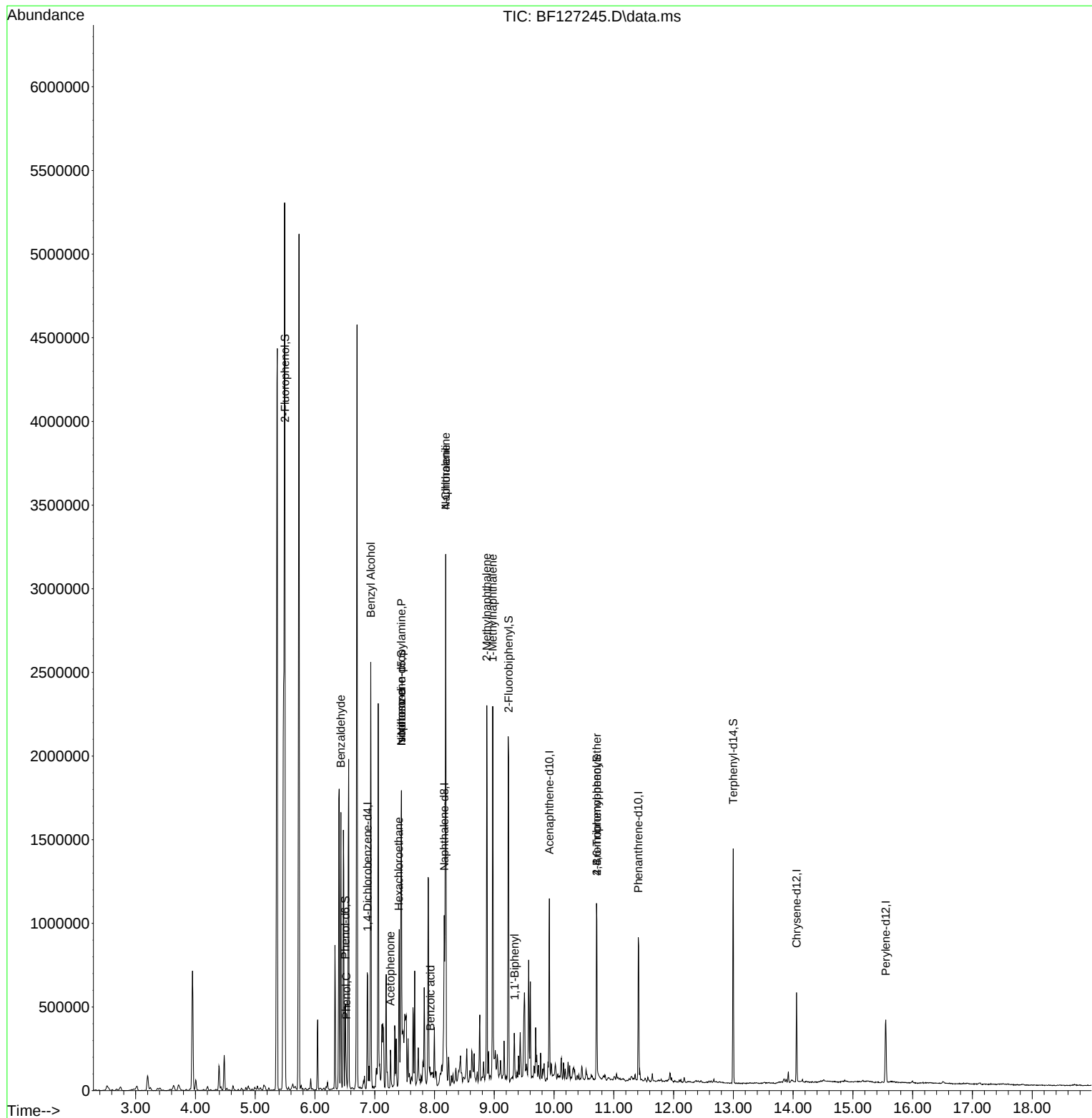
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	97562	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	388069	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	191234	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	306136	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	159884	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	161234	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	165254	26.179	ng	0.00
7) Phenol-d6	6.510	99	151074	17.737	ng	0.00
23) Nitrobenzene-d5	7.445	82	345409	40.175	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	134995	61.311	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	595161	45.817	ng	0.00
79) Terphenyl-d14	12.998	244	426656	39.229	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	63772	12.300	ng	# 1
10) Phenol	6.522	94	30767	3.575	ng	85
15) Benzyl Alcohol	6.934	79	73486	10.241	ng	# 7
18) Hexachloroethane	7.404	117	66317	23.358	ng	# 1
19) n-Nitroso-di-n-propyla...	7.445	70	57277	10.436	ng	# 81
22) Acetophenone	7.263	105	85440	8.362	ng	# 54
25) Isophorone	7.445	82	340151	23.909	ng	# 69
31) Naphthalene	8.187	128	1286451	63.504	ng	99
32) Benzoic acid	7.934	122	8629	2.142	ng	# 49
33) 4-Chloroaniline	8.187	127	173642	21.777	ng	# 33
37) 2-Methylnaphthalene	8.875	142	561649	42.727	ng	98
38) 1-Methylnaphthalene	8.975	142	400918	31.850	ng	98
46) 1,1'-Biphenyl	9.339	154	47573	3.140	ng	95
67) 4-Bromophenyl-phenylether	10.716	248	7944	2.322	ng	# 1

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

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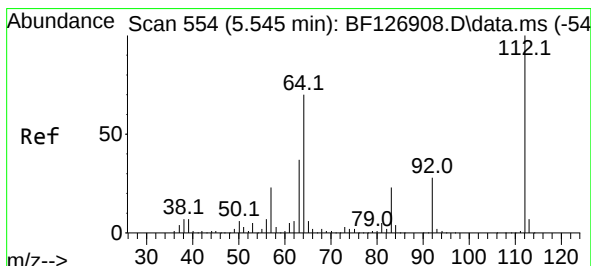
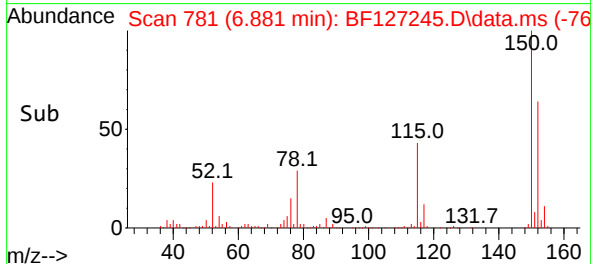
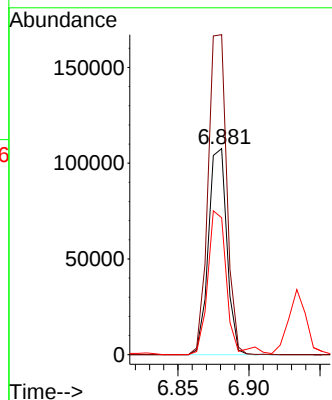
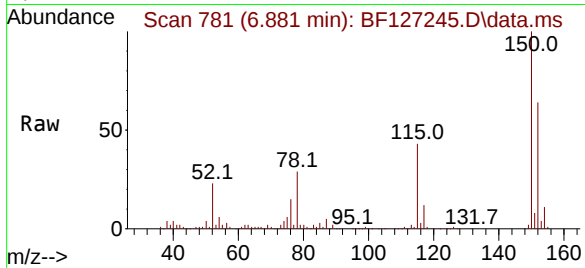




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127245.D
Acq: 08 Mar 2022 03:16

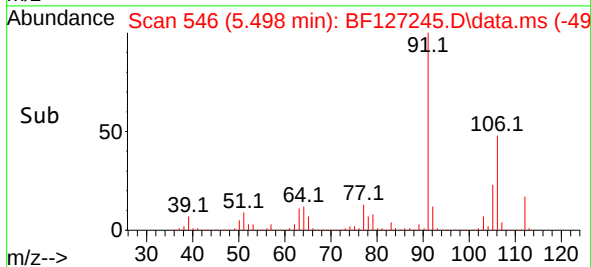
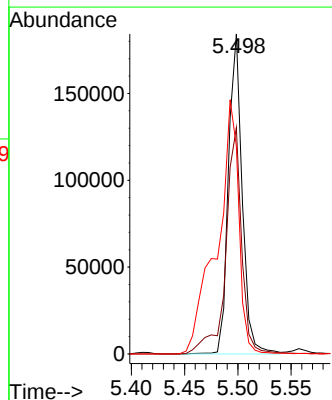
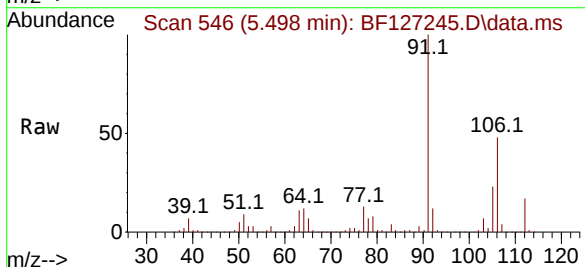
Instrument :
BNA_F
ClientSampleId :
MW-38DL

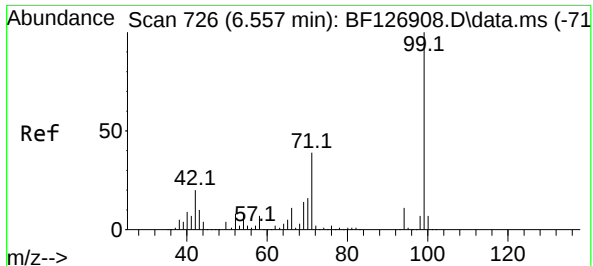
Tgt Ion:152 Resp: 97562
Ion Ratio Lower Upper
152 100
150 155.3 128.1 192.1
115 66.4 56.7 85.1



#5
2-Fluorophenol
Concen: 26.179 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.000 min
Lab File: BF127245.D
Acq: 08 Mar 2022 03:16

Tgt Ion:112 Resp: 165254
Ion Ratio Lower Upper
112 100
64 70.7 49.5 74.3
63 64.9 23.9 35.9#

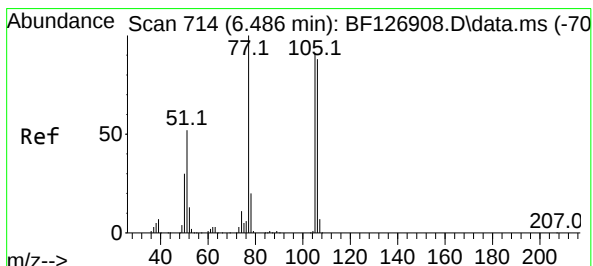
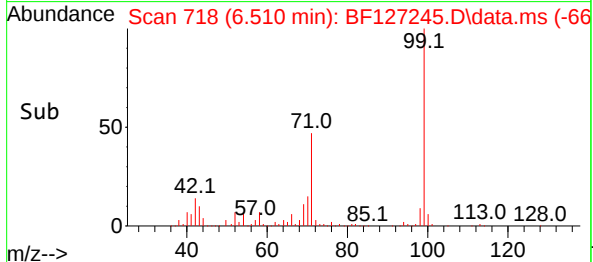
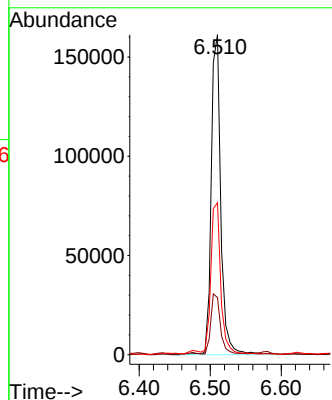
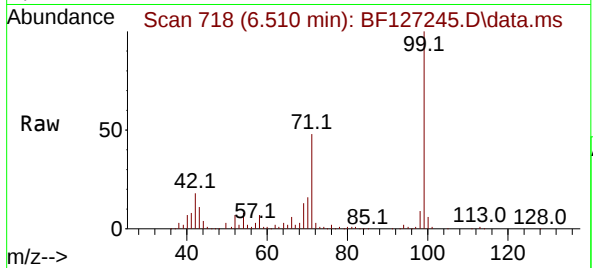




#7
Phenol-d6
Concen: 17.737 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127245.D
Acq: 08 Mar 2022 03:16

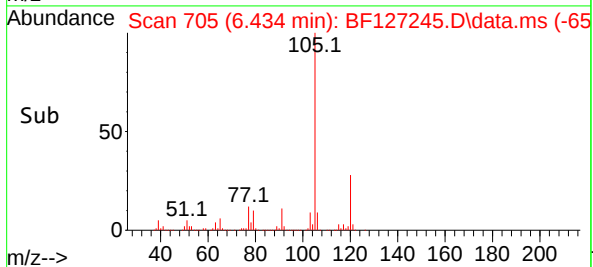
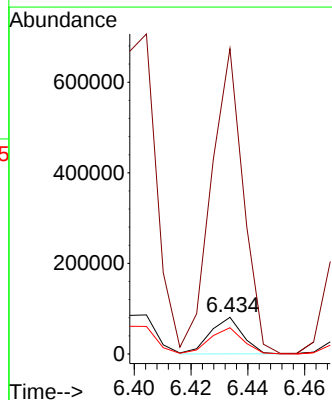
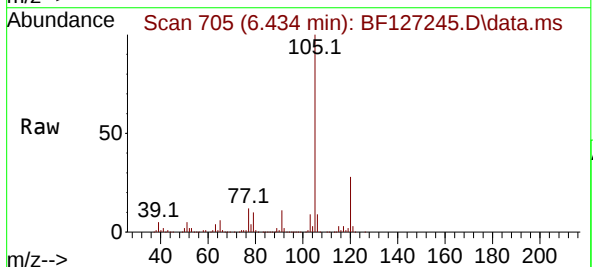
Instrument :
BNA_F
ClientSampleId :
MW-38DL

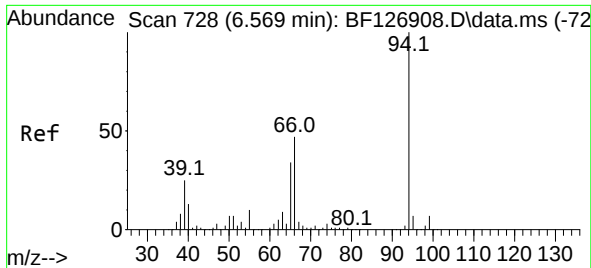
Tgt Ion: 99 Resp: 151074
Ion Ratio Lower Upper
99 100
42 17.9 14.2 21.4
71 47.5 24.3 36.5#



#9
Benzaldehyde
Concen: 12.300 ng
RT: 6.434 min Scan# 705
Delta R.T. 0.000 min
Lab File: BF127245.D
Acq: 08 Mar 2022 03:16

Tgt Ion: 77 Resp: 63772
Ion Ratio Lower Upper
77 100
105 831.8 74.9 114.9#
106 71.5 72.4 112.4#





#10

Phenol

Concen: 3.575 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127245.D

Acq: 08 Mar 2022 03:16

Instrument :

BNA_F

ClientSampleId :

MW-38DL

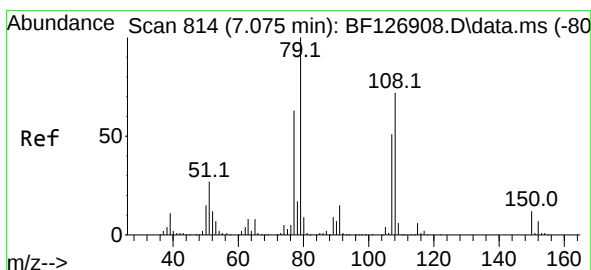
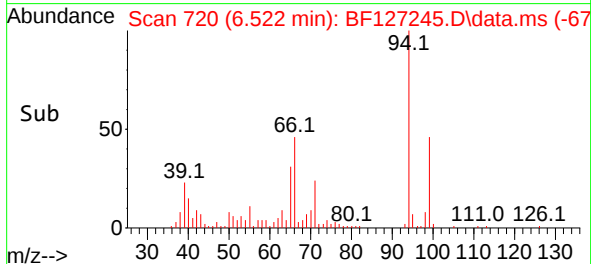
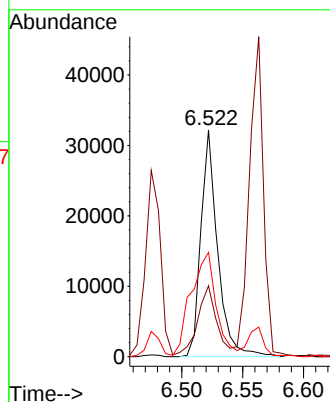
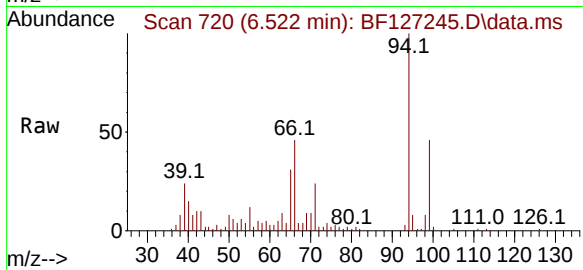
Tgt Ion: 94 Resp: 30767

Ion Ratio Lower Upper

94 100

65 31.3 7.2 47.2

66 46.0 14.5 54.5



#15

Benzyl Alcohol

Concen: 10.241 ng

RT: 6.934 min Scan# 790

Delta R.T. -0.088 min

Lab File: BF127245.D

Acq: 08 Mar 2022 03:16

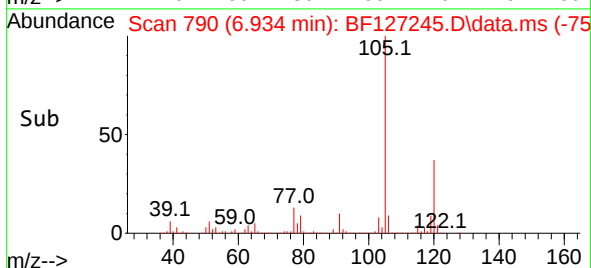
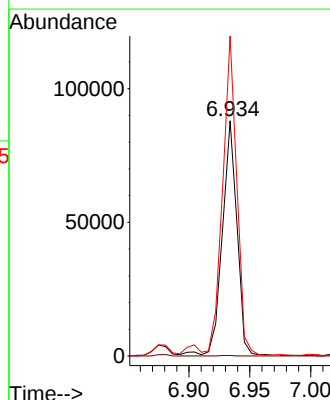
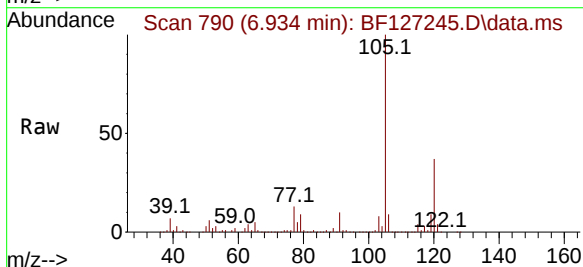
Tgt Ion: 79 Resp: 73486

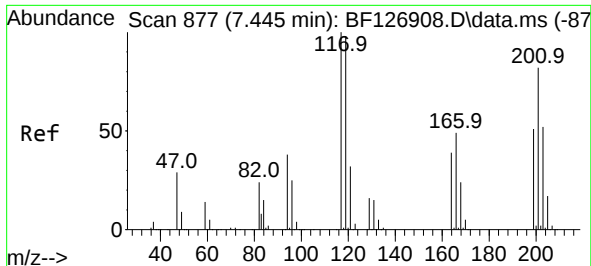
Ion Ratio Lower Upper

79 100

108 0.2 63.2 94.8#

77 136.0 49.4 74.2#

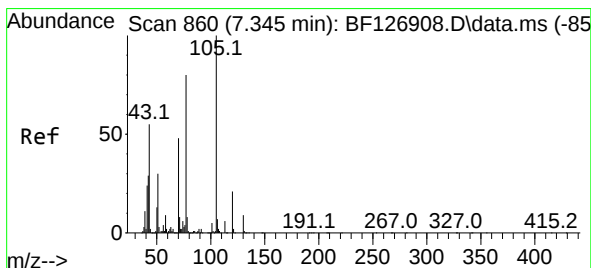
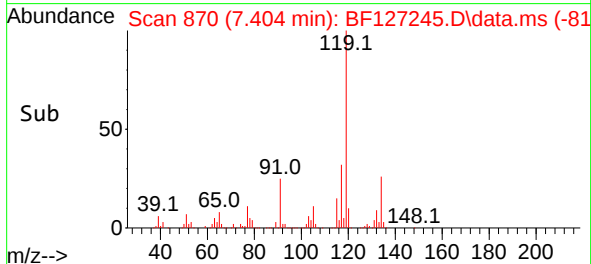
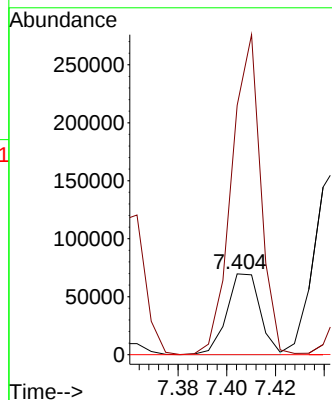
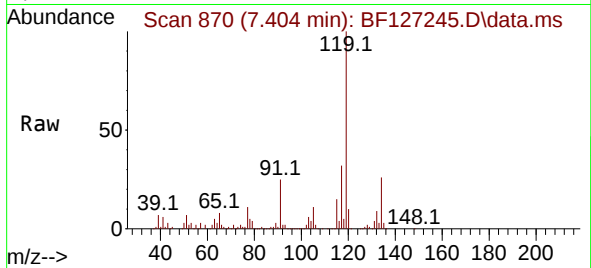




#18
Hexachloroethane
Concen: 23.358 ng
RT: 7.404 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF127245.D
Acq: 08 Mar 2022 03:16

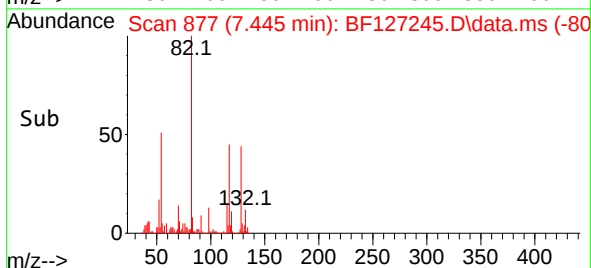
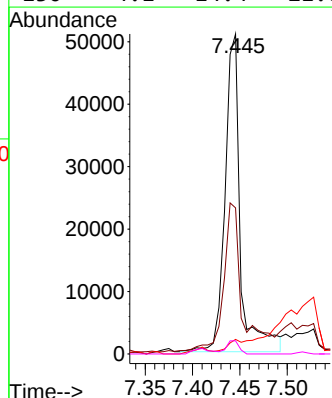
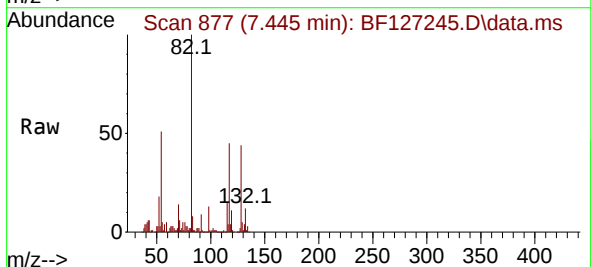
Instrument :
BNA_F
ClientSampleId :
MW-38DL

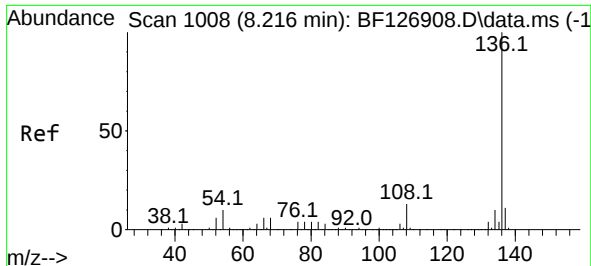
Tgt Ion:117 Resp: 66317
Ion Ratio Lower Upper
117 100
119 308.6 75.4 113.0#
201 0.0 56.8 85.2#



#19
n-Nitroso-di-n-propylamine
Concen: 10.436 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.153 min
Lab File: BF127245.D
Acq: 08 Mar 2022 03:16

Tgt Ion: 70 Resp: 57277
Ion Ratio Lower Upper
70 100
42 45.6 45.8 68.8#
101 4.5 6.9 10.3#
130 4.1 14.4 21.6#

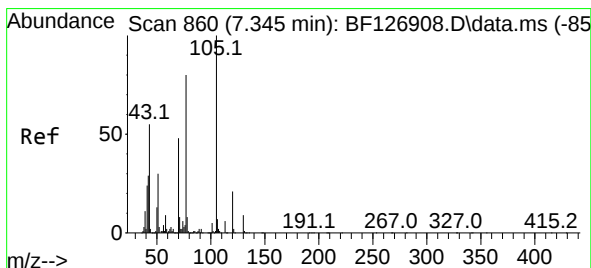
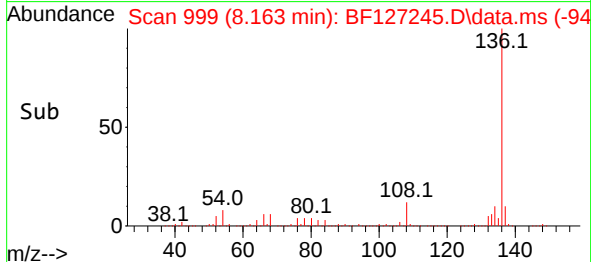
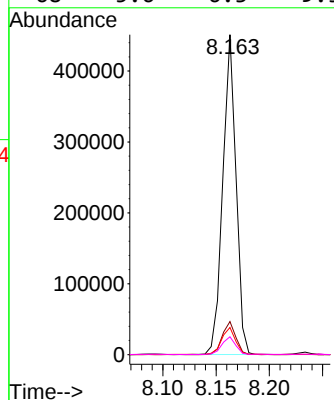
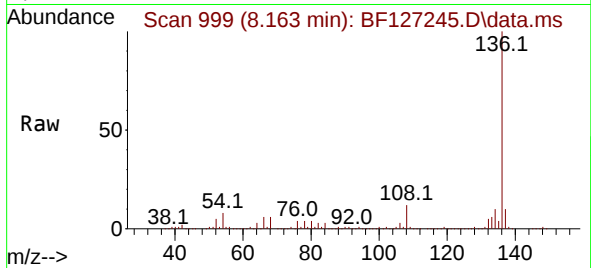




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127245.D
Acq: 08 Mar 2022 03:16

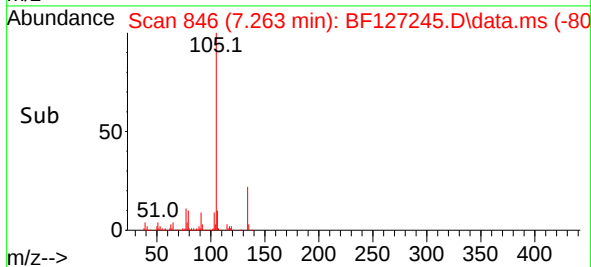
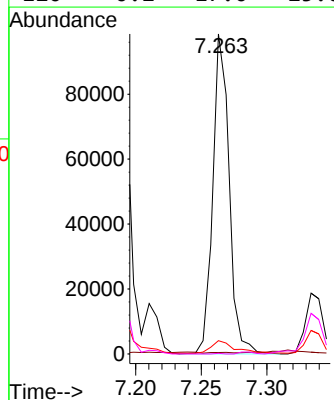
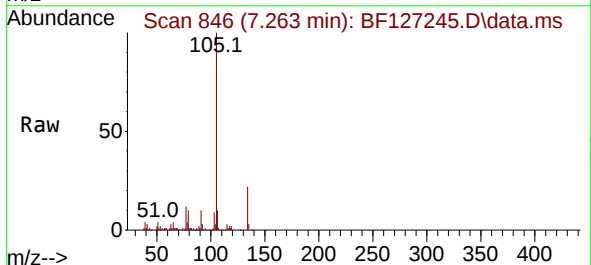
Instrument :
BNA_F
ClientSampleId :
MW-38DL

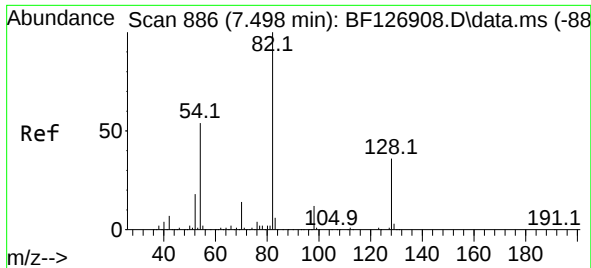
Tgt Ion:136 Resp: 388069
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.5 7.8 11.6
68 5.6 6.3 9.5#



#22
Acetophenone
Concen: 8.362 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.029 min
Lab File: BF127245.D
Acq: 08 Mar 2022 03:16

Tgt Ion:105 Resp: 85440
Ion Ratio Lower Upper
105 100
71 0.5 5.4 8.0#
51 4.2 27.4 41.0#
120 0.2 17.0 25.6#





#23

Nitrobenzene-d5

Concen: 40.175 ng

RT: 7.445 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127245.D

Acq: 08 Mar 2022 03:16

Instrument :

BNA_F

ClientSampleId :

MW-38DL

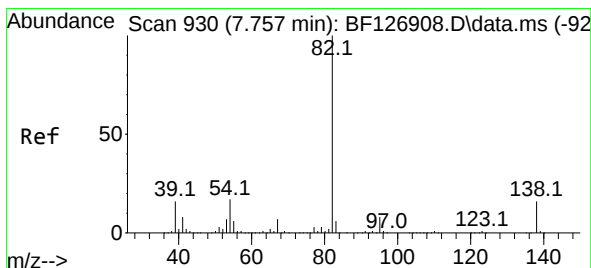
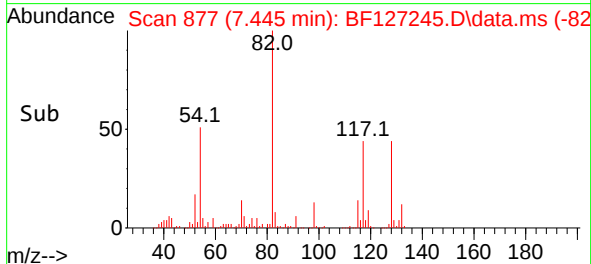
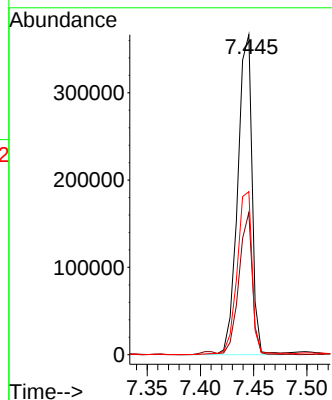
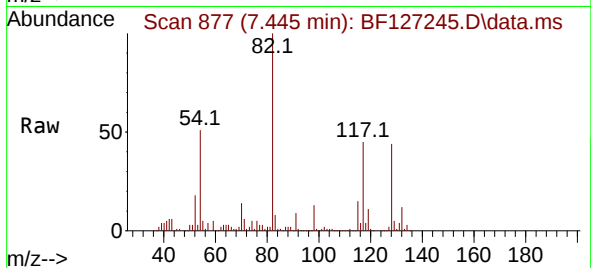
Tgt Ion: 82 Resp: 345409

Ion Ratio Lower Upper

82 100

128 44.4 32.7 49.1

54 51.0 41.7 62.5



#25

Isophorone

Concen: 23.909 ng

RT: 7.445 min Scan# 877

Delta R.T. -0.259 min

Lab File: BF127245.D

Acq: 08 Mar 2022 03:16

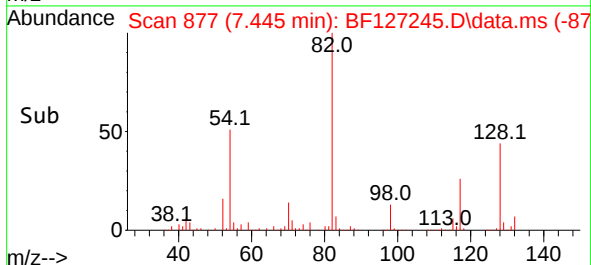
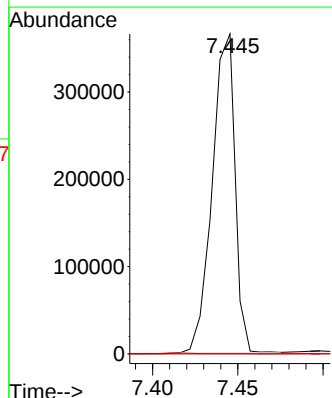
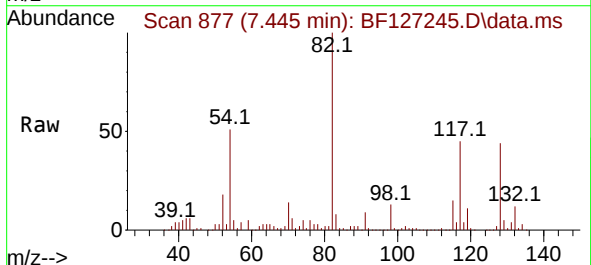
Tgt Ion: 82 Resp: 340151

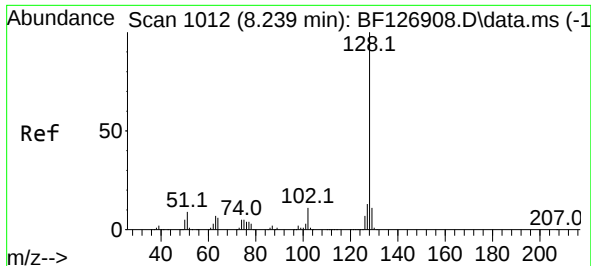
Ion Ratio Lower Upper

82 100

95 0.1 5.0 7.4#

138 0.0 12.3 18.5#

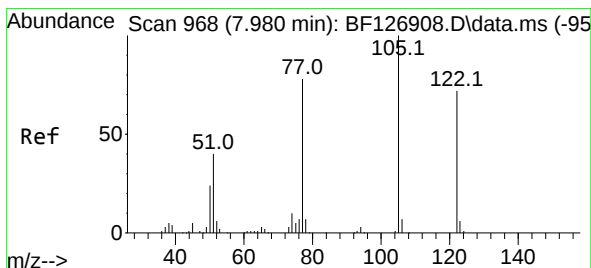
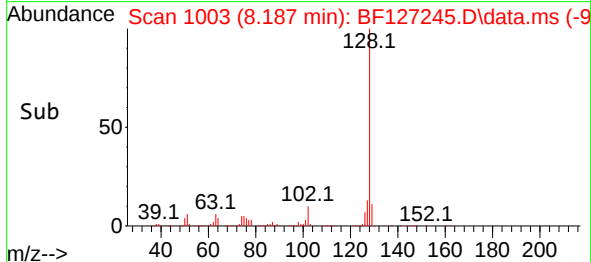
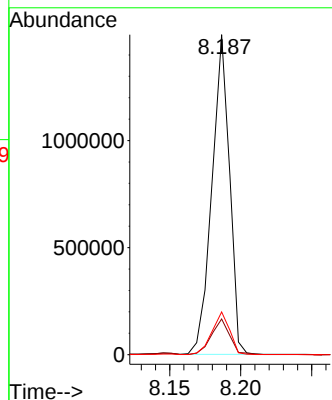
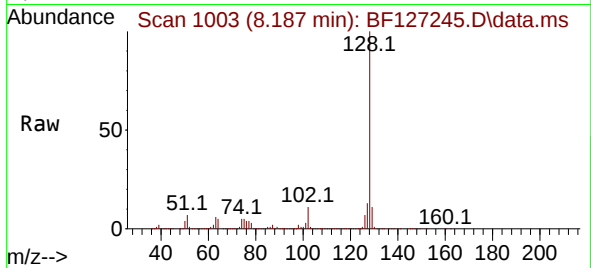




#31
Naphthalene
Concen: 63.504 ng
RT: 8.187 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF127245.D
Acq: 08 Mar 2022 03:16

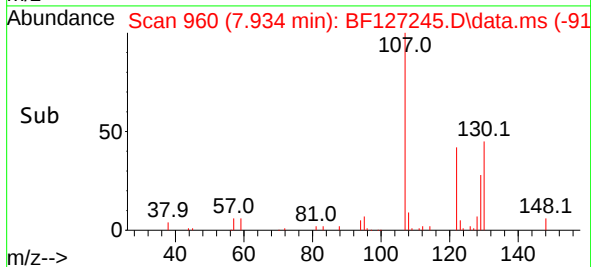
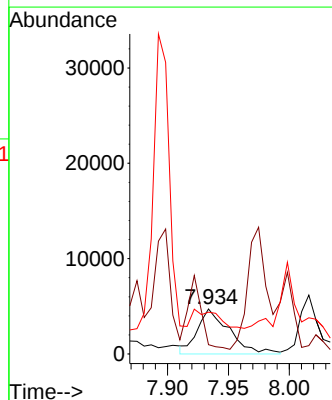
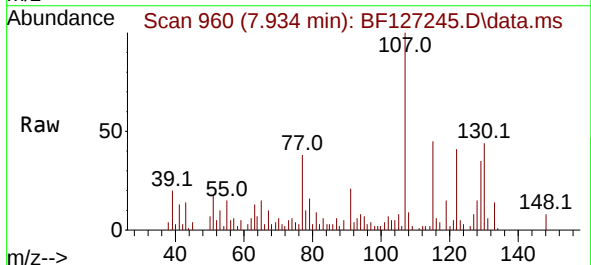
Instrument :
BNA_F
ClientSampleId :
MW-38DL

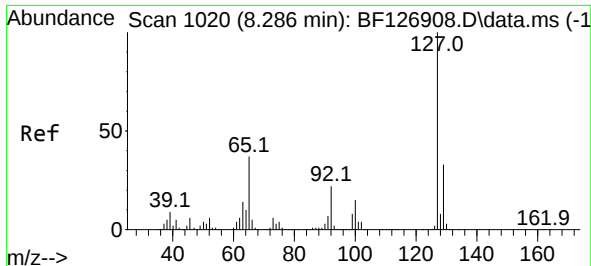
Tgt Ion:128 Resp: 1286451
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.3 15.5



#32
Benzoic acid
Concen: 2.142 ng
RT: 7.934 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF127245.D
Acq: 08 Mar 2022 03:16

Tgt Ion:122 Resp: 8629
Ion Ratio Lower Upper
122 100
105 20.8 101.0 141.0#
77 92.9 74.5 114.5

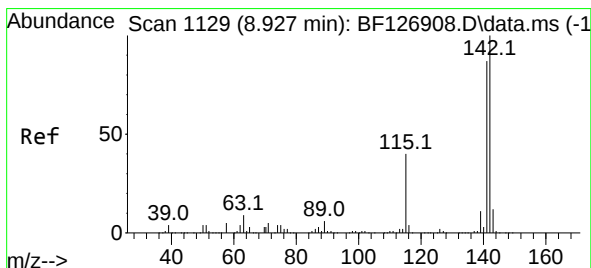
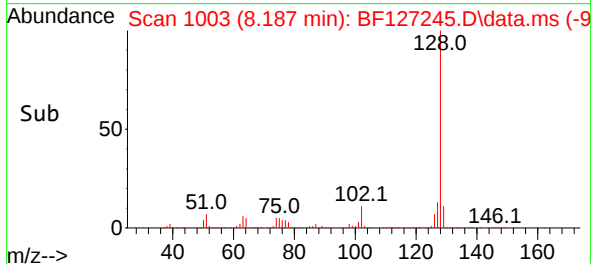
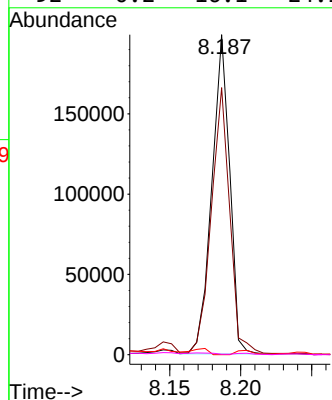
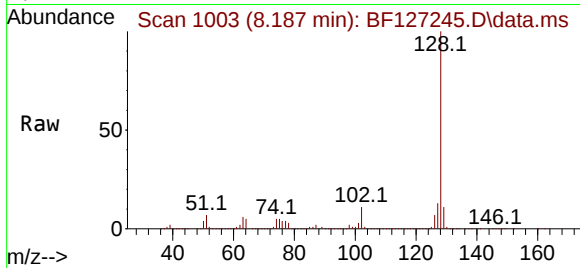




#33
4-Chloroaniline
Concen: 21.777 ng
RT: 8.187 min Scan# 1020
Delta R.T. -0.047 min
Lab File: BF127245.D
Acq: 08 Mar 2022 03:16

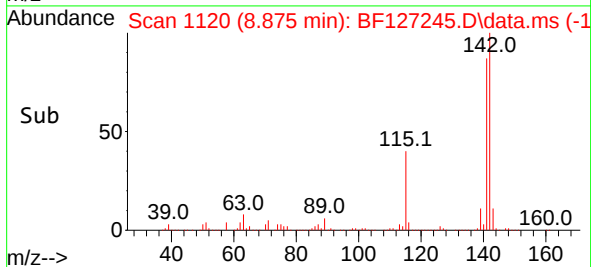
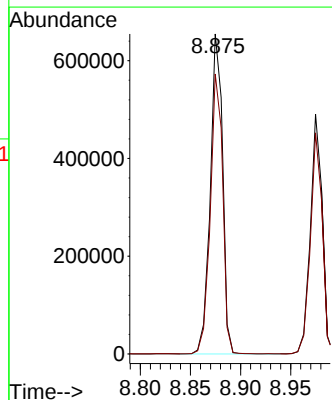
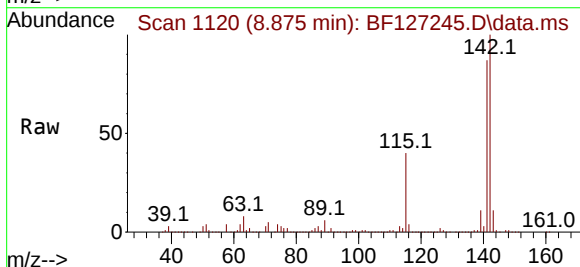
Instrument :
BNA_F
ClientSampleId :
MW-38DL

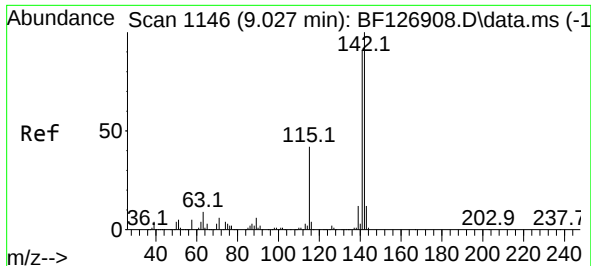
Tgt Ion:127 Resp: 173642
Ion Ratio Lower Upper
127 100
129 83.5 26.5 39.7#
65 0.0 26.6 39.8#
92 0.2 16.1 24.1#



#37
2-Methylnaphthalene
Concen: 42.727 ng
RT: 8.875 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BF127245.D
Acq: 08 Mar 2022 03:16

Tgt Ion:142 Resp: 561649
Ion Ratio Lower Upper
142 100
141 87.5 68.6 102.8

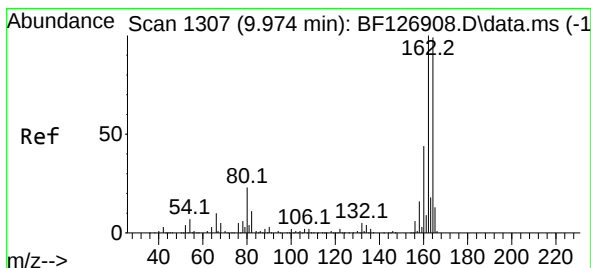
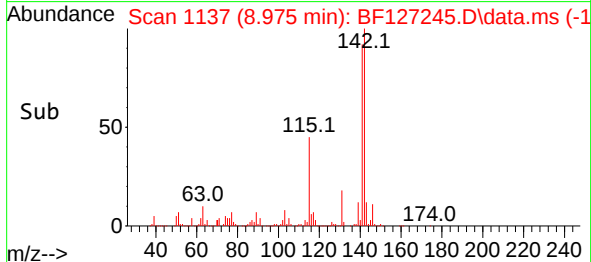
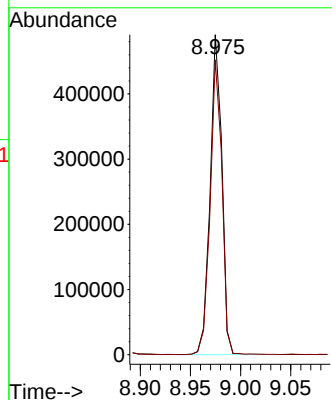
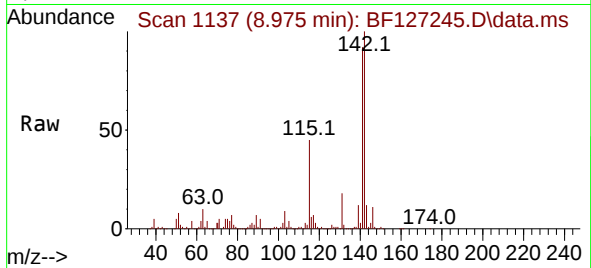




#38
1-Methylnaphthalene
Concen: 31.850 ng
RT: 8.975 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF127245.D
Acq: 08 Mar 2022 03:16

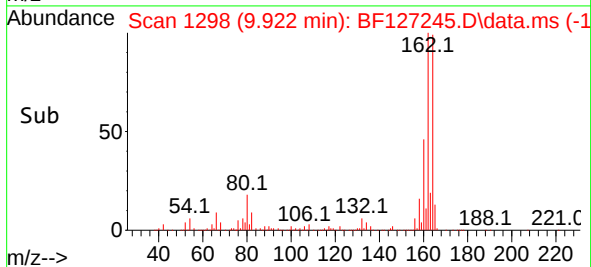
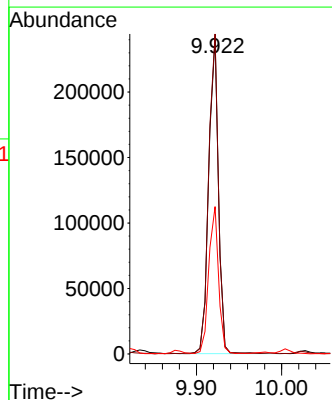
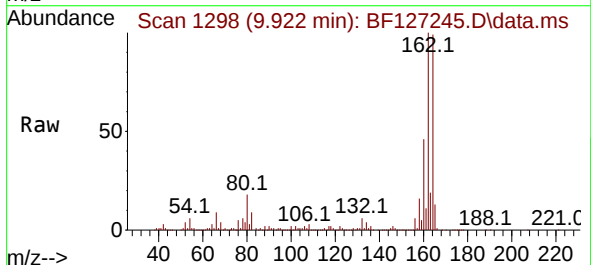
Instrument :
BNA_F
ClientSampleId :
MW-38DL

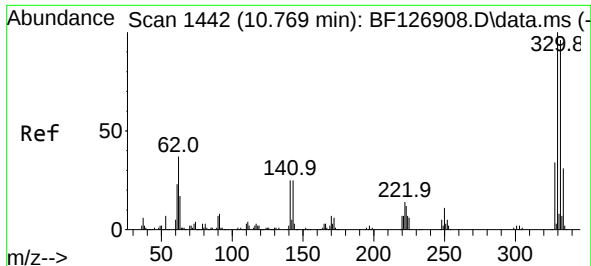
Tgt Ion:142 Resp: 400918
Ion Ratio Lower Upper
142 100
141 92.2 72.1 108.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF127245.D
Acq: 08 Mar 2022 03:16

Tgt Ion:164 Resp: 191234
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 46.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 61.311 ng

RT: 10.716 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF127245.D

Acq: 08 Mar 2022 03:16

Instrument :

BNA_F

ClientSampleId :

MW-38DL

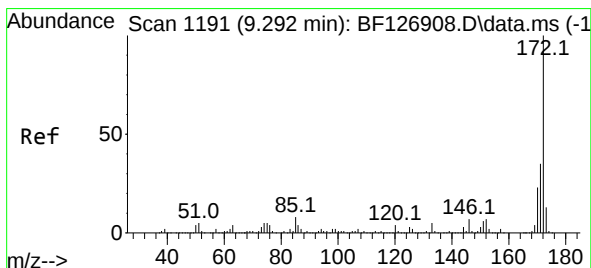
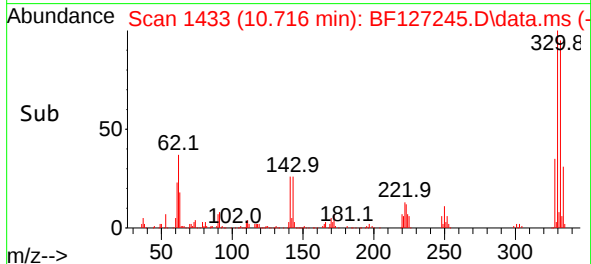
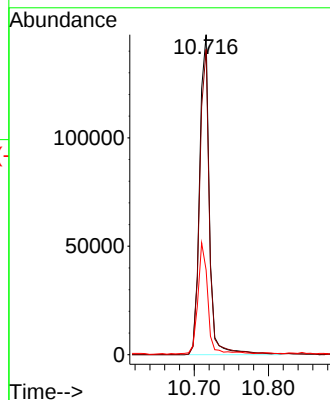
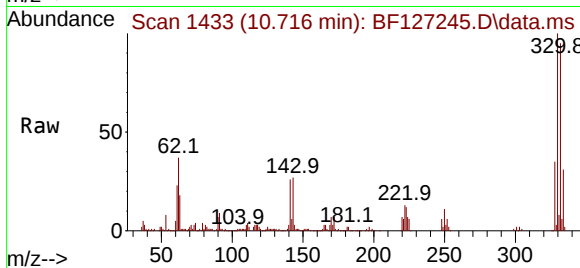
Tgt Ion:330 Resp: 134995

Ion Ratio Lower Upper

330 100

332 94.7 76.0 114.0

141 35.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 45.817 ng

RT: 9.239 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF127245.D

Acq: 08 Mar 2022 03:16

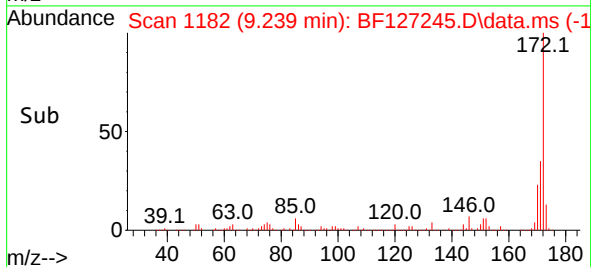
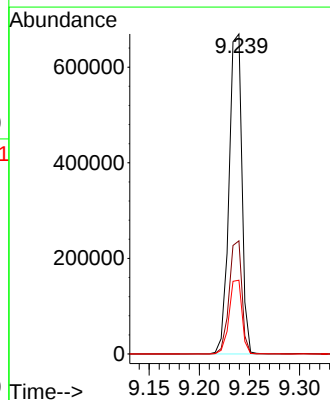
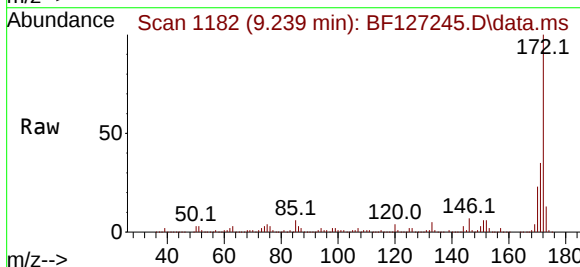
Tgt Ion:172 Resp: 595161

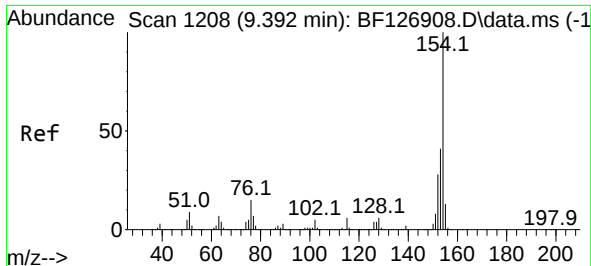
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.1 19.0 28.6

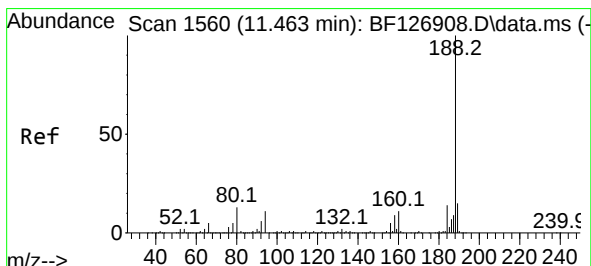
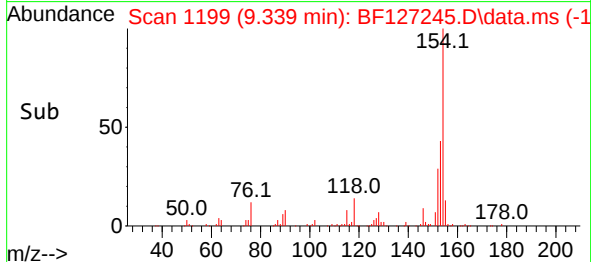
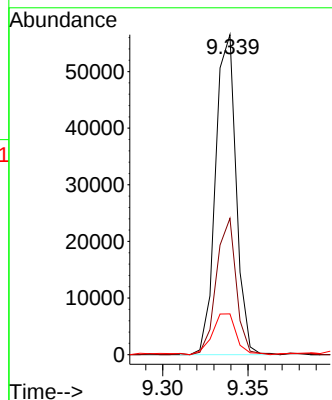
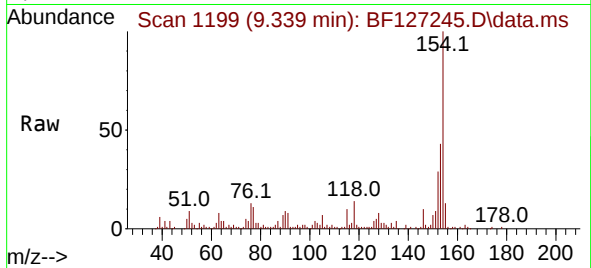




#46
1,1'-Biphenyl
Concen: 3.140 ng
RT: 9.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127245.D
Acq: 08 Mar 2022 03:16

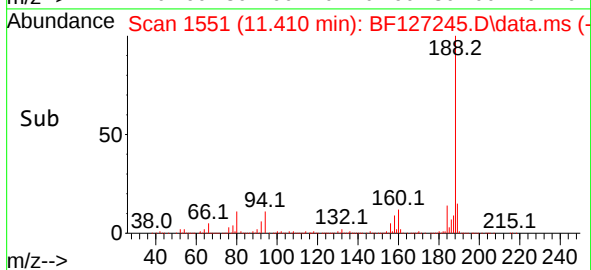
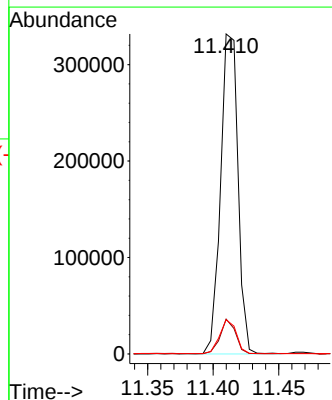
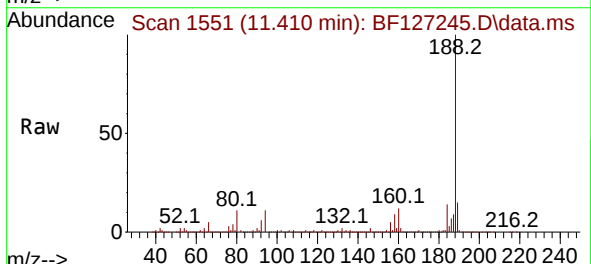
Instrument :
BNA_F
ClientSampleId :
MW-38DL

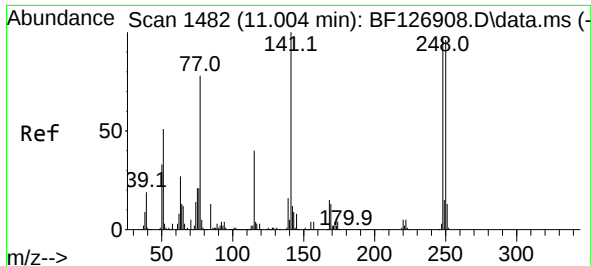
Tgt Ion:154 Resp: 47573
Ion Ratio Lower Upper
154 100
153 42.6 19.0 59.0
76 12.8 0.0 34.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF127245.D
Acq: 08 Mar 2022 03:16

Tgt Ion:188 Resp: 306136
Ion Ratio Lower Upper
188 100
94 10.9 10.1 15.1
80 10.7 11.8 17.6#

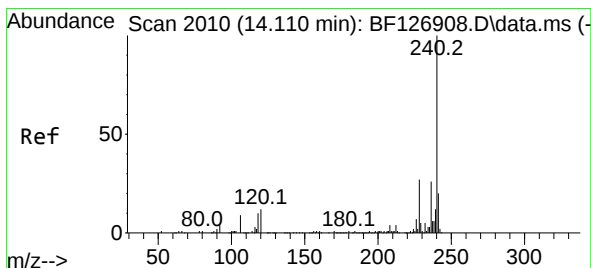
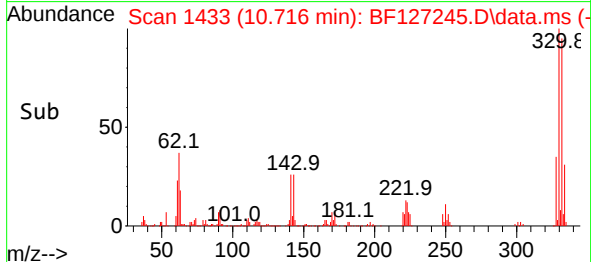
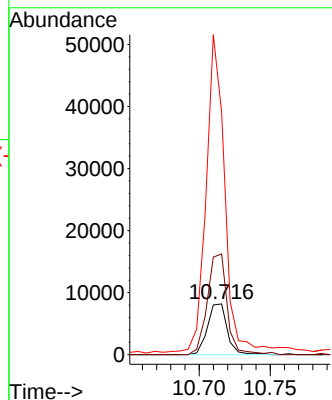
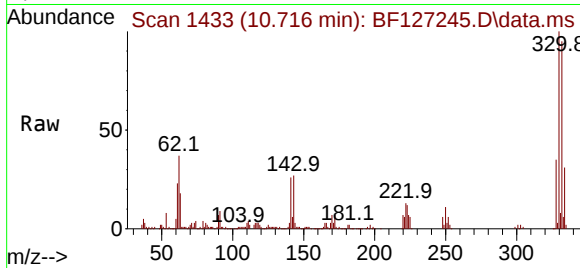




#67
4-Bromophenyl-phenylether
Concen: 2.322 ng
RT: 10.716 min Scan# 1482
Delta R.T. -0.241 min
Lab File: BF127245.D
Acq: 08 Mar 2022 03:16

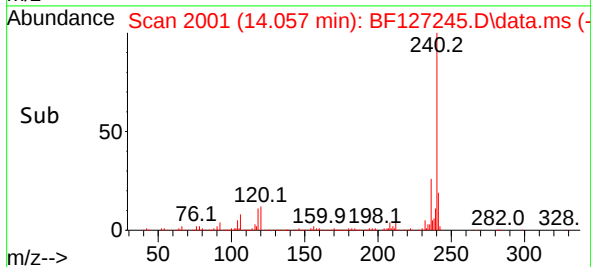
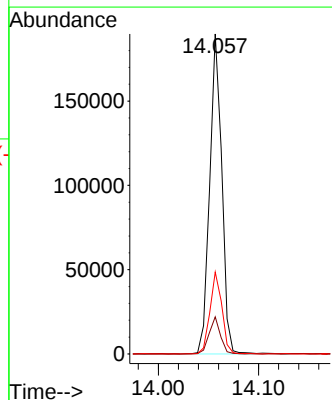
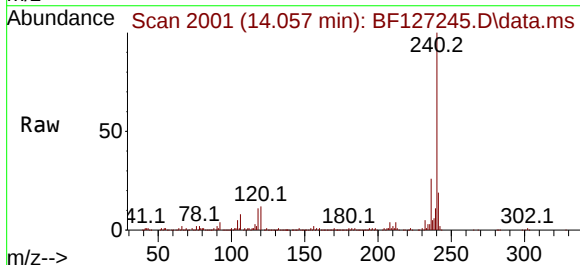
Instrument :
BNA_F
ClientSampleId :
MW-38DL

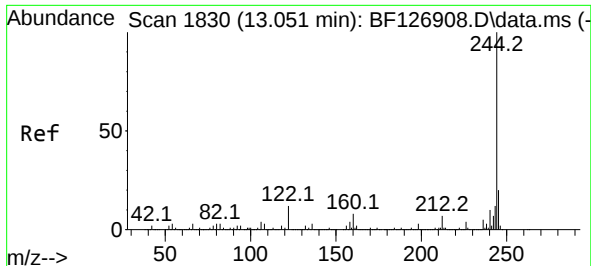
Tgt Ion:248 Resp: 7944
Ion Ratio Lower Upper
248 100
250 198.0 76.2 114.4#
141 477.1 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127245.D
Acq: 08 Mar 2022 03:16

Tgt Ion:240 Resp: 159884
Ion Ratio Lower Upper
240 100
120 11.6 14.4 21.6#
236 25.6 20.5 30.7

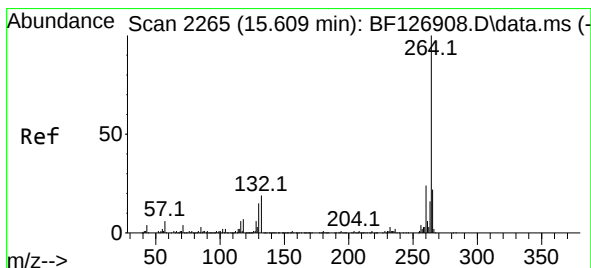
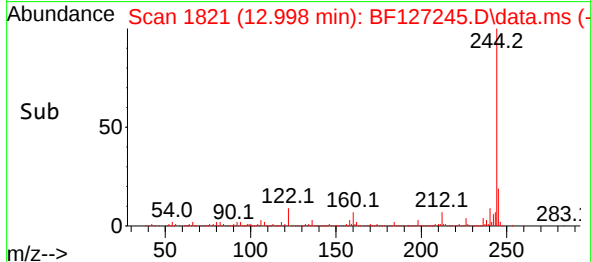
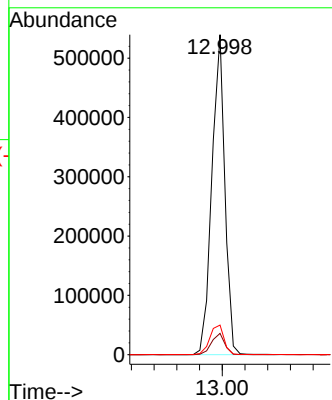
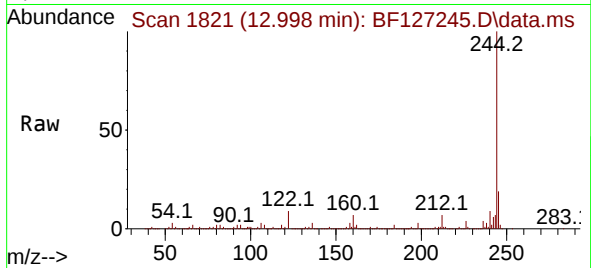




#79
 Terphenyl-d14
 Concen: 39.229 ng
 RT: 12.998 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: BF127245.D
 Acq: 08 Mar 2022 03:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-38DL

Tgt Ion:244 Resp: 426656
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 9.3 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2255
 Delta R.T. 0.006 min
 Lab File: BF127245.D
 Acq: 08 Mar 2022 03:16

Tgt Ion:264 Resp: 161234
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.2 17.4 26.2

