

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040422\
 Data File : BF127636.D
 Acq On : 04 Apr 2022 17:10
 Operator : CG\JU
 Sample : N2249-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6D

Quant Time: Apr 04 17:53:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

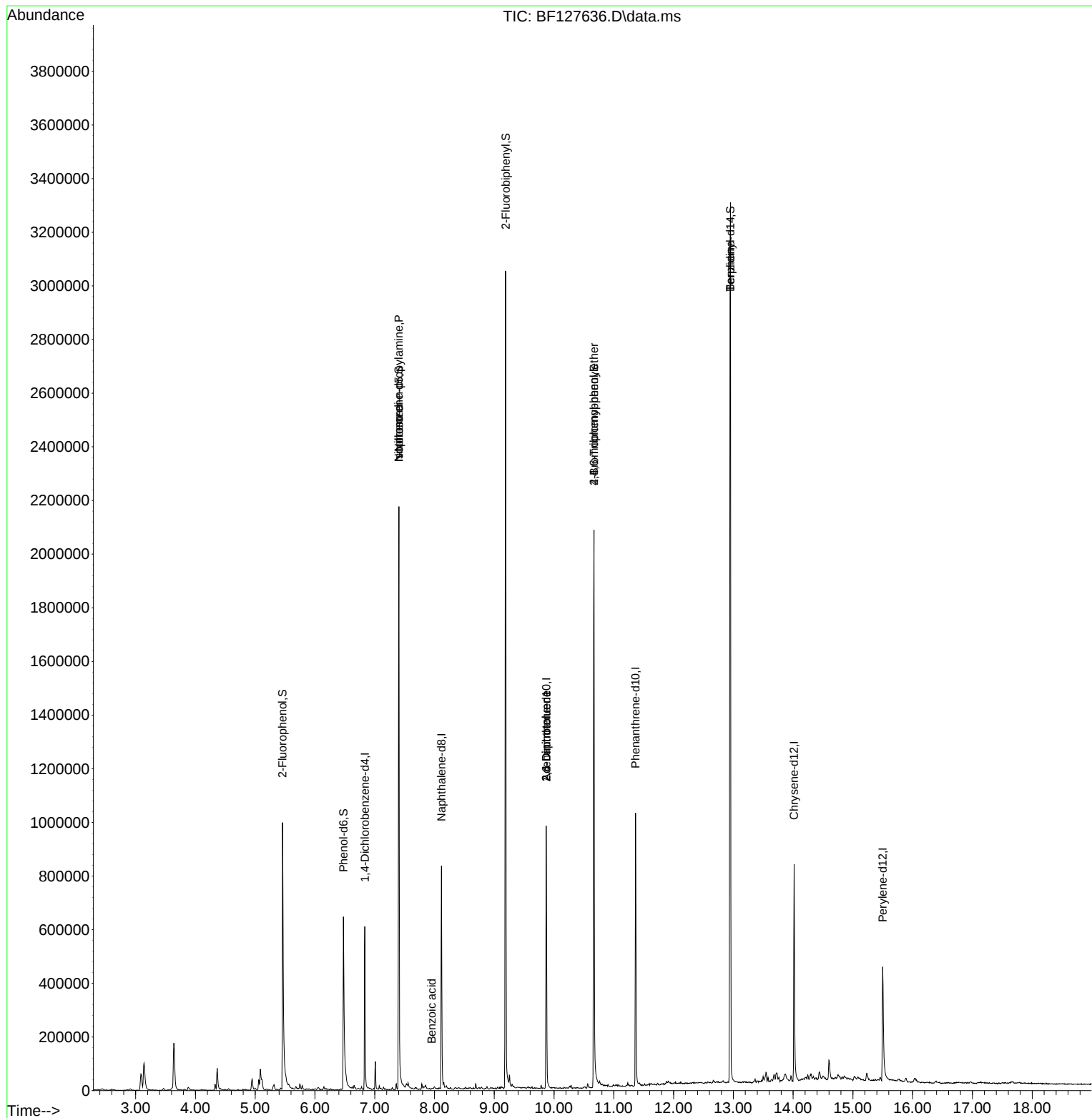
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	91121	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	333568	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	193060	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	359396	20.000	ng	# 0.00
76) Chrysene-d12	14.016	240	295862	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	228274	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	326996	57.282	ng	0.00
7) Phenol-d6	6.475	99	281887	36.125	ng	0.00
23) Nitrobenzene-d5	7.404	82	661153	84.725	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	252376	122.716	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1034759	78.265	ng	0.00
79) Terphenyl-d14	12.951	244	1275114	70.553	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.440	77	117	Below Cal	#	2
19) n-Nitroso-di-n-propyla...	7.404	70	90255	19.296	ng	# 80
25) Isophorone	7.404	82	661146	53.195	ng	# 70
32) Benzoic acid	7.951	122	504	6.206	ng	# 19
51) 2,6-Dinitrotoluene	9.869	165	24592	8.723	ng	# 17
55) Dibenzofuran	10.198	168	66	Below Cal	#	45
57) 2,4-Dinitrotoluene	9.869	165	24592	6.777	ng	# 13
58) Fluorene	10.669	166	10458	Below Cal	#	93
67) 4-Bromophenyl-phenylether	10.669	248	16949	4.039	ng	# 1
77) Benzidine	12.951	184	16232	2.301	ng	# 93

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

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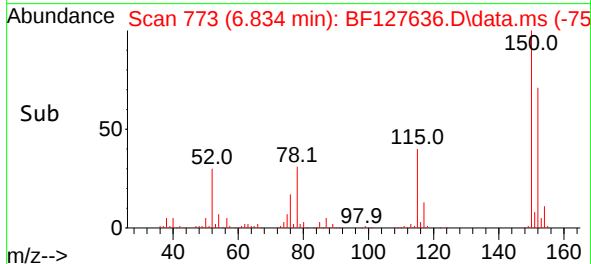
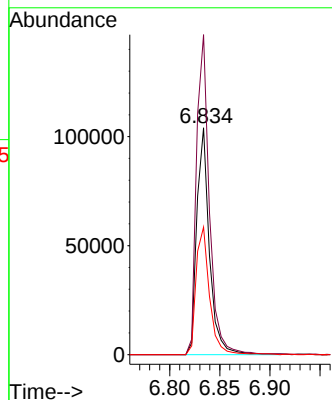
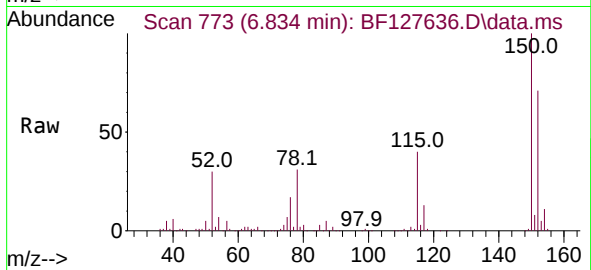




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127636.D
Acq: 04 Apr 2022 17:10

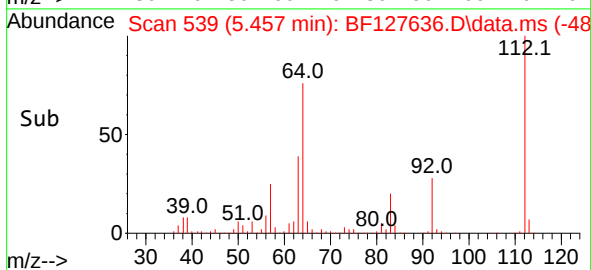
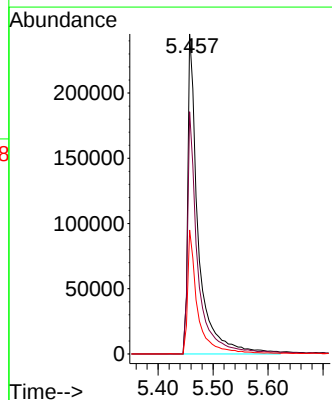
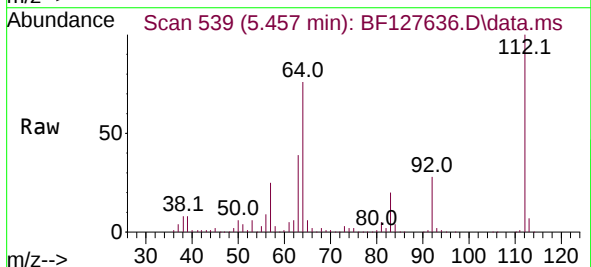
Instrument :
BNA_F
ClientSampleId :
MW-6D

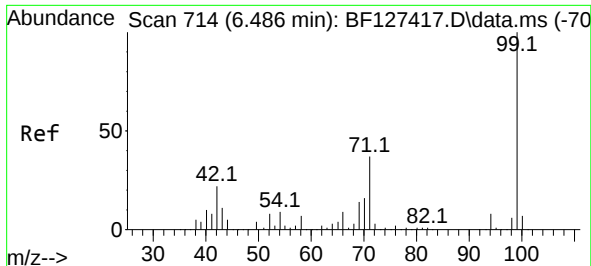
Tgt Ion:152 Resp: 91121
Ion Ratio Lower Upper
152 100
150 141.0 117.2 175.8
115 56.2 49.8 74.6



#5
2-Fluorophenol
Concen: 57.282 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.000 min
Lab File: BF127636.D
Acq: 04 Apr 2022 17:10

Tgt Ion:112 Resp: 326996
Ion Ratio Lower Upper
112 100
64 75.7 58.4 87.6
63 38.7 30.1 45.1





#7

Phenol-d6

Concen: 36.125 ng

RT: 6.475 min Scan# 714

Delta R.T. -0.006 min

Lab File: BF127636.D

Acq: 04 Apr 2022 17:10

Instrument :

BNA_F

ClientSampleId :

MW-6D

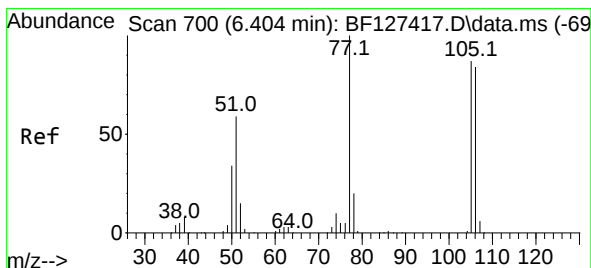
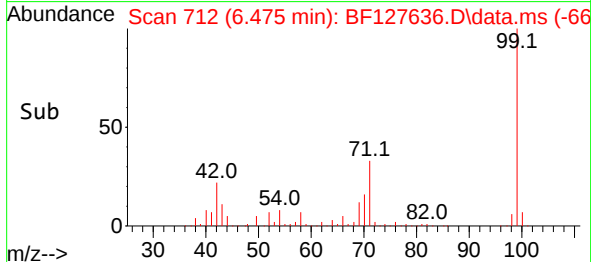
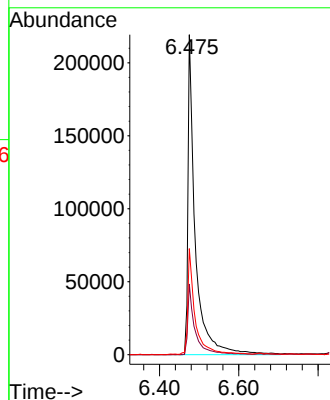
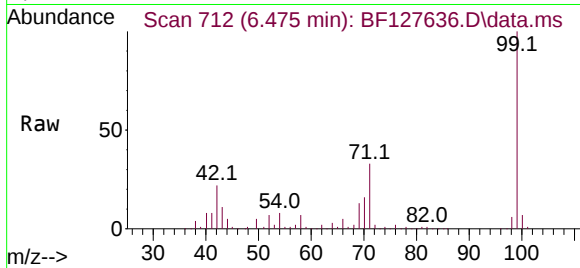
Tgt Ion: 99 Resp: 281887

Ion Ratio Lower Upper

99 100

42 22.1 17.8 26.6

71 33.2 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.440 min Scan# 706

Delta R.T. 0.047 min

Lab File: BF127636.D

Acq: 04 Apr 2022 17:10

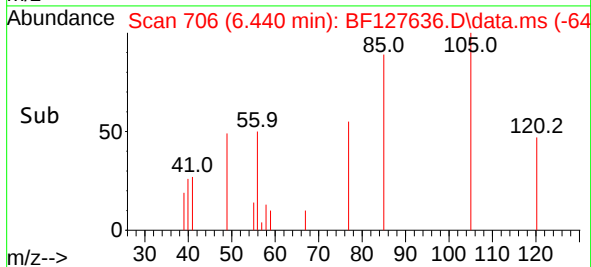
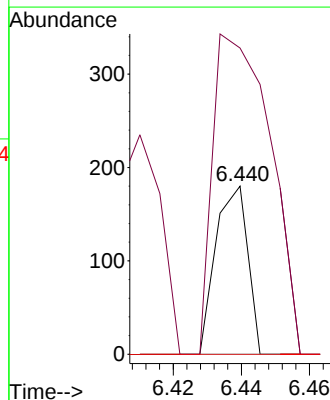
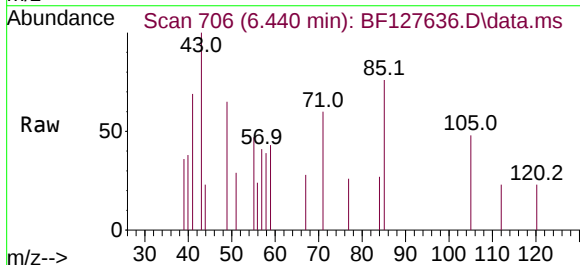
Tgt Ion: 77 Resp: 117

Ion Ratio Lower Upper

77 100

105 182.2 66.8 106.8#

106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 19.296 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127636.D

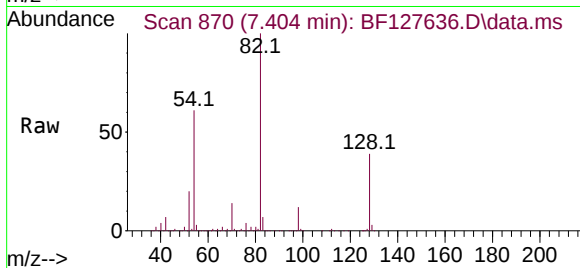
Acq: 04 Apr 2022 17:10

Instrument :

BNA_F

ClientSampleId :

MW-6D



Tgt Ion: 70 Resp: 90255

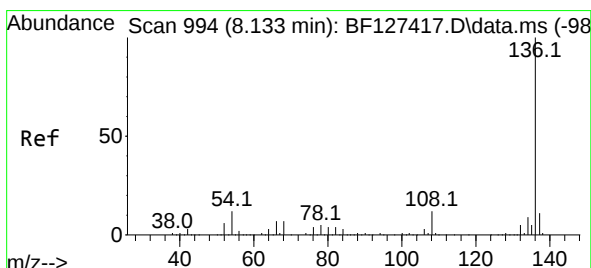
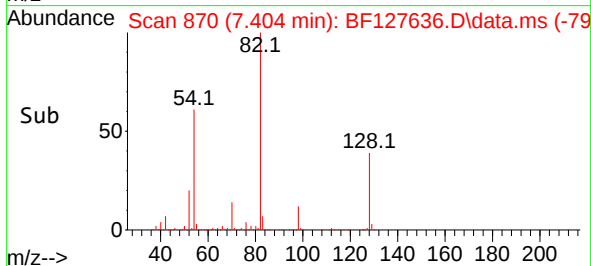
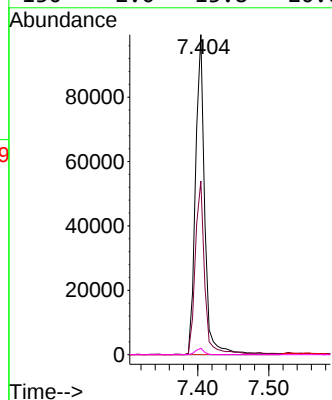
Ion Ratio Lower Upper

70 100

42 54.2 53.0 79.6

101 0.0 6.8 10.2#

130 2.0 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF127636.D

Acq: 04 Apr 2022 17:10

Tgt Ion: 136 Resp: 333568

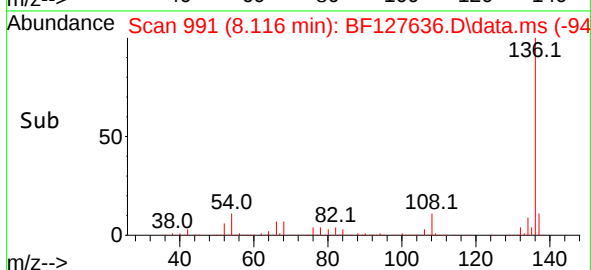
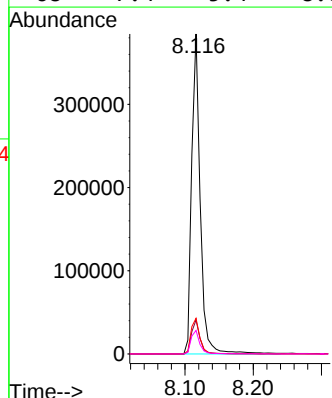
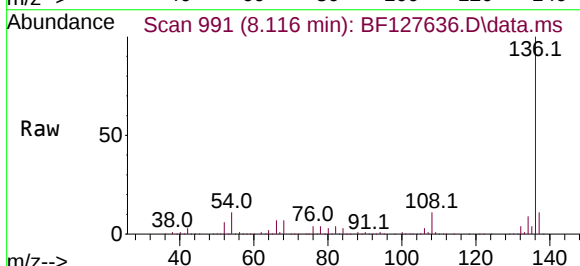
Ion Ratio Lower Upper

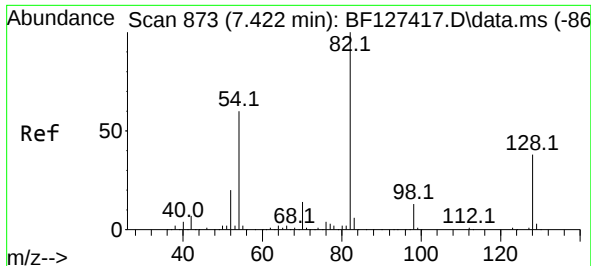
136 100

137 10.6 8.6 13.0

54 11.2 9.2 13.8

68 7.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 84.725 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127636.D

Acq: 04 Apr 2022 17:10

Instrument :

BNA_F

ClientSampleId :

MW-6D

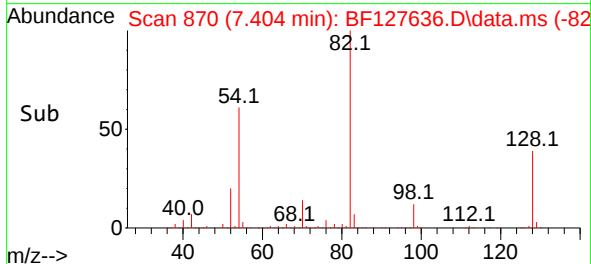
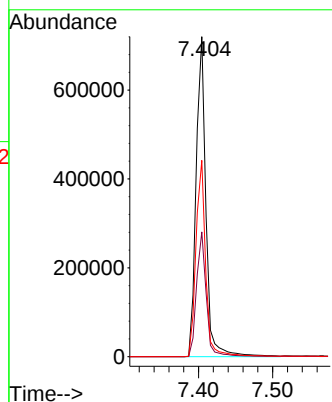
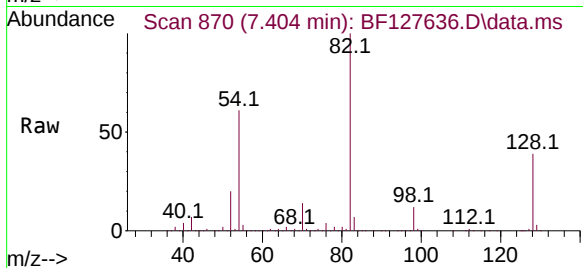
Tgt Ion: 82 Resp: 661153

Ion Ratio Lower Upper

82 100

128 39.0 30.6 45.8

54 61.3 48.2 72.2



#25

Isophorone

Concen: 53.195 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.259 min

Lab File: BF127636.D

Acq: 04 Apr 2022 17:10

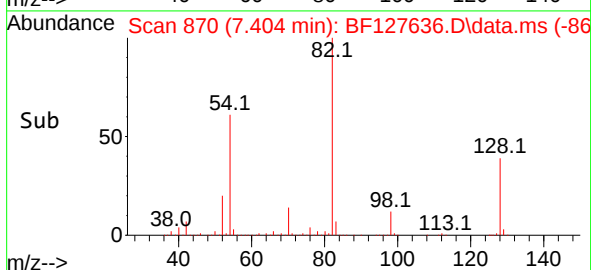
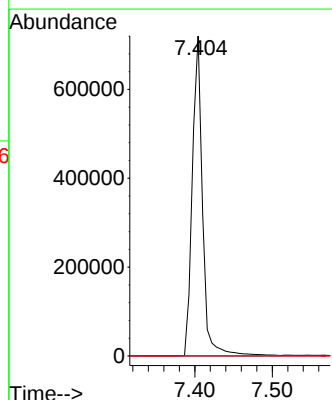
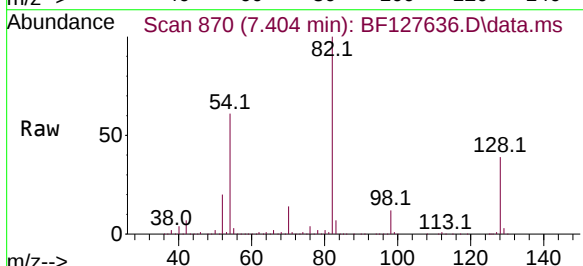
Tgt Ion: 82 Resp: 661146

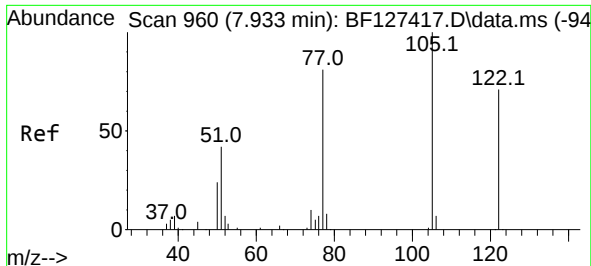
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

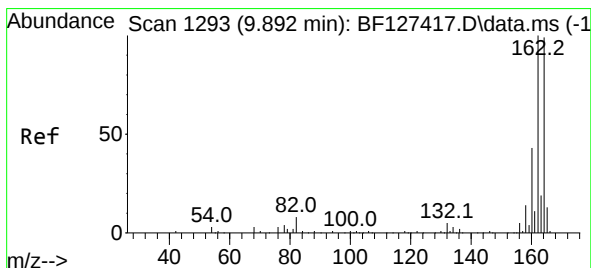
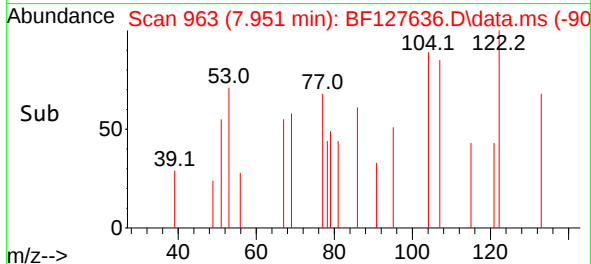
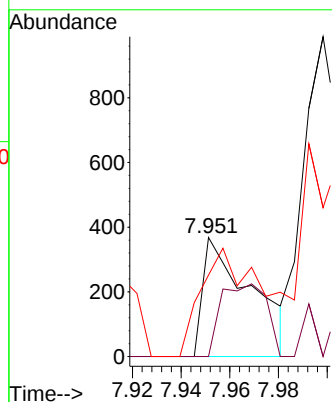
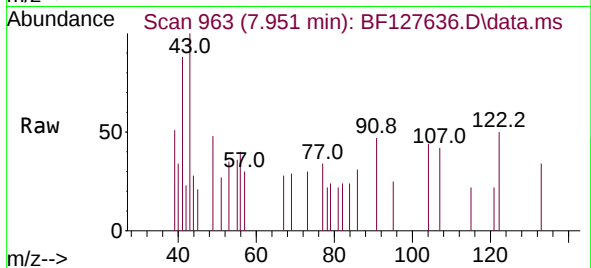




#32
Benzoic acid
Concen: 6.206 ng
RT: 7.951 min Scan# 90
Delta R.T. 0.024 min
Lab File: BF127636.D
Acq: 04 Apr 2022 17:10

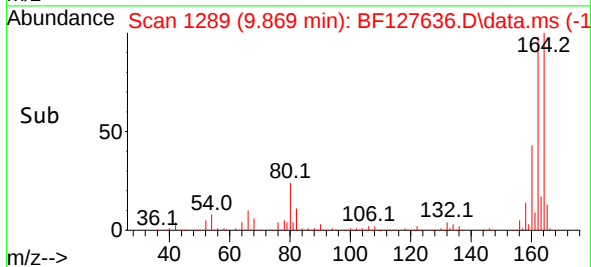
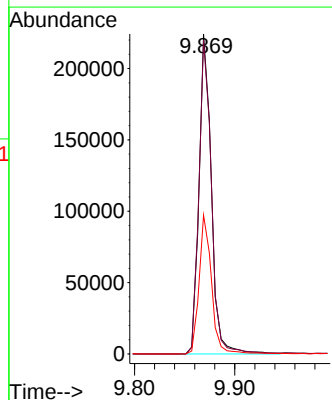
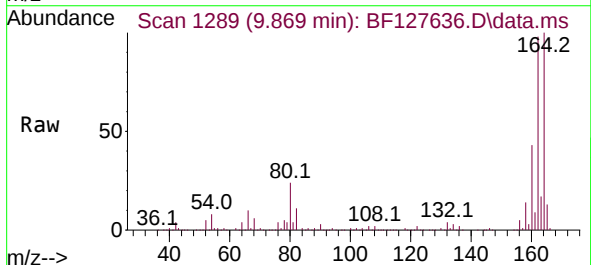
Instrument :
BNA_F
ClientSampleId :
MW-6D

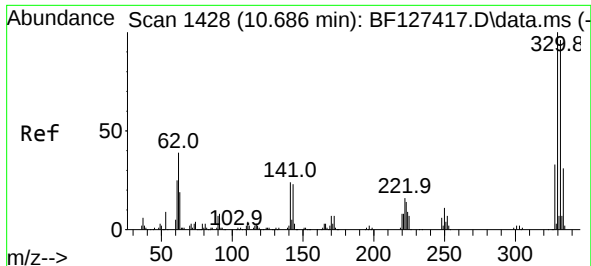
Tgt Ion:122 Resp: 504
Ion Ratio Lower Upper
122 100
105 0.0 117.1 157.1#
77 68.5 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127636.D
Acq: 04 Apr 2022 17:10

Tgt Ion:164 Resp: 193060
Ion Ratio Lower Upper
164 100
162 98.1 81.2 121.8
160 43.4 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 122.716 ng

RT: 10.669 min Scan# 1428

Delta R.T. 0.000 min

Lab File: BF127636.D

Acq: 04 Apr 2022 17:10

Instrument :

BNA_F

ClientSampleId :

MW-6D

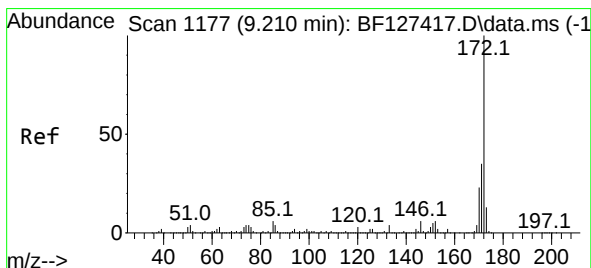
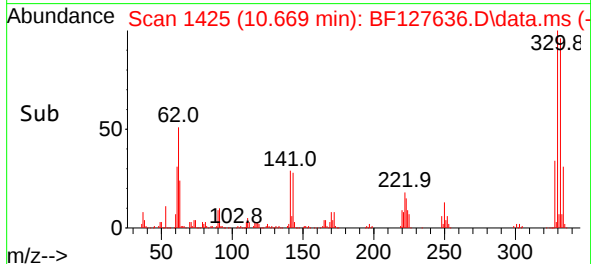
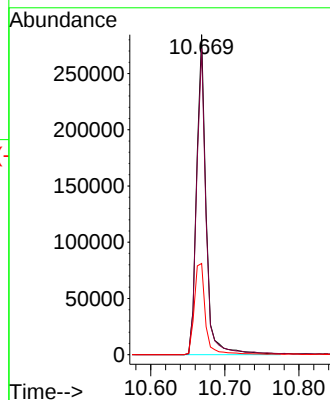
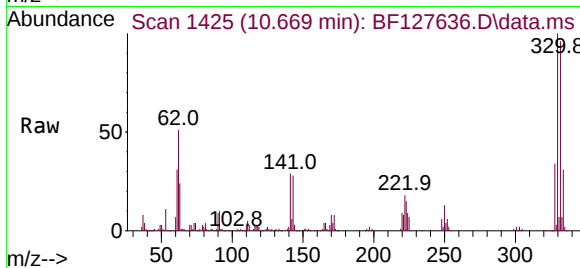
Tgt Ion:330 Resp: 252376

Ion Ratio Lower Upper

330 100

332 96.8 79.1 118.7

141 33.8 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 78.265 ng

RT: 9.192 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF127636.D

Acq: 04 Apr 2022 17:10

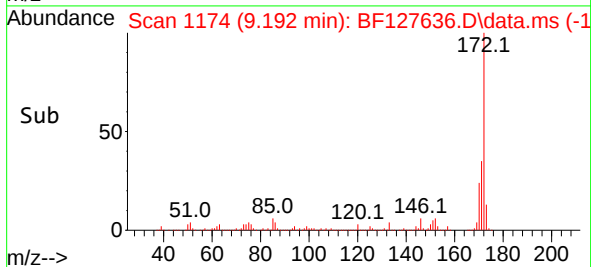
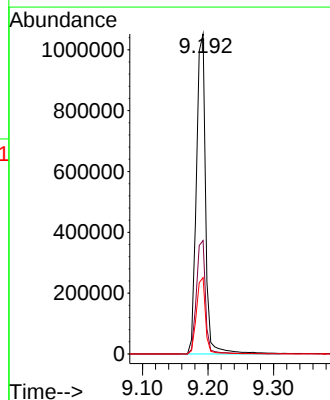
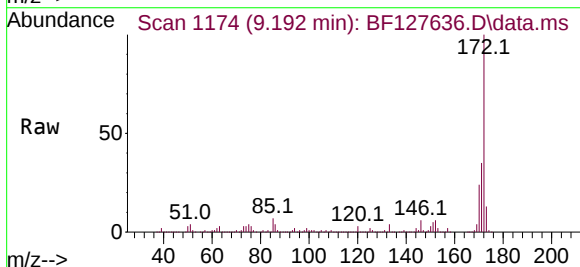
Tgt Ion:172 Resp: 1034759

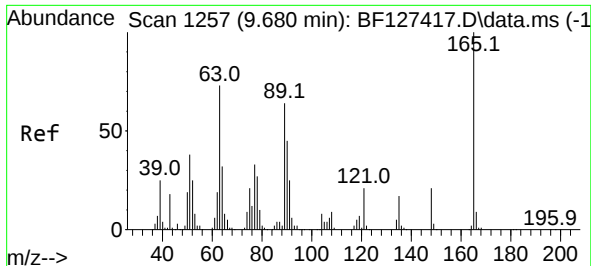
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.8 18.6 27.8

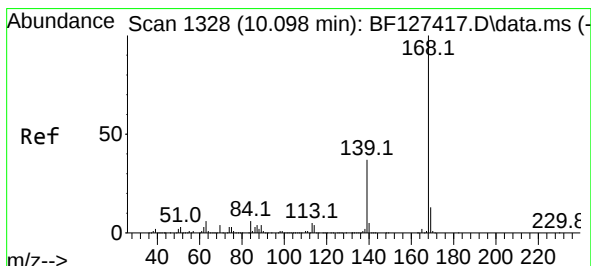
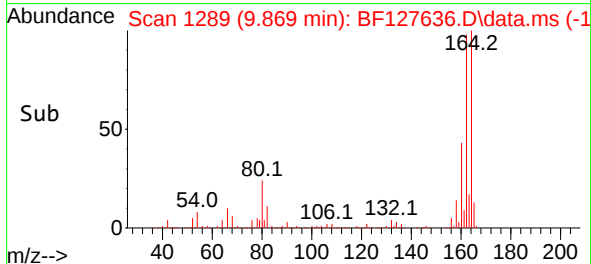
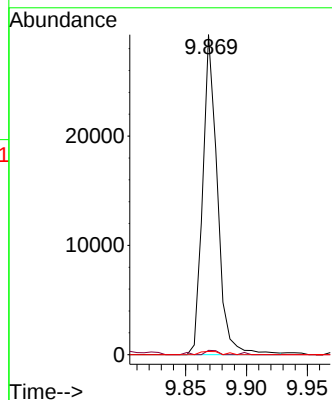
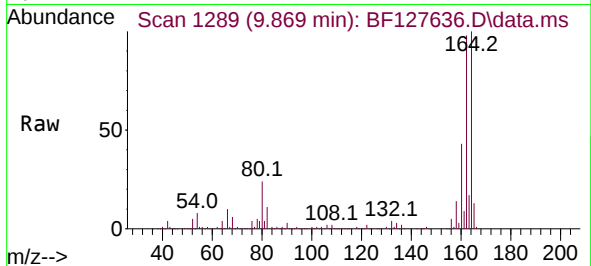




#51
2,6-Dinitrotoluene
Concen: 8.723 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF127636.D
Acq: 04 Apr 2022 17:10

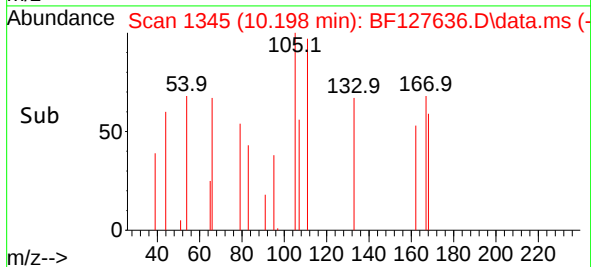
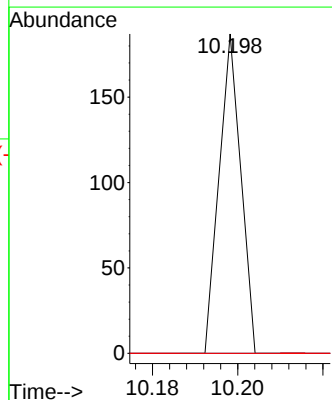
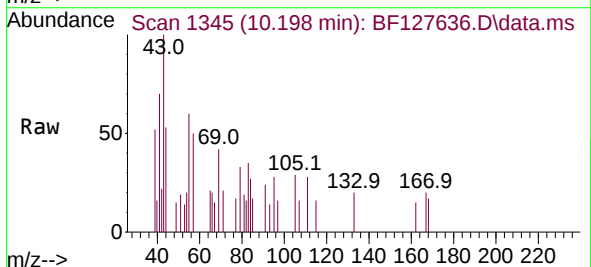
Instrument :
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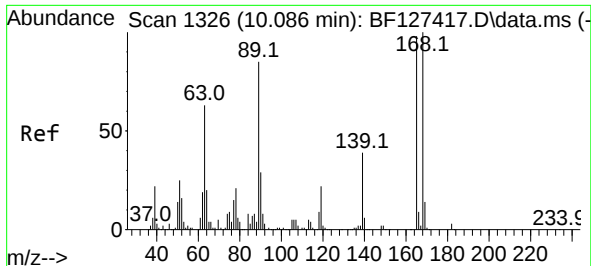
Tgt Ion:165 Resp: 24592
Ion Ratio Lower Upper
165 100
63 1.3 58.3 87.5#
89 1.0 51.5 77.3#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.198 min Scan# 1345
Delta R.T. 0.118 min
Lab File: BF127636.D
Acq: 04 Apr 2022 17:10

Tgt Ion:168 Resp: 66
Ion Ratio Lower Upper
168 100
139 0.0 30.3 45.5#
169 0.0 10.8 16.2#

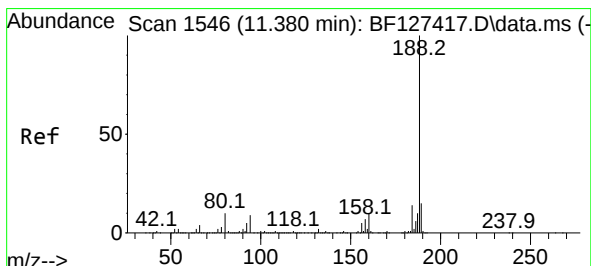
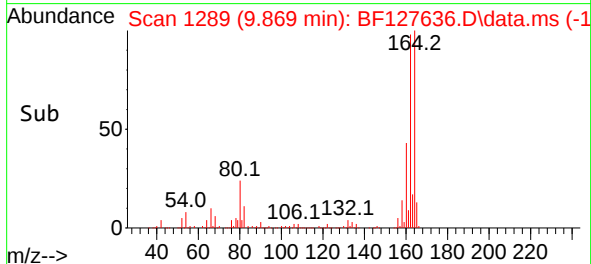
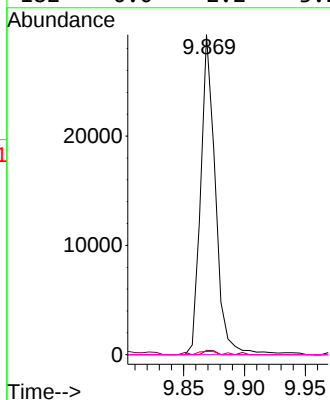
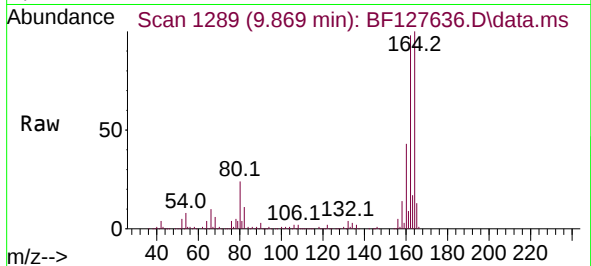




#57
2,4-Dinitrotoluene
Concen: 6.777 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127636.D
Acq: 04 Apr 2022 17:10

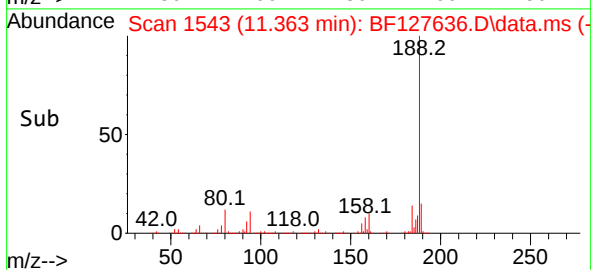
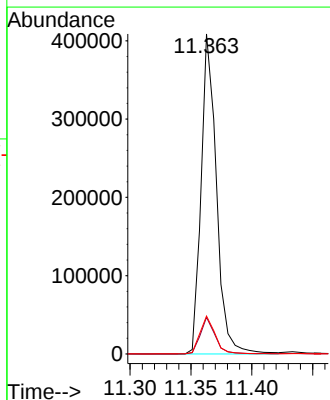
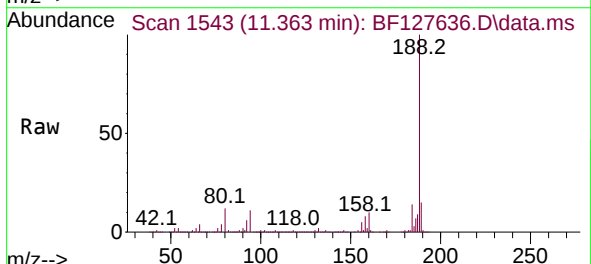
Instrument :
BNA_F
ClientSampleId :
MW-6D

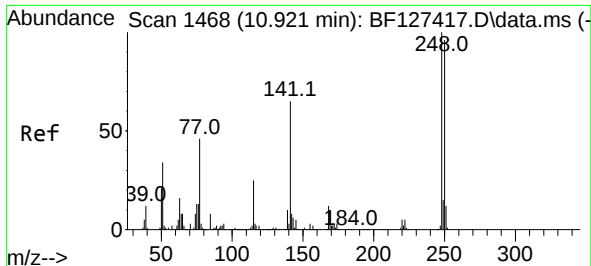
Tgt Ion:165 Resp: 24592
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 1.0 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127636.D
Acq: 04 Apr 2022 17:10

Tgt Ion:188 Resp: 359396
Ion Ratio Lower Upper
188 100
94 11.5 7.4 11.0#
80 11.8 8.0 12.0

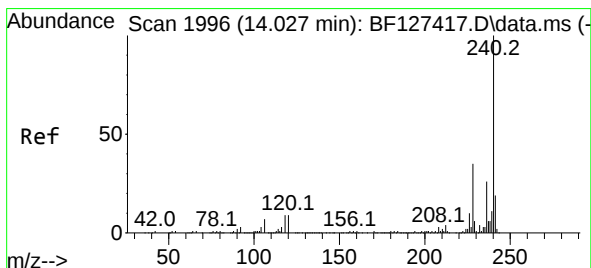
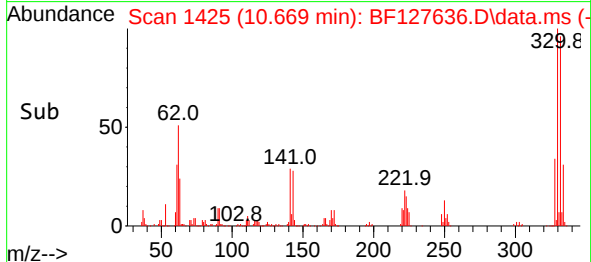
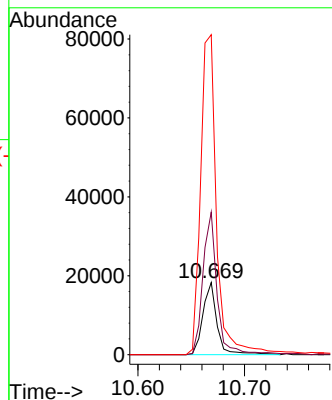
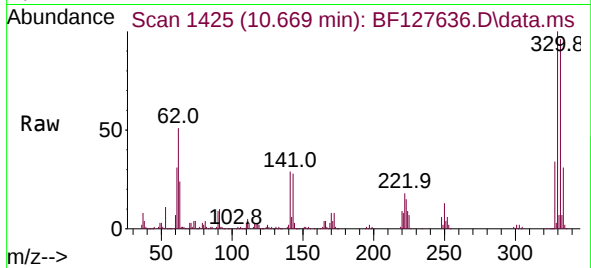




#67
4-Bromophenyl-phenylether
Concen: 4.039 ng
RT: 10.669 min Scan# 1468
Delta R.T. -0.235 min
Lab File: BF127636.D
Acq: 04 Apr 2022 17:10

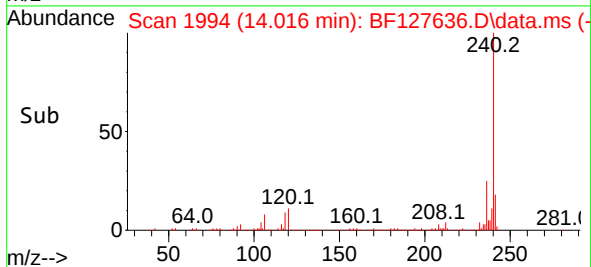
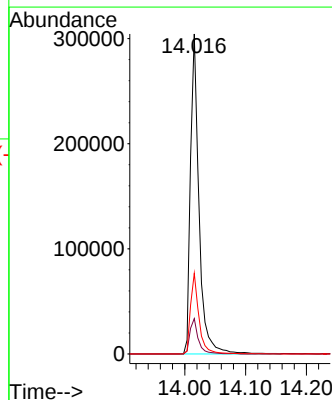
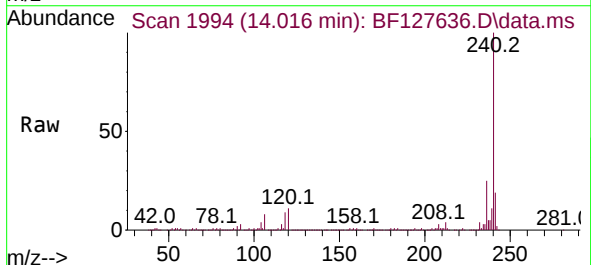
Instrument :
BNA_F
ClientSampleId :
MW-6D

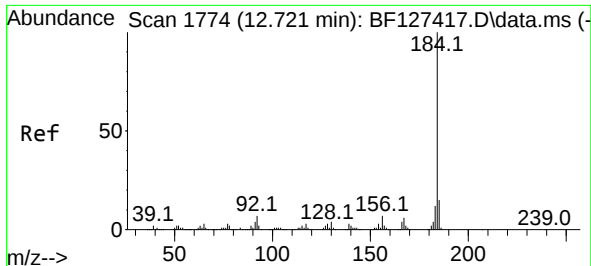
Tgt Ion:248 Resp: 16949
Ion Ratio Lower Upper
248 100
250 197.6 76.6 115.0#
141 443.3 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127636.D
Acq: 04 Apr 2022 17:10

Tgt Ion:240 Resp: 295862
Ion Ratio Lower Upper
240 100
120 11.0 7.1 10.7#
236 25.2 20.7 31.1

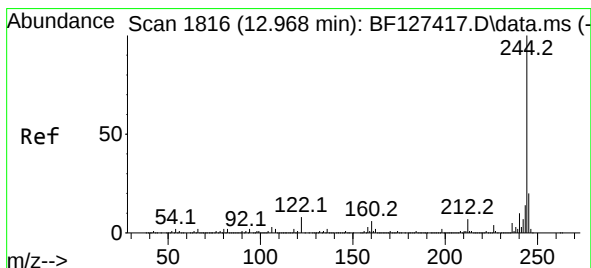
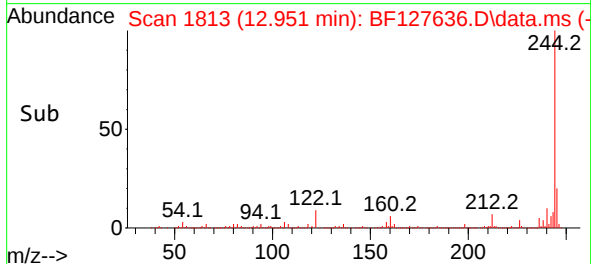
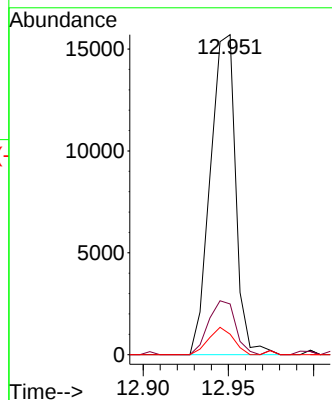
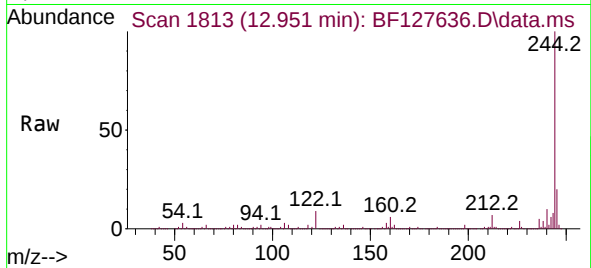




#77
Benzidine
Concen: 2.301 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF127636.D
Acq: 04 Apr 2022 17:10

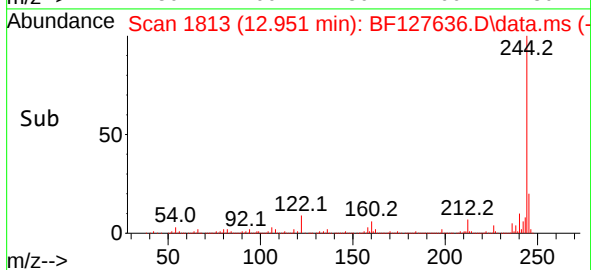
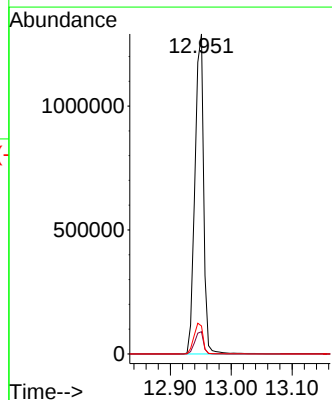
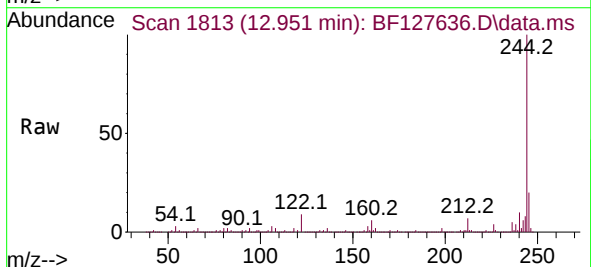
Instrument :
BNA_F
ClientSampleId :
MW-6D

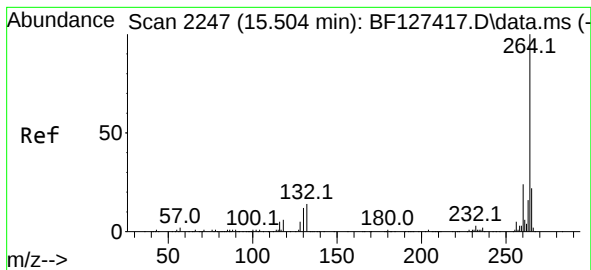
Tgt Ion:184 Resp: 16232
Ion Ratio Lower Upper
184 100
185 15.8 12.2 18.2
183 6.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 70.553 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127636.D
Acq: 04 Apr 2022 17:10

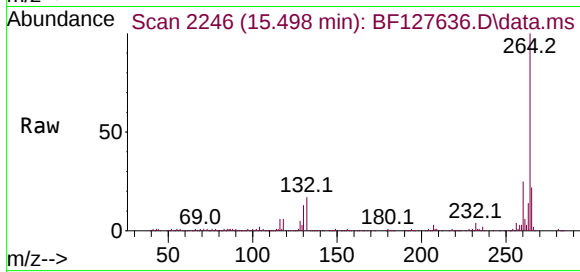
Tgt Ion:244 Resp: 1275114
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 8.8 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127636.D
Acq: 04 Apr 2022 17:10

Instrument :
BNA_F
ClientSampleId :
MW-6D



Tgt Ion:264 Resp: 228274
Ion Ratio Lower Upper
264 100
260 25.2 19.1 28.7
265 21.5 17.4 26.2

