

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
 Data File : BF127502.D
 Acq On : 24 Mar 2022 14:57
 Operator : CG\JU
 Sample : N2062-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Mar 24 15:22:17 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 22 02:16:33 2022
 Response via : Initial Calibration

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

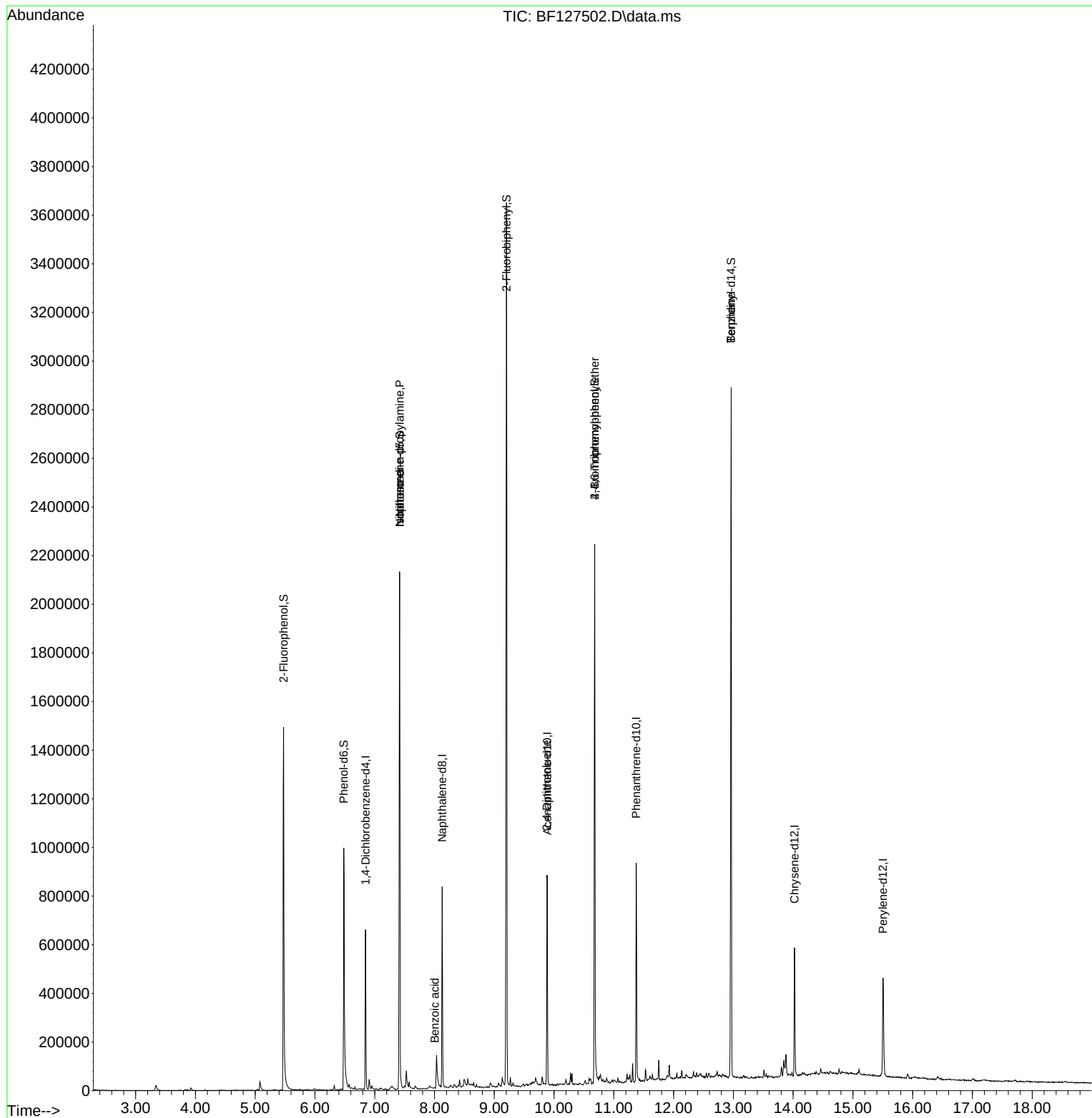
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	86700	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	313020	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	180179	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	305561	20.000	ng	0.00
76) Chrysene-d12	14.022	240	182874	20.000	ng	0.00
86) Perylene-d12	15.504	264	192345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	392591	72.279	ng	0.00
7) Phenol-d6	6.481	99	344525	46.404	ng	0.00
23) Nitrobenzene-d5	7.416	82	699299	95.496	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	259349	135.122	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1156477	93.725	ng	0.00
79) Terphenyl-d14	12.963	244	974693	87.251	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	749	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	95653	21.493	ng	# 80
25) Isophorone	7.416	82	699291	59.957	ng	# 70
32) Benzoic acid	8.004	122	67	6.065	ng	# 30
55) Dibenzofuran	10.092	168	351	Below Cal	#	57
57) 2,4-Dinitrotoluene	9.881	165	22927	6.770	ng	# 14
58) Fluorene	10.434	166	484	Below Cal	#	94
67) 4-Bromophenyl-phenylether	10.681	248	16656	4.669	ng	# 1
77) Benzidine	12.963	184	12528	2.873	ng	# 96

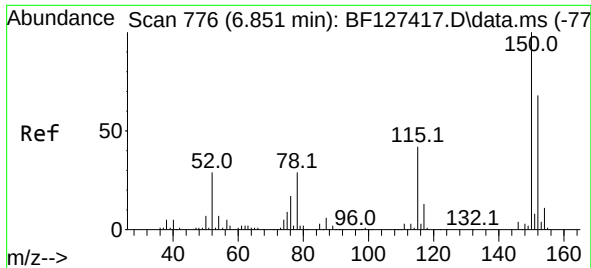
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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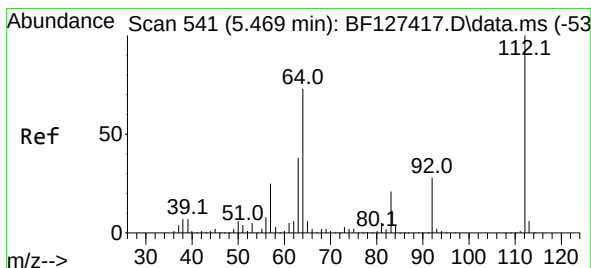
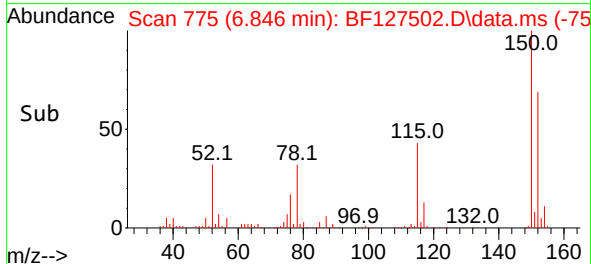
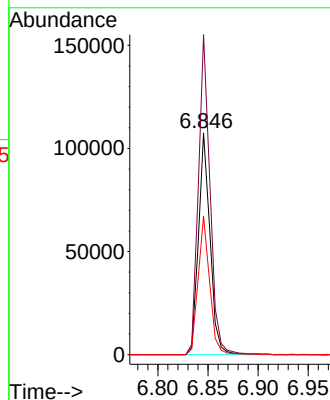
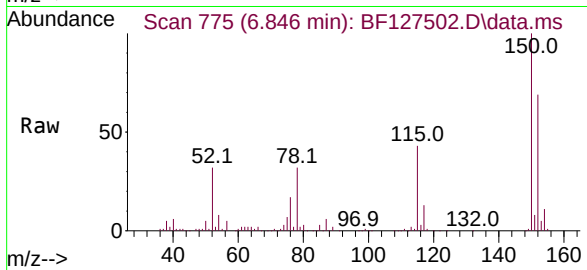




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF127502.D
Acq: 24 Mar 2022 14:57

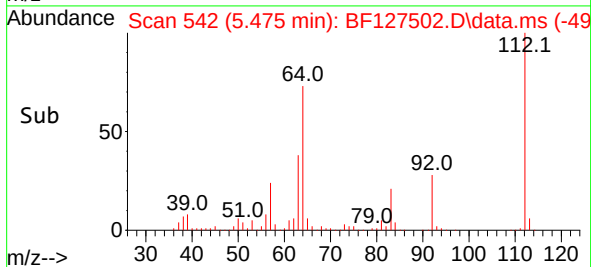
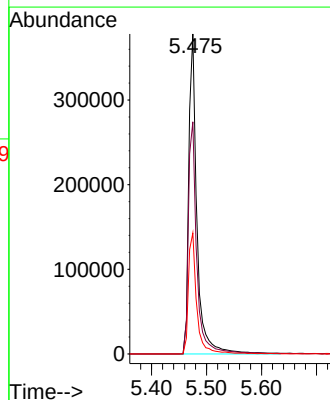
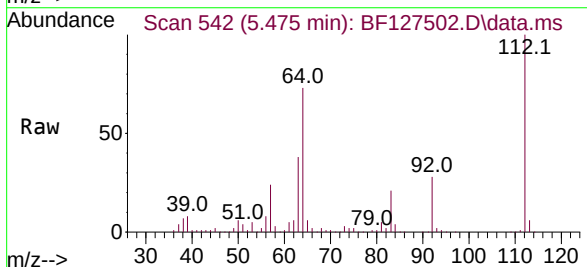
Instrument :
BNA_F
ClientSampleId :
MW-4

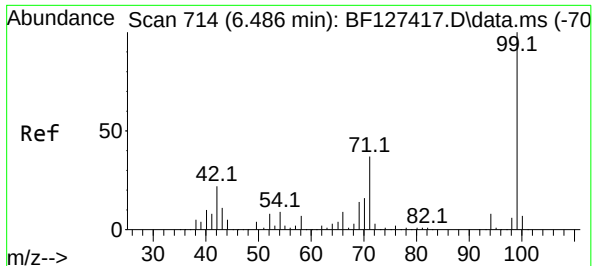
Tgt Ion:152 Resp: 86700
Ion Ratio Lower Upper
152 100
150 144.3 117.2 175.8
115 62.6 49.8 74.6



#5
2-Fluorophenol
Concen: 72.279 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF127502.D
Acq: 24 Mar 2022 14:57

Tgt Ion:112 Resp: 392591
Ion Ratio Lower Upper
112 100
64 72.6 58.4 87.6
63 37.8 30.1 45.1

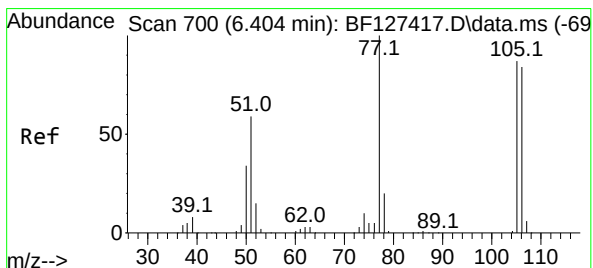
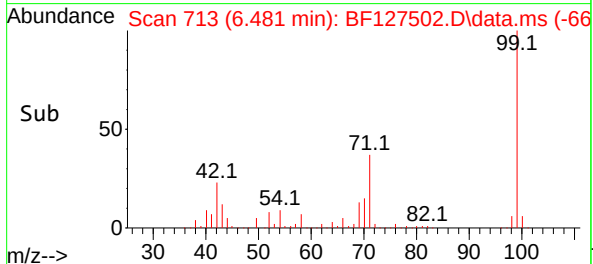
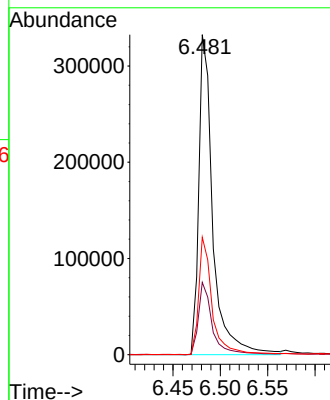
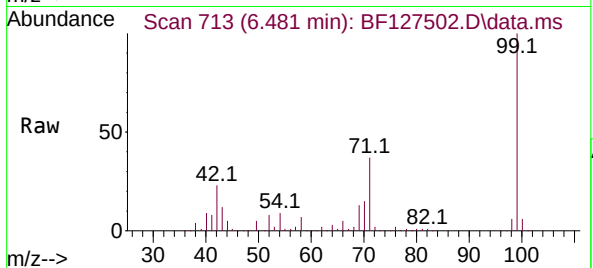




#7
Phenol-d6
Concen: 46.404 ng
RT: 6.481 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127502.D
Acq: 24 Mar 2022 14:57

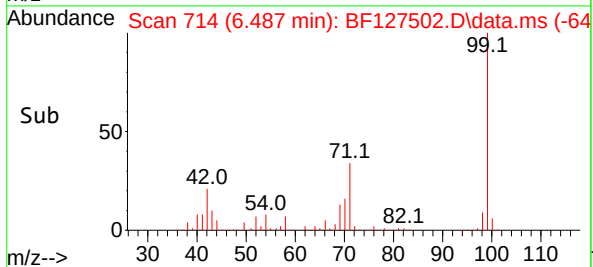
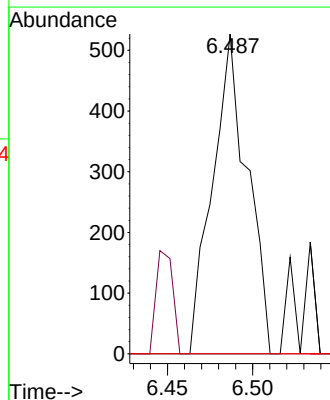
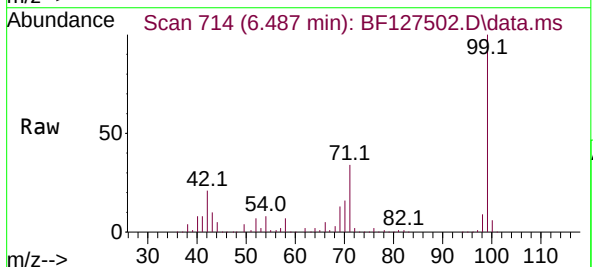
Instrument :
BNA_F
ClientSampleId :
MW-4

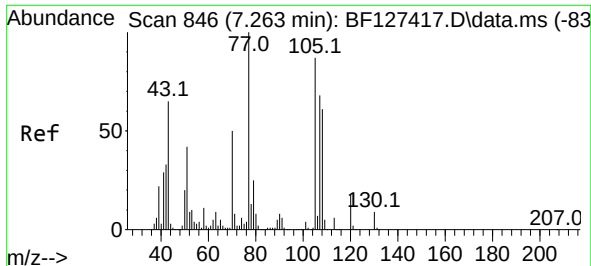
Tgt Ion: 99 Resp: 344525
Ion Ratio Lower Upper
99 100
42 22.6 17.8 26.6
71 36.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.487 min Scan# 714
Delta R.T. 0.083 min
Lab File: BF127502.D
Acq: 24 Mar 2022 14:57

Tgt Ion: 77 Resp: 749
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 21.493 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127502.D

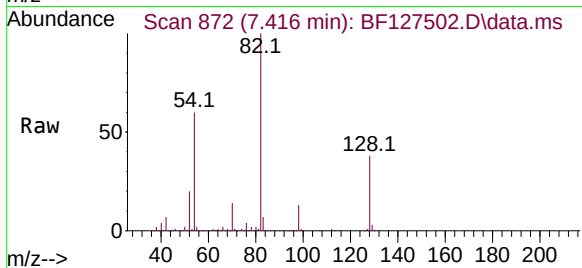
Acq: 24 Mar 2022 14:57

Instrument :

BNA_F

ClientSampleId :

MW-4



Tgt Ion: 70 Resp: 95653

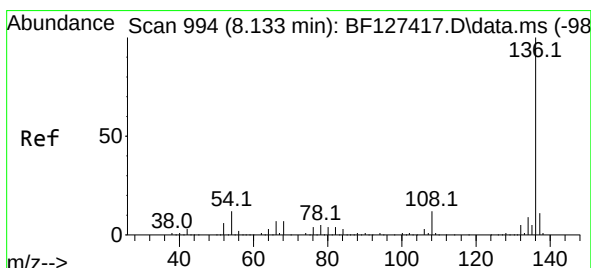
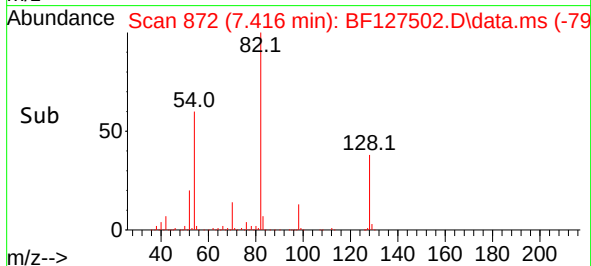
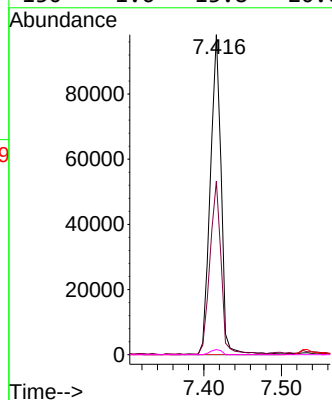
Ion Ratio Lower Upper

70 100

42 54.3 53.0 79.6

101 0.0 6.8 10.2#

130 1.6 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF127502.D

Acq: 24 Mar 2022 14:57

Tgt Ion:136 Resp: 313020

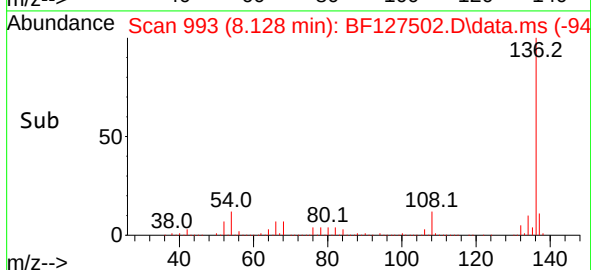
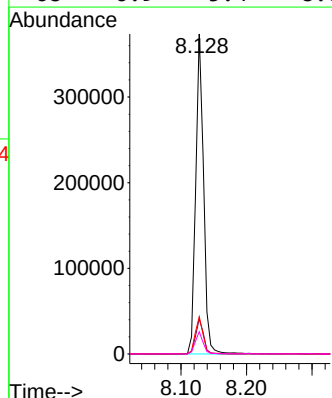
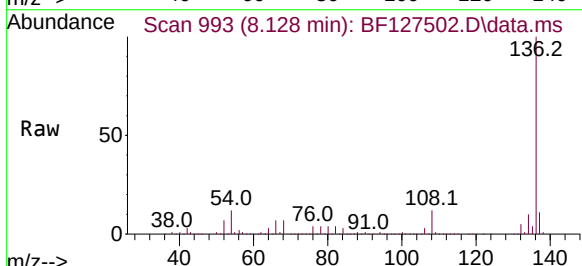
Ion Ratio Lower Upper

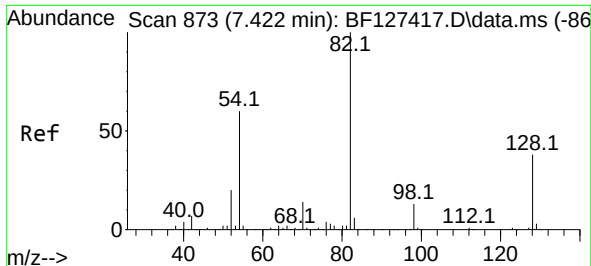
136 100

137 11.0 8.6 13.0

54 11.7 9.2 13.8

68 6.9 5.4 8.0





#23

Nitrobenzene-d5

Concen: 95.496 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127502.D

Acq: 24 Mar 2022 14:57

Instrument :

BNA_F

ClientSampleId :

MW-4

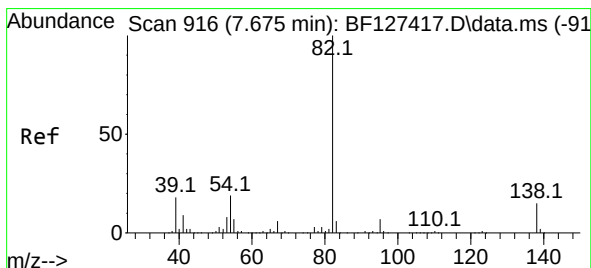
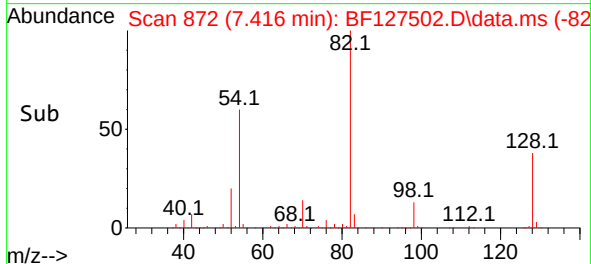
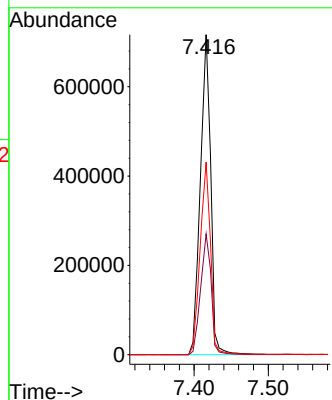
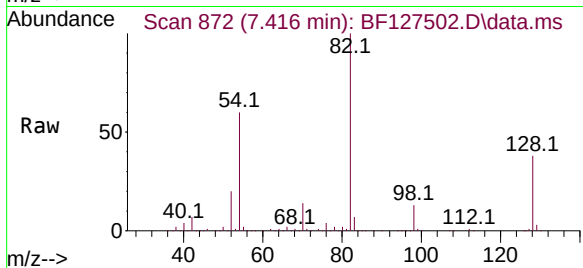
Tgt Ion: 82 Resp: 699299

Ion Ratio Lower Upper

82 100

128 37.7 30.6 45.8

54 60.1 48.2 72.2



#25

Isophorone

Concen: 59.957 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127502.D

Acq: 24 Mar 2022 14:57

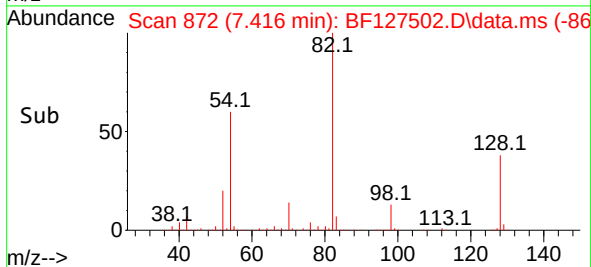
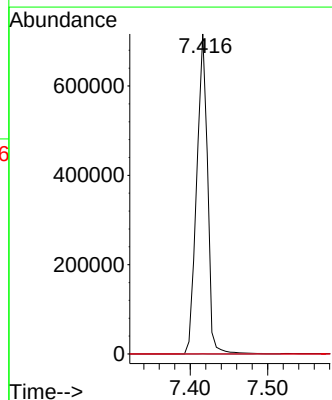
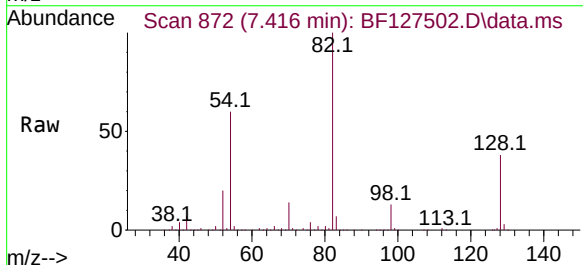
Tgt Ion: 82 Resp: 699291

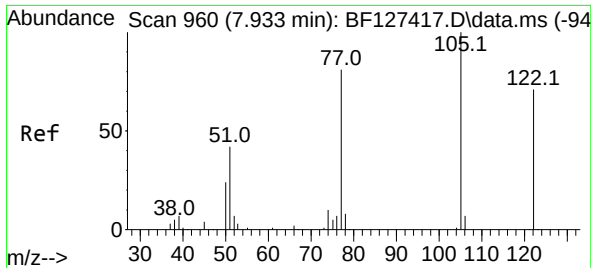
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

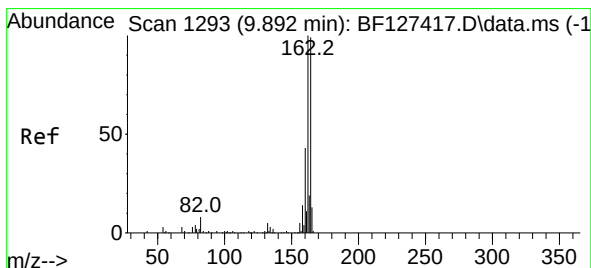
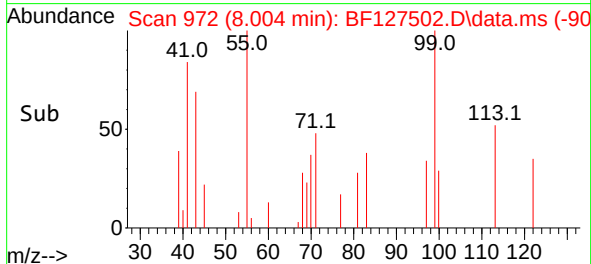
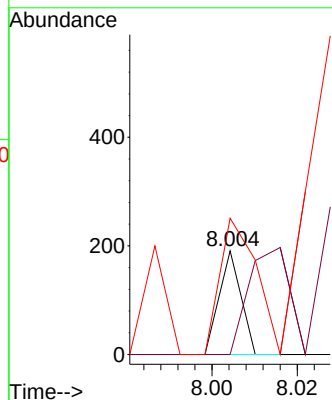
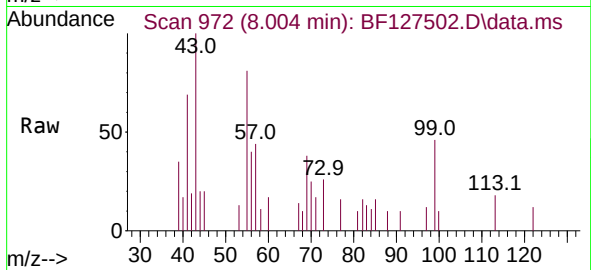




#32
Benzoic acid
Concen: 6.065 ng
RT: 8.004 min Scan# 91
Delta R.T. 0.071 min
Lab File: BF127502.D
Acq: 24 Mar 2022 14:57

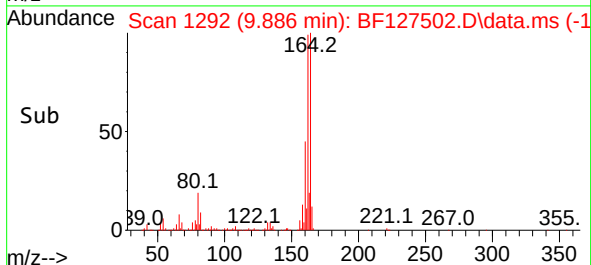
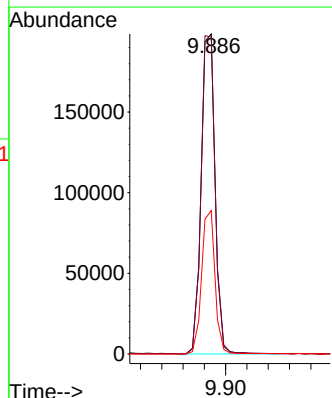
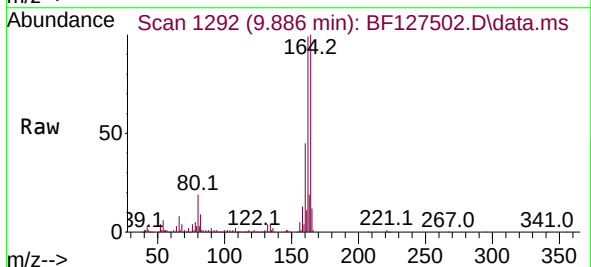
Instrument :
BNA_F
ClientSampleId :
MW-4

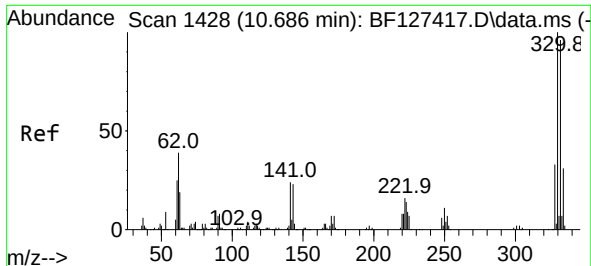
Tgt Ion:122 Resp: 67
Ion Ratio Lower Upper
122 100
105 0.0 117.1 157.1#
77 131.4 93.0 133.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127502.D
Acq: 24 Mar 2022 14:57

Tgt Ion:164 Resp: 180179
Ion Ratio Lower Upper
164 100
162 99.0 81.2 121.8
160 44.8 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 135.122 ng

RT: 10.681 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127502.D

Acq: 24 Mar 2022 14:57

Instrument :

BNA_F

ClientSampleId :

MW-4

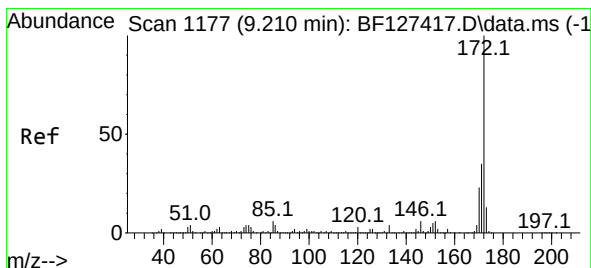
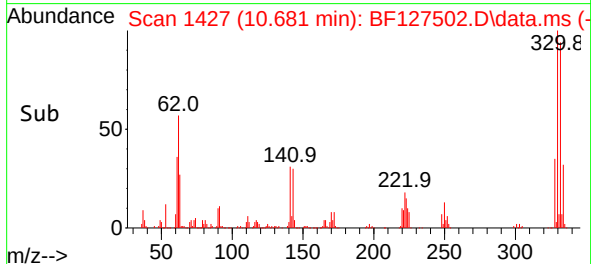
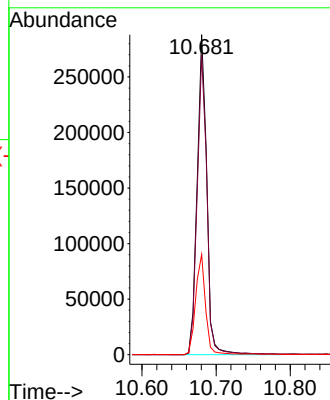
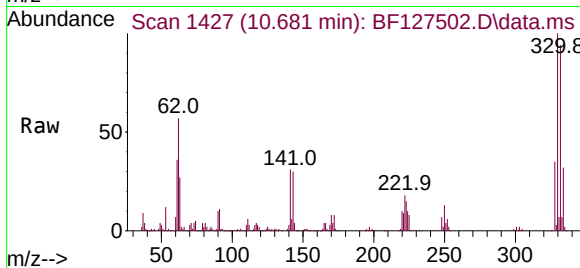
Tgt Ion:330 Resp: 259349

Ion Ratio Lower Upper

330 100

332 94.3 79.1 118.7

141 32.3 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 93.725 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127502.D

Acq: 24 Mar 2022 14:57

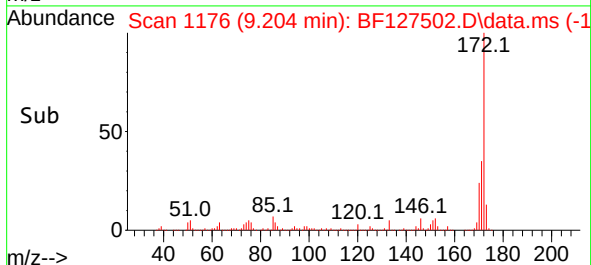
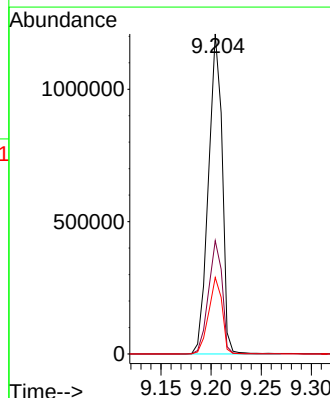
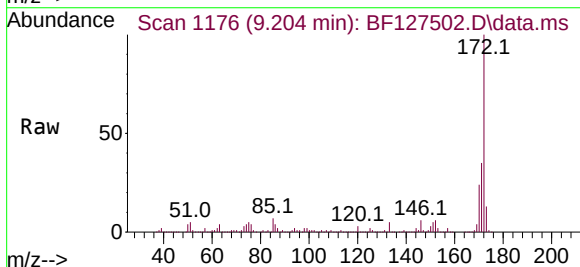
Tgt Ion:172 Resp: 1156477

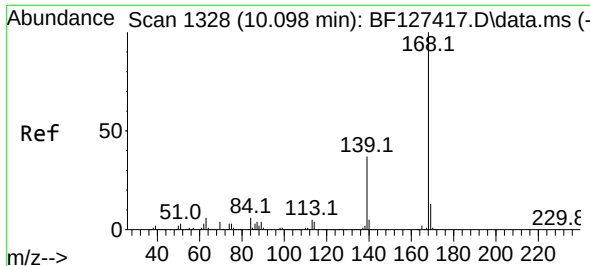
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.9 18.6 27.8

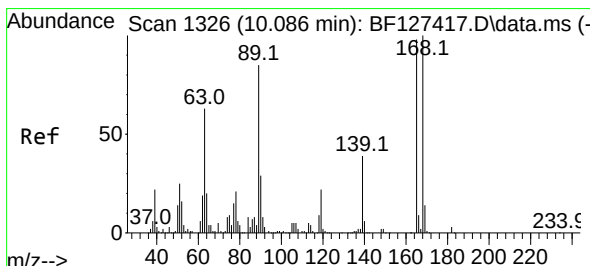
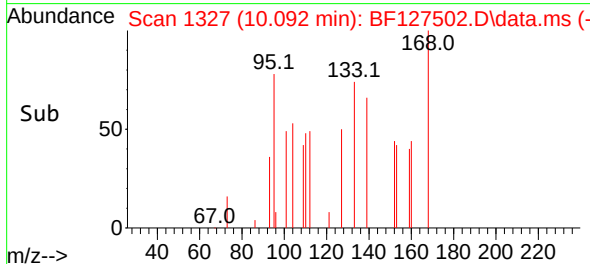
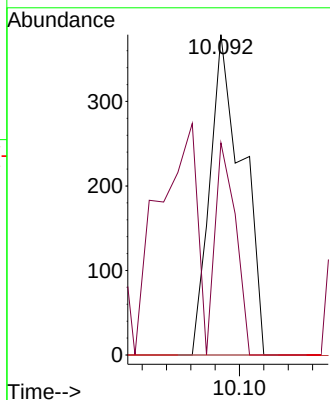
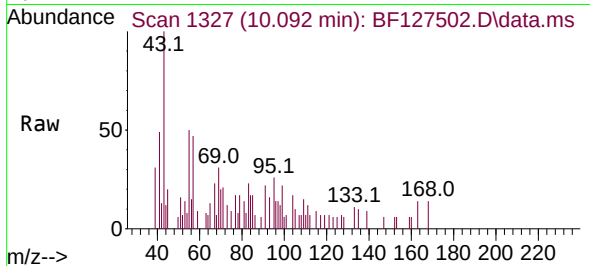




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127502.D
Acq: 24 Mar 2022 14:57

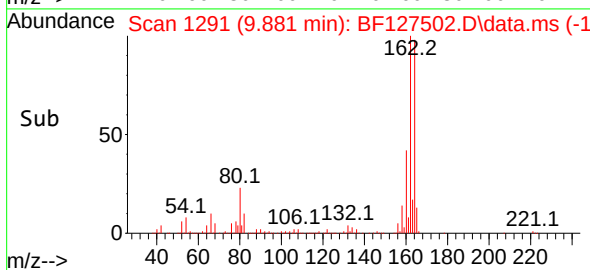
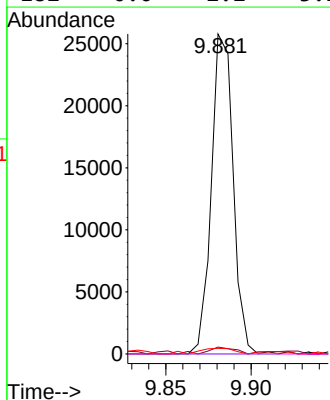
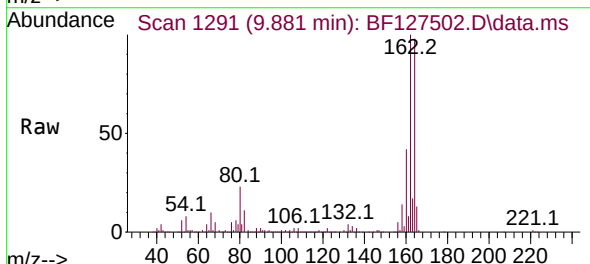
Instrument :
BNA_F
ClientSampleId :
MW-4

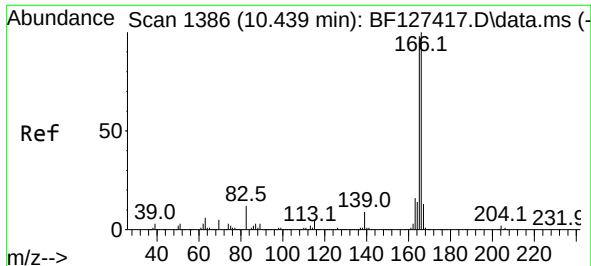
Tgt Ion:168 Resp: 351
Ion Ratio Lower Upper
168 100
139 66.2 30.3 45.5#
169 0.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.770 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.205 min
Lab File: BF127502.D
Acq: 24 Mar 2022 14:57

Tgt Ion:165 Resp: 22927
Ion Ratio Lower Upper
165 100
63 2.2 53.1 79.7#
89 1.8 69.2 103.8#
182 0.0 2.2 3.2#

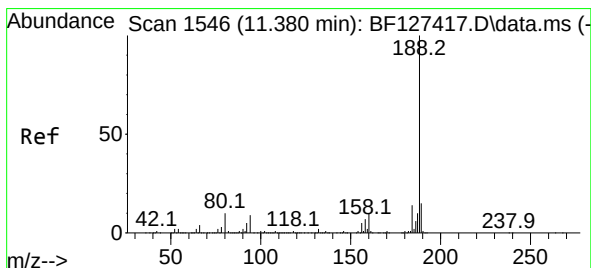
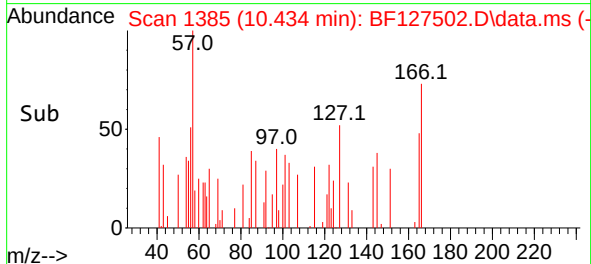
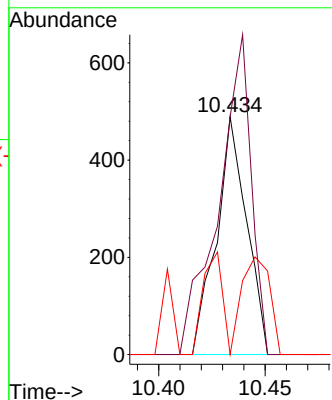
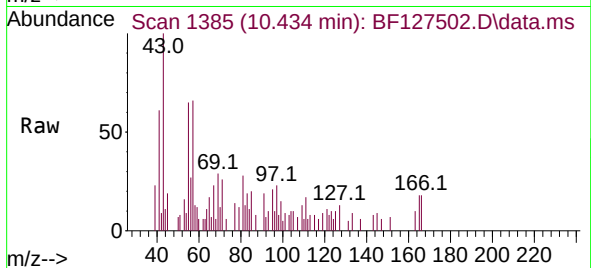




#58
Fluorene
Concen: Below Cal
RT: 10.434 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF127502.D
Acq: 24 Mar 2022 14:57

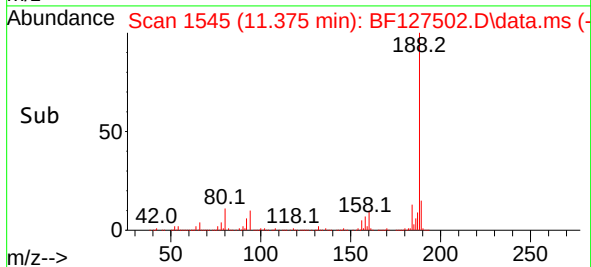
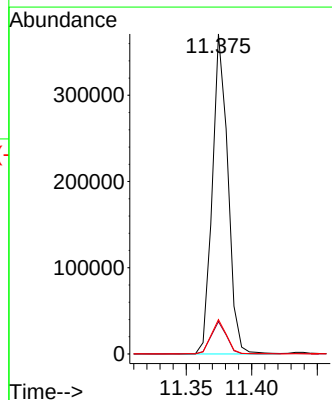
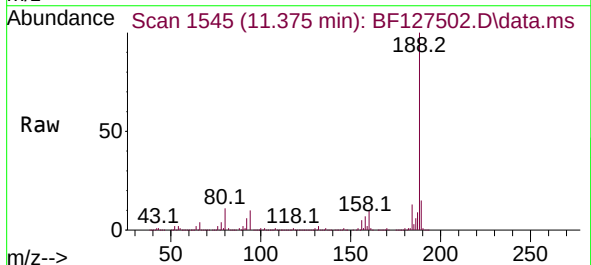
Instrument :
BNA_F
ClientSampleId :
MW-4

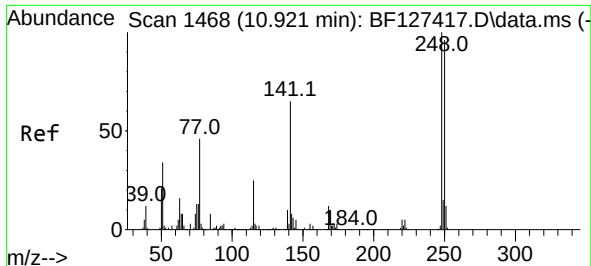
Tgt Ion:166 Resp: 484
Ion Ratio Lower Upper
166 100
165 100.0 78.1 117.1
167 0.0 10.5 15.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.005 min
Lab File: BF127502.D
Acq: 24 Mar 2022 14:57

Tgt Ion:188 Resp: 305561
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.0
80 10.8 8.0 12.0

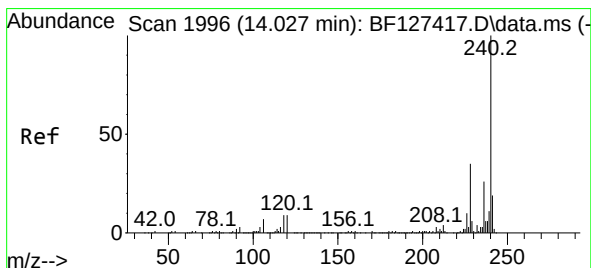
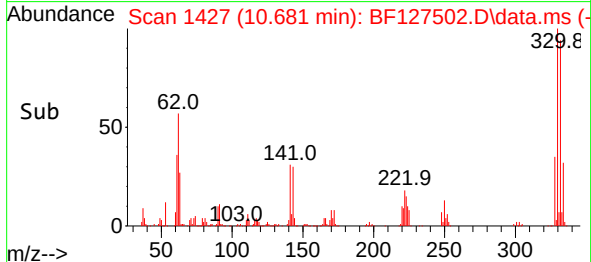
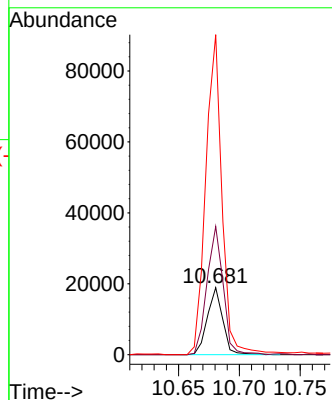
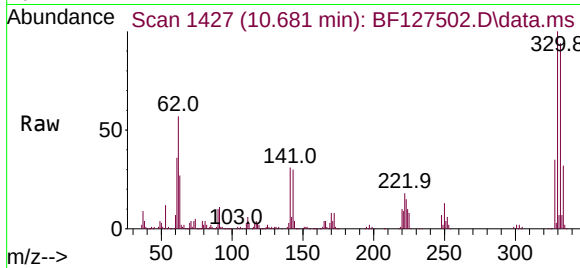




#67
4-Bromophenyl-phenylether
Concen: 4.669 ng
RT: 10.681 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127502.D
Acq: 24 Mar 2022 14:57

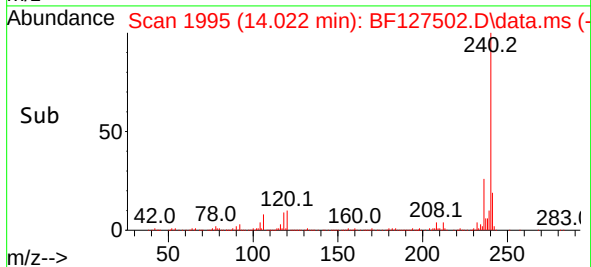
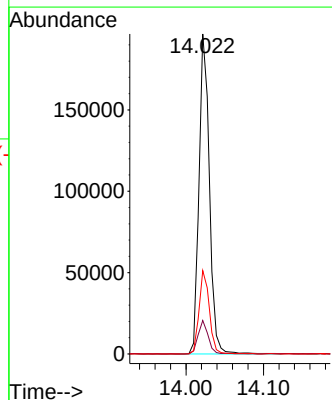
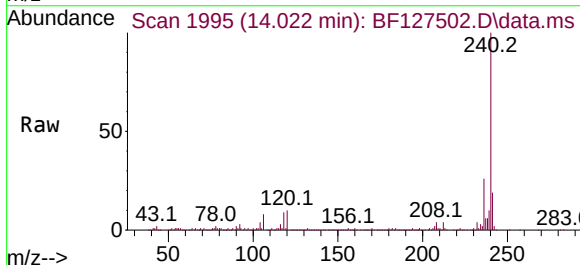
Instrument :
BNA_F
ClientSampleId :
MW-4

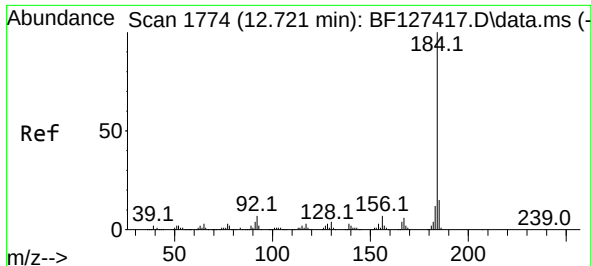
Tgt Ion:248 Resp: 16656
Ion Ratio Lower Upper
248 100
250 190.9 76.6 115.0#
141 476.8 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127502.D
Acq: 24 Mar 2022 14:57

Tgt Ion:240 Resp: 182874
Ion Ratio Lower Upper
240 100
120 10.4 7.1 10.7
236 26.1 20.7 31.1

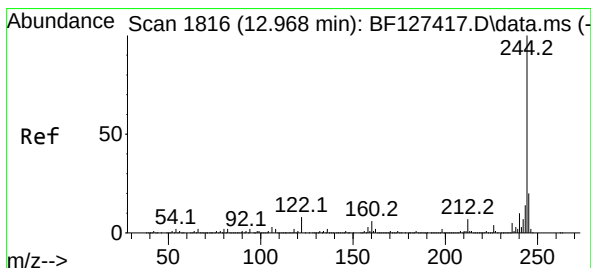
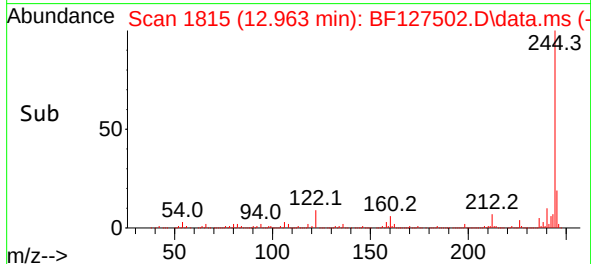
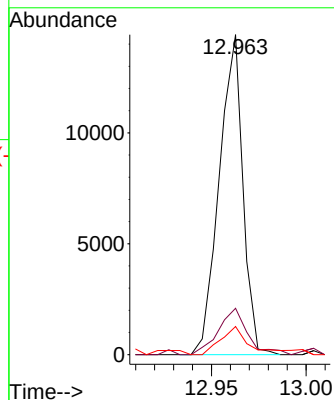
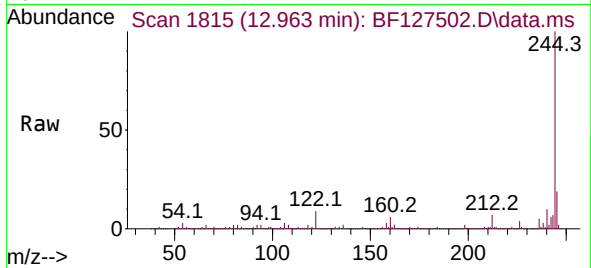




#77
Benzidine
Concen: 2.873 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127502.D
Acq: 24 Mar 2022 14:57

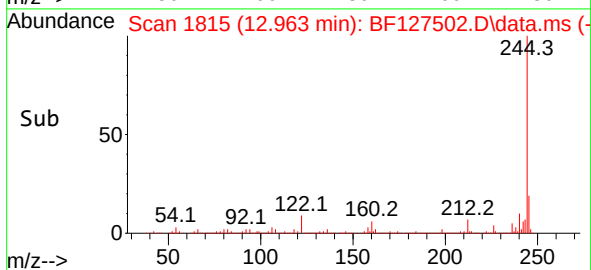
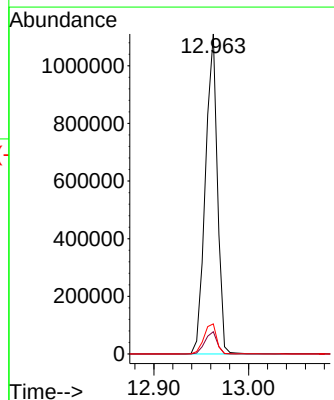
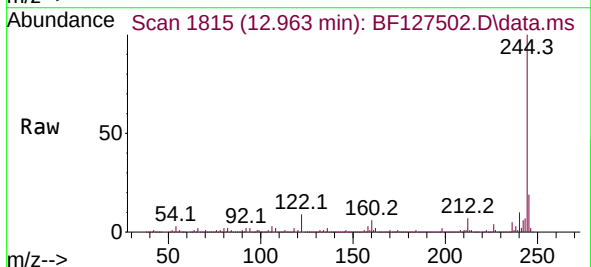
Instrument :
BNA_F
ClientSampleId :
MW-4

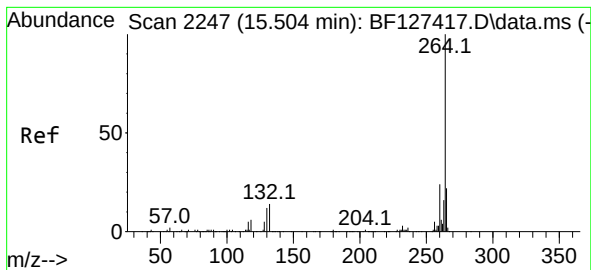
Tgt Ion:184 Resp: 12528
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.2
183 8.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 87.251 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127502.D
Acq: 24 Mar 2022 14:57

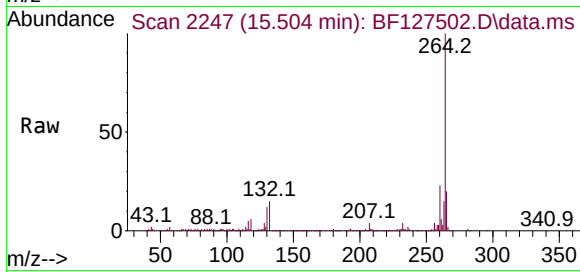
Tgt Ion:244 Resp: 974693
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.4 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127502.D
 Acq: 24 Mar 2022 14:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-4



Tgt Ion:264 Resp: 192345
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 20.4 17.4 26.2

