

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040422\
 Data File : BF127633.D
 Acq On : 04 Apr 2022 15:43
 Operator : CG\JU
 Sample : N2249-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Apr 04 16:26:19 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)

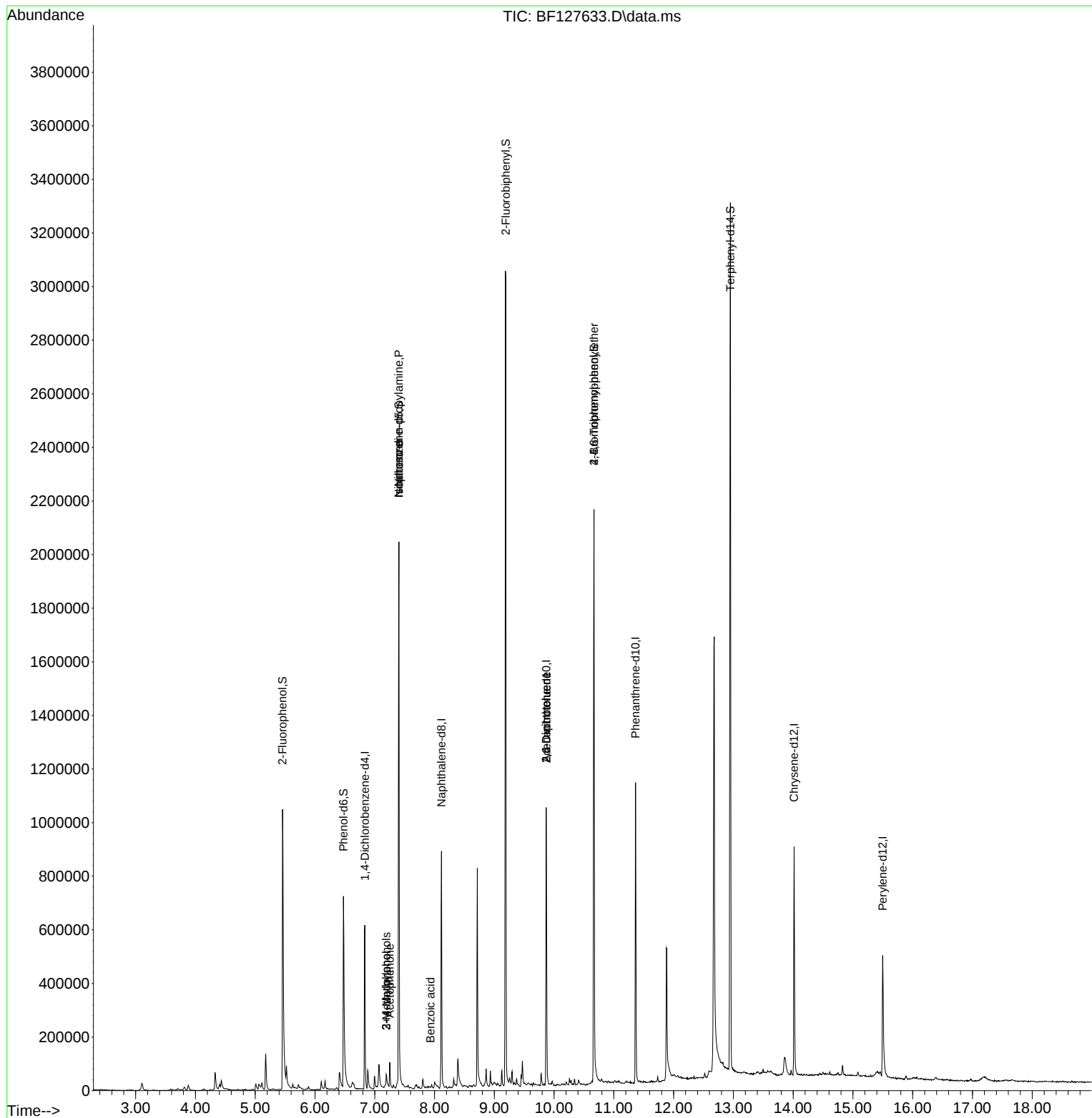
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	92365	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	341879	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	200378	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	372956	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	298672	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	232206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	346164	59.823	ng	0.00
7) Phenol-d6	6.475	99	297999	37.675	ng	0.00
23) Nitrobenzene-d5	7.404	82	630269	78.804	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	256055	119.958	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1018024	74.187	ng	0.00
79) Terphenyl-d14	12.951	244	1192265	65.348	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.387	77	55	Below Cal	#	1
17) 2-Methylphenol	7.192	107	15263	3.058	ng	# 26
19) n-Nitroso-di-n-propyla...	7.404	70	88646	18.697	ng	# 78
20) 3+4-Methylphenols	7.192	107	15263	2.480	ng	# 20
22) Acetophenone	7.251	105	27095	3.100	ng	# 87
25) Isophorone	7.404	82	630198	49.472	ng	# 70
32) Benzoic acid	7.934	122	558	6.219	ng	# 30
51) 2,6-Dinitrotoluene	9.869	165	25832	8.828	ng	# 18
55) Dibenzofuran	10.080	168	80	Below Cal	#	52
57) 2,4-Dinitrotoluene	9.869	165	25832	6.858	ng	# 15
58) Fluorene	10.669	166	10418	Below Cal	#	90
67) 4-Bromophenyl-phenylether	10.669	248	16480	3.785	ng	# 1

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

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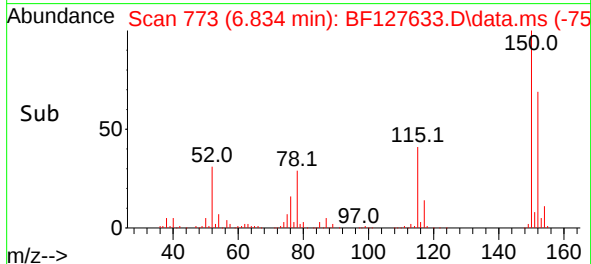
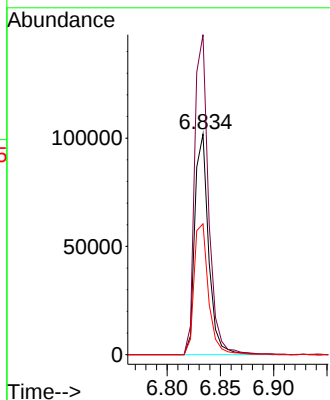
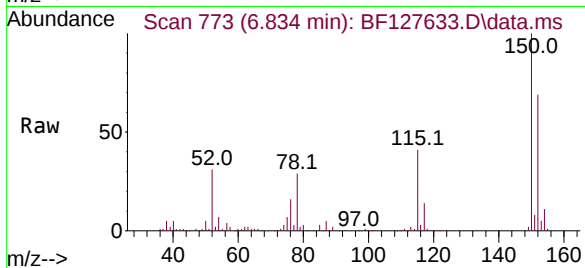




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF127633.D
 Acq: 04 Apr 2022 15:43

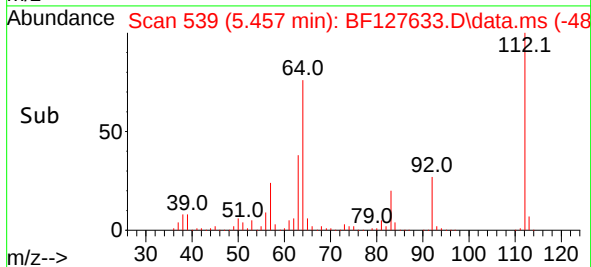
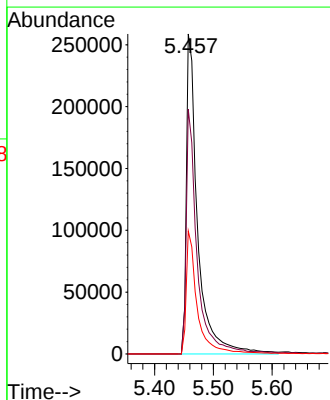
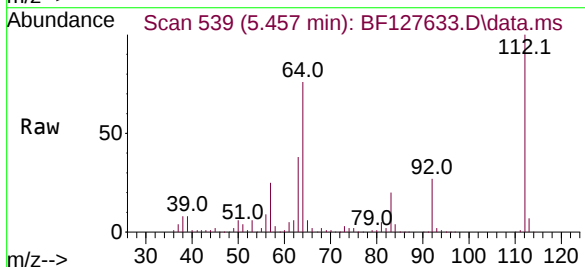
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

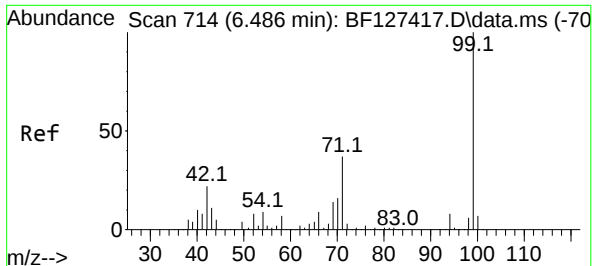
Tgt Ion:152 Resp: 92365
 Ion Ratio Lower Upper
 152 100
 150 145.1 117.2 175.8
 115 59.4 49.8 74.6



#5
 2-Fluorophenol
 Concen: 59.823 ng
 RT: 5.457 min Scan# 539
 Delta R.T. 0.000 min
 Lab File: BF127633.D
 Acq: 04 Apr 2022 15:43

Tgt Ion:112 Resp: 346164
 Ion Ratio Lower Upper
 112 100
 64 76.5 58.4 87.6
 63 38.5 30.1 45.1

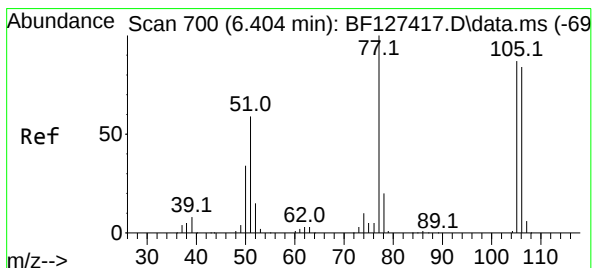
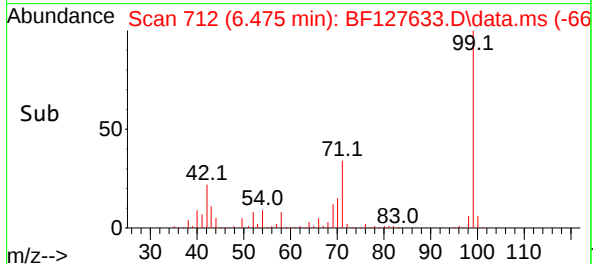
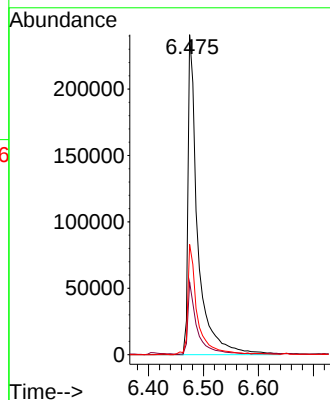
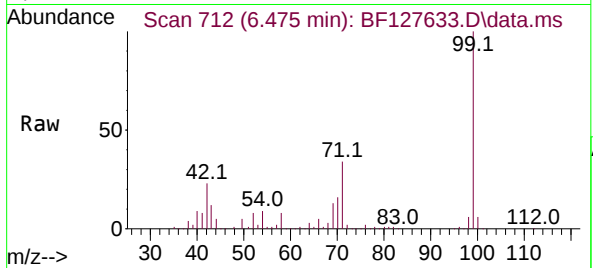




#7
Phenol-d6
Concen: 37.675 ng
RT: 6.475 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127633.D
Acq: 04 Apr 2022 15:43

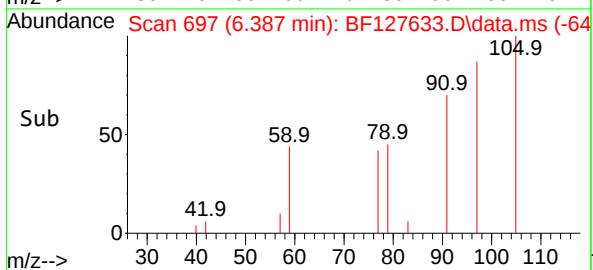
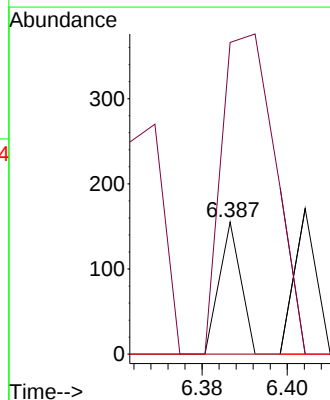
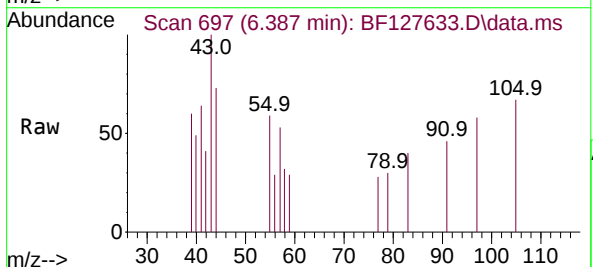
Instrument :
BNA_F
ClientSampleId :
MW-2

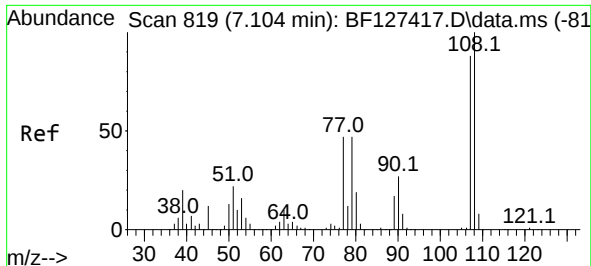
Tgt Ion: 99 Resp: 297999
Ion Ratio Lower Upper
99 100
42 22.7 17.8 26.6
71 34.5 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.387 min Scan# 697
Delta R.T. -0.006 min
Lab File: BF127633.D
Acq: 04 Apr 2022 15:43

Tgt Ion: 77 Resp: 55
Ion Ratio Lower Upper
77 100
105 236.1 66.8 106.8#
106 0.0 64.3 104.3#

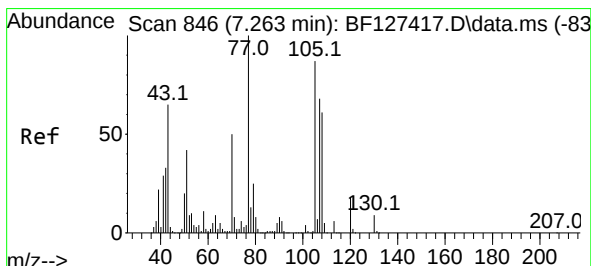
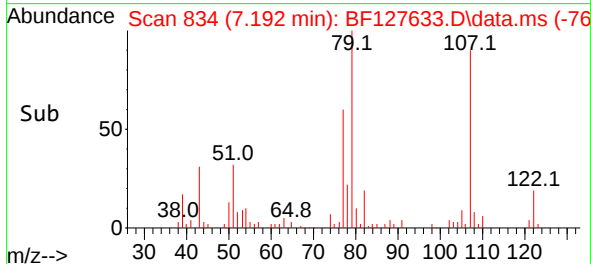
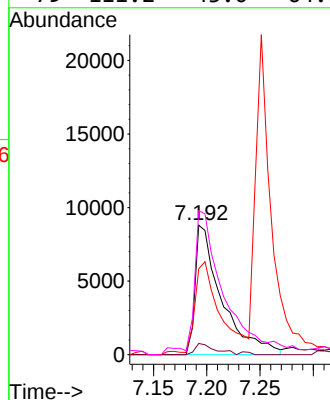
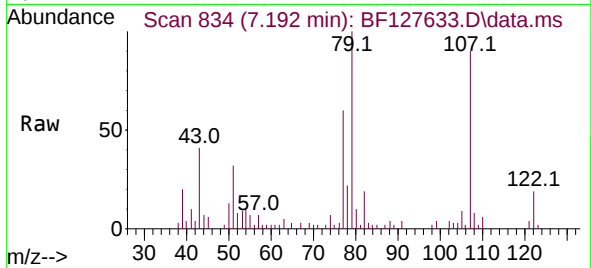




#17
2-Methylphenol
Concen: 3.058 ng
RT: 7.192 min Scan# 81
Delta R.T. 0.100 min
Lab File: BF127633.D
Acq: 04 Apr 2022 15:43

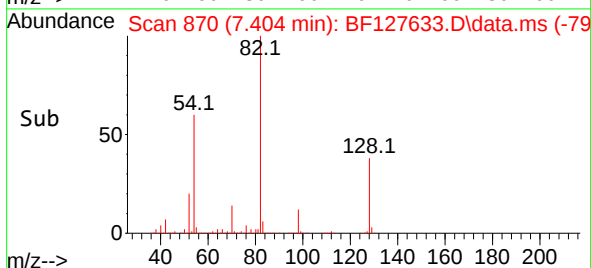
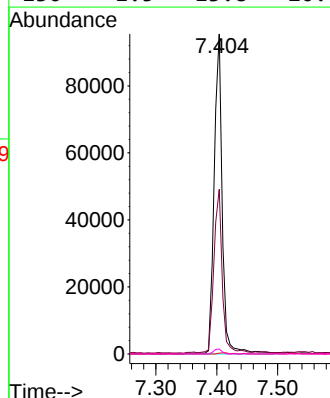
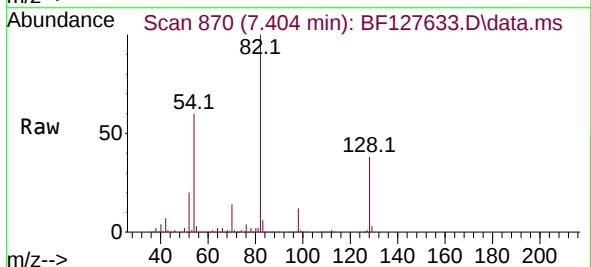
Instrument :
BNA_F
ClientSampleId :
MW-2

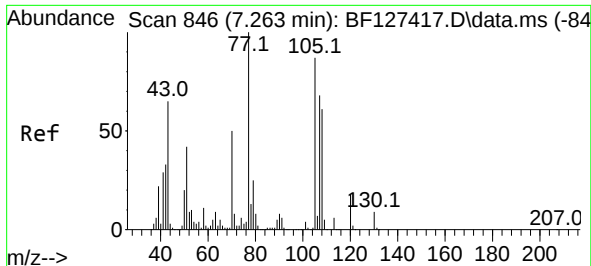
Tgt Ion:107 Resp: 15263
Ion Ratio Lower Upper
107 100
108 8.6 90.7 136.1#
77 66.4 42.9 64.3#
79 111.2 43.0 64.6#



#19
n-Nitroso-di-n-propylamine
Concen: 18.697 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.153 min
Lab File: BF127633.D
Acq: 04 Apr 2022 15:43

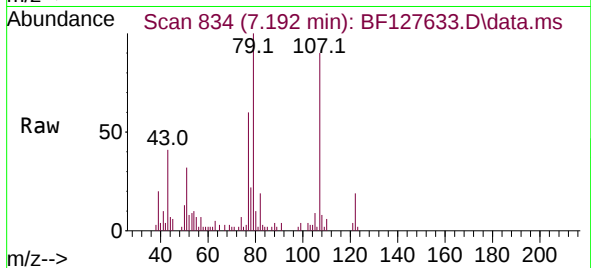
Tgt Ion: 70 Resp: 88646
Ion Ratio Lower Upper
70 100
42 51.5 53.0 79.6#
101 0.3 6.8 10.2#
130 1.5 13.8 20.6#



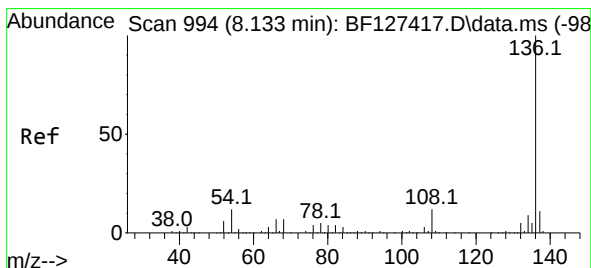
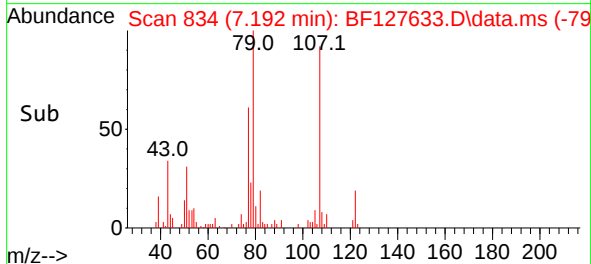
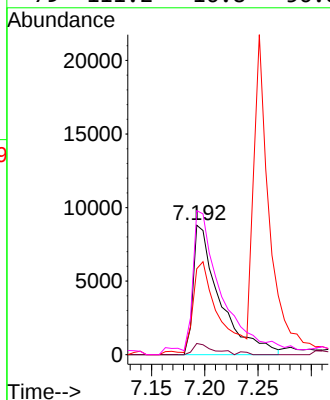


#20
3+4-Methylphenols
Concen: 2.480 ng
RT: 7.192 min Scan# 81
Delta R.T. -0.059 min
Lab File: BF127633.D
Acq: 04 Apr 2022 15:43

Instrument :
BNA_F
ClientSampleId :
MW-2

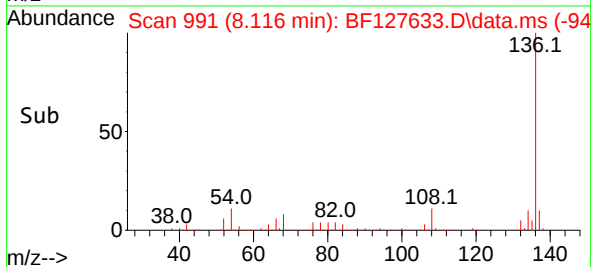
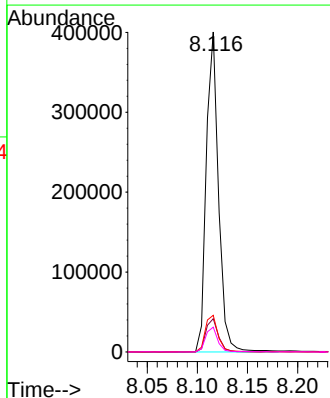
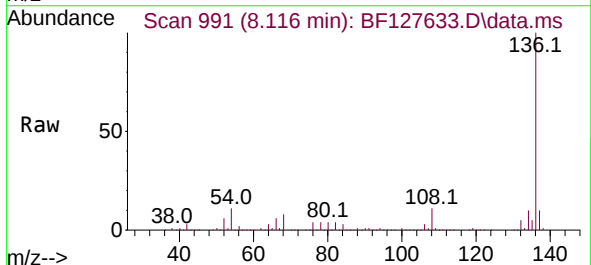


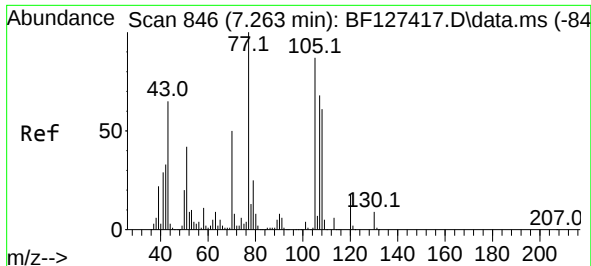
Tgt Ion:107 Resp: 15263
Ion Ratio Lower Upper
107 100
108 8.6 70.7 110.7#
77 66.4 127.9 167.9#
79 111.2 16.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127633.D
Acq: 04 Apr 2022 15:43

Tgt Ion:136 Resp: 341879
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 11.4 9.2 13.8
68 7.7 5.4 8.0

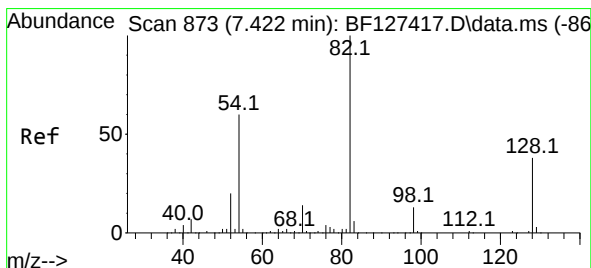
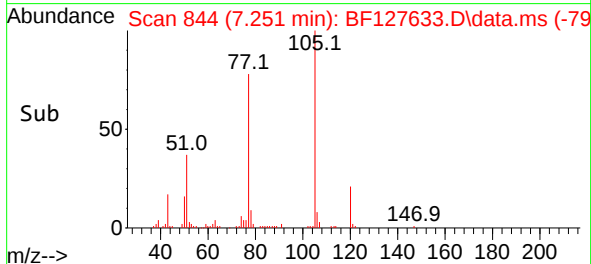
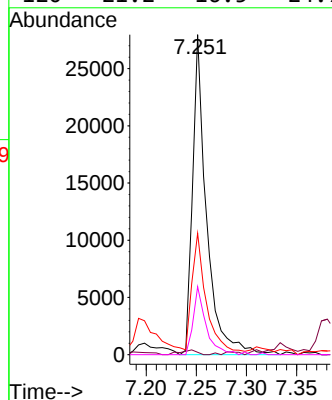
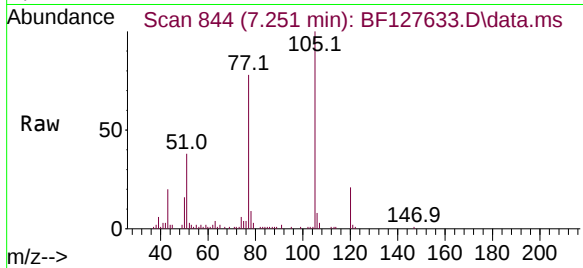




#22
Acetophenone
Concen: 3.100 ng
RT: 7.251 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF127633.D
Acq: 04 Apr 2022 15:43

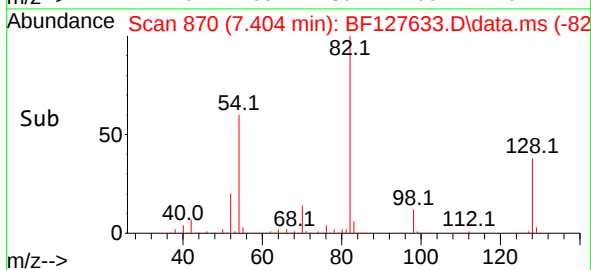
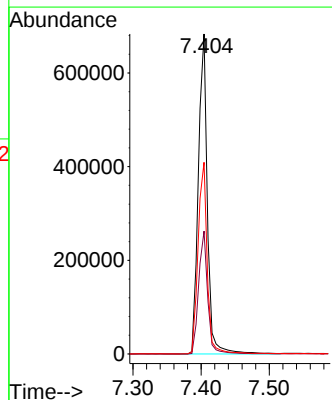
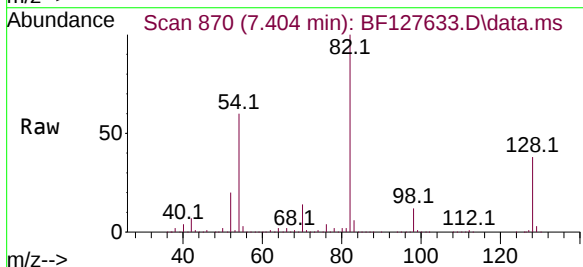
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ClientSampleId :
MW-2

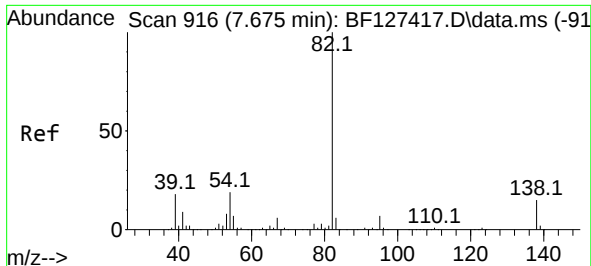
Tgt Ion:105 Resp: 27095
Ion Ratio Lower Upper
105 100
71 0.8 7.3 10.9#
51 38.0 38.8 58.2#
120 21.2 16.5 24.7



#23
Nitrobenzene-d5
Concen: 78.804 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF127633.D
Acq: 04 Apr 2022 15:43

Tgt Ion: 82 Resp: 630269
Ion Ratio Lower Upper
82 100
128 38.4 30.6 45.8
54 59.9 48.2 72.2

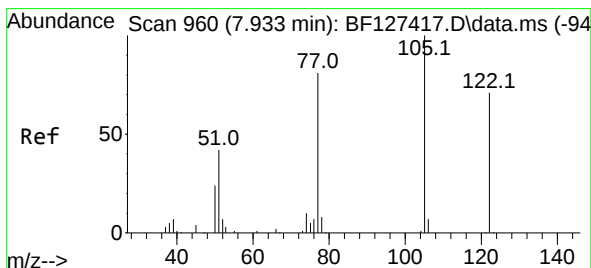
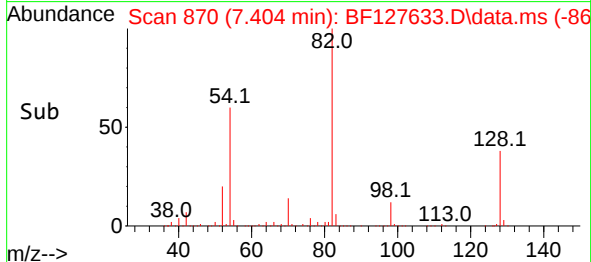
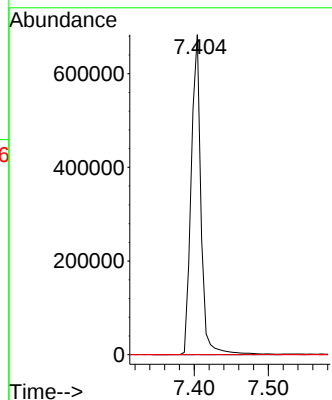
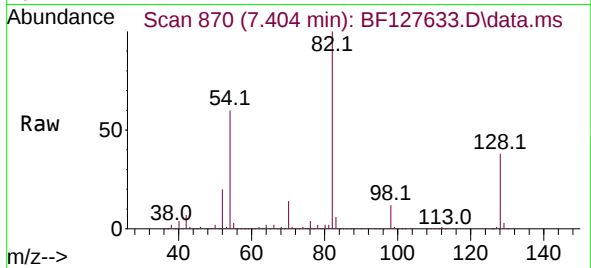




#25
Isophorone
Concen: 49.472 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127633.D
Acq: 04 Apr 2022 15:43

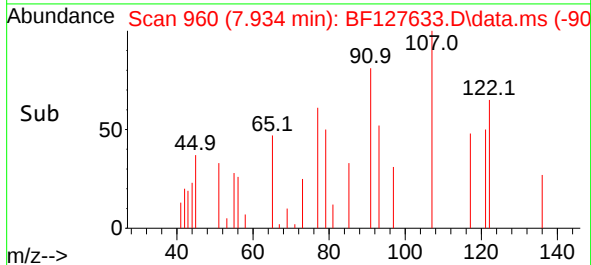
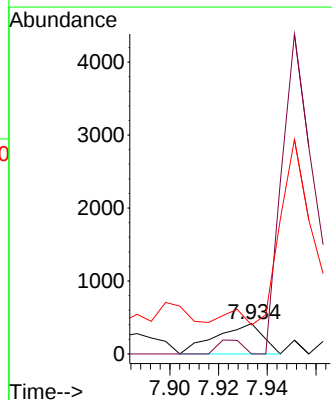
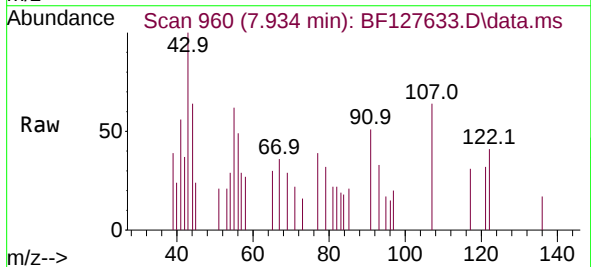
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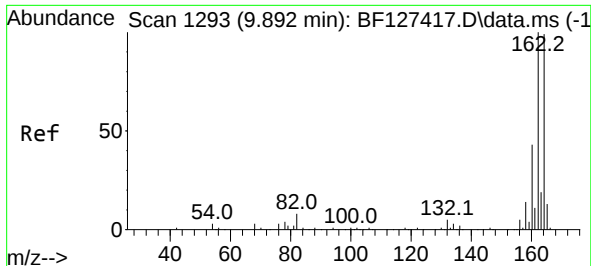
Tgt Ion: 82 Resp: 630198
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#32
Benzoic acid
Concen: 6.219 ng
RT: 7.934 min Scan# 960
Delta R.T. 0.006 min
Lab File: BF127633.D
Acq: 04 Apr 2022 15:43

Tgt Ion: 122 Resp: 558
Ion Ratio Lower Upper
122 100
105 0.0 117.1 157.1#
77 95.0 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: BF127633.D

Acq: 04 Apr 2022 15:43

Instrument :

BNA_F

ClientSampleId :

MW-2

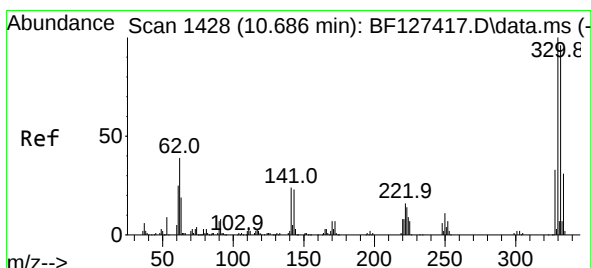
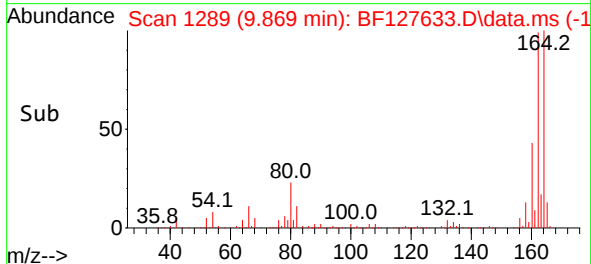
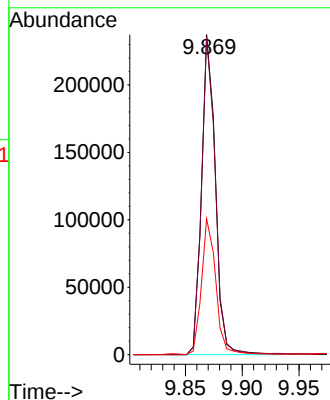
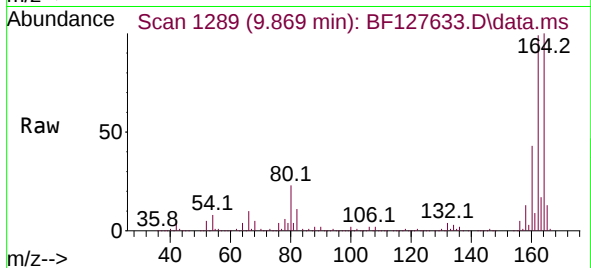
Tgt Ion:164 Resp: 200378

Ion Ratio Lower Upper

164 100

162 99.3 81.2 121.8

160 42.5 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 119.958 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF127633.D

Acq: 04 Apr 2022 15:43

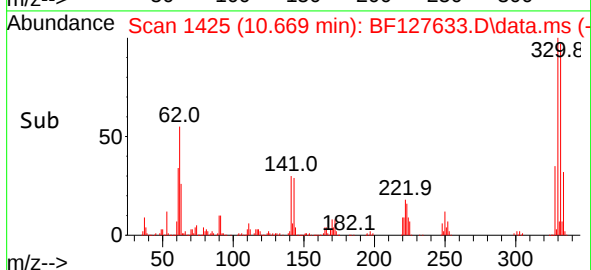
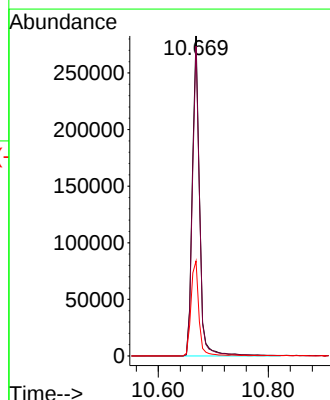
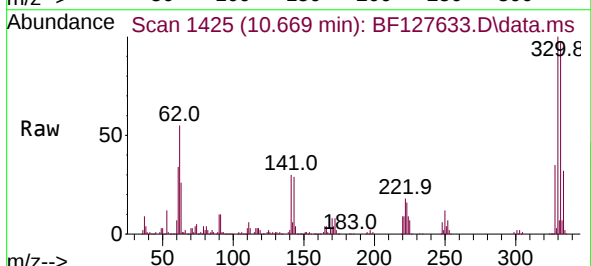
Tgt Ion:330 Resp: 256055

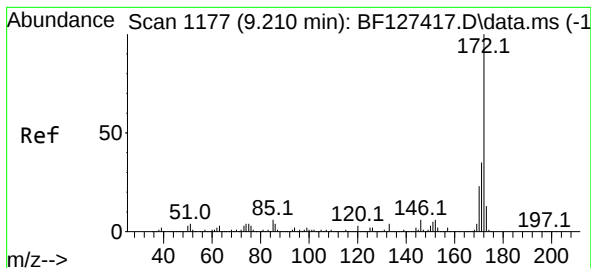
Ion Ratio Lower Upper

330 100

332 96.1 79.1 118.7

141 32.4 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 74.187 ng

RT: 9.192 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127633.D

Acq: 04 Apr 2022 15:43

Instrument :

BNA_F

ClientSampleId :

MW-2

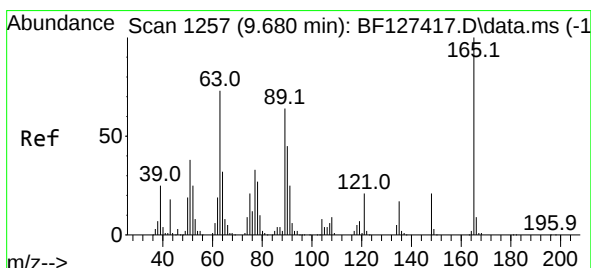
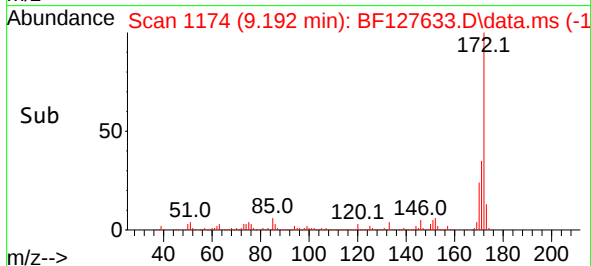
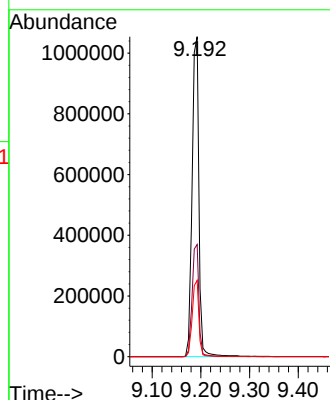
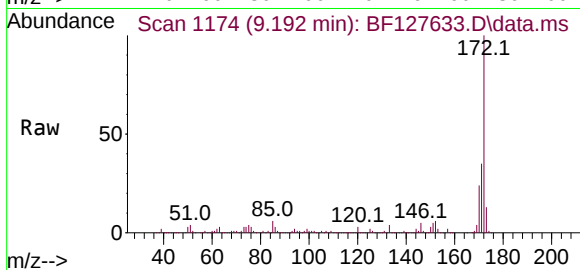
Tgt Ion:172 Resp: 1018024

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.8 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.828 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127633.D

Acq: 04 Apr 2022 15:43

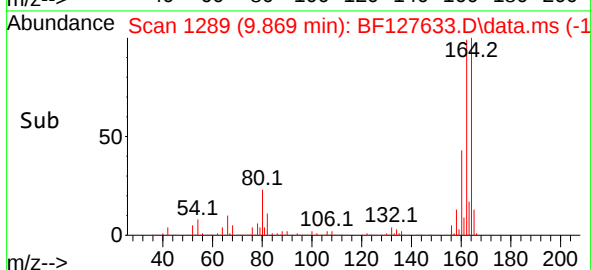
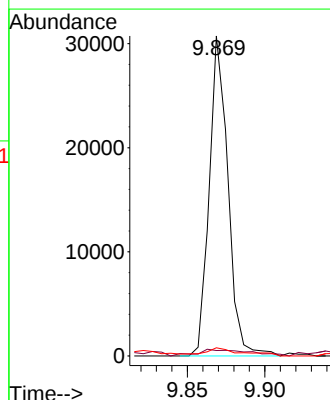
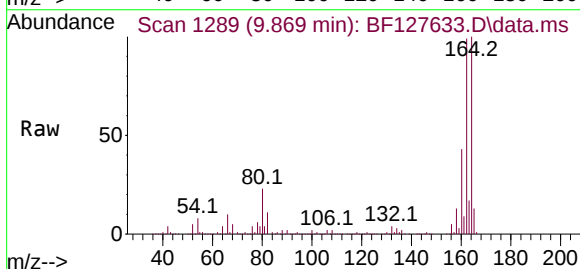
Tgt Ion:165 Resp: 25832

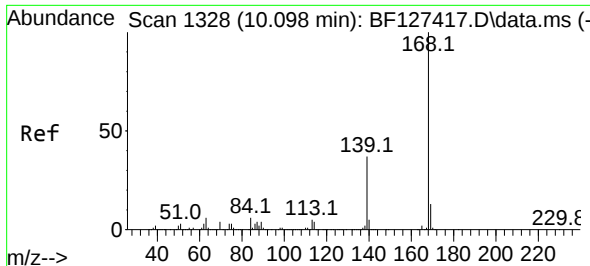
Ion Ratio Lower Upper

165 100

63 1.7 58.3 87.5#

89 2.6 51.5 77.3#

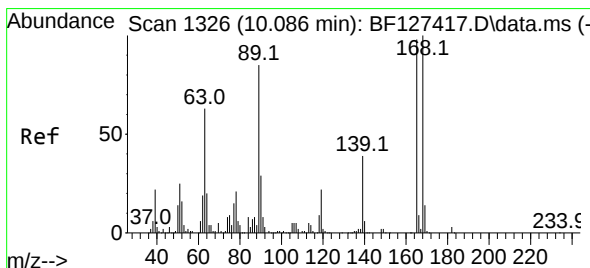
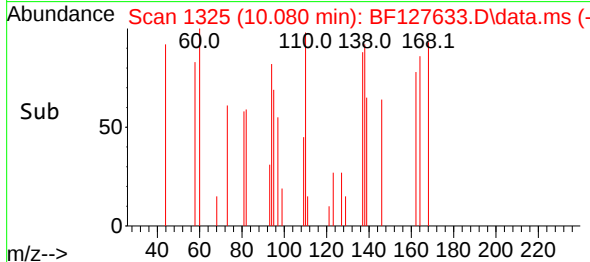
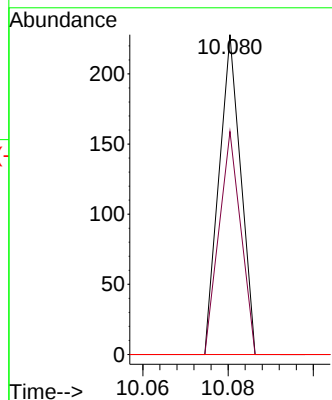
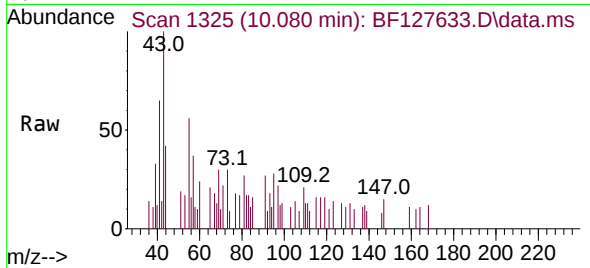




#55
Dibenzofuran
Concen: Below Cal
RT: 10.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127633.D
Acq: 04 Apr 2022 15:43

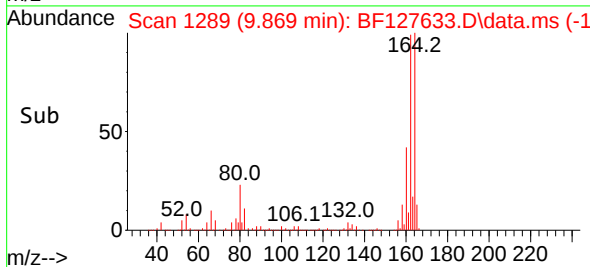
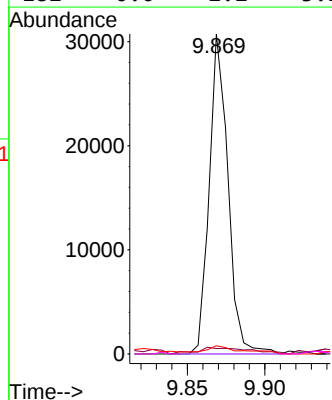
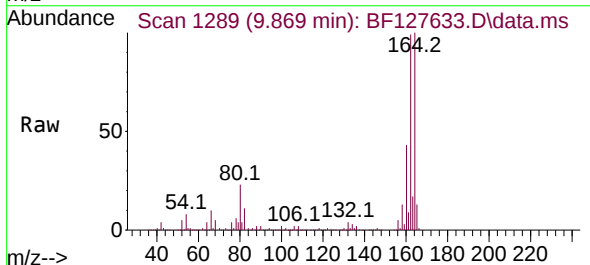
Instrument :
BNA_F
ClientSampleId :
MW-2

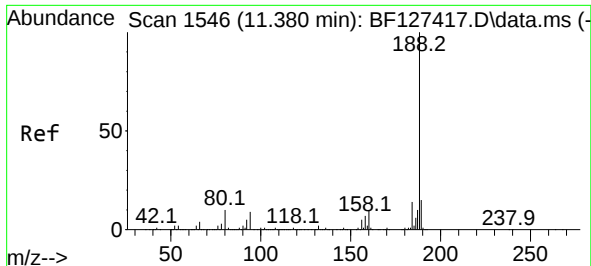
Tgt Ion:168 Resp: 80
Ion Ratio Lower Upper
168 100
139 69.7 30.3 45.5#
169 0.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.858 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF127633.D
Acq: 04 Apr 2022 15:43

Tgt Ion:165 Resp: 25832
Ion Ratio Lower Upper
165 100
63 1.7 53.1 79.7#
89 2.6 69.2 103.8#
182 0.0 2.2 3.2#

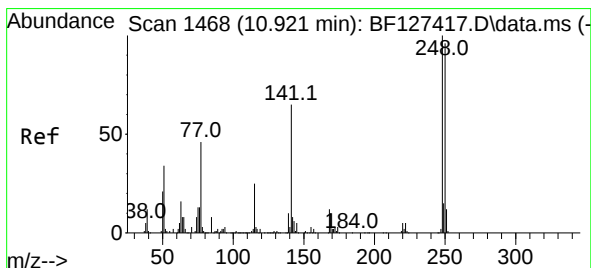
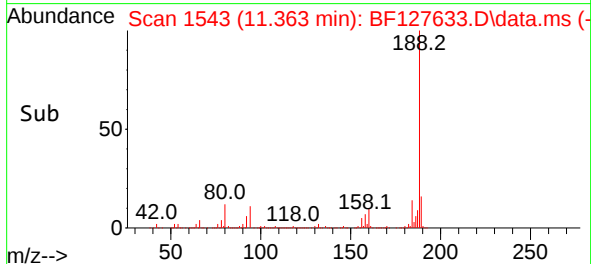
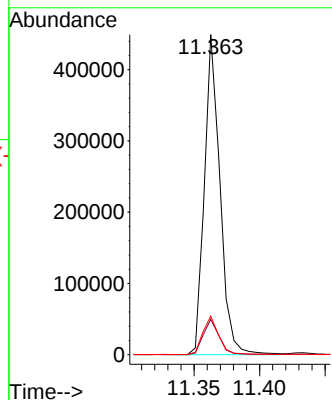
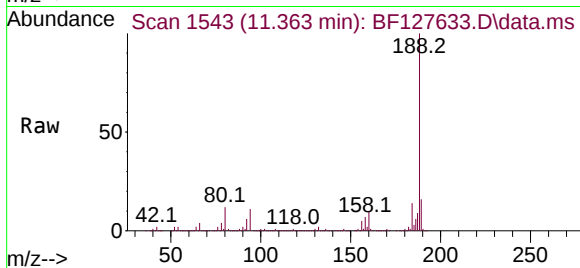




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127633.D
Acq: 04 Apr 2022 15:43

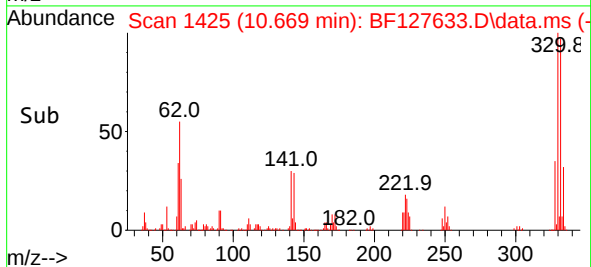
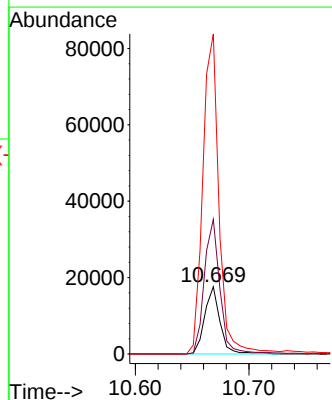
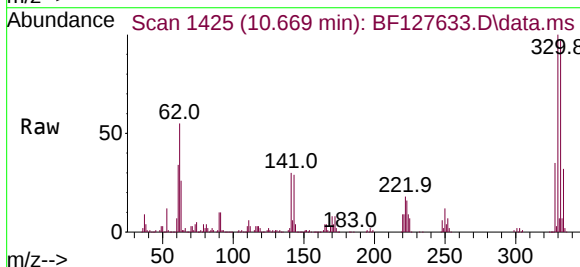
Instrument :
BNA_F
ClientSampleId :
MW-2

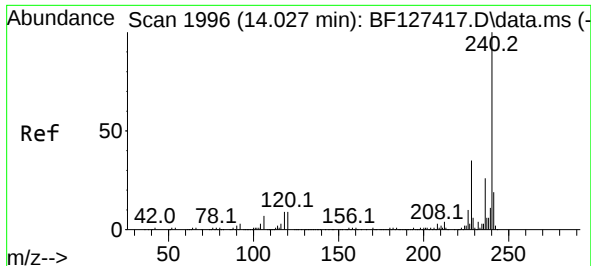
Tgt Ion:188 Resp: 372956
Ion Ratio Lower Upper
188 100
94 11.1 7.4 11.0#
80 12.0 8.0 12.0#



#67
4-Bromophenyl-phenylether
Concen: 3.785 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.235 min
Lab File: BF127633.D
Acq: 04 Apr 2022 15:43

Tgt Ion:248 Resp: 16480
Ion Ratio Lower Upper
248 100
250 200.2 76.6 115.0#
141 476.1 52.2 78.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BF127633.D

Acq: 04 Apr 2022 15:43

Instrument :

BNA_F

ClientSampleId :

MW-2

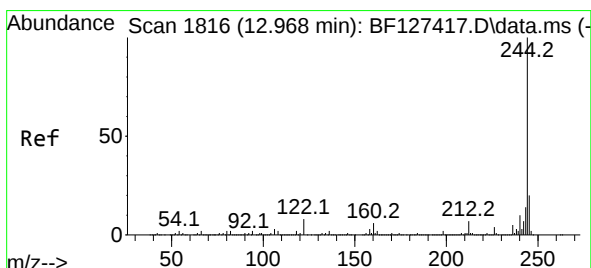
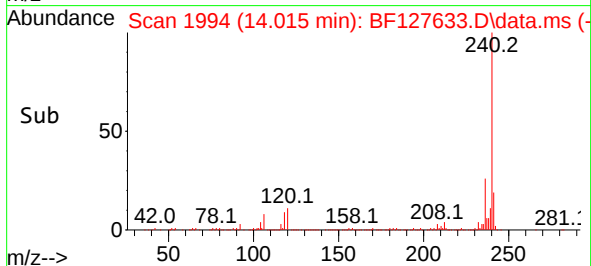
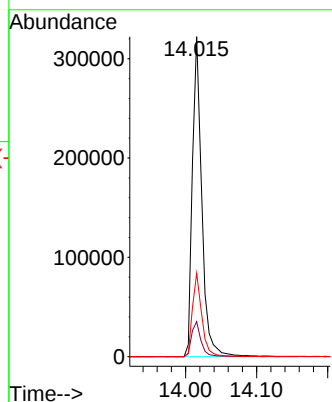
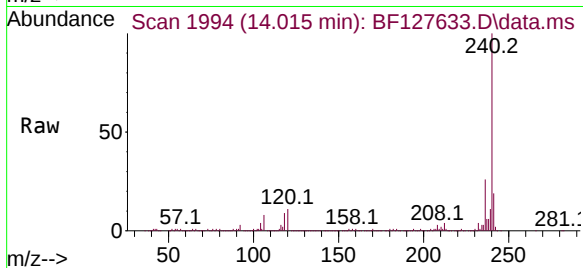
Tgt Ion:240 Resp: 298672

Ion Ratio Lower Upper

240 100

120 11.0 7.1 10.7#

236 26.1 20.7 31.1



#79

Terphenyl-d14

Concen: 65.348 ng

RT: 12.951 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF127633.D

Acq: 04 Apr 2022 15:43

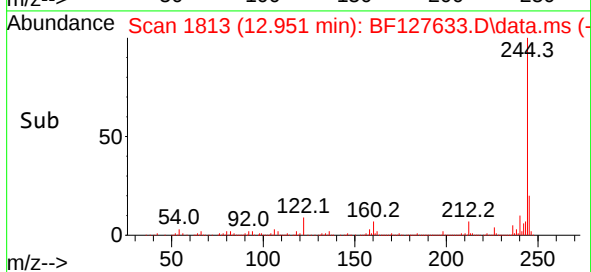
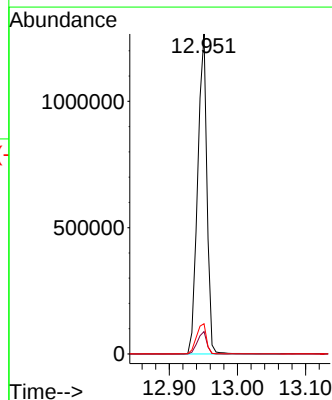
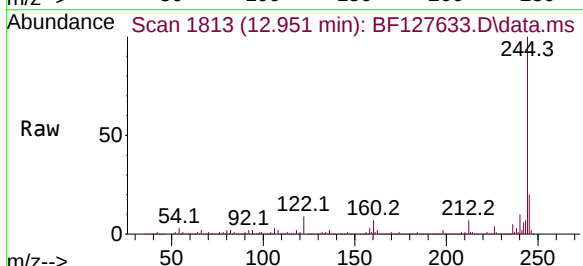
Tgt Ion:244 Resp: 1192265

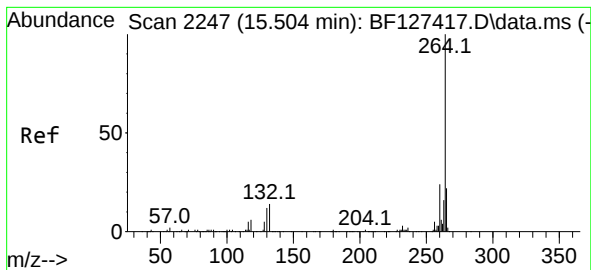
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 9.4 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: BF127633.D

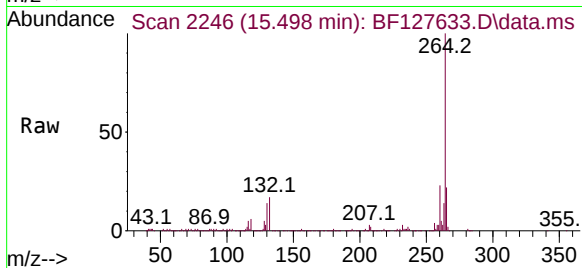
Acq: 04 Apr 2022 15:43

Instrument :

BNA_F

ClientSampleId :

MW-2



Tgt Ion:264 Resp: 232206

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.6 17.4 26.2

