

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133142.D
 Acq On : 29 Apr 2023 02:08
 Operator : CG\JU
 Sample : 02522-07DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6DL

Quant Time: May 01 03:11:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 03:03:04 2023
 Response via : Initial Calibration

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

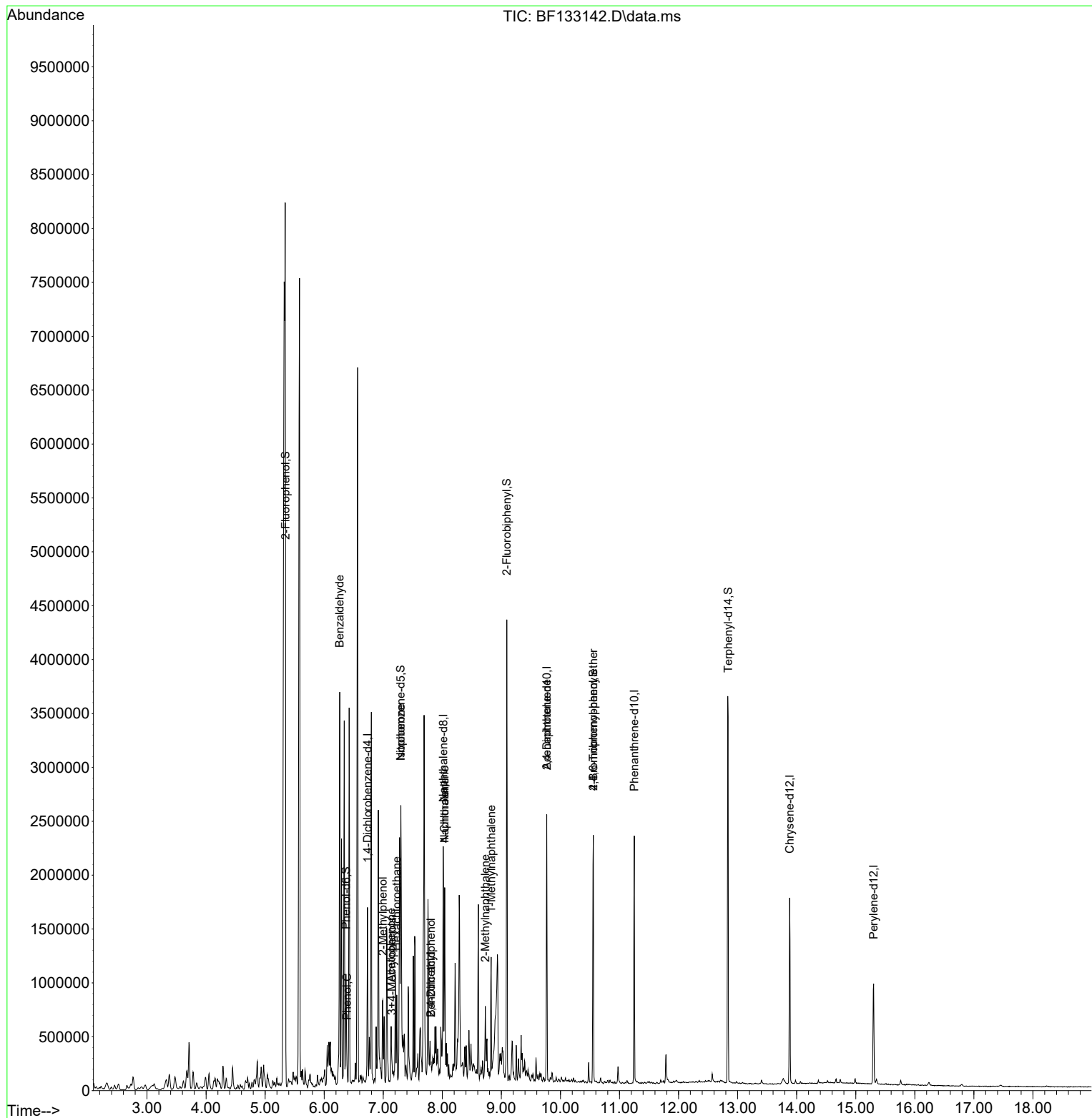
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	205554	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	835985	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	435356	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	752143	20.000	ng	0.00
76) Chrysene-d12	13.880	240	535782	20.000	ng	-0.01
86) Perylene-d12	15.304	264	406420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	304647	22.388	ng	0.00
7) Phenol-d6	6.369	99	329974	19.537	ng	-0.01
23) Nitrobenzene-d5	7.298	82	641722	41.434	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	271477	62.005	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1179966	45.344	ng	0.00
79) Terphenyl-d14	12.839	244	1287012	41.429	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.263	77	138583	12.136	ng	# 1
10) Phenol	6.387	94	43873	2.355	ng	99
17) 2-Methylphenol	6.992	107	33553	2.652	ng	# 78
18) Hexachloroethane	7.228	117	19438	3.798	ng	# 1
20) 3+4-Methylphenols	7.145	107	32710	2.196	ng	# 74
22) Acetophenone	7.134	105	169595	8.758	ng	# 55
25) Isophorone	7.298	82	627355	21.334	ng	# 63
27) 2,4-Dimethylphenol	7.810	122	30537	2.353	ng	87
31) Naphthalene	8.039	128	518573	12.407	ng	98
32) Benzoic acid	7.810	122	30537	3.809	ng	# 17
33) 4-Chloroaniline	8.039	127	65927	3.904	ng	# 36
37) 2-Methylnaphthalene	8.728	142	103253	3.613	ng	98
38) 1-Methylnaphthalene	8.828	142	108212	4.048	ng	99
57) 2,4-Dinitrotoluene	9.769	165	57624	6.613	ng	# 25
67) 4-Bromophenyl-phenylether	10.557	248	16782	2.057	ng	# 1

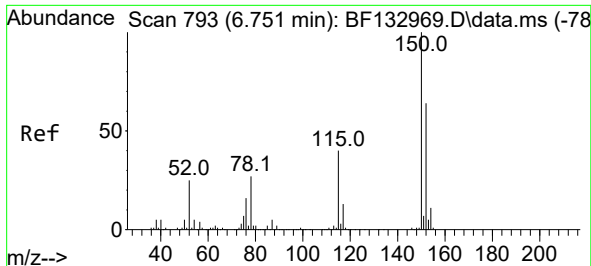
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 01 03:03:04 2023
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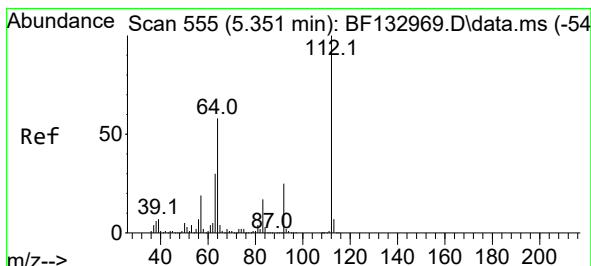
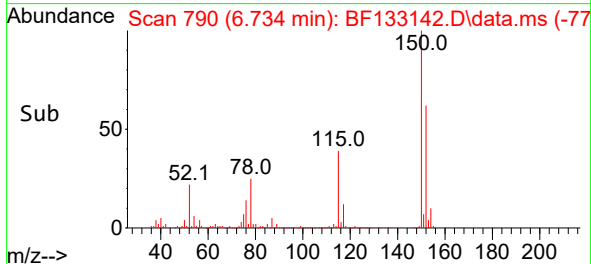
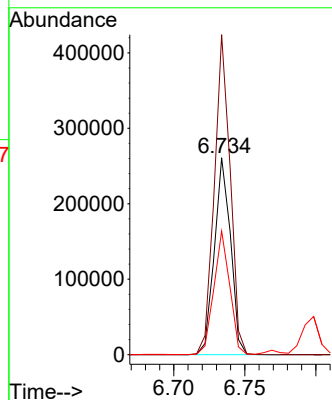
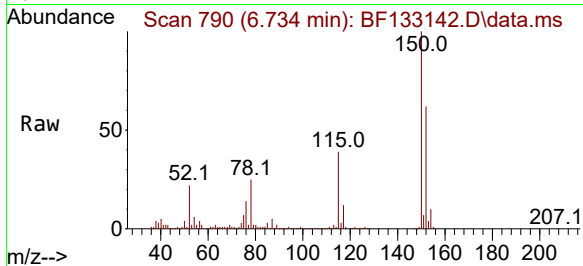




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

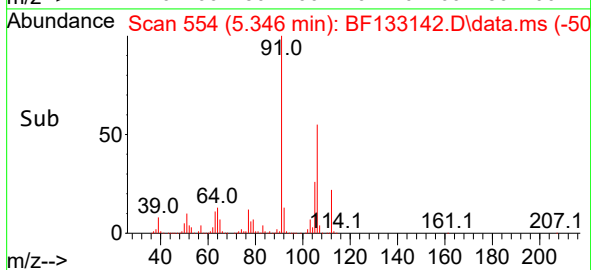
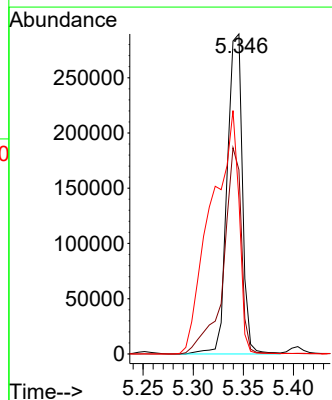
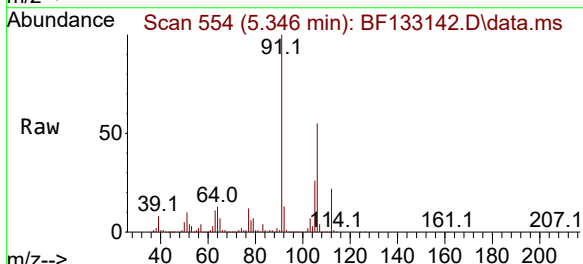
Instrument :
BNA_F
ClientSampleId :
MW-6DL

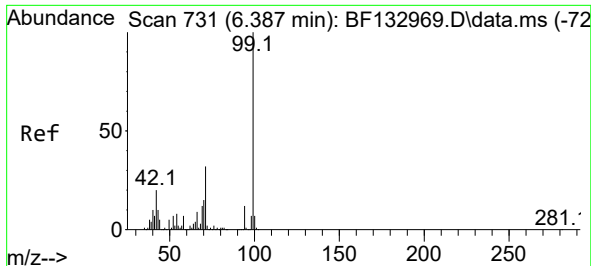
Tgt Ion:152 Resp: 205554
Ion Ratio Lower Upper
152 100
150 162.5 124.8 187.2
115 62.8 49.9 74.9



#5
2-Fluorophenol
Concen: 22.388 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.006 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

Tgt Ion:112 Resp: 304647
Ion Ratio Lower Upper
112 100
64 57.6 46.8 70.2
63 48.3 23.8 35.8#





#7

Phenol-d6

Concen: 19.537 ng

RT: 6.369 min Scan# 710

Delta R.T. -0.012 min

Lab File: BF133142.D

Acq: 29 Apr 2023 02:08

Instrument :

BNA_F

ClientSampleId :

MW-6DL

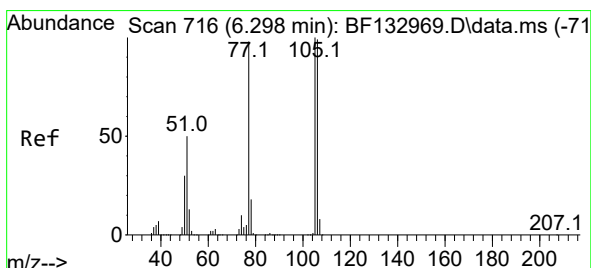
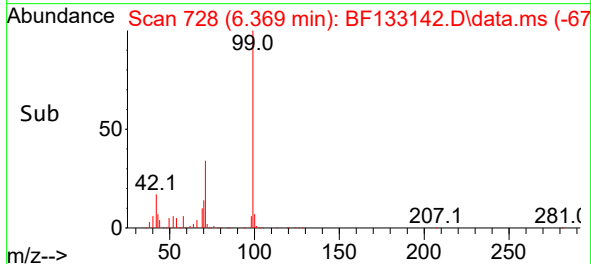
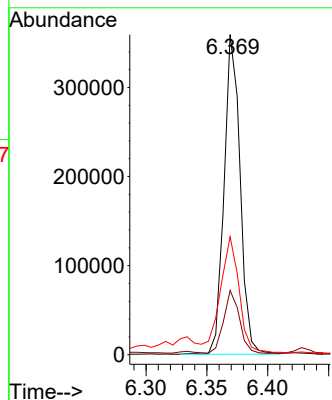
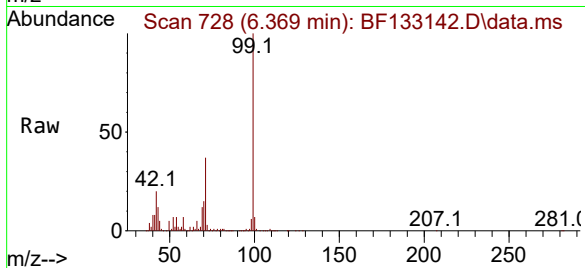
Tgt Ion: 99 Resp: 329974

Ion Ratio Lower Upper

99 100

42 20.1 16.3 24.5

71 36.8 25.6 38.4



#9

Benzaldehyde

Concen: 12.136 ng

RT: 6.263 min Scan# 710

Delta R.T. -0.018 min

Lab File: BF133142.D

Acq: 29 Apr 2023 02:08

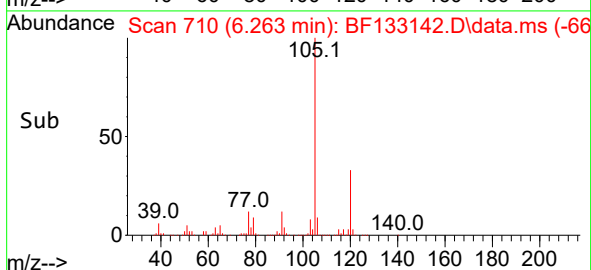
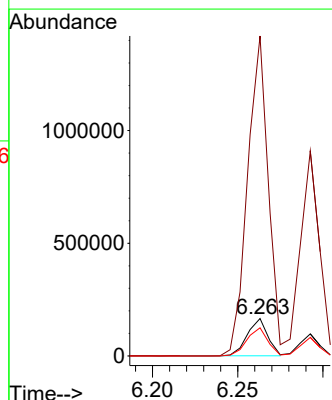
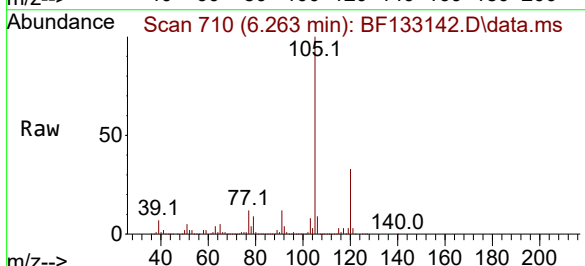
Tgt Ion: 77 Resp: 138583

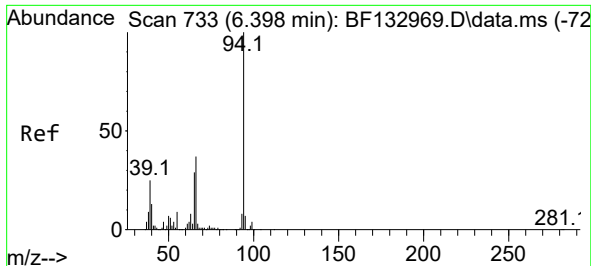
Ion Ratio Lower Upper

77 100

105 854.9 82.3 122.3#

106 75.4 80.8 120.8#

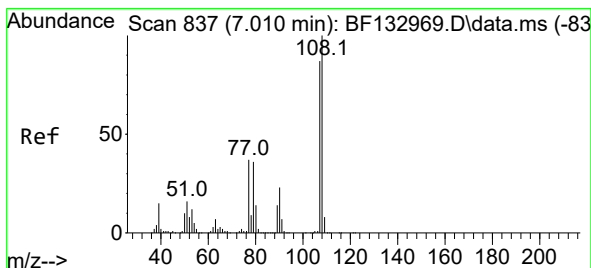
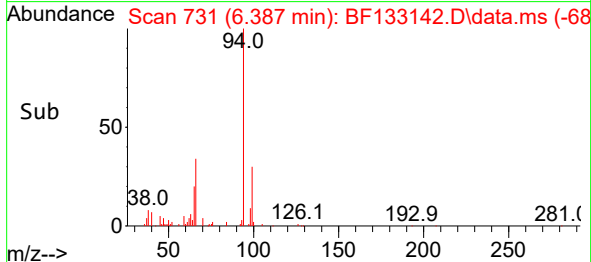
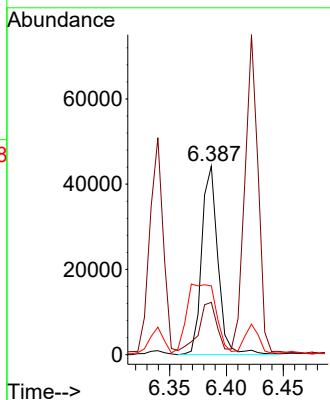
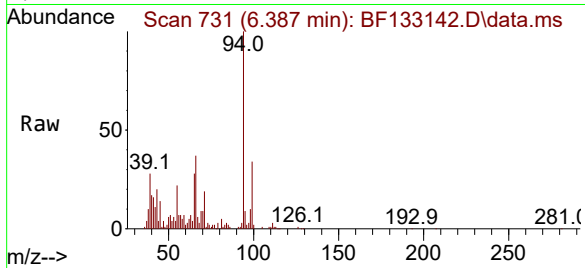




#10
Phenol
Concen: 2.355 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

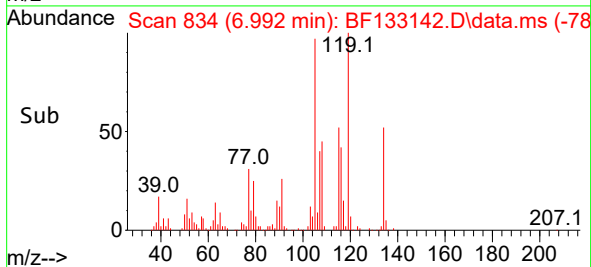
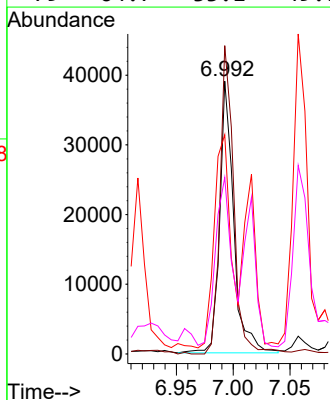
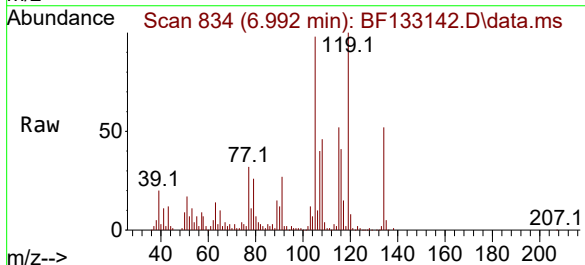
Instrument :
BNA_F
ClientSampleId :
MW-6DL

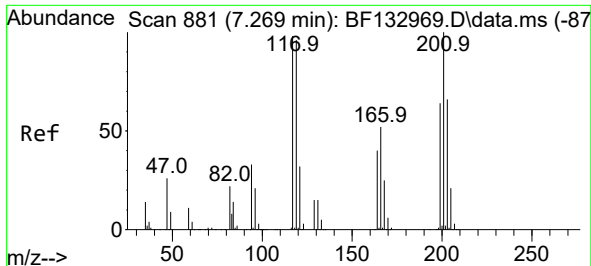
Tgt Ion: 94 Resp: 43873
Ion Ratio Lower Upper
94 100
65 27.7 8.6 48.6
66 36.5 17.3 57.3



#17
2-Methylphenol
Concen: 2.652 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

Tgt Ion: 107 Resp: 33553
Ion Ratio Lower Upper
107 100
108 113.0 92.4 138.6
77 80.4 33.8 50.8#
79 64.7 33.1 49.7#

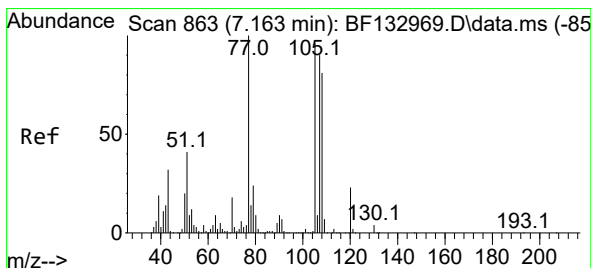
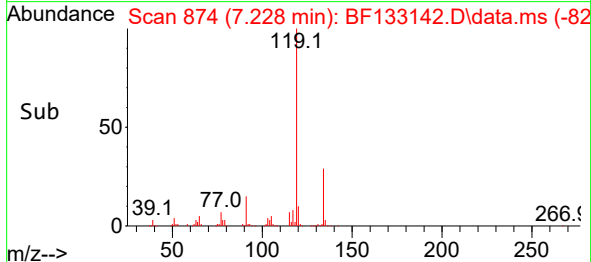
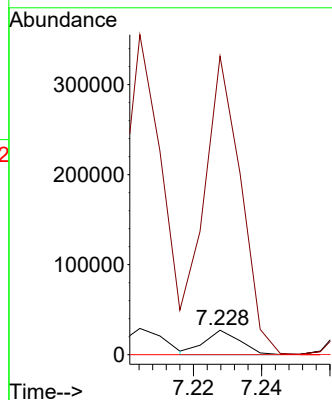
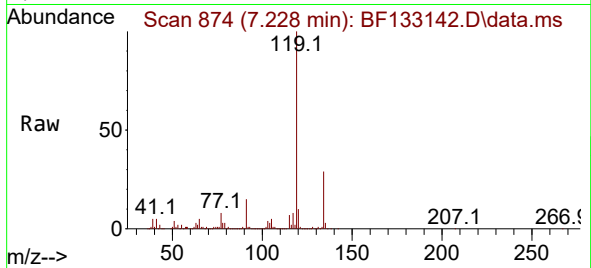




#18
Hexachloroethane
Concen: 3.798 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.023 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

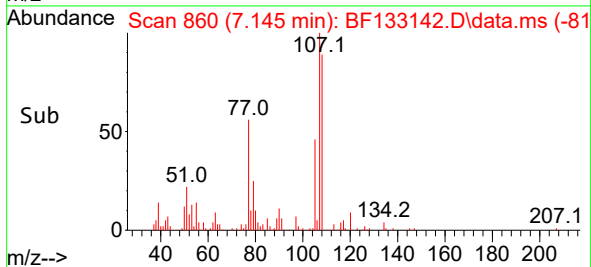
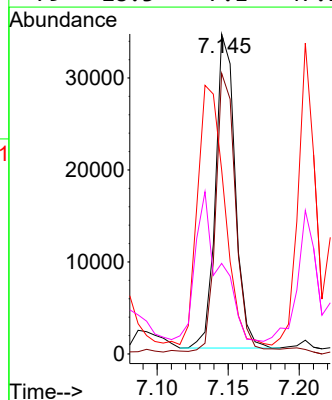
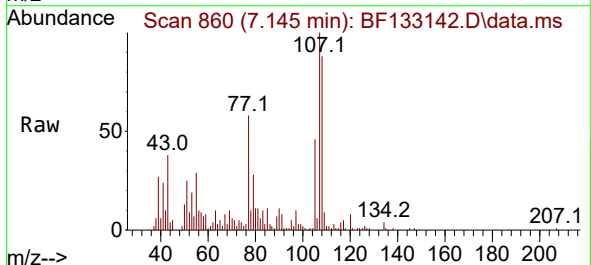
Instrument :
BNA_F
ClientSampleId :
MW-6DL

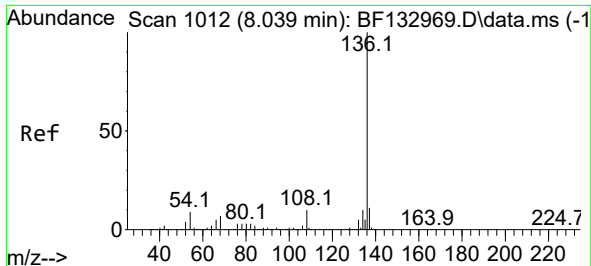
Tgt Ion:117 Resp: 19438
Ion Ratio Lower Upper
117 100
119 1217.3 78.2 117.4#
201 0.0 81.7 122.5#



#20
3+4-Methylphenols
Concen: 2.196 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

Tgt Ion:107 Resp: 32710
Ion Ratio Lower Upper
107 100
108 87.7 70.5 110.5
77 57.6 91.7 131.7#
79 28.3 7.1 47.1

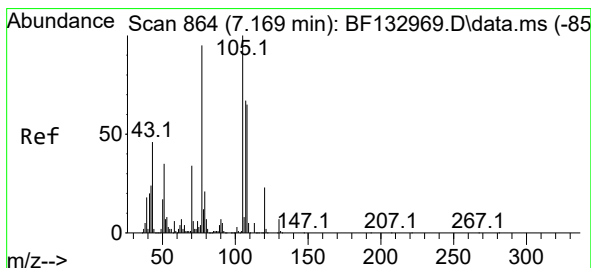
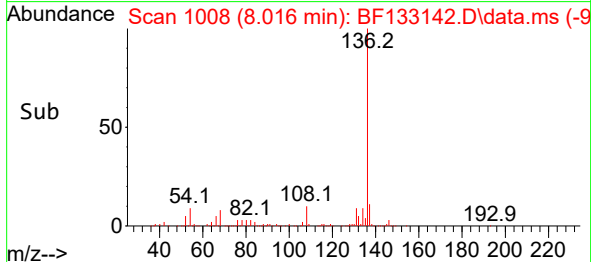
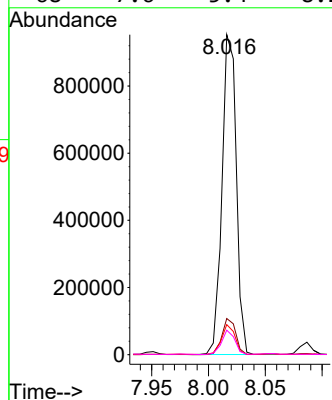
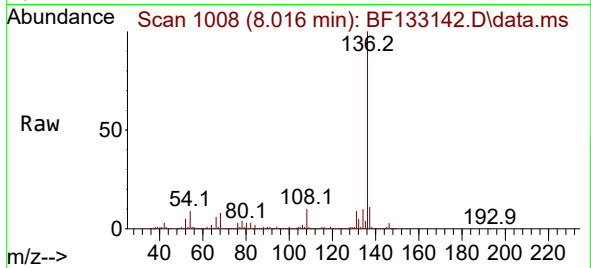




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

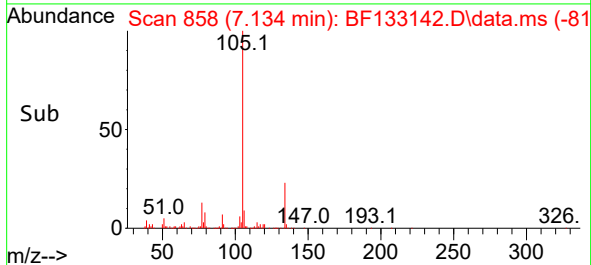
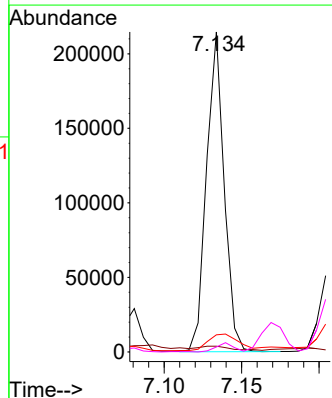
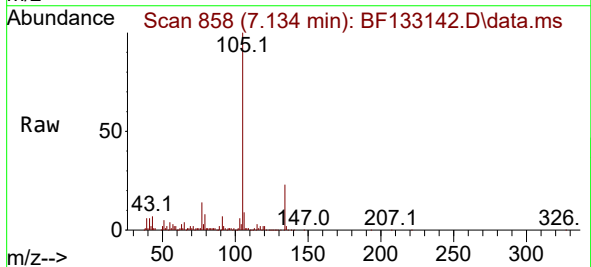
Instrument :
BNA_F
ClientSampleId :
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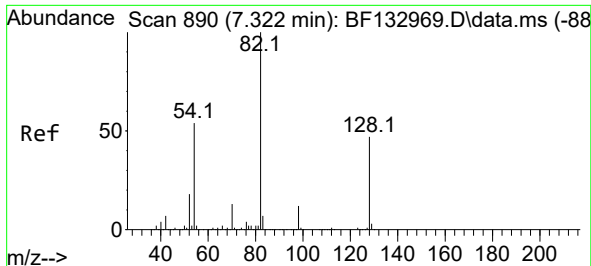
Tgt Ion	136	Resp:	835985
	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.4	7.0	10.4
68	7.6	5.4	8.2



#22
Acetophenone
Concen: 8.758 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.018 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

Tgt	Ion:105	Resp:	169595
Ion	Ratio	Lower	Upper
105	100		
71	1.8	4.6	7.0#
51	5.4	28.2	42.2#
120	1.6	18.4	27.6#





#23

Nitrobenzene-d5

Concen: 41.434 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF133142.D

Acq: 29 Apr 2023 02:08

Instrument :

BNA_F

ClientSampleId :

MW-6DL

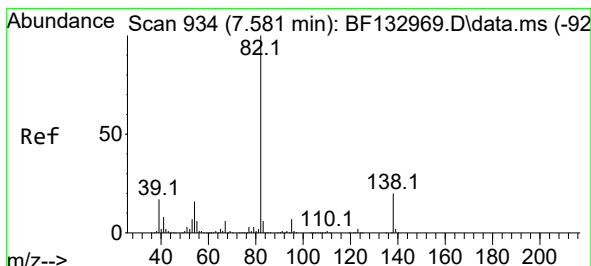
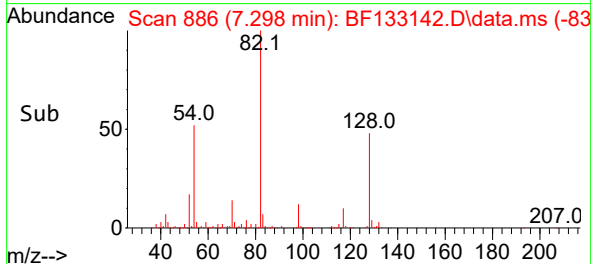
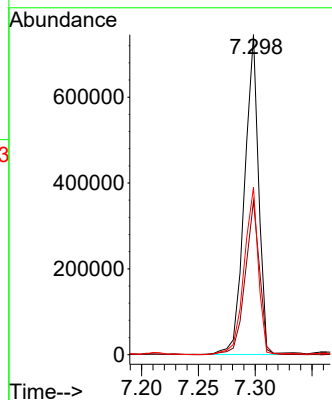
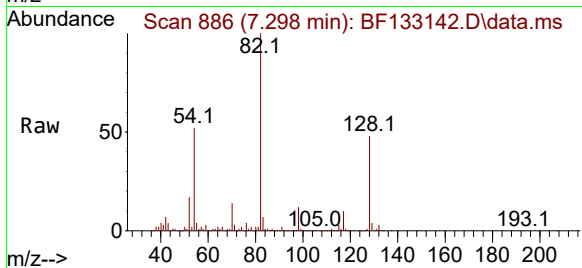
Tgt Ion: 82 Resp: 641722

Ion Ratio Lower Upper

82 100

128 48.0 37.7 56.5

54 52.3 43.0 64.4



#25

Isophorone

Concen: 21.334 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.265 min

Lab File: BF133142.D

Acq: 29 Apr 2023 02:08

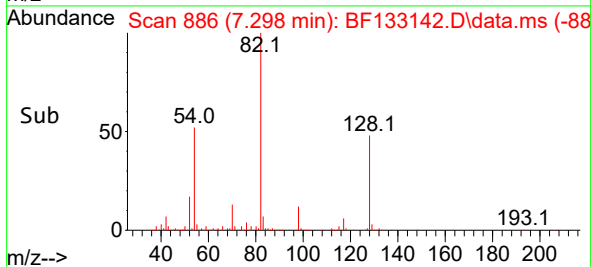
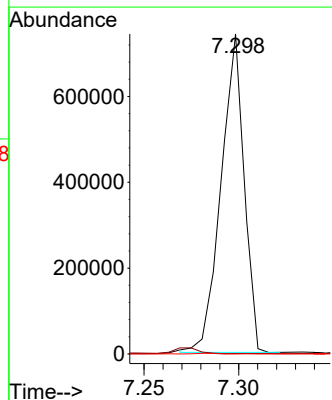
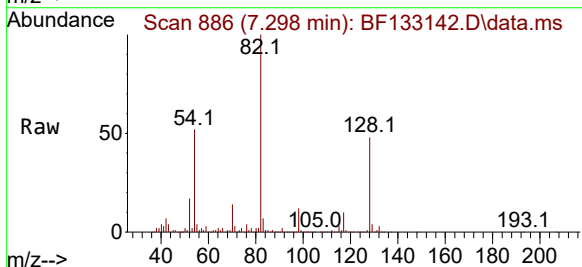
Tgt Ion: 82 Resp: 627355

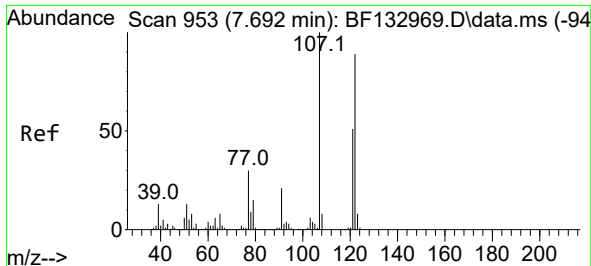
Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.0#

138 0.0 16.0 24.0#





#27

2,4-Dimethylphenol

Concen: 2.353 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.130 min

Lab File: BF133142.D

Acq: 29 Apr 2023 02:08

Instrument :

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ClientSampleId :

MW-6DL

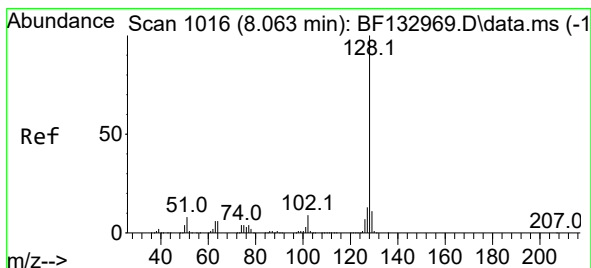
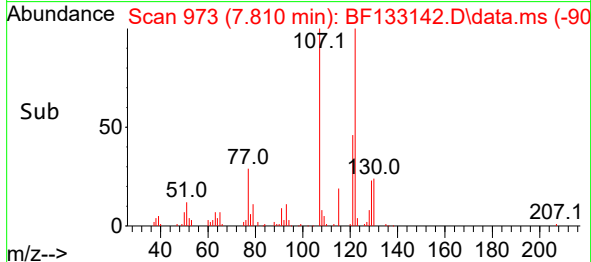
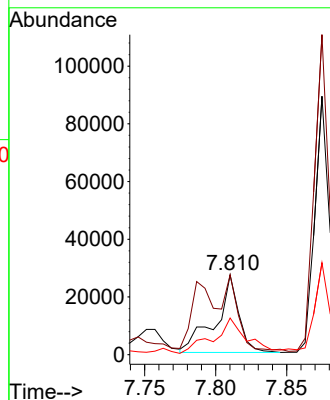
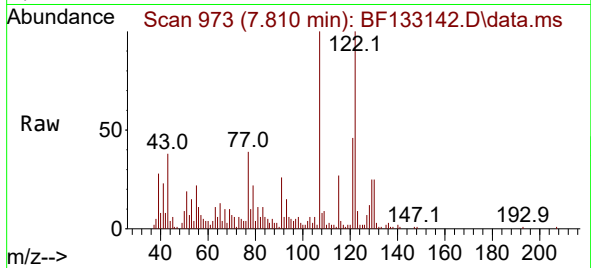
Tgt Ion:122 Resp: 30537

Ion Ratio Lower Upper

122 100

107 100.2 89.7 134.5

121 46.0 46.0 69.0



#31

Naphthalene

Concen: 12.407 ng

RT: 8.039 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF133142.D

Acq: 29 Apr 2023 02:08

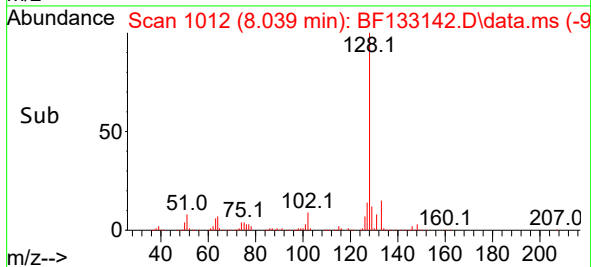
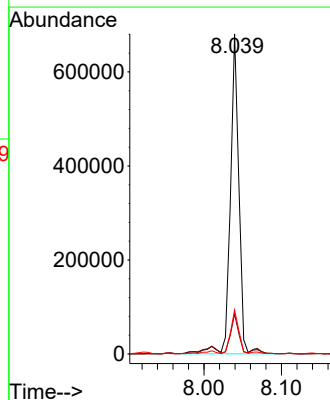
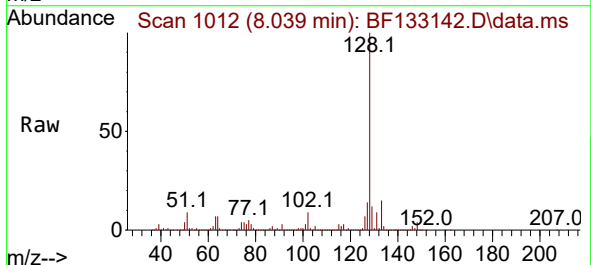
Tgt Ion:128 Resp: 518573

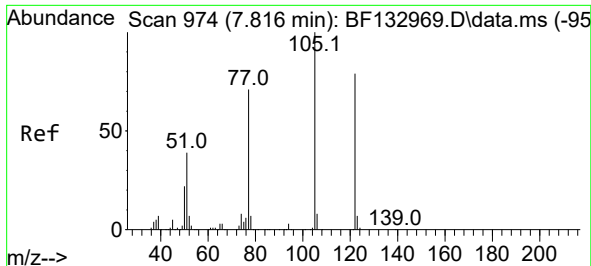
Ion Ratio Lower Upper

128 100

129 12.4 8.8 13.2

127 13.7 10.7 16.1

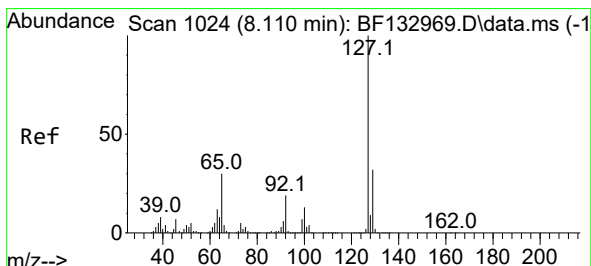
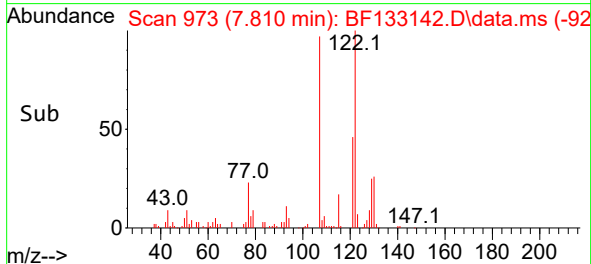
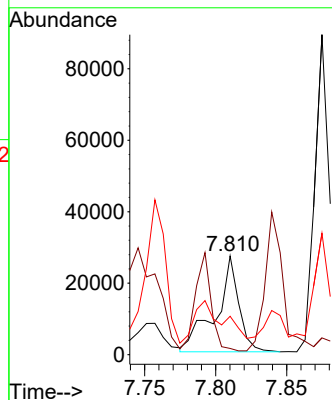
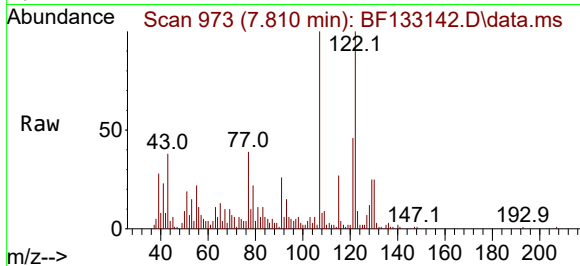




#32
Benzoic acid
Concen: 3.809 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

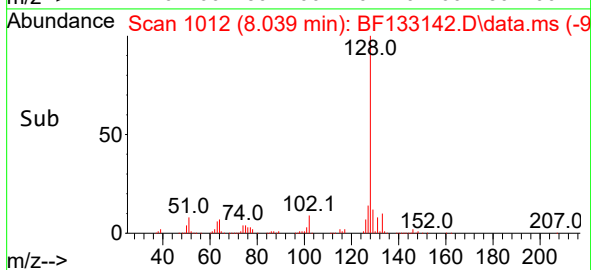
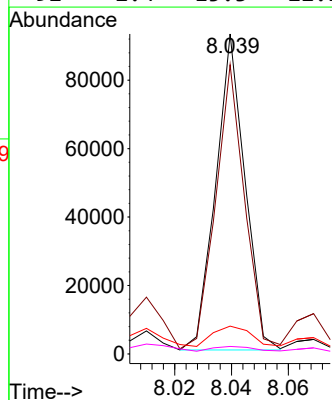
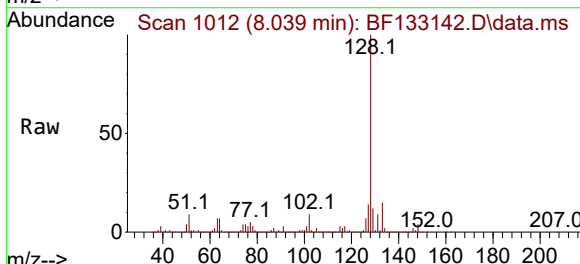
Instrument :
BNA_F
ClientSampleId :
MW-6DL

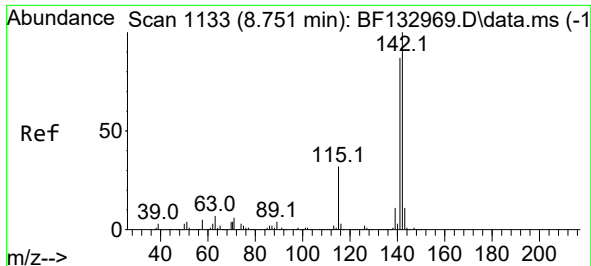
Tgt Ion:122 Resp: 30537
Ion Ratio Lower Upper
122 100
105 6.3 104.2 144.2#
77 39.0 69.7 109.7#



#33
4-Chloroaniline
Concen: 3.904 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.053 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

Tgt Ion:127 Resp: 65927
Ion Ratio Lower Upper
127 100
129 90.4 25.8 38.8#
65 8.7 23.6 35.4#
92 2.4 15.3 22.9#

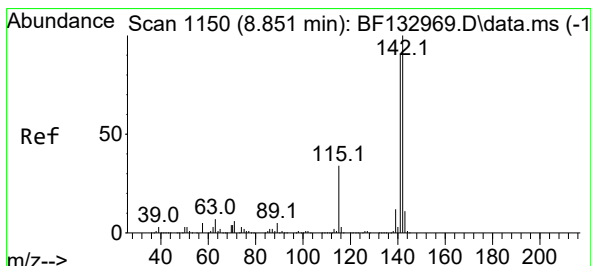
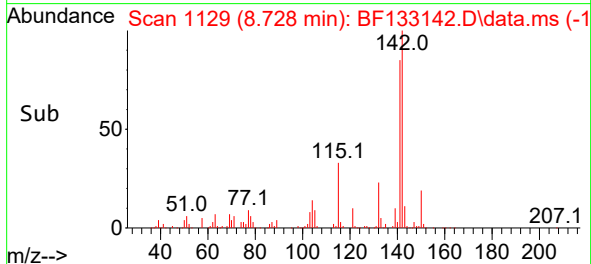
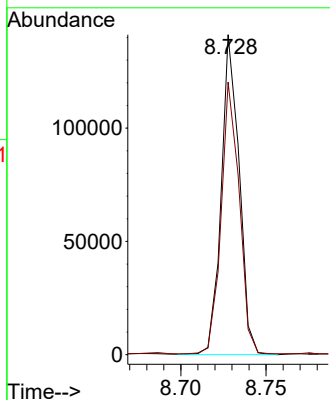
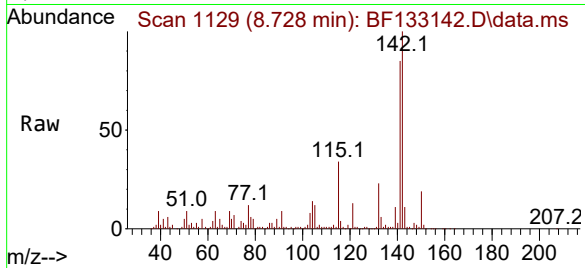




#37
2-Methylnaphthalene
Concen: 3.613 ng
RT: 8.728 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

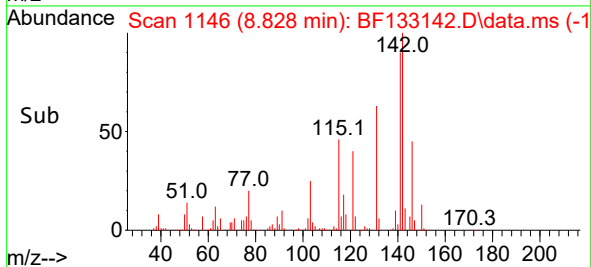
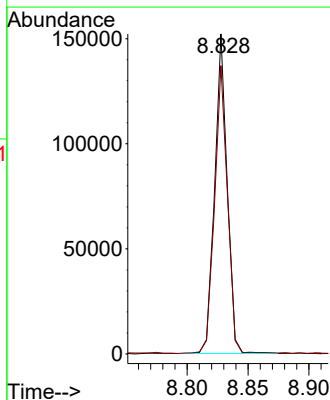
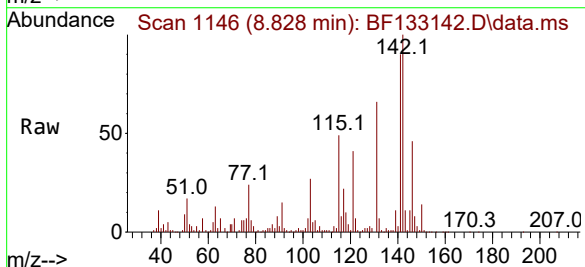
Instrument :
BNA_F
ClientSampleId :
MW-6DL

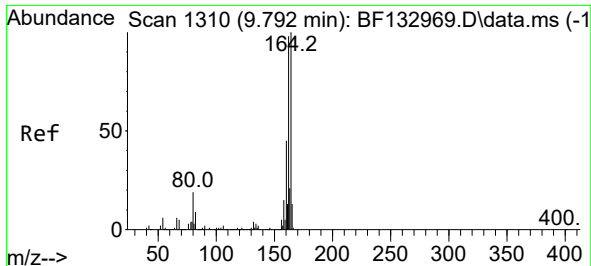
Tgt Ion:142 Resp: 103253
Ion Ratio Lower Upper
142 100
141 85.2 69.4 104.0



#38
1-Methylnaphthalene
Concen: 4.048 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

Tgt Ion:142 Resp: 108212
Ion Ratio Lower Upper
142 100
141 90.1 73.1 109.7

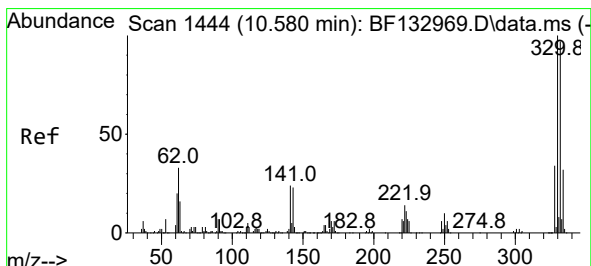
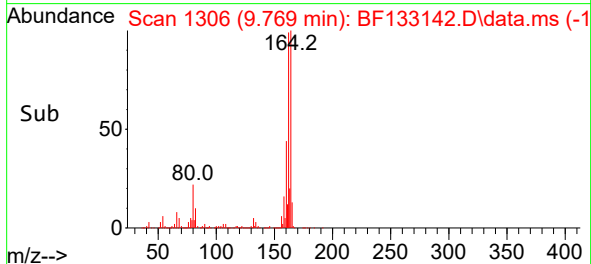
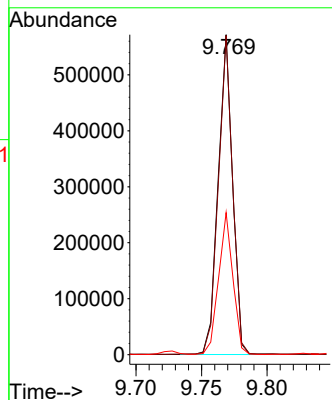
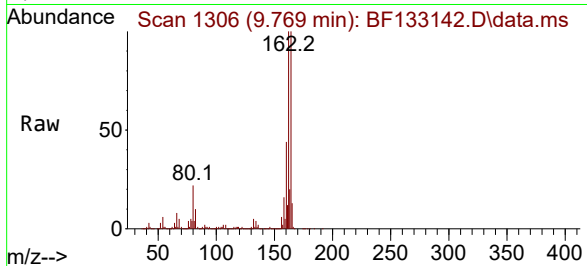




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

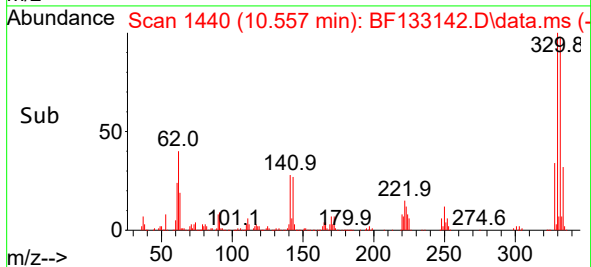
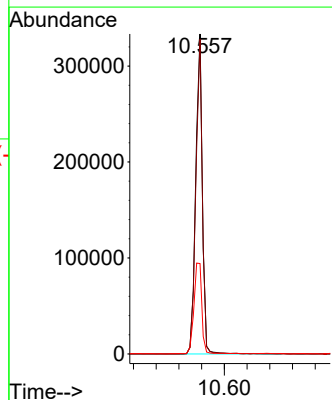
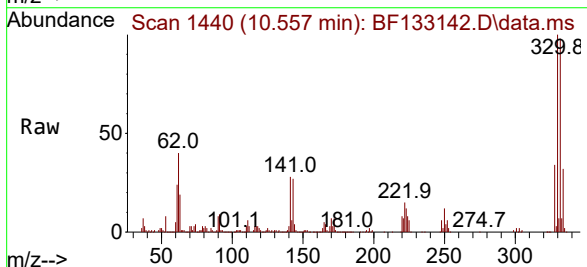
Instrument :
BNA_F
ClientSampleId :
MW-6DL

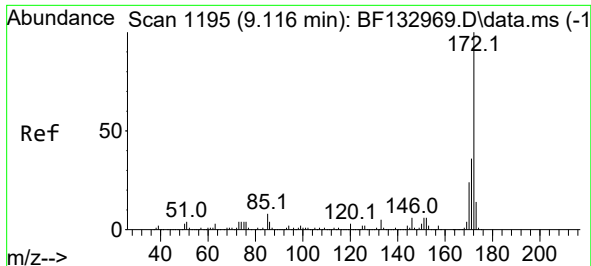
Tgt Ion:164 Resp: 435356
Ion Ratio Lower Upper
164 100
162 99.7 78.7 118.1
160 44.4 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 62.005 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

Tgt Ion:330 Resp: 271477
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 34.2 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 45.344 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF133142.D

Acq: 29 Apr 2023 02:08

Instrument :

BNA_F

ClientSampleId :

MW-6DL

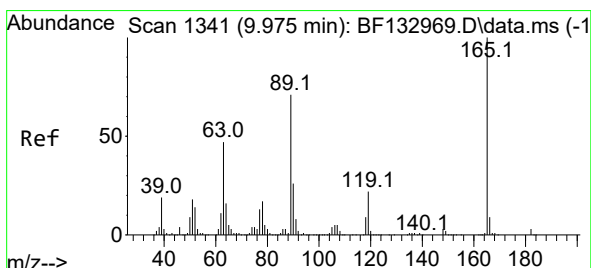
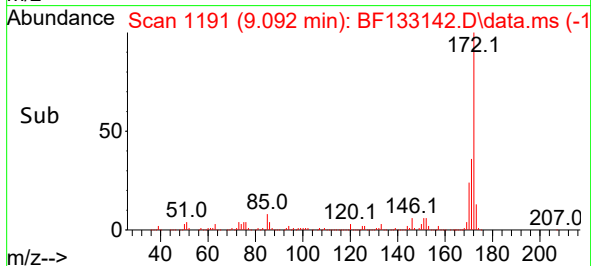
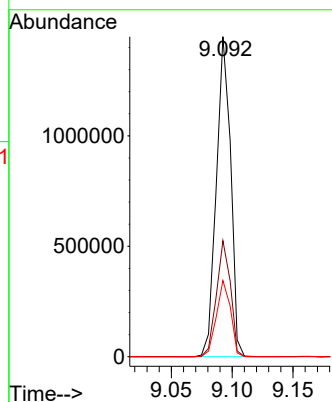
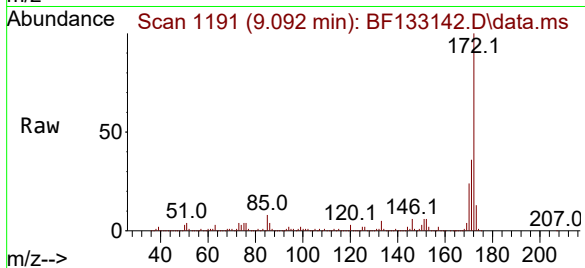
Tgt Ion:172 Resp: 1179966

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 23.8 19.4 29.2



#57

2,4-Dinitrotoluene

Concen: 6.613 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.194 min

Lab File: BF133142.D

Acq: 29 Apr 2023 02:08

Tgt Ion:165 Resp: 57624

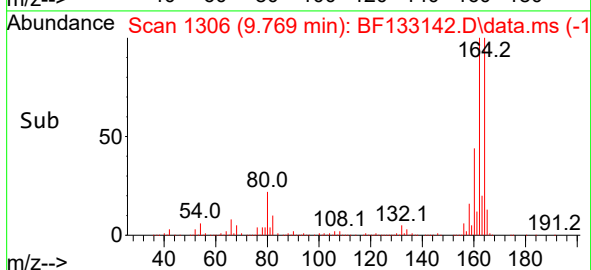
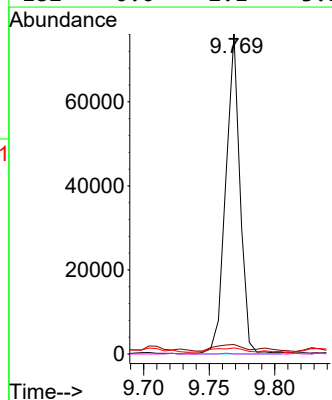
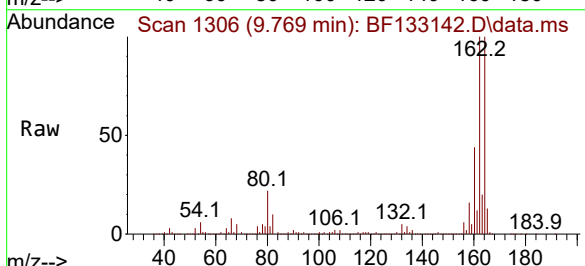
Ion Ratio Lower Upper

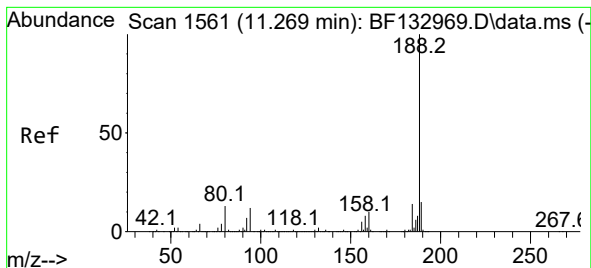
165 100

63 2.9 37.7 56.5#

89 1.9 57.0 85.4#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133142.D

Acq: 29 Apr 2023 02:08

Instrument :

BNA_F

ClientSampleId :

MW-6DL

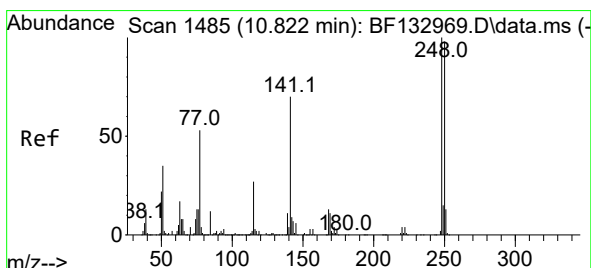
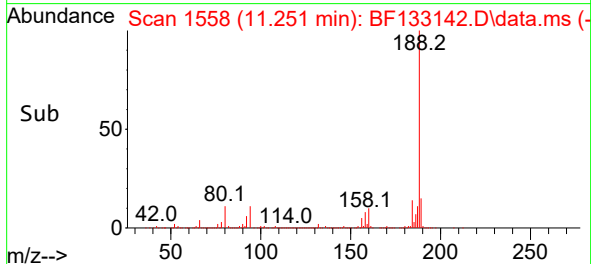
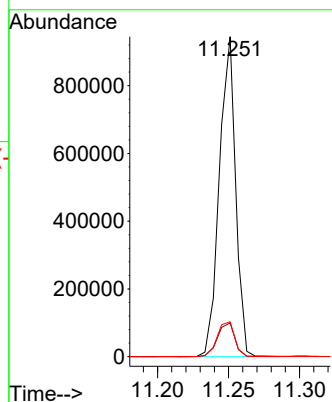
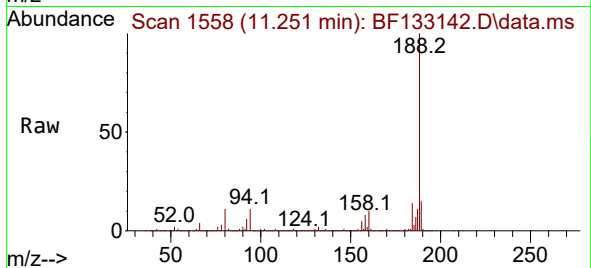
Tgt Ion:188 Resp: 752143

Ion Ratio Lower Upper

188 100

94 10.6 9.7 14.5

80 10.9 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 2.057 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.247 min

Lab File: BF133142.D

Acq: 29 Apr 2023 02:08

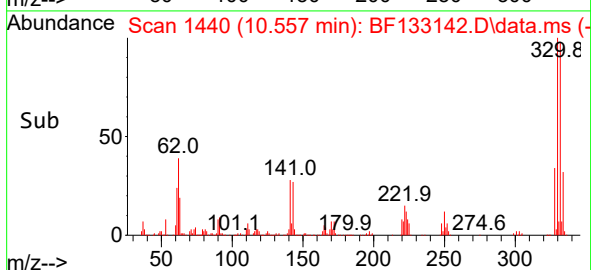
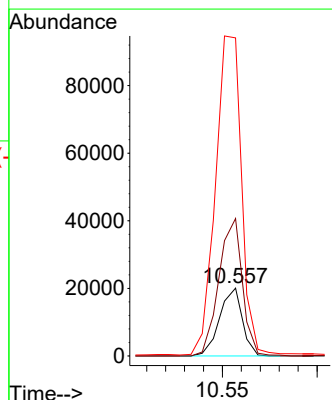
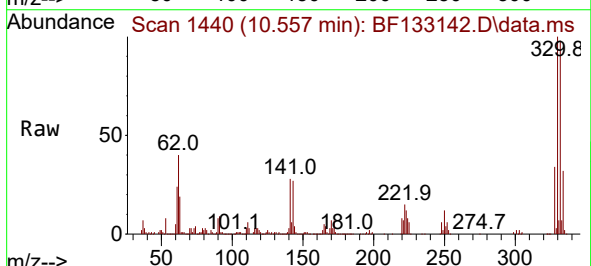
Tgt Ion:248 Resp: 16782

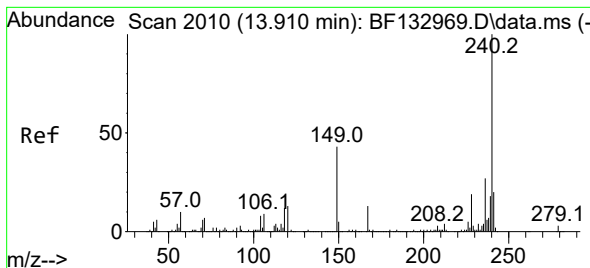
Ion Ratio Lower Upper

248 100

250 202.8 78.7 118.1#

141 469.4 56.3 84.5#

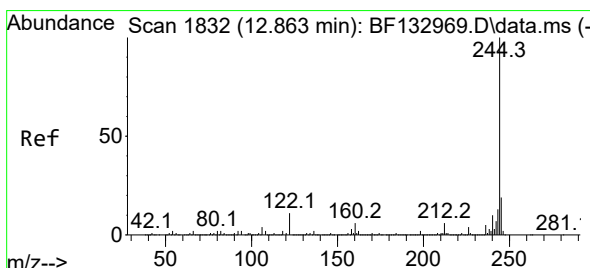
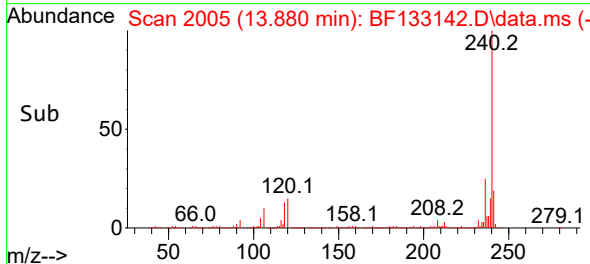
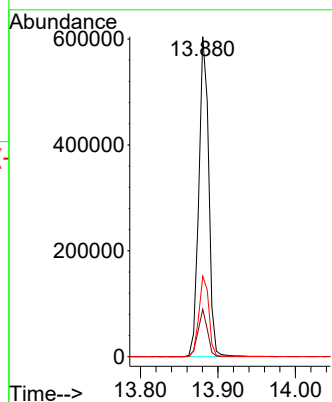
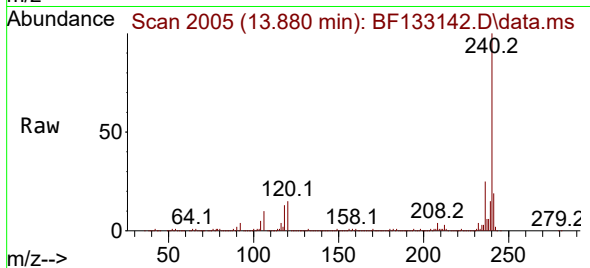




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

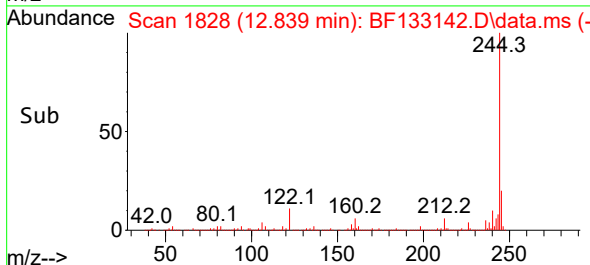
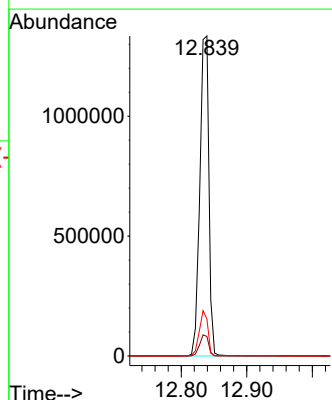
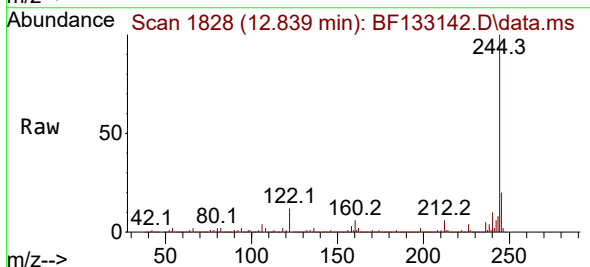
Instrument :
BNA_F
ClientSampleId :
MW-6DL

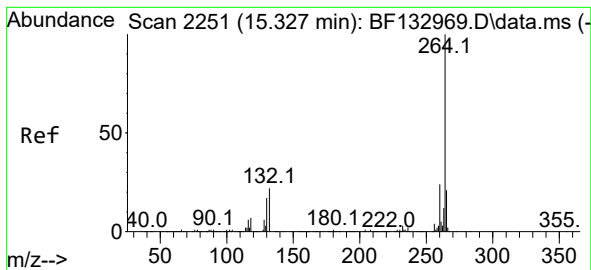
Tgt Ion:240 Resp: 535782
Ion Ratio Lower Upper
240 100
120 14.8 10.5 15.7
236 25.2 21.5 32.3



#79
Terphenyl-d14
Concen: 41.429 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

Tgt Ion:244 Resp: 1287012
Ion Ratio Lower Upper
244 100
212 6.1 5.1 7.7
122 11.5 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133142.D

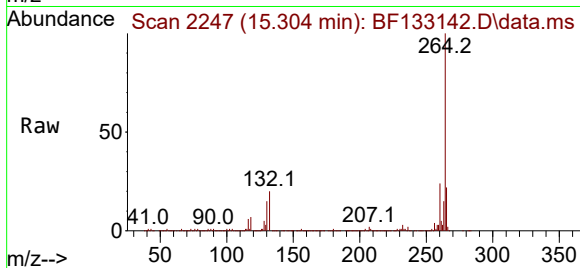
Acq: 29 Apr 2023 02:08

Instrument :

BNA_F

ClientSampleId :

MW-6DL



Tgt Ion:264 Resp: 406420

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.7 17.0 25.4

