

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133121.D
 Acq On : 28 Apr 2023 13:55
 Operator : CG\JU
 Sample : 02522-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Quant Time: May 01 05:04:06 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)

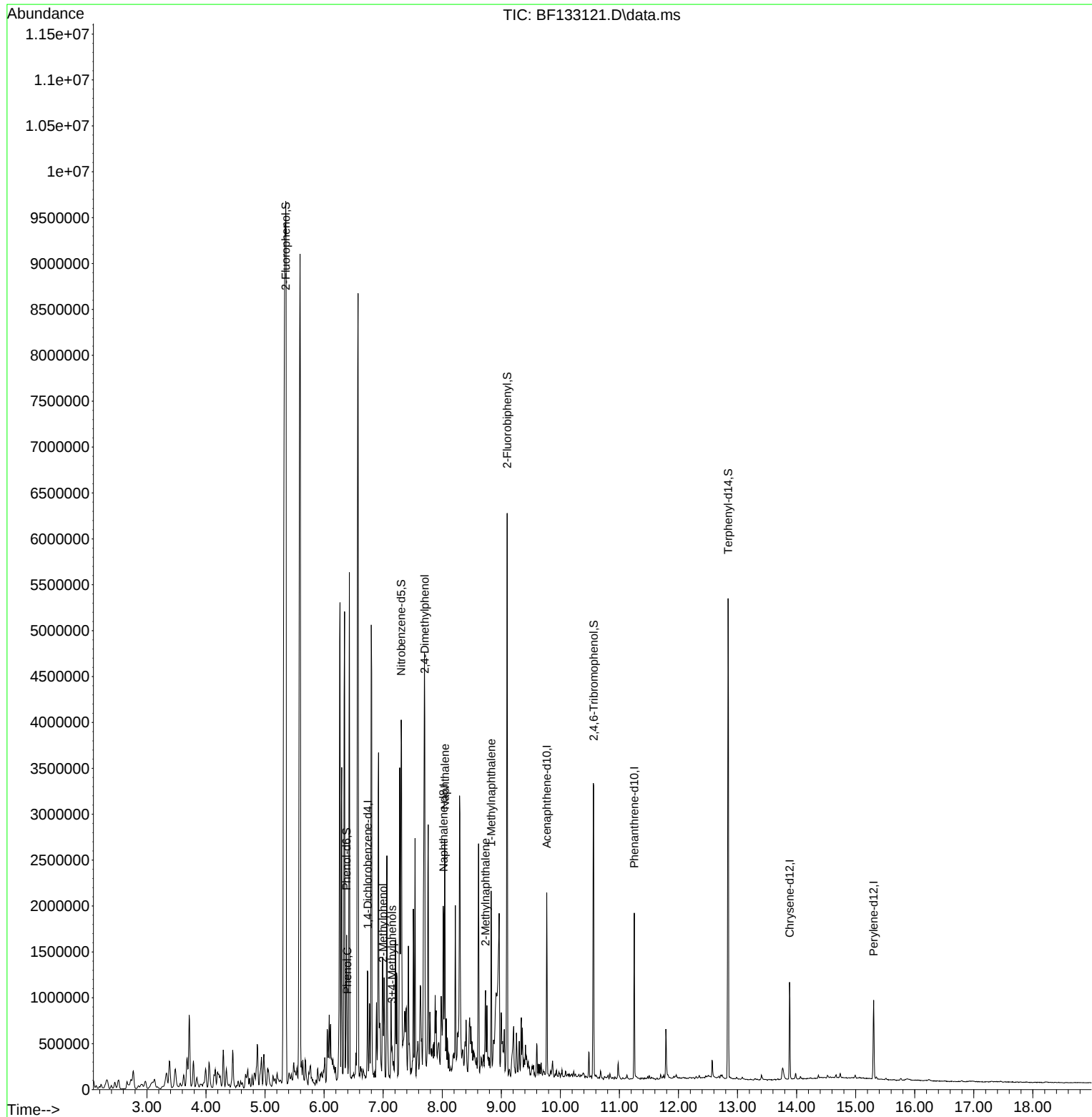
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	164435	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	640253	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	344025	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	586135	20.000	ng	0.00
76) Chrysene-d12	13.880	240	334570	20.000	ng	-0.01
86) Perylene-d12	15.304	264	347579	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	395743	36.356	ng	0.01
7) Phenol-d6	6.381	99	573937	42.479	ng	0.00
23) Nitrobenzene-d5	7.304	82	1038767	87.574	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	473491	136.854	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1839814	89.470	ng	0.00
79) Terphenyl-d14	12.839	244	2006383	103.427	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.393	94	75291	5.051	ng	100
17) 2-Methylphenol	6.998	107	60079	5.937	ng	91
20) 3+4-Methylphenols	7.151	107	58748	4.929	ng	# 65
27) 2,4-Dimethylphenol	7.704	122	966643	97.238	ng	# 90
31) Naphthalene	8.045	128	802083	25.057	ng	99
37) 2-Methylnaphthalene	8.734	142	177406	8.106	ng	100
38) 1-Methylnaphthalene	8.828	142	182522	8.915	ng	99

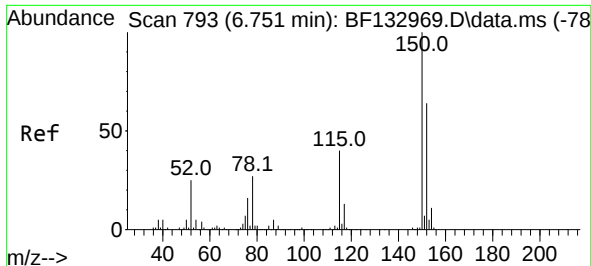
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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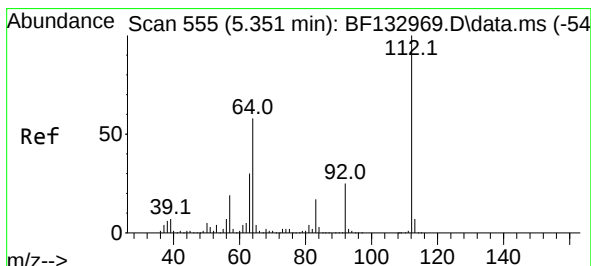
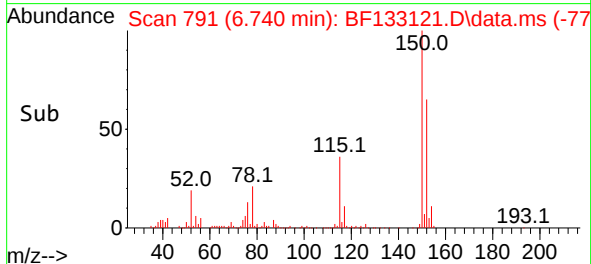
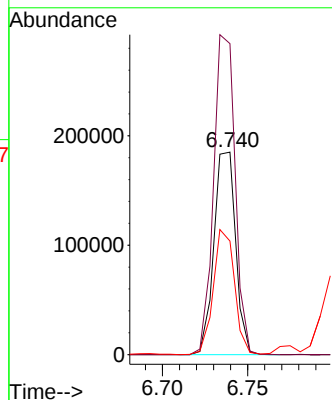
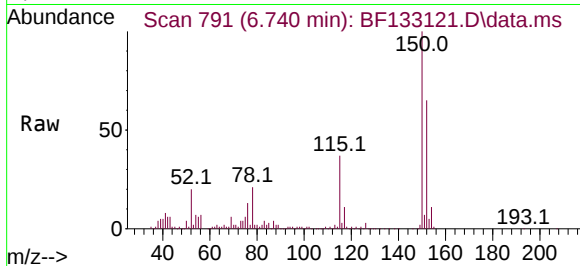




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 793
Delta R.T. 0.001 min
Lab File: BF133121.D
Acq: 28 Apr 2023 13:55

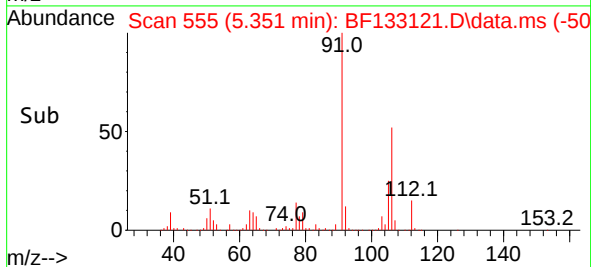
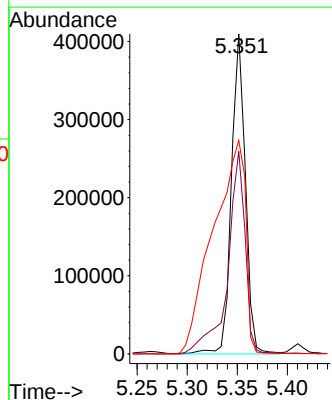
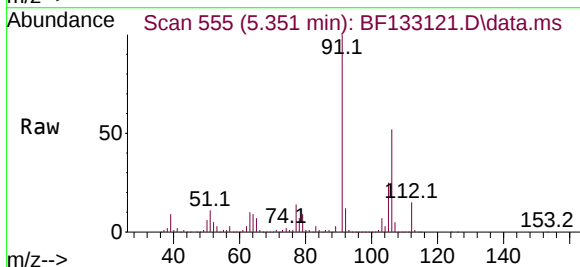
Instrument :
BNA_F
ClientSampleId :
MW-6

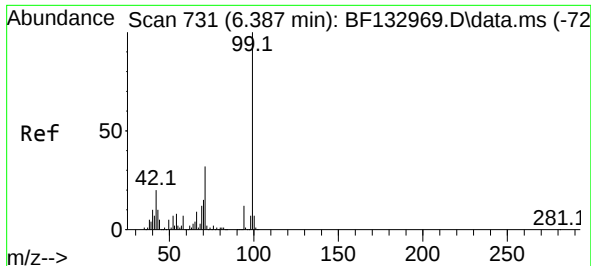
Tgt Ion:152 Resp: 164435
Ion Ratio Lower Upper
152 100
150 153.5 124.8 187.2
115 56.0 49.9 74.9



#5
2-Fluorophenol
Concen: 36.356 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.012 min
Lab File: BF133121.D
Acq: 28 Apr 2023 13:55

Tgt Ion:112 Resp: 395743
Ion Ratio Lower Upper
112 100
64 63.3 46.8 70.2
63 66.7 23.8 35.8#





#7

Phenol-d6

Concen: 42.479 ng

RT: 6.381 min Scan# 731

Delta R.T. 0.000 min

Lab File: BF133121.D

Acq: 28 Apr 2023 13:55

Instrument :

BNA_F

ClientSampleId :

MW-6

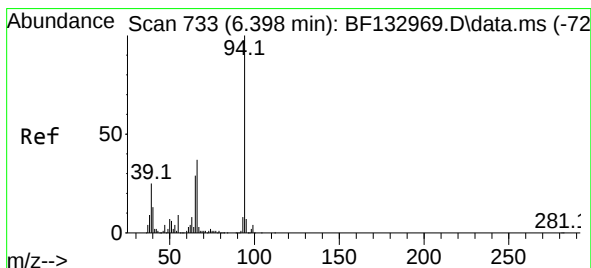
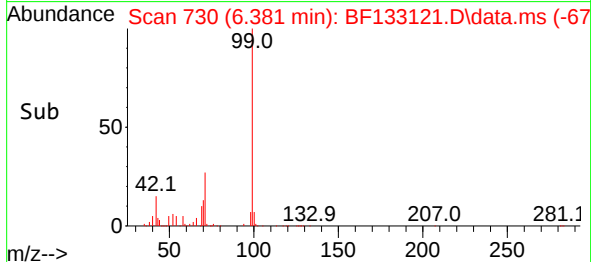
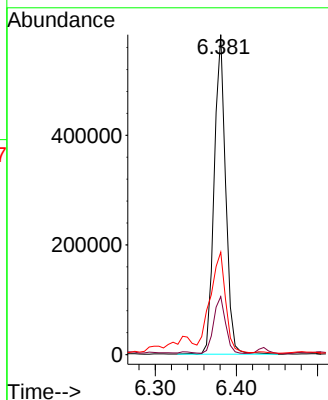
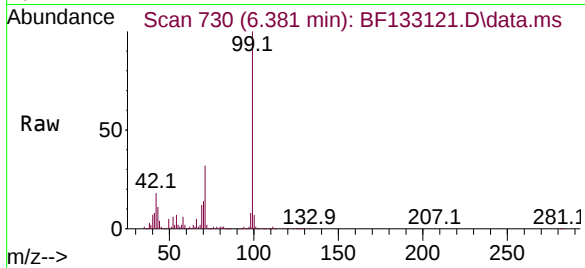
Tgt Ion: 99 Resp: 573937

Ion Ratio Lower Upper

99 100

42 18.1 16.3 24.5

71 32.0 25.6 38.4



#10

Phenol

Concen: 5.051 ng

RT: 6.393 min Scan# 732

Delta R.T. 0.000 min

Lab File: BF133121.D

Acq: 28 Apr 2023 13:55

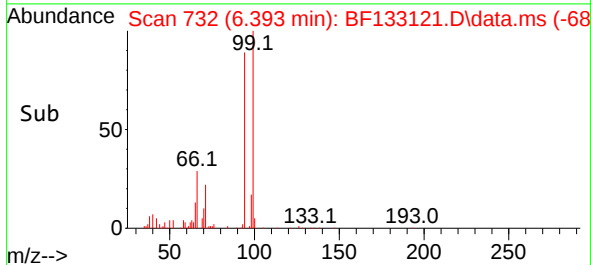
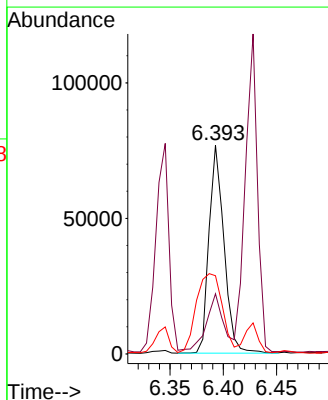
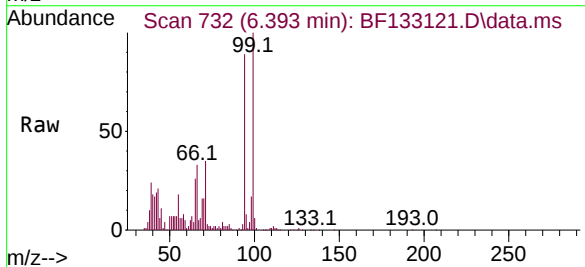
Tgt Ion: 94 Resp: 75291

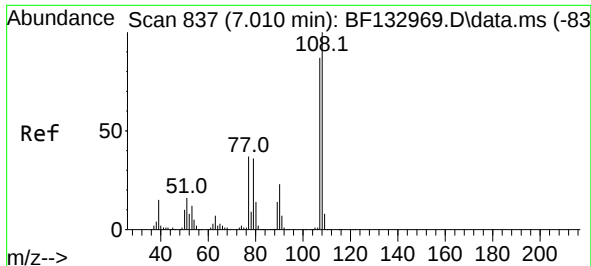
Ion Ratio Lower Upper

94 100

65 28.8 8.6 48.6

66 37.4 17.3 57.3

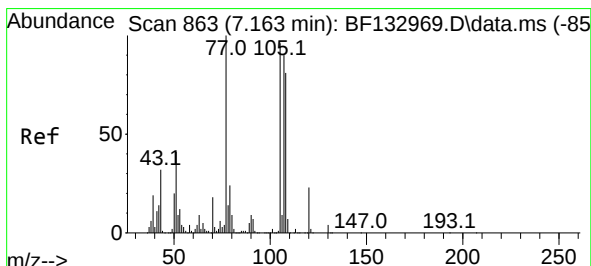
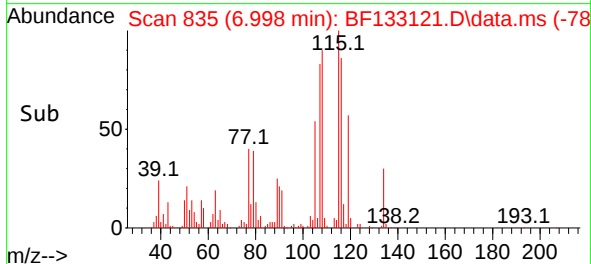
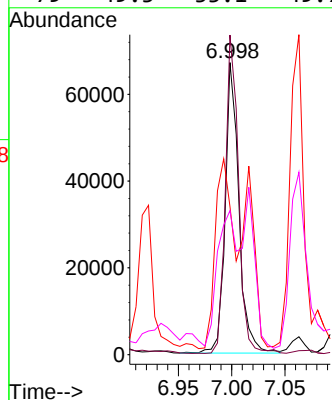
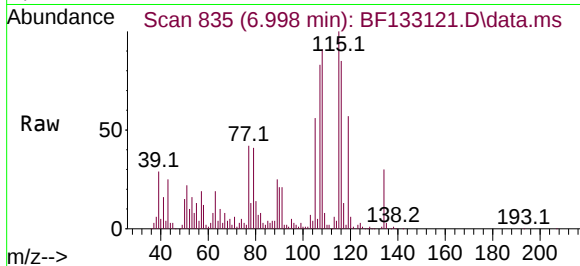




#17
2-Methylphenol
Concen: 5.937 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133121.D
Acq: 28 Apr 2023 13:55

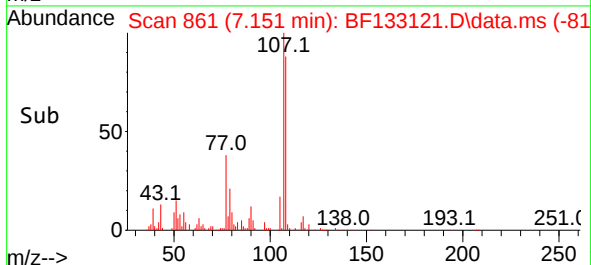
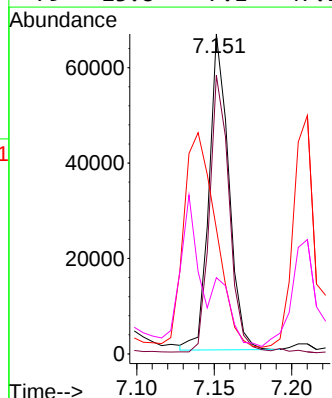
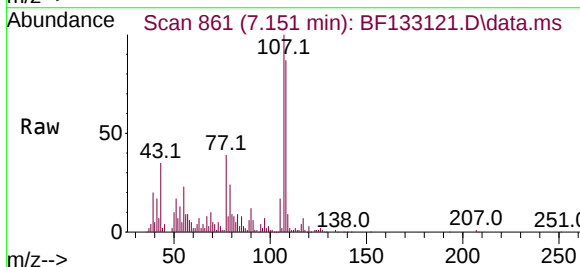
Instrument :
BNA_F
ClientSampleId :
MW-6

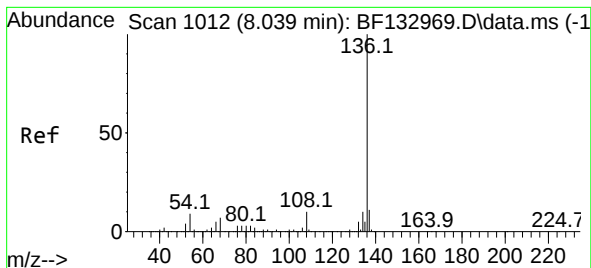
Tgt Ion:107	Resp:	60079
Ion	Ratio	Lower Upper
107	100	
108	109.4	92.4 138.6
77	50.7	33.8 50.8
79	49.3	33.1 49.7



#20
3+4-Methylphenols
Concen: 4.929 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133121.D
Acq: 28 Apr 2023 13:55

Tgt Ion:107	Resp:	58748
Ion	Ratio	Lower Upper
107	100	
108	87.1	70.5 110.5
77	39.1	91.7 131.7#
79	23.8	7.1 47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.022 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF133121.D

Acq: 28 Apr 2023 13:55

Instrument :

BNA_F

ClientSampleId :

MW-6

Tgt Ion:136 Resp: 640253

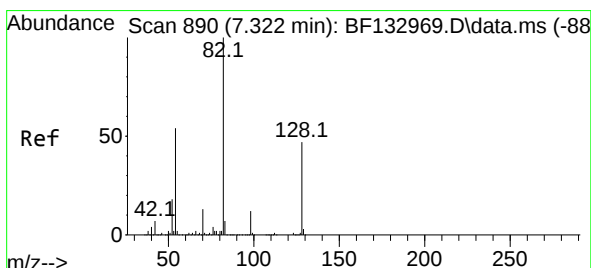
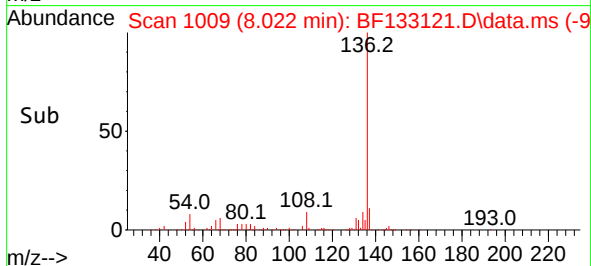
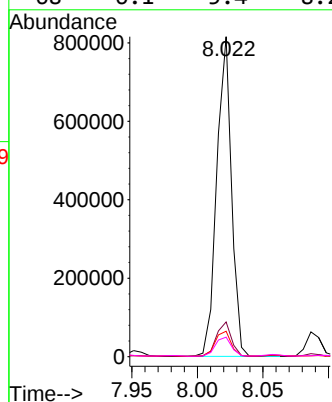
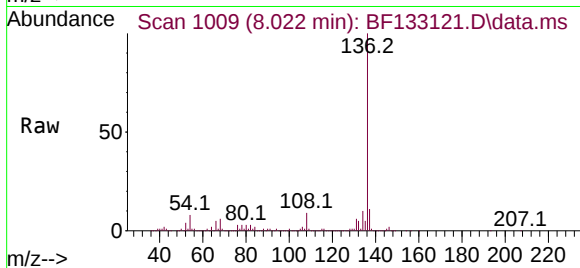
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.9 7.0 10.4

68 6.1 5.4 8.2



#23

Nitrobenzene-d5

Concen: 87.574 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.000 min

Lab File: BF133121.D

Acq: 28 Apr 2023 13:55

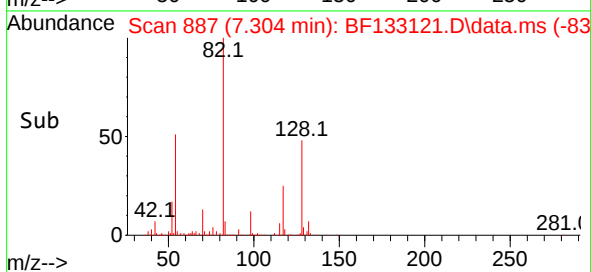
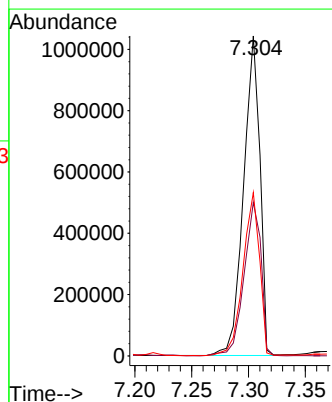
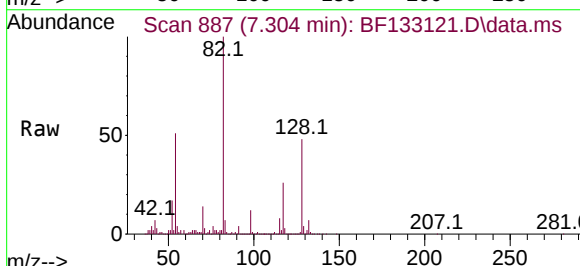
Tgt Ion: 82 Resp: 1038767

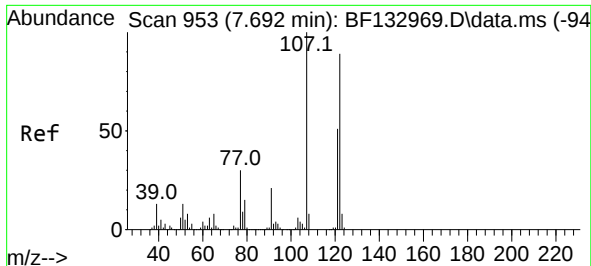
Ion Ratio Lower Upper

82 100

128 48.0 37.7 56.5

54 51.0 43.0 64.4

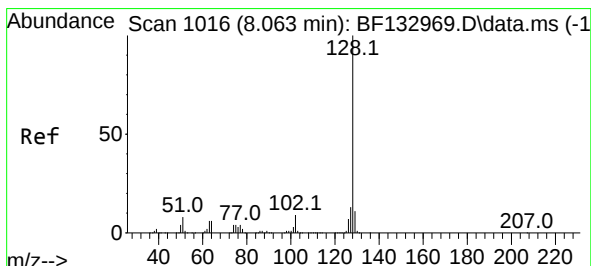
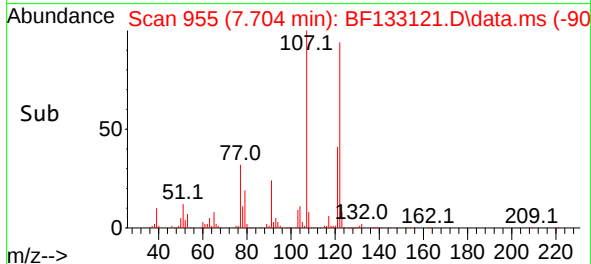
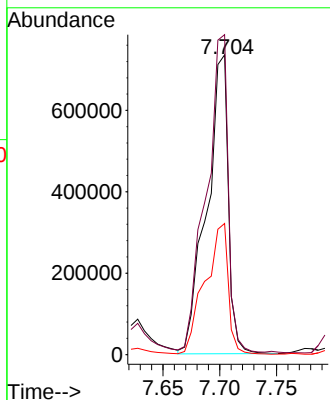
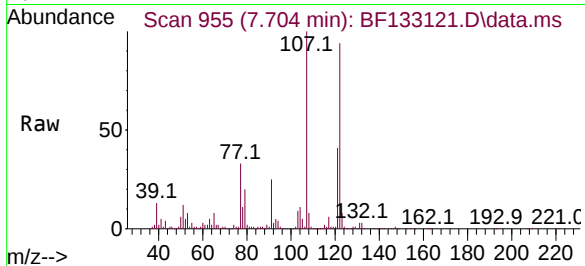




#27
2,4-Dimethylphenol
Concen: 97.238 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.024 min
Lab File: BF133121.D
Acq: 28 Apr 2023 13:55

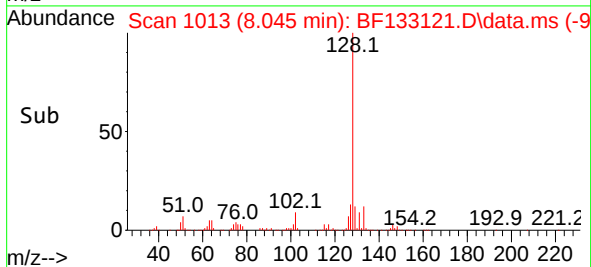
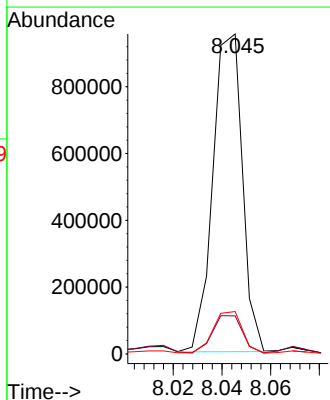
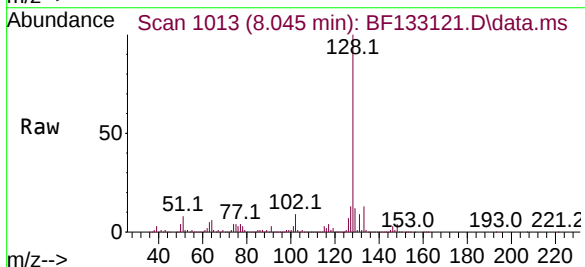
Instrument :
BNA_F
ClientSampleId :
MW-6

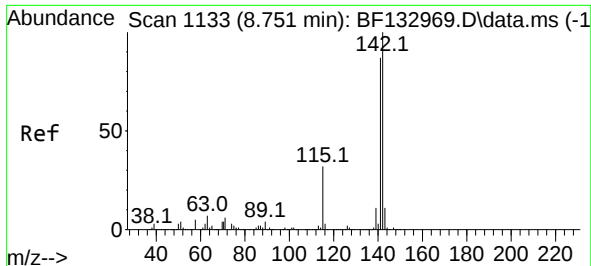
Tgt Ion:122 Resp: 966643
Ion Ratio Lower Upper
122 100
107 106.8 89.7 134.5
121 43.8 46.0 69.0#



#31
Naphthalene
Concen: 25.057 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133121.D
Acq: 28 Apr 2023 13:55

Tgt Ion:128 Resp: 802083
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 13.2 10.7 16.1





#37

2-Methylnaphthalene

Concen: 8.106 ng

RT: 8.734 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF133121.D

Acq: 28 Apr 2023 13:55

Instrument :

BNA_F

ClientSampleId :

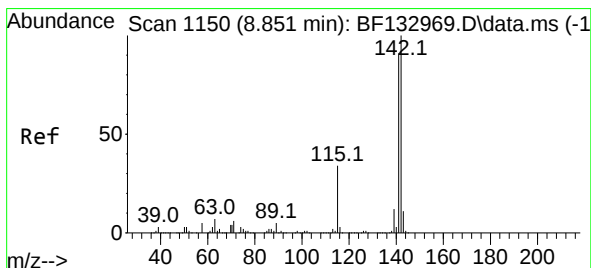
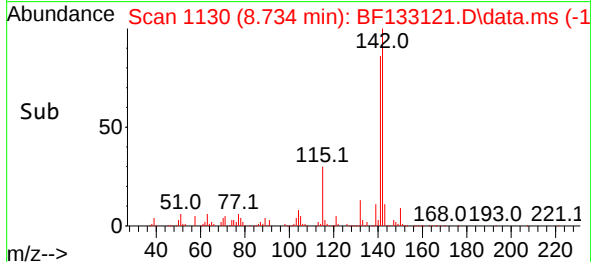
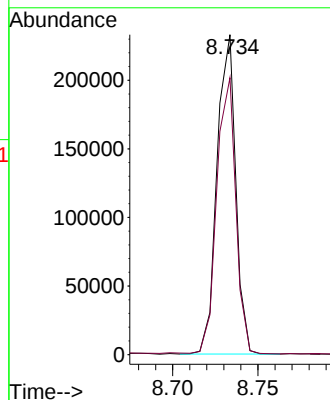
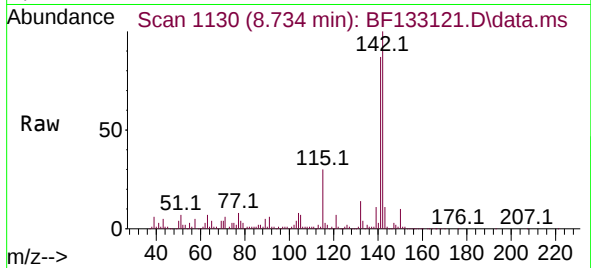
MW-6

Tgt Ion:142 Resp: 177406

Ion Ratio Lower Upper

142 100

141 86.5 69.4 104.0



#38

1-Methylnaphthalene

Concen: 8.915 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF133121.D

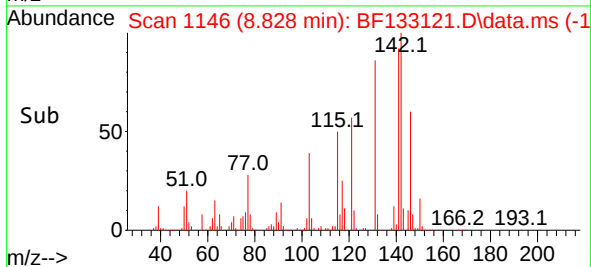
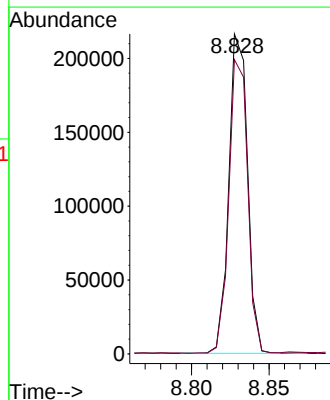
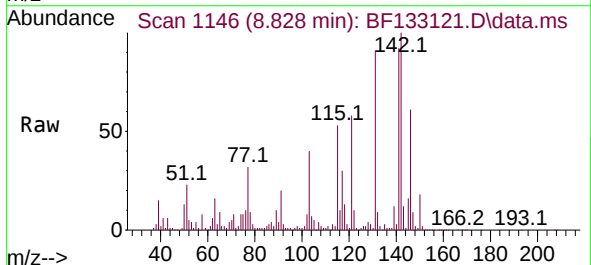
Acq: 28 Apr 2023 13:55

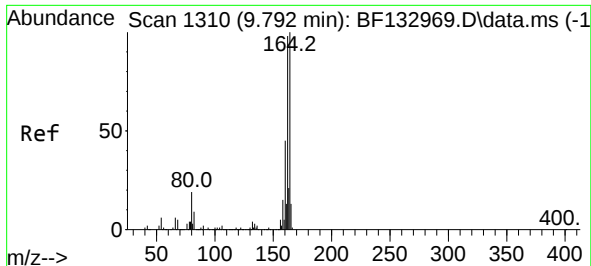
Tgt Ion:142 Resp: 182522

Ion Ratio Lower Upper

142 100

141 91.9 73.1 109.7

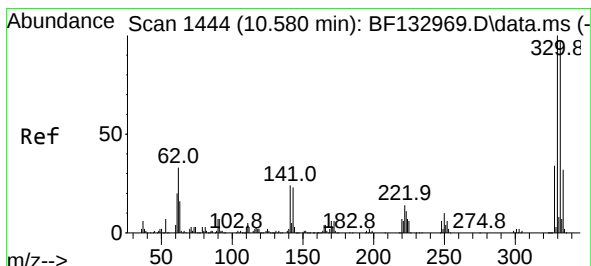
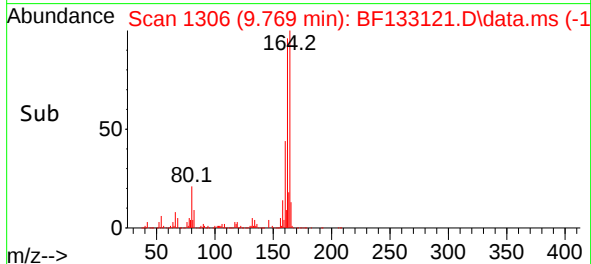
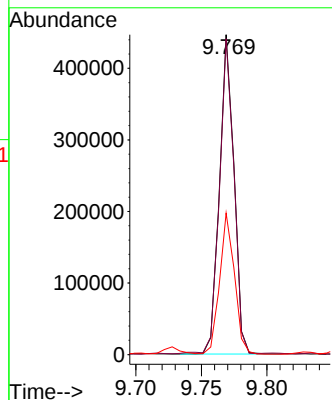
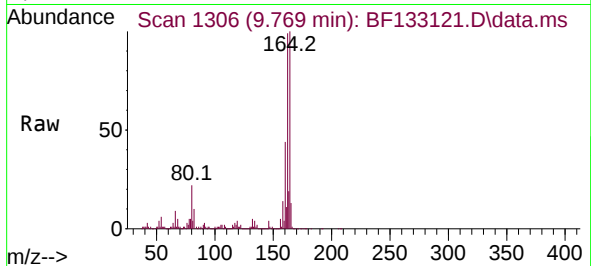




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF133121.D
Acq: 28 Apr 2023 13:55

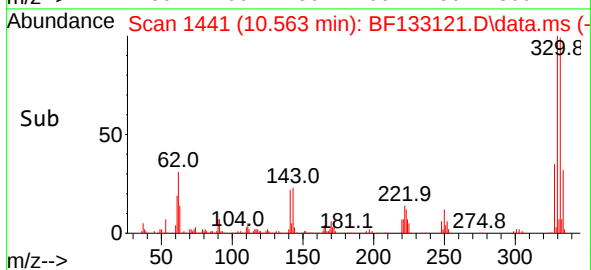
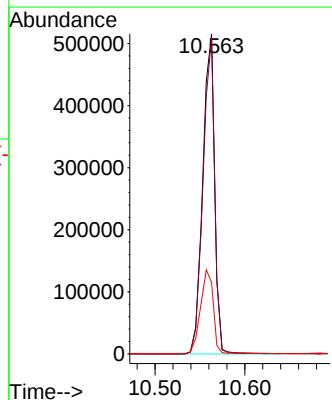
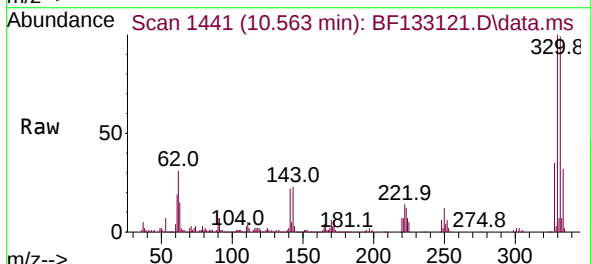
Instrument :
BNA_F
ClientSampleId :
MW-6

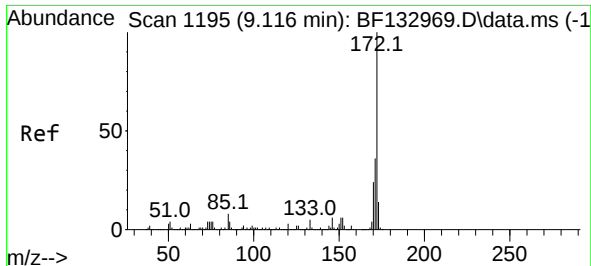
Tgt Ion:164 Resp: 344025
Ion Ratio Lower Upper
164 100
162 98.7 78.7 118.1
160 44.2 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 136.854 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133121.D
Acq: 28 Apr 2023 13:55

Tgt Ion:330 Resp: 473491
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 28.0 25.8 38.8

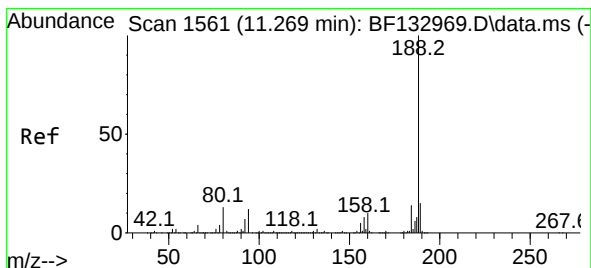
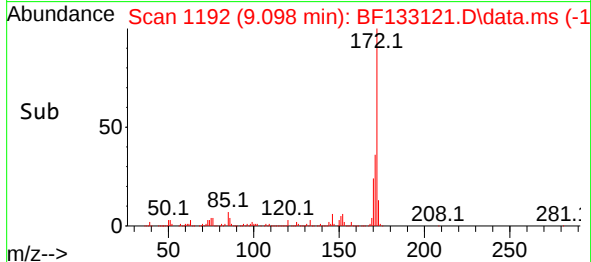
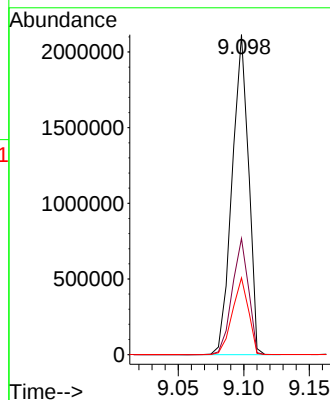
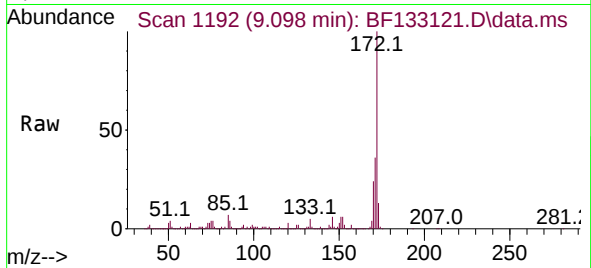




#45
2-Fluorobiphenyl
Concen: 89.470 ng
RT: 9.098 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF133121.D
Acq: 28 Apr 2023 13:55

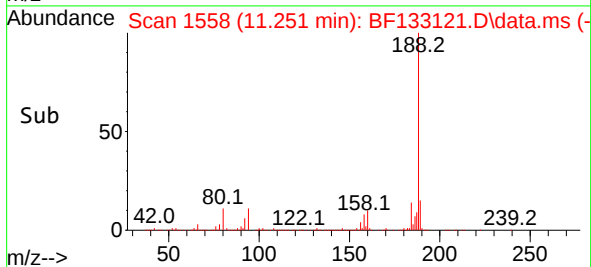
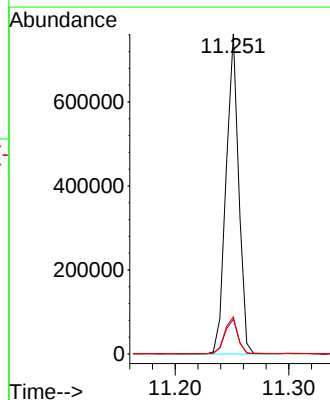
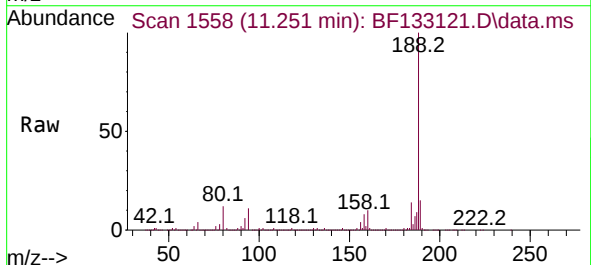
Instrument :
BNA_F
ClientSampleId :
MW-6

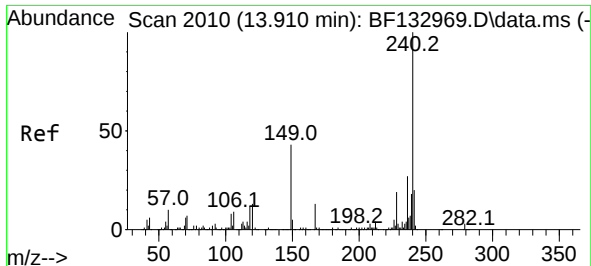
Tgt Ion:172 Resp: 1839814
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.0 19.4 29.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BF133121.D
Acq: 28 Apr 2023 13:55

Tgt Ion:188 Resp: 586135
Ion Ratio Lower Upper
188 100
94 10.9 9.7 14.5
80 11.6 10.4 15.6

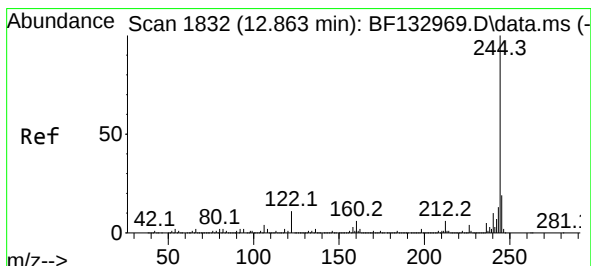
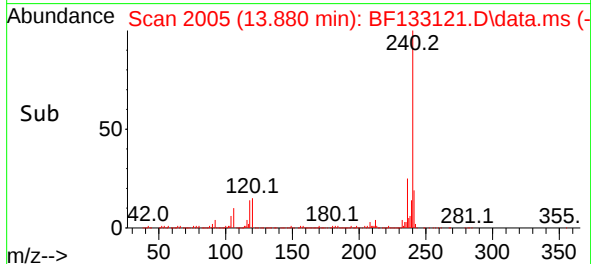
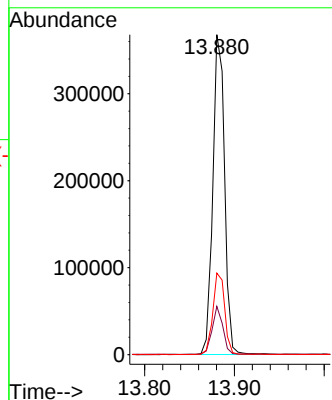
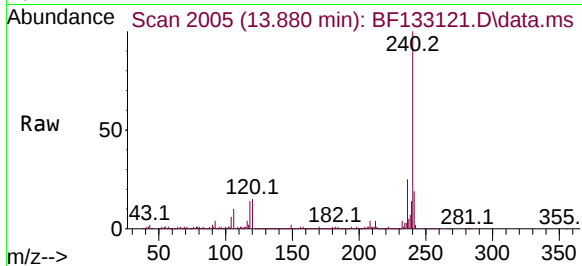




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF133121.D
Acq: 28 Apr 2023 13:55

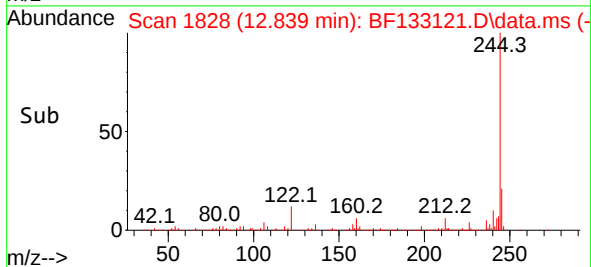
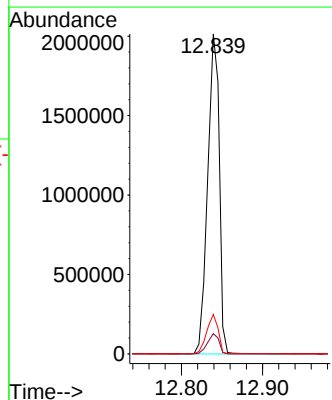
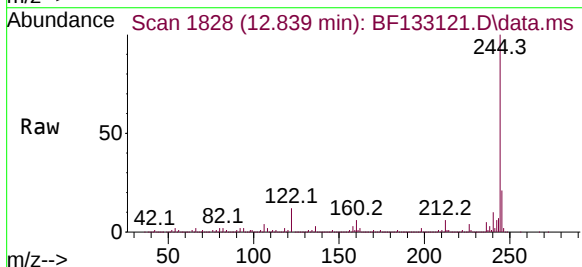
Instrument :
BNA_F
ClientSampleId :
MW-6

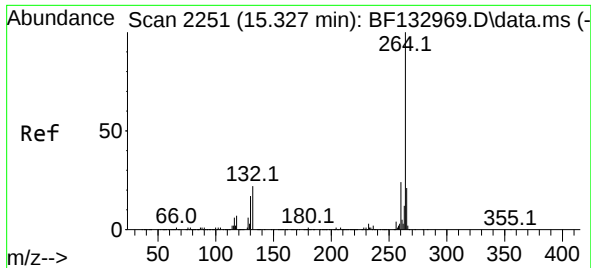
Tgt Ion:240 Resp: 334570
Ion Ratio Lower Upper
240 100
120 15.1 10.5 15.7
236 25.5 21.5 32.3



#79
Terphenyl-d14
Concen: 103.427 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF133121.D
Acq: 28 Apr 2023 13:55

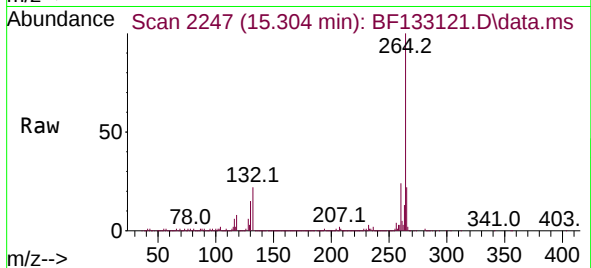
Tgt Ion:244 Resp: 2006383
Ion Ratio Lower Upper
244 100
212 6.3 5.1 7.7
122 12.3 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133121.D
Acq: 28 Apr 2023 13:55

Instrument :
BNA_F
ClientSampleId :
MW-6



Tgt Ion:264 Resp: 347579

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.7	17.0	25.4

