

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
 Data File : BF130324.D
 Acq On : 19 Sep 2022 16:59
 Operator : CG\JU
 Sample : N4648-01DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N48854-1040DL

Quant Time: Sep 20 02:25:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

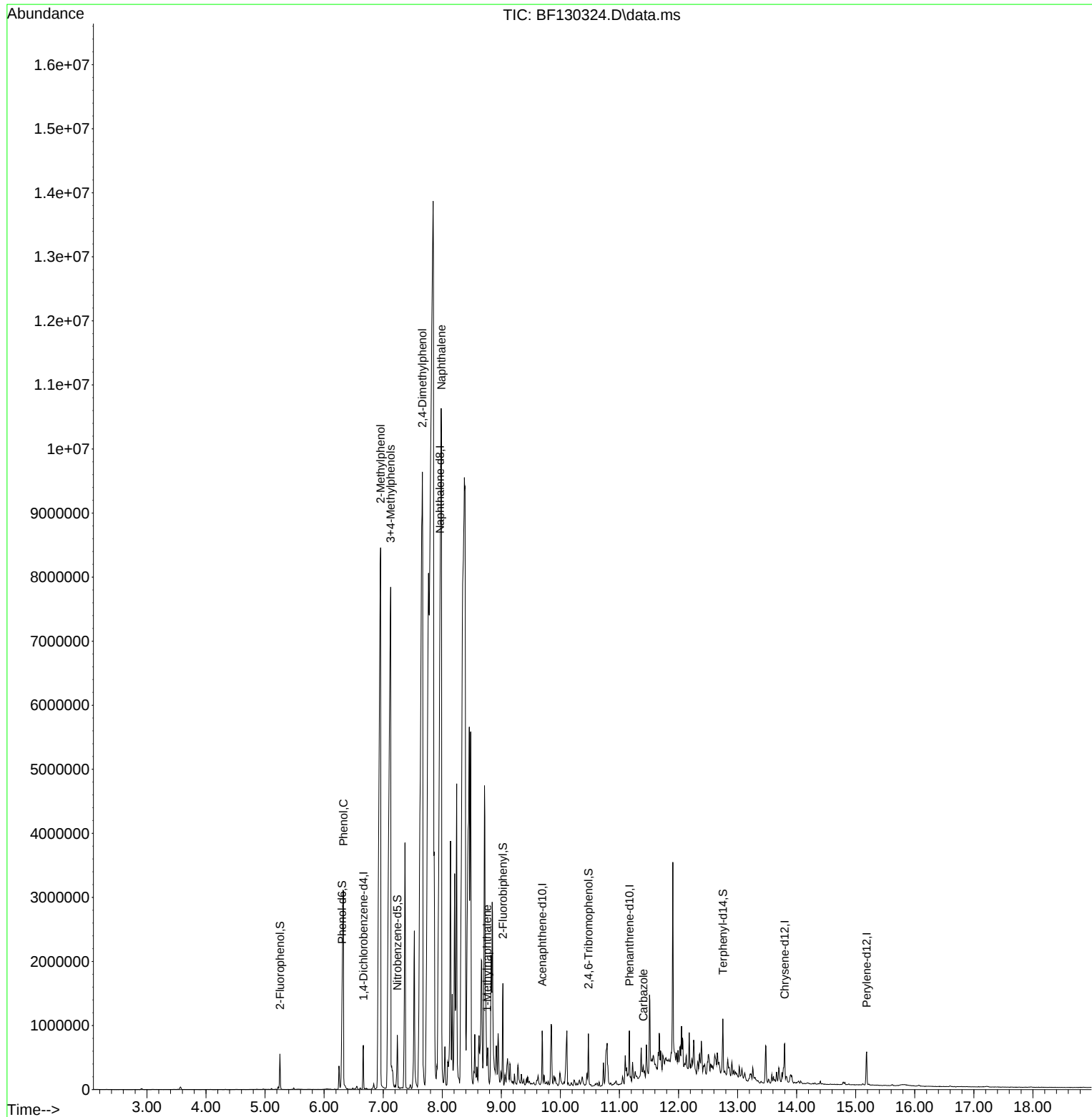
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.663	152	96166	20.000	ng	0.00
21) Naphthalene-d8	7.963	136	306633	20.000	ng	0.02
39) Acenaphthene-d10	9.692	164	162692	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	228960	20.000	ng	0.00
76) Chrysene-d12	13.798	240	168777	20.000	ng	0.00
86) Perylene-d12	15.186	264	219559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	128772	23.226	ng	0.00
7) Phenol-d6	6.304	99	102410	14.762	ng	0.00
23) Nitrobenzene-d5	7.239	82	250145	41.677	ng	0.00
42) 2,4,6-Tribromophenol	10.474	330	69231	44.410	ng	0.00
45) 2-Fluorobiphenyl	9.027	172	418481	37.457	ng	0.00
79) Terphenyl-d14	12.751	244	243033	23.853	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.328	94	1617250	198.926	ng	93
17) 2-Methylphenol	6.957	107	3290818	640.962	ng	97
20) 3+4-Methylphenols	7.128	107	4140773	620.844	ng	# 52
27) 2,4-Dimethylphenol	7.663	122	4987419	1296.540	ng	# 82
31) Naphthalene	7.986	128	687169	43.499	ng	99
38) 1-Methylnaphthalene	8.763	142	22160	2.290	ng	81
73) Carbazole	11.404	167	61610	5.503	ng	98

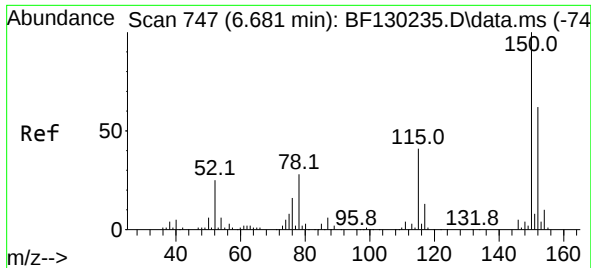
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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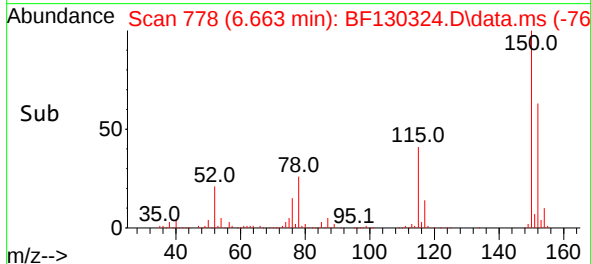
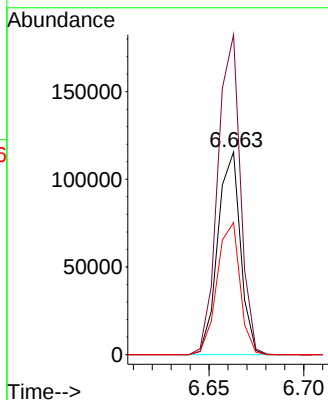
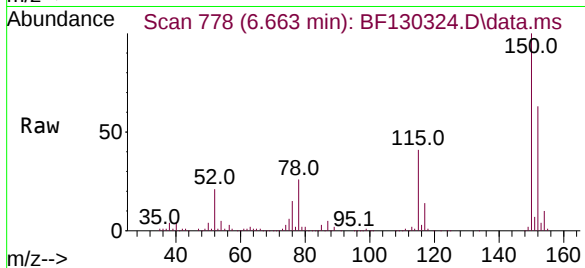




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130324.D
Acq: 19 Sep 2022 16:59

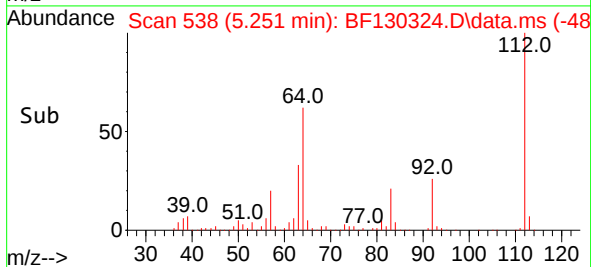
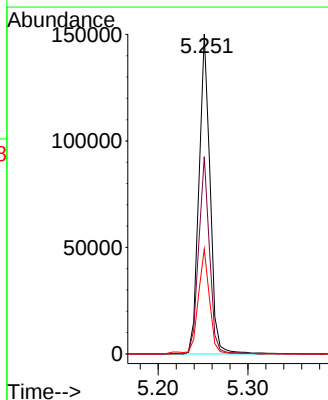
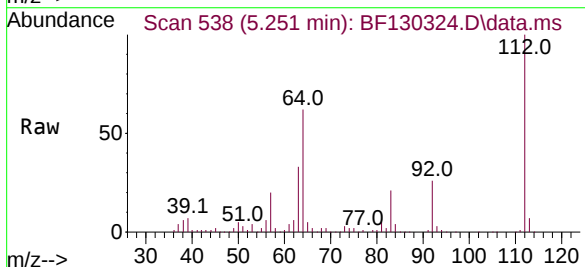
Instrument :
BNA_F
ClientSampleId :
N48854-1040DL

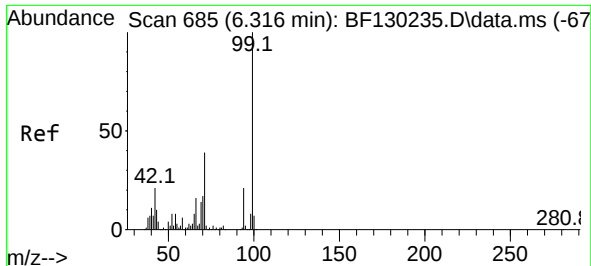
Tgt Ion:152 Resp: 96166
Ion Ratio Lower Upper
152 100
150 158.0 122.8 184.2
115 65.2 53.8 80.8



#5
2-Fluorophenol
Concen: 23.226 ng
RT: 5.251 min Scan# 538
Delta R.T. -0.006 min
Lab File: BF130324.D
Acq: 19 Sep 2022 16:59

Tgt Ion:112 Resp: 128772
Ion Ratio Lower Upper
112 100
64 61.6 51.4 77.0
63 32.8 28.8 43.2





#7

Phenol-d6

Concen: 14.762 ng

RT: 6.304 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF130324.D

Acq: 19 Sep 2022 16:59

Instrument :

BNA_F

ClientSampleId :

N48854-1040DL

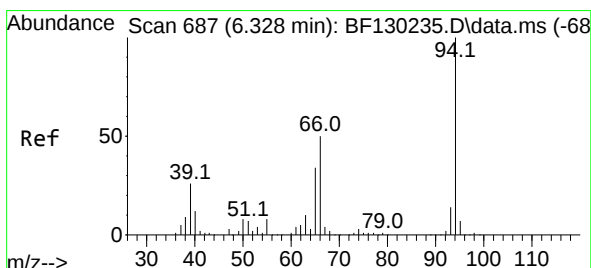
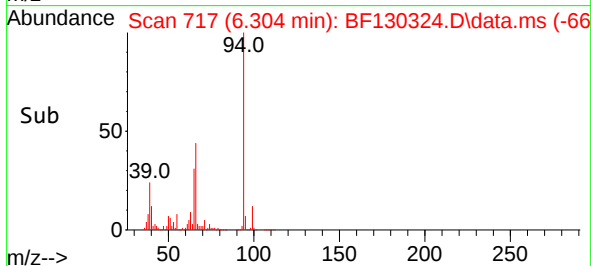
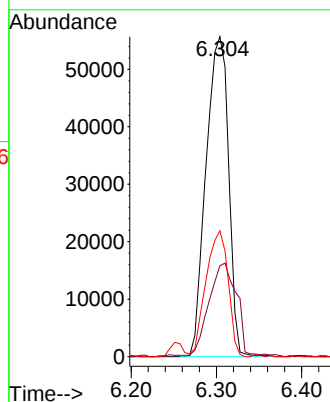
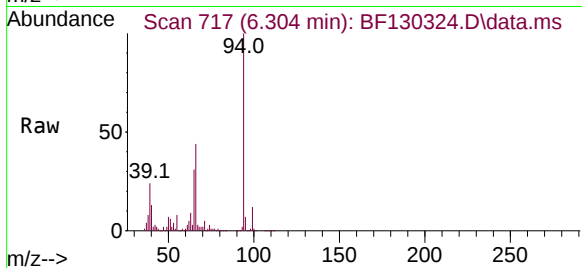
Tgt Ion: 99 Resp: 102410

Ion Ratio Lower Upper

99 100

42 28.4 17.0 25.6#

71 39.4 32.3 48.5



#10

Phenol

Concen: 198.926 ng

RT: 6.328 min Scan# 721

Delta R.T. 0.012 min

Lab File: BF130324.D

Acq: 19 Sep 2022 16:59

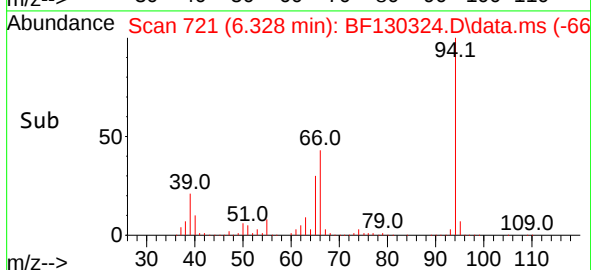
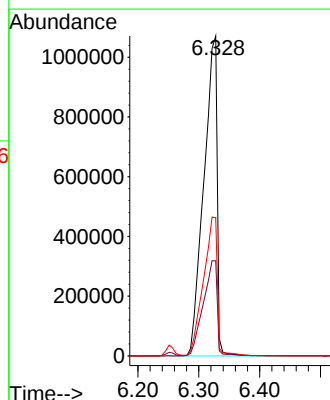
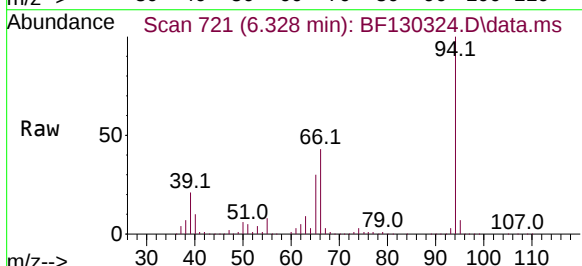
Tgt Ion: 94 Resp: 1617250

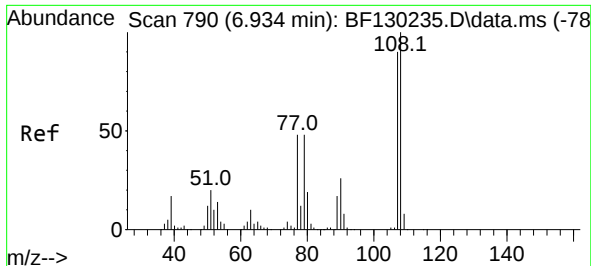
Ion Ratio Lower Upper

94 100

65 29.7 14.1 54.1

66 43.2 28.1 68.1

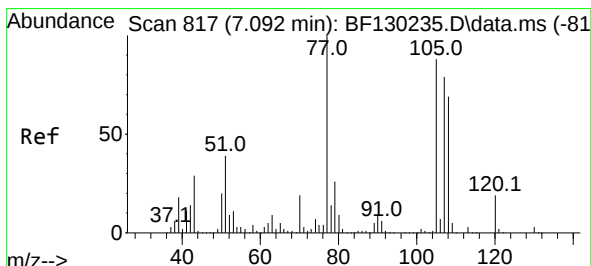
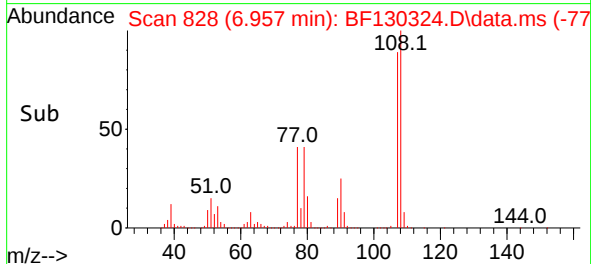
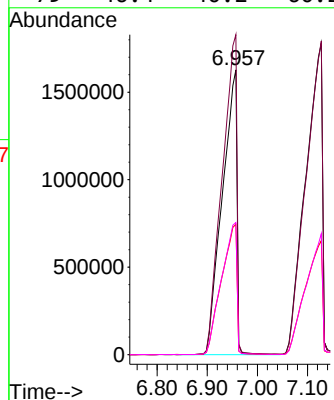
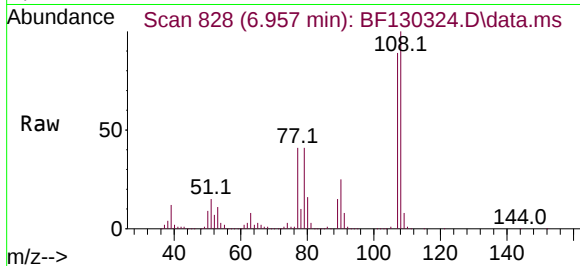




#17
2-Methylphenol
Concen: 640.962 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.035 min
Lab File: BF130324.D
Acq: 19 Sep 2022 16:59

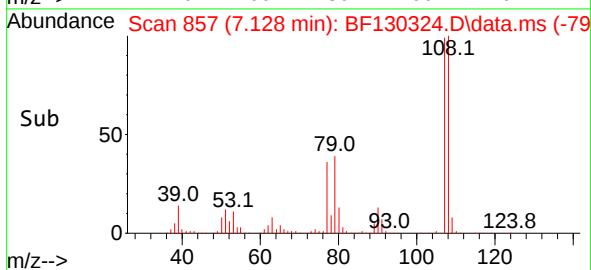
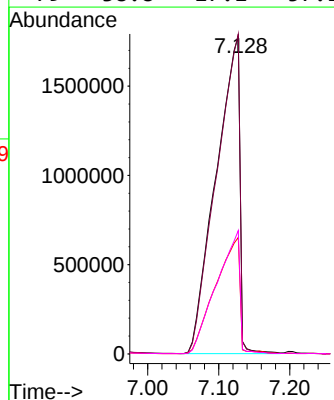
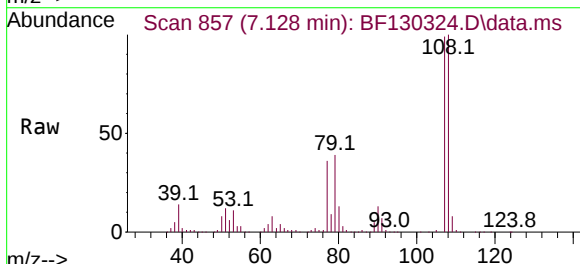
Instrument :
BNA_F
ClientSampleId :
N48854-1040DL

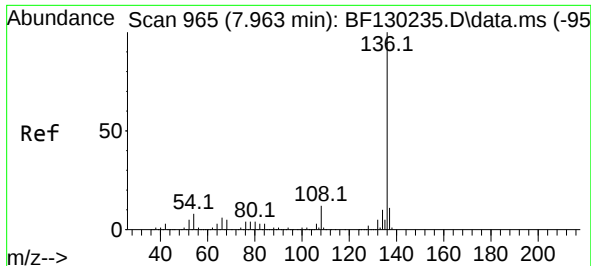
Tgt Ion:107 Resp: 3290818
Ion Ratio Lower Upper
107 100
108 112.4 89.4 134.0
77 45.8 40.6 60.8
79 46.4 40.2 60.2



#20
3+4-Methylphenols
Concen: 620.844 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.047 min
Lab File: BF130324.D
Acq: 19 Sep 2022 16:59

Tgt Ion:107 Resp: 4140773
Ion Ratio Lower Upper
107 100
108 100.7 74.8 114.8
77 36.6 125.8 165.8#
79 38.8 17.1 57.1



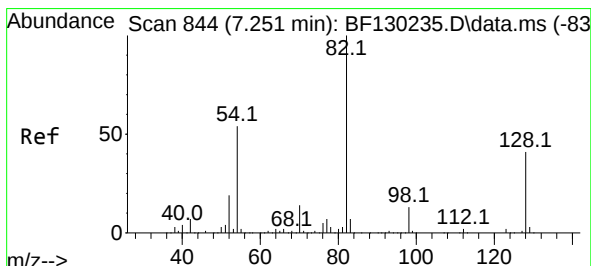
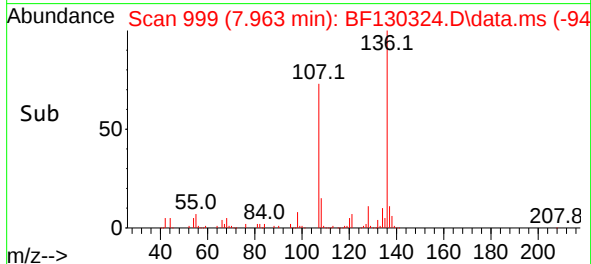
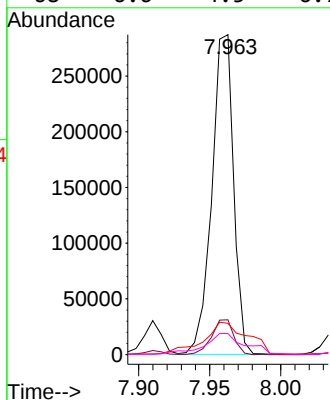
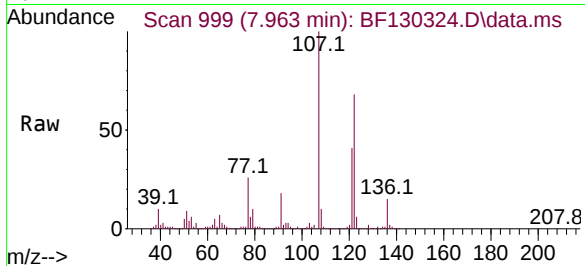


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.963 min Scan# 965
Delta R.T. 0.018 min
Lab File: BF130324.D
Acq: 19 Sep 2022 16:59

Instrument :
BNA_F
ClientSampleId :
N48854-1040DL

Tgt Ion:136 Resp: 306633

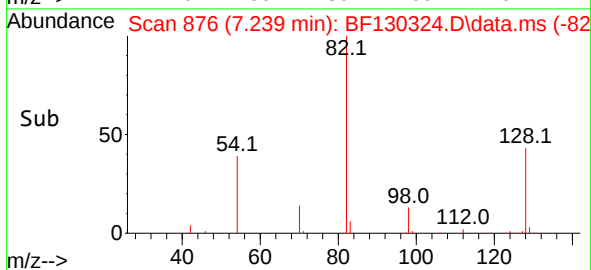
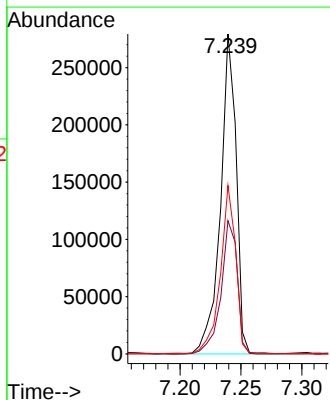
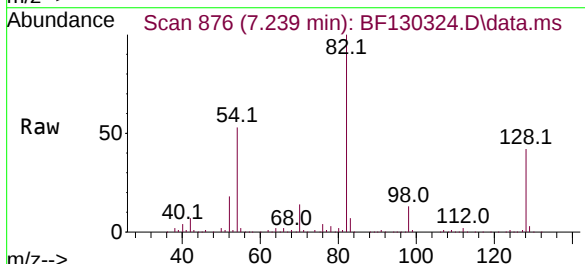
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.8	7.1	10.7
68	6.6	4.5	6.7

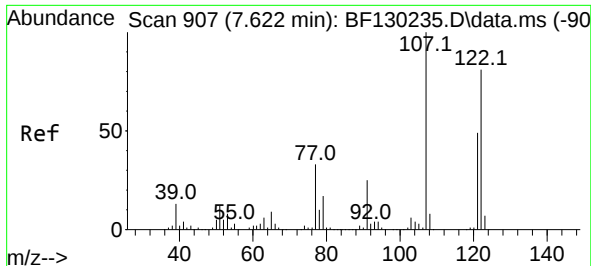


#23
Nitrobenzene-d5
Concen: 41.677 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF130324.D
Acq: 19 Sep 2022 16:59

Tgt Ion: 82 Resp: 250145

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.6	49.0
54	52.6	43.8	65.6





#27

2,4-Dimethylphenol

Concen: 1296.540 ng

RT: 7.663 min Scan# 94

Delta R.T. 0.059 min

Lab File: BF130324.D

Acq: 19 Sep 2022 16:59

Instrument :

BNA_F

ClientSampleId :

N48854-1040DL

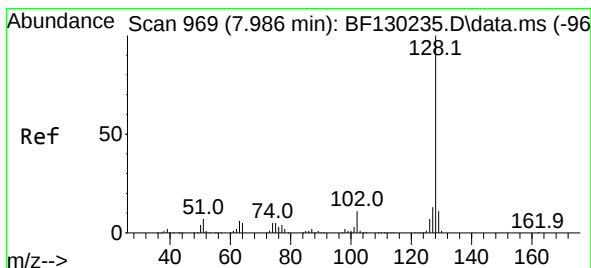
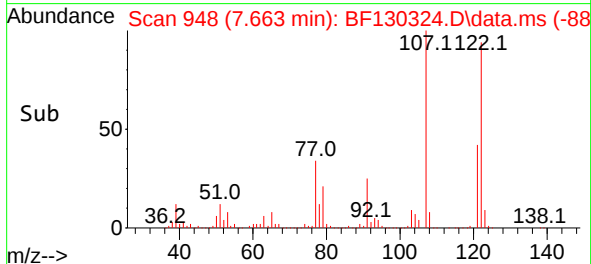
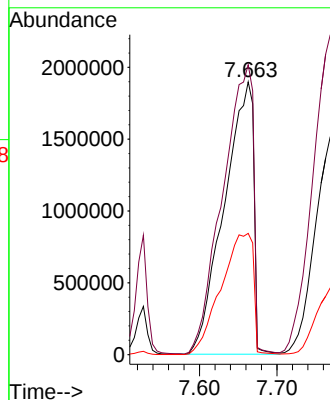
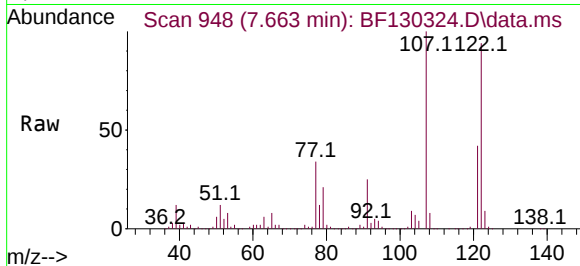
Tgt Ion:122 Resp: 4987419

Ion Ratio Lower Upper

122 100

107 106.3 100.2 150.2

121 44.4 47.8 71.8#



#31

Naphthalene

Concen: 43.499 ng

RT: 7.986 min Scan# 1003

Delta R.T. 0.018 min

Lab File: BF130324.D

Acq: 19 Sep 2022 16:59

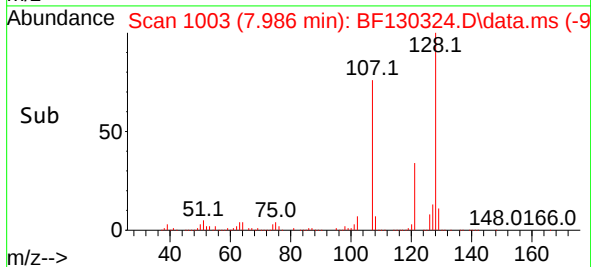
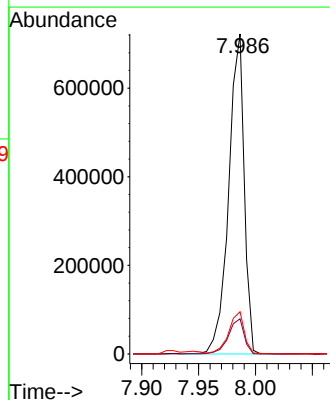
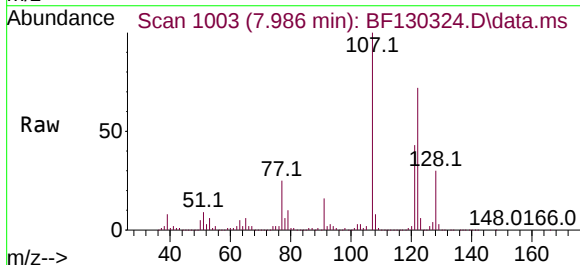
Tgt Ion:128 Resp: 687169

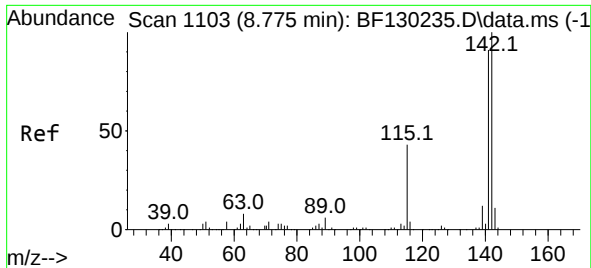
Ion Ratio Lower Upper

128 100

129 11.0 9.1 13.7

127 13.2 10.6 16.0

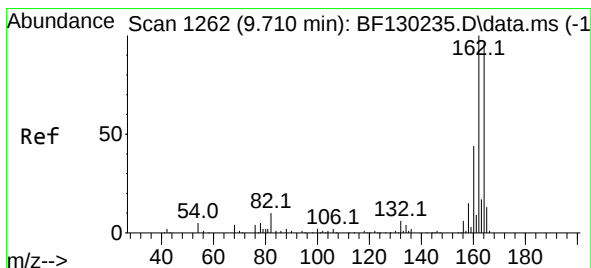
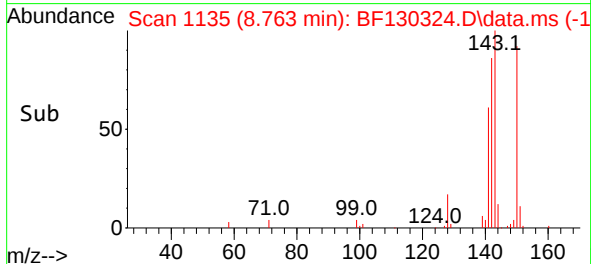
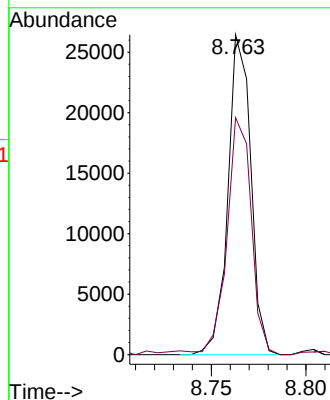
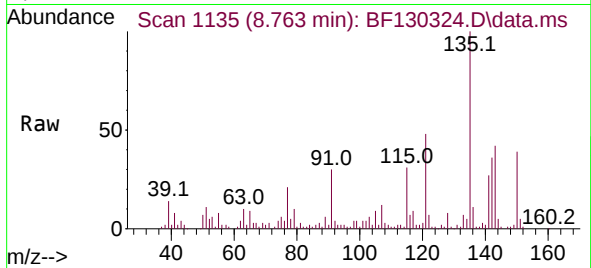




#38
1-Methylnaphthalene
Concen: 2.290 ng
RT: 8.763 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF130324.D
Acq: 19 Sep 2022 16:59

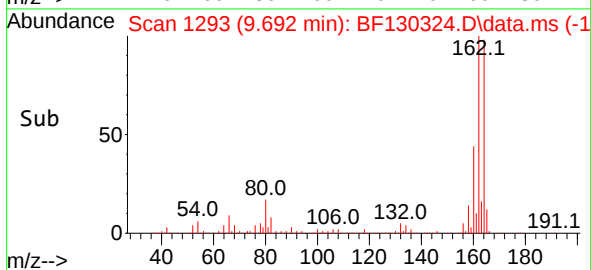
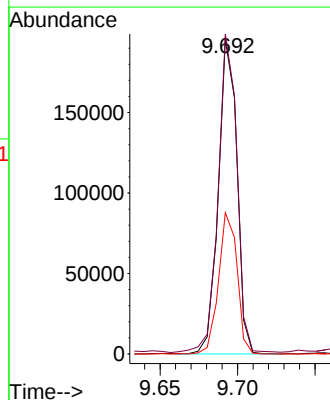
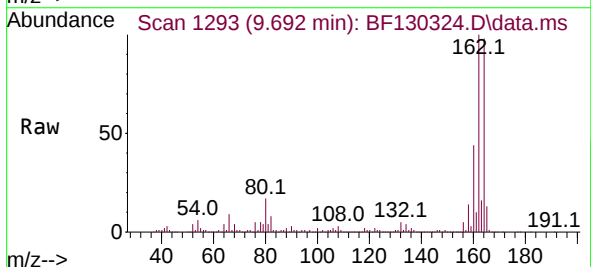
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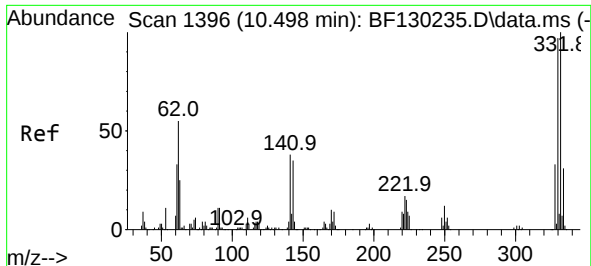
Tgt Ion:142 Resp: 22160
Ion Ratio Lower Upper
142 100
141 74.1 73.8 110.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF130324.D
Acq: 19 Sep 2022 16:59

Tgt Ion:164 Resp: 162692
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 45.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 44.410 ng

RT: 10.474 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130324.D

Acq: 19 Sep 2022 16:59

Instrument :

BNA_F

ClientSampleId :

N48854-1040DL

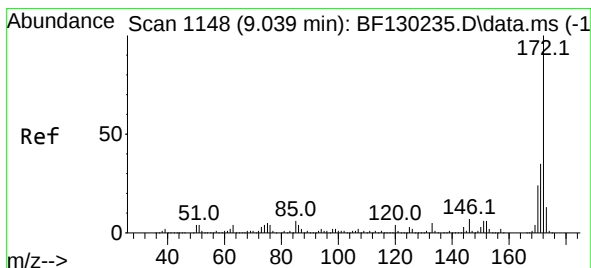
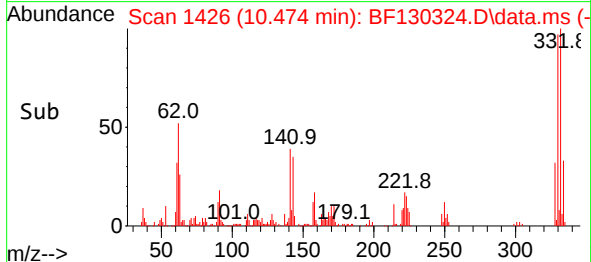
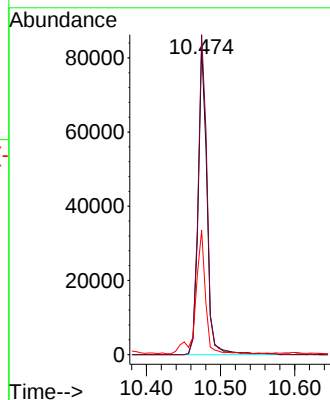
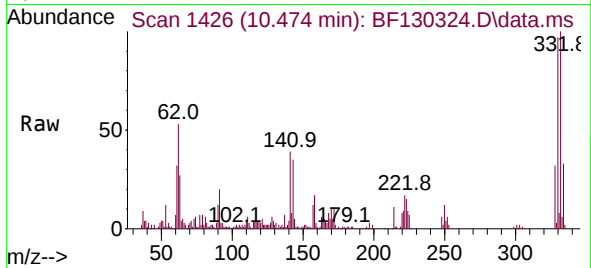
Tgt Ion:330 Resp: 69231

Ion Ratio Lower Upper

330 100

332 103.8 83.4 125.2

141 43.6 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 37.457 ng

RT: 9.027 min Scan# 1180

Delta R.T. 0.006 min

Lab File: BF130324.D

Acq: 19 Sep 2022 16:59

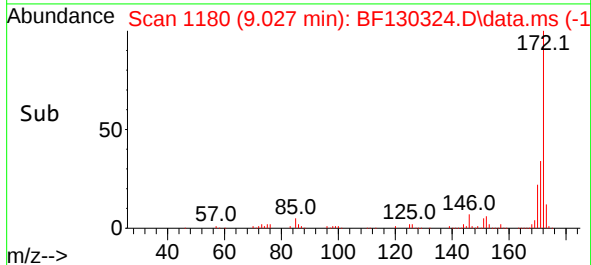
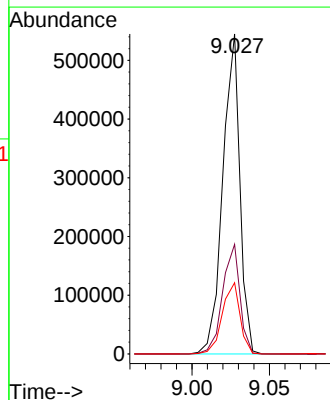
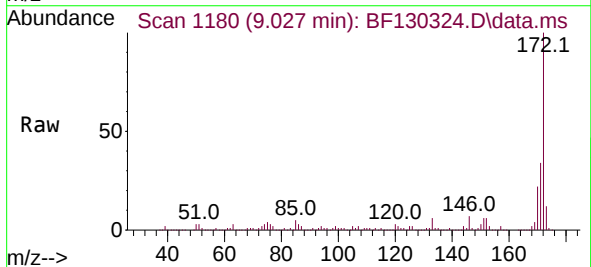
Tgt Ion:172 Resp: 418481

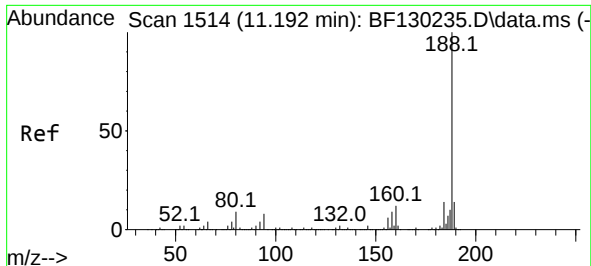
Ion Ratio Lower Upper

172 100

171 34.2 28.3 42.5

170 22.2 18.7 28.1

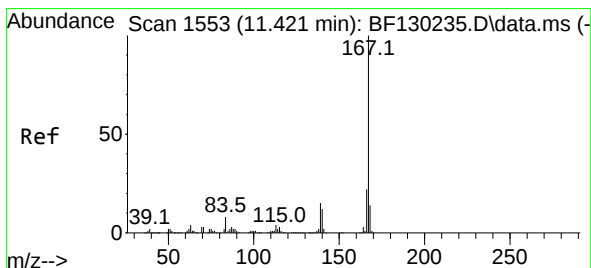
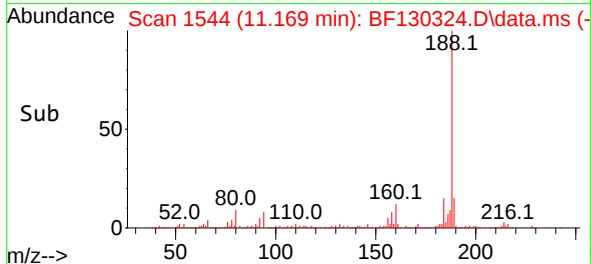
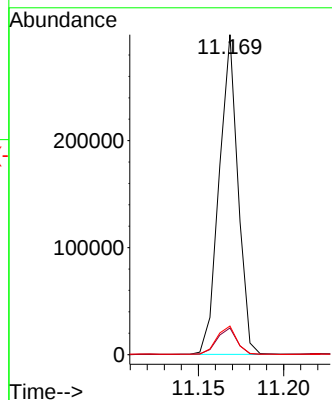
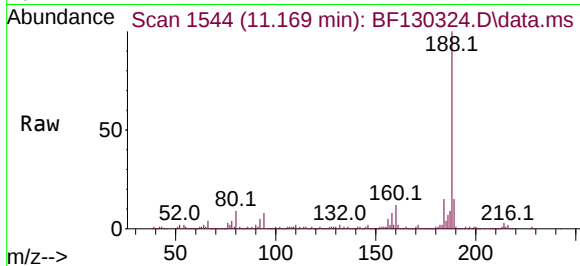




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130324.D
Acq: 19 Sep 2022 16:59

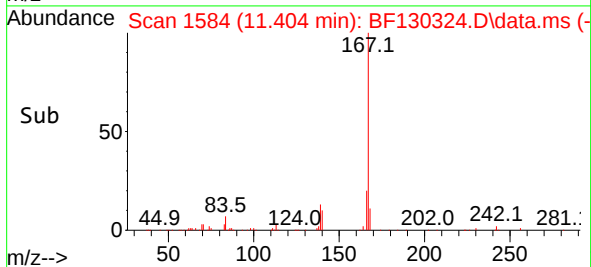
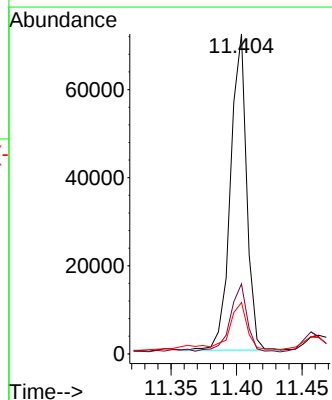
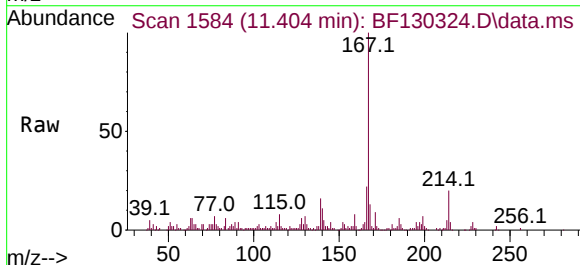
Instrument :
BNA_F
ClientSampleId :
N48854-1040DL

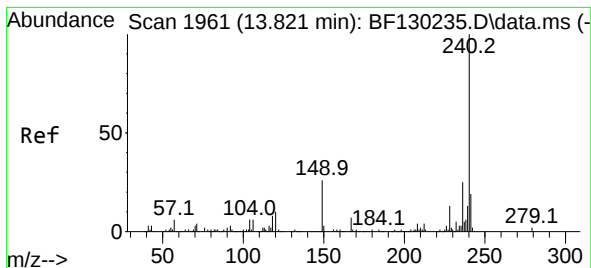
Tgt Ion:188 Resp: 228960
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 8.9 7.9 11.9



#73
Carbazole
Concen: 5.503 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF130324.D
Acq: 19 Sep 2022 16:59

Tgt Ion:167 Resp: 61610
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.2
139 16.0 11.6 17.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.798 min Scan# 19

Delta R.T. -0.006 min

Lab File: BF130324.D

Acq: 19 Sep 2022 16:59

Instrument :

BNA_F

ClientSampleId :

N48854-1040DL

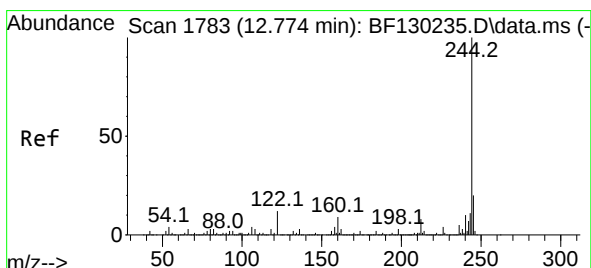
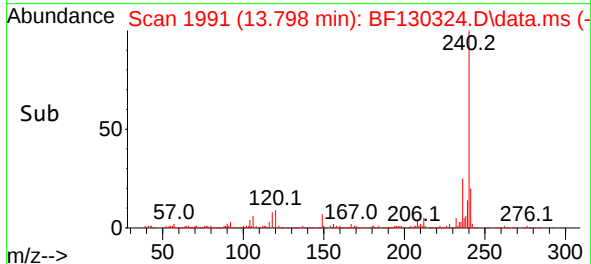
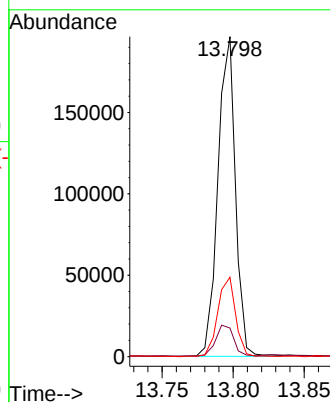
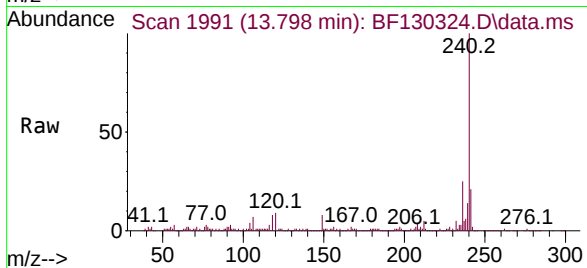
Tgt Ion:240 Resp: 168777

Ion Ratio Lower Upper

240 100

120 8.9 8.7 13.1

236 24.8 20.9 31.3



#79

Terphenyl-d14

Concen: 23.853 ng

RT: 12.751 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF130324.D

Acq: 19 Sep 2022 16:59

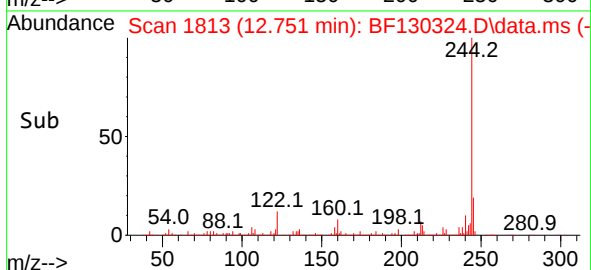
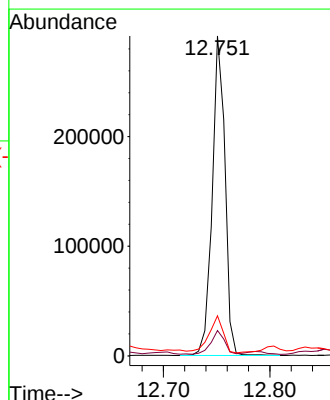
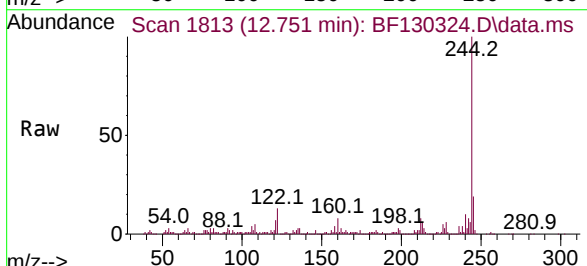
Tgt Ion:244 Resp: 243033

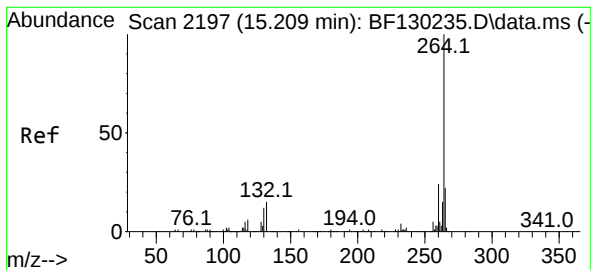
Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

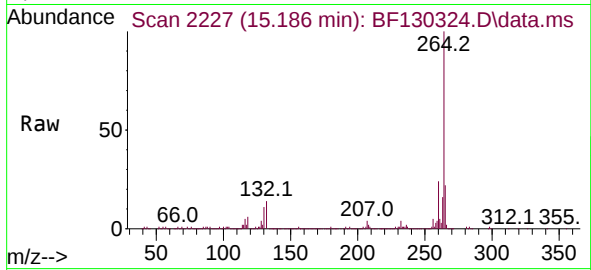
122 12.6 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.186 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF130324.D
Acq: 19 Sep 2022 16:59

Instrument :
BNA_F
ClientSampleId :
N48854-1040DL



Tgt Ion:264 Resp: 219559

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	22.3	17.0	25.4

