

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100522\
 Data File : BF130536.D
 Acq On : 05 Oct 2022 18:39
 Operator : CG\JU
 Sample : N4995-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L-1

Quant Time: Oct 06 01:12:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 06 01:07:05 2022
 Response via : Initial Calibration

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

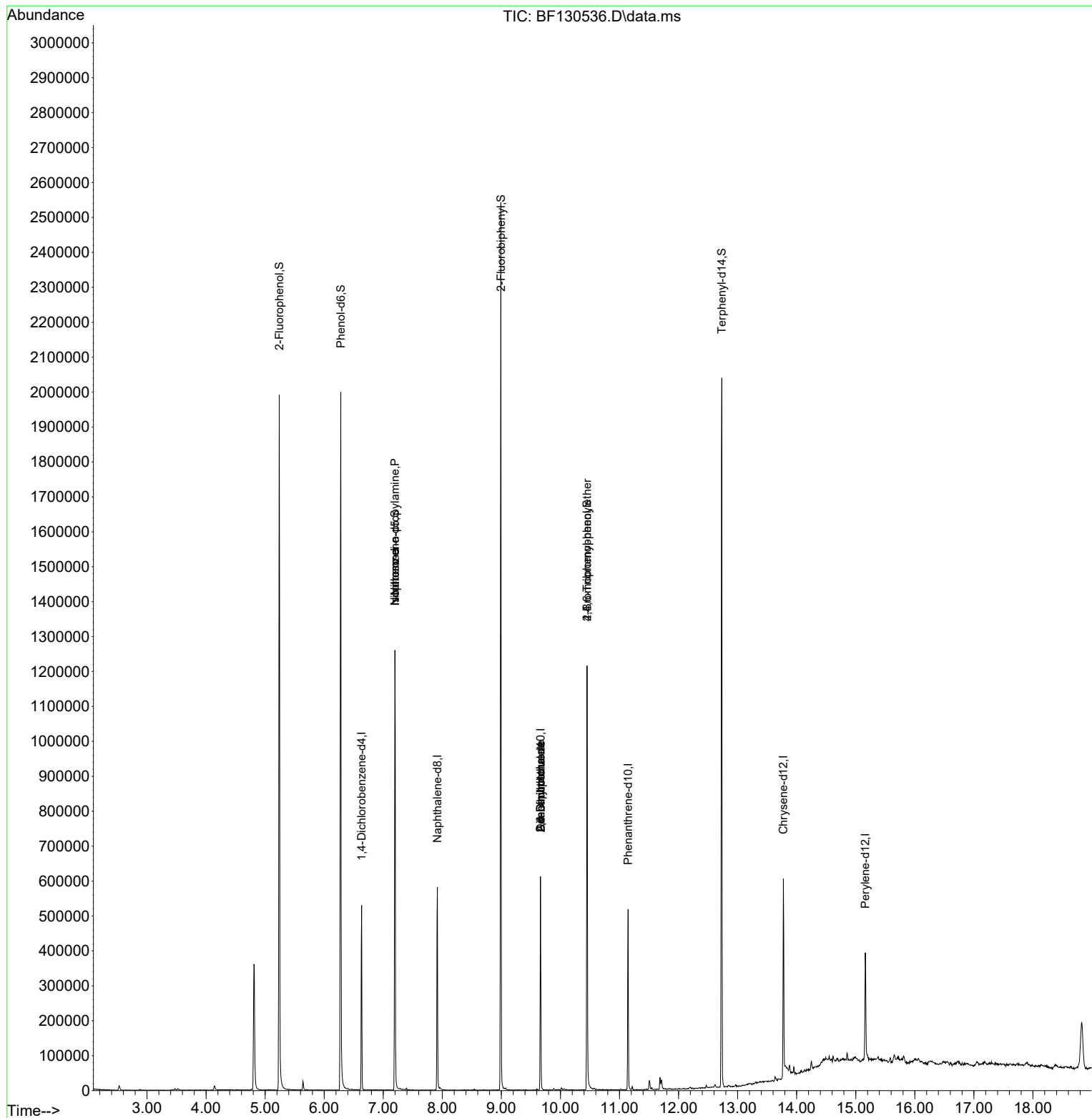
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	71662	20.000	ng	0.00
21) Naphthalene-d8	7.916	136	251157	20.000	ng	0.00
39) Acenaphthene-d10	9.663	164	110543	20.000	ng	0.00
64) Phenanthrene-d10	11.145	188	176399	20.000	ng	0.00
76) Chrysene-d12	13.774	240	179279	20.000	ng	0.00
86) Perylene-d12	15.162	264	127578	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.239	112	549123	132.906	ng	0.01
7) Phenol-d6	6.281	99	654911	126.684	ng	0.00
23) Nitrobenzene-d5	7.198	82	406162	82.618	ng	0.00
42) 2,4,6-Tribromophenol	10.451	330	136992	129.334	ng	0.00
45) 2-Fluorobiphenyl	8.992	172	666810	87.839	ng	0.00
79) Terphenyl-d14	12.733	244	675487	62.413	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.198	70	55664	15.957	ng	# 75
25) Isophorone	7.198	82	406159	51.259	ng	# 66
50) Dimethylphthalate	9.663	163	19215	2.516	ng	# 1
51) 2,6-Dinitrotoluene	9.663	165	14543	9.107	ng	# 16
57) 2,4-Dinitrotoluene	9.663	165	14543	7.126	ng	# 16
67) 4-Bromophenyl-phenylether	10.451	248	8553	4.395	ng	# 1

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

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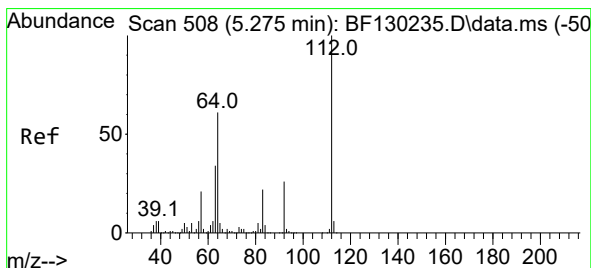
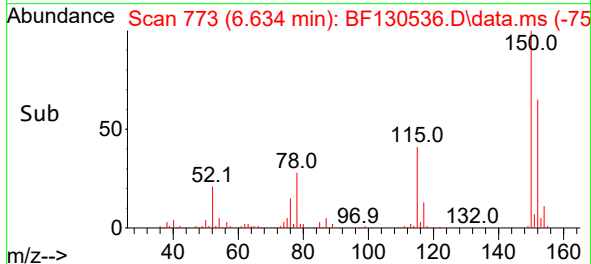
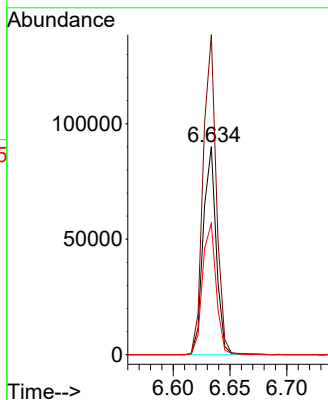
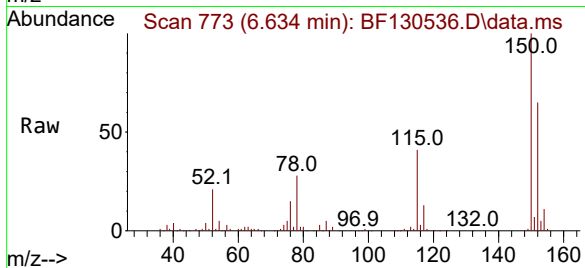




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130536.D
Acq: 05 Oct 2022 18:39

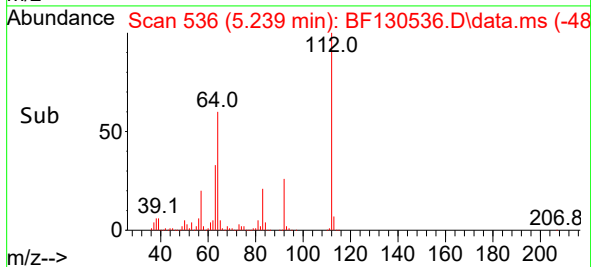
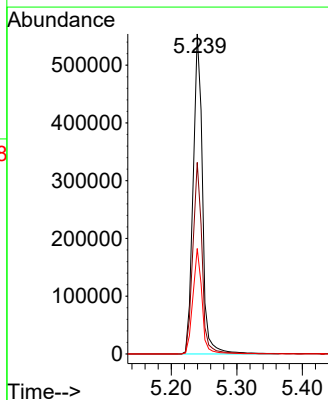
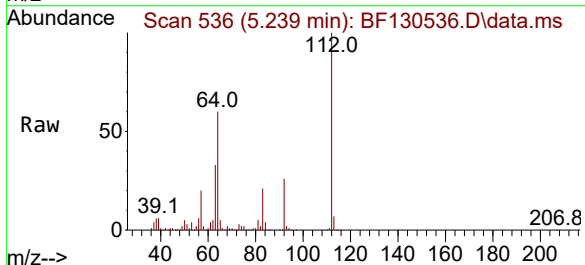
Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:152 Resp: 71662
Ion Ratio Lower Upper
152 100
150 153.8 122.8 184.2
115 63.1 53.8 80.8



#5
2-Fluorophenol
Concen: 132.906 ng
RT: 5.239 min Scan# 536
Delta R.T. 0.012 min
Lab File: BF130536.D
Acq: 05 Oct 2022 18:39

Tgt Ion:112 Resp: 549123
Ion Ratio Lower Upper
112 100
64 59.9 51.4 77.0
63 33.0 28.8 43.2





#7
Phenol-d6
Concen: 126.684 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130536.D
Acq: 05 Oct 2022 18:39

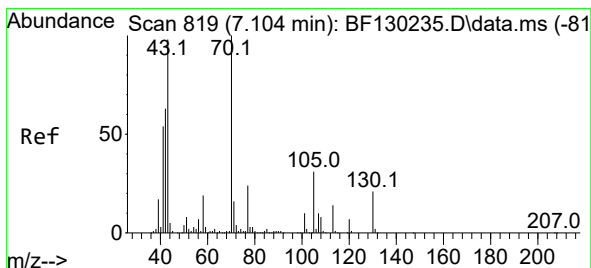
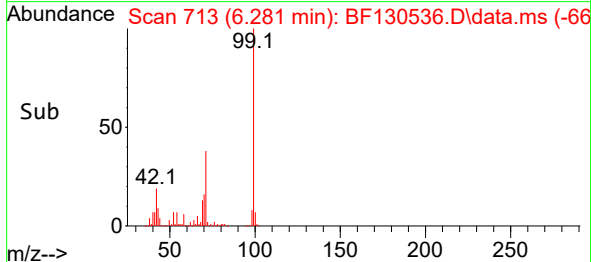
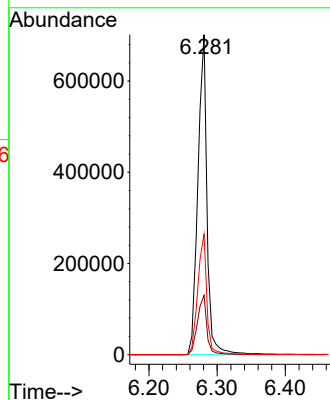
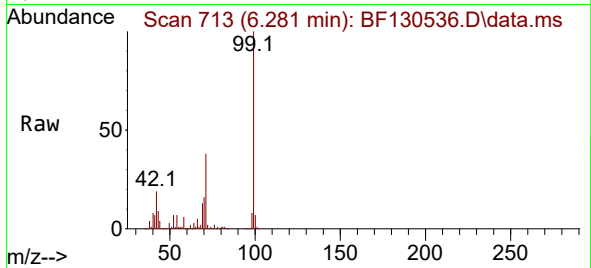
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BNA_F

ClientSampleId :

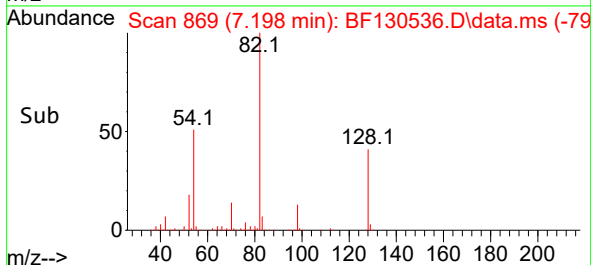
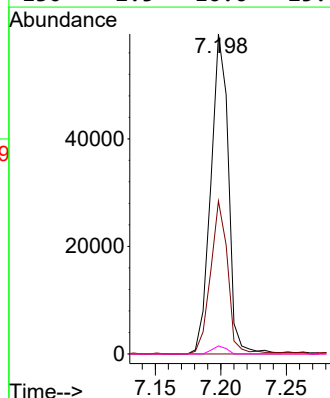
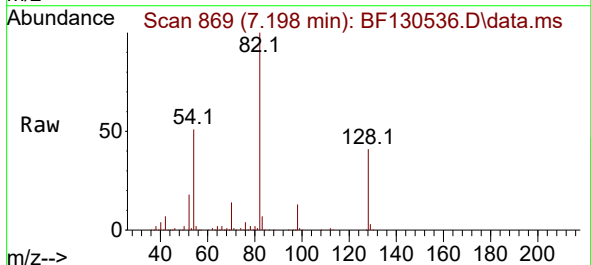
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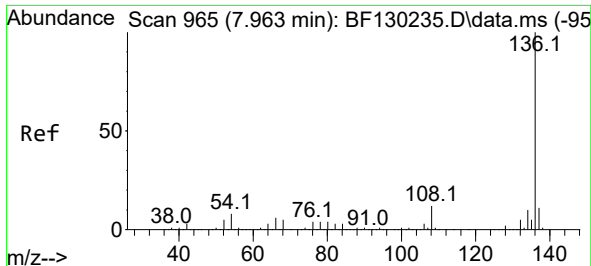
Tgt Ion: 99 Resp: 654911
Ion Ratio Lower Upper
99 100
42 18.6 17.0 25.6
71 37.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.957 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.141 min
Lab File: BF130536.D
Acq: 05 Oct 2022 18:39

Tgt Ion: 70 Resp: 55664
Ion Ratio Lower Upper
70 100
42 47.8 50.8 76.2#
101 0.0 8.2 12.4#
130 2.5 16.6 25.0#

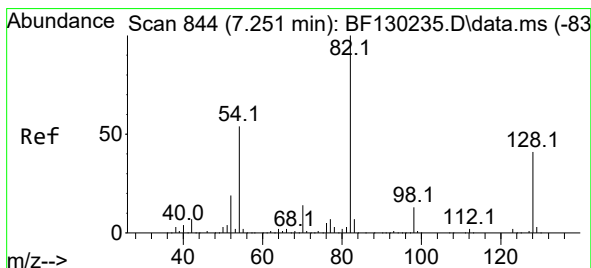
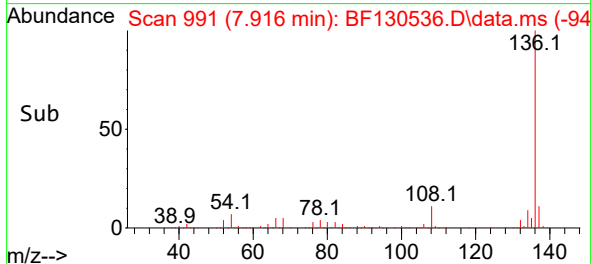
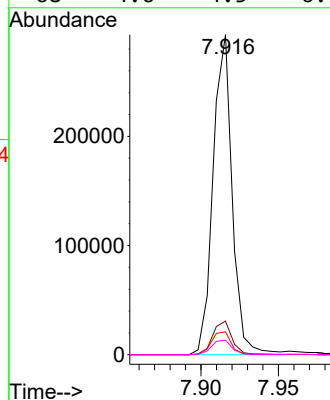
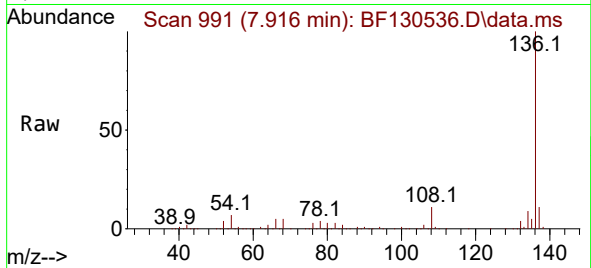




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF130536.D
Acq: 05 Oct 2022 18:39

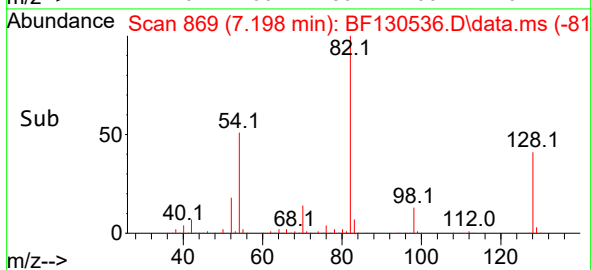
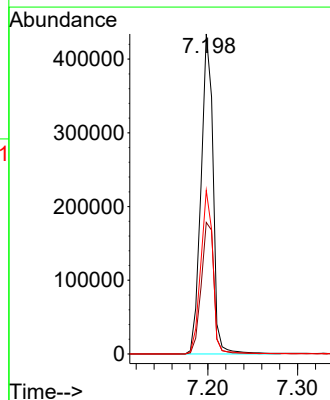
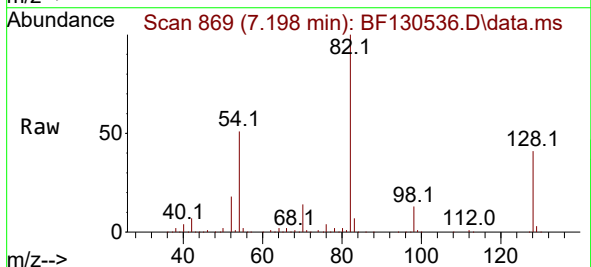
Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:136 Resp: 251157
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 7.2 7.1 10.7
68 4.6 4.5 6.7



#23
Nitrobenzene-d5
Concen: 82.618 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF130536.D
Acq: 05 Oct 2022 18:39

Tgt Ion: 82 Resp: 406162
Ion Ratio Lower Upper
82 100
128 41.1 32.6 49.0
54 51.1 43.8 65.6

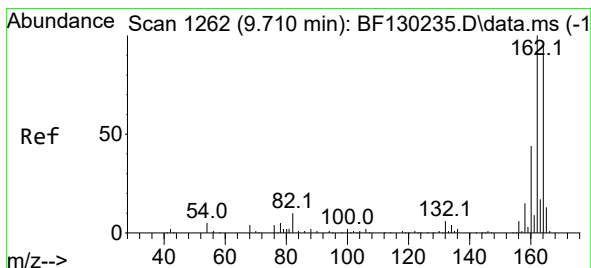
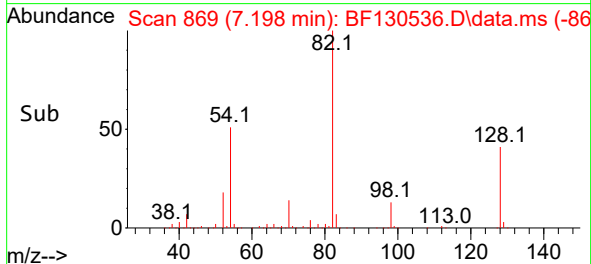
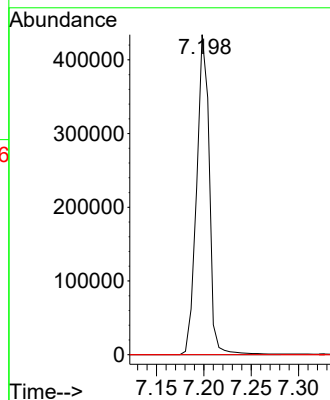
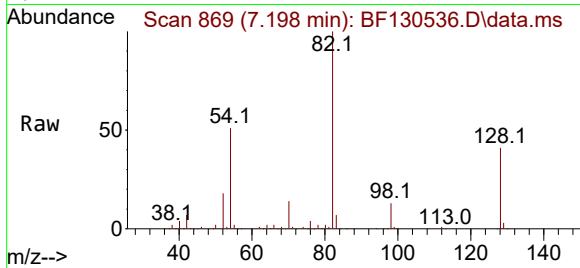




#25
Isophorone
Concen: 51.259 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130536.D
Acq: 05 Oct 2022 18:39

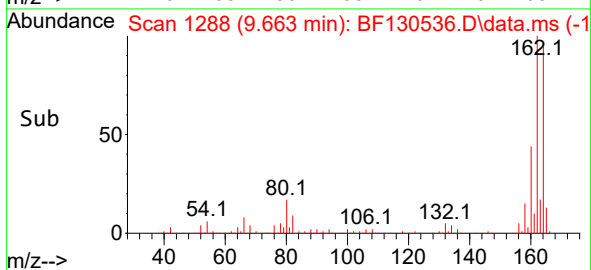
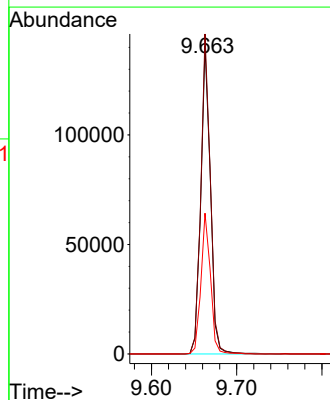
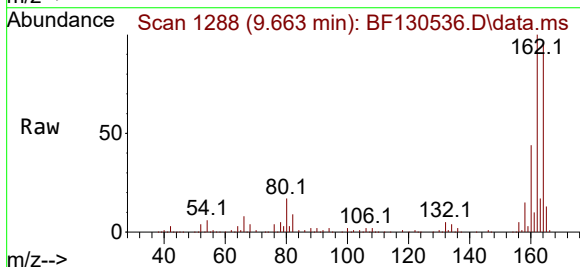
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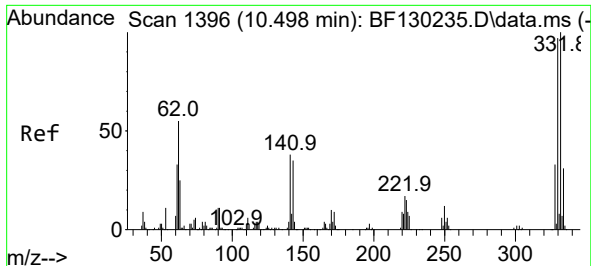
Tgt Ion: 82 Resp: 406159
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF130536.D
Acq: 05 Oct 2022 18:39

Tgt Ion: 164 Resp: 110543
Ion Ratio Lower Upper
164 100
162 103.9 81.4 122.0
160 45.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 129.334 ng

RT: 10.451 min Scan# 1422

Delta R.T. -0.006 min

Lab File: BF130536.D

Acq: 05 Oct 2022 18:39

Instrument :

BNA_F

ClientSampleId :

L-1

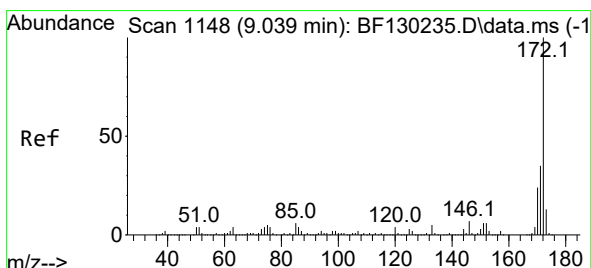
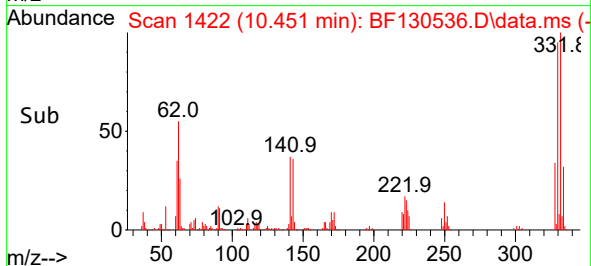
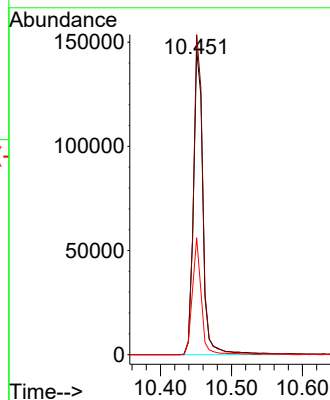
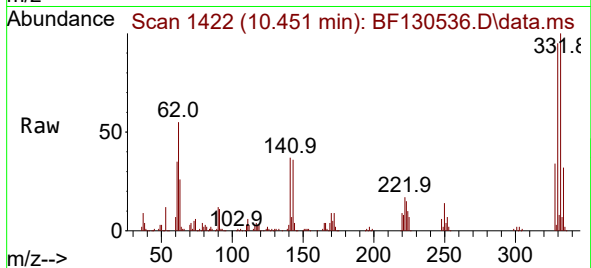
Tgt Ion:330 Resp: 136992

Ion Ratio Lower Upper

330 100

332 102.7 83.4 125.2

141 35.8 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 87.839 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.000 min

Lab File: BF130536.D

Acq: 05 Oct 2022 18:39

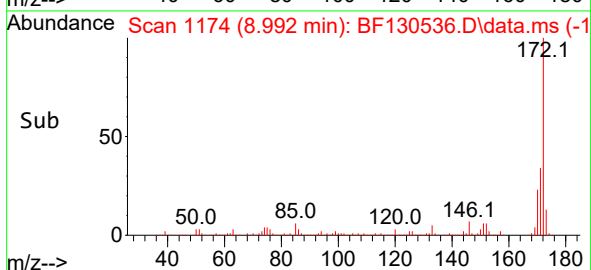
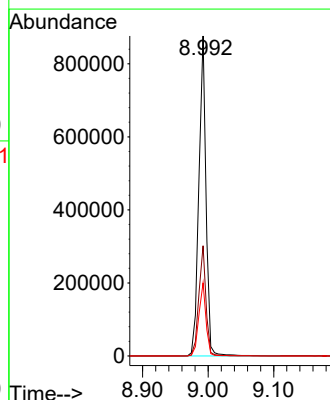
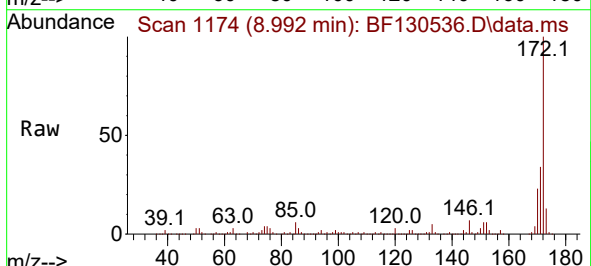
Tgt Ion:172 Resp: 666810

Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 22.9 18.7 28.1

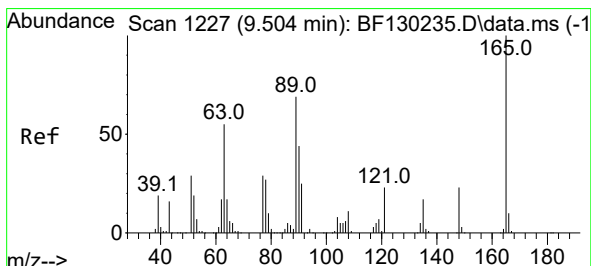
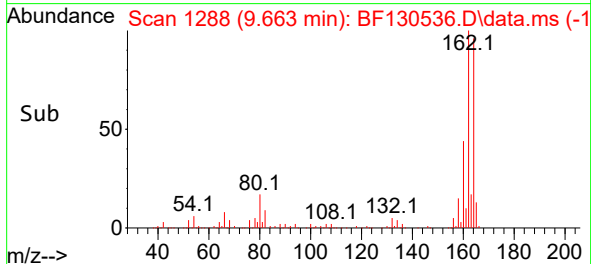
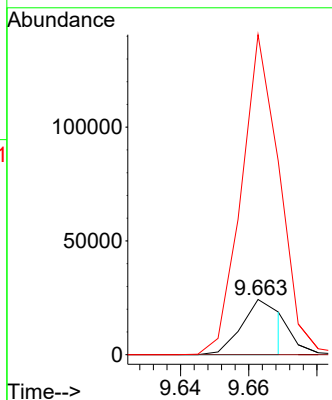
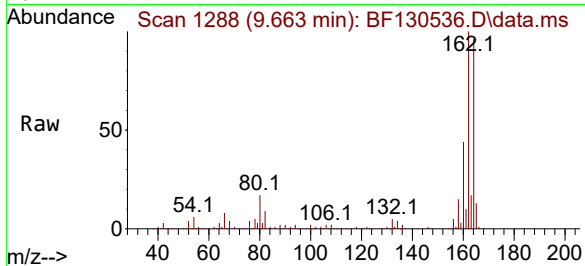




#50
Dimethylphthalate
Concen: 2.516 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.265 min
Lab File: BF130536.D
Acq: 05 Oct 2022 18:39

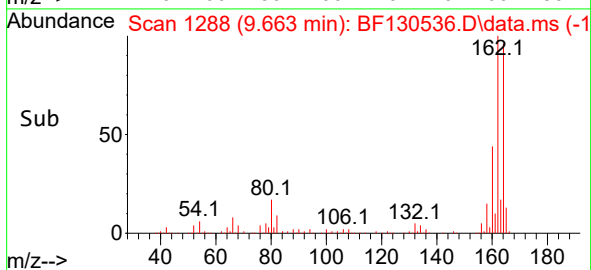
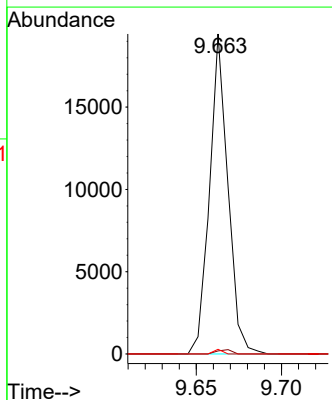
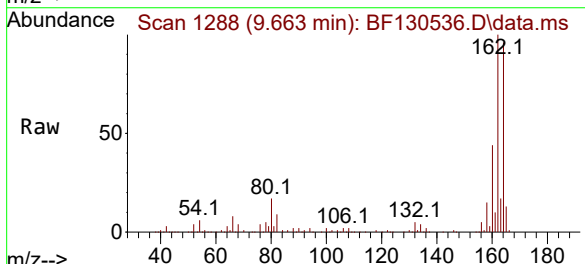
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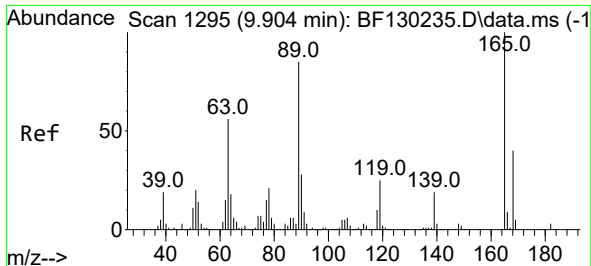
Tgt Ion:163 Resp: 19215
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 579.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.107 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.200 min
Lab File: BF130536.D
Acq: 05 Oct 2022 18:39

Tgt Ion:165 Resp: 14543
Ion Ratio Lower Upper
165 100
63 1.0 58.8 88.2#
89 1.5 54.5 81.7#

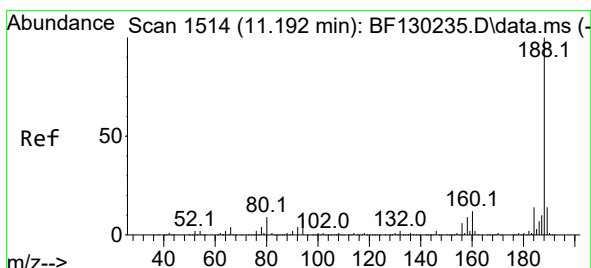
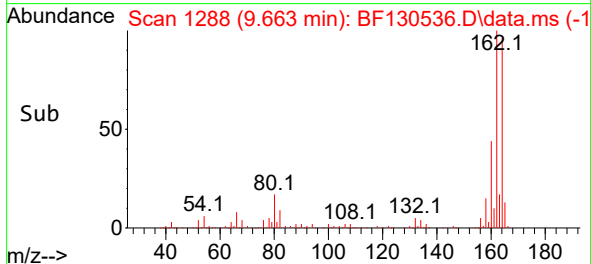
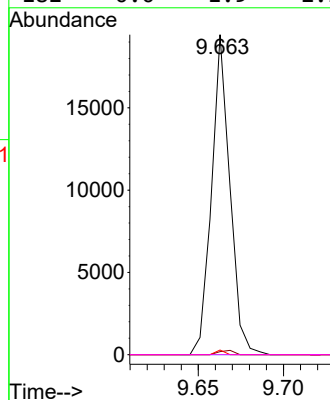
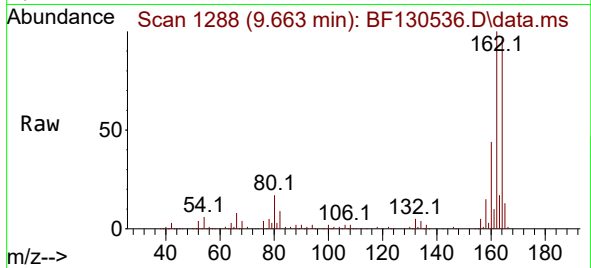




#57
2,4-Dinitrotoluene
Concen: 7.126 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130536.D
Acq: 05 Oct 2022 18:39

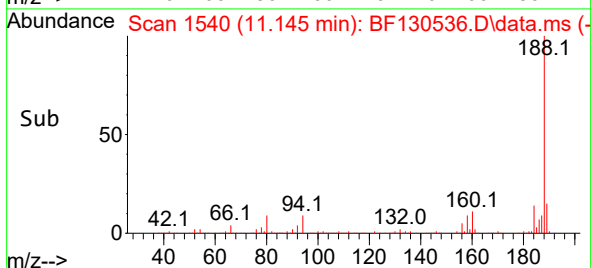
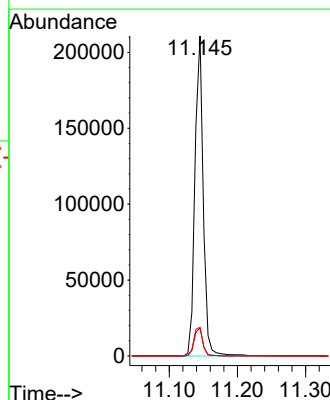
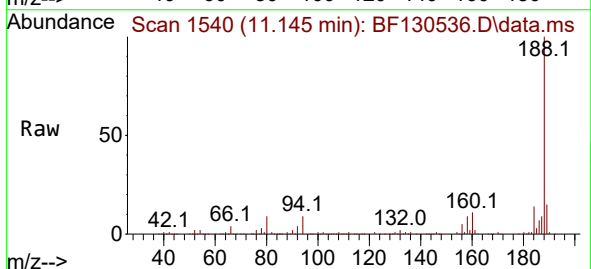
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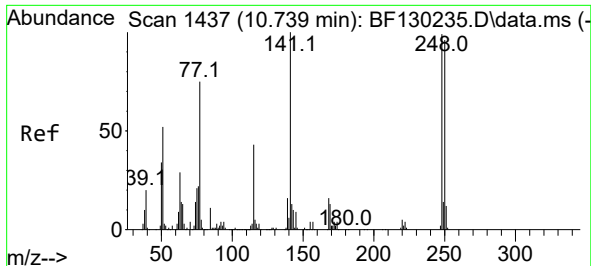
Tgt Ion:165 Resp: 14543
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.5 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.000 min
Lab File: BF130536.D
Acq: 05 Oct 2022 18:39

Tgt Ion:188 Resp: 176399
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.0 7.9 11.9

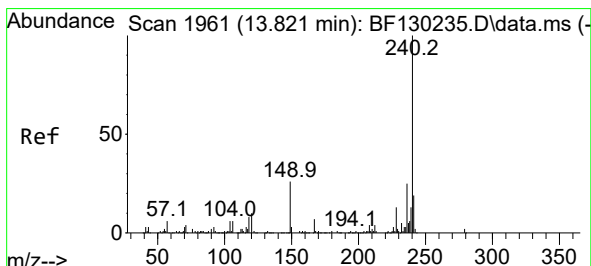
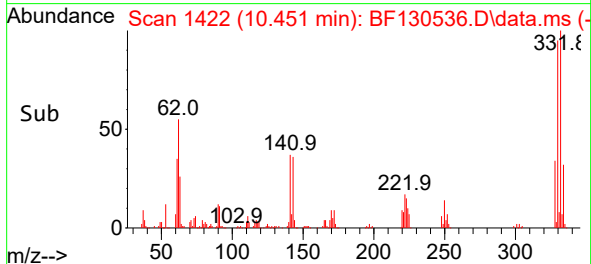
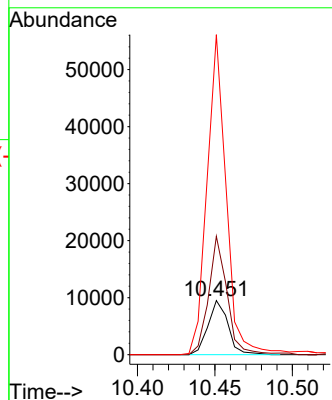
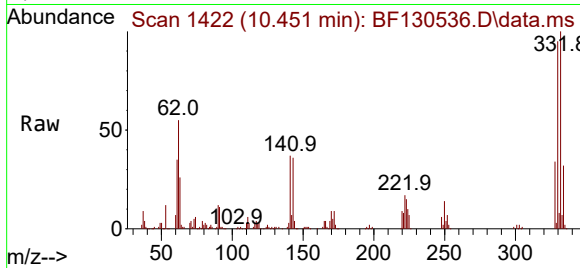




#67
4-Bromophenyl-phenylether
Concen: 4.395 ng
RT: 10.451 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130536.D
Acq: 05 Oct 2022 18:39

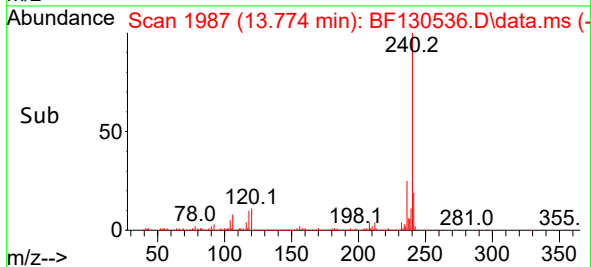
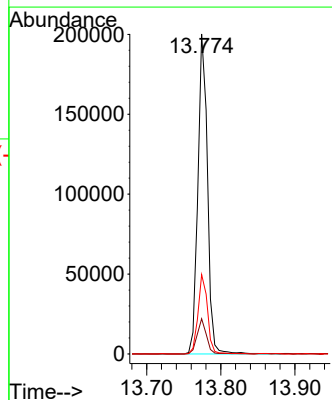
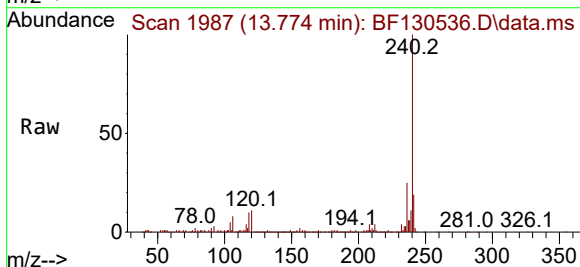
Instrument :
BNA_F
ClientSampleId :
L-1

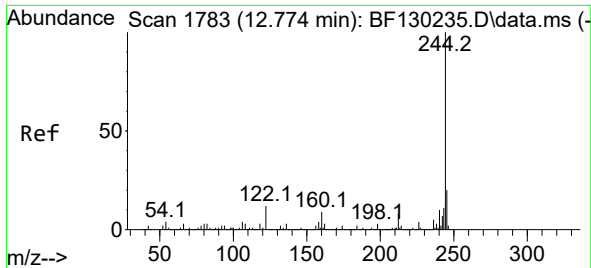
Tgt Ion:248 Resp: 8553
Ion Ratio Lower Upper
248 100
250 219.2 80.0 120.0#
141 592.5 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.774 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BF130536.D
Acq: 05 Oct 2022 18:39

Tgt Ion:240 Resp: 179279
Ion Ratio Lower Upper
240 100
120 11.0 8.7 13.1
236 24.8 20.9 31.3

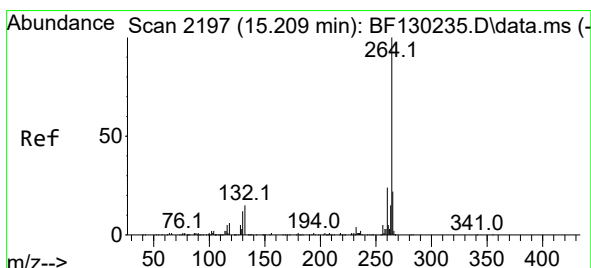
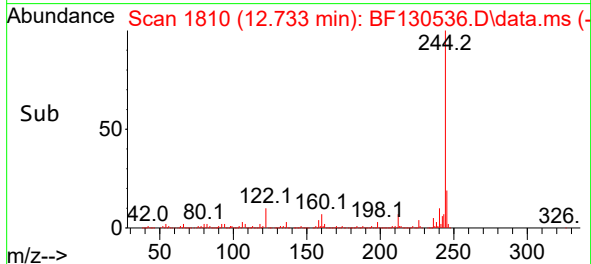
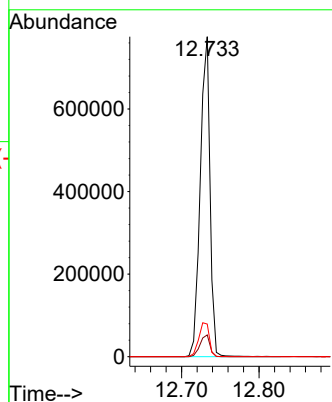
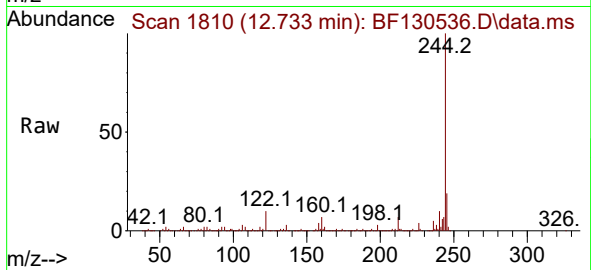




#79
 Terphenyl-d14
 Concen: 62.413 ng
 RT: 12.733 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130536.D
 Acq: 05 Oct 2022 18:39

Instrument :
 BNA_F
 ClientSampleId :
 L-1

Tgt Ion:244 Resp: 675487
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 10.2 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.162 min Scan# 2223
 Delta R.T. -0.000 min
 Lab File: BF130536.D
 Acq: 05 Oct 2022 18:39

Tgt Ion:264 Resp: 127578
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.3 28.9
 265 20.9 17.0 25.4

