

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
 Data File : BF130521.D
 Acq On : 04 Oct 2022 16:43
 Operator : CG\JU
 Sample : N4909-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 02:19:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

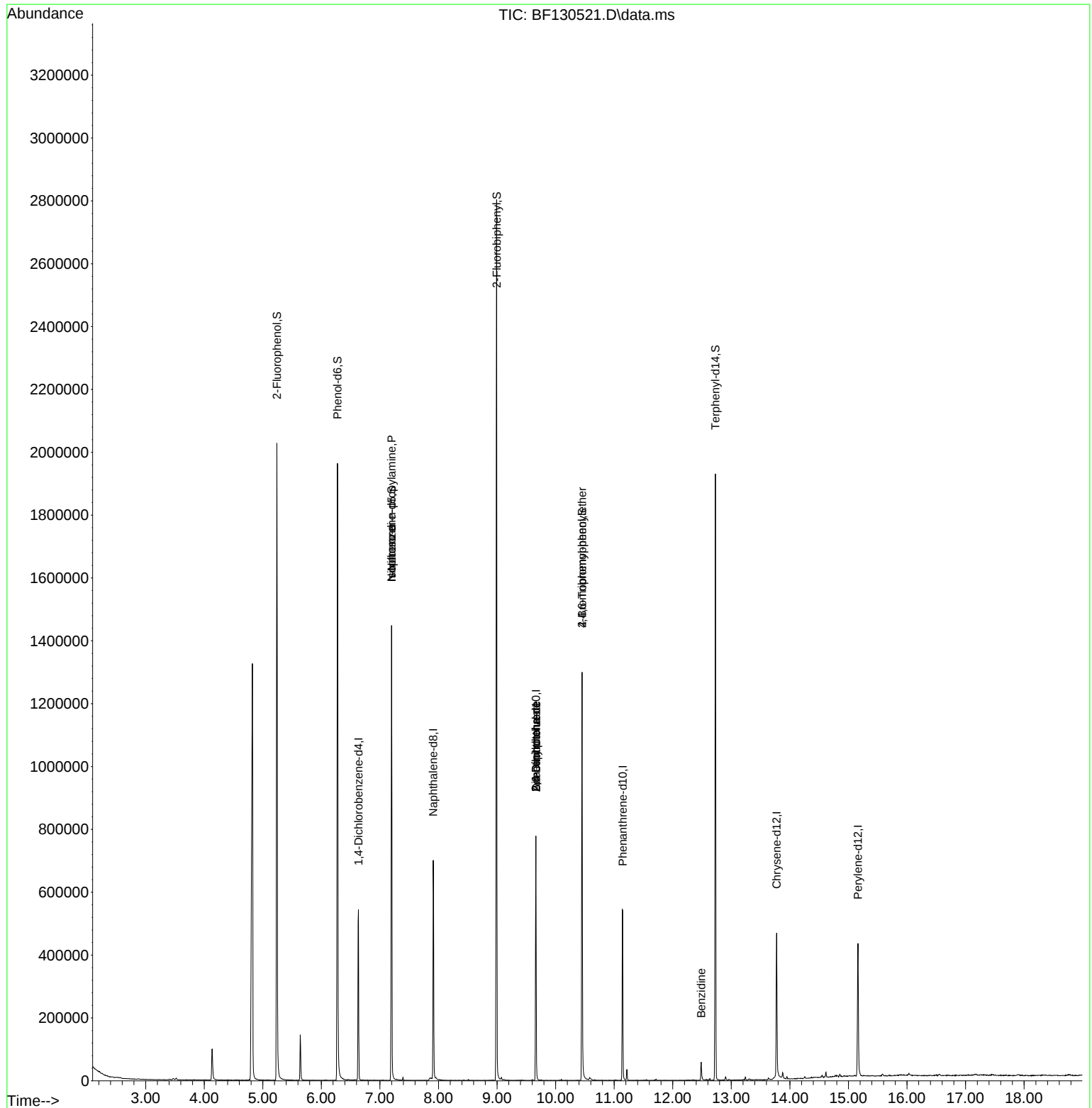
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	77628	20.000	ng	-0.01
21) Naphthalene-d8	7.910	136	308270	20.000	ng	-0.02
39) Acenaphthene-d10	9.663	164	146066	20.000	ng	-0.02
64) Phenanthrene-d10	11.145	188	210939	20.000	ng	-0.01
76) Chrysene-d12	13.774	240	149302	20.000	ng	-0.02
86) Perylene-d12	15.163	264	183501	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	553750	123.726	ng	0.00
7) Phenol-d6	6.275	99	688918	123.020	ng	-0.02
23) Nitrobenzene-d5	7.198	82	441473	73.164	ng	-0.02
42) 2,4,6-Tribromophenol	10.451	330	143687	102.664	ng	-0.02
45) 2-Fluorobiphenyl	8.992	172	778035	77.565	ng	-0.02
79) Terphenyl-d14	12.727	244	592606	65.749	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.198	70	59440	15.730	ng	# 74
25) Isophorone	7.198	82	441468	45.393	ng	# 66
50) Dimethylphthalate	9.663	163	27473	2.723	ng	# 1
51) 2,6-Dinitrotoluene	9.663	165	18940	8.976	ng	# 16
57) 2,4-Dinitrotoluene	9.663	165	18940	7.023	ng	# 16
67) 4-Bromophenyl-phenylether	10.451	248	8725	3.749	ng	# 1
77) Benzidine	12.486	184	26978	6.225	ng	96

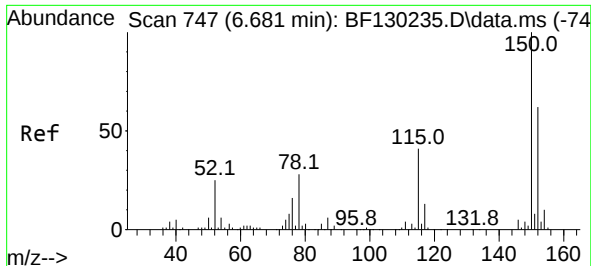
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
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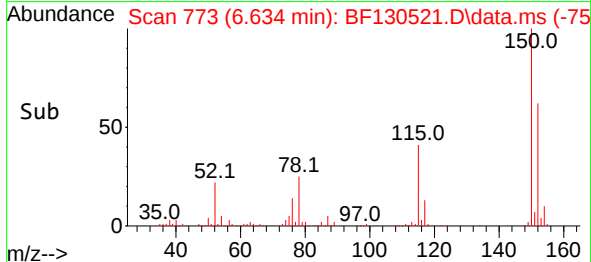
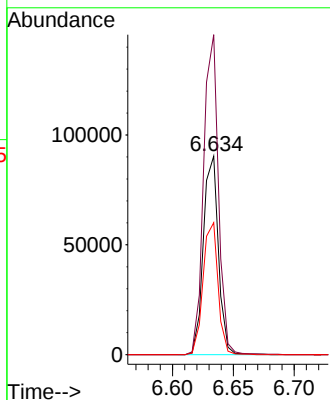
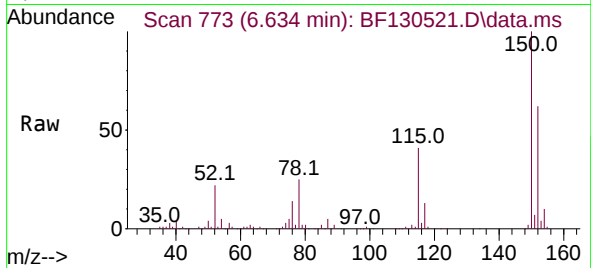




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF130521.D
 Acq: 04 Oct 2022 16:43

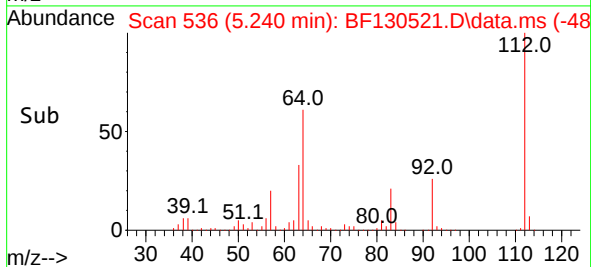
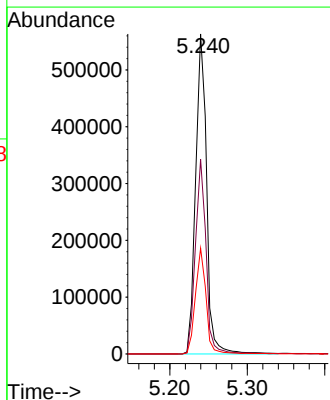
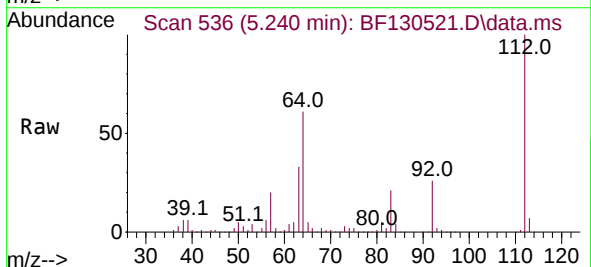
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:152 Resp: 77628
 Ion Ratio Lower Upper
 152 100
 150 161.3 122.8 184.2
 115 66.5 53.8 80.8



#5
 2-Fluorophenol
 Concen: 123.726 ng
 RT: 5.240 min Scan# 536
 Delta R.T. -0.006 min
 Lab File: BF130521.D
 Acq: 04 Oct 2022 16:43

Tgt Ion:112 Resp: 553750
 Ion Ratio Lower Upper
 112 100
 64 60.8 51.4 77.0
 63 33.0 28.8 43.2

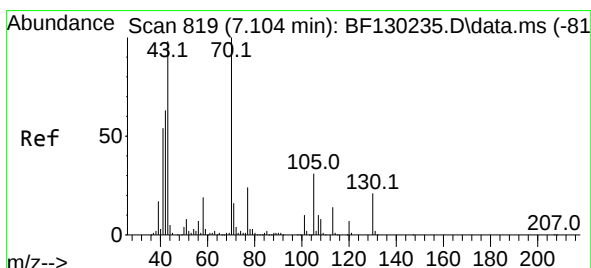
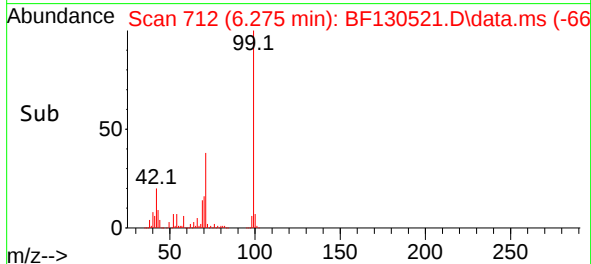
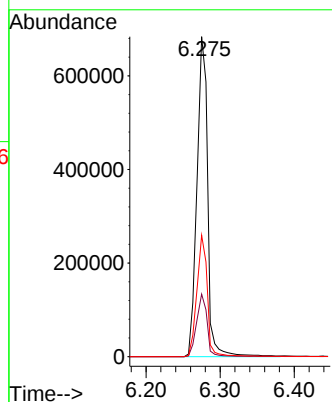
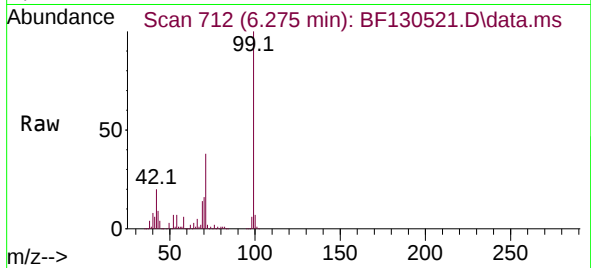




#7
Phenol-d6
Concen: 123.020 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130521.D
Acq: 04 Oct 2022 16:43

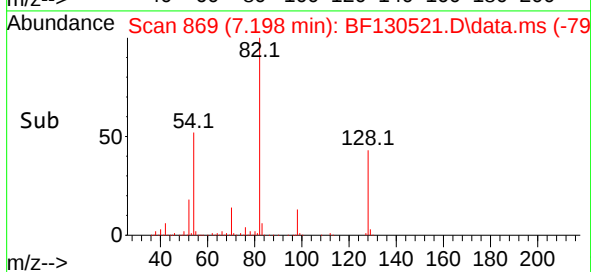
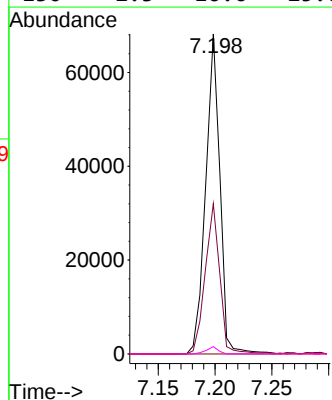
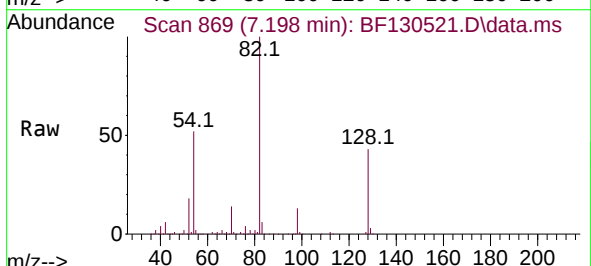
Instrument :
BNA_F
ClientSampleId :

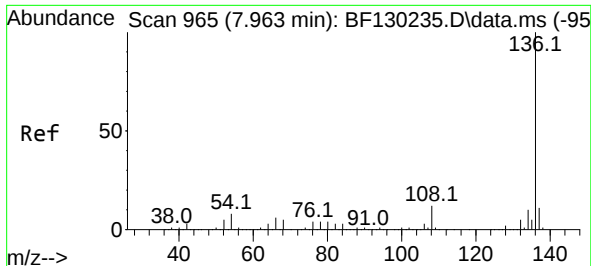
Tgt Ion: 99 Resp: 688918
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 37.9 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.730 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.130 min
Lab File: BF130521.D
Acq: 04 Oct 2022 16:43

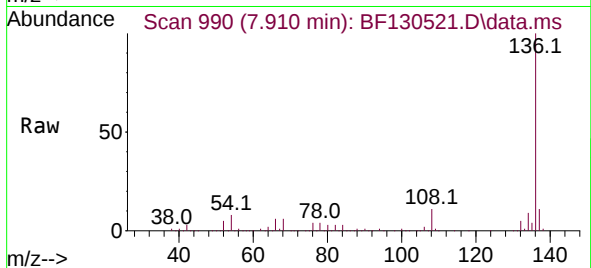
Tgt Ion: 70 Resp: 59440
Ion Ratio Lower Upper
70 100
42 46.9 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#



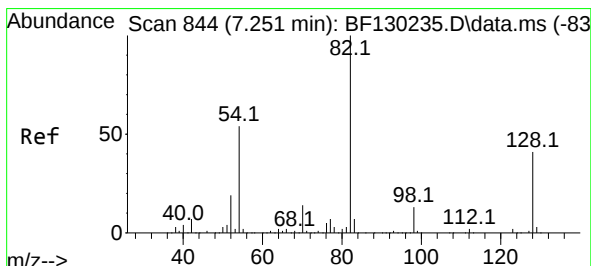
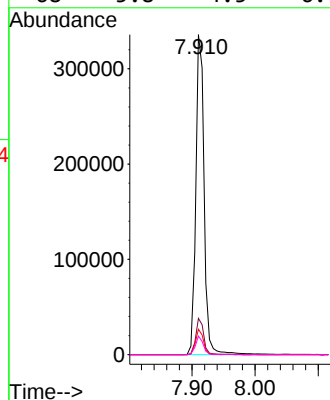
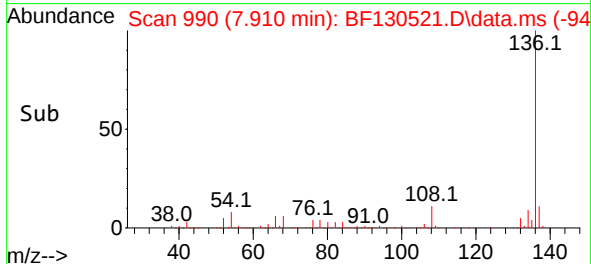


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.910 min Scan# 99
Delta R.T. -0.017 min
Lab File: BF130521.D
Acq: 04 Oct 2022 16:43

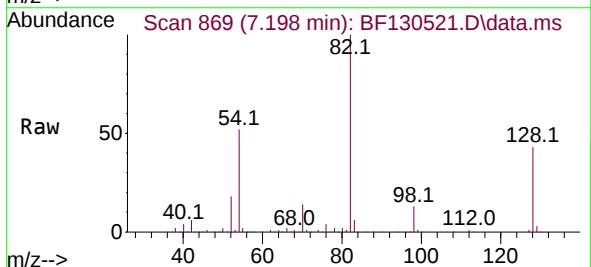
Instrument :
BNA_F
ClientSampleId :



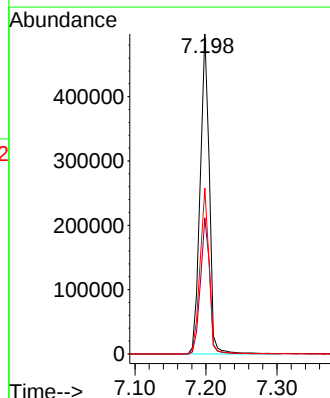
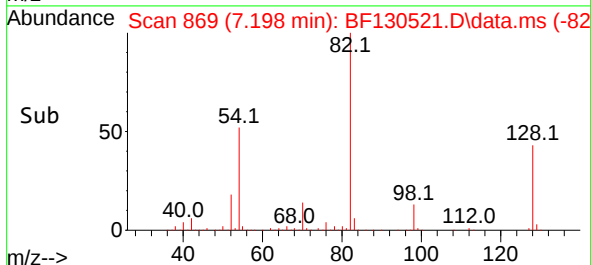
Tgt Ion:136 Resp: 308270
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.0 7.1 10.7
68 5.8 4.5 6.7

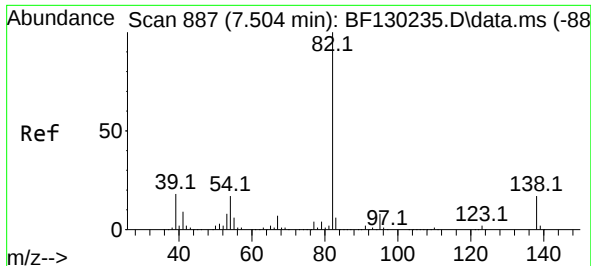


#23
Nitrobenzene-d5
Concen: 73.164 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.017 min
Lab File: BF130521.D
Acq: 04 Oct 2022 16:43



Tgt Ion: 82 Resp: 441473
Ion Ratio Lower Upper
82 100
128 42.5 32.6 49.0
54 51.8 43.8 65.6

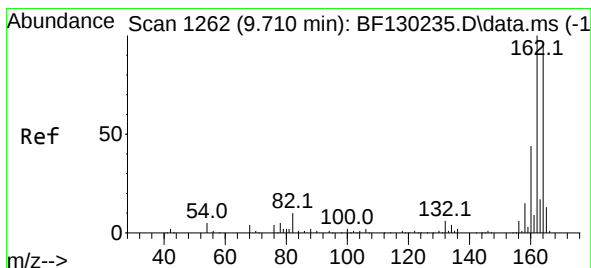
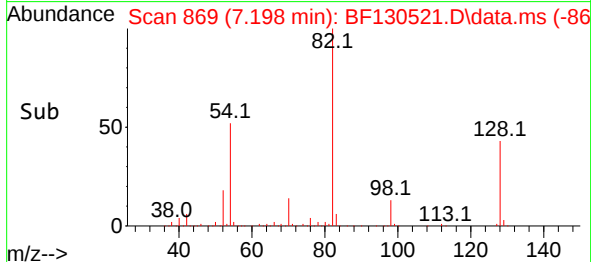
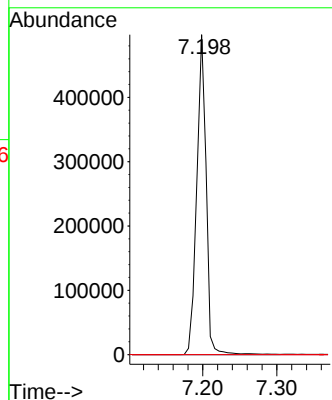
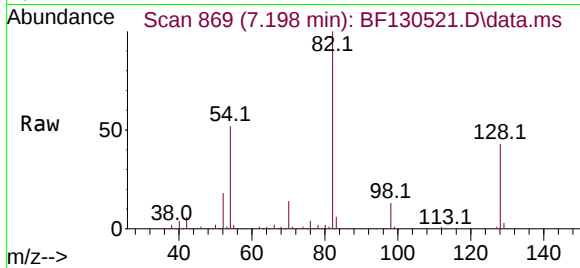




#25
Isophorone
Concen: 45.393 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.276 min
Lab File: BF130521.D
Acq: 04 Oct 2022 16:43

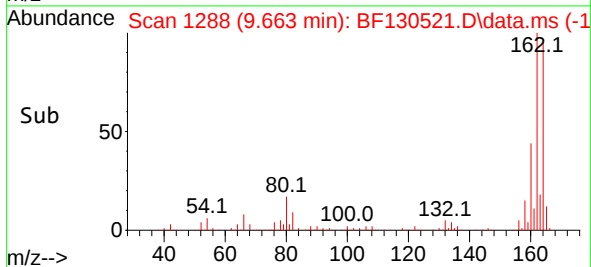
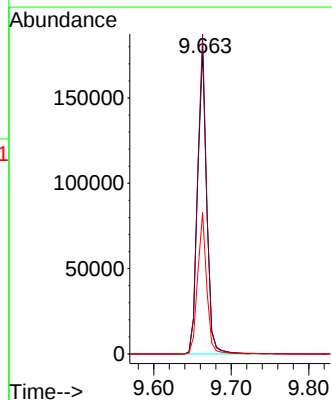
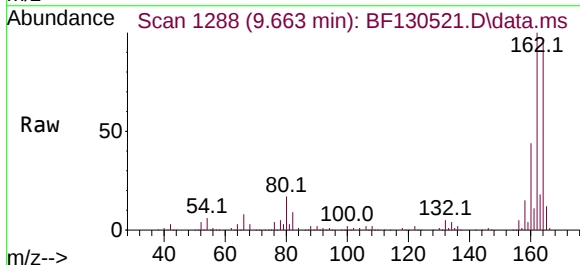
Instrument :
BNA_F
ClientSampleId :

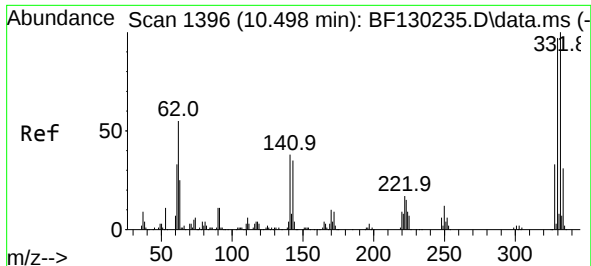
Tgt Ion: 82 Resp: 441468
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.018 min
Lab File: BF130521.D
Acq: 04 Oct 2022 16:43

Tgt Ion: 164 Resp: 146066
Ion Ratio Lower Upper
164 100
162 105.1 81.4 122.0
160 46.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 102.664 ng

RT: 10.451 min Scan# 1422

Delta R.T. -0.018 min

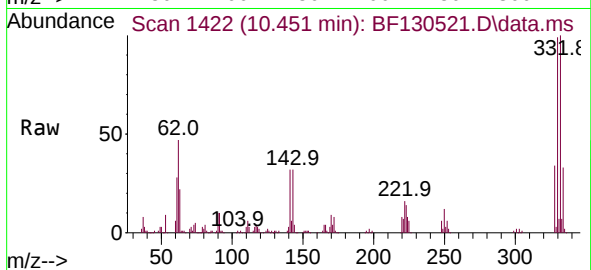
Lab File: BF130521.D

Acq: 04 Oct 2022 16:43

Instrument :

BNA_F

ClientSampleId :



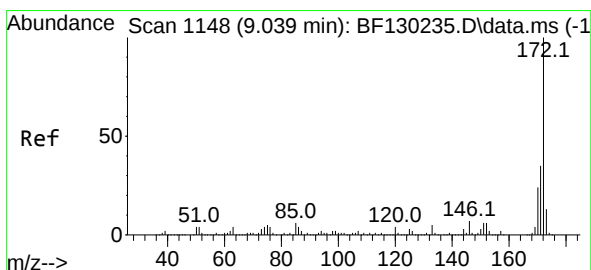
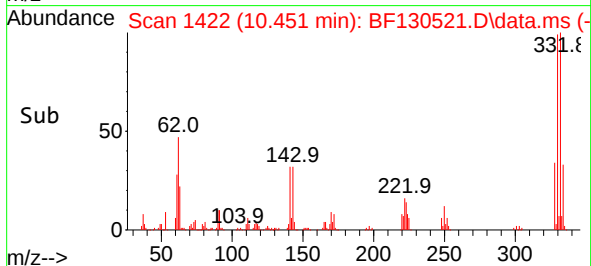
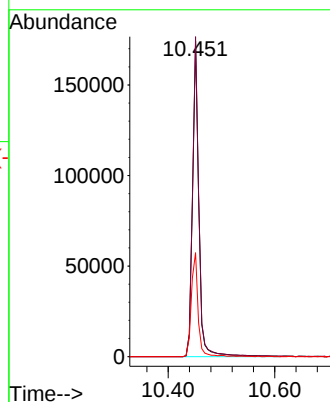
Tgt Ion:330 Resp: 143687

Ion Ratio Lower Upper

330 100

332 101.0 83.4 125.2

141 34.9 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 77.565 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.017 min

Lab File: BF130521.D

Acq: 04 Oct 2022 16:43

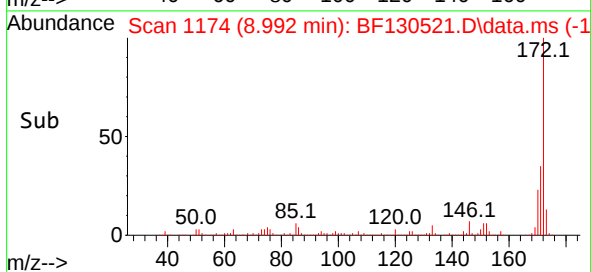
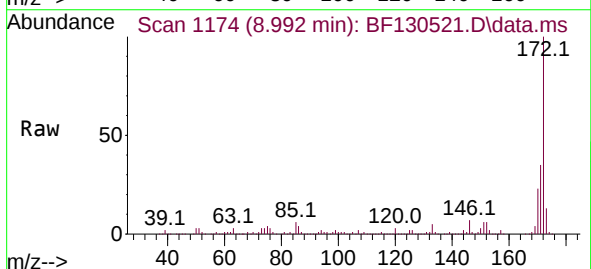
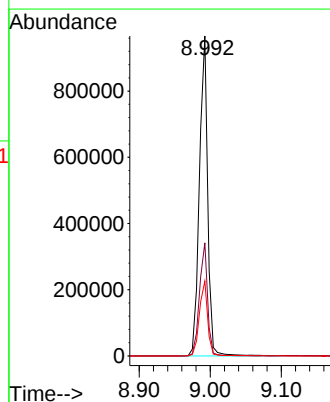
Tgt Ion:172 Resp: 778035

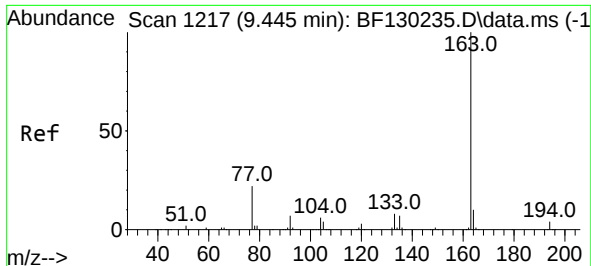
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.4 18.7 28.1

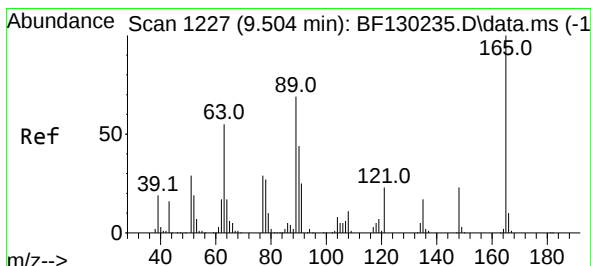
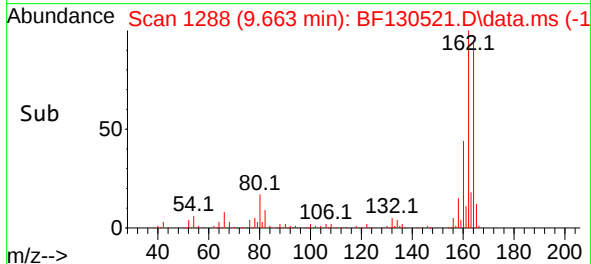
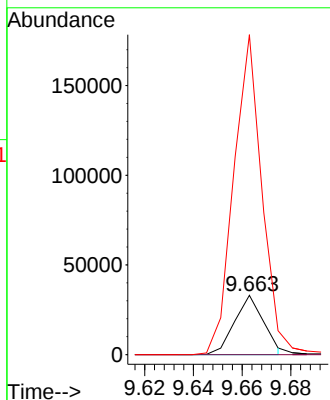
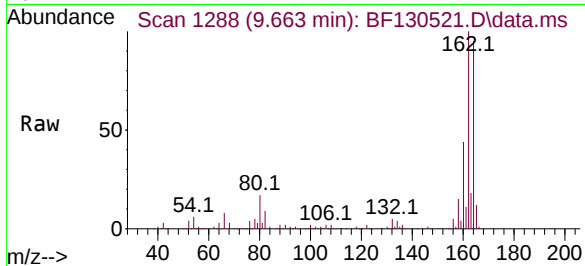




#50
Dimethylphthalate
Concen: 2.723 ng
RT: 9.663 min Scan# 1217
Delta R.T. 0.247 min
Lab File: BF130521.D
Acq: 04 Oct 2022 16:43

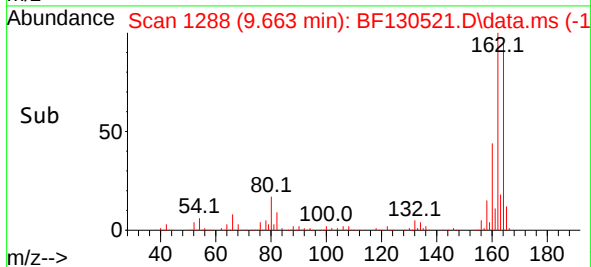
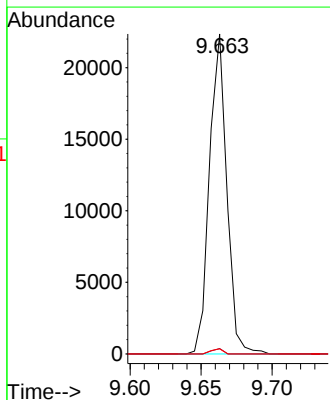
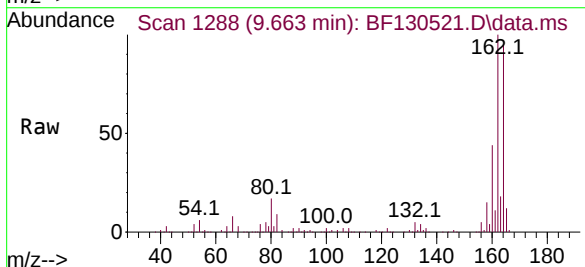
Instrument :
BNA_F
ClientSampleId :

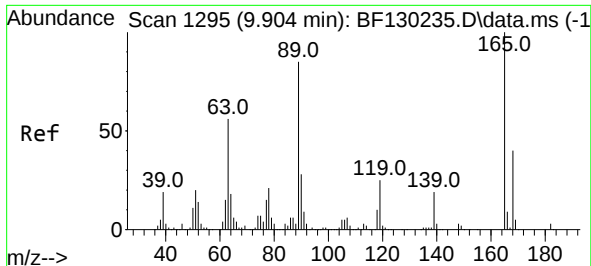
Tgt Ion:163 Resp: 27473
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 539.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.976 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.188 min
Lab File: BF130521.D
Acq: 04 Oct 2022 16:43

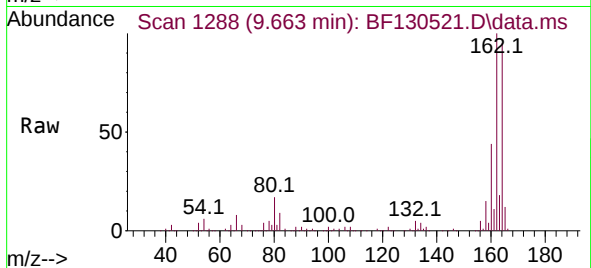
Tgt Ion:165 Resp: 18940
Ion Ratio Lower Upper
165 100
63 1.7 58.8 88.2#
89 1.6 54.5 81.7#



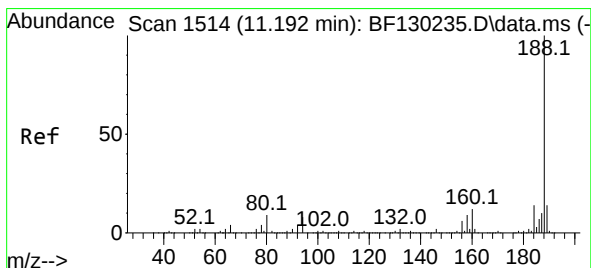
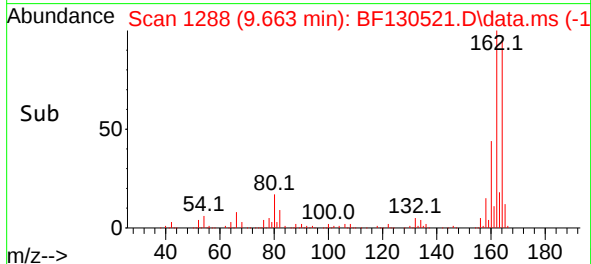
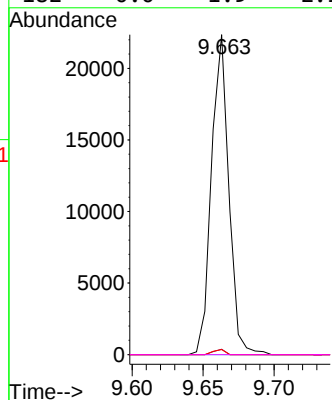


#57
2,4-Dinitrotoluene
Concen: 7.023 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130521.D
Acq: 04 Oct 2022 16:43

Instrument :
BNA_F
ClientSampleId :

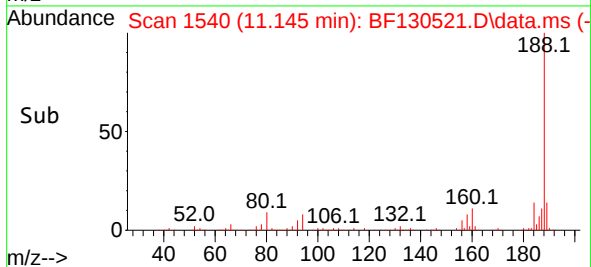
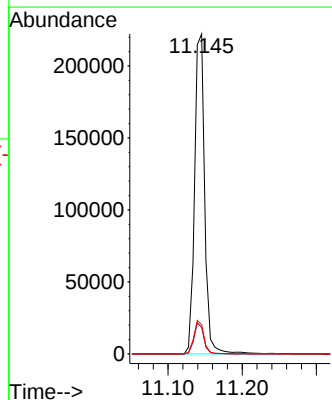
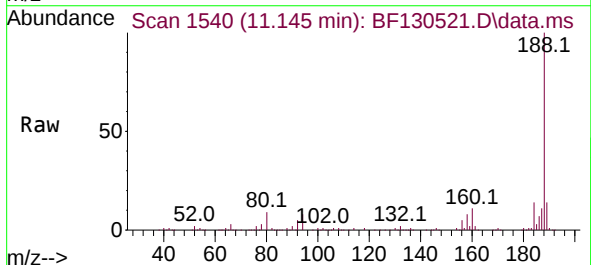


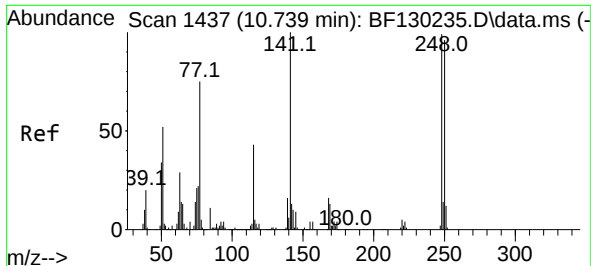
Tgt Ion:165 Resp: 18940
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 1.6 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130521.D
Acq: 04 Oct 2022 16:43

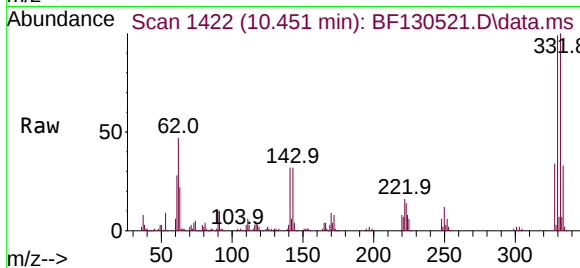
Tgt Ion:188 Resp: 210939
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.1 7.9 11.9



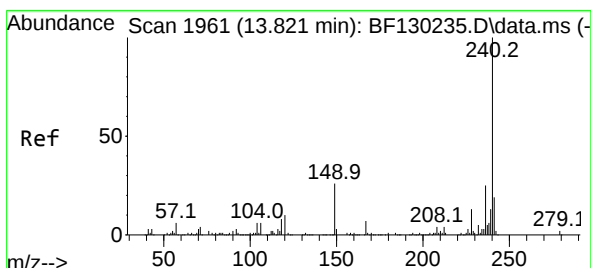
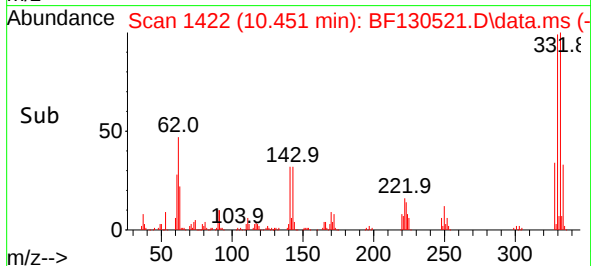
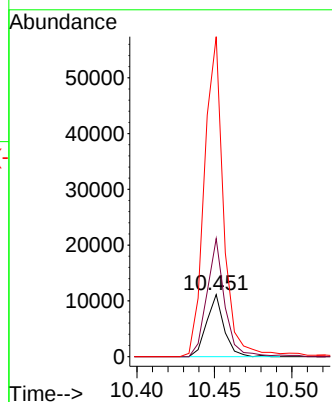


#67
4-Bromophenyl-phenylether
Concen: 3.749 ng
RT: 10.451 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF130521.D
Acq: 04 Oct 2022 16:43

Instrument :
BNA_F
ClientSampleId :

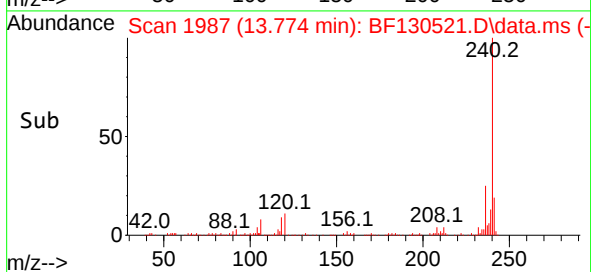
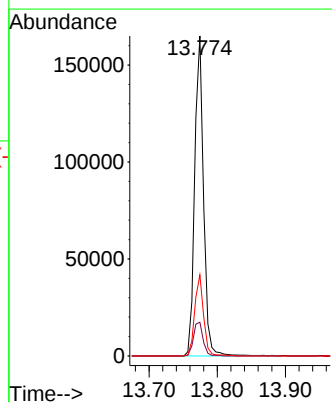
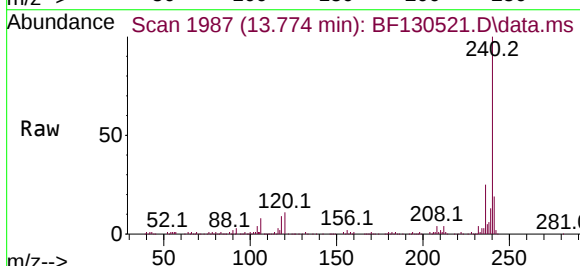


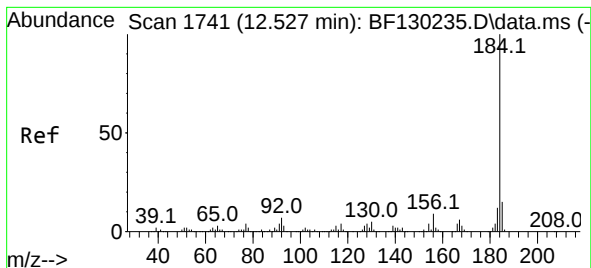
Tgt Ion:248 Resp: 8725
Ion Ratio Lower Upper
248 100
250 190.5 80.0 120.0#
141 516.6 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.774 min Scan# 1987
Delta R.T. -0.017 min
Lab File: BF130521.D
Acq: 04 Oct 2022 16:43

Tgt Ion:240 Resp: 149302
Ion Ratio Lower Upper
240 100
120 10.5 8.7 13.1
236 25.3 20.9 31.3





#77

Benzidine

Concen: 6.225 ng

RT: 12.486 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF130521.D

Acq: 04 Oct 2022 16:43

Instrument :

BNA_F

ClientSampleId :

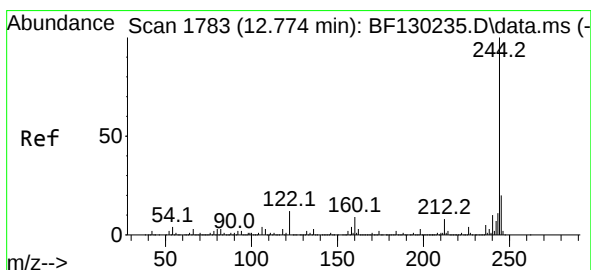
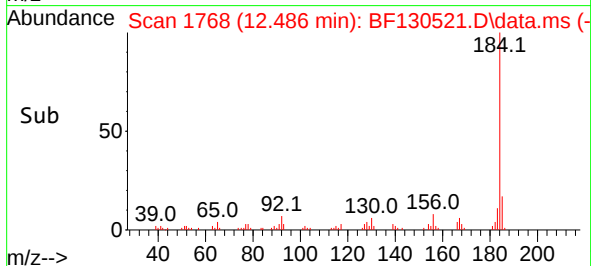
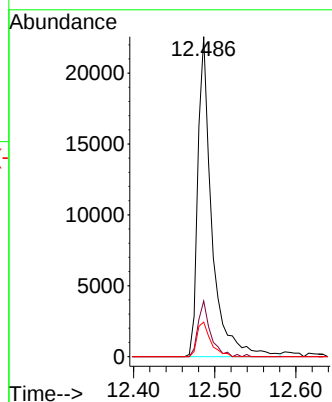
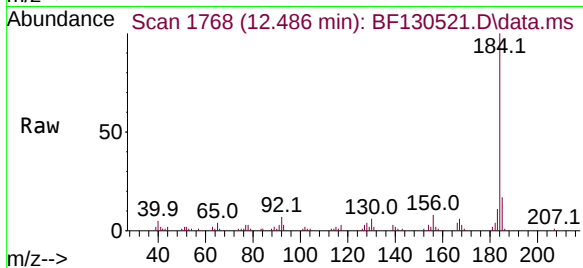
Tgt Ion:184 Resp: 26978

Ion Ratio Lower Upper

184 100

185 17.4 11.8 17.6

183 10.8 9.1 13.7



#79

Terphenyl-d14

Concen: 65.749 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.017 min

Lab File: BF130521.D

Acq: 04 Oct 2022 16:43

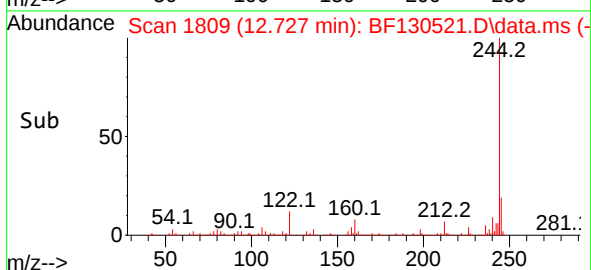
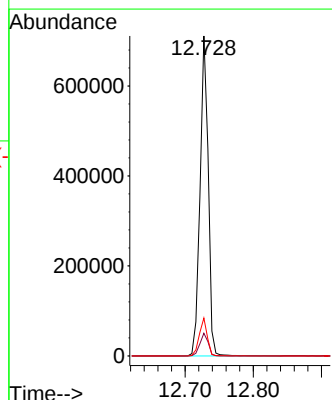
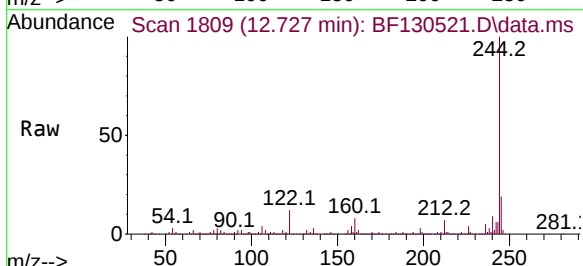
Tgt Ion:244 Resp: 592606

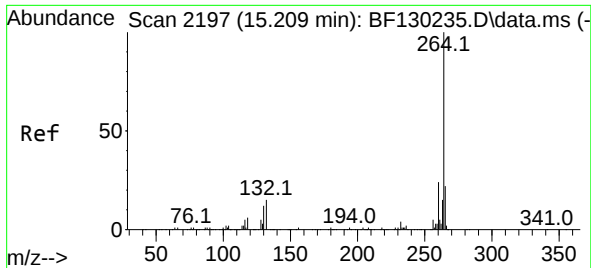
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

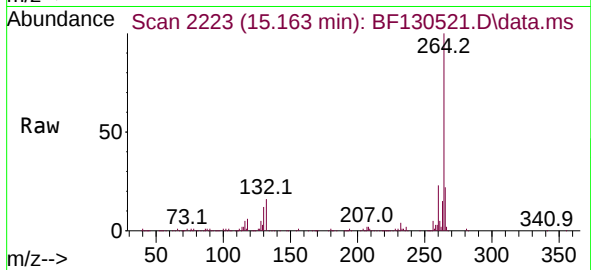
122 11.8 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.163 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF130521.D
Acq: 04 Oct 2022 16:43

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 183501
Ion Ratio Lower Upper
264 100
260 22.9 19.3 28.9
265 21.8 17.0 25.4

