

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130935.D
 Acq On : 02 Nov 2022 17:41
 Operator : CG\JU
 Sample : N5395-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1-103122

Quant Time: Nov 03 03:44:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

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

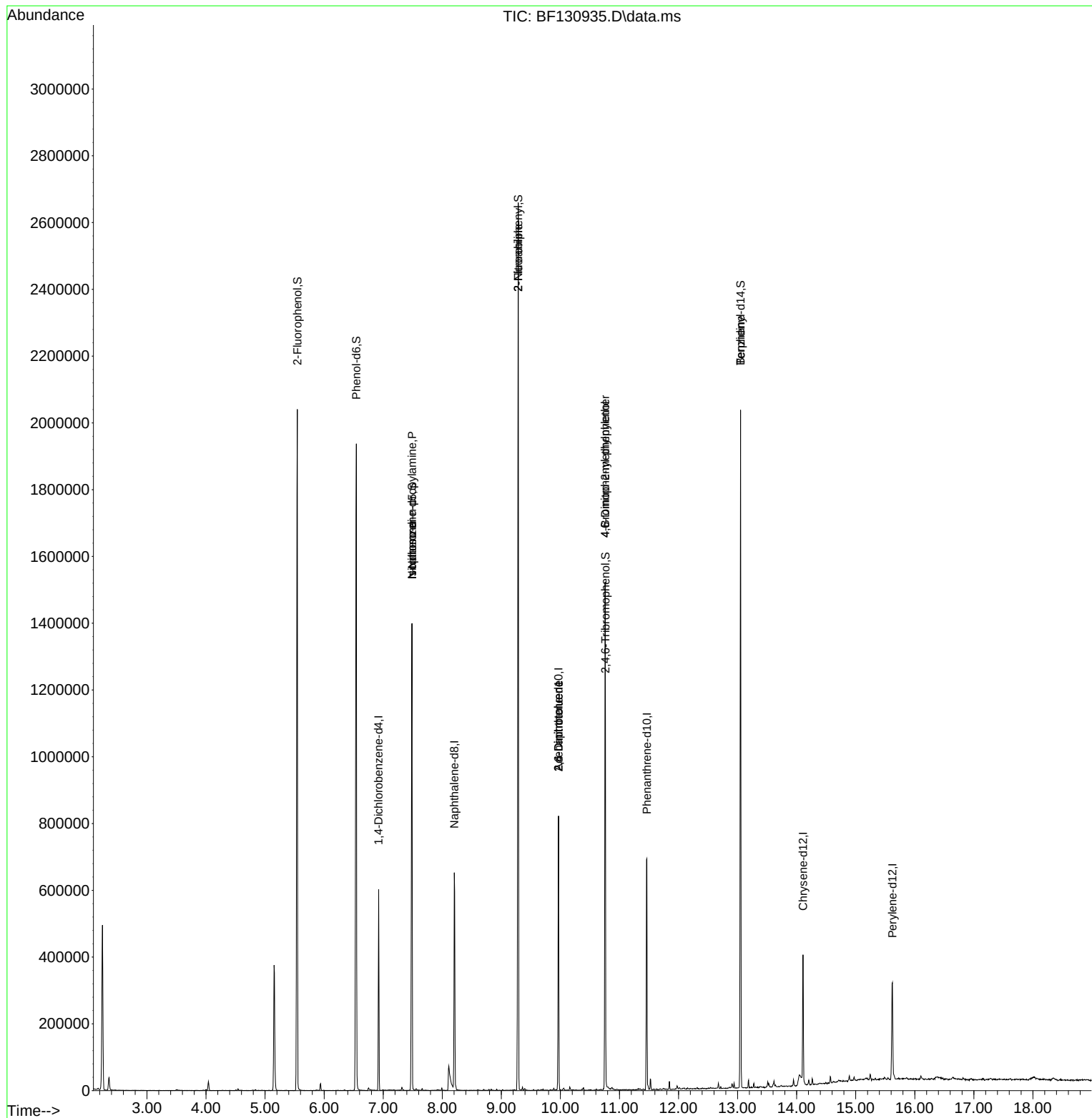
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	71522	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	282269	20.000	ng	-0.01
39) Acenaphthene-d10	9.969	164	151579	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	255922	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	132811	20.000	ng	-0.01
86) Perylene-d12	15.621	264	137658	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	506698	122.818	ng	0.00
7) Phenol-d6	6.545	99	641218	119.603	ng	0.00
23) Nitrobenzene-d5	7.487	82	442583	94.545	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	160486	125.774	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	764499	76.253	ng	0.00
79) Terphenyl-d14	13.051	244	619763	85.512	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	60840	16.679	ng	# 79
25) Isophorone	7.487	82	442576	45.848	ng	# 66
48) 2-Nitroaniline	9.286	65	1536	4.651	ng	# 1
51) 2,6-Dinitrotoluene	9.969	165	19836	12.229	ng	# 15
57) 2,4-Dinitrotoluene	9.969	165	19836	11.068	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.757	198	586	8.386	ng	# 1
67) 4-Bromophenyl-phenylether	10.757	248	10440	4.056	ng	# 1
77) Benzidine	13.051	184	9948	3.086	ng	# 91

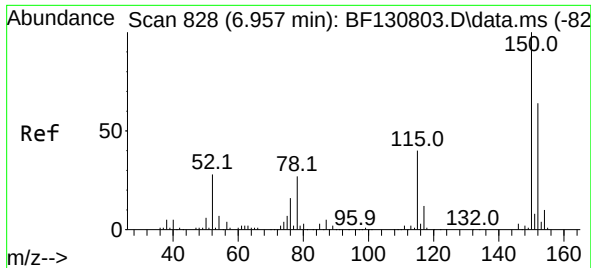
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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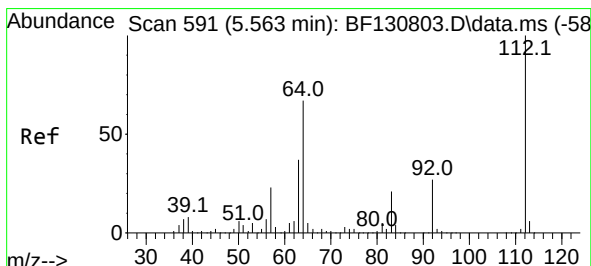
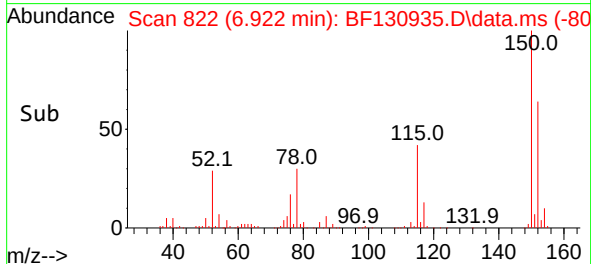
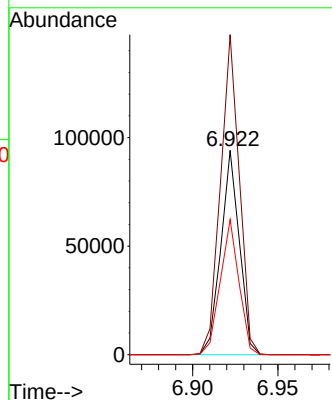
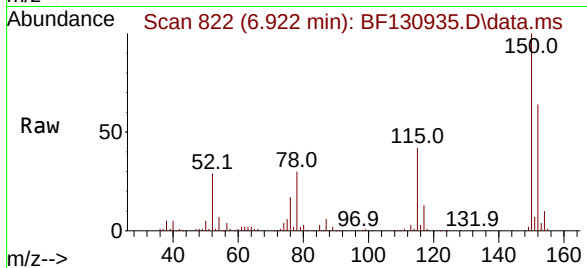




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130935.D
Acq: 02 Nov 2022 17:41

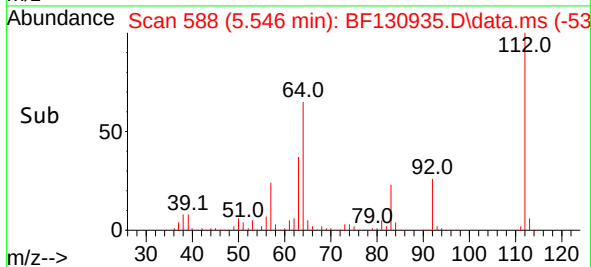
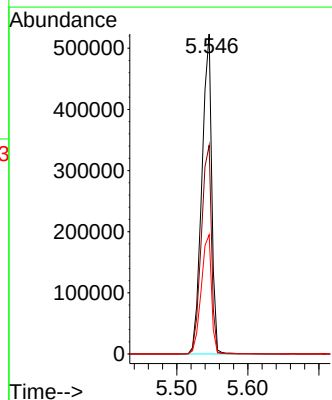
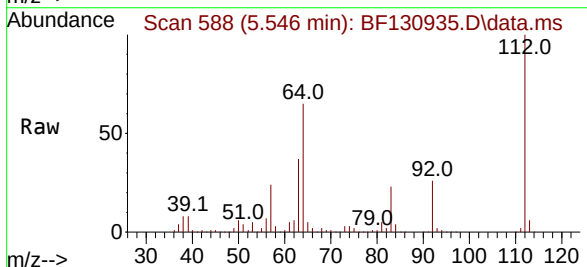
Instrument :
BNA_F
ClientSampleId :
S-1-103122

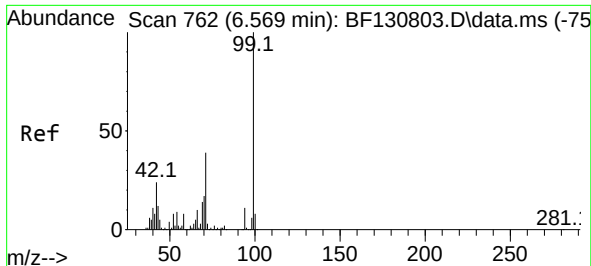
Tgt Ion:152 Resp: 71522
Ion Ratio Lower Upper
152 100
150 156.6 124.1 186.1
115 66.2 50.1 75.1



#5
2-Fluorophenol
Concen: 122.818 ng
RT: 5.546 min Scan# 588
Delta R.T. 0.006 min
Lab File: BF130935.D
Acq: 02 Nov 2022 17:41

Tgt Ion:112 Resp: 506698
Ion Ratio Lower Upper
112 100
64 65.2 53.9 80.9
63 37.3 29.4 44.2

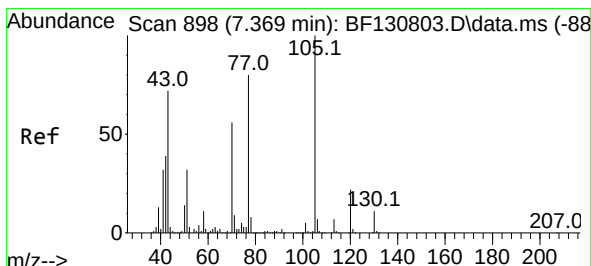
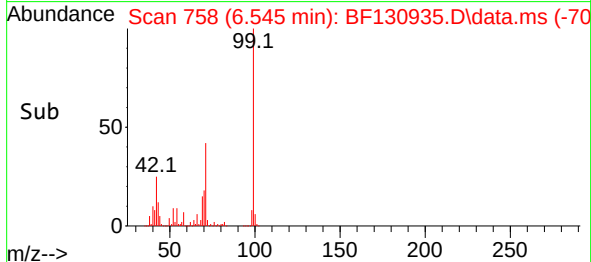
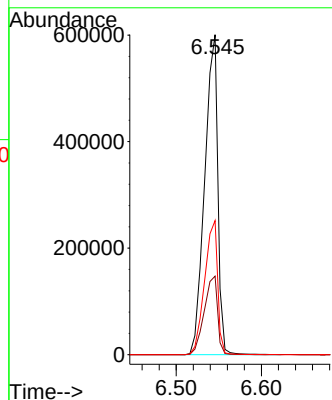
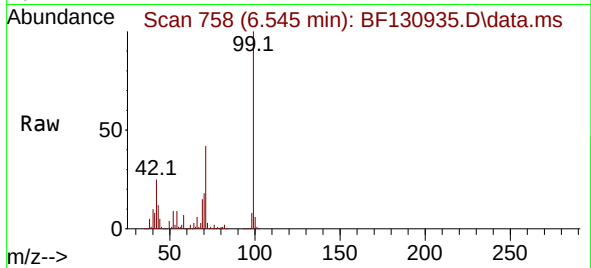




#7
Phenol-d6
Concen: 119.603 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130935.D
Acq: 02 Nov 2022 17:41

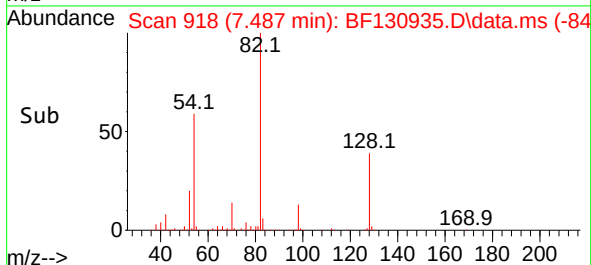
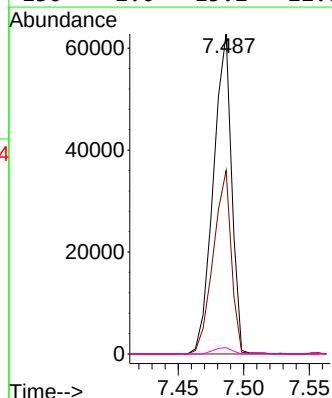
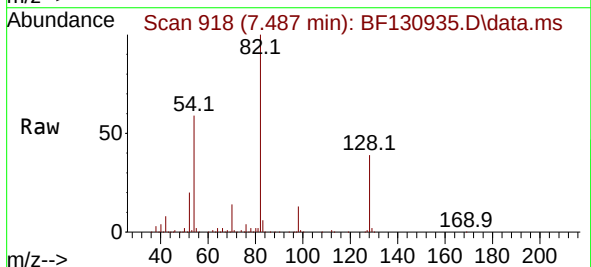
Instrument :
BNA_F
ClientSampleId :
S-1-103122

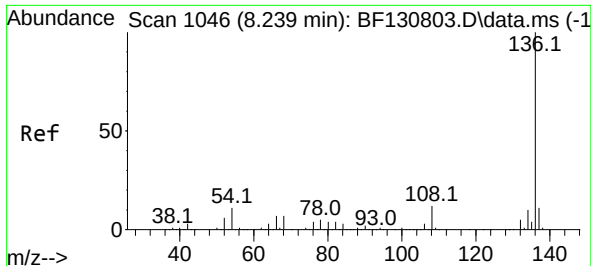
Tgt Ion: 99 Resp: 641218
Ion Ratio Lower Upper
99 100
42 24.6 18.8 28.2
71 41.9 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.679 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF130935.D
Acq: 02 Nov 2022 17:41

Tgt Ion: 70 Resp: 60840
Ion Ratio Lower Upper
70 100
42 57.3 56.1 84.1
101 0.0 7.3 10.9#
130 2.0 15.2 22.8#

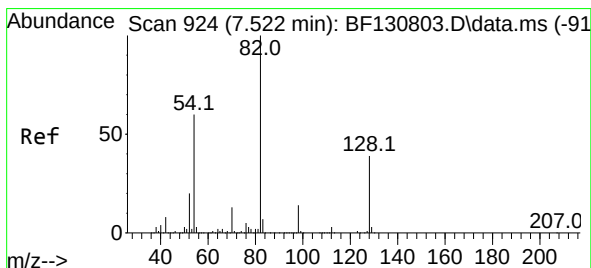
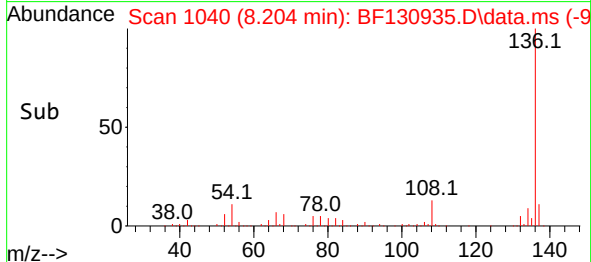
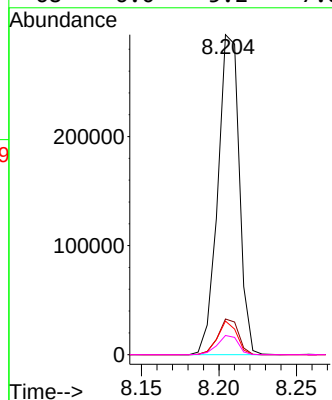
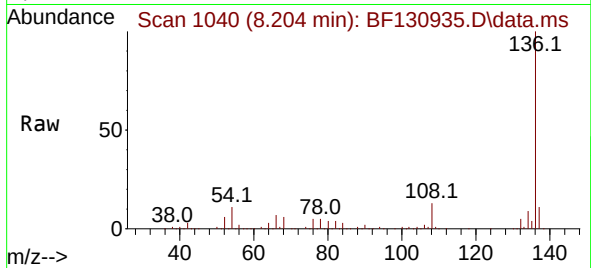




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF130935.D
Acq: 02 Nov 2022 17:41

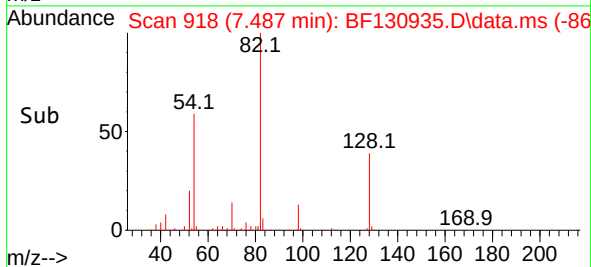
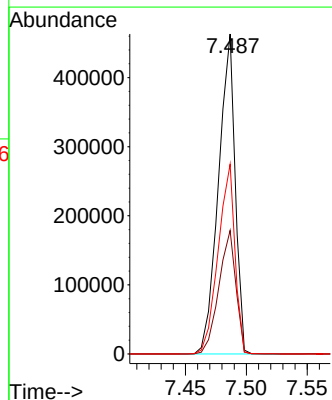
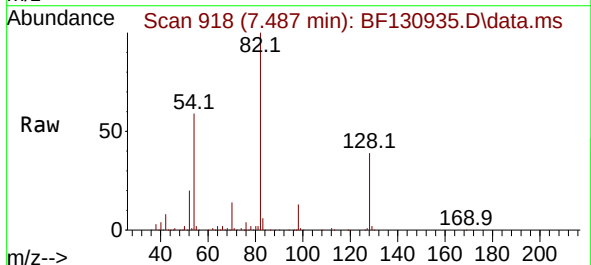
Instrument :
BNA_F
ClientSampleId :
S-1-103122

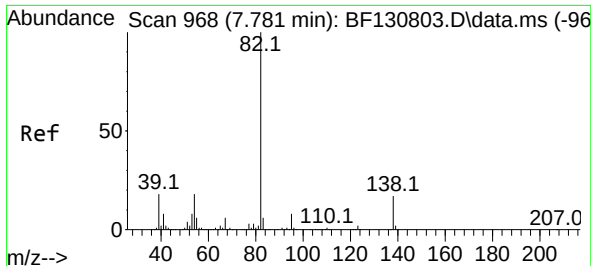
Tgt Ion:136	Resp: 282269
Ion Ratio	Lower Upper
136 100	
137 11.2	9.2 13.8
54 10.5	8.8 13.2
68 6.0	5.2 7.8



#23
Nitrobenzene-d5
Concen: 94.545 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130935.D
Acq: 02 Nov 2022 17:41

Tgt Ion: 82	Resp: 442583
Ion Ratio	Lower Upper
82 100	
128 38.6	31.2 46.8
54 59.3	48.0 72.0

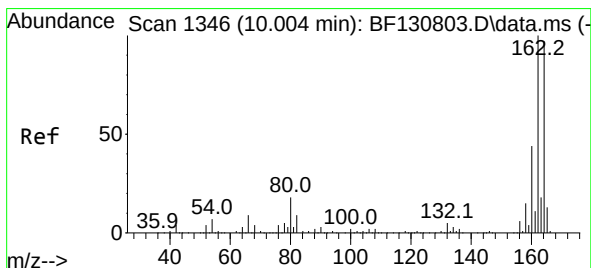
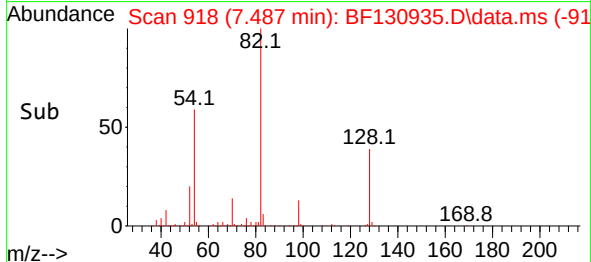
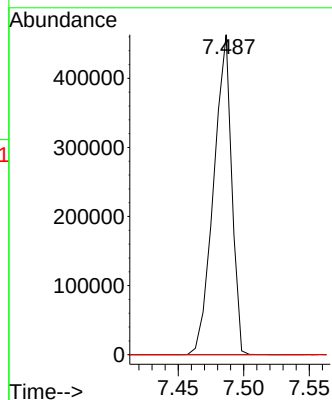
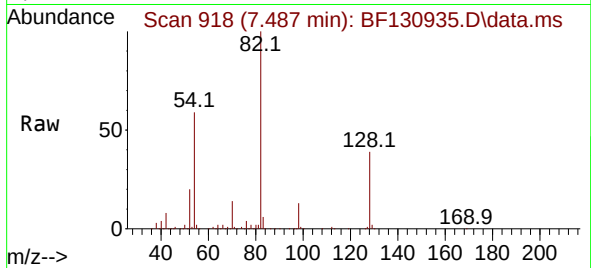




#25
Isophorone
Concen: 45.848 ng
RT: 7.487 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130935.D
Acq: 02 Nov 2022 17:41

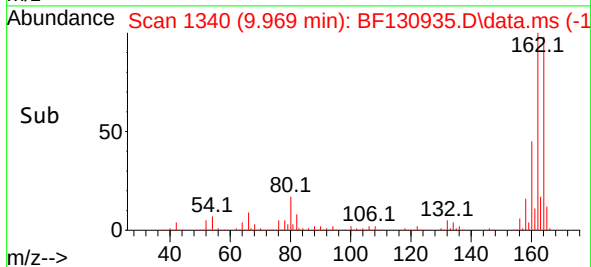
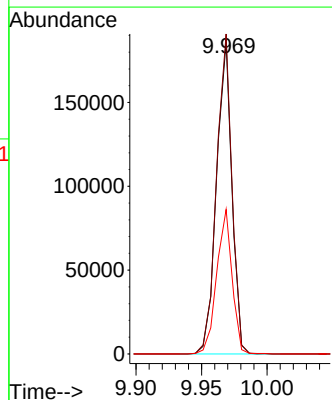
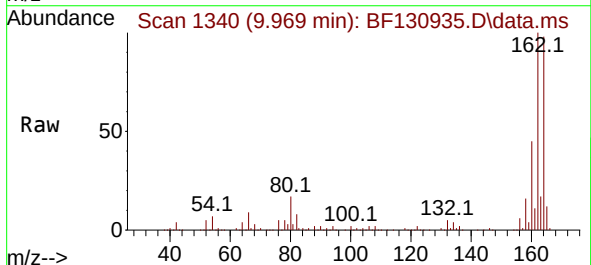
Instrument :
BNA_F
ClientSampleId :
S-1-103122

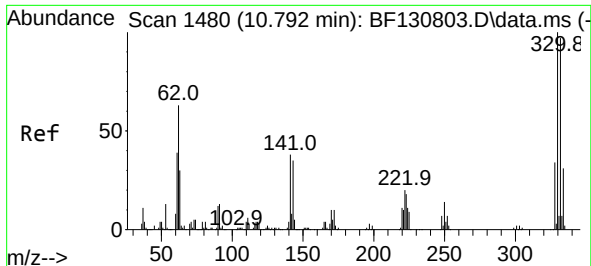
Tgt Ion: 82 Resp: 442576
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF130935.D
Acq: 02 Nov 2022 17:41

Tgt Ion:164 Resp: 151579
Ion Ratio Lower Upper
164 100
162 102.5 82.2 123.2
160 46.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 125.774 ng

RT: 10.763 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130935.D

Acq: 02 Nov 2022 17:41

Instrument :

BNA_F

ClientSampleId :

S-1-103122

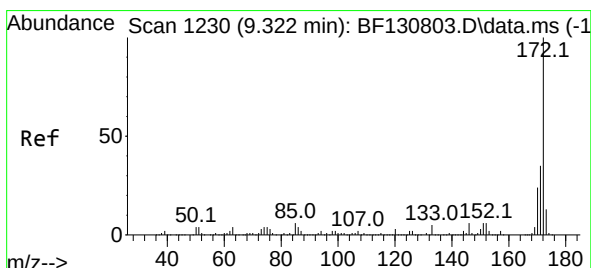
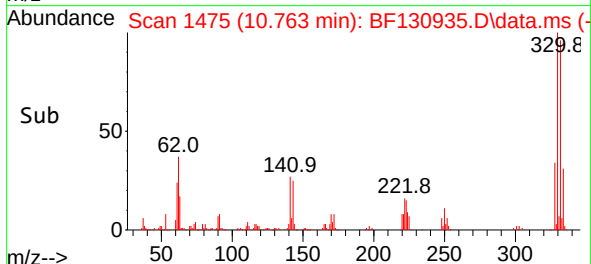
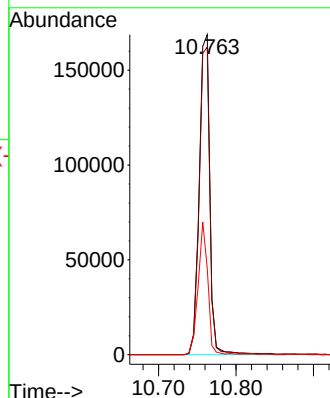
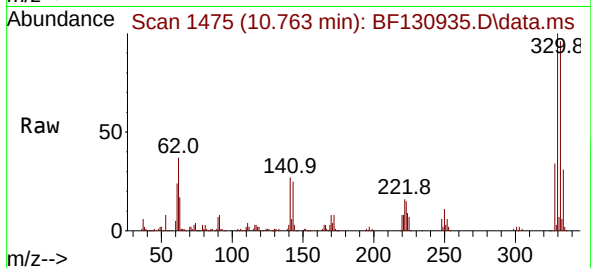
Tgt Ion:330 Resp: 160486

Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

141 37.6 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 76.253 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF130935.D

Acq: 02 Nov 2022 17:41

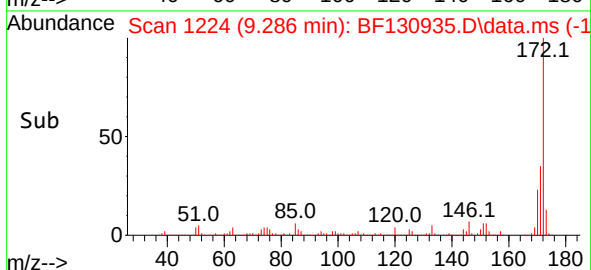
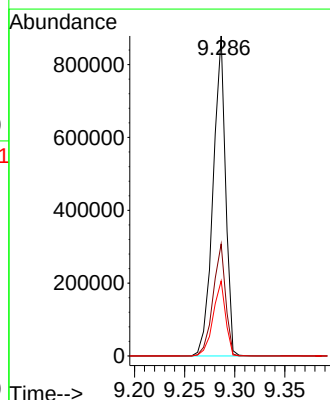
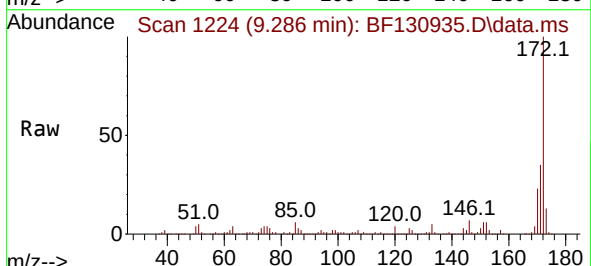
Tgt Ion:172 Resp: 764499

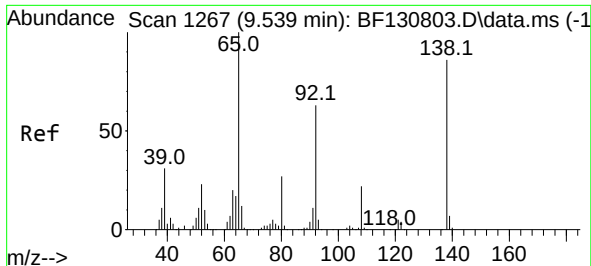
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.5 19.0 28.4





#48

2-Nitroaniline

Concen: 4.651 ng

RT: 9.286 min Scan# 11

Delta R.T. -0.229 min

Lab File: BF130935.D

Acq: 02 Nov 2022 17:41

Instrument :

BNA_F

ClientSampleId :

S-1-103122

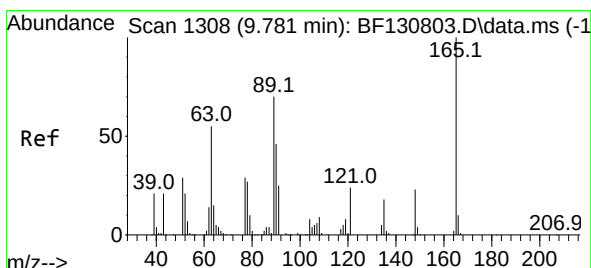
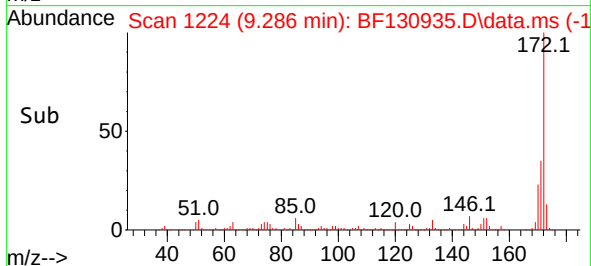
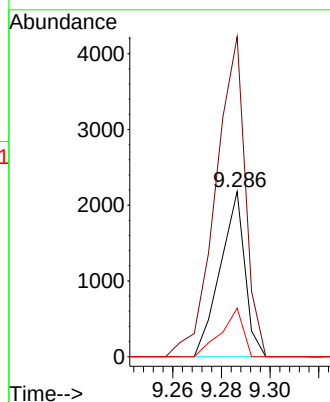
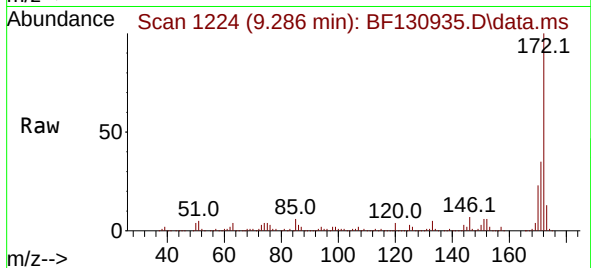
Tgt Ion: 65 Resp: 1536

Ion Ratio Lower Upper

65 100

92 193.7 50.1 75.1#

138 29.3 69.2 103.8#



#51

2,6-Dinitrotoluene

Concen: 12.229 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.212 min

Lab File: BF130935.D

Acq: 02 Nov 2022 17:41

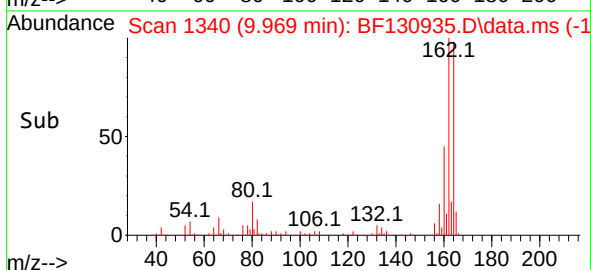
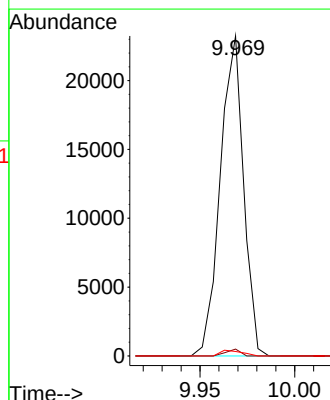
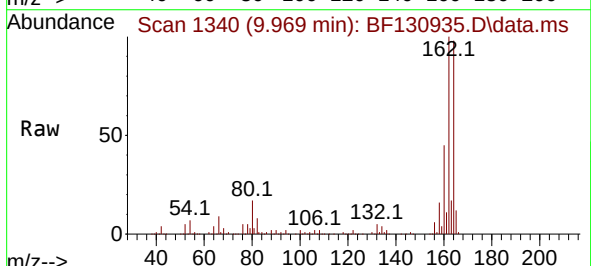
Tgt Ion: 165 Resp: 19836

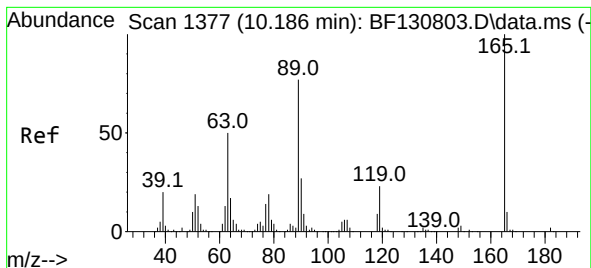
Ion Ratio Lower Upper

165 100

63 2.2 61.8 92.8#

89 1.4 56.2 84.4#

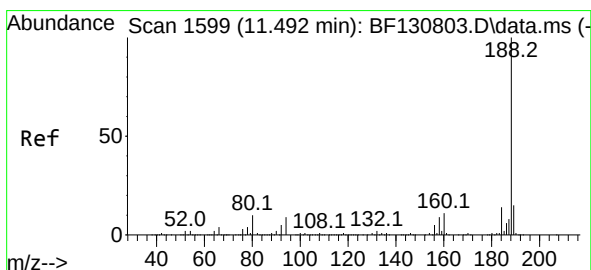
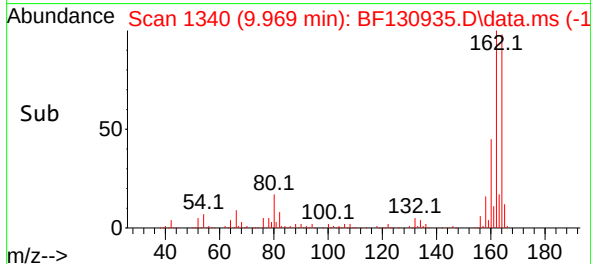
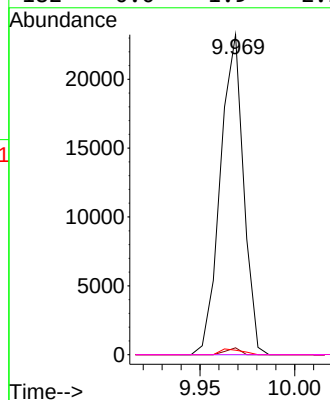
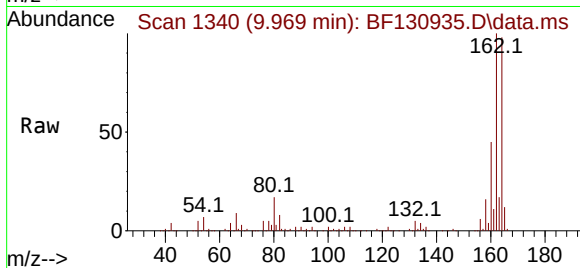




#57
2,4-Dinitrotoluene
Concen: 11.068 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130935.D
Acq: 02 Nov 2022 17:41

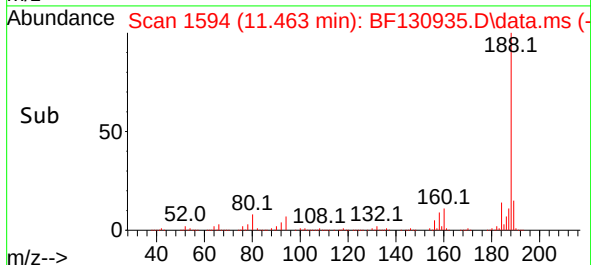
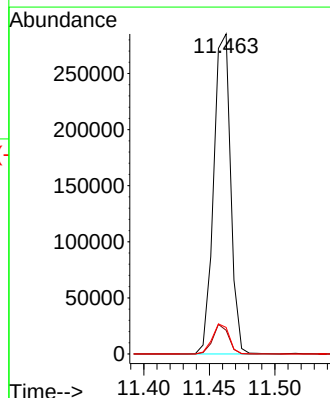
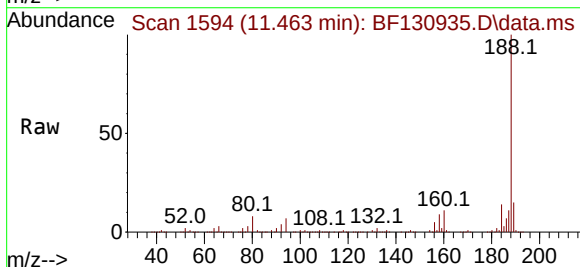
Instrument :
BNA_F
ClientSampleId :
S-1-103122

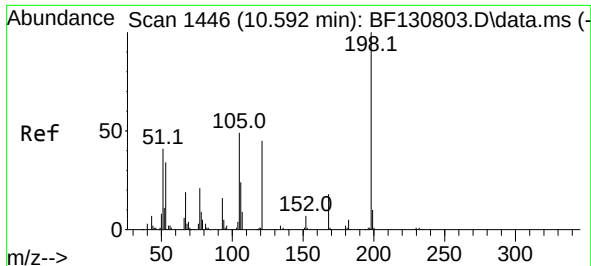
Tgt Ion:165 Resp: 19836
Ion Ratio Lower Upper
165 100
63 2.2 39.8 59.6#
89 1.4 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF130935.D
Acq: 02 Nov 2022 17:41

Tgt Ion:188 Resp: 255922
Ion Ratio Lower Upper
188 100
94 7.4 7.4 11.2#
80 8.3 8.0 12.0

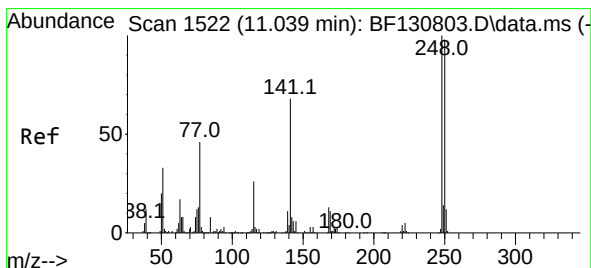
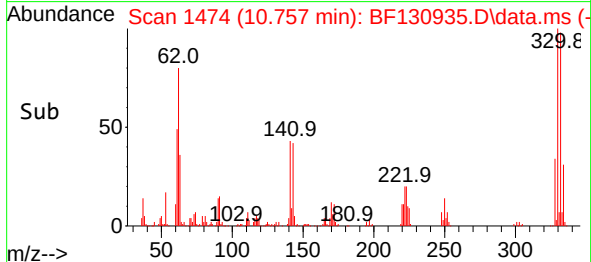
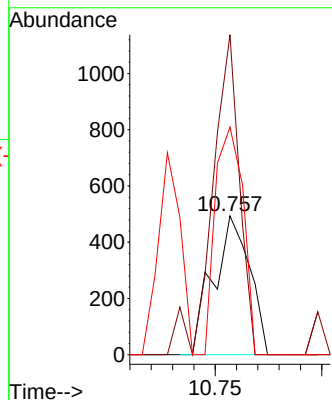
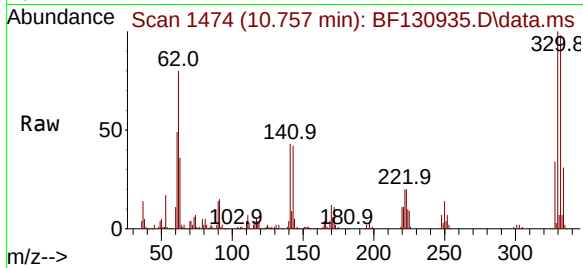




#65
4,6-Dinitro-2-methylphenol
Concen: 8.386 ng
RT: 10.757 min Scan# 1446
Delta R.T. 0.188 min
Lab File: BF130935.D
Acq: 02 Nov 2022 17:41

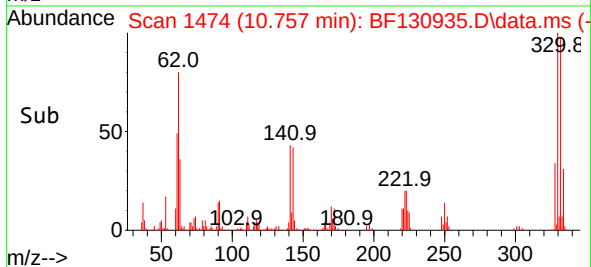
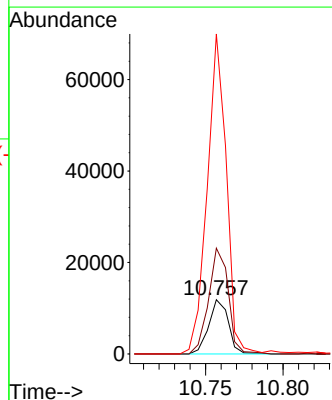
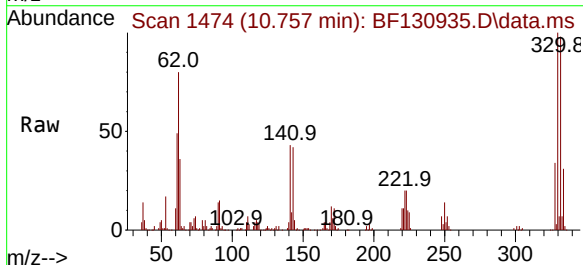
Instrument :
BNA_F
ClientSampleId :
S-1-103122

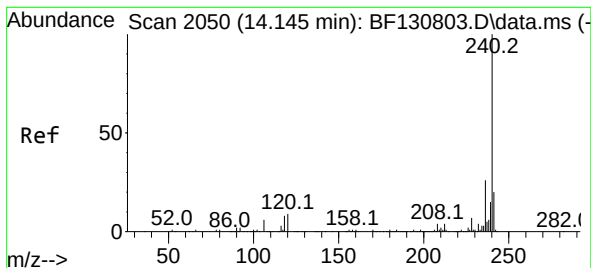
Tgt Ion:198 Resp: 586
Ion Ratio Lower Upper
198 100
51 230.4 39.0 79.0#
105 163.8 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.056 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.253 min
Lab File: BF130935.D
Acq: 02 Nov 2022 17:41

Tgt Ion:248 Resp: 10440
Ion Ratio Lower Upper
248 100
250 195.1 78.6 117.8#
141 590.6 54.2 81.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 2050

Delta R.T. -0.012 min

Lab File: BF130935.D

Acq: 02 Nov 2022 17:41

Instrument :

BNA_F

ClientSampleId :

S-1-103122

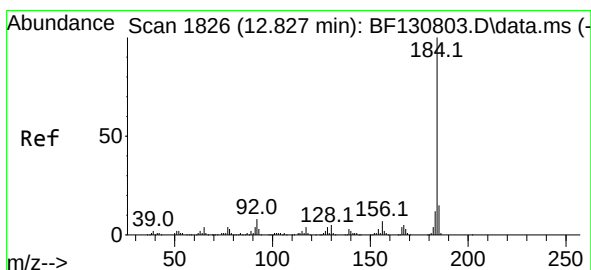
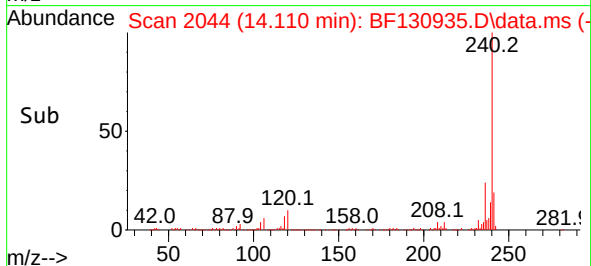
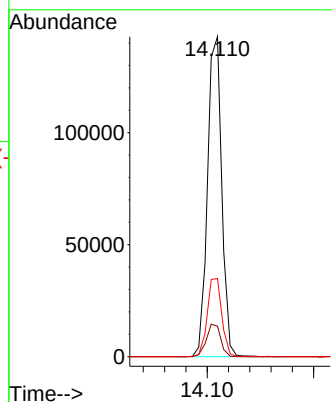
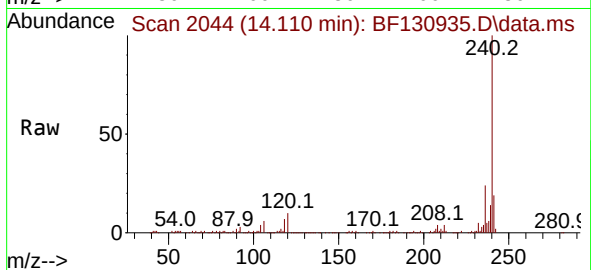
Tgt Ion:240 Resp: 132811

Ion Ratio Lower Upper

240 100

120 9.6 7.0 10.4

236 24.4 20.5 30.7



#77

Benzdine

Concen: 3.086 ng

RT: 13.051 min Scan# 1864

Delta R.T. 0.247 min

Lab File: BF130935.D

Acq: 02 Nov 2022 17:41

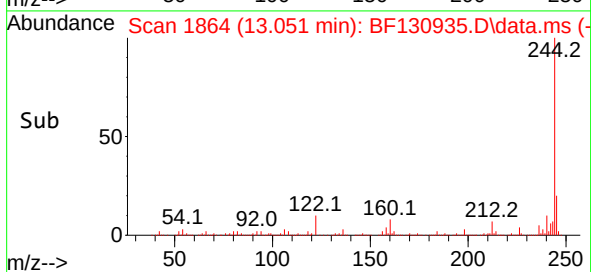
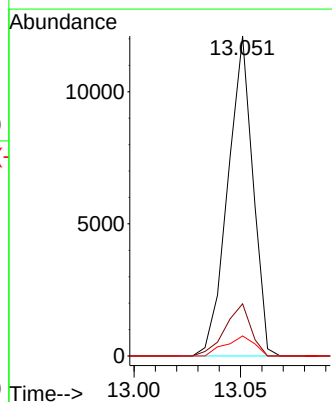
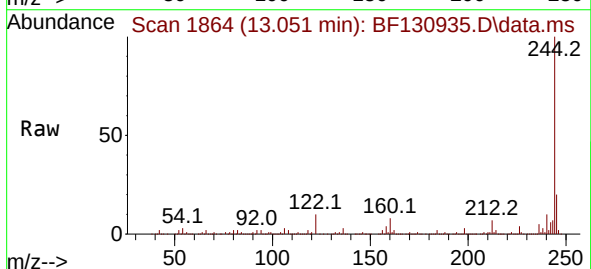
Tgt Ion:184 Resp: 9948

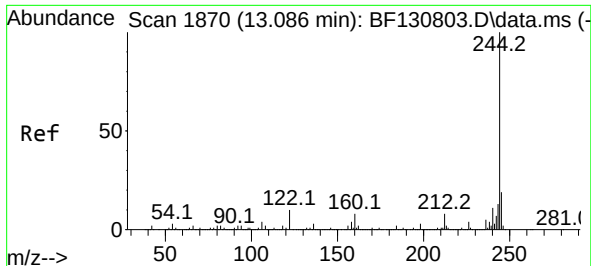
Ion Ratio Lower Upper

184 100

185 16.3 11.8 17.8

183 6.3 9.7 14.5#

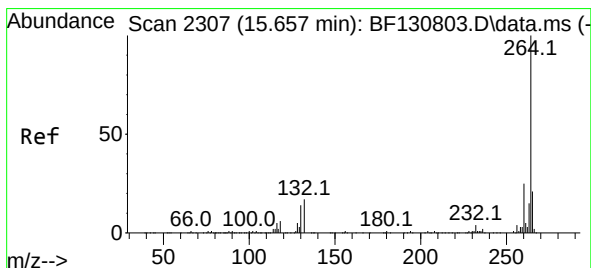
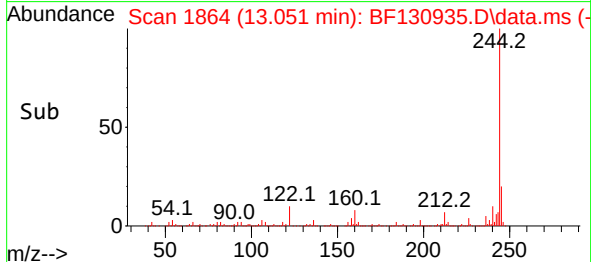
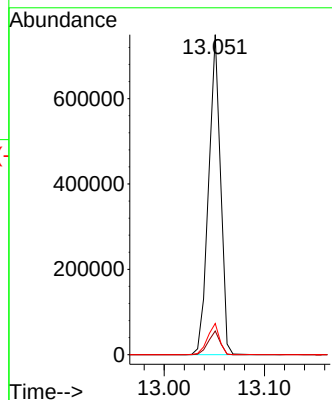
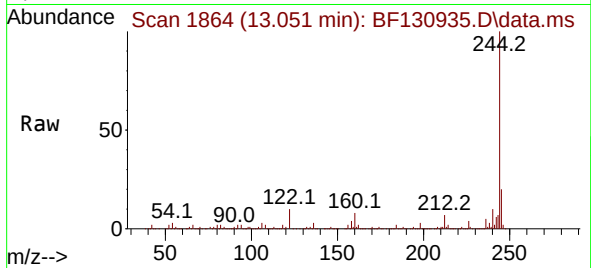




#79
 Terphenyl-d14
 Concen: 85.512 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. -0.006 min
 Lab File: BF130935.D
 Acq: 02 Nov 2022 17:41

Instrument :
 BNA_F
 ClientSampleId :
 S-1-103122

Tgt Ion:244 Resp: 619763
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.8 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2301
 Delta R.T. -0.006 min
 Lab File: BF130935.D
 Acq: 02 Nov 2022 17:41

Tgt Ion:264 Resp: 137658
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.9 29.9
 265 21.0 17.0 25.6

