

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135570.D
 Acq On : 04 Oct 2023 14:29
 Operator : CG\JU
 Sample : 04652-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IS5-COMP

Quant Time: Oct 04 15:02:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 14:41:55 2023
 Response via : Initial Calibration

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

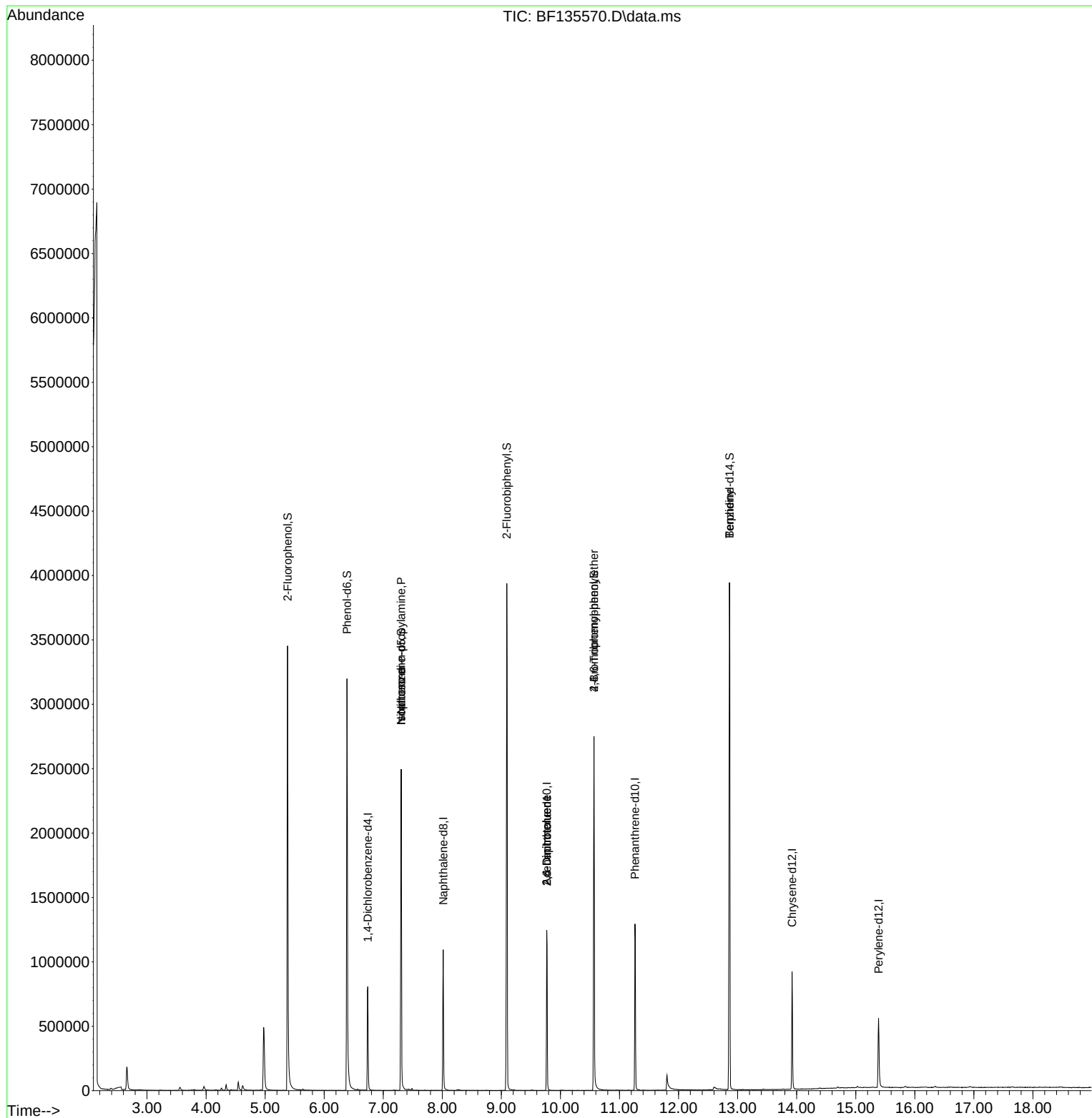
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	130077	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	485938	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	258463	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	499011	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	304316	20.000	ng	0.00
86) Perylene-d12	15.386	264	258535	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	955861	119.518	ng	0.01
7) Phenol-d6	6.387	99	1133940	111.505	ng	0.00
23) Nitrobenzene-d5	7.304	82	800082	89.452	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	328847	128.031	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1375065	80.266	ng	0.00
79) Terphenyl-d14	12.863	244	1603050	81.660	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	106753	16.948	ng	# 81
25) Isophorone	7.304	82	800073	48.713	ng	# 65
51) 2,6-Dinitrotoluene	9.769	165	32336	8.447	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	32336	6.747	ng	# 18
67) 4-Bromophenyl-phenylether	10.569	248	20262	4.083	ng	# 1
77) Benzidine	12.863	184	20230	3.245	ng	# 93

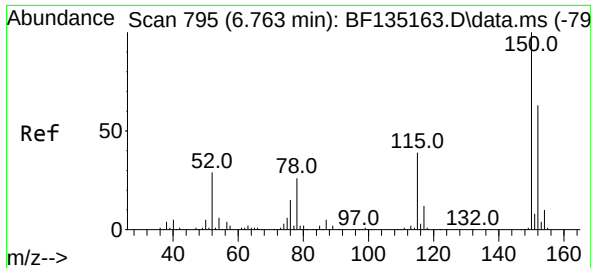
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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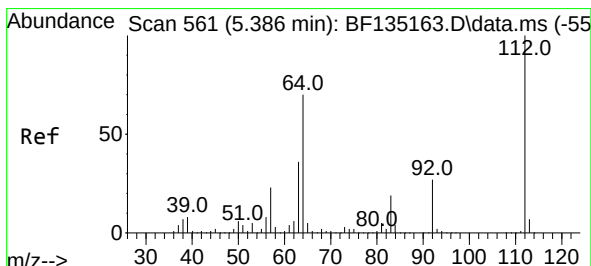
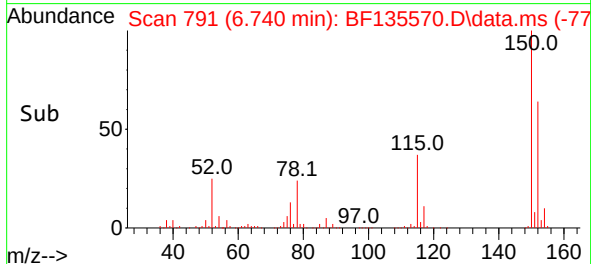
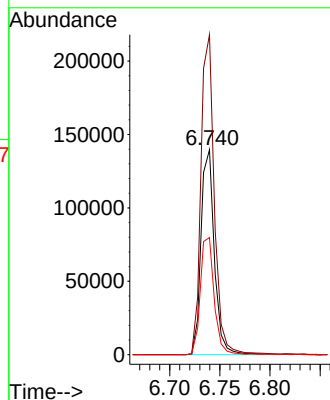
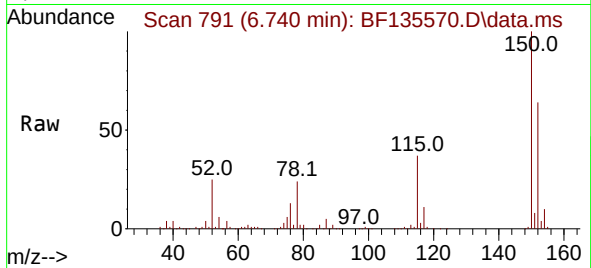




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135570.D
Acq: 04 Oct 2023 14:29

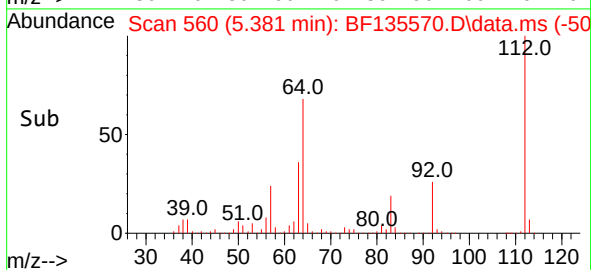
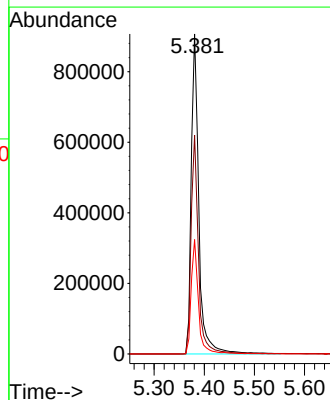
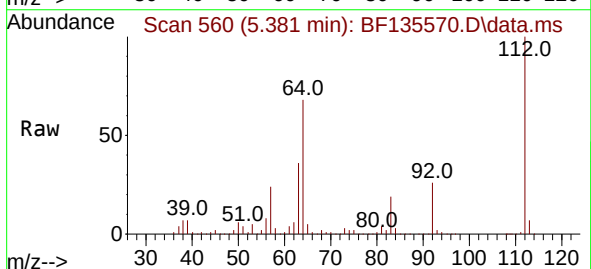
Instrument :
BNA_F
ClientSampleId :
IS5-COMP

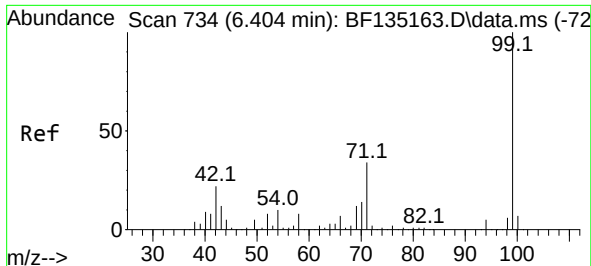
Tgt Ion:152 Resp: 130077
Ion Ratio Lower Upper
152 100
150 156.1 127.8 191.6
115 57.1 49.8 74.8



#5
2-Fluorophenol
Concen: 119.518 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135570.D
Acq: 04 Oct 2023 14:29

Tgt Ion:112 Resp: 955861
Ion Ratio Lower Upper
112 100
64 68.4 55.9 83.9
63 35.7 29.0 43.6

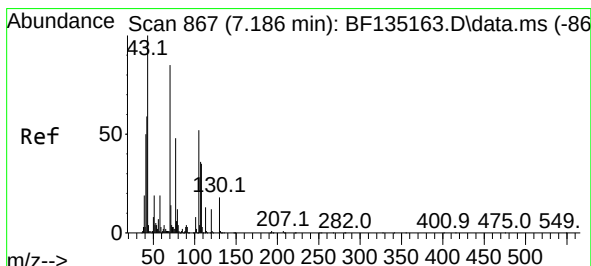
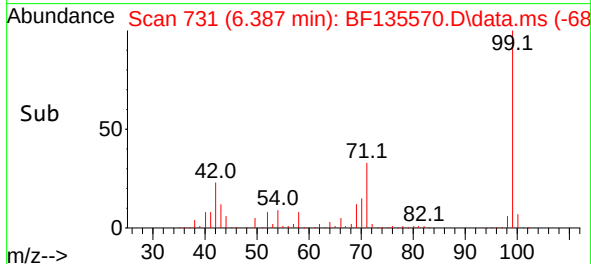
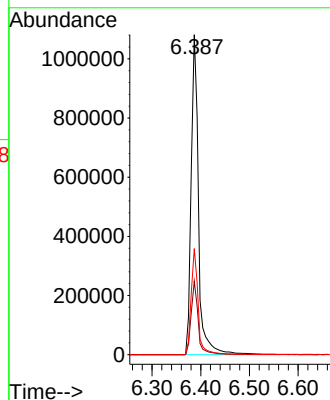
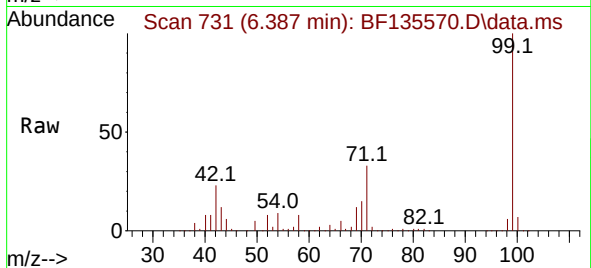




#7
Phenol-d6
Concen: 111.505 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135570.D
Acq: 04 Oct 2023 14:29

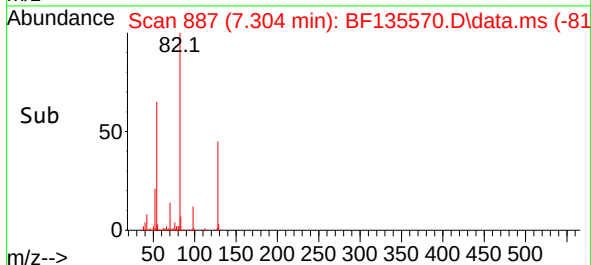
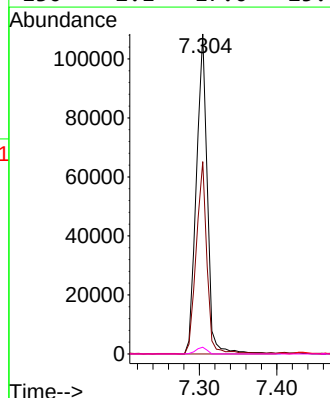
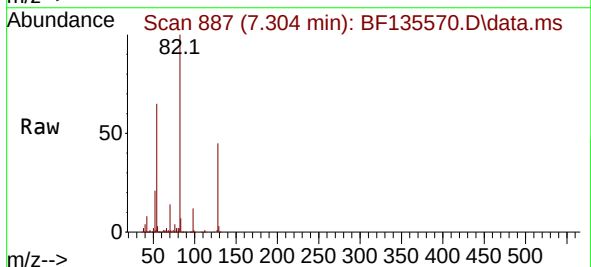
Instrument :
BNA_F
ClientSampleId :
IS5-COMP

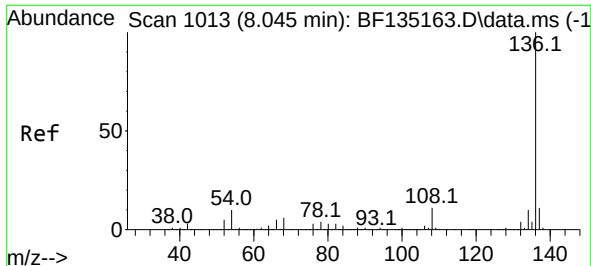
Tgt Ion: 99 Resp: 1133940
Ion Ratio Lower Upper
99 100
42 23.0 17.9 26.9
71 33.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.948 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135570.D
Acq: 04 Oct 2023 14:29

Tgt Ion: 70 Resp: 106753
Ion Ratio Lower Upper
70 100
42 60.1 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#



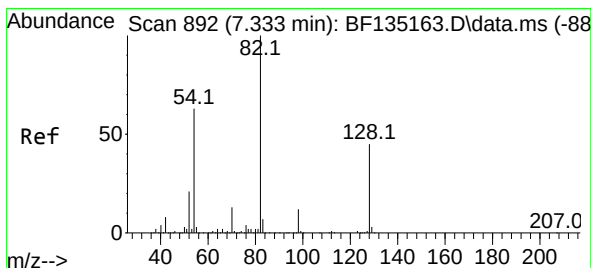
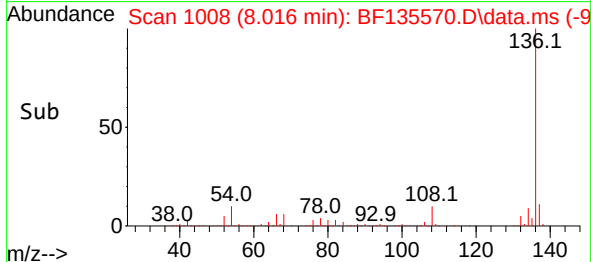
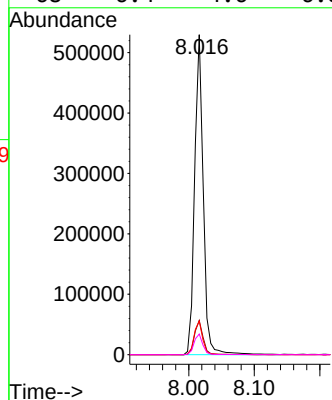
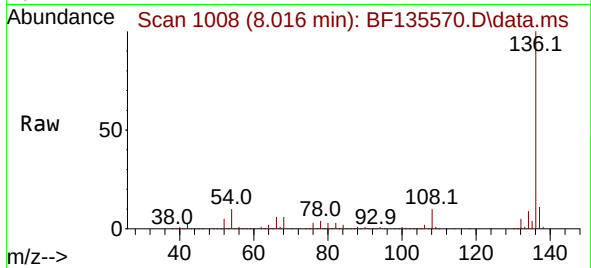


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135570.D
Acq: 04 Oct 2023 14:29

Instrument :
BNA_F
ClientSampleId :
IS5-COMP

Tgt Ion:136 Resp: 485938

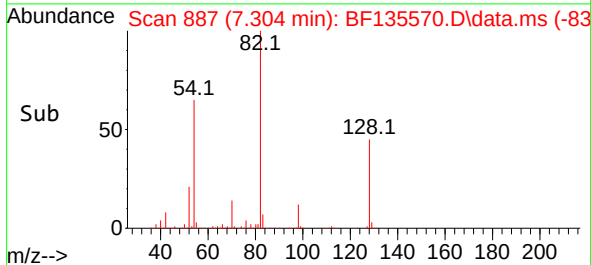
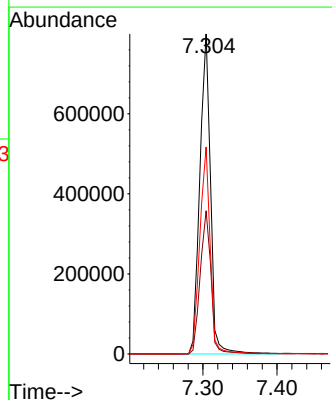
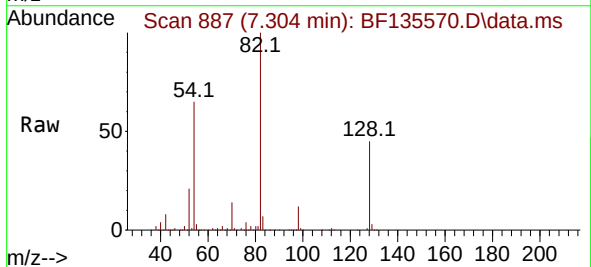
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.5	7.7	11.5
68	6.4	4.6	6.8

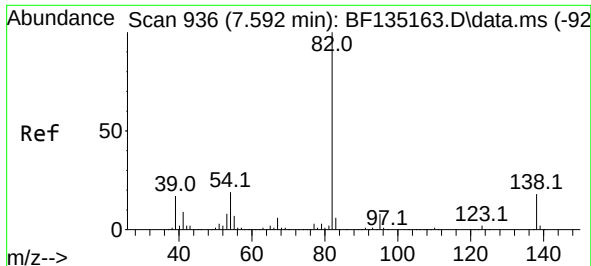


#23
Nitrobenzene-d5
Concen: 89.452 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135570.D
Acq: 04 Oct 2023 14:29

Tgt Ion: 82 Resp: 800082

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.8	53.6
54	64.7	50.6	76.0

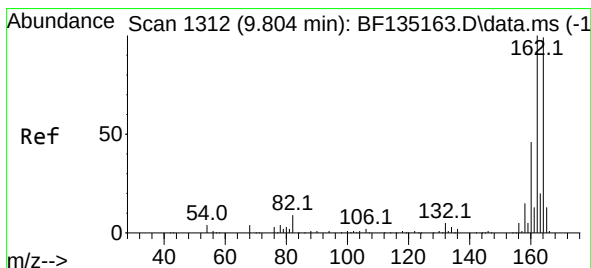
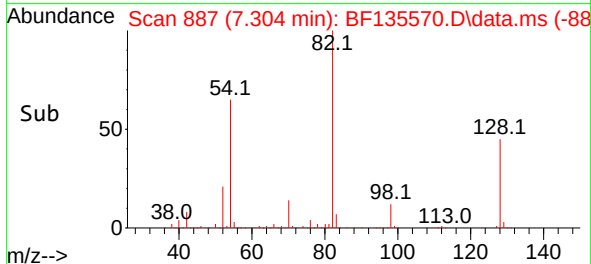
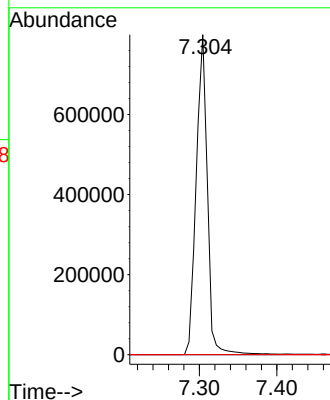
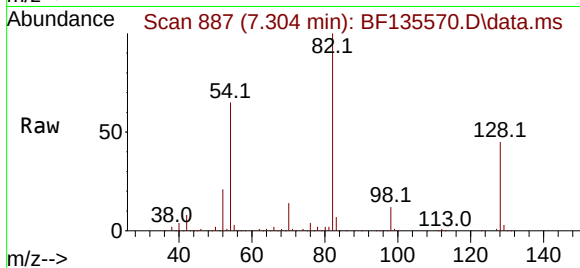




#25
Isophorone
Concen: 48.713 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135570.D
Acq: 04 Oct 2023 14:29

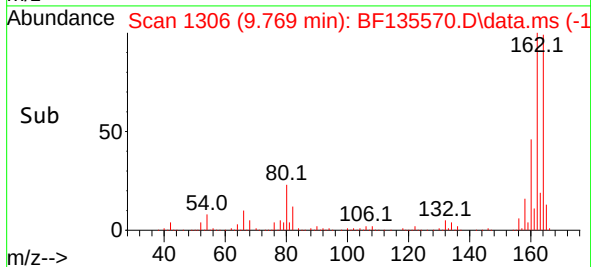
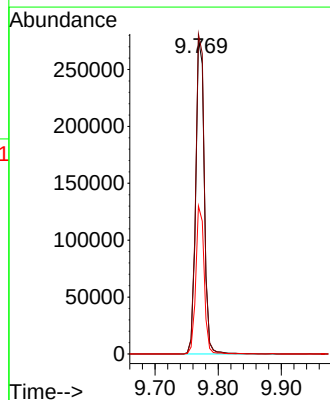
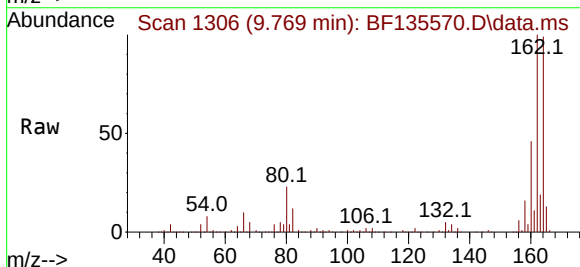
Instrument :
BNA_F
ClientSampleId :
IS5-COMP

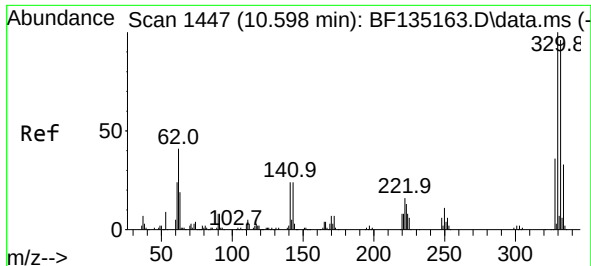
Tgt Ion: 82 Resp: 800073
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF135570.D
Acq: 04 Oct 2023 14:29

Tgt Ion:164 Resp: 258463
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 46.8 37.0 55.4

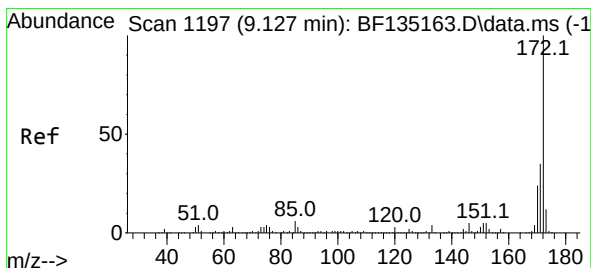
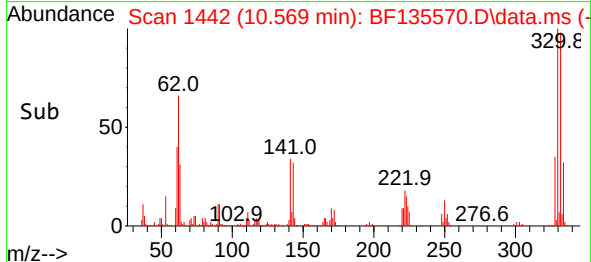
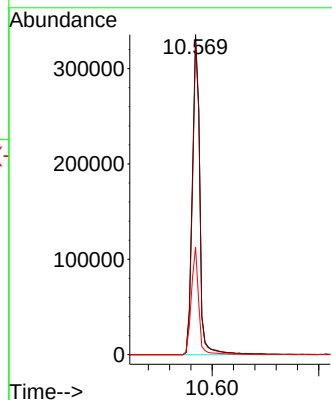
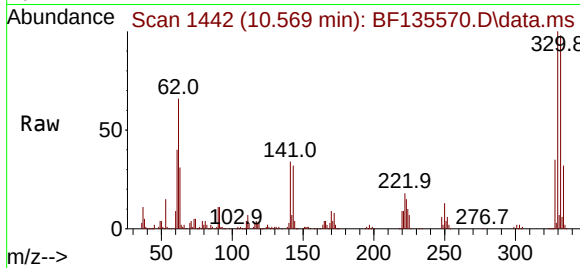




#42
2,4,6-Tribromophenol
Concen: 128.031 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135570.D
Acq: 04 Oct 2023 14:29

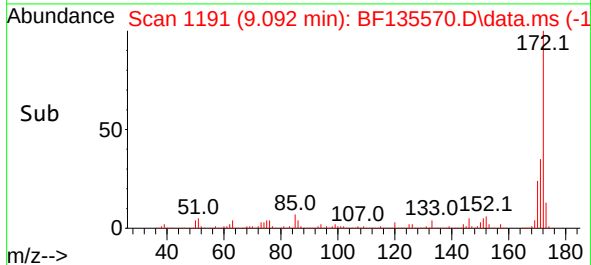
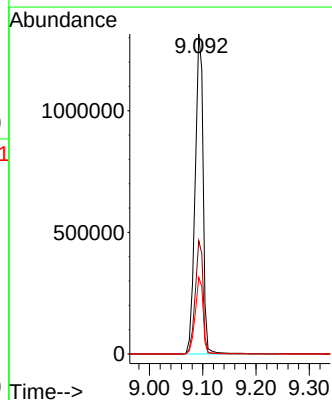
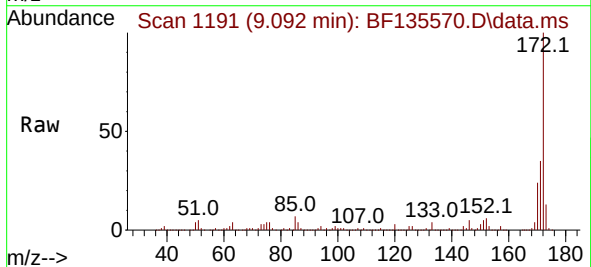
Instrument :
BNA_F
ClientSampleId :
IS5-COMP

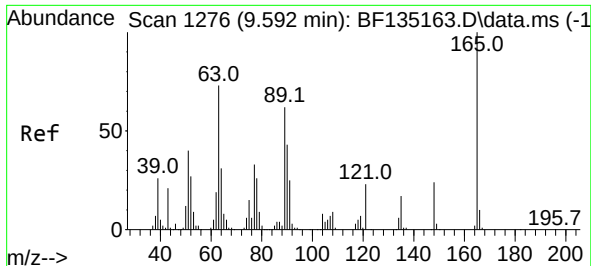
Tgt Ion:330 Resp: 328847
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 33.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 80.266 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135570.D
Acq: 04 Oct 2023 14:29

Tgt Ion:172 Resp: 1375065
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.9 19.0 28.4

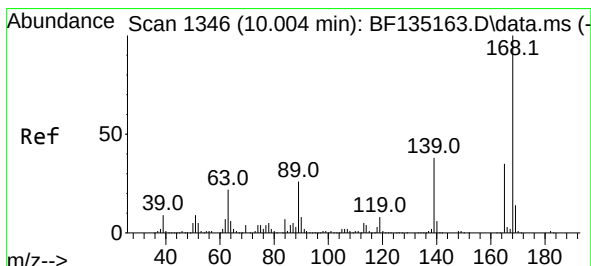
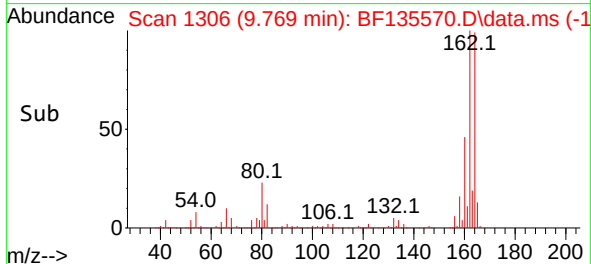
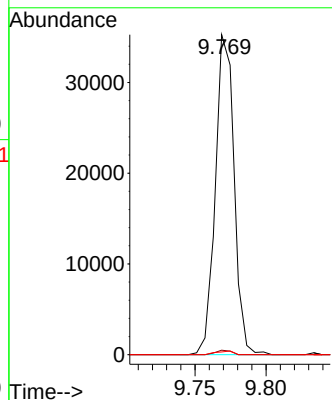
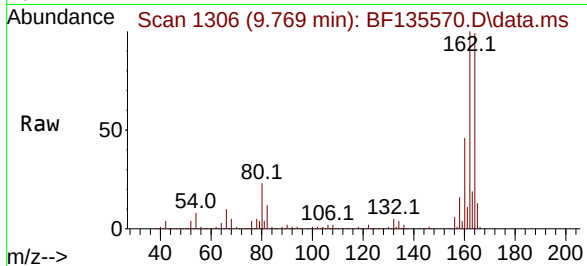




#51
2,6-Dinitrotoluene
Concen: 8.447 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135570.D
Acq: 04 Oct 2023 14:29

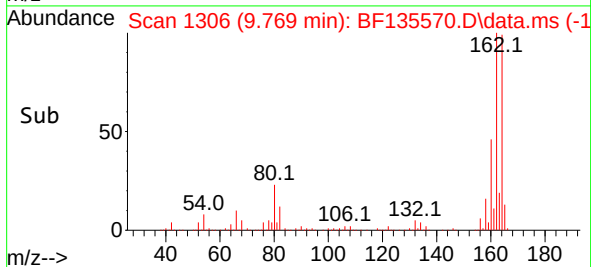
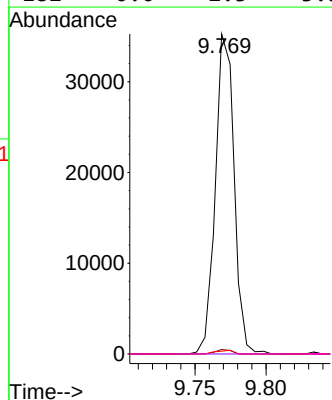
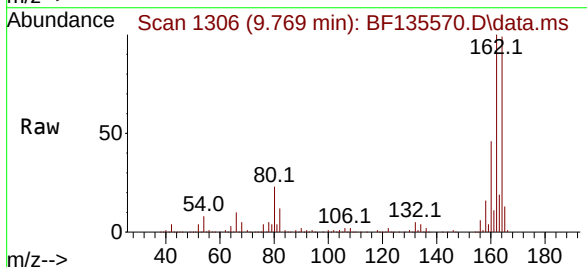
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ClientSampleId :
IS5-COMP

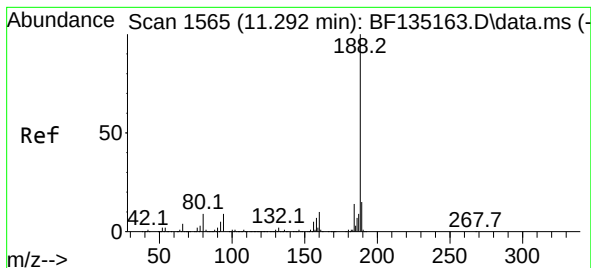
Tgt Ion:165 Resp: 32336
Ion Ratio Lower Upper
165 100
63 1.4 59.4 89.2#
89 0.9 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.747 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.217 min
Lab File: BF135570.D
Acq: 04 Oct 2023 14:29

Tgt Ion:165 Resp: 32336
Ion Ratio Lower Upper
165 100
63 1.4 50.1 75.1#
89 0.9 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135570.D

Acq: 04 Oct 2023 14:29

Instrument :

BNA_F

ClientSampleId :

IS5-COMP

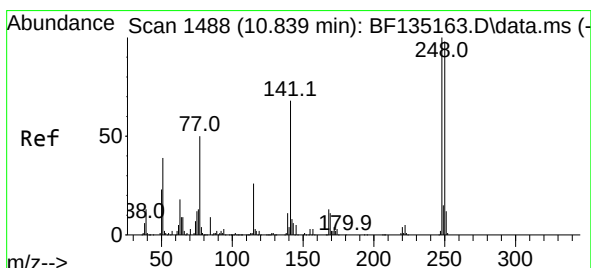
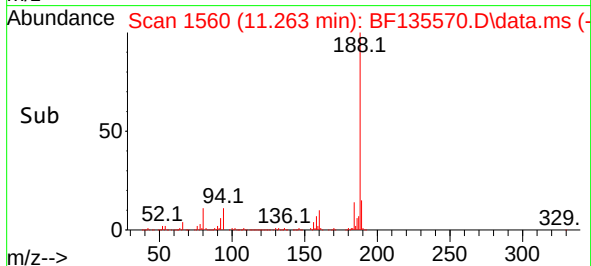
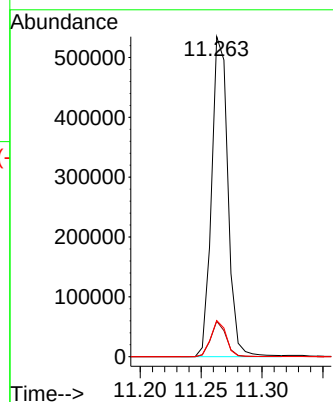
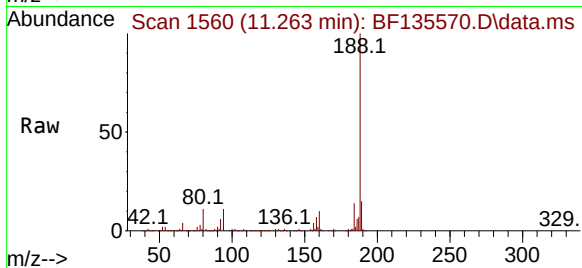
Tgt Ion:188 Resp: 499011

Ion Ratio Lower Upper

188 100

94 11.1 7.0 10.6#

80 11.3 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 4.083 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.241 min

Lab File: BF135570.D

Acq: 04 Oct 2023 14:29

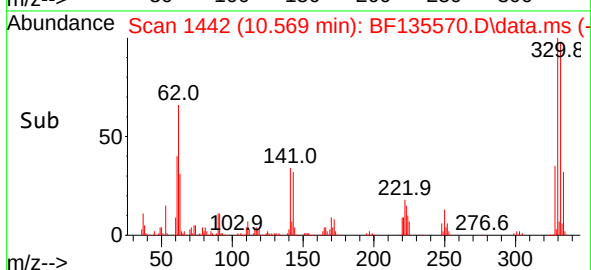
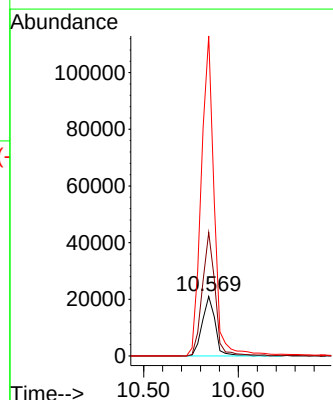
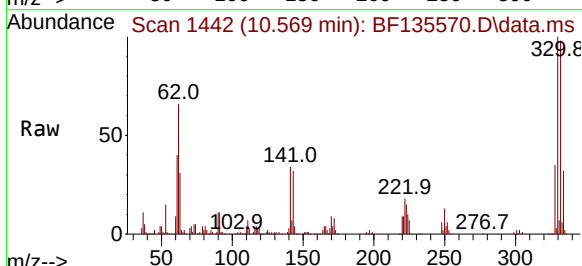
Tgt Ion:248 Resp: 20262

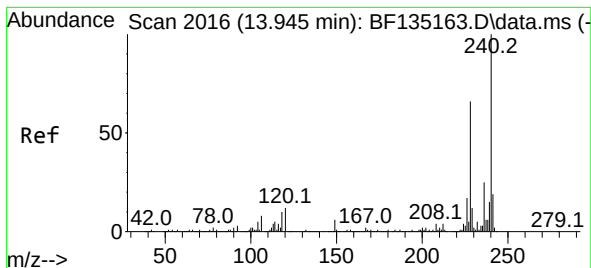
Ion Ratio Lower Upper

248 100

250 207.5 78.6 117.8#

141 537.4 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135570.D

Acq: 04 Oct 2023 14:29

Instrument :

BNA_F

ClientSampleId :

IS5-COMP

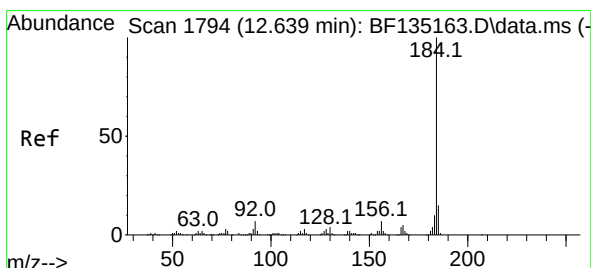
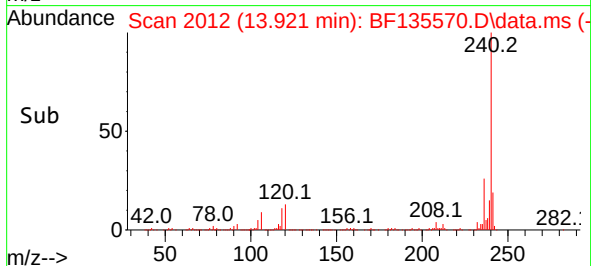
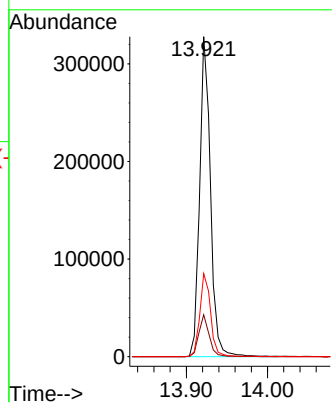
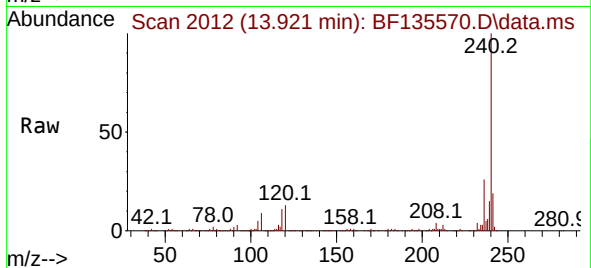
Tgt Ion:240 Resp: 304316

Ion Ratio Lower Upper

240 100

120 13.1 9.4 14.2

236 26.0 19.8 29.8



#77

Benzidine

Concen: 3.245 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.247 min

Lab File: BF135570.D

Acq: 04 Oct 2023 14:29

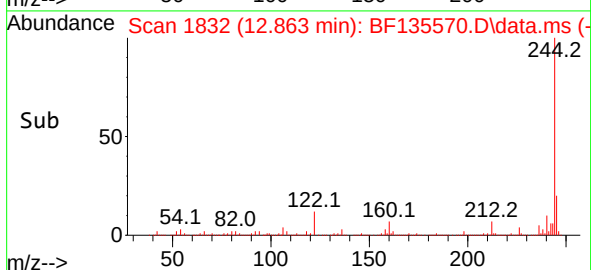
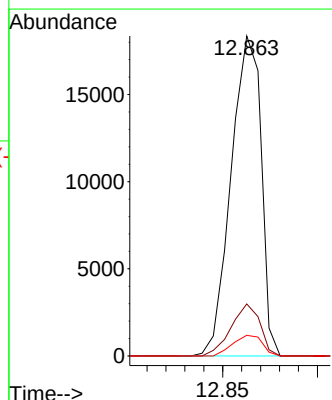
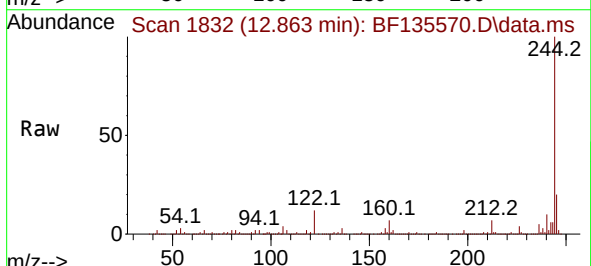
Tgt Ion:184 Resp: 20230

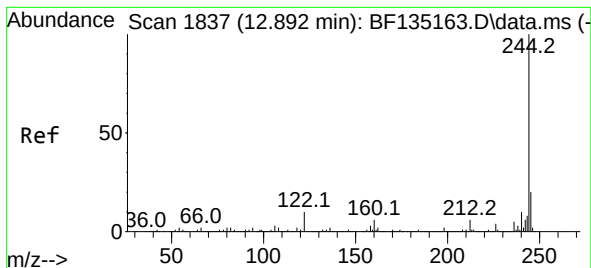
Ion Ratio Lower Upper

184 100

185 16.2 11.7 17.5

183 6.4 8.2 12.4#





#79

Terphenyl-d14

Concen: 81.660 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF135570.D

Acq: 04 Oct 2023 14:29

Instrument :

BNA_F

ClientSampleId :

IS5-COMP

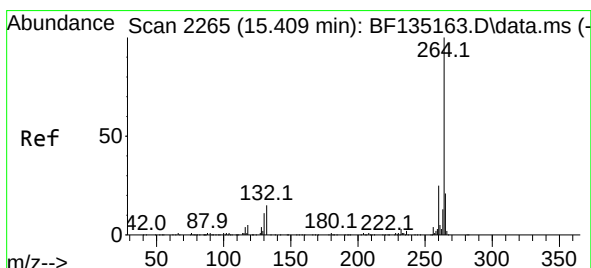
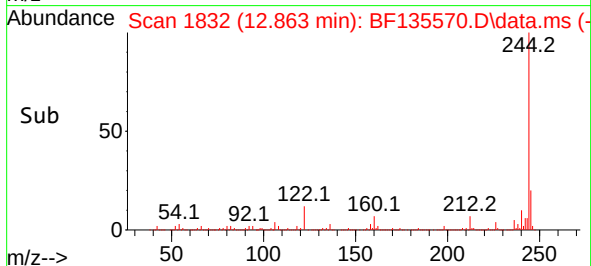
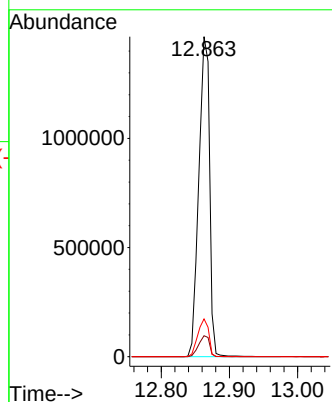
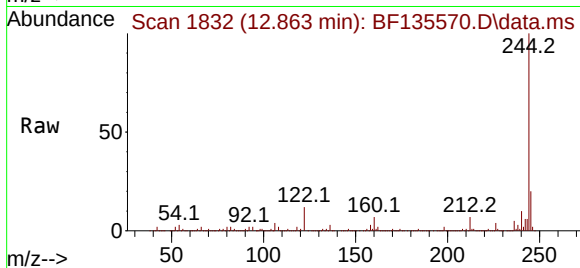
Tgt Ion:244 Resp: 1603050

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 11.8 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF135570.D

Acq: 04 Oct 2023 14:29

Tgt Ion:264 Resp: 258535

Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

265 22.3 17.0 25.4

