

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135470.D
 Acq On : 27 Sep 2023 13:59
 Operator : CG\JU
 Sample : 04590-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1

Quant Time: Sep 28 01:44:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

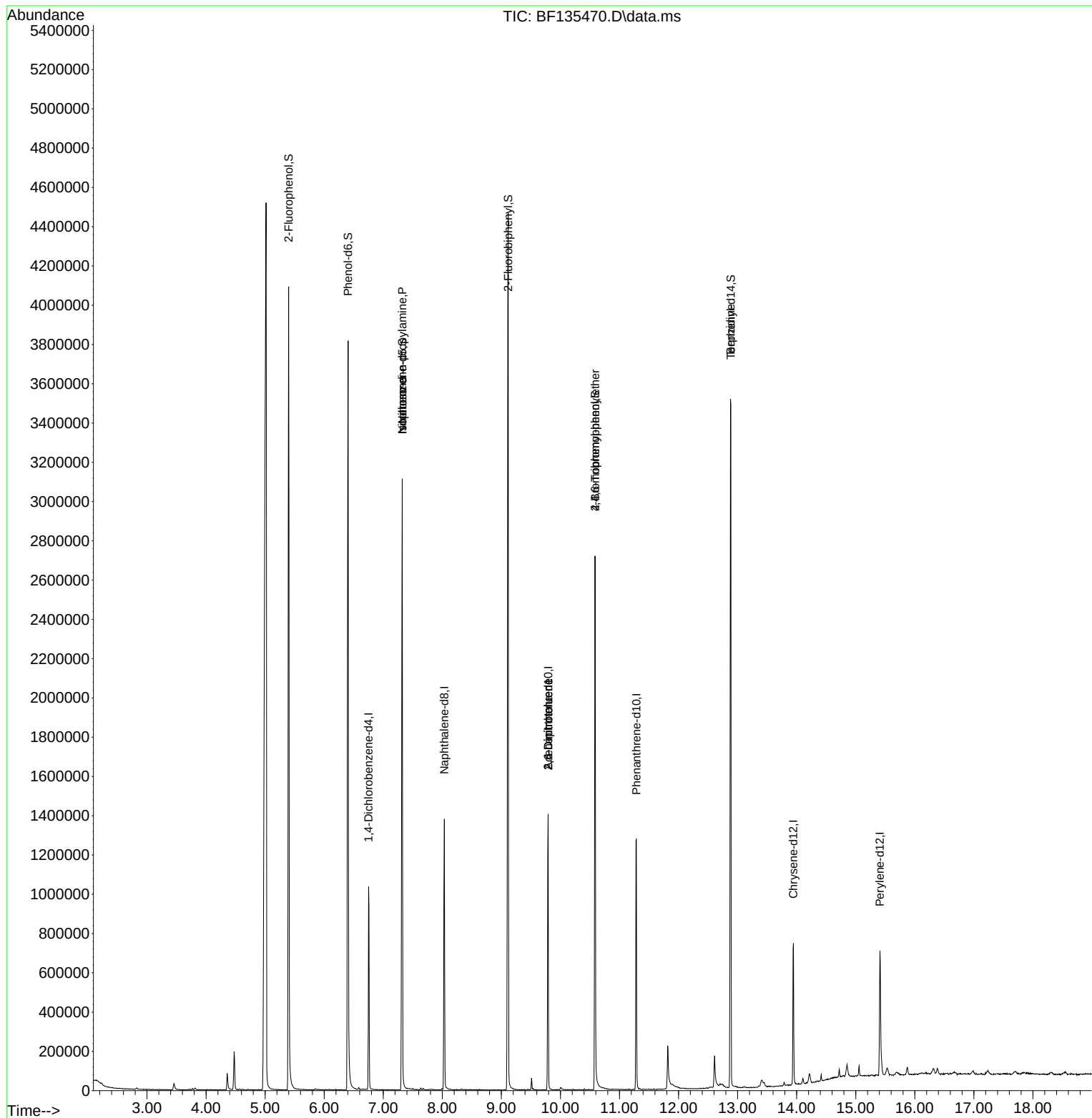
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	157671	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	595506	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	290985	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	503067	20.000	ng	0.00
76) Chrysene-d12	13.945	240	266907	20.000	ng	0.00
86) Perylene-d12	15.409	264	323620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1193064	123.070	ng	0.02
7) Phenol-d6	6.404	99	1395650	113.221	ng	0.00
23) Nitrobenzene-d5	7.322	82	1029078	93.885	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	334465	115.664	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1661659	86.155	ng	0.00
79) Terphenyl-d14	12.886	244	1405586	81.636	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	137469	18.005	ng	# 81
25) Isophorone	7.322	82	1027334	51.042	ng	# 65
51) 2,6-Dinitrotoluene	9.792	165	37872	8.787	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	37872	7.019	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	21034	4.204	ng	# 1
77) Benzidine	12.880	184	17787	3.253	ng	# 92

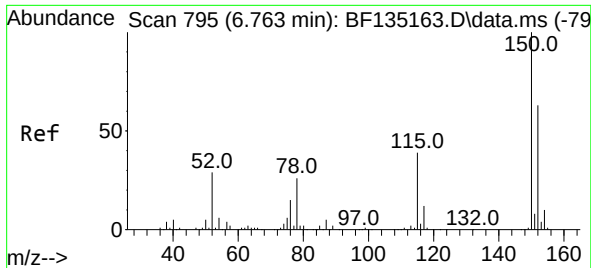
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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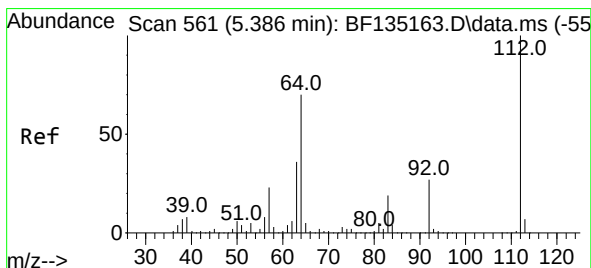
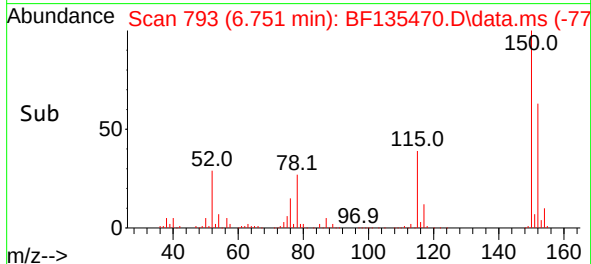
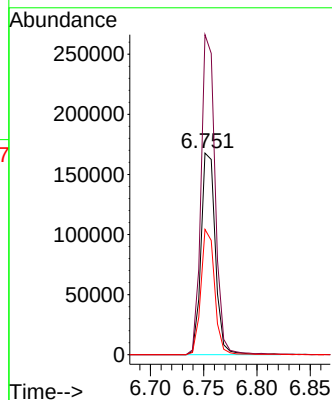
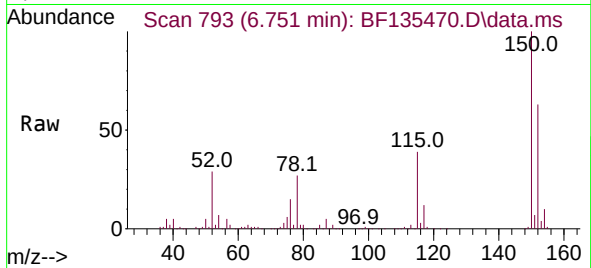




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135470.D
Acq: 27 Sep 2023 13:59

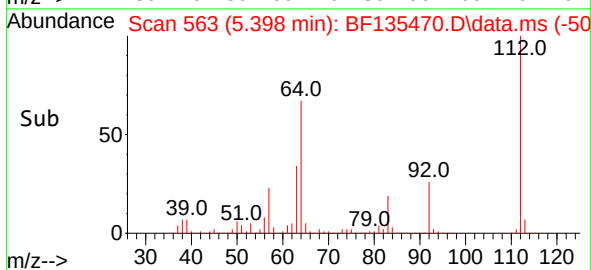
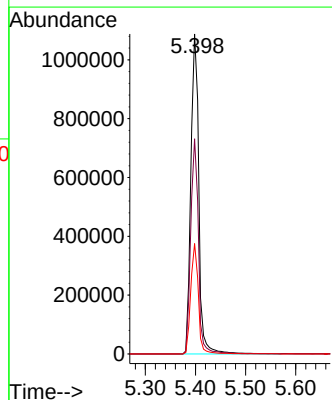
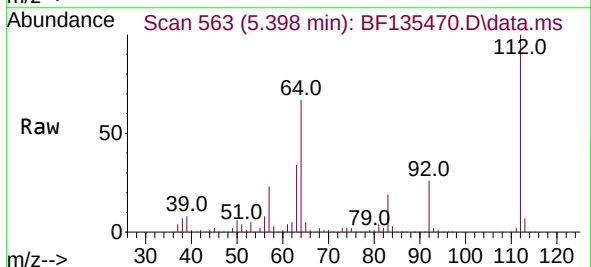
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1

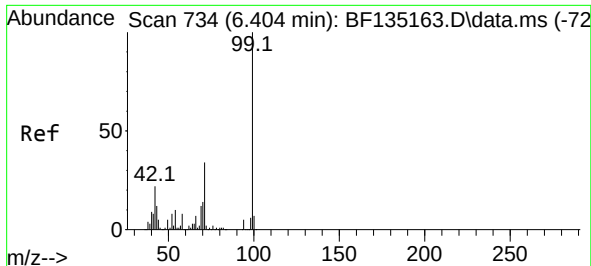
Tgt Ion:152 Resp: 157671
Ion Ratio Lower Upper
152 100
150 158.7 127.8 191.6
115 62.2 49.8 74.8



#5
2-Fluorophenol
Concen: 123.070 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF135470.D
Acq: 27 Sep 2023 13:59

Tgt Ion:112 Resp: 1193064
Ion Ratio Lower Upper
112 100
64 67.3 55.9 83.9
63 34.5 29.0 43.6

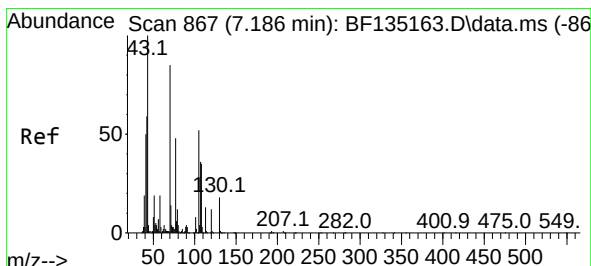
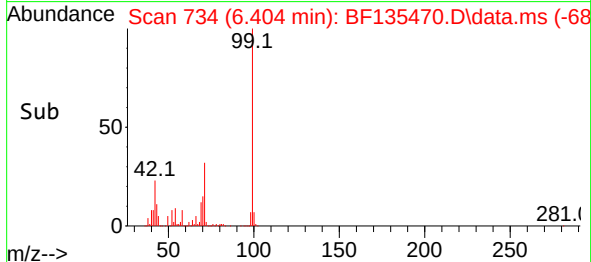
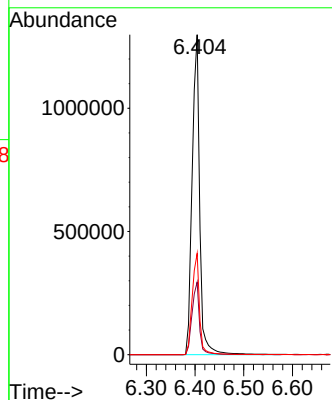
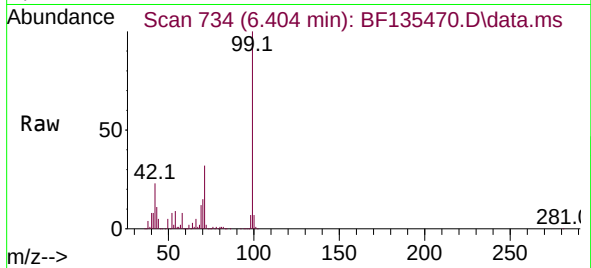




#7
Phenol-d6
Concen: 113.221 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135470.D
Acq: 27 Sep 2023 13:59

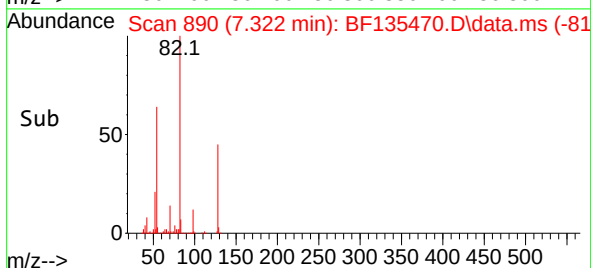
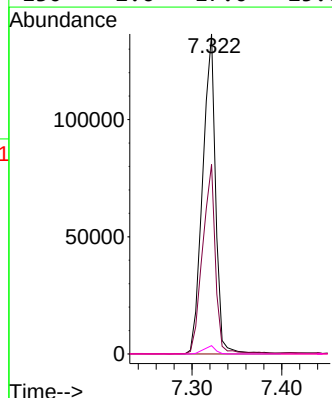
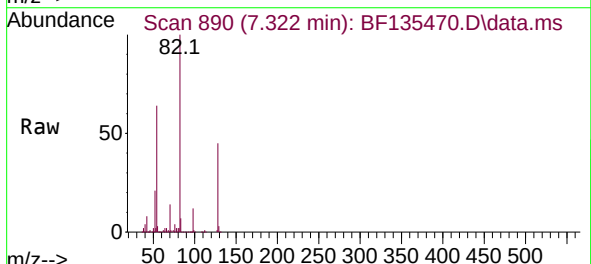
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1

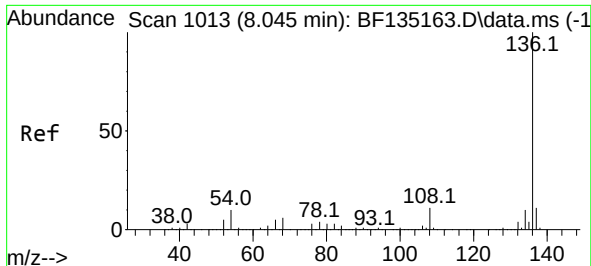
Tgt Ion: 99 Resp: 1395650
Ion Ratio Lower Upper
99 100
42 22.7 17.9 26.9
71 31.6 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.005 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF135470.D
Acq: 27 Sep 2023 13:59

Tgt Ion: 70 Resp: 137469
Ion Ratio Lower Upper
70 100
42 59.2 55.4 83.0
101 0.0 7.7 11.5#
130 2.6 17.0 25.6#

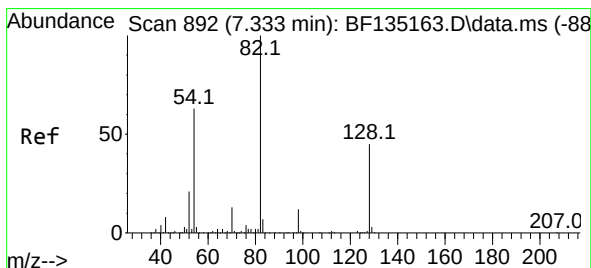
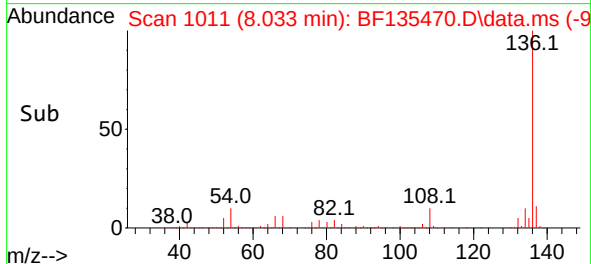
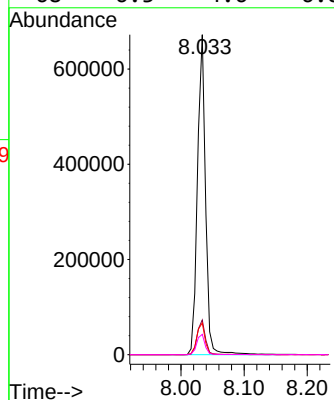
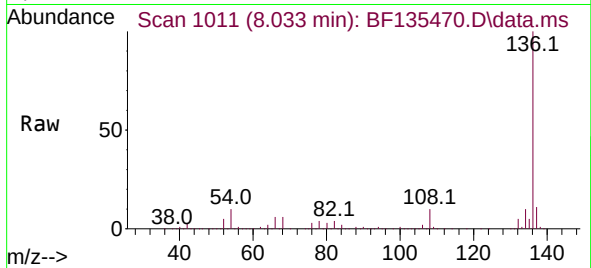




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135470.D
Acq: 27 Sep 2023 13:59

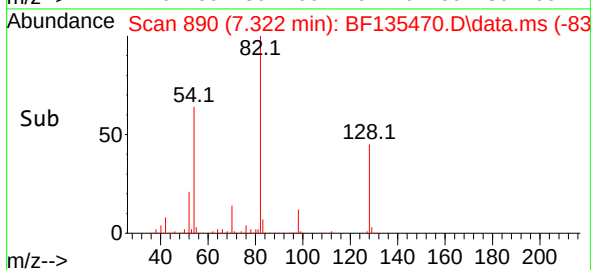
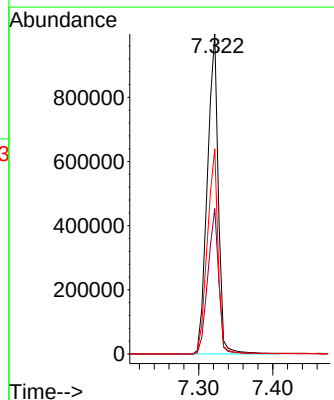
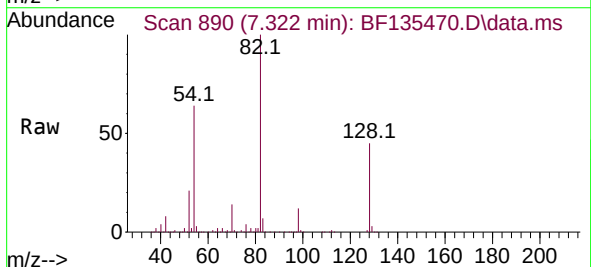
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1

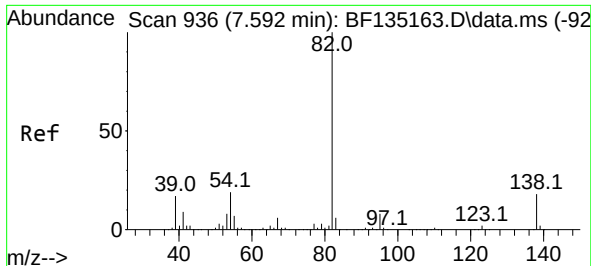
Tgt Ion:136 Resp: 595506
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.9 7.7 11.5
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 93.885 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF135470.D
Acq: 27 Sep 2023 13:59

Tgt Ion: 82 Resp: 1029078
Ion Ratio Lower Upper
82 100
128 45.5 35.8 53.6
54 64.1 50.6 76.0

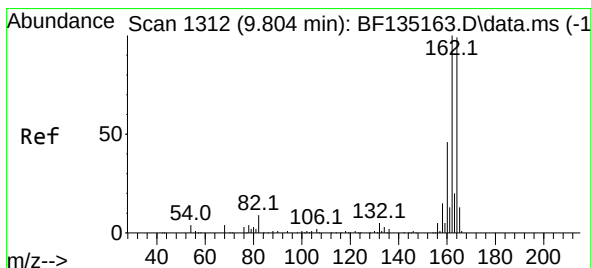
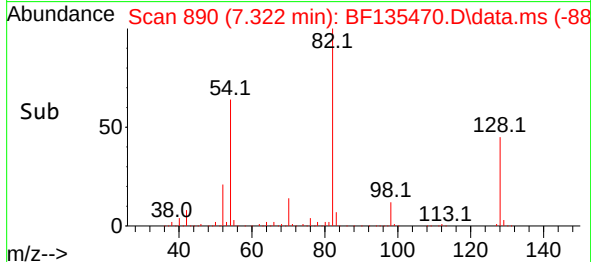
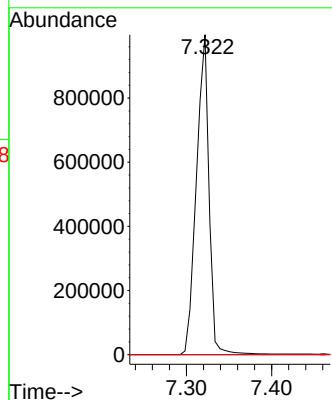
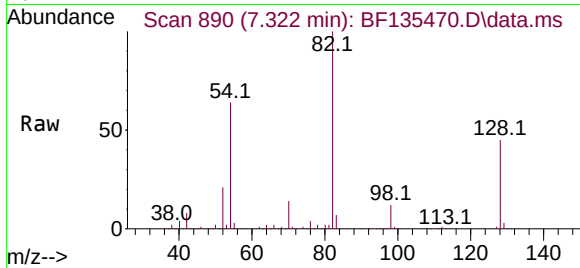




#25
Isophorone
Concen: 51.042 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF135470.D
Acq: 27 Sep 2023 13:59

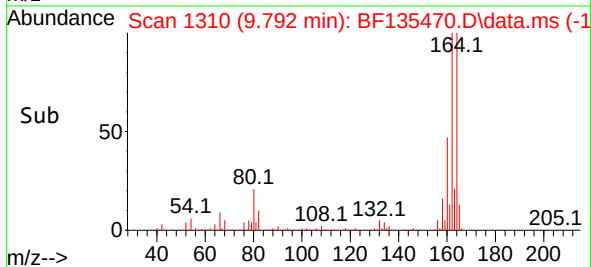
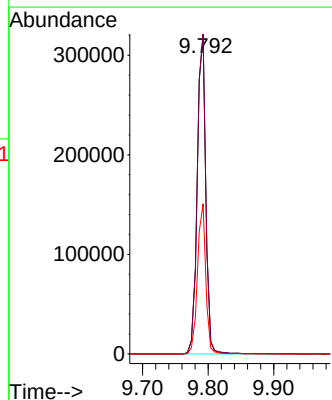
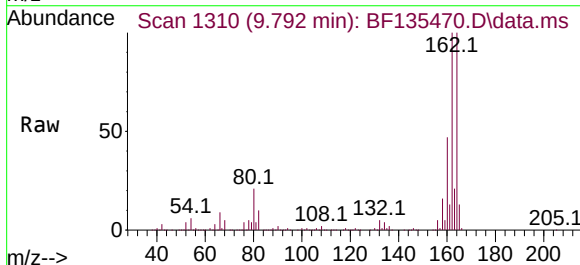
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1

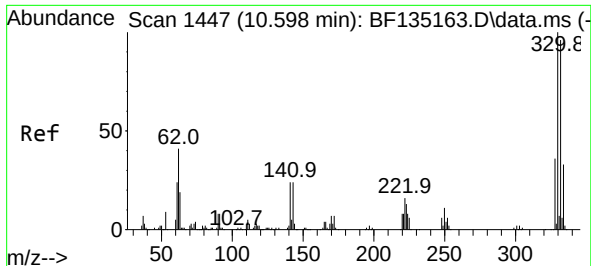
Tgt Ion: 82 Resp: 1027334
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF135470.D
Acq: 27 Sep 2023 13:59

Tgt Ion: 164 Resp: 290985
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.4
160 47.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 115.664 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF135470.D

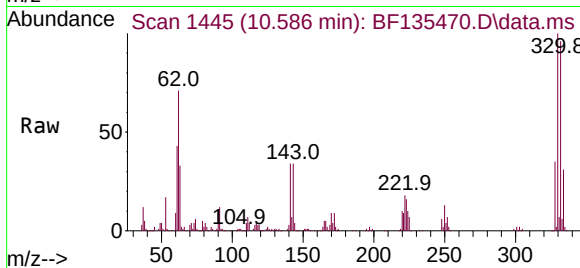
Acq: 27 Sep 2023 13:59

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1



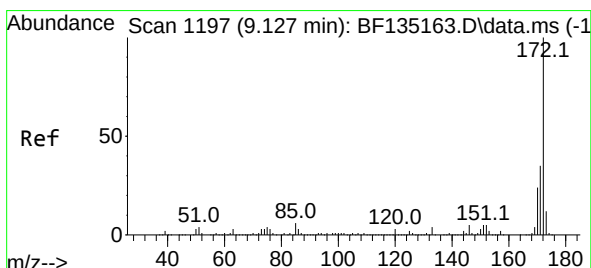
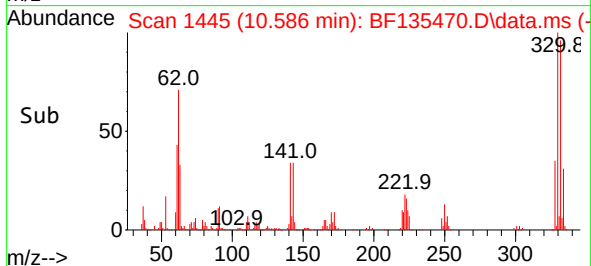
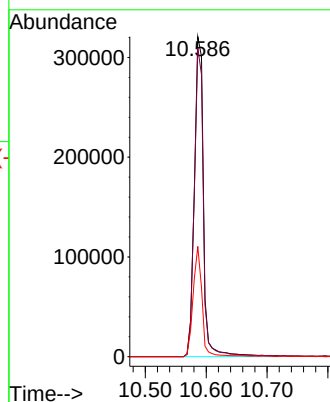
Tgt Ion:330 Resp: 334465

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 33.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 86.155 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF135470.D

Acq: 27 Sep 2023 13:59

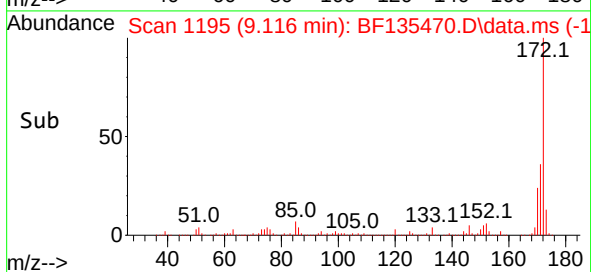
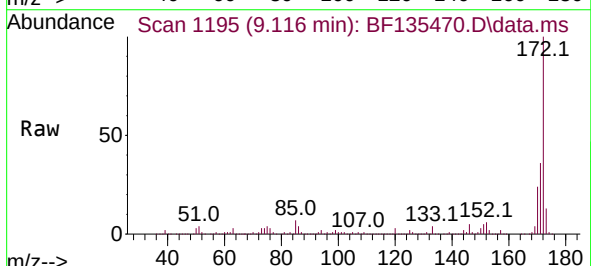
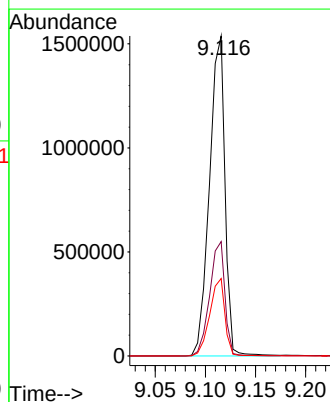
Tgt Ion:172 Resp: 1661659

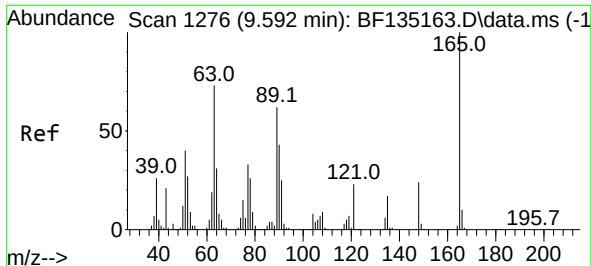
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.2 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.787 ng

RT: 9.792 min Scan# 1310

Delta R.T. 0.206 min

Lab File: BF135470.D

Acq: 27 Sep 2023 13:59

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1

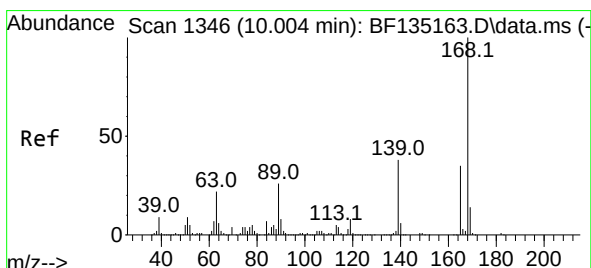
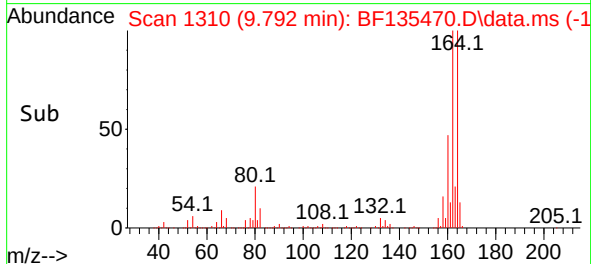
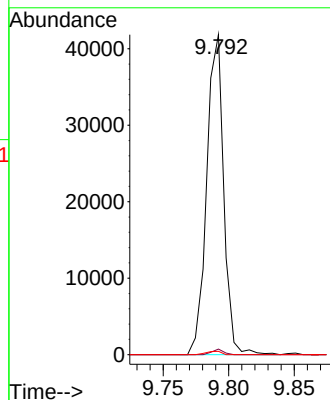
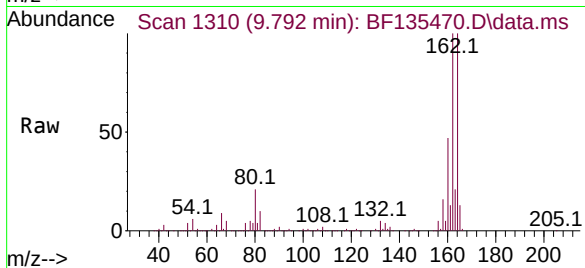
Tgt Ion:165 Resp: 37872

Ion Ratio Lower Upper

165 100

63 1.7 59.4 89.2#

89 1.0 49.8 74.8#



#57

2,4-Dinitrotoluene

Concen: 7.019 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.206 min

Lab File: BF135470.D

Acq: 27 Sep 2023 13:59

Tgt Ion:165 Resp: 37872

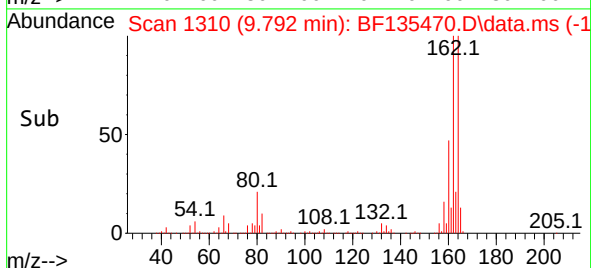
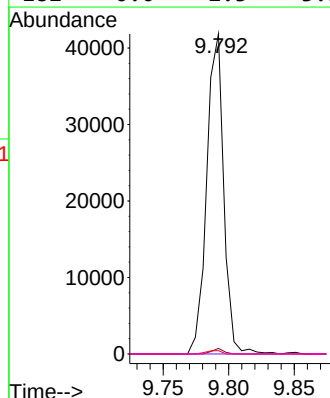
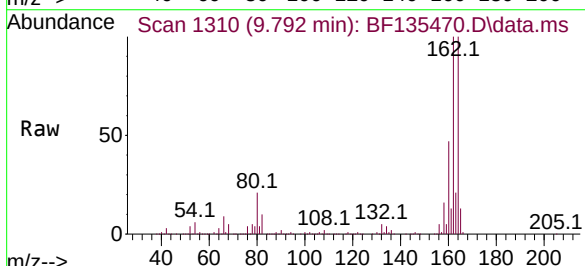
Ion Ratio Lower Upper

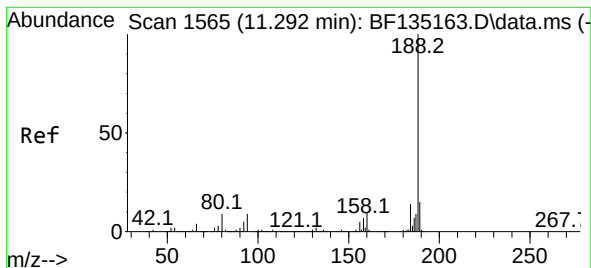
165 100

63 1.7 50.1 75.1#

89 1.0 59.3 88.9#

182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135470.D

Acq: 27 Sep 2023 13:59

Instrument :

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SAMPLE-1

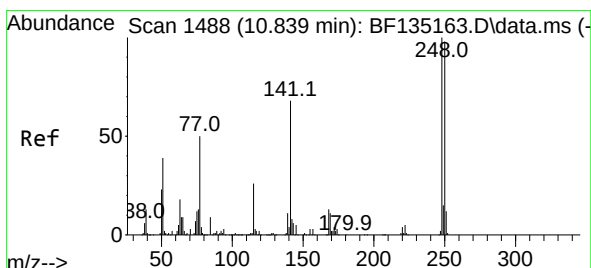
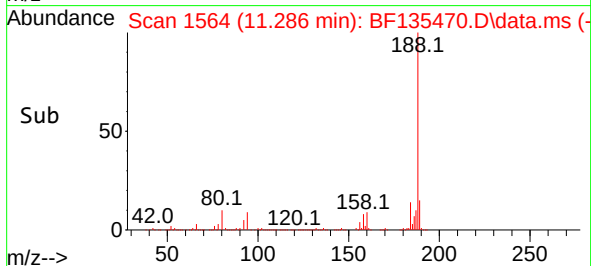
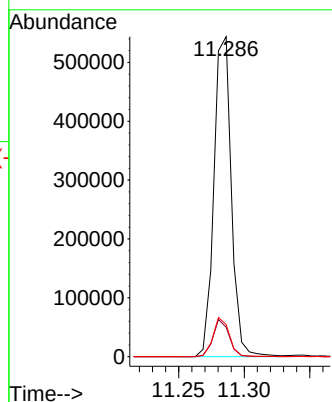
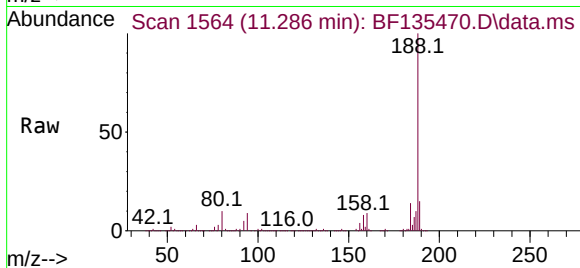
Tgt Ion:188 Resp: 503067

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

80 10.0 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.204 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.241 min

Lab File: BF135470.D

Acq: 27 Sep 2023 13:59

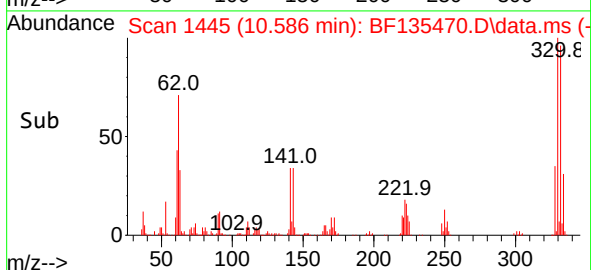
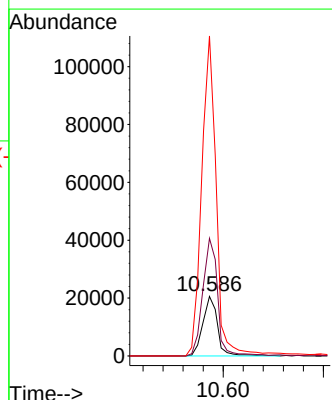
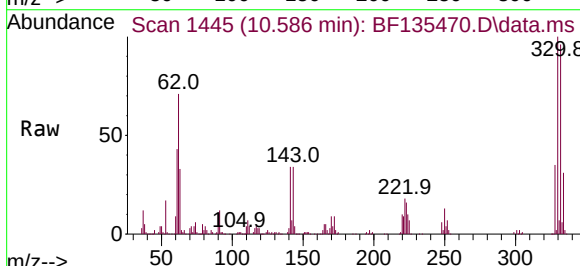
Tgt Ion:248 Resp: 21034

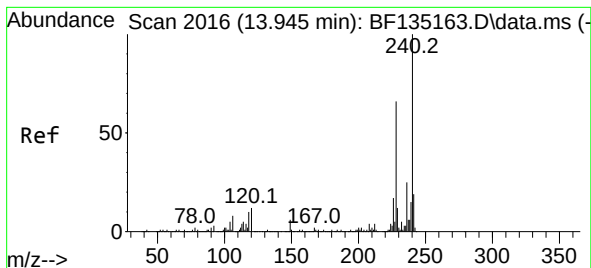
Ion Ratio Lower Upper

248 100

250 197.5 78.6 117.8#

141 537.6 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF135470.D

Acq: 27 Sep 2023 13:59

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1

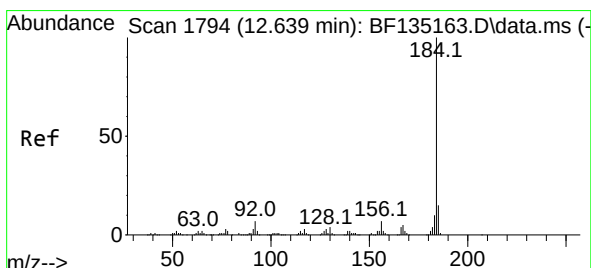
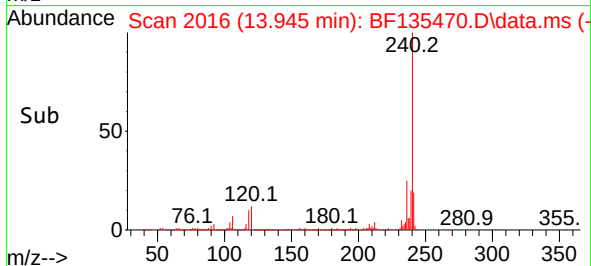
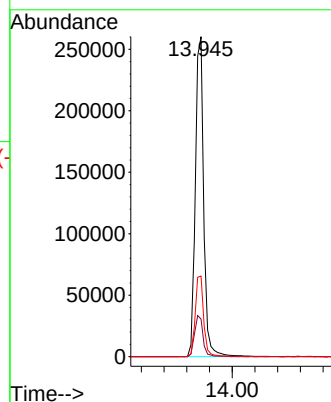
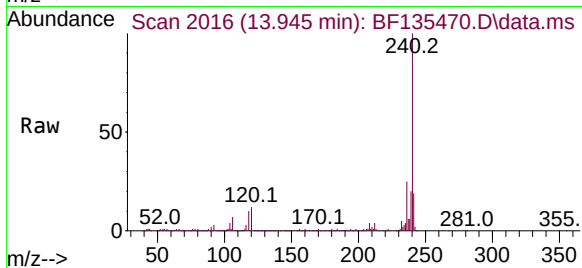
Tgt Ion:240 Resp: 266907

Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.2

236 25.2 19.8 29.8



#77

Benzidine

Concen: 3.253 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.247 min

Lab File: BF135470.D

Acq: 27 Sep 2023 13:59

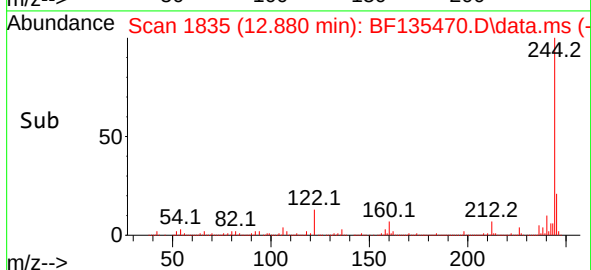
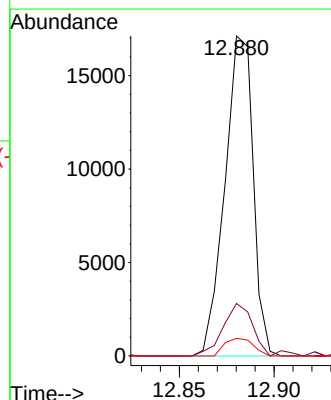
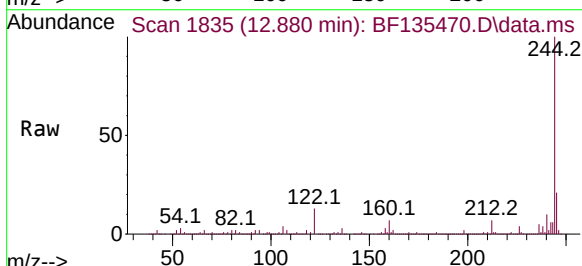
Tgt Ion:184 Resp: 17787

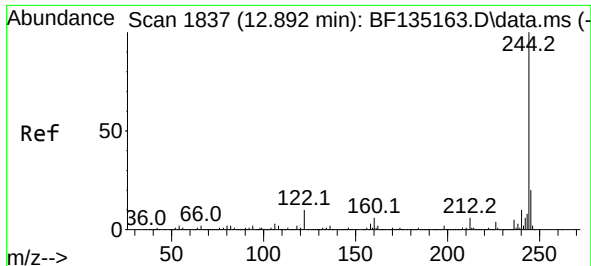
Ion Ratio Lower Upper

184 100

185 16.4 11.7 17.5

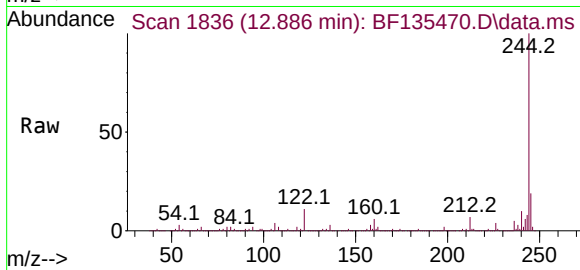
183 5.5 8.2 12.4#



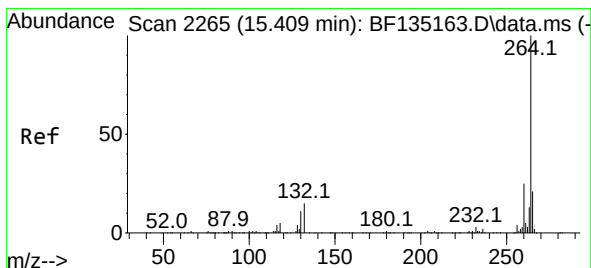
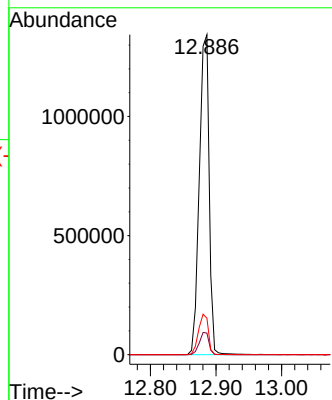
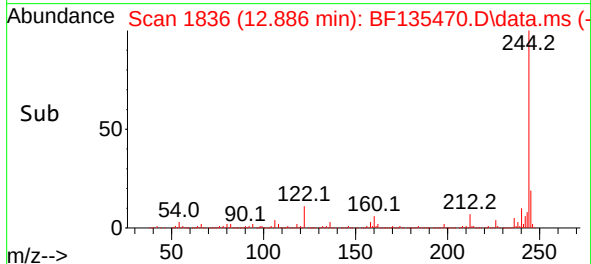


#79
 Terphenyl-d14
 Concen: 81.636 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. 0.006 min
 Lab File: BF135470.D
 Acq: 27 Sep 2023 13:59

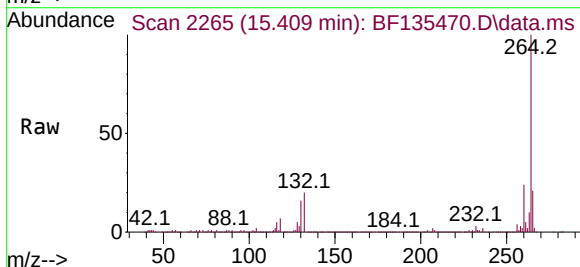
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1



Tgt Ion:244 Resp: 1405586
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.4 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135470.D
 Acq: 27 Sep 2023 13:59



Tgt Ion:264 Resp: 323620
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 21.2 17.0 25.4

