

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135135.D
 Acq On : 07 Sep 2023 15:35
 Operator : CG\JU
 Sample : 04283-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Quant Time: Sep 07 17:18:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

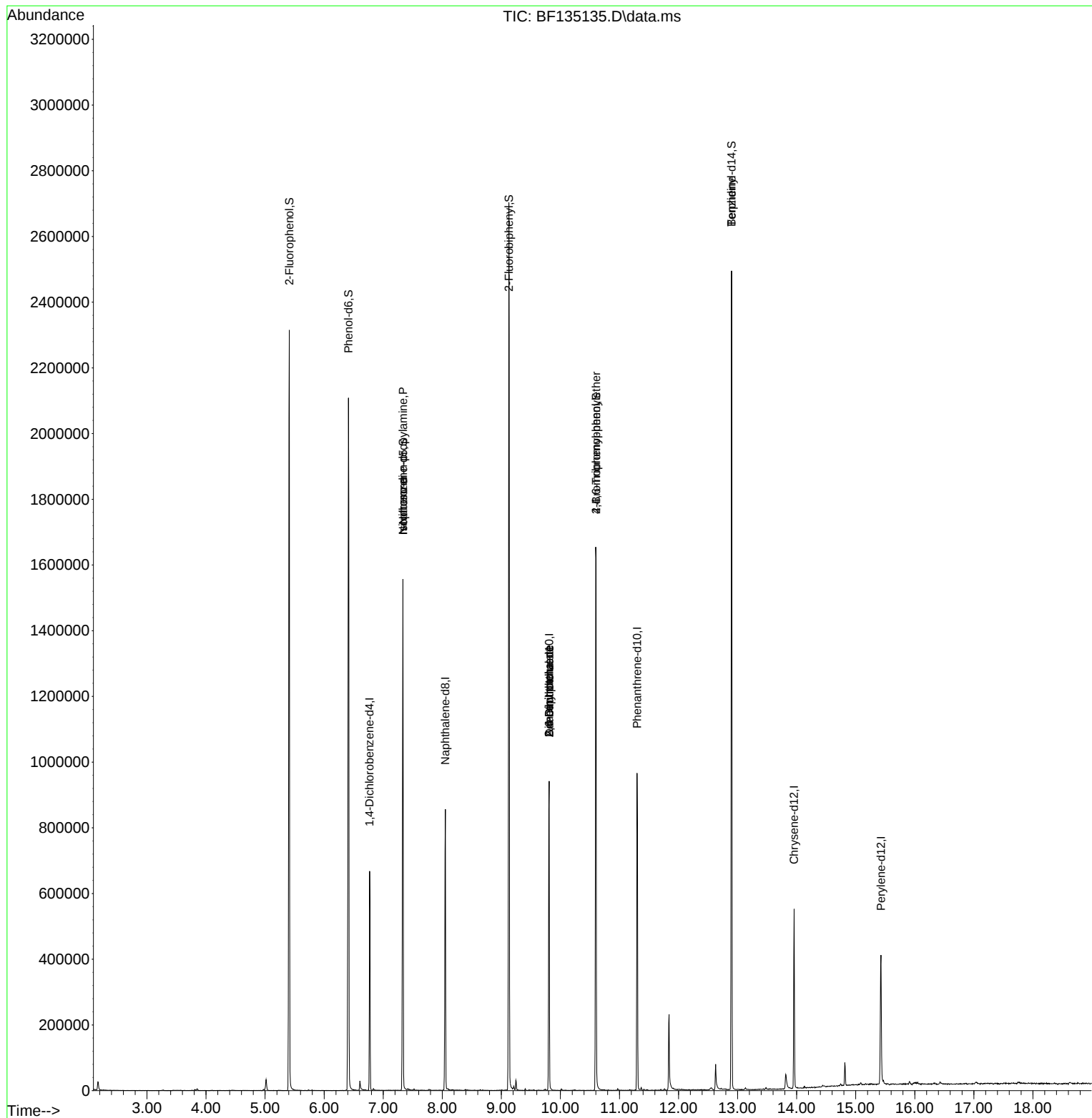
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	93234	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	384339	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	196643	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	344726	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	177060	20.000	ng	0.00
86) Perylene-d12	15.427	264	183908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	623614	103.315	ng	0.01
7) Phenol-d6	6.410	99	762516	101.350	ng	0.00
23) Nitrobenzene-d5	7.334	82	473897	69.272	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	212467	101.855	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	878686	72.751	ng	-0.01
79) Terphenyl-d14	12.898	244	832427	76.722	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	62642	14.017	ng	# 78
25) Isophorone	7.334	82	473889	36.535	ng	# 65
50) Dimethylphthalate	9.810	163	40507	2.942	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	24643	8.156	ng	# 21
57) 2,4-Dinitrotoluene	9.810	165	24643	6.545	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	12707	3.475	ng	# 1
77) Benzidine	12.898	184	10592	3.319	ng	# 92

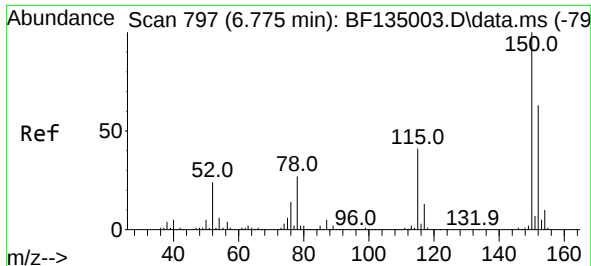
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
Data File : BF135135.D
Acq On : 07 Sep 2023 15:35
Operator : CG\JU
Sample : 04283-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5

Quant Time: Sep 07 17:18:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

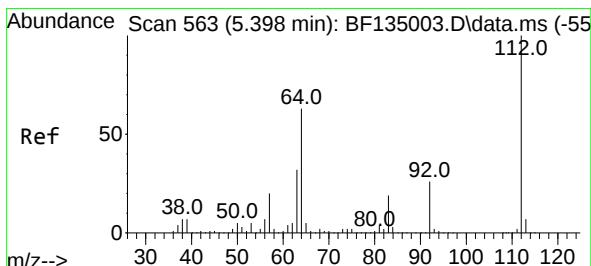
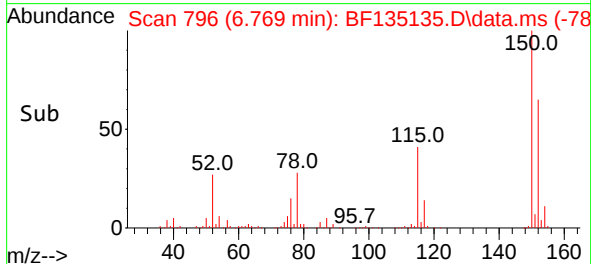
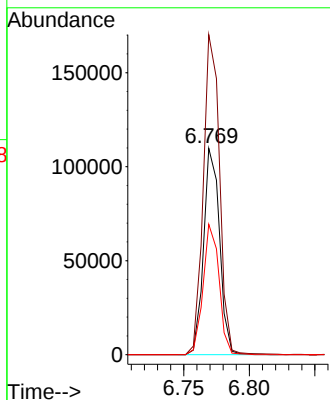
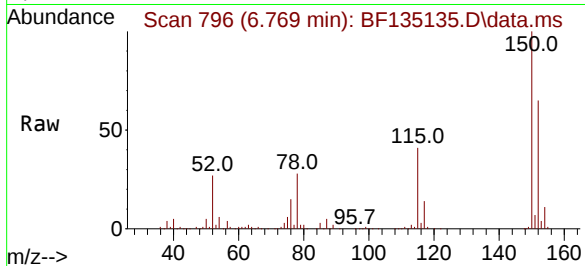




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135135.D
Acq: 07 Sep 2023 15:35

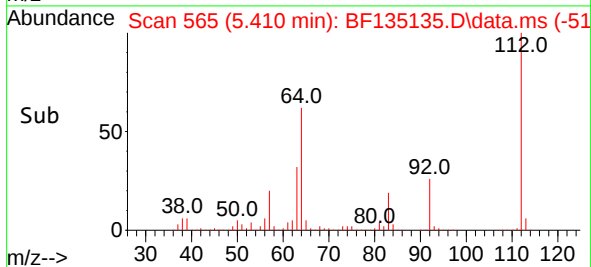
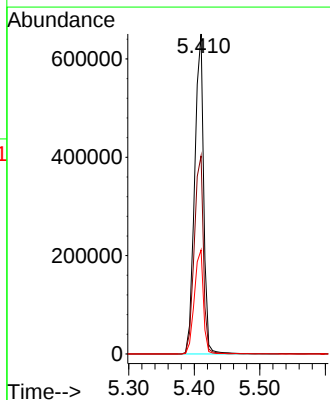
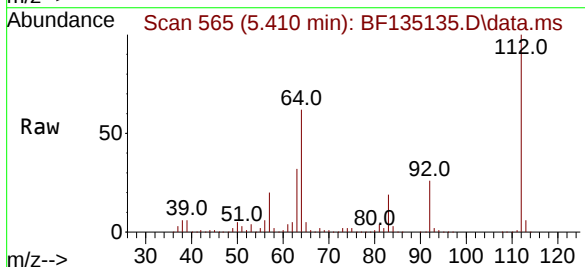
Instrument :
BNA_F
ClientSampleId :
SB-5

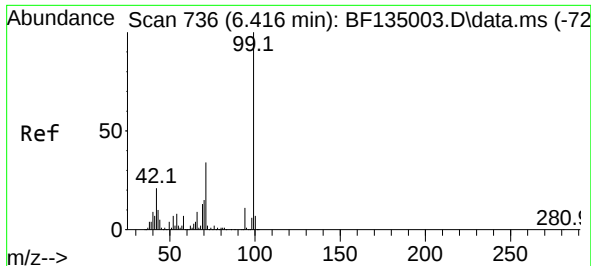
Tgt Ion:152 Resp: 93234
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.4
115 63.1 51.2 76.8



#5
2-Fluorophenol
Concen: 103.315 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF135135.D
Acq: 07 Sep 2023 15:35

Tgt Ion:112 Resp: 623614
Ion Ratio Lower Upper
112 100
64 61.9 50.5 75.7
63 32.5 25.9 38.9

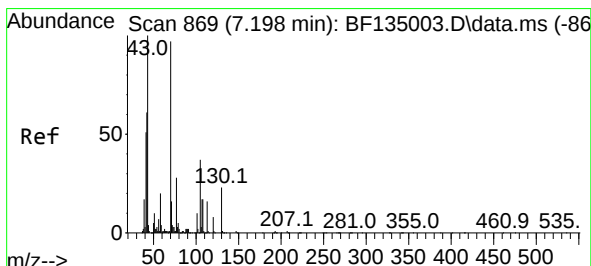
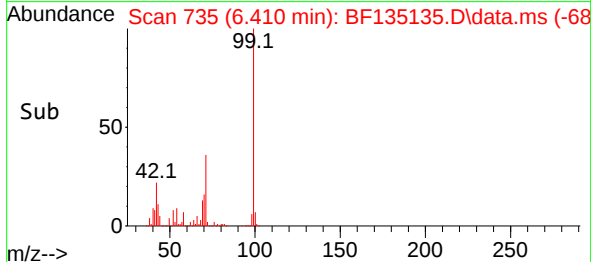
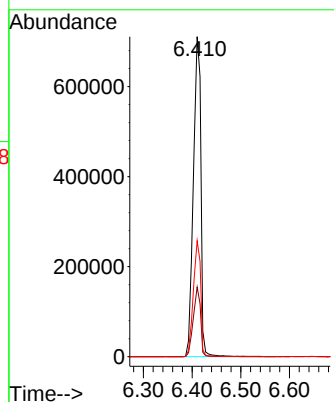
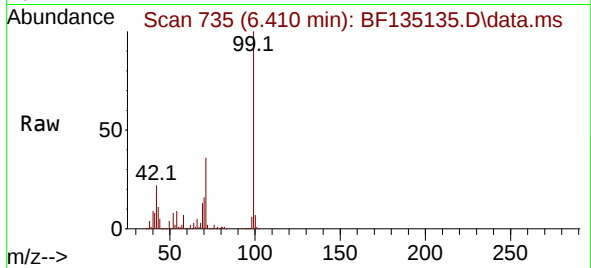




#7
Phenol-d6
Concen: 101.350 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135135.D
Acq: 07 Sep 2023 15:35

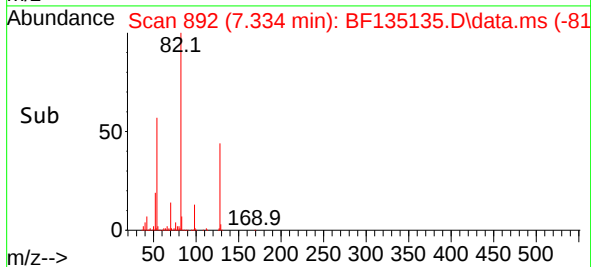
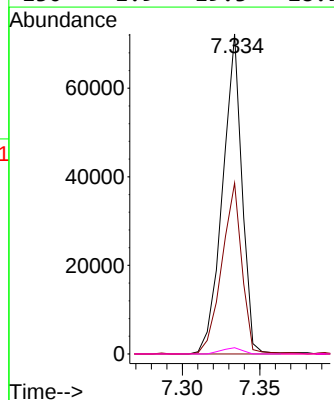
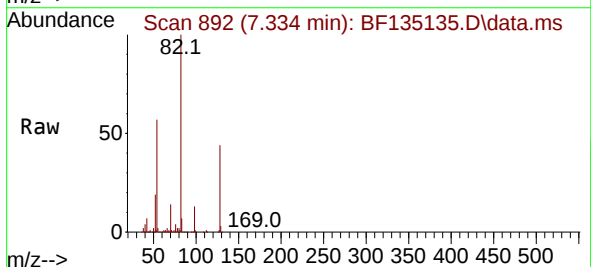
Instrument :
BNA_F
ClientSampleId :
SB-5

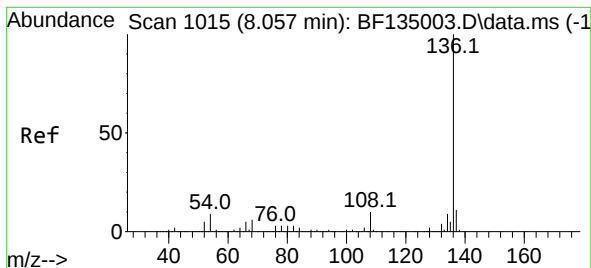
Tgt Ion: 99 Resp: 762516
Ion Ratio Lower Upper
99 100
42 21.8 16.6 25.0
71 36.3 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.017 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135135.D
Acq: 07 Sep 2023 15:35

Tgt Ion: 70 Resp: 62642
Ion Ratio Lower Upper
70 100
42 53.4 50.2 75.4
101 0.0 8.1 12.1#
130 1.9 19.3 28.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.051 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135135.D

Acq: 07 Sep 2023 15:35

Instrument :

BNA_F

ClientSampleId :

SB-5

Tgt Ion:136 Resp: 384339

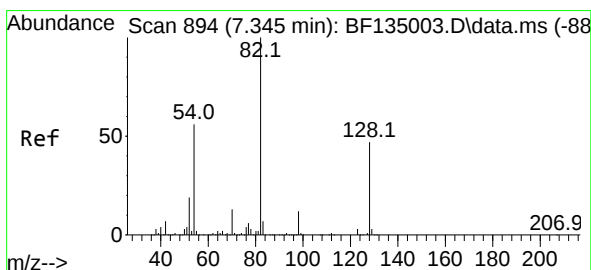
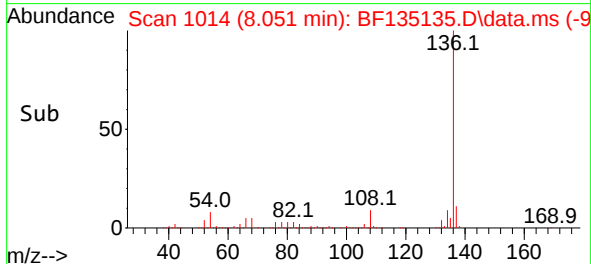
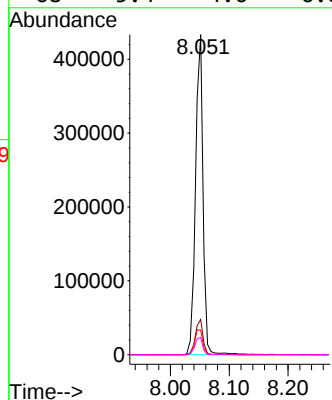
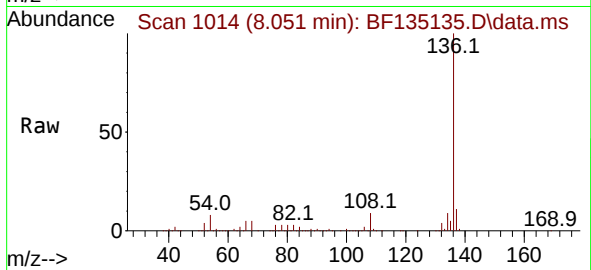
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.7 7.0 10.4

68 5.4 4.6 6.8



#23

Nitrobenzene-d5

Concen: 69.272 ng

RT: 7.334 min Scan# 892

Delta R.T. -0.012 min

Lab File: BF135135.D

Acq: 07 Sep 2023 15:35

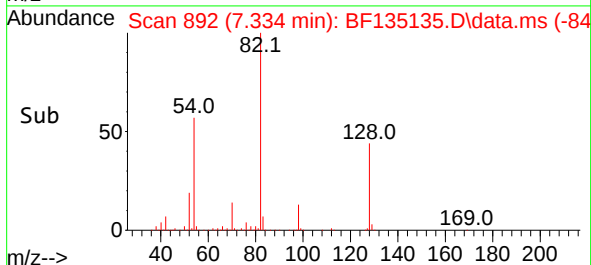
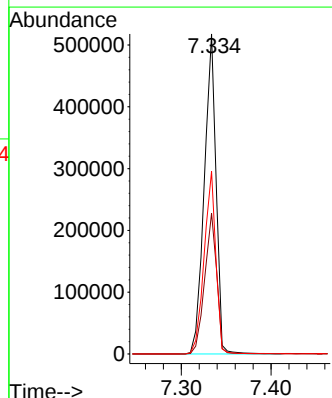
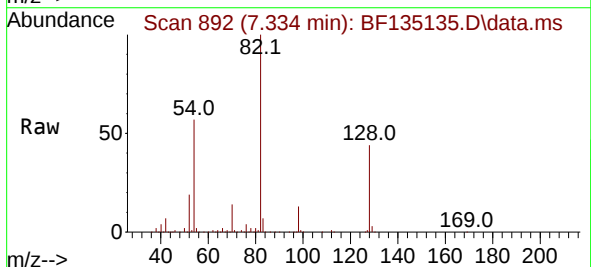
Tgt Ion: 82 Resp: 473897

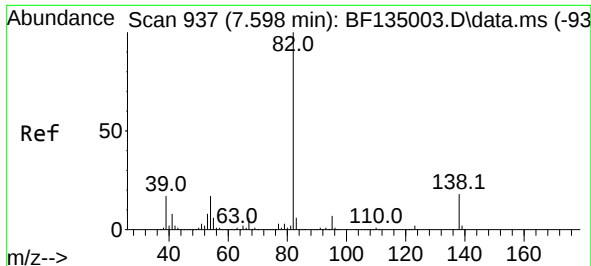
Ion Ratio Lower Upper

82 100

128 44.0 37.8 56.8

54 57.0 45.0 67.6

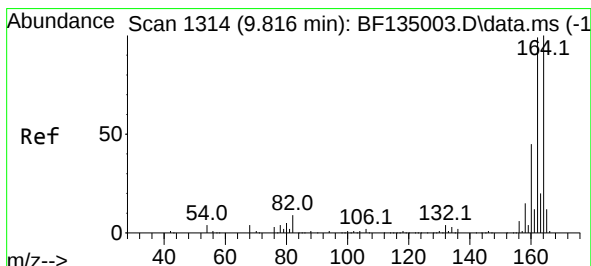
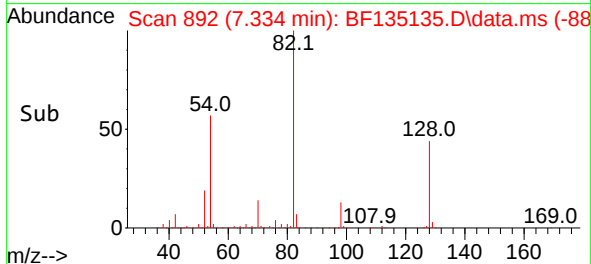
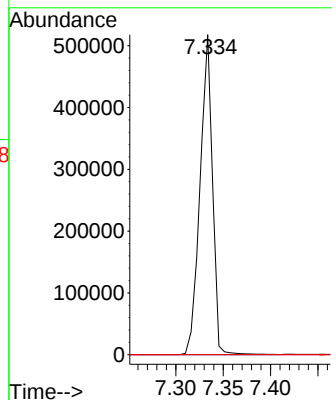
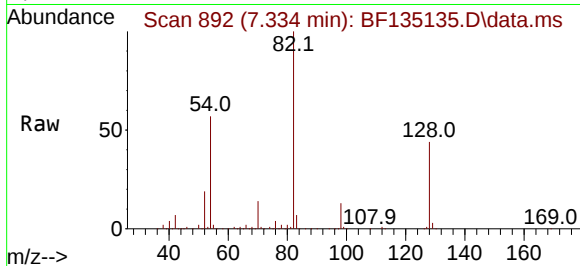




#25
Isophorone
Concen: 36.535 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF135135.D
Acq: 07 Sep 2023 15:35

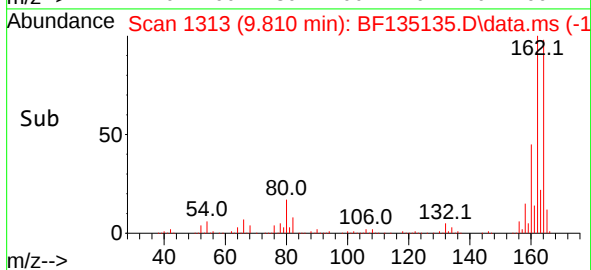
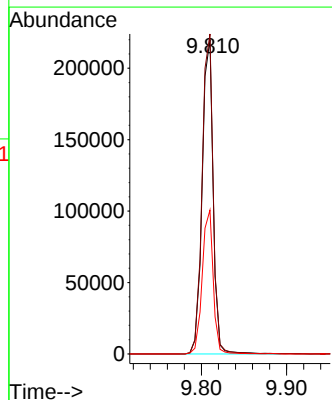
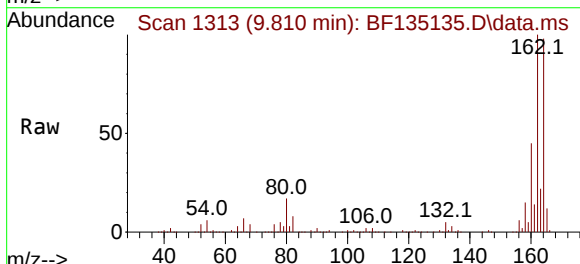
Instrument :
BNA_F
ClientSampleId :
SB-5

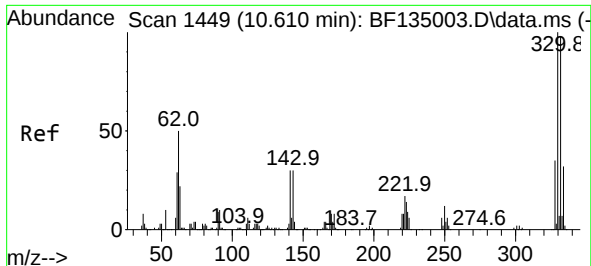
Tgt Ion: 82 Resp: 473889
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135135.D
Acq: 07 Sep 2023 15:35

Tgt Ion: 164 Resp: 196643
Ion Ratio Lower Upper
164 100
162 101.8 79.5 119.3
160 45.8 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 101.855 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135135.D

Acq: 07 Sep 2023 15:35

Instrument :

BNA_F

ClientSampleId :

SB-5

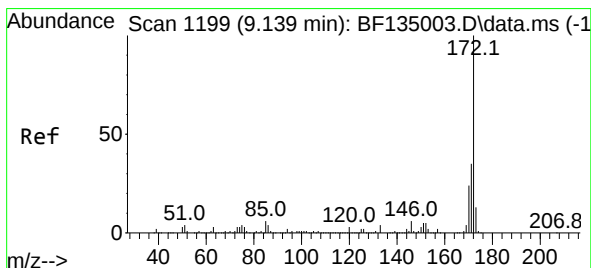
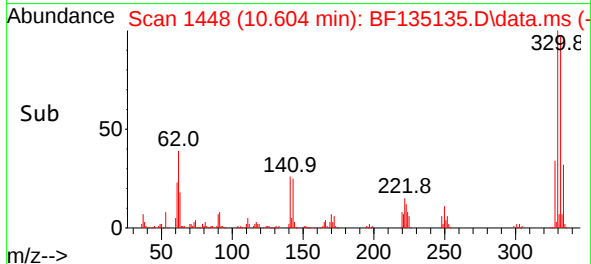
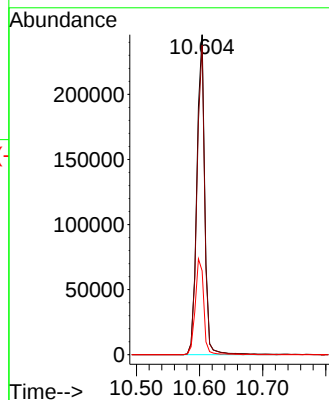
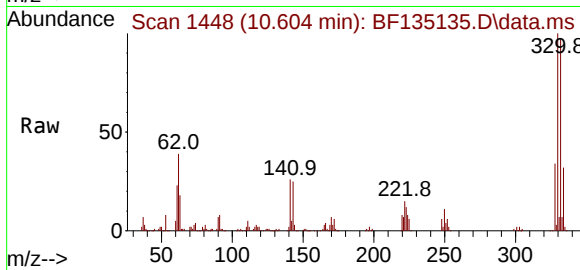
Tgt Ion:330 Resp: 212467

Ion Ratio Lower Upper

330 100

332 95.5 77.6 116.4

141 32.3 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 72.751 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135135.D

Acq: 07 Sep 2023 15:35

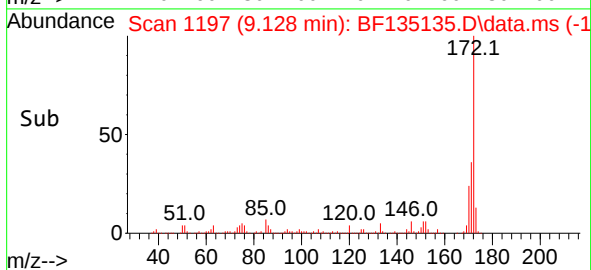
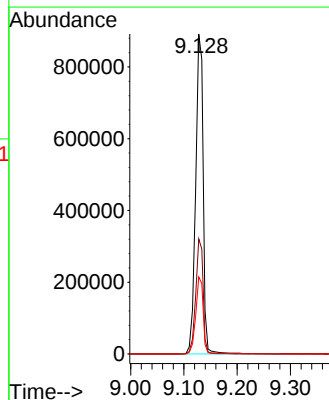
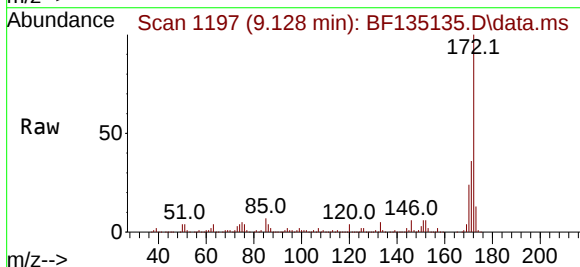
Tgt Ion:172 Resp: 878686

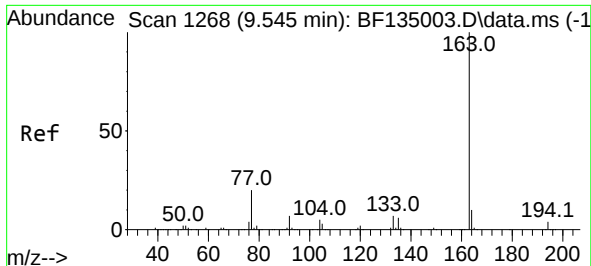
Ion Ratio Lower Upper

172 100

171 36.0 28.2 42.2

170 24.1 19.0 28.4

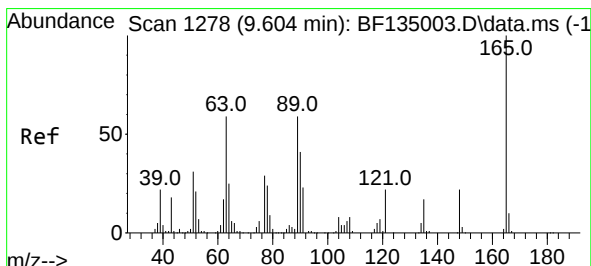
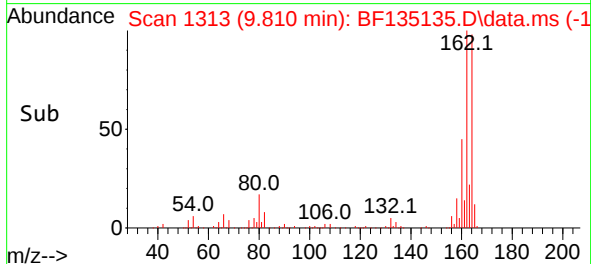
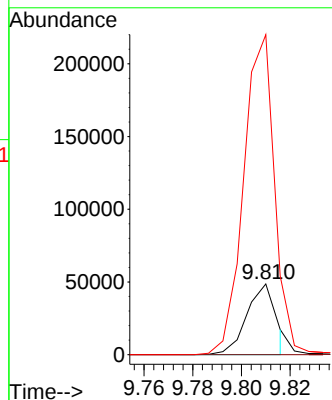
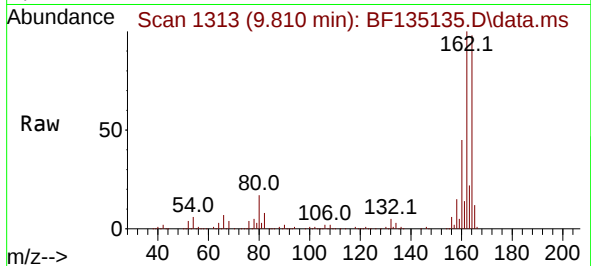




#50
Dimethylphthalate
Concen: 2.942 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135135.D
Acq: 07 Sep 2023 15:35

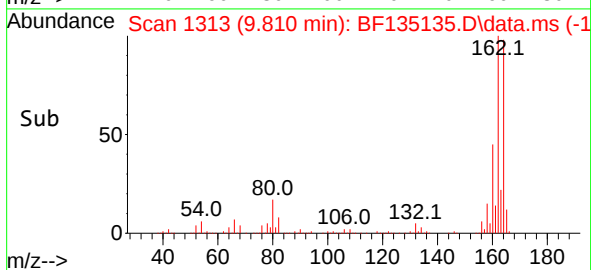
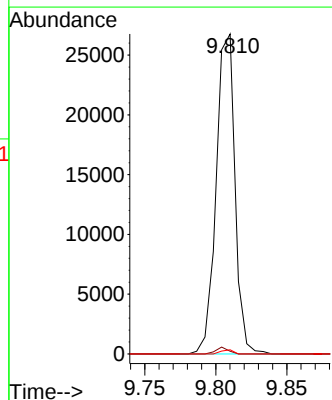
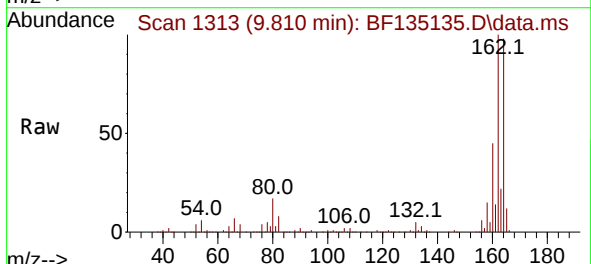
Instrument :
BNA_F
ClientSampleId :
SB-5

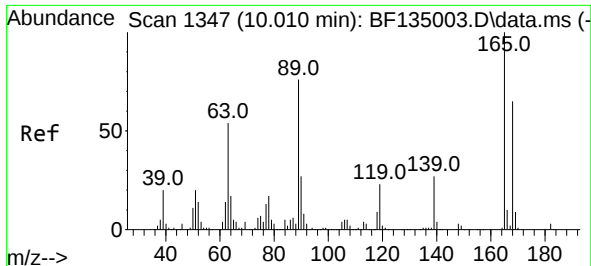
Tgt Ion:163 Resp: 40507
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 452.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.156 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135135.D
Acq: 07 Sep 2023 15:35

Tgt Ion:165 Resp: 24643
Ion Ratio Lower Upper
165 100
63 0.9 50.4 75.6#
89 1.3 47.1 70.7#

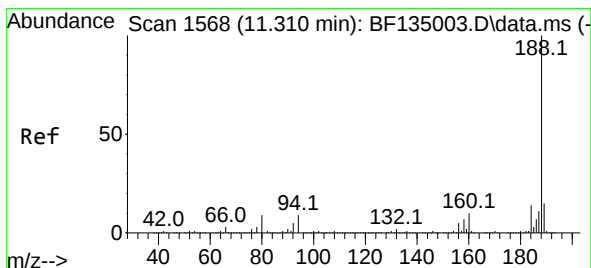
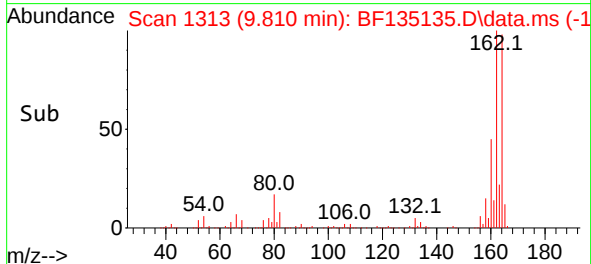
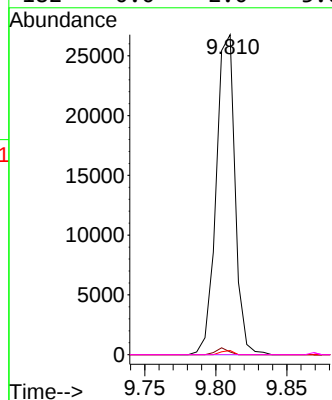
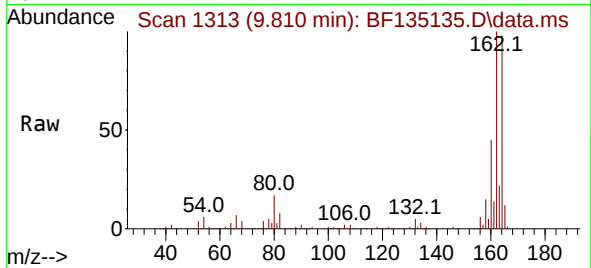




#57
2,4-Dinitrotoluene
Concen: 6.545 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF135135.D
Acq: 07 Sep 2023 15:35

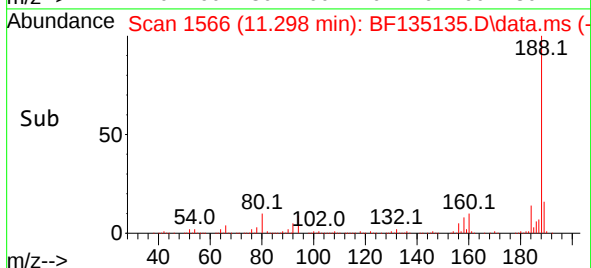
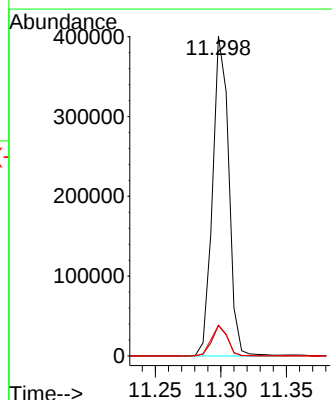
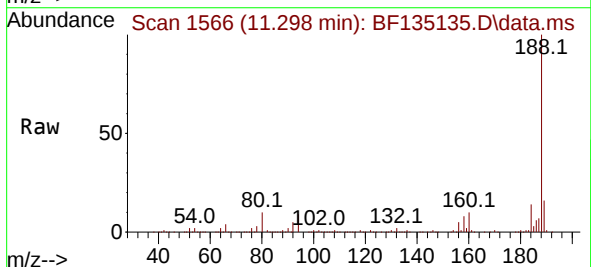
Instrument :
BNA_F
ClientSampleId :
SB-5

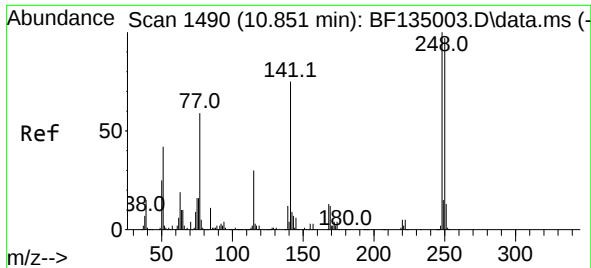
Tgt Ion:165 Resp: 24643
Ion Ratio Lower Upper
165 100
63 0.9 43.2 64.8#
89 1.3 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135135.D
Acq: 07 Sep 2023 15:35

Tgt Ion:188 Resp: 344726
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 9.6 7.4 11.2

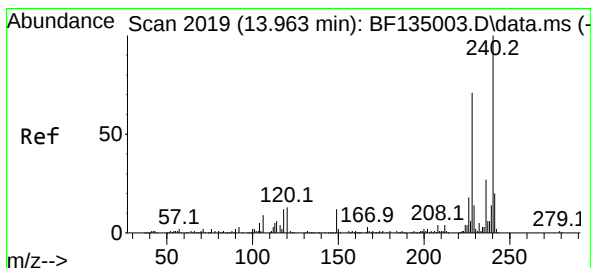
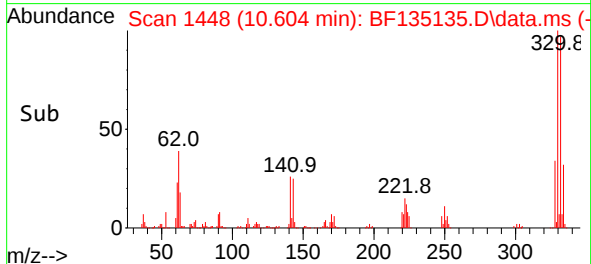
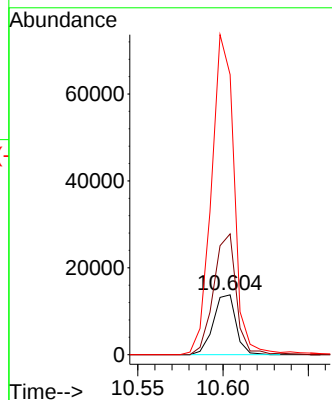
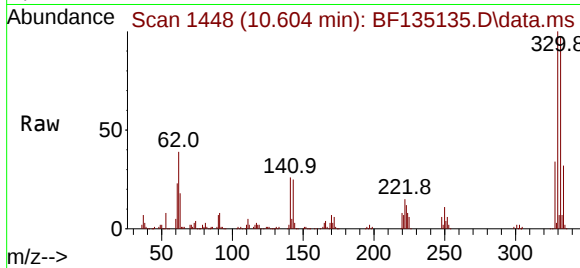




#67
4-Bromophenyl-phenylether
Concen: 3.475 ng
RT: 10.604 min Scan# 1490
Delta R.T. -0.247 min
Lab File: BF135135.D
Acq: 07 Sep 2023 15:35

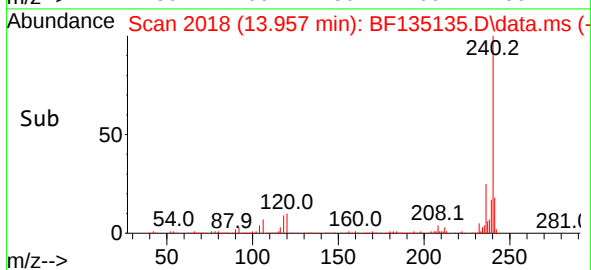
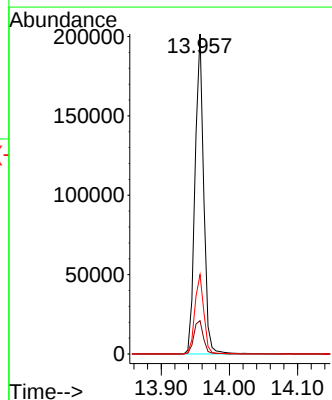
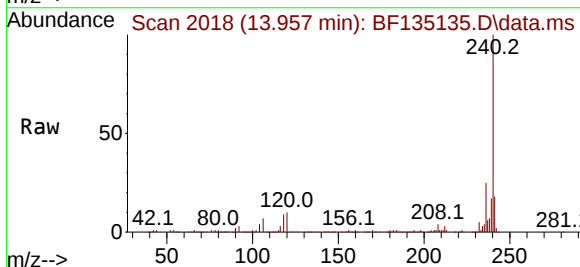
Instrument :
BNA_F
ClientSampleId :
SB-5

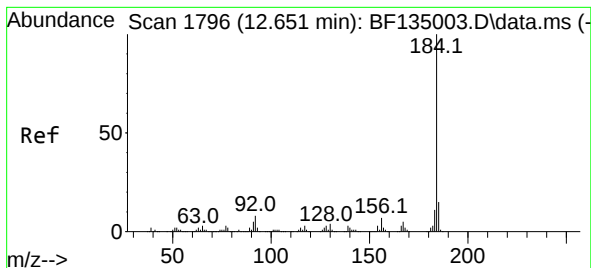
Tgt Ion:248 Resp: 12707
Ion Ratio Lower Upper
248 100
250 202.0 77.9 116.9#
141 468.0 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135135.D
Acq: 07 Sep 2023 15:35

Tgt Ion:240 Resp: 177060
Ion Ratio Lower Upper
240 100
120 10.4 10.2 15.2
236 24.8 21.3 31.9





#77

Benzidine

Concen: 3.319 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.247 min

Lab File: BF135135.D

Acq: 07 Sep 2023 15:35

Instrument :

BNA_F

ClientSampleId :

SB-5

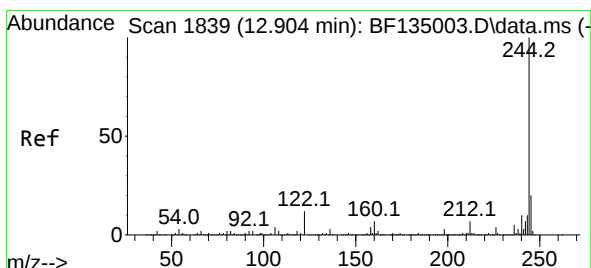
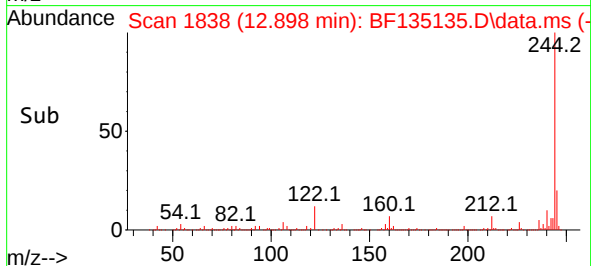
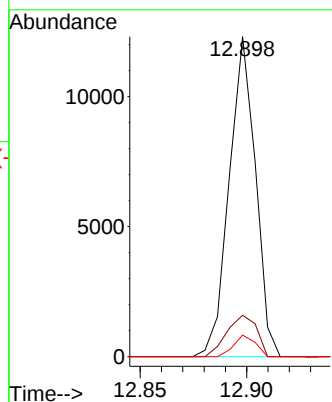
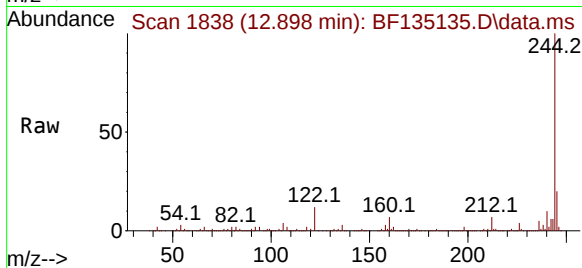
Tgt Ion:184 Resp: 10592

Ion Ratio Lower Upper

184 100

185 13.0 12.0 18.0

183 6.7 9.0 13.6#



#79

Terphenyl-d14

Concen: 76.722 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF135135.D

Acq: 07 Sep 2023 15:35

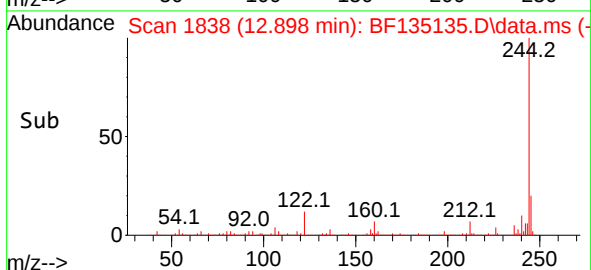
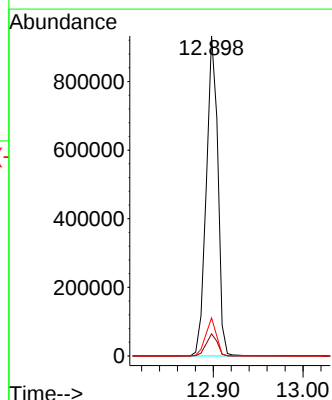
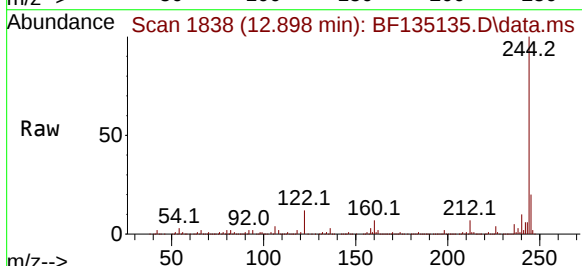
Tgt Ion:244 Resp: 832427

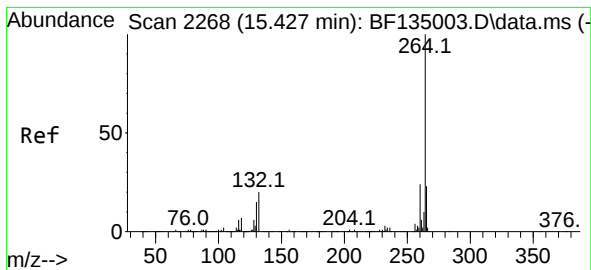
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

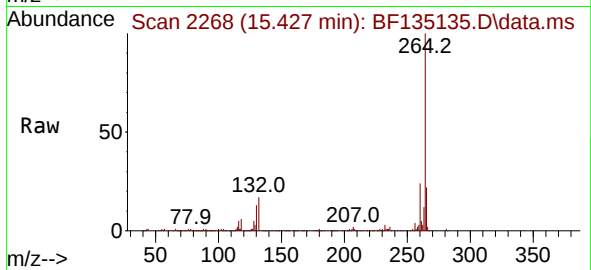
122 11.9 9.8 14.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF135135.D
 Acq: 07 Sep 2023 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-5



Tgt Ion:264 Resp: 183908
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.8 18.2 27.2

