

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135445.D
 Acq On : 26 Sep 2023 11:13
 Operator : CG\JU
 Sample : PB155781BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155781BL

Quant Time: Sep 27 02:08:41 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)

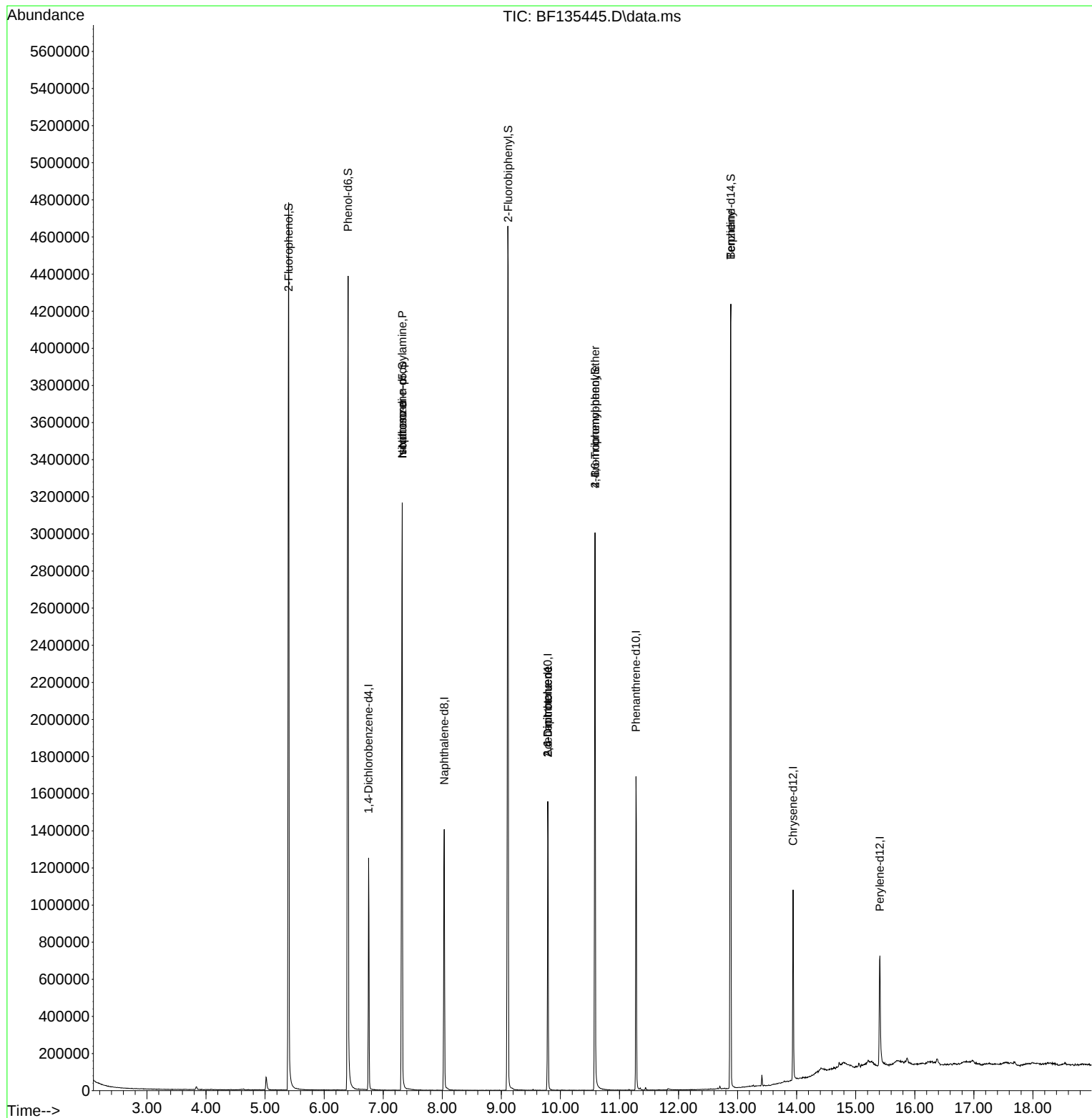
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	176472	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	680629	20.000	ng	# 0.00
39) Acenaphthene-d10	9.786	164	332702	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	641666	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	339320	20.000	ng	0.00
86) Perylene-d12	15.410	264	308345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1398849	128.924	ng	0.02
7) Phenol-d6	6.404	99	1799034	130.397	ng	0.00
23) Nitrobenzene-d5	7.322	82	1149449	91.752	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	375467	113.563	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1886785	85.561	ng	0.00
79) Terphenyl-d14	12.886	244	1774450	81.066	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	152111	17.800	ng	# 81
25) Isophorone	7.322	82	1140622	49.583	ng	# 65
51) 2,6-Dinitrotoluene	9.786	165	42561	8.637	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	42561	6.899	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	24491	3.838	ng	# 1
77) Benzidine	12.886	184	22205	3.194	ng	# 91

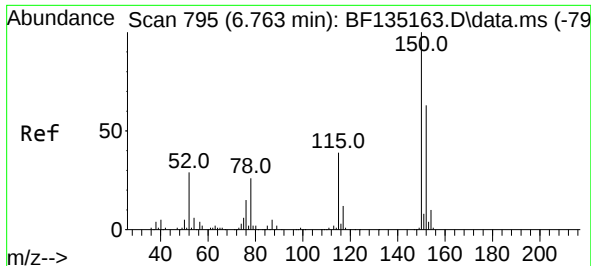
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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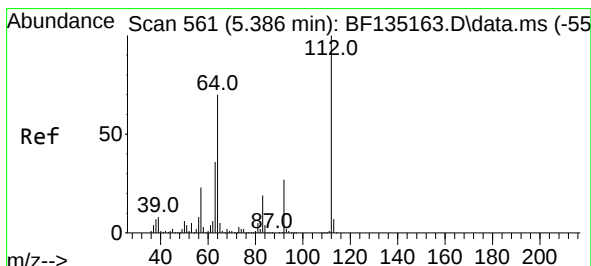
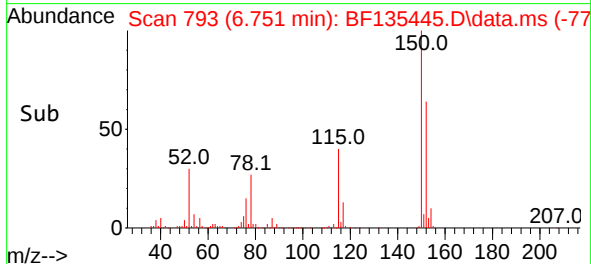
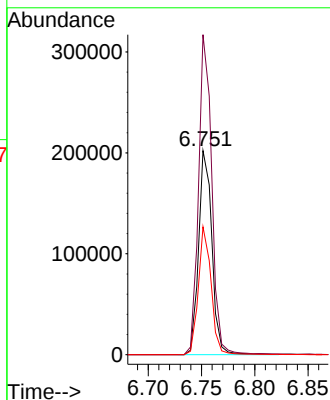
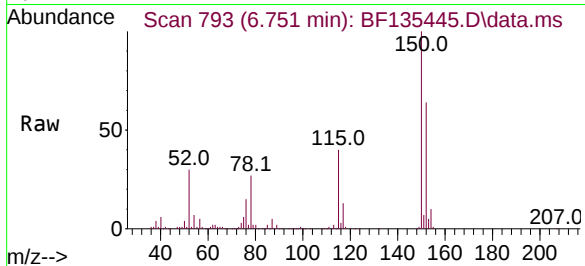




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135445.D
Acq: 26 Sep 2023 11:13

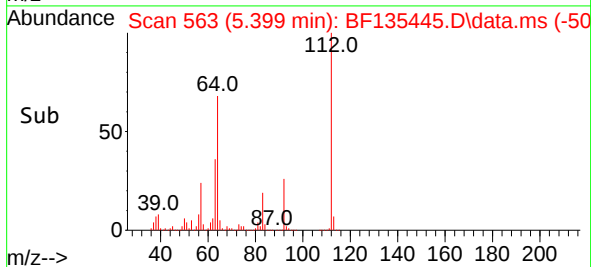
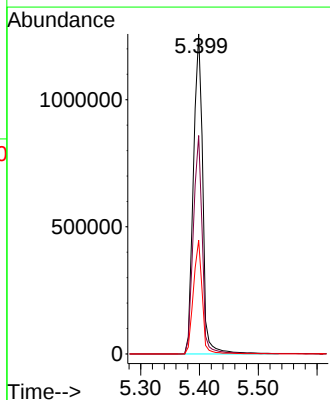
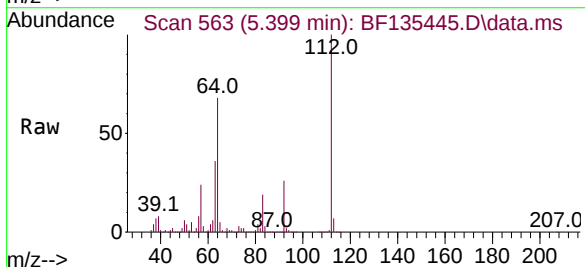
Instrument :
BNA_F
ClientSampleId :
PB155781BL

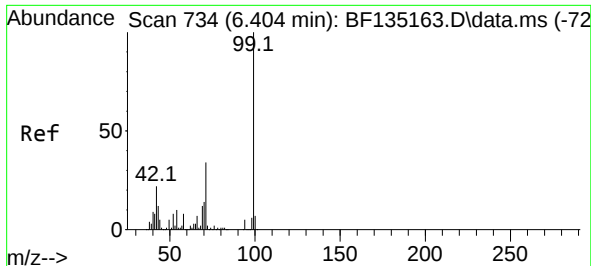
Tgt Ion:152 Resp: 176472
Ion Ratio Lower Upper
152 100
150 156.9 127.8 191.6
115 62.7 49.8 74.8



#5
2-Fluorophenol
Concen: 128.924 ng
RT: 5.399 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF135445.D
Acq: 26 Sep 2023 11:13

Tgt Ion:112 Resp: 1398849
Ion Ratio Lower Upper
112 100
64 68.2 55.9 83.9
63 35.6 29.0 43.6

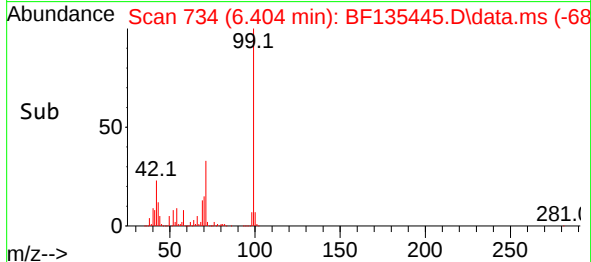
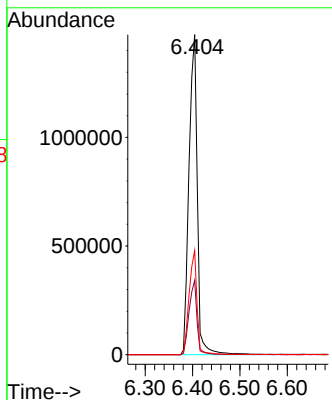
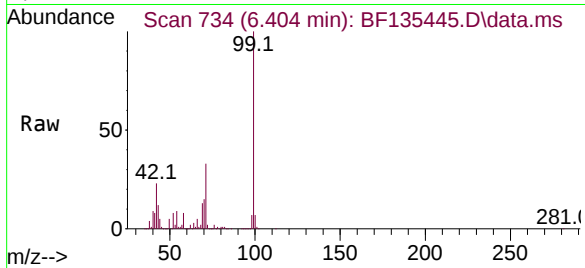




#7
Phenol-d6
Concen: 130.397 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135445.D
Acq: 26 Sep 2023 11:13

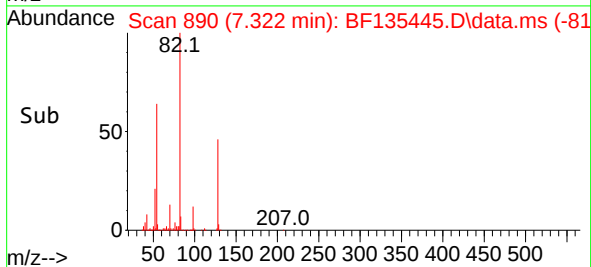
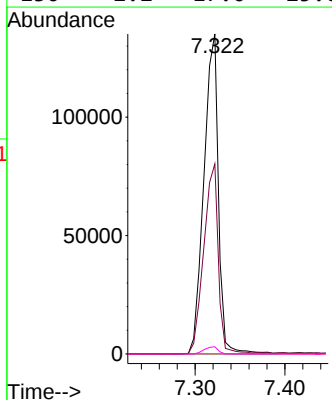
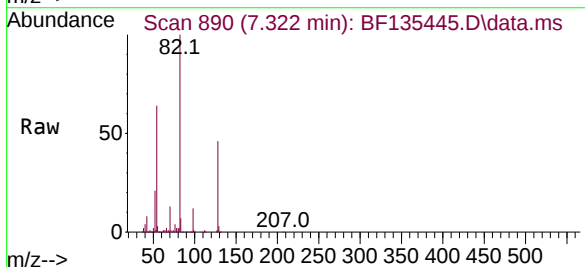
Instrument :
BNA_F
ClientSampleId :
PB155781BL

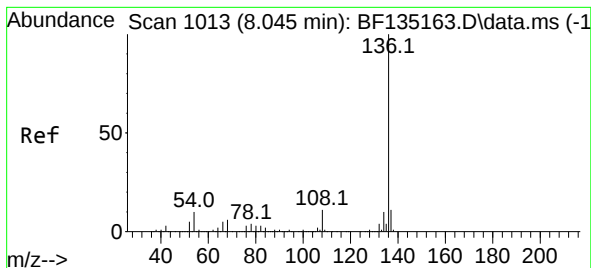
Tgt Ion: 99 Resp: 1799034
Ion Ratio Lower Upper
99 100
42 23.2 17.9 26.9
71 32.5 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.800 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF135445.D
Acq: 26 Sep 2023 11:13

Tgt Ion: 70 Resp: 152111
Ion Ratio Lower Upper
70 100
42 59.4 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135445.D

Acq: 26 Sep 2023 11:13

Instrument :

BNA_F

ClientSampleId :

PB155781BL

Tgt Ion:136 Resp: 680629

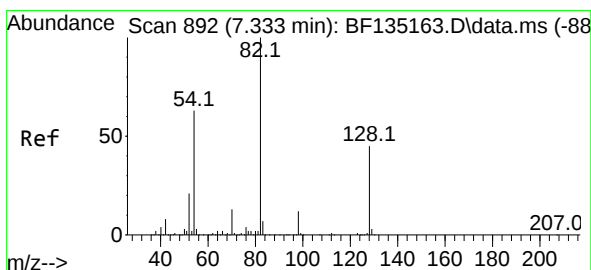
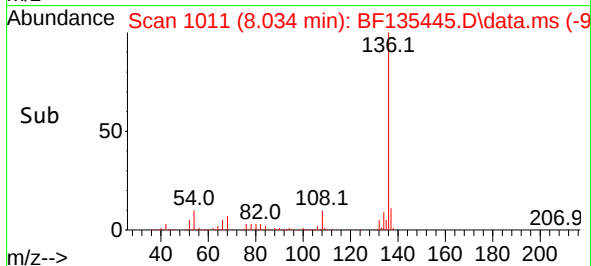
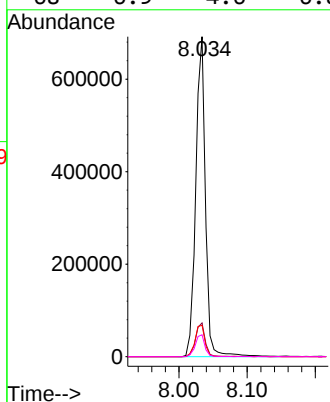
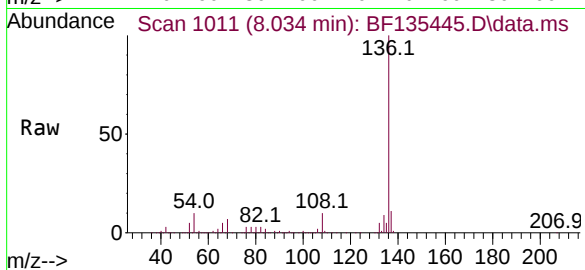
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 9.8 7.7 11.5

68 6.9 4.6 6.8#



#23

Nitrobenzene-d5

Concen: 91.752 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF135445.D

Acq: 26 Sep 2023 11:13

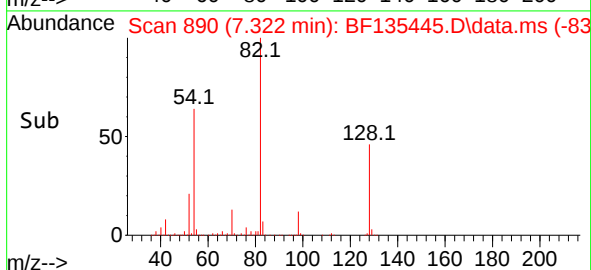
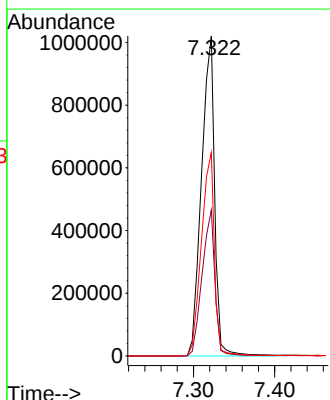
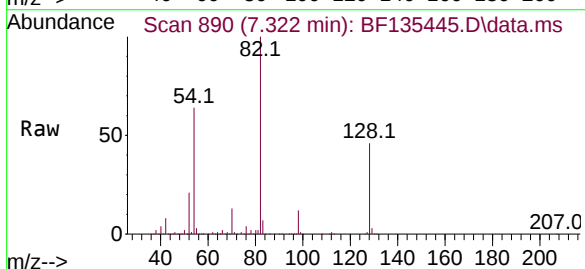
Tgt Ion: 82 Resp: 1149449

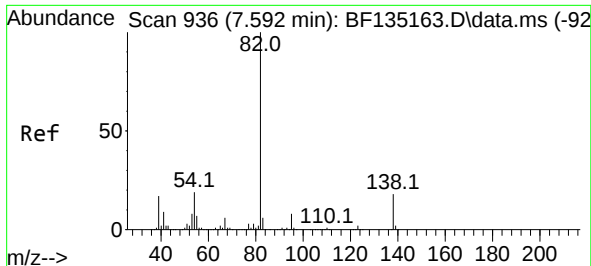
Ion Ratio Lower Upper

82 100

128 45.6 35.8 53.6

54 63.6 50.6 76.0

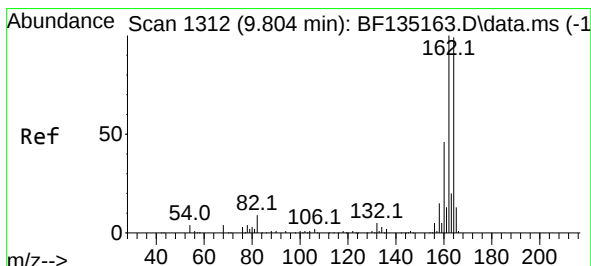
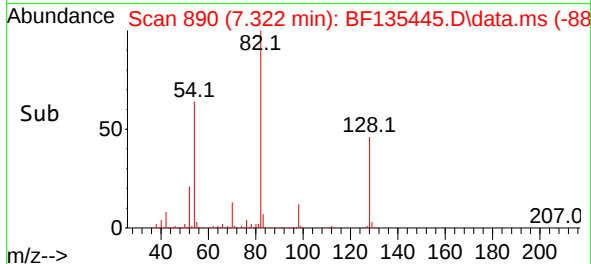
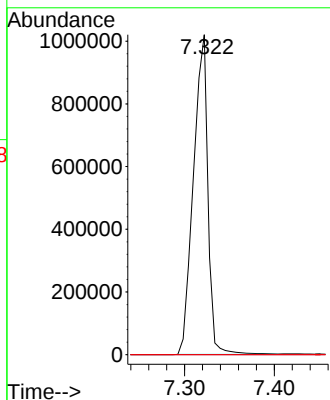
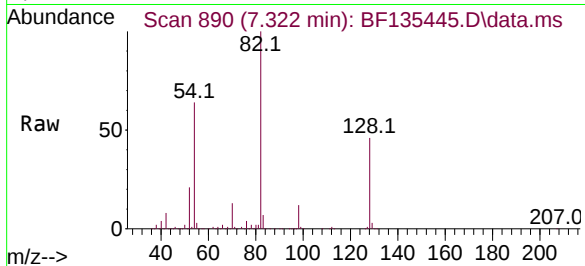




#25
Isophorone
Concen: 49.583 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF135445.D
Acq: 26 Sep 2023 11:13

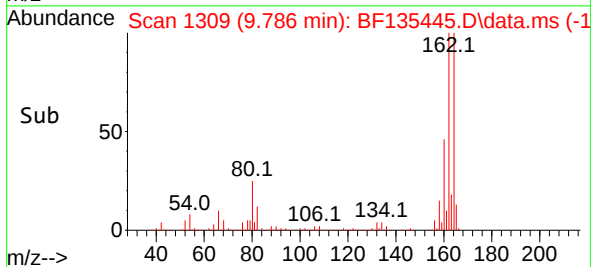
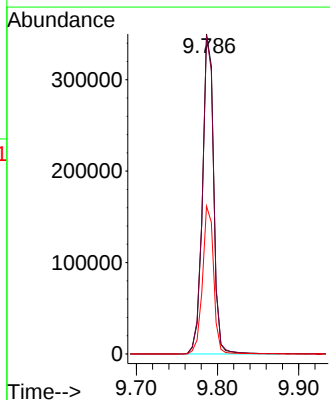
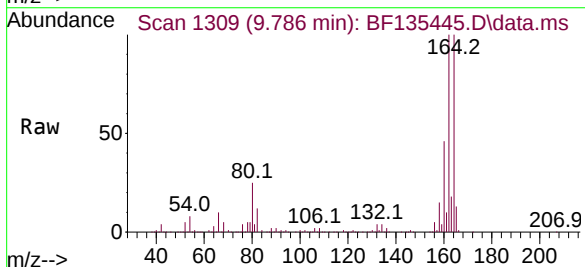
Instrument :
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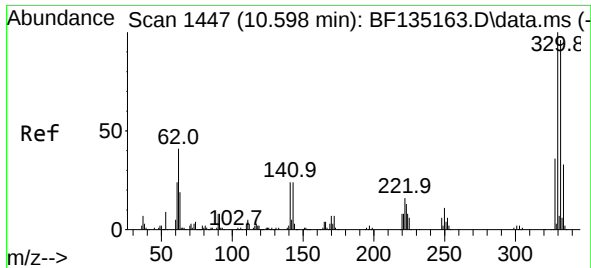
Tgt Ion: 82 Resp: 1140622
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135445.D
Acq: 26 Sep 2023 11:13

Tgt Ion:164 Resp: 332702
Ion Ratio Lower Upper
164 100
162 99.6 81.0 121.4
160 46.2 37.0 55.4

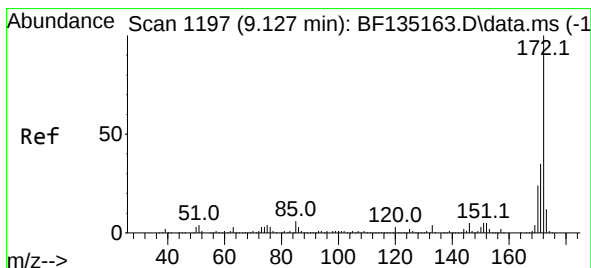
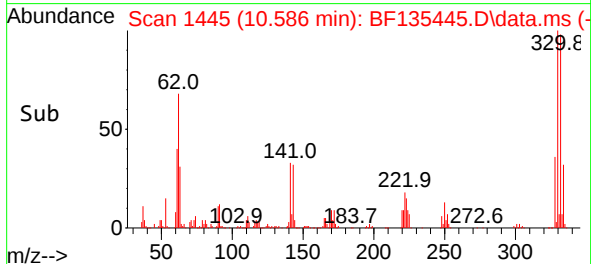
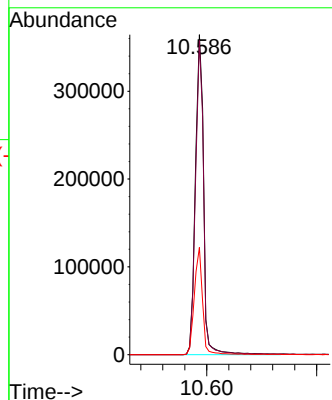
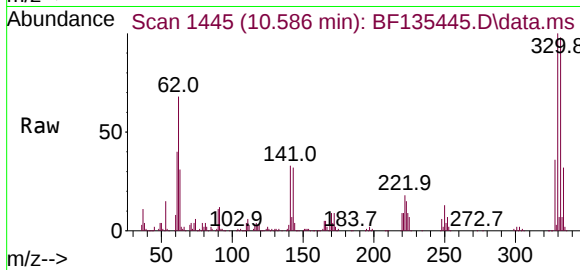




#42
 2,4,6-Tribromophenol
 Concen: 113.563 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. 0.000 min
 Lab File: BF135445.D
 Acq: 26 Sep 2023 11:13

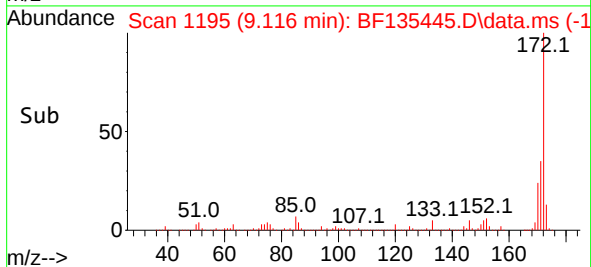
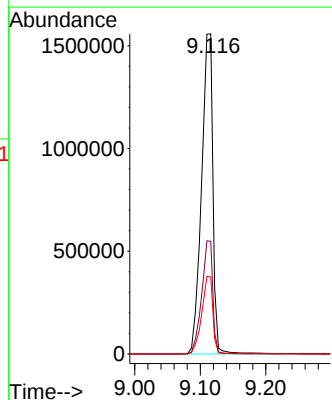
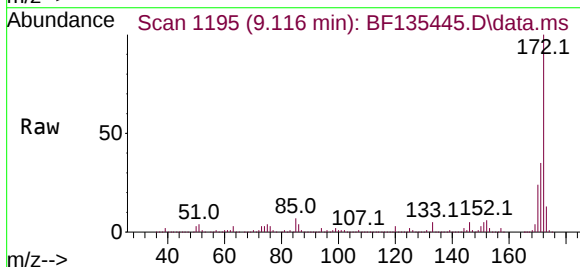
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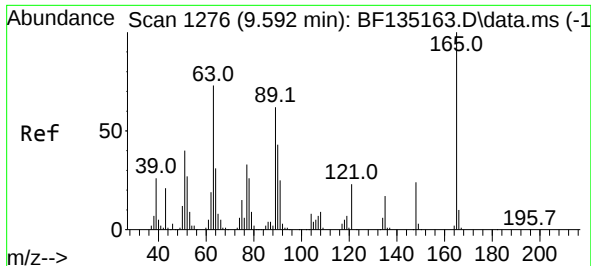
Tgt Ion:330 Resp: 375467
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 33.6 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 85.561 ng
 RT: 9.116 min Scan# 1195
 Delta R.T. 0.000 min
 Lab File: BF135445.D
 Acq: 26 Sep 2023 11:13

Tgt Ion:172 Resp: 1886785
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.4 42.6
 170 24.0 19.0 28.4

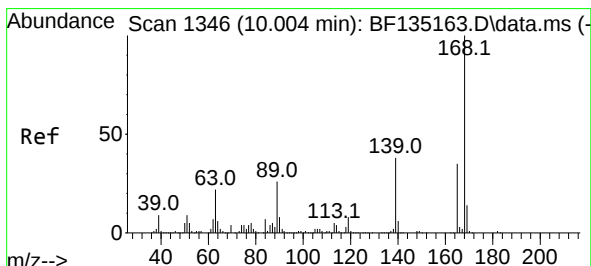
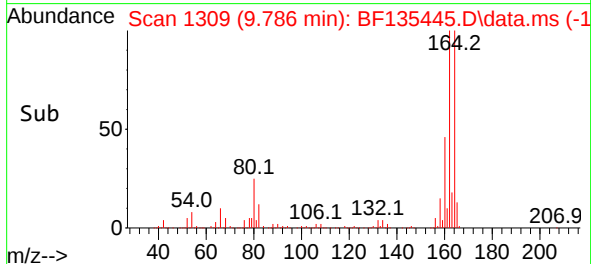
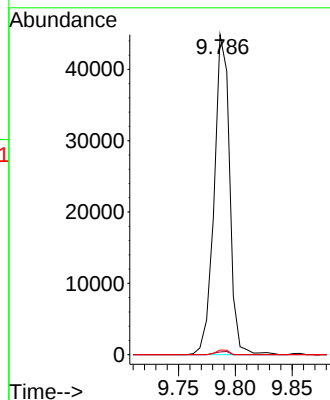
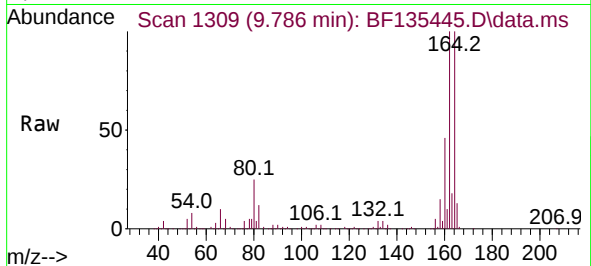




#51
2,6-Dinitrotoluene
Concen: 8.637 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF135445.D
Acq: 26 Sep 2023 11:13

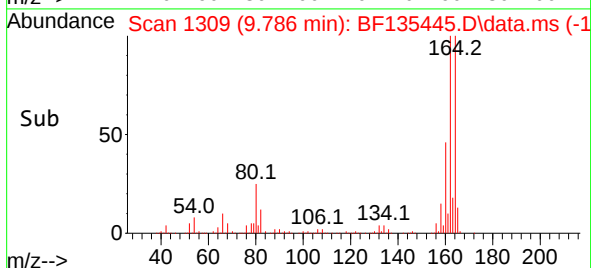
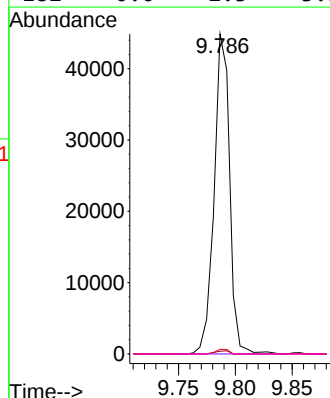
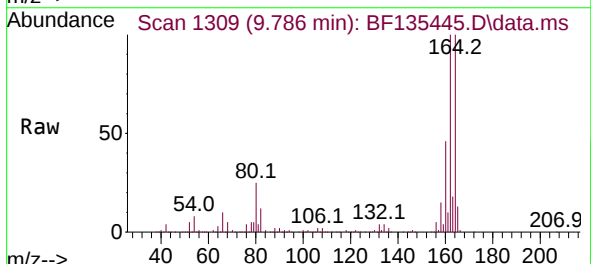
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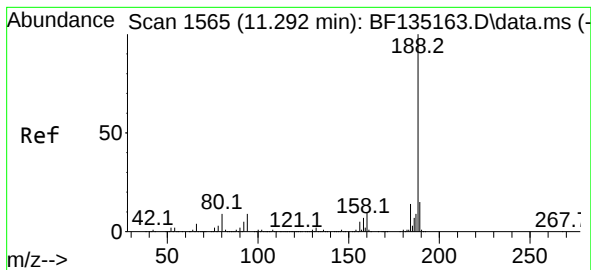
Tgt Ion:165 Resp: 42561
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.2#
89 1.4 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.899 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.212 min
Lab File: BF135445.D
Acq: 26 Sep 2023 11:13

Tgt Ion:165 Resp: 42561
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 1.4 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135445.D

Acq: 26 Sep 2023 11:13

Instrument :

BNA_F

ClientSampleId :

PB155781BL

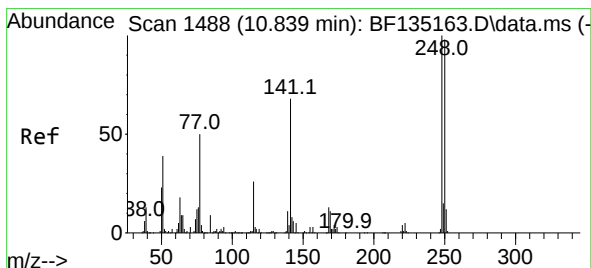
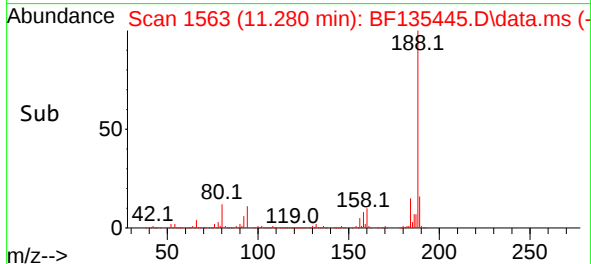
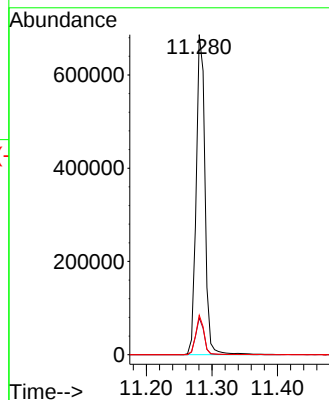
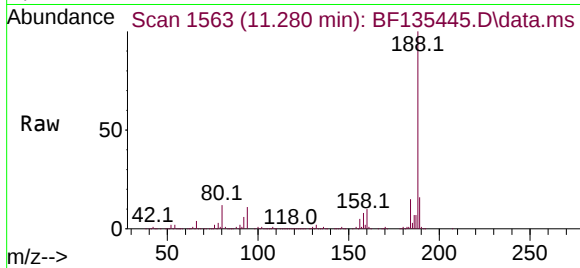
Tgt Ion:188 Resp: 641666

Ion Ratio Lower Upper

188 100

94 11.5 7.0 10.6#

80 12.3 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 3.838 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.241 min

Lab File: BF135445.D

Acq: 26 Sep 2023 11:13

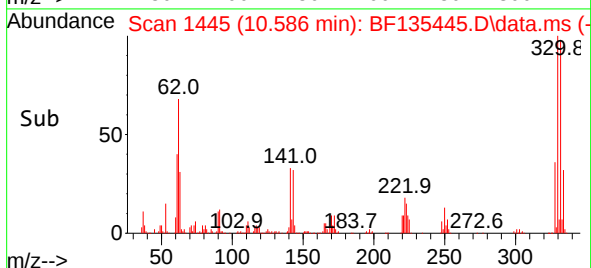
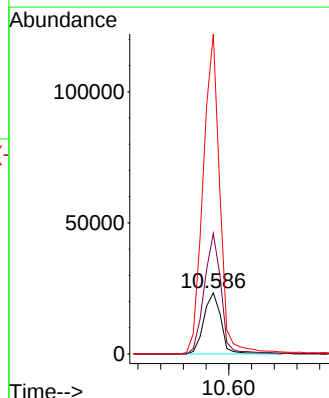
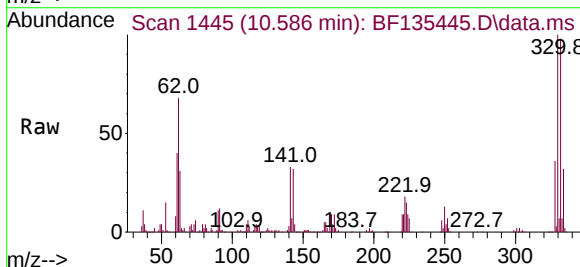
Tgt Ion:248 Resp: 24491

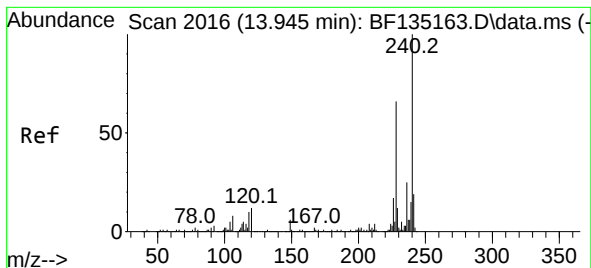
Ion Ratio Lower Upper

248 100

250 197.4 78.6 117.8#

141 524.0 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135445.D

Acq: 26 Sep 2023 11:13

Instrument :

BNA_F

ClientSampleId :

PB155781BL

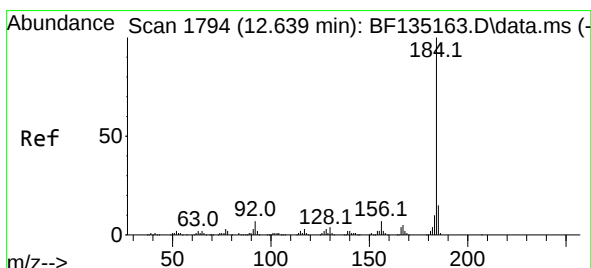
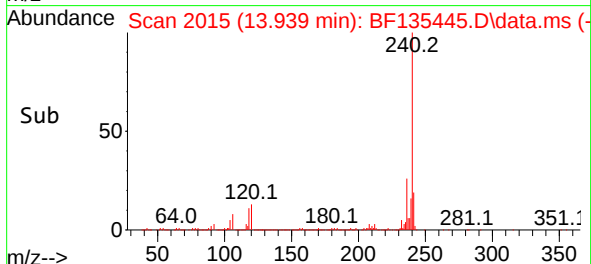
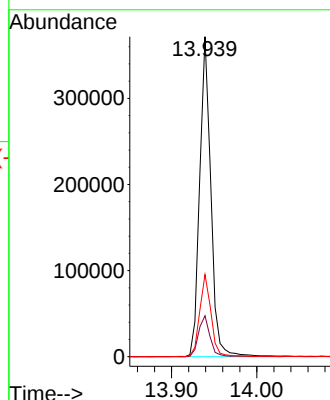
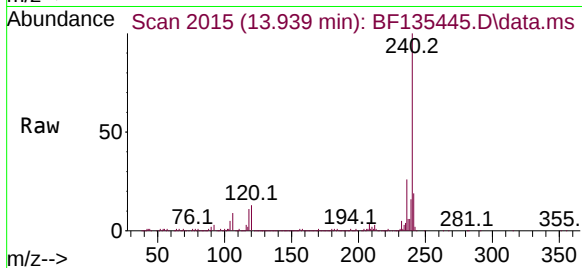
Tgt Ion:240 Resp: 339320

Ion Ratio Lower Upper

240 100

120 12.8 9.4 14.2

236 25.6 19.8 29.8



#77

Benzidine

Concen: 3.194 ng

RT: 12.886 min Scan# 1836

Delta R.T. 0.253 min

Lab File: BF135445.D

Acq: 26 Sep 2023 11:13

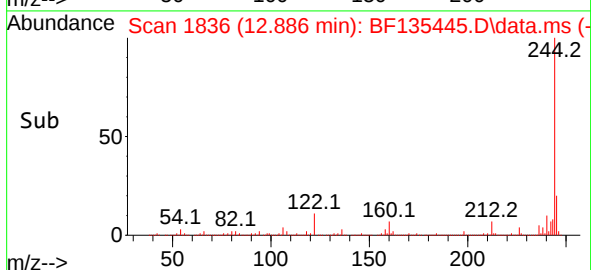
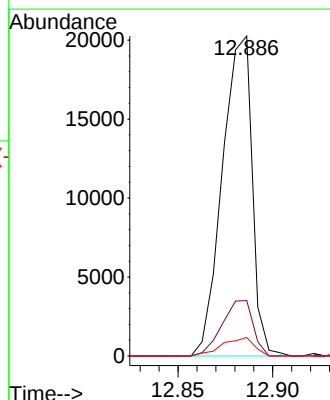
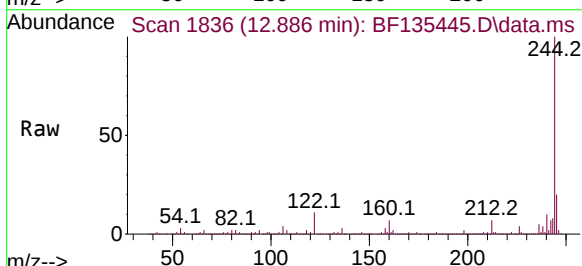
Tgt Ion:184 Resp: 22205

Ion Ratio Lower Upper

184 100

185 17.3 11.7 17.5

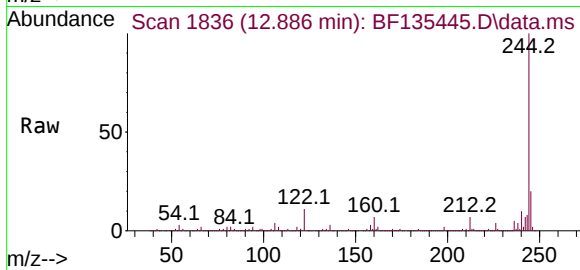
183 5.8 8.2 12.4#



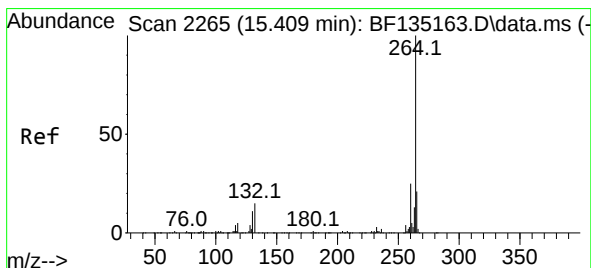
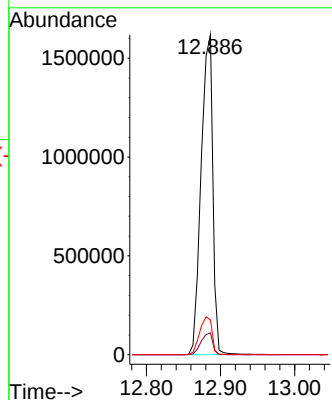
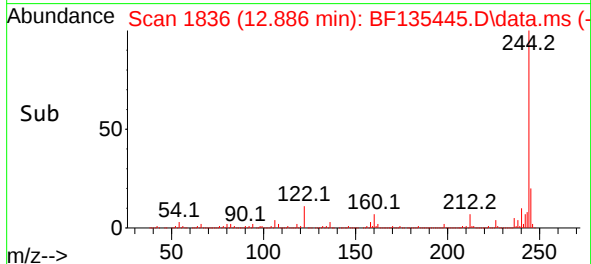


#79
 Terphenyl-d14
 Concen: 81.066 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. 0.006 min
 Lab File: BF135445.D
 Acq: 26 Sep 2023 11:13

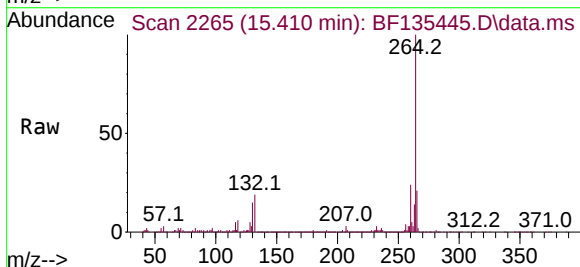
Instrument :
 BNA_F
 ClientSampleId :
 PB155781BL



Tgt Ion:244 Resp: 1774450
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 10.9 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135445.D
 Acq: 26 Sep 2023 11:13



Tgt Ion:264 Resp: 308345
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 20.9 17.0 25.4

