

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135449.D
 Acq On : 26 Sep 2023 13:14
 Operator : CG\JU
 Sample : PB155781BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155781BL

Quant Time: Sep 27 02:10:45 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)

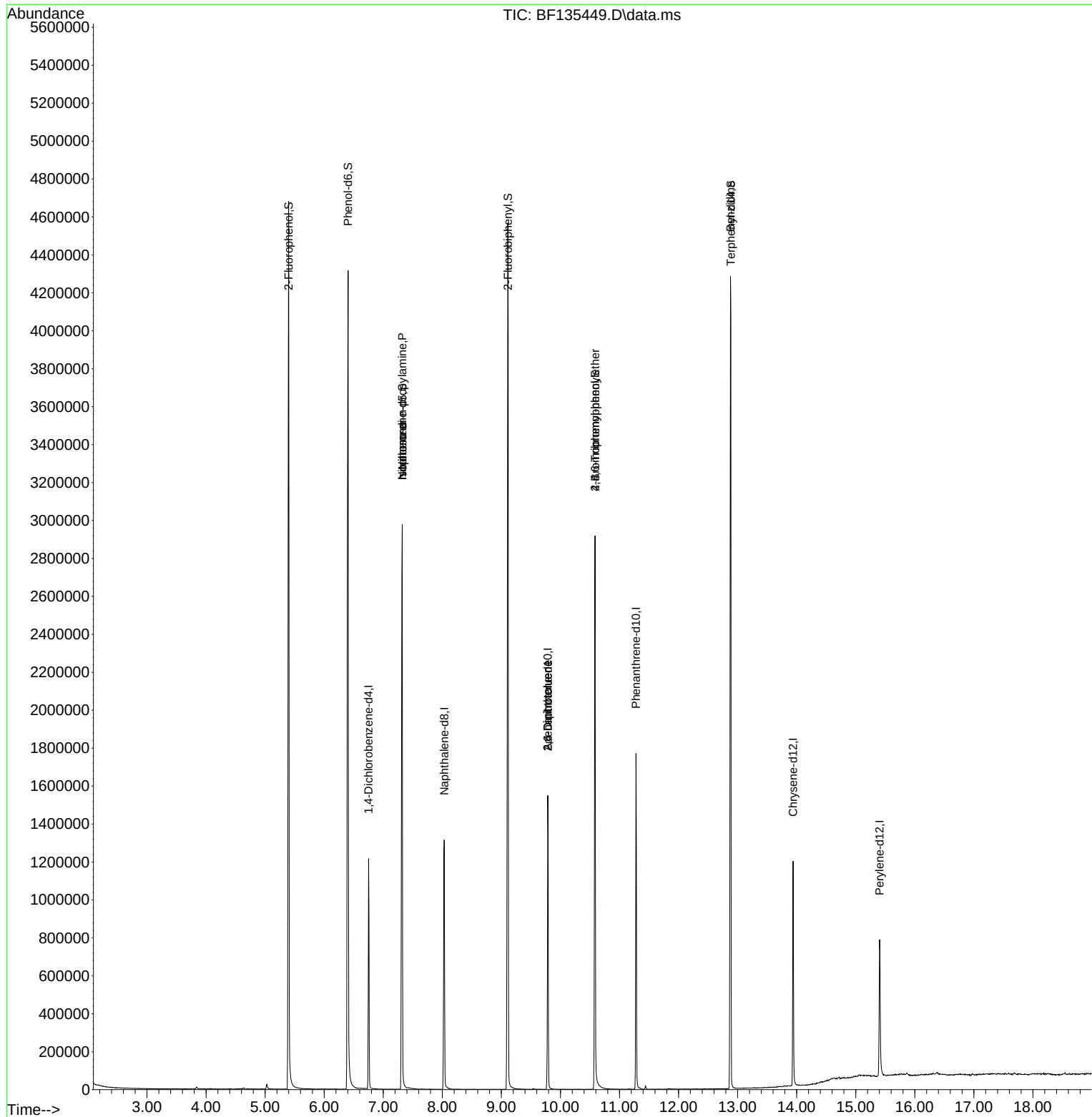
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	178221	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	684982	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	336228	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	637165	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	391425	20.000	ng	0.00
86) Perylene-d12	15.404	264	366772	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1366229	124.682	ng	0.02
7) Phenol-d6	6.404	99	1727716	123.999	ng	0.00
23) Nitrobenzene-d5	7.322	82	1116019	88.517	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	375819	112.477	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1824157	81.854	ng	0.00
79) Terphenyl-d14	12.886	244	1754641	69.490	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	147820	17.128	ng	# 79
25) Isophorone	7.322	82	1105319	47.743	ng	# 65
51) 2,6-Dinitrotoluene	9.786	165	41574	8.348	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	41574	6.668	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	23071	3.641	ng	# 1
77) Benzydine	12.880	184	22135	2.760	ng	# 92

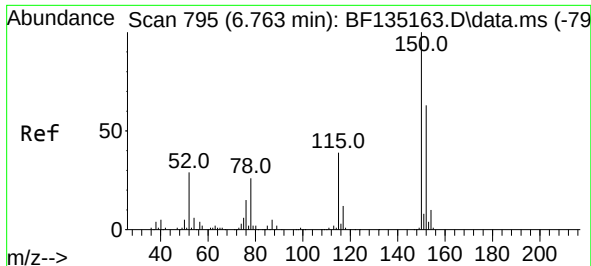
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration

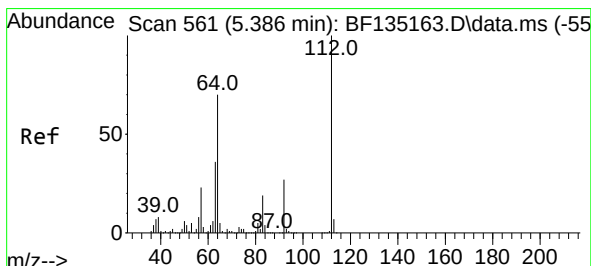
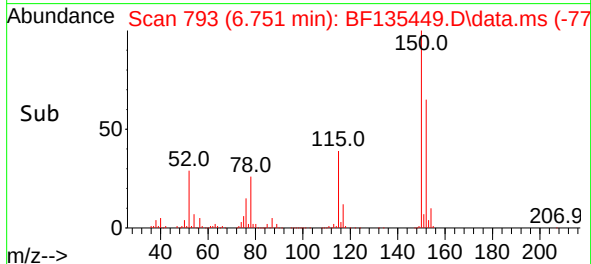
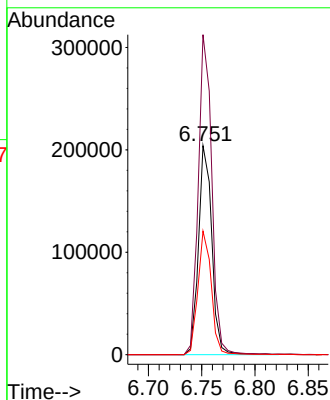
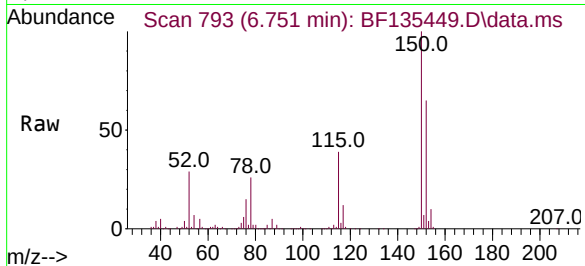




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.751 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135449.D
 Acq: 26 Sep 2023 13:14

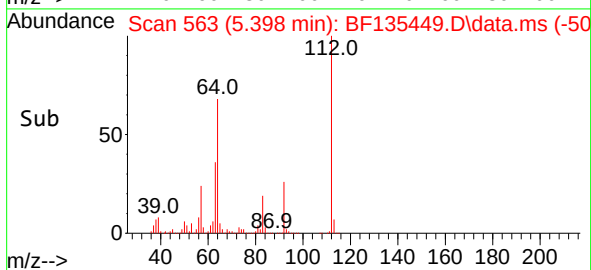
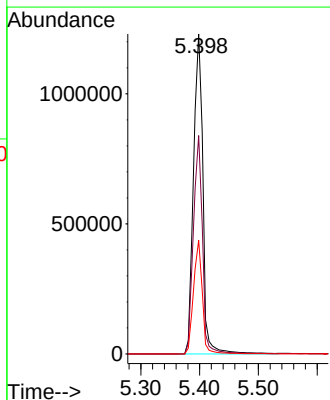
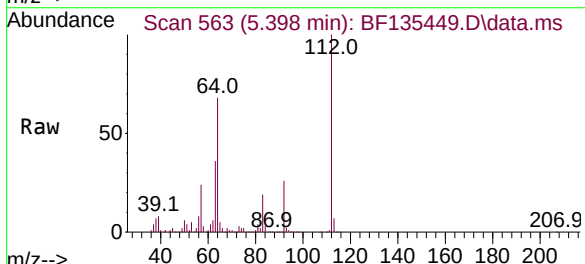
Instrument :
 BNA_F
 ClientSampleId :
 PB155781BL

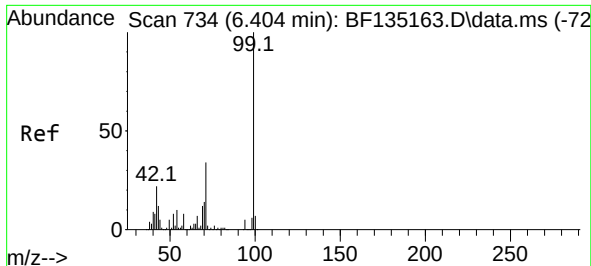
Tgt Ion:152 Resp: 178221
 Ion Ratio Lower Upper
 152 100
 150 153.1 127.8 191.6
 115 59.1 49.8 74.8



#5
 2-Fluorophenol
 Concen: 124.682 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.018 min
 Lab File: BF135449.D
 Acq: 26 Sep 2023 13:14

Tgt Ion:112 Resp: 1366229
 Ion Ratio Lower Upper
 112 100
 64 68.2 55.9 83.9
 63 35.6 29.0 43.6





#7
Phenol-d6
Concen: 123.999 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135449.D
Acq: 26 Sep 2023 13:14

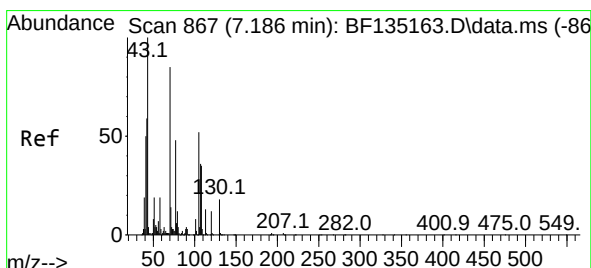
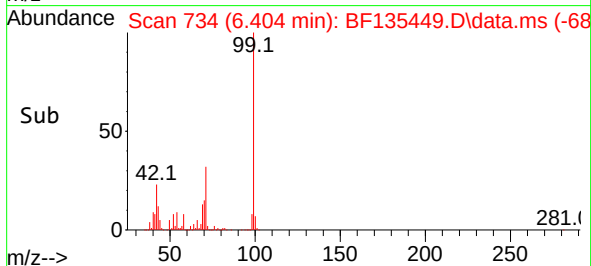
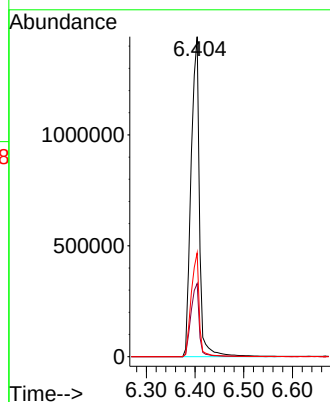
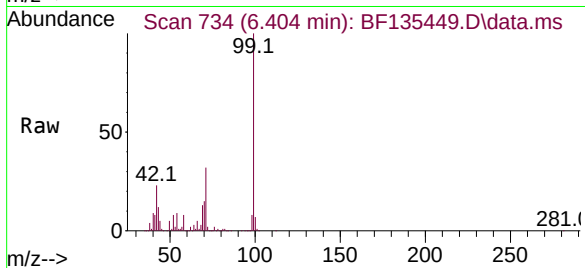
Instrument :

BNA_F

ClientSampleId :

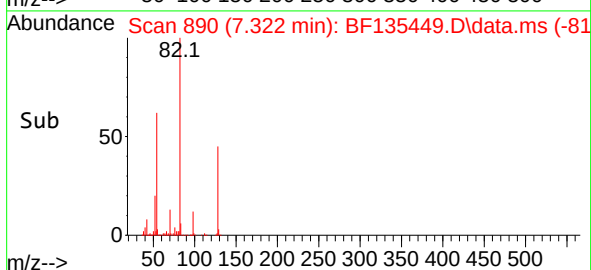
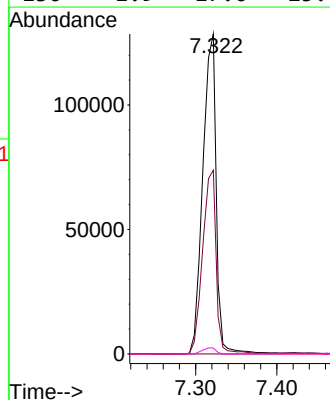
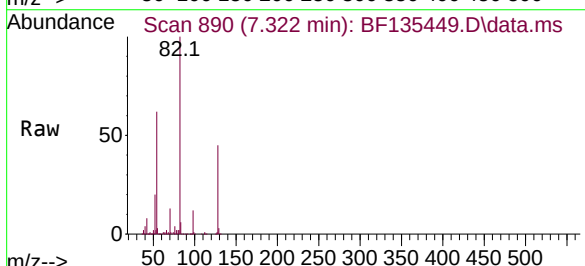
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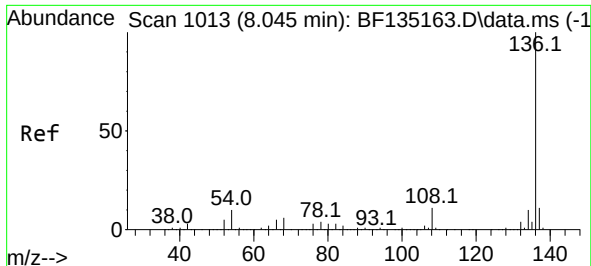
Tgt Ion: 99 Resp: 1727716
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 32.5 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.128 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF135449.D
Acq: 26 Sep 2023 13:14

Tgt Ion: 70 Resp: 147820
Ion Ratio Lower Upper
70 100
42 57.4 55.4 83.0
101 0.0 7.7 11.5#
130 1.9 17.0 25.6#

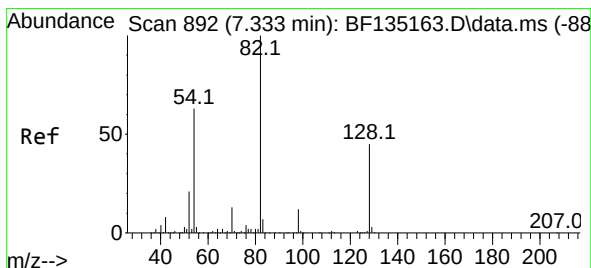
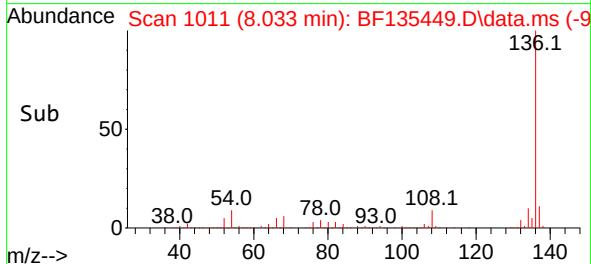
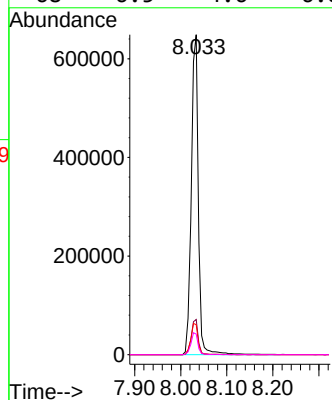
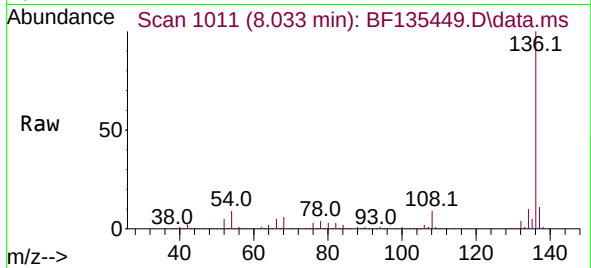




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135449.D
Acq: 26 Sep 2023 13:14

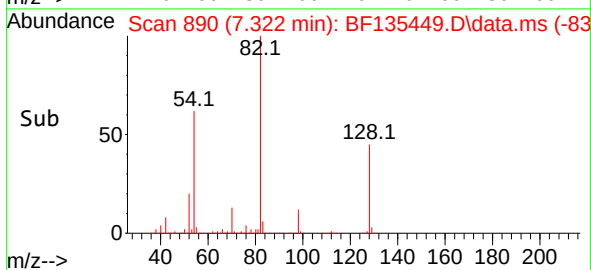
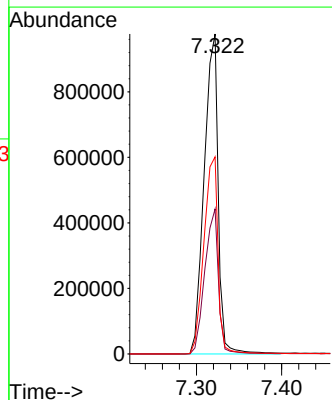
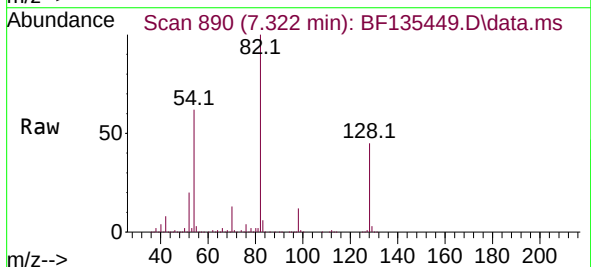
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BNA_F
ClientSampleId :
PB155781BL

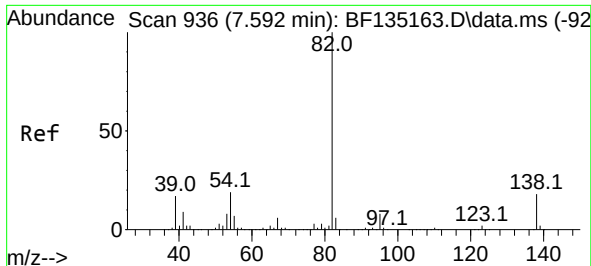
Tgt Ion:136 Resp: 684982
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.4 7.7 11.5
68 6.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 88.517 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF135449.D
Acq: 26 Sep 2023 13:14

Tgt Ion: 82 Resp: 1116019
Ion Ratio Lower Upper
82 100
128 45.3 35.8 53.6
54 61.6 50.6 76.0

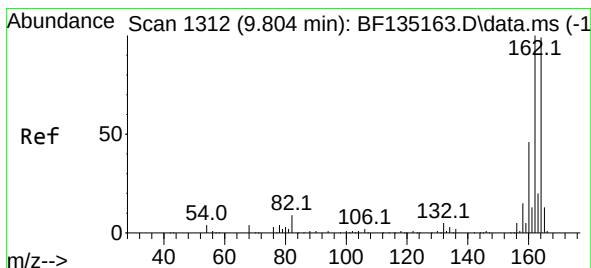
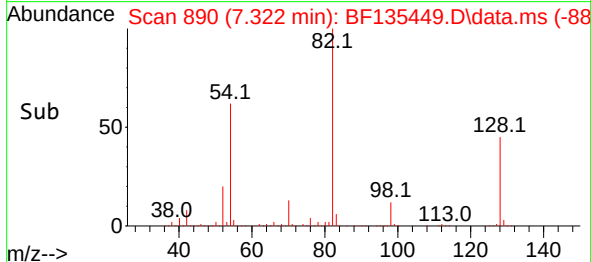
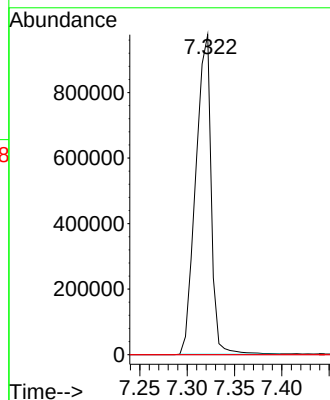
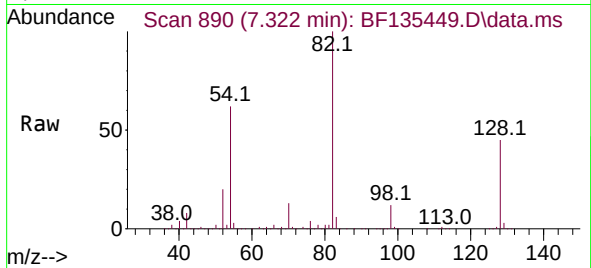




#25
Isophorone
Concen: 47.743 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF135449.D
Acq: 26 Sep 2023 13:14

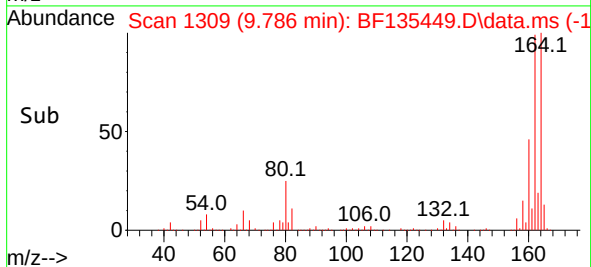
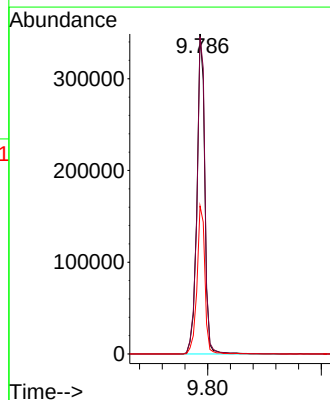
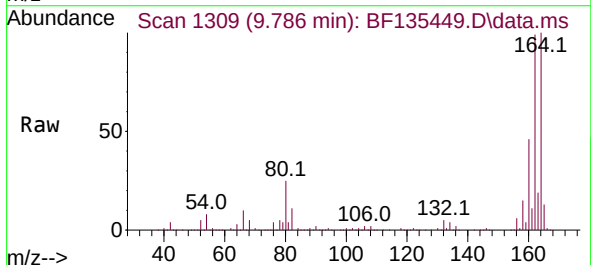
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ClientSampleId :
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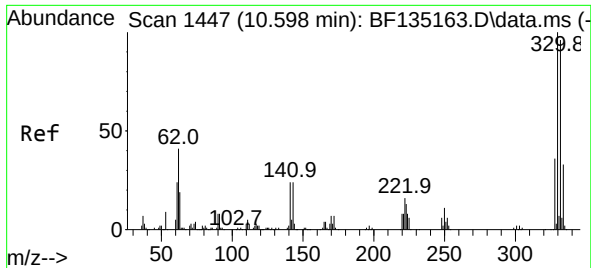
Tgt Ion: 82 Resp: 1105319
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135449.D
Acq: 26 Sep 2023 13:14

Tgt Ion: 164 Resp: 336228
Ion Ratio Lower Upper
164 100
162 99.2 81.0 121.4
160 46.2 37.0 55.4

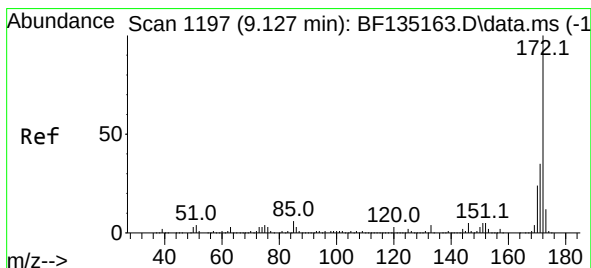
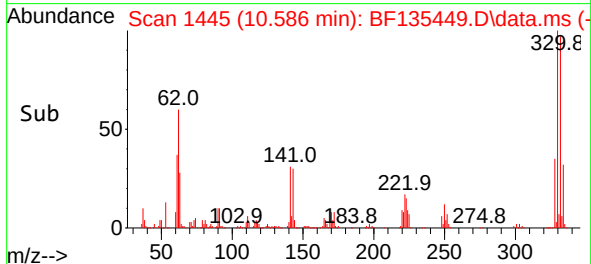
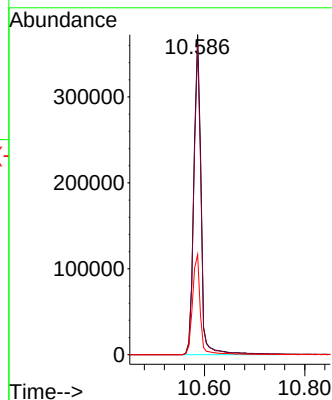
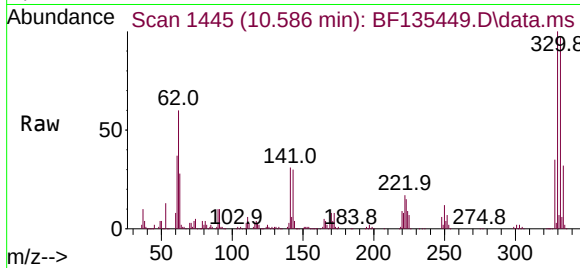




#42
 2,4,6-Tribromophenol
 Concen: 112.477 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.000 min
 Lab File: BF135449.D
 Acq: 26 Sep 2023 13:14

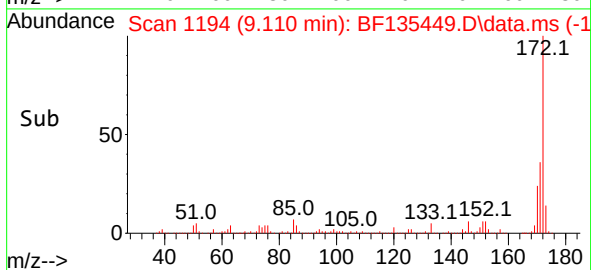
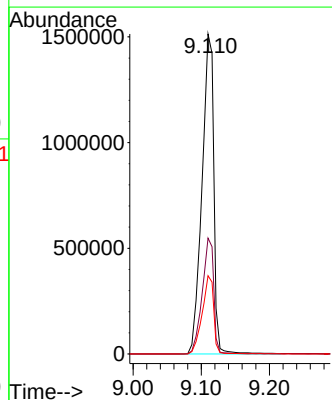
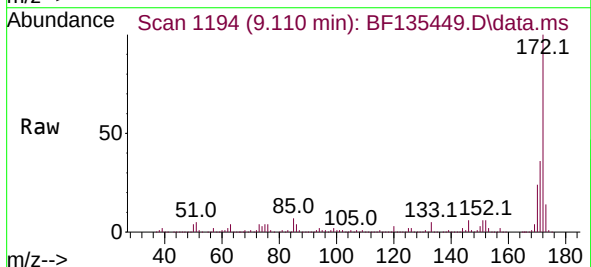
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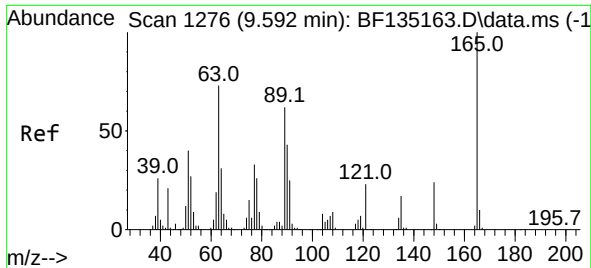
Tgt Ion:330 Resp: 375819
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 33.5 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 81.854 ng
 RT: 9.110 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: BF135449.D
 Acq: 26 Sep 2023 13:14

Tgt Ion:172 Resp: 1824157
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.4 42.6
 170 24.5 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.348 ng

RT: 9.786 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF135449.D

Acq: 26 Sep 2023 13:14

Instrument :

BNA_F

ClientSampleId :

PB155781BL

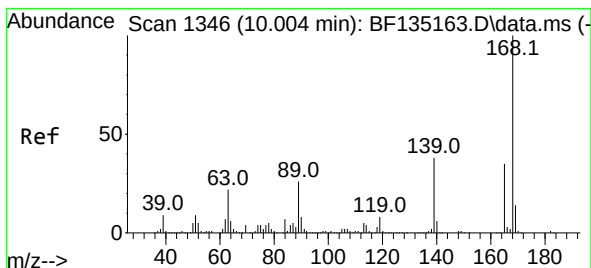
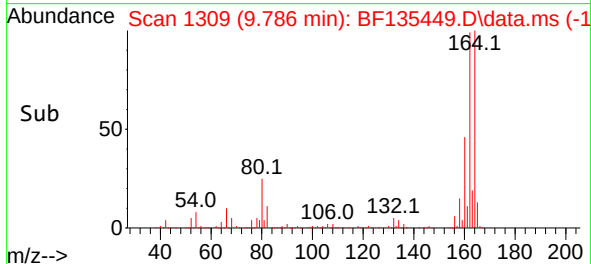
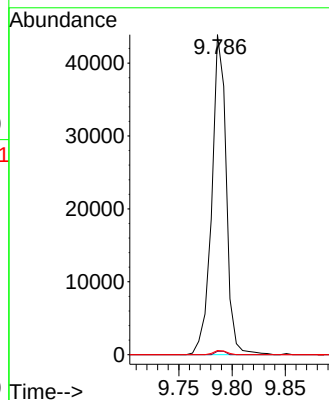
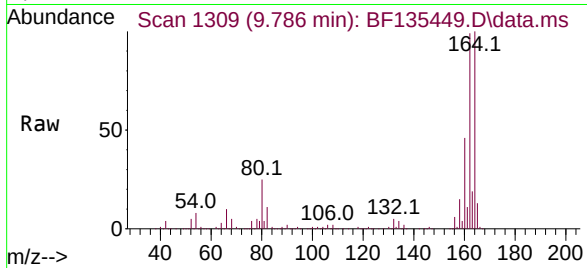
Tgt Ion:165 Resp: 41574

Ion Ratio Lower Upper

165 100

63 1.0 59.4 89.2#

89 1.3 49.8 74.8#



#57

2,4-Dinitrotoluene

Concen: 6.668 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.212 min

Lab File: BF135449.D

Acq: 26 Sep 2023 13:14

Tgt Ion:165 Resp: 41574

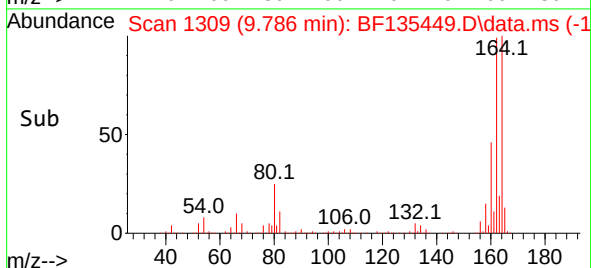
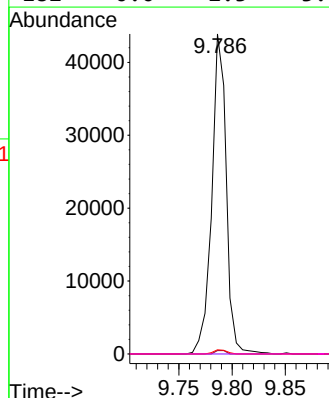
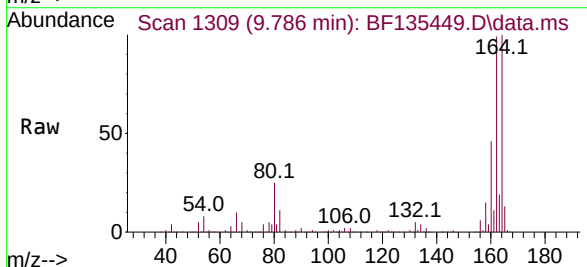
Ion Ratio Lower Upper

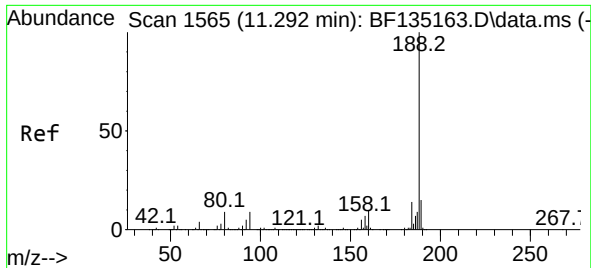
165 100

63 1.0 50.1 75.1#

89 1.3 59.3 88.9#

182 0.0 2.3 3.5#

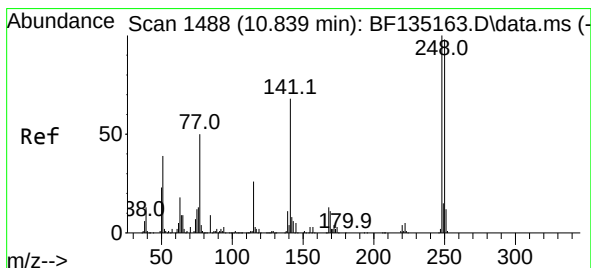
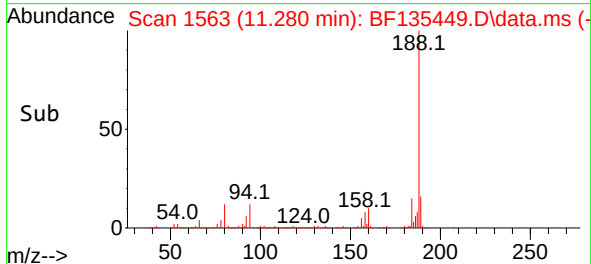
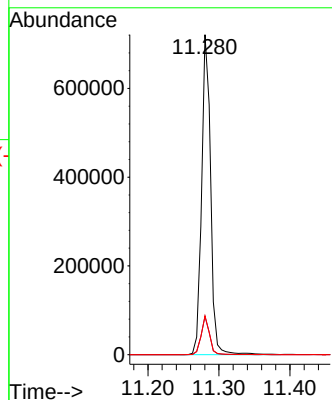
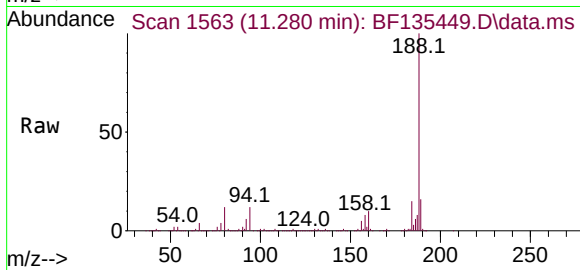




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135449.D
Acq: 26 Sep 2023 13:14

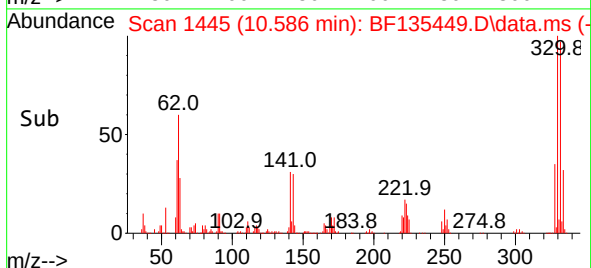
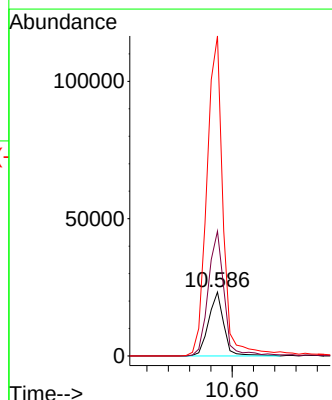
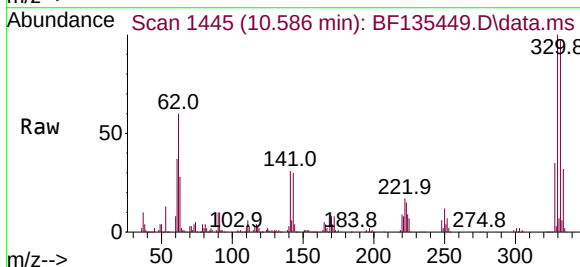
Instrument :
BNA_F
ClientSampleId :
PB155781BL

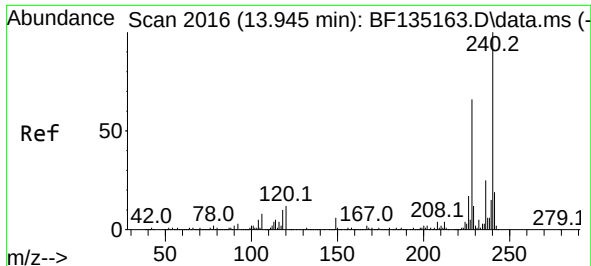
Tgt Ion:188 Resp: 637165
Ion Ratio Lower Upper
188 100
94 12.0 7.0 10.6#
80 12.1 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.641 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.241 min
Lab File: BF135449.D
Acq: 26 Sep 2023 13:14

Tgt Ion:248 Resp: 23071
Ion Ratio Lower Upper
248 100
250 195.2 78.6 117.8#
141 500.8 54.2 81.2#

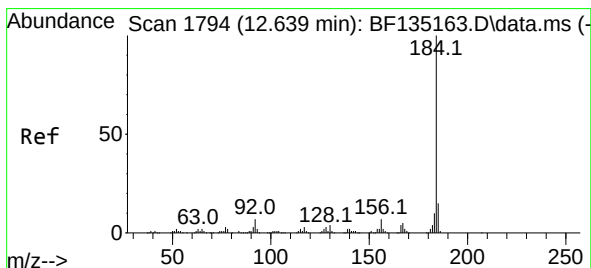
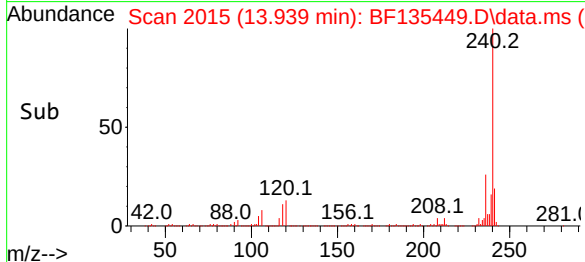
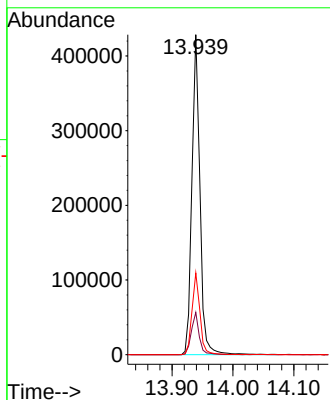
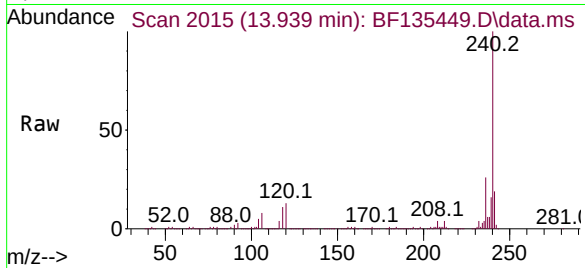




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF135449.D
Acq: 26 Sep 2023 13:14

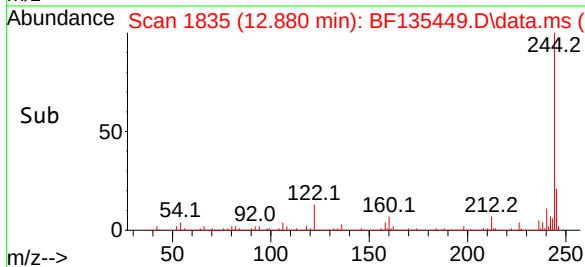
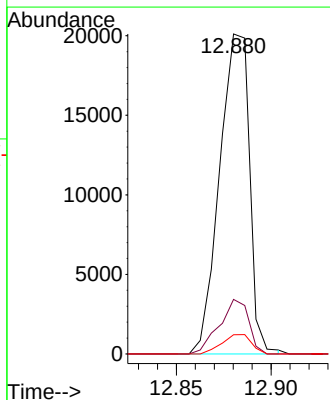
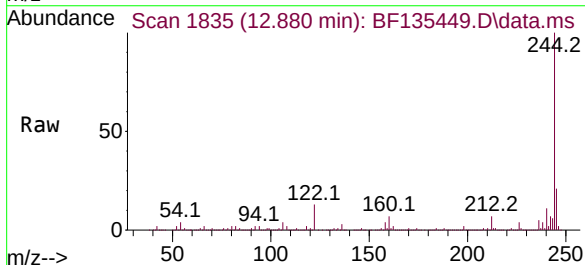
Instrument :
BNA_F
ClientSampleId :
PB155781BL

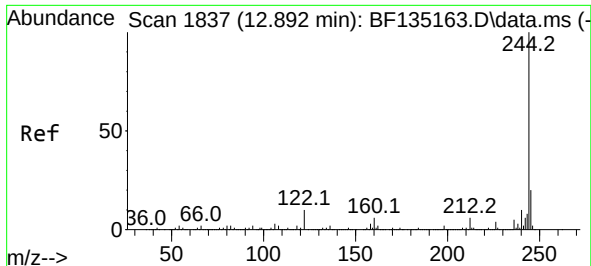
Tgt Ion:240 Resp: 391425
Ion Ratio Lower Upper
240 100
120 13.2 9.4 14.2
236 25.6 19.8 29.8



#77
Benzidine
Concen: 2.760 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF135449.D
Acq: 26 Sep 2023 13:14

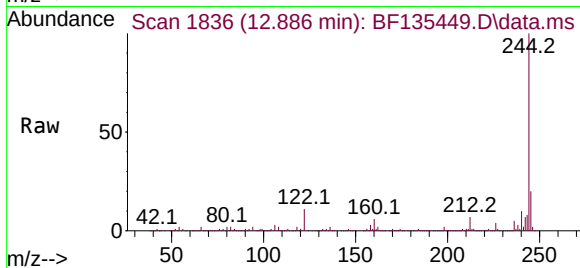
Tgt Ion:184 Resp: 22135
Ion Ratio Lower Upper
184 100
185 17.1 11.7 17.5
183 6.0 8.2 12.4#





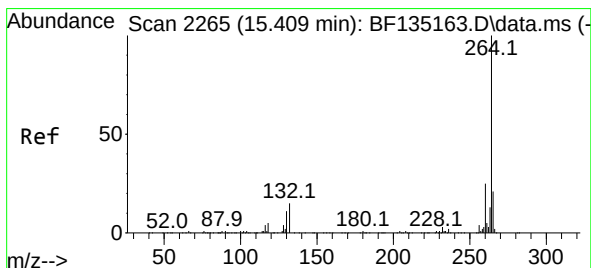
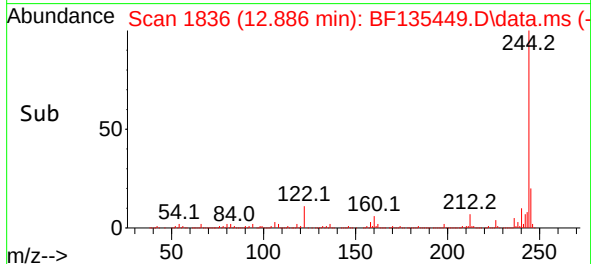
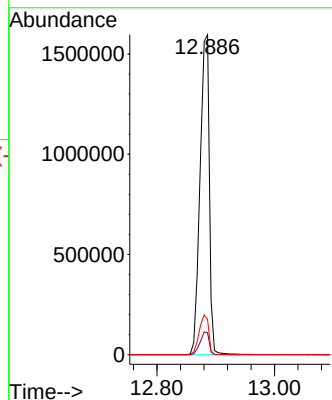
#79
 Terphenyl-d14
 Concen: 69.490 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. 0.006 min
 Lab File: BF135449.D
 Acq: 26 Sep 2023 13:14

Instrument :
 BNA_F
 ClientSampleId :
 PB155781BL



Tgt Ion:244 Resp: 1754641

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.1	7.7
122	11.0	7.9	11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.000 min
 Lab File: BF135449.D
 Acq: 26 Sep 2023 13:14

Tgt Ion:264 Resp: 366772

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.6
265	21.2	17.0	25.4

