

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135556.D
 Acq On : 03 Oct 2023 22:54
 Operator : CG\JU
 Sample : 04627-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-11

Quant Time: Oct 04 07:14:11 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 06:58:43 2023
 Response via : Initial Calibration

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

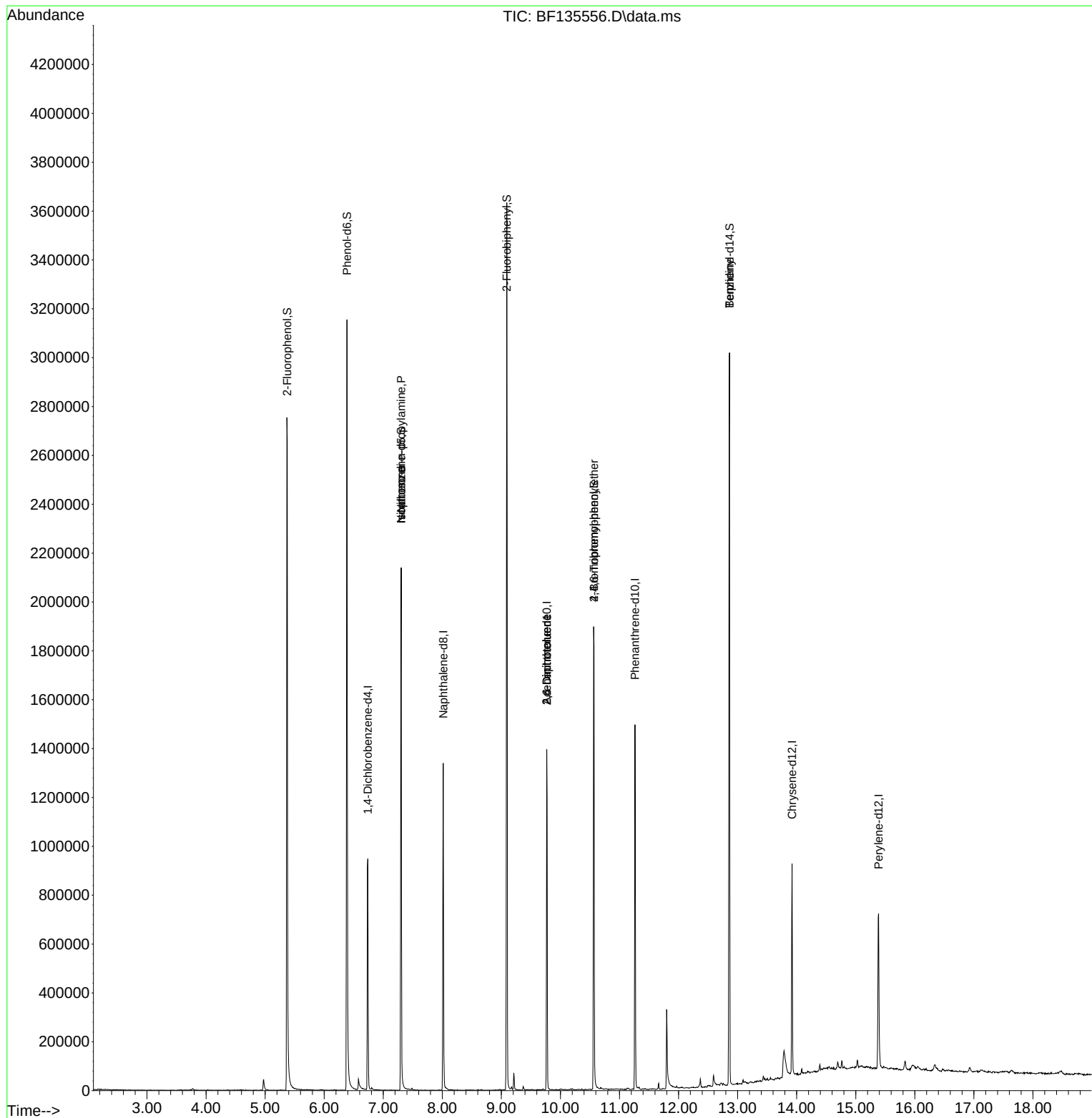
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	146484	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	563132	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	281020	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	532744	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	283885	20.000	ng	0.00
86) Perylene-d12	15.386	264	304860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	825937	91.706	ng	0.00
7) Phenol-d6	6.387	99	1034925	90.370	ng	0.00
23) Nitrobenzene-d5	7.304	82	638437	61.595	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	231241	82.803	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1114847	59.853	ng	0.00
79) Terphenyl-d14	12.863	244	1079639	58.955	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	83111	11.717	ng	# 80
25) Isophorone	7.304	82	638429	33.543	ng	# 65
51) 2,6-Dinitrotoluene	9.769	165	35733	8.585	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	35733	6.858	ng	# 19
67) 4-Bromophenyl-phenylether	10.569	248	14266	2.692	ng	# 1
77) Benzidine	12.863	184	13262	2.280	ng	# 95

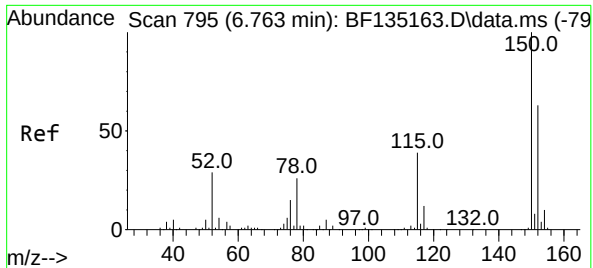
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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280-300FB-BACKFILL-11

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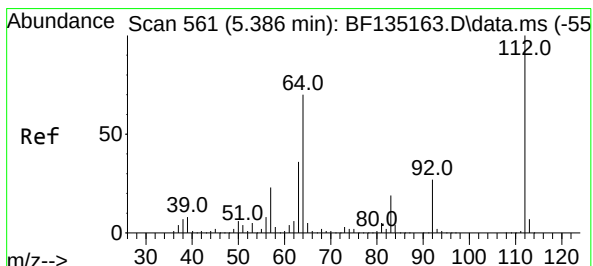
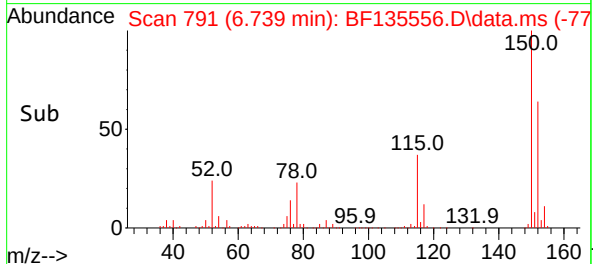
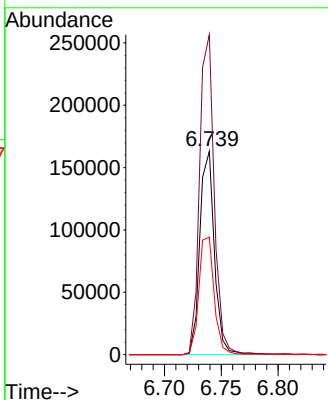
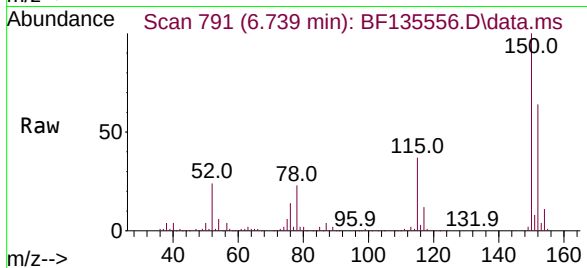




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135556.D
Acq: 03 Oct 2023 22:54

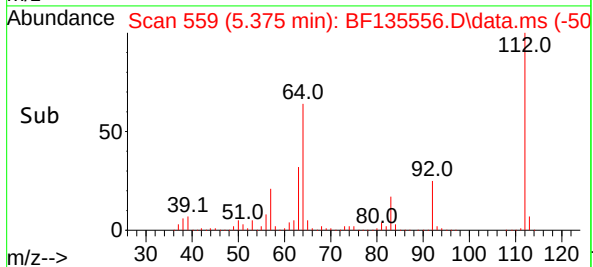
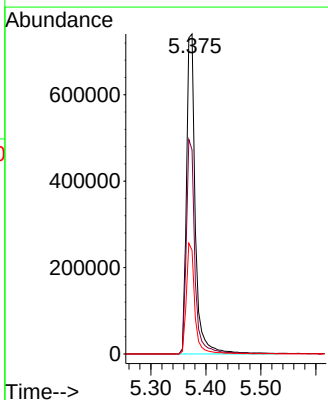
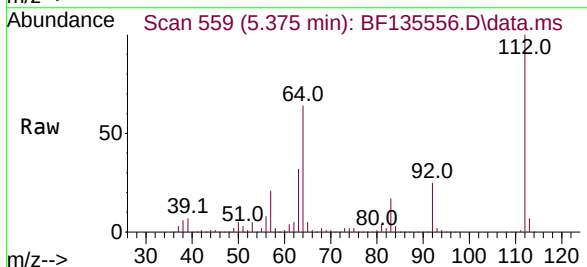
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-11

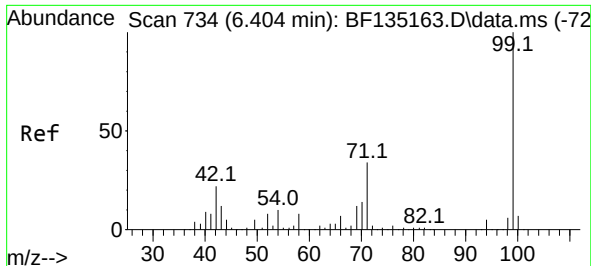
Tgt Ion:152 Resp: 146484
Ion Ratio Lower Upper
152 100
150 157.3 127.8 191.6
115 57.8 49.8 74.8



#5
2-Fluorophenol
Concen: 91.706 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135556.D
Acq: 03 Oct 2023 22:54

Tgt Ion:112 Resp: 825937
Ion Ratio Lower Upper
112 100
64 63.8 55.9 83.9
63 32.4 29.0 43.6

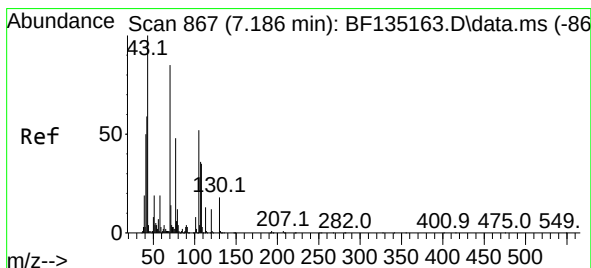
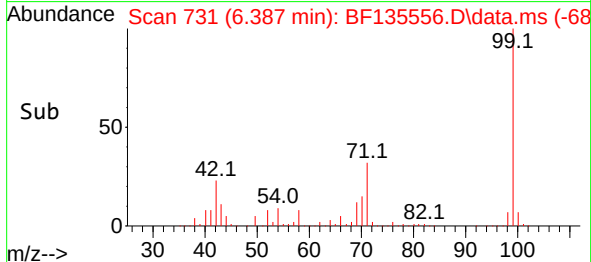
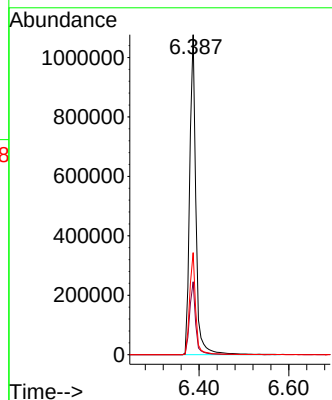
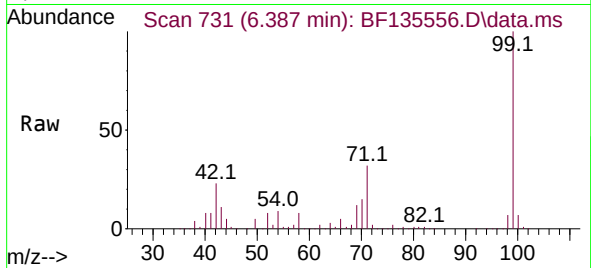




#7
Phenol-d6
Concen: 90.370 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135556.D
Acq: 03 Oct 2023 22:54

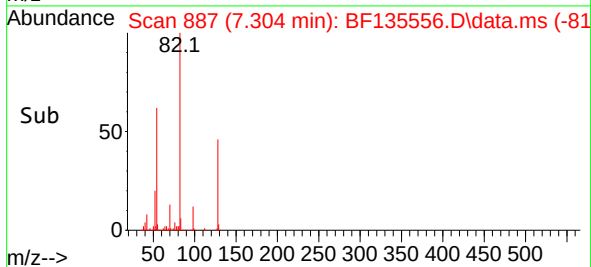
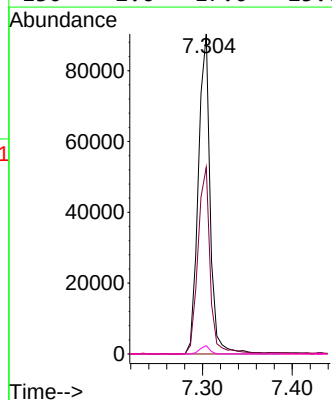
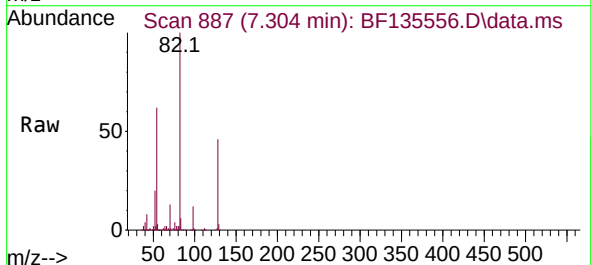
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-11

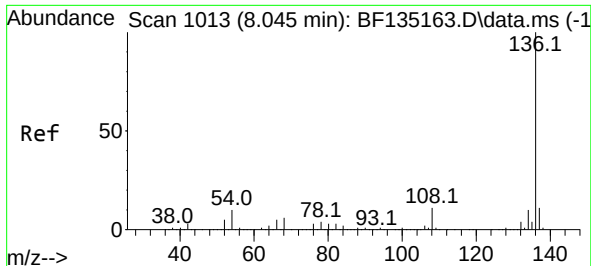
Tgt Ion: 99 Resp: 1034925
Ion Ratio Lower Upper
99 100
42 22.8 17.9 26.9
71 31.9 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.717 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135556.D
Acq: 03 Oct 2023 22:54

Tgt Ion: 70 Resp: 83111
Ion Ratio Lower Upper
70 100
42 58.4 55.4 83.0
101 0.0 7.7 11.5#
130 2.6 17.0 25.6#

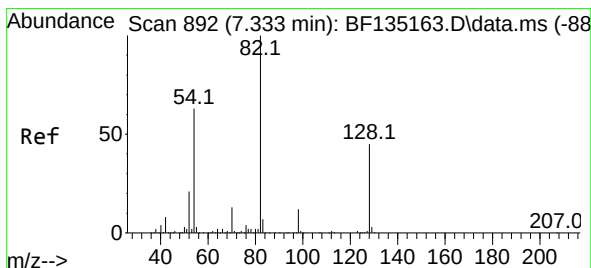
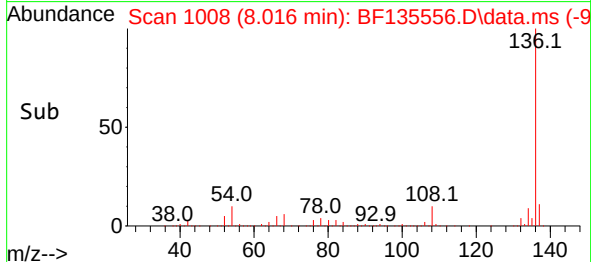
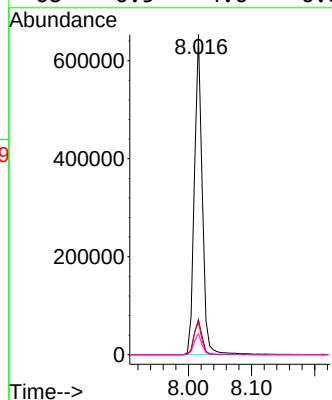
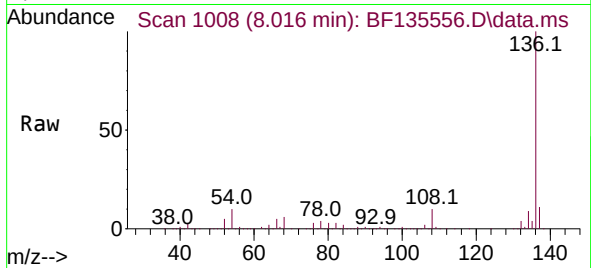




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135556.D
Acq: 03 Oct 2023 22:54

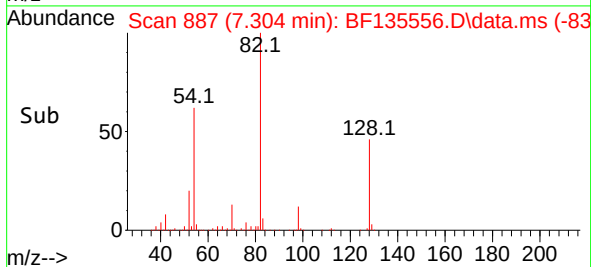
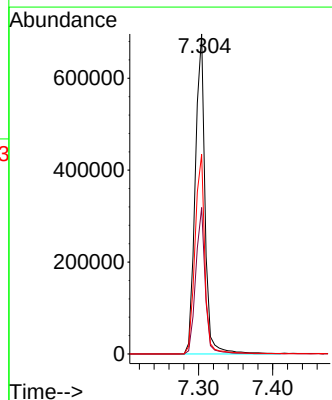
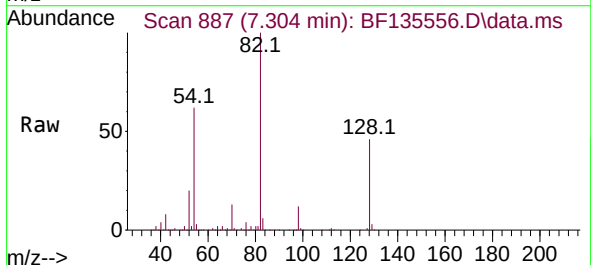
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-11

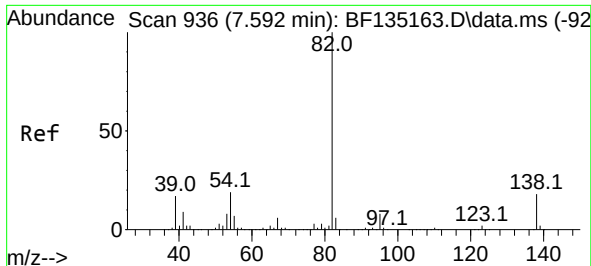
Tgt Ion:	136	Resp:	563132
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.1	7.7	11.5
68	6.5	4.6	6.8



#23
Nitrobenzene-d5
Concen: 61.595 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135556.D
Acq: 03 Oct 2023 22:54

Tgt Ion:	82	Resp:	638437
Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.8	53.6
54	62.3	50.6	76.0

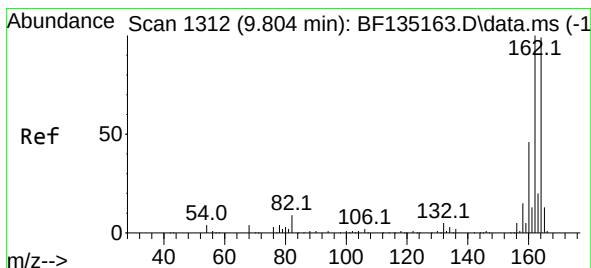
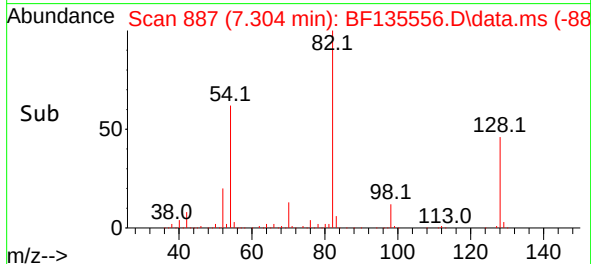
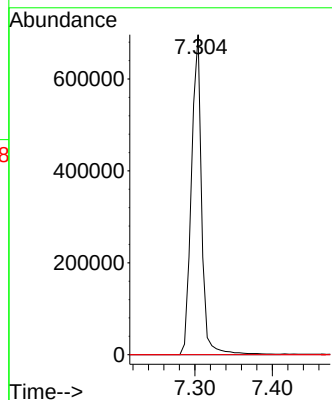
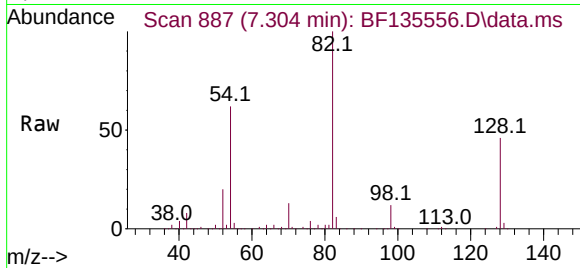




#25
Isophorone
Concen: 33.543 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135556.D
Acq: 03 Oct 2023 22:54

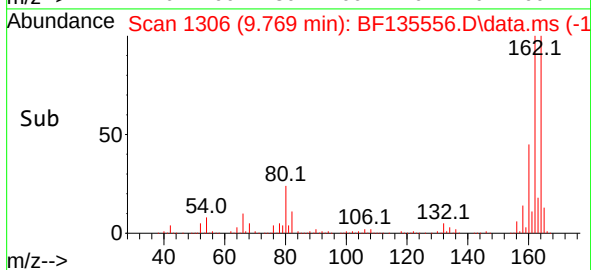
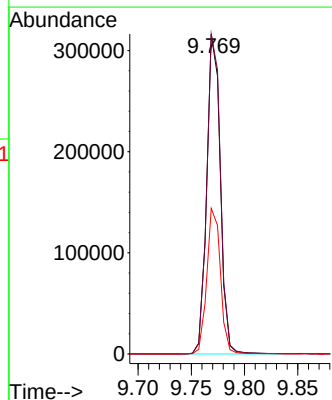
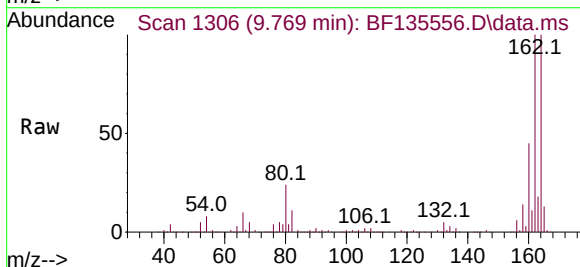
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-11

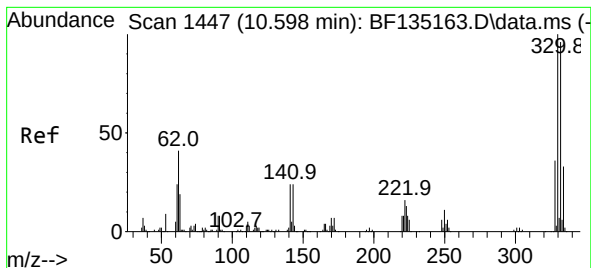
Tgt Ion: 82 Resp: 638429
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF135556.D
Acq: 03 Oct 2023 22:54

Tgt Ion:164 Resp: 281020
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 45.6 37.0 55.4

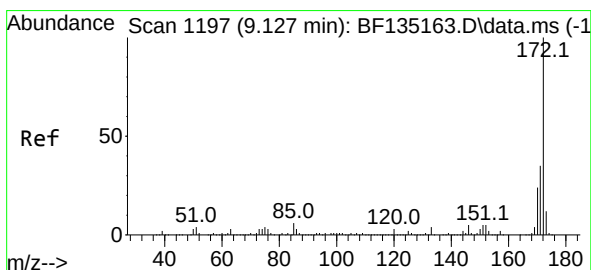
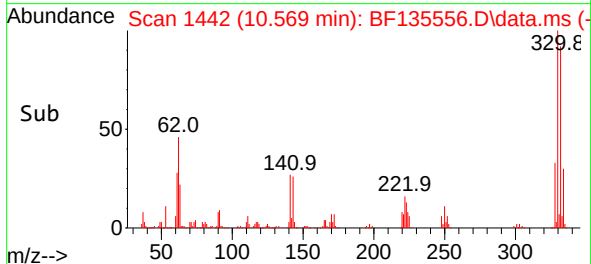
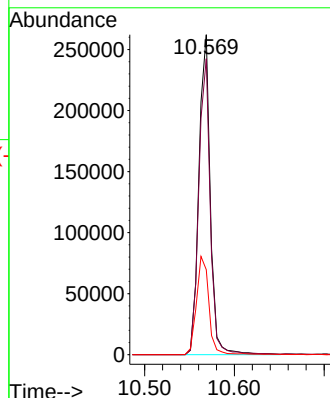
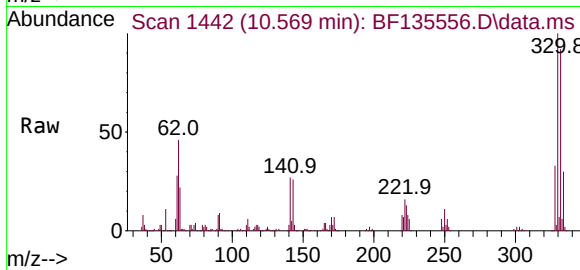




#42
2,4,6-Tribromophenol
Concen: 82.803 ng
RT: 10.569 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135556.D
Acq: 03 Oct 2023 22:54

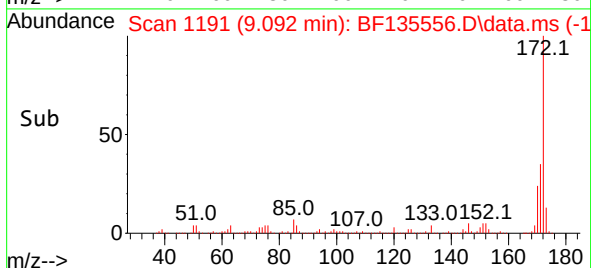
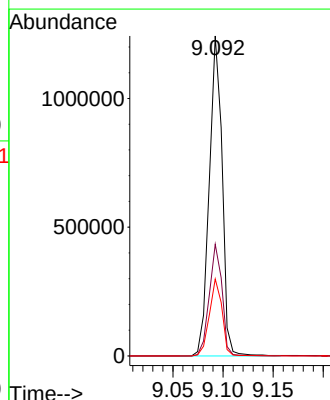
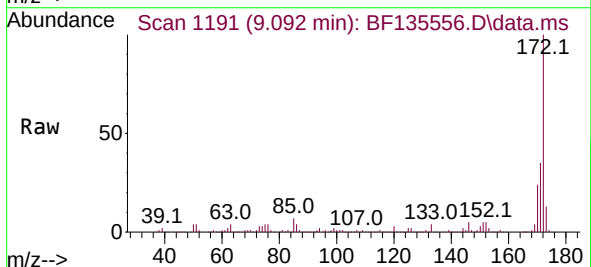
Instrument :
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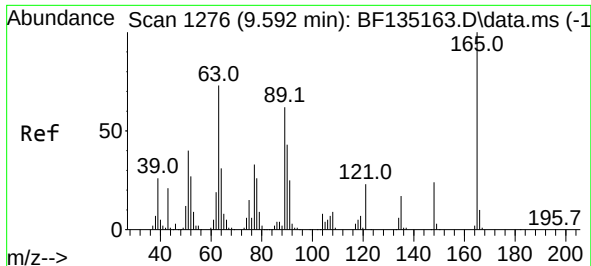
Tgt Ion:330 Resp: 231241
Ion Ratio Lower Upper
330 100
332 93.6 77.3 115.9
141 33.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 59.853 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135556.D
Acq: 03 Oct 2023 22:54

Tgt Ion:172 Resp: 1114847
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 24.0 19.0 28.4

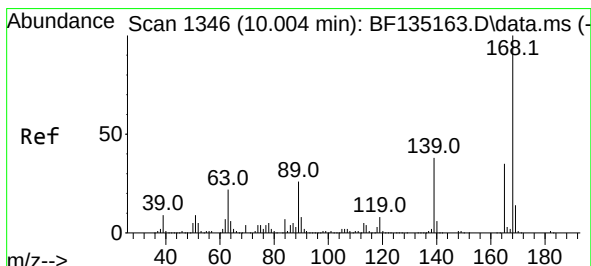
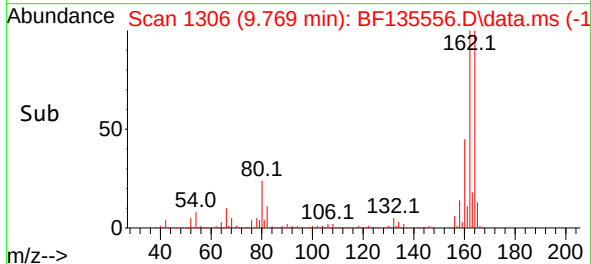
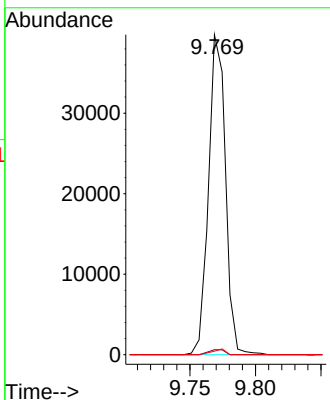
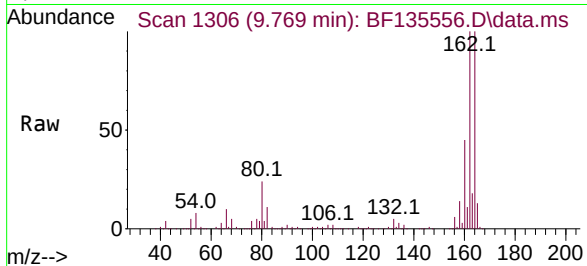




#51
2,6-Dinitrotoluene
Concen: 8.585 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135556.D
Acq: 03 Oct 2023 22:54

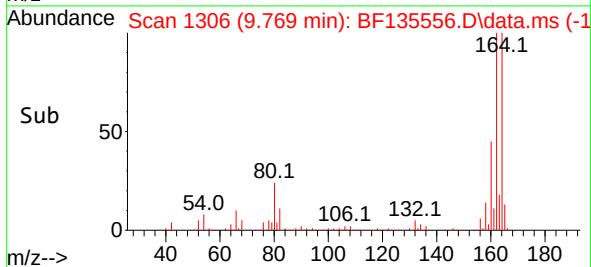
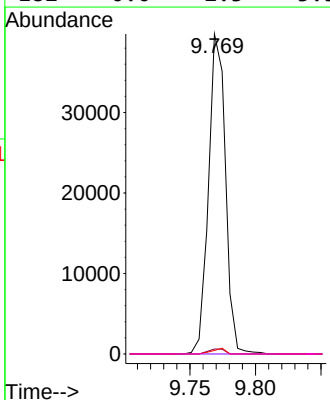
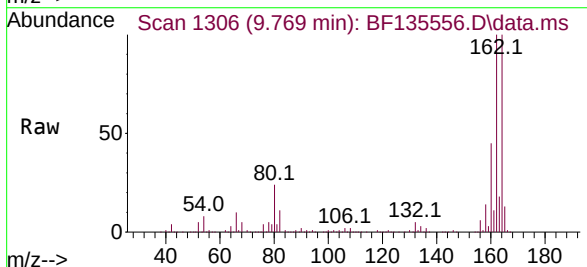
Instrument :
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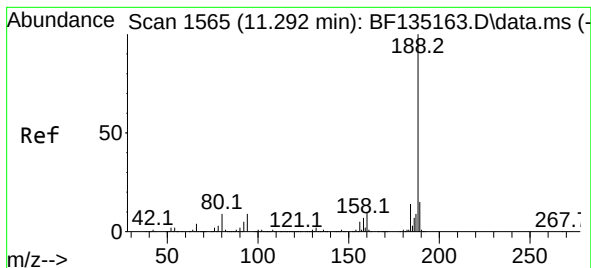
Tgt Ion:165 Resp: 35733
Ion Ratio Lower Upper
165 100
63 1.6 59.4 89.2#
89 1.1 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.858 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.212 min
Lab File: BF135556.D
Acq: 03 Oct 2023 22:54

Tgt Ion:165 Resp: 35733
Ion Ratio Lower Upper
165 100
63 1.6 50.1 75.1#
89 1.1 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135556.D

Acq: 03 Oct 2023 22:54

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-11

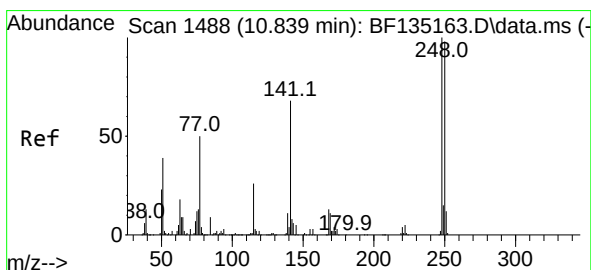
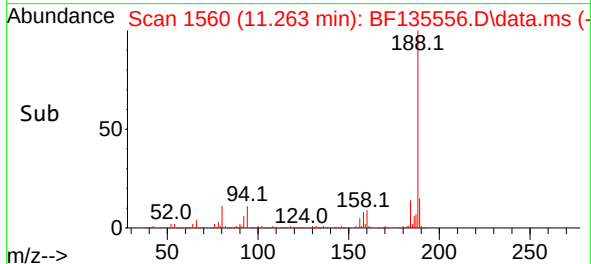
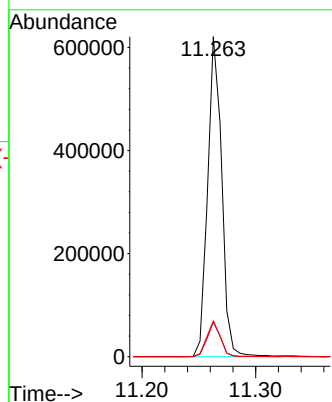
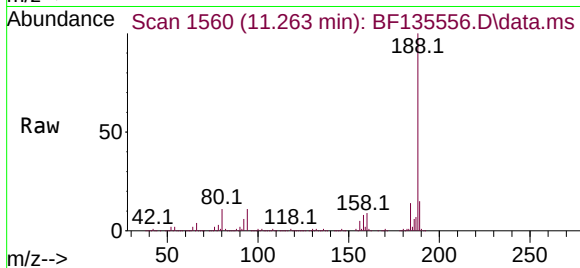
Tgt Ion:188 Resp: 532744

Ion Ratio Lower Upper

188 100

94 10.8 7.0 10.6#

80 11.2 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 2.692 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.241 min

Lab File: BF135556.D

Acq: 03 Oct 2023 22:54

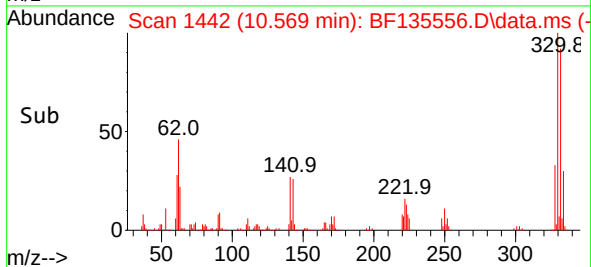
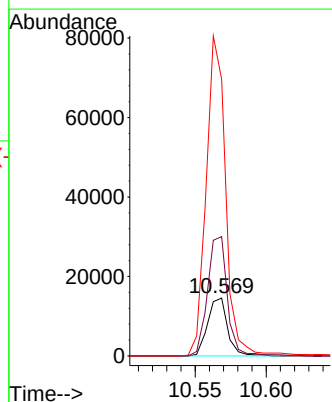
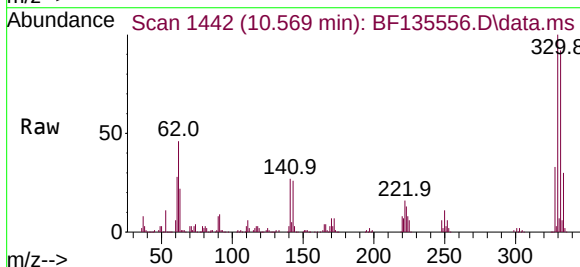
Tgt Ion:248 Resp: 14266

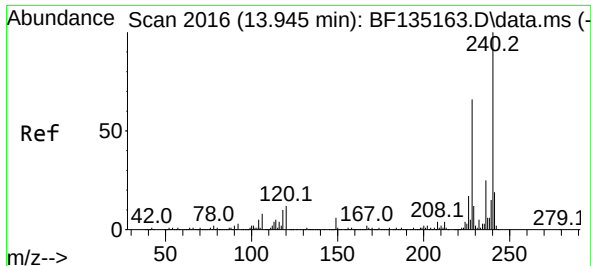
Ion Ratio Lower Upper

248 100

250 205.9 78.6 117.8#

141 477.6 54.2 81.2#

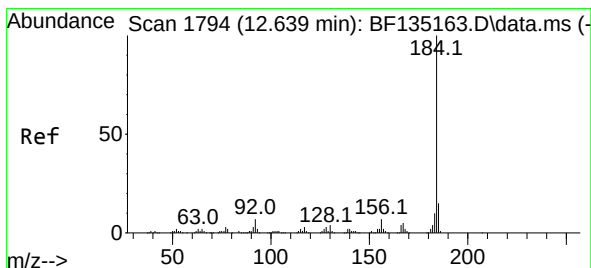
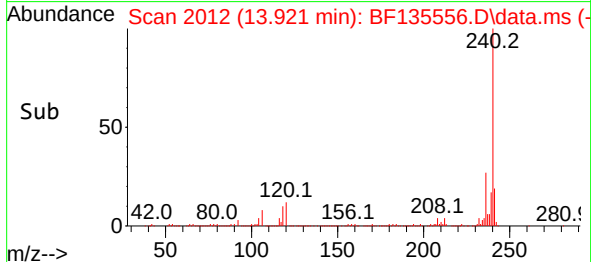
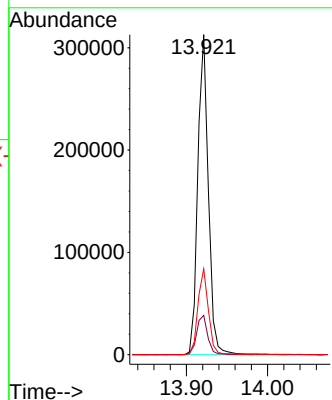
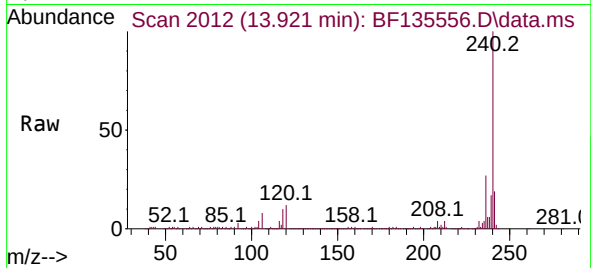




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135556.D
Acq: 03 Oct 2023 22:54

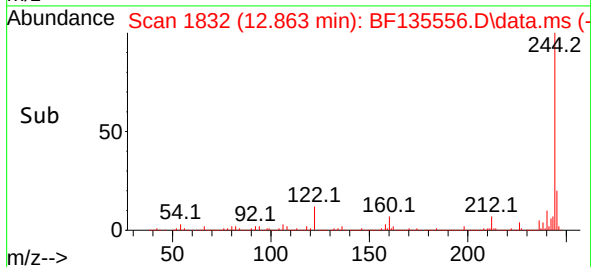
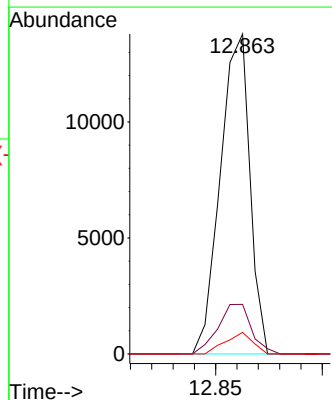
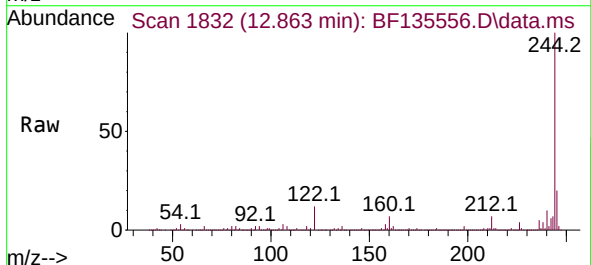
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-11

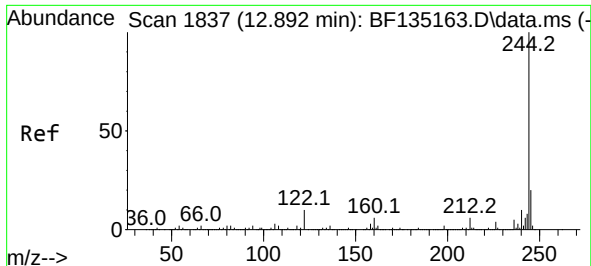
Tgt Ion:240 Resp: 283885
Ion Ratio Lower Upper
240 100
120 12.3 9.4 14.2
236 26.8 19.8 29.8



#77
Benzidine
Concen: 2.280 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.247 min
Lab File: BF135556.D
Acq: 03 Oct 2023 22:54

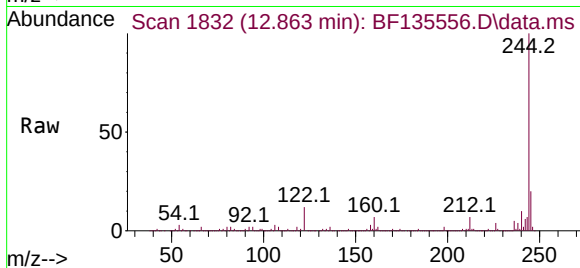
Tgt Ion:184 Resp: 13262
Ion Ratio Lower Upper
184 100
185 15.5 11.7 17.5
183 6.7 8.2 12.4





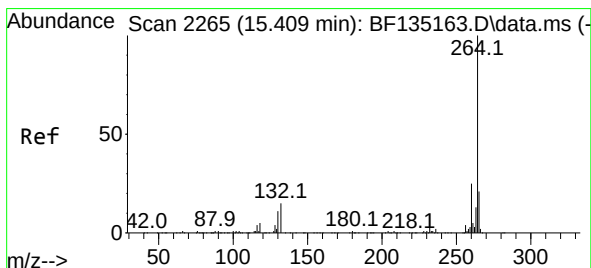
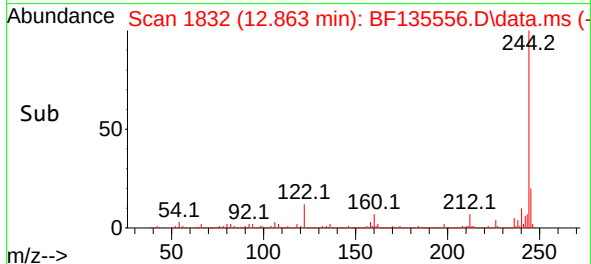
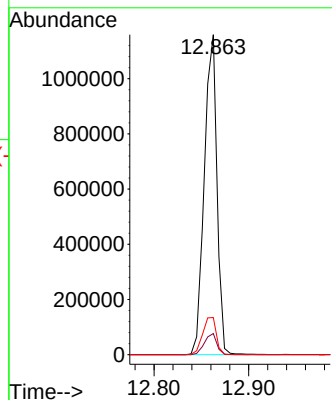
#79
 Terphenyl-d14
 Concen: 58.955 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF135556.D
 Acq: 03 Oct 2023 22:54

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-11



Tgt Ion:244 Resp: 1079639

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.1	7.7
122	11.6	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: BF135556.D
 Acq: 03 Oct 2023 22:54

Tgt Ion:264 Resp: 304860

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	22.0	17.0	25.4

