

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135656.D
 Acq On : 09 Oct 2023 17:54
 Operator : CG\JU
 Sample : PB156053BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156053BL

Quant Time: Oct 10 02:19:09 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 17:06:20 2023
 Response via : Initial Calibration

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

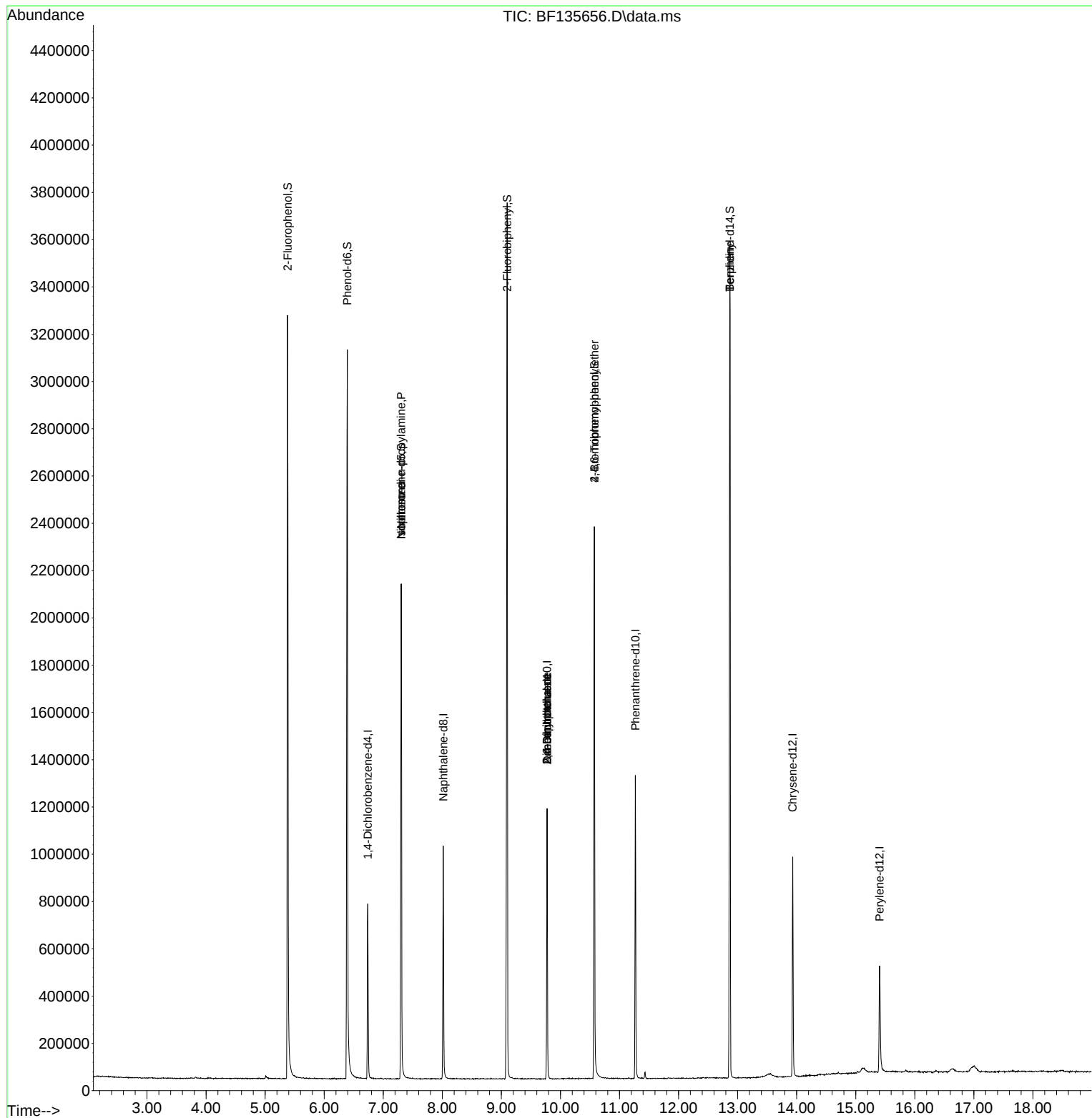
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	118182	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	460317	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	231272	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	477440	20.000	ng	0.00
76) Chrysene-d12	13.933	240	324259	20.000	ng	0.00
86) Perylene-d12	15.404	264	245911	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	926226	127.469	ng	0.01
7) Phenol-d6	6.392	99	1161950	125.759	ng	0.00
23) Nitrobenzene-d5	7.304	82	737256	87.015	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	298050	129.684	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1297493	84.643	ng	0.00
79) Terphenyl-d14	12.868	244	1475351	70.532	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	97557	17.047	ng	# 82
25) Isophorone	7.304	82	737249	47.387	ng	# 65
50) Dimethylphthalate	9.774	163	44274	2.831	ng	# 1
51) 2,6-Dinitrotoluene	9.774	165	28814	8.412	ng	# 17
57) 2,4-Dinitrotoluene	9.774	165	28814	6.719	ng	# 18
67) 4-Bromophenyl-phenylether	10.574	248	18143	3.821	ng	# 1
77) Benzidine	12.868	184	18844	2.837	ng	# 93

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

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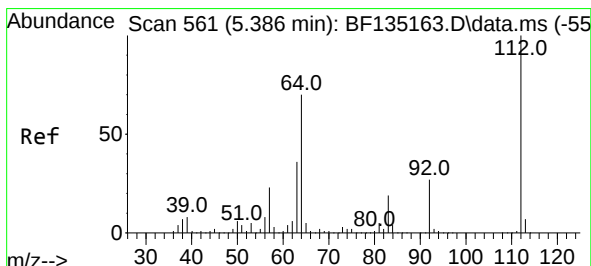
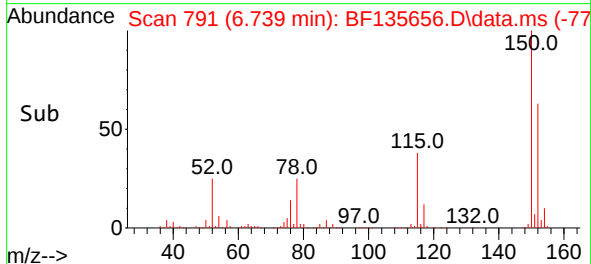
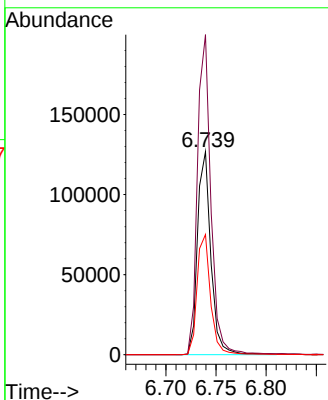
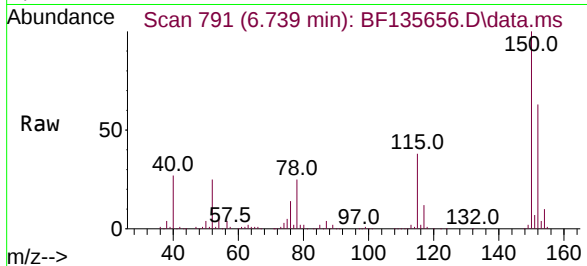




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

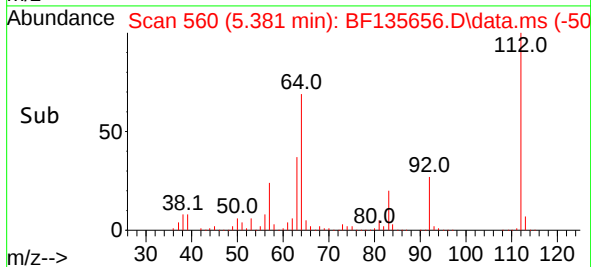
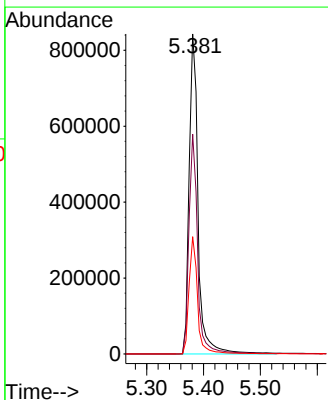
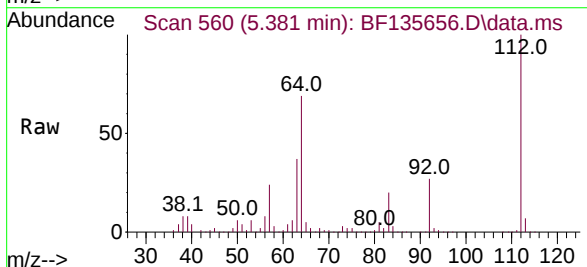
Instrument :
BNA_F
ClientSampleId :
PB156053BL

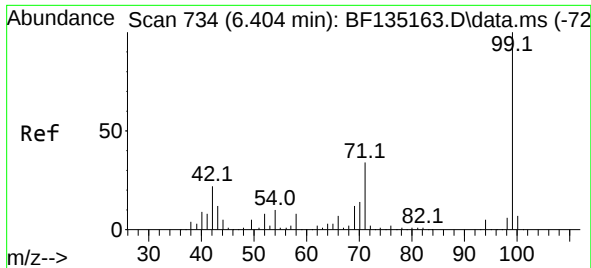
Tgt Ion:152 Resp: 118182
Ion Ratio Lower Upper
152 100
150 157.6 127.8 191.6
115 59.2 49.8 74.8



#5
2-Fluorophenol
Concen: 127.469 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

Tgt Ion:112 Resp: 926226
Ion Ratio Lower Upper
112 100
64 68.7 55.9 83.9
63 36.7 29.0 43.6

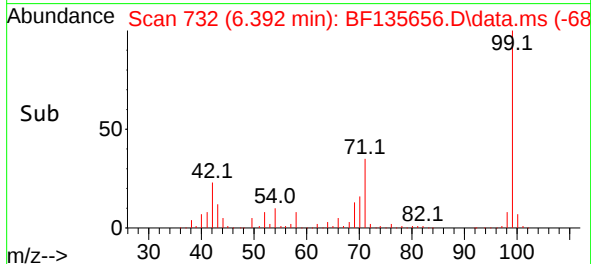
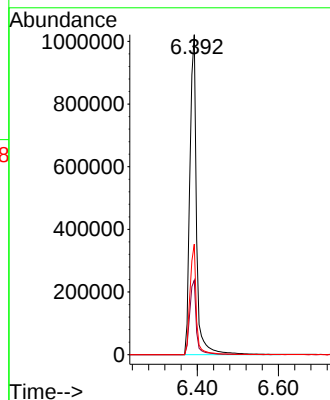
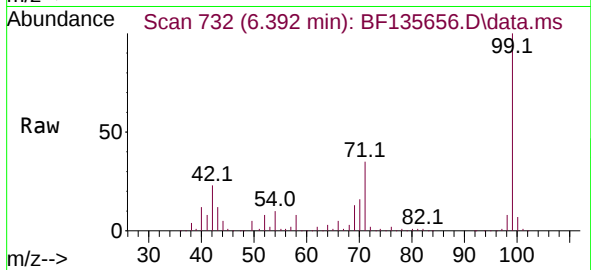




#7
Phenol-d6
Concen: 125.759 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

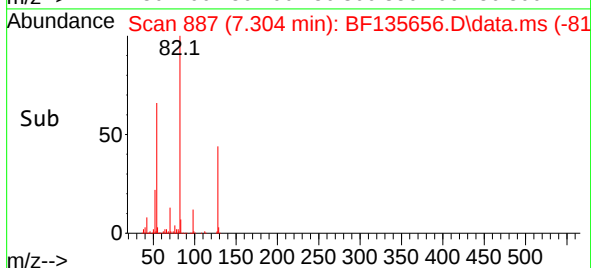
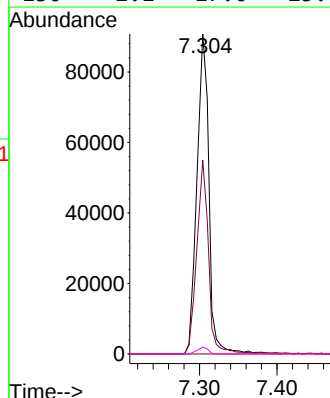
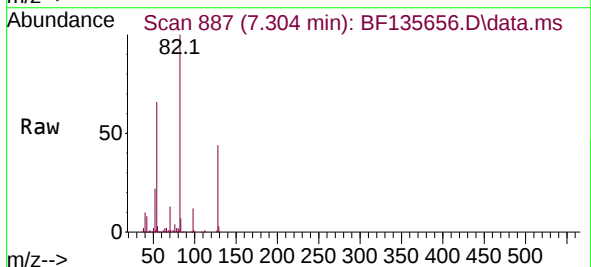
Instrument :
BNA_F
ClientSampleId :
PB156053BL

Tgt Ion: 99 Resp: 1161950
Ion Ratio Lower Upper
99 100
42 23.2 17.9 26.9
71 34.6 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.047 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

Tgt Ion: 70 Resp: 97557
Ion Ratio Lower Upper
70 100
42 60.6 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#

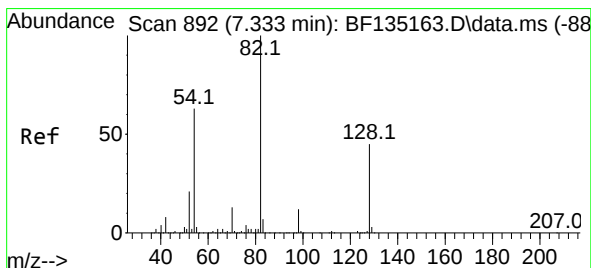
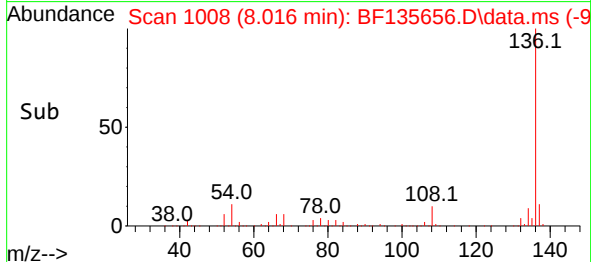
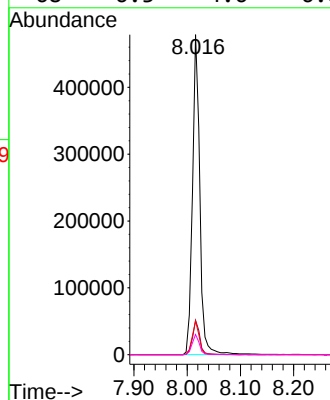
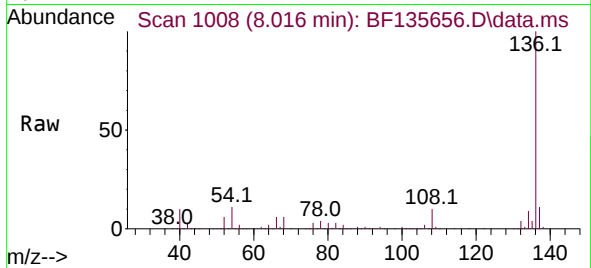




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

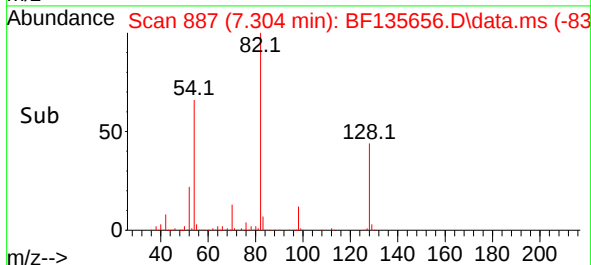
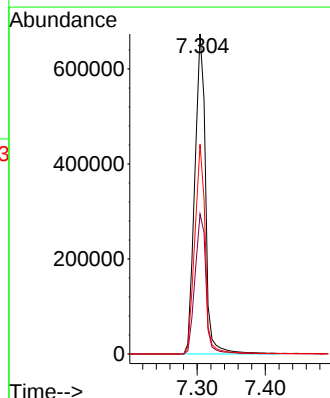
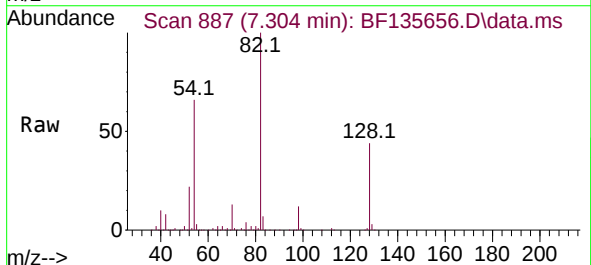
Instrument :
BNA_F
ClientSampleId :
PB156053BL

Tgt Ion:136 Resp: 460317
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.6 7.7 11.5
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 87.015 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

Tgt Ion: 82 Resp: 737256
Ion Ratio Lower Upper
82 100
128 43.7 35.8 53.6
54 65.5 50.6 76.0

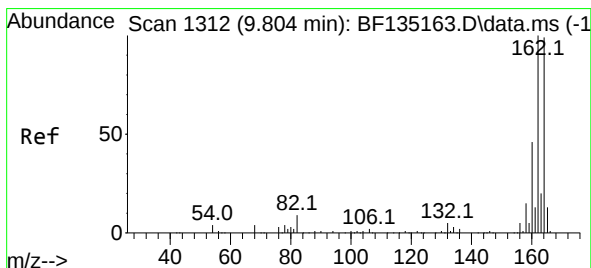
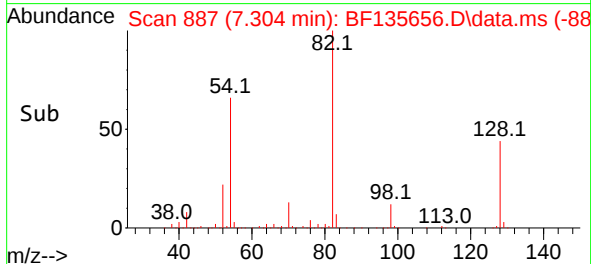
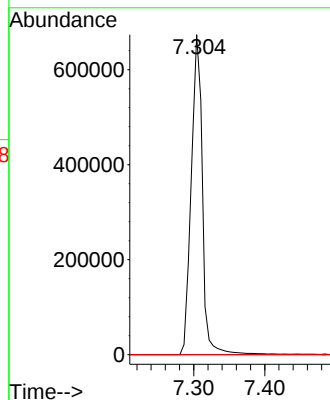
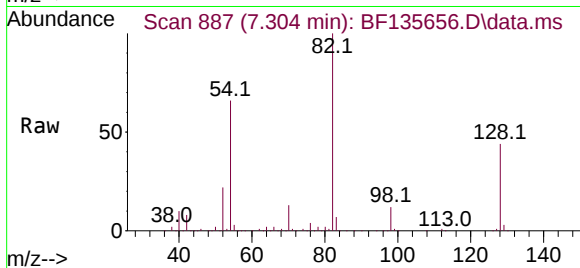




#25
Isophorone
Concen: 47.387 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

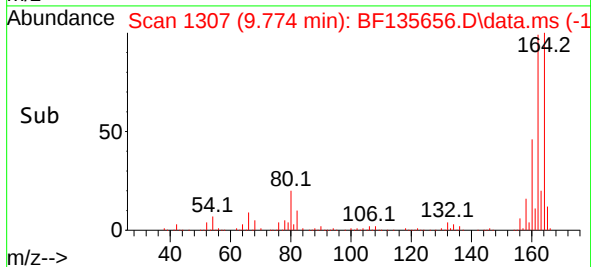
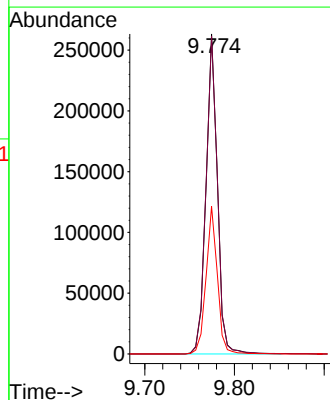
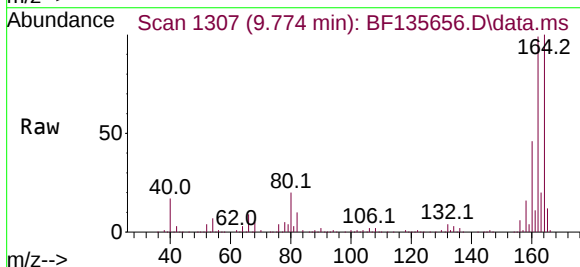
Instrument :
BNA_F
ClientSampleId :
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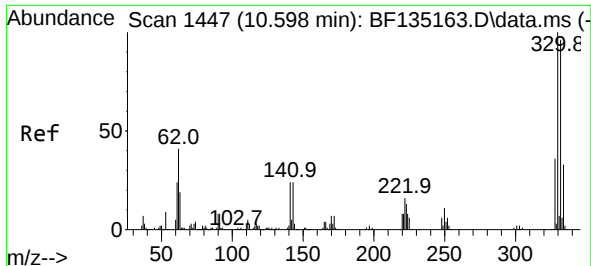
Tgt Ion: 82 Resp: 737249
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

Tgt Ion: 164 Resp: 231272
Ion Ratio Lower Upper
164 100
162 99.3 81.0 121.4
160 46.2 37.0 55.4

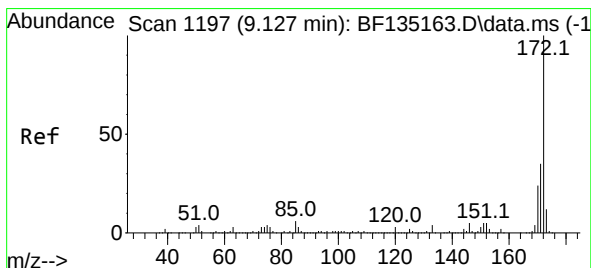
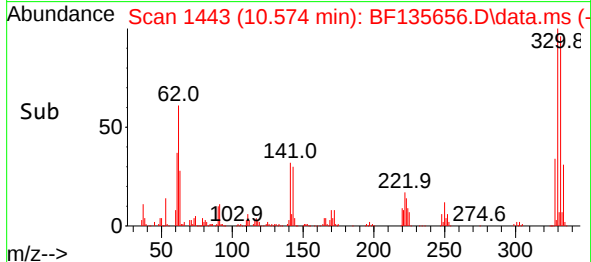
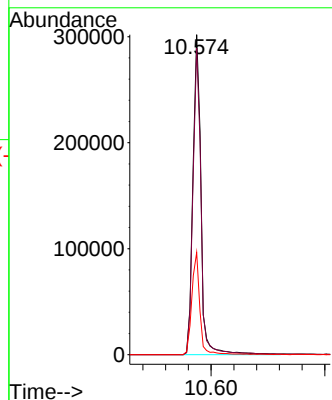
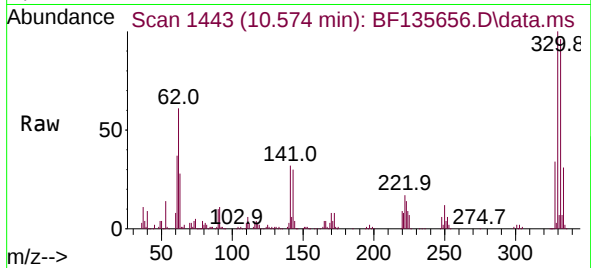




#42
2,4,6-Tribromophenol
Concen: 129.684 ng
RT: 10.574 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

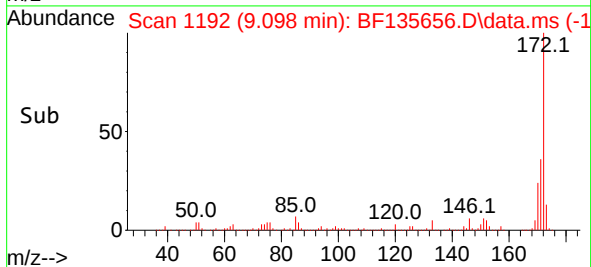
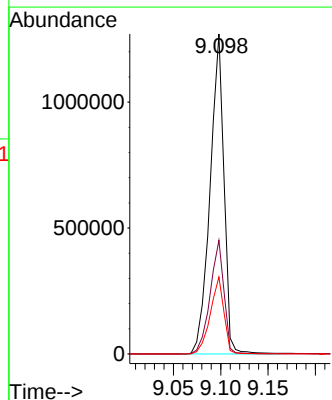
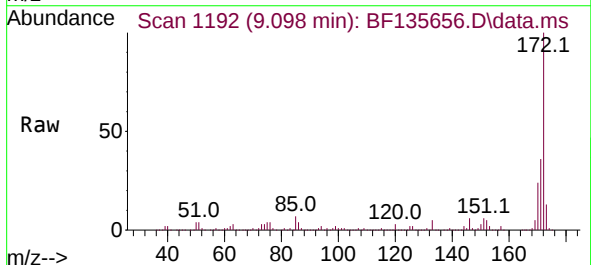
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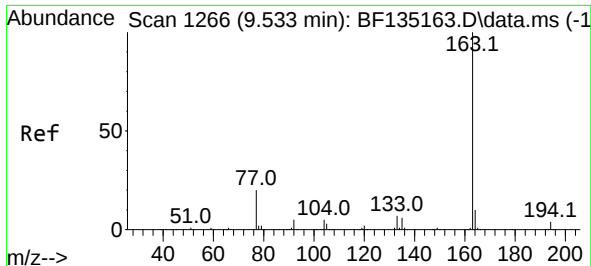
Tgt Ion:330 Resp: 298050
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 31.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 84.643 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

Tgt Ion:172 Resp: 1297493
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.1 19.0 28.4

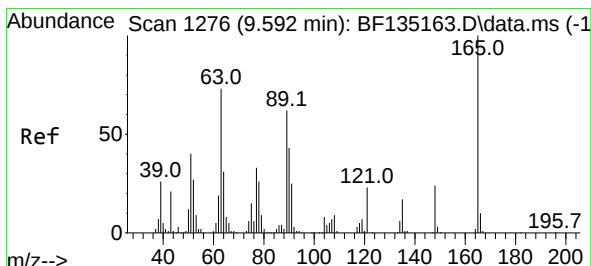
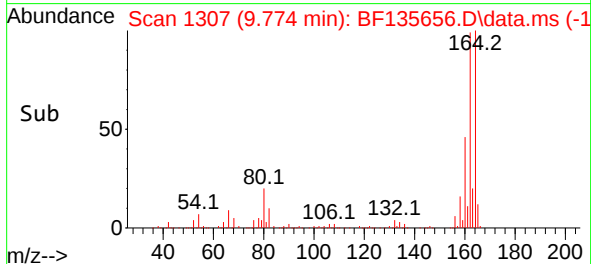
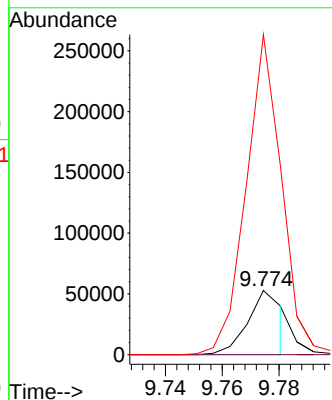
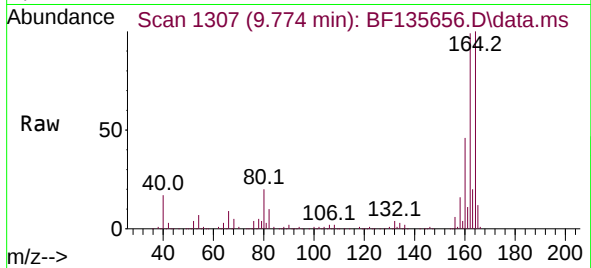




#50
Dimethylphthalate
Concen: 2.831 ng
RT: 9.774 min Scan# 11
Delta R.T. 0.271 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

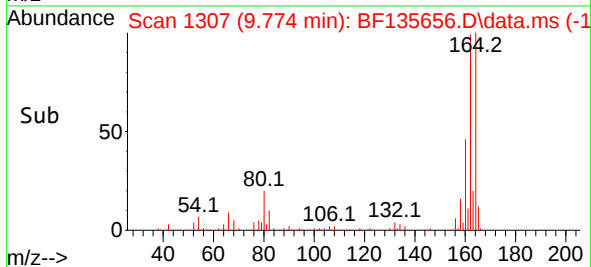
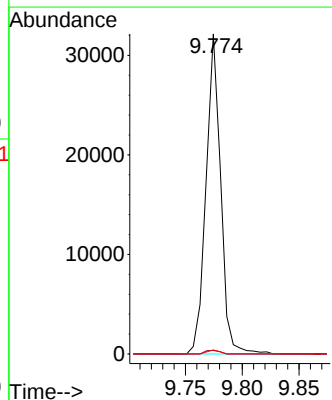
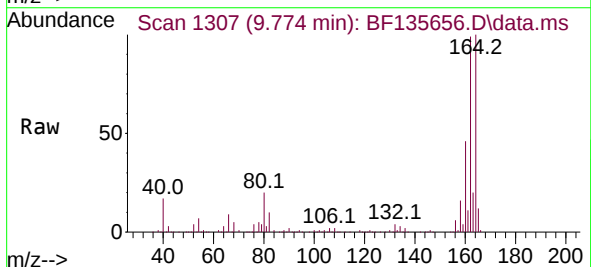
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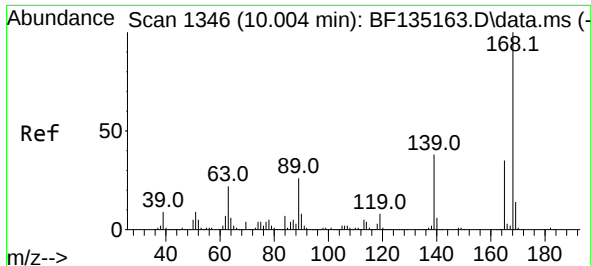
Tgt Ion:163 Resp: 44274
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 498.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.412 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

Tgt Ion:165 Resp: 28814
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 1.3 49.8 74.8#

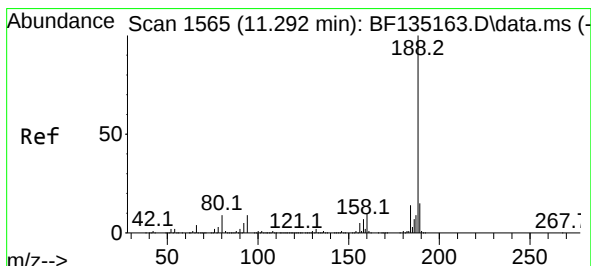
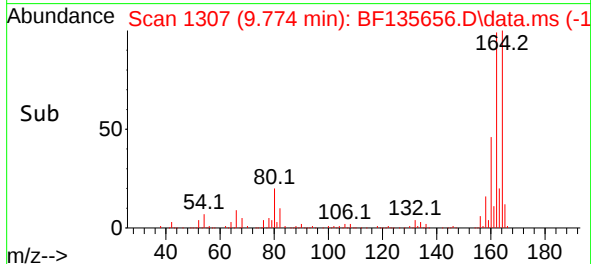
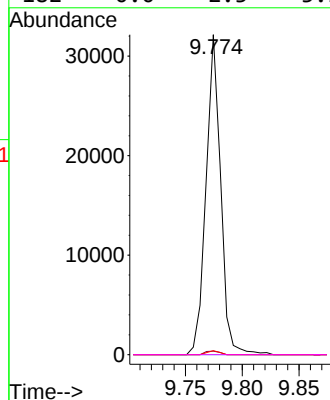
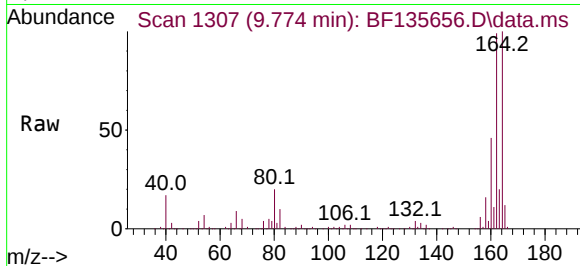




#57
2,4-Dinitrotoluene
Concen: 6.719 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

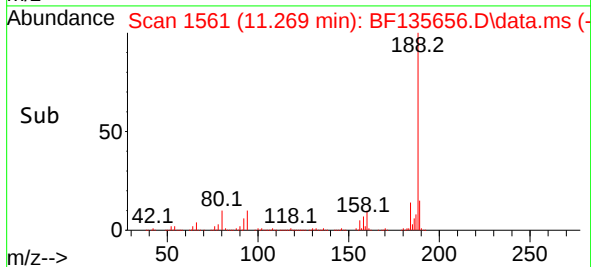
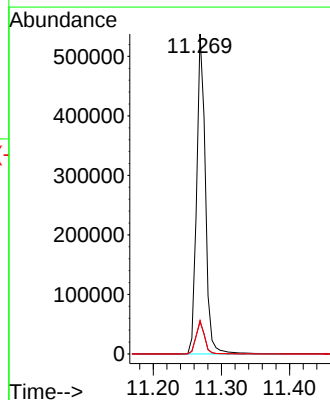
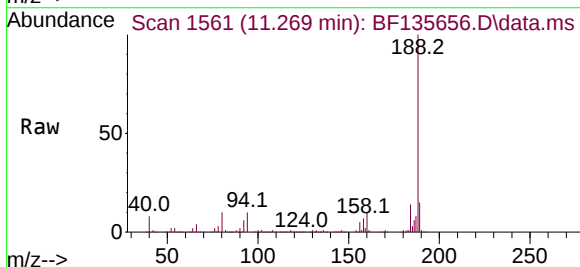
Instrument :
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Tgt Ion:165 Resp: 28814
Ion Ratio Lower Upper
165 100
63 1.1 50.1 75.1#
89 1.3 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

Tgt Ion:188 Resp: 477440
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.5 7.5 11.3

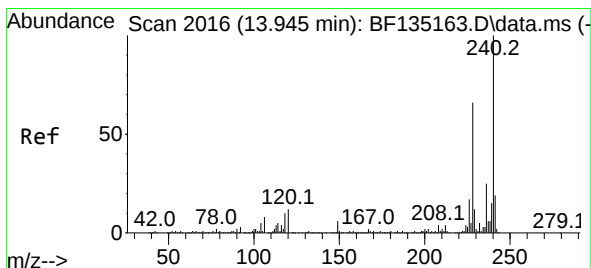
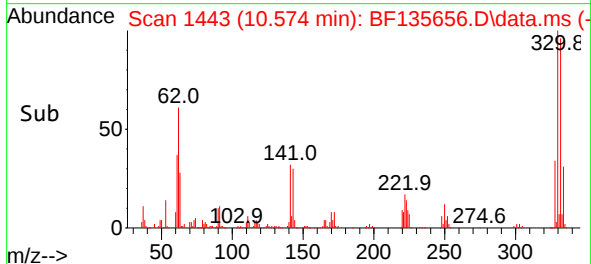
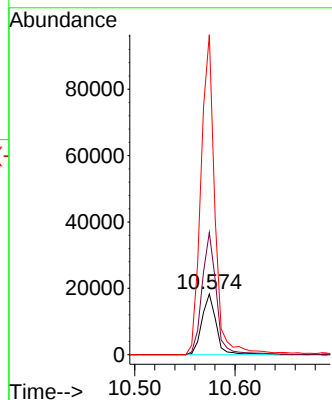
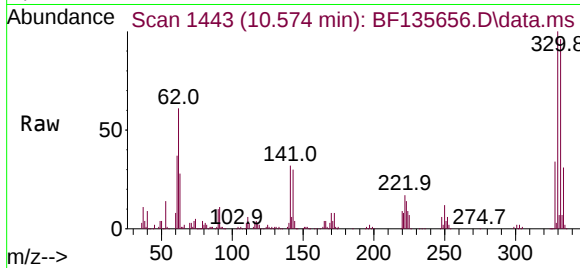




#67
4-Bromophenyl-phenylether
Concen: 3.821 ng
RT: 10.574 min Scan# 14
Delta R.T. -0.235 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

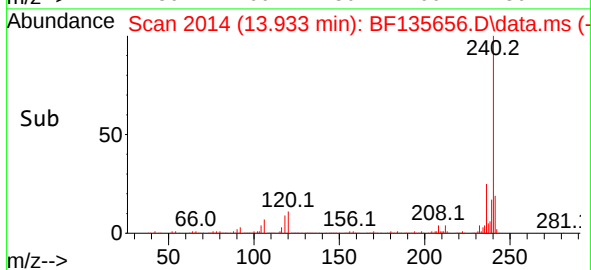
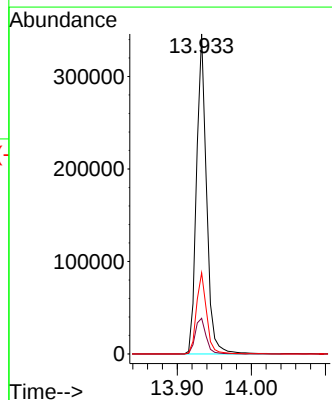
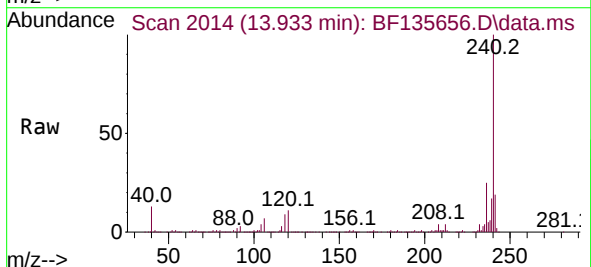
Instrument :
BNA_F
ClientSampleId :
PB156053BL

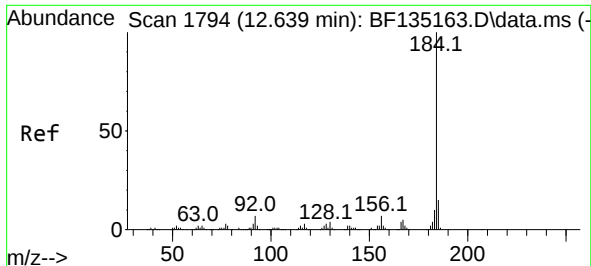
Tgt Ion:248 Resp: 18143
Ion Ratio Lower Upper
248 100
250 201.6 78.6 117.8#
141 527.7 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

Tgt Ion:240 Resp: 324259
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 25.4 19.8 29.8

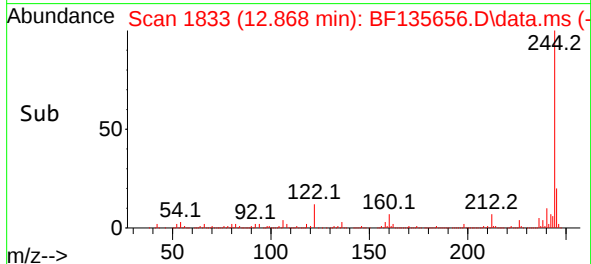
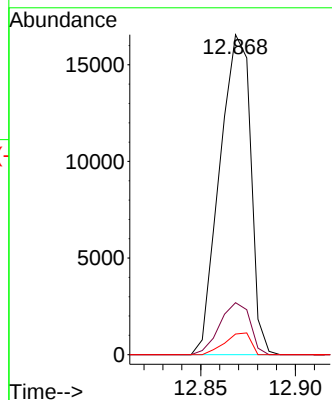
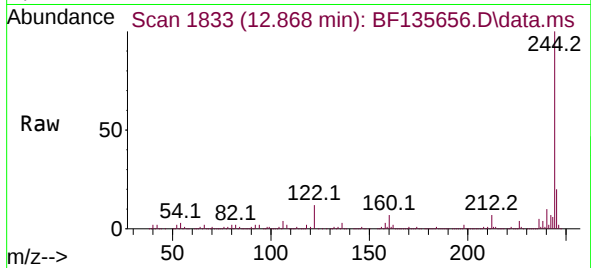




#77
Benzidine
Concen: 2.837 ng
RT: 12.868 min Scan# 1833
Delta R.T. 0.253 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

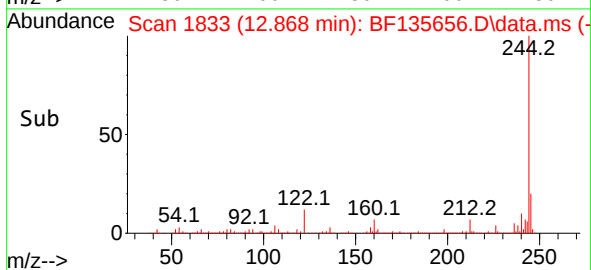
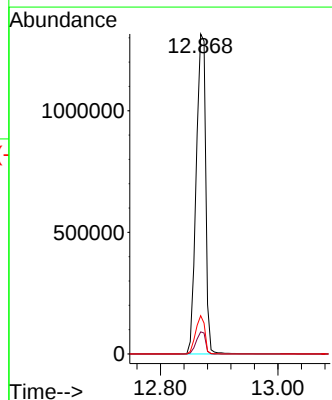
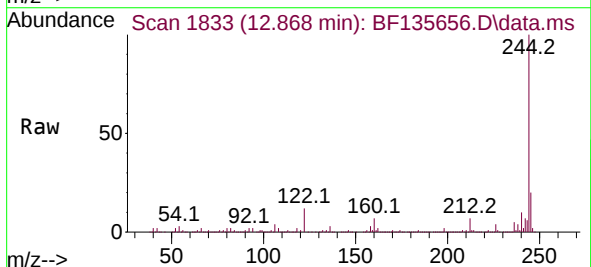
Instrument :
BNA_F
ClientSampleId :
PB156053BL

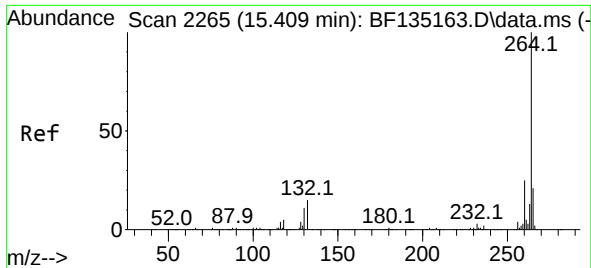
Tgt Ion:184 Resp: 18844
Ion Ratio Lower Upper
184 100
185 16.2 11.7 17.5
183 6.5 8.2 12.4#



#79
Terphenyl-d14
Concen: 70.532 ng
RT: 12.868 min Scan# 1833
Delta R.T. 0.006 min
Lab File: BF135656.D
Acq: 09 Oct 2023 17:54

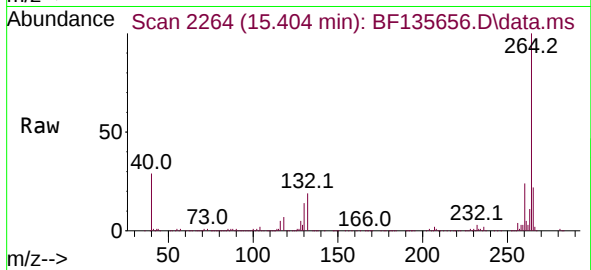
Tgt Ion:244 Resp: 1475351
Ion Ratio Lower Upper
244 100
212 6.9 5.1 7.7
122 11.9 7.9 11.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF135656.D
 Acq: 09 Oct 2023 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB156053BL



Tgt Ion:264 Resp: 245911
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 22.4 17.0 25.4

