

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135437.D
 Acq On : 25 Sep 2023 20:25
 Operator : CG\JU
 Sample : 04567-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 01:44:37 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)

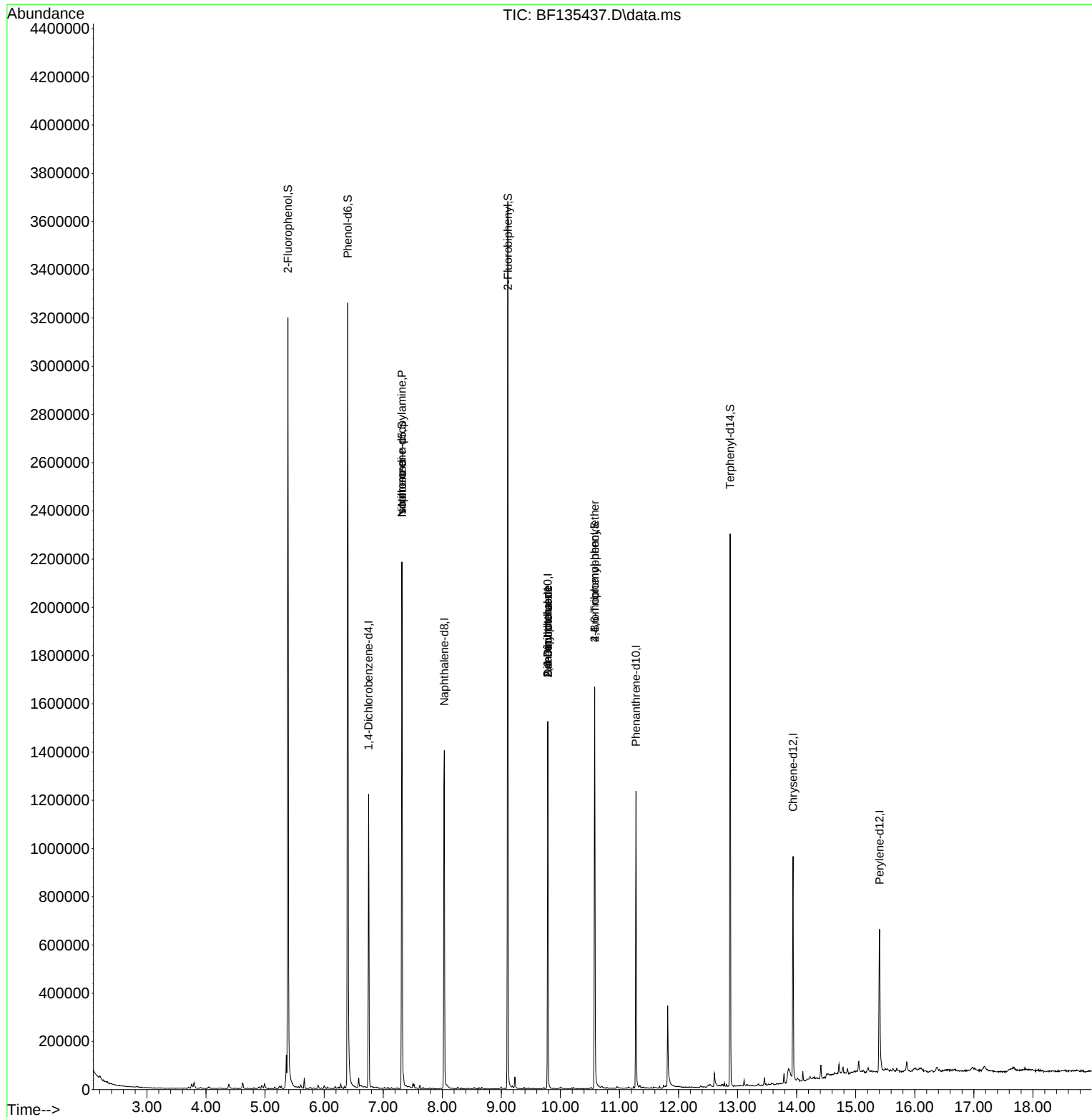
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	170898	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	635494	20.000	ng	# 0.00
39) Acenaphthene-d10	9.786	164	292226	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	428464	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	302703	20.000	ng	0.00
86) Perylene-d12	15.404	264	285845	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	886190	84.339	ng	0.00
7) Phenol-d6	6.398	99	1133268	84.820	ng	0.00
23) Nitrobenzene-d5	7.316	82	684283	58.500	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	185385	63.837	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1091194	56.337	ng	0.00
79) Terphenyl-d14	12.874	244	758337	38.836	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.316	70	89796	10.851	ng	# 80
25) Isophorone	7.316	82	683042	31.801	ng	# 65
50) Dimethylphthalate	9.786	163	53310	2.698	ng	# 1
51) 2,6-Dinitrotoluene	9.786	165	37042	8.558	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	37042	6.836	ng	# 19
67) 4-Bromophenyl-phenylether	10.581	248	12010	2.818	ng	# 1

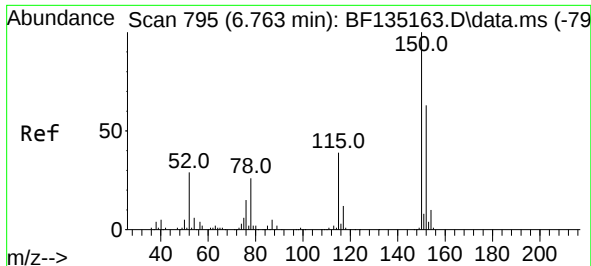
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
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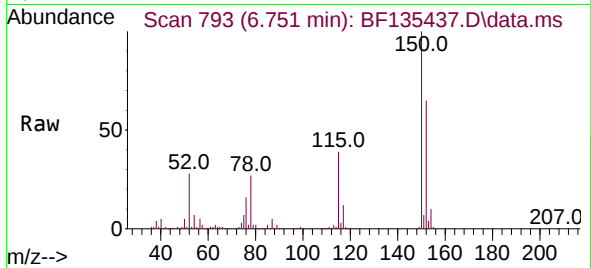
Quant Time: Sep 26 01:44:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
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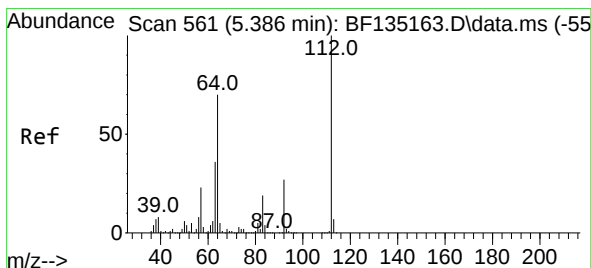
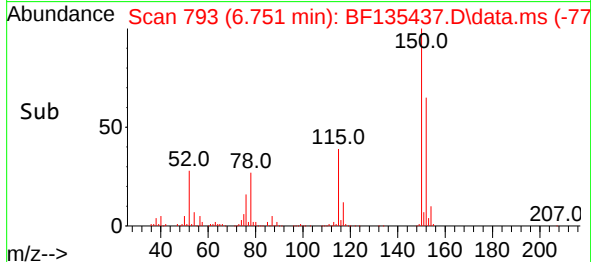
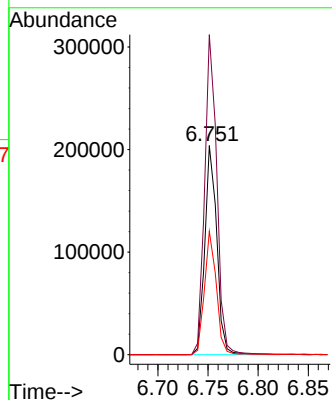


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.751 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135437.D
 Acq: 25 Sep 2023 20:25

Instrument :
 BNA_F
 ClientSampleId :

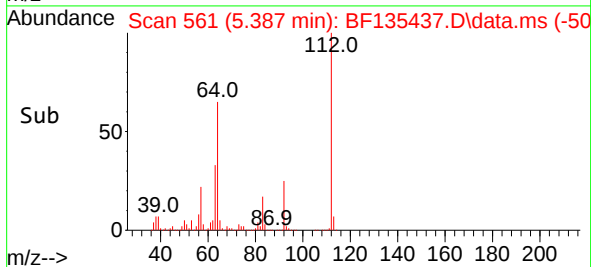
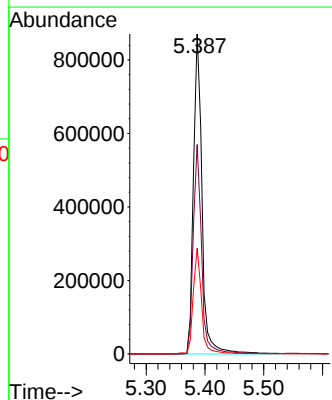
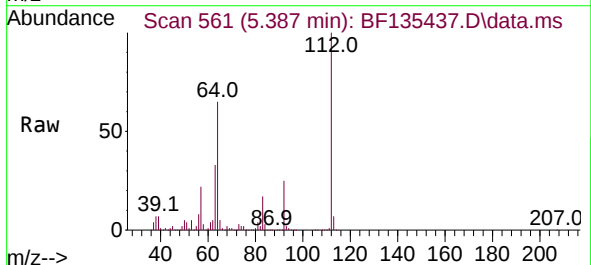


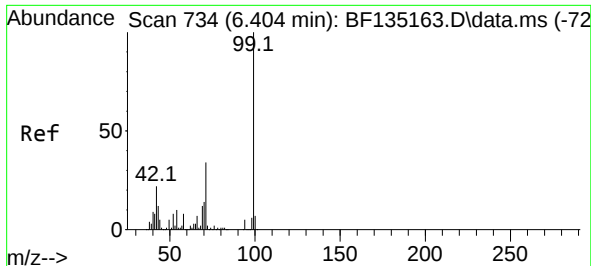
Tgt Ion:152 Resp: 170898
 Ion Ratio Lower Upper
 152 100
 150 153.0 127.8 191.6
 115 59.0 49.8 74.8



#5
 2-Fluorophenol
 Concen: 84.339 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: BF135437.D
 Acq: 25 Sep 2023 20:25

Tgt Ion:112 Resp: 886190
 Ion Ratio Lower Upper
 112 100
 64 65.4 55.9 83.9
 63 33.1 29.0 43.6

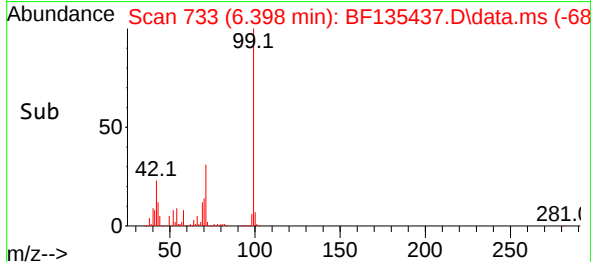
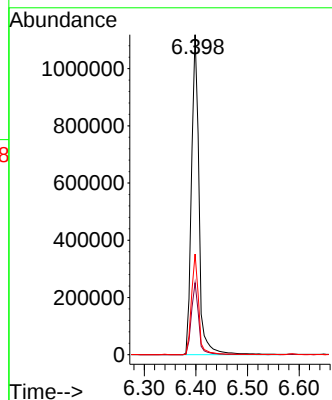
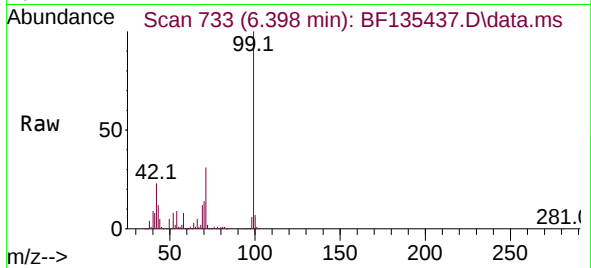




#7
Phenol-d6
Concen: 84.820 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135437.D
Acq: 25 Sep 2023 20:25

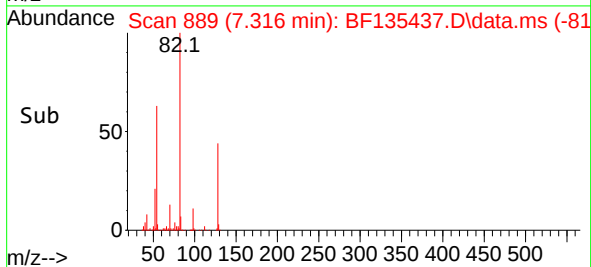
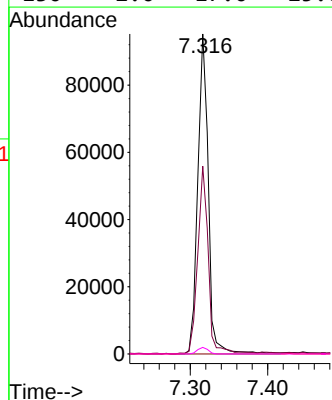
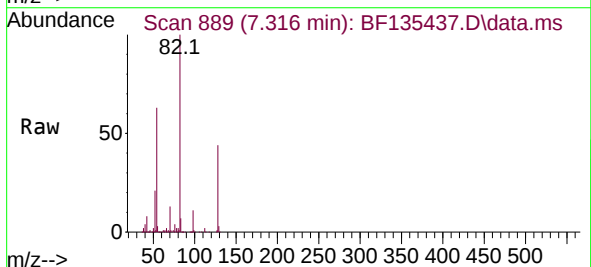
Instrument :
BNA_F
ClientSampleId :

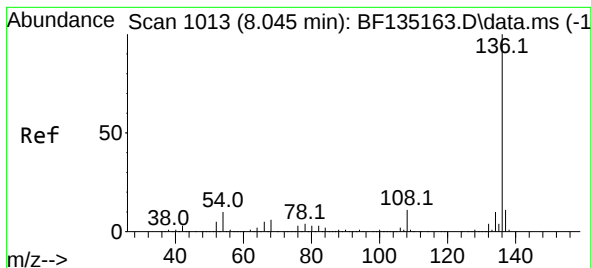
Tgt Ion: 99 Resp: 1133268
Ion Ratio Lower Upper
99 100
42 22.5 17.9 26.9
71 31.5 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.851 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF135437.D
Acq: 25 Sep 2023 20:25

Tgt Ion: 70 Resp: 89796
Ion Ratio Lower Upper
70 100
42 58.7 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF135437.D

Acq: 25 Sep 2023 20:25

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 635494

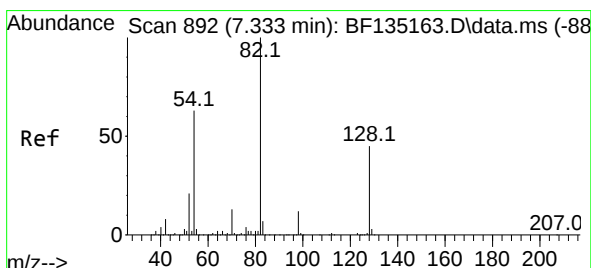
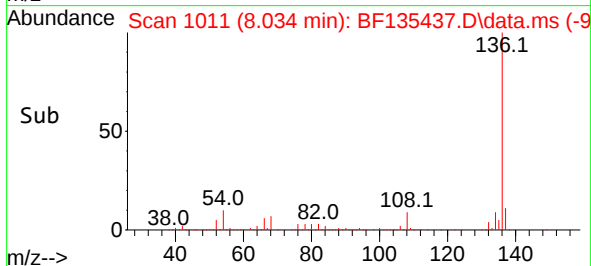
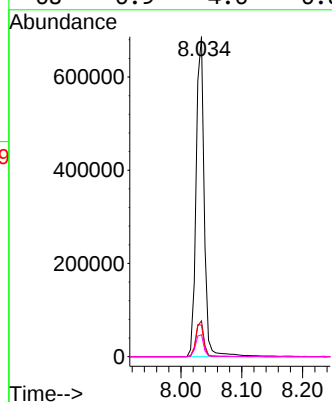
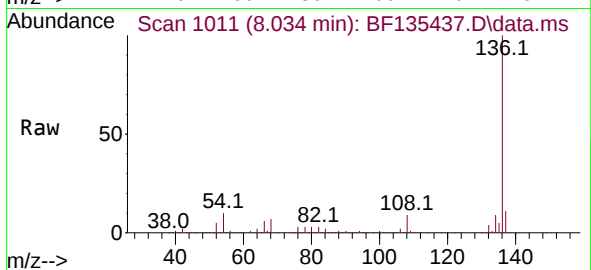
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.9 7.7 11.5

68 6.9 4.6 6.8#



#23

Nitrobenzene-d5

Concen: 58.500 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF135437.D

Acq: 25 Sep 2023 20:25

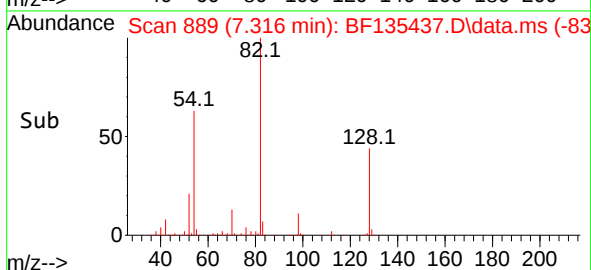
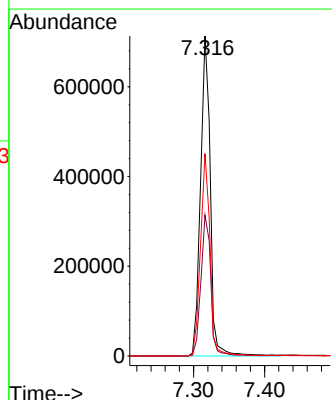
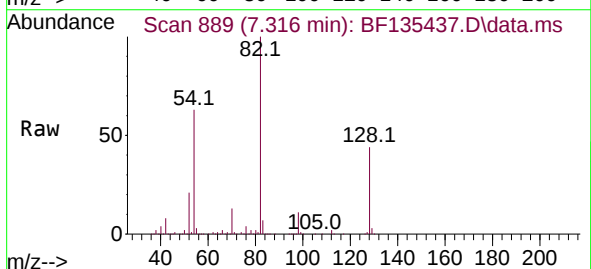
Tgt Ion: 82 Resp: 684283

Ion Ratio Lower Upper

82 100

128 44.0 35.8 53.6

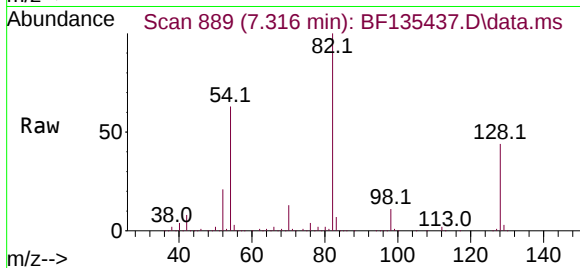
54 63.3 50.6 76.0



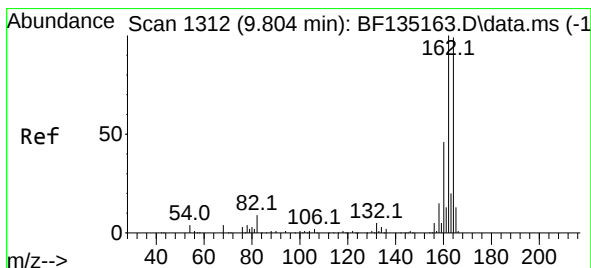
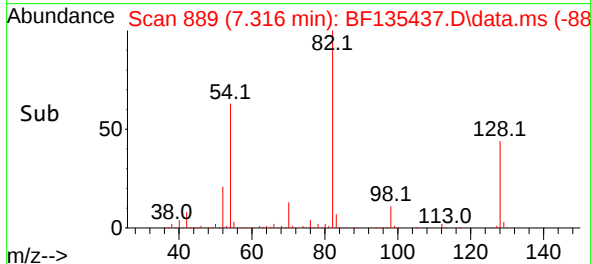
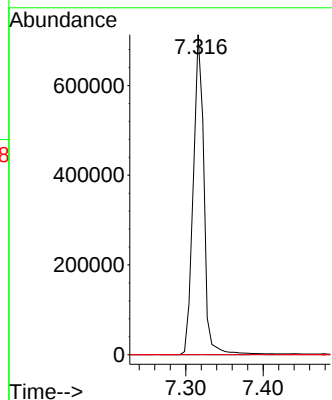


#25
Isophorone
Concen: 31.801 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135437.D
Acq: 25 Sep 2023 20:25

Instrument :
BNA_F
ClientSampleId :

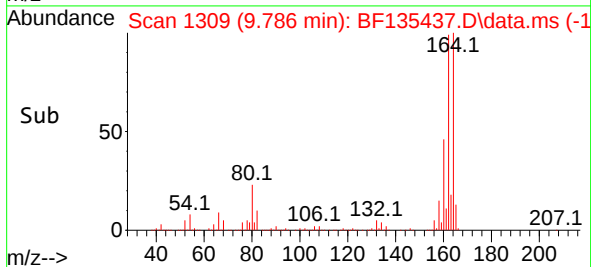
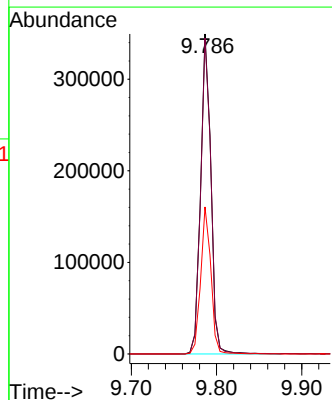
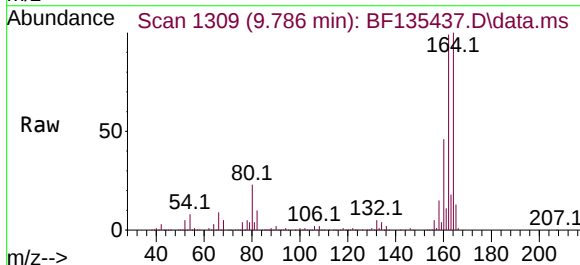


Tgt Ion: 82 Resp: 683042
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135437.D
Acq: 25 Sep 2023 20:25

Tgt Ion: 164 Resp: 292226
Ion Ratio Lower Upper
164 100
162 98.8 81.0 121.4
160 46.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 63.837 ng

RT: 10.581 min Scan# 1444

Delta R.T. -0.006 min

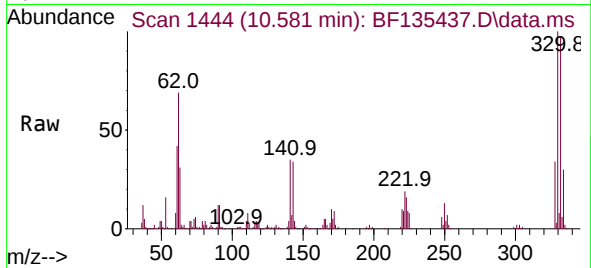
Lab File: BF135437.D

Acq: 25 Sep 2023 20:25

Instrument :

BNA_F

ClientSampleId :



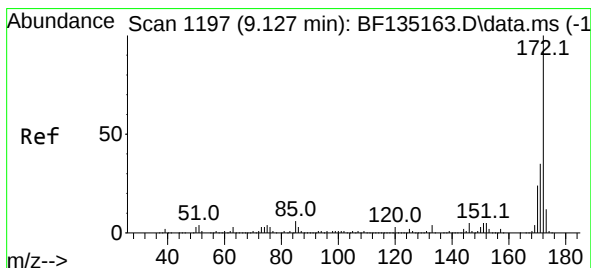
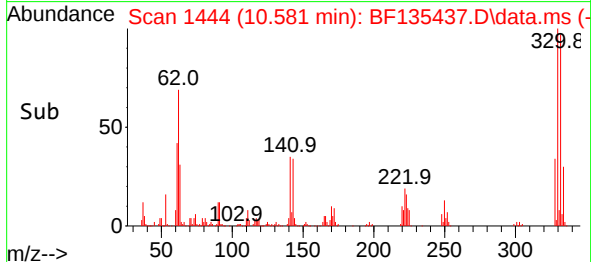
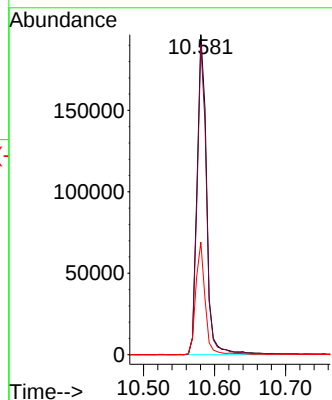
Tgt Ion:330 Resp: 185385

Ion Ratio Lower Upper

330 100

332 94.6 77.3 115.9

141 34.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 56.337 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF135437.D

Acq: 25 Sep 2023 20:25

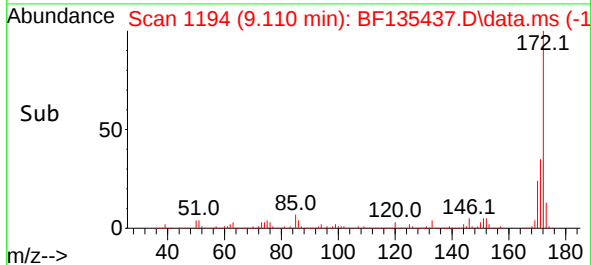
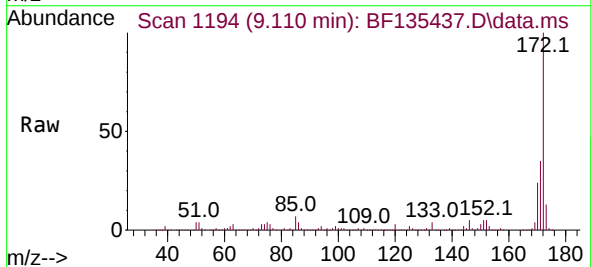
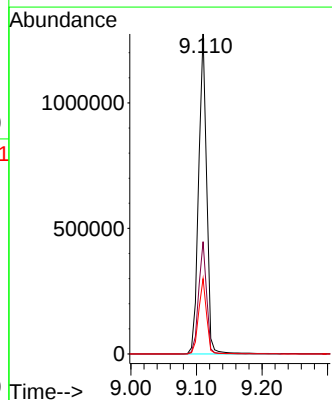
Tgt Ion:172 Resp: 1091194

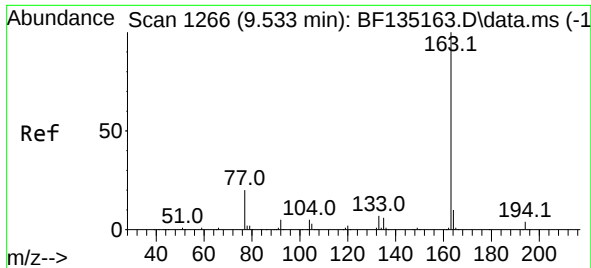
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.5 19.0 28.4

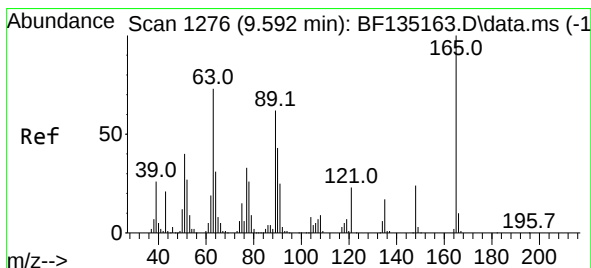
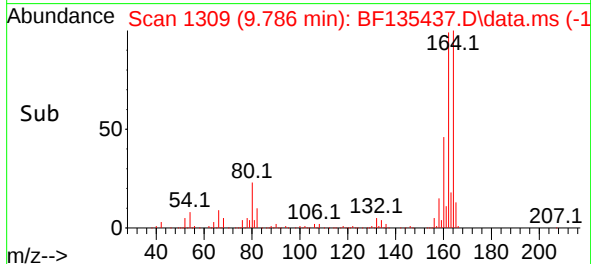
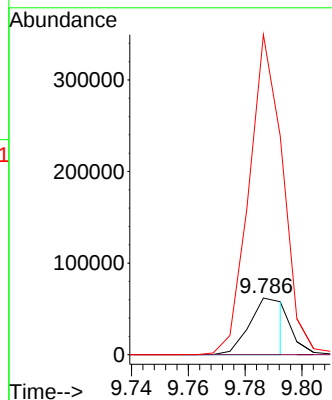
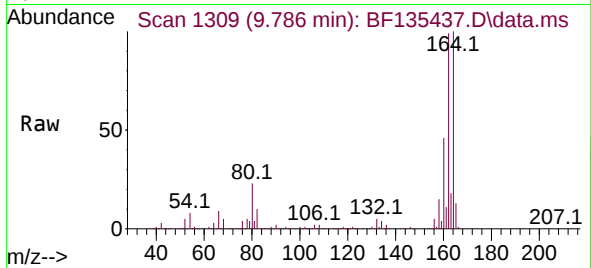




#50
Dimethylphthalate
Concen: 2.698 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135437.D
Acq: 25 Sep 2023 20:25

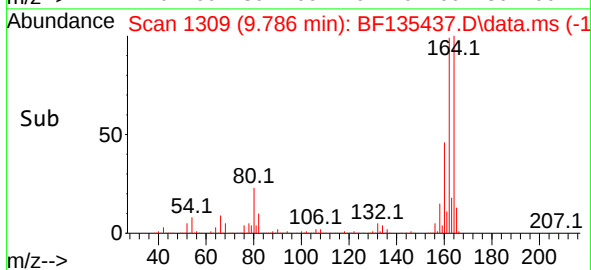
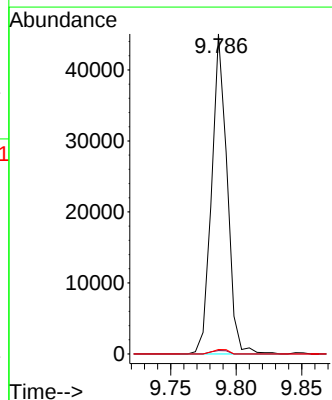
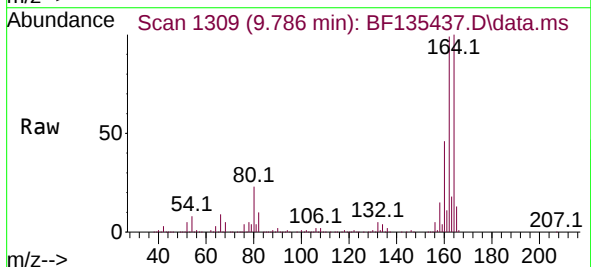
Instrument :
BNA_F
ClientSampleId :

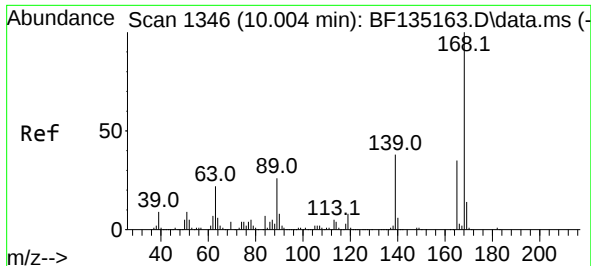
Tgt Ion:163 Resp: 53310
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 564.4 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.558 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.200 min
Lab File: BF135437.D
Acq: 25 Sep 2023 20:25

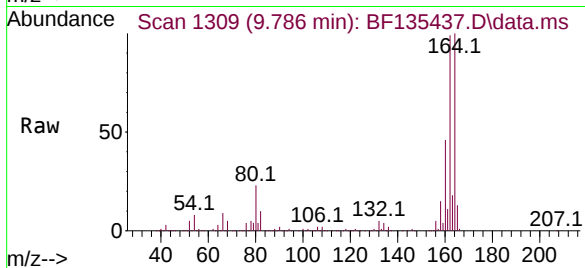
Tgt Ion:165 Resp: 37042
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 1.4 49.8 74.8#



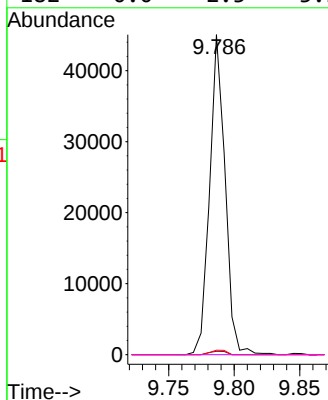
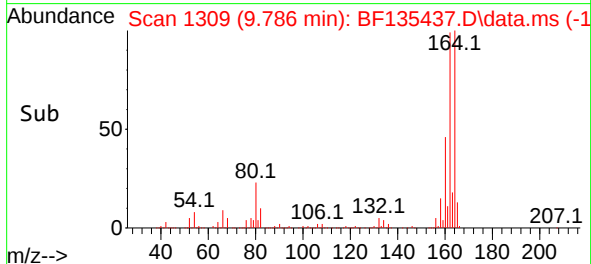


#57
2,4-Dinitrotoluene
Concen: 6.836 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.212 min
Lab File: BF135437.D
Acq: 25 Sep 2023 20:25

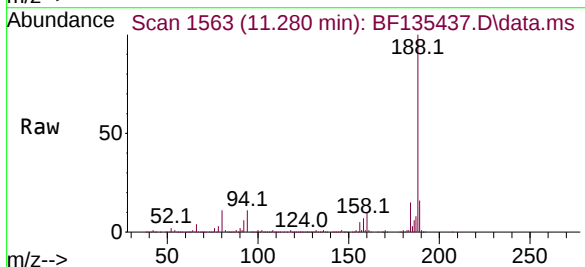
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BNA_F
ClientSampleId :



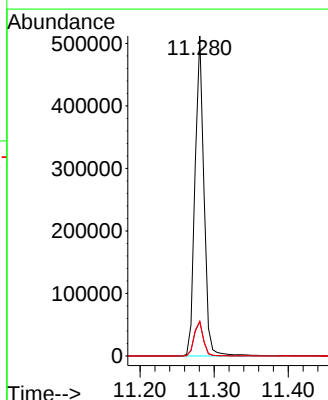
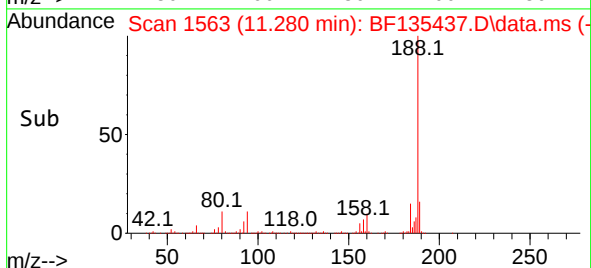
Tgt Ion:165 Resp: 37042
Ion Ratio Lower Upper
165 100
63 1.1 50.1 75.1#
89 1.4 59.3 88.9#
182 0.0 2.3 3.5#

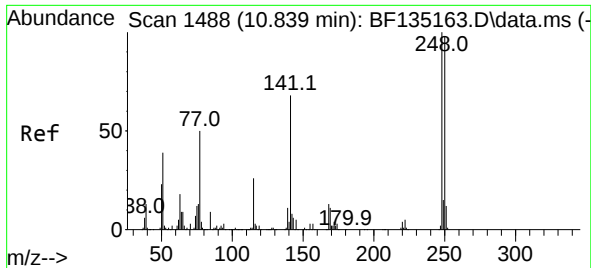


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF135437.D
Acq: 25 Sep 2023 20:25



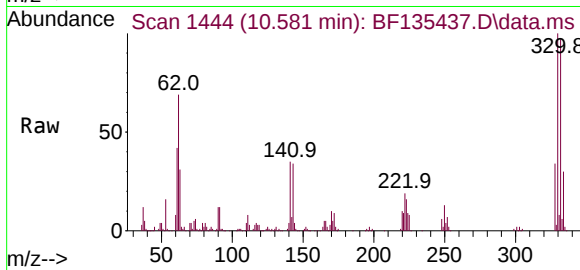
Tgt Ion:188 Resp: 428464
Ion Ratio Lower Upper
188 100
94 10.7 7.0 10.6#
80 10.8 7.5 11.3



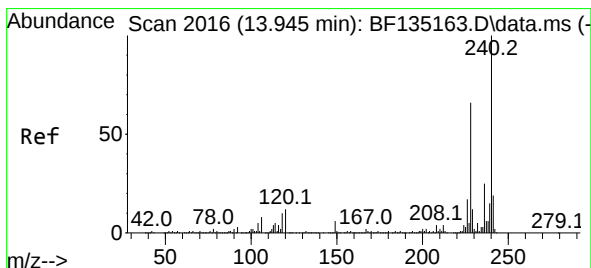
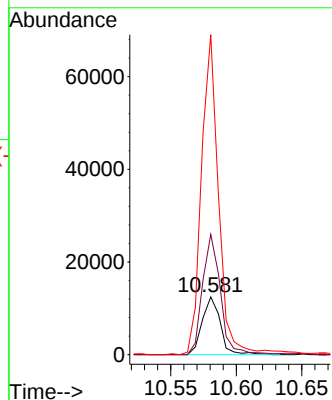
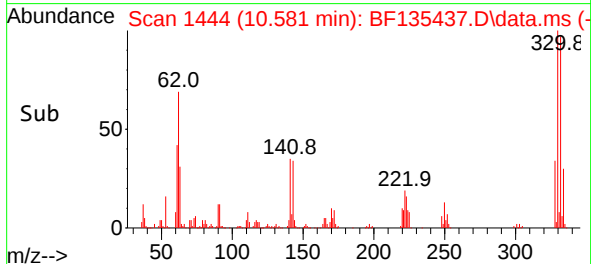


#67
4-Bromophenyl-phenylether
Concen: 2.818 ng
RT: 10.581 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135437.D
Acq: 25 Sep 2023 20:25

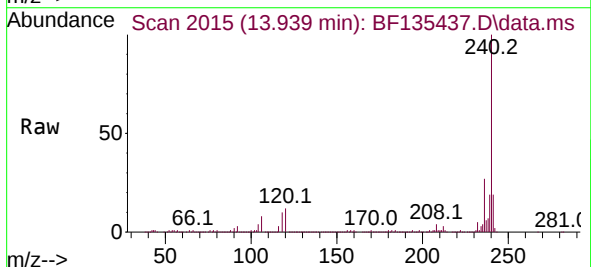
Instrument :
BNA_F
ClientSampleId :



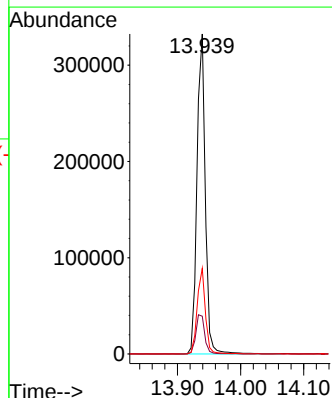
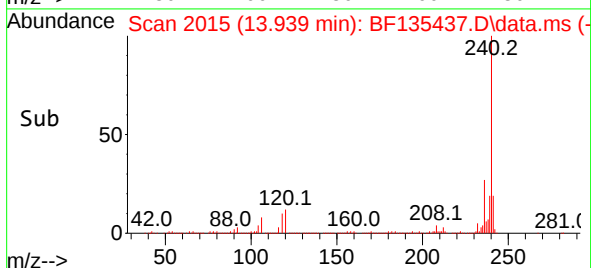
Tgt Ion:248 Resp: 12010
Ion Ratio Lower Upper
248 100
250 208.4 78.6 117.8#
141 554.0 54.2 81.2#

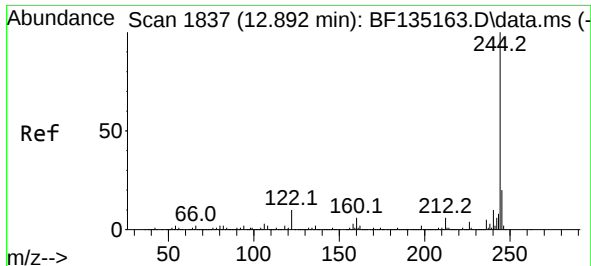


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135437.D
Acq: 25 Sep 2023 20:25



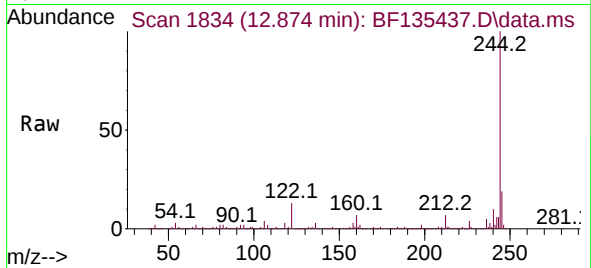
Tgt Ion:240 Resp: 302703
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 26.8 19.8 29.8



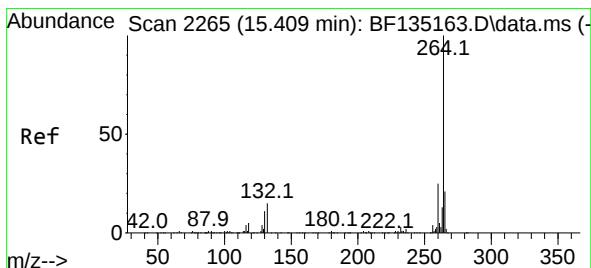
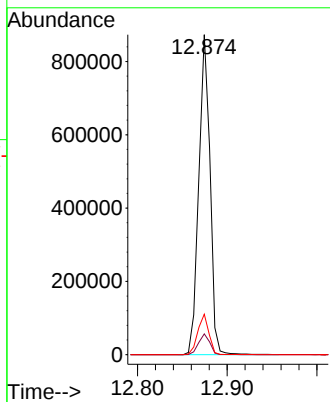
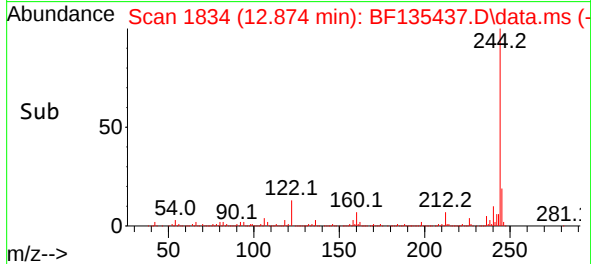


#79
 Terphenyl-d14
 Concen: 38.836 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF135437.D
 Acq: 25 Sep 2023 20:25

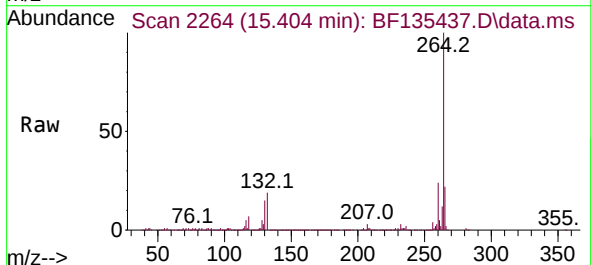
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 758337
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 12.7 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: BF135437.D
 Acq: 25 Sep 2023 20:25



Tgt Ion:264 Resp: 285845
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.6
 265 21.7 17.0 25.4

