

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135438.D
 Acq On : 25 Sep 2023 20:55
 Operator : CG\JU
 Sample : 04567-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 01:44:56 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)

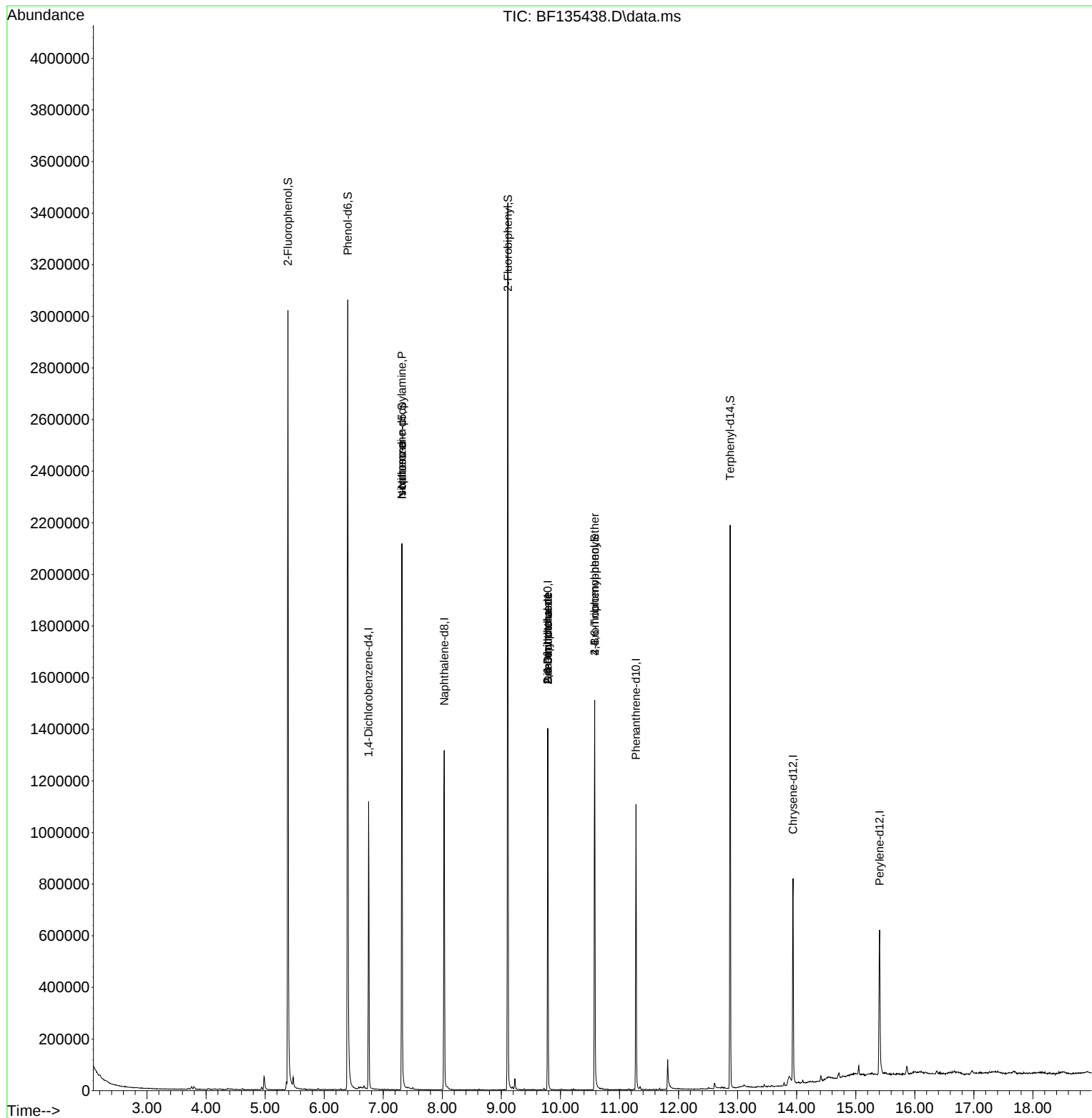
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	155822	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	587285	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	262314	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	387337	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	282844	20.000	ng	0.00
86) Perylene-d12	15.404	264	266791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	826173	86.235	ng	0.00
7) Phenol-d6	6.398	99	1051841	86.343	ng	0.00
23) Nitrobenzene-d5	7.316	82	626436	57.951	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	164399	63.066	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1000732	57.558	ng	0.00
79) Terphenyl-d14	12.874	244	700141	38.373	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.316	70	82947	10.993	ng	# 79
25) Isophorone	7.316	82	626428	31.559	ng	# 65
50) Dimethylphthalate	9.786	163	49692	2.802	ng	# 1
51) 2,6-Dinitrotoluene	9.786	165	33051	8.507	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	33051	6.795	ng	# 18
67) 4-Bromophenyl-phenylether	10.580	248	11165	2.898	ng	# 1

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

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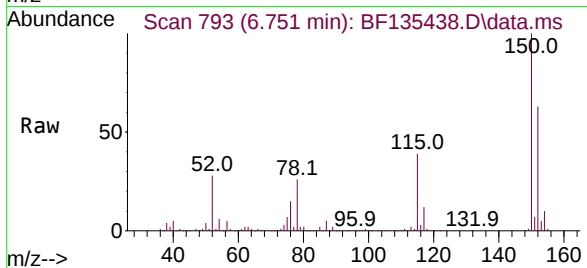
Quant Time: Sep 26 01:44:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration



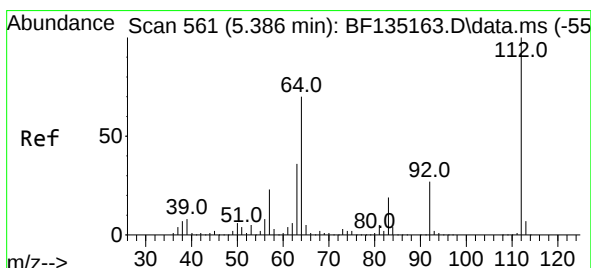
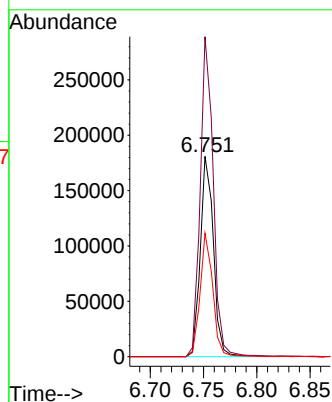
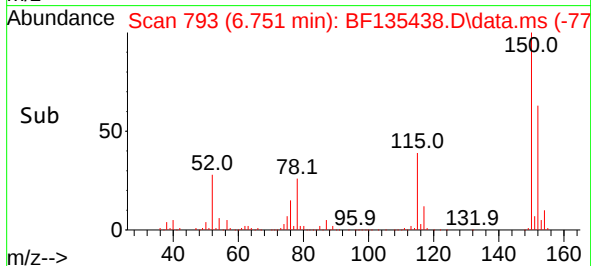


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135438.D
Acq: 25 Sep 2023 20:55

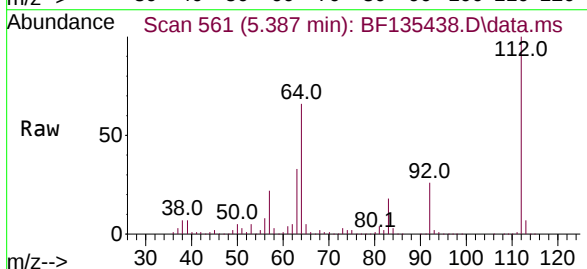
Instrument :
BNA_F
ClientSampleId :



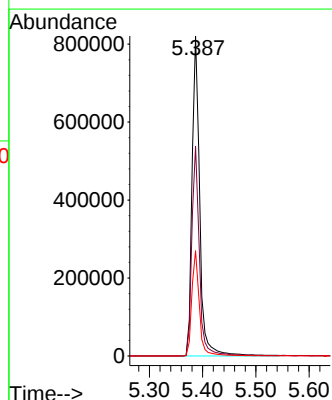
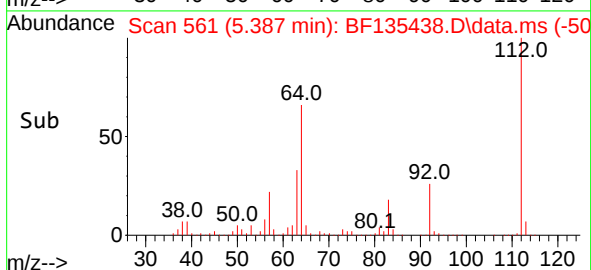
Tgt Ion:152 Resp: 155822
Ion Ratio Lower Upper
152 100
150 159.8 127.8 191.6
115 61.7 49.8 74.8

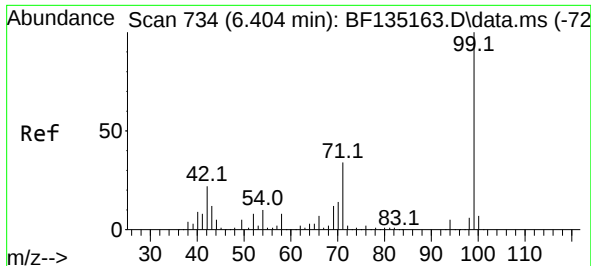


#5
2-Fluorophenol
Concen: 86.235 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF135438.D
Acq: 25 Sep 2023 20:55



Tgt Ion:112 Resp: 826173
Ion Ratio Lower Upper
112 100
64 65.6 55.9 83.9
63 32.9 29.0 43.6





#7

Phenol-d6

Concen: 86.343 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135438.D

Acq: 25 Sep 2023 20:55

Instrument :

BNA_F

ClientSampleId :

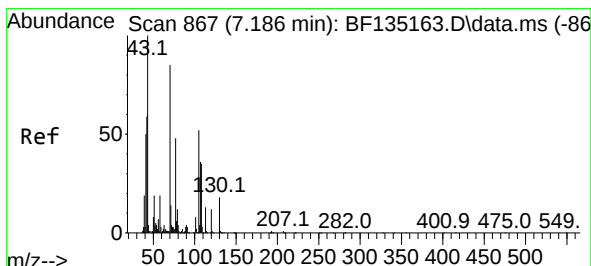
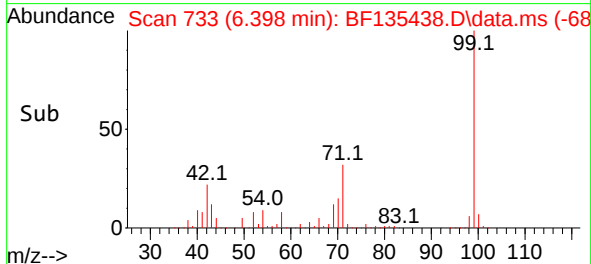
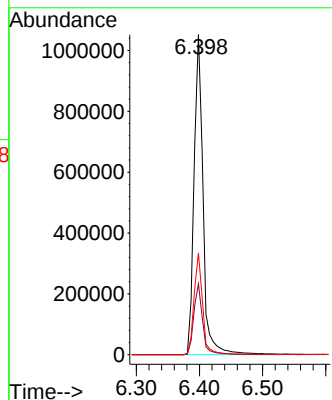
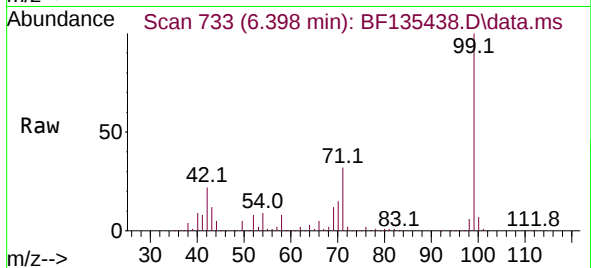
Tgt Ion: 99 Resp: 1051841

Ion Ratio Lower Upper

99 100

42 22.1 17.9 26.9

71 31.8 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 10.993 ng

RT: 7.316 min Scan# 889

Delta R.T. 0.141 min

Lab File: BF135438.D

Acq: 25 Sep 2023 20:55

Tgt Ion: 70 Resp: 82947

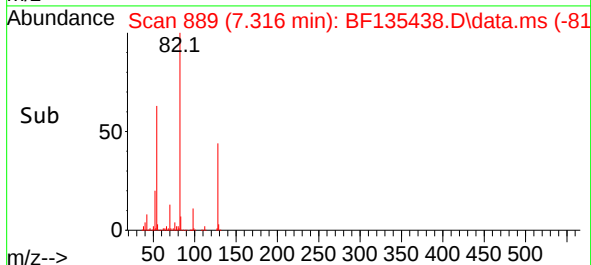
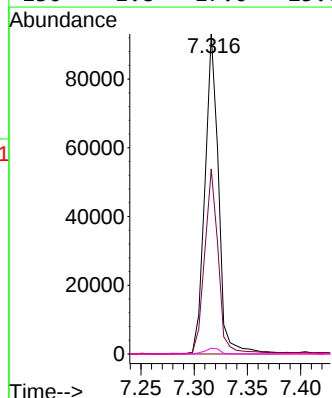
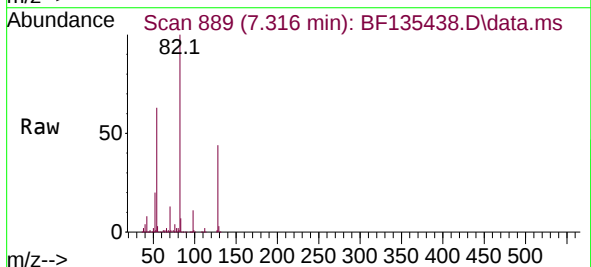
Ion Ratio Lower Upper

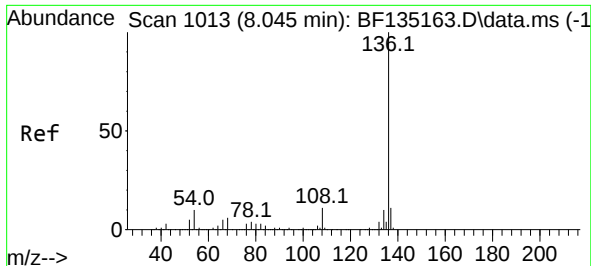
70 100

42 57.8 55.4 83.0

101 0.0 7.7 11.5#

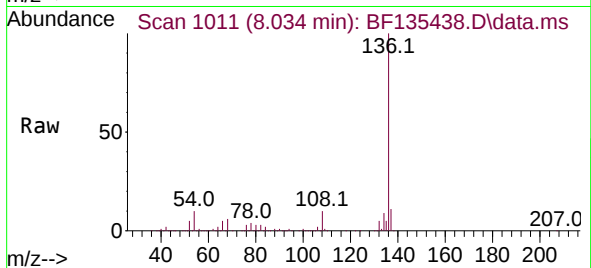
130 1.8 17.0 25.6#



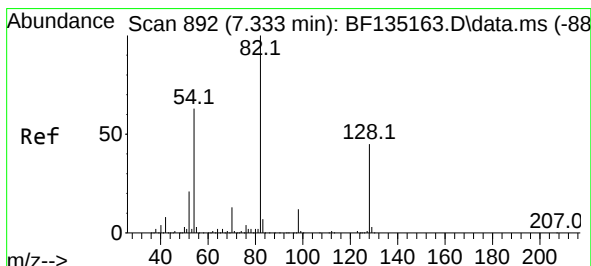
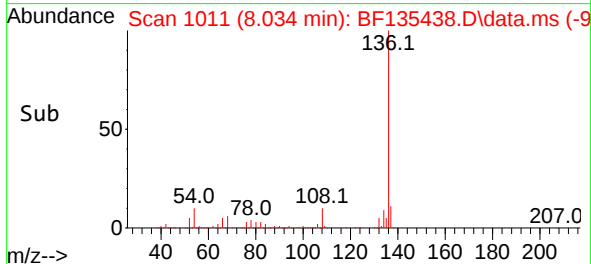
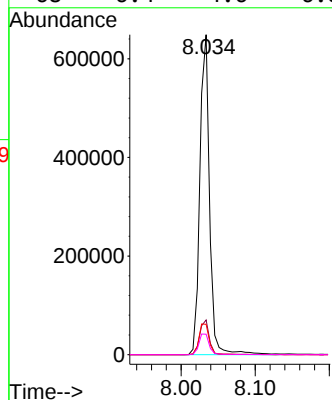


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF135438.D
Acq: 25 Sep 2023 20:55

Instrument :
BNA_F
ClientSampleId :

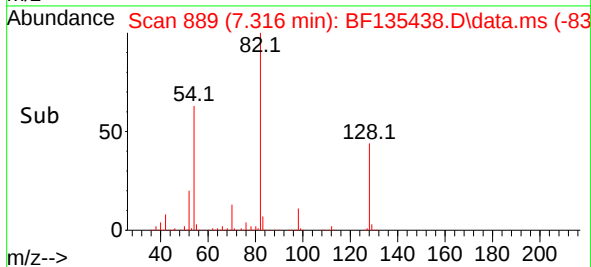
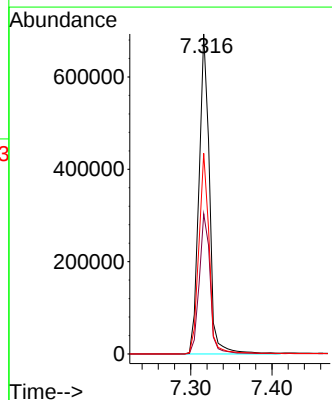
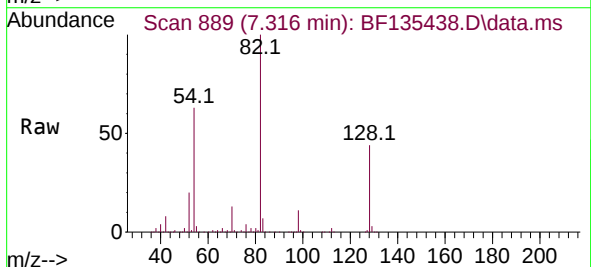


Tgt Ion:136 Resp: 587285
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.5 7.7 11.5
68 6.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 57.951 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF135438.D
Acq: 25 Sep 2023 20:55

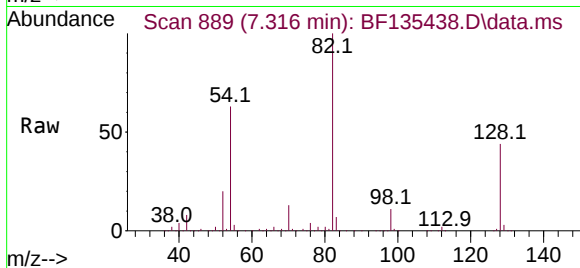
Tgt Ion: 82 Resp: 626436
Ion Ratio Lower Upper
82 100
128 43.8 35.8 53.6
54 62.7 50.6 76.0



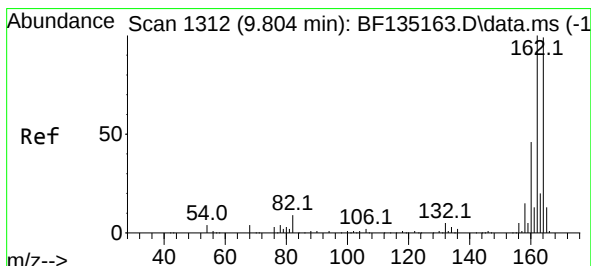
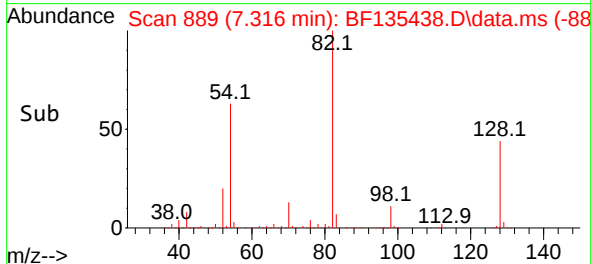
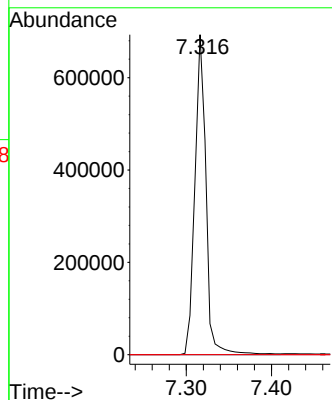


#25
Isophorone
Concen: 31.559 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135438.D
Acq: 25 Sep 2023 20:55

Instrument :
BNA_F
ClientSampleId :

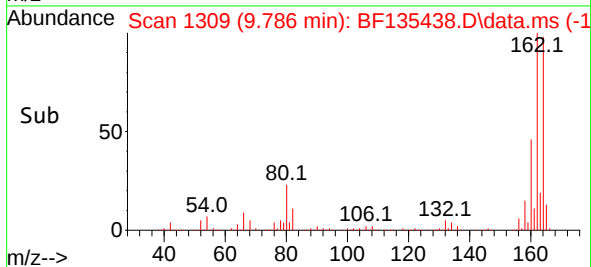
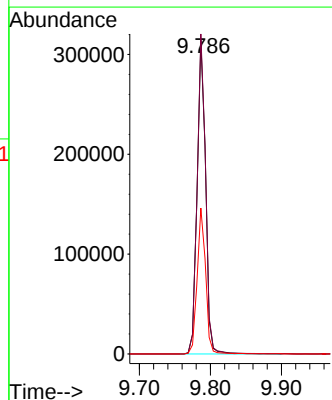
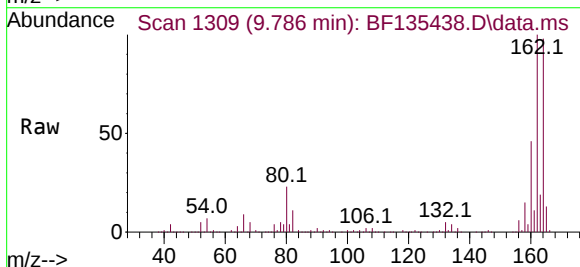


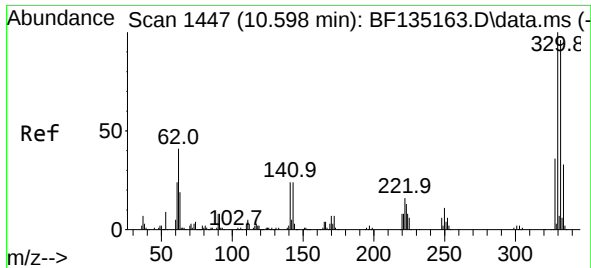
Tgt Ion: 82 Resp: 626428
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135438.D
Acq: 25 Sep 2023 20:55

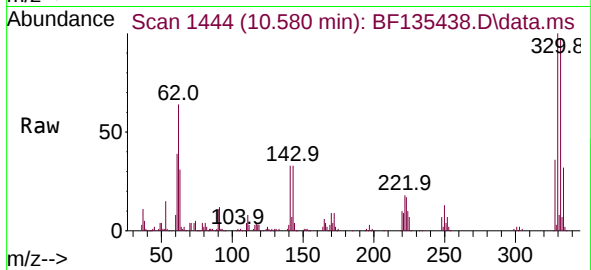
Tgt Ion: 164 Resp: 262314
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.4
160 46.5 37.0 55.4



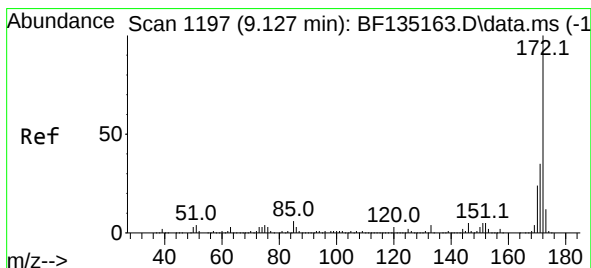
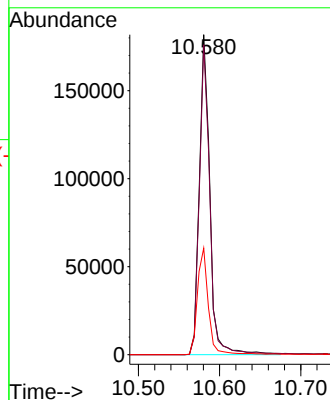
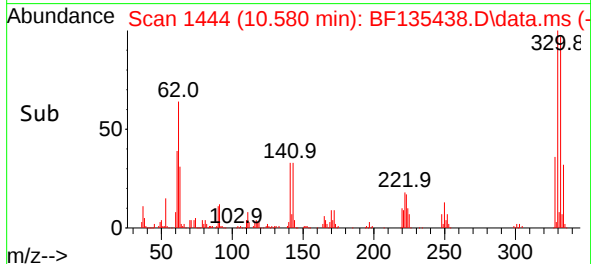


#42
2,4,6-Tribromophenol
Concen: 63.066 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135438.D
Acq: 25 Sep 2023 20:55

Instrument :
BNA_F
ClientSampleId :

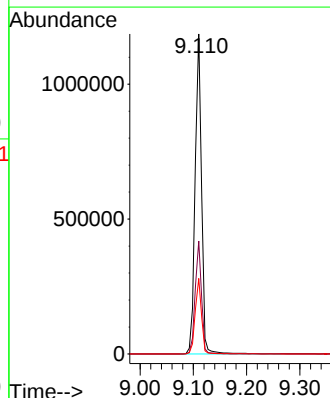
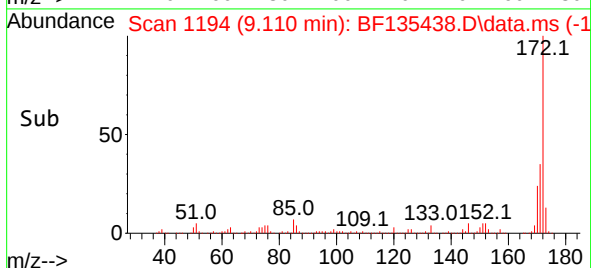
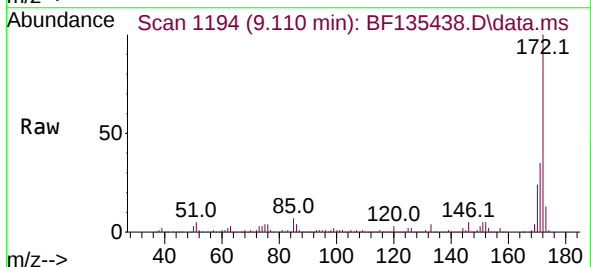


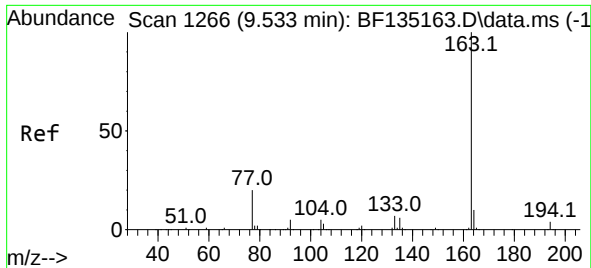
Tgt Ion:330 Resp: 164399
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 35.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 57.558 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF135438.D
Acq: 25 Sep 2023 20:55

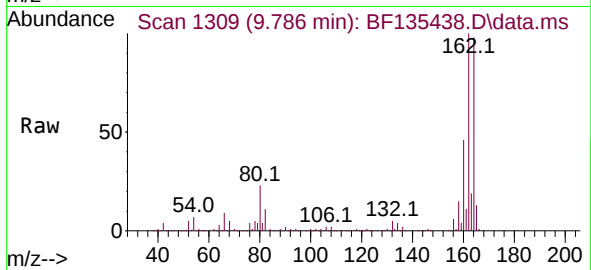
Tgt Ion:172 Resp: 1000732
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.6 19.0 28.4



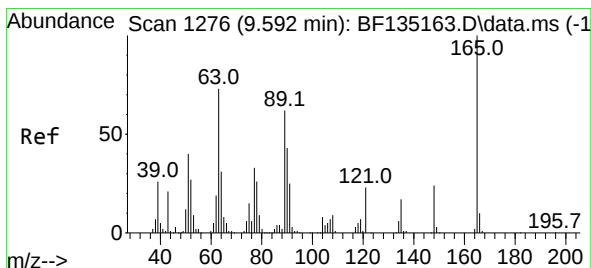
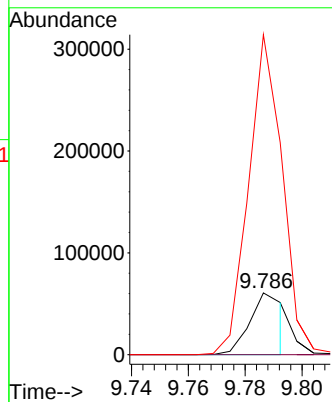
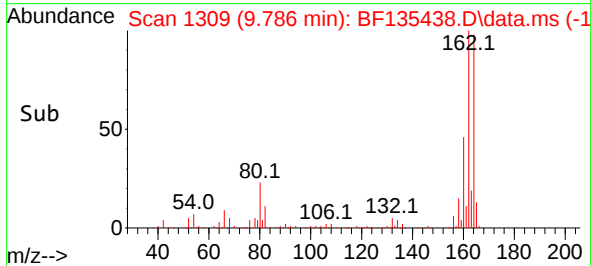


#50
Dimethylphthalate
Concen: 2.802 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.265 min
Lab File: BF135438.D
Acq: 25 Sep 2023 20:55

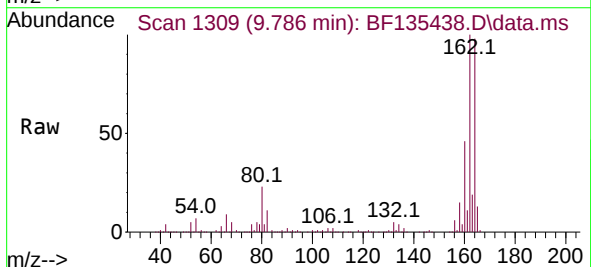
Instrument :
BNA_F
ClientSampleId :



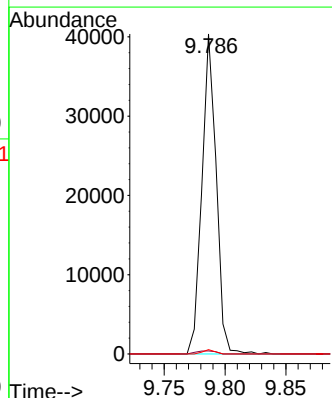
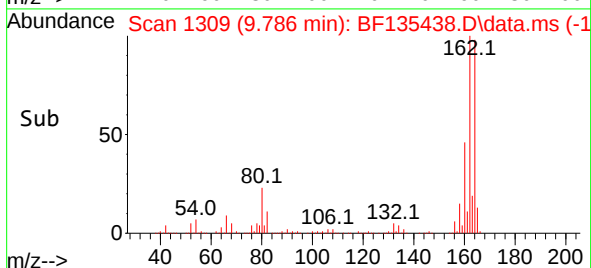
Tgt Ion:163 Resp: 49692
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 518.5 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.507 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.200 min
Lab File: BF135438.D
Acq: 25 Sep 2023 20:55



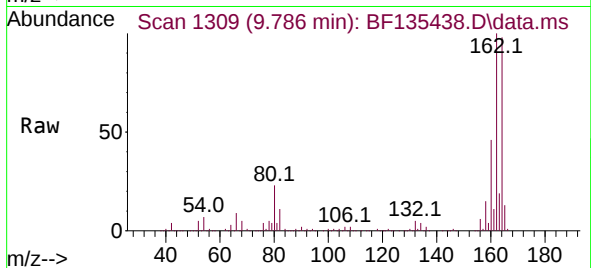
Tgt Ion:165 Resp: 33051
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 1.3 49.8 74.8#



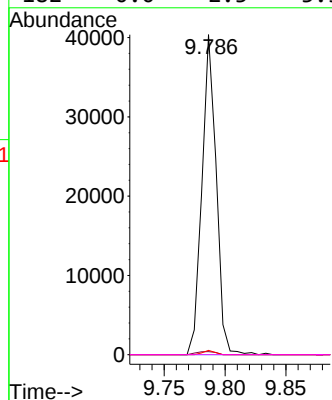
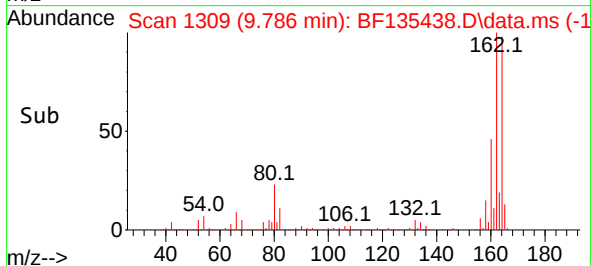


#57
2,4-Dinitrotoluene
Concen: 6.795 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135438.D
Acq: 25 Sep 2023 20:55

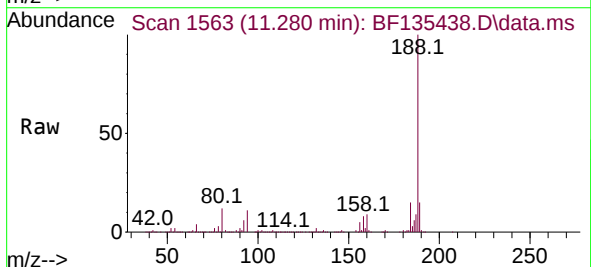
Instrument :
BNA_F
ClientSampleId :



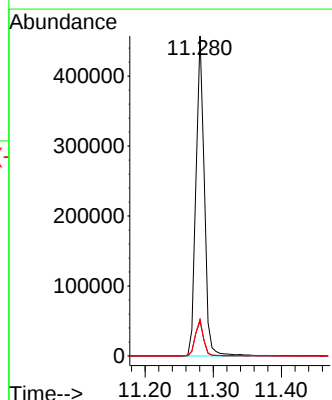
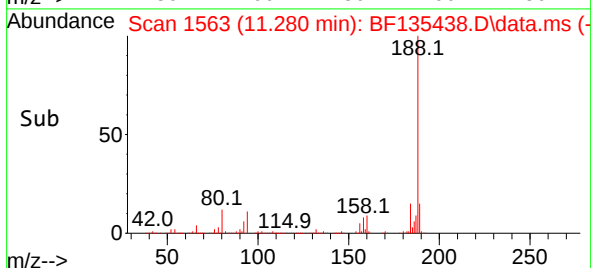
Tgt Ion:165 Resp: 33051
Ion Ratio Lower Upper
165 100
63 1.0 50.1 75.1#
89 1.3 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF135438.D
Acq: 25 Sep 2023 20:55



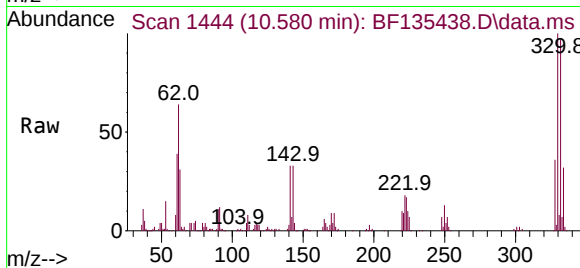
Tgt Ion:188 Resp: 387337
Ion Ratio Lower Upper
188 100
94 10.8 7.0 10.6#
80 11.5 7.5 11.3#



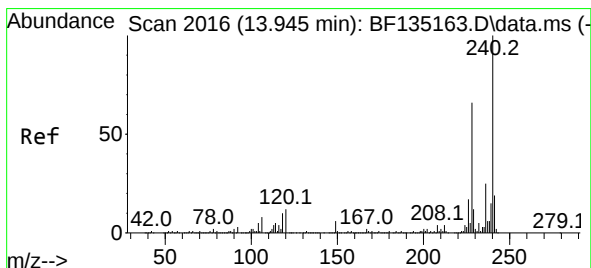
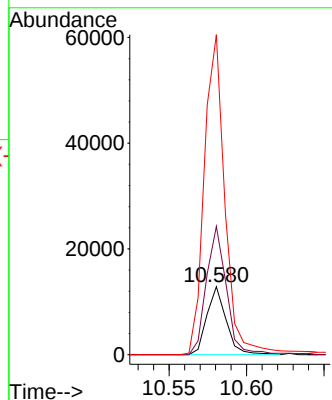
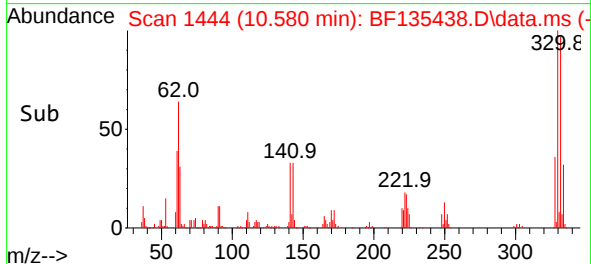


#67
4-Bromophenyl-phenylether
Concen: 2.898 ng
RT: 10.580 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF135438.D
Acq: 25 Sep 2023 20:55

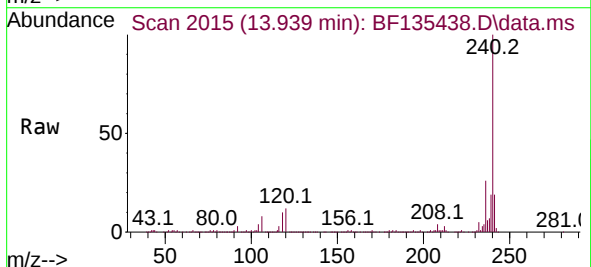
Instrument :
BNA_F
ClientSampleId :



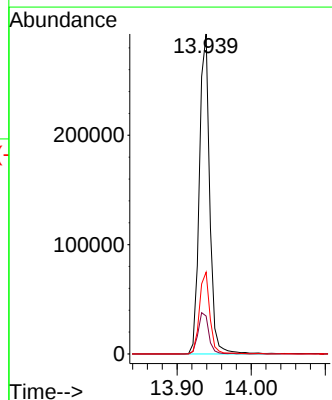
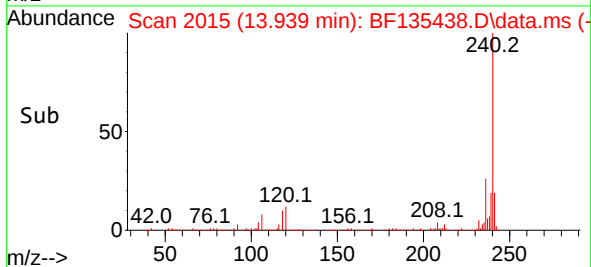
Tgt Ion:248 Resp: 11165
Ion Ratio Lower Upper
248 100
250 188.9 78.6 117.8#
141 471.0 54.2 81.2#

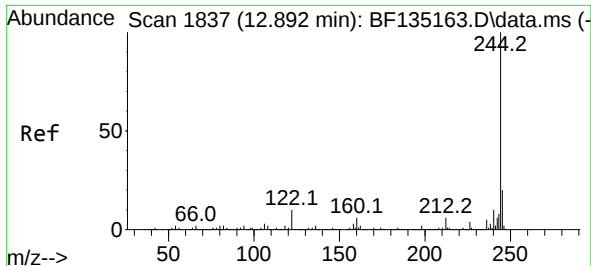


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135438.D
Acq: 25 Sep 2023 20:55



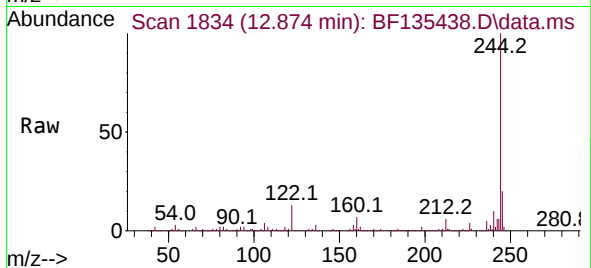
Tgt Ion:240 Resp: 282844
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 25.6 19.8 29.8



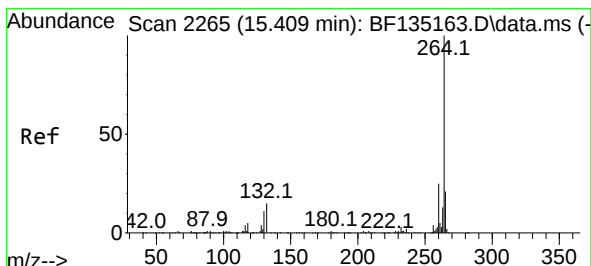
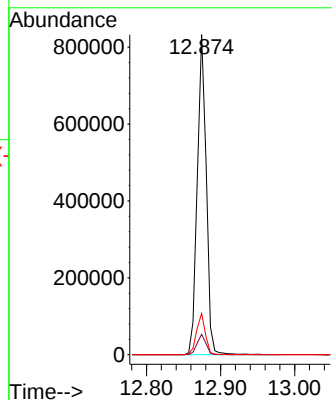
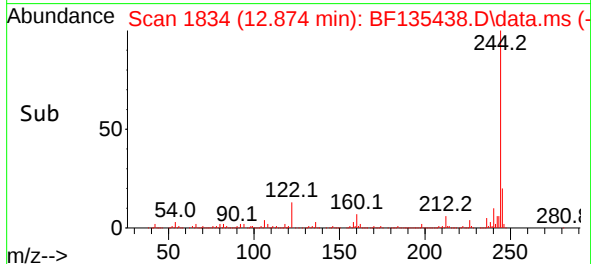


#79
 Terphenyl-d14
 Concen: 38.373 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF135438.D
 Acq: 25 Sep 2023 20:55

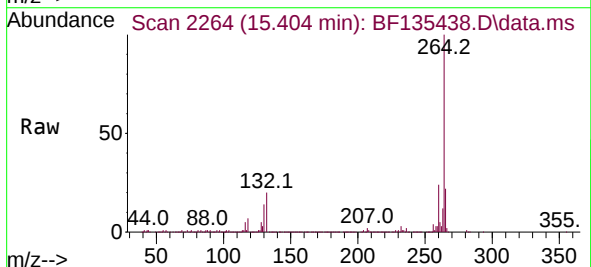
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 700141
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 12.9 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: BF135438.D
 Acq: 25 Sep 2023 20:55



Tgt Ion:264 Resp: 266791
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.8 29.6
 265 22.3 17.0 25.4

