

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135435.D
 Acq On : 25 Sep 2023 19:24
 Operator : CG\JU
 Sample : 04567-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 01:44:00 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)

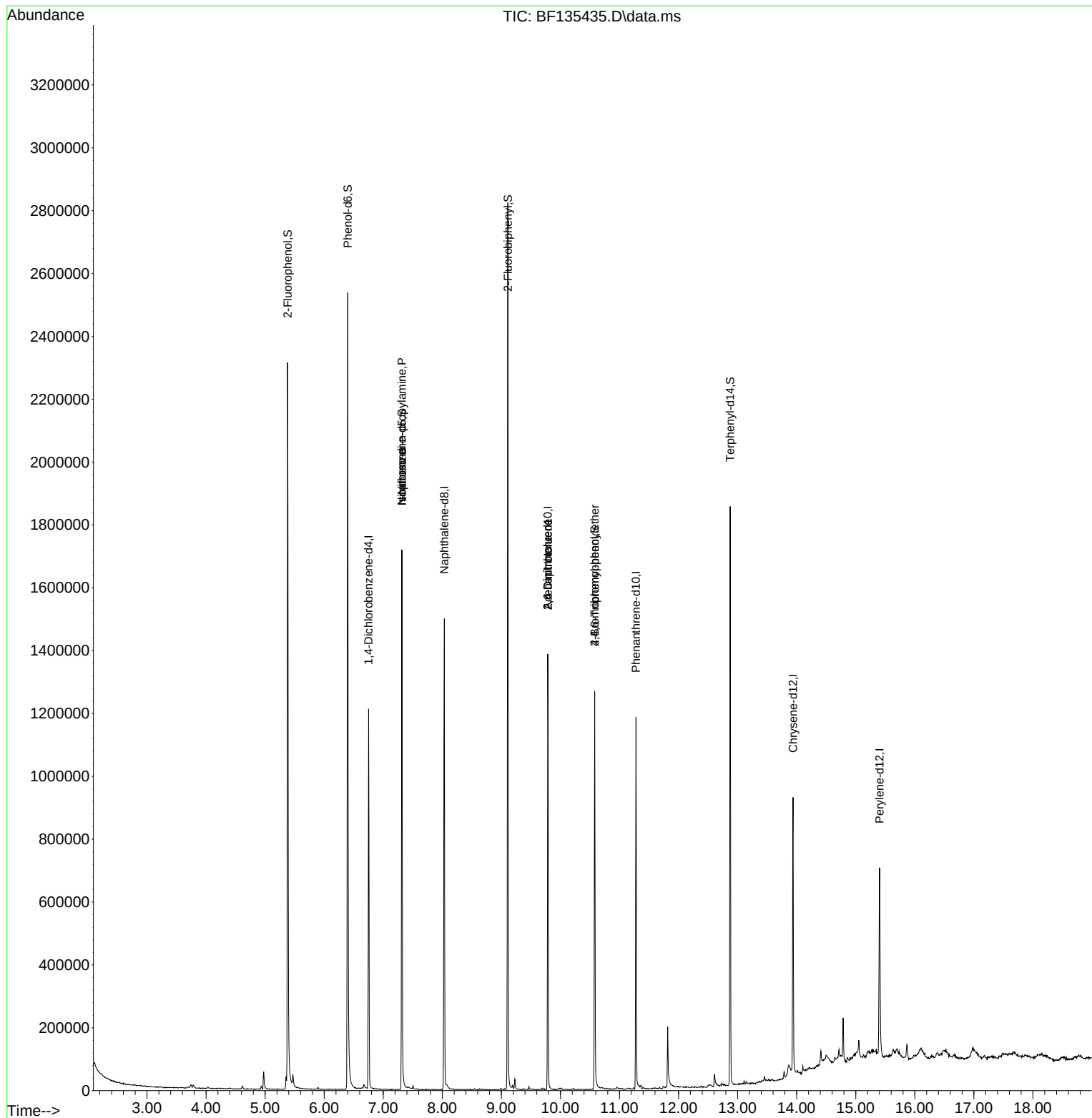
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	168908	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	618658	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	274805	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	415335	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	295729	20.000	ng	0.00
86) Perylene-d12	15.404	264	279836	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	662717	63.814	ng	0.00
7) Phenol-d6	6.398	99	835988	63.307	ng	0.00
23) Nitrobenzene-d5	7.316	82	495191	43.487	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	128552	47.073	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	842691	46.265	ng	0.00
79) Terphenyl-d14	12.874	244	597128	31.301	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.316	70	64289	7.860	ng	# 78
25) Isophorone	7.316	82	495185	23.682	ng	# 65
51) 2,6-Dinitrotoluene	9.786	165	35853	8.809	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	35853	7.036	ng	# 18
67) 4-Bromophenyl-phenylether	10.580	248	8840	2.140	ng	# 1

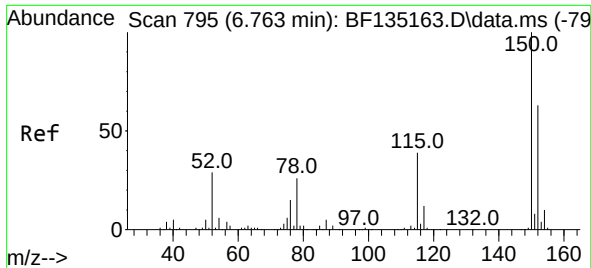
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
Data File : BF135435.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

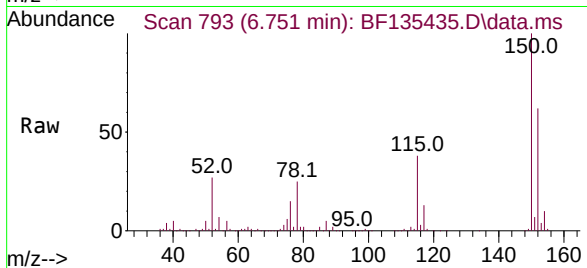
Quant Time: Sep 26 01:44:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration



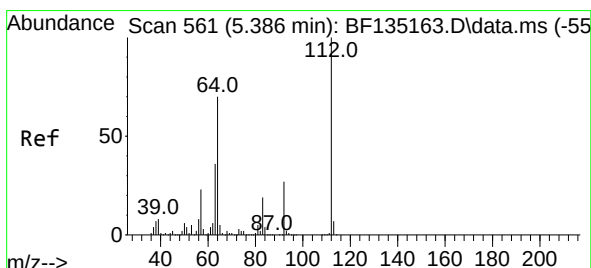
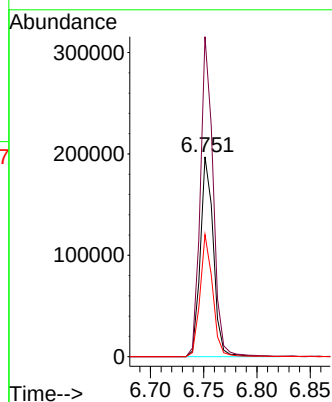
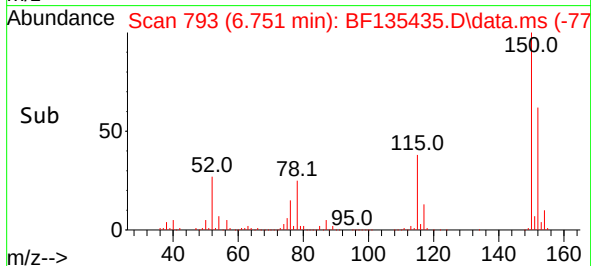


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135435.D
Acq: 25 Sep 2023 19:24

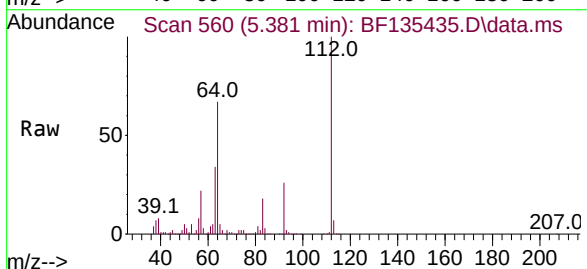
Instrument :
BNA_F
ClientSampleId :



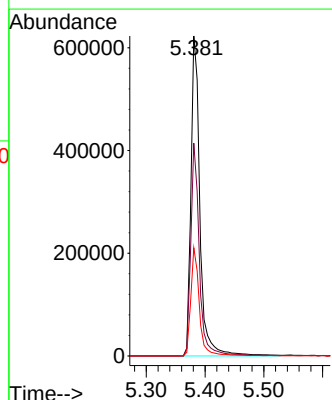
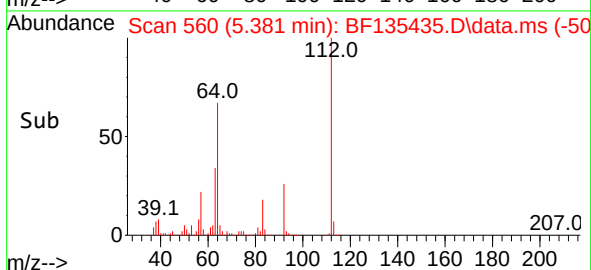
Tgt Ion:152 Resp: 168908
Ion Ratio Lower Upper
152 100
150 160.1 127.8 191.6
115 61.1 49.8 74.8

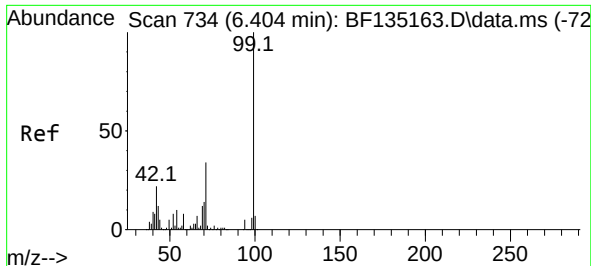


#5
2-Fluorophenol
Concen: 63.814 ng
RT: 5.381 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF135435.D
Acq: 25 Sep 2023 19:24



Tgt Ion:112 Resp: 662717
Ion Ratio Lower Upper
112 100
64 66.5 55.9 83.9
63 33.8 29.0 43.6

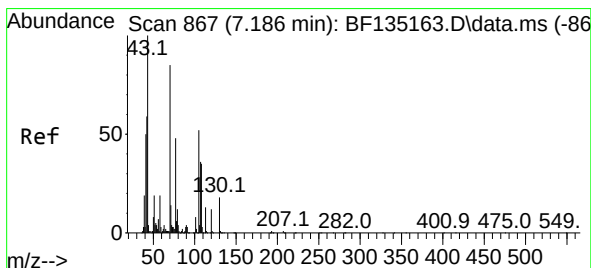
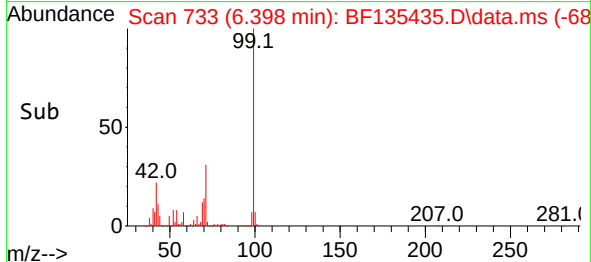
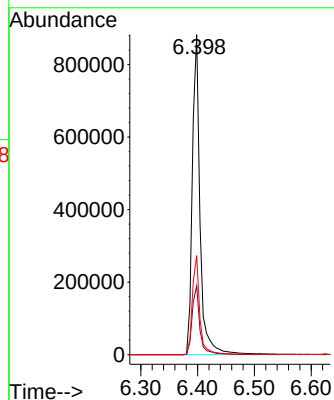
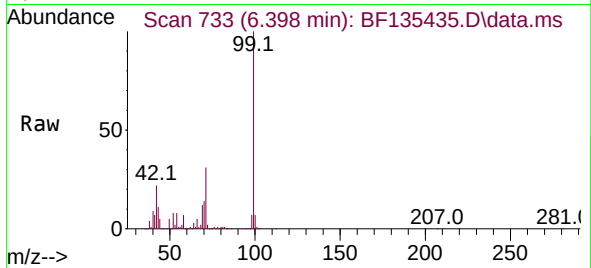




#7
Phenol-d6
Concen: 63.307 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135435.D
Acq: 25 Sep 2023 19:24

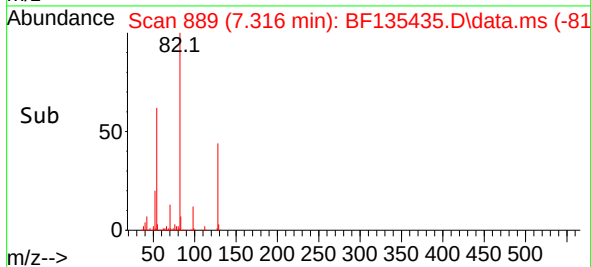
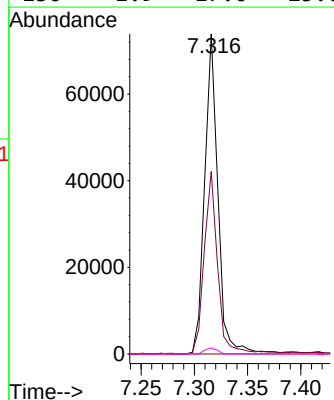
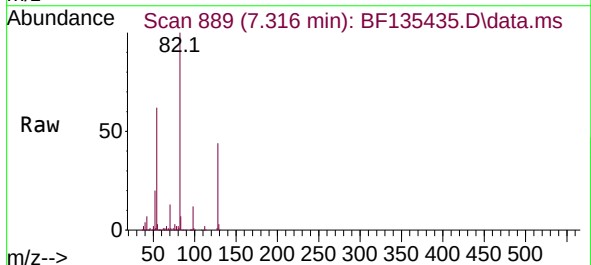
Instrument :
BNA_F
ClientSampleId :

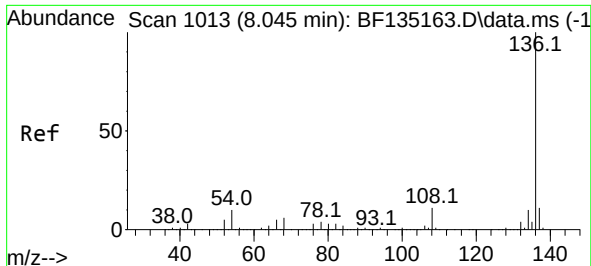
Tgt Ion: 99 Resp: 835988
Ion Ratio Lower Upper
99 100
42 21.5 17.9 26.9
71 31.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 7.860 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF135435.D
Acq: 25 Sep 2023 19:24

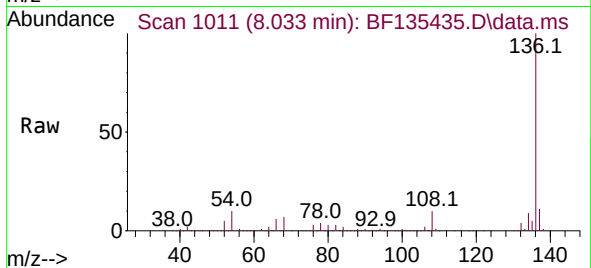
Tgt Ion: 70 Resp: 64289
Ion Ratio Lower Upper
70 100
42 57.0 55.4 83.0
101 0.0 7.7 11.5#
130 1.9 17.0 25.6#



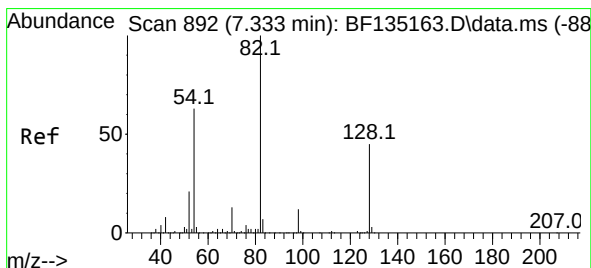
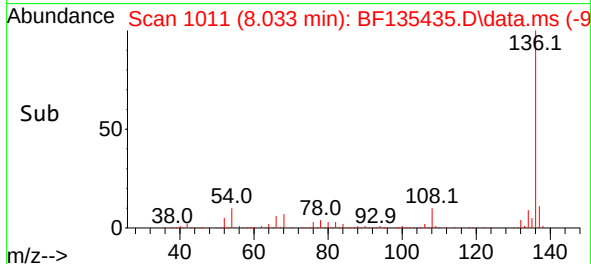
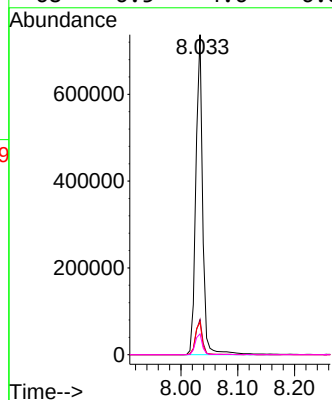


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135435.D
Acq: 25 Sep 2023 19:24

Instrument :
BNA_F
ClientSampleId :

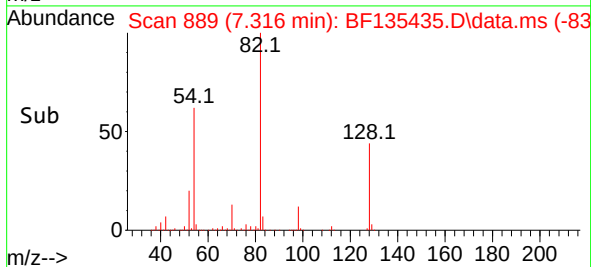
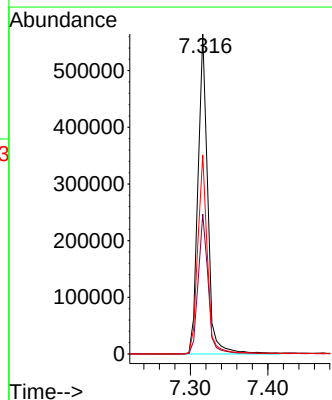
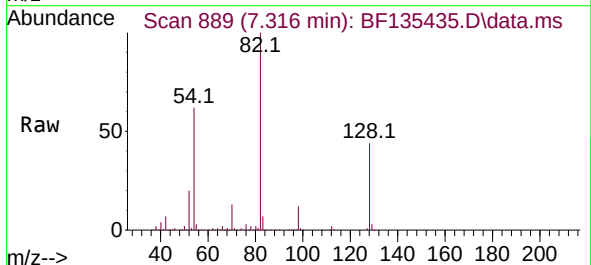


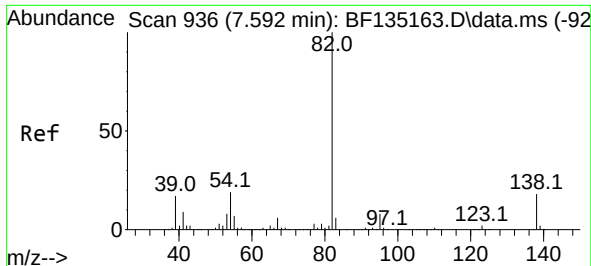
Tgt Ion:136 Resp: 618658
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.1 7.7 11.5
68 6.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 43.487 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF135435.D
Acq: 25 Sep 2023 19:24

Tgt Ion: 82 Resp: 495191
Ion Ratio Lower Upper
82 100
128 43.7 35.8 53.6
54 62.2 50.6 76.0

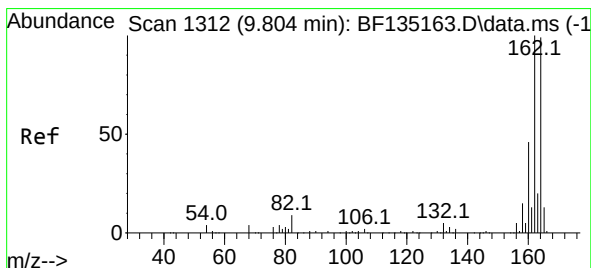
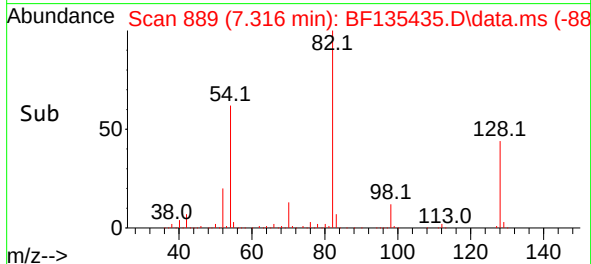
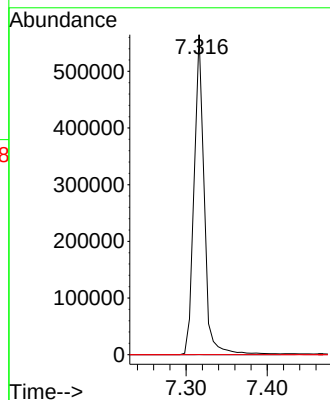
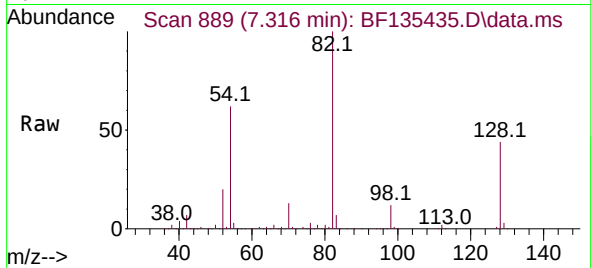




#25
Isophorone
Concen: 23.682 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135435.D
Acq: 25 Sep 2023 19:24

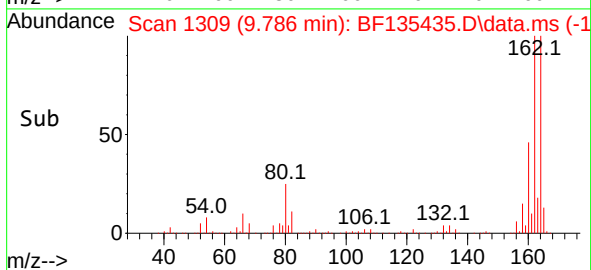
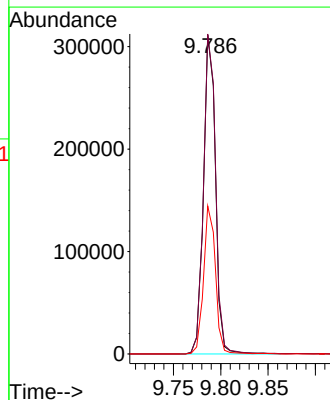
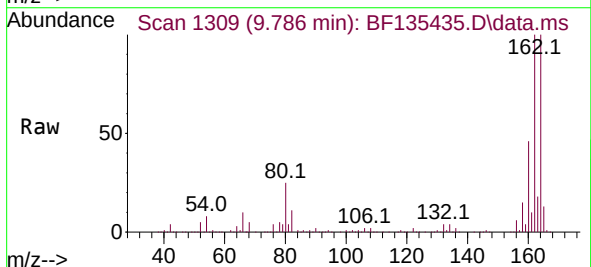
Instrument :
BNA_F
ClientSampleId :

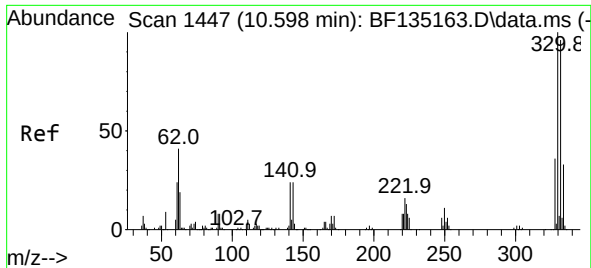
Tgt Ion: 82 Resp: 495185
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135435.D
Acq: 25 Sep 2023 19:24

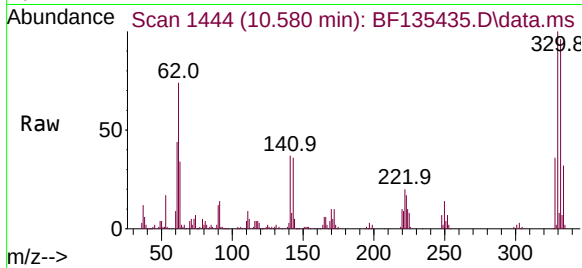
Tgt Ion:164 Resp: 274805
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 46.4 37.0 55.4



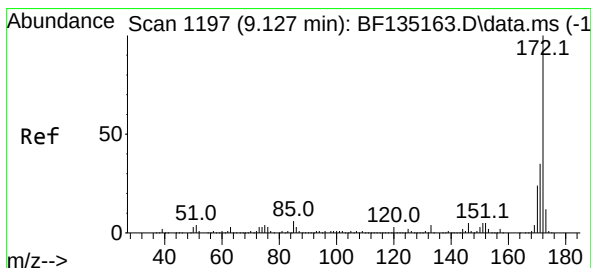
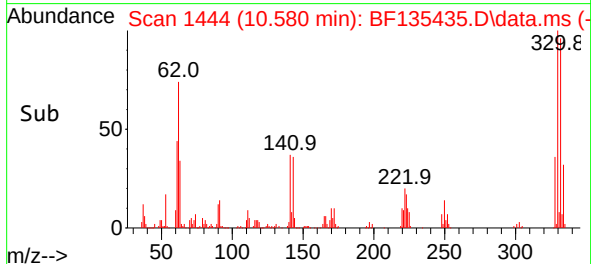
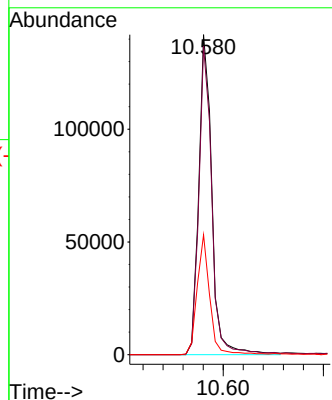


#42
 2,4,6-Tribromophenol
 Concen: 47.073 ng
 RT: 10.580 min Scan# 1444
 Delta R.T. -0.006 min
 Lab File: BF135435.D
 Acq: 25 Sep 2023 19:24

Instrument :
 BNA_F
 ClientSampleId :

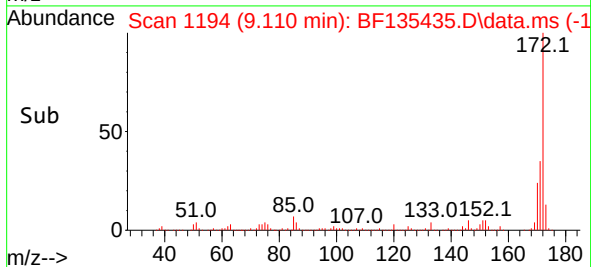
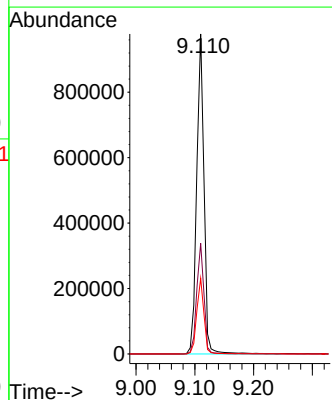
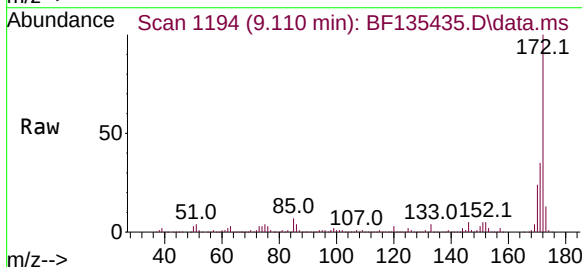


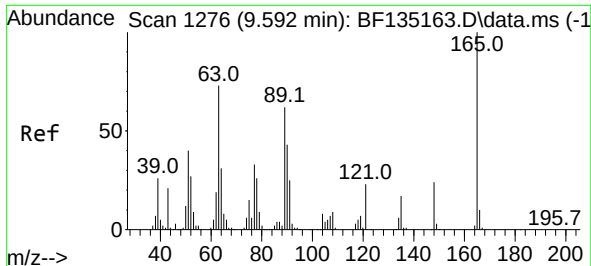
Tgt Ion:330 Resp: 128552
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.3 115.9
 141 36.0 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 46.265 ng
 RT: 9.110 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: BF135435.D
 Acq: 25 Sep 2023 19:24

Tgt Ion:172 Resp: 842691
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.4 42.6
 170 23.6 19.0 28.4

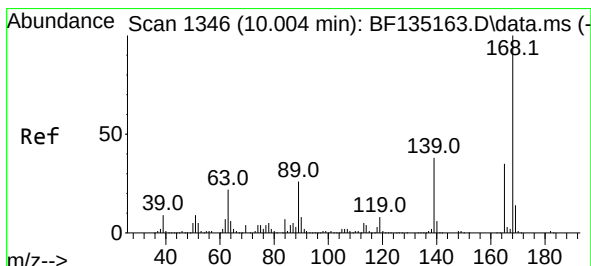
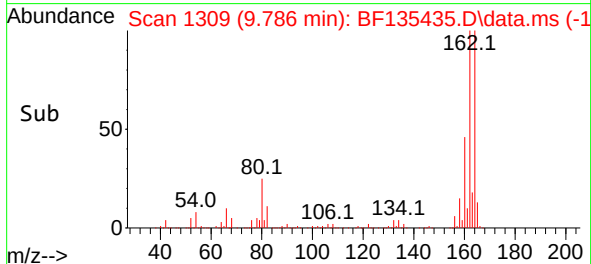
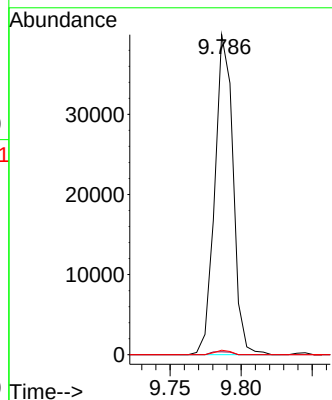
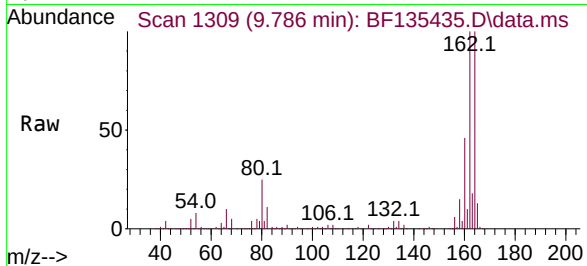




#51
2,6-Dinitrotoluene
Concen: 8.809 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.200 min
Lab File: BF135435.D
Acq: 25 Sep 2023 19:24

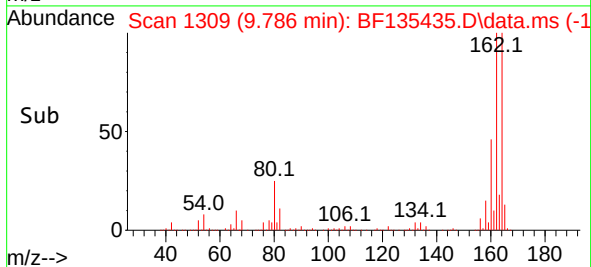
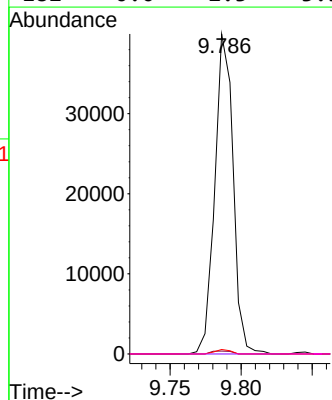
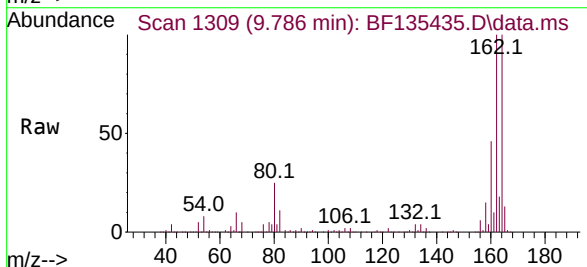
Instrument :
BNA_F
ClientSampleId :

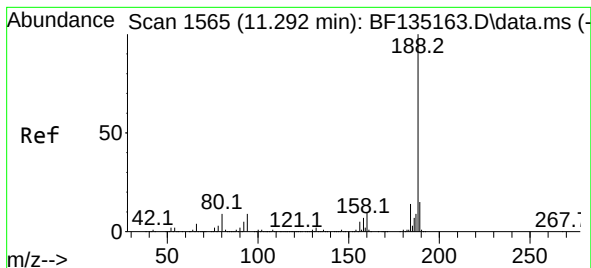
Tgt Ion:165 Resp: 35853
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.2#
89 1.4 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 7.036 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.212 min
Lab File: BF135435.D
Acq: 25 Sep 2023 19:24

Tgt Ion:165 Resp: 35853
Ion Ratio Lower Upper
165 100
63 0.9 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# 11

Delta R.T. -0.006 min

Lab File: BF135435.D

Acq: 25 Sep 2023 19:24

Instrument :

BNA_F

ClientSampleId :

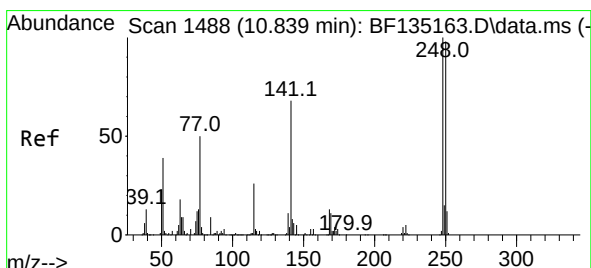
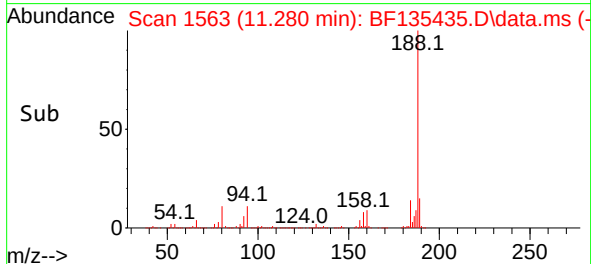
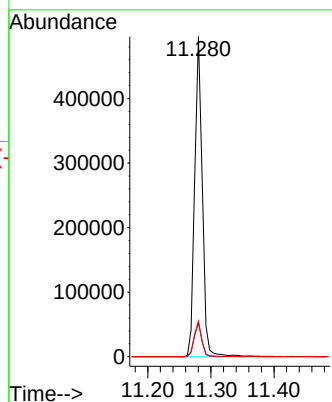
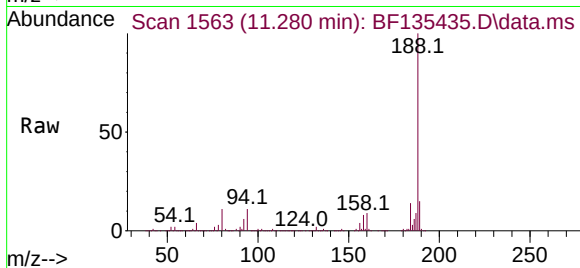
Tgt Ion:188 Resp: 415335

Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.6#

80 11.2 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 2.140 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.247 min

Lab File: BF135435.D

Acq: 25 Sep 2023 19:24

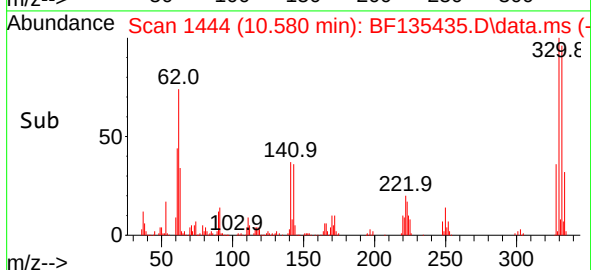
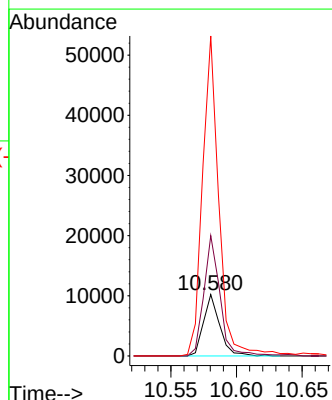
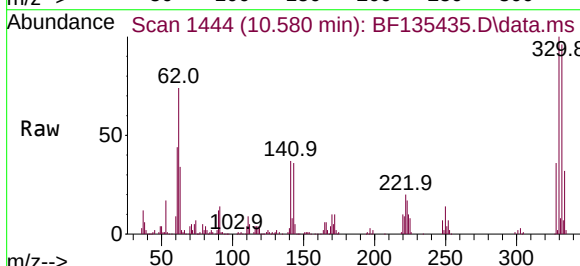
Tgt Ion:248 Resp: 8840

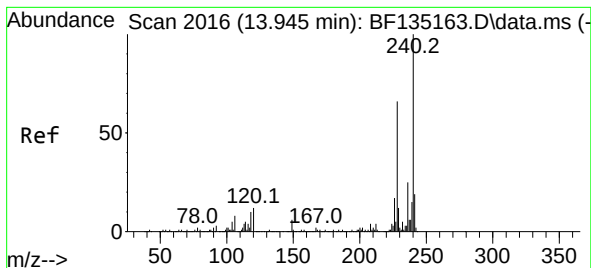
Ion Ratio Lower Upper

248 100

250 195.8 78.6 117.8#

141 520.8 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: BF135435.D

Acq: 25 Sep 2023 19:24

Instrument :

BNA_F

ClientSampleId :

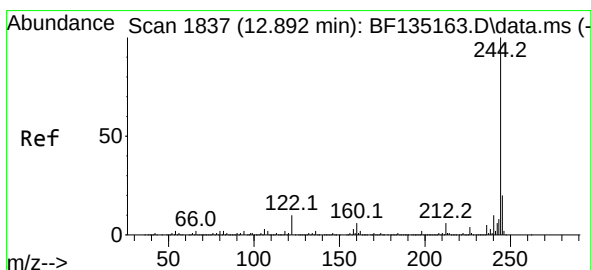
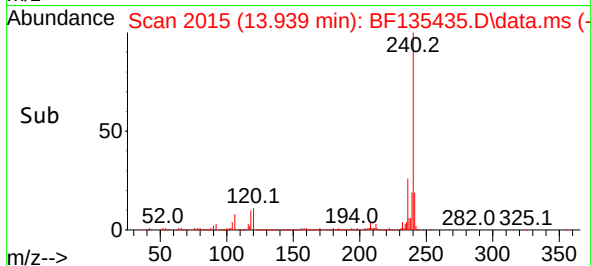
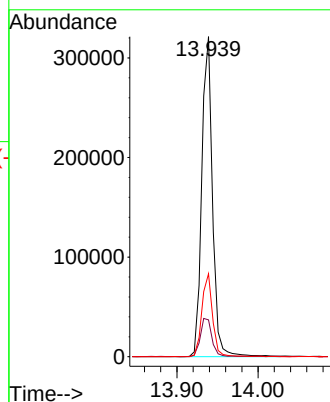
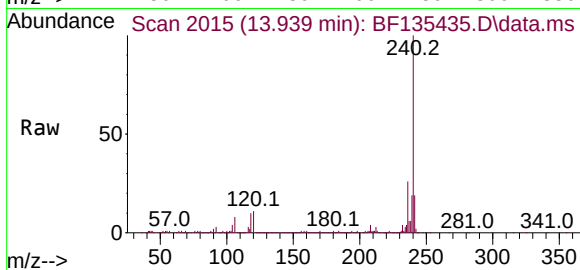
Tgt Ion:240 Resp: 295729

Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

236 25.9 19.8 29.8



#79

Terphenyl-d14

Concen: 31.301 ng

RT: 12.874 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BF135435.D

Acq: 25 Sep 2023 19:24

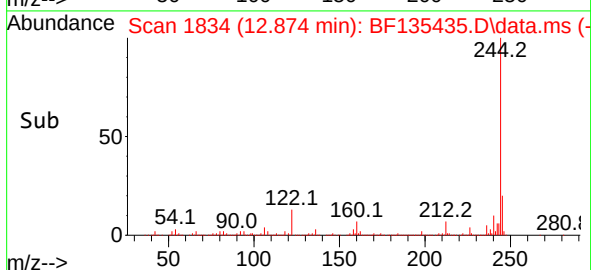
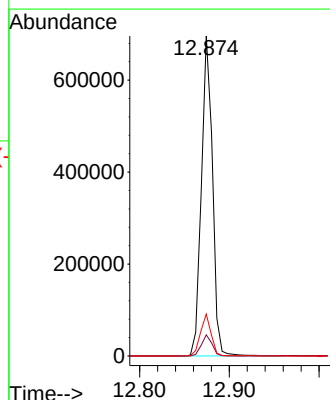
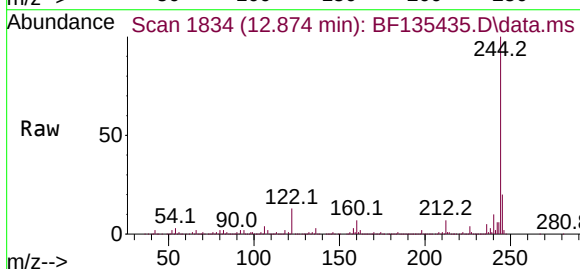
Tgt Ion:244 Resp: 597128

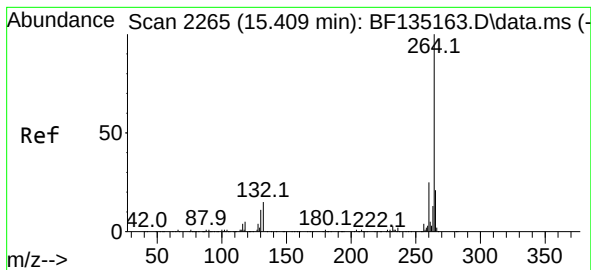
Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 13.1 7.9 11.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 21

Delta R.T. -0.000 min

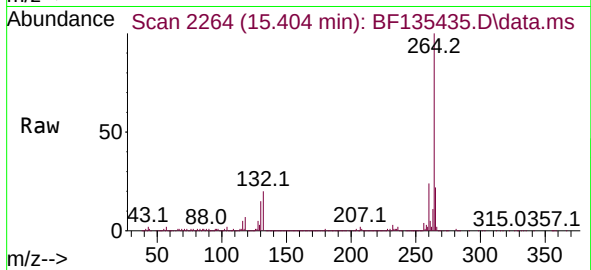
Lab File: BF135435.D

Acq: 25 Sep 2023 19:24

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 279836

Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

265 21.7 17.0 25.4

