

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135441.D
 Acq On : 25 Sep 2023 22:27
 Operator : CG\JU
 Sample : 04521-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 01:45:59 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)

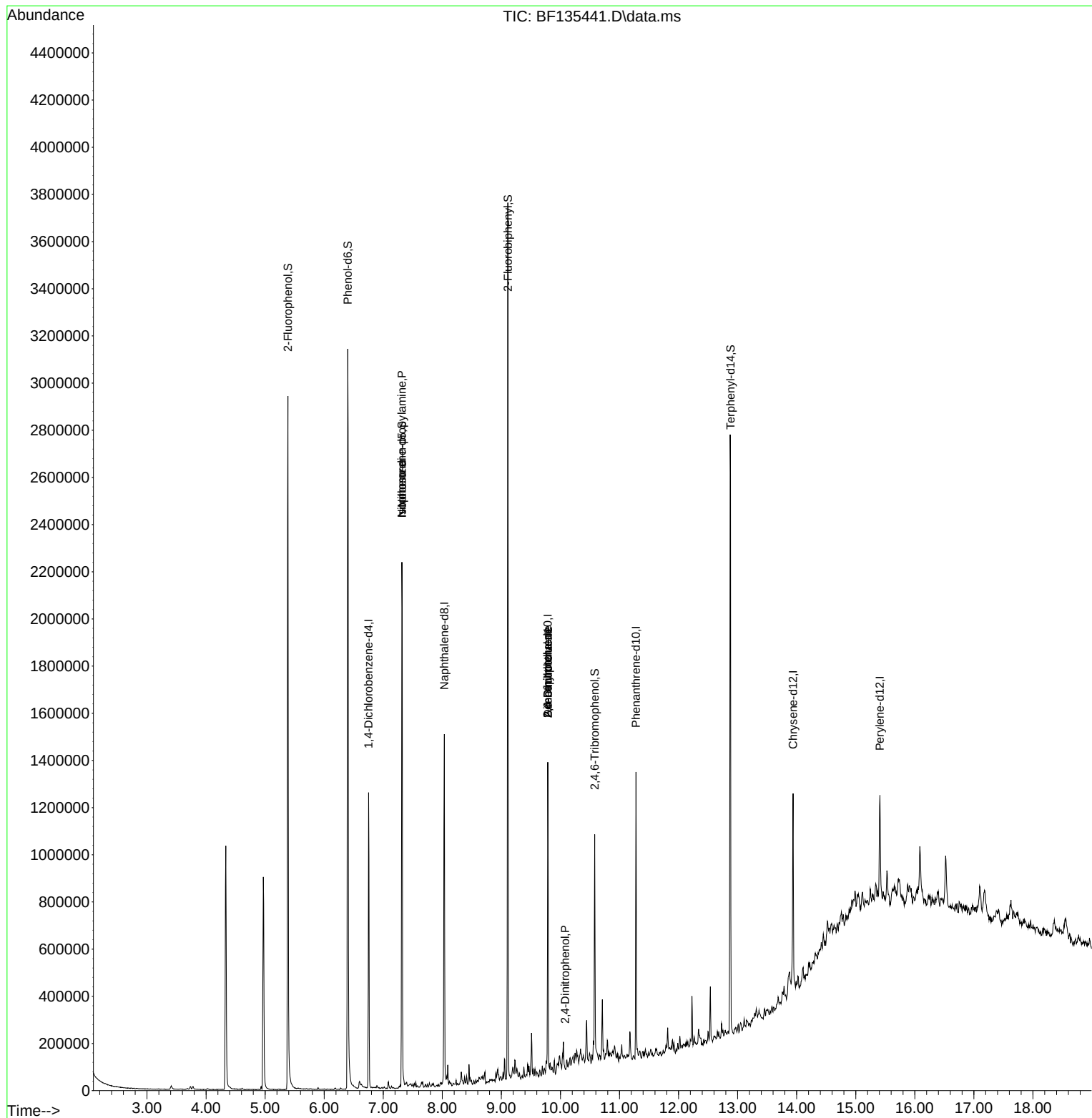
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	176364	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	621453	20.000	ng	# 0.00
39) Acenaphthene-d10	9.786	164	239956	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	405963	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	278682	20.000	ng	0.00
86) Perylene-d12	15.409	264	216323	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	817161	75.359	ng	0.00
7) Phenol-d6	6.398	99	1155082	83.773	ng	0.00
23) Nitrobenzene-d5	7.316	82	716092	62.603	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	100619	42.196	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1069520	67.246	ng	0.00
79) Terphenyl-d14	12.880	244	957178	53.244	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.316	70	94021	11.009	ng	# 81
25) Isophorone	7.316	82	715612	34.070	ng	# 65
50) Dimethylphthalate	9.786	163	44790	2.761	ng	# 1
51) 2,6-Dinitrotoluene	9.786	165	32848	9.242	ng	# 17
54) 2,4-Dinitrophenol	10.080	184	309	6.389	ng	# 24
57) 2,4-Dinitrotoluene	9.786	165	32848	7.383	ng	# 18

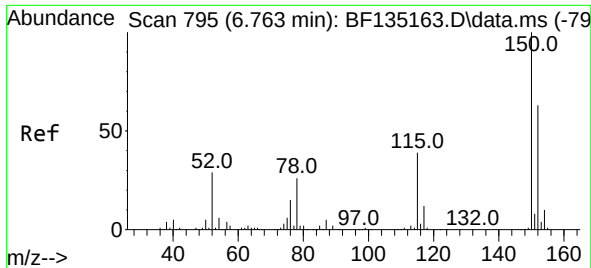
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
Data File : BF135441.D
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Operator : CG\JU
Sample : 04521-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

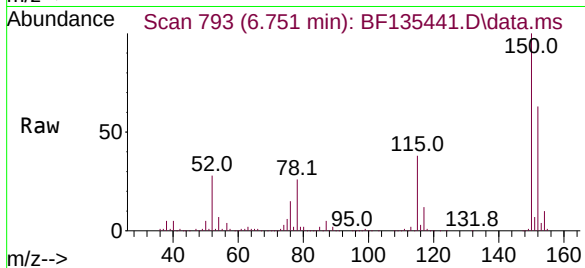
Quant Time: Sep 26 01:45:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration



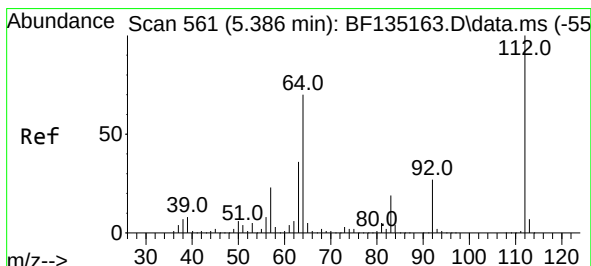
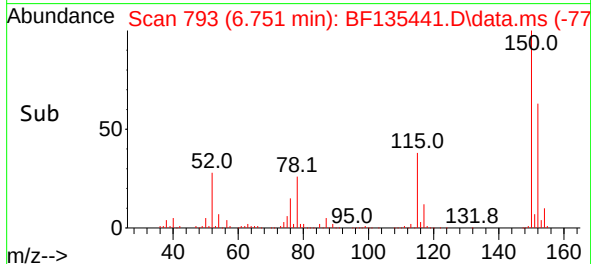
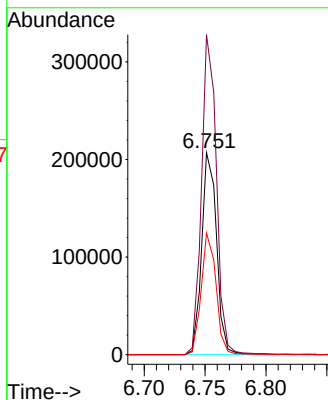


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.751 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135441.D
 Acq: 25 Sep 2023 22:27

Instrument :
 BNA_F
 ClientSampleId :

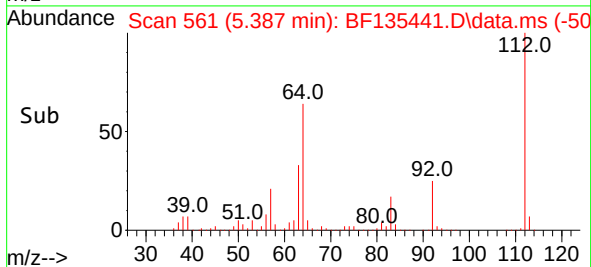
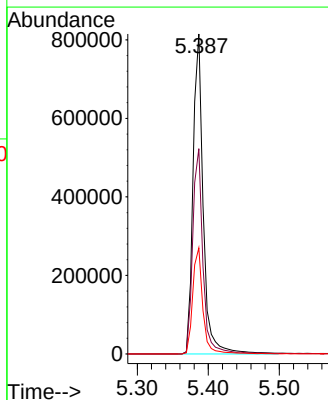
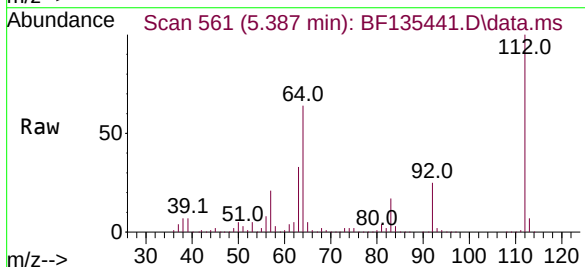


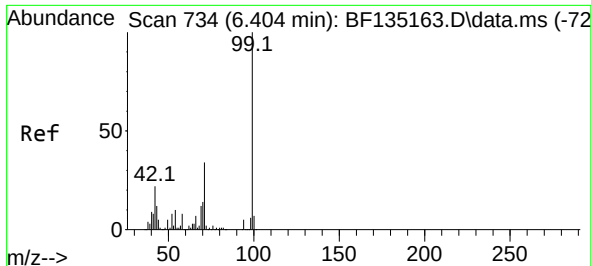
Tgt Ion:152 Resp: 176364
 Ion Ratio Lower Upper
 152 100
 150 158.4 127.8 191.6
 115 60.3 49.8 74.8



#5
 2-Fluorophenol
 Concen: 75.359 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: BF135441.D
 Acq: 25 Sep 2023 22:27

Tgt Ion:112 Resp: 817161
 Ion Ratio Lower Upper
 112 100
 64 64.1 55.9 83.9
 63 33.2 29.0 43.6

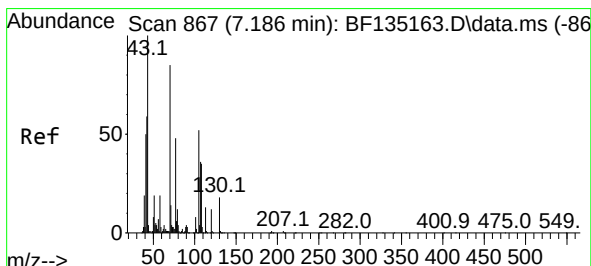
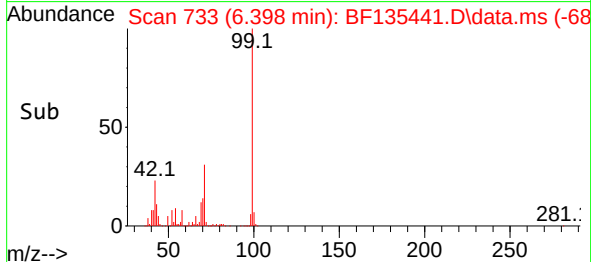
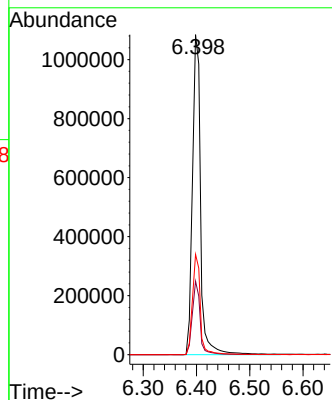
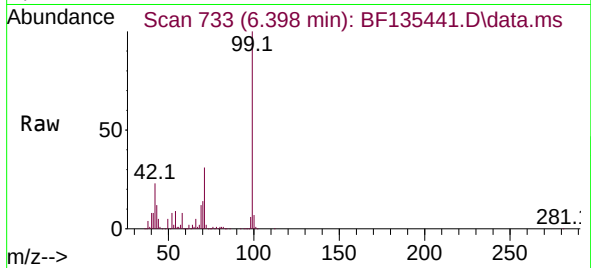




#7
Phenol-d6
Concen: 83.773 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135441.D
Acq: 25 Sep 2023 22:27

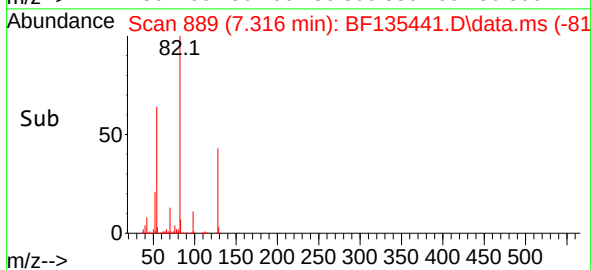
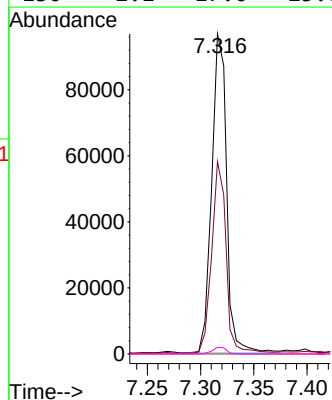
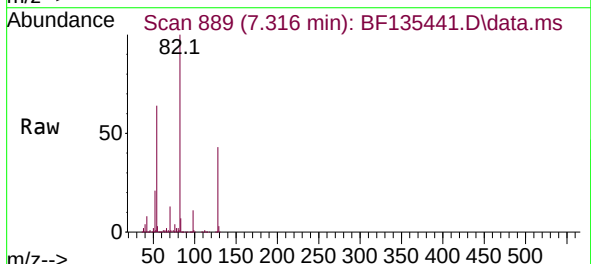
Instrument :
BNA_F
ClientSampleId :

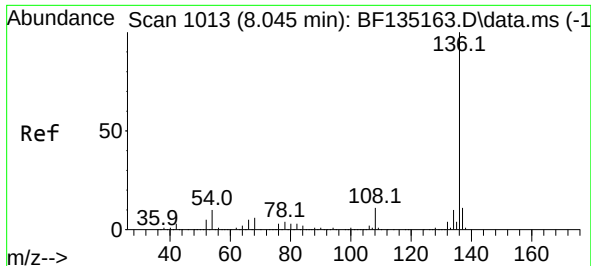
Tgt Ion: 99 Resp: 1155082
Ion Ratio Lower Upper
99 100
42 23.0 17.9 26.9
71 31.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.009 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF135441.D
Acq: 25 Sep 2023 22:27

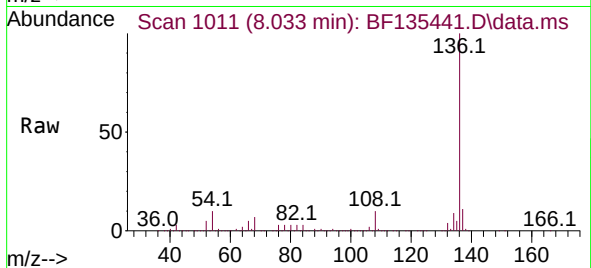
Tgt Ion: 70 Resp: 94021
Ion Ratio Lower Upper
70 100
42 60.2 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#



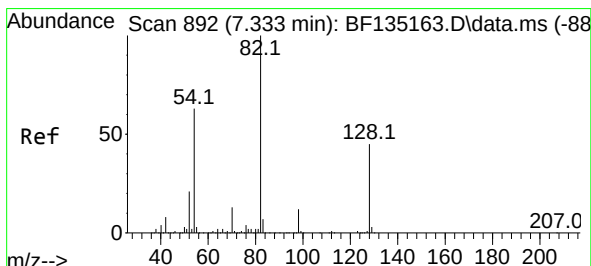
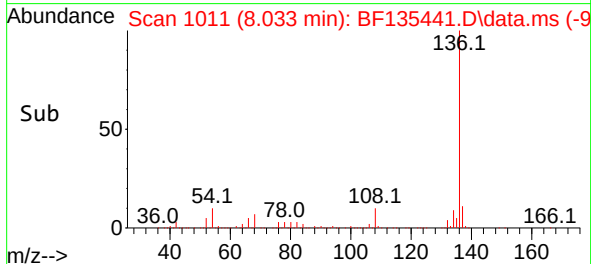
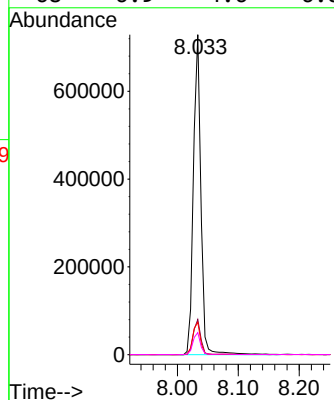


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135441.D
Acq: 25 Sep 2023 22:27

Instrument :
BNA_F
ClientSampleId :

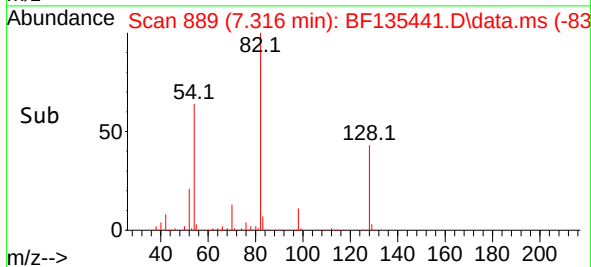
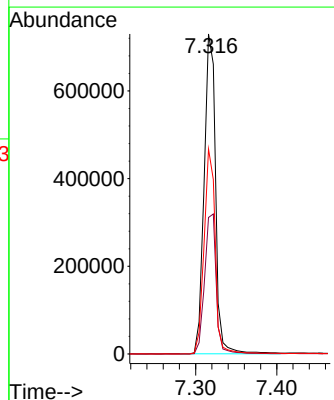
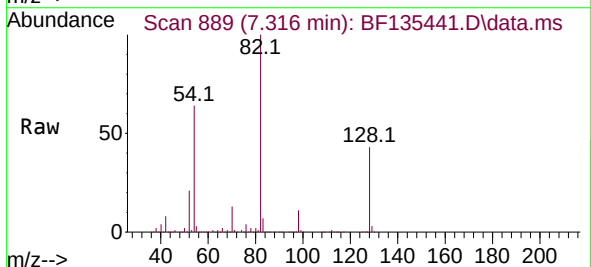


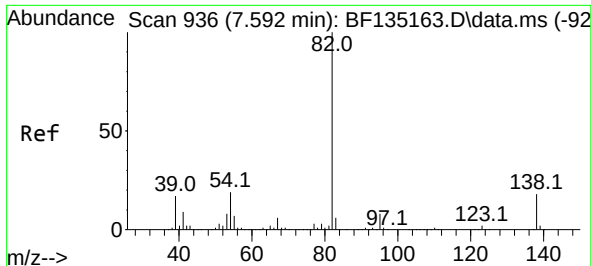
Tgt Ion:136 Resp: 621453
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.1 7.7 11.5
68 6.9 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 62.603 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF135441.D
Acq: 25 Sep 2023 22:27

Tgt Ion: 82 Resp: 716092
Ion Ratio Lower Upper
82 100
128 42.6 35.8 53.6
54 64.1 50.6 76.0

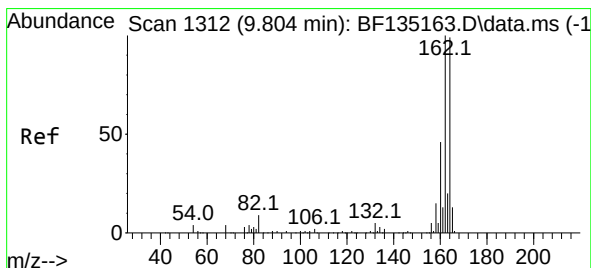
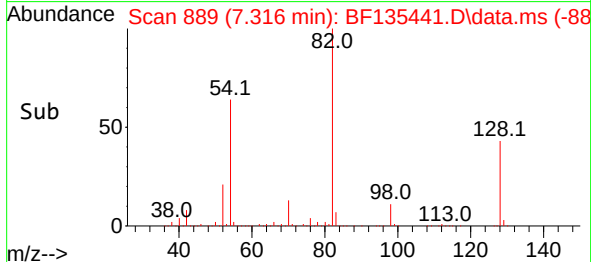
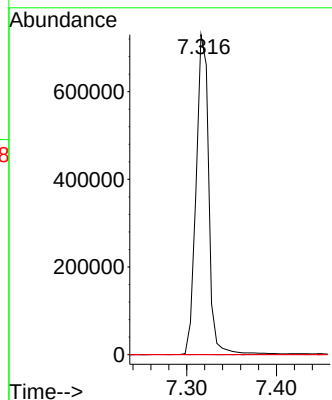
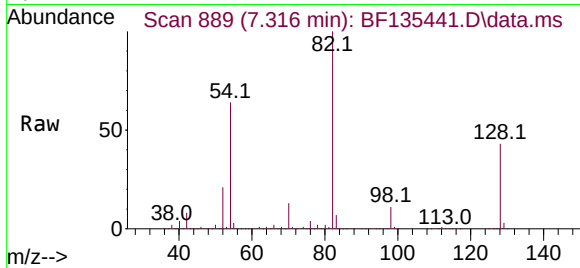




#25
Isophorone
Concen: 34.070 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135441.D
Acq: 25 Sep 2023 22:27

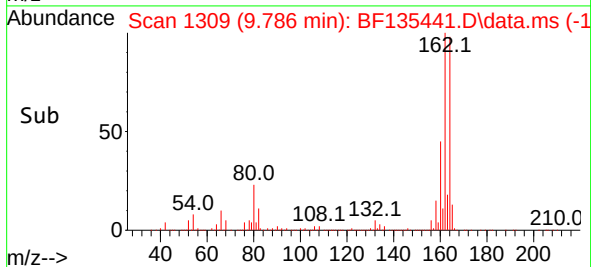
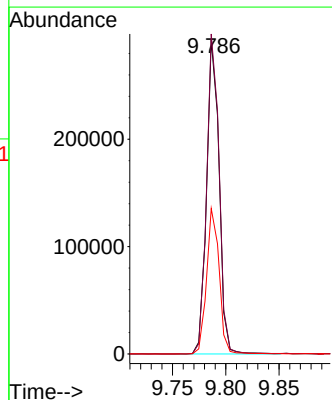
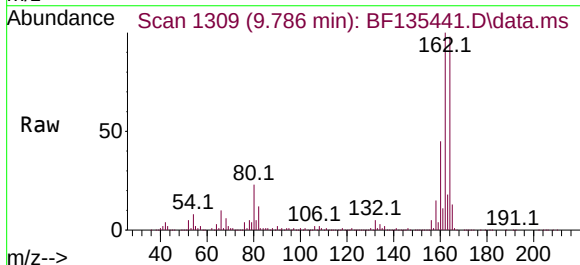
Instrument :
BNA_F
ClientSampleId :

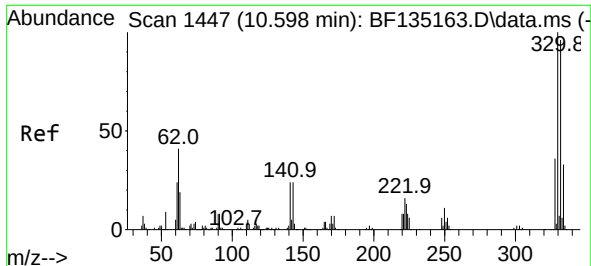
Tgt Ion: 82 Resp: 715612
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135441.D
Acq: 25 Sep 2023 22:27

Tgt Ion:164 Resp: 239956
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.4
160 46.4 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 42.196 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

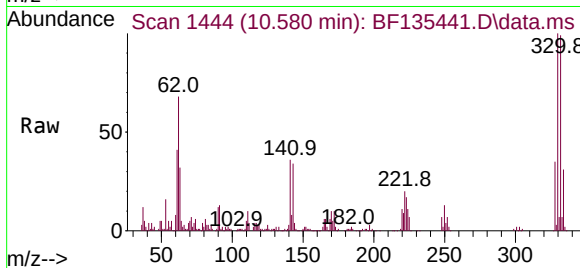
Lab File: BF135441.D

Acq: 25 Sep 2023 22:27

Instrument :

BNA_F

ClientSampleId :



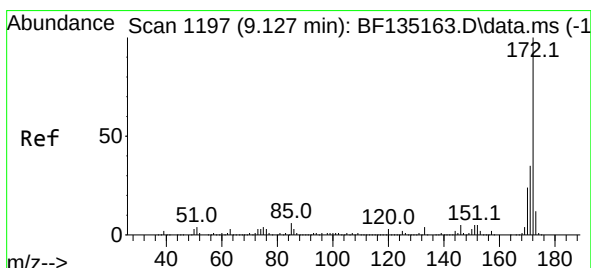
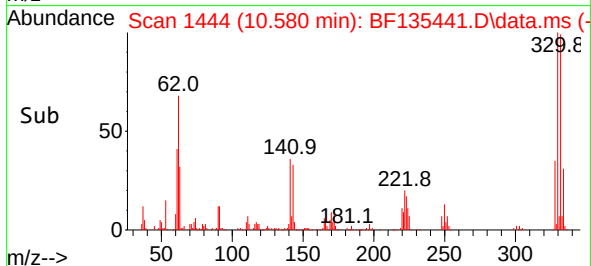
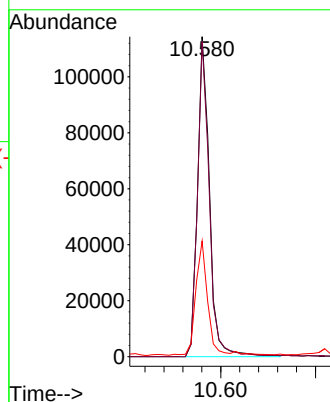
Tgt Ion:330 Resp: 100619

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 34.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 67.246 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF135441.D

Acq: 25 Sep 2023 22:27

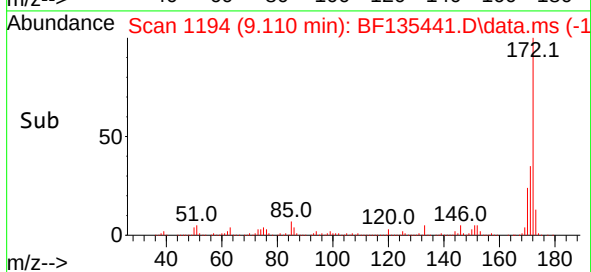
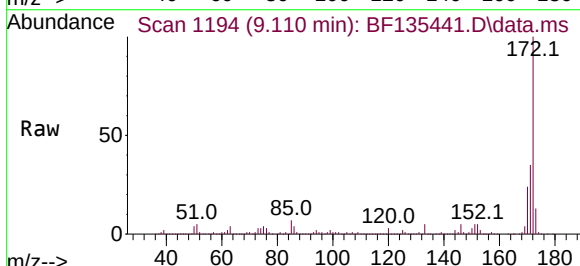
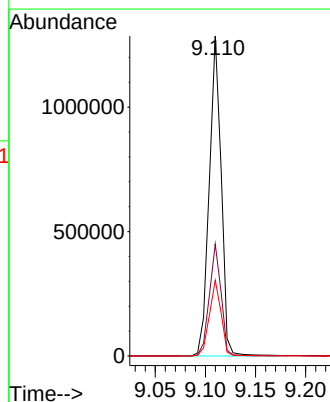
Tgt Ion:172 Resp: 1069520

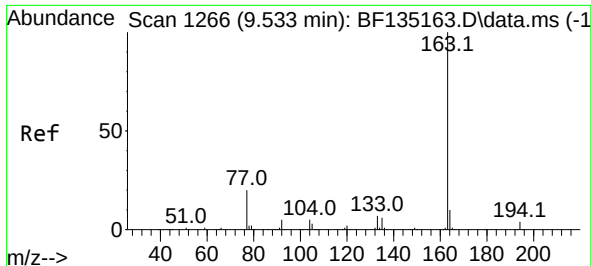
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.6 19.0 28.4

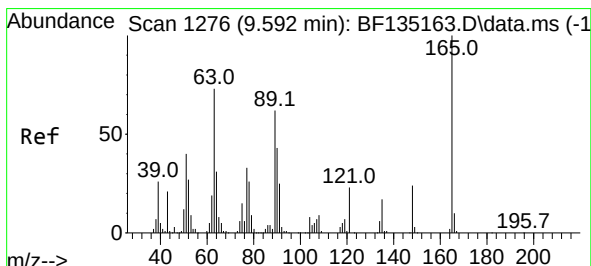
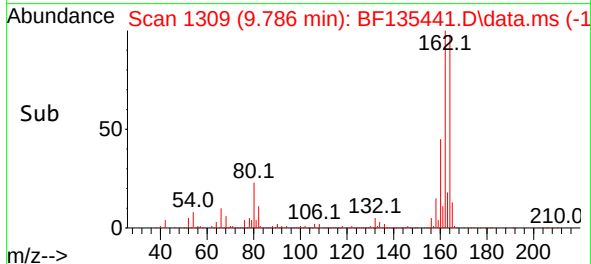
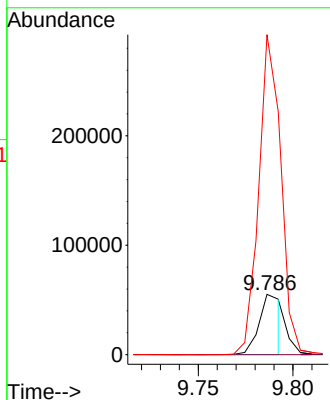
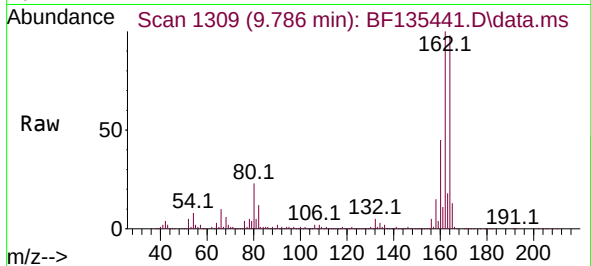




#50
Dimethylphthalate
Concen: 2.761 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.265 min
Lab File: BF135441.D
Acq: 25 Sep 2023 22:27

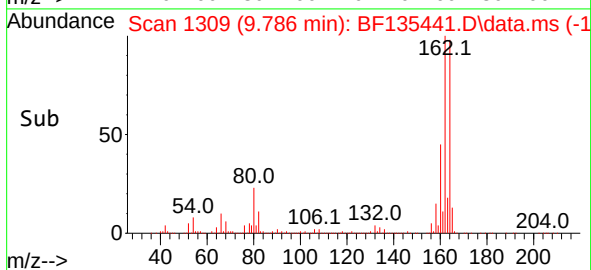
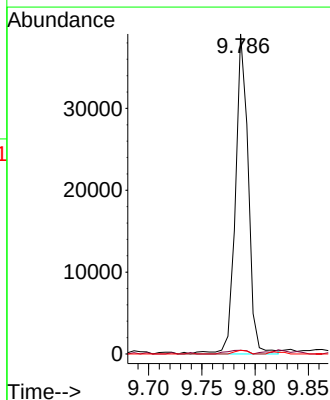
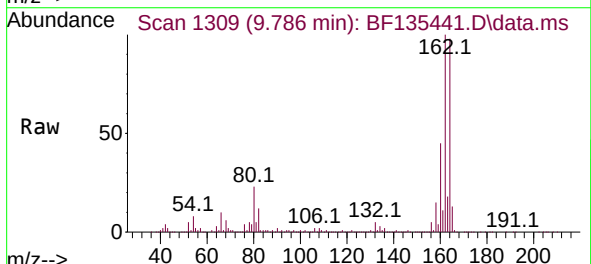
Instrument :
BNA_F
ClientSampleId :

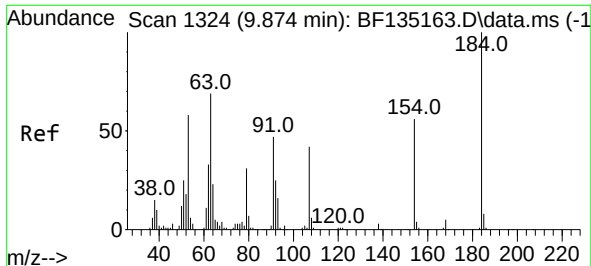
Tgt Ion:163 Resp: 44790
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 530.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 9.242 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.200 min
Lab File: BF135441.D
Acq: 25 Sep 2023 22:27

Tgt Ion:165 Resp: 32848
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 1.1 49.8 74.8#

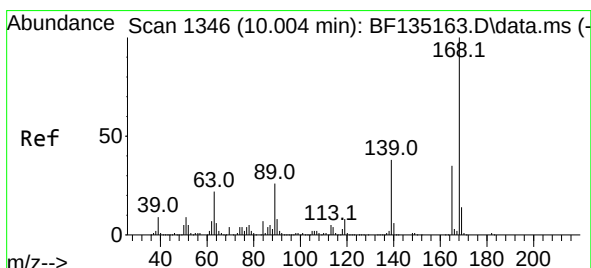
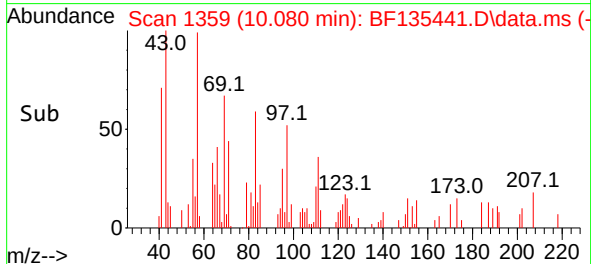
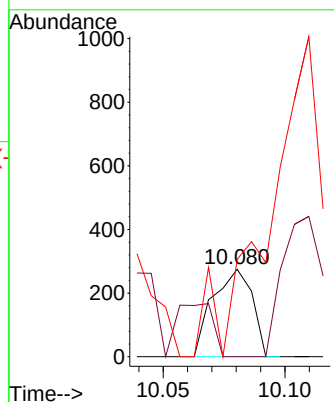
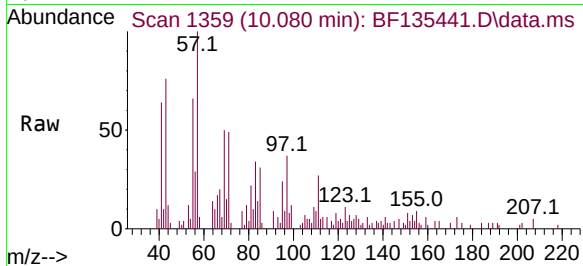




#54
2,4-Dinitrophenol
Concen: 6.389 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF135441.D
Acq: 25 Sep 2023 22:27

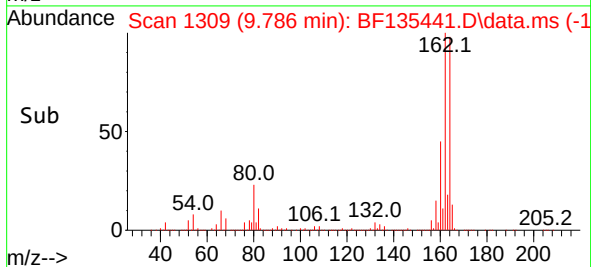
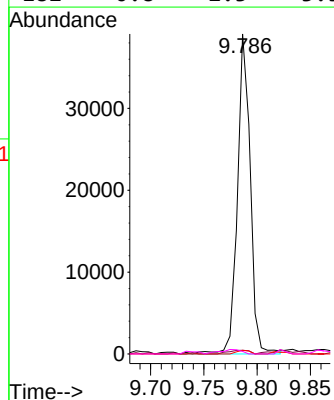
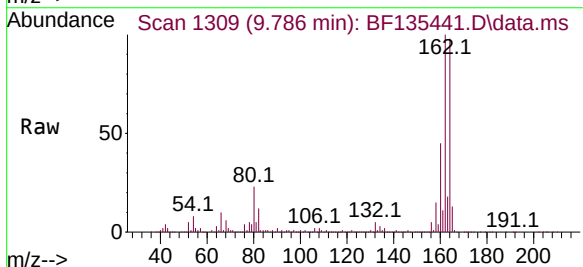
Instrument :
BNA_F
ClientSampleId :

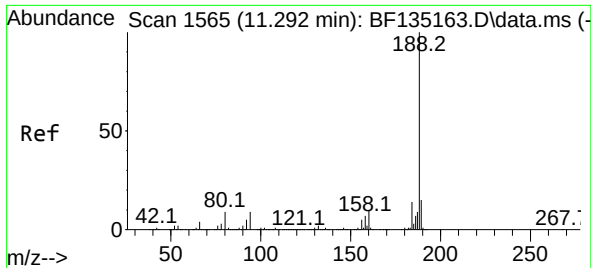
Tgt Ion:184 Resp: 309
Ion Ratio Lower Upper
184 100
63 0.0 55.1 82.7#
154 111.3 48.4 72.6#



#57
2,4-Dinitrotoluene
Concen: 7.383 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.212 min
Lab File: BF135441.D
Acq: 25 Sep 2023 22:27

Tgt Ion:165 Resp: 32848
Ion Ratio Lower Upper
165 100
63 1.1 50.1 75.1#
89 1.1 59.3 88.9#
182 0.8 2.3 3.5#

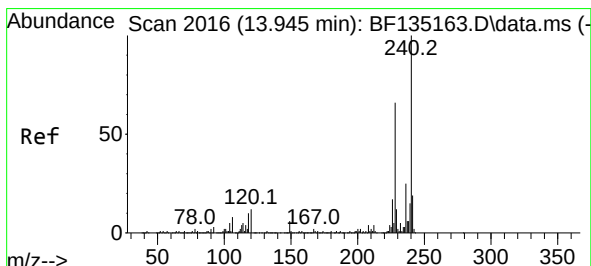
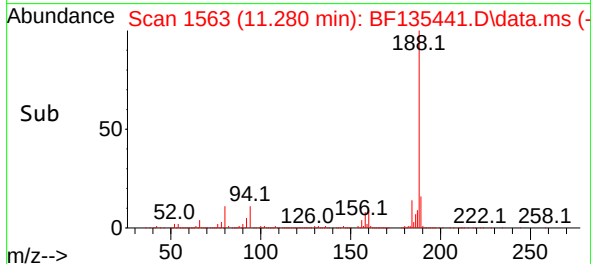
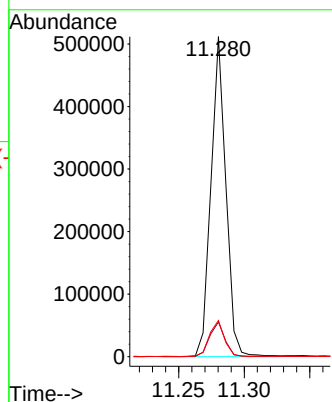
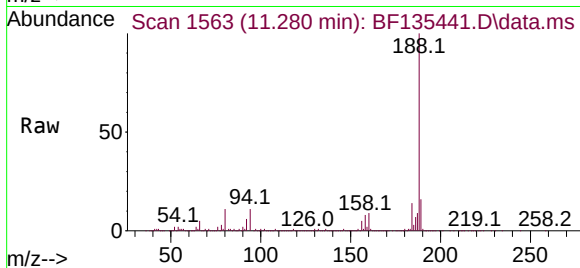




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135441.D
Acq: 25 Sep 2023 22:27

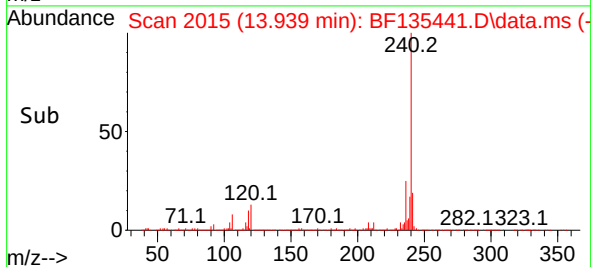
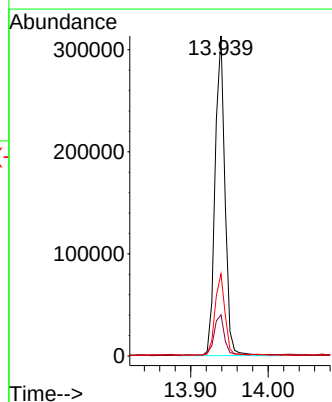
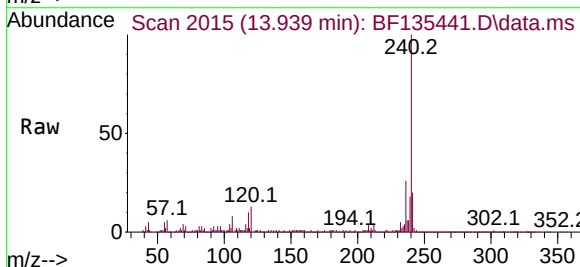
Instrument :
BNA_F
ClientSampleId :

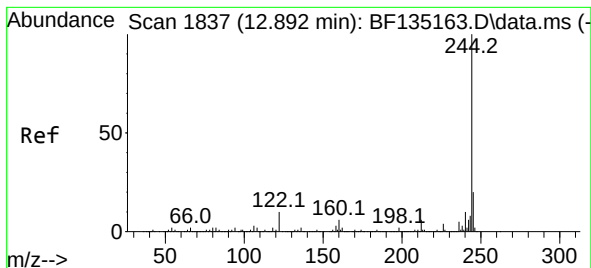
Tgt Ion:188 Resp: 405963
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.6#
80 11.3 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135441.D
Acq: 25 Sep 2023 22:27

Tgt Ion:240 Resp: 278682
Ion Ratio Lower Upper
240 100
120 12.9 9.4 14.2
236 25.6 19.8 29.8





#79

Terphenyl-d14

Concen: 53.244 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.000 min

Lab File: BF135441.D

Acq: 25 Sep 2023 22:27

Instrument :

BNA_F

ClientSampleId :

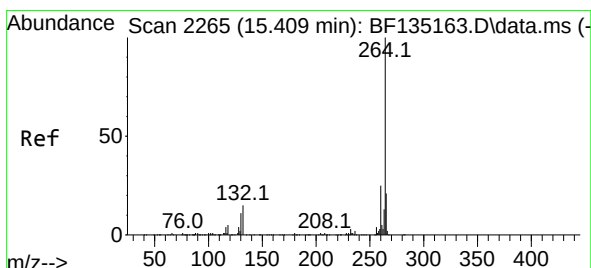
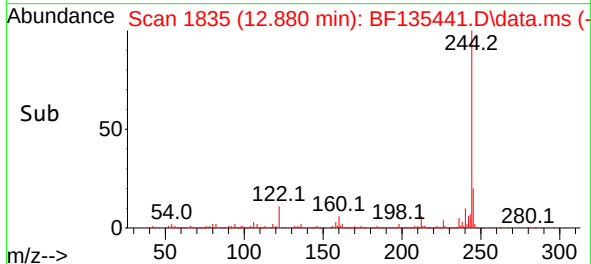
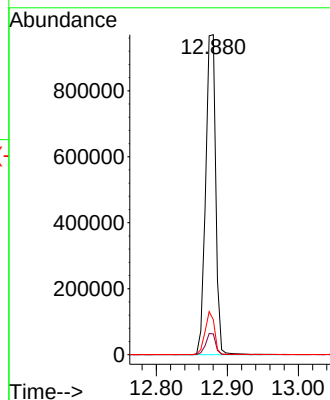
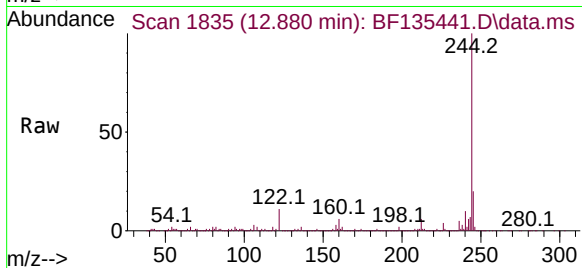
Tgt Ion:244 Resp: 957178

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 11.0 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF135441.D

Acq: 25 Sep 2023 22:27

Tgt Ion:264 Resp: 216323

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.6

265 22.3 17.0 25.4

