

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135422.D
 Acq On : 25 Sep 2023 12:40
 Operator : CG\JU
 Sample : PB155762BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 01:39:34 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)

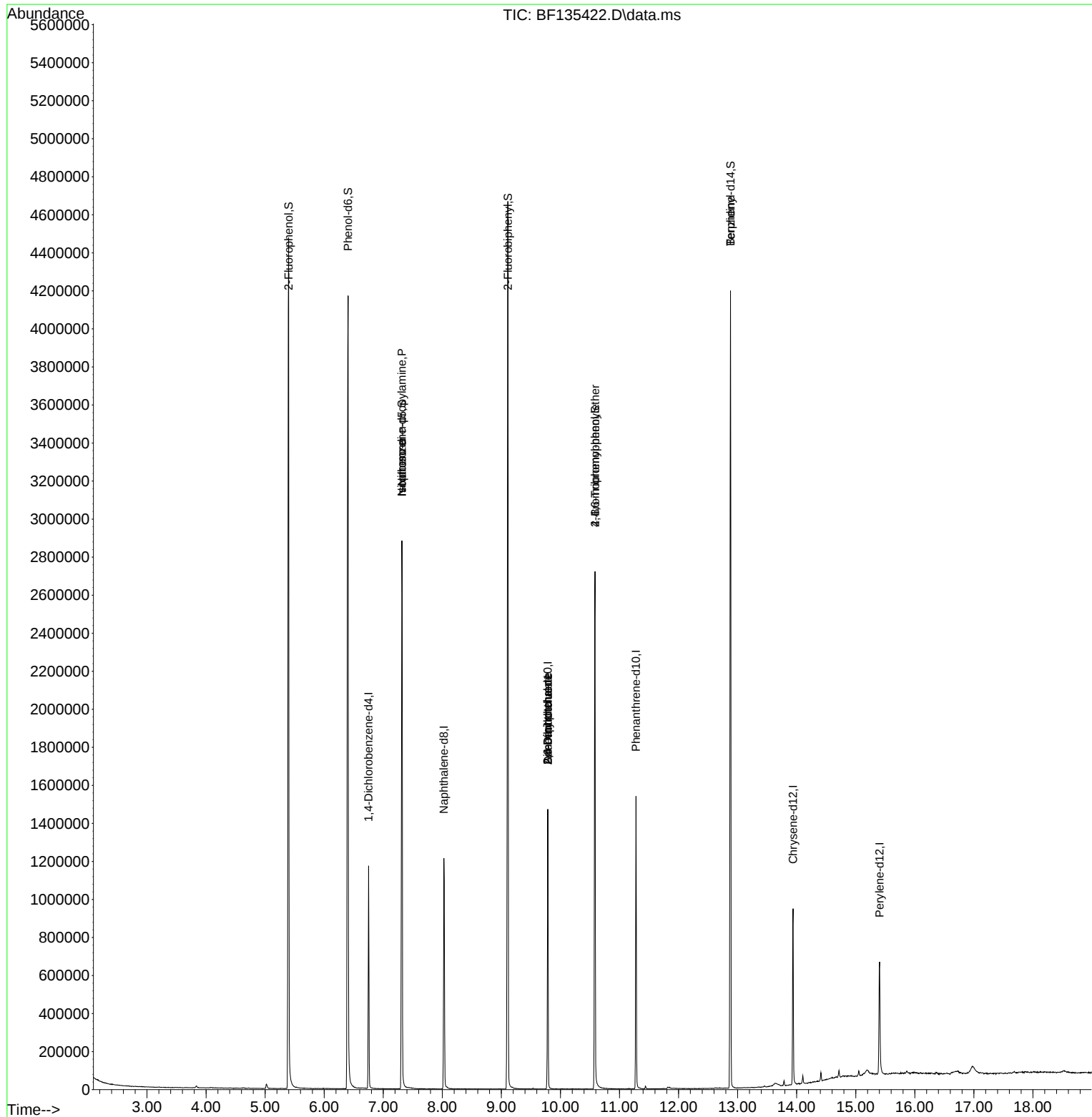
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	159930	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	606927	20.000	ng	# 0.00
39) Acenaphthene-d10	9.786	164	292397	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	546710	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	323922	20.000	ng	0.00
86) Perylene-d12	15.404	264	294379	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1316141	133.848	ng	0.02
7) Phenol-d6	6.404	99	1653341	132.232	ng	0.00
23) Nitrobenzene-d5	7.316	82	1056383	94.563	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	338341	116.440	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1740064	89.785	ng	0.00
79) Terphenyl-d14	12.880	244	1659550	79.421	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.316	70	139782	18.049	ng	# 81
25) Isophorone	7.316	82	1056370	51.497	ng	# 65
50) Dimethylphthalate	9.786	163	55177	2.791	ng	# 1
51) 2,6-Dinitrotoluene	9.786	165	37901	8.752	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	37901	6.991	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	22407	4.121	ng	# 1
77) Benzidine	12.880	184	21307	3.211	ng	# 93

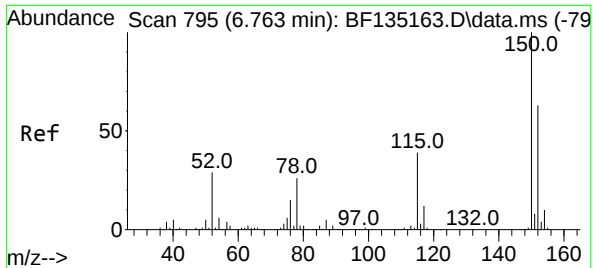
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
Data File : BF135422.D
Acq On : 25 Sep 2023 12:40
Operator : CG\JU
Sample : PB155762BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

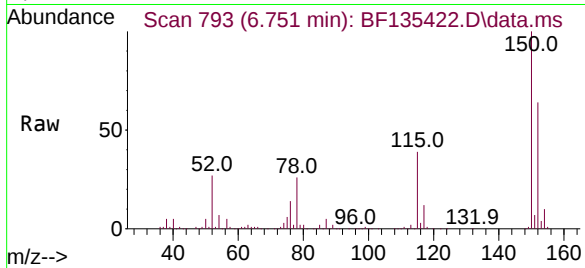
Quant Time: Sep 26 01:39:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration



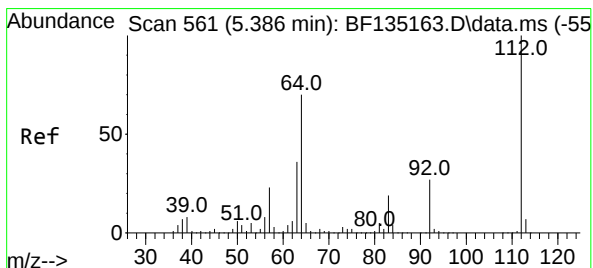
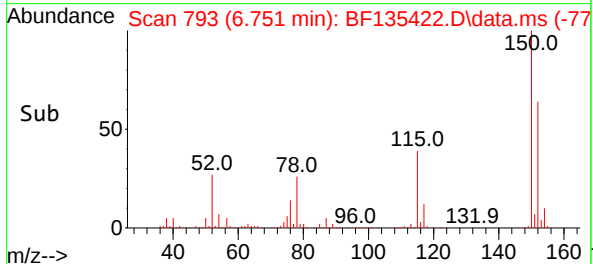
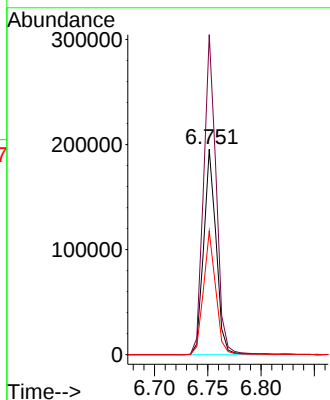


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135422.D
Acq: 25 Sep 2023 12:40

Instrument :
BNA_F
ClientSampleId :

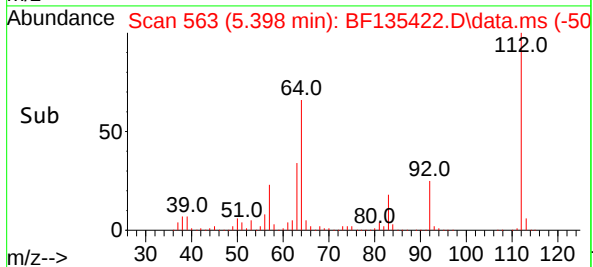
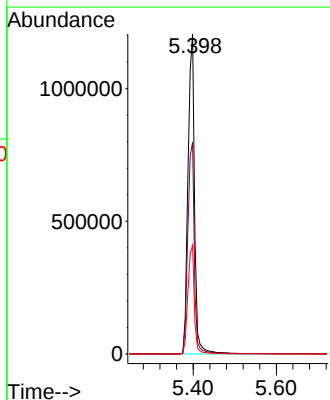
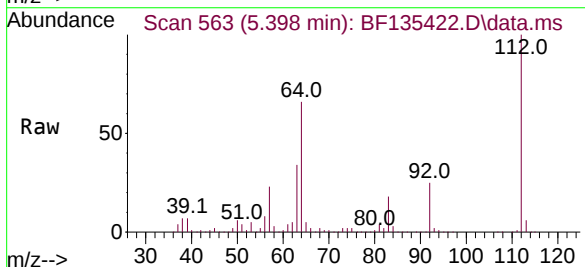


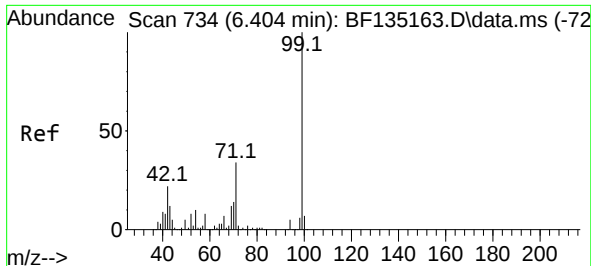
Tgt Ion:152 Resp: 159930
Ion Ratio Lower Upper
152 100
150 155.8 127.8 191.6
115 60.2 49.8 74.8



#5
2-Fluorophenol
Concen: 133.848 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF135422.D
Acq: 25 Sep 2023 12:40

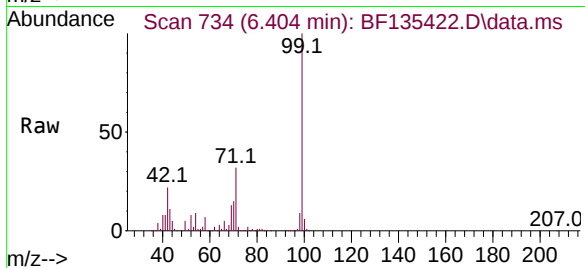
Tgt Ion:112 Resp: 1316141
Ion Ratio Lower Upper
112 100
64 66.1 55.9 83.9
63 33.9 29.0 43.6



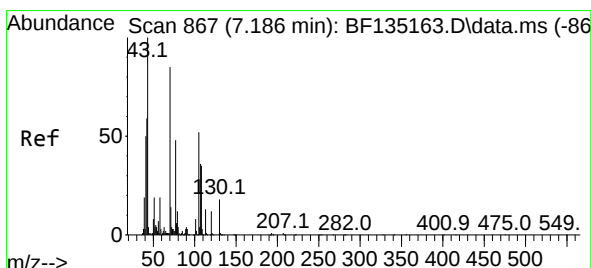
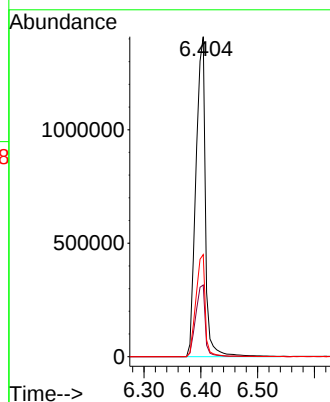
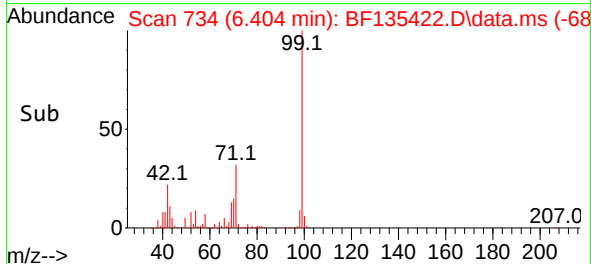


#7
Phenol-d6
Concen: 132.232 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135422.D
Acq: 25 Sep 2023 12:40

Instrument :
BNA_F
ClientSampleId :

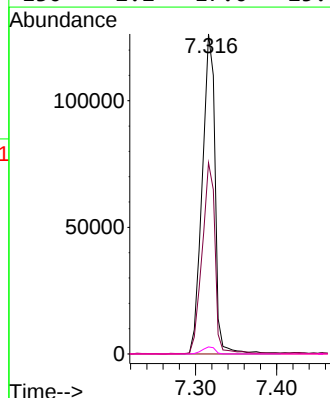
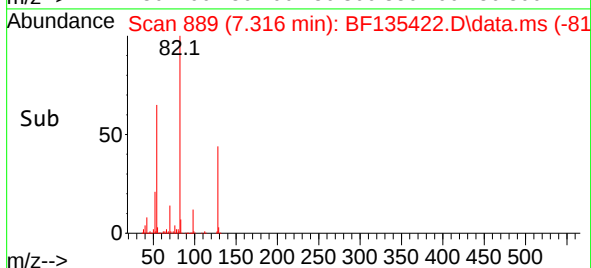
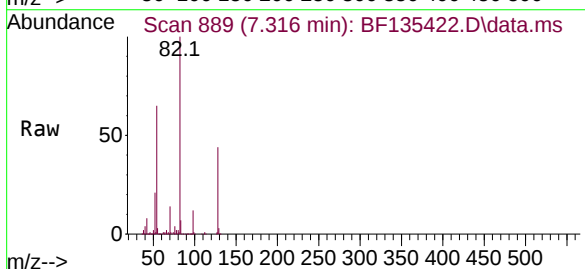


Tgt Ion: 99 Resp: 1653341
Ion Ratio Lower Upper
99 100
42 22.4 17.9 26.9
71 31.9 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.049 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF135422.D
Acq: 25 Sep 2023 12:40

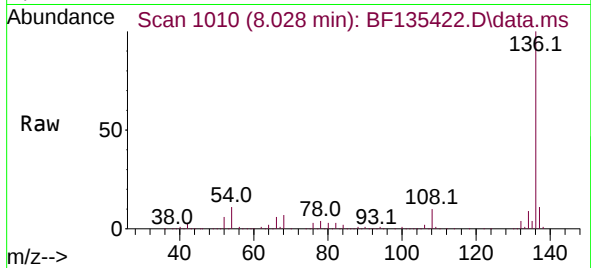
Tgt Ion: 70 Resp: 139782
Ion Ratio Lower Upper
70 100
42 59.8 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#



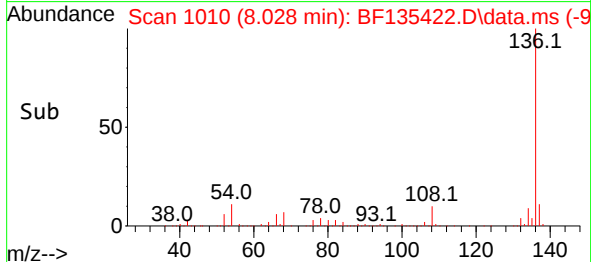
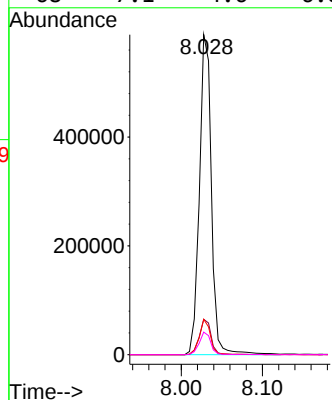


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF135422.D
Acq: 25 Sep 2023 12:40

Instrument :
BNA_F
ClientSampleId :

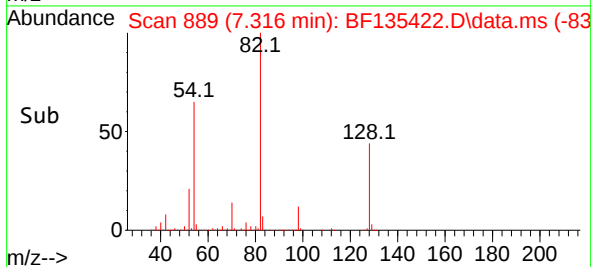
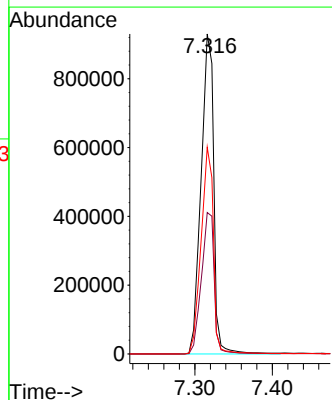
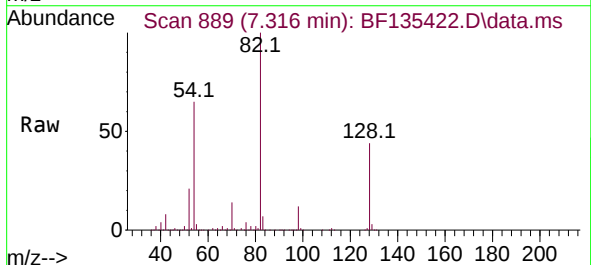


Tgt Ion:136 Resp: 606927
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.1 7.7 11.5
68 7.1 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 94.563 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF135422.D
Acq: 25 Sep 2023 12:40

Tgt Ion: 82 Resp: 1056383
Ion Ratio Lower Upper
82 100
128 44.2 35.8 53.6
54 64.6 50.6 76.0

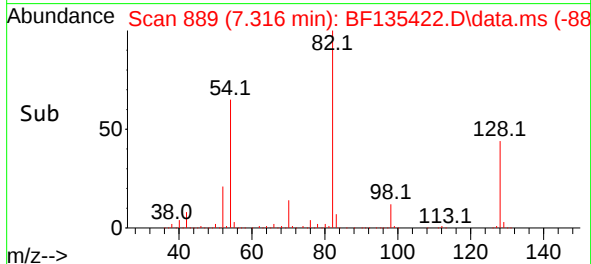
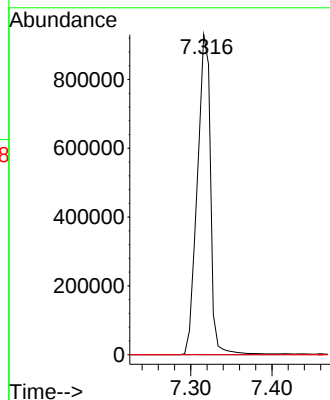
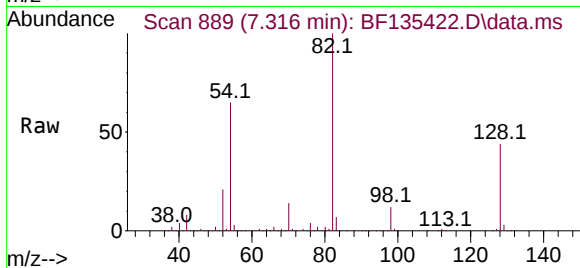




#25
Isophorone
Concen: 51.497 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135422.D
Acq: 25 Sep 2023 12:40

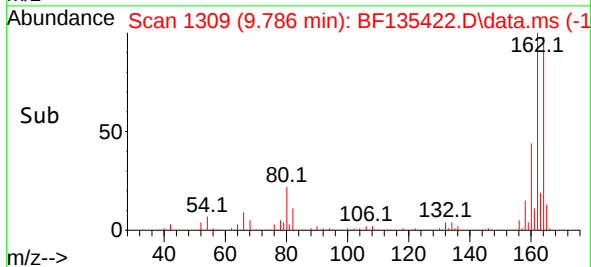
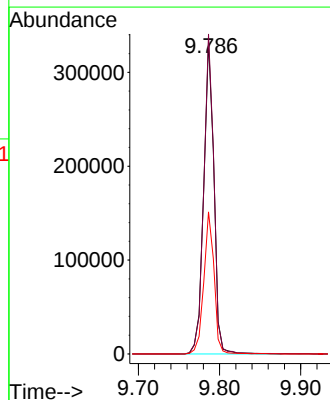
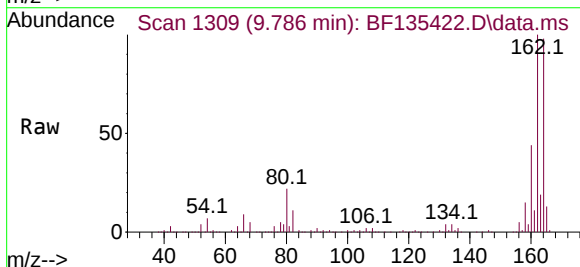
Instrument :
BNA_F
ClientSampleId :

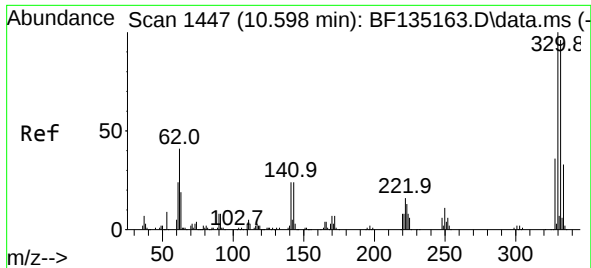
Tgt Ion: 82 Resp: 1056370
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135422.D
Acq: 25 Sep 2023 12:40

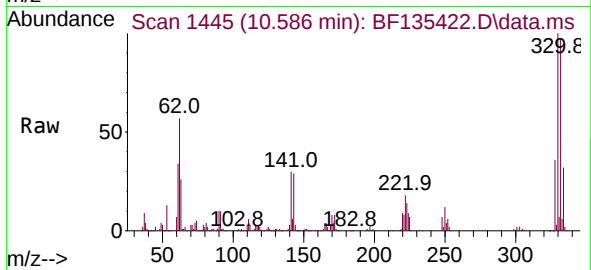
Tgt Ion:164 Resp: 292397
Ion Ratio Lower Upper
164 100
162 102.5 81.0 121.4
160 45.5 37.0 55.4



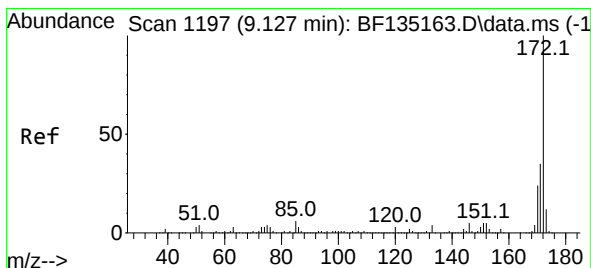
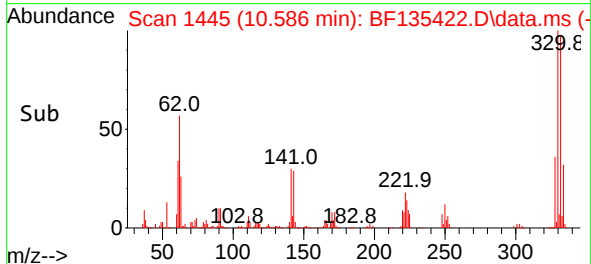
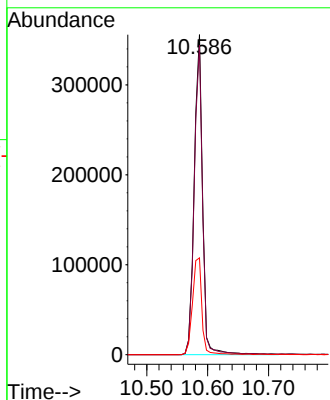


#42
 2,4,6-Tribromophenol
 Concen: 116.440 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.000 min
 Lab File: BF135422.D
 Acq: 25 Sep 2023 12:40

Instrument :
 BNA_F
 ClientSampleId :

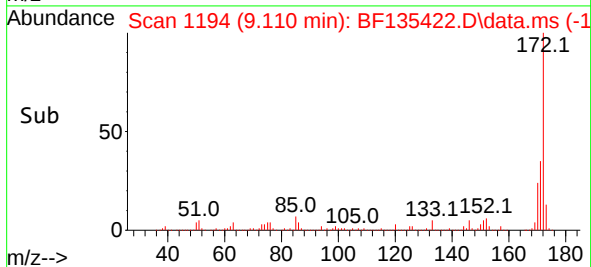
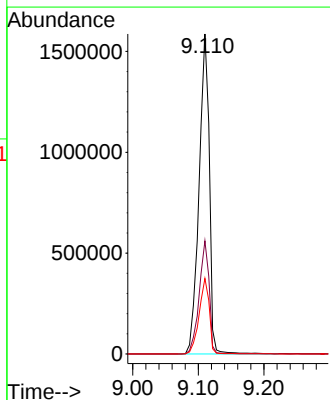
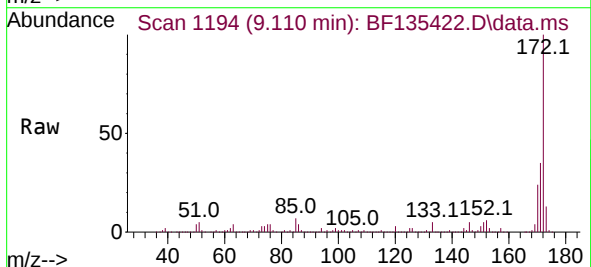


Tgt Ion:330 Resp: 338341
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 33.9 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 89.785 ng
 RT: 9.110 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: BF135422.D
 Acq: 25 Sep 2023 12:40

Tgt Ion:172 Resp: 1740064
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.4 42.6
 170 23.6 19.0 28.4

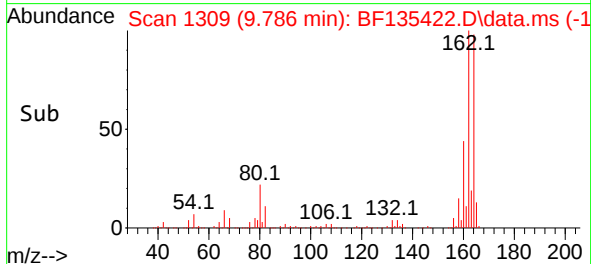
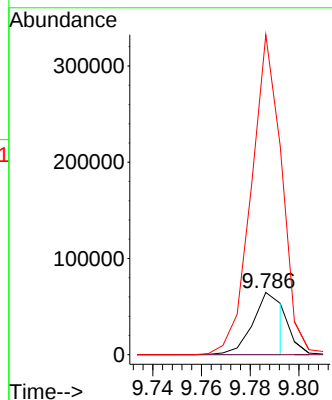
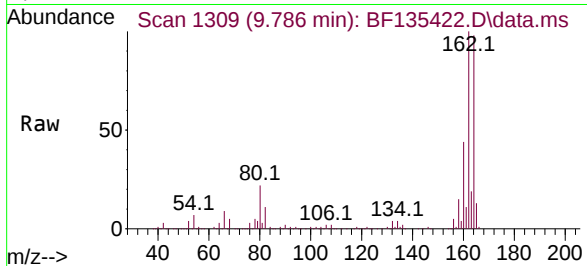




#50
Dimethylphthalate
Concen: 2.791 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.265 min
Lab File: BF135422.D
Acq: 25 Sep 2023 12:40

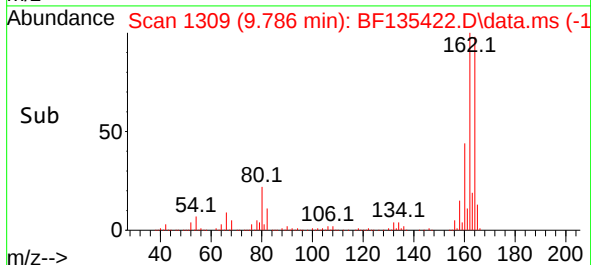
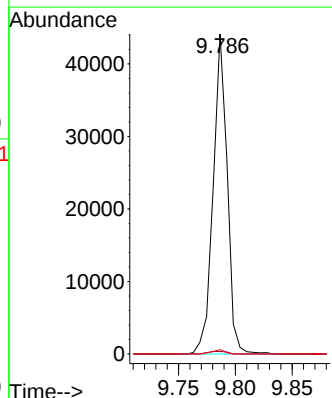
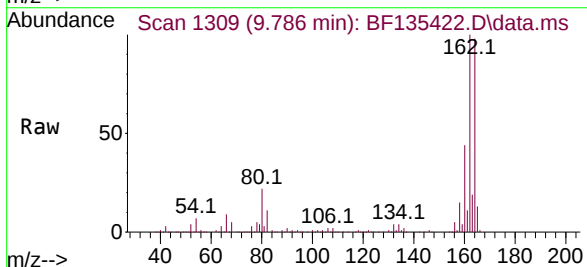
Instrument :
BNA_F
ClientSampleId :

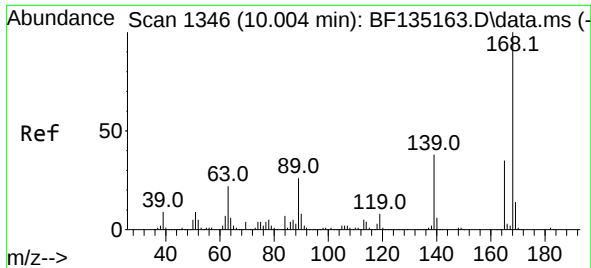
Tgt Ion:163 Resp: 55177
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 514.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.752 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.200 min
Lab File: BF135422.D
Acq: 25 Sep 2023 12:40

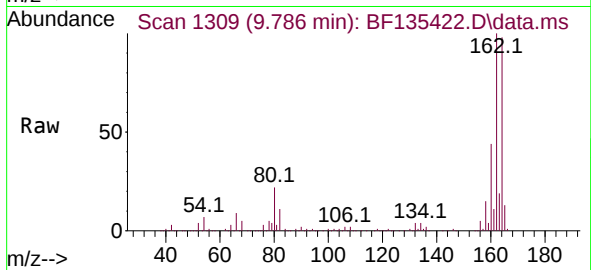
Tgt Ion:165 Resp: 37901
Ion Ratio Lower Upper
165 100
63 0.7 59.4 89.2#
89 1.4 49.8 74.8#



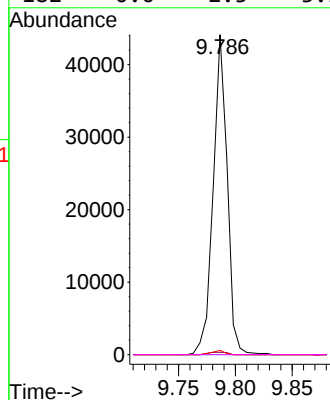
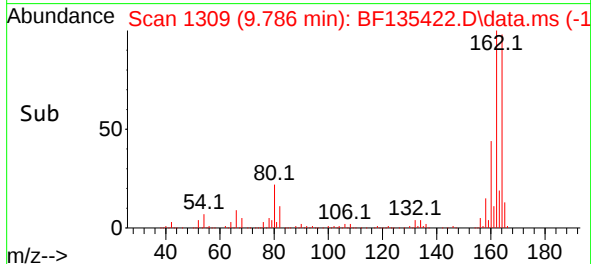


#57
2,4-Dinitrotoluene
Concen: 6.991 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135422.D
Acq: 25 Sep 2023 12:40

Instrument :
BNA_F
ClientSampleId :

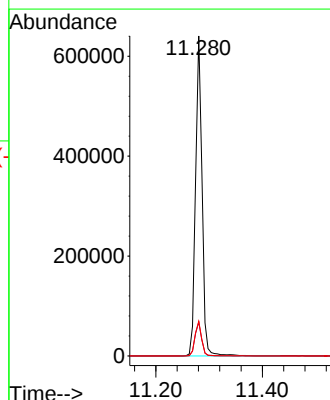
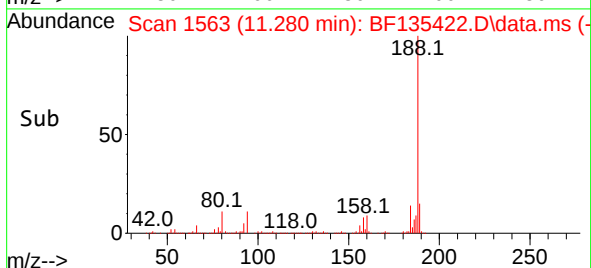
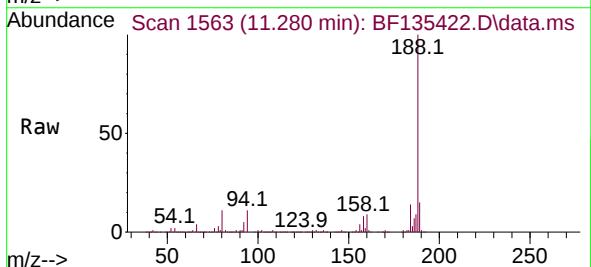


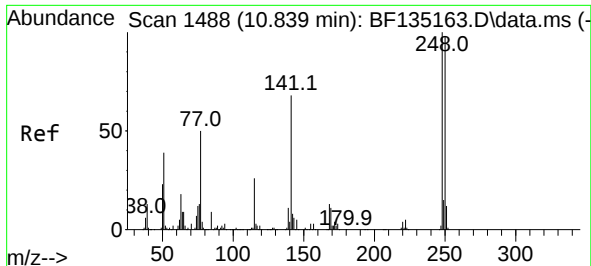
Tgt Ion:165 Resp: 37901
Ion Ratio Lower Upper
165 100
63 0.7 50.1 75.1#
89 1.4 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF135422.D
Acq: 25 Sep 2023 12:40

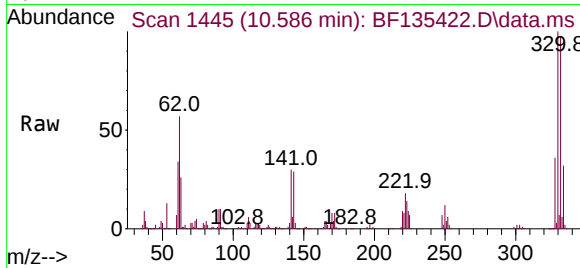
Tgt Ion:188 Resp: 546710
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6#
80 10.8 7.5 11.3



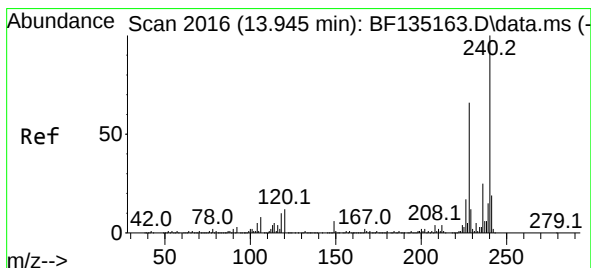
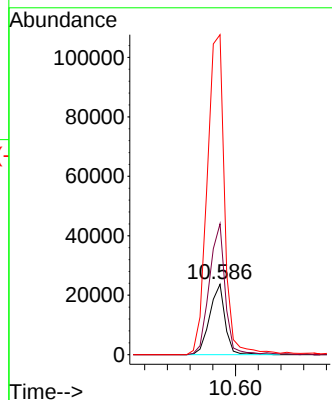
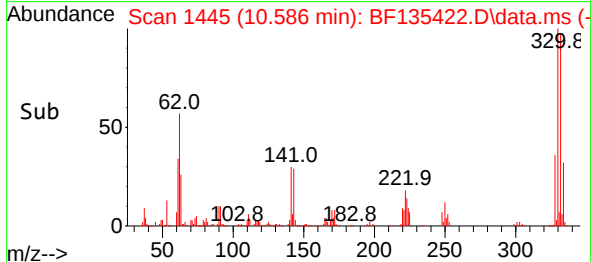


#67
4-Bromophenyl-phenylether
Concen: 4.121 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135422.D
Acq: 25 Sep 2023 12:40

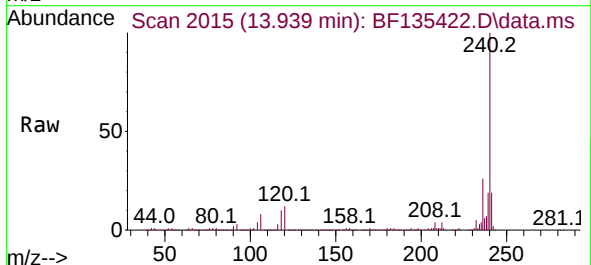
Instrument :
BNA_F
ClientSampleId :



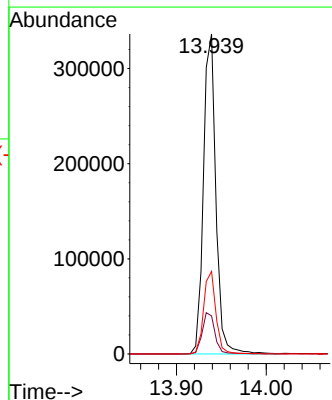
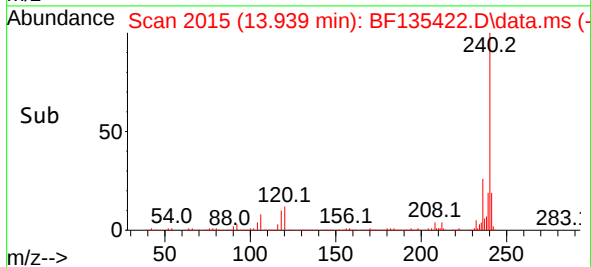
Tgt Ion:248 Resp: 22407
Ion Ratio Lower Upper
248 100
250 186.0 78.6 117.8#
141 454.7 54.2 81.2#

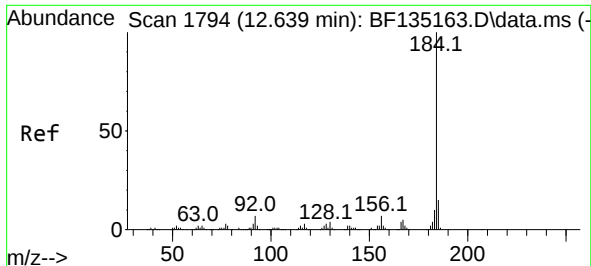


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135422.D
Acq: 25 Sep 2023 12:40



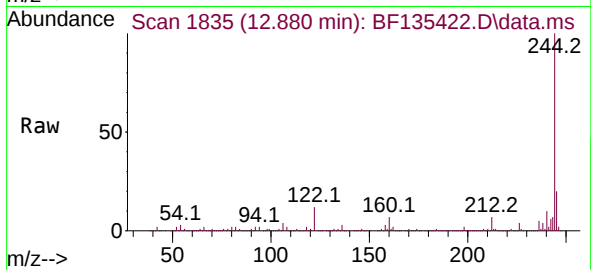
Tgt Ion:240 Resp: 323922
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 25.8 19.8 29.8



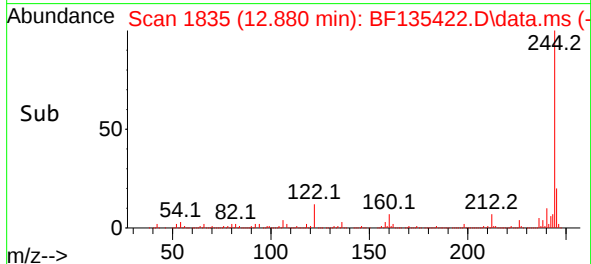
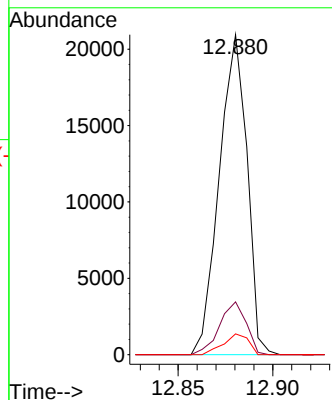


#77
Benzidine
Concen: 3.211 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF135422.D
Acq: 25 Sep 2023 12:40

Instrument :
BNA_F
ClientSampleId :

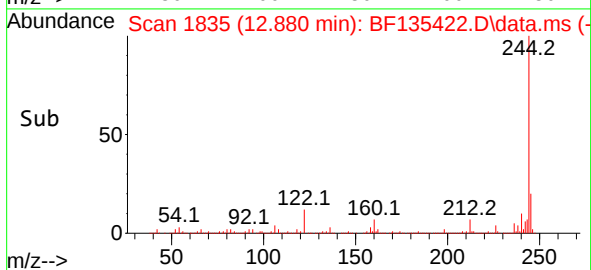
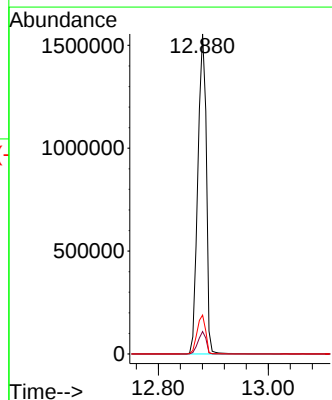
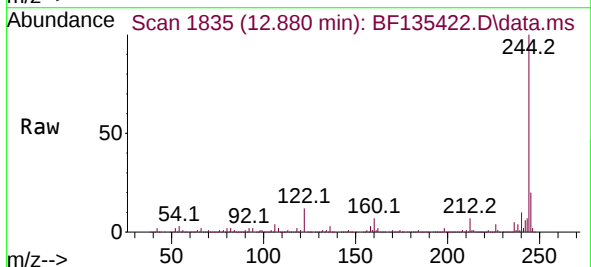


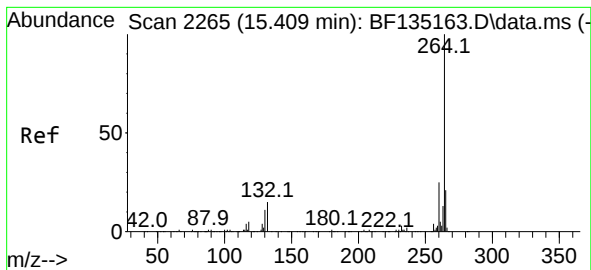
Tgt Ion:184 Resp: 21307
Ion Ratio Lower Upper
184 100
185 16.5 11.7 17.5
183 6.5 8.2 12.4#



#79
Terphenyl-d14
Concen: 79.421 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BF135422.D
Acq: 25 Sep 2023 12:40

Tgt Ion:244 Resp: 1659550
Ion Ratio Lower Upper
244 100
212 7.0 5.1 7.7
122 12.2 7.9 11.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 21

Delta R.T. -0.000 min

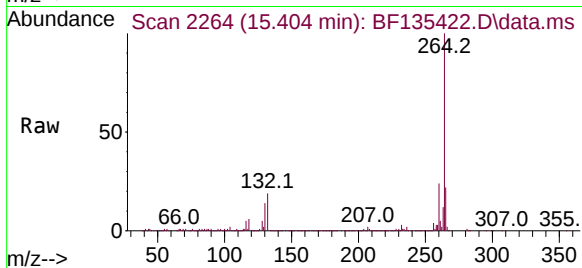
Lab File: BF135422.D

Acq: 25 Sep 2023 12:40

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 294379

Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

265 22.2 17.0 25.4

