

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135340.D
 Acq On : 19 Sep 2023 17:53
 Operator : CG\JU
 Sample : PB155405BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155405BL

Quant Time: Sep 20 01:37:15 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 12 00:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

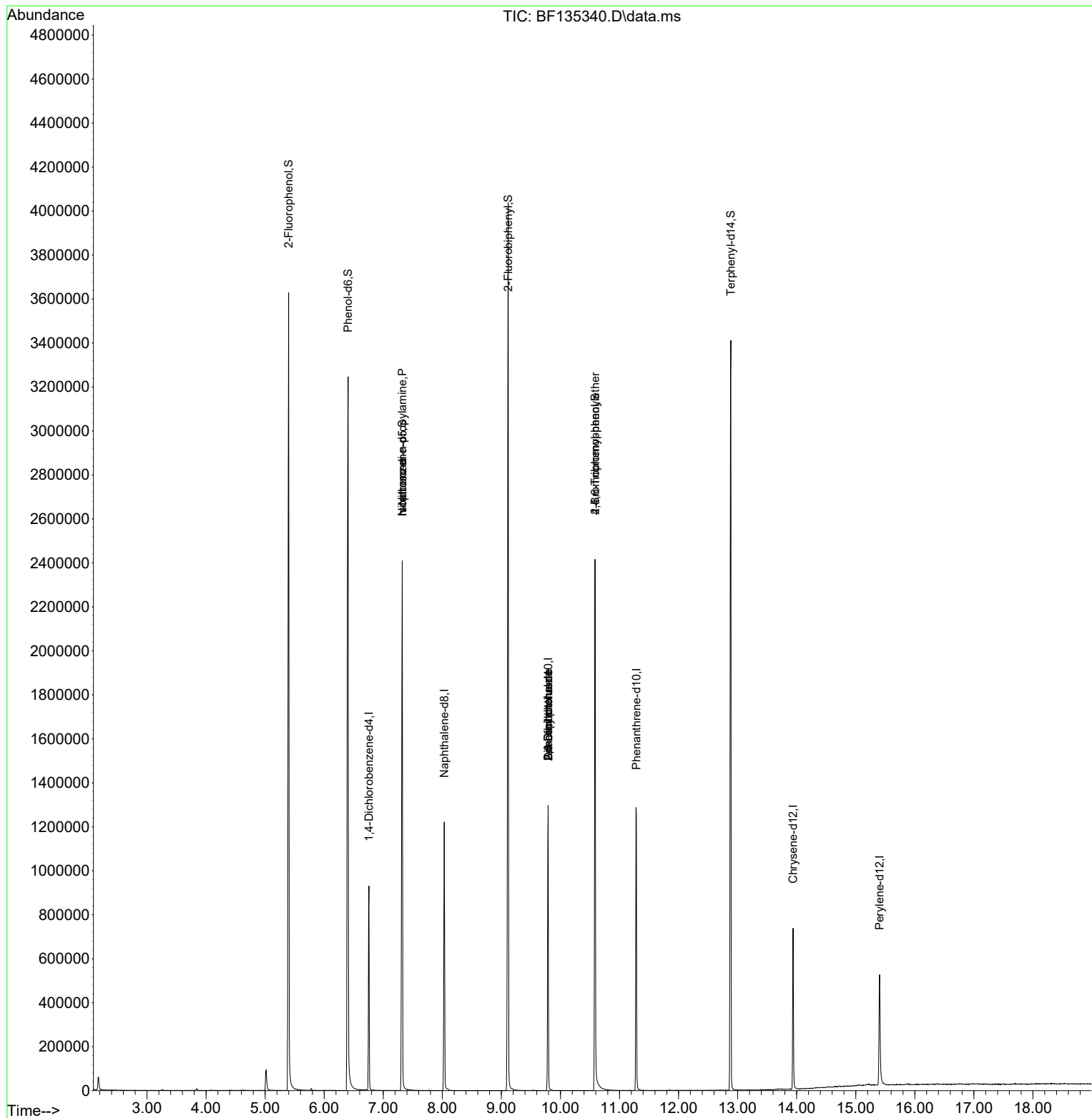
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	135783	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	538395	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	269826	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	522640	20.000	ng	0.00
76) Chrysene-d12	13.939	240	252344	20.000	ng	0.00
86) Perylene-d12	15.404	264	271600	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1025602	122.849	ng	0.01
7) Phenol-d6	6.404	99	1282330	120.798	ng	0.00
23) Nitrobenzene-d5	7.322	82	839420	84.706	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	300603	112.106	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1424839	79.669	ng	-0.01
79) Terphenyl-d14	12.886	244	1377545	84.625	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	112917	17.173	ng	# 82
25) Isophorone	7.322	82	833603	45.810	ng	# 65
50) Dimethylphthalate	9.792	163	53615	2.939	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	35449	8.870	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	35449	7.085	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	18979	3.651	ng	# 1

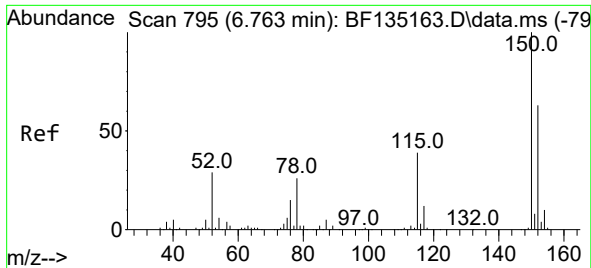
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: Sep 20 01:37:15 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 12 00:19:07 2023
Response via : Initial Calibration

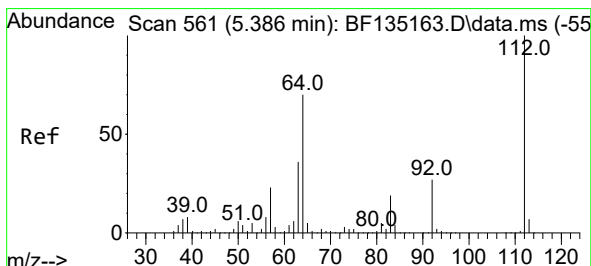
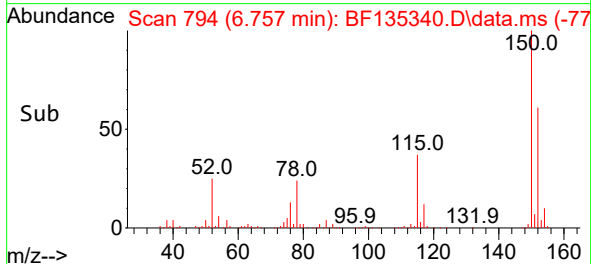
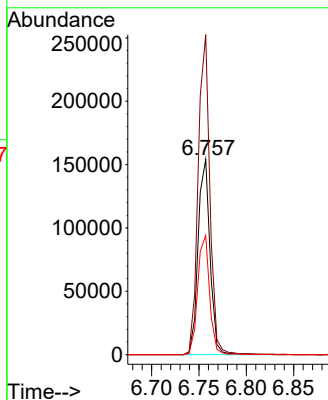
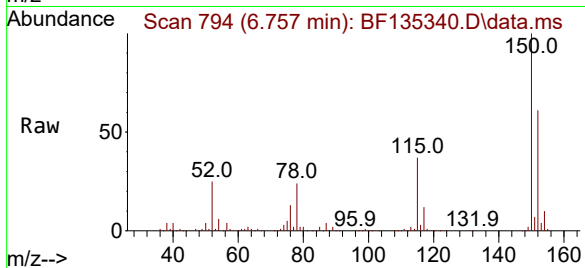




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135340.D
Acq: 19 Sep 2023 17:53

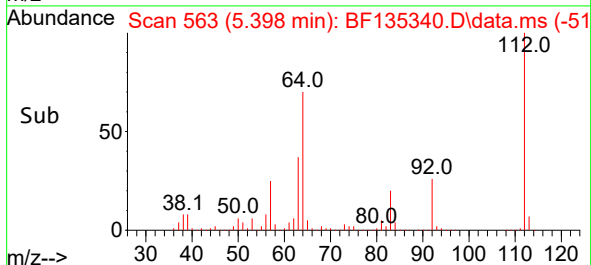
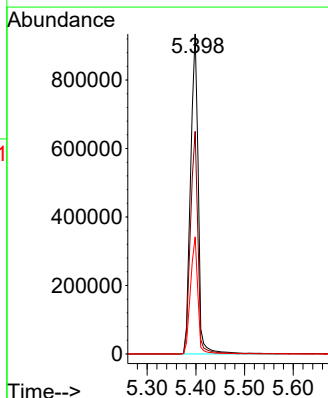
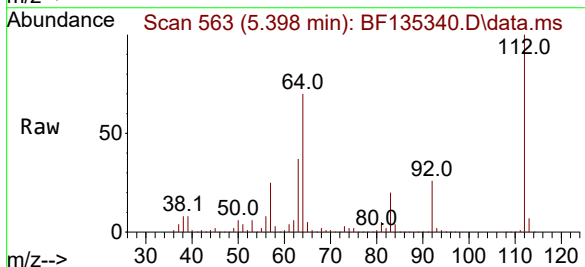
Instrument :
BNA_F
ClientSampleId :
PB155405BL

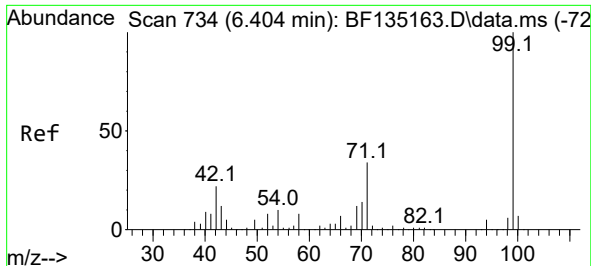
Tgt Ion:152 Resp: 135783
Ion Ratio Lower Upper
152 100
150 163.8 127.8 191.6
115 60.9 49.8 74.8



#5
2-Fluorophenol
Concen: 122.849 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135340.D
Acq: 19 Sep 2023 17:53

Tgt Ion:112 Resp: 1025602
Ion Ratio Lower Upper
112 100
64 69.6 55.9 83.9
63 36.6 29.0 43.6

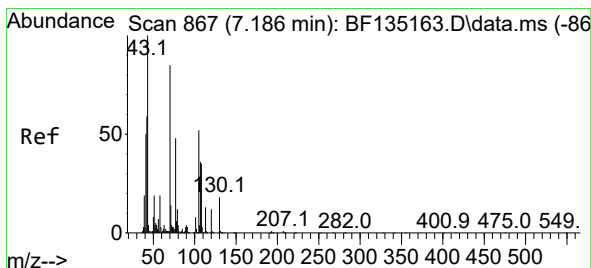
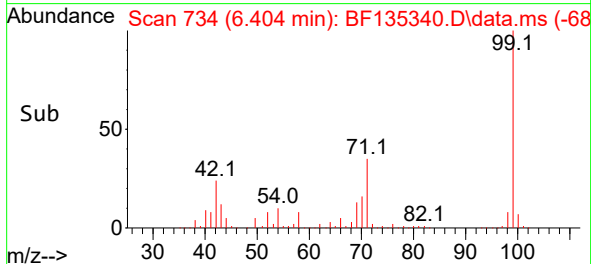
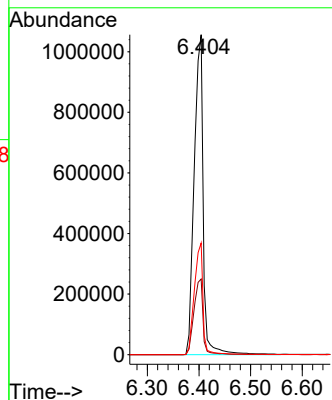
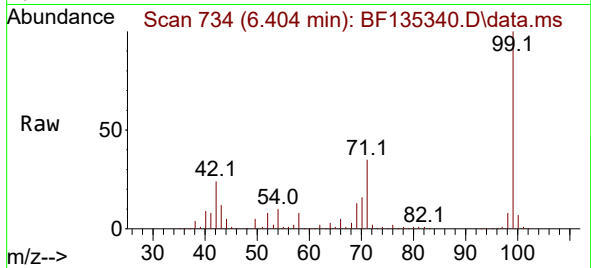




#7
Phenol-d6
Concen: 120.798 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135340.D
Acq: 19 Sep 2023 17:53

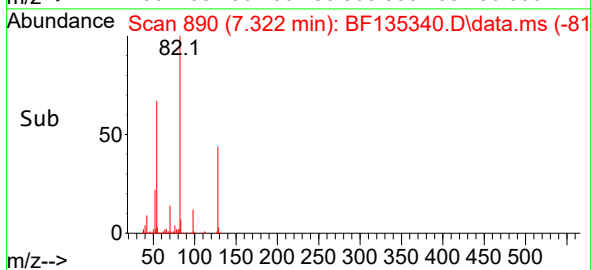
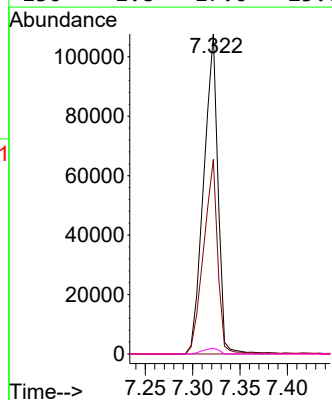
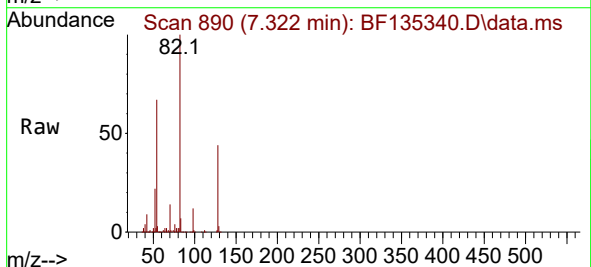
Instrument :
BNA_F
ClientSampleId :
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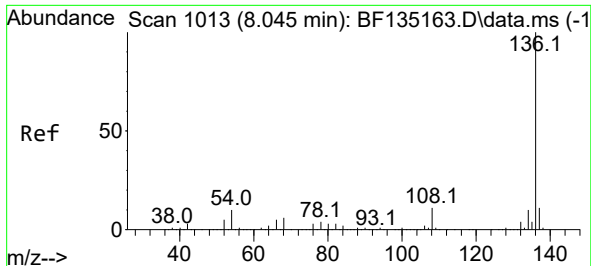
Tgt Ion: 99 Resp: 1282330
Ion Ratio Lower Upper
99 100
42 23.6 17.9 26.9
71 34.9 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.173 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135340.D
Acq: 19 Sep 2023 17:53

Tgt Ion: 70 Resp: 112917
Ion Ratio Lower Upper
70 100
42 60.8 55.4 83.0
101 0.0 7.7 11.5#
130 1.8 17.0 25.6#

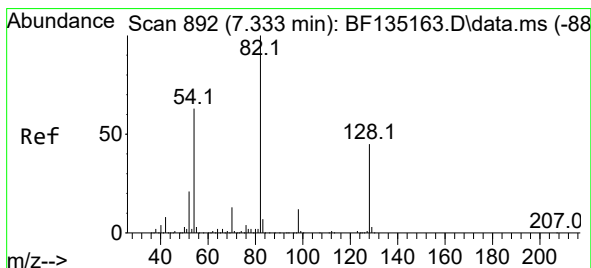
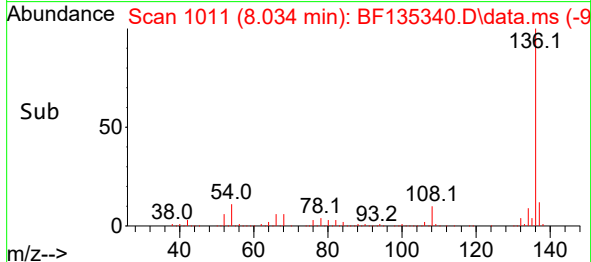
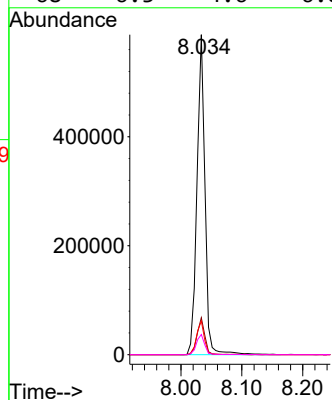
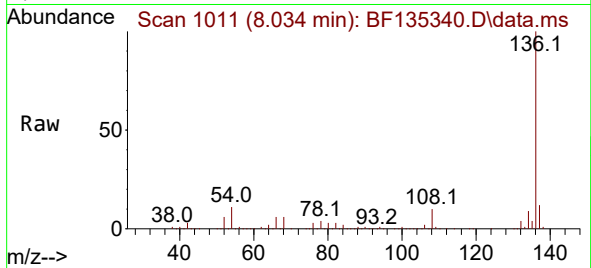




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135340.D
Acq: 19 Sep 2023 17:53

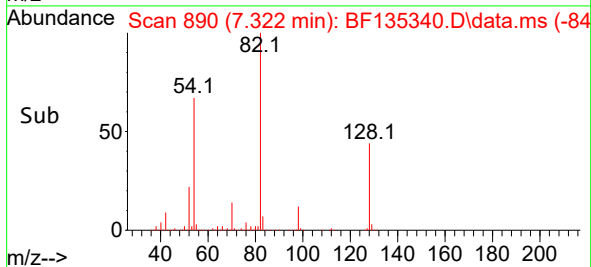
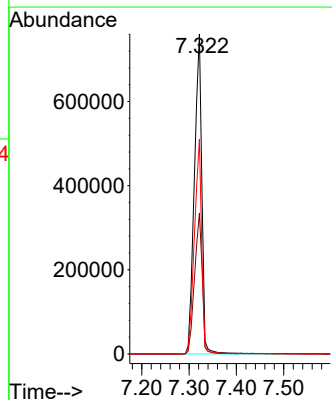
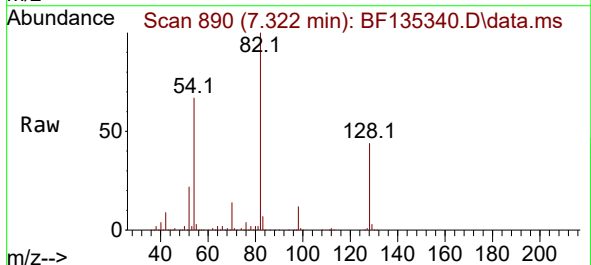
Instrument :
BNA_F
ClientSampleId :
PB155405BL

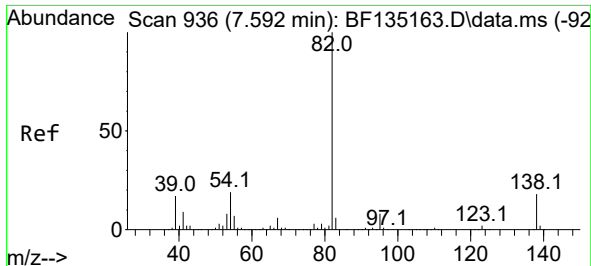
Tgt Ion:136 Resp: 538395
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 10.5 7.7 11.5
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 84.706 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135340.D
Acq: 19 Sep 2023 17:53

Tgt Ion: 82 Resp: 839420
Ion Ratio Lower Upper
82 100
128 44.0 35.8 53.6
54 67.2 50.6 76.0

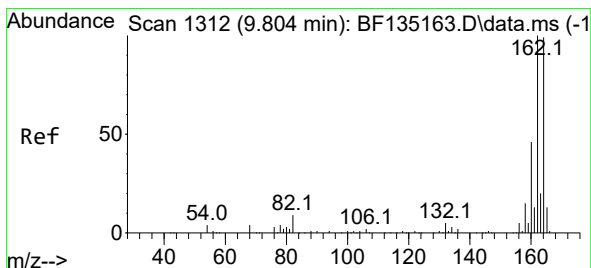
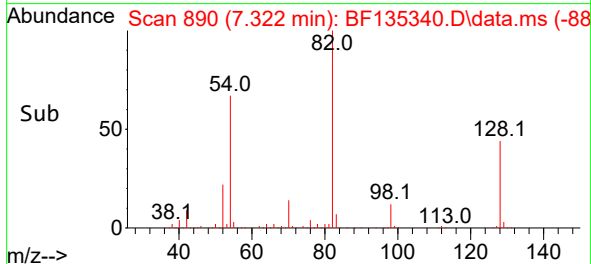
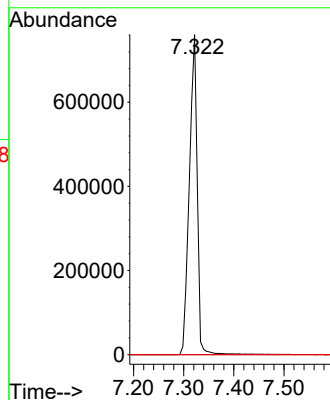
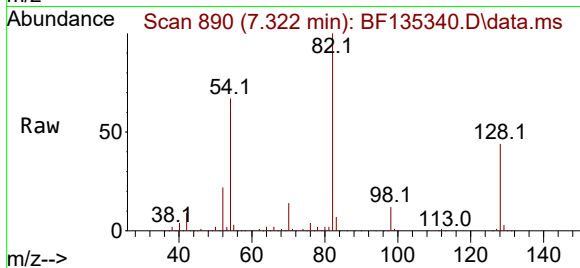




#25
Isophorone
Concen: 45.810 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135340.D
Acq: 19 Sep 2023 17:53

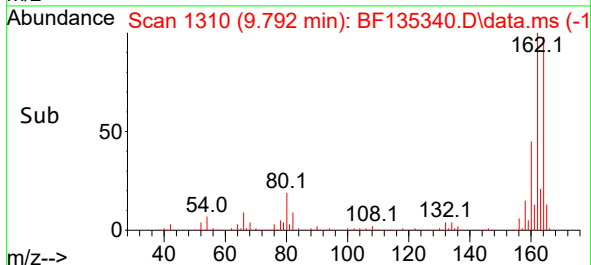
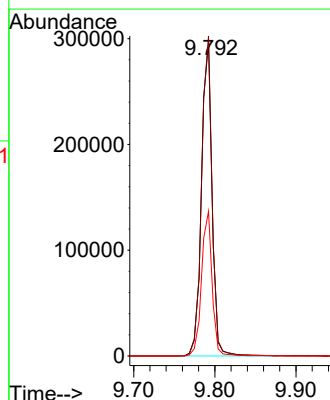
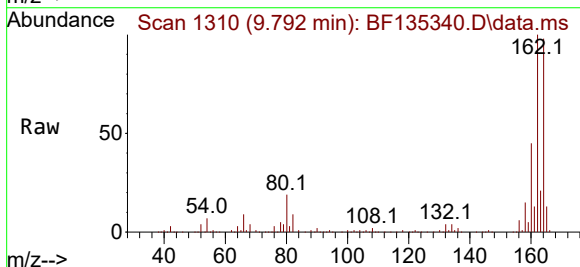
Instrument :
BNA_F
ClientSampleId :
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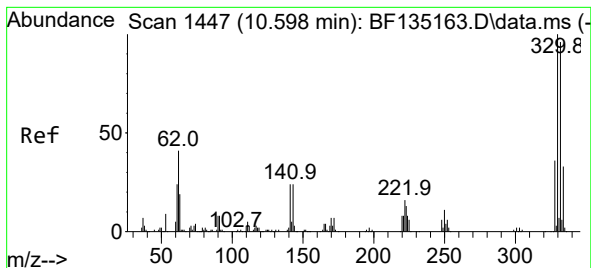
Tgt Ion: 82 Resp: 833603
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135340.D
Acq: 19 Sep 2023 17:53

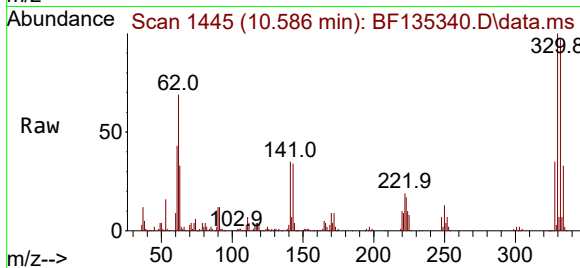
Tgt Ion:164 Resp: 269826
Ion Ratio Lower Upper
164 100
162 102.3 81.0 121.4
160 46.3 37.0 55.4



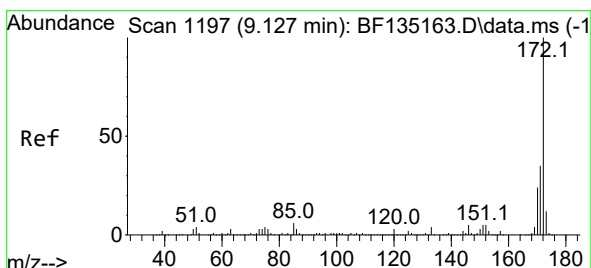
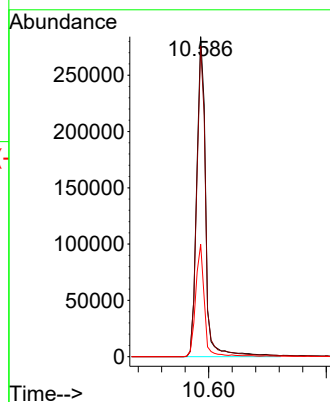
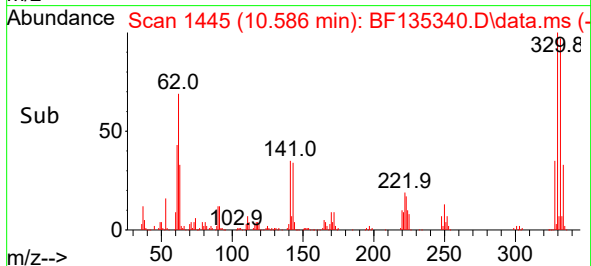


#42
 2,4,6-Tribromophenol
 Concen: 112.106 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.012 min
 Lab File: BF135340.D
 Acq: 19 Sep 2023 17:53

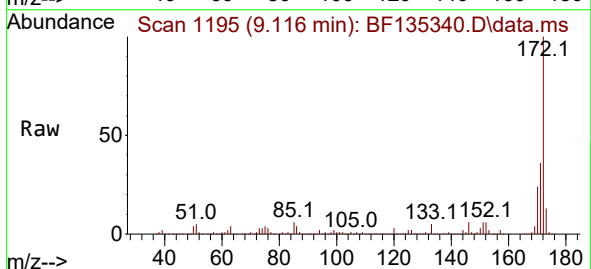
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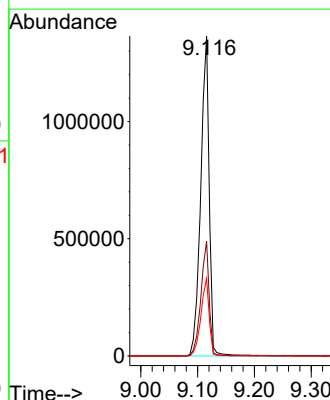
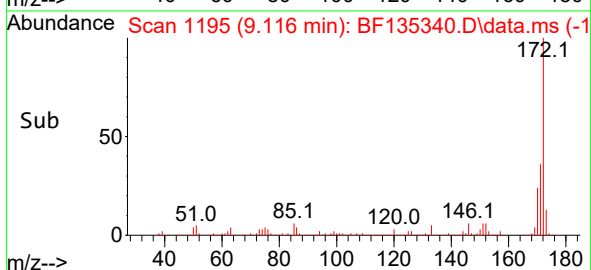
Tgt Ion:330 Resp: 300603
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 33.4 25.8 38.8

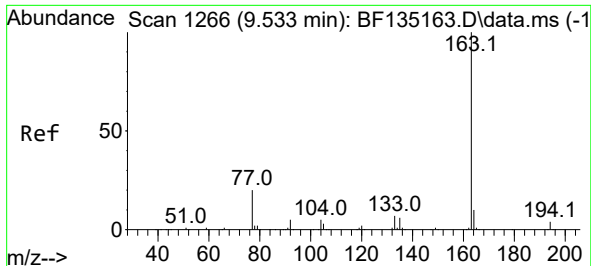


#45
 2-Fluorobiphenyl
 Concen: 79.669 ng
 RT: 9.116 min Scan# 1195
 Delta R.T. -0.012 min
 Lab File: BF135340.D
 Acq: 19 Sep 2023 17:53



Tgt Ion:172 Resp: 1424839
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.4 42.6
 170 24.2 19.0 28.4

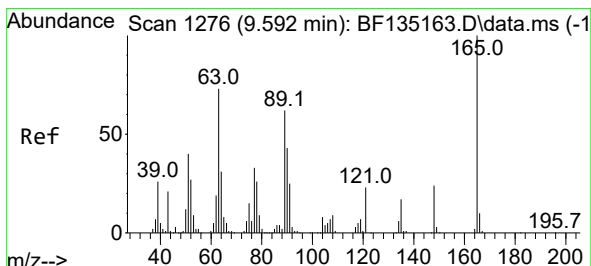
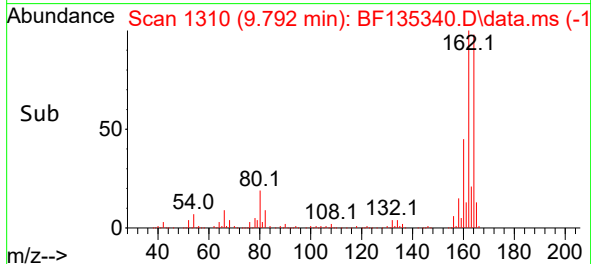
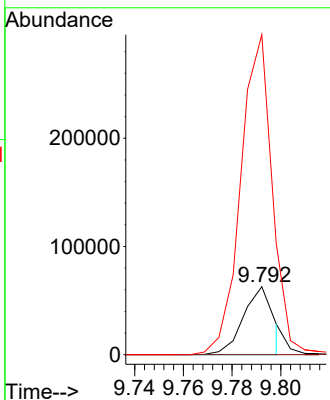
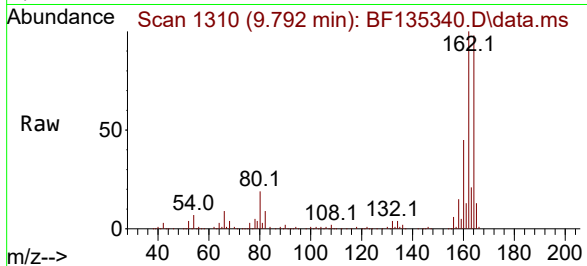




#50
Dimethylphthalate
Concen: 2.939 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135340.D
Acq: 19 Sep 2023 17:53

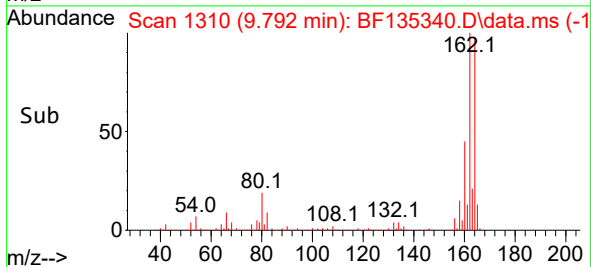
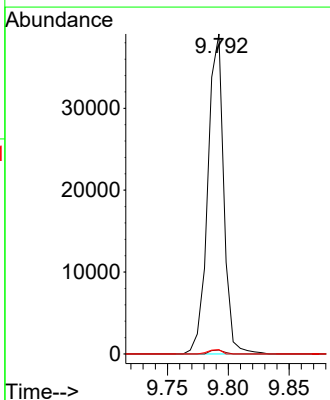
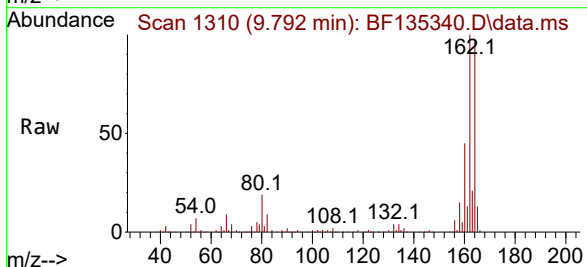
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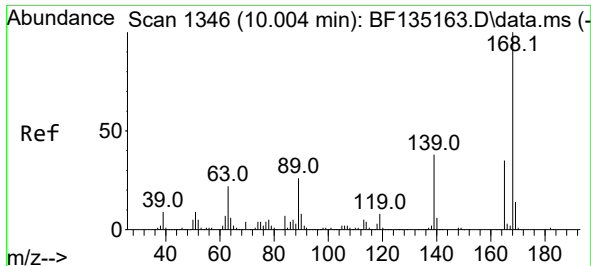
Tgt Ion:163 Resp: 53615
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 470.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.870 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135340.D
Acq: 19 Sep 2023 17:53

Tgt Ion:165 Resp: 35449
Ion Ratio Lower Upper
165 100
63 1.2 59.4 89.2#
89 1.4 49.8 74.8#

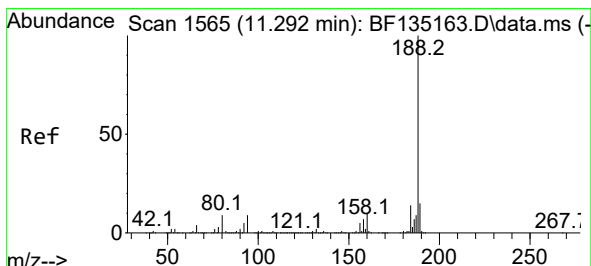
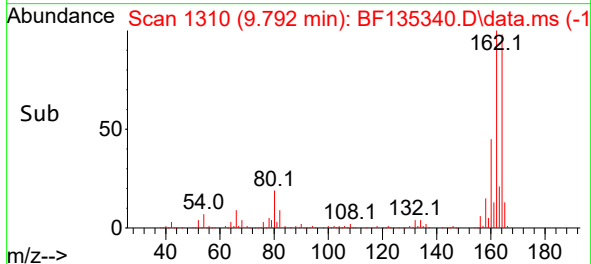
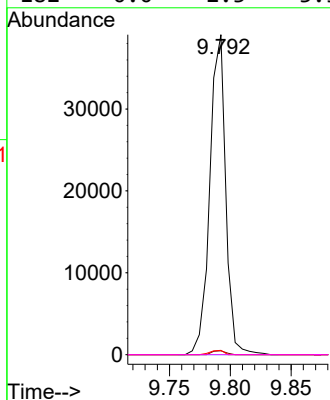
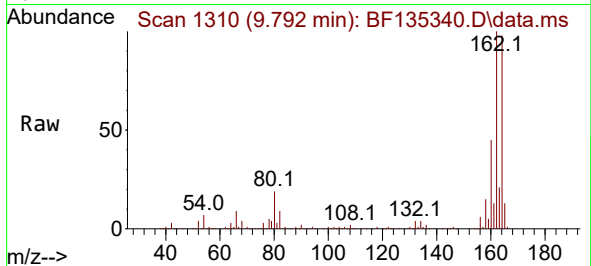




#57
2,4-Dinitrotoluene
Concen: 7.085 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135340.D
Acq: 19 Sep 2023 17:53

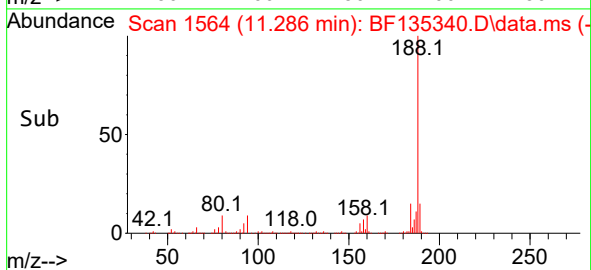
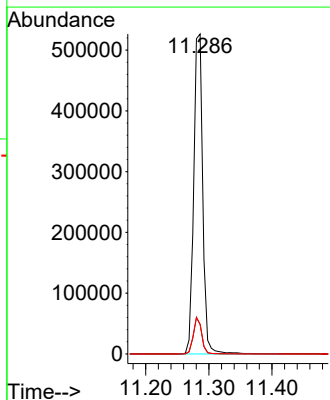
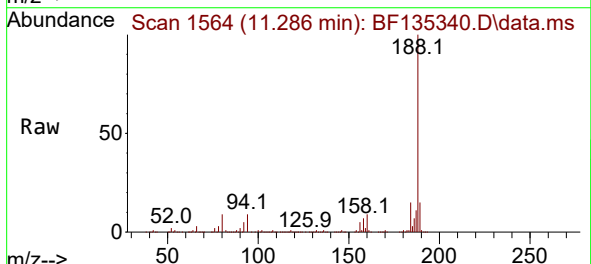
Instrument :
BNA_F
ClientSampleId :
PB155405BL

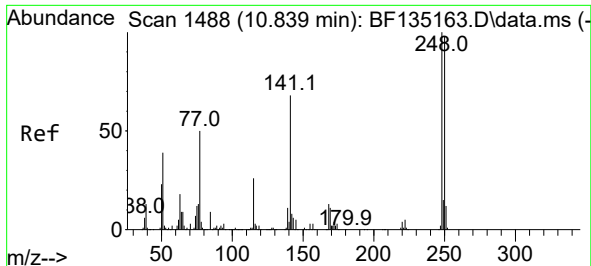
Tgt Ion:165 Resp: 35449
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.4 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135340.D
Acq: 19 Sep 2023 17:53

Tgt Ion:188 Resp: 522640
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.3 7.5 11.3

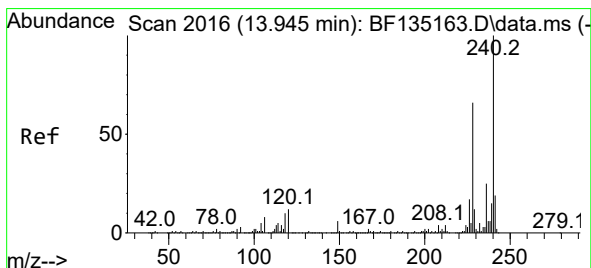
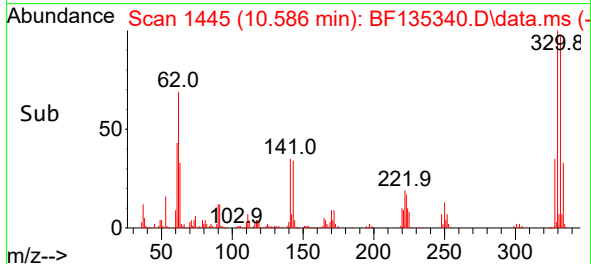
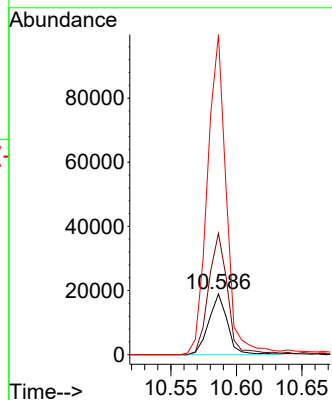
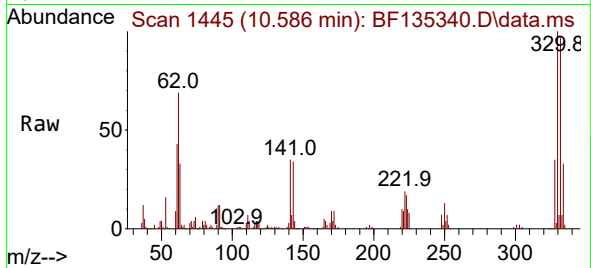




#67
4-Bromophenyl-phenylether
Concen: 3.651 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135340.D
Acq: 19 Sep 2023 17:53

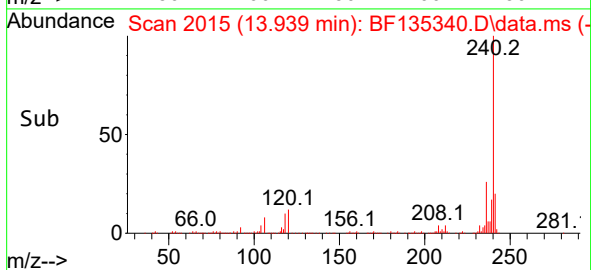
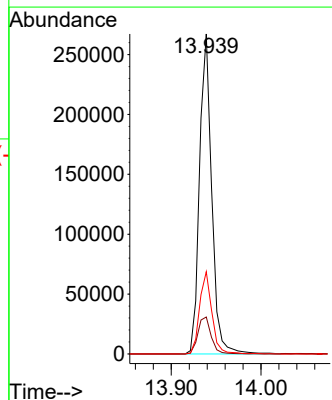
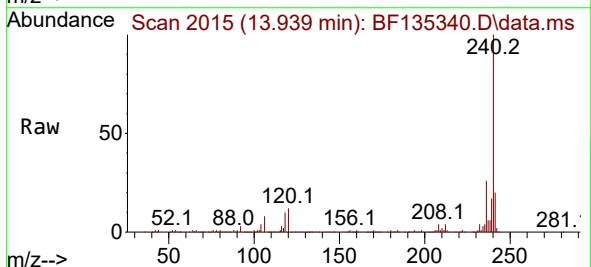
Instrument :
BNA_F
ClientSampleId :
PB155405BL

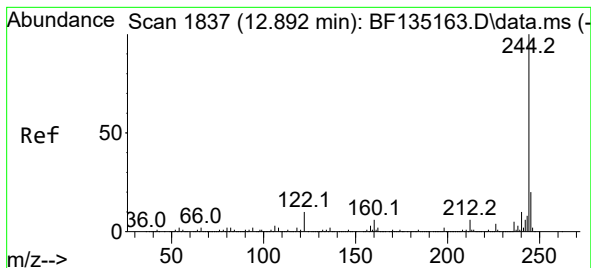
Tgt Ion:248 Resp: 18979
Ion Ratio Lower Upper
248 100
250 200.2 78.6 117.8#
141 527.2 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135340.D
Acq: 19 Sep 2023 17:53

Tgt Ion:240 Resp: 252344
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.2
236 25.7 19.8 29.8





#79

Terphenyl-d14

Concen: 84.625 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135340.D

Acq: 19 Sep 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB155405BL

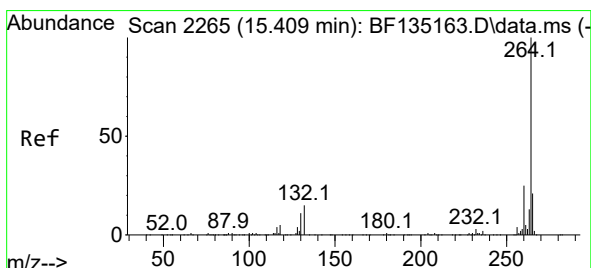
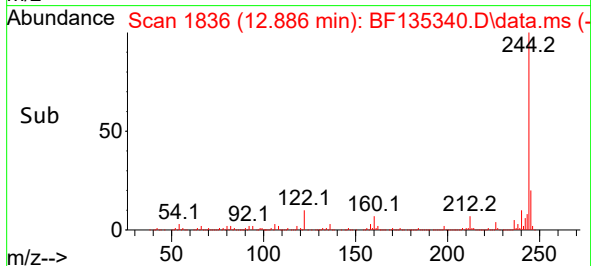
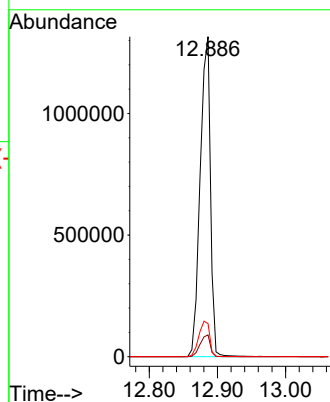
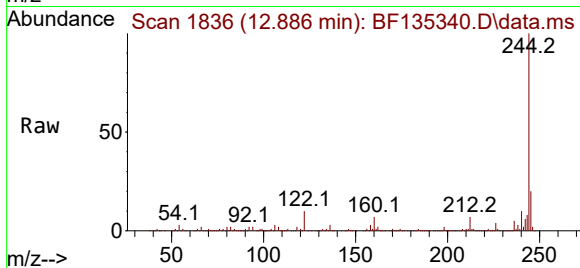
Tgt Ion:244 Resp: 1377545

Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 10.3 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF135340.D

Acq: 19 Sep 2023 17:53

Tgt Ion:264 Resp: 271600

Ion Ratio Lower Upper

264 100

260 23.1 19.8 29.6

265 21.3 17.0 25.4

