

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135175.D
 Acq On : 12 Sep 2023 11:32
 Operator : CG\JU
 Sample : PB155416TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155416TB

Quant Time: Sep 13 02:00:25 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)

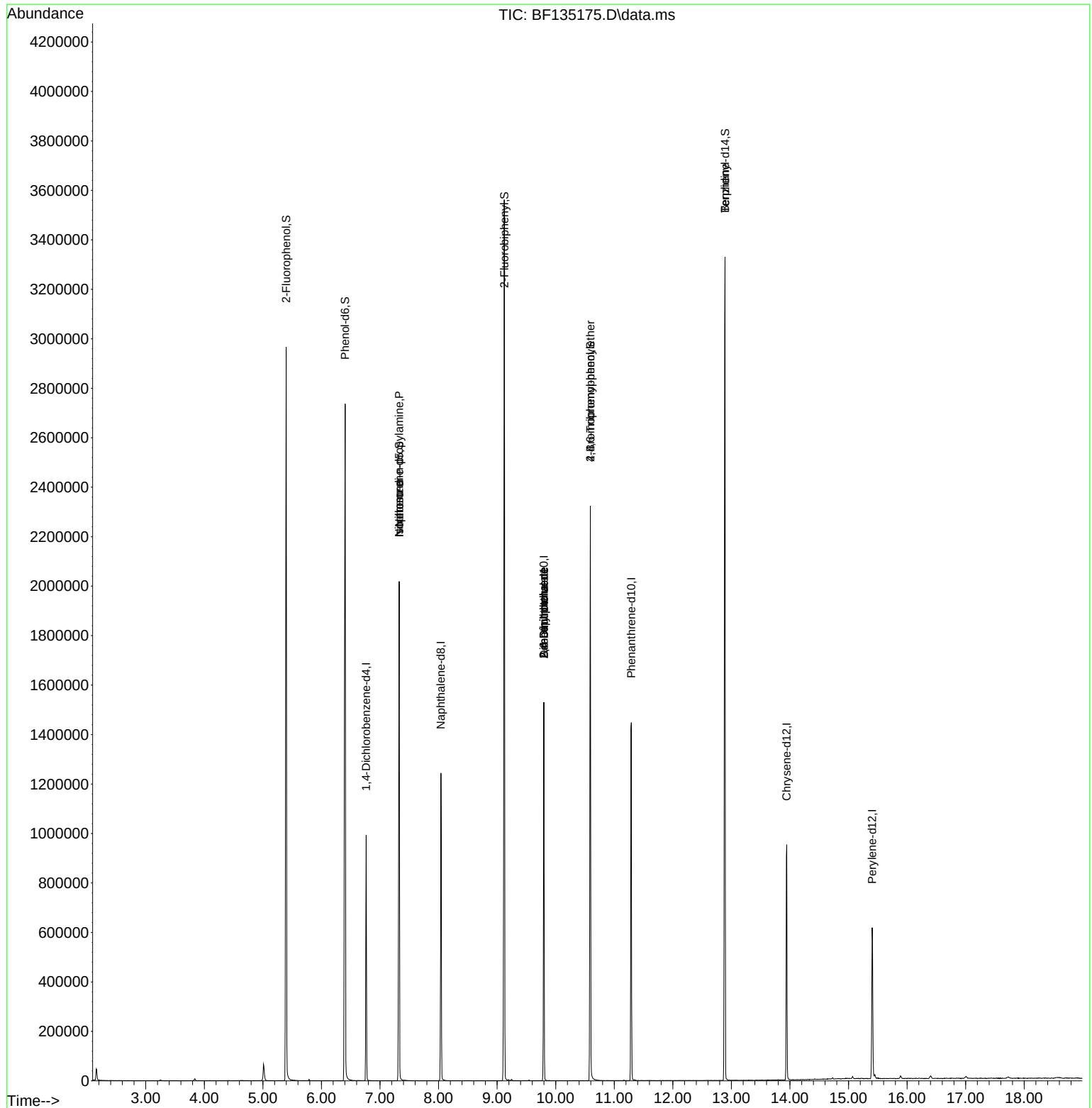
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	134912	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	535602	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	277214	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	560608	20.000	ng	0.00
76) Chrysene-d12	13.945	240	346102	20.000	ng	0.00
86) Perylene-d12	15.404	264	296030	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	806031	97.172	ng	0.01
7) Phenol-d6	6.404	99	1014061	96.143	ng	0.00
23) Nitrobenzene-d5	7.328	82	630912	63.997	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	272108	98.775	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1179095	64.172	ng	0.00
79) Terphenyl-d14	12.892	244	1285694	57.586	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	84922	12.999	ng	# 77
25) Isophorone	7.328	82	629645	34.782	ng	# 65
50) Dimethylphthalate	9.798	163	56209	2.999	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	35030	8.532	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	35030	6.815	ng	# 19
67) 4-Bromophenyl-phenylether	10.592	248	16968	3.043	ng	# 1
77) Benzidine	12.892	184	16188	2.283	ng	# 91

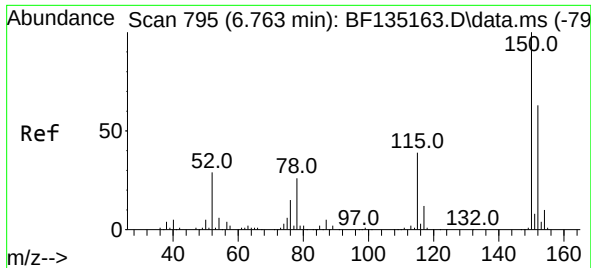
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
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Operator : CG\JU
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BNA_F
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PB155416TB

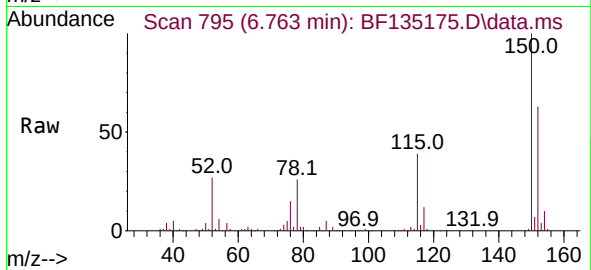
Quant Time: Sep 13 02:00:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration



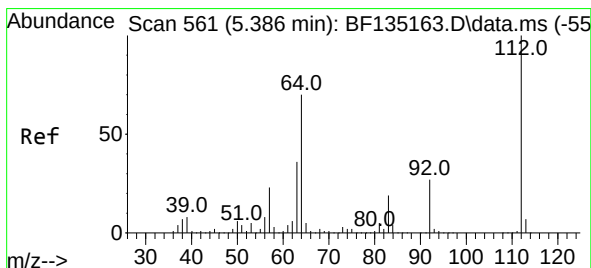
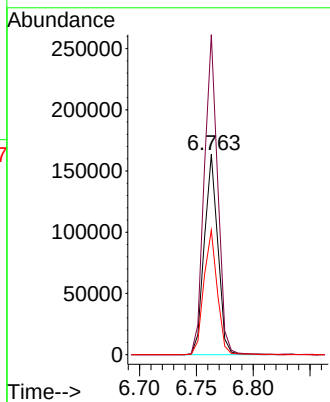
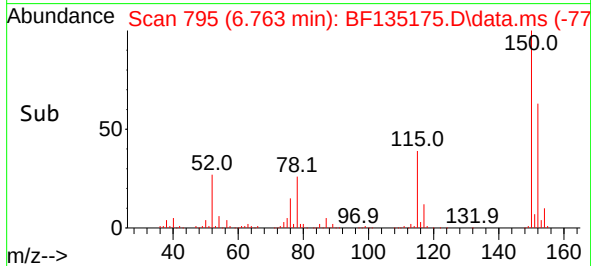


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135175.D
Acq: 12 Sep 2023 11:32

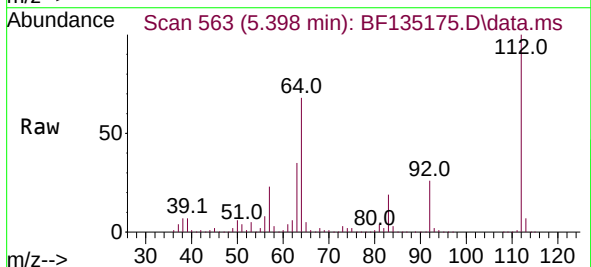
Instrument :
BNA_F
ClientSampleId :
PB155416TB



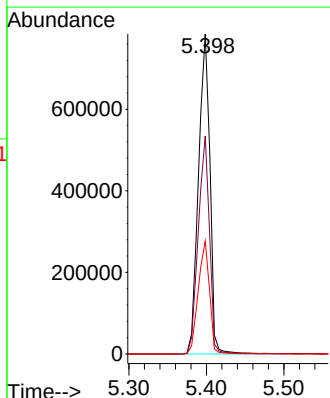
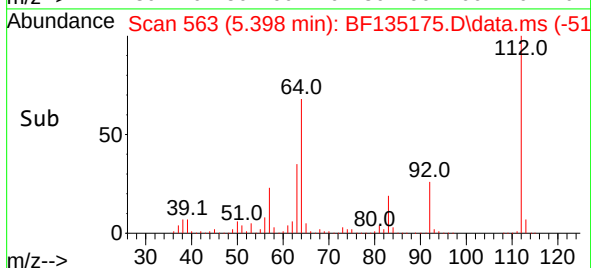
Tgt Ion:152 Resp: 134912
Ion Ratio Lower Upper
152 100
150 159.8 127.8 191.6
115 62.2 49.8 74.8

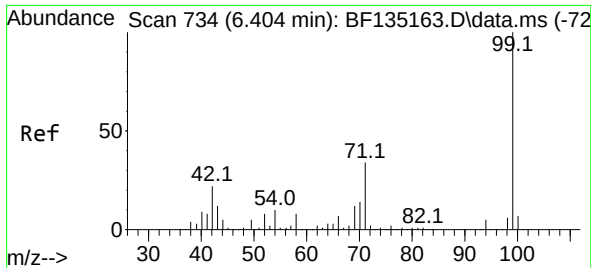


#5
2-Fluorophenol
Concen: 97.172 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135175.D
Acq: 12 Sep 2023 11:32



Tgt Ion:112 Resp: 806031
Ion Ratio Lower Upper
112 100
64 68.1 55.9 83.9
63 35.3 29.0 43.6

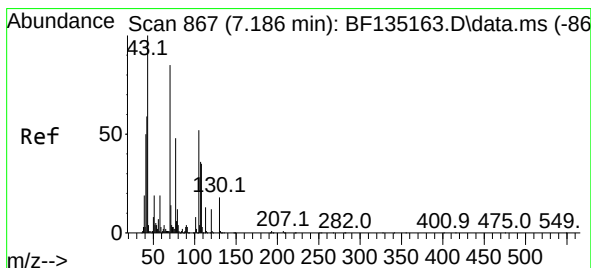
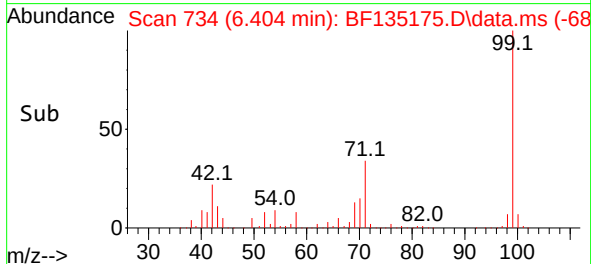
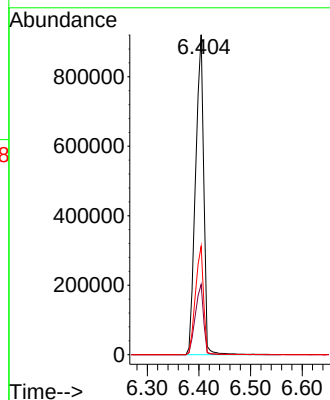
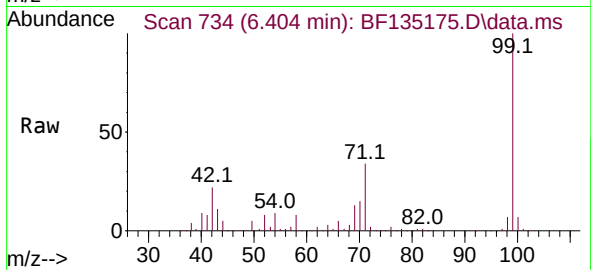




#7
Phenol-d6
Concen: 96.143 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135175.D
Acq: 12 Sep 2023 11:32

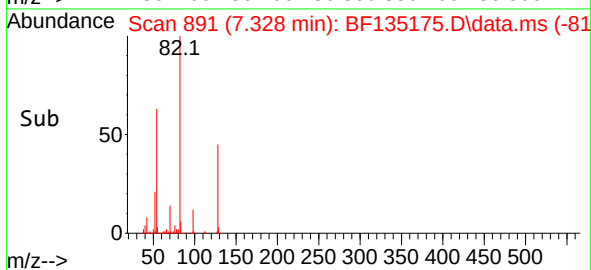
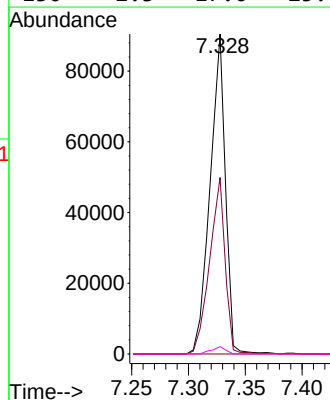
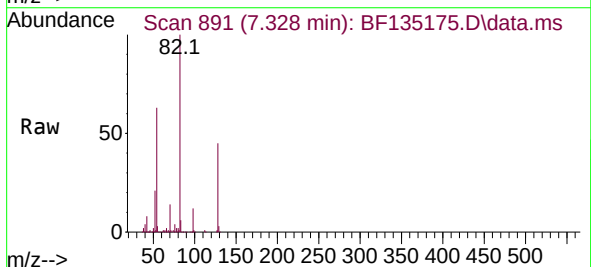
Instrument :
BNA_F
ClientSampleId :
PB155416TB

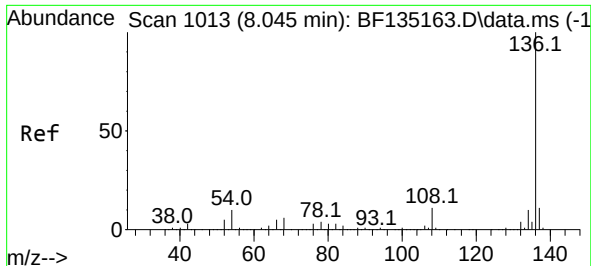
Tgt Ion: 99 Resp: 1014061
Ion Ratio Lower Upper
99 100
42 21.9 17.9 26.9
71 33.9 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.999 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135175.D
Acq: 12 Sep 2023 11:32

Tgt Ion: 70 Resp: 84922
Ion Ratio Lower Upper
70 100
42 55.1 55.4 83.0#
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#





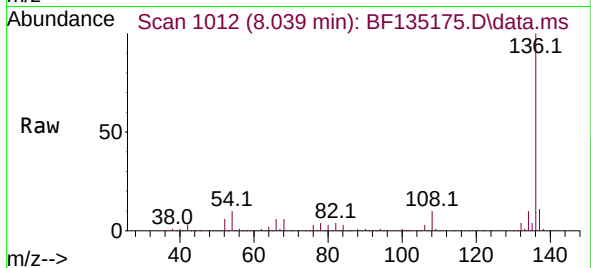
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135175.D
Acq: 12 Sep 2023 11:32

Instrument :

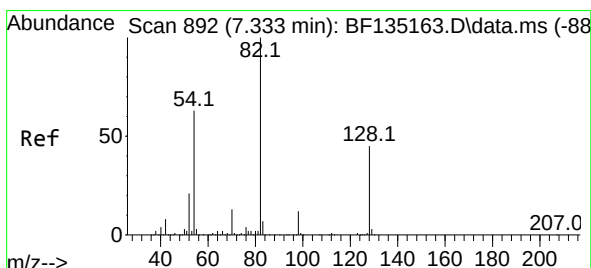
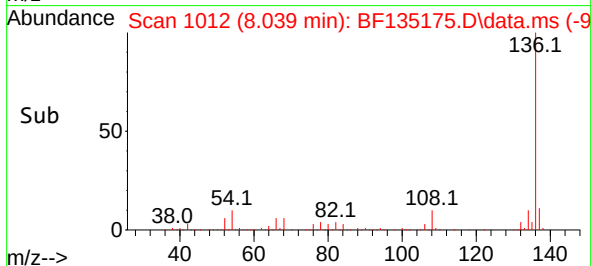
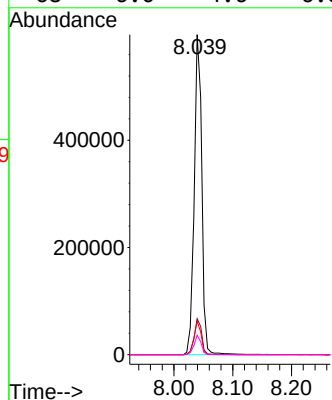
BNA_F

ClientSampleId :

PB155416TB

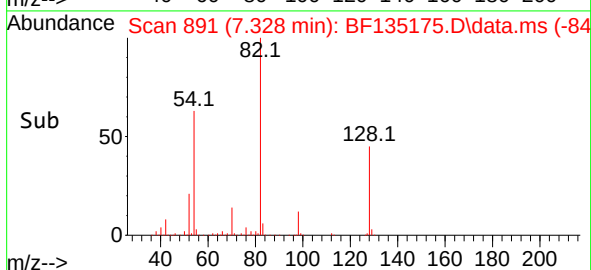
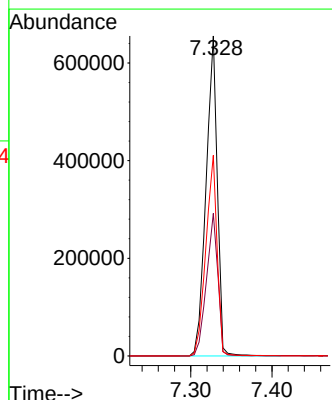
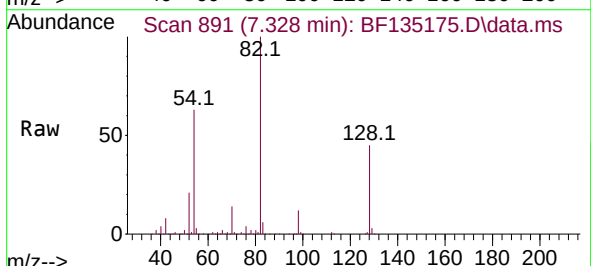


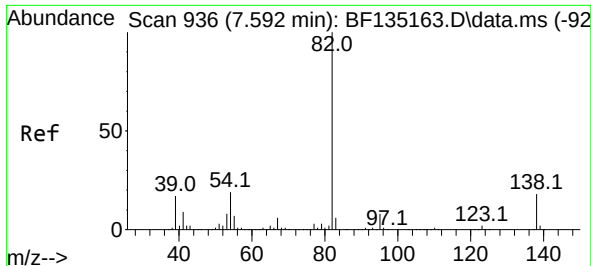
Tgt Ion:136 Resp: 535602
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.4 7.7 11.5
68 6.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 63.997 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135175.D
Acq: 12 Sep 2023 11:32

Tgt Ion: 82 Resp: 630912
Ion Ratio Lower Upper
82 100
128 44.5 35.8 53.6
54 62.7 50.6 76.0

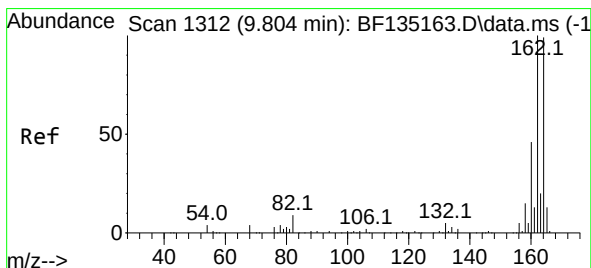
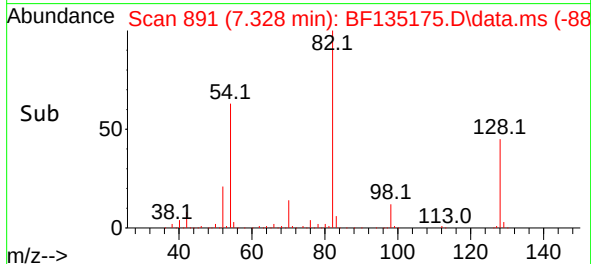
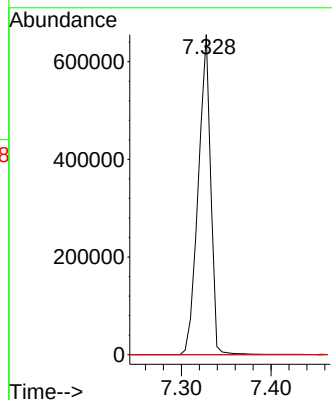
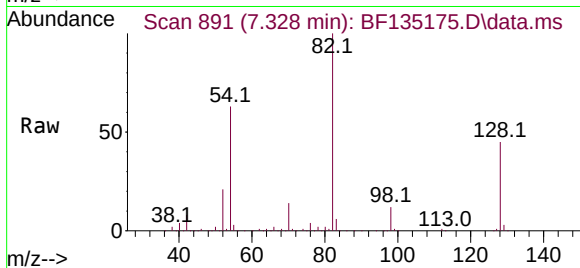




#25
Isophorone
Concen: 34.782 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.264 min
Lab File: BF135175.D
Acq: 12 Sep 2023 11:32

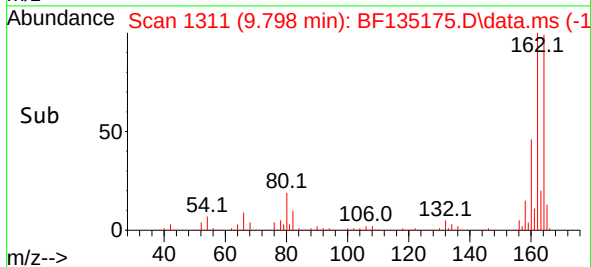
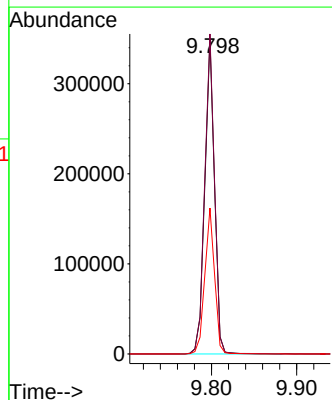
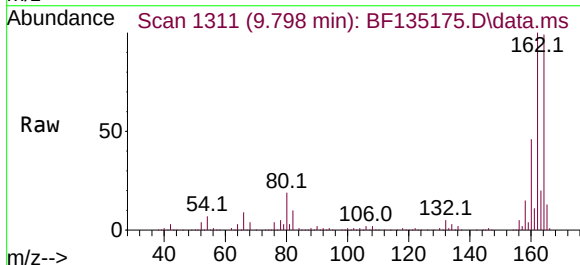
Instrument :
BNA_F
ClientSampleId :
PB155416TB

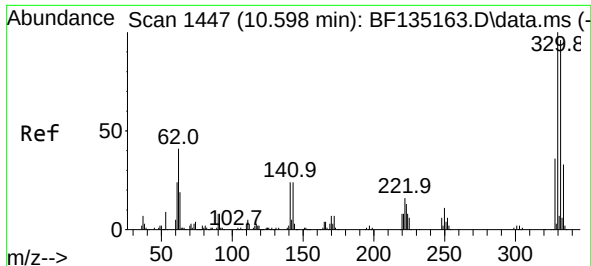
Tgt Ion: 82 Resp: 629645
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135175.D
Acq: 12 Sep 2023 11:32

Tgt Ion:164 Resp: 277214
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.4
160 46.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 98.775 ng

RT: 10.592 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF135175.D

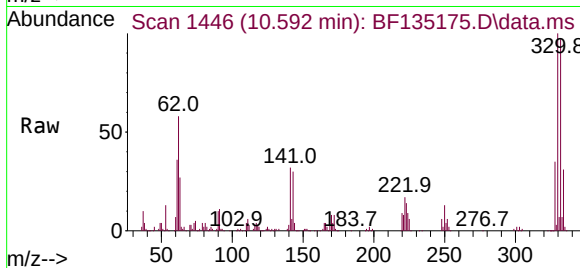
Acq: 12 Sep 2023 11:32

Instrument :

BNA_F

ClientSampleId :

PB155416TB



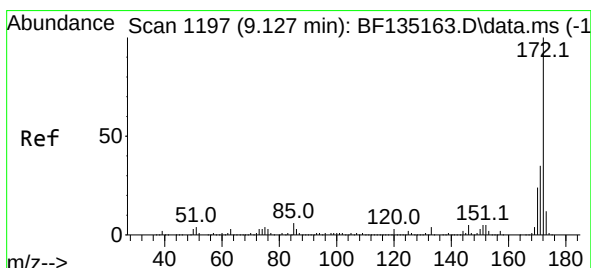
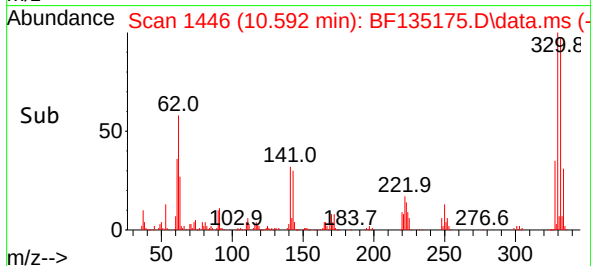
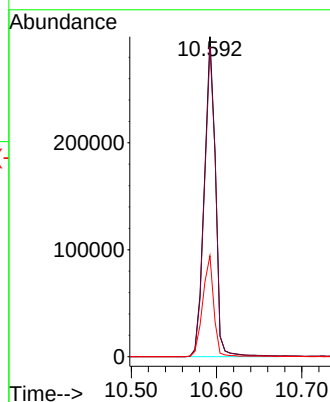
Tgt Ion:330 Resp: 272108

Ion Ratio Lower Upper

330 100

332 97.9 77.3 115.9

141 31.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 64.172 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135175.D

Acq: 12 Sep 2023 11:32

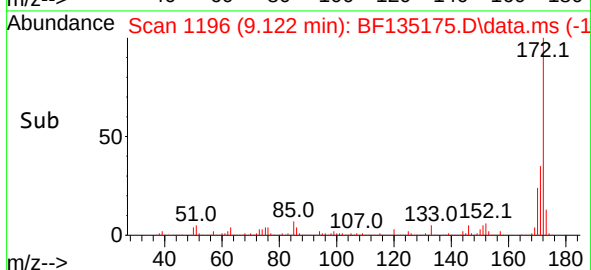
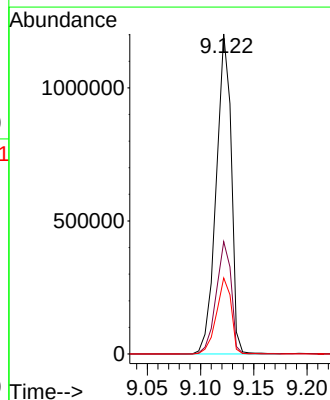
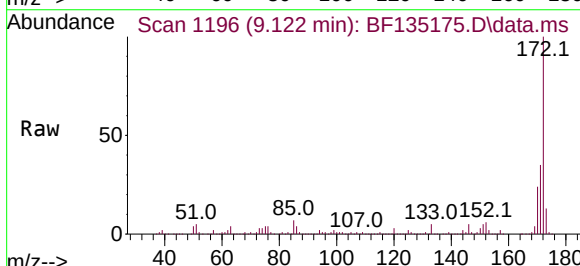
Tgt Ion:172 Resp: 1179095

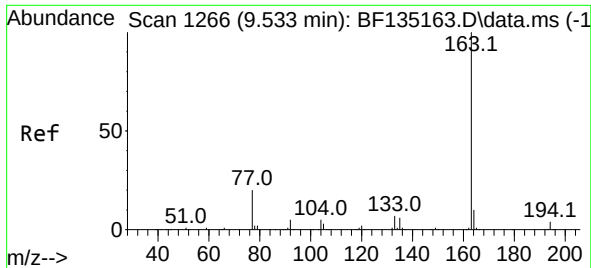
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.7 19.0 28.4

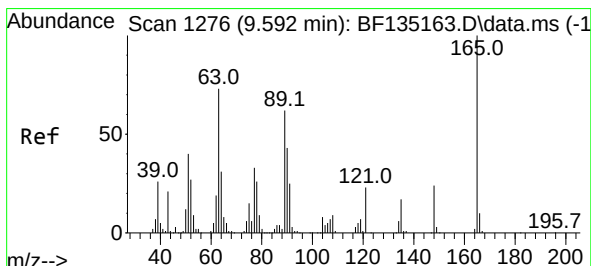
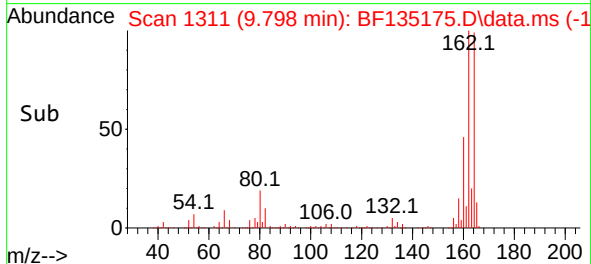
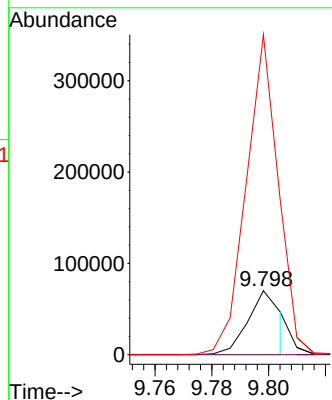
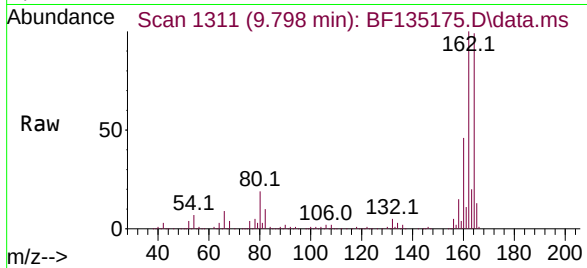




#50
Dimethylphthalate
Concen: 2.999 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135175.D
Acq: 12 Sep 2023 11:32

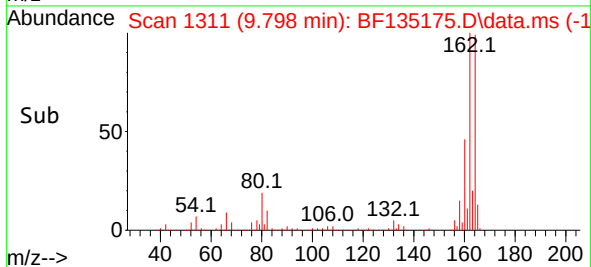
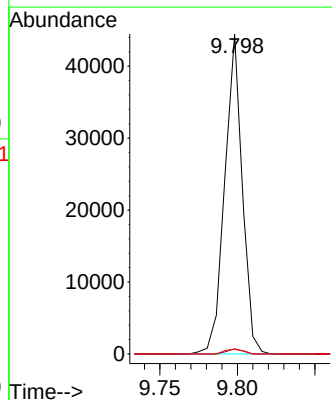
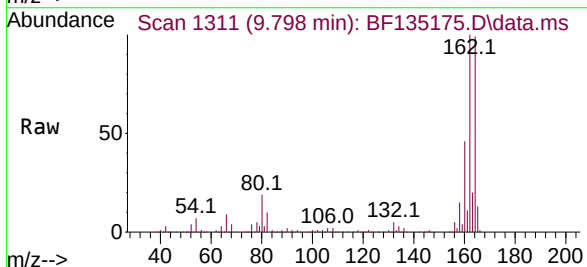
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PB155416TB

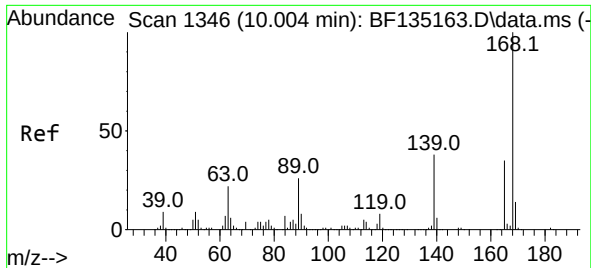
Tgt Ion:163 Resp: 56209
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 499.5 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.532 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135175.D
Acq: 12 Sep 2023 11:32

Tgt Ion:165 Resp: 35030
Ion Ratio Lower Upper
165 100
63 1.6 59.4 89.2#
89 1.5 49.8 74.8#

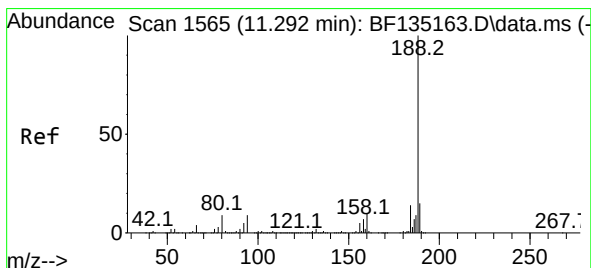
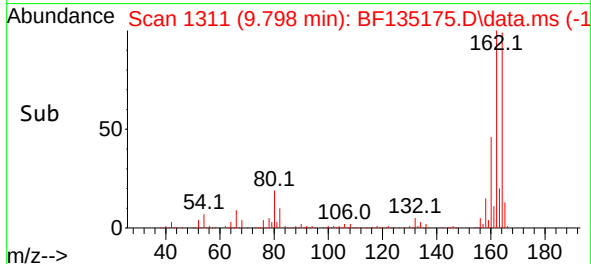
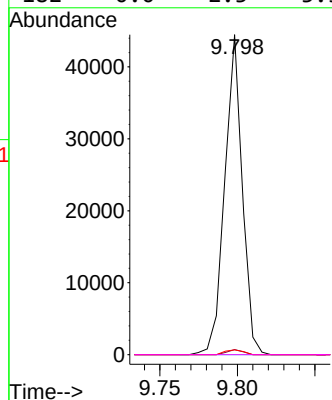
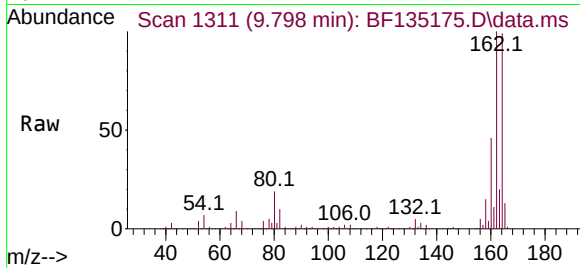




#57
2,4-Dinitrotoluene
Concen: 6.815 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135175.D
Acq: 12 Sep 2023 11:32

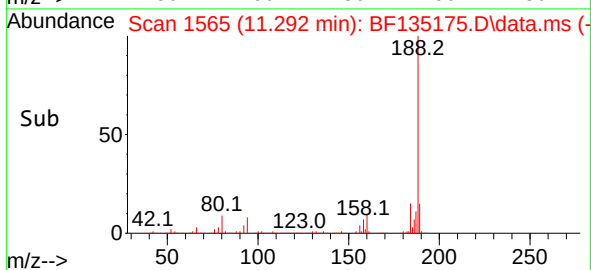
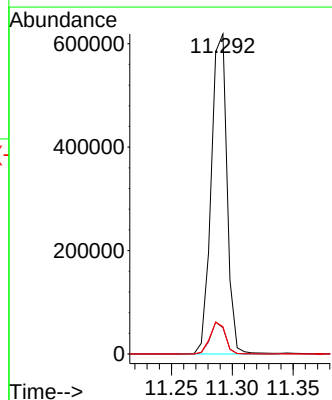
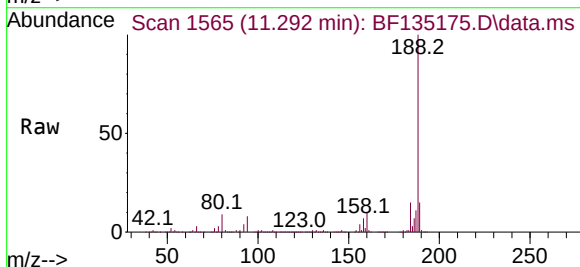
Instrument :
BNA_F
ClientSampleId :
PB155416TB

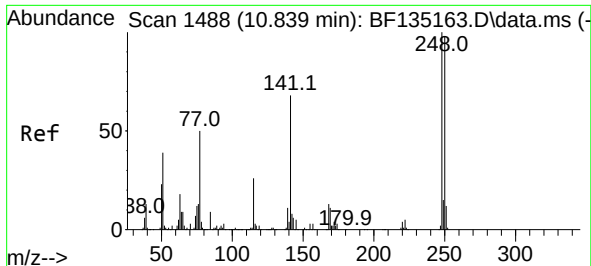
Tgt Ion:165 Resp: 35030
Ion Ratio Lower Upper
165 100
63 1.6 50.1 75.1#
89 1.5 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135175.D
Acq: 12 Sep 2023 11:32

Tgt Ion:188 Resp: 560608
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 8.6 7.5 11.3

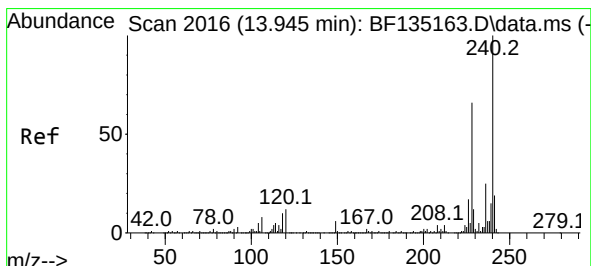
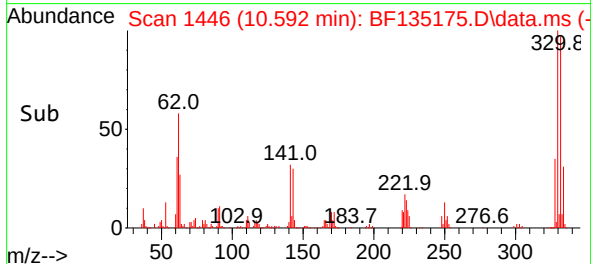
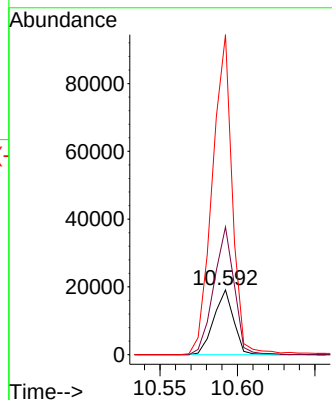
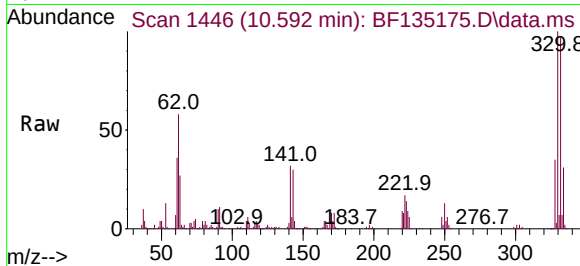




#67
4-Bromophenyl-phenylether
Concen: 3.043 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135175.D
Acq: 12 Sep 2023 11:32

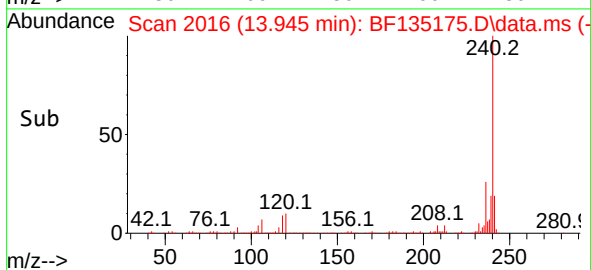
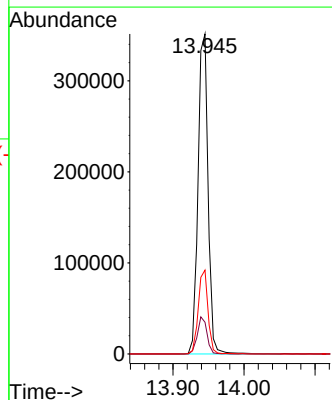
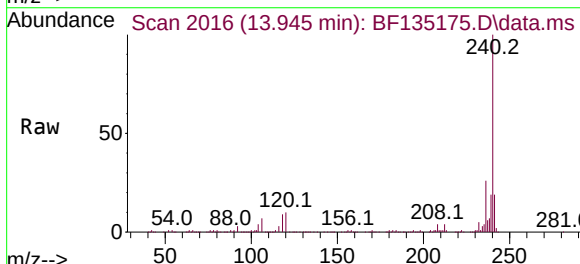
Instrument :
BNA_F
ClientSampleId :
PB155416TB

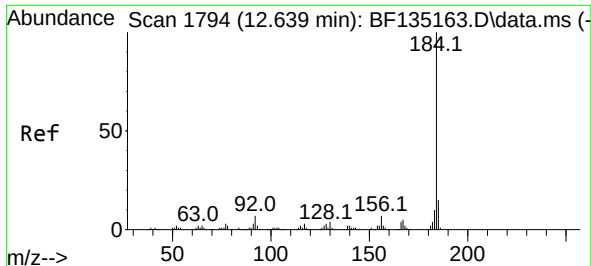
Tgt Ion:248 Resp: 16968
Ion Ratio Lower Upper
248 100
250 197.2 78.6 117.8#
141 494.3 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135175.D
Acq: 12 Sep 2023 11:32

Tgt Ion:240 Resp: 346102
Ion Ratio Lower Upper
240 100
120 9.9 9.4 14.2
236 26.2 19.8 29.8

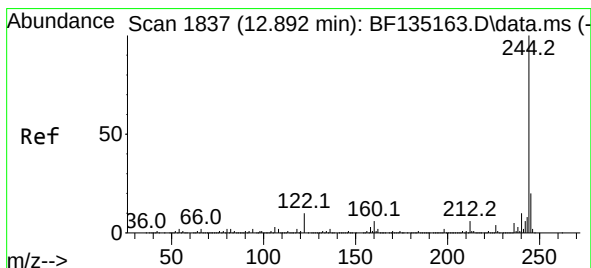
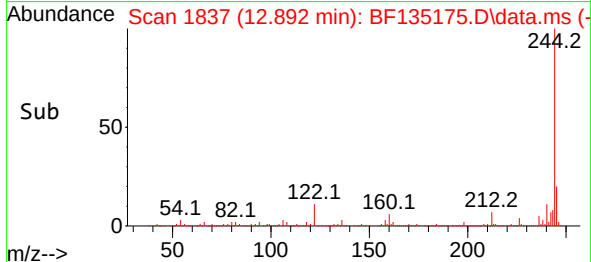
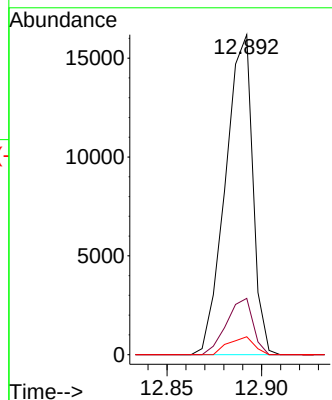
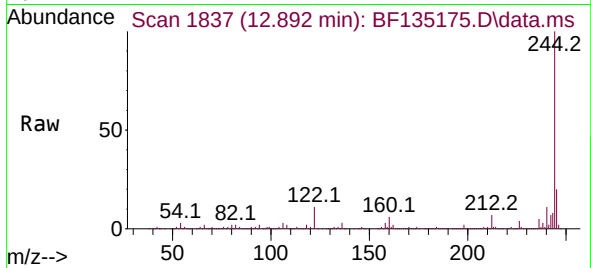




#77
Benzidine
Concen: 2.283 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF135175.D
Acq: 12 Sep 2023 11:32

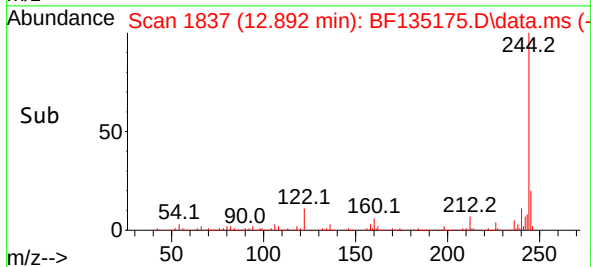
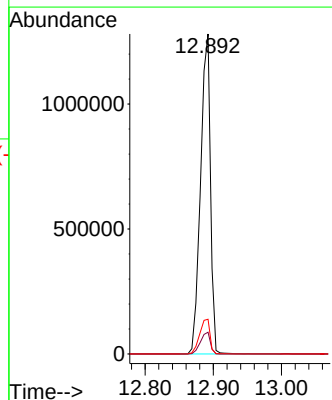
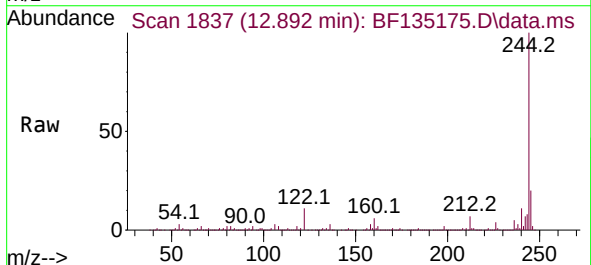
Instrument :
BNA_F
ClientSampleId :
PB155416TB

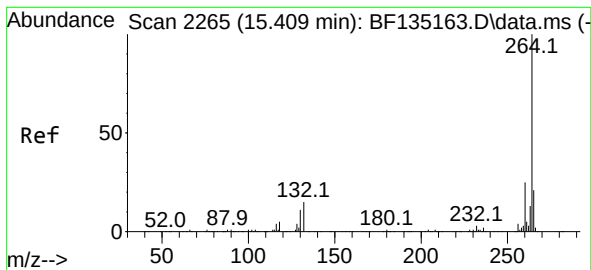
Tgt Ion:184 Resp: 16188
Ion Ratio Lower Upper
184 100
185 17.6 11.7 17.5#
183 5.6 8.2 12.4#



#79
Terphenyl-d14
Concen: 57.586 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF135175.D
Acq: 12 Sep 2023 11:32

Tgt Ion:244 Resp: 1285694
Ion Ratio Lower Upper
244 100
212 6.8 5.1 7.7
122 10.8 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF135175.D

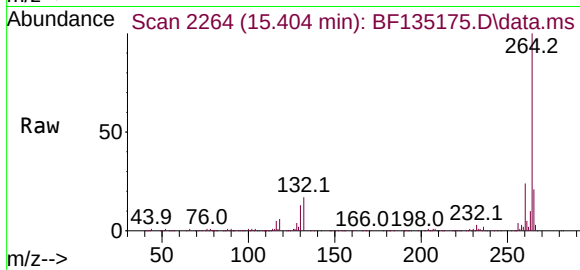
Acq: 12 Sep 2023 11:32

Instrument :

BNA_F

ClientSampleId :

PB155416TB



Tgt Ion:264 Resp: 296030

Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

265 20.8 17.0 25.4

