

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135201.D
 Acq On : 13 Sep 2023 02:21
 Operator : CG\JU
 Sample : PB155443BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155443BL

Quant Time: Sep 13 07:40:57 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)

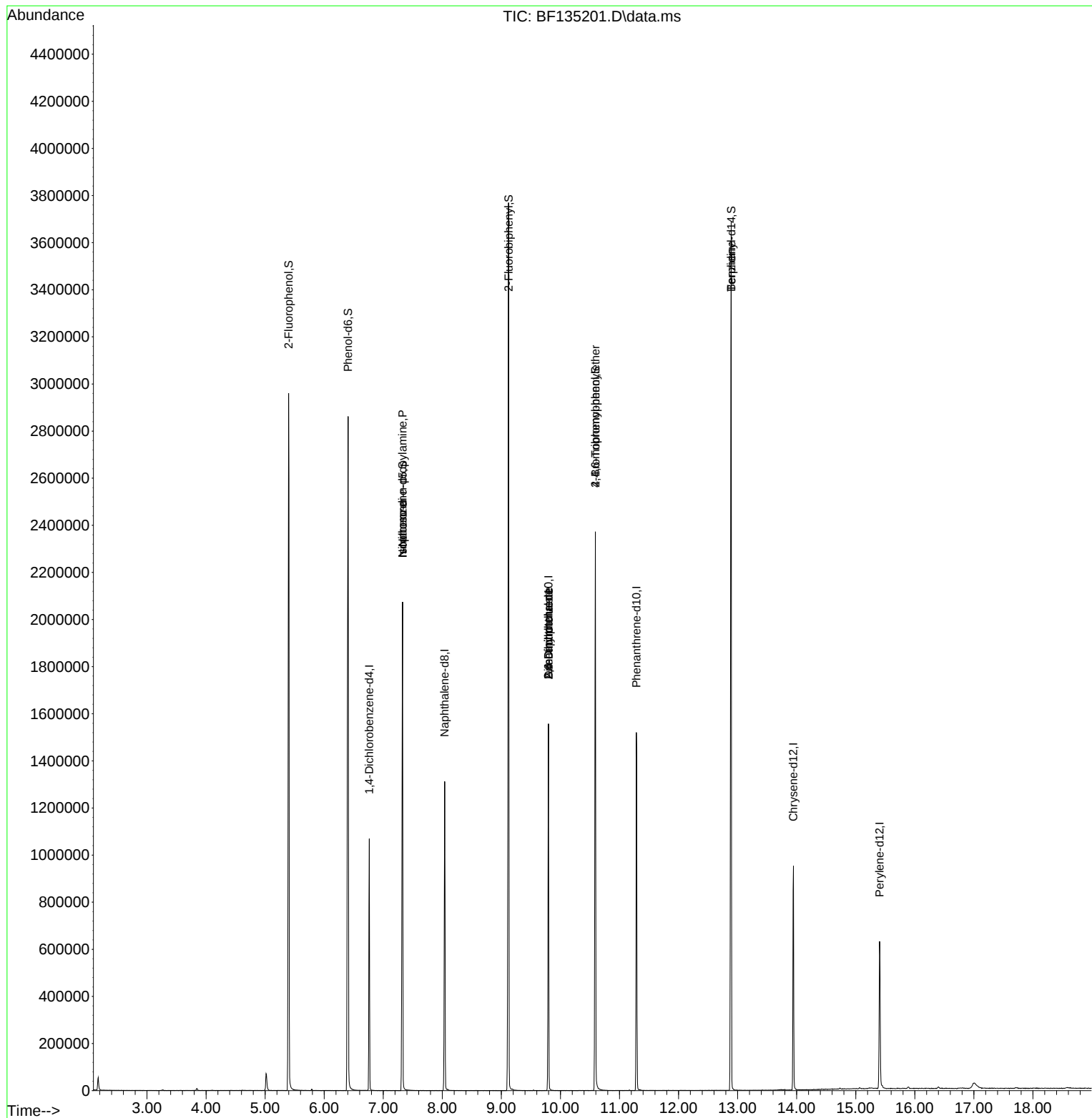
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	147661	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	572612	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	300135	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	590499	20.000	ng	0.00
76) Chrysene-d12	13.945	240	329801	20.000	ng	0.00
86) Perylene-d12	15.403	264	312581	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	860537	94.786	ng	0.01
7) Phenol-d6	6.404	99	1086973	94.158	ng	0.00
23) Nitrobenzene-d5	7.328	82	678094	64.338	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	299221	100.322	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1250561	62.863	ng	0.00
79) Terphenyl-d14	12.892	244	1410854	66.316	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.328	70	91753	12.832	ng	# 76
25) Isophorone	7.328	82	672806	34.764	ng	# 65
50) Dimethylphthalate	9.798	163	61505	3.031	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	39082	8.792	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	39082	7.023	ng	# 19
67) 4-Bromophenyl-phenylether	10.592	248	18800	3.201	ng	# 1
77) Benzidine	12.892	184	17633	2.610	ng	# 95

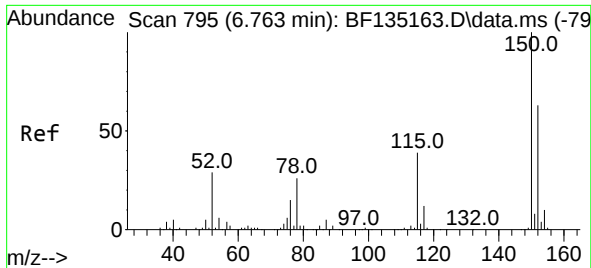
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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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

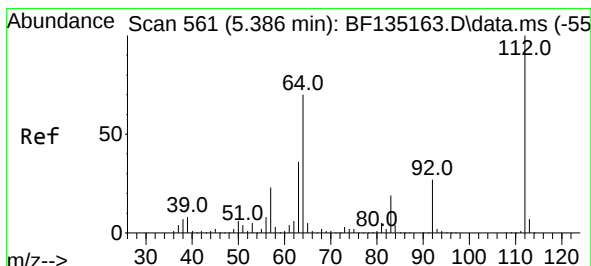
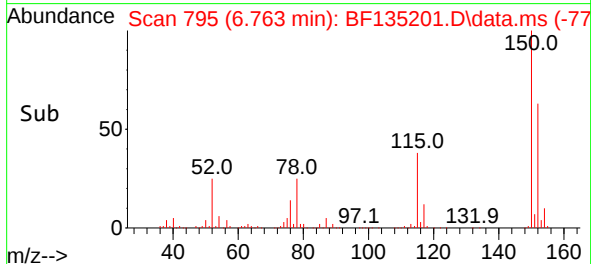
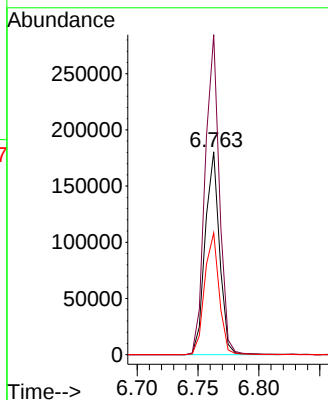
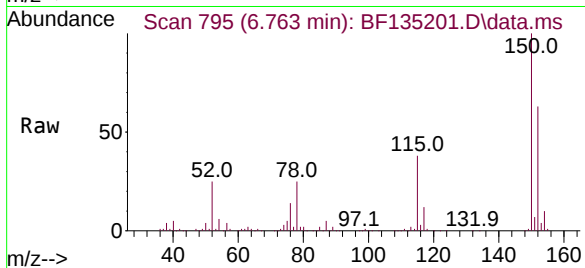




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135201.D
Acq: 13 Sep 2023 02:21

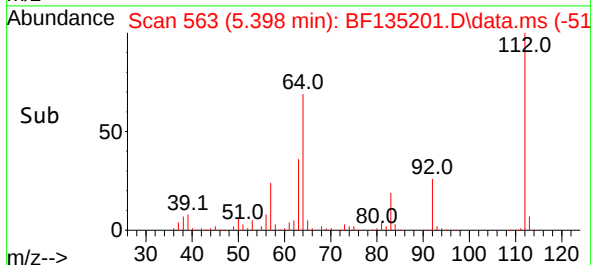
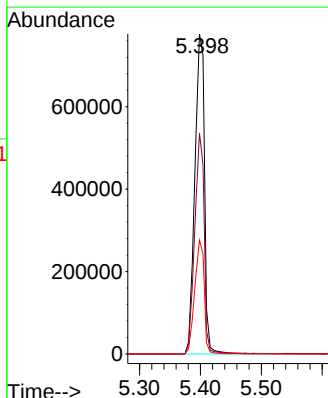
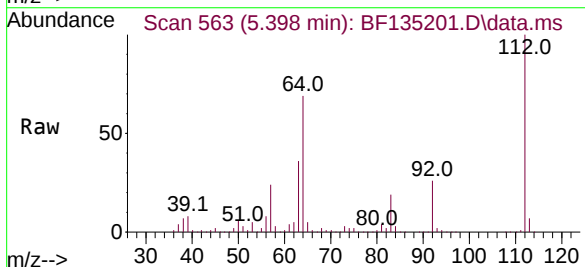
Instrument :
BNA_F
ClientSampleId :
PB155443BL

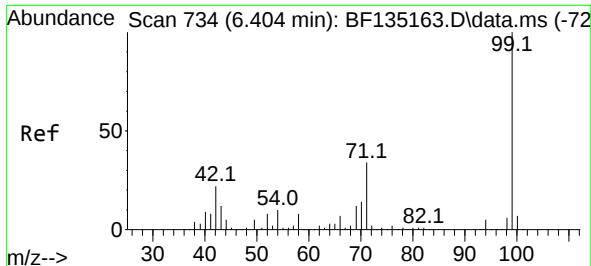
Tgt Ion:152 Resp: 147661
Ion Ratio Lower Upper
152 100
150 157.7 127.8 191.6
115 60.0 49.8 74.8



#5
2-Fluorophenol
Concen: 94.786 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135201.D
Acq: 13 Sep 2023 02:21

Tgt Ion:112 Resp: 860537
Ion Ratio Lower Upper
112 100
64 69.0 55.9 83.9
63 35.5 29.0 43.6

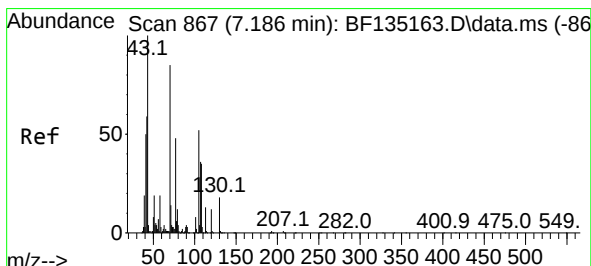
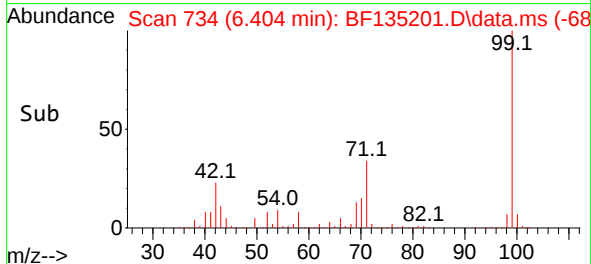
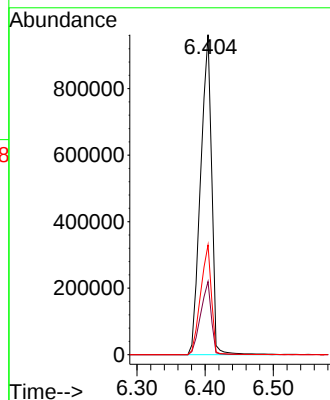
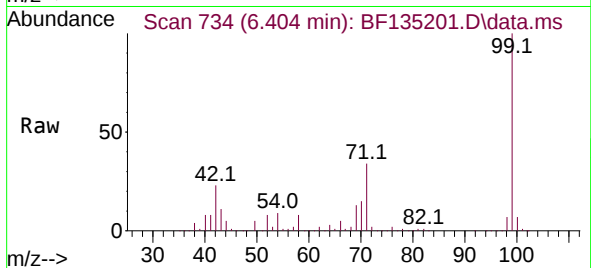




#7
Phenol-d6
Concen: 94.158 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135201.D
Acq: 13 Sep 2023 02:21

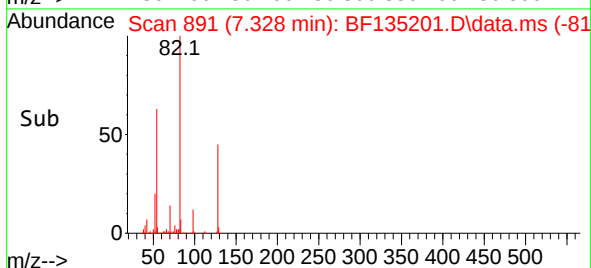
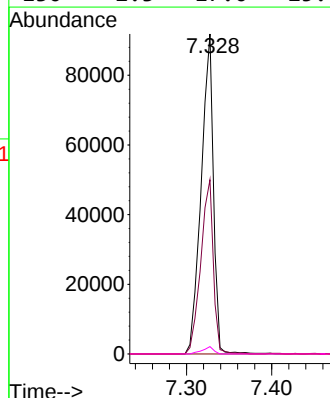
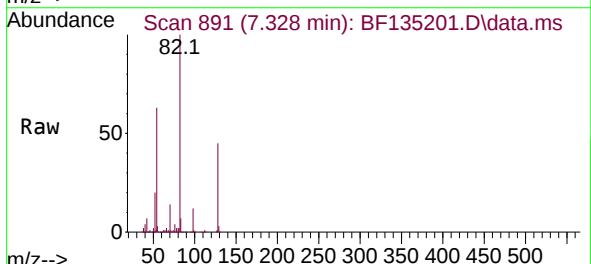
Instrument :
BNA_F
ClientSampleId :
PB155443BL

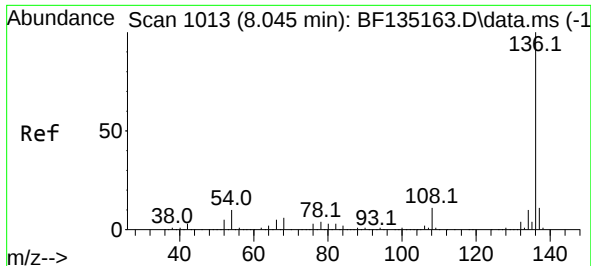
Tgt Ion: 99 Resp: 1086973
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 34.3 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.832 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135201.D
Acq: 13 Sep 2023 02:21

Tgt Ion: 70 Resp: 91753
Ion Ratio Lower Upper
70 100
42 54.4 55.4 83.0#
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#

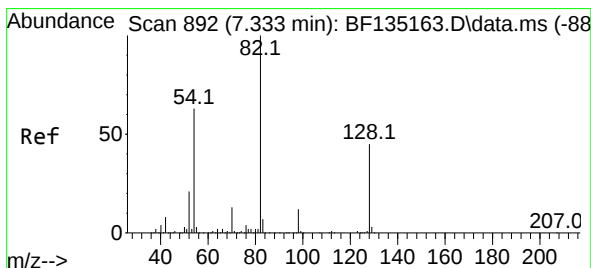
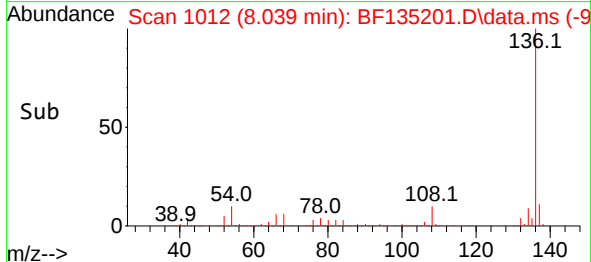
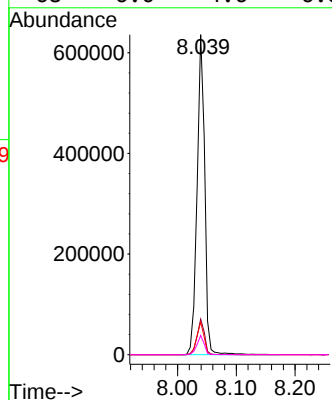
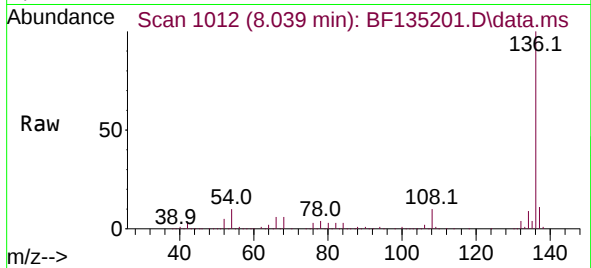




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135201.D
Acq: 13 Sep 2023 02:21

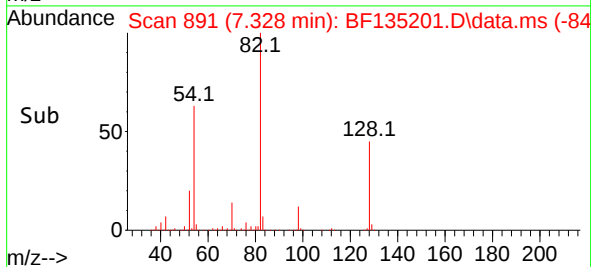
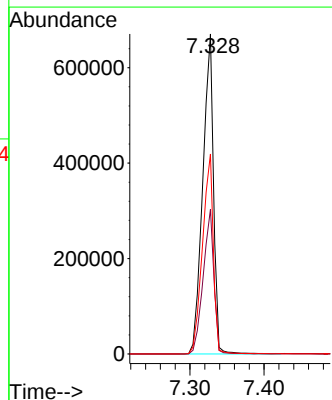
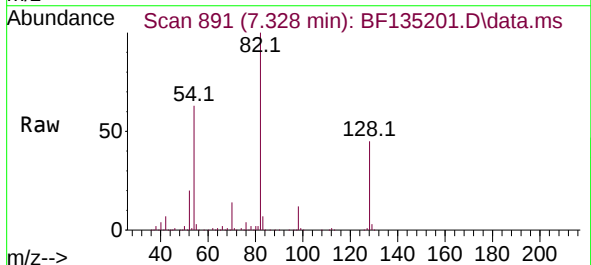
Instrument :
BNA_F
ClientSampleId :
PB155443BL

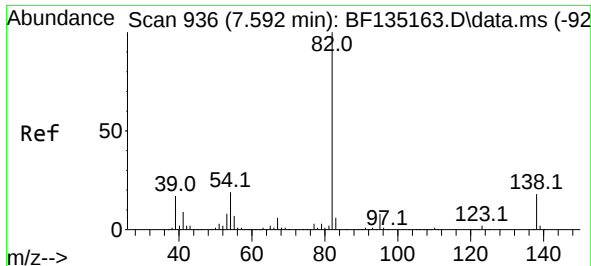
Tgt	Ion:136	Resp:	572612
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.2	7.7	11.5
68	6.0	4.6	6.8



#23
Nitrobenzene-d5
Concen: 64.338 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135201.D
Acq: 13 Sep 2023 02:21

Tgt Ion: 82	Resp: 678094
Ion Ratio	Lower Upper
82 100	
128 45.2	35.8 53.6
54 62.5	50.6 76.0

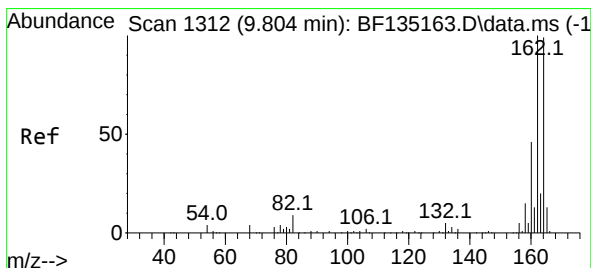
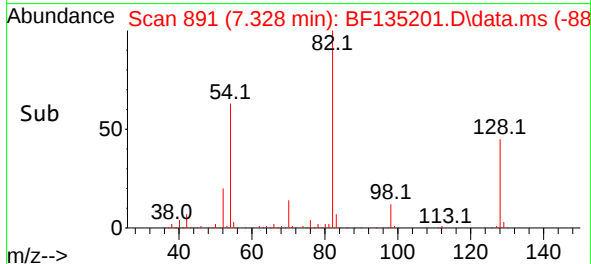
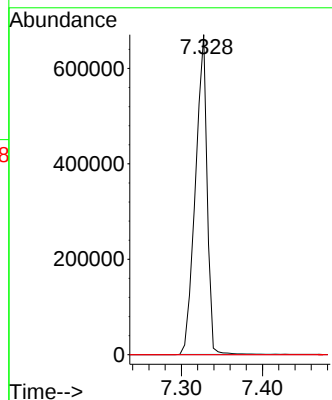
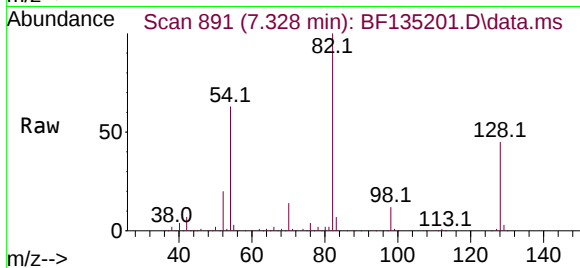




#25
Isophorone
Concen: 34.764 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF135201.D
Acq: 13 Sep 2023 02:21

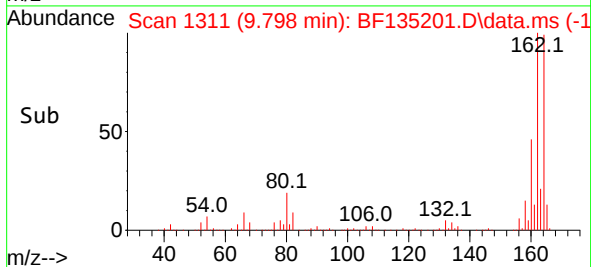
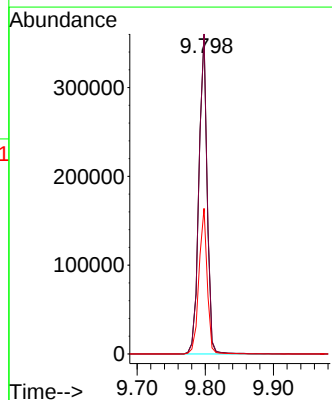
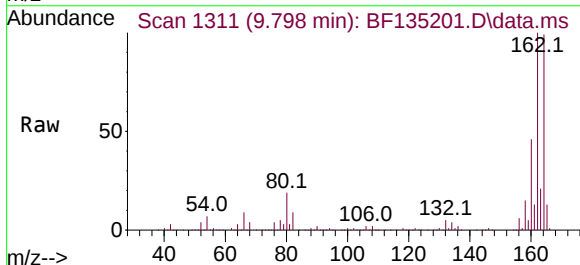
Instrument :
BNA_F
ClientSampleId :
PB155443BL

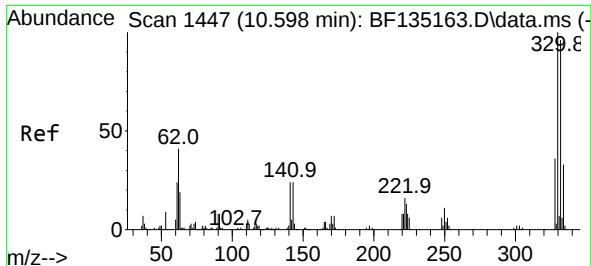
Tgt Ion: 82 Resp: 672806
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135201.D
Acq: 13 Sep 2023 02:21

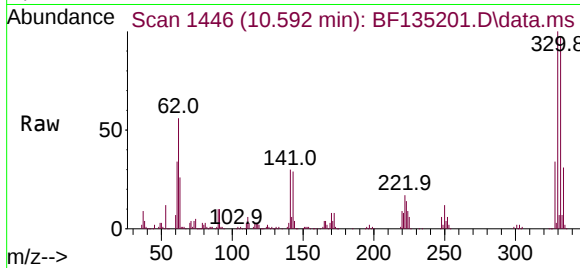
Tgt Ion: 164 Resp: 300135
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 45.8 37.0 55.4



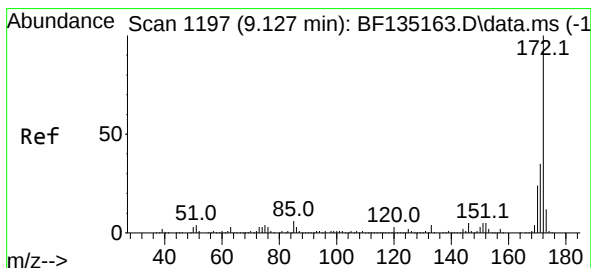
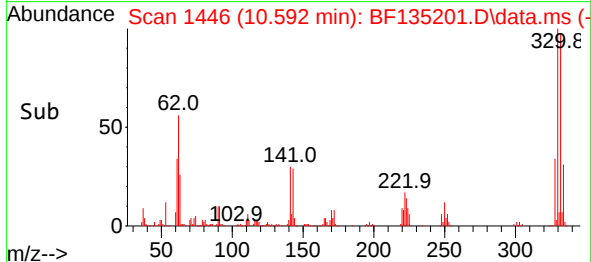
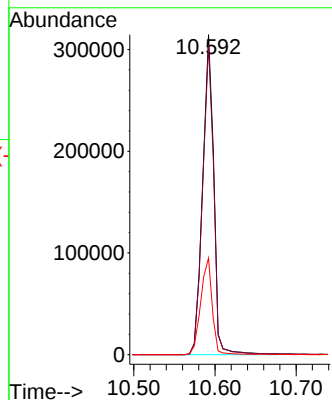


#42
2,4,6-Tribromophenol
Concen: 100.322 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF135201.D
Acq: 13 Sep 2023 02:21

Instrument :
BNA_F
ClientSampleId :
PB155443BL

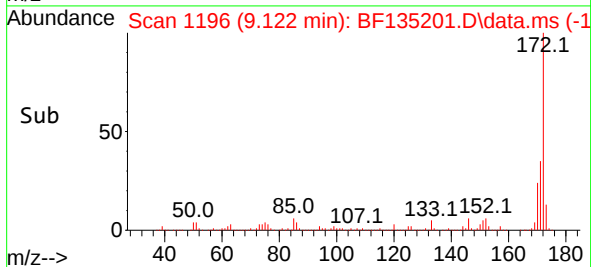
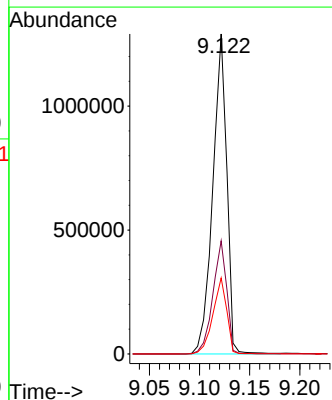
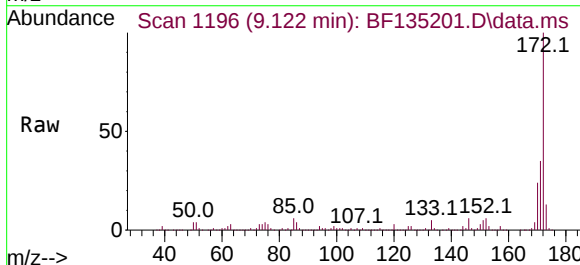


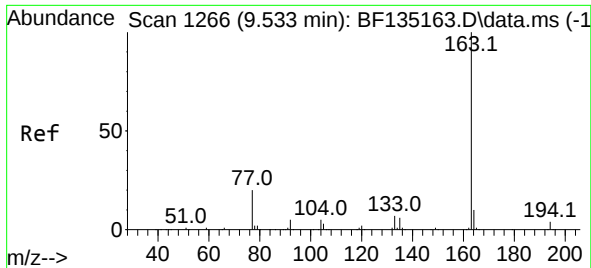
Tgt Ion:330 Resp: 299221
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 31.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 62.863 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135201.D
Acq: 13 Sep 2023 02:21

Tgt Ion:172 Resp: 1250561
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.7 19.0 28.4

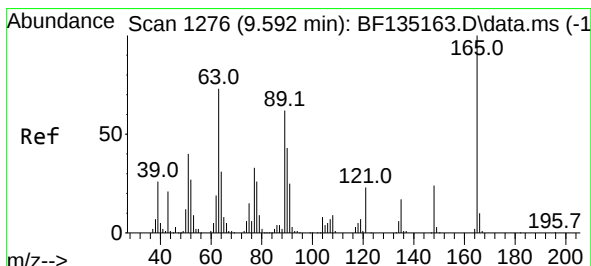
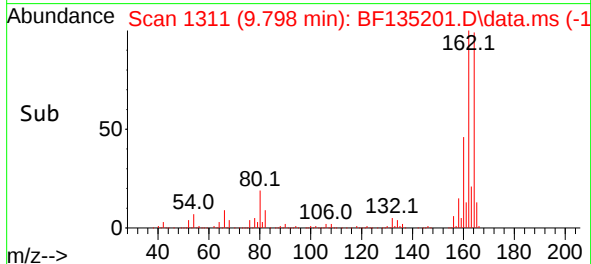
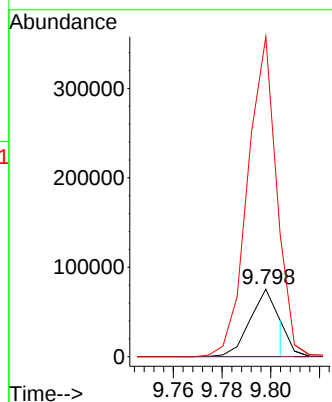
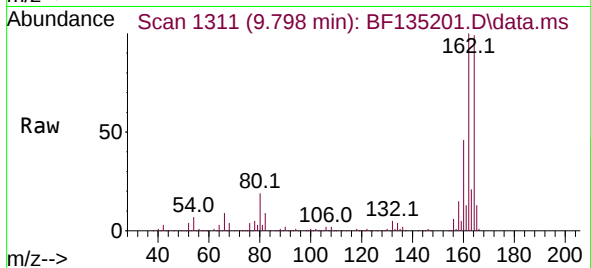




#50
Dimethylphthalate
Concen: 3.031 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135201.D
Acq: 13 Sep 2023 02:21

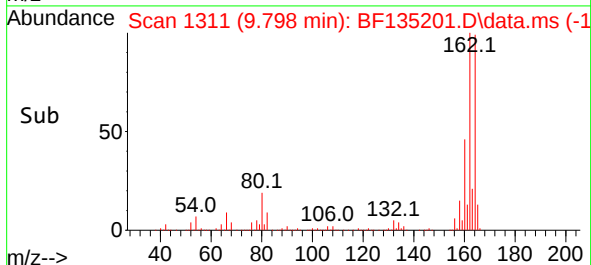
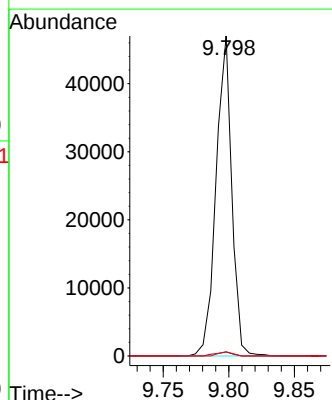
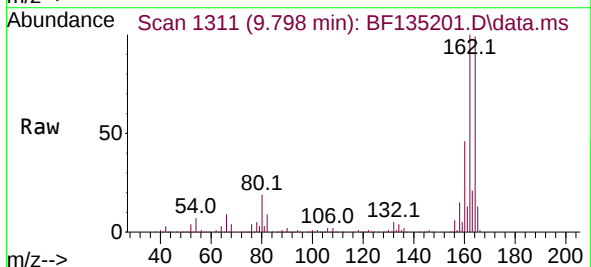
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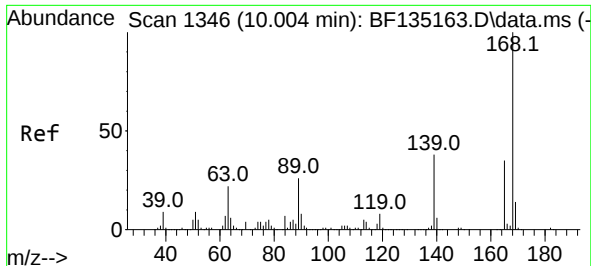
Tgt Ion:163 Resp: 61505
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 474.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.792 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135201.D
Acq: 13 Sep 2023 02:21

Tgt Ion:165 Resp: 39082
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 1.3 49.8 74.8#

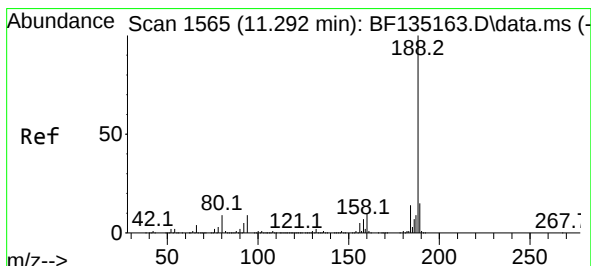
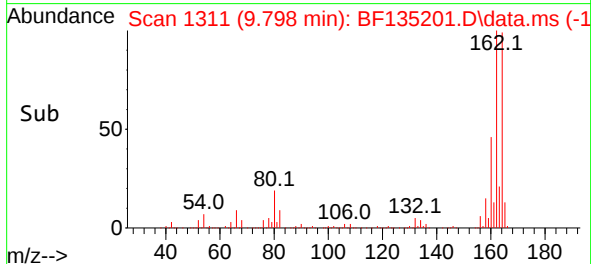
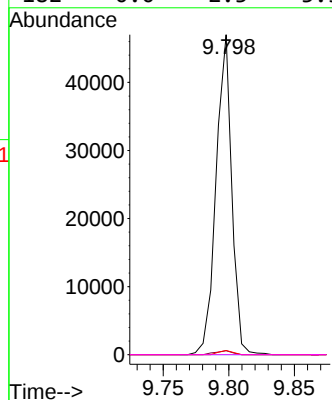
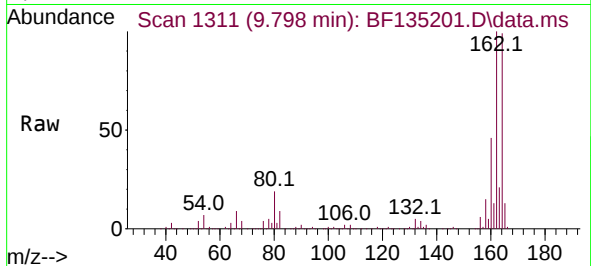




#57
2,4-Dinitrotoluene
Concen: 7.023 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135201.D
Acq: 13 Sep 2023 02:21

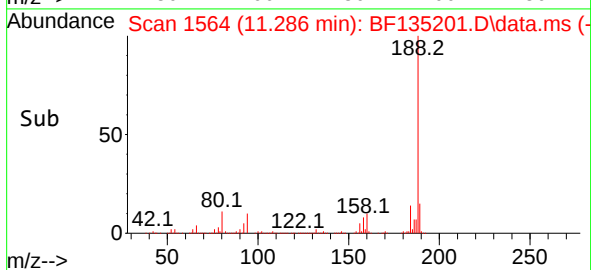
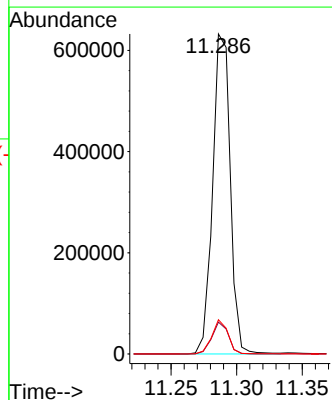
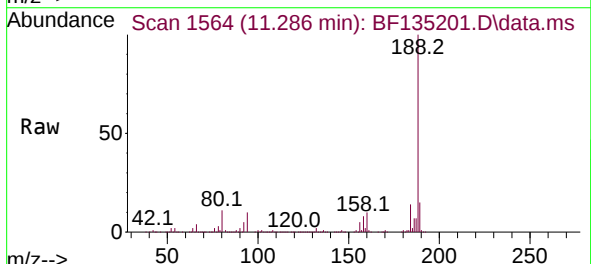
Instrument :
BNA_F
ClientSampleId :
PB155443BL

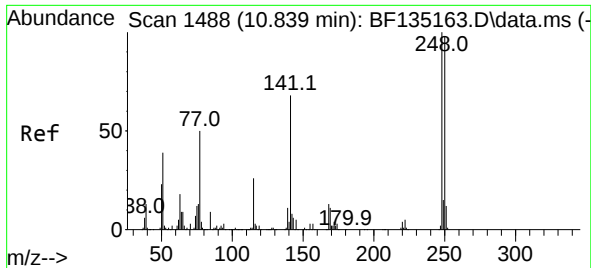
Tgt Ion:165 Resp: 39082
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.3 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135201.D
Acq: 13 Sep 2023 02:21

Tgt Ion:188 Resp: 590499
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.7 7.5 11.3

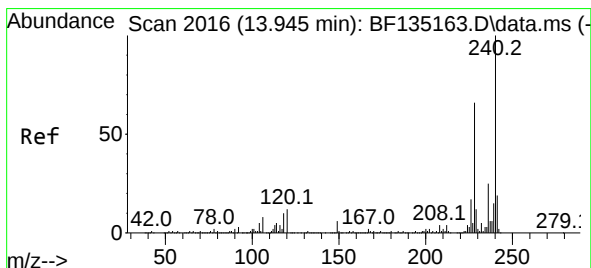
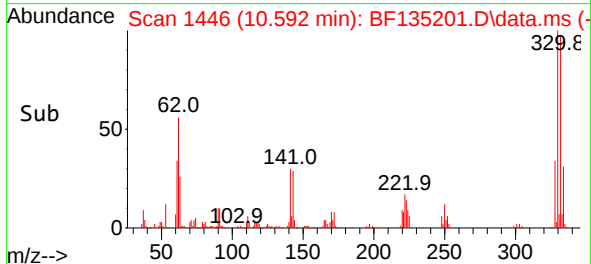
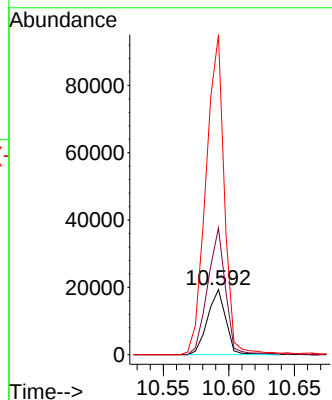
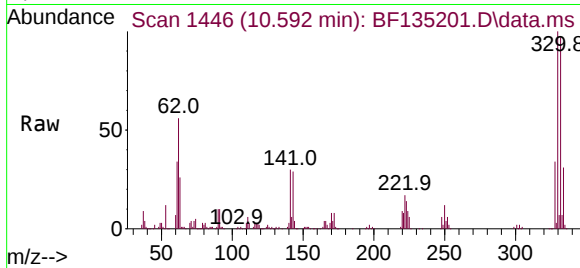




#67
4-Bromophenyl-phenylether
Concen: 3.201 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135201.D
Acq: 13 Sep 2023 02:21

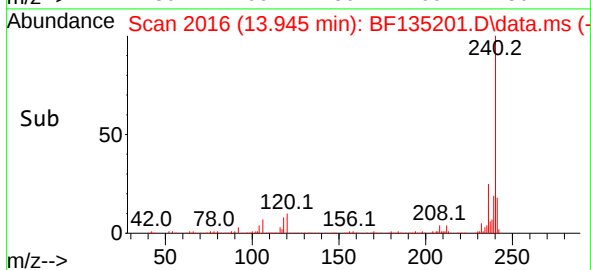
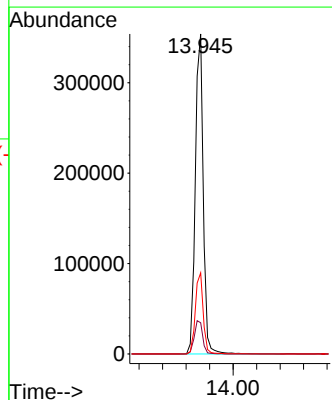
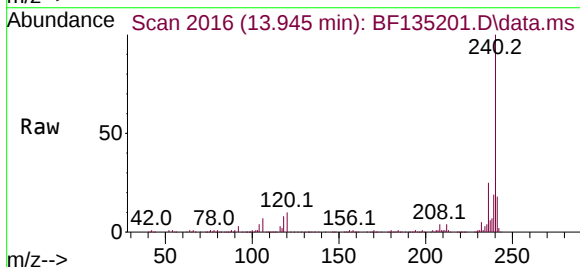
Instrument :
BNA_F
ClientSampleId :
PB155443BL

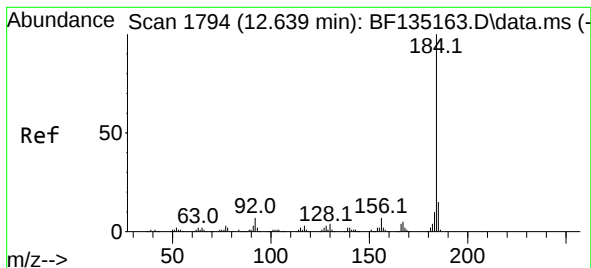
Tgt Ion:248 Resp: 18800
Ion Ratio Lower Upper
248 100
250 194.8 78.6 117.8#
141 491.6 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135201.D
Acq: 13 Sep 2023 02:21

Tgt Ion:240 Resp: 329801
Ion Ratio Lower Upper
240 100
120 9.8 9.4 14.2
236 25.3 19.8 29.8





#77

Benzidine

Concen: 2.610 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.253 min

Lab File: BF135201.D

Acq: 13 Sep 2023 02:21

Instrument :

BNA_F

ClientSampleId :

PB155443BL

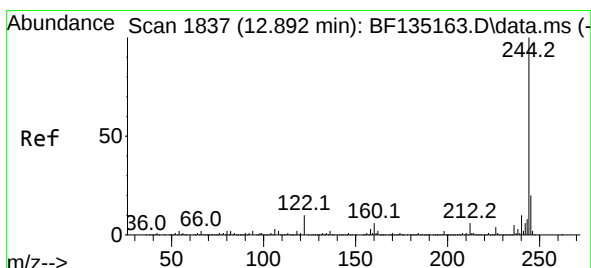
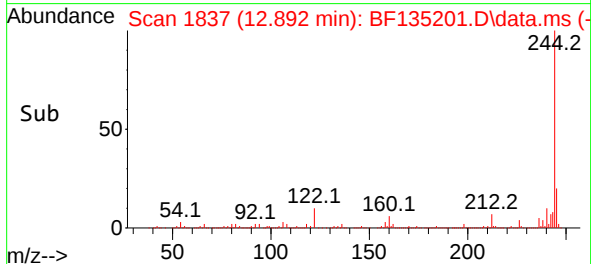
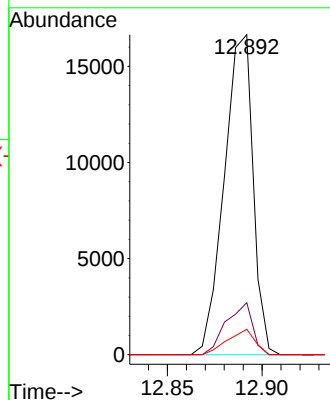
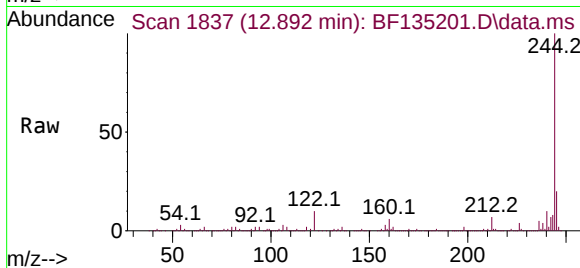
Tgt Ion:184 Resp: 17633

Ion Ratio Lower Upper

184 100

185 16.2 11.7 17.5

183 8.0 8.2 12.4#



#79

Terphenyl-d14

Concen: 66.316 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF135201.D

Acq: 13 Sep 2023 02:21

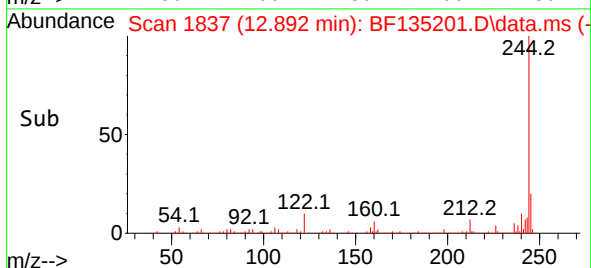
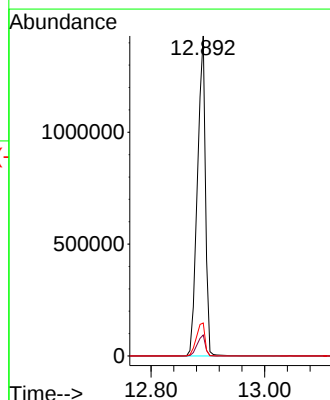
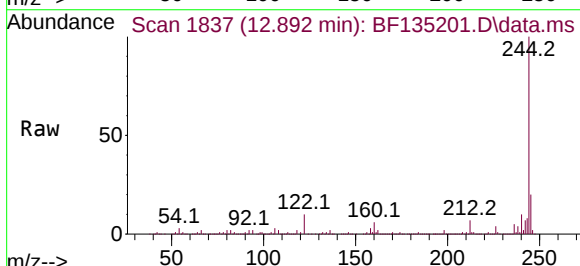
Tgt Ion:244 Resp: 1410854

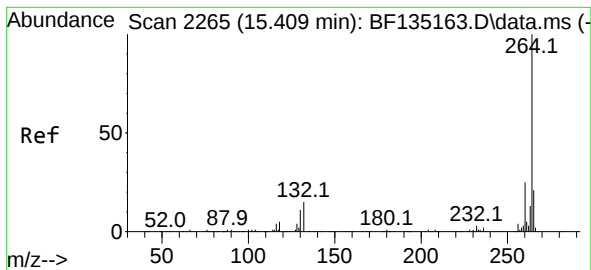
Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 10.3 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.403 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF135201.D

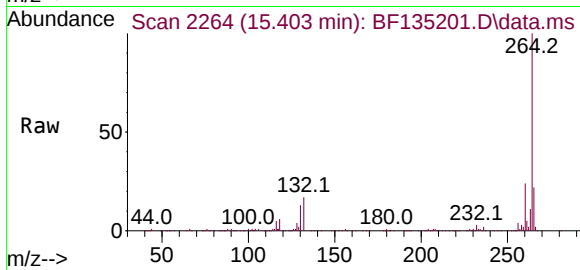
Acq: 13 Sep 2023 02:21

Instrument :

BNA_F

ClientSampleId :

PB155443BL



Tgt Ion:264 Resp: 312581

Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

265 21.5 17.0 25.4

