

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135172.D
 Acq On : 12 Sep 2023 09:56
 Operator : CG\JU
 Sample : PB155351TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155351TB

Quant Time: Sep 13 01:58:30 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)

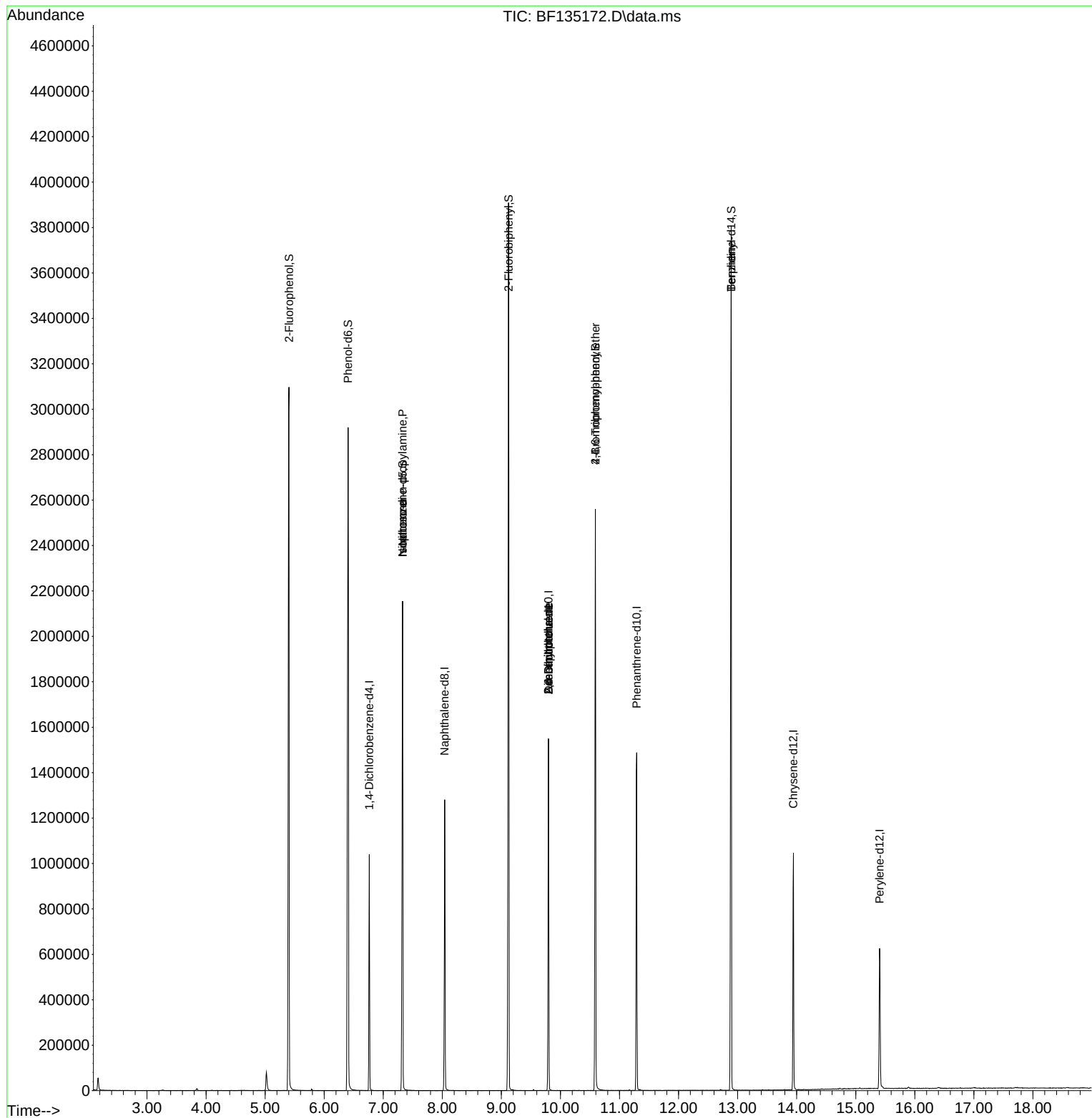
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	142875	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	554087	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	299740	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	571643	20.000	ng	0.00
76) Chrysene-d12	13.945	240	350466	20.000	ng	0.00
86) Perylene-d12	15.404	264	302050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	916021	104.277	ng	0.02
7) Phenol-d6	6.404	99	1170821	104.818	ng	0.00
23) Nitrobenzene-d5	7.328	82	725726	71.159	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	317302	106.524	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1326581	66.773	ng	0.00
79) Terphenyl-d14	12.892	244	1443315	63.841	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.328	70	98381	14.220	ng	# 77
25) Isophorone	7.328	82	723132	38.614	ng	# 65
50) Dimethylphthalate	9.798	163	58538	2.889	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	36669	8.260	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	36669	6.598	ng	# 19
67) 4-Bromophenyl-phenylether	10.592	248	19828	3.488	ng	# 1
77) Benzidine	12.892	184	17945	2.499	ng	# 92

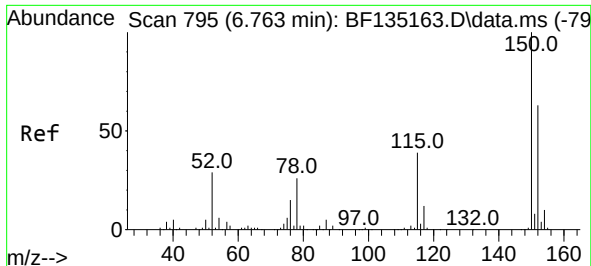
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

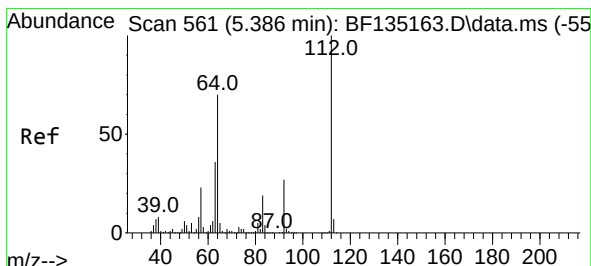
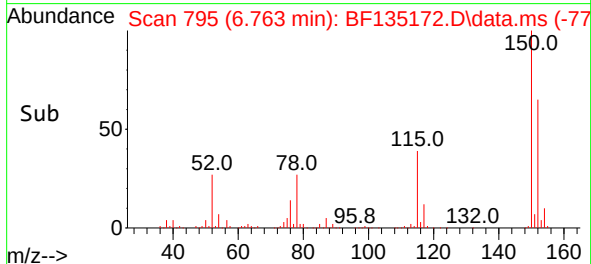
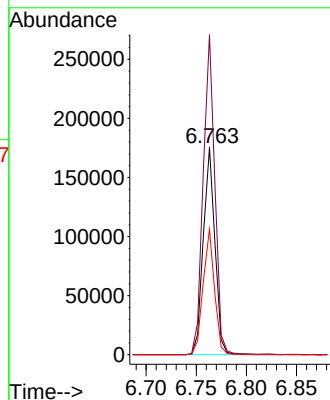
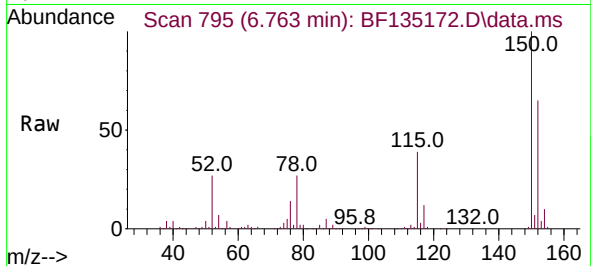




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

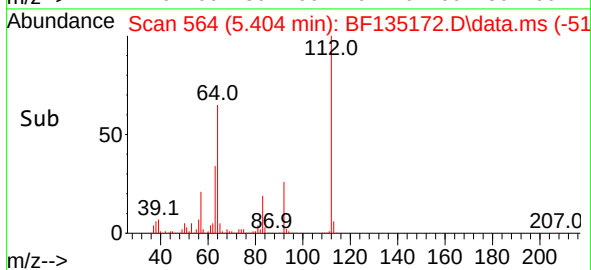
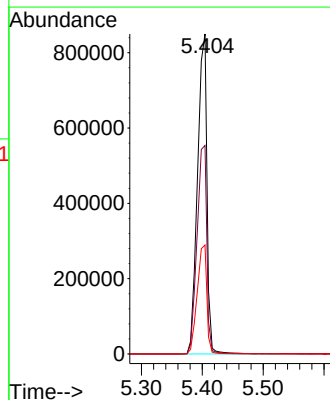
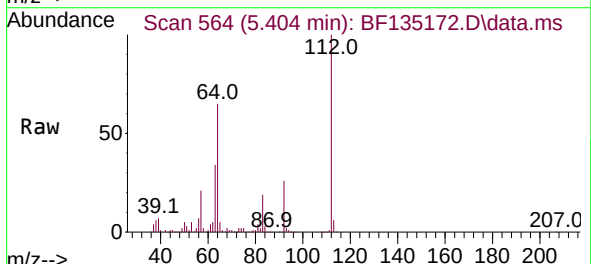
Instrument :
BNA_F
ClientSampleId :
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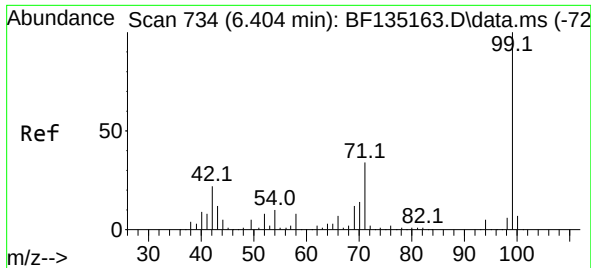
Tgt Ion:152 Resp: 142875
Ion Ratio Lower Upper
152 100
150 154.3 127.8 191.6
115 60.5 49.8 74.8



#5
2-Fluorophenol
Concen: 104.277 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

Tgt Ion:112 Resp: 916021
Ion Ratio Lower Upper
112 100
64 65.2 55.9 83.9
63 34.0 29.0 43.6

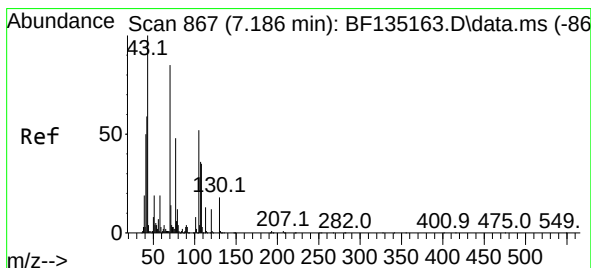
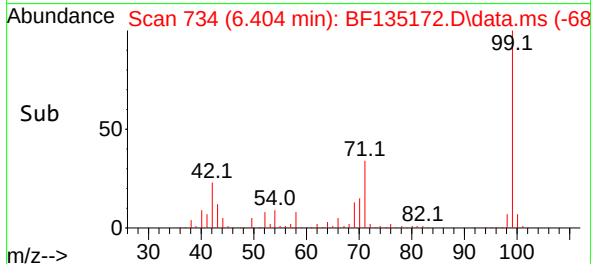
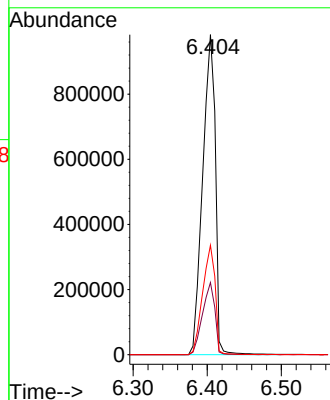
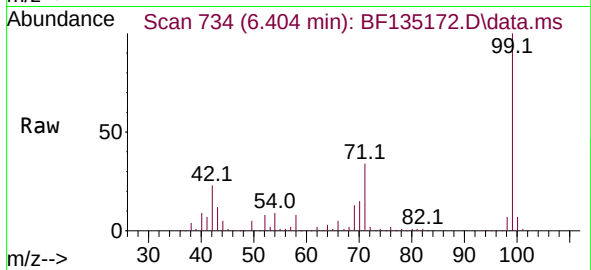




#7
Phenol-d6
Concen: 104.818 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

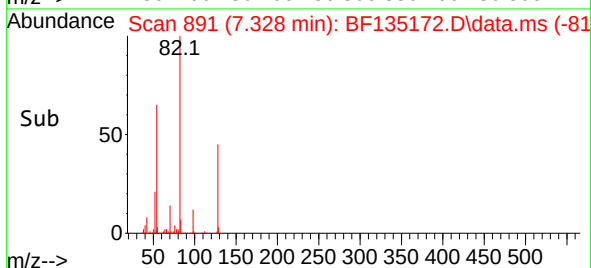
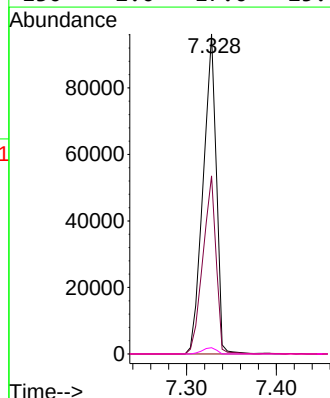
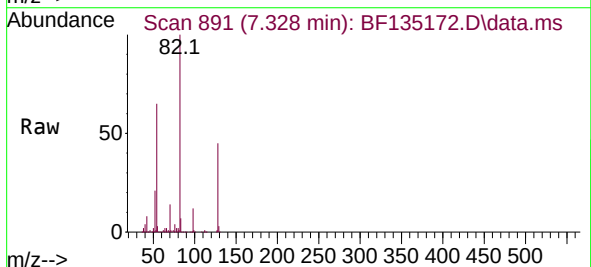
Instrument :
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ClientSampleId :
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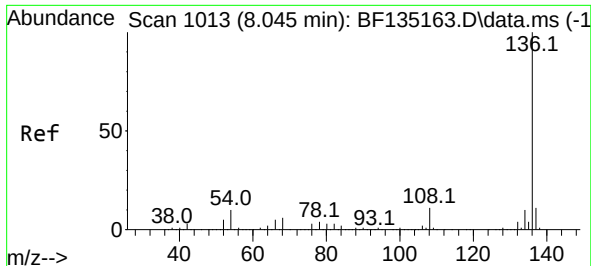
Tgt Ion: 99 Resp: 1170821
Ion Ratio Lower Upper
99 100
42 22.5 17.9 26.9
71 34.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.220 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

Tgt Ion: 70 Resp: 98381
Ion Ratio Lower Upper
70 100
42 55.6 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#

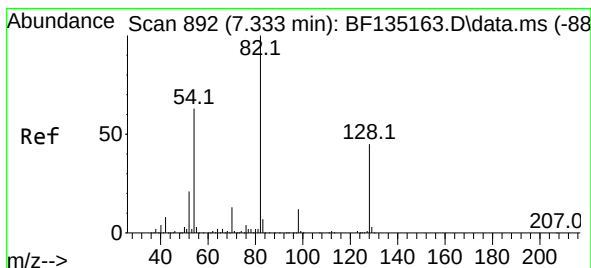
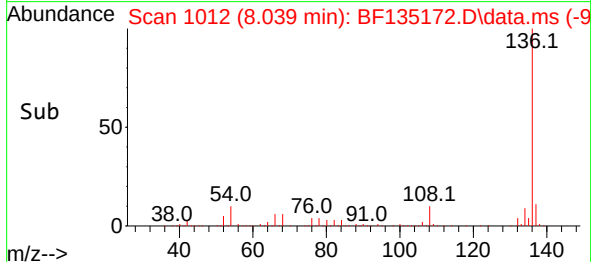
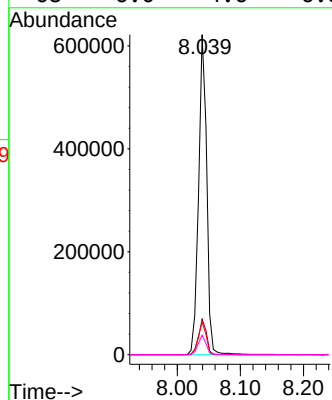
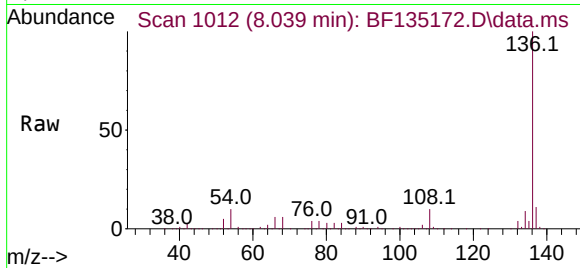




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

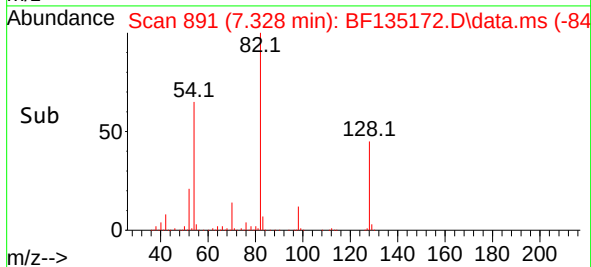
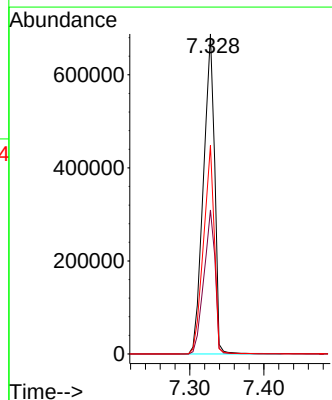
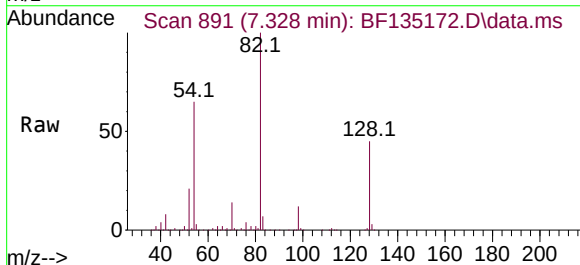
Instrument :
BNA_F
ClientSampleId :
PB155351TB

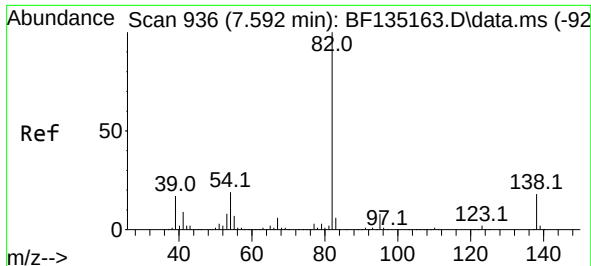
Tgt Ion:136	Resp: 554087
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 10.1	7.7 11.5
68 6.0	4.6 6.8



#23
Nitrobenzene-d5
Concen: 71.159 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

Tgt Ion: 82	Resp: 725726
Ion Ratio	Lower Upper
82 100	
128 45.0	35.8 53.6
54 65.2	50.6 76.0

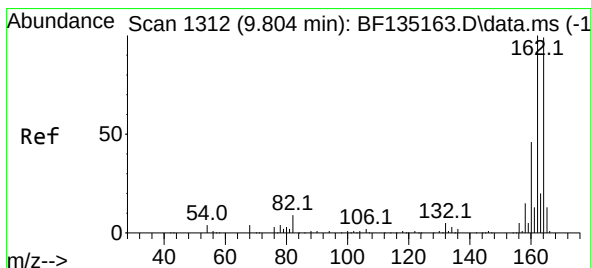
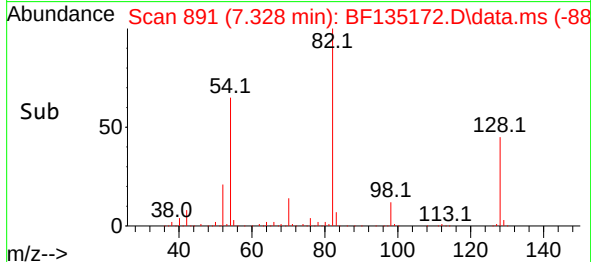
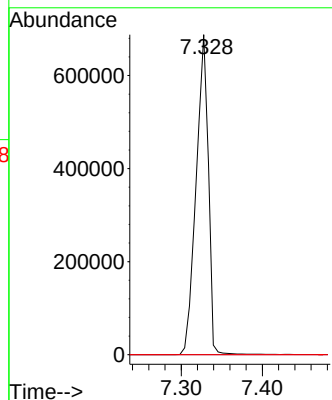
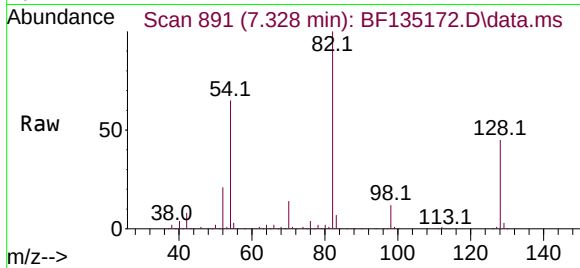




#25
Isophorone
Concen: 38.614 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.264 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

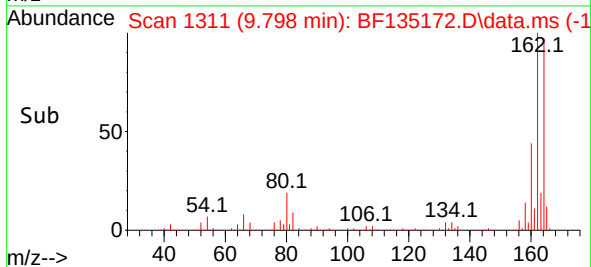
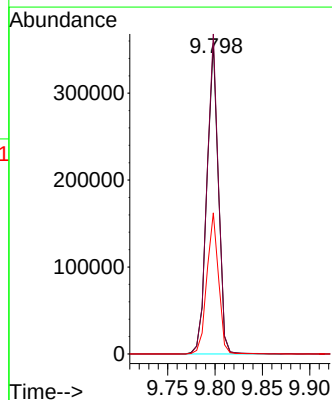
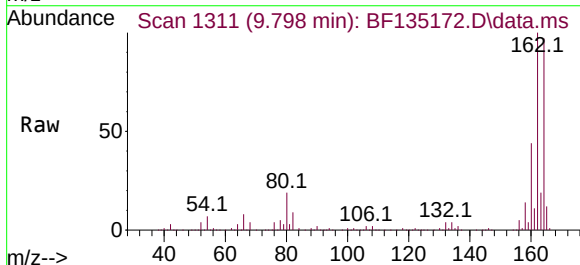
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ClientSampleId :
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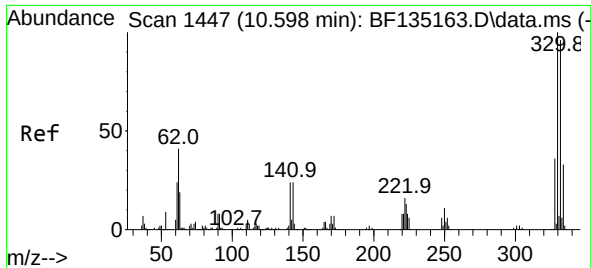
Tgt Ion: 82 Resp: 723132
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

Tgt Ion: 164 Resp: 299740
Ion Ratio Lower Upper
164 100
162 103.0 81.0 121.4
160 45.4 37.0 55.4

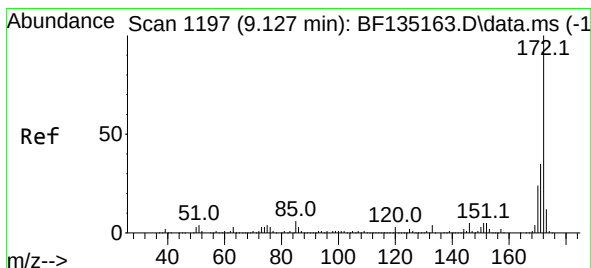
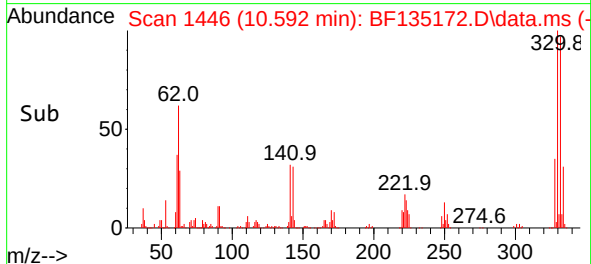
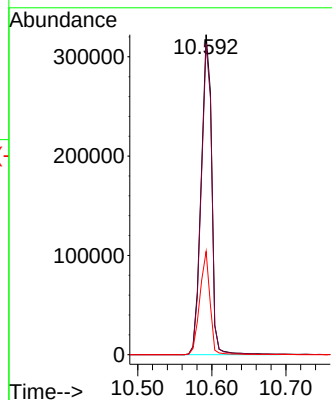
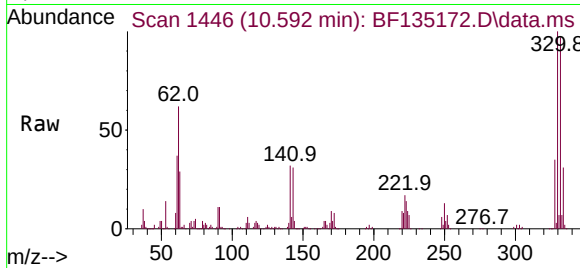




#42
2,4,6-Tribromophenol
Concen: 106.524 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

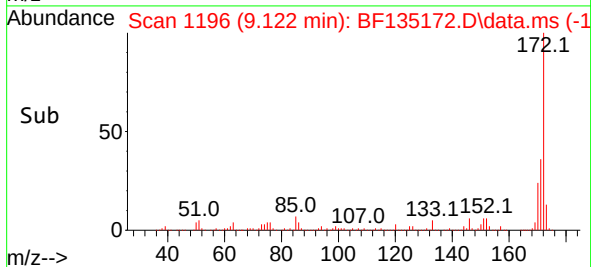
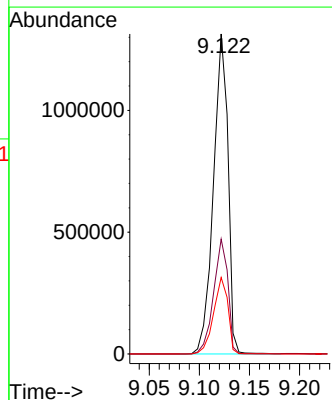
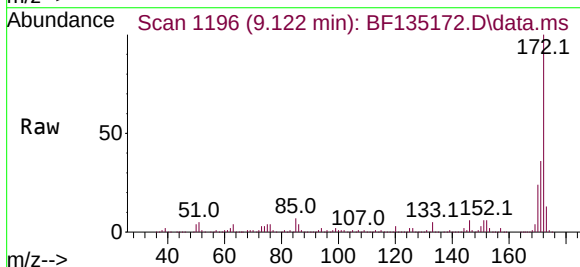
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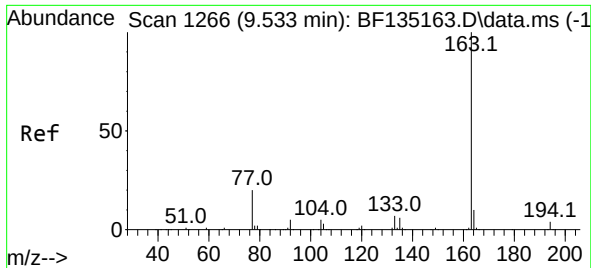
Tgt Ion: 330 Resp: 317302
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 31.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 66.773 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

Tgt Ion: 172 Resp: 1326581
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.9 19.0 28.4

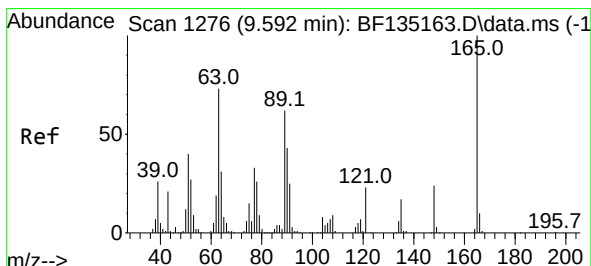
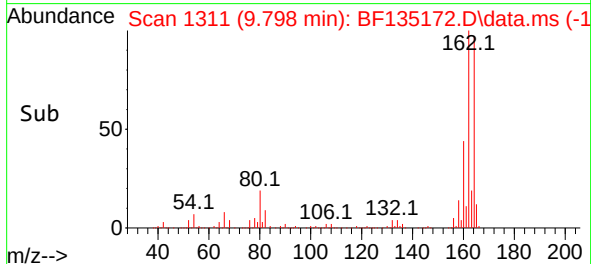
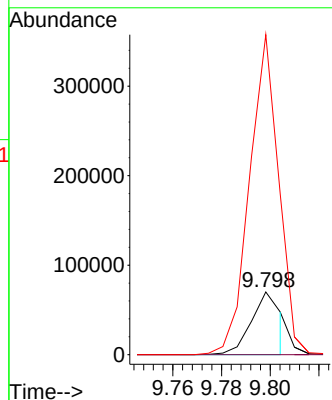
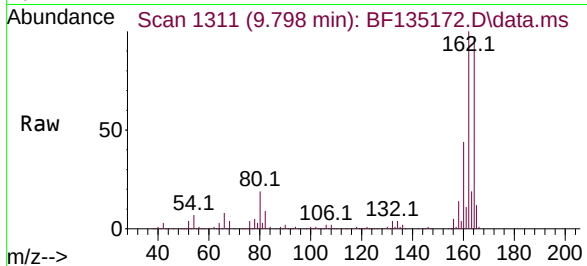




#50
Dimethylphthalate
Concen: 2.889 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

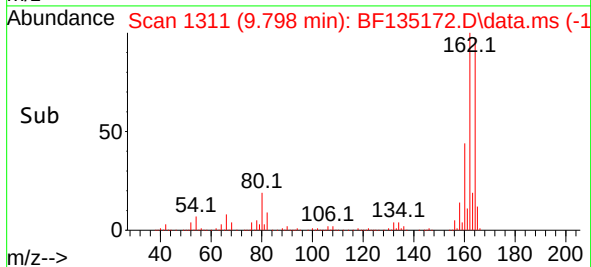
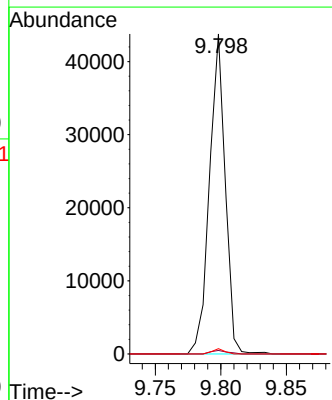
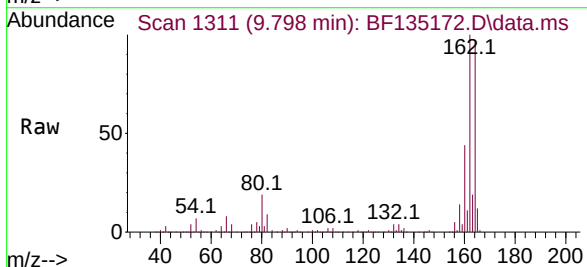
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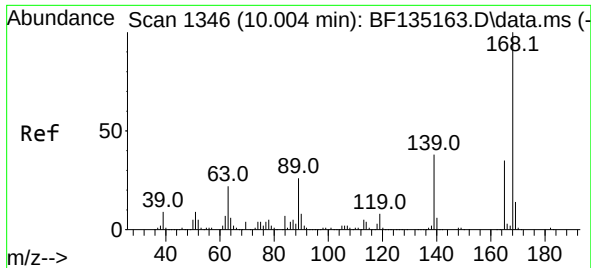
Tgt Ion:163 Resp: 58538
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 509.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.260 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

Tgt Ion:165 Resp: 36669
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 1.6 49.8 74.8#

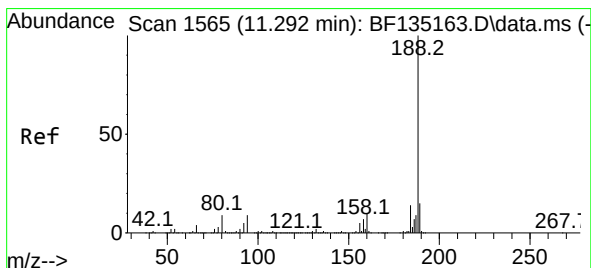
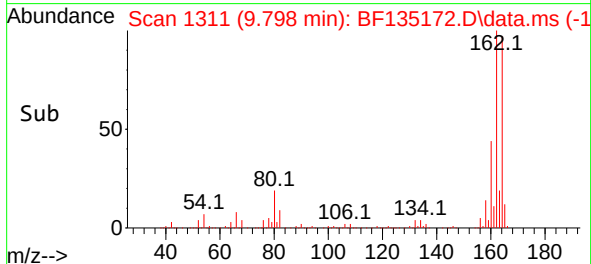
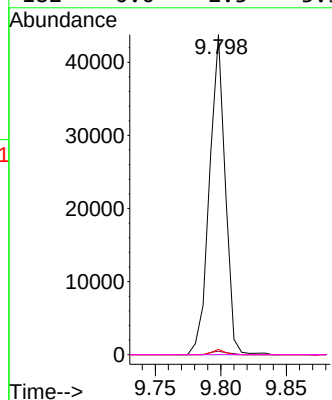
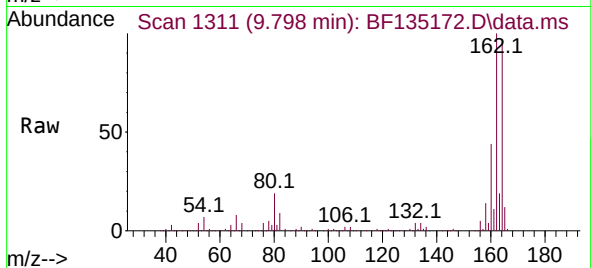




#57
2,4-Dinitrotoluene
Concen: 6.598 ng
RT: 9.798 min Scan# 1346
Delta R.T. -0.206 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

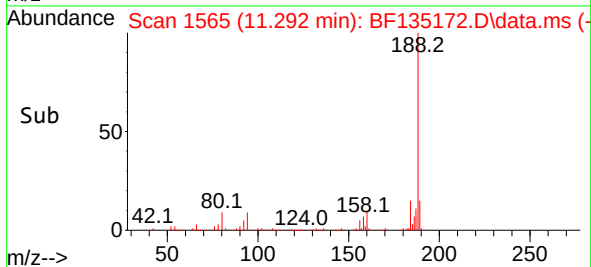
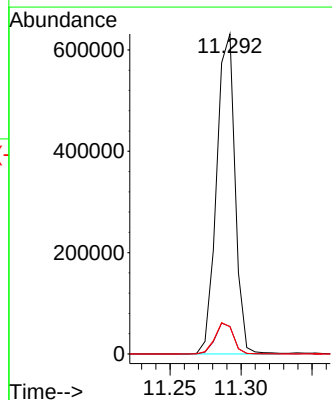
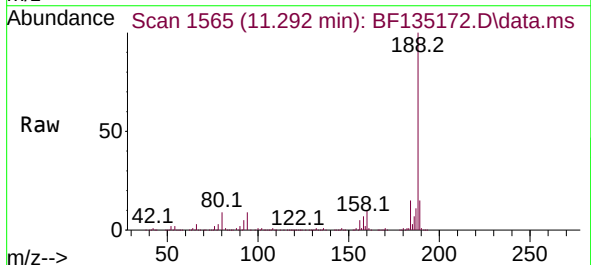
Instrument :
BNA_F
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PB155351TB

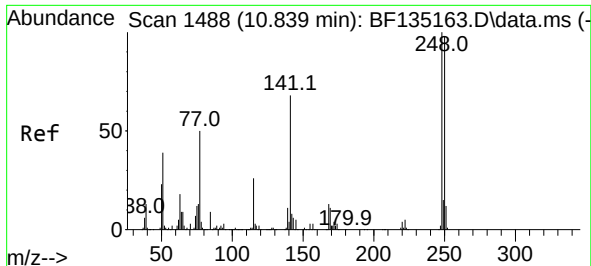
Tgt Ion:165 Resp: 36669
Ion Ratio Lower Upper
165 100
63 1.1 50.1 75.1#
89 1.6 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

Tgt Ion:188 Resp: 571643
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 8.5 7.5 11.3

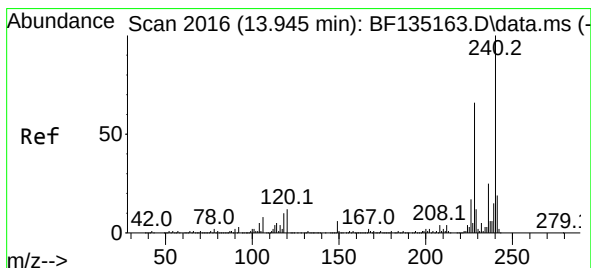
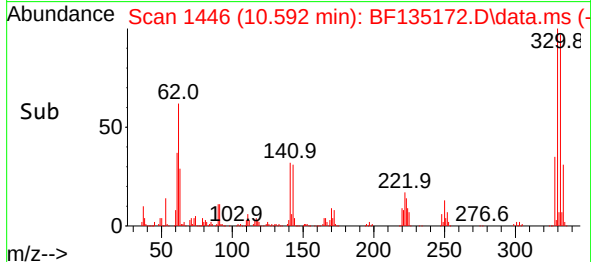
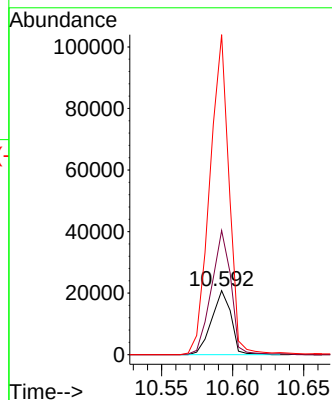
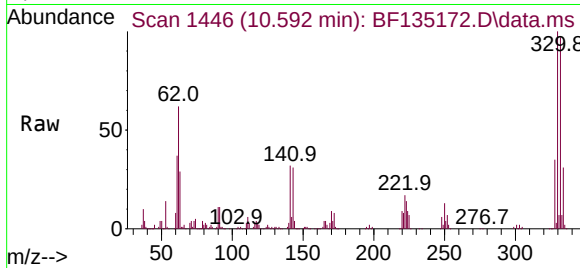




#67
4-Bromophenyl-phenylether
Concen: 3.488 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

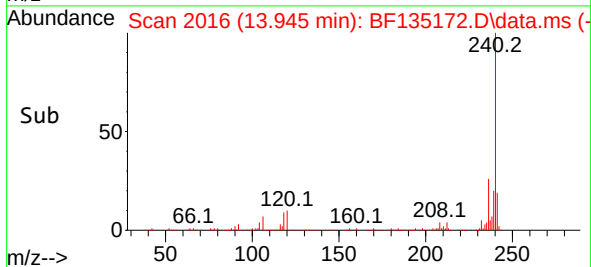
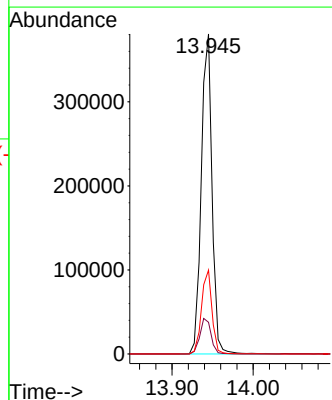
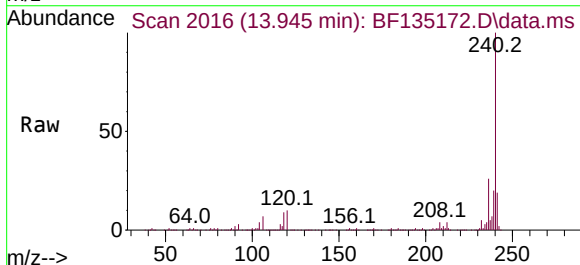
Instrument :
BNA_F
ClientSampleId :
PB155351TB

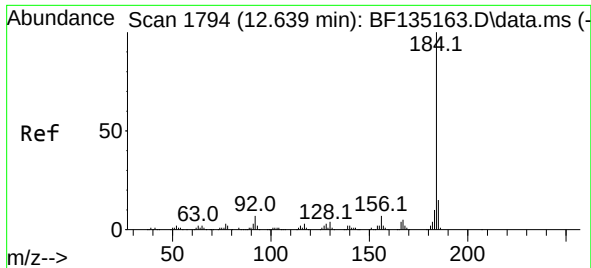
Tgt Ion:248 Resp: 19828
Ion Ratio Lower Upper
248 100
250 193.9 78.6 117.8#
141 499.5 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

Tgt Ion:240 Resp: 350466
Ion Ratio Lower Upper
240 100
120 9.9 9.4 14.2
236 26.2 19.8 29.8

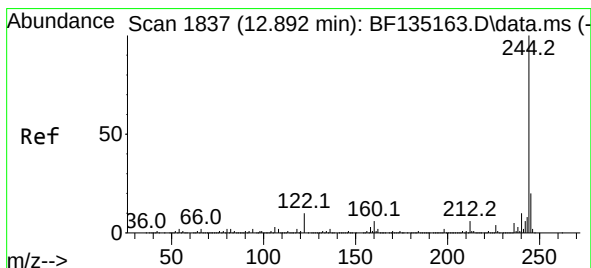
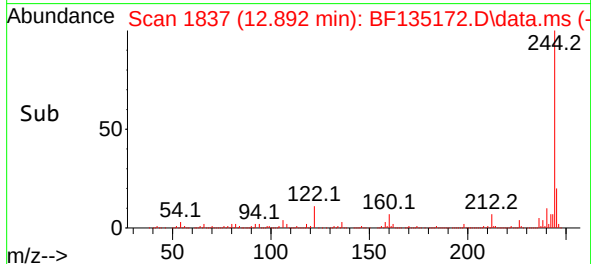
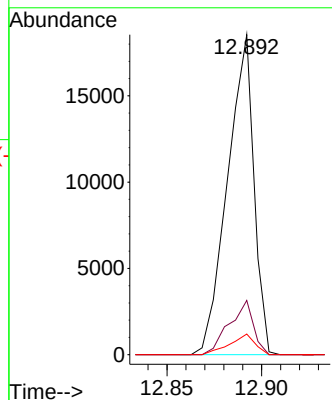
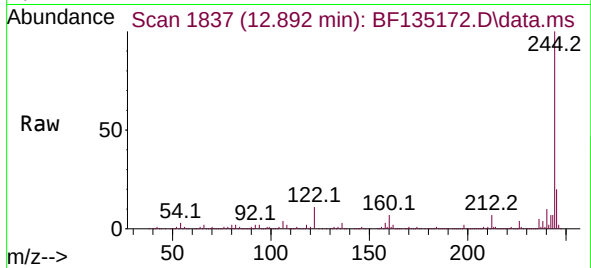




#77
Benzidine
Concen: 2.499 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

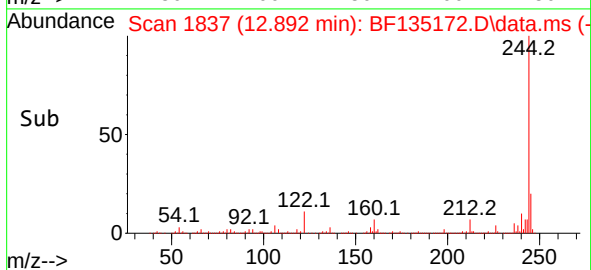
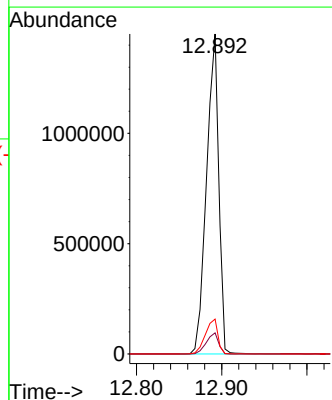
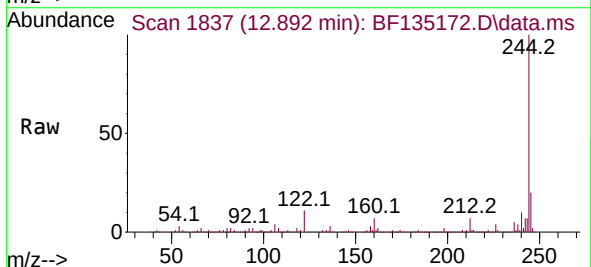
Instrument :
BNA_F
ClientSampleId :
PB155351TB

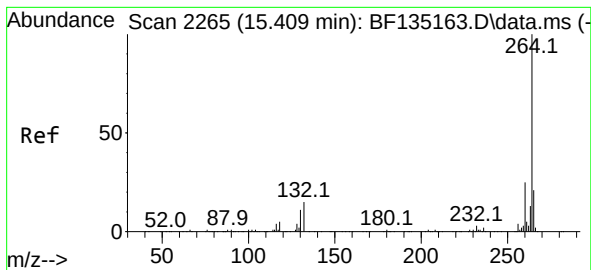
Tgt Ion:184 Resp: 17945
Ion Ratio Lower Upper
184 100
185 17.0 11.7 17.5
183 6.4 8.2 12.4#



#79
Terphenyl-d14
Concen: 63.841 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF135172.D
Acq: 12 Sep 2023 09:56

Tgt Ion:244 Resp: 1443315
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 10.9 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: BF135172.D

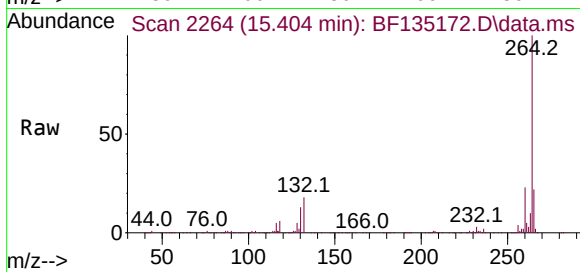
Acq: 12 Sep 2023 09:56

Instrument :

BNA_F

ClientSampleId :

PB155351TB



Tgt Ion:264 Resp: 302050

Ion Ratio Lower Upper

264 100

260 23.4 19.8 29.6

265 21.7 17.0 25.4

