

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135255.D
 Acq On : 14 Sep 2023 15:40
 Operator : CG\JU
 Sample : PB154922BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 15 01:22:46 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)

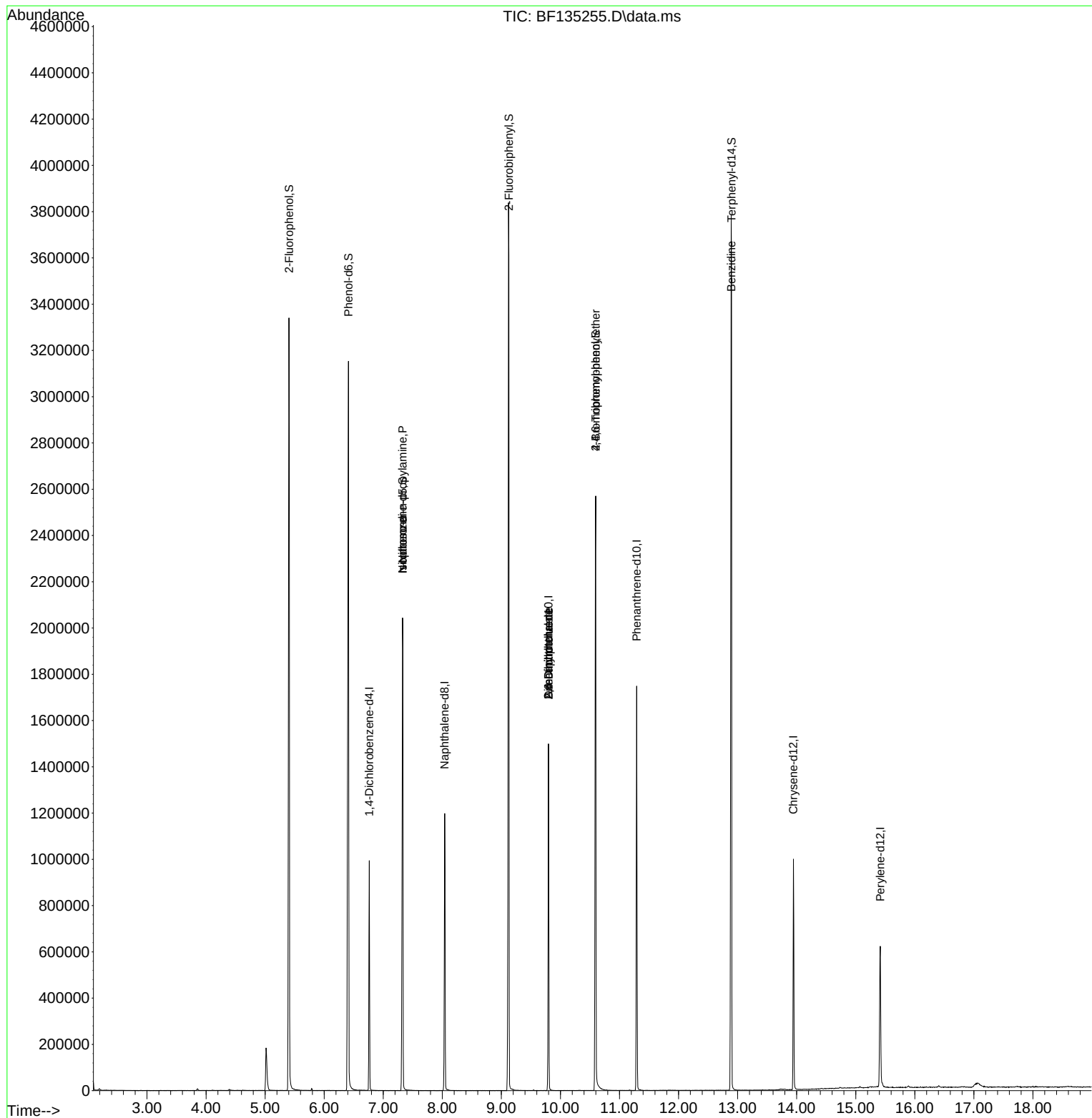
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	134338	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	524523	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	281516	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	602925	20.000	ng	0.00
76) Chrysene-d12	13.945	240	325997	20.000	ng	0.00
86) Perylene-d12	15.415	264	313535	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1012563	122.592	ng	0.02
7) Phenol-d6	6.410	99	1213399	115.534	ng	0.00
23) Nitrobenzene-d5	7.328	82	753751	78.073	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	354046	126.554	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1359679	72.869	ng	0.00
79) Terphenyl-d14	12.898	244	1613680	76.734	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	101390	15.586	ng	# 76
25) Isophorone	7.328	82	751227	42.375	ng	# 65
50) Dimethylphthalate	9.798	163	55259	2.903	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	36166	8.674	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	36166	6.928	ng	# 19
67) 4-Bromophenyl-phenylether	10.598	248	21575	3.598	ng	# 1
77) Benzidine	12.892	184	20742	3.106	ng	# 92

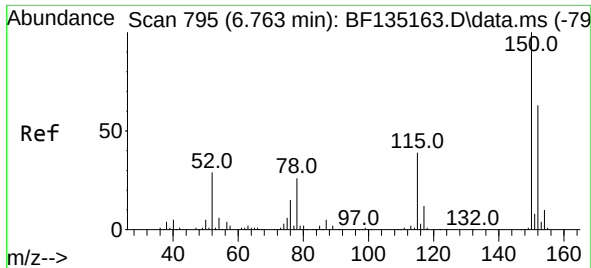
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
Data File : BF135255.D
Acq On : 14 Sep 2023 15:40
Operator : CG\JU
Sample : PB154922BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

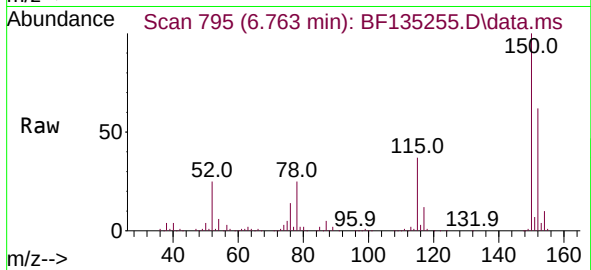
Quant Time: Sep 15 01:22:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration



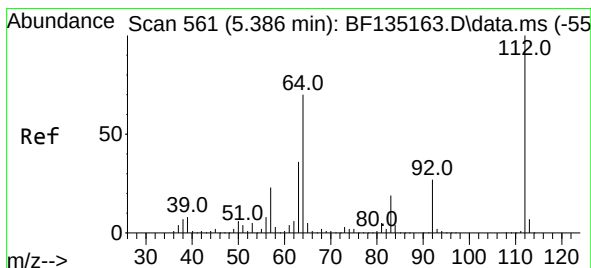
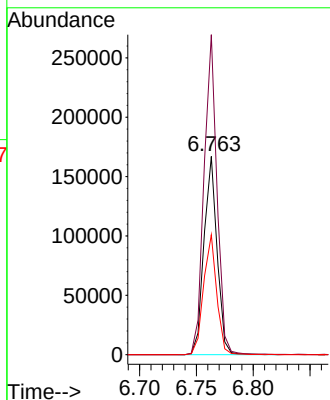
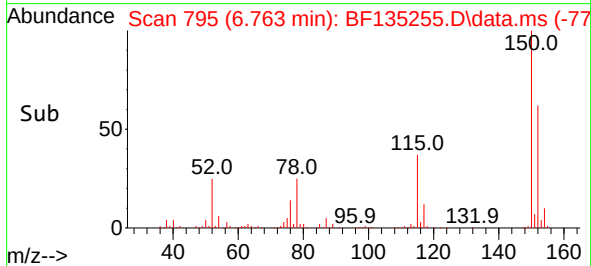


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135255.D
 Acq: 14 Sep 2023 15:40

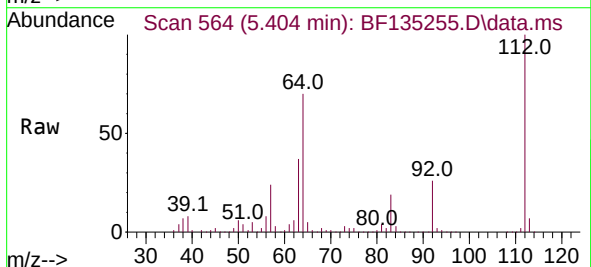
Instrument :
 BNA_F
 ClientSampleId :



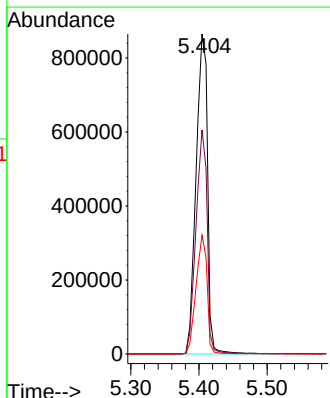
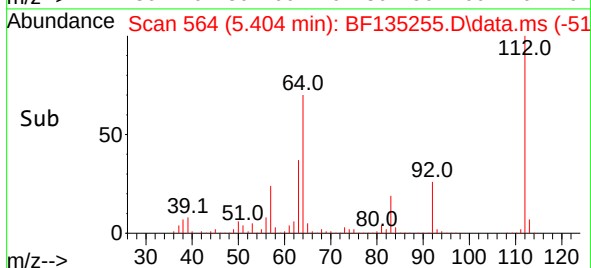
Tgt Ion:152 Resp: 134338
 Ion Ratio Lower Upper
 152 100
 150 161.4 127.8 191.6
 115 60.4 49.8 74.8

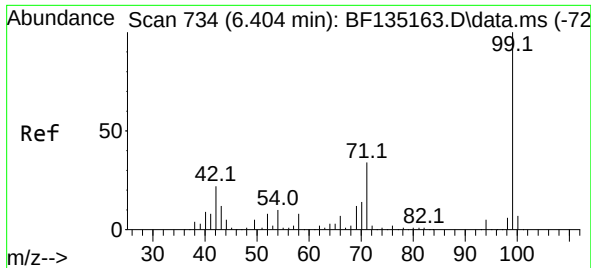


#5
 2-Fluorophenol
 Concen: 122.592 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.018 min
 Lab File: BF135255.D
 Acq: 14 Sep 2023 15:40



Tgt Ion:112 Resp: 1012563
 Ion Ratio Lower Upper
 112 100
 64 70.0 55.9 83.9
 63 37.1 29.0 43.6

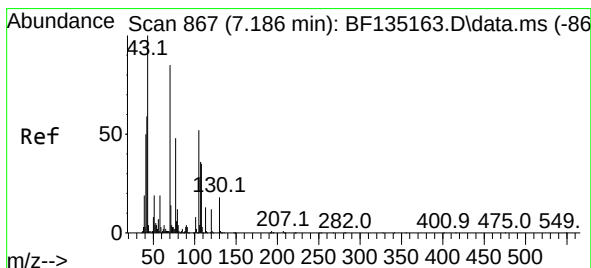
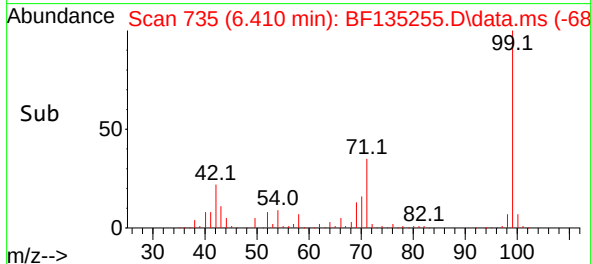
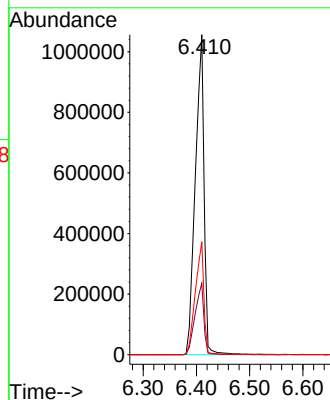
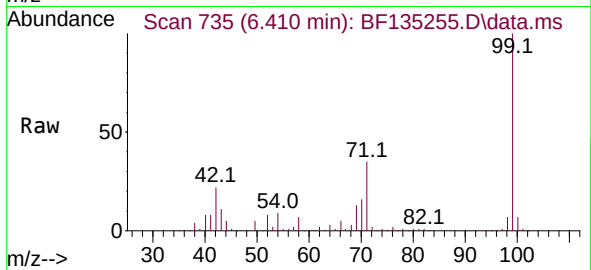




#7
Phenol-d6
Concen: 115.534 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135255.D
Acq: 14 Sep 2023 15:40

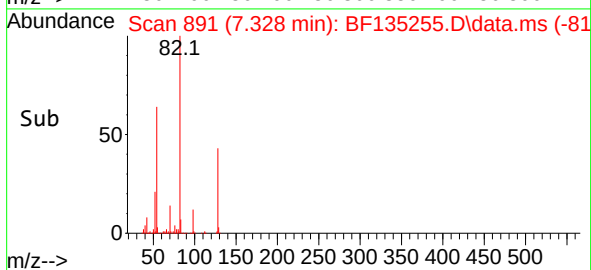
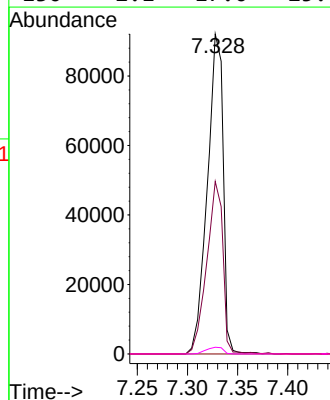
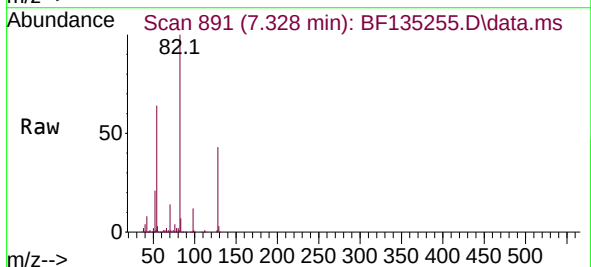
Instrument :
BNA_F
ClientSampleId :

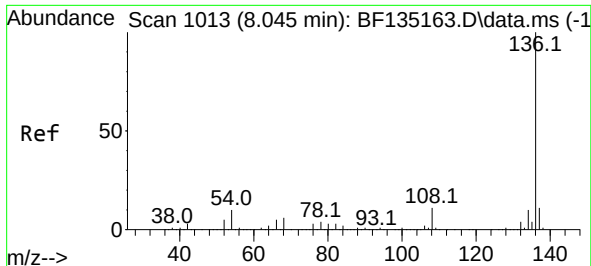
Tgt Ion: 99 Resp: 1213399
Ion Ratio Lower Upper
99 100
42 22.3 17.9 26.9
71 35.3 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.586 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135255.D
Acq: 14 Sep 2023 15:40

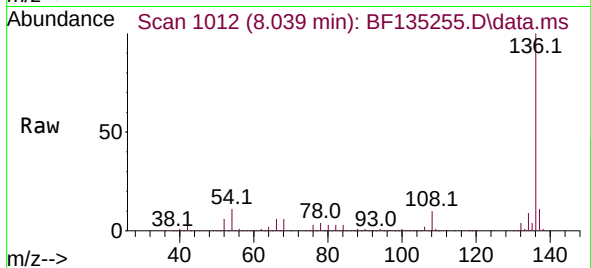
Tgt Ion: 70 Resp: 101390
Ion Ratio Lower Upper
70 100
42 53.9 55.4 83.0#
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#



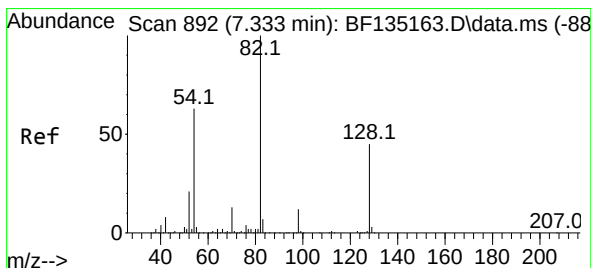
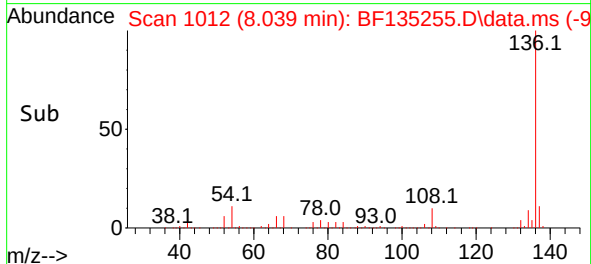
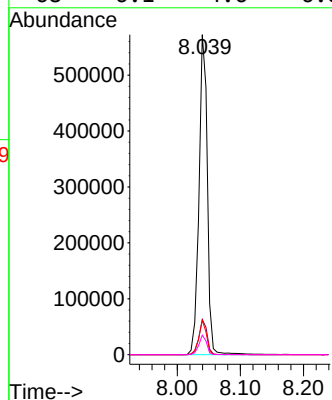


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135255.D
Acq: 14 Sep 2023 15:40

Instrument :
BNA_F
ClientSampleId :

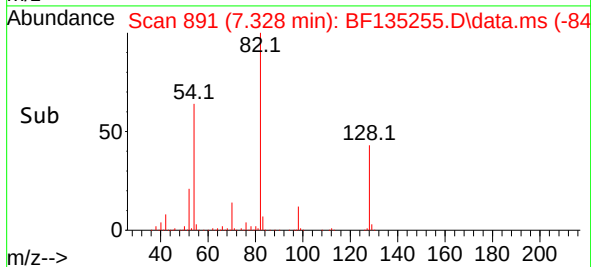
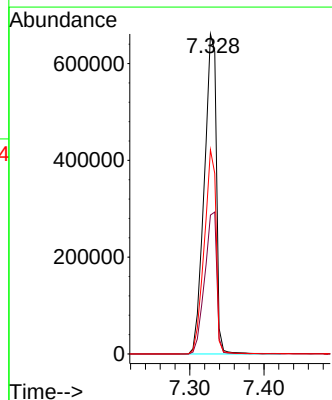
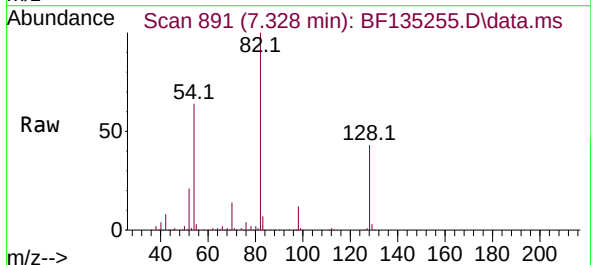


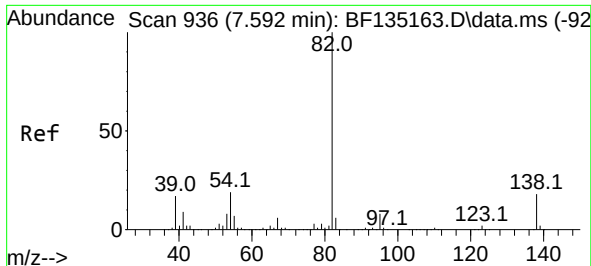
Tgt Ion:136 Resp: 524523
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.8 7.7 11.5
68 6.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 78.073 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135255.D
Acq: 14 Sep 2023 15:40

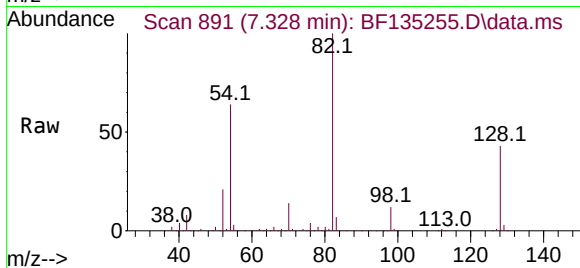
Tgt Ion: 82 Resp: 753751
Ion Ratio Lower Upper
82 100
128 43.4 35.8 53.6
54 63.8 50.6 76.0



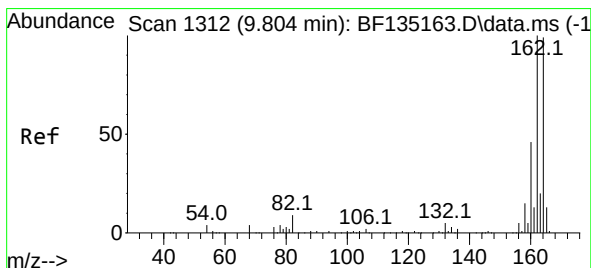
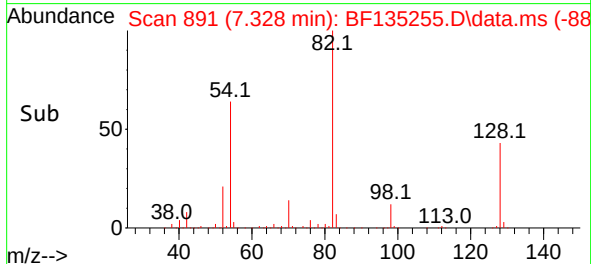
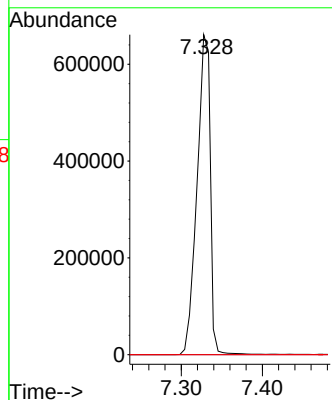


#25
Isophorone
Concen: 42.375 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.264 min
Lab File: BF135255.D
Acq: 14 Sep 2023 15:40

Instrument :
BNA_F
ClientSampleId :

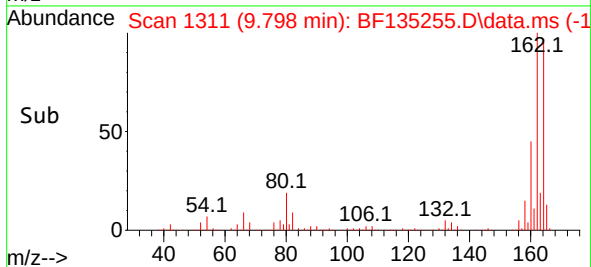
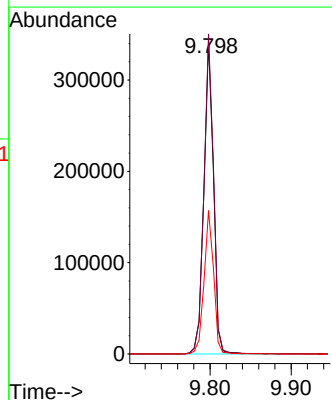
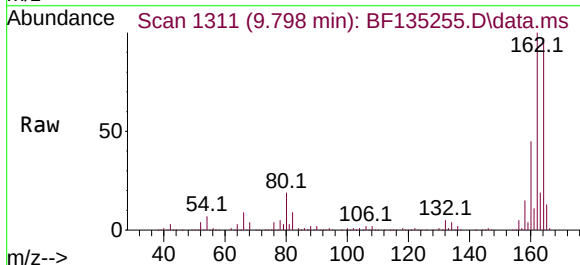


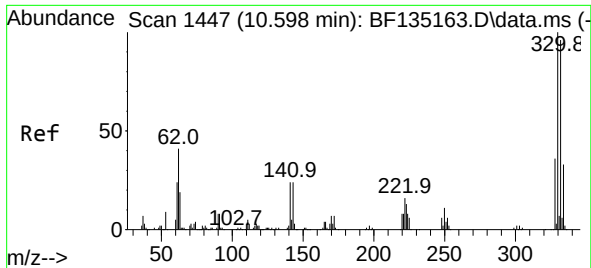
Tgt Ion: 82 Resp: 751227
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135255.D
Acq: 14 Sep 2023 15:40

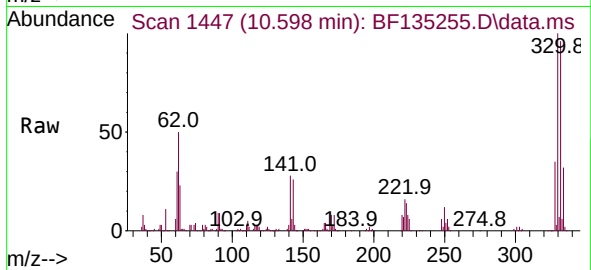
Tgt Ion: 164 Resp: 281516
Ion Ratio Lower Upper
164 100
162 102.7 81.0 121.4
160 46.0 37.0 55.4



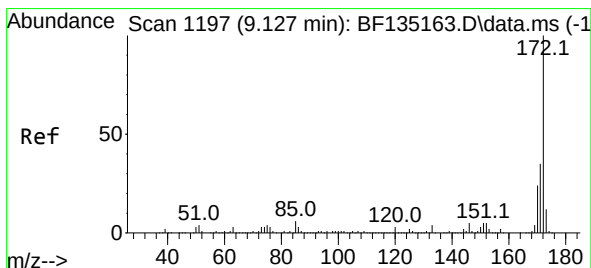
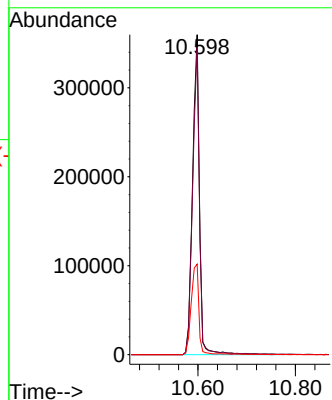
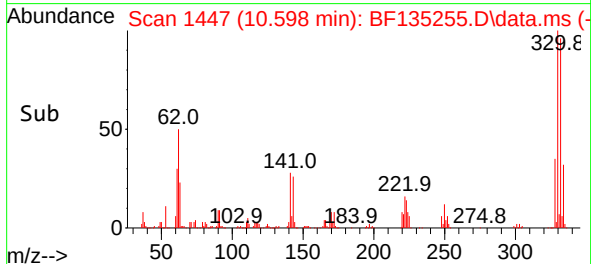


#42
 2,4,6-Tribromophenol
 Concen: 126.554 ng
 RT: 10.598 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: BF135255.D
 Acq: 14 Sep 2023 15:40

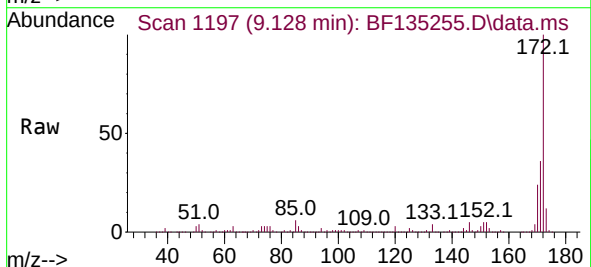
Instrument :
 BNA_F
 ClientSampleId :



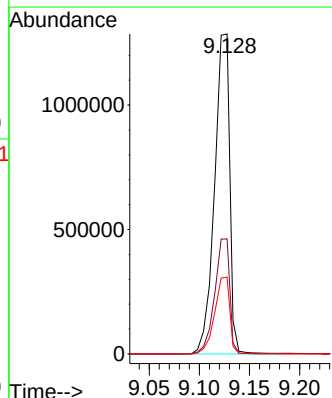
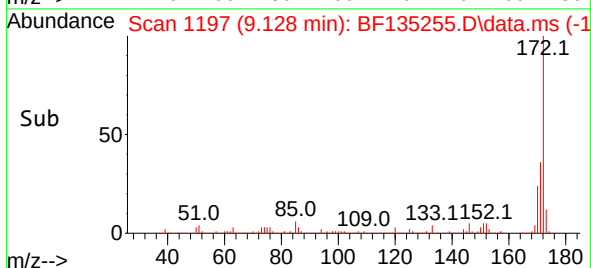
Tgt Ion:330 Resp: 354046
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.3 115.9
 141 31.4 25.8 38.8

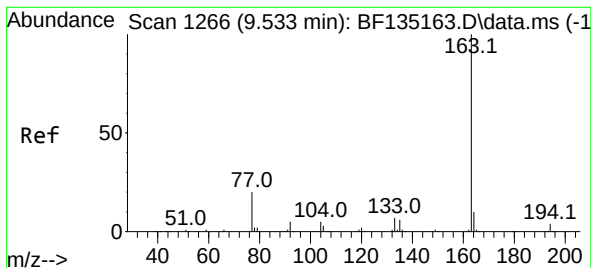


#45
 2-Fluorobiphenyl
 Concen: 72.869 ng
 RT: 9.128 min Scan# 1197
 Delta R.T. 0.000 min
 Lab File: BF135255.D
 Acq: 14 Sep 2023 15:40



Tgt Ion:172 Resp: 1359679
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.4 42.6
 170 24.1 19.0 28.4





#50

Dimethylphthalate

Concen: 2.903 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.265 min

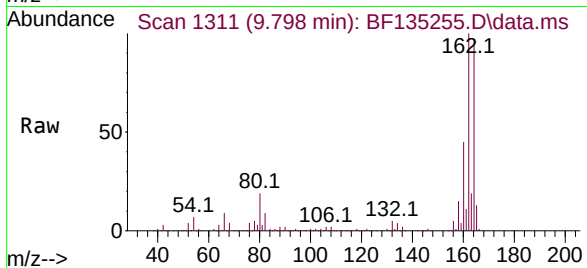
Lab File: BF135255.D

Acq: 14 Sep 2023 15:40

Instrument :

BNA_F

ClientSampleId :



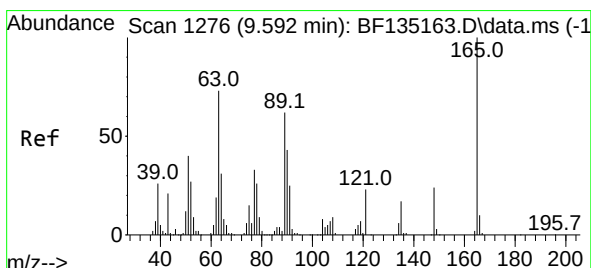
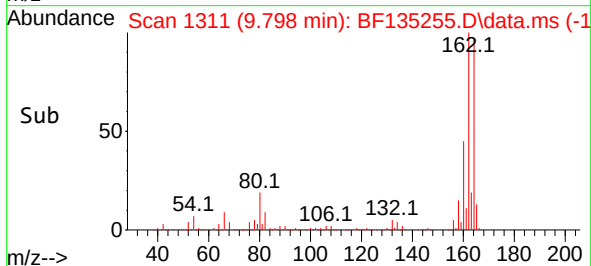
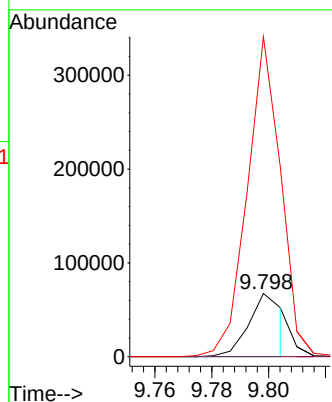
Tgt Ion:163 Resp: 55259

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 505.8 8.1 12.1#



#51

2,6-Dinitrotoluene

Concen: 8.674 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.206 min

Lab File: BF135255.D

Acq: 14 Sep 2023 15:40

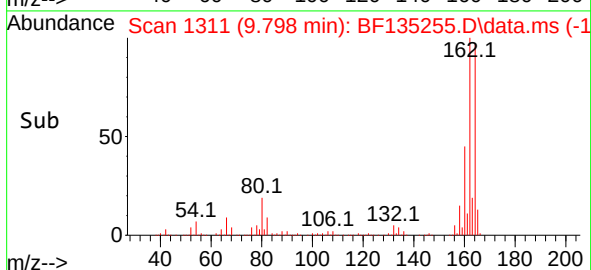
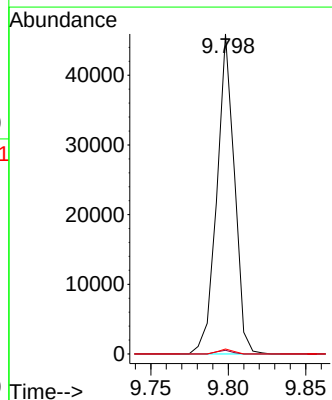
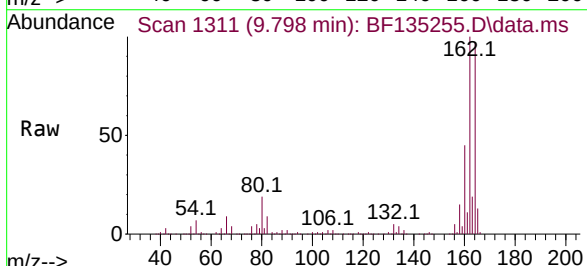
Tgt Ion:165 Resp: 36166

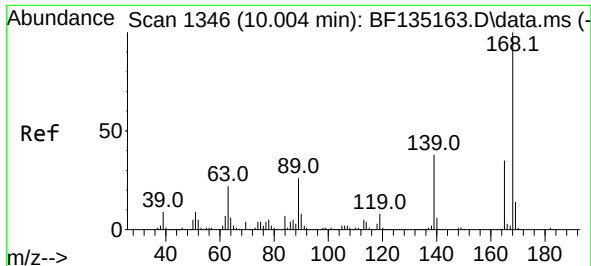
Ion Ratio Lower Upper

165 100

63 1.1 59.4 89.2#

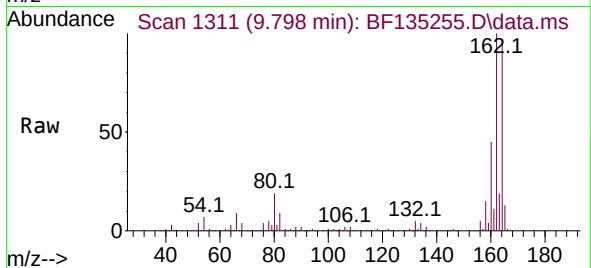
89 1.6 49.8 74.8#



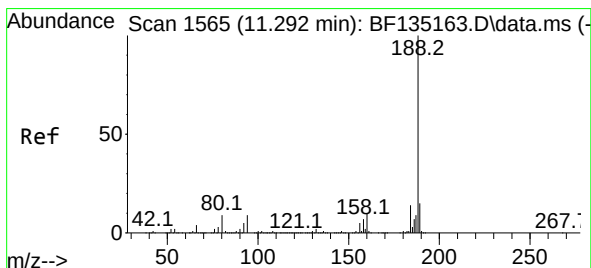
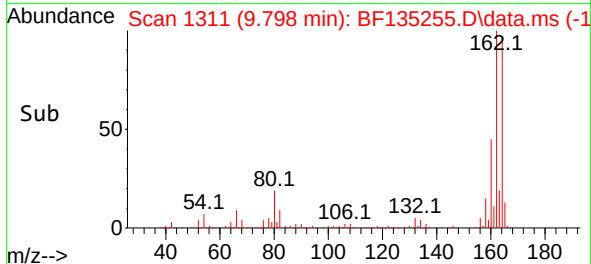
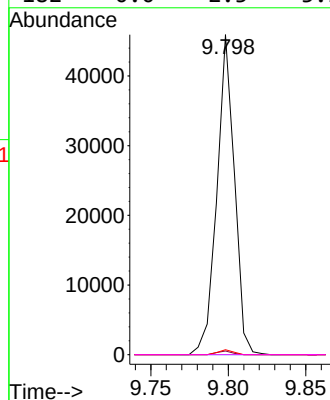


#57
2,4-Dinitrotoluene
Concen: 6.928 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135255.D
Acq: 14 Sep 2023 15:40

Instrument :
BNA_F
ClientSampleId :

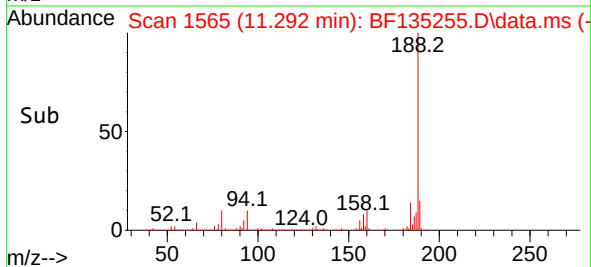
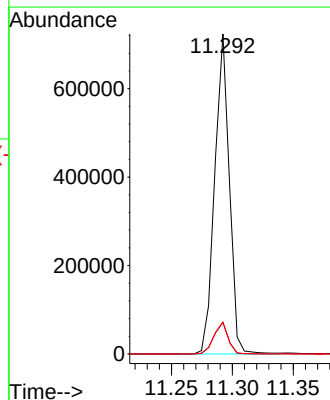
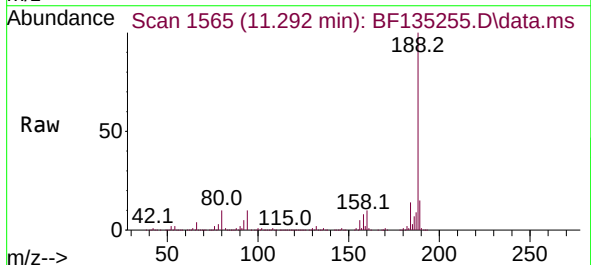


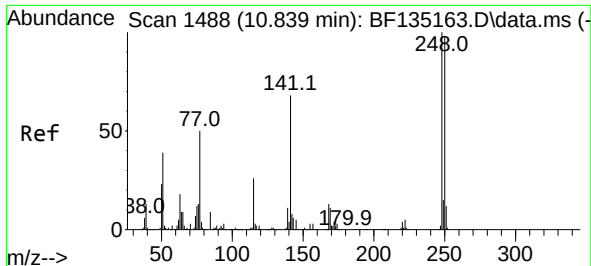
Tgt Ion:165 Resp: 36166
Ion Ratio Lower Upper
165 100
63 1.1 50.1 75.1#
89 1.6 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135255.D
Acq: 14 Sep 2023 15:40

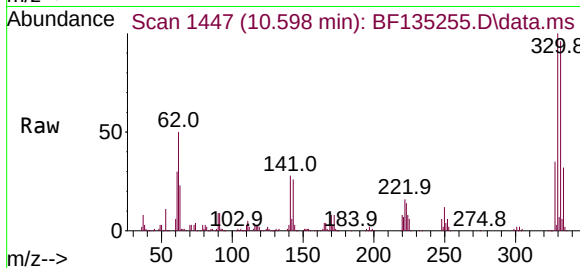
Tgt Ion:188 Resp: 602925
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.0 7.5 11.3



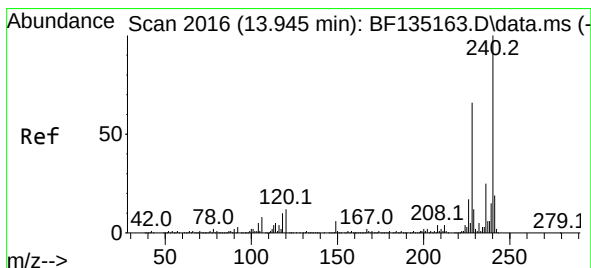
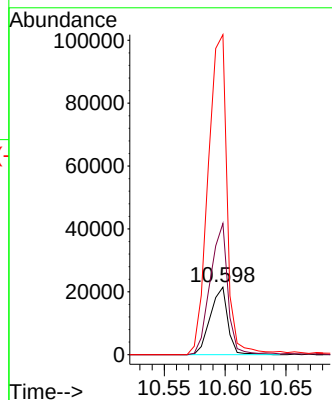
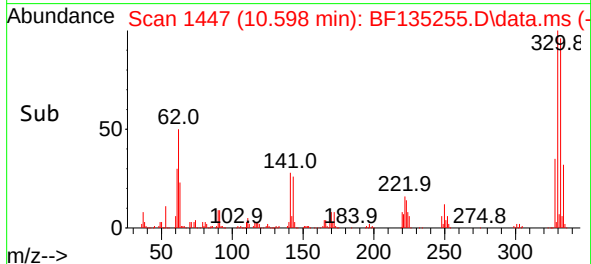


#67
4-Bromophenyl-phenylether
Concen: 3.598 ng
RT: 10.598 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135255.D
Acq: 14 Sep 2023 15:40

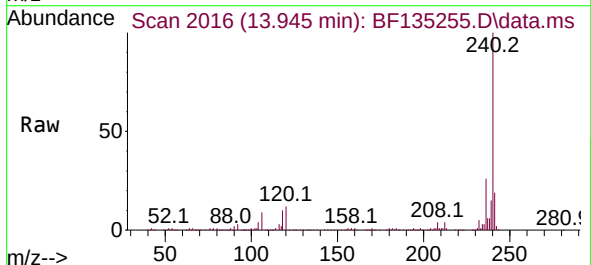
Instrument :
BNA_F
ClientSampleId :



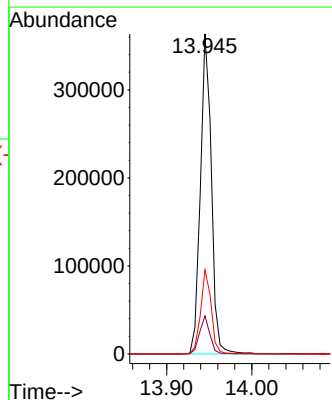
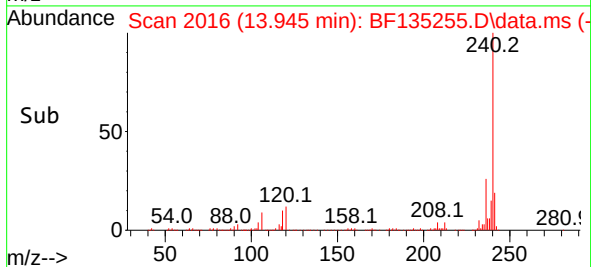
Tgt Ion:248 Resp: 21575
Ion Ratio Lower Upper
248 100
250 194.0 78.6 117.8#
141 473.4 54.2 81.2#

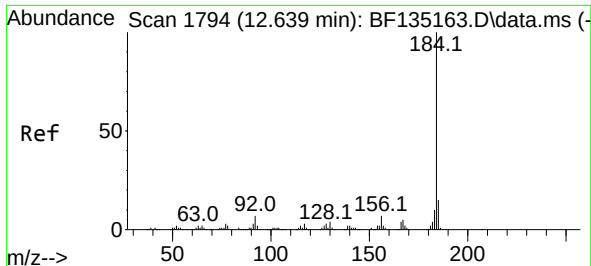


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135255.D
Acq: 14 Sep 2023 15:40



Tgt Ion:240 Resp: 325997
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 26.2 19.8 29.8

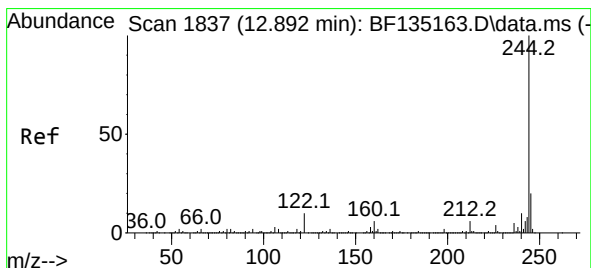
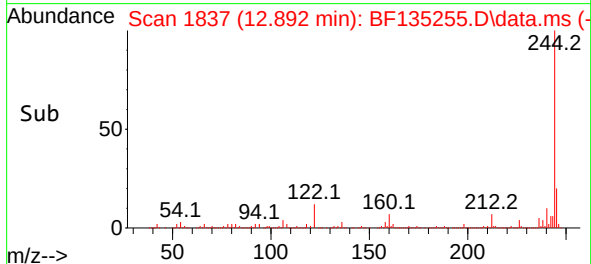
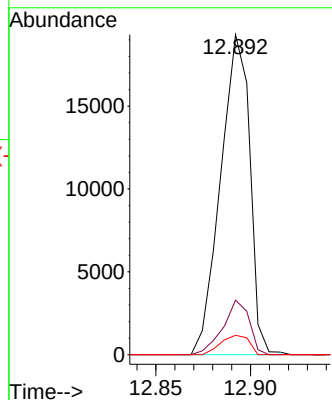
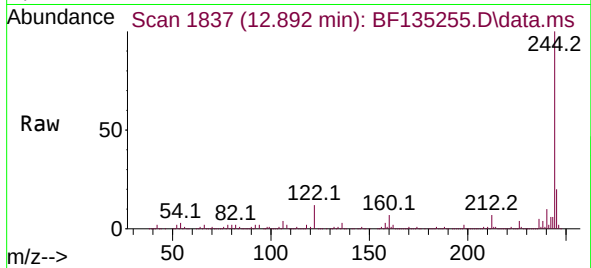




#77
Benzidine
Concen: 3.106 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF135255.D
Acq: 14 Sep 2023 15:40

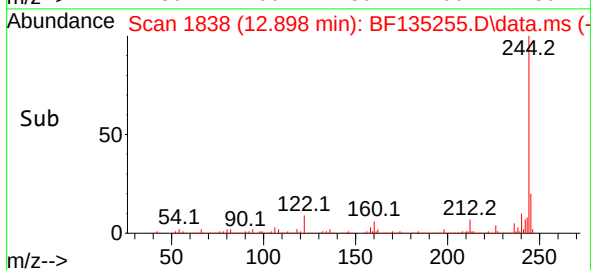
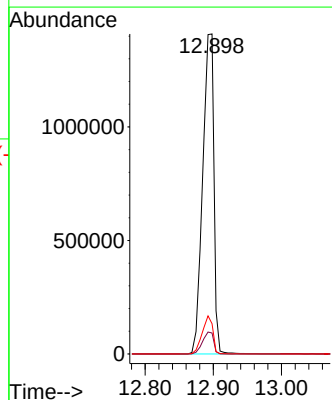
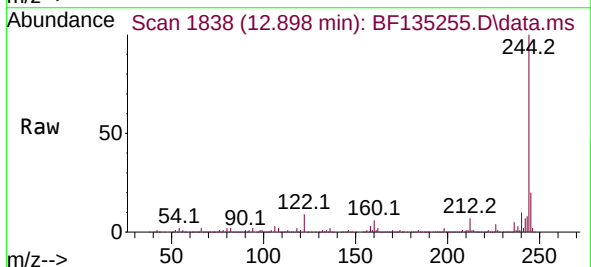
Instrument :
BNA_F
ClientSampleId :

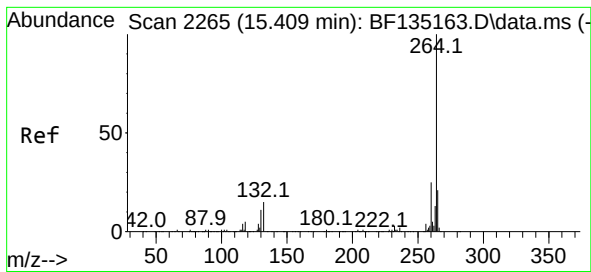
Tgt Ion:184 Resp: 20742
Ion Ratio Lower Upper
184 100
185 17.1 11.7 17.5
183 6.0 8.2 12.4#



#79
Terphenyl-d14
Concen: 76.734 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.006 min
Lab File: BF135255.D
Acq: 14 Sep 2023 15:40

Tgt Ion:244 Resp: 1613680
Ion Ratio Lower Upper
244 100
212 6.5 5.1 7.7
122 9.5 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 21

Delta R.T. 0.006 min

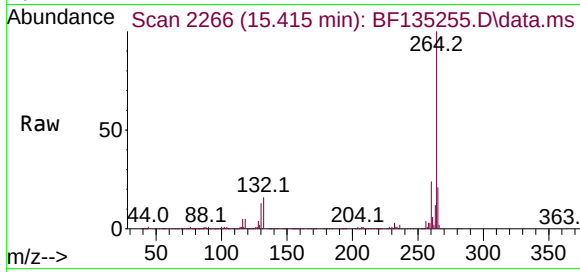
Lab File: BF135255.D

Acq: 14 Sep 2023 15:40

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 313535

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.6

265 21.3 17.0 25.4

