

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135171.D
 Acq On : 12 Sep 2023 09:24
 Operator : CG\JU
 Sample : PB155443BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 01:58:12 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)

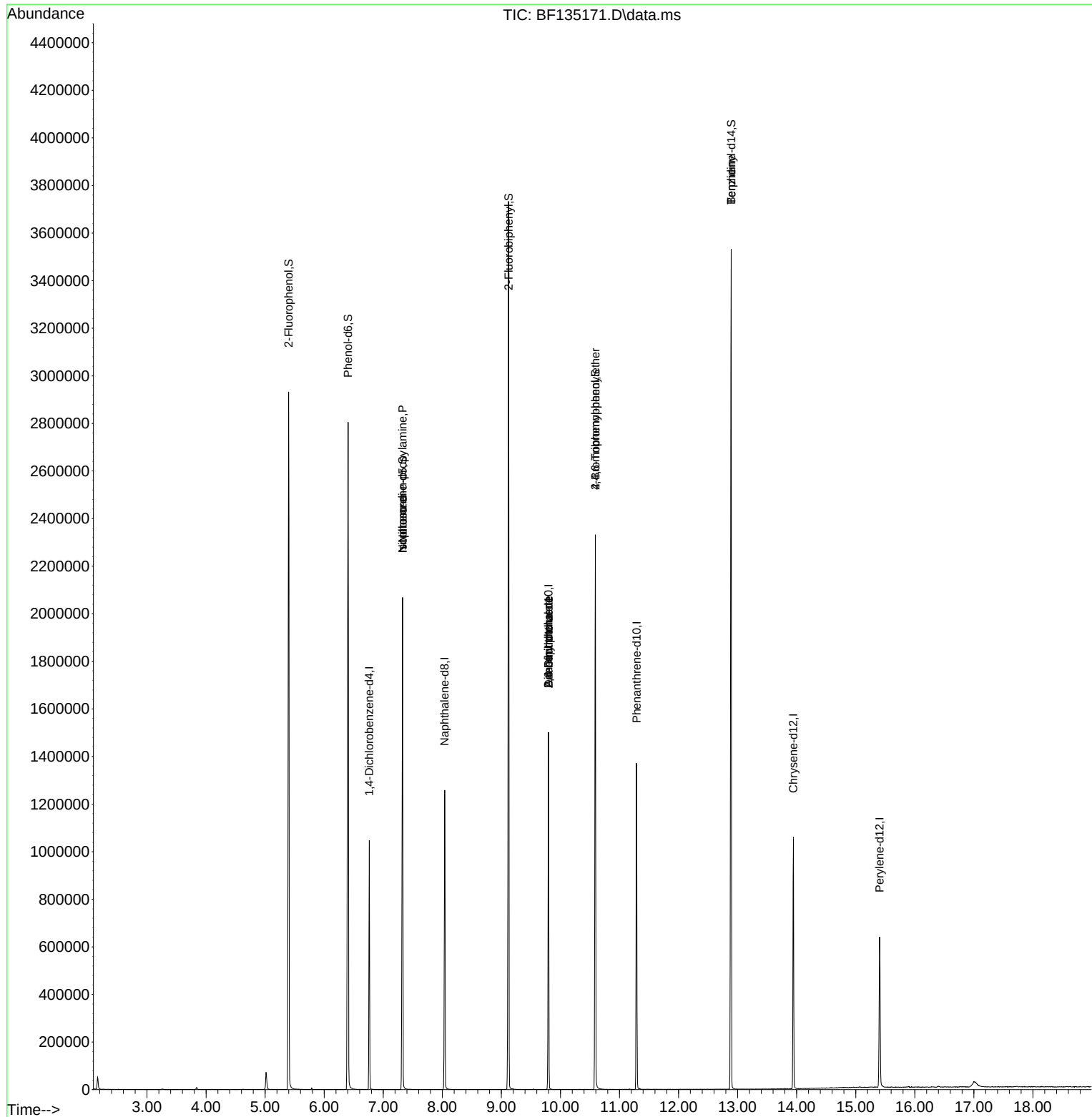
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	141160	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	547523	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	282414	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	553936	20.000	ng	0.00
76) Chrysene-d12	13.945	240	352415	20.000	ng	0.00
86) Perylene-d12	15.404	264	307535	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	836956	96.434	ng	0.01
7) Phenol-d6	6.404	99	1070317	96.985	ng	0.00
23) Nitrobenzene-d5	7.328	82	667145	66.199	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	286716	102.161	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1197103	63.952	ng	0.00
79) Terphenyl-d14	12.892	244	1336755	58.801	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	90004	13.167	ng	# 74
25) Isophorone	7.328	82	665140	35.943	ng	# 65
50) Dimethylphthalate	9.798	163	56789	2.974	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	35564	8.502	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	35564	6.791	ng	# 18
67) 4-Bromophenyl-phenylether	10.592	248	17482	3.173	ng	# 1
77) Benzidine	12.892	184	16420	2.274	ng	# 97

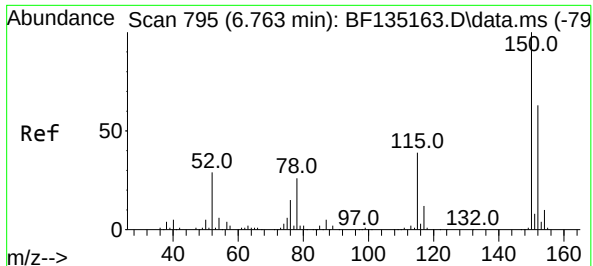
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135171.D
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

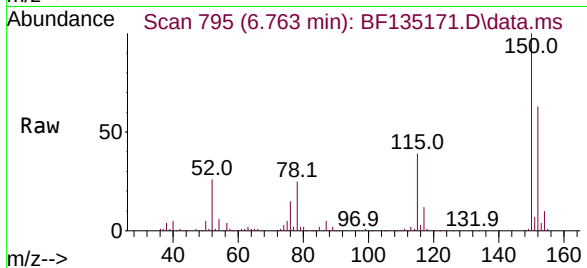
Quant Time: Sep 13 01:58:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration



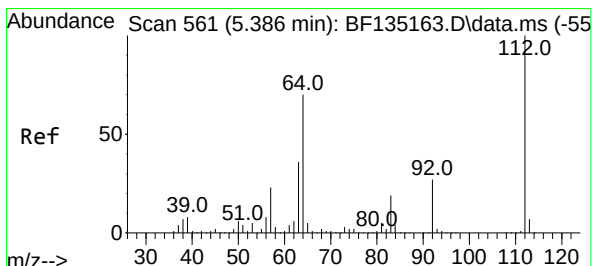
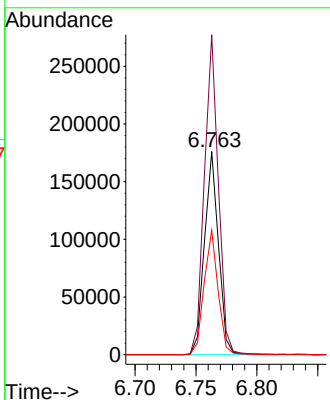
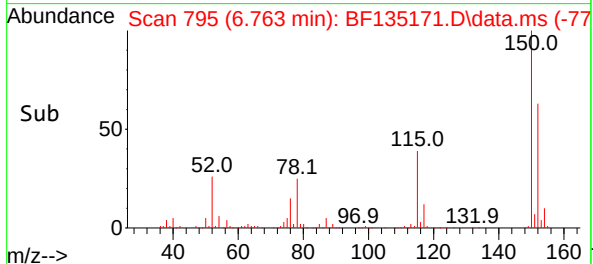


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24

Instrument :
BNA_F
ClientSampleId :

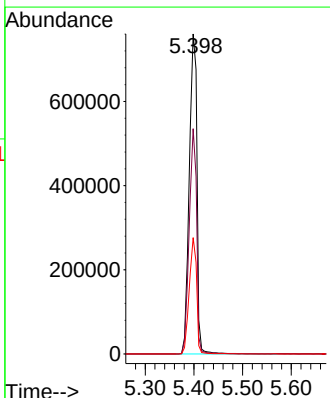
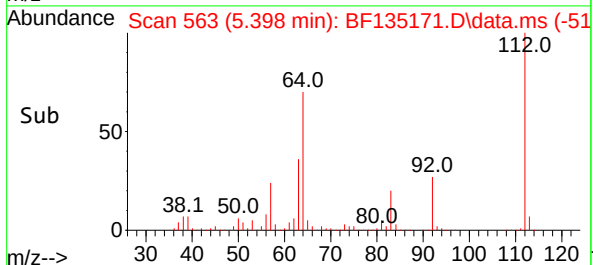
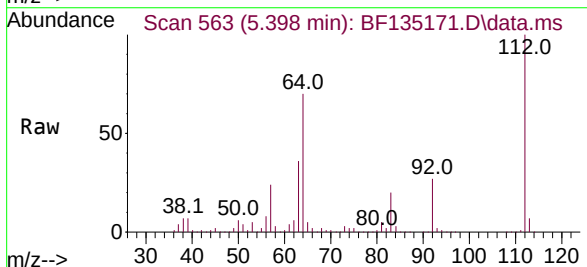


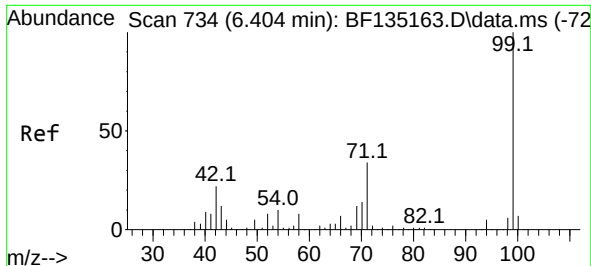
Tgt Ion:152 Resp: 141160
Ion Ratio Lower Upper
152 100
150 157.5 127.8 191.6
115 61.3 49.8 74.8



#5
2-Fluorophenol
Concen: 96.434 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24

Tgt Ion:112 Resp: 836956
Ion Ratio Lower Upper
112 100
64 70.4 55.9 83.9
63 36.3 29.0 43.6





#7

Phenol-d6

Concen: 96.985 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135171.D

Acq: 12 Sep 2023 09:24

Instrument :

BNA_F

ClientSampleId :

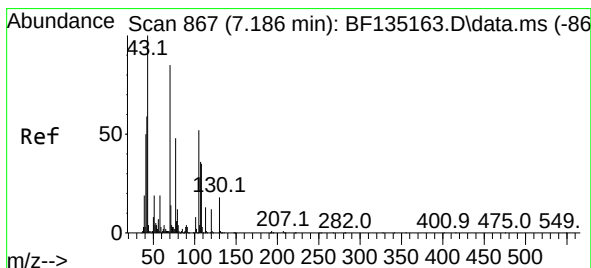
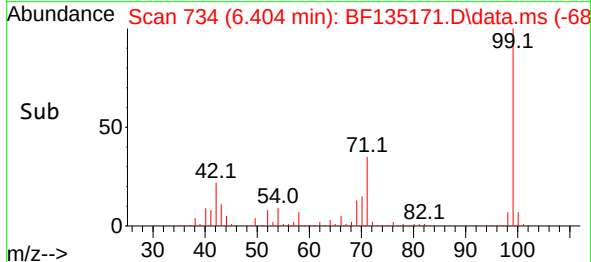
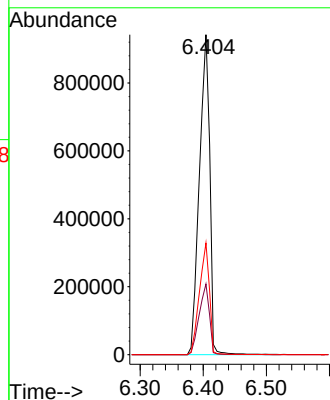
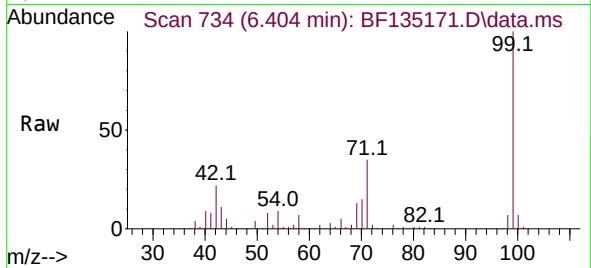
Tgt Ion: 99 Resp: 1070317

Ion Ratio Lower Upper

99 100

42 22.1 17.9 26.9

71 34.9 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.167 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.141 min

Lab File: BF135171.D

Acq: 12 Sep 2023 09:24

Tgt Ion: 70 Resp: 90004

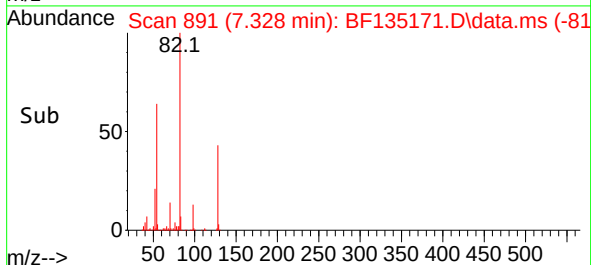
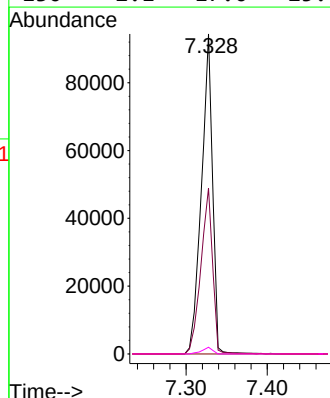
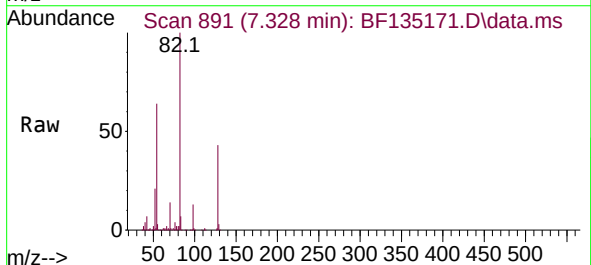
Ion Ratio Lower Upper

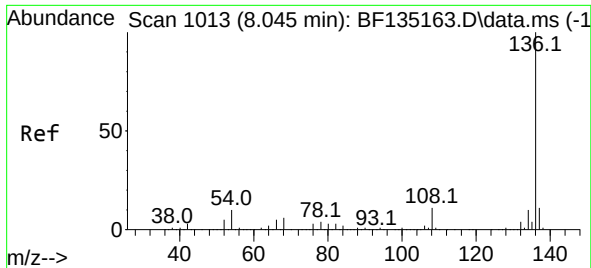
70 100

42 51.8 55.4 83.0#

101 0.0 7.7 11.5#

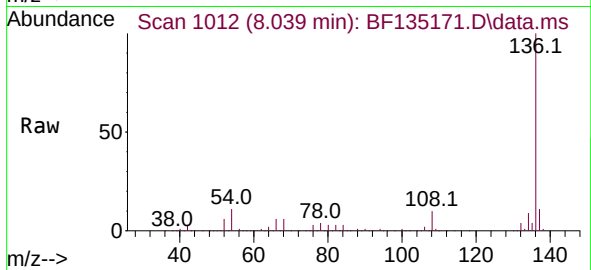
130 2.1 17.0 25.6#



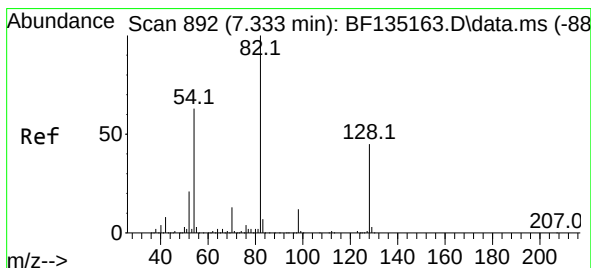
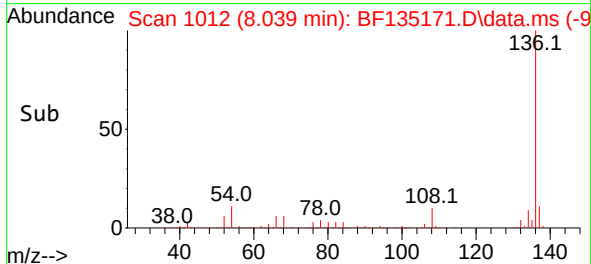
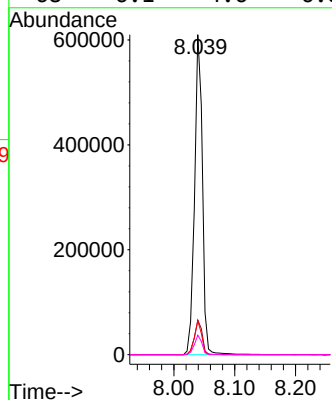


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24

Instrument :
BNA_F
ClientSampleId :

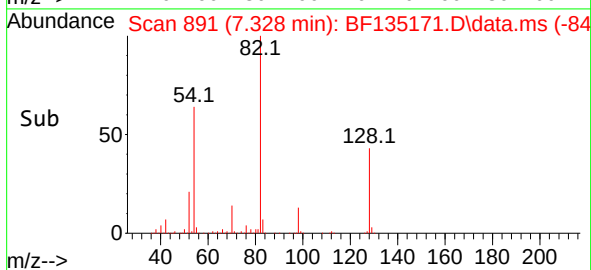
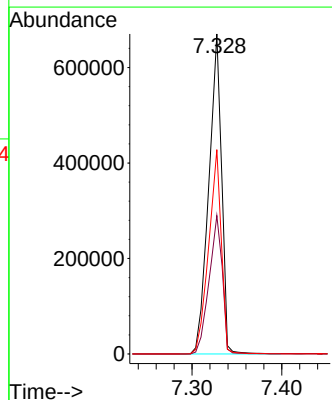
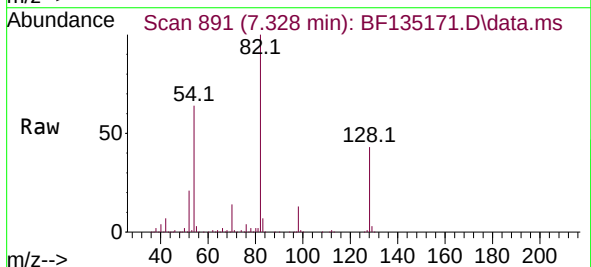


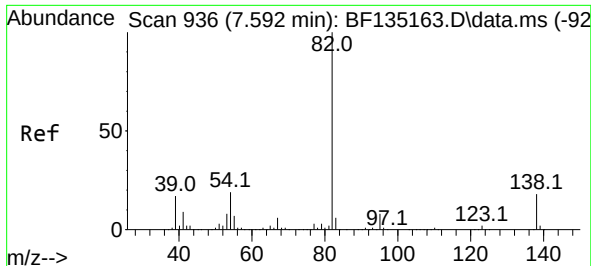
Tgt Ion:136 Resp: 547523
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.6 7.7 11.5
68 6.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 66.199 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24

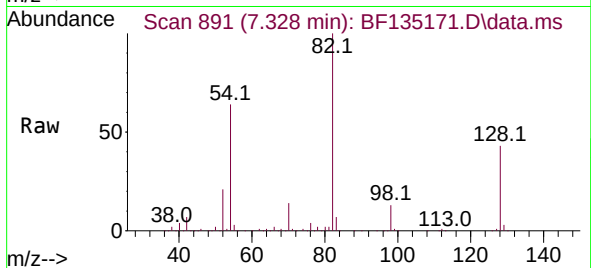
Tgt Ion: 82 Resp: 667145
Ion Ratio Lower Upper
82 100
128 43.2 35.8 53.6
54 63.8 50.6 76.0



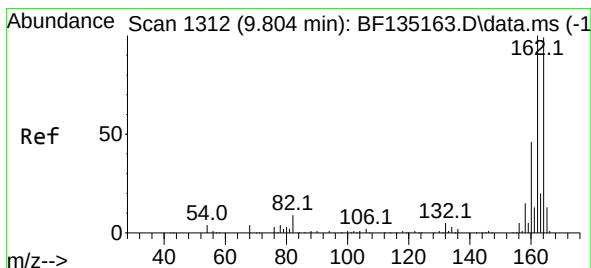
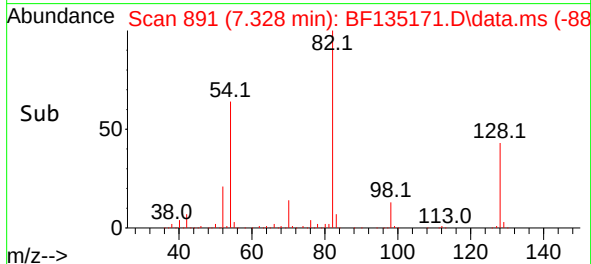
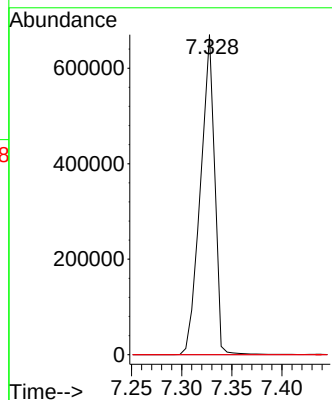


#25
Isophorone
Concen: 35.943 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24

Instrument :
BNA_F
ClientSampleId :

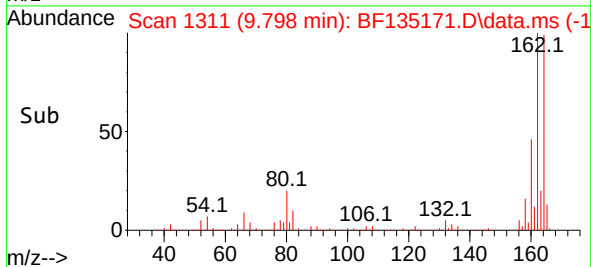
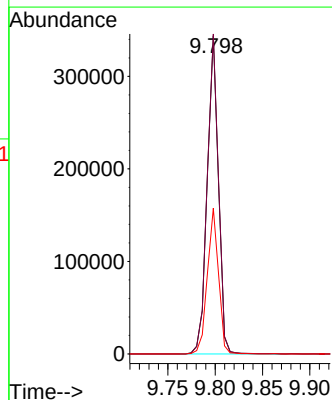
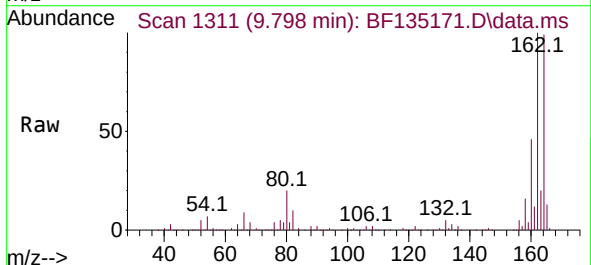


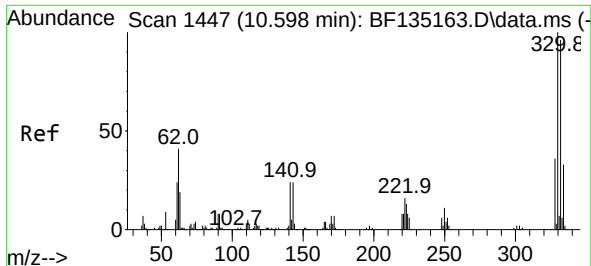
Tgt Ion: 82 Resp: 665140
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24

Tgt Ion:164 Resp: 282414
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.4
160 45.8 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 102.161 ng

RT: 10.592 min Scan# 1447

Delta R.T. -0.006 min

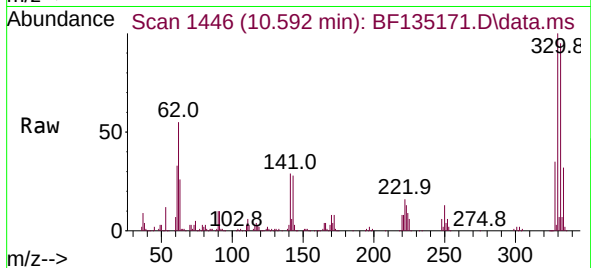
Lab File: BF135171.D

Acq: 12 Sep 2023 09:24

Instrument :

BNA_F

ClientSampleId :



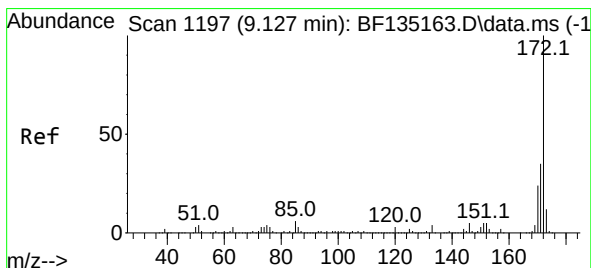
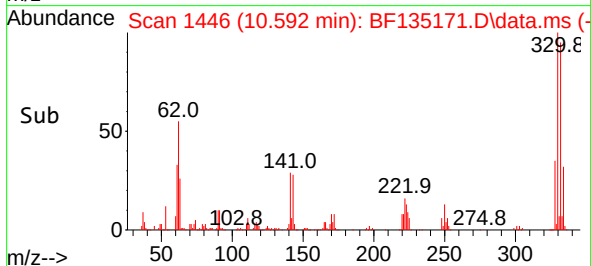
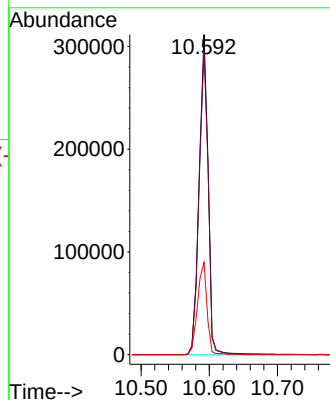
Tgt Ion:330 Resp: 286716

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 30.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 63.952 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135171.D

Acq: 12 Sep 2023 09:24

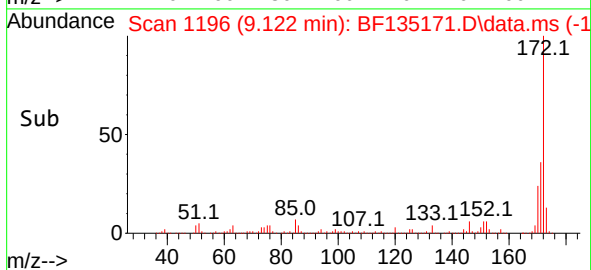
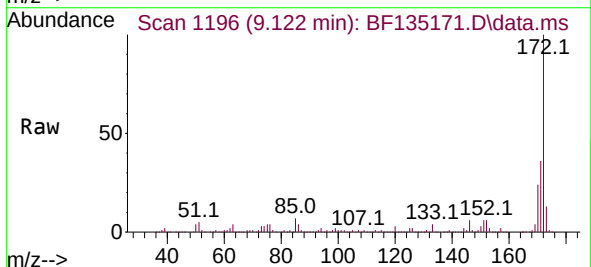
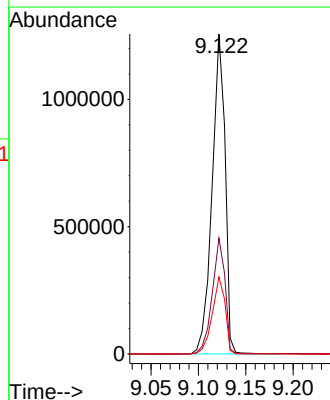
Tgt Ion:172 Resp: 1197103

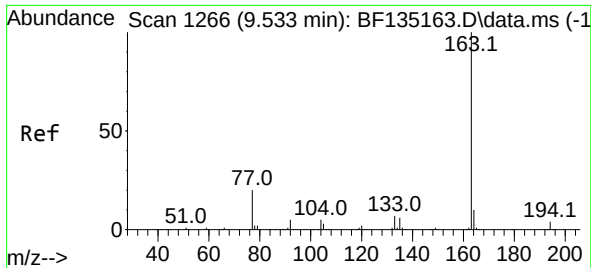
Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.0 19.0 28.4

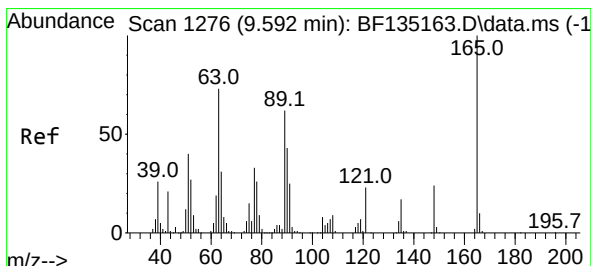
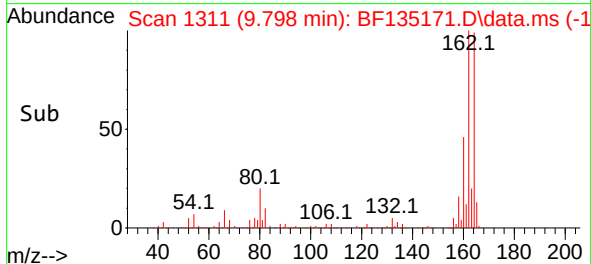
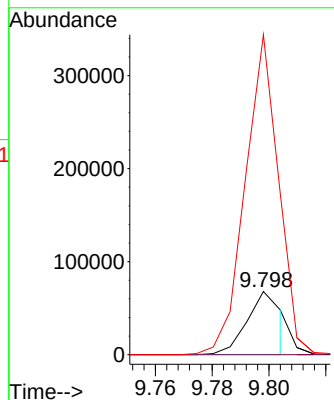
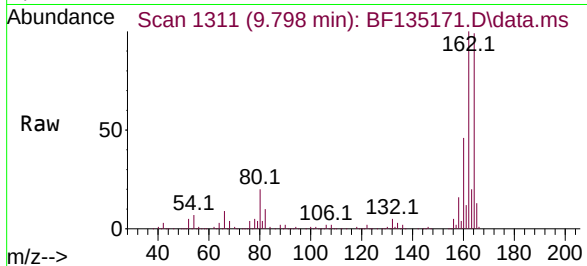




#50
Dimethylphthalate
Concen: 2.974 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24

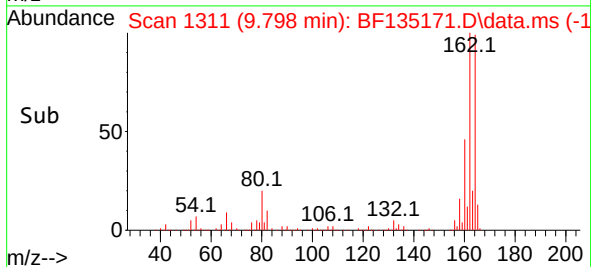
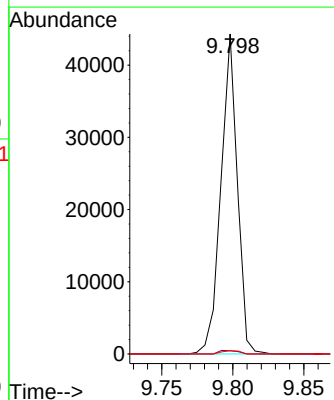
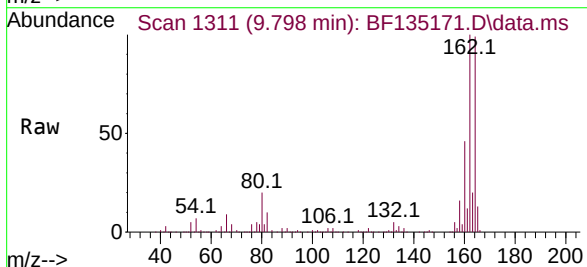
Instrument :
BNA_F
ClientSampleId :

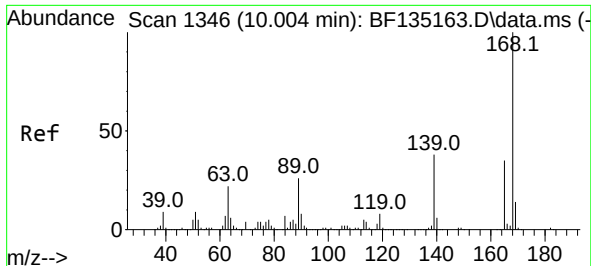
Tgt Ion:163 Resp: 56789
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 506.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.502 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24

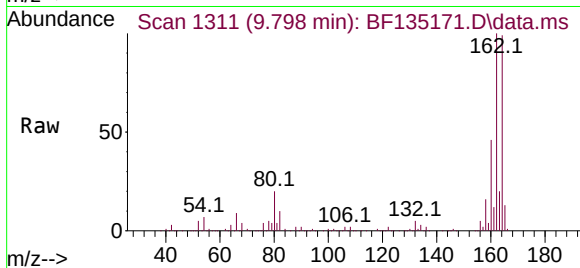
Tgt Ion:165 Resp: 35564
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 1.0 49.8 74.8#



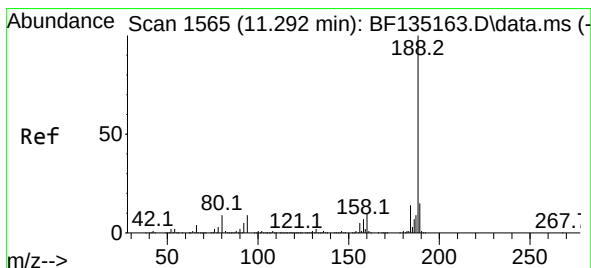
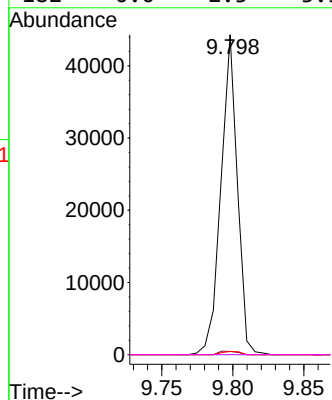
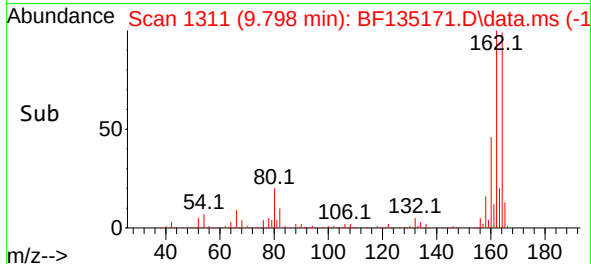


#57
2,4-Dinitrotoluene
Concen: 6.791 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.206 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24

Instrument :
BNA_F
ClientSampleId :

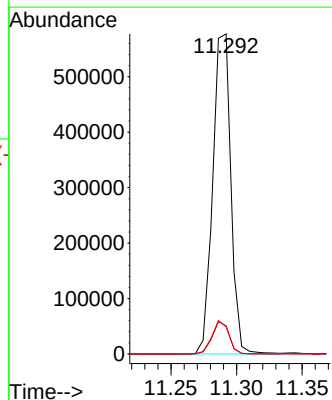
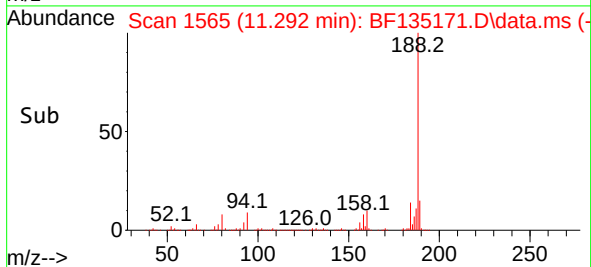
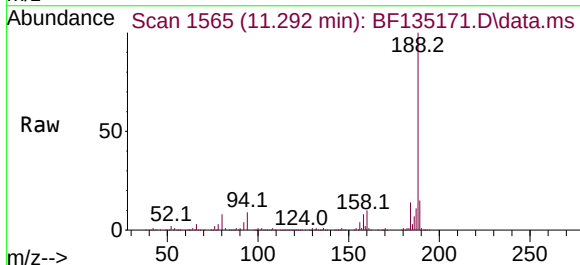


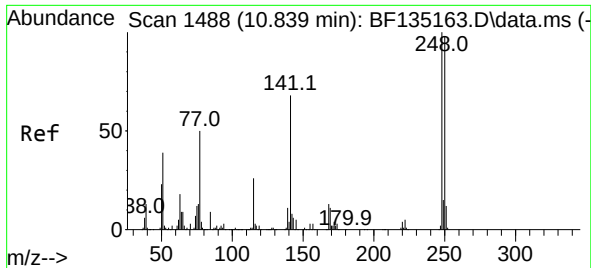
Tgt Ion:165 Resp: 35564
Ion Ratio Lower Upper
165 100
63 1.0 50.1 75.1#
89 1.0 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24

Tgt Ion:188 Resp: 553936
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 8.4 7.5 11.3

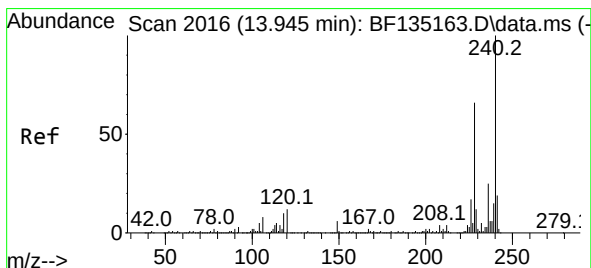
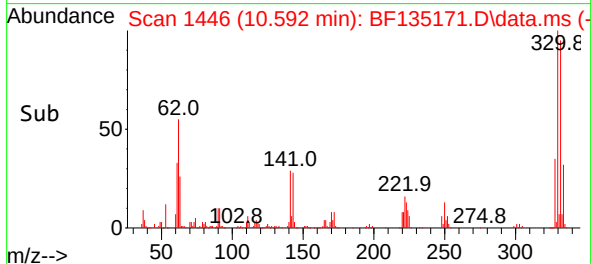
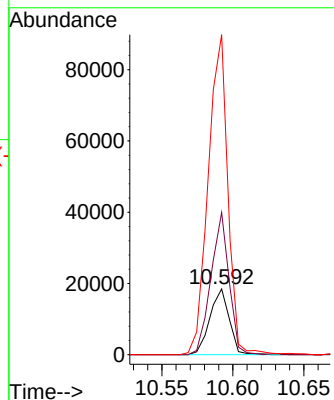
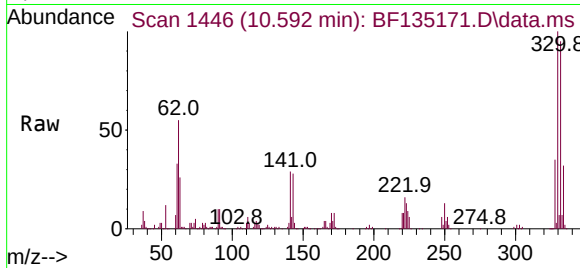




#67
4-Bromophenyl-phenylether
Concen: 3.173 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24

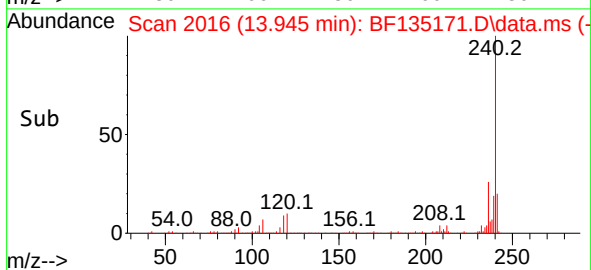
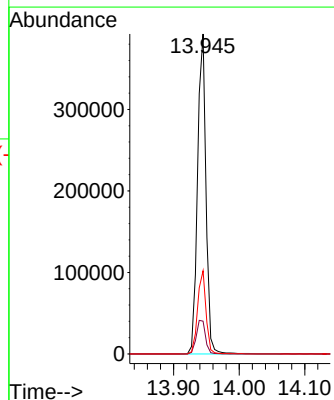
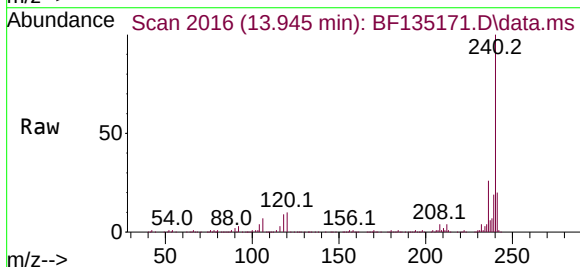
Instrument :
BNA_F
ClientSampleId :

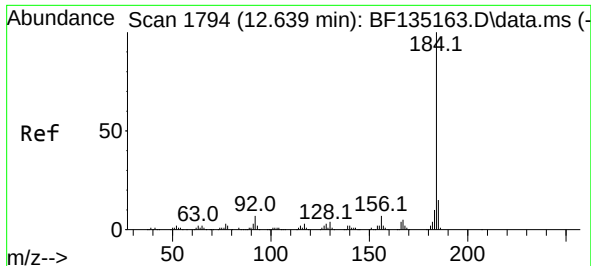
Tgt Ion:248 Resp: 17482
Ion Ratio Lower Upper
248 100
250 216.2 78.6 117.8#
141 486.4 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24

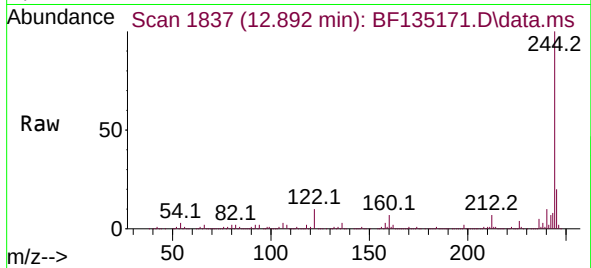
Tgt Ion:240 Resp: 352415
Ion Ratio Lower Upper
240 100
120 10.3 9.4 14.2
236 26.0 19.8 29.8



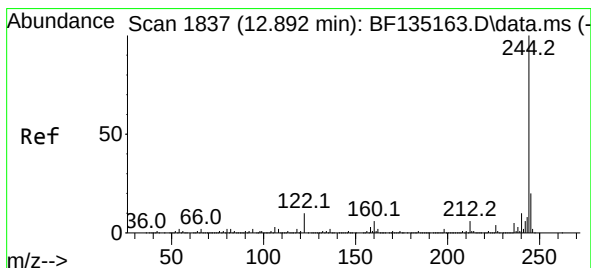
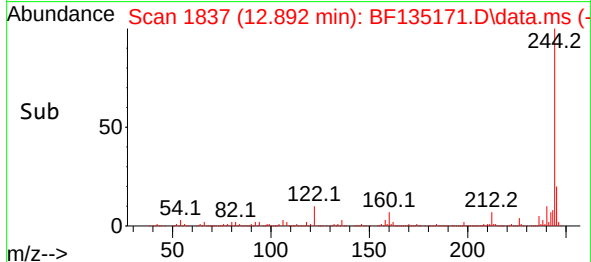
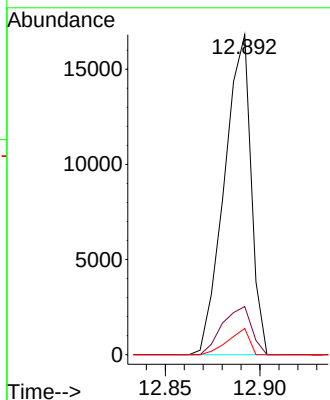


#77
Benzidine
Concen: 2.274 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24

Instrument :
BNA_F
ClientSampleId :

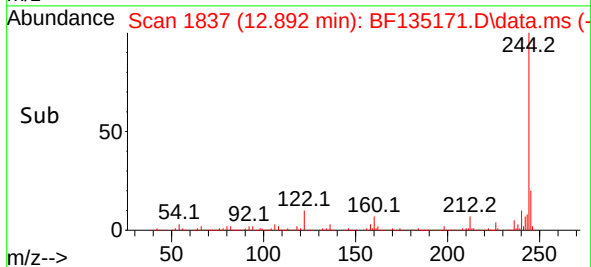
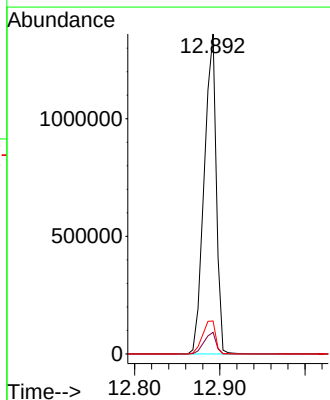
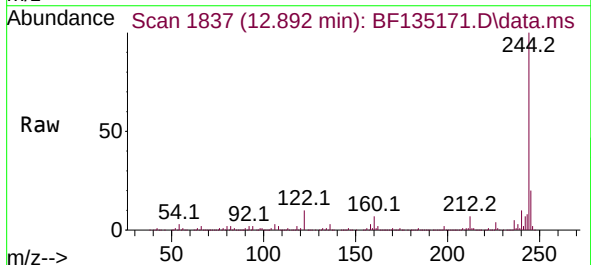


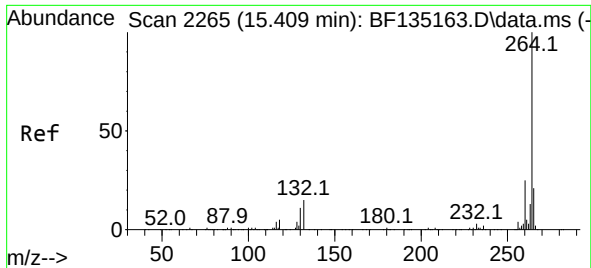
Tgt Ion:184 Resp: 16420
Ion Ratio Lower Upper
184 100
185 15.0 11.7 17.5
183 8.2 8.2 12.4#



#79
Terphenyl-d14
Concen: 58.801 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24

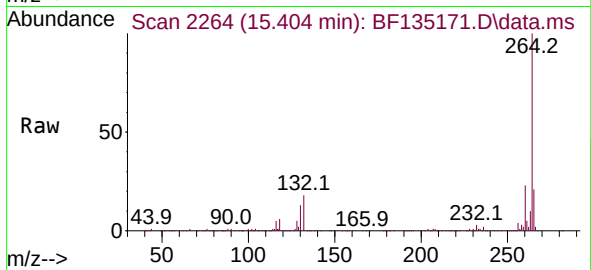
Tgt Ion:244 Resp: 1336755
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 10.3 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135171.D
Acq: 12 Sep 2023 09:24

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 307535
Ion Ratio Lower Upper
264 100
260 22.5 19.8 29.6
265 20.6 17.0 25.4

