

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135241.D
 Acq On : 14 Sep 2023 01:11
 Operator : CG\JU
 Sample : 04256-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8R-4R-9

Quant Time: Sep 14 02:26:20 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)

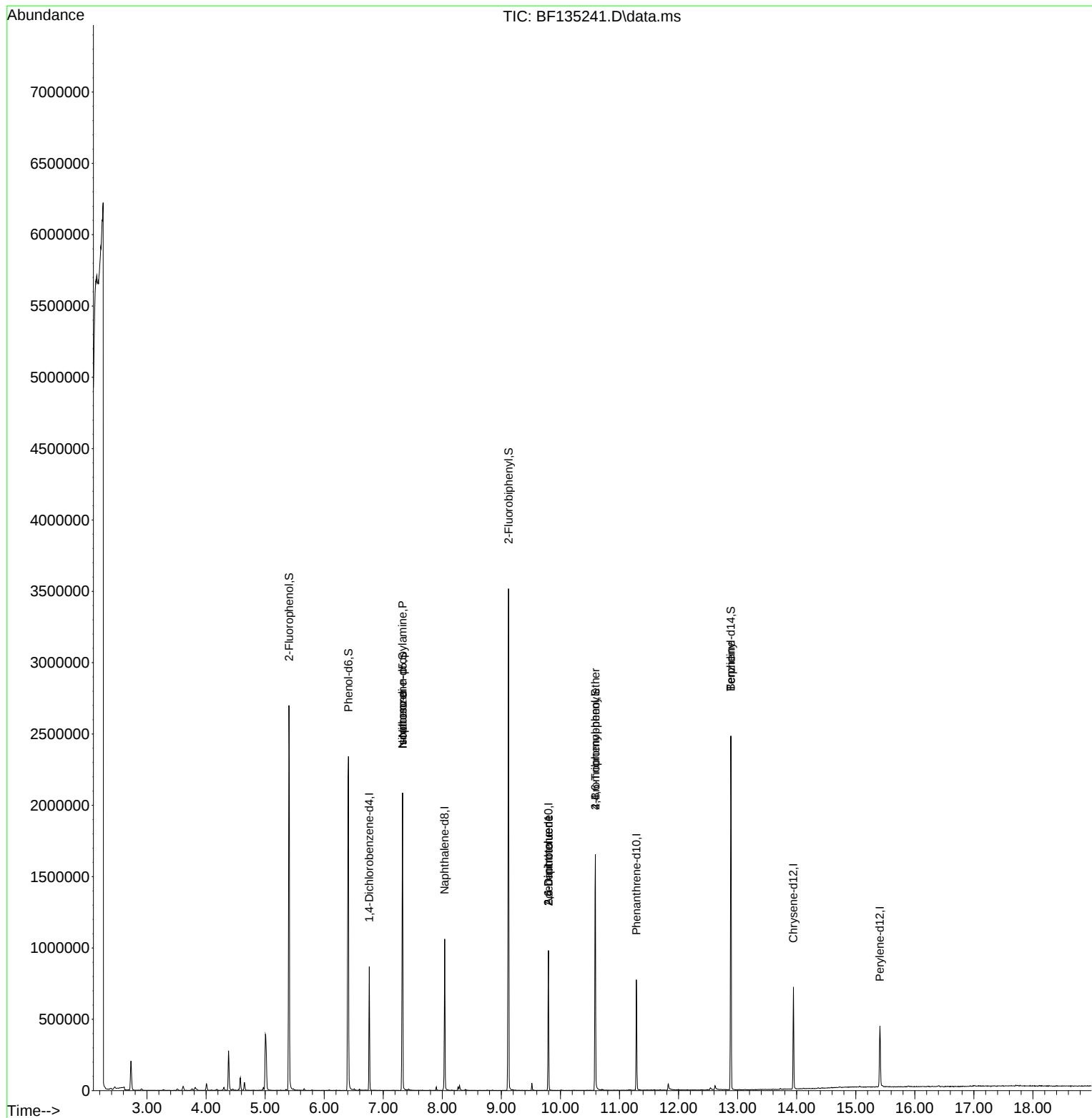
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	115028	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	422404	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	182899	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	276475	20.000	ng	0.00
76) Chrysene-d12	13.945	240	226189	20.000	ng	0.00
86) Perylene-d12	15.409	264	204115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	749549	105.983	ng	0.02
7) Phenol-d6	6.410	99	847872	94.282	ng	0.00
23) Nitrobenzene-d5	7.328	82	644643	82.914	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	192927	106.145	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1076340	88.787	ng	0.00
79) Terphenyl-d14	12.886	244	883517	60.552	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	85984	15.436	ng	# 80
25) Isophorone	7.328	82	644631	45.153	ng	# 65
51) 2,6-Dinitrotoluene	9.798	165	23576	8.703	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	23576	6.952	ng	# 19
67) 4-Bromophenyl-phenylether	10.592	248	12459	4.531	ng	# 1
77) Benzidine	12.886	184	10928	2.358	ng	# 91

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

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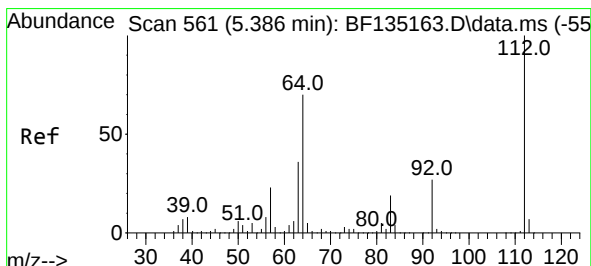
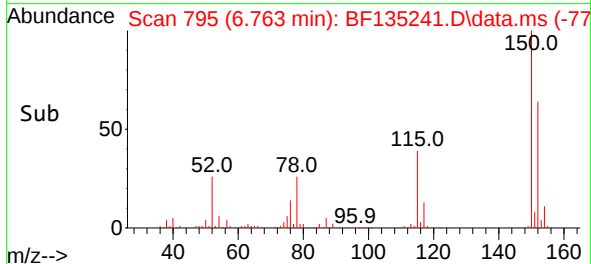
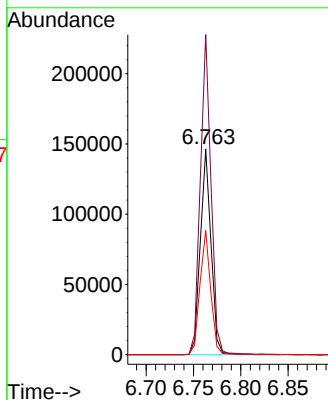
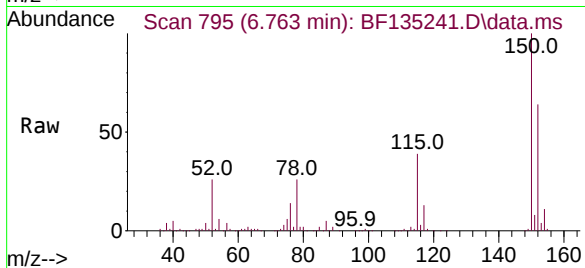




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135241.D
Acq: 14 Sep 2023 01:11

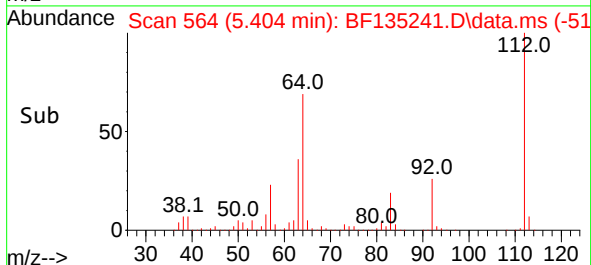
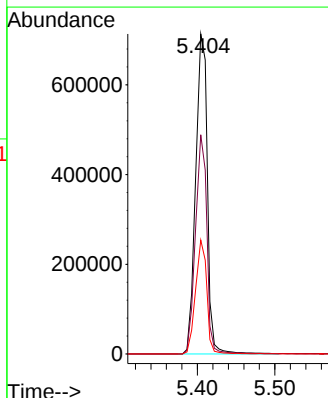
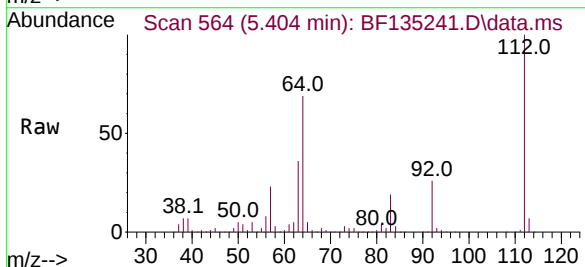
Instrument :
BNA_F
ClientSampleId :
MW-8R-4R-9

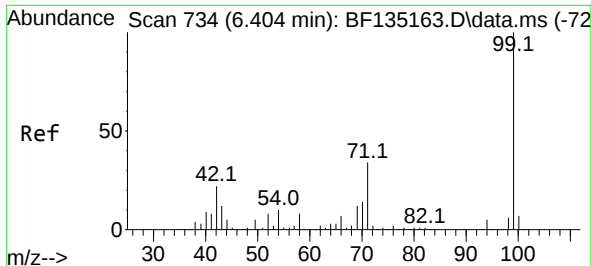
Tgt Ion:152 Resp: 115028
Ion Ratio Lower Upper
152 100
150 155.7 127.8 191.6
115 60.4 49.8 74.8



#5
2-Fluorophenol
Concen: 105.983 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135241.D
Acq: 14 Sep 2023 01:11

Tgt Ion:112 Resp: 749549
Ion Ratio Lower Upper
112 100
64 68.5 55.9 83.9
63 35.6 29.0 43.6





#7

Phenol-d6

Concen: 94.282 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135241.D

Acq: 14 Sep 2023 01:11

Instrument :

BNA_F

ClientSampleId :

MW-8R-4R-9

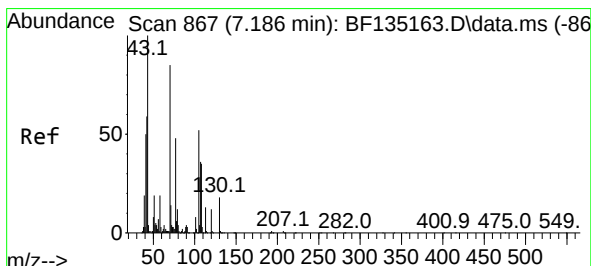
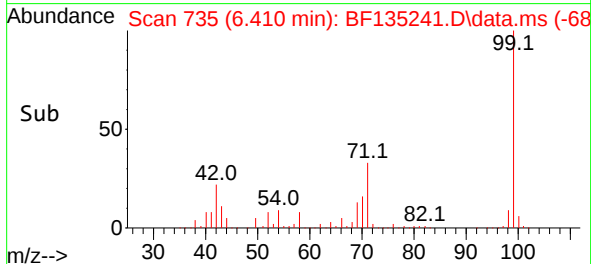
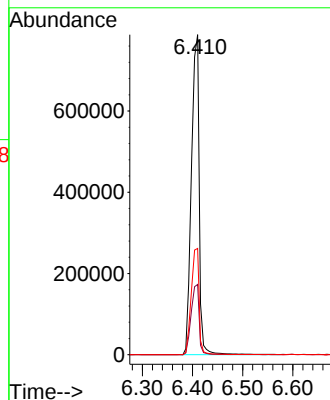
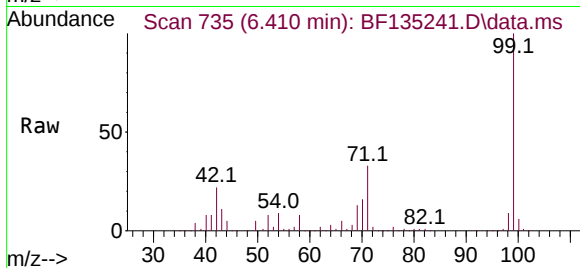
Tgt Ion: 99 Resp: 847872

Ion Ratio Lower Upper

99 100

42 22.0 17.9 26.9

71 33.2 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.436 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.141 min

Lab File: BF135241.D

Acq: 14 Sep 2023 01:11

Tgt Ion: 70 Resp: 85984

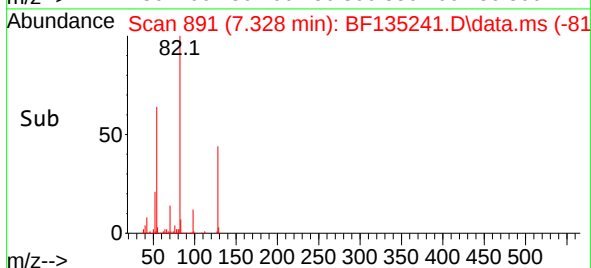
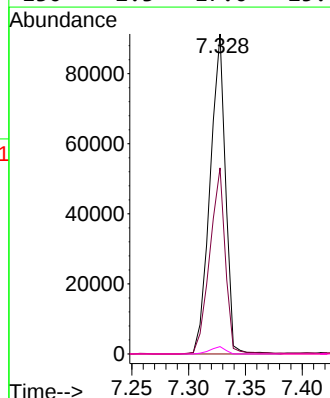
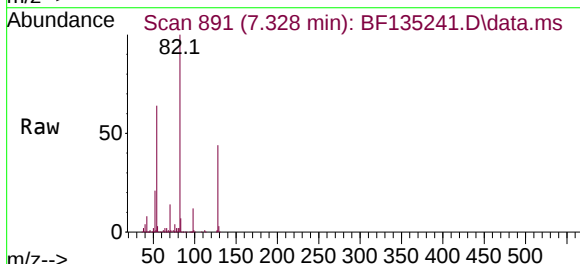
Ion Ratio Lower Upper

70 100

42 58.2 55.4 83.0

101 0.0 7.7 11.5#

130 2.3 17.0 25.6#

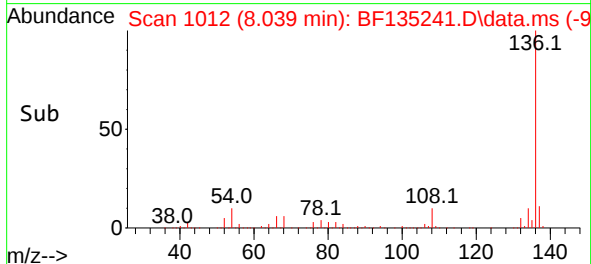
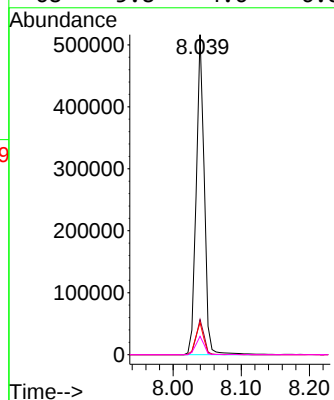
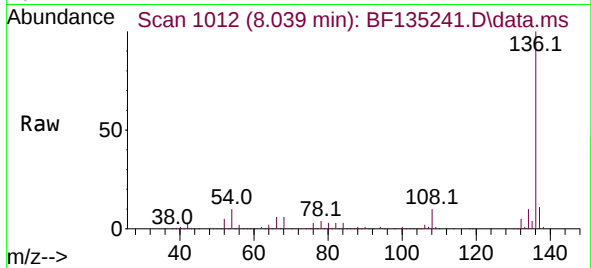




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135241.D
Acq: 14 Sep 2023 01:11

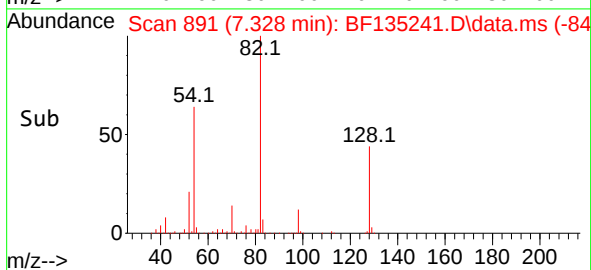
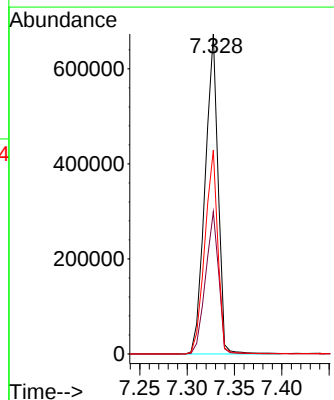
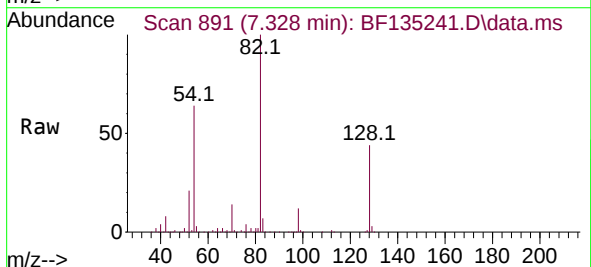
Instrument :
BNA_F
ClientSampleId :
MW-8R-4R-9

Tgt Ion:136 Resp: 422404
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.0 7.7 11.5
68 5.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 82.914 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135241.D
Acq: 14 Sep 2023 01:11

Tgt Ion: 82 Resp: 644643
Ion Ratio Lower Upper
82 100
128 44.5 35.8 53.6
54 63.7 50.6 76.0

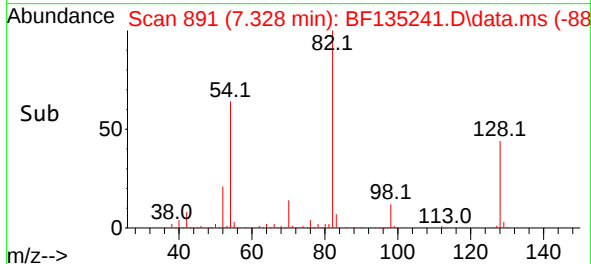
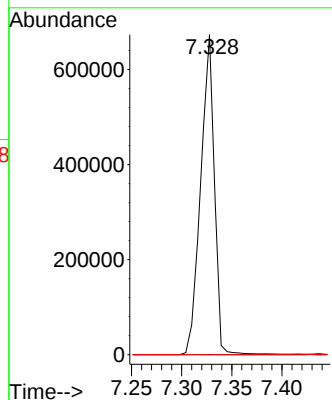
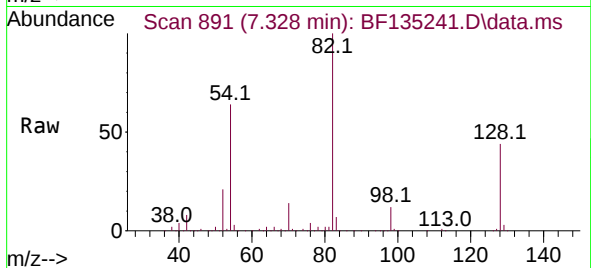




#25
Isophorone
Concen: 45.153 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF135241.D
Acq: 14 Sep 2023 01:11

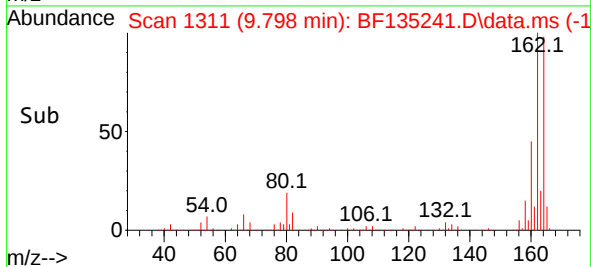
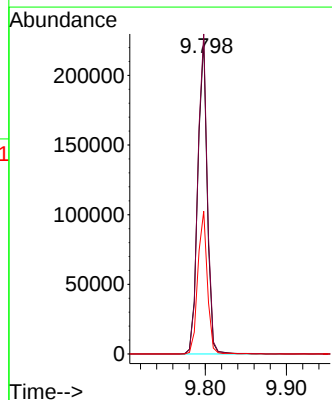
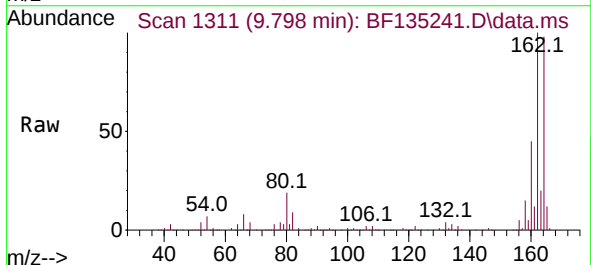
Instrument :
BNA_F
ClientSampleId :
MW-8R-4R-9

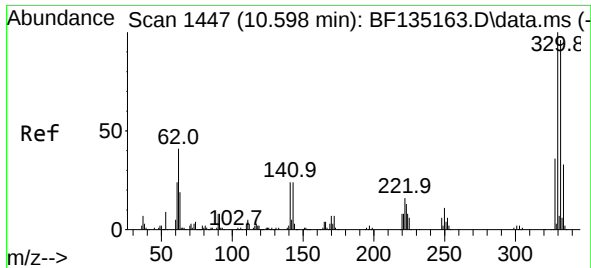
Tgt Ion: 82 Resp: 644631
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135241.D
Acq: 14 Sep 2023 01:11

Tgt Ion:164 Resp: 182899
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.4
160 45.5 37.0 55.4

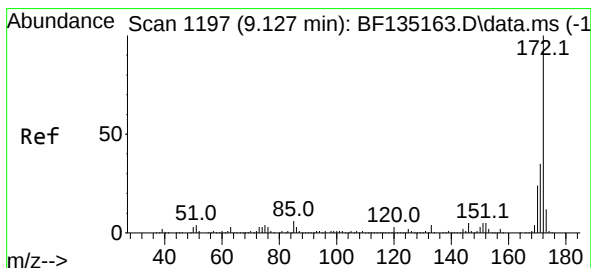
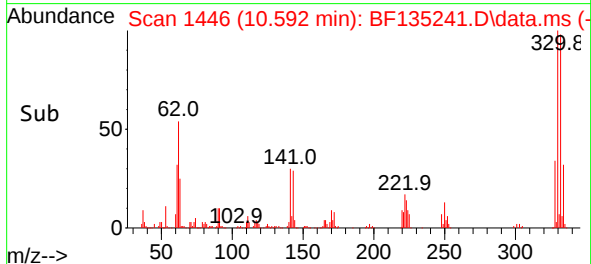
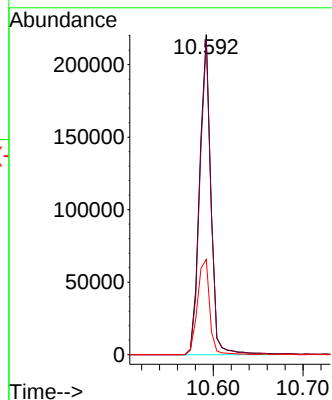
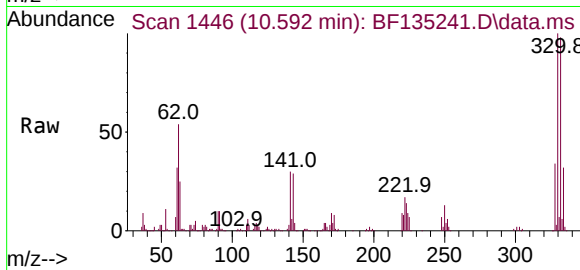




#42
2,4,6-Tribromophenol
Concen: 106.145 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135241.D
Acq: 14 Sep 2023 01:11

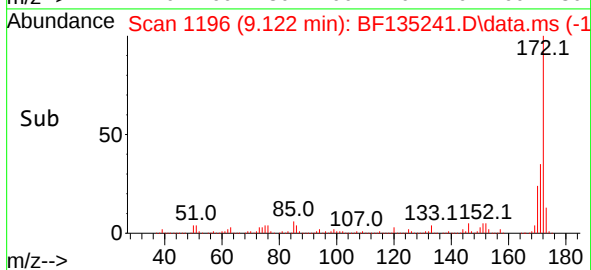
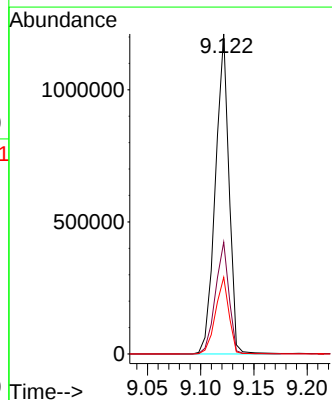
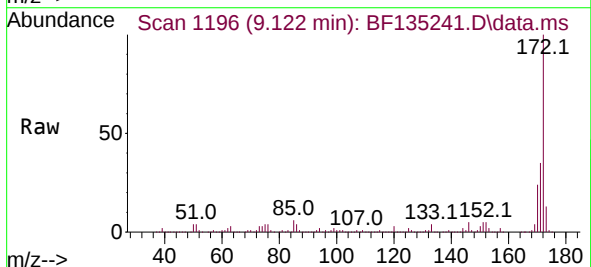
Instrument :
BNA_F
ClientSampleId :
MW-8R-4R-9

Tgt Ion:330 Resp: 192927
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 32.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 88.787 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135241.D
Acq: 14 Sep 2023 01:11

Tgt Ion:172 Resp: 1076340
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.9 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.703 ng

RT: 9.798 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF135241.D

Acq: 14 Sep 2023 01:11

Instrument :

BNA_F

ClientSampleId :

MW-8R-4R-9

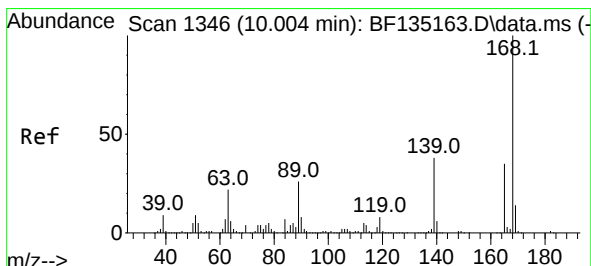
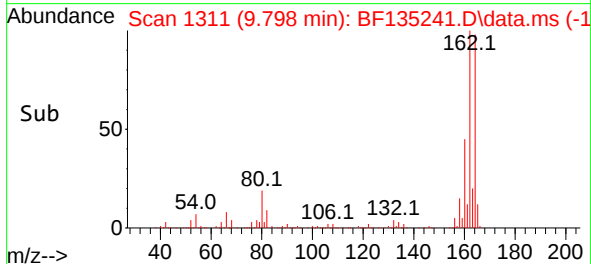
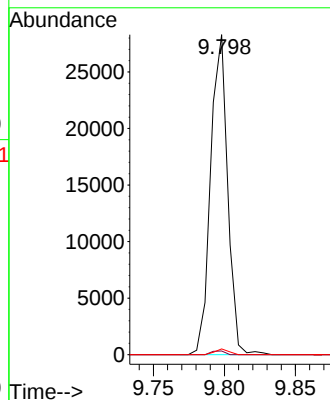
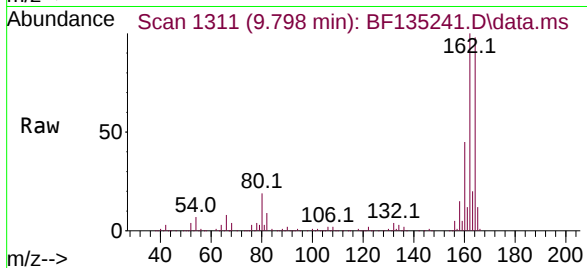
Tgt Ion:165 Resp: 23576

Ion Ratio Lower Upper

165 100

63 1.2 59.4 89.2#

89 1.8 49.8 74.8#



#57

2,4-Dinitrotoluene

Concen: 6.952 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.206 min

Lab File: BF135241.D

Acq: 14 Sep 2023 01:11

Tgt Ion:165 Resp: 23576

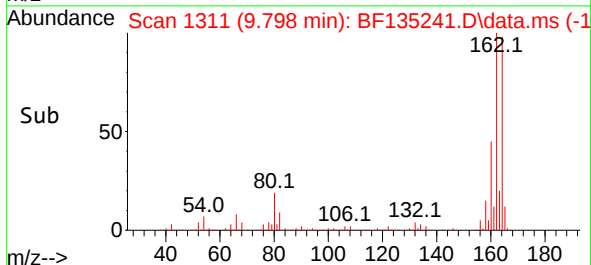
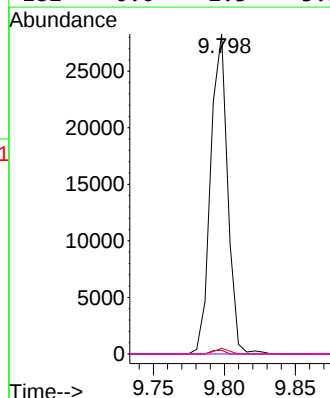
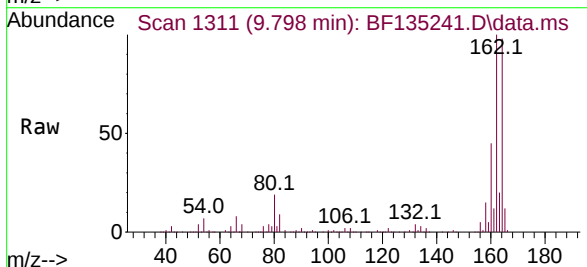
Ion Ratio Lower Upper

165 100

63 1.2 50.1 75.1#

89 1.8 59.3 88.9#

182 0.0 2.3 3.5#

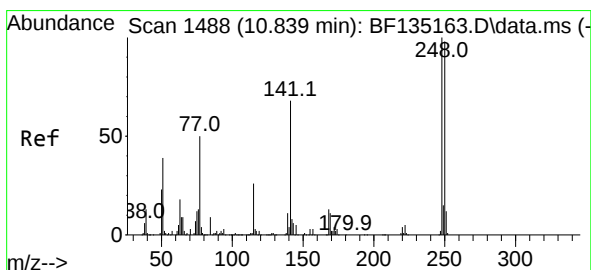
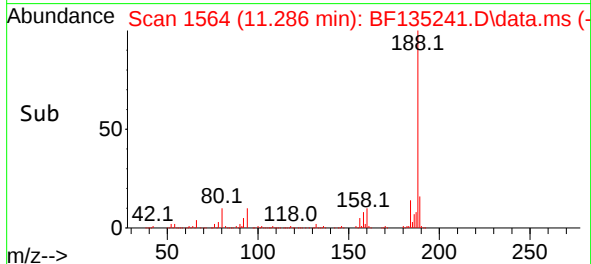
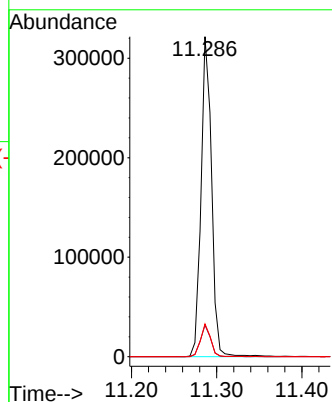
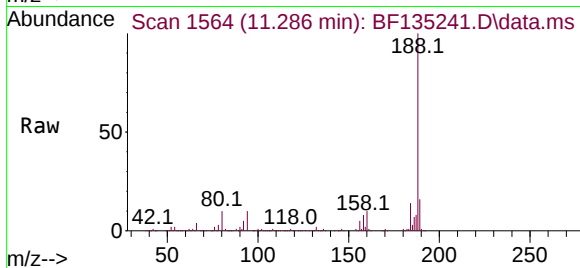




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135241.D
Acq: 14 Sep 2023 01:11

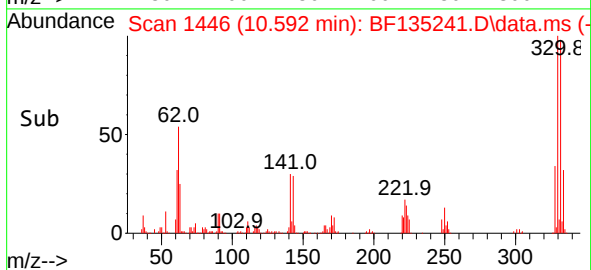
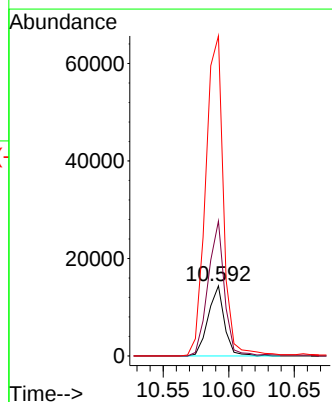
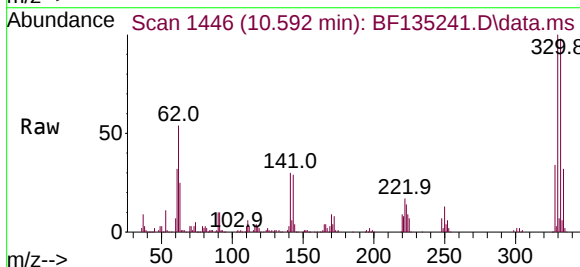
Instrument :
BNA_F
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MW-8R-4R-9

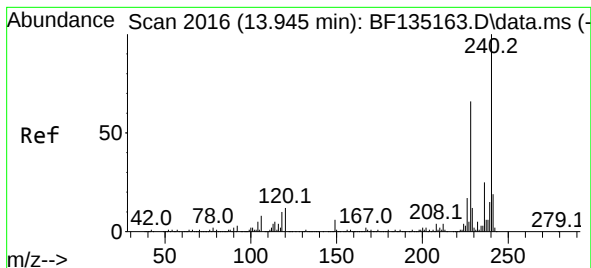
Tgt Ion:188 Resp: 276475
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.531 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.247 min
Lab File: BF135241.D
Acq: 14 Sep 2023 01:11

Tgt Ion:248 Resp: 12459
Ion Ratio Lower Upper
248 100
250 192.6 78.6 117.8#
141 456.7 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135241.D

Acq: 14 Sep 2023 01:11

Instrument :

BNA_F

ClientSampleId :

MW-8R-4R-9

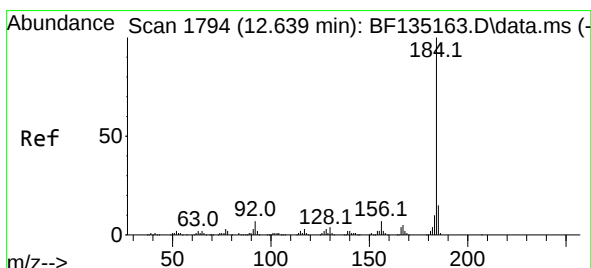
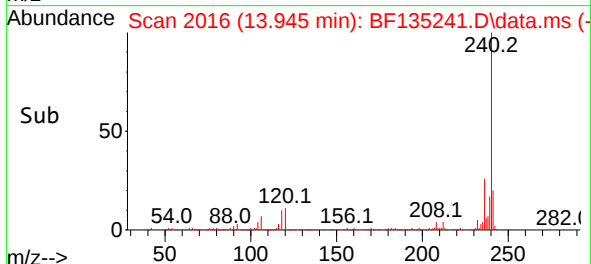
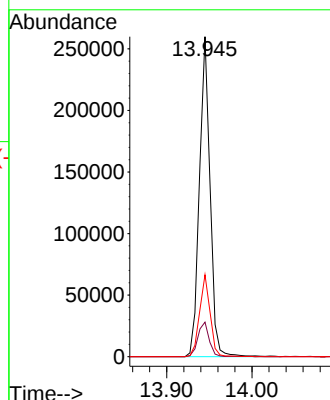
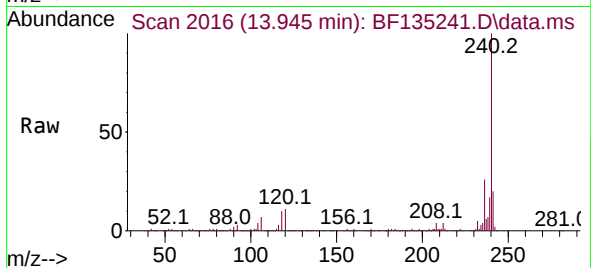
Tgt Ion:240 Resp: 226189

Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.2

236 25.6 19.8 29.8



#77

Benzidine

Concen: 2.358 ng

RT: 12.886 min Scan# 1836

Delta R.T. 0.247 min

Lab File: BF135241.D

Acq: 14 Sep 2023 01:11

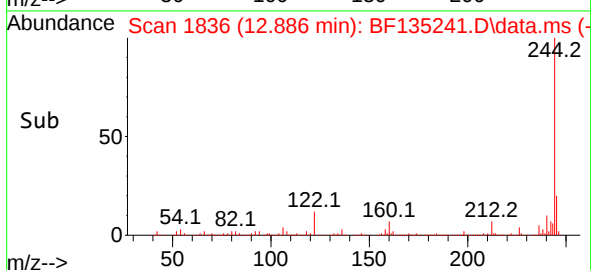
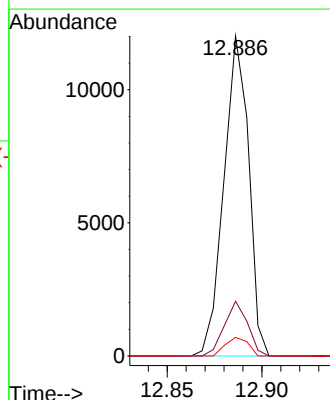
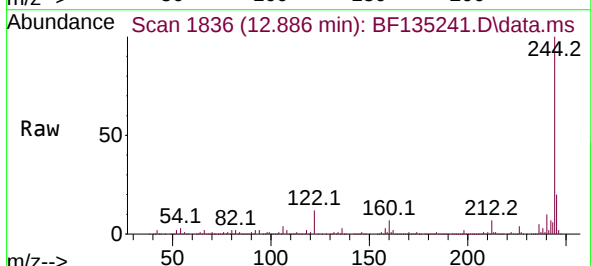
Tgt Ion:184 Resp: 10928

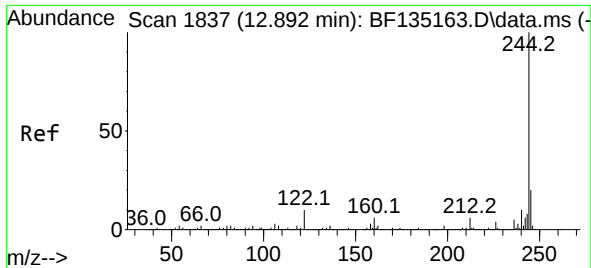
Ion Ratio Lower Upper

184 100

185 17.1 11.7 17.5

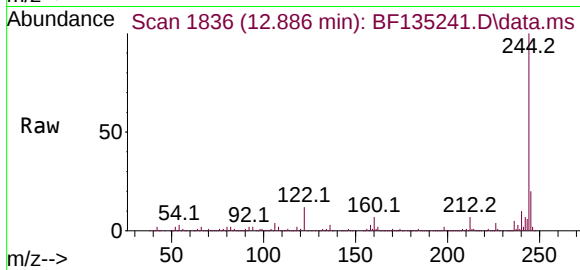
183 5.8 8.2 12.4#



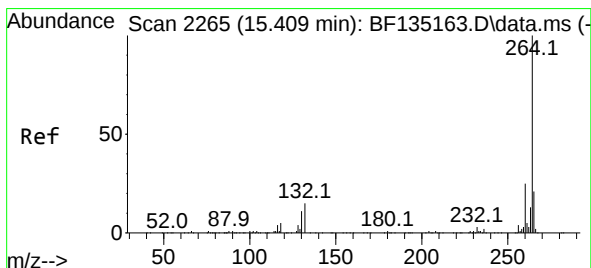
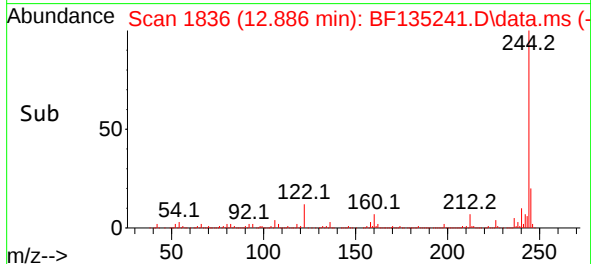
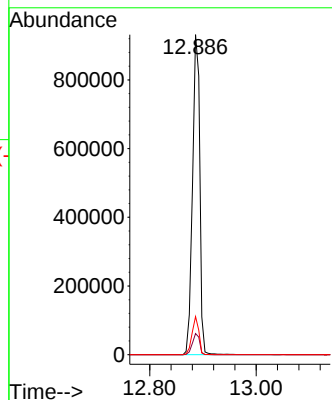


#79
 Terphenyl-d14
 Concen: 60.552 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135241.D
 Acq: 14 Sep 2023 01:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-8R-4R-9



Tgt Ion:244 Resp: 883517
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.9 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135241.D
 Acq: 14 Sep 2023 01:11

Tgt Ion:264 Resp: 204115
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.8 29.6
 265 21.4 17.0 25.4

