

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135051.D
 Acq On : 31 Aug 2023 20:26
 Operator : CG\JU
 Sample : 04218-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Sep 01 01:52:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

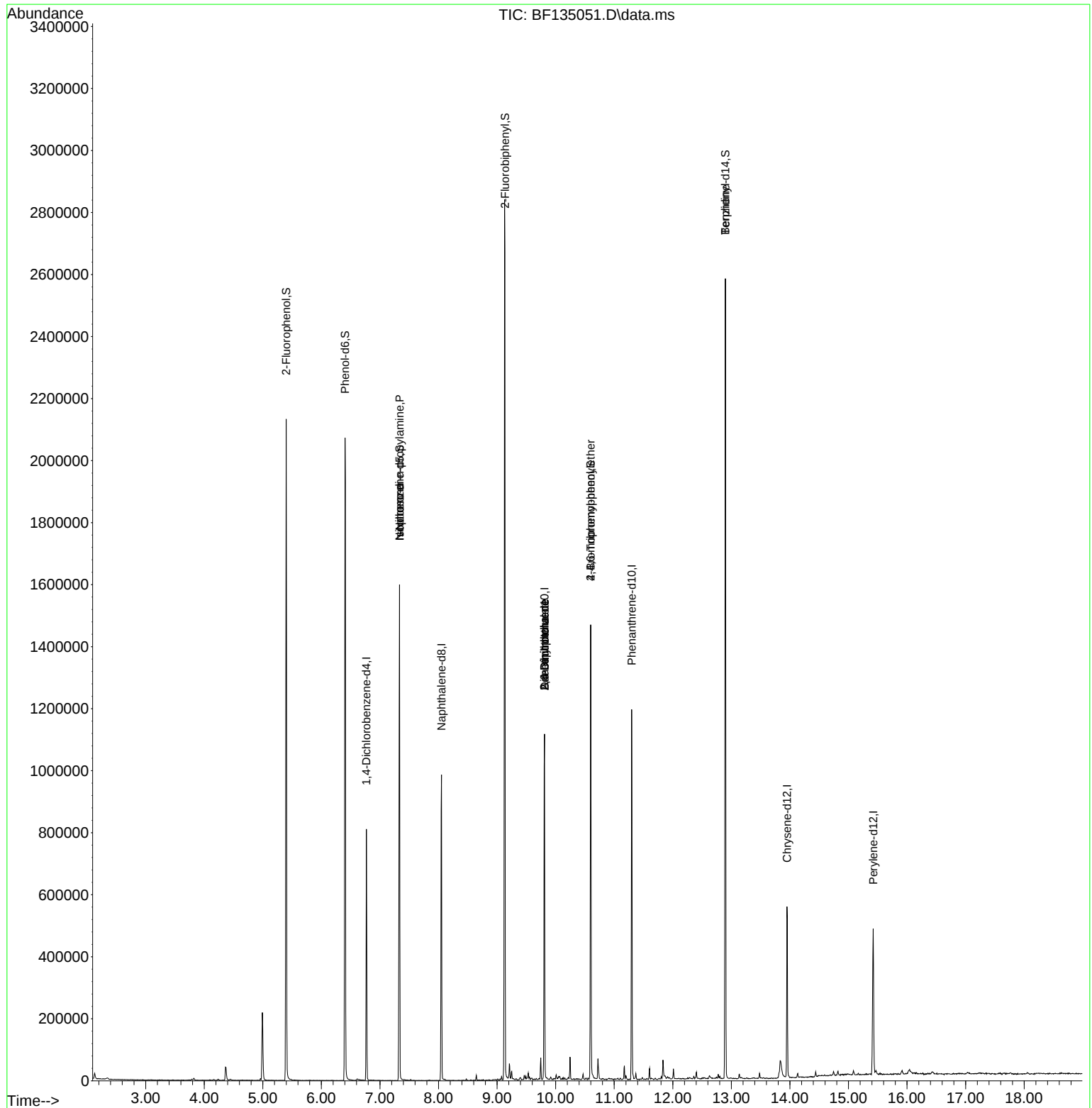
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	107231	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	437517	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	231328	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	414463	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	188733	20.000	ng	-0.01
86) Perylene-d12	15.421	264	220263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	557782	80.346	ng	0.00
7) Phenol-d6	6.404	99	730009	84.364	ng	-0.01
23) Nitrobenzene-d5	7.334	82	474986	60.992	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	163057	66.448	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	928830	65.372	ng	0.00
79) Terphenyl-d14	12.898	244	863556	74.668	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	63798	12.412	ng	# 76
25) Isophorone	7.334	82	475060	32.174	ng	# 65
50) Dimethylphthalate	9.810	163	46514	2.872	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	29616	8.333	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	29616	6.686	ng	# 20
67) 4-Bromophenyl-phenylether	10.598	248	10086	2.294	ng	# 1
77) Benzidine	12.898	184	10886	3.200	ng	# 92

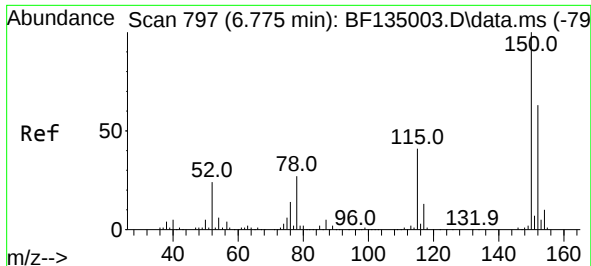
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

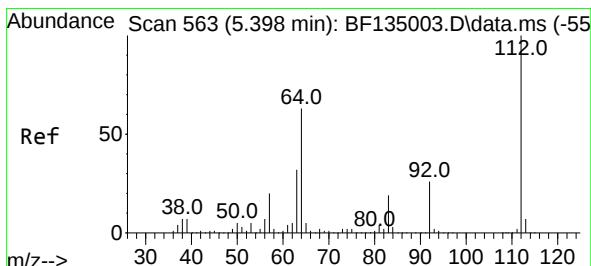
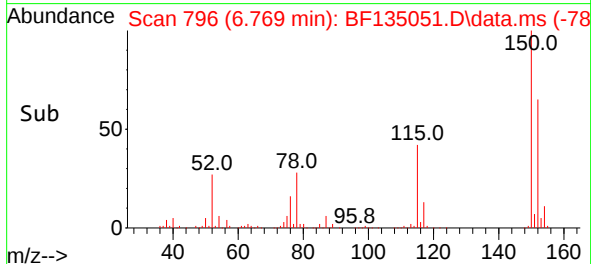
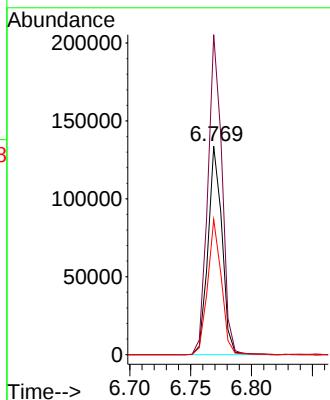
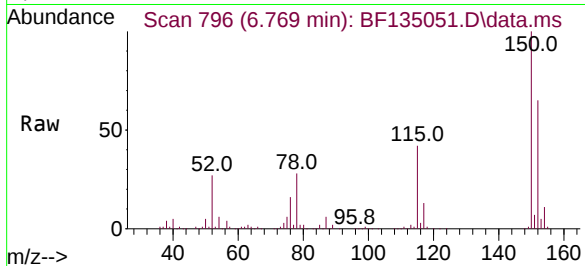




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

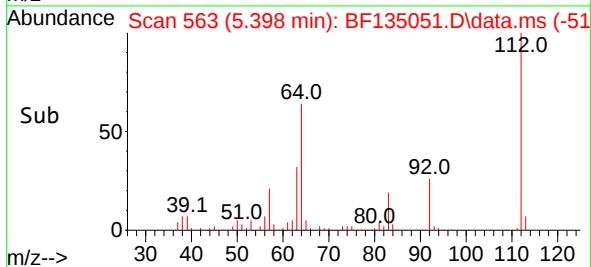
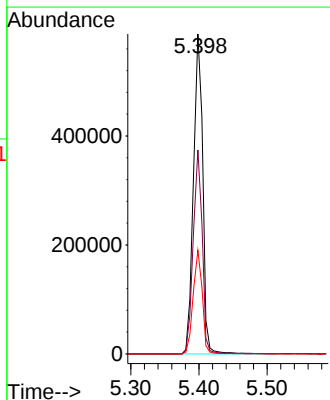
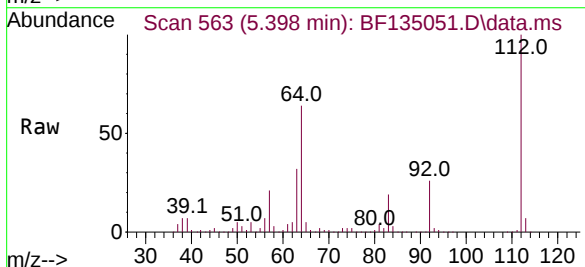
Instrument :
BNA_F
ClientSampleId :
COMP-1

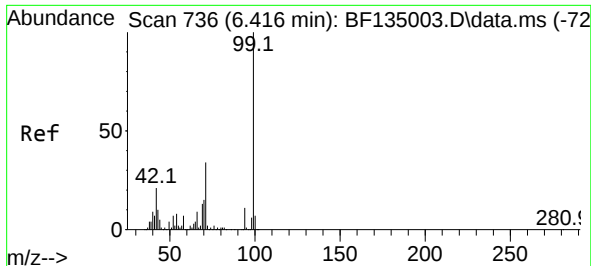
Tgt Ion:152 Resp: 107231
Ion Ratio Lower Upper
152 100
150 153.5 126.2 189.4
115 64.9 51.2 76.8



#5
2-Fluorophenol
Concen: 80.346 ng
RT: 5.398 min Scan# 563
Delta R.T. -0.000 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

Tgt Ion:112 Resp: 557782
Ion Ratio Lower Upper
112 100
64 63.7 50.5 75.7
63 32.4 25.9 38.9

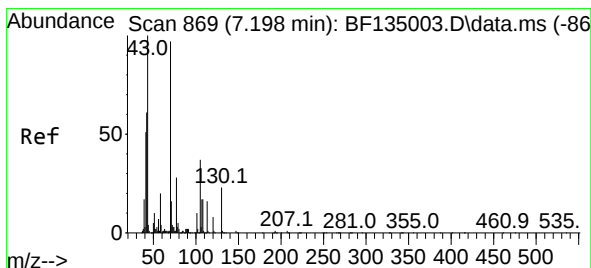
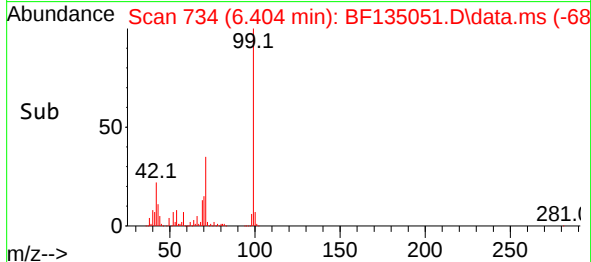
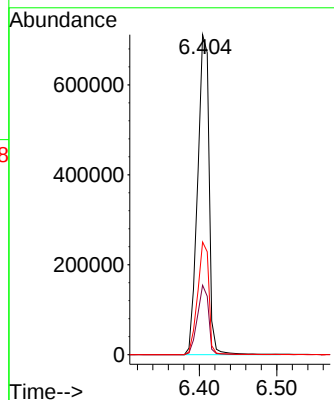
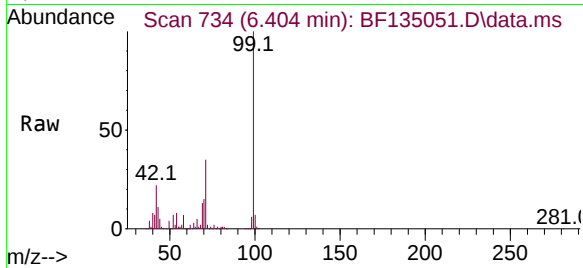




#7
Phenol-d6
Concen: 84.364 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.012 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

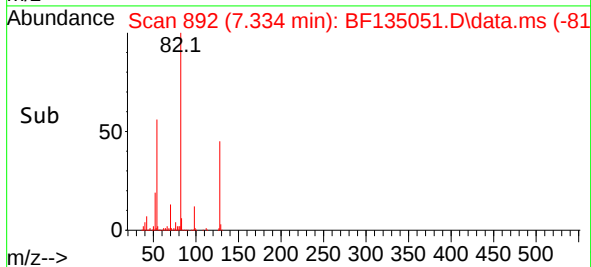
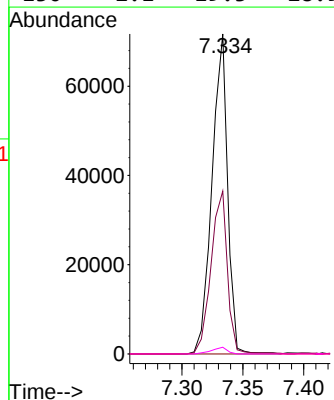
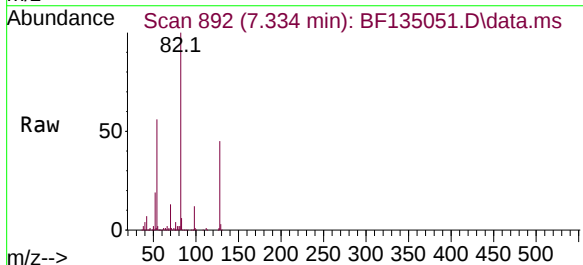
Instrument :
BNA_F
ClientSampleId :
COMP-1

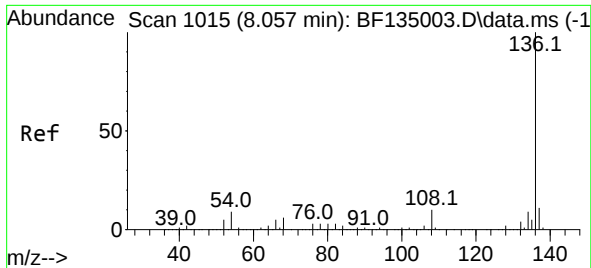
Tgt Ion: 99 Resp: 730009
Ion Ratio Lower Upper
99 100
42 21.7 16.6 25.0
71 35.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.412 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

Tgt Ion: 70 Resp: 63798
Ion Ratio Lower Upper
70 100
42 50.9 50.2 75.4
101 0.0 8.1 12.1#
130 2.1 19.3 28.9#

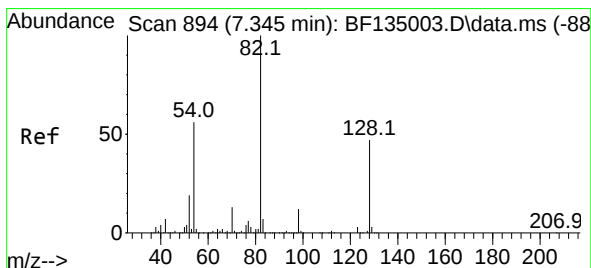
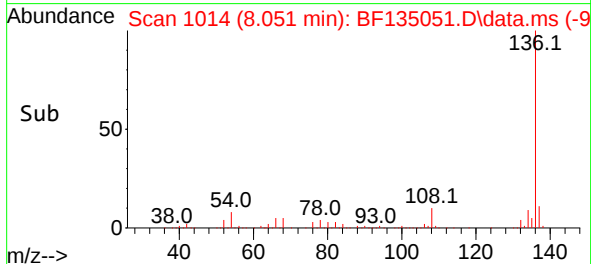
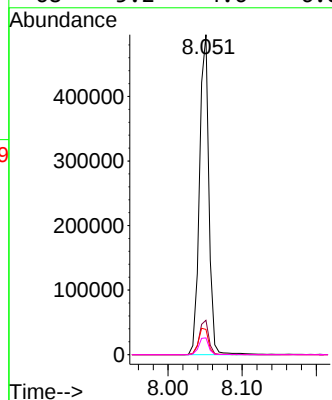
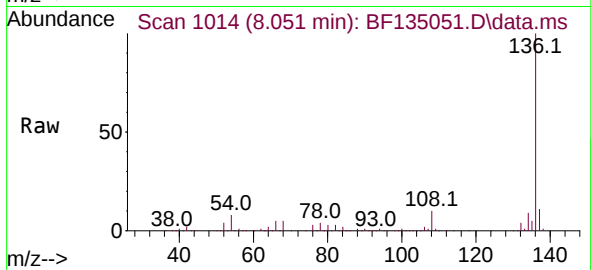




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

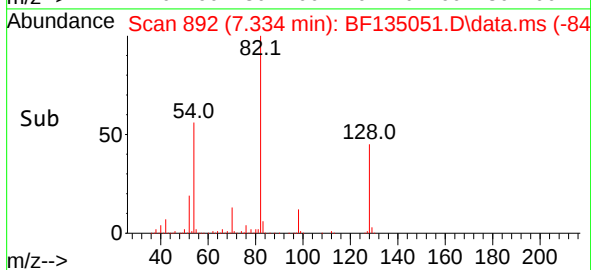
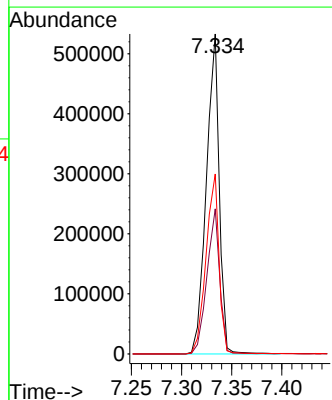
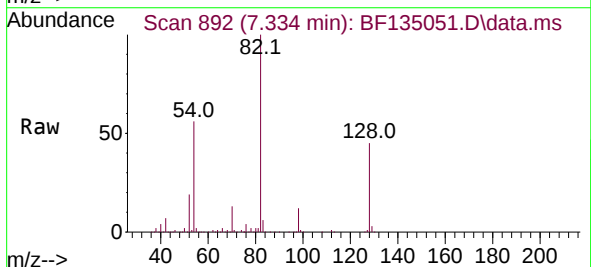
Instrument :
BNA_F
ClientSampleId :
COMP-1

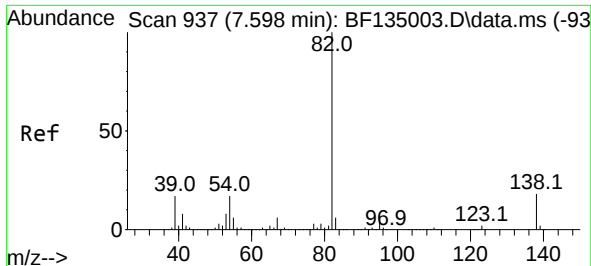
Tgt Ion:136	Resp: 437517
Ion Ratio	Lower Upper
136	100
137	10.7 8.8 13.2
54	7.9 7.0 10.4
68	5.2 4.6 6.8



#23
Nitrobenzene-d5
Concen: 60.992 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

Tgt Ion: 82	Resp: 474986
Ion Ratio	Lower Upper
82	100
128	45.3 37.8 56.8
54	56.2 45.0 67.6

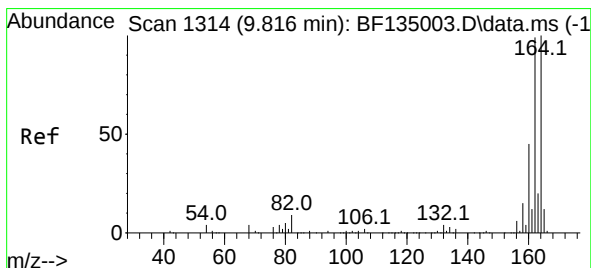
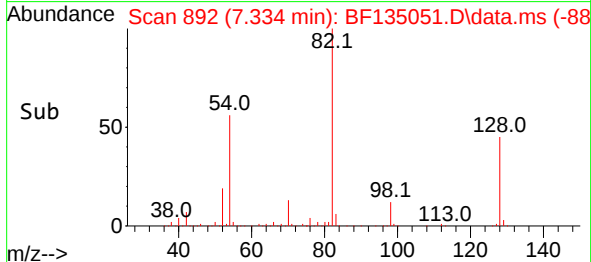
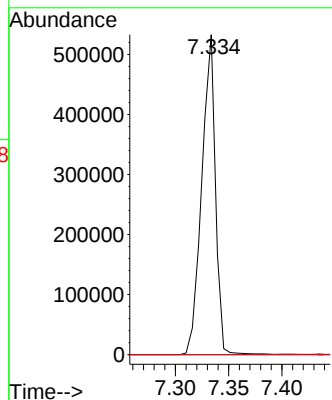
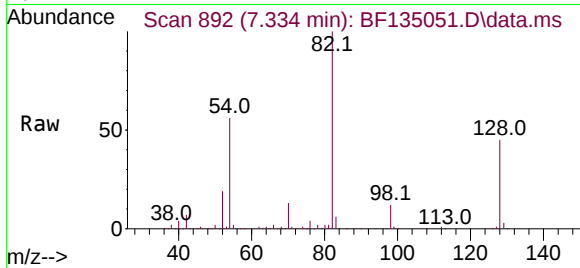




#25
Isophorone
Concen: 32.174 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

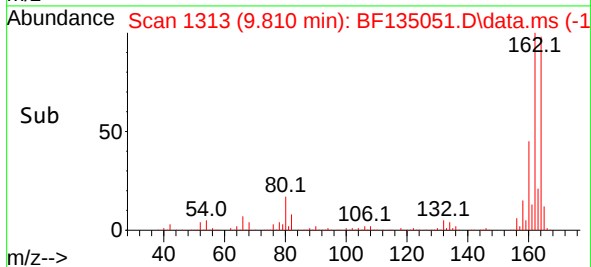
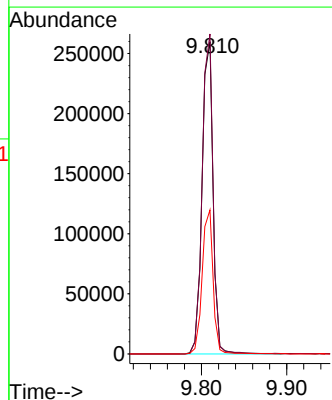
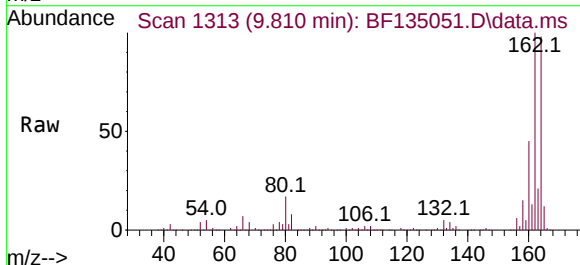
Instrument :
BNA_F
ClientSampleId :
COMP-1

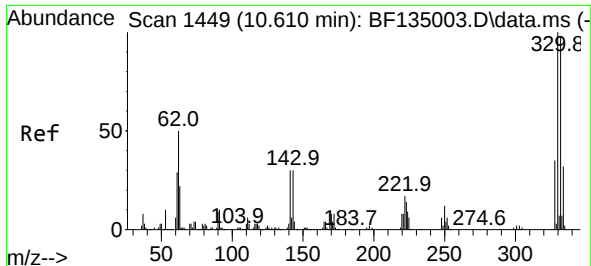
Tgt Ion: 82 Resp: 475060
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

Tgt Ion: 164 Resp: 231328
Ion Ratio Lower Upper
164 100
162 102.5 79.5 119.3
160 46.1 36.0 54.0

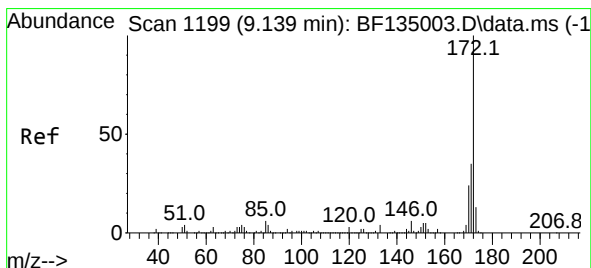
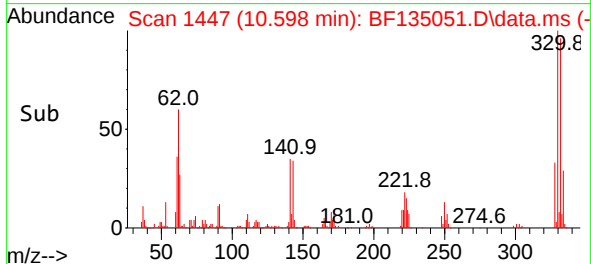
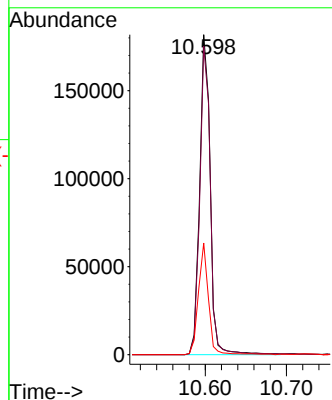
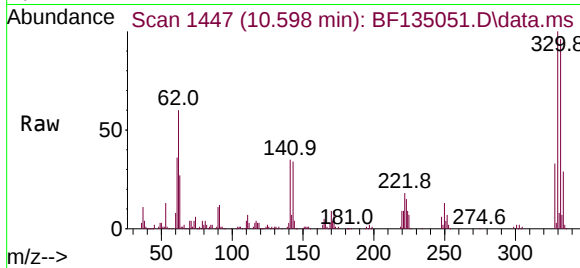




#42
 2,4,6-Tribromophenol
 Concen: 66.448 ng
 RT: 10.598 min Scan# 1447
 Delta R.T. -0.012 min
 Lab File: BF135051.D
 Acq: 31 Aug 2023 20:26

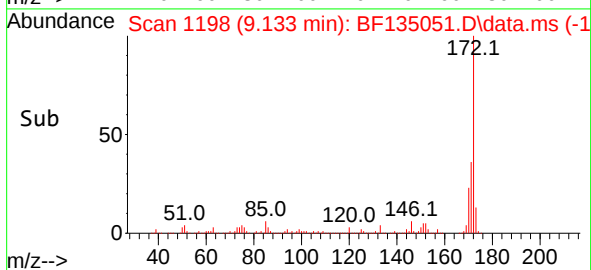
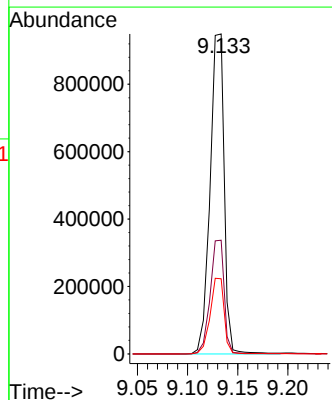
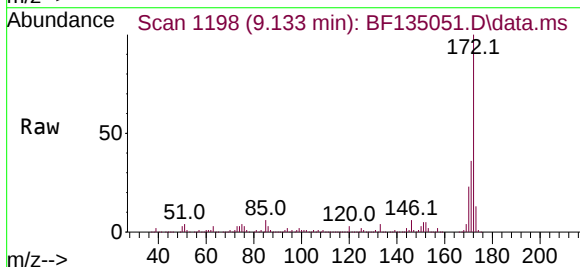
Instrument :
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 ClientSampleId :
 COMP-1

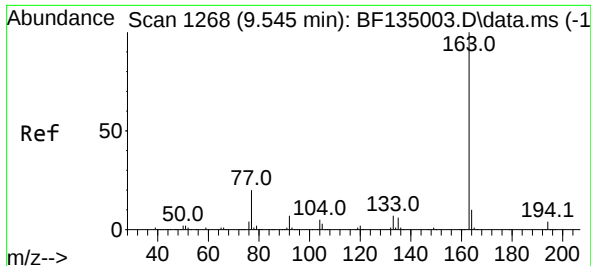
Tgt Ion: 330 Resp: 163057
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.6 116.4
 141 33.2 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 65.372 ng
 RT: 9.133 min Scan# 1198
 Delta R.T. -0.006 min
 Lab File: BF135051.D
 Acq: 31 Aug 2023 20:26

Tgt Ion: 172 Resp: 928830
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.2
 170 23.5 19.0 28.4

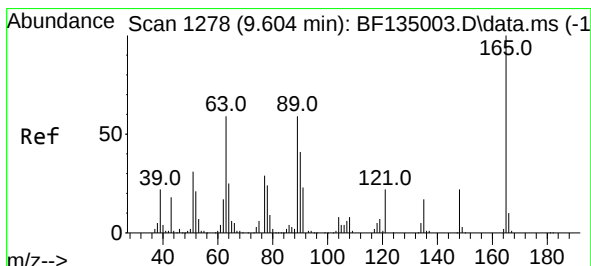
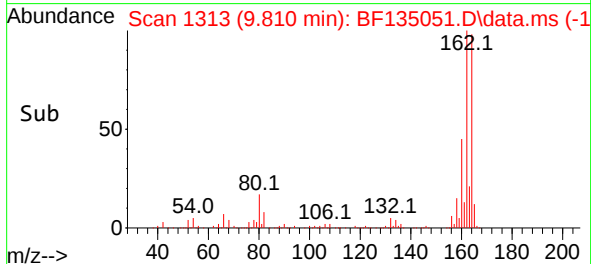
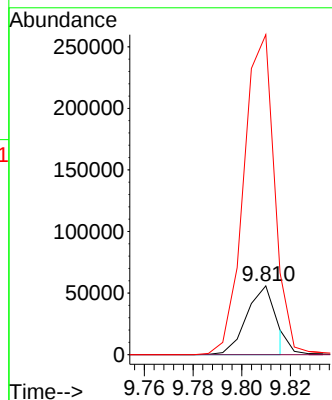
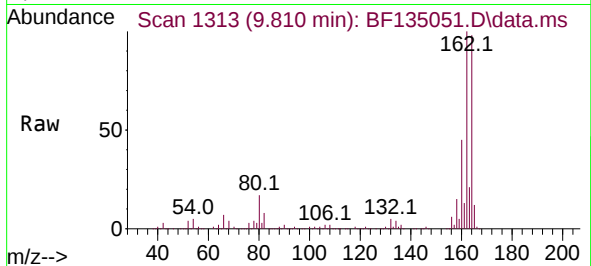




#50
Dimethylphthalate
Concen: 2.872 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.265 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

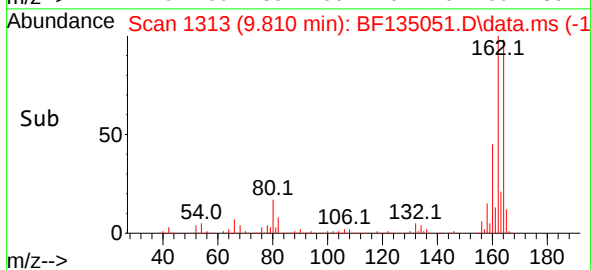
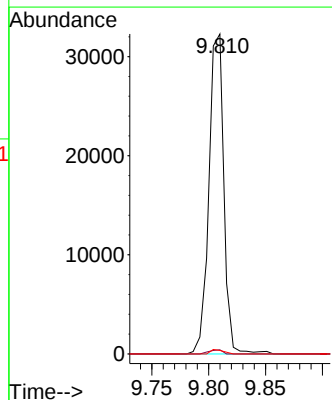
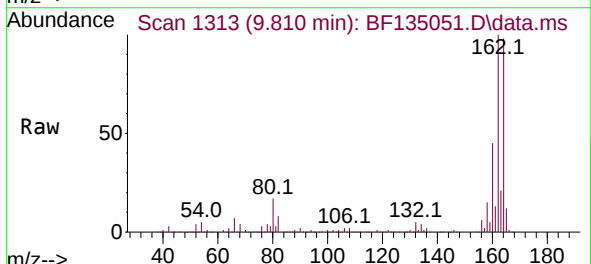
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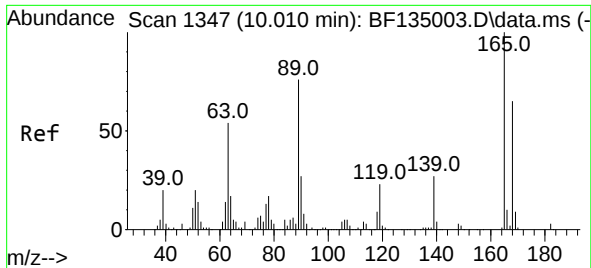
Tgt Ion:163 Resp: 46514
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 465.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.333 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

Tgt Ion:165 Resp: 29616
Ion Ratio Lower Upper
165 100
63 1.3 50.4 75.6#
89 1.1 47.1 70.7#

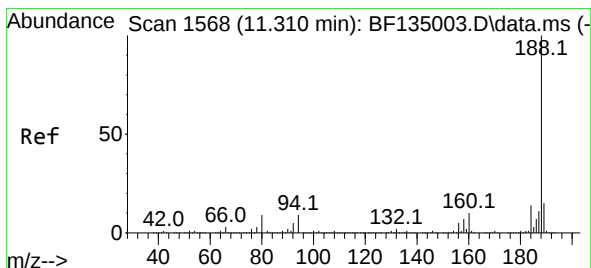
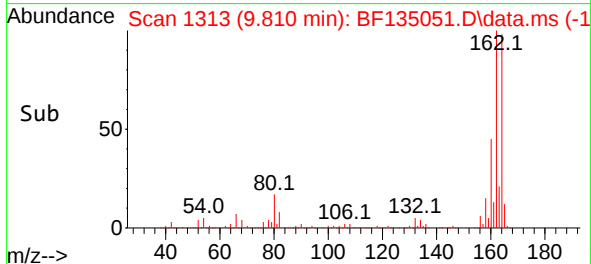
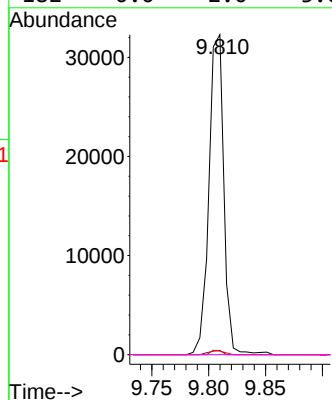
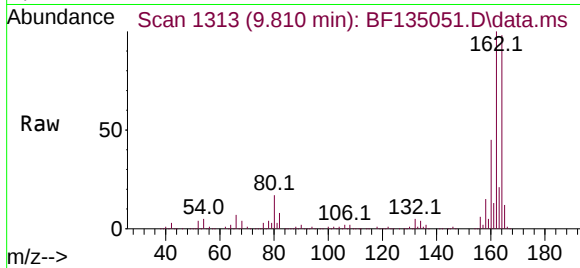




#57
2,4-Dinitrotoluene
Concen: 6.686 ng
RT: 9.810 min Scan# 1347
Delta R.T. -0.200 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

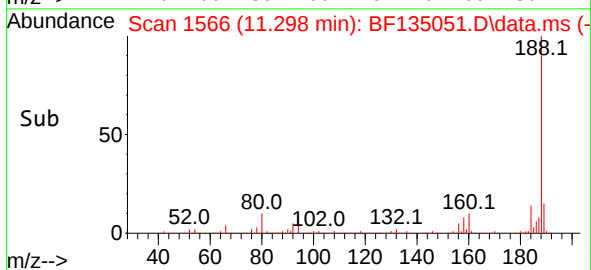
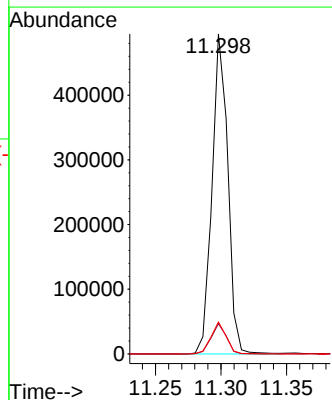
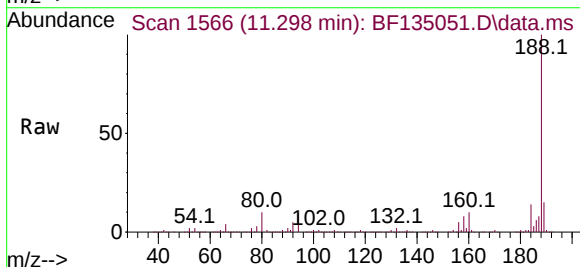
Instrument :
BNA_F
ClientSampleId :
COMP-1

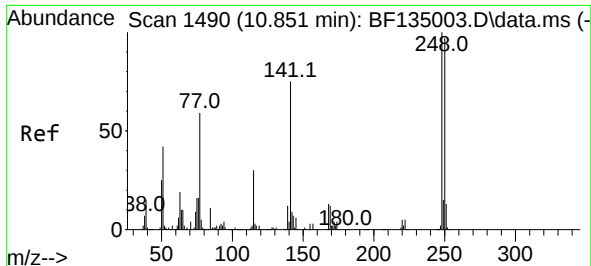
Tgt Ion:165 Resp: 29616
Ion Ratio Lower Upper
165 100
63 1.3 43.2 64.8#
89 1.1 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

Tgt Ion:188 Resp: 414463
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.0 7.4 11.2

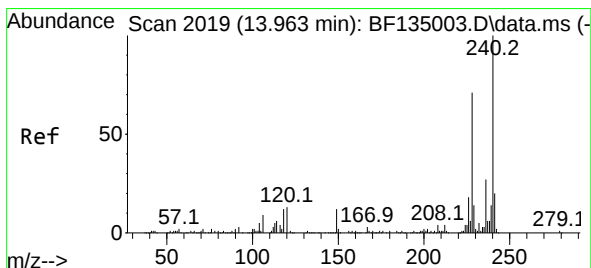
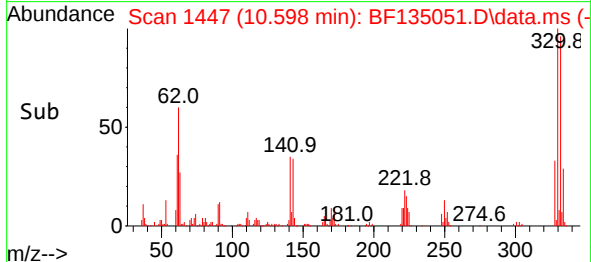
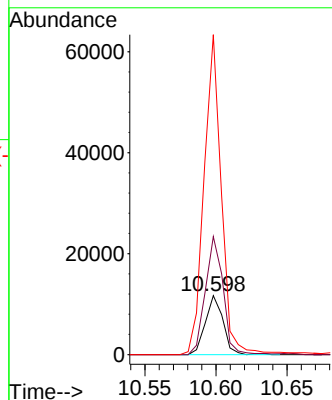
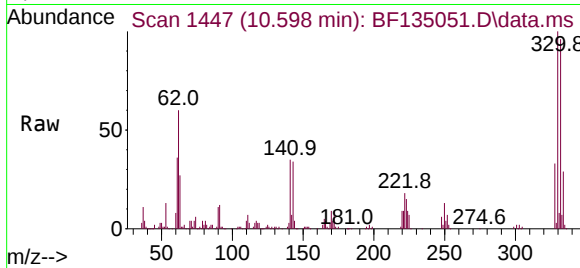




#67
4-Bromophenyl-phenylether
Concen: 2.294 ng
RT: 10.598 min Scan# 1490
Delta R.T. -0.253 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

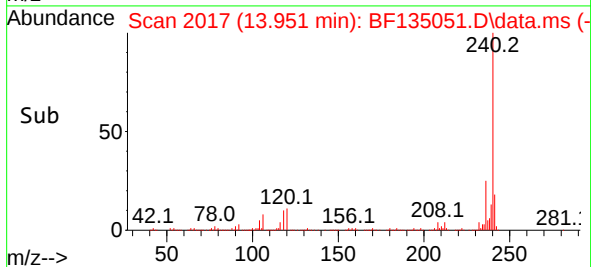
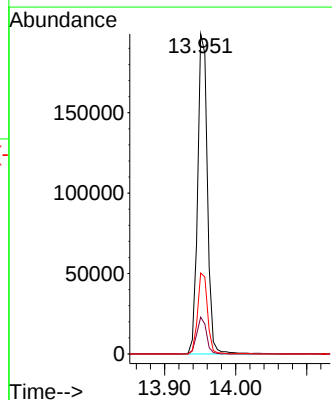
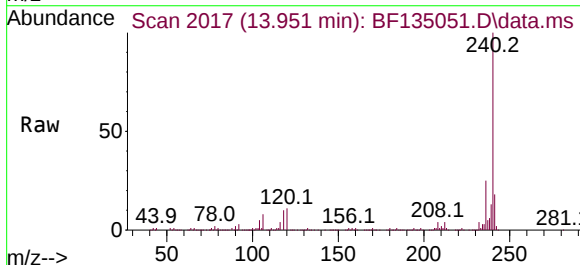
Instrument :
BNA_F
ClientSampleId :
COMP-1

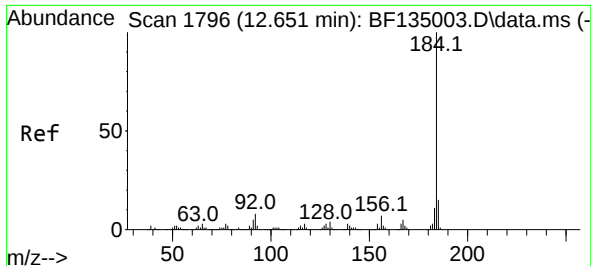
Tgt Ion:248 Resp: 10086
Ion Ratio Lower Upper
248 100
250 200.2 77.9 116.9#
141 543.0 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

Tgt Ion:240 Resp: 188733
Ion Ratio Lower Upper
240 100
120 11.5 10.2 15.2
236 25.3 21.3 31.9

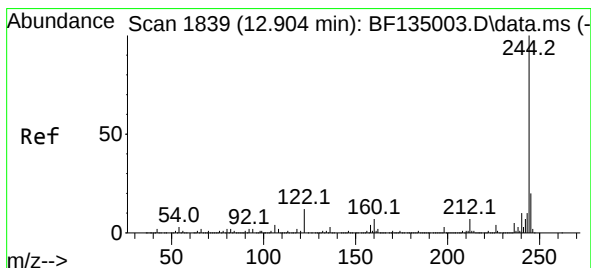
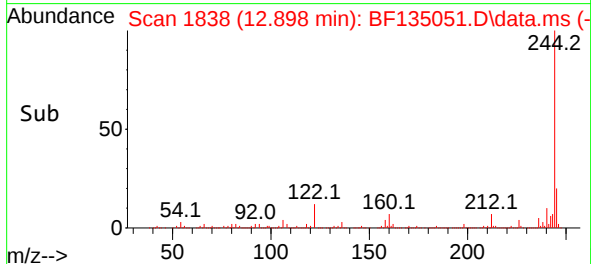
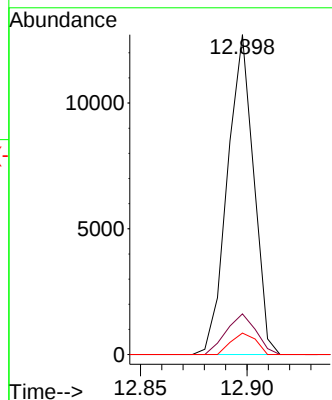
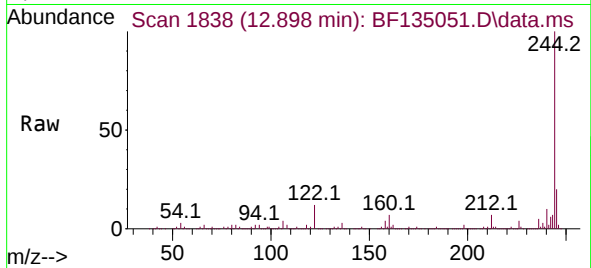




#77
Benzidine
Concen: 3.200 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.247 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

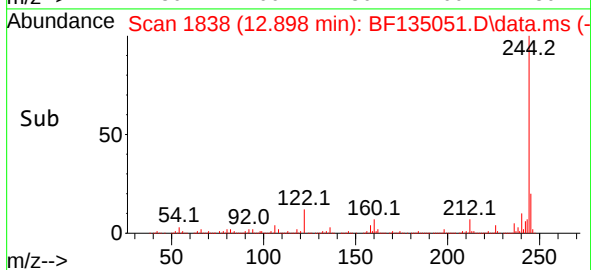
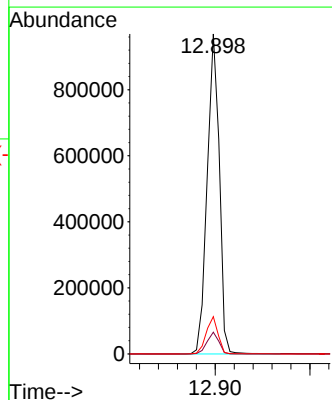
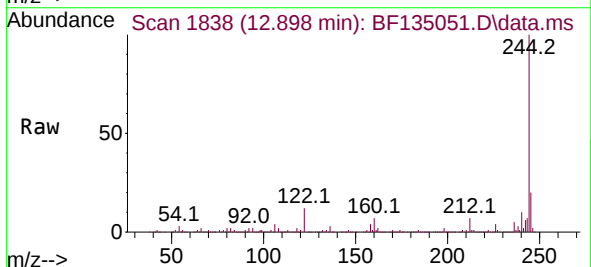
Instrument :
BNA_F
ClientSampleId :
COMP-1

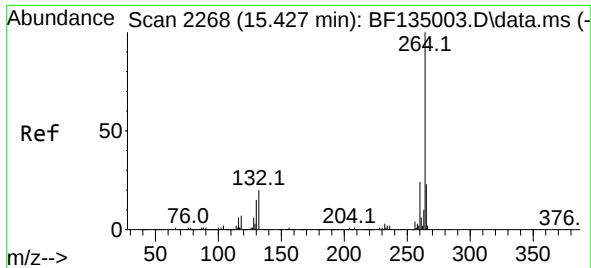
Tgt Ion:184 Resp: 10886
Ion Ratio Lower Upper
184 100
185 12.7 12.0 18.0
183 6.7 9.0 13.6#



#79
Terphenyl-d14
Concen: 74.668 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

Tgt Ion:244 Resp: 863556
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 11.6 9.8 14.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:264 Resp: 220263
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 21.0 18.2 27.2

