

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135023.D
 Acq On : 31 Aug 2023 01:21
 Operator : CG\JU
 Sample : 04196-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-345-COMP-04

Quant Time: Aug 31 05:59:57 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)

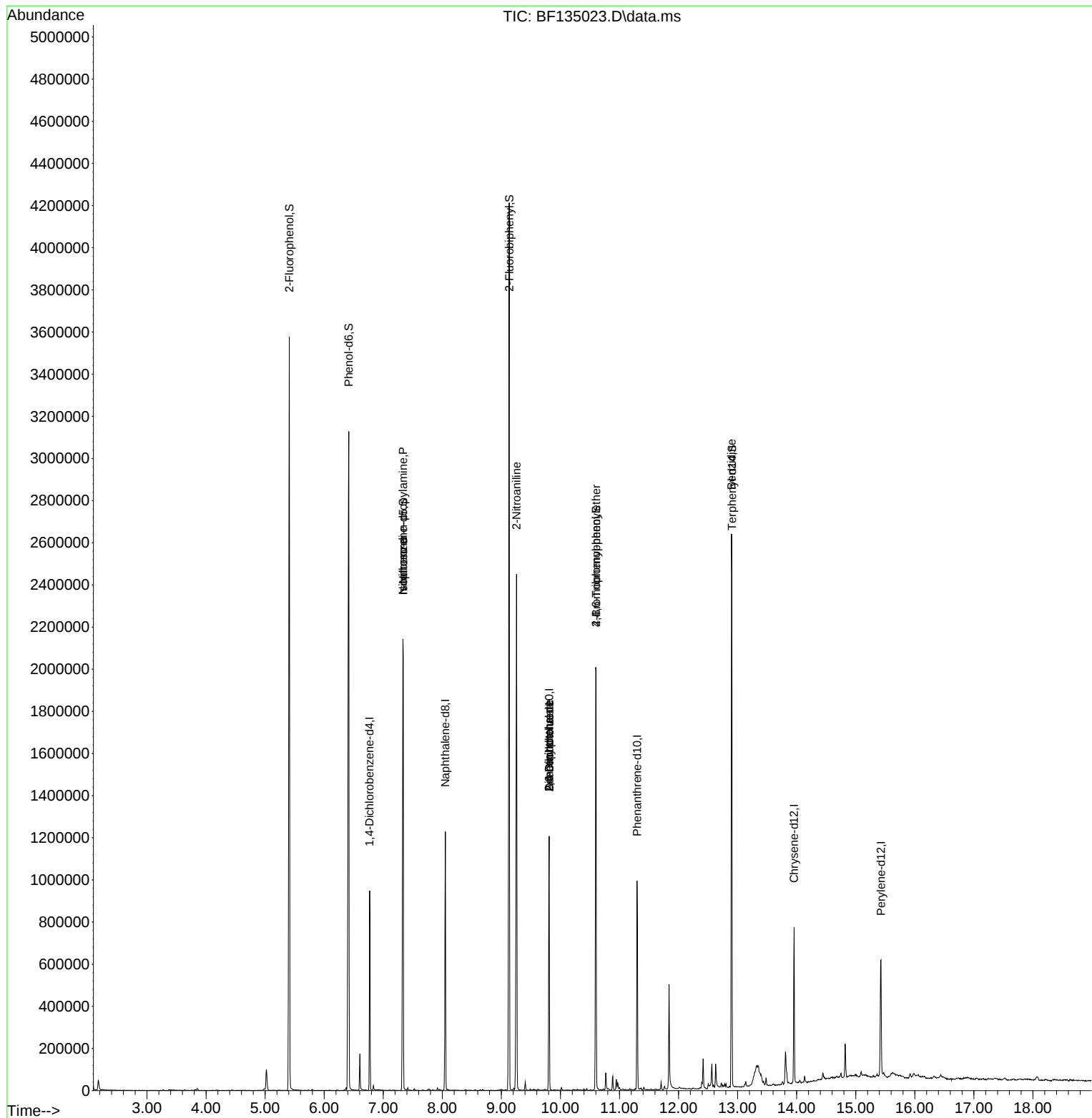
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	128726	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	512863	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	235986	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	344551	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	231960	20.000	ng	0.00
86) Perylene-d12	15.427	264	258584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1002493	120.292	ng	0.01
7) Phenol-d6	6.416	99	1211247	116.605	ng	0.00
23) Nitrobenzene-d5	7.333	82	772047	84.573	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	257411	102.828	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1279409	88.269	ng	0.00
79) Terphenyl-d14	12.904	244	959502	67.503	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.333	70	103568	16.785	ng	# 79
25) Isophorone	7.333	82	770772	44.533	ng	# 65
48) 2-Nitroaniline	9.257	65	25760	5.550	ng	# 9
50) Dimethylphthalate	9.810	163	49545	2.998	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	30497	8.411	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	30497	6.749	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	16059	4.394	ng	# 1
77) Benzidine	12.898	184	12050	2.882	ng	# 94

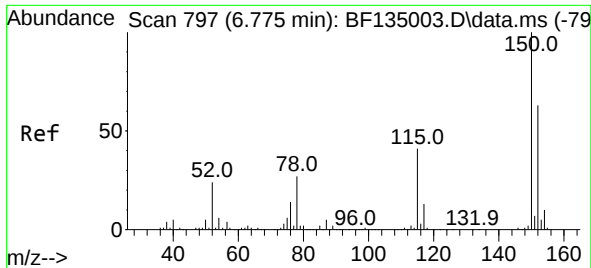
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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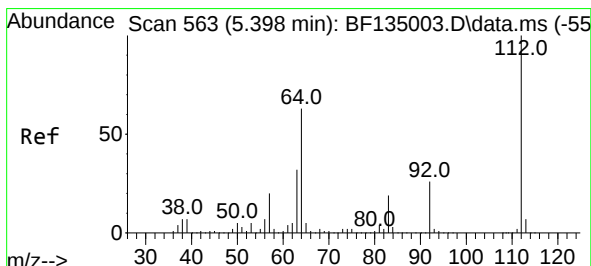
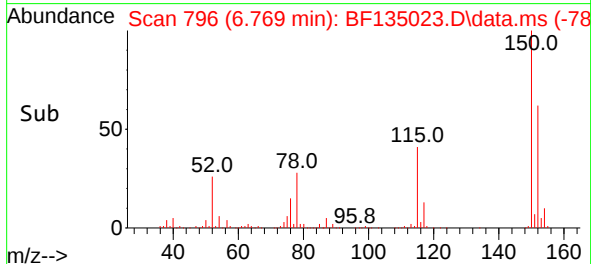
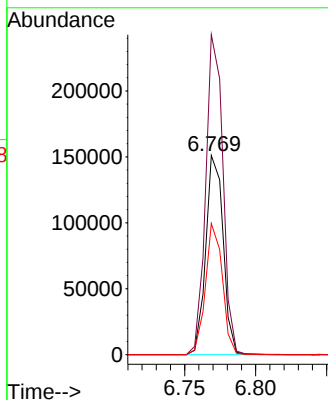
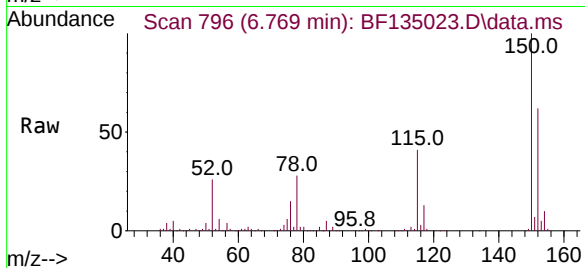




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

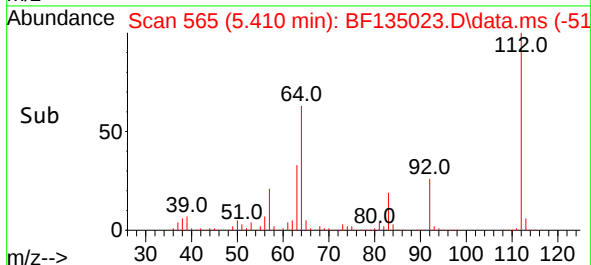
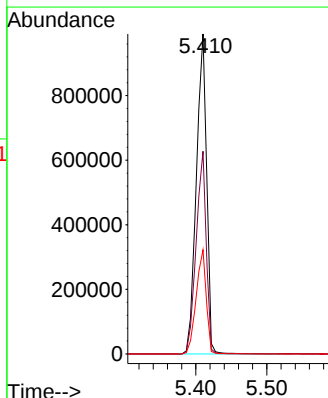
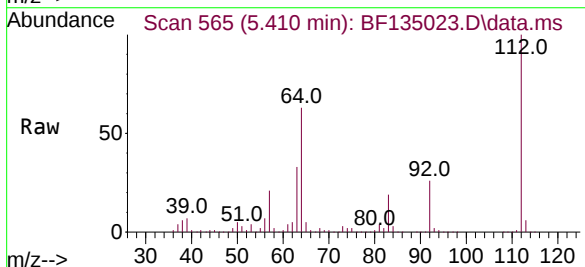
Instrument :
BNA_F
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OR-345-COMP-04

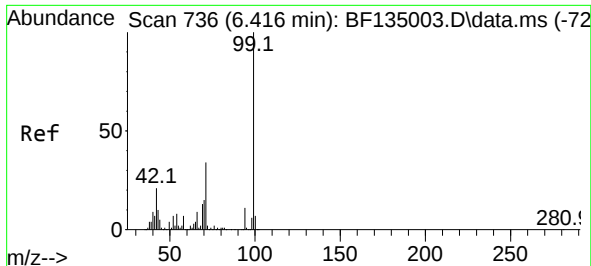
Tgt Ion:152 Resp: 128726
Ion Ratio Lower Upper
152 100
150 160.7 126.2 189.4
115 65.9 51.2 76.8



#5
2-Fluorophenol
Concen: 120.292 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

Tgt Ion:112 Resp: 1002493
Ion Ratio Lower Upper
112 100
64 63.4 50.5 75.7
63 32.6 25.9 38.9

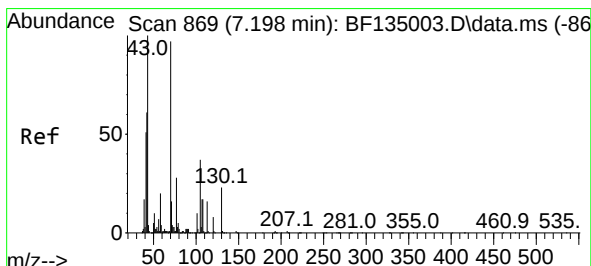
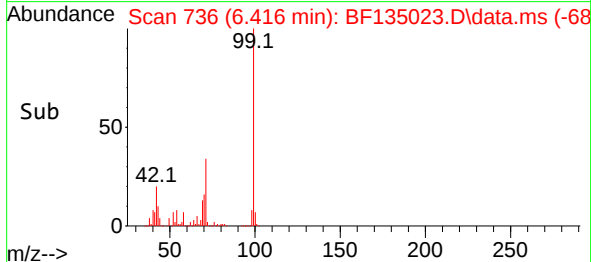
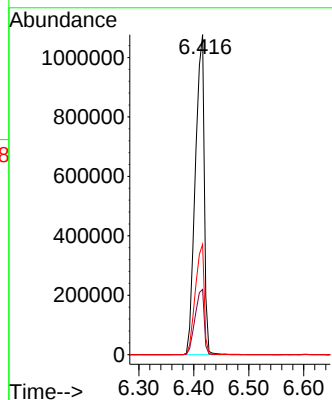
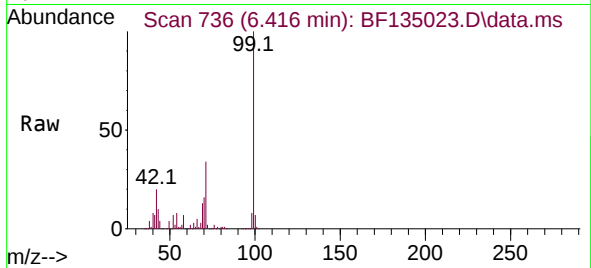




#7
Phenol-d6
Concen: 116.605 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

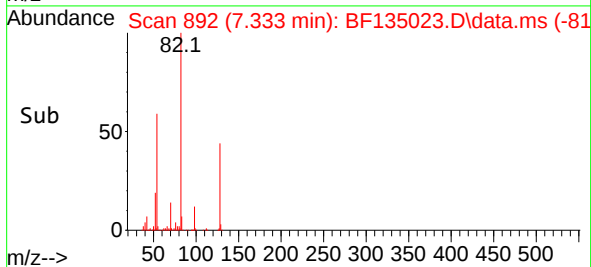
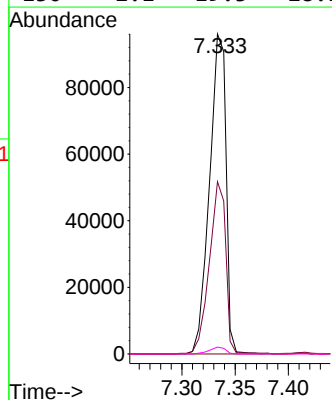
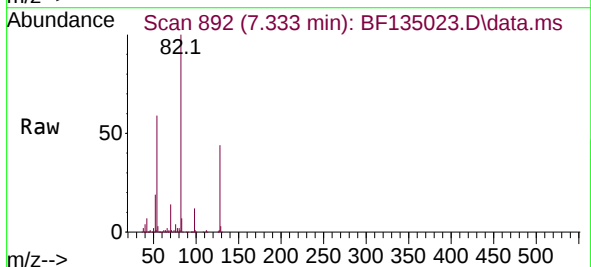
Instrument :
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ClientSampleId :
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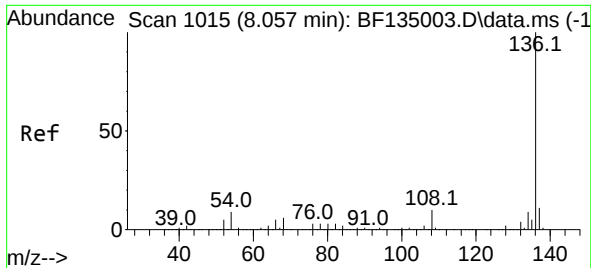
Tgt Ion: 99 Resp: 1211247
Ion Ratio Lower Upper
99 100
42 20.4 16.6 25.0
71 34.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.785 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

Tgt Ion: 70 Resp: 103568
Ion Ratio Lower Upper
70 100
42 53.9 50.2 75.4
101 0.0 8.1 12.1#
130 2.1 19.3 28.9#

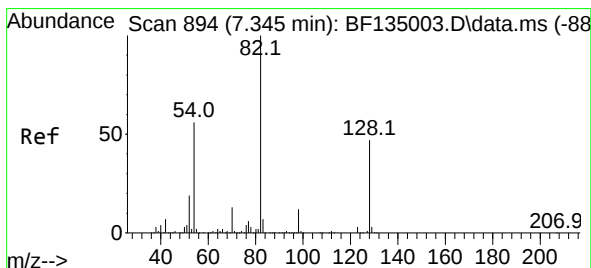
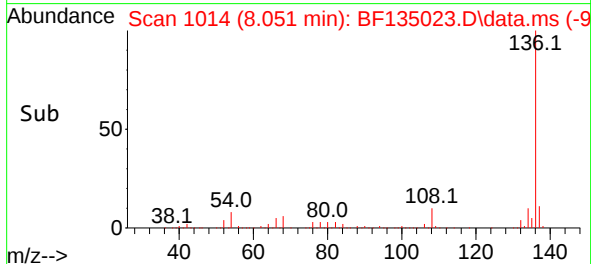
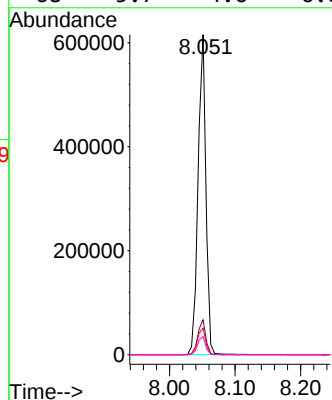
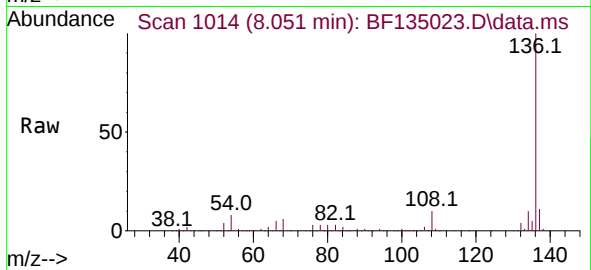




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

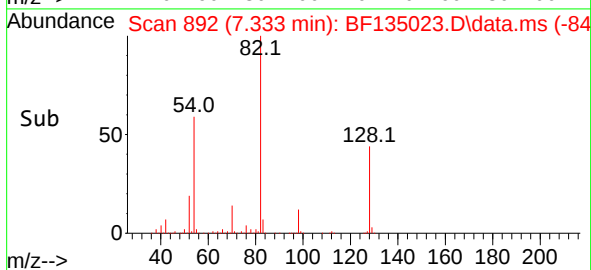
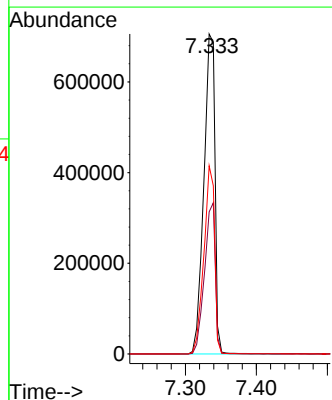
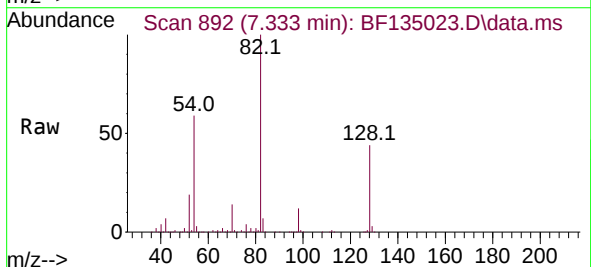
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-04

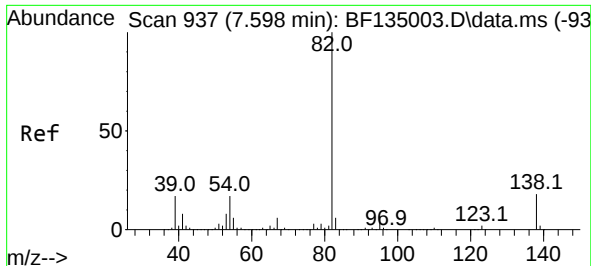
Tgt Ion:136 Resp: 512863
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.3 7.0 10.4
68 5.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 84.573 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

Tgt Ion: 82 Resp: 772047
Ion Ratio Lower Upper
82 100
128 44.4 37.8 56.8
54 58.8 45.0 67.6

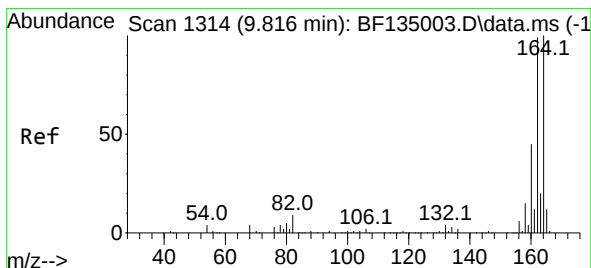
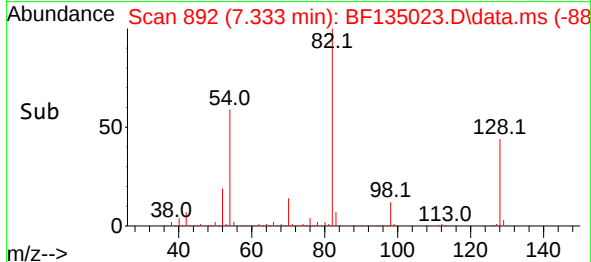
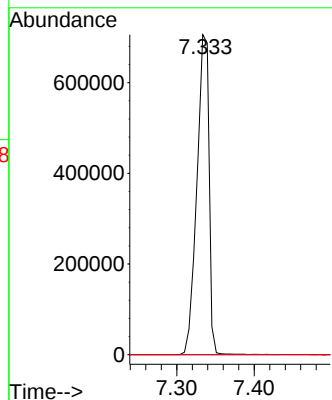
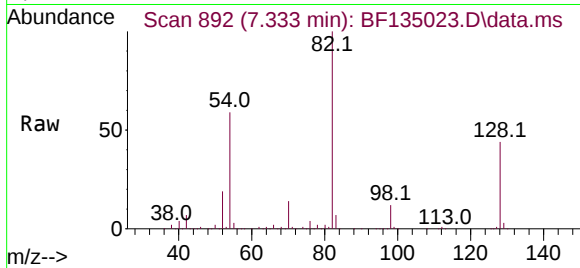




#25
Isophorone
Concen: 44.533 ng
RT: 7.333 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

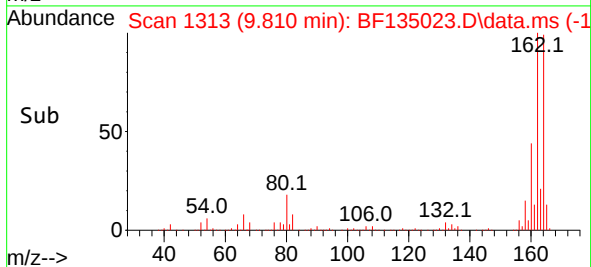
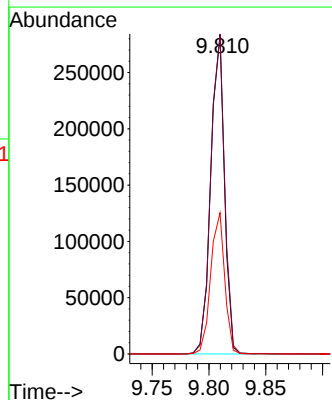
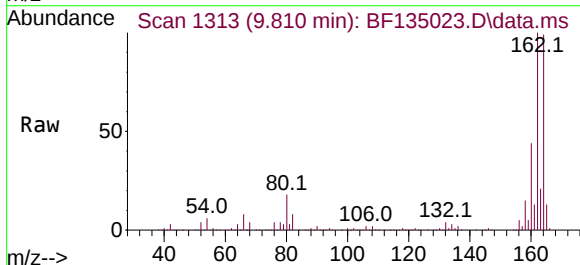
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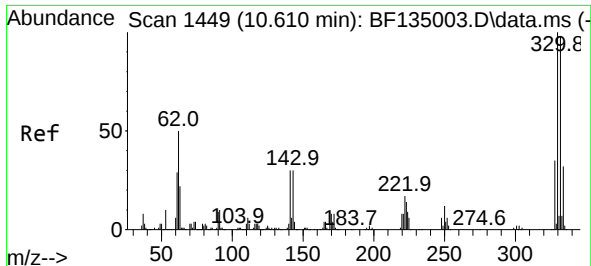
Tgt Ion: 82 Resp: 770772
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

Tgt Ion: 164 Resp: 235986
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 44.4 36.0 54.0

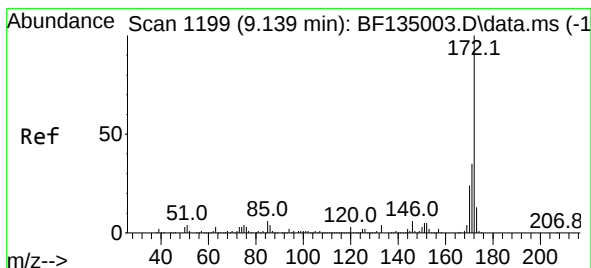
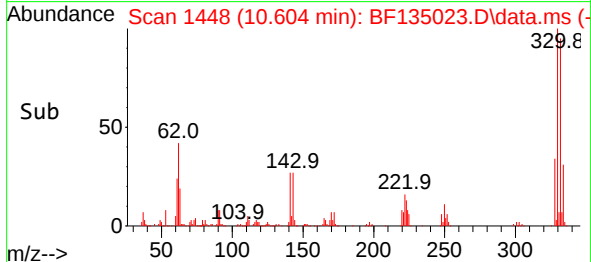
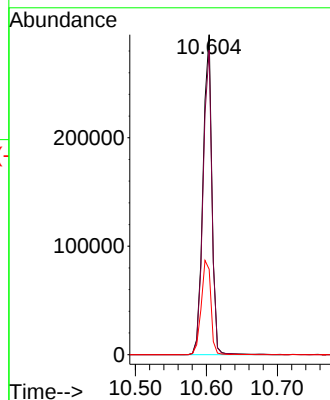
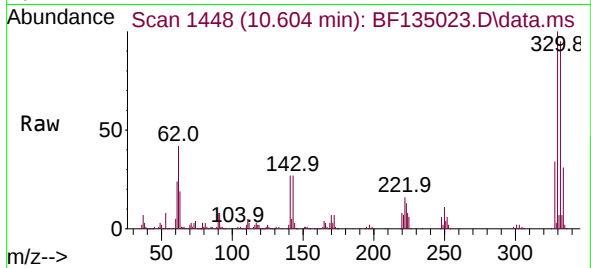




#42
2,4,6-Tribromophenol
Concen: 102.828 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

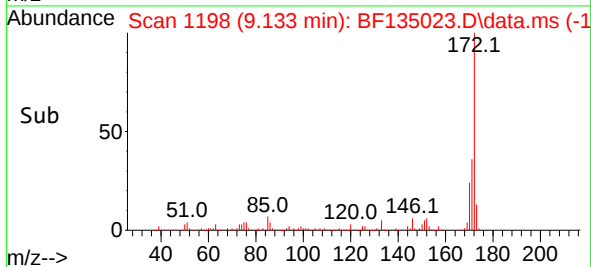
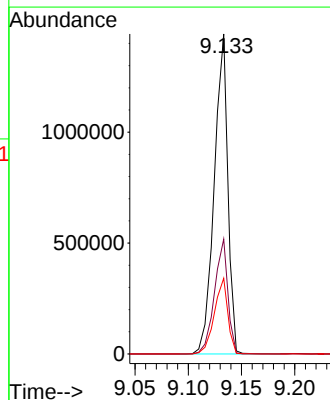
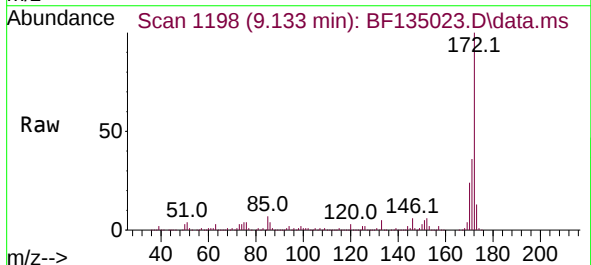
Instrument :
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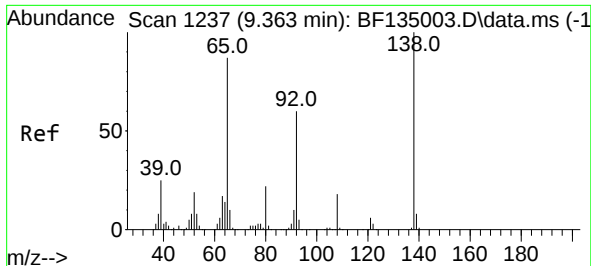
Tgt Ion:330 Resp: 257411
Ion Ratio Lower Upper
330 100
332 95.0 77.6 116.4
141 31.9 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 88.269 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

Tgt Ion:172 Resp: 1279409
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 23.6 19.0 28.4

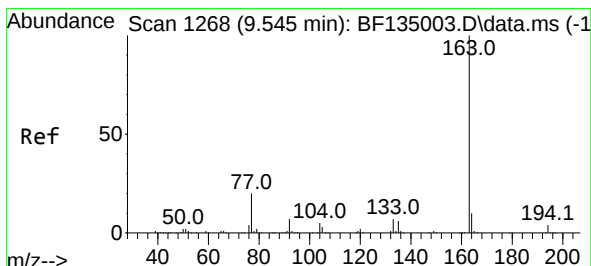
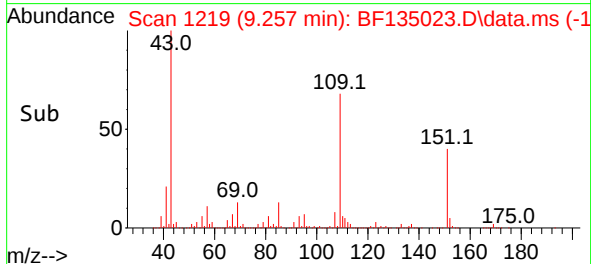
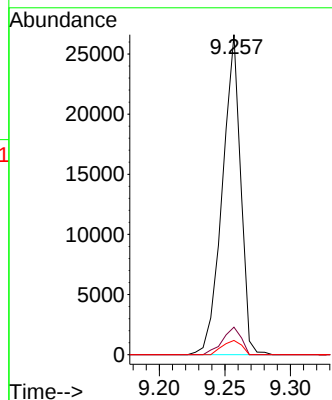
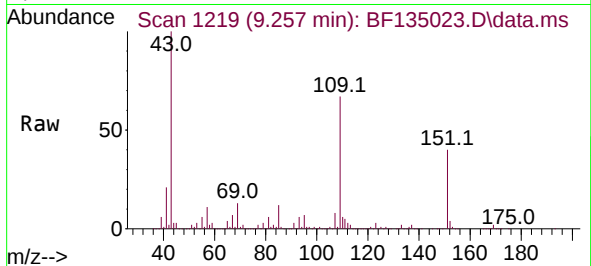




#48
2-Nitroaniline
Concen: 5.550 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

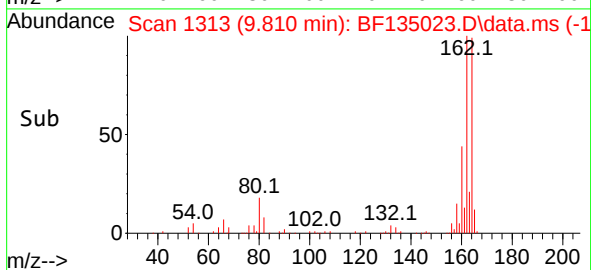
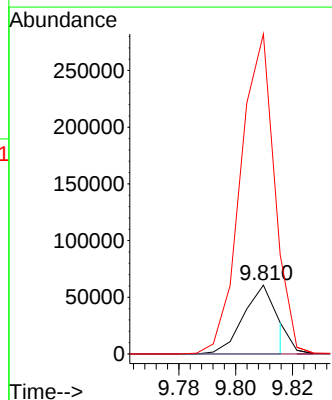
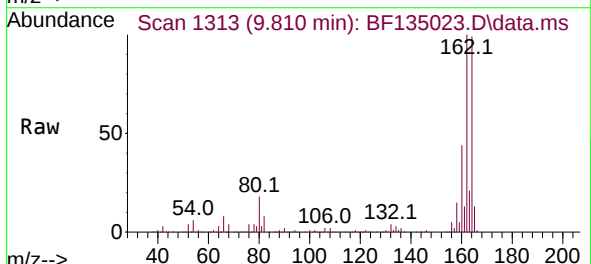
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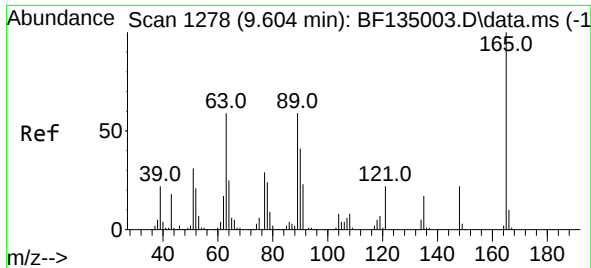
Tgt Ion: 65 Resp: 25760
Ion Ratio Lower Upper
65 100
92 8.6 54.9 82.3#
138 4.5 91.6 137.4#



#50
Dimethylphthalate
Concen: 2.998 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.265 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

Tgt Ion:163 Resp: 49545
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 465.4 8.1 12.1#

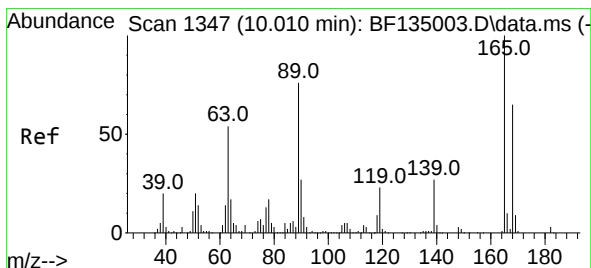
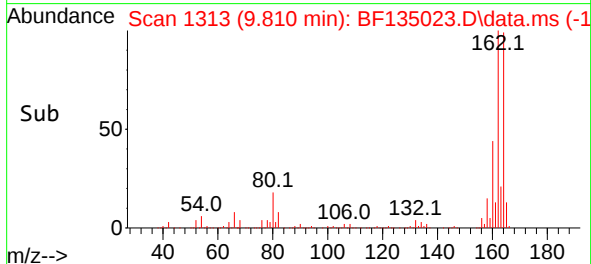
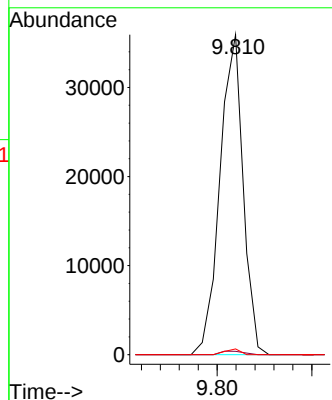
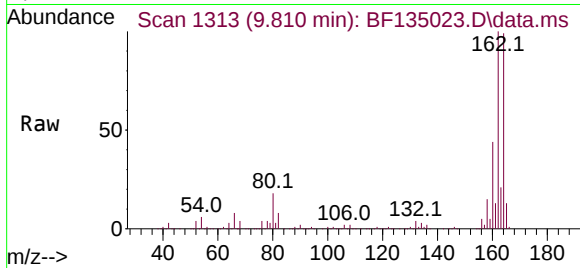




#51
2,6-Dinitrotoluene
Concen: 8.411 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

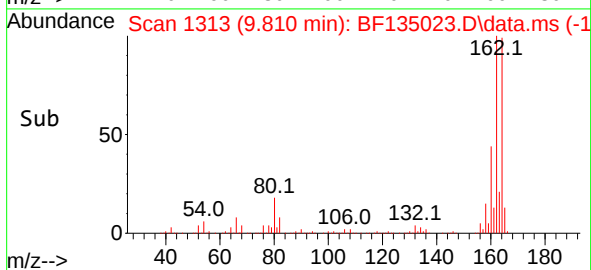
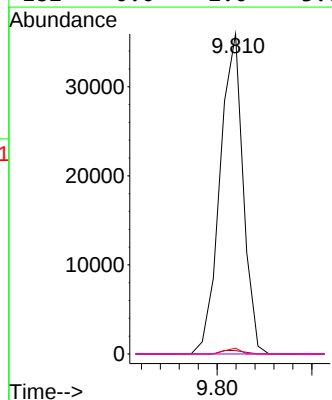
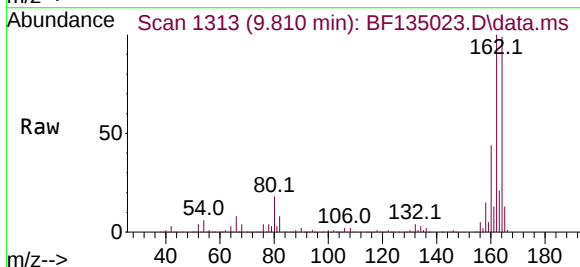
Instrument :
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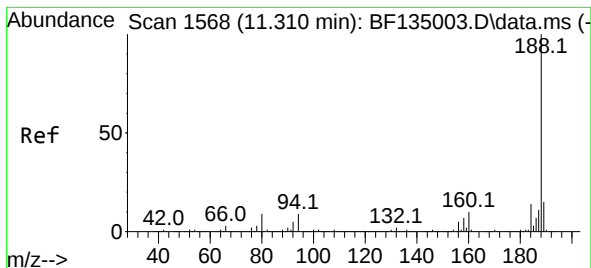
Tgt Ion:165 Resp: 30497
Ion Ratio Lower Upper
165 100
63 1.1 50.4 75.6#
89 1.8 47.1 70.7#



#57
2,4-Dinitrotoluene
Concen: 6.749 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.200 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

Tgt Ion:165 Resp: 30497
Ion Ratio Lower Upper
165 100
63 1.1 43.2 64.8#
89 1.8 60.8 91.2#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135023.D

Acq: 31 Aug 2023 01:21

Instrument :

BNA_F

ClientSampleId :

OR-345-COMP-04

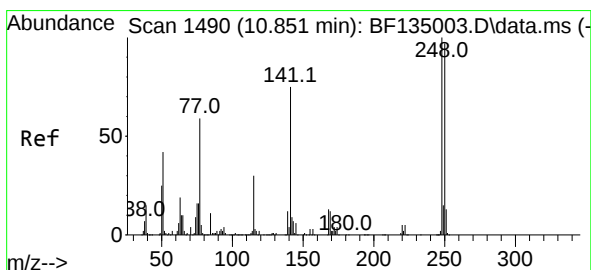
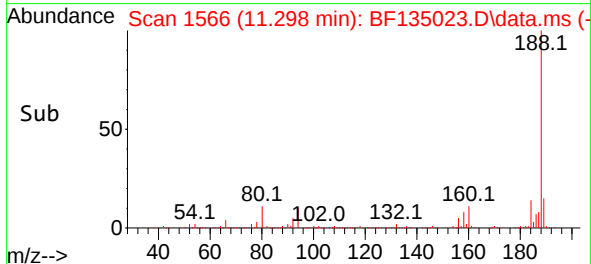
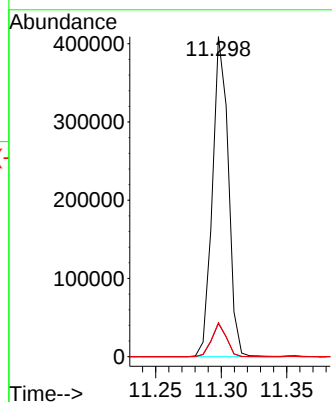
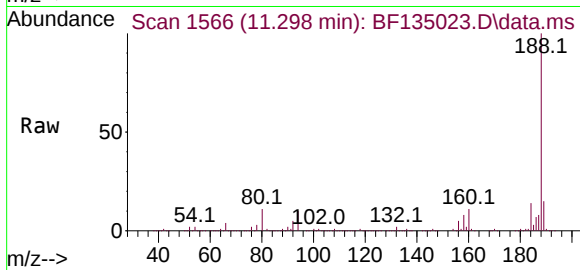
Tgt Ion:188 Resp: 344551

Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.4

80 10.7 7.4 11.2



#67

4-Bromophenyl-phenylether

Concen: 4.394 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.247 min

Lab File: BF135023.D

Acq: 31 Aug 2023 01:21

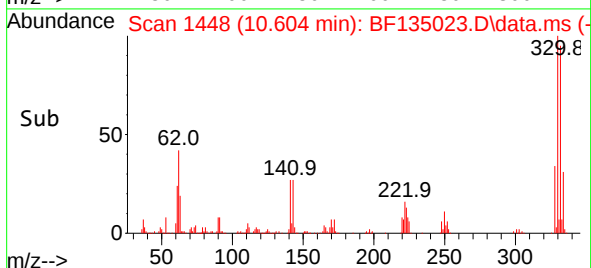
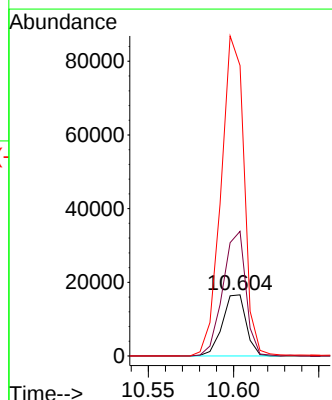
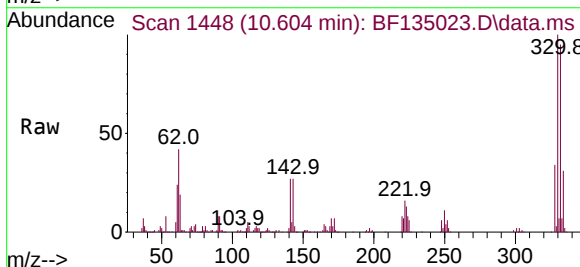
Tgt Ion:248 Resp: 16059

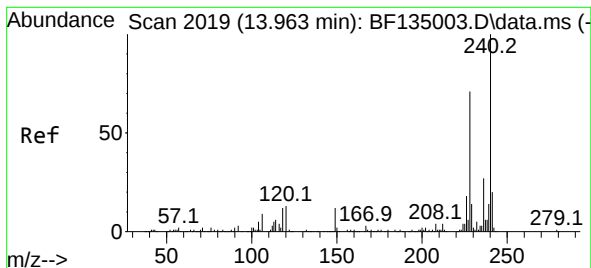
Ion Ratio Lower Upper

248 100

250 204.1 77.9 116.9#

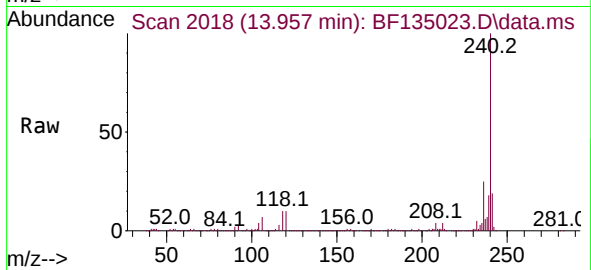
141 475.3 59.8 89.8#



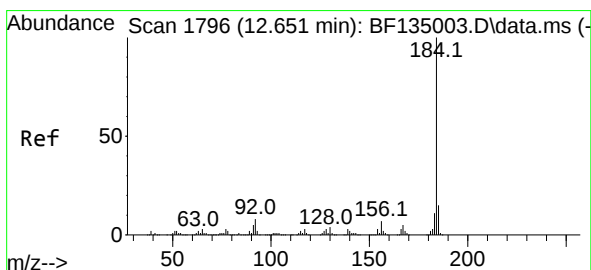
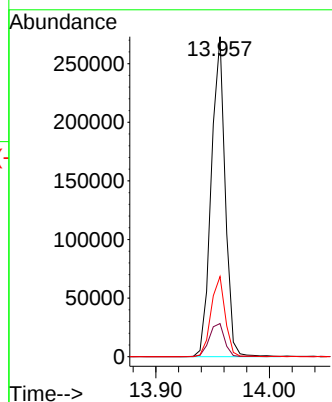
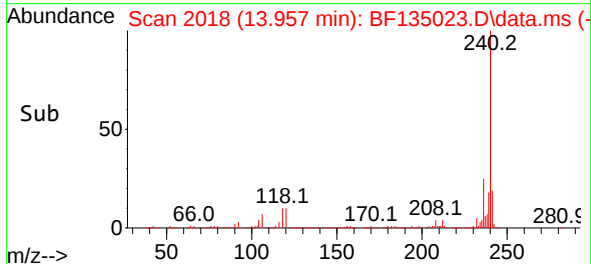


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

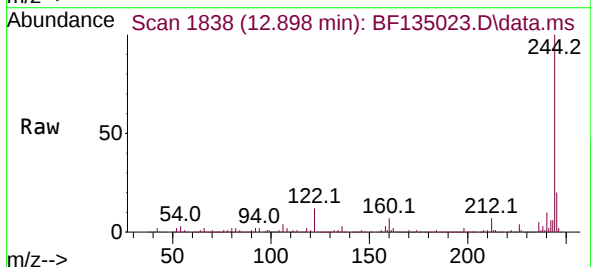
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-04



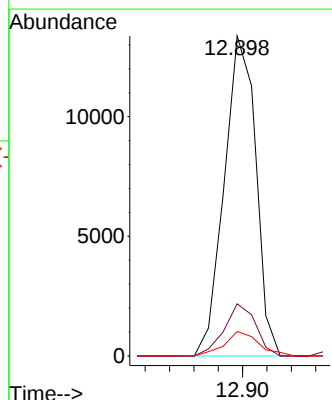
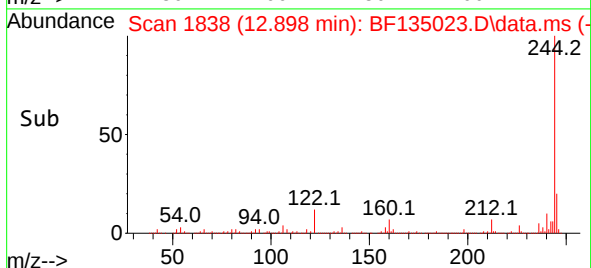
Tgt Ion:240 Resp: 231960
Ion Ratio Lower Upper
240 100
120 10.3 10.2 15.2
236 25.0 21.3 31.9

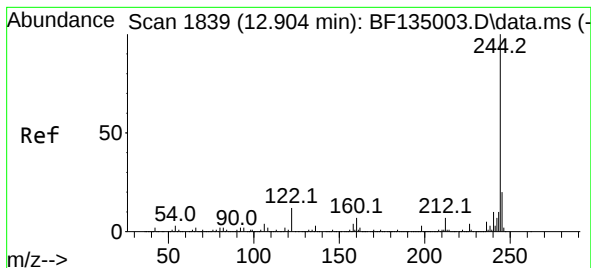


#77
Benzidine
Concen: 2.882 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.247 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21



Tgt Ion:184 Resp: 12050
Ion Ratio Lower Upper
184 100
185 16.3 12.0 18.0
183 7.6 9.0 13.6#





#79

Terphenyl-d14

Concen: 67.503 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.000 min

Lab File: BF135023.D

Acq: 31 Aug 2023 01:21

Instrument :

BNA_F

ClientSampleId :

OR-345-COMP-04

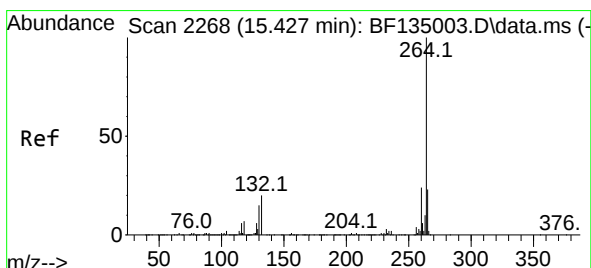
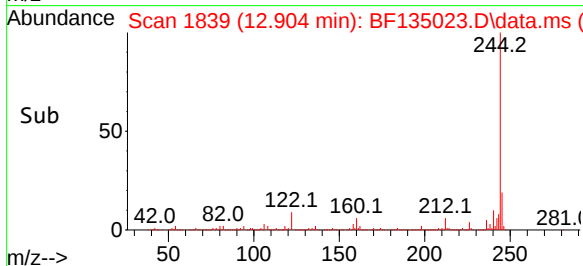
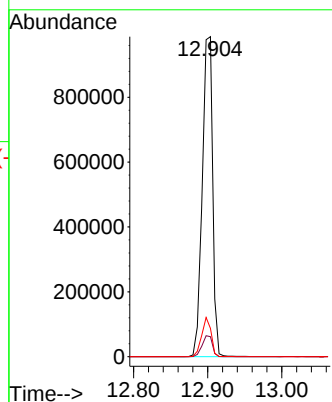
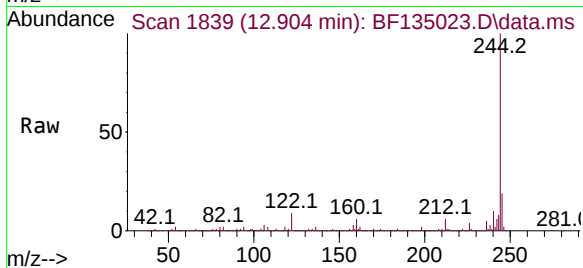
Tgt Ion:244 Resp: 959502

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

122 8.8 9.8 14.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2268

Delta R.T. -0.000 min

Lab File: BF135023.D

Acq: 31 Aug 2023 01:21

Tgt Ion:264 Resp: 258584

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.6 18.2 27.2

