

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135018.D
 Acq On : 30 Aug 2023 22:39
 Operator : CG\JU
 Sample : 04197-22
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-23

Quant Time: Aug 31 05:58:17 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)

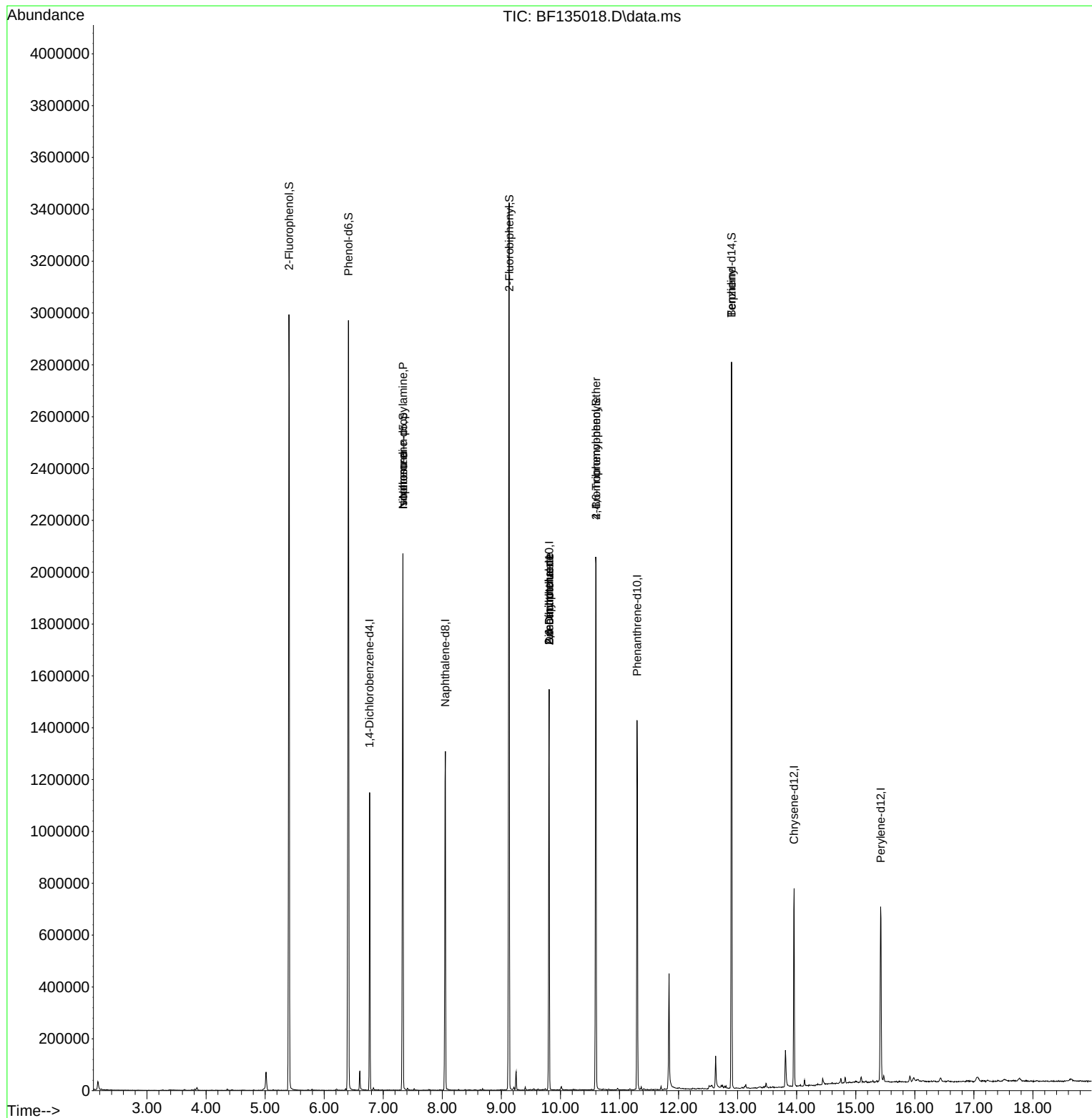
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	151890	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	614320	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	306449	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	507903	20.000	ng	#-0.01
76) Chrysene-d12	13.957	240	256623	20.000	ng	0.00
86) Perylene-d12	15.421	264	310970	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	883894	89.886	ng	0.00
7) Phenol-d6	6.410	99	1076806	87.854	ng	0.00
23) Nitrobenzene-d5	7.333	82	669251	61.204	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	263865	81.170	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1188530	63.144	ng	0.00
79) Terphenyl-d14	12.898	244	984938	62.634	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.333	70	88571	12.166	ng	# 77
25) Isophorone	7.333	82	667386	32.191	ng	# 65
50) Dimethylphthalate	9.810	163	63831	2.975	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	38355	8.146	ng	# 21
57) 2,4-Dinitrotoluene	9.810	165	38355	6.537	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	16726	3.105	ng	# 1
77) Benzidine	12.898	184	12953	2.800	ng	# 92

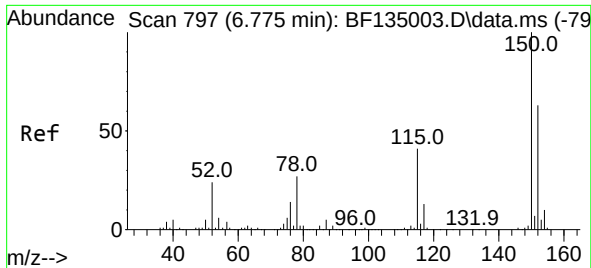
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135018.D
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Response via : Initial Calibration

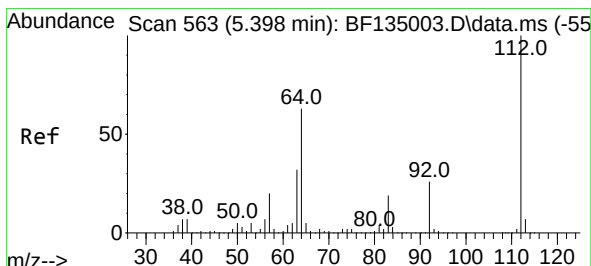
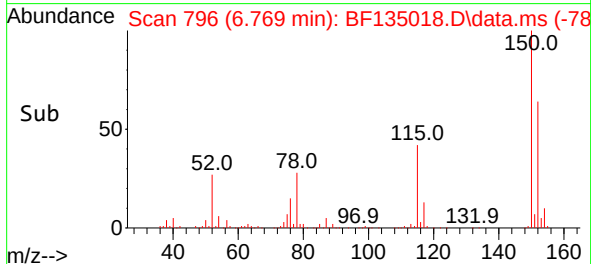
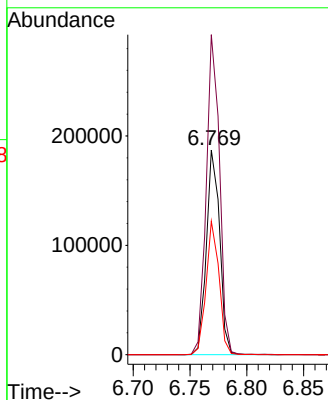
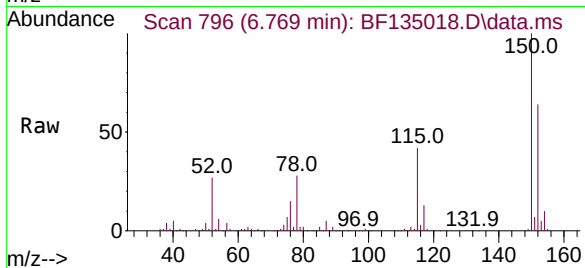




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135018.D
Acq: 30 Aug 2023 22:39

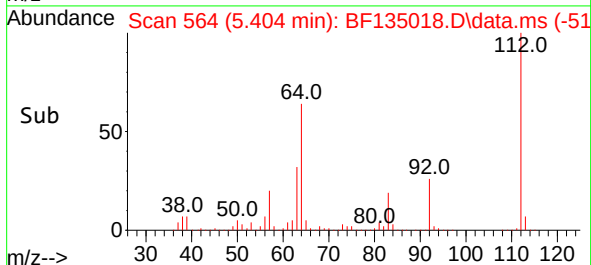
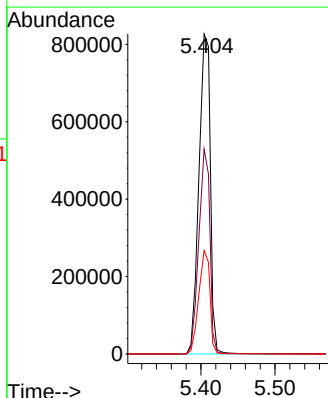
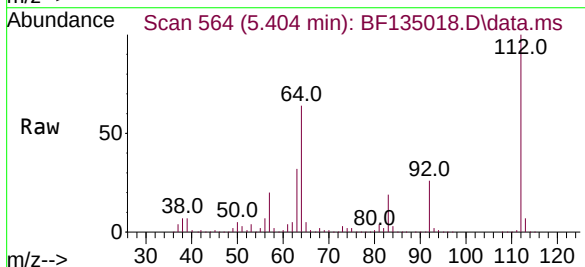
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-23

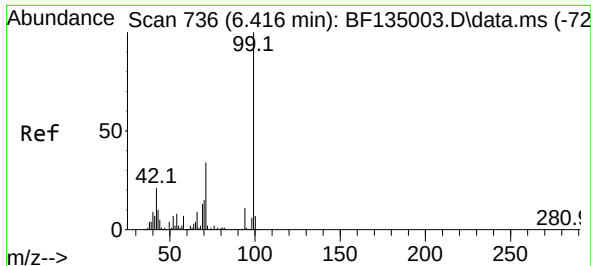
Tgt Ion:152 Resp: 151890
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.4
115 65.2 51.2 76.8



#5
2-Fluorophenol
Concen: 89.886 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135018.D
Acq: 30 Aug 2023 22:39

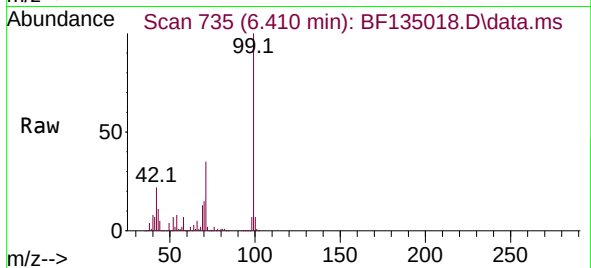
Tgt Ion:112 Resp: 883894
Ion Ratio Lower Upper
112 100
64 64.0 50.5 75.7
63 32.3 25.9 38.9



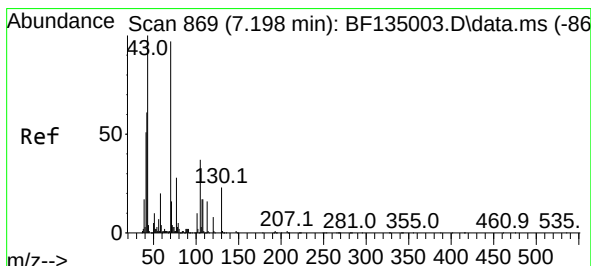
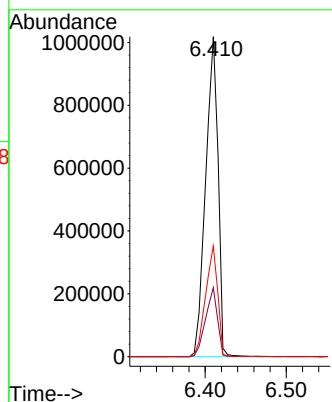
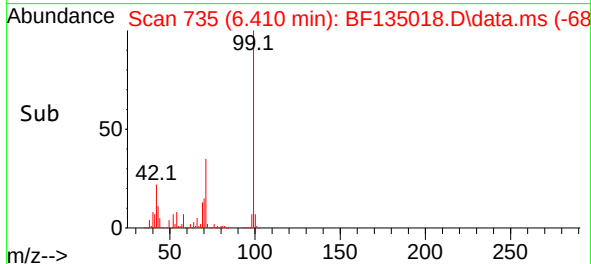


#7
Phenol-d6
Concen: 87.854 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135018.D
Acq: 30 Aug 2023 22:39

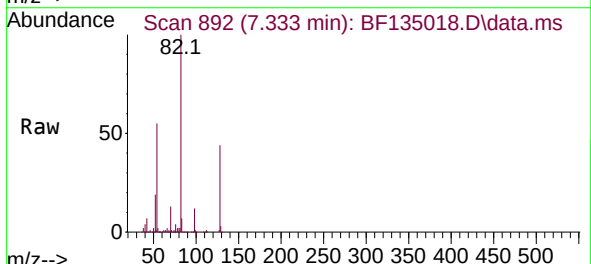
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-23



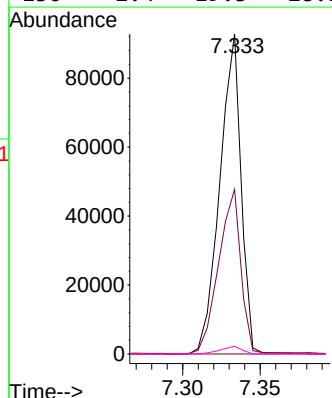
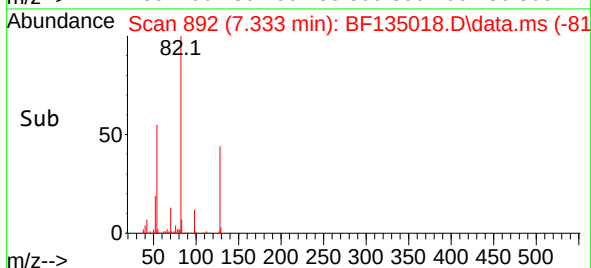
Tgt Ion: 99 Resp: 1076806
Ion Ratio Lower Upper
99 100
42 21.5 16.6 25.0
71 34.6 27.0 40.6

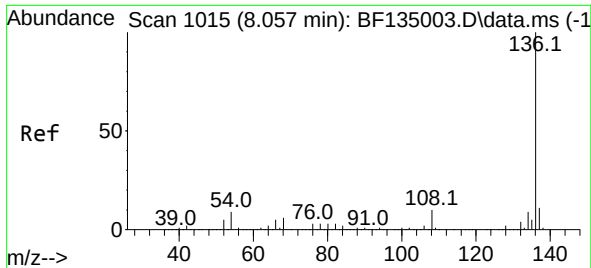


#19
n-Nitroso-di-n-propylamine
Concen: 12.166 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135018.D
Acq: 30 Aug 2023 22:39



Tgt Ion: 70 Resp: 88571
Ion Ratio Lower Upper
70 100
42 51.5 50.2 75.4
101 0.0 8.1 12.1#
130 2.4 19.3 28.9#

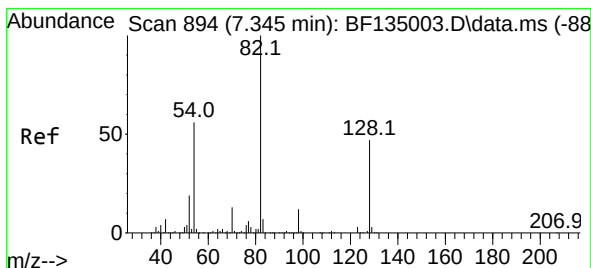
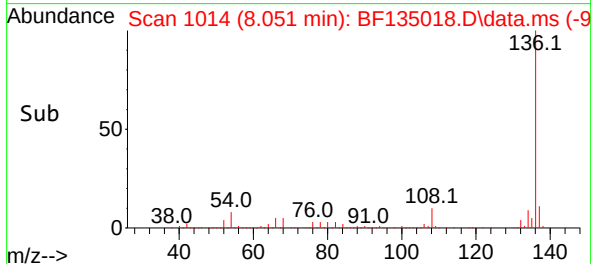
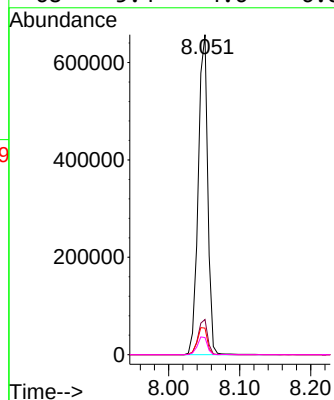
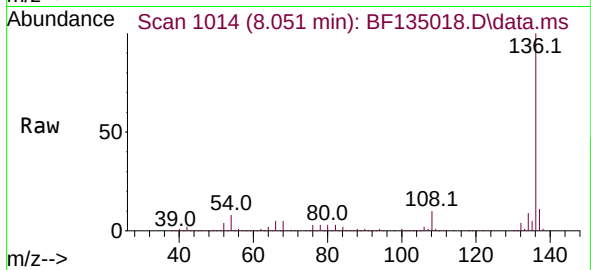




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135018.D
Acq: 30 Aug 2023 22:39

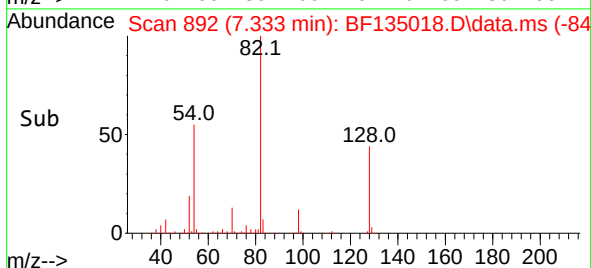
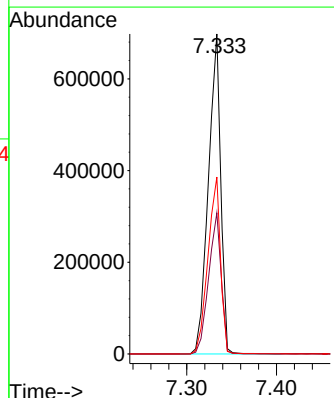
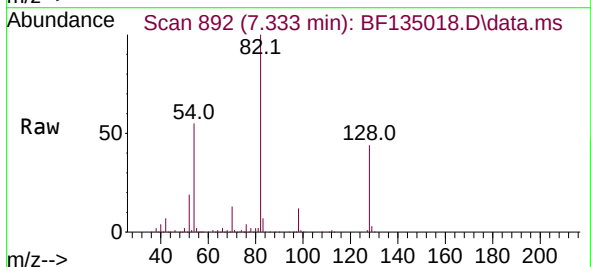
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-23

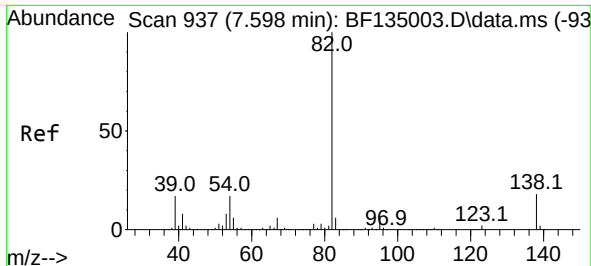
Tgt Ion:136	Resp: 614320
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 8.3	7.0 10.4
68 5.4	4.6 6.8



#23
Nitrobenzene-d5
Concen: 61.204 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135018.D
Acq: 30 Aug 2023 22:39

Tgt Ion: 82	Resp: 669251
Ion Ratio	Lower Upper
82 100	
128 44.1	37.8 56.8
54 55.3	45.0 67.6

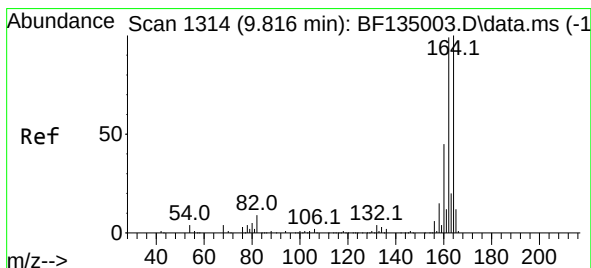
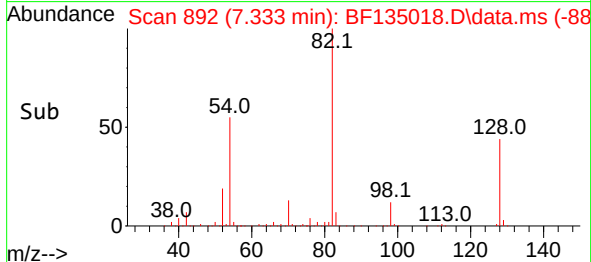
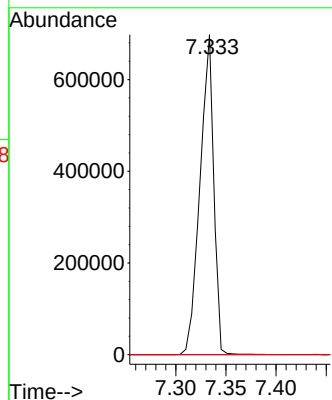
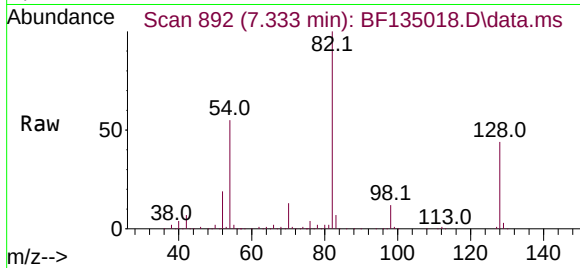




#25
Isophorone
Concen: 32.191 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF135018.D
Acq: 30 Aug 2023 22:39

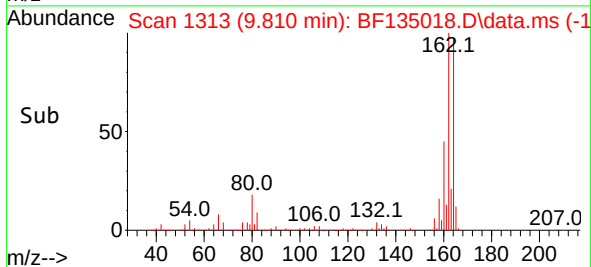
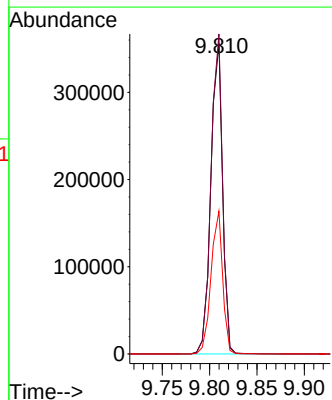
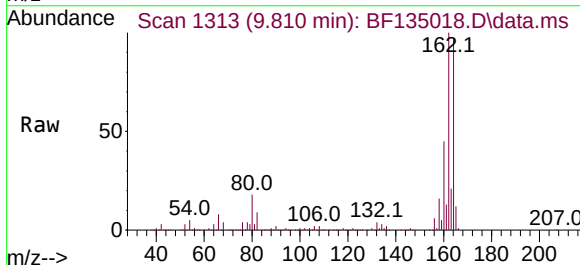
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-23

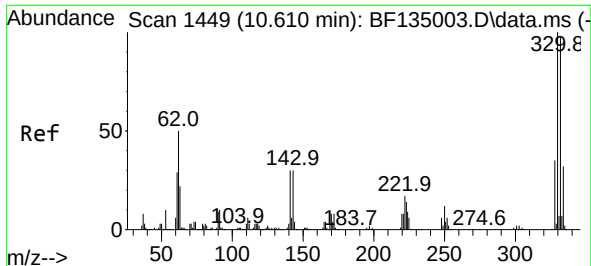
Tgt Ion: 82 Resp: 667386
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135018.D
Acq: 30 Aug 2023 22:39

Tgt Ion:164 Resp: 306449
Ion Ratio Lower Upper
164 100
162 103.1 79.5 119.3
160 46.0 36.0 54.0

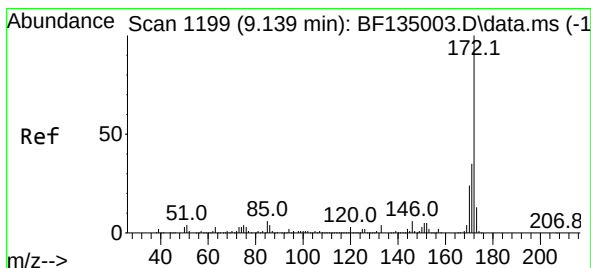
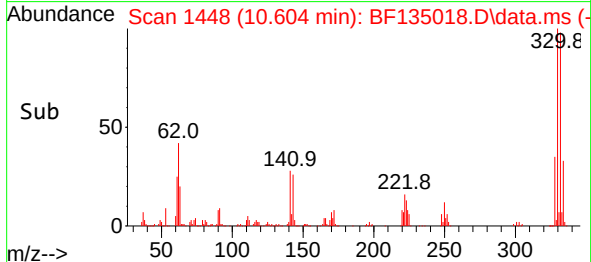
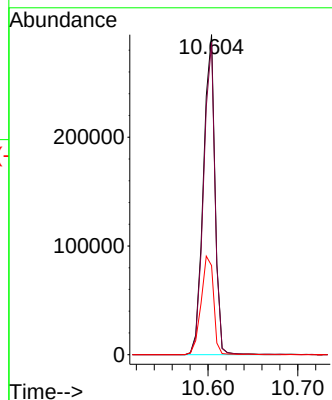
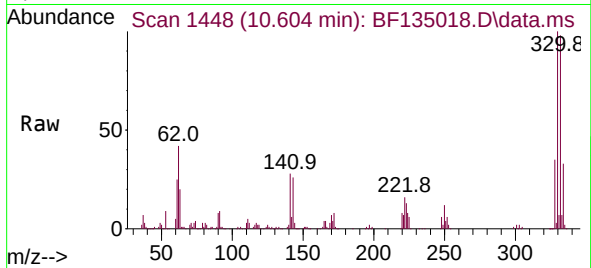




#42
2,4,6-Tribromophenol
Concen: 81.170 ng
RT: 10.604 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF135018.D
Acq: 30 Aug 2023 22:39

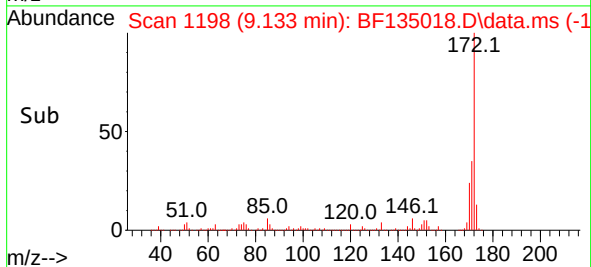
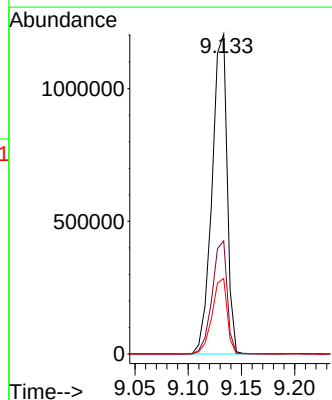
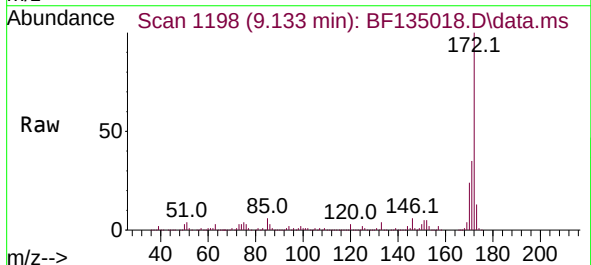
Instrument :
BNA_F
ClientSampleId :
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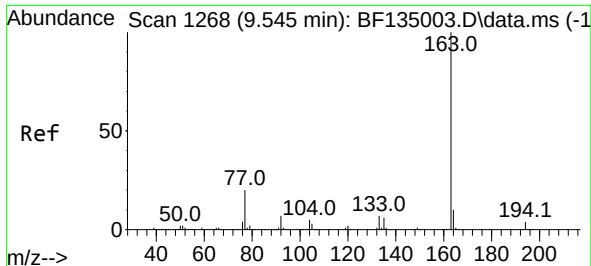
Tgt Ion:330 Resp: 263865
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 33.2 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 63.144 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF135018.D
Acq: 30 Aug 2023 22:39

Tgt Ion:172 Resp: 1188530
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.6 19.0 28.4

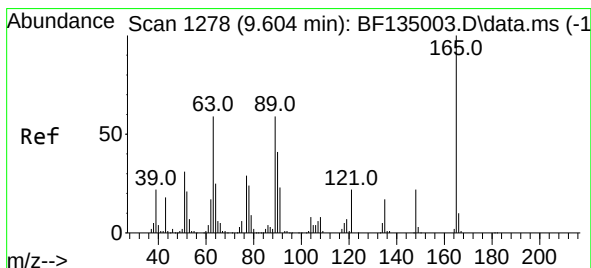
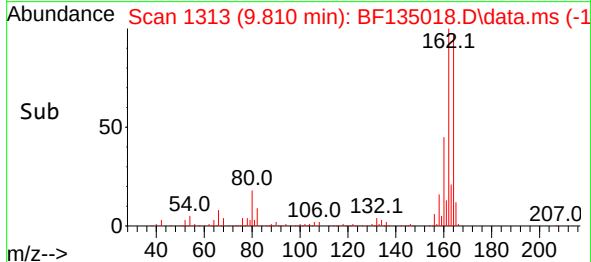
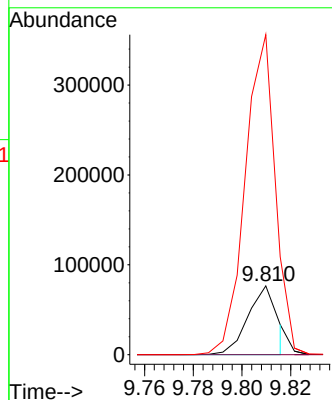
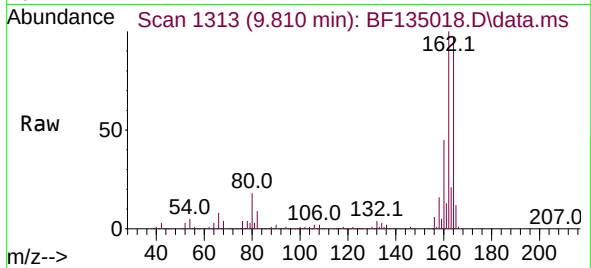




#50
Dimethylphthalate
Concen: 2.975 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135018.D
Acq: 30 Aug 2023 22:39

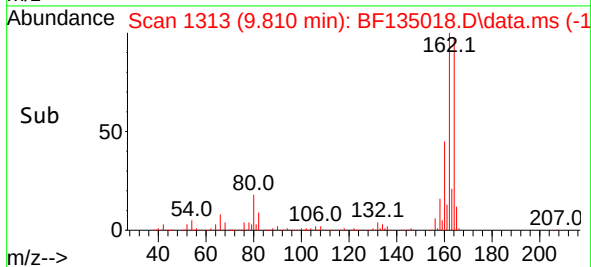
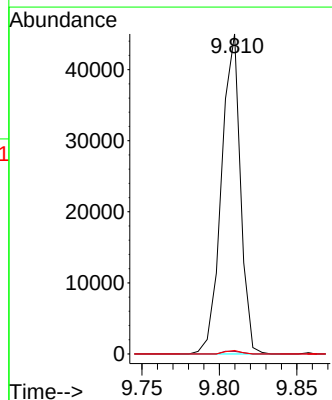
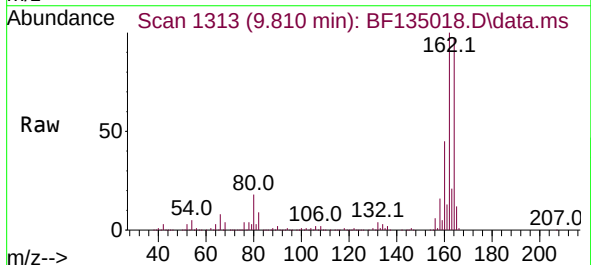
Instrument :
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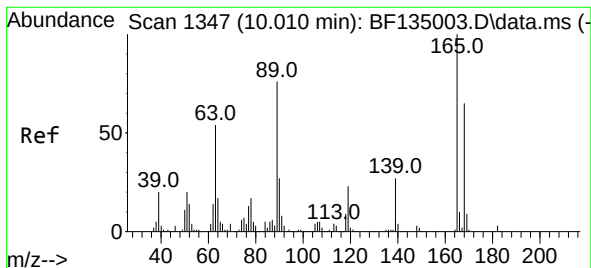
Tgt Ion:163 Resp: 63831
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 465.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.146 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135018.D
Acq: 30 Aug 2023 22:39

Tgt Ion:165 Resp: 38355
Ion Ratio Lower Upper
165 100
63 0.8 50.4 75.6#
89 1.1 47.1 70.7#





#57

2,4-Dinitrotoluene

Concen: 6.537 ng

RT: 9.810 min Scan# 1

Delta R.T. -0.200 min

Lab File: BF135018.D

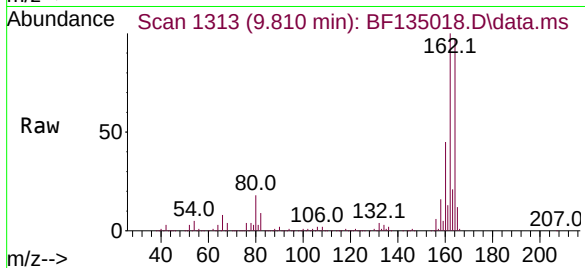
Acq: 30 Aug 2023 22:39

Instrument :

BNA_F

ClientSampleId :

OR-309-OK-370-COMP-23



Tgt Ion:165 Resp: 38355

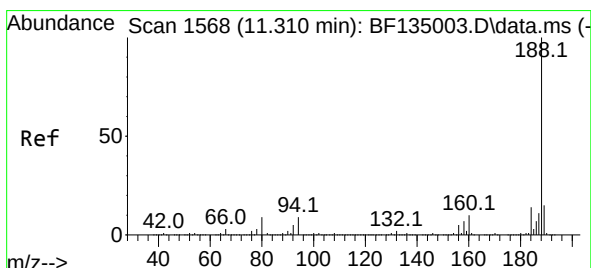
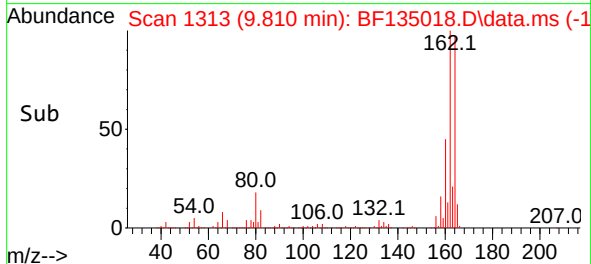
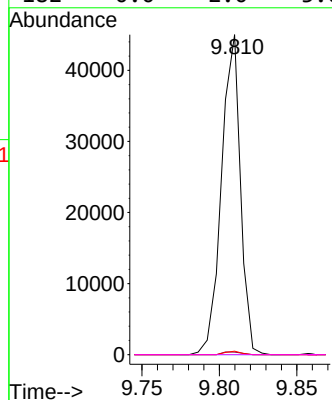
Ion Ratio Lower Upper

165 100

63 0.8 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: BF135018.D

Acq: 30 Aug 2023 22:39

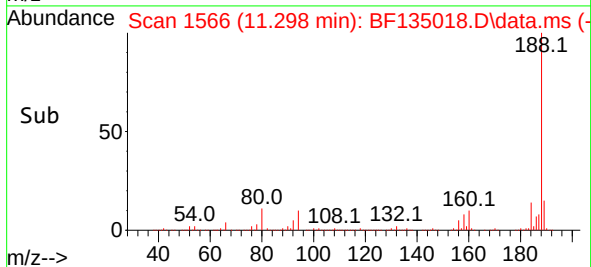
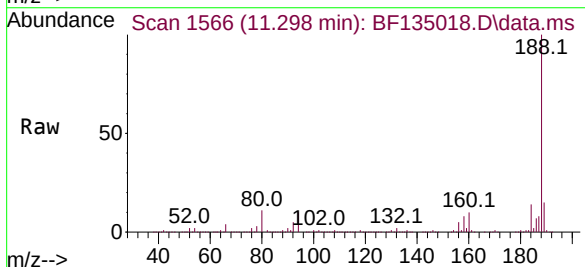
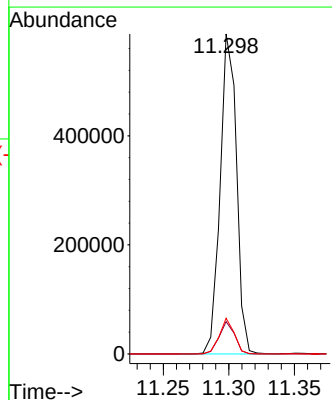
Tgt Ion:188 Resp: 507903

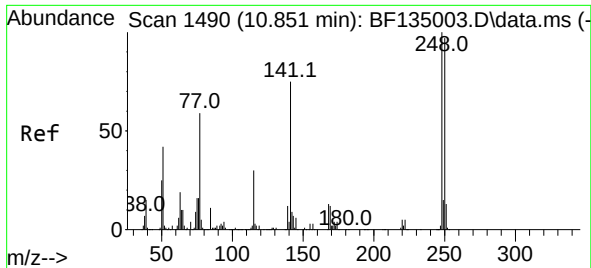
Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.4

80 11.2 7.4 11.2#

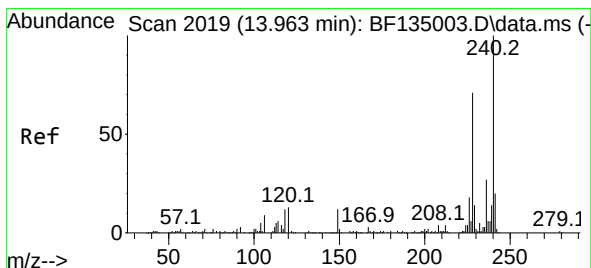
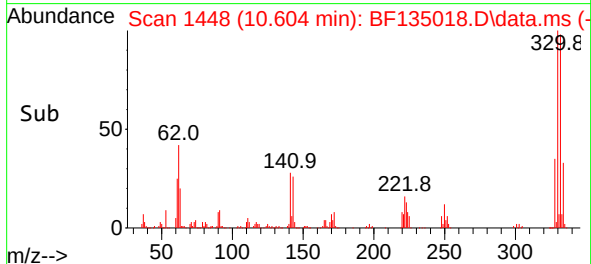
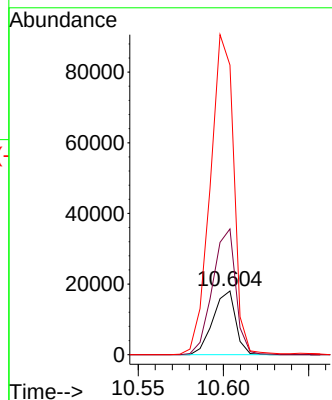
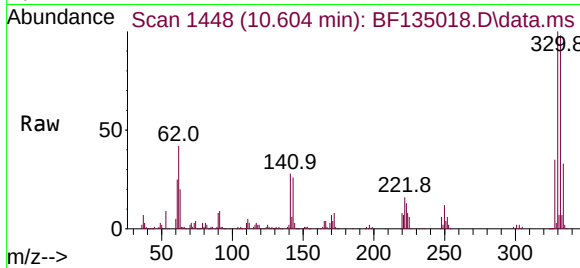




#67
4-Bromophenyl-phenylether
Concen: 3.105 ng
RT: 10.604 min Scan# 1490
Delta R.T. -0.247 min
Lab File: BF135018.D
Acq: 30 Aug 2023 22:39

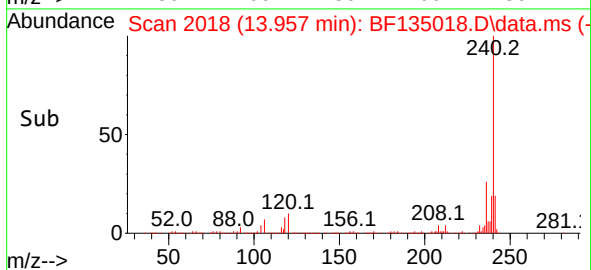
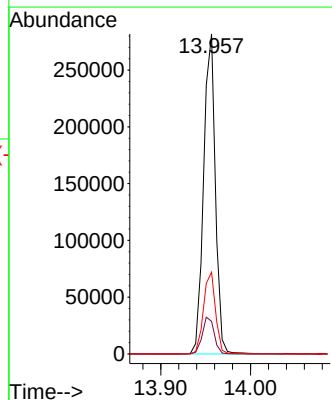
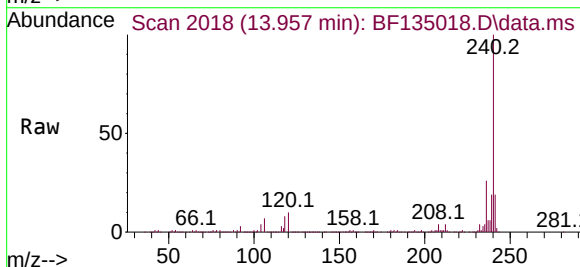
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-23

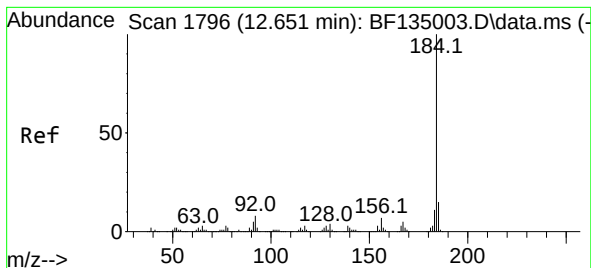
Tgt Ion:248 Resp: 16726
Ion Ratio Lower Upper
248 100
250 197.4 77.9 116.9#
141 454.8 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135018.D
Acq: 30 Aug 2023 22:39

Tgt Ion:240 Resp: 256623
Ion Ratio Lower Upper
240 100
120 10.2 10.2 15.2
236 25.6 21.3 31.9





#77

Benzidine

Concen: 2.800 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.247 min

Lab File: BF135018.D

Acq: 30 Aug 2023 22:39

Instrument :

BNA_F

ClientSampleId :

OR-309-OK-370-COMP-23

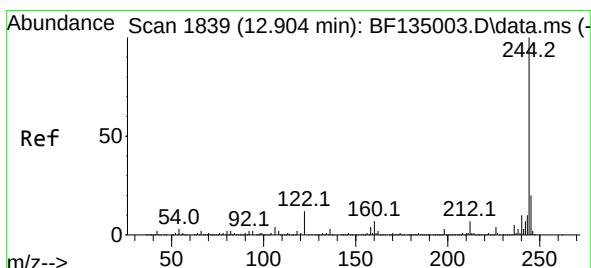
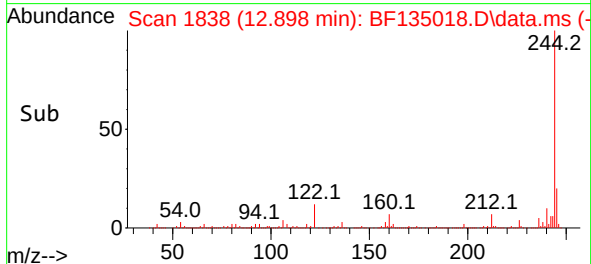
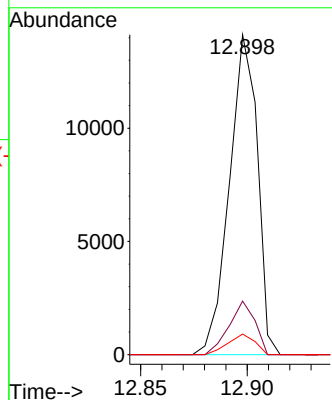
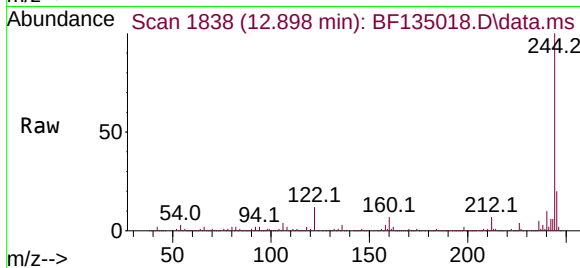
Tgt Ion:184 Resp: 12953

Ion Ratio Lower Upper

184 100

185 16.7 12.0 18.0

183 6.5 9.0 13.6#



#79

Terphenyl-d14

Concen: 62.634 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF135018.D

Acq: 30 Aug 2023 22:39

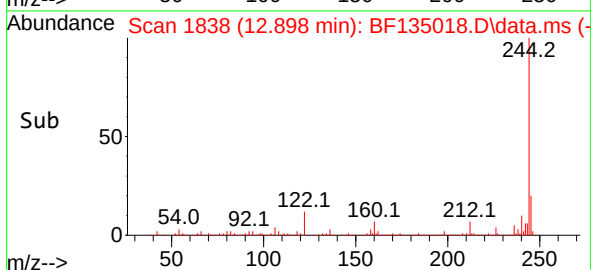
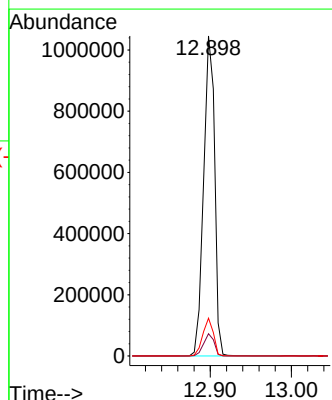
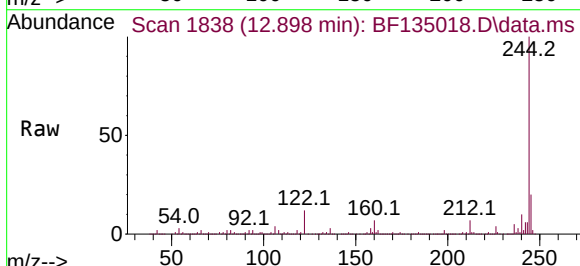
Tgt Ion:244 Resp: 984938

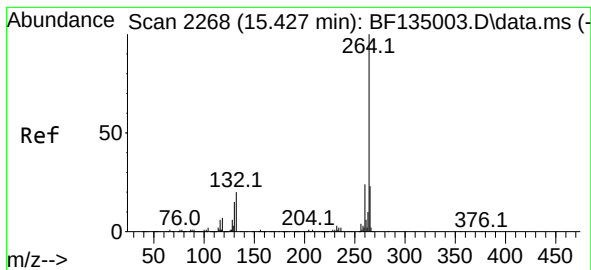
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.8 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: BF135018.D

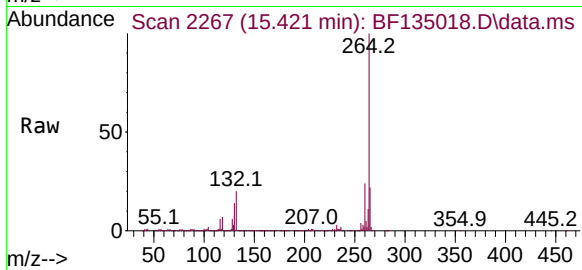
Acq: 30 Aug 2023 22:39

Instrument :

BNA_F

ClientSampleId :

OR-309-OK-370-COMP-23



Tgt Ion:264 Resp: 310970

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.6 18.2 27.2

