

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

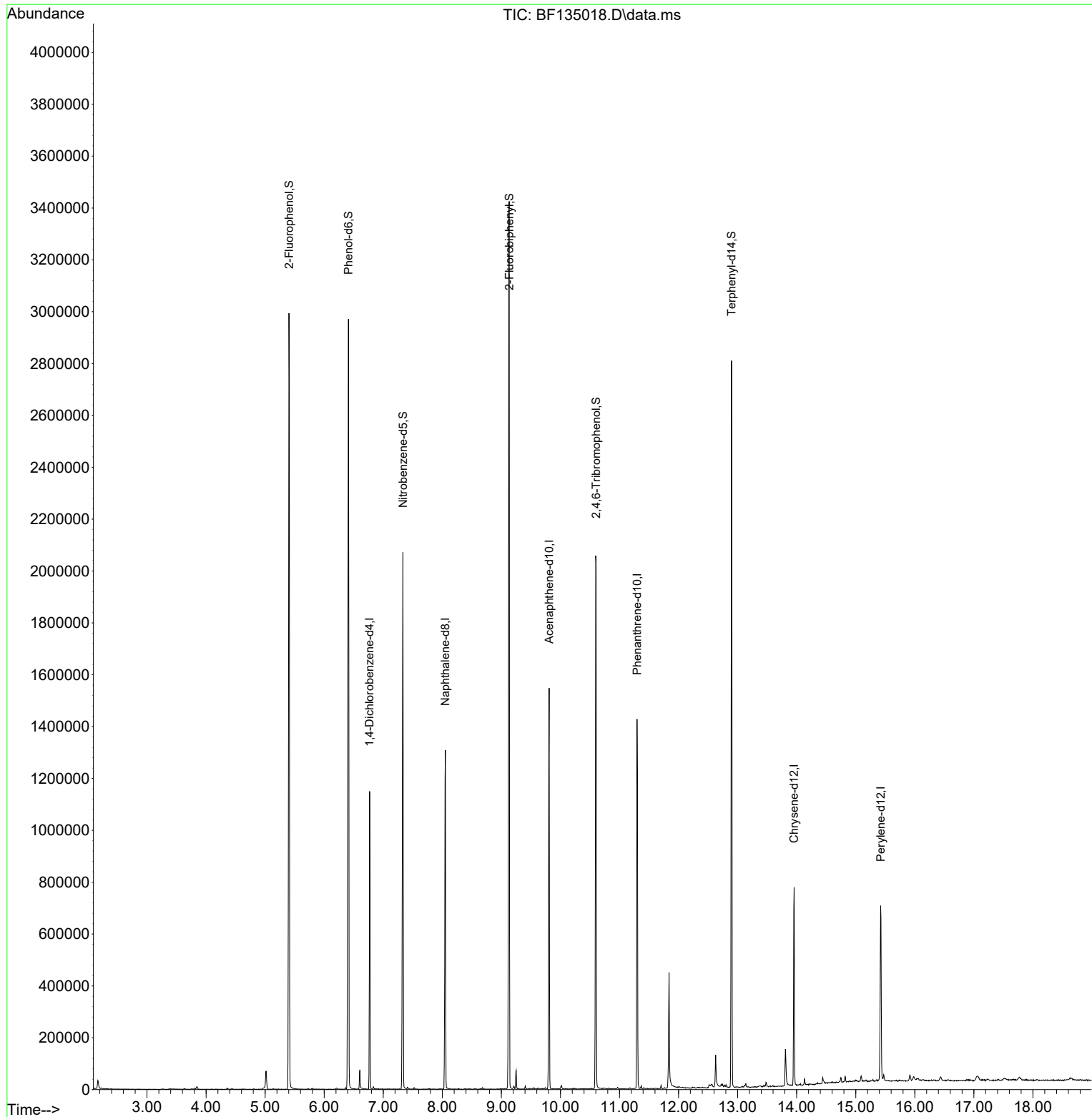
Target Compounds	Qvalue

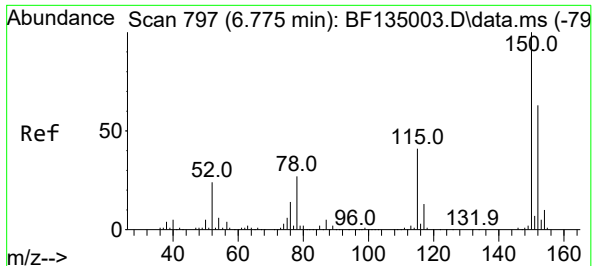
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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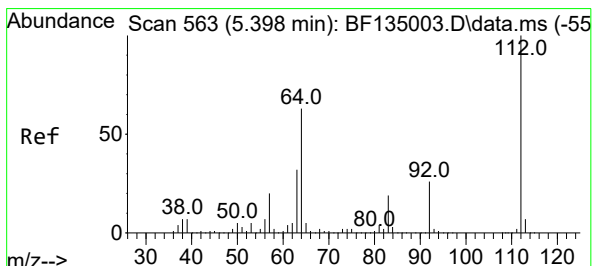
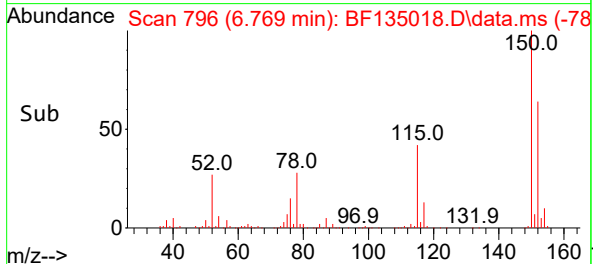
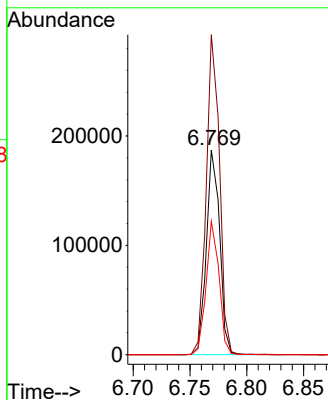
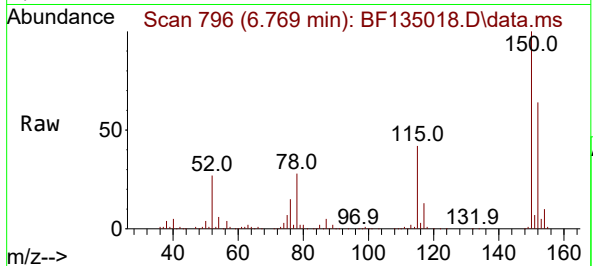




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135018.D
Acq: 30 Aug 2023 22:39

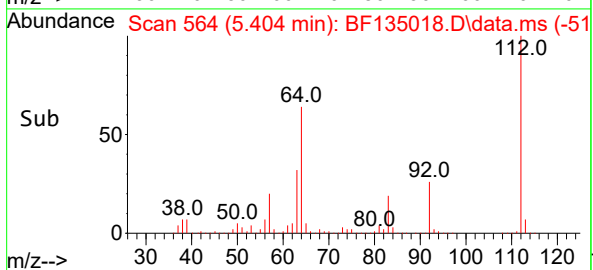
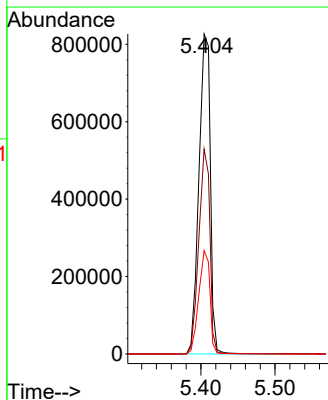
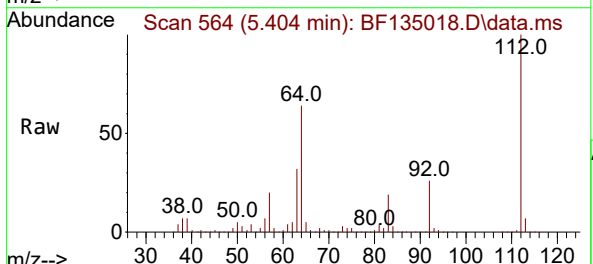
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-23

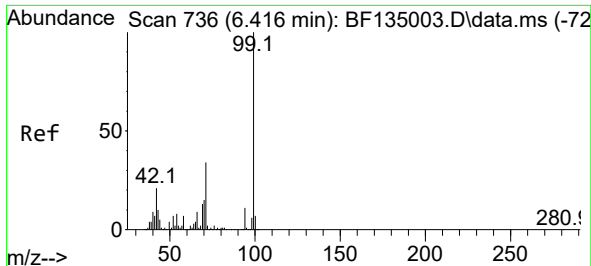
Tgt Ion:152 Resp: 151890
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.4
115 65.2 51.2 76.8



#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

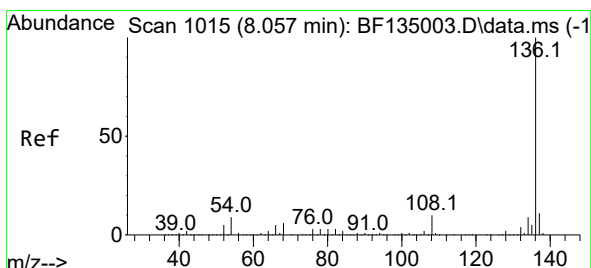
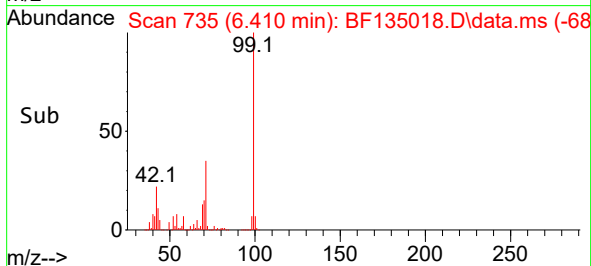
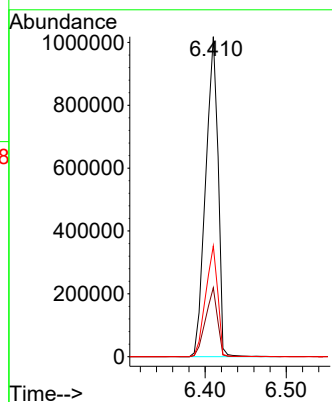
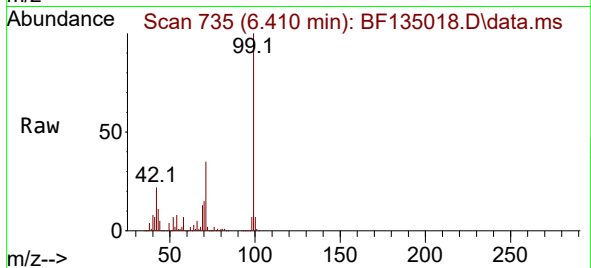




#7
Phenol-d6
Concen: 87.854 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135018.D
Acq: 30 Aug 2023 22:39

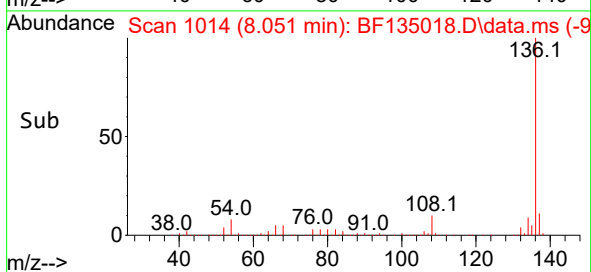
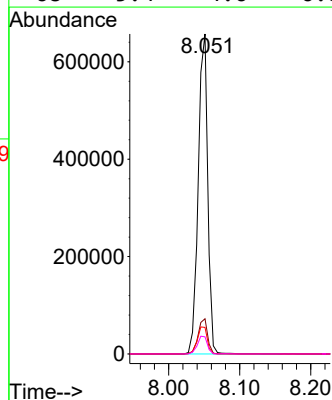
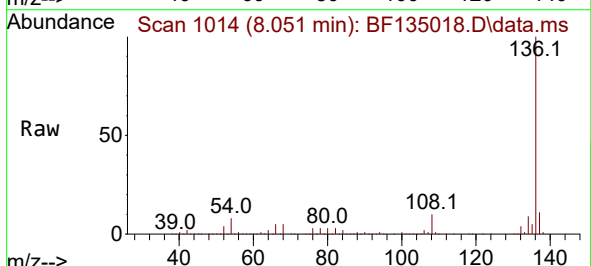
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-23

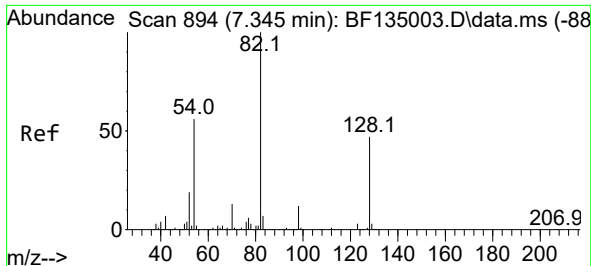
Tgt Ion: 99 Resp: 1076806
Ion Ratio Lower Upper
99 100
42 21.5 16.6 25.0
71 34.6 27.0 40.6



#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

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# 894

Delta R.T. -0.012 min

Lab File: BF135018.D

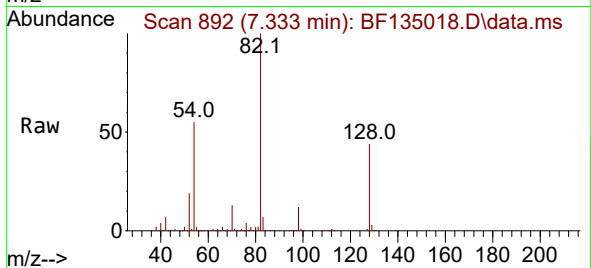
Acq: 30 Aug 2023 22:39

Instrument :

BNA_F

ClientSampleId :

OR-309-OK-370-COMP-23



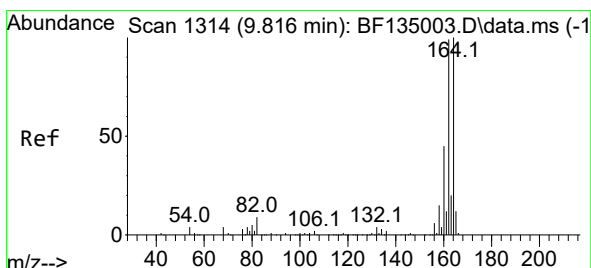
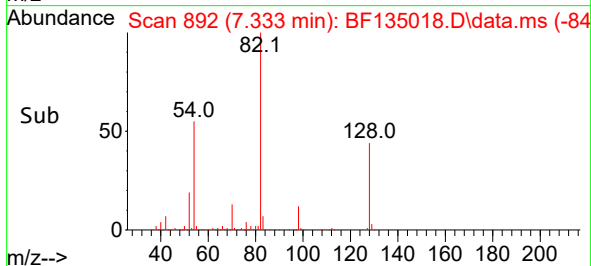
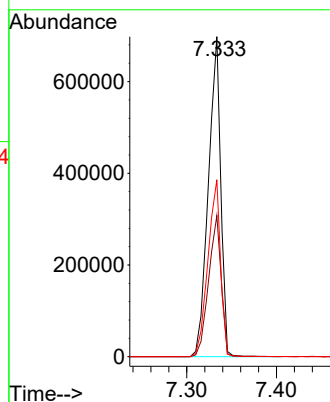
Tgt Ion: 82 Resp: 669251

Ion Ratio Lower Upper

82 100

128 44.1 37.8 56.8

54 55.3 45.0 67.6



#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

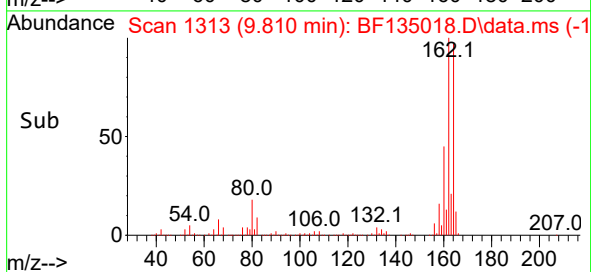
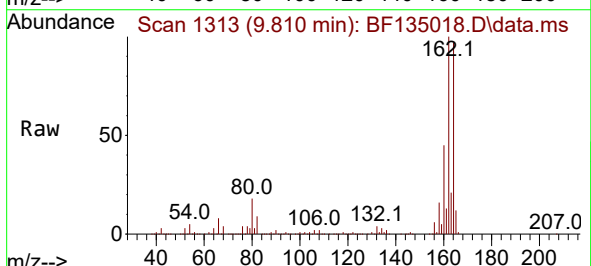
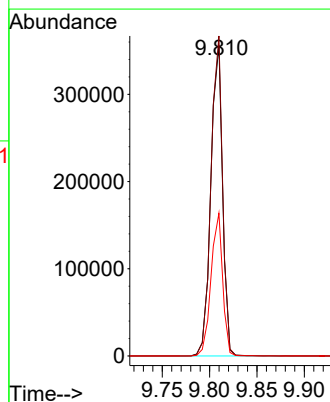
Tgt Ion: 164 Resp: 306449

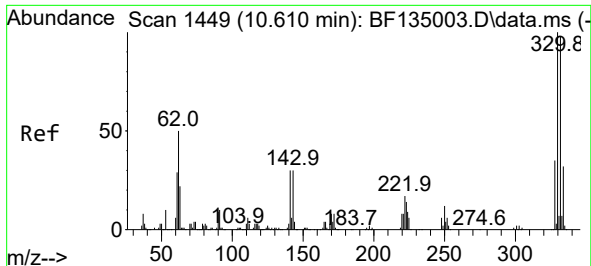
Ion Ratio Lower Upper

164 100

162 103.1 79.5 119.3

160 46.0 36.0 54.0

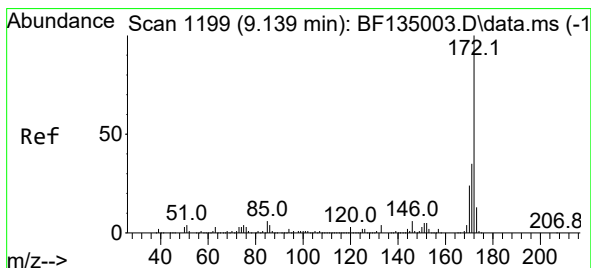
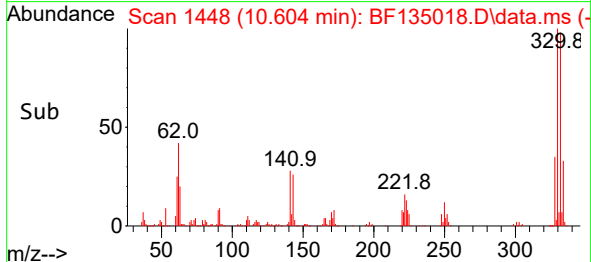
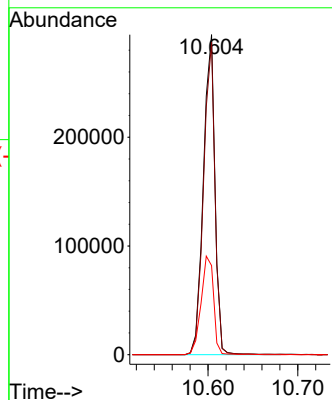
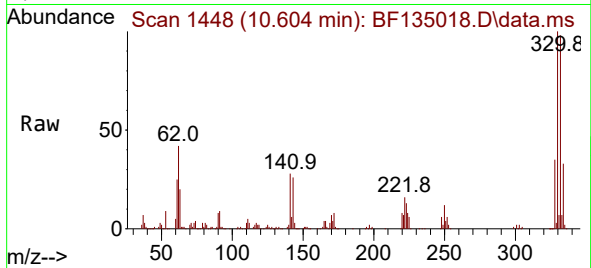




#42
2,4,6-Tribromophenol
Concen: 81.170 ng
RT: 10.604 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF135018.D
Acq: 30 Aug 2023 22:39

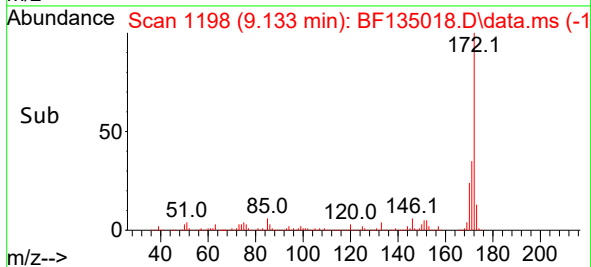
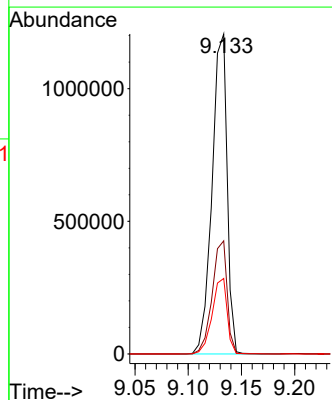
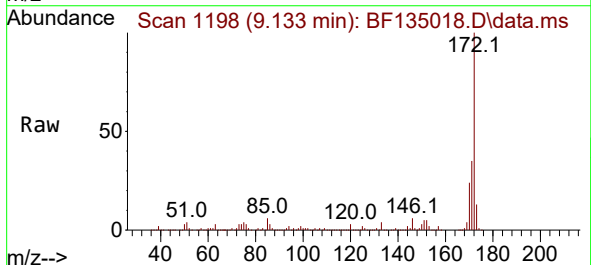
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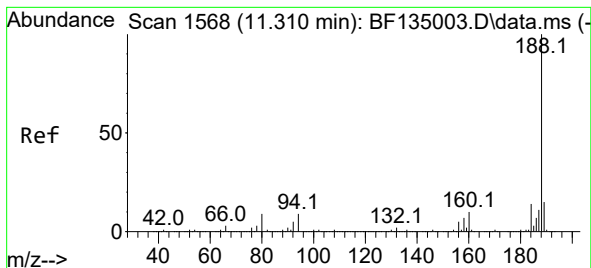
Tgt Ion:330 Resp: 263865
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 33.2 26.3 39.5



#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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135018.D

Acq: 30 Aug 2023 22:39

Instrument :

BNA_F

ClientSampleId :

OR-309-OK-370-COMP-23

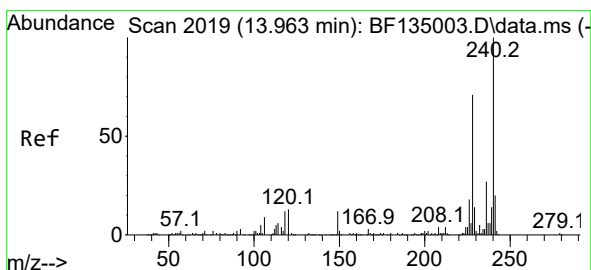
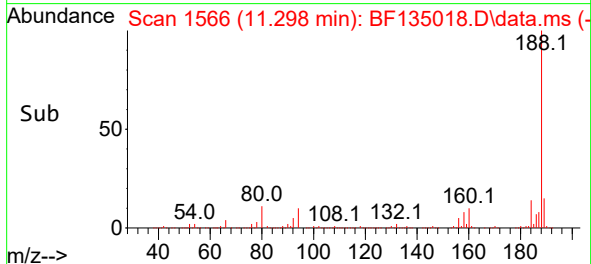
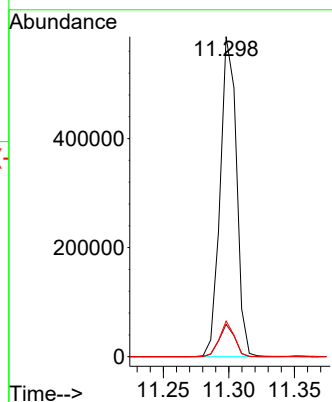
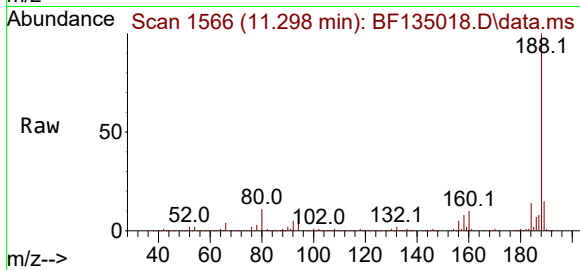
Tgt Ion:188 Resp: 507903

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.4

80 11.2 7.4 11.2#



#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

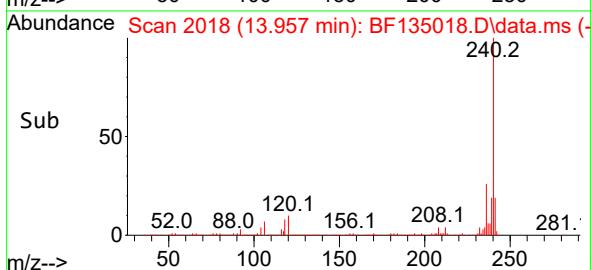
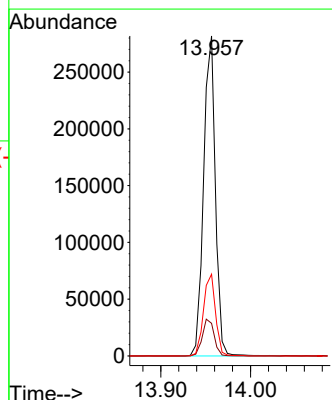
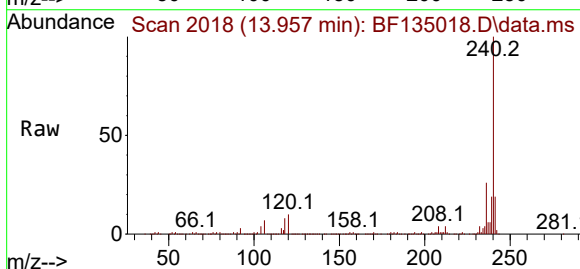
Tgt Ion:240 Resp: 256623

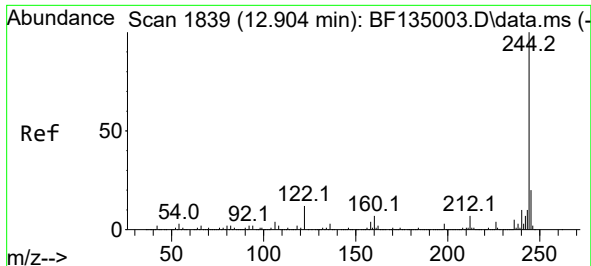
Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.2

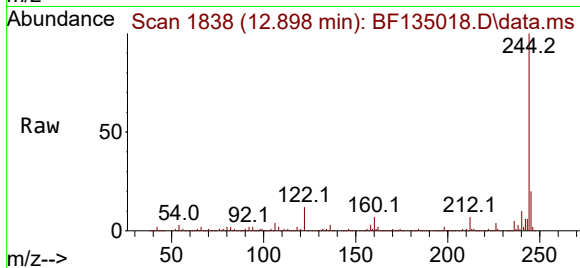
236 25.6 21.3 31.9



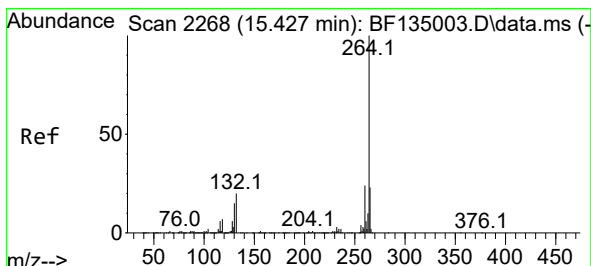
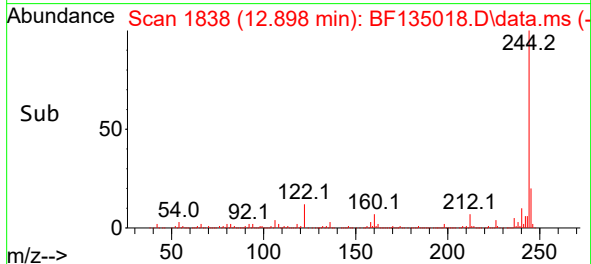
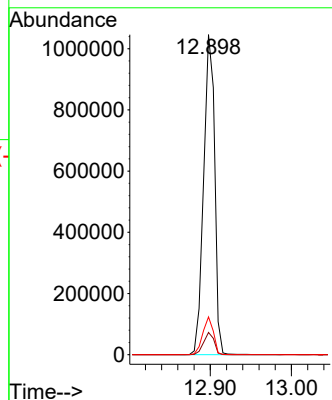


#79
Terphenyl-d14
Concen: 62.634 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135018.D
Acq: 30 Aug 2023 22:39

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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# 2267
Delta R.T. -0.006 min
Lab File: BF135018.D
Acq: 30 Aug 2023 22:39

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

