

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135022.D
 Acq On : 31 Aug 2023 00:49
 Operator : CG\JU
 Sample : 04196-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-345-COMP-03

Quant Time: Aug 31 05:59:39 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	124854	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	483783	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	226277	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	329107	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	209584	20.000	ng	0.00
86) Perylene-d12	15.427	264	228114	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	684081	84.630	ng	0.00
7) Phenol-d6	6.410	99	814391	80.832	ng	0.00
23) Nitrobenzene-d5	7.334	82	496136	57.615	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	164507	68.535	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	862483	62.057	ng	-0.01
79) Terphenyl-d14	12.898	244	584098	45.480	ng	0.00

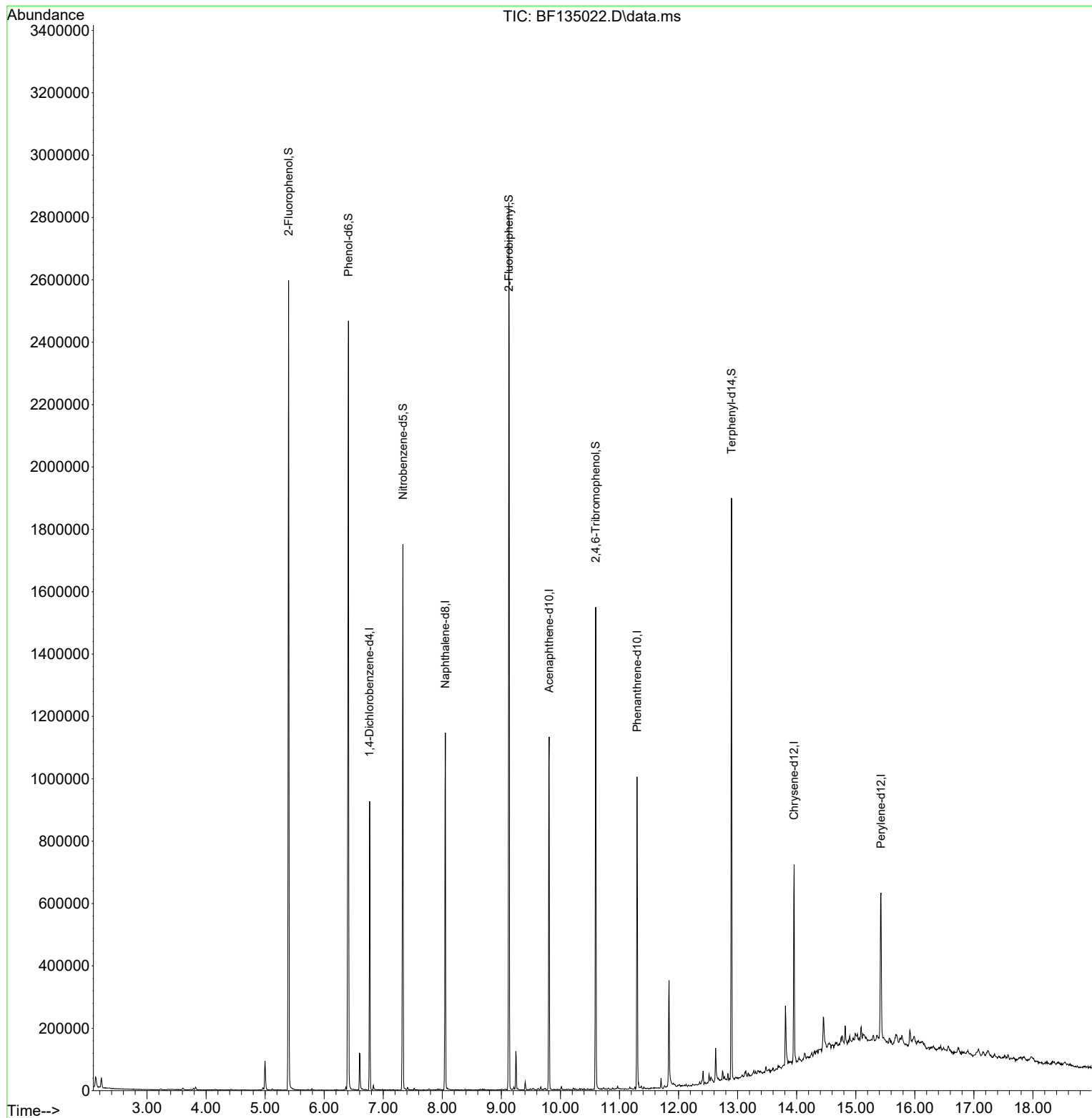
Target Compounds	Qvalue

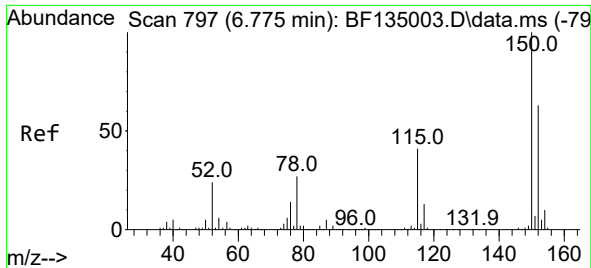
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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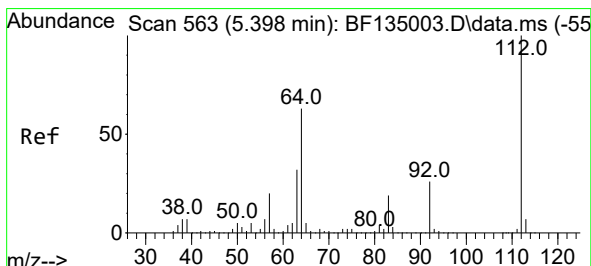
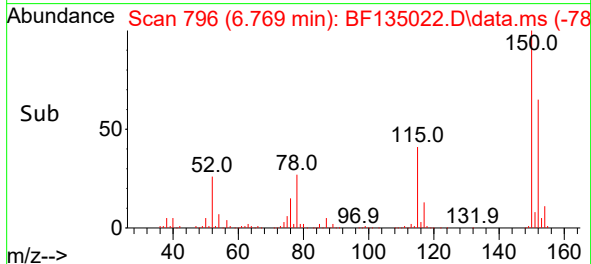
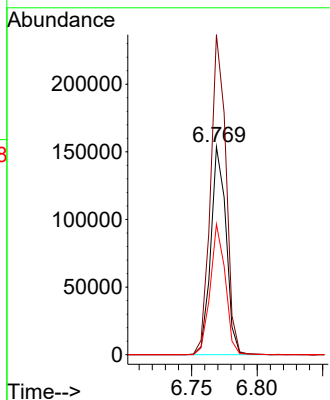
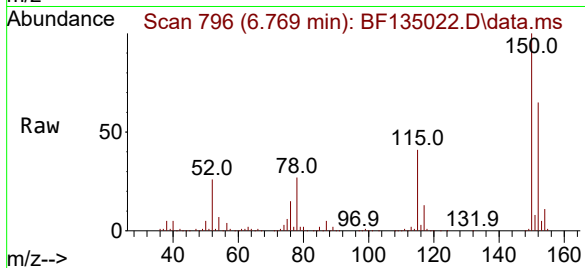




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135022.D
Acq: 31 Aug 2023 00:49

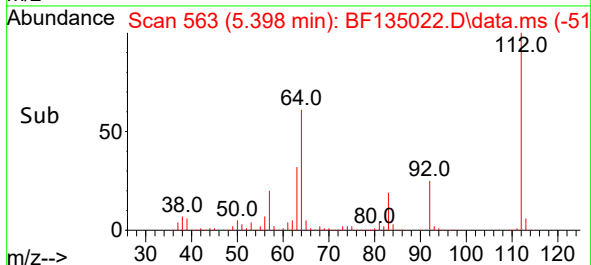
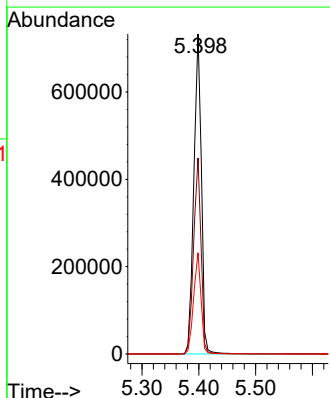
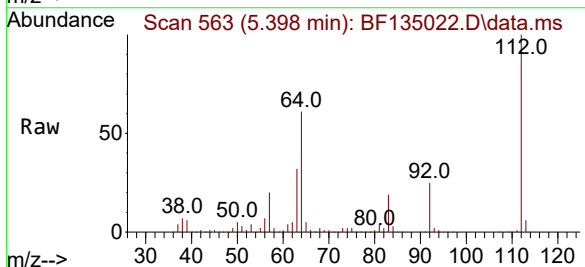
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-03

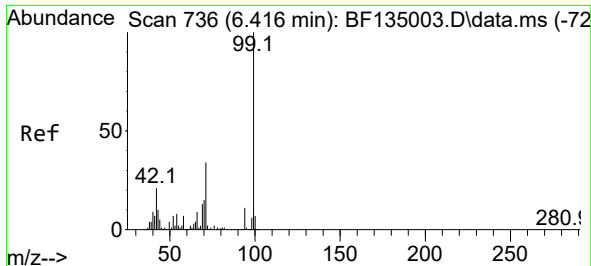
Tgt Ion:152 Resp: 124854
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.4
115 62.8 51.2 76.8



#5
2-Fluorophenol
Concen: 84.630 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF135022.D
Acq: 31 Aug 2023 00:49

Tgt Ion:112 Resp: 684081
Ion Ratio Lower Upper
112 100
64 61.3 50.5 75.7
63 31.6 25.9 38.9

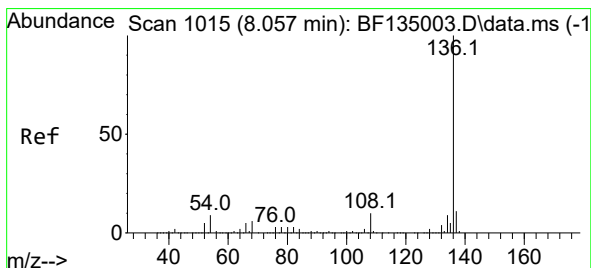
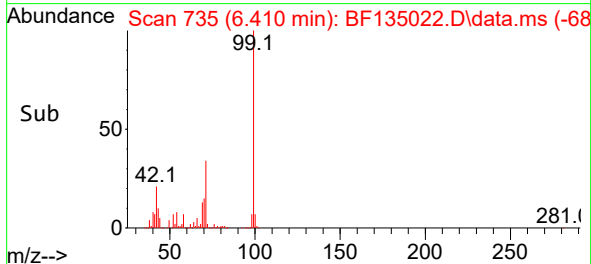
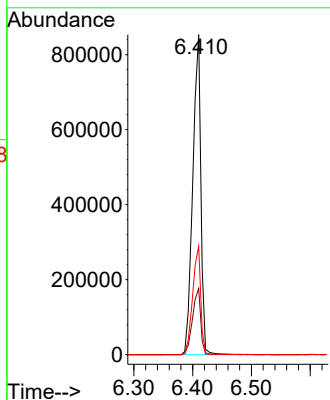
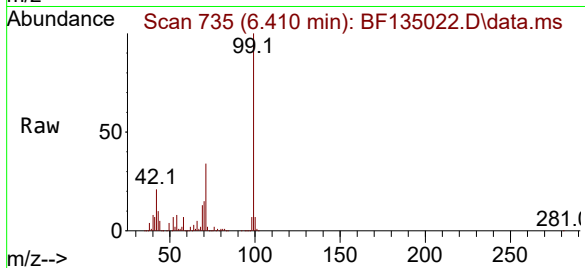




#7
Phenol-d6
Concen: 80.832 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135022.D
Acq: 31 Aug 2023 00:49

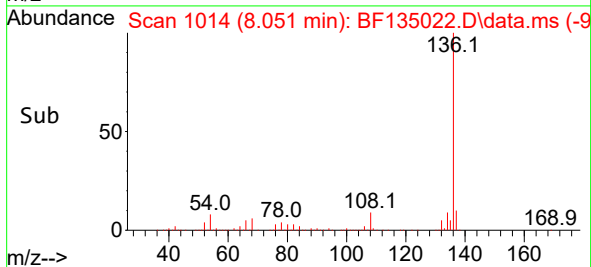
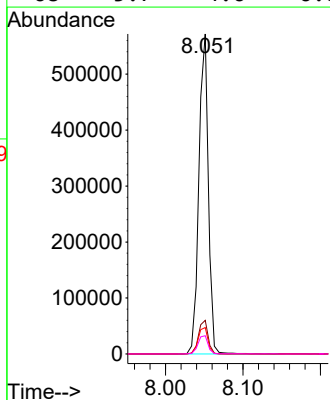
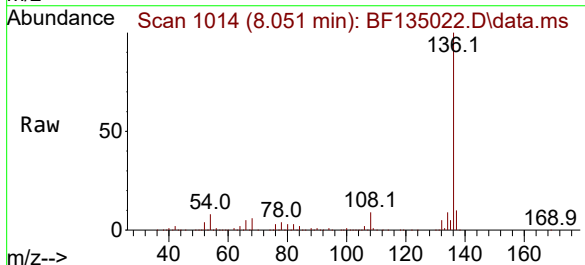
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-03

Tgt Ion: 99 Resp: 814391
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 34.0 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: BF135022.D
Acq: 31 Aug 2023 00:49

Tgt Ion: 136 Resp: 483783
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.3 7.0 10.4
68 5.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 57.615 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135022.D

Acq: 31 Aug 2023 00:49

Instrument :

BNA_F

ClientSampleId :

OR-345-COMP-03

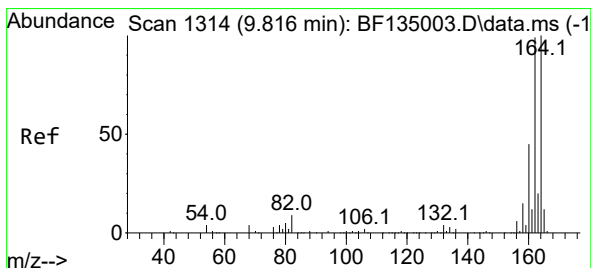
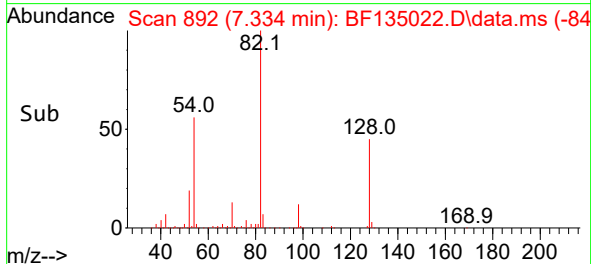
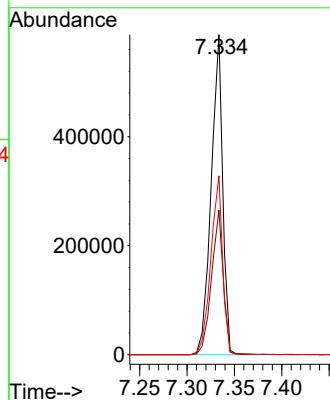
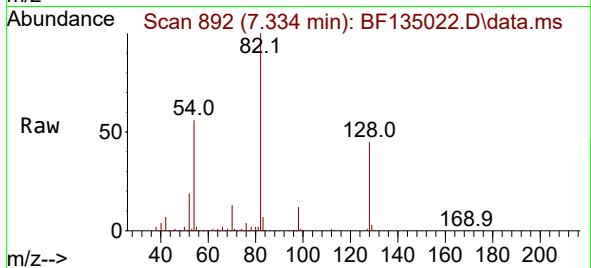
Tgt Ion: 82 Resp: 496136

Ion Ratio Lower Upper

82 100

128 45.2 37.8 56.8

54 55.9 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: BF135022.D

Acq: 31 Aug 2023 00:49

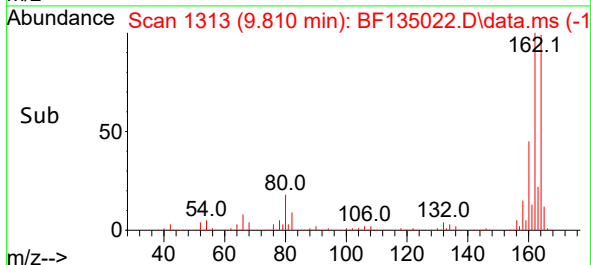
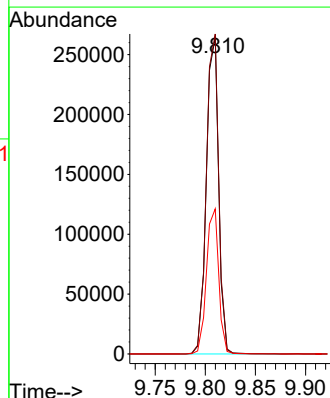
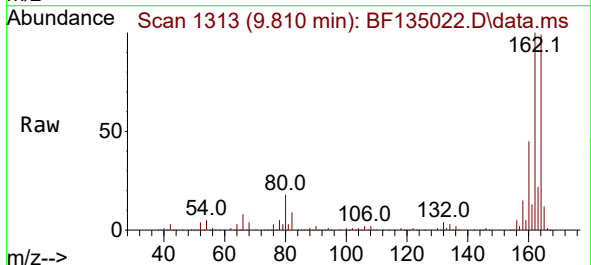
Tgt Ion:164 Resp: 226277

Ion Ratio Lower Upper

164 100

162 101.0 79.5 119.3

160 45.8 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 68.535 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135022.D

Acq: 31 Aug 2023 00:49

Instrument :

BNA_F

ClientSampleId :

OR-345-COMP-03

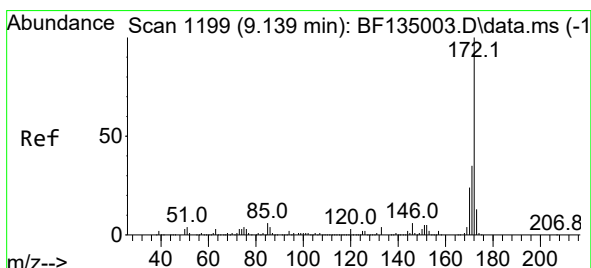
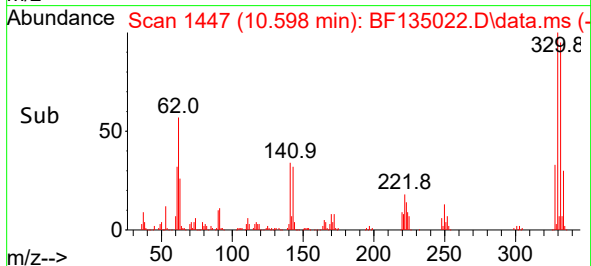
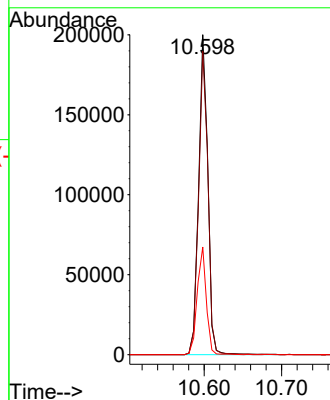
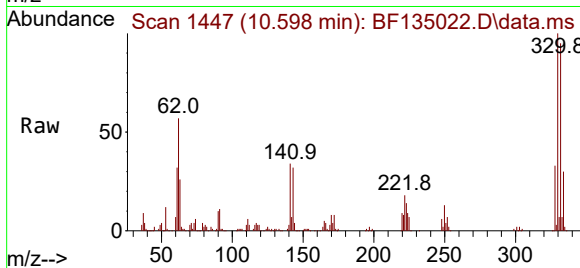
Tgt Ion:330 Resp: 164507

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 33.3 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 62.057 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135022.D

Acq: 31 Aug 2023 00:49

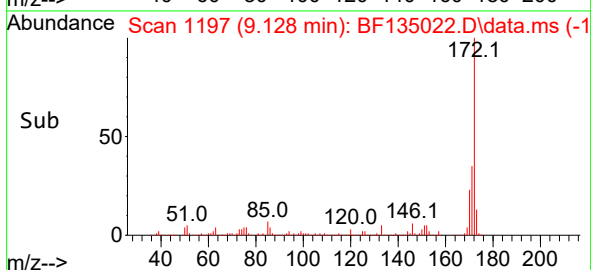
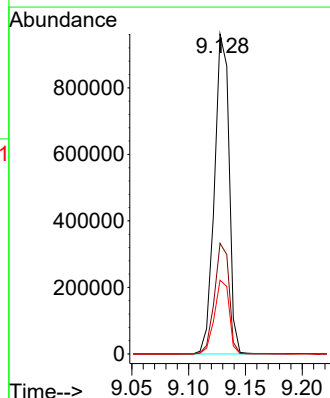
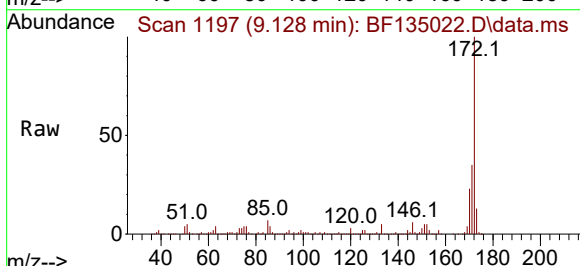
Tgt Ion:172 Resp: 862483

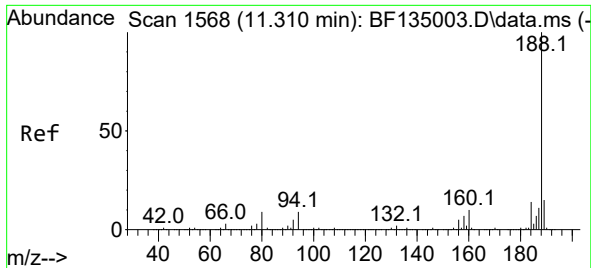
Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.2

170 23.1 19.0 28.4

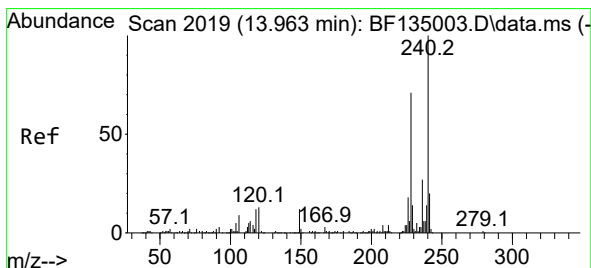
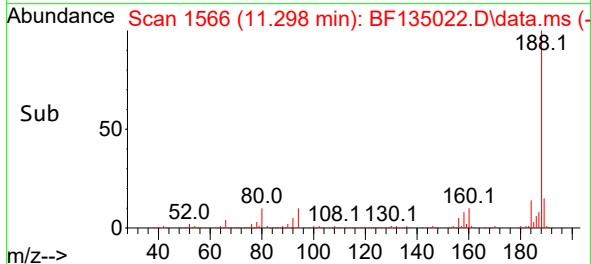
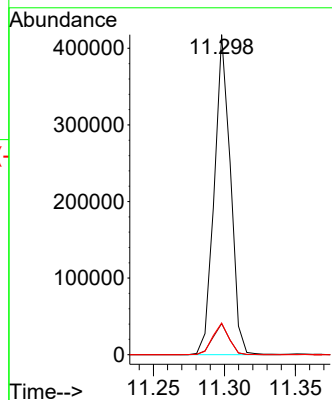
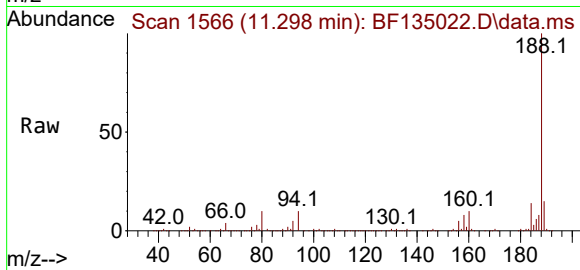




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135022.D
Acq: 31 Aug 2023 00:49

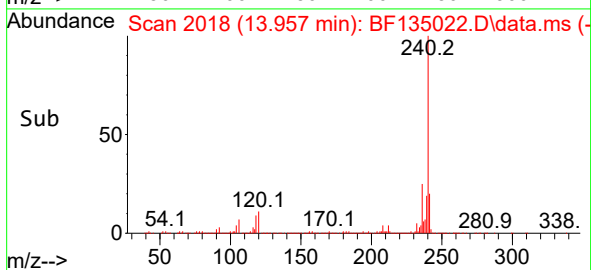
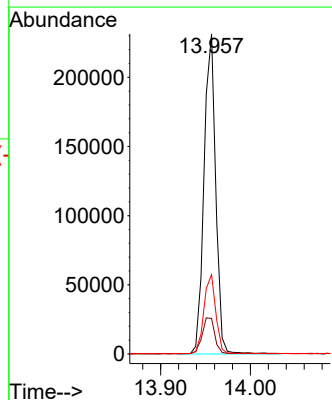
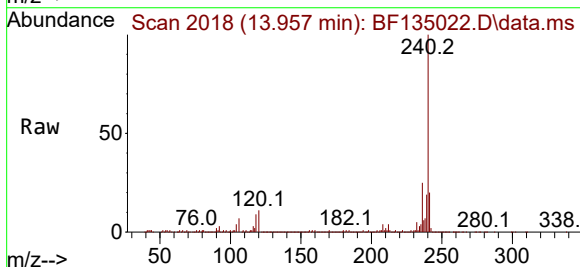
Instrument :
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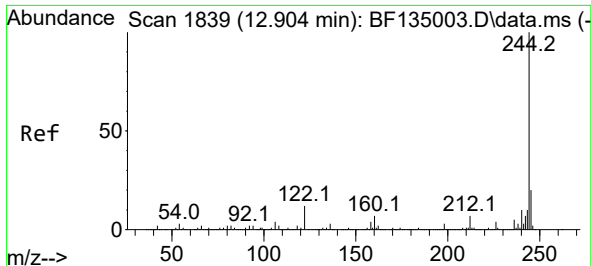
Tgt Ion:188 Resp: 329107
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 9.9 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135022.D
Acq: 31 Aug 2023 00:49

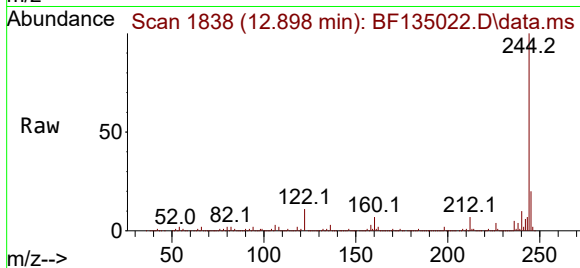
Tgt Ion:240 Resp: 209584
Ion Ratio Lower Upper
240 100
120 11.1 10.2 15.2
236 24.8 21.3 31.9



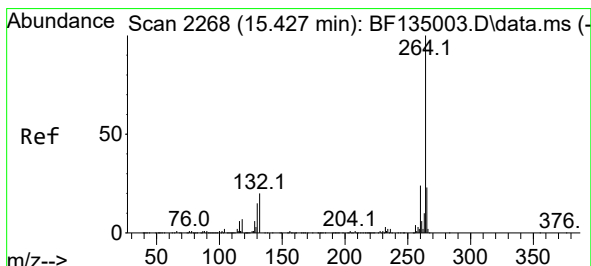
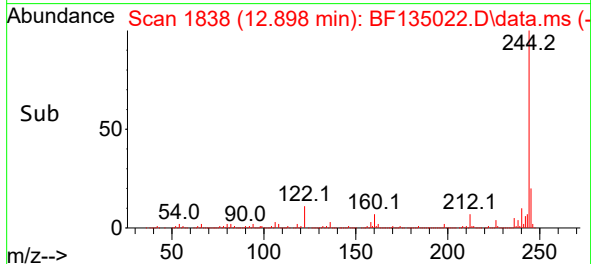
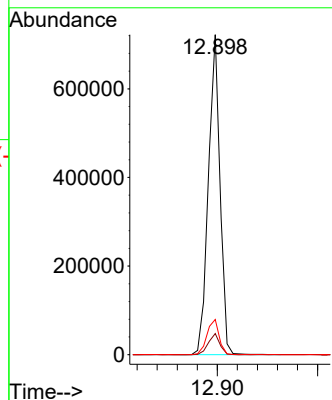


#79
 Terphenyl-d14
 Concen: 45.480 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135022.D
 Acq: 31 Aug 2023 00:49

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 584098
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 11.0 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: BF135022.D
 Acq: 31 Aug 2023 00:49

Tgt Ion:264 Resp: 228114
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 22.1 18.2 27.2

