

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135399.D
 Acq On : 22 Sep 2023 14:10
 Operator : CG\JU
 Sample : 04501-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Sep 23 04:41:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	147082	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	541495	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	256995	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	435833	20.000	ng	0.00
76) Chrysene-d12	13.939	240	246108	20.000	ng	0.00
86) Perylene-d12	15.404	264	311269	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1106075	122.311	ng	0.02
7) Phenol-d6	6.410	99	1313831	114.257	ng	0.00
23) Nitrobenzene-d5	7.322	82	936040	93.915	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	294261	115.220	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1481023	86.945	ng	-0.01
79) Terphenyl-d14	12.880	244	1245485	78.451	ng	-0.01

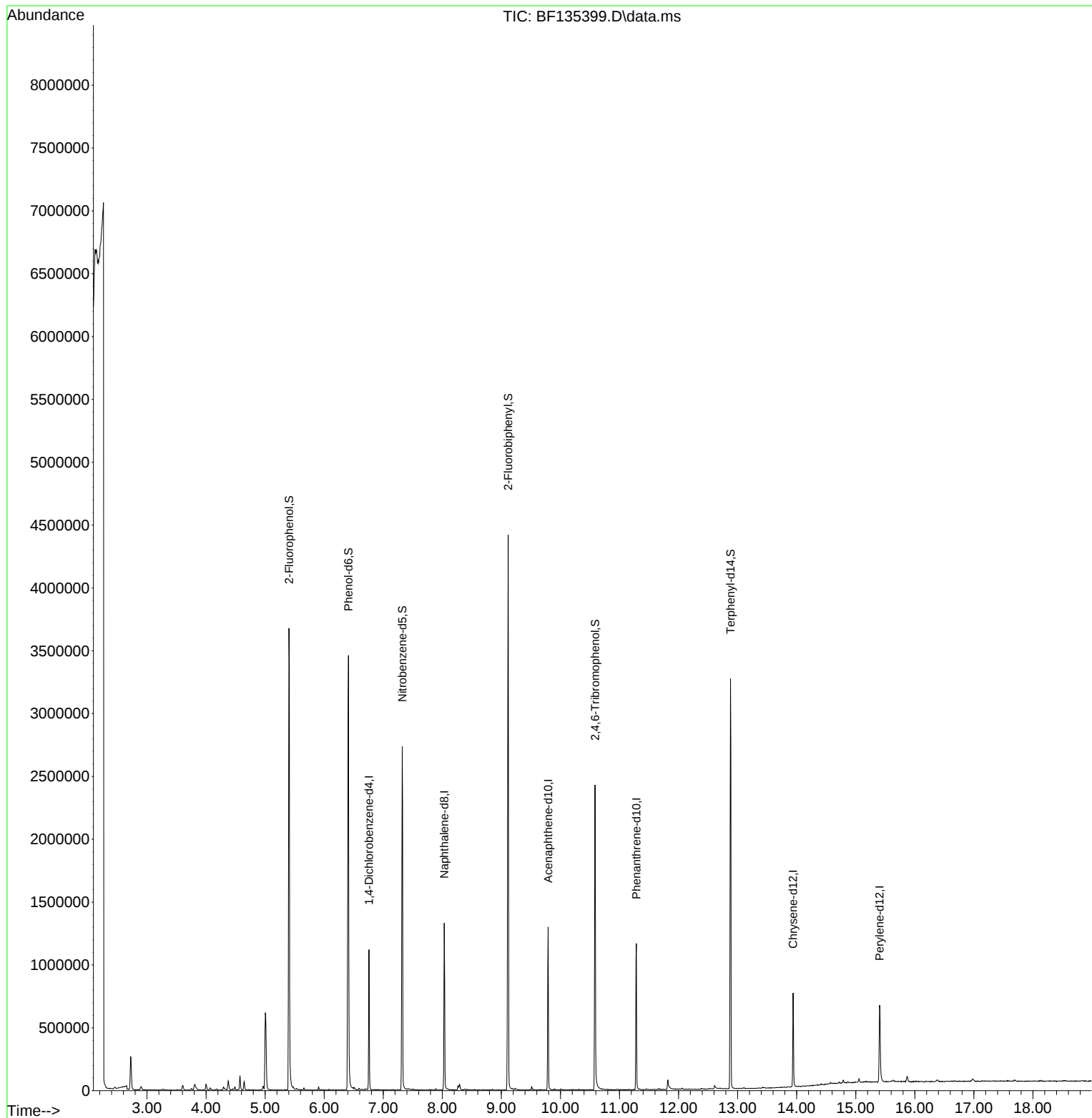
Target Compounds	Qvalue

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

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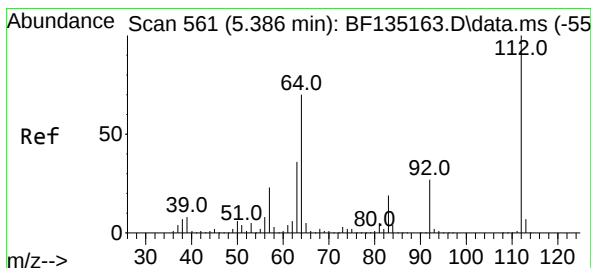
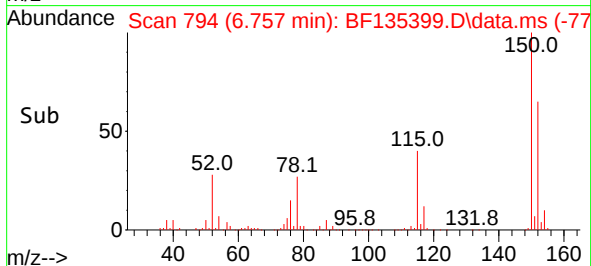
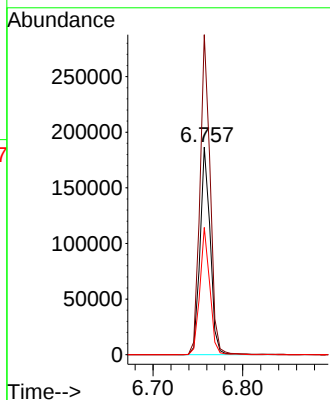
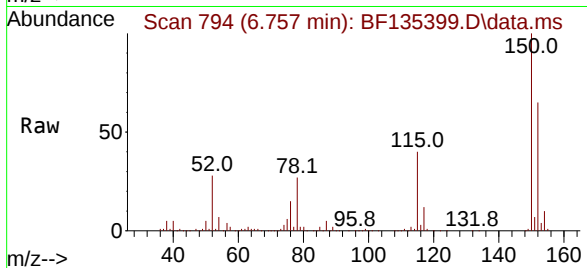




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135399.D
Acq: 22 Sep 2023 14:10

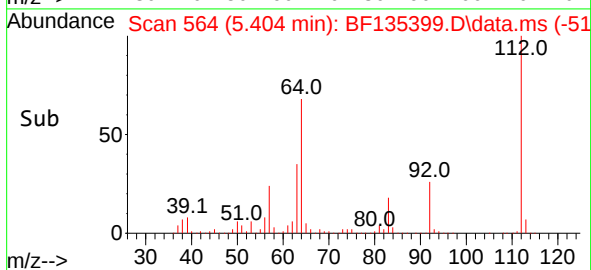
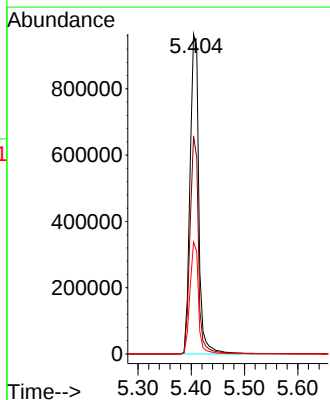
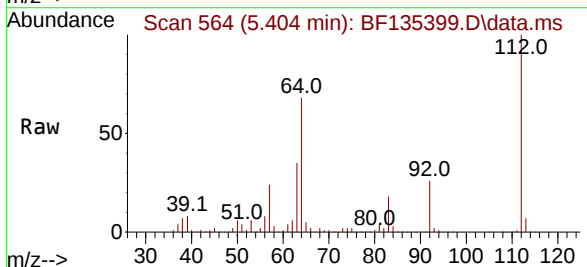
Instrument :
BNA_F
ClientSampleId :
TP-1

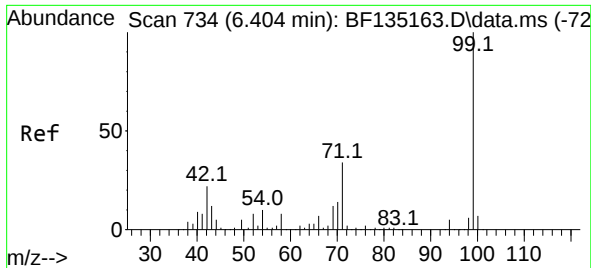
Tgt Ion:152 Resp: 147082
Ion Ratio Lower Upper
152 100
150 154.2 127.8 191.6
115 61.3 49.8 74.8



#5
2-Fluorophenol
Concen: 122.311 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135399.D
Acq: 22 Sep 2023 14:10

Tgt Ion:112 Resp: 1106075
Ion Ratio Lower Upper
112 100
64 68.2 55.9 83.9
63 35.0 29.0 43.6





#7

Phenol-d6

Concen: 114.257 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135399.D

Acq: 22 Sep 2023 14:10

Instrument :

BNA_F

ClientSampleId :

TP-1

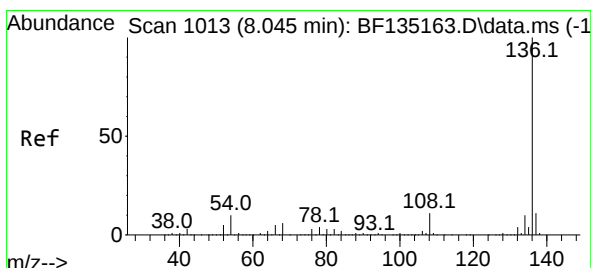
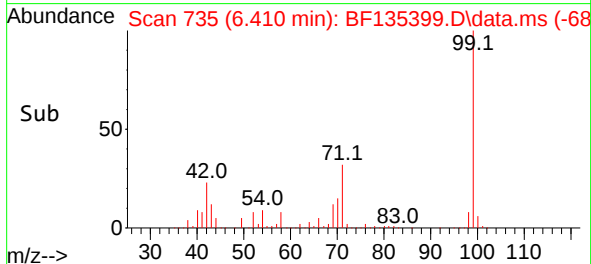
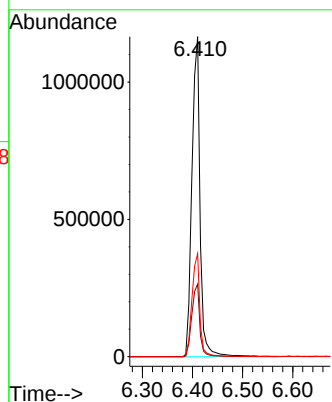
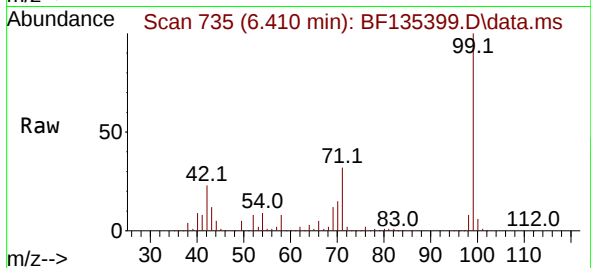
Tgt Ion: 99 Resp: 1313831

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

71 32.2 27.0 40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BF135399.D

Acq: 22 Sep 2023 14:10

Tgt Ion:136 Resp: 541495

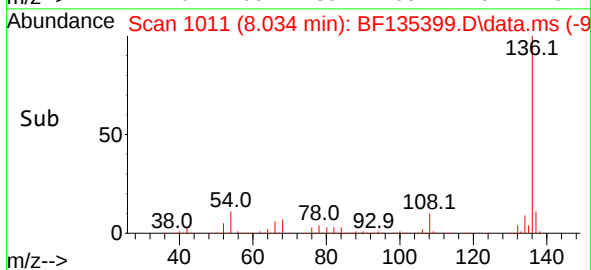
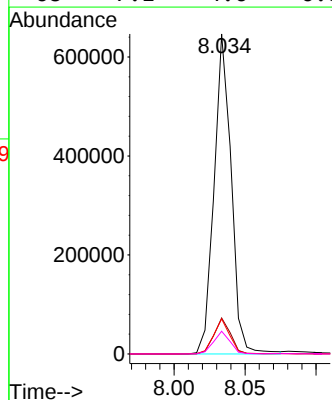
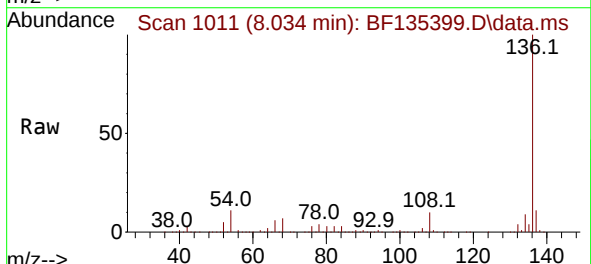
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.9 7.7 11.5

68 7.1 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 93.915 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135399.D

Acq: 22 Sep 2023 14:10

Instrument :

BNA_F

ClientSampleId :

TP-1

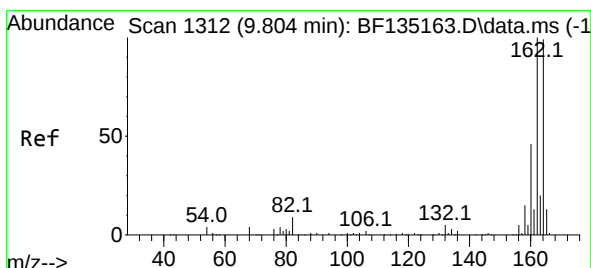
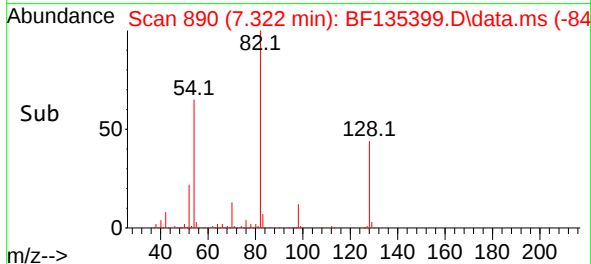
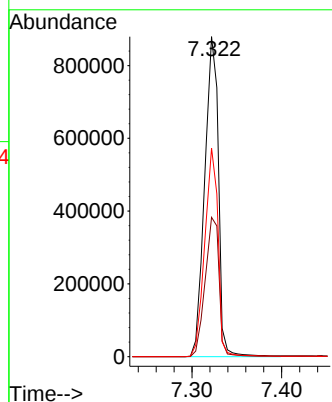
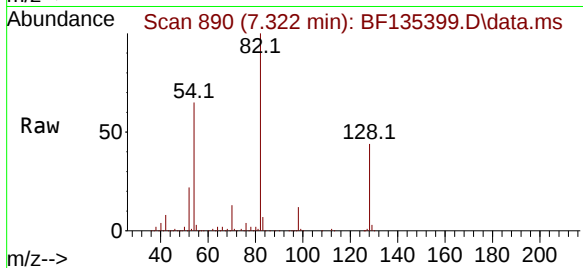
Tgt Ion: 82 Resp: 936040

Ion Ratio Lower Upper

82 100

128 43.6 35.8 53.6

54 65.2 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF135399.D

Acq: 22 Sep 2023 14:10

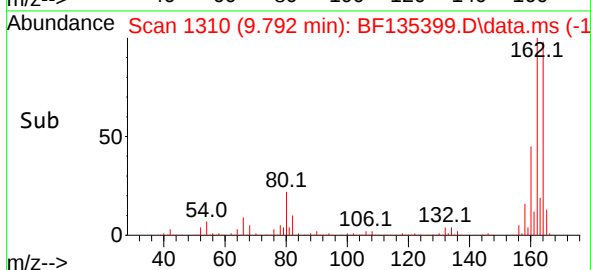
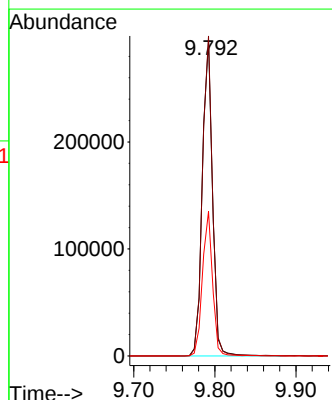
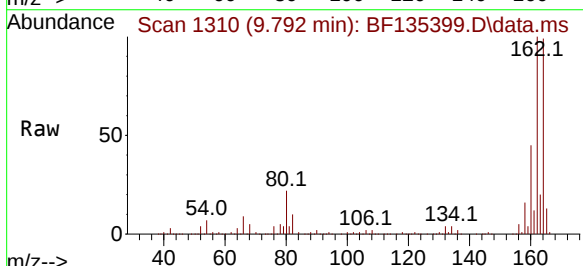
Tgt Ion: 164 Resp: 256995

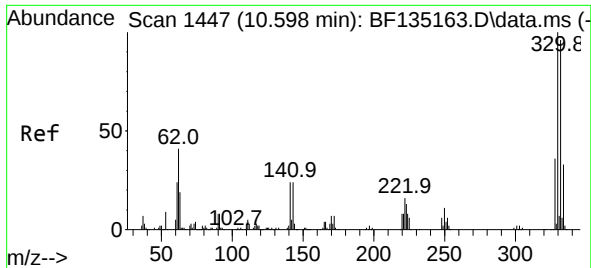
Ion Ratio Lower Upper

164 100

162 101.5 81.0 121.4

160 45.8 37.0 55.4

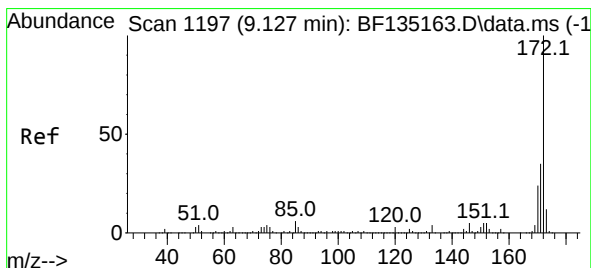
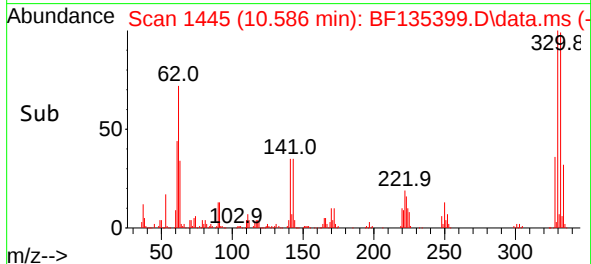
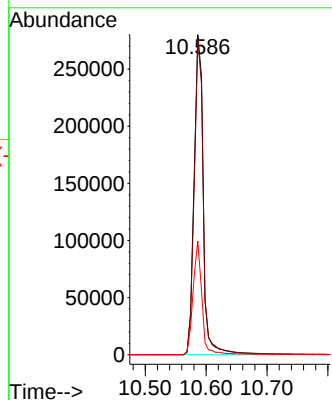
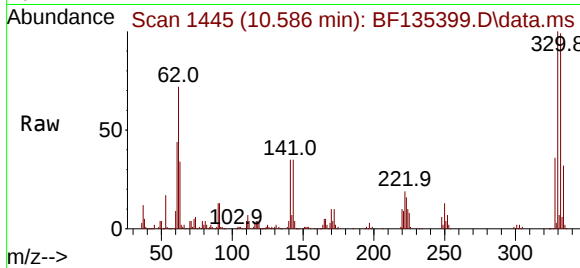




#42
2,4,6-Tribromophenol
Concen: 115.220 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135399.D
Acq: 22 Sep 2023 14:10

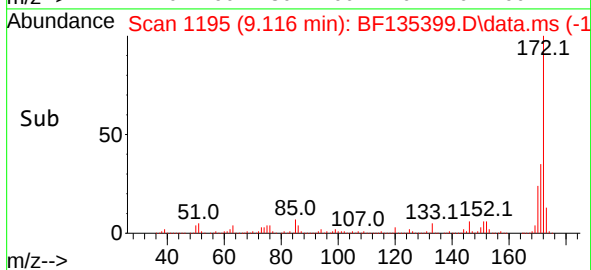
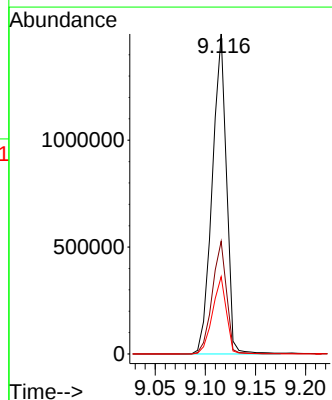
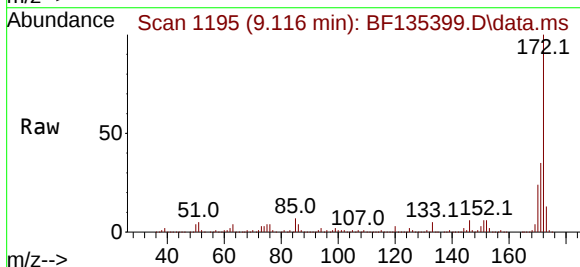
Instrument :
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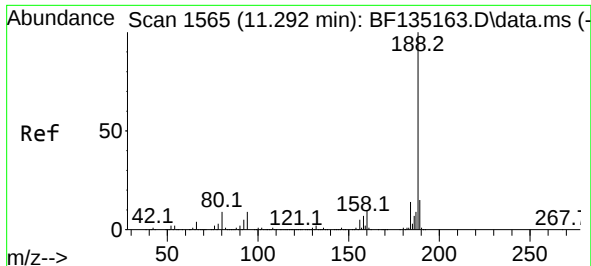
Tgt Ion:330 Resp: 294261
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 34.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 86.945 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135399.D
Acq: 22 Sep 2023 14:10

Tgt Ion:172 Resp: 1481023
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 24.2 19.0 28.4

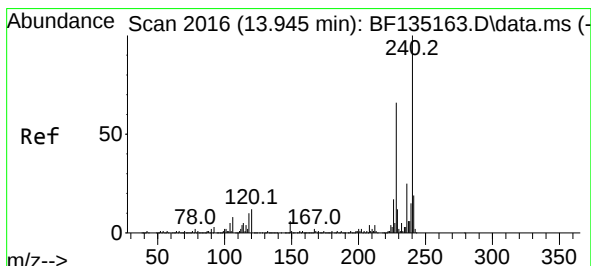
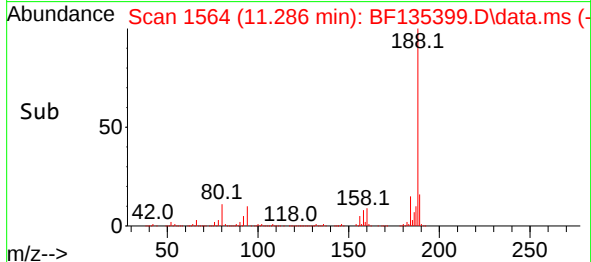
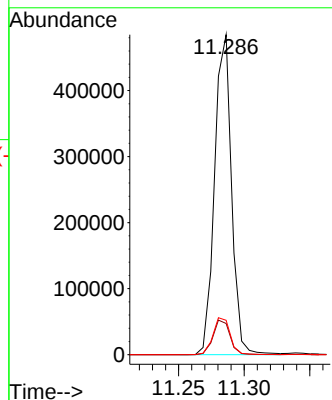
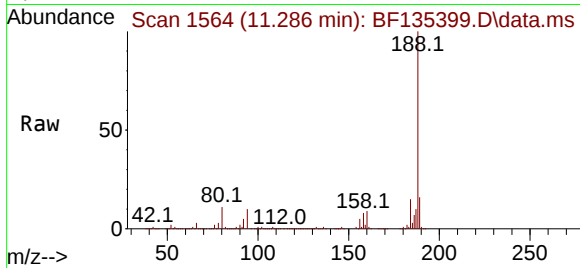




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135399.D
Acq: 22 Sep 2023 14:10

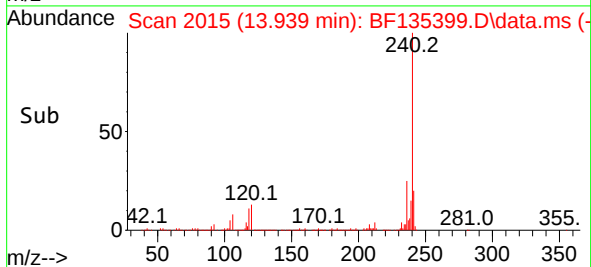
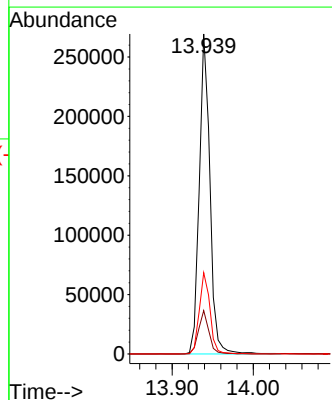
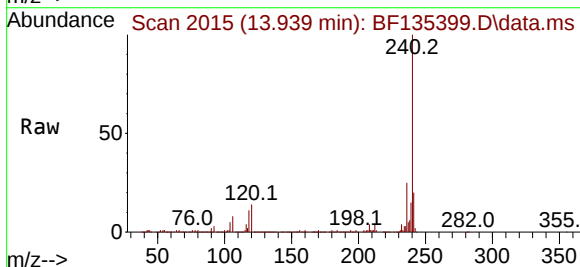
Instrument :
BNA_F
ClientSampleId :
TP-1

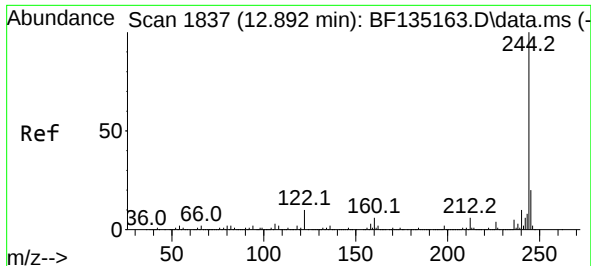
Tgt Ion:188 Resp: 435833
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135399.D
Acq: 22 Sep 2023 14:10

Tgt Ion:240 Resp: 246108
Ion Ratio Lower Upper
240 100
120 13.5 9.4 14.2
236 25.4 19.8 29.8

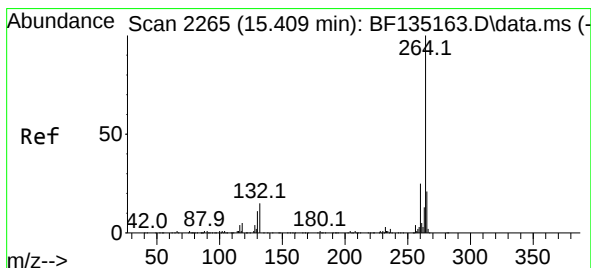
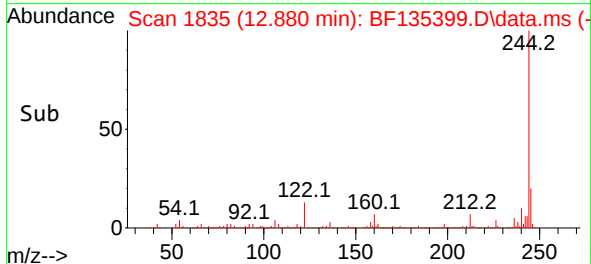
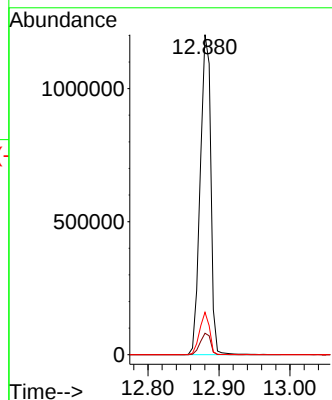
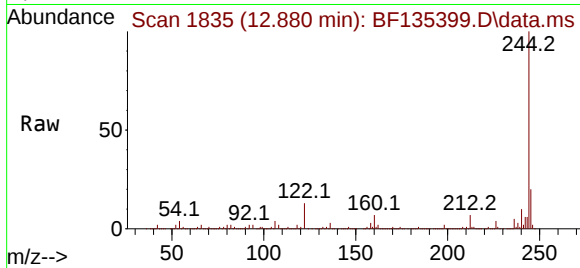




#79
 Terphenyl-d14
 Concen: 78.451 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135399.D
 Acq: 22 Sep 2023 14:10

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 1245485
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 13.3 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF135399.D
 Acq: 22 Sep 2023 14:10

Tgt Ion:264 Resp: 311269
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 21.7 17.0 25.4

