

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135284.D
 Acq On : 15 Sep 2023 17:46
 Operator : CG\JU
 Sample : 04401-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH110

Quant Time: Sep 15 18:25:48 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	93940	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	356387	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	174445	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	313751	20.000	ng	0.00
76) Chrysene-d12	13.939	240	177216	20.000	ng	0.00
86) Perylene-d12	15.404	264	200243	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	674003	116.695	ng	0.01
7) Phenol-d6	6.404	99	782629	106.564	ng	0.00
23) Nitrobenzene-d5	7.322	82	577506	88.038	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	252256	145.513	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1064127	92.033	ng	-0.01
79) Terphenyl-d14	12.886	244	1012847	88.598	ng	0.00

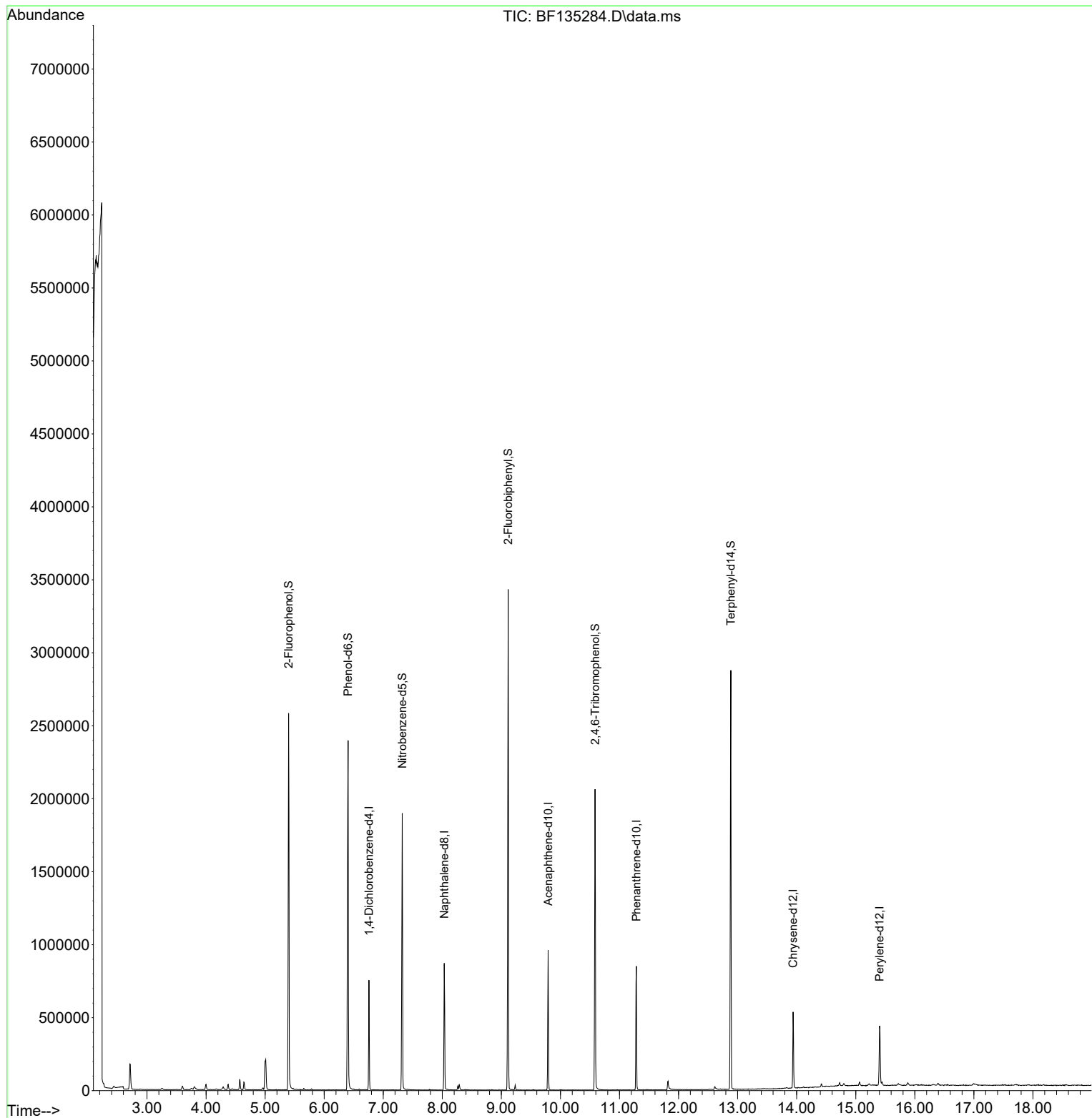
Target Compounds	Qvalue

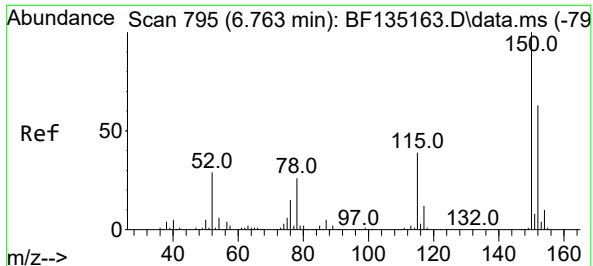
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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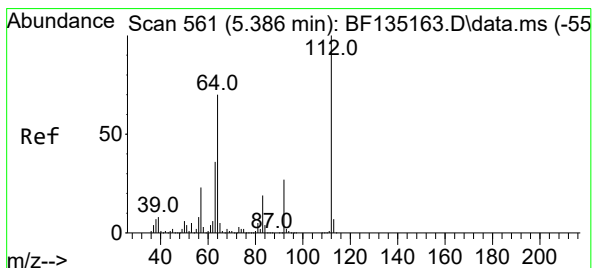
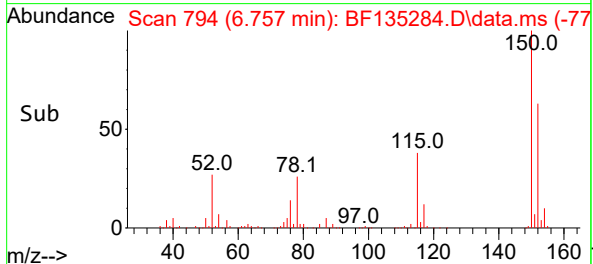
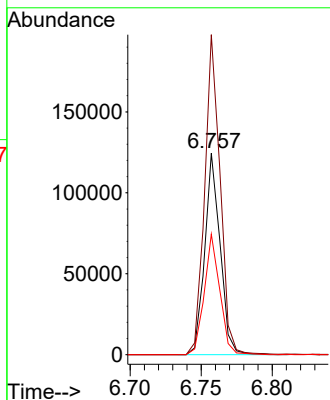
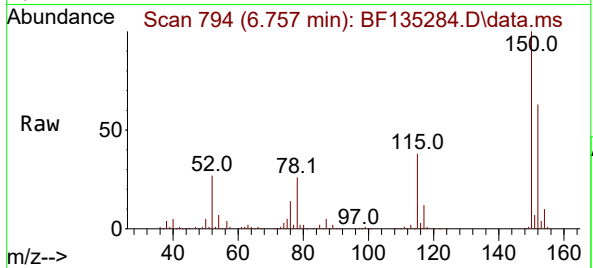




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135284.D
Acq: 15 Sep 2023 17:46

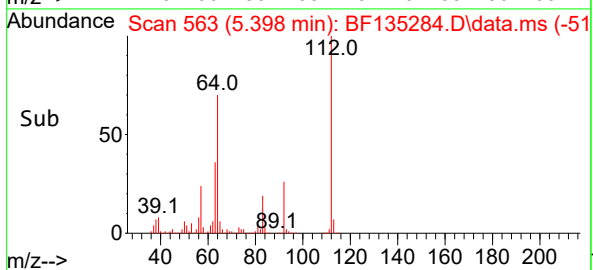
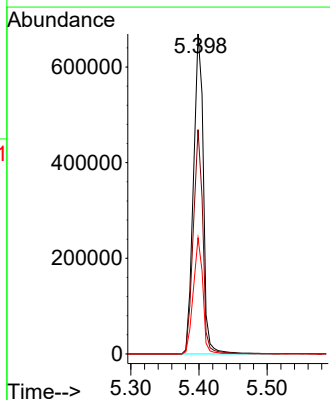
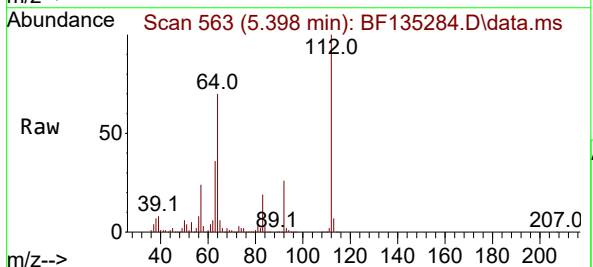
Instrument :
BNA_F
ClientSampleId :
MH110

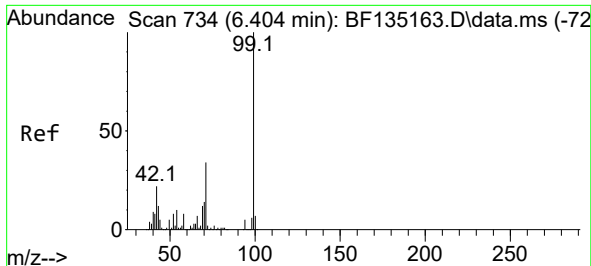
Tgt Ion:152 Resp: 93940
Ion Ratio Lower Upper
152 100
150 158.9 127.8 191.6
115 59.8 49.8 74.8



#5
2-Fluorophenol
Concen: 116.695 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135284.D
Acq: 15 Sep 2023 17:46

Tgt Ion:112 Resp: 674003
Ion Ratio Lower Upper
112 100
64 70.1 55.9 83.9
63 36.3 29.0 43.6

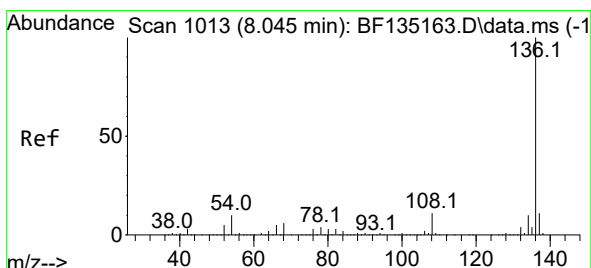
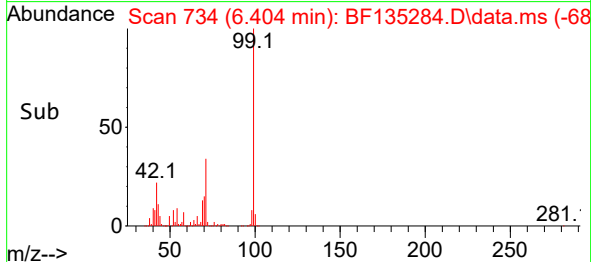
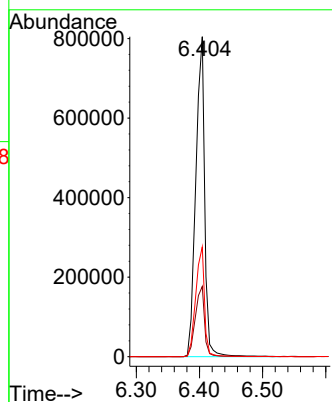
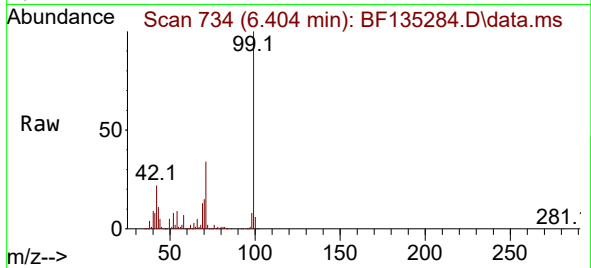




#7
Phenol-d6
Concen: 106.564 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135284.D
Acq: 15 Sep 2023 17:46

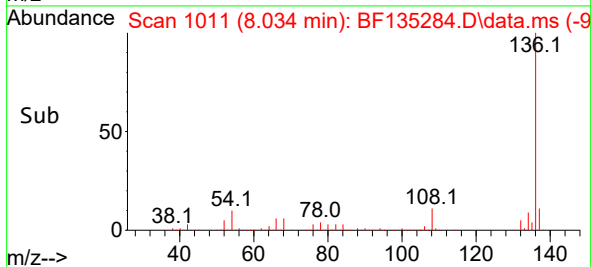
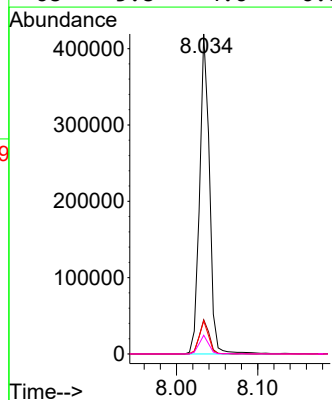
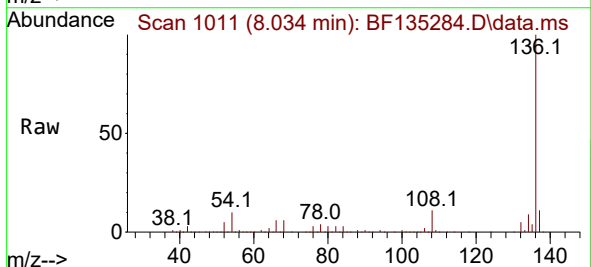
Instrument :
BNA_F
ClientSampleId :
MH110

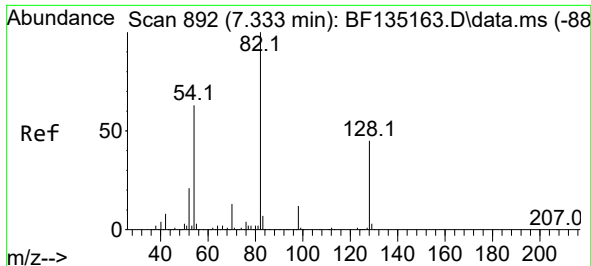
Tgt Ion: 99 Resp: 782629
Ion Ratio Lower Upper
99 100
42 22.0 17.9 26.9
71 34.3 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135284.D
Acq: 15 Sep 2023 17:46

Tgt Ion: 136 Resp: 356387
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.3 7.7 11.5
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 88.038 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135284.D

Acq: 15 Sep 2023 17:46

Instrument :

BNA_F

ClientSampleId :

MH110

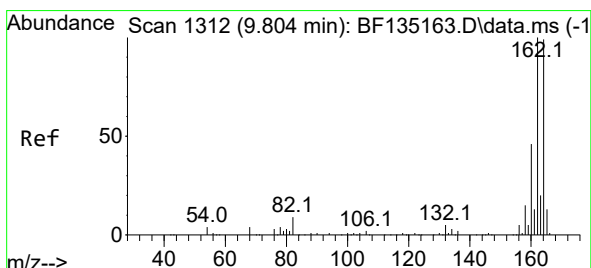
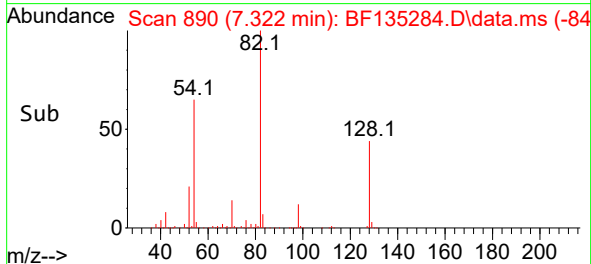
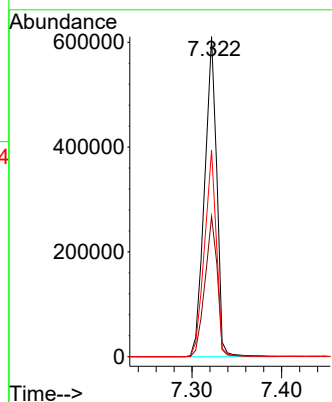
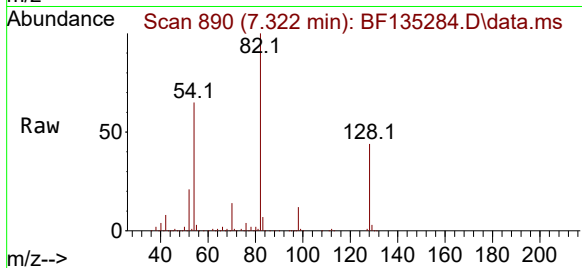
Tgt Ion: 82 Resp: 577506

Ion Ratio Lower Upper

82 100

128 43.8 35.8 53.6

54 64.6 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: BF135284.D

Acq: 15 Sep 2023 17:46

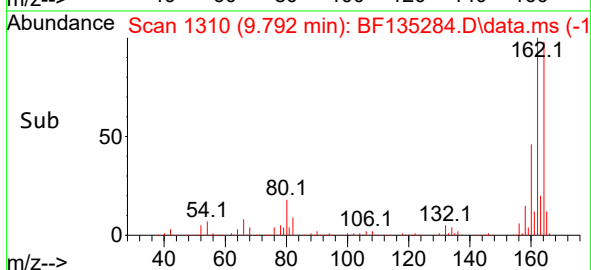
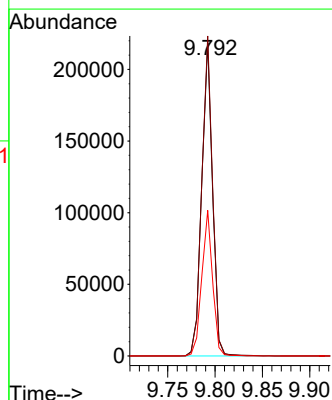
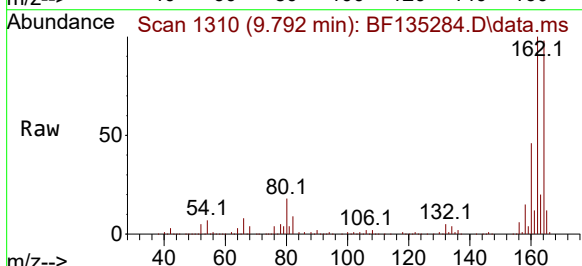
Tgt Ion: 164 Resp: 174445

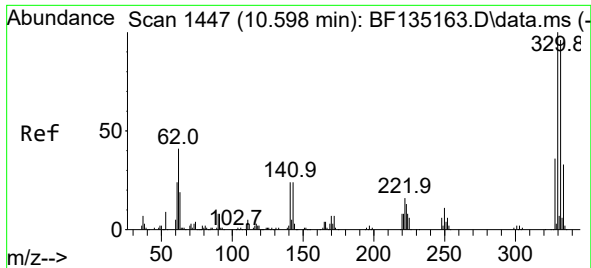
Ion Ratio Lower Upper

164 100

162 102.2 81.0 121.4

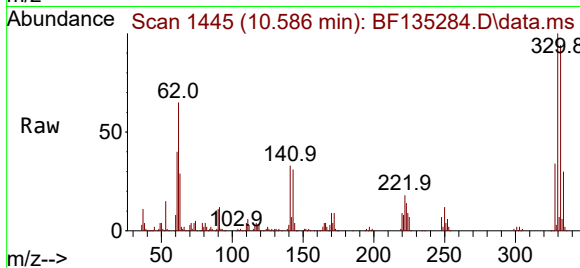
160 46.5 37.0 55.4



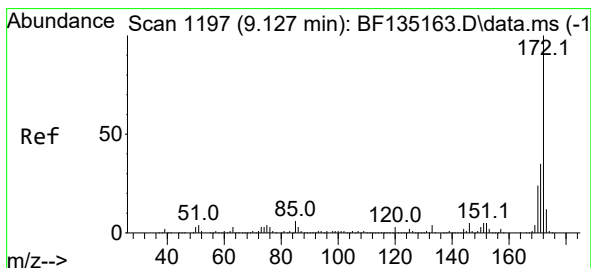
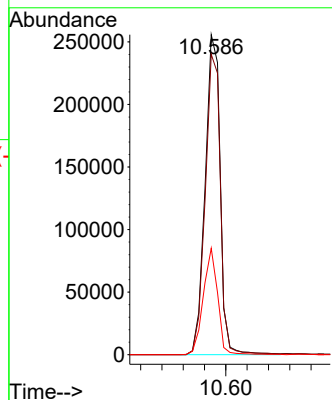
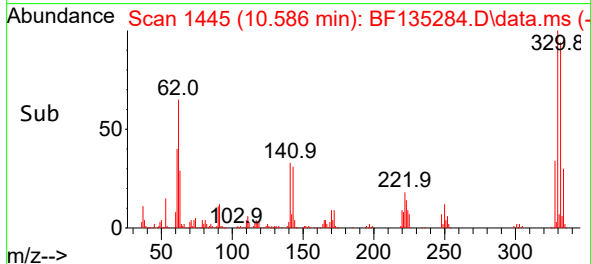


#42
2,4,6-Tribromophenol
Concen: 145.513 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135284.D
Acq: 15 Sep 2023 17:46

Instrument :
BNA_F
ClientSampleId :
MH110

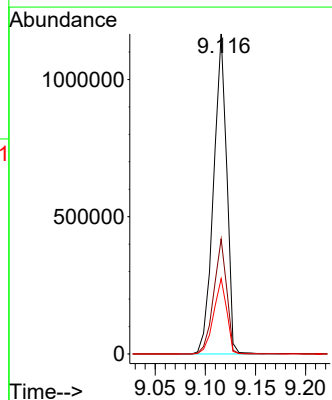
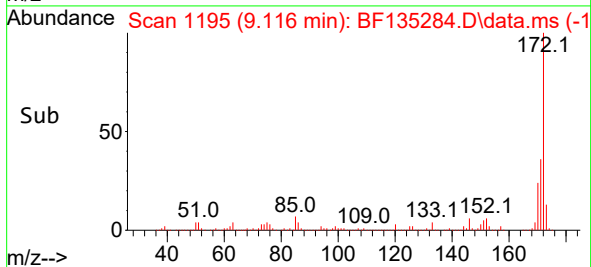
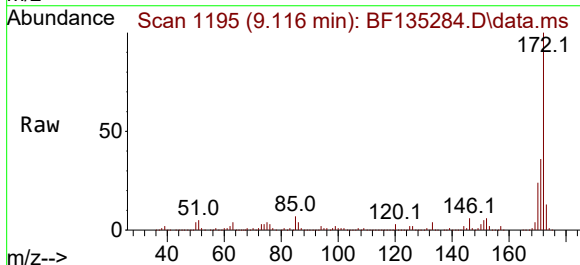


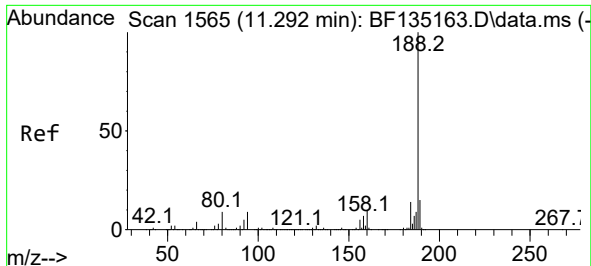
Tgt Ion:330 Resp: 252256
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 31.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 92.033 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135284.D
Acq: 15 Sep 2023 17:46

Tgt Ion:172 Resp: 1064127
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.5 19.0 28.4

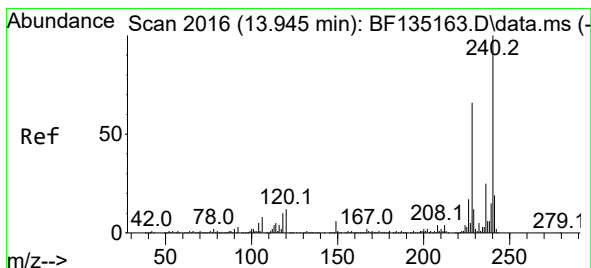
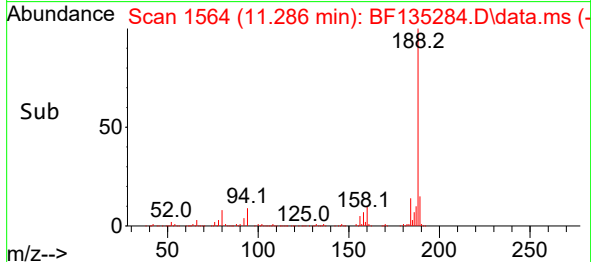
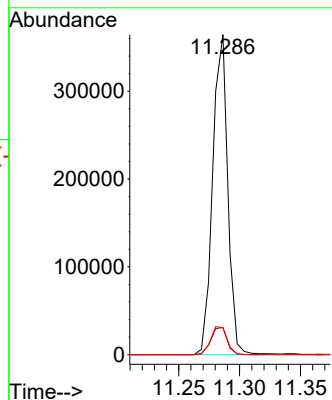
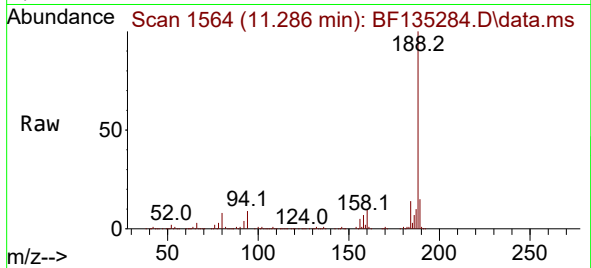




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF135284.D
Acq: 15 Sep 2023 17:46

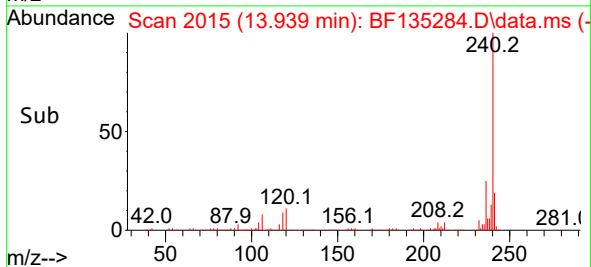
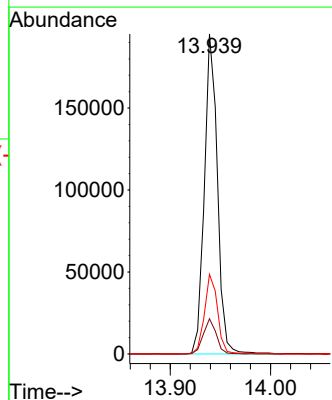
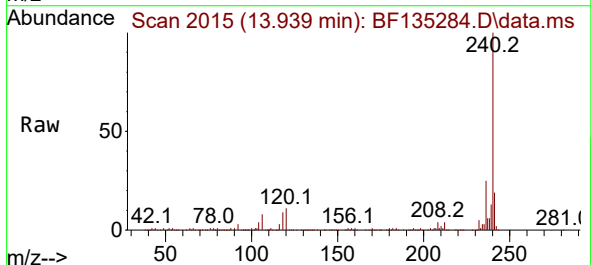
Instrument :
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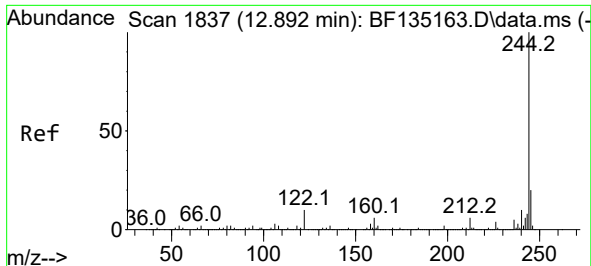
Tgt Ion:188 Resp: 313751
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 8.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135284.D
Acq: 15 Sep 2023 17:46

Tgt Ion:240 Resp: 177216
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.2
236 24.9 19.8 29.8

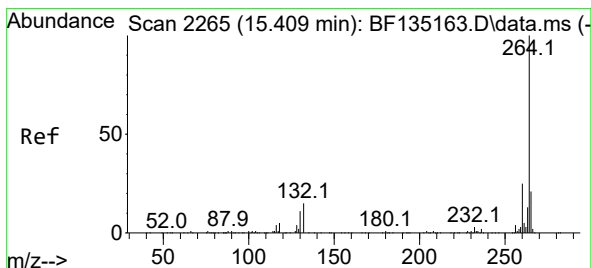
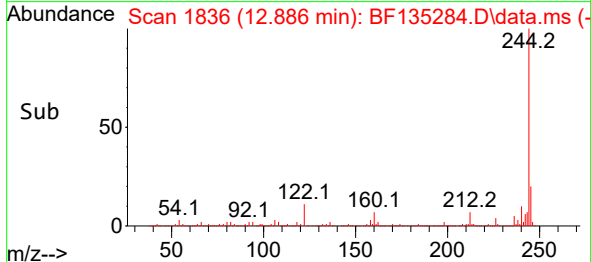
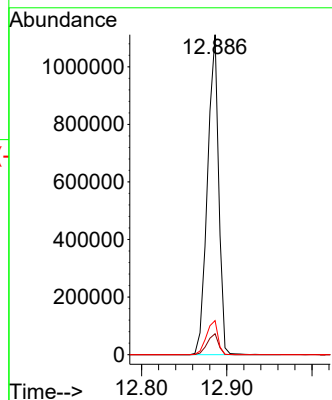
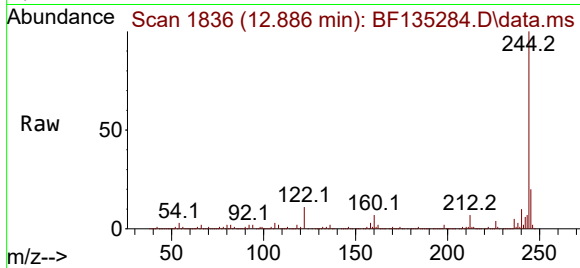




#79
 Terphenyl-d14
 Concen: 88.598 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135284.D
 Acq: 15 Sep 2023 17:46

Instrument :
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 MH110

Tgt Ion:244 Resp: 1012847
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 10.7 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: BF135284.D
 Acq: 15 Sep 2023 17:46

Tgt Ion:264 Resp: 200243
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.8 29.6
 265 22.1 17.0 25.4

