

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135195.D
 Acq On : 12 Sep 2023 22:37
 Operator : CG\JU
 Sample : 04335-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AREA-2

Quant Time: Sep 13 02:47:52 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	6.763	152	110530	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	428663	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	227066	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	454285	20.000	ng	0.00
76) Chrysene-d12	13.939	240	254548	20.000	ng	0.00
86) Perylene-d12	15.404	264	231119	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	776884	114.318	ng	0.01
7) Phenol-d6	6.404	99	982152	113.659	ng	0.00
23) Nitrobenzene-d5	7.328	82	617728	78.292	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	281488	124.746	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1169887	77.732	ng	0.00
79) Terphenyl-d14	12.892	244	1292095	78.688	ng	0.00

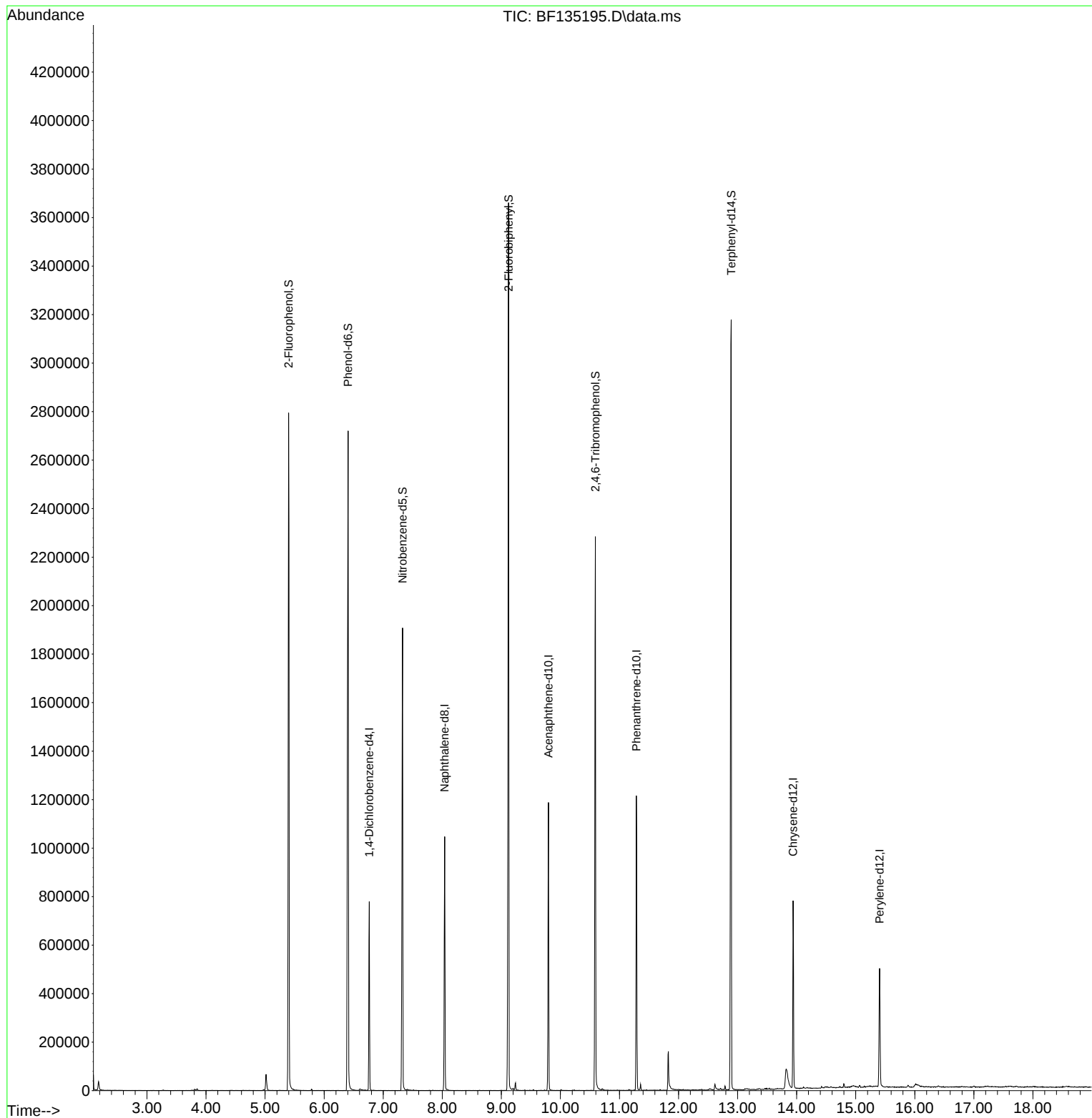
Target Compounds	Qvalue

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

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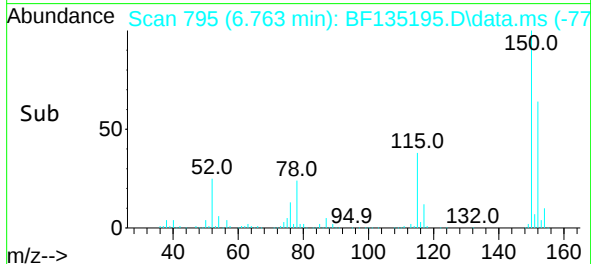
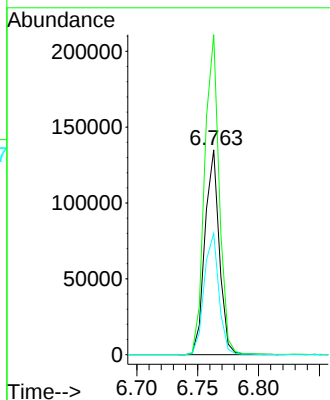
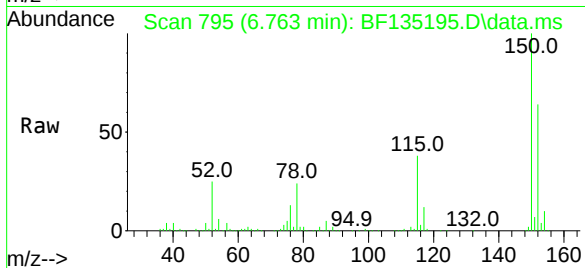




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135195.D
Acq: 12 Sep 2023 22:37

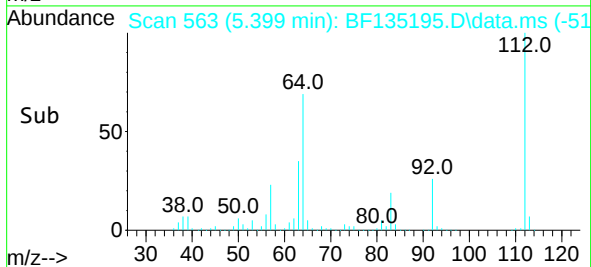
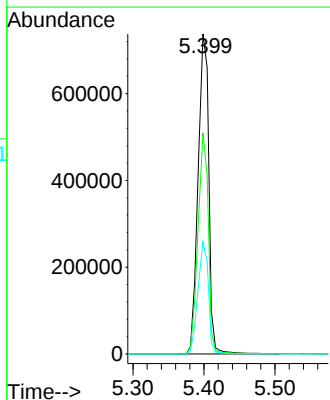
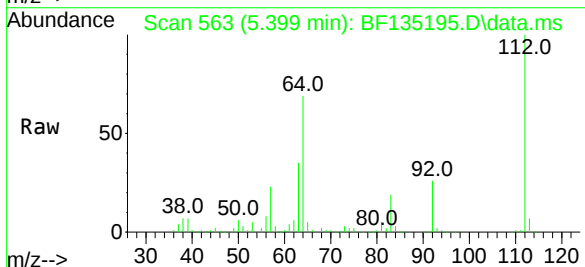
Instrument :
BNA_F
ClientSampleId :
AREA-2

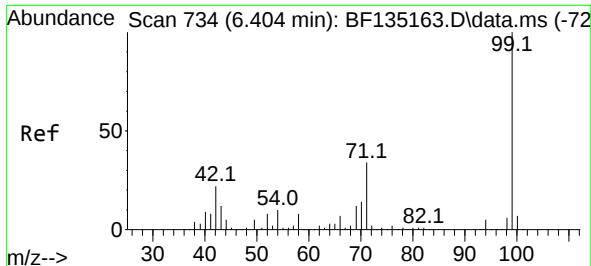
Tgt Ion:152 Resp: 110530
Ion Ratio Lower Upper
152 100
150 156.3 127.8 191.6
115 59.3 49.8 74.8



#5
2-Fluorophenol
Concen: 114.318 ng
RT: 5.399 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135195.D
Acq: 12 Sep 2023 22:37

Tgt Ion:112 Resp: 776884
Ion Ratio Lower Upper
112 100
64 69.1 55.9 83.9
63 35.1 29.0 43.6





#7

Phenol-d6

Concen: 113.659 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135195.D

Acq: 12 Sep 2023 22:37

Instrument :

BNA_F

ClientSampleId :

AREA-2

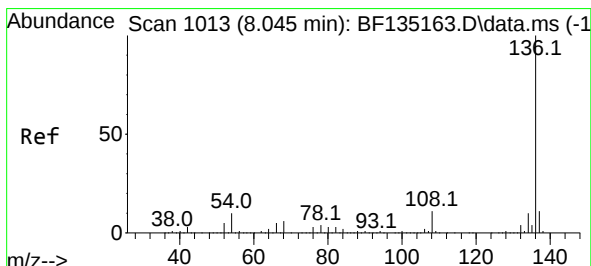
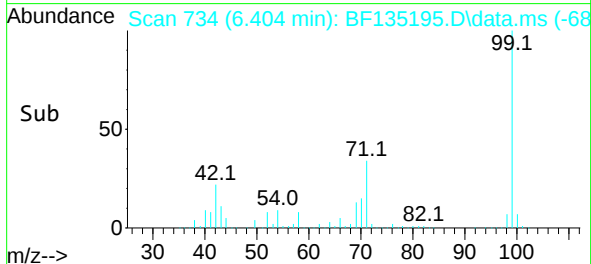
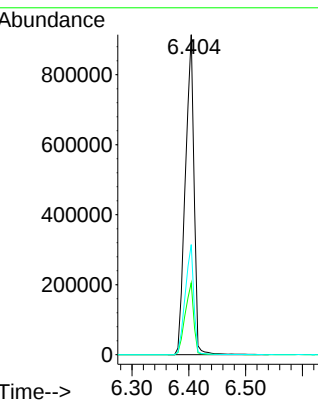
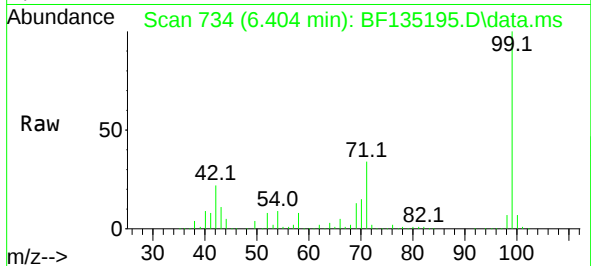
Tgt Ion: 99 Resp: 982152

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

71 34.4 27.0 40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.040 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF135195.D

Acq: 12 Sep 2023 22:37

Tgt Ion: 136 Resp: 428663

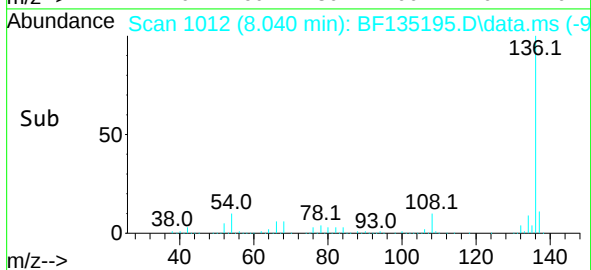
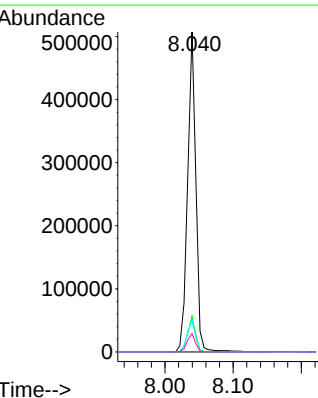
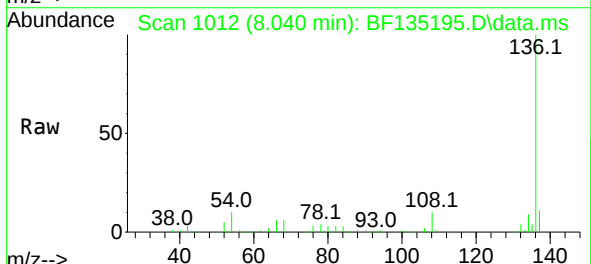
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.9 7.7 11.5

68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 78.292 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135195.D

Acq: 12 Sep 2023 22:37

Instrument :

BNA_F

ClientSampleId :

AREA-2

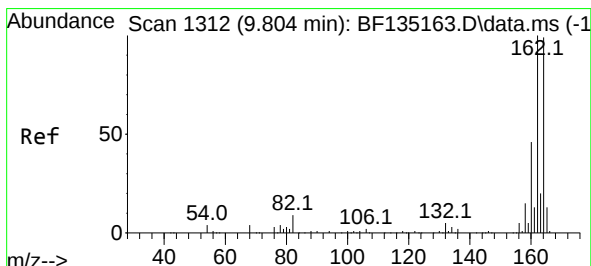
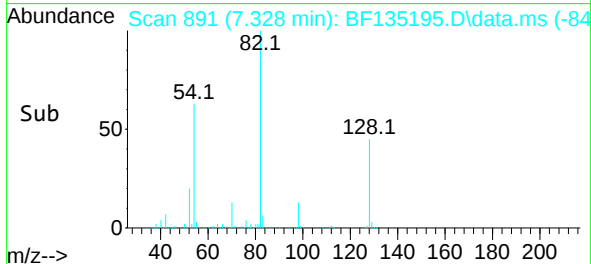
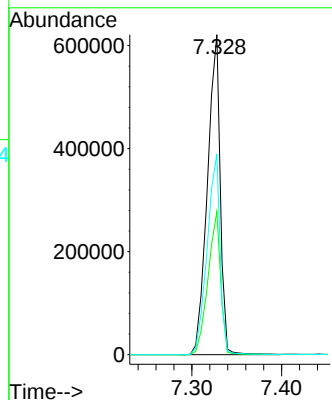
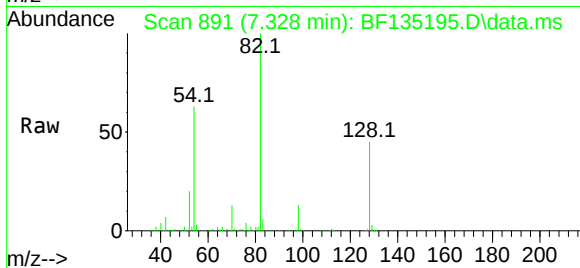
Tgt Ion: 82 Resp: 617728

Ion Ratio Lower Upper

82 100

128 44.7 35.8 53.6

54 62.7 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF135195.D

Acq: 12 Sep 2023 22:37

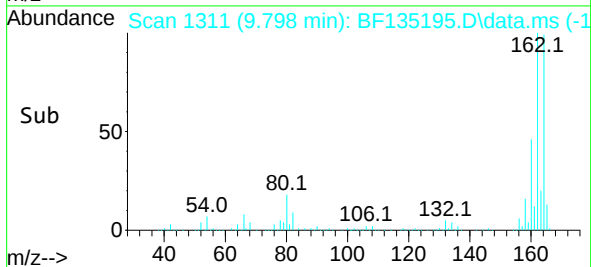
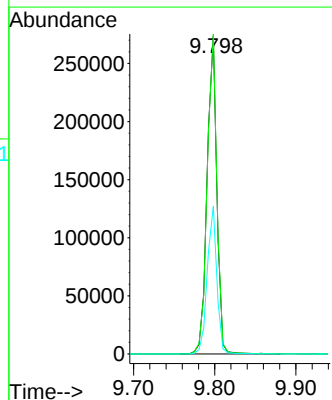
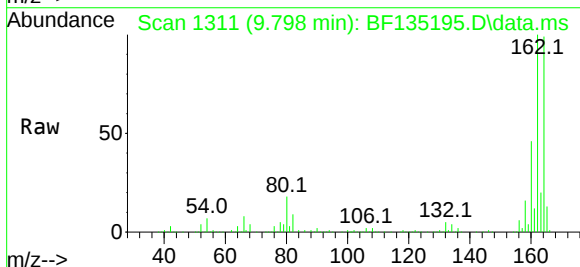
Tgt Ion:164 Resp: 227066

Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.4

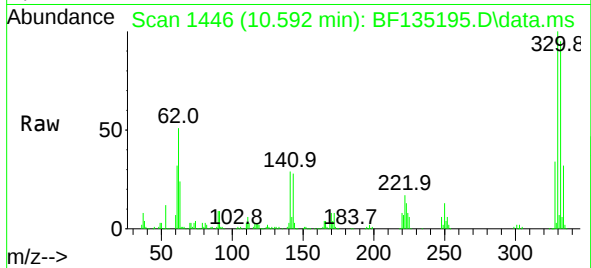
160 46.5 37.0 55.4



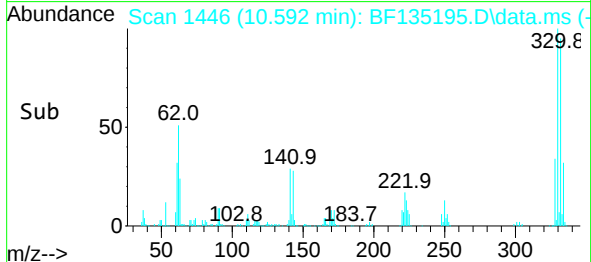
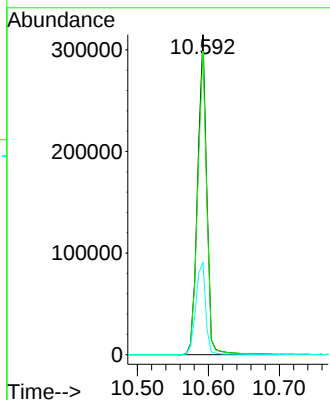


#42
2,4,6-Tribromophenol
Concen: 124.746 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135195.D
Acq: 12 Sep 2023 22:37

Instrument :
BNA_F
ClientSampleId :
AREA-2

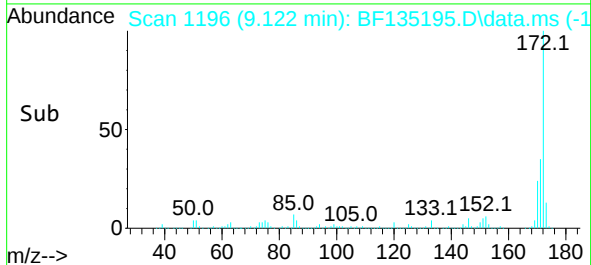
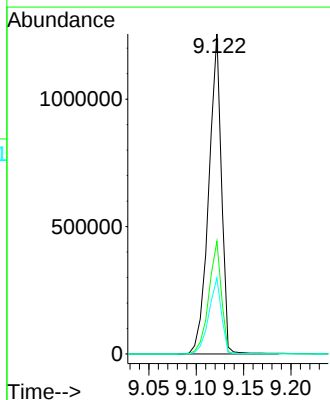
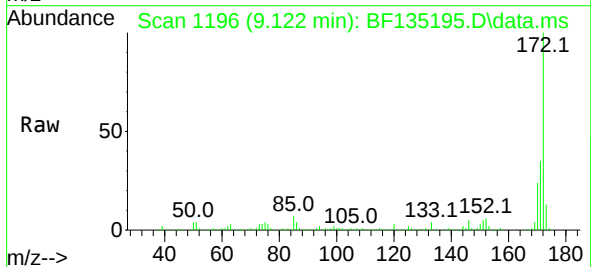


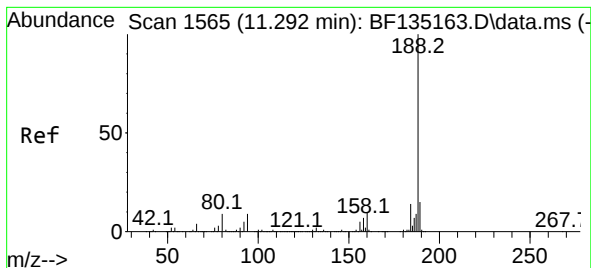
Tgt Ion: 330 Resp: 281488
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 31.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 77.732 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135195.D
Acq: 12 Sep 2023 22:37

Tgt Ion: 172 Resp: 1169887
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.8 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: BF135195.D

Acq: 12 Sep 2023 22:37

Instrument :

BNA_F

ClientSampleId :

AREA-2

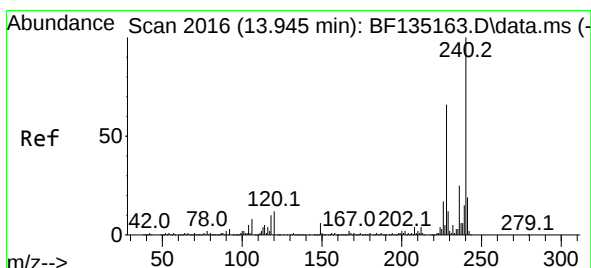
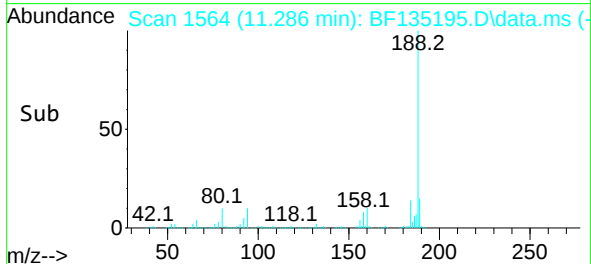
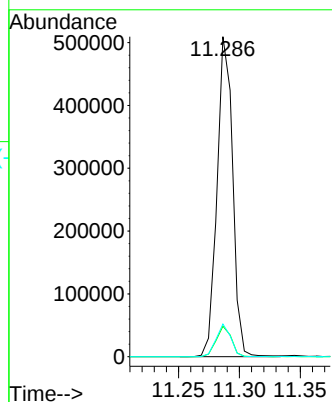
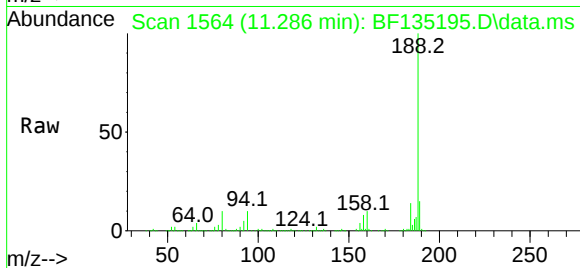
Tgt Ion:188 Resp: 454285

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

80 10.2 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: BF135195.D

Acq: 12 Sep 2023 22:37

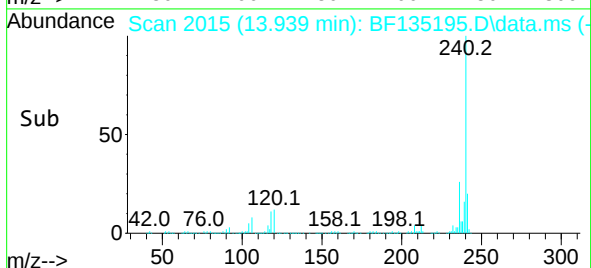
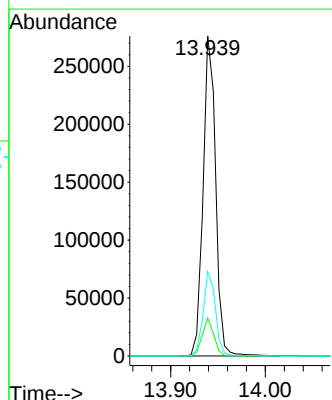
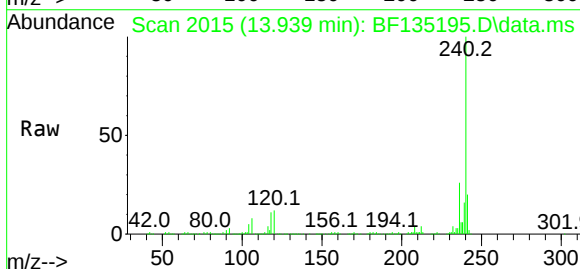
Tgt Ion:240 Resp: 254548

Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.2

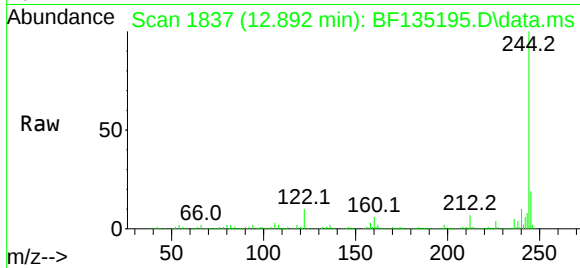
236 26.3 19.8 29.8



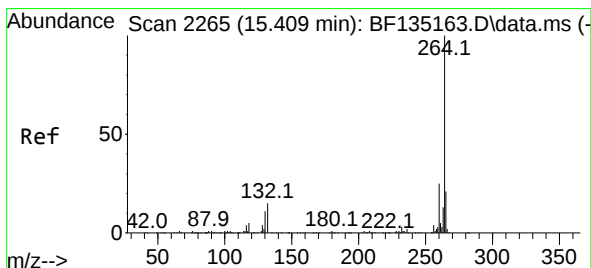
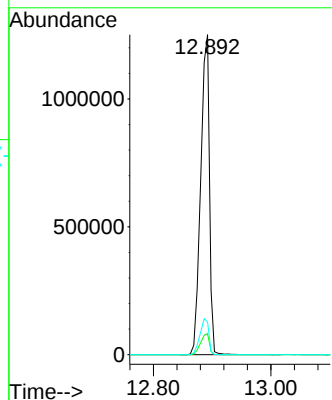
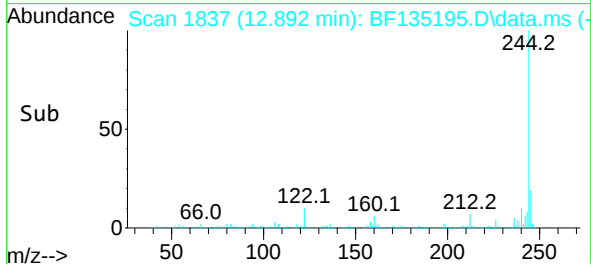


#79
 Terphenyl-d14
 Concen: 78.688 ng
 RT: 12.892 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135195.D
 Acq: 12 Sep 2023 22:37

Instrument :
 BNA_F
 ClientSampleId :
 AREA-2



Tgt Ion:244 Resp: 1292095
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.1 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: BF135195.D
 Acq: 12 Sep 2023 22:37

Tgt Ion:264 Resp: 231119
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.8 29.6
 265 21.4 17.0 25.4

