

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135115.D
 Acq On : 06 Sep 2023 02:48
 Operator : CG\JU
 Sample : 04203-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(12-12.5)

Quant Time: Sep 06 03:48:05 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	6.775	152	109371	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	436897	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	204459	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	311333	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	232368	20.000	ng	0.00
86) Perylene-d12	15.427	264	203253	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	605356	85.493	ng	0.00
7) Phenol-d6	6.416	99	741818	84.052	ng	0.00
23) Nitrobenzene-d5	7.334	82	451666	58.080	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	150516	69.398	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	764157	60.850	ng	0.00
79) Terphenyl-d14	12.898	244	681993	47.896	ng	0.00

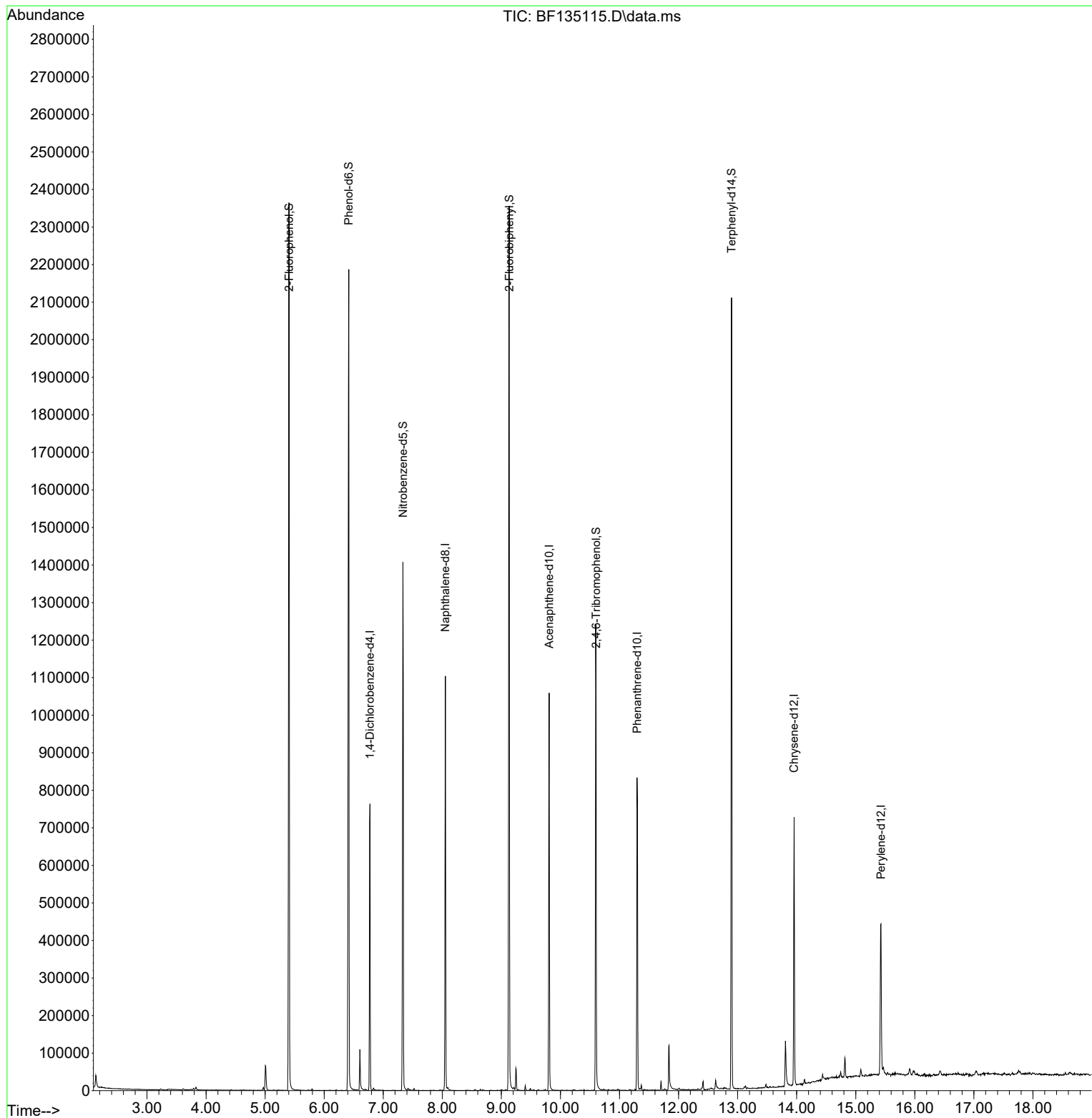
Target Compounds	Qvalue

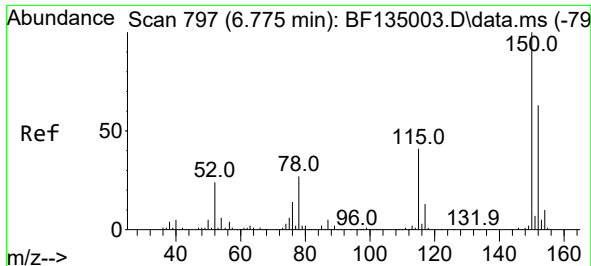
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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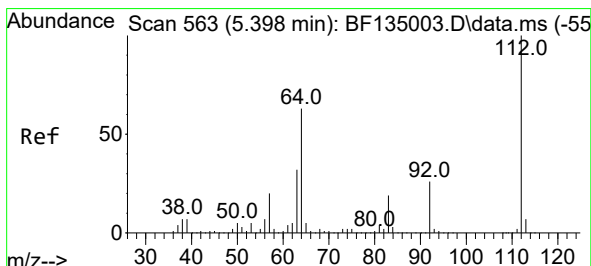
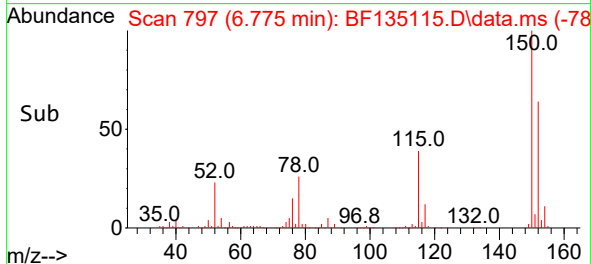
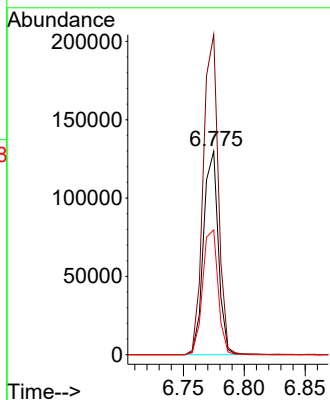
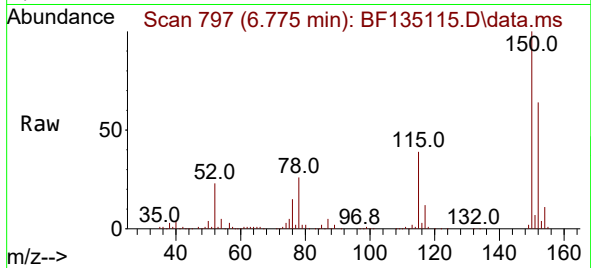




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF135115.D
Acq: 06 Sep 2023 02:48

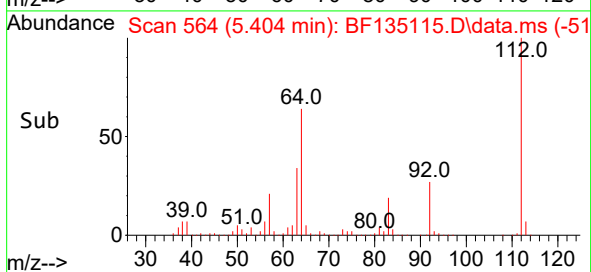
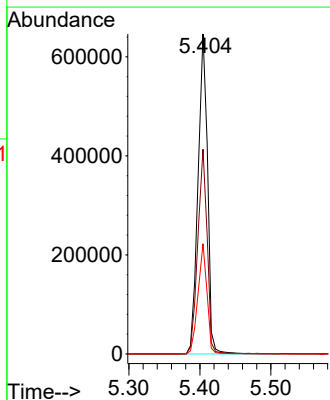
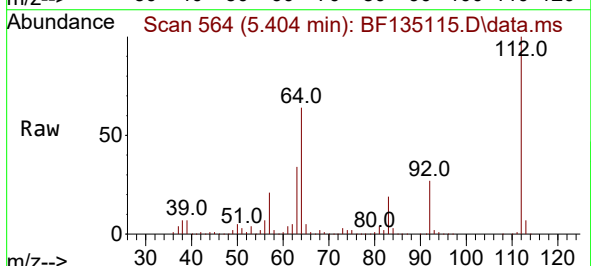
Instrument :
BNA_F
ClientSampleId :
SB-3(12-12.5)

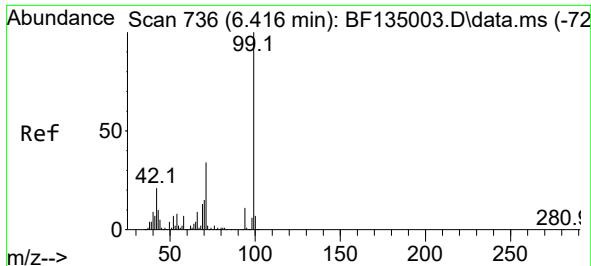
Tgt Ion:152 Resp: 109371
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.4
115 61.3 51.2 76.8



#5
2-Fluorophenol
Concen: 85.493 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135115.D
Acq: 06 Sep 2023 02:48

Tgt Ion:112 Resp: 605356
Ion Ratio Lower Upper
112 100
64 64.0 50.5 75.7
63 34.5 25.9 38.9

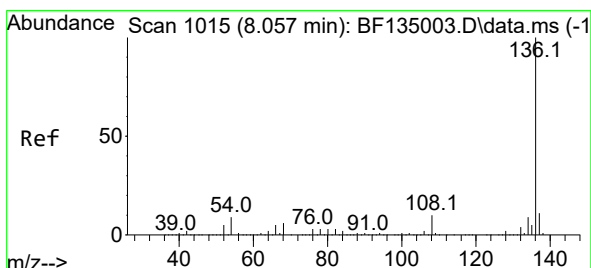
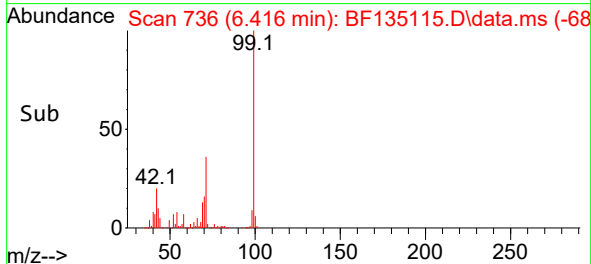
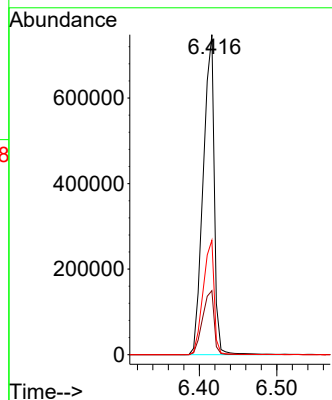
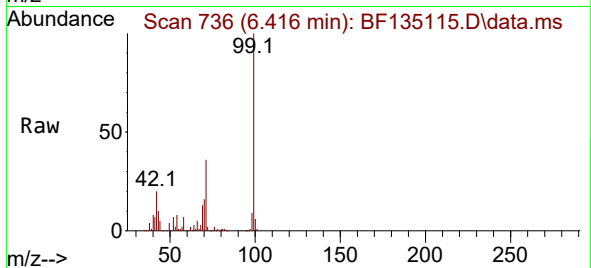




#7
Phenol-d6
Concen: 84.052 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135115.D
Acq: 06 Sep 2023 02:48

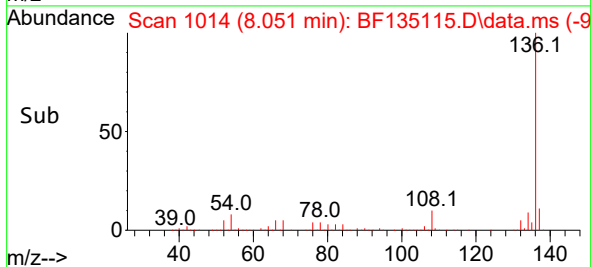
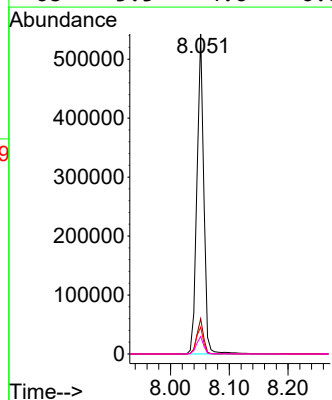
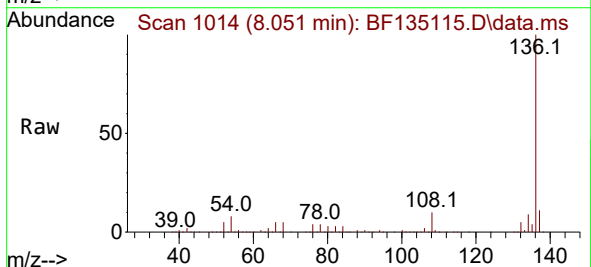
Instrument :
BNA_F
ClientSampleId :
SB-3(12-12.5)

Tgt Ion: 99 Resp: 741818
Ion Ratio Lower Upper
99 100
42 20.0 16.6 25.0
71 35.8 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: BF135115.D
Acq: 06 Sep 2023 02:48

Tgt Ion: 136 Resp: 436897
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.4 7.0 10.4
68 5.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 58.080 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135115.D

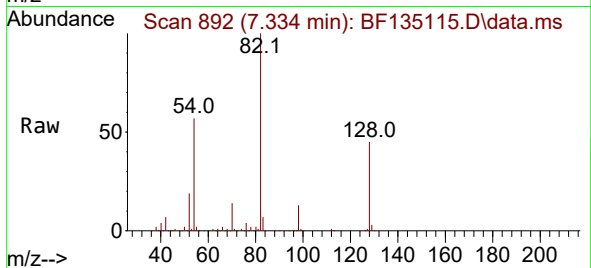
Acq: 06 Sep 2023 02:48

Instrument :

BNA_F

ClientSampleId :

SB-3(12-12.5)



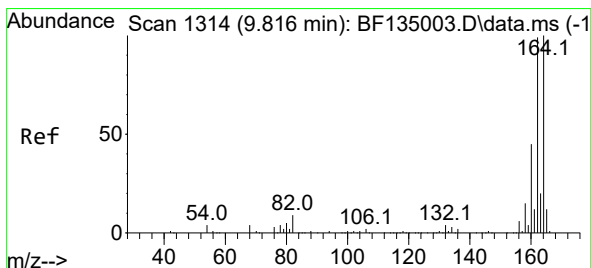
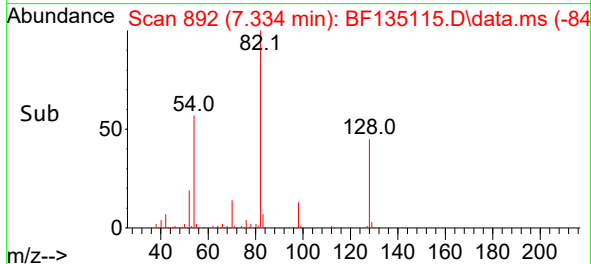
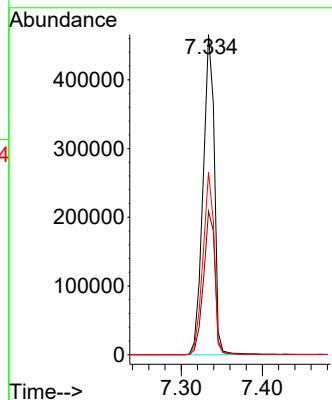
Tgt Ion: 82 Resp: 451666

Ion Ratio Lower Upper

82 100

128 44.8 37.8 56.8

54 57.0 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: BF135115.D

Acq: 06 Sep 2023 02:48

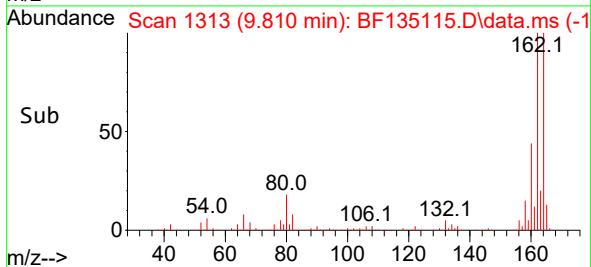
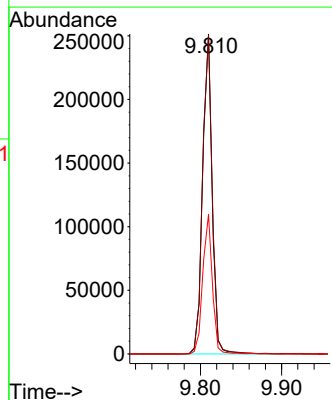
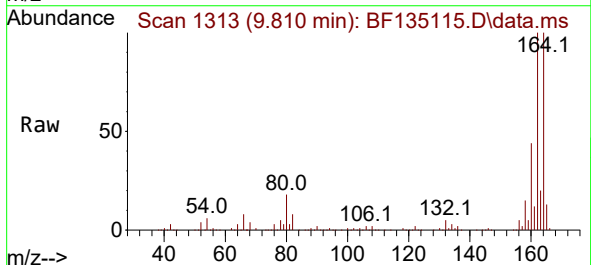
Tgt Ion: 164 Resp: 204459

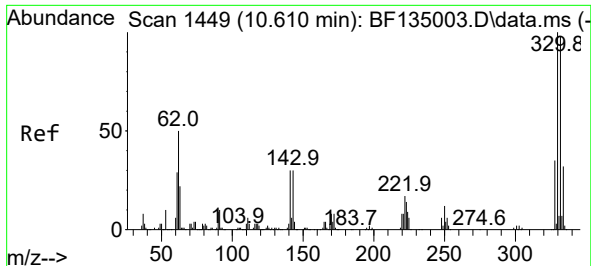
Ion Ratio Lower Upper

164 100

162 99.7 79.5 119.3

160 43.7 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 69.398 ng

RT: 10.604 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF135115.D

Acq: 06 Sep 2023 02:48

Instrument :

BNA_F

ClientSampleId :

SB-3(12-12.5)

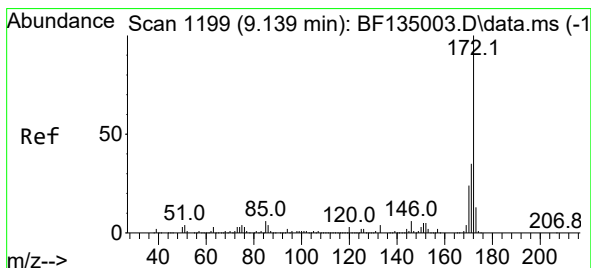
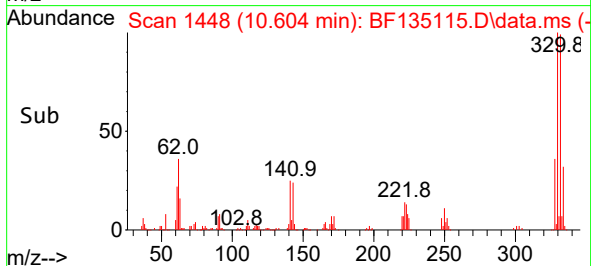
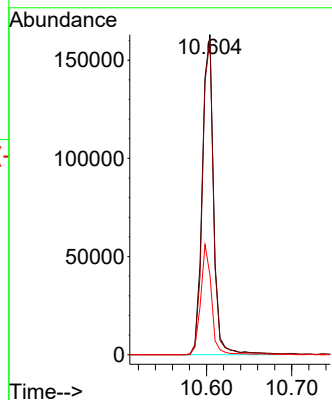
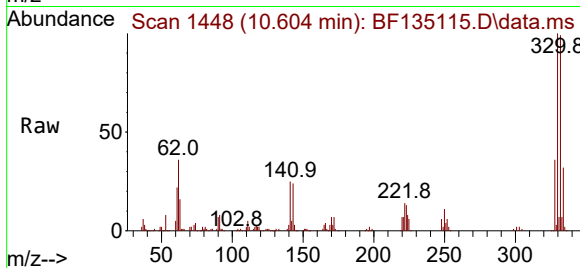
Tgt Ion:330 Resp: 150516

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

141 32.6 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 60.850 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135115.D

Acq: 06 Sep 2023 02:48

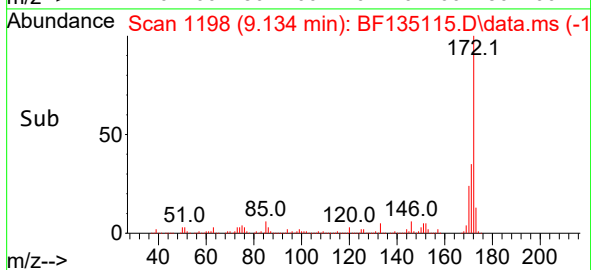
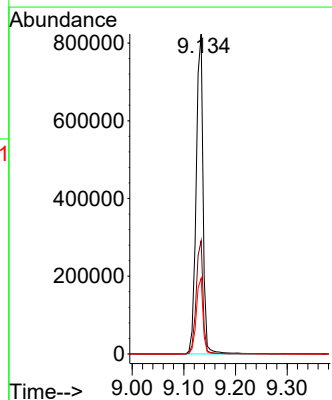
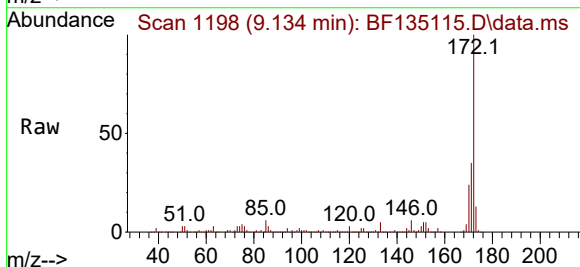
Tgt Ion:172 Resp: 764157

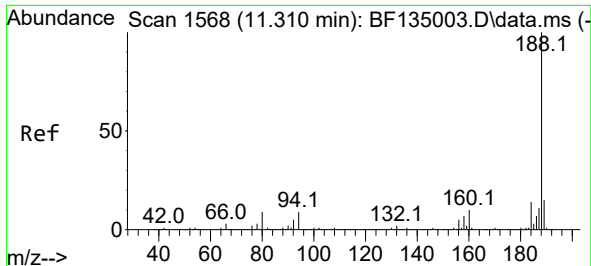
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.6 19.0 28.4

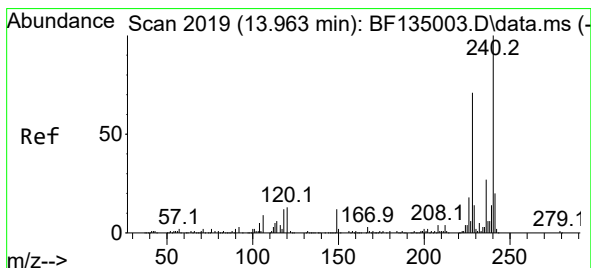
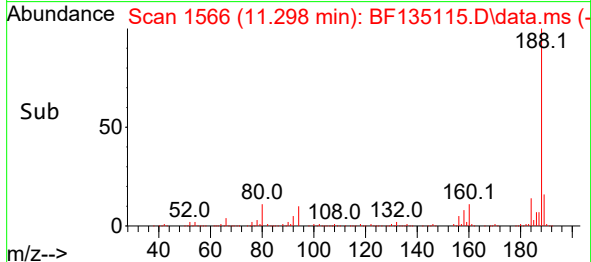
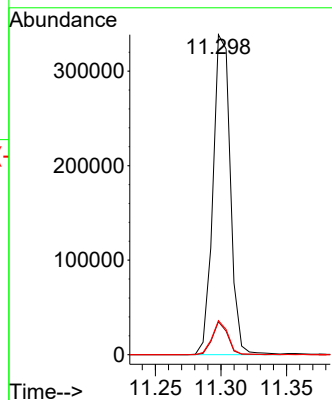
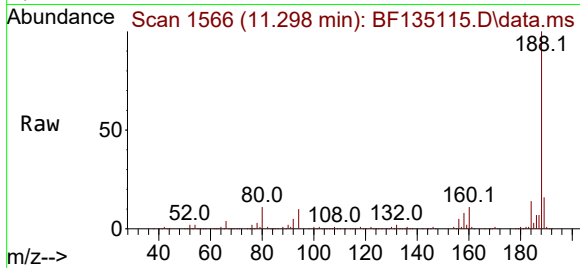




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135115.D
Acq: 06 Sep 2023 02:48

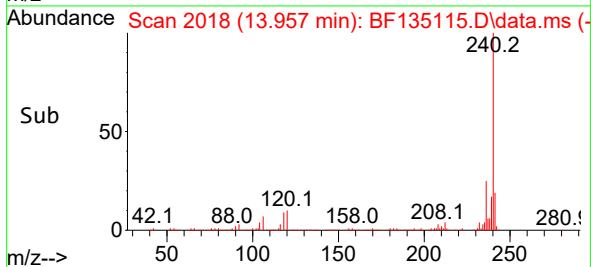
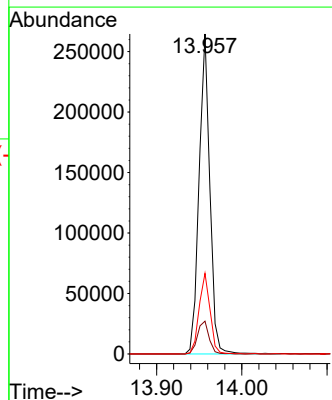
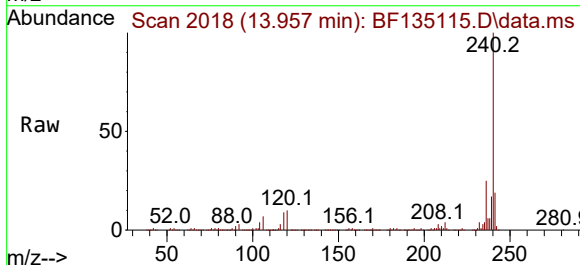
Instrument :
BNA_F
ClientSampleId :
SB-3(12-12.5)

Tgt Ion:188 Resp: 311333
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.4
80 10.7 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: BF135115.D
Acq: 06 Sep 2023 02:48

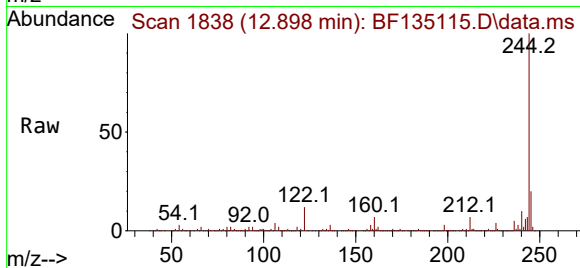
Tgt Ion:240 Resp: 232368
Ion Ratio Lower Upper
240 100
120 10.3 10.2 15.2
236 25.2 21.3 31.9



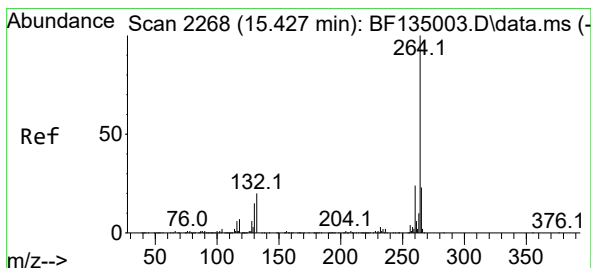
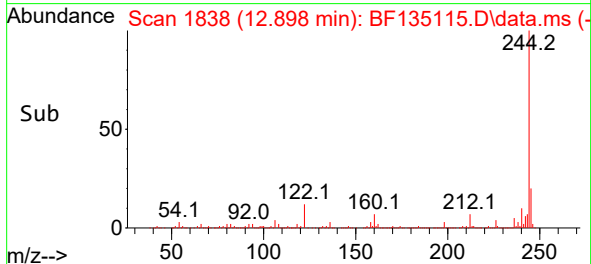
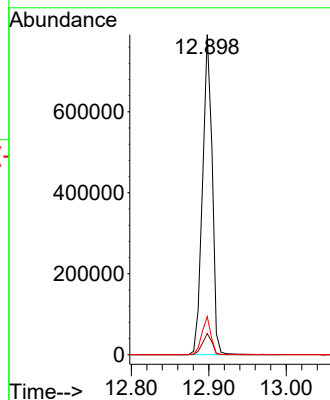


#79
 Terphenyl-d14
 Concen: 47.896 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135115.D
 Acq: 06 Sep 2023 02:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(12-12.5)



Tgt Ion:244 Resp: 681993
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 11.9 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: BF135115.D
 Acq: 06 Sep 2023 02:48

Tgt Ion:264 Resp: 203253
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 20.9 18.2 27.2

