

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135116.D
 Acq On : 06 Sep 2023 03:21
 Operator : CG\JU
 Sample : 04203-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-12.5)

Quant Time: Sep 06 03:48:22 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	113113	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	454477	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	212776	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	336519	20.000	ng	#-0.01
76) Chrysene-d12	13.957	240	238991	20.000	ng	0.00
86) Perylene-d12	15.427	264	196990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	601694	82.164	ng	0.00
7) Phenol-d6	6.416	99	735566	80.586	ng	0.00
23) Nitrobenzene-d5	7.333	82	462862	57.217	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	154841	68.602	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	798155	61.073	ng	0.00
79) Terphenyl-d14	12.898	244	730413	49.875	ng	0.00

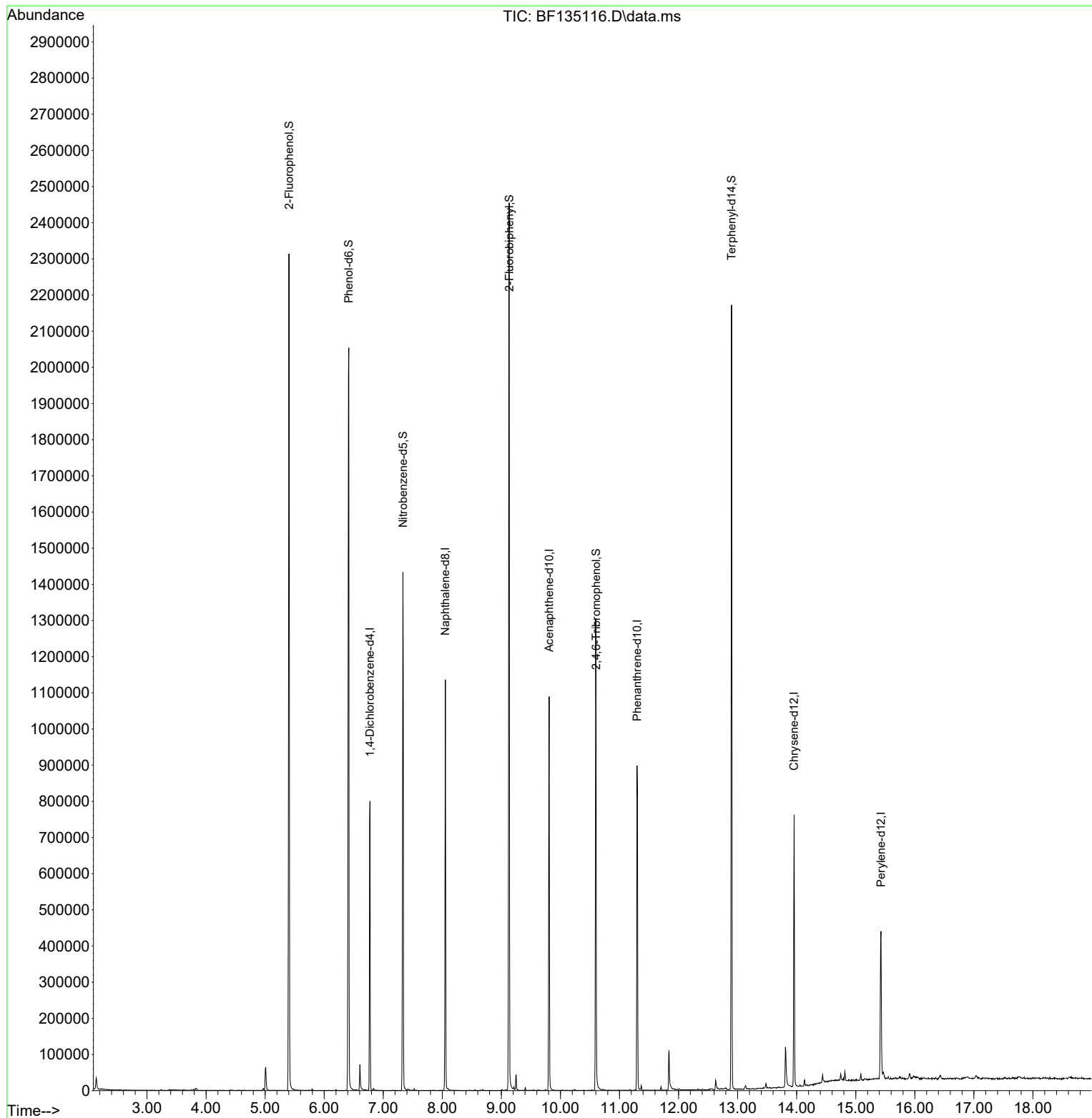
Target Compounds	Qvalue

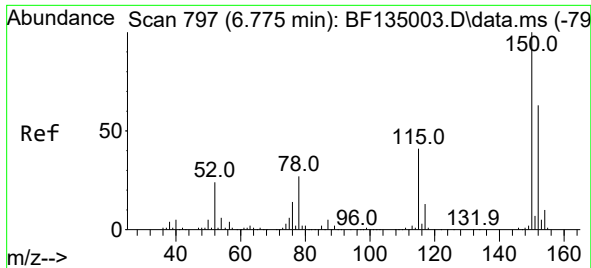
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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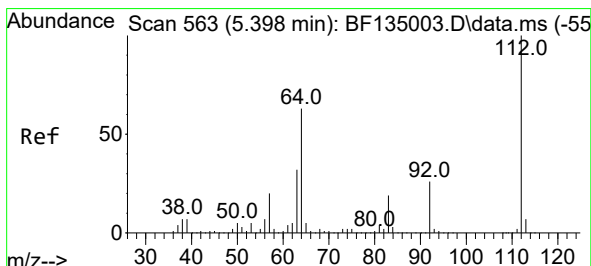
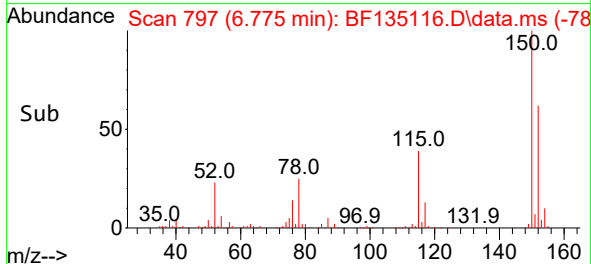
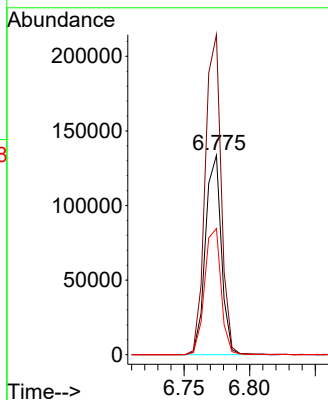
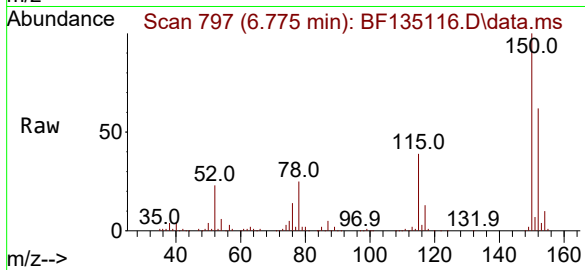




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: BF135116.D
 Acq: 06 Sep 2023 03:21

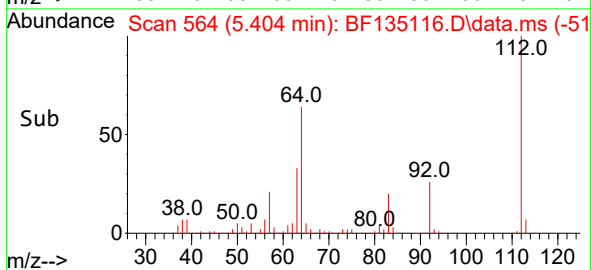
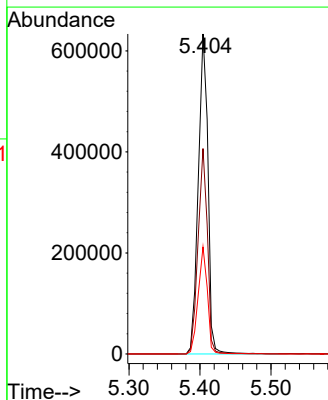
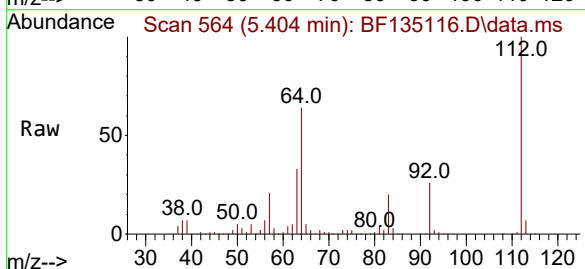
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-12.5)

Tgt Ion:152 Resp: 113113
 Ion Ratio Lower Upper
 152 100
 150 160.5 126.2 189.4
 115 63.3 51.2 76.8



#5
 2-Fluorophenol
 Concen: 82.164 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.006 min
 Lab File: BF135116.D
 Acq: 06 Sep 2023 03:21

Tgt Ion:112 Resp: 601694
 Ion Ratio Lower Upper
 112 100
 64 64.2 50.5 75.7
 63 33.4 25.9 38.9

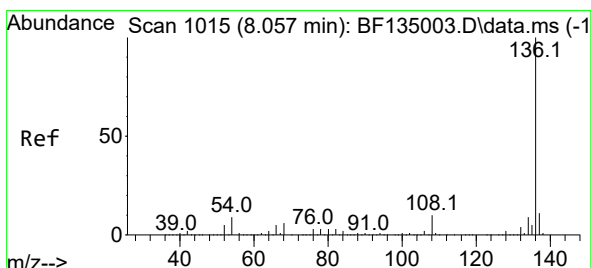
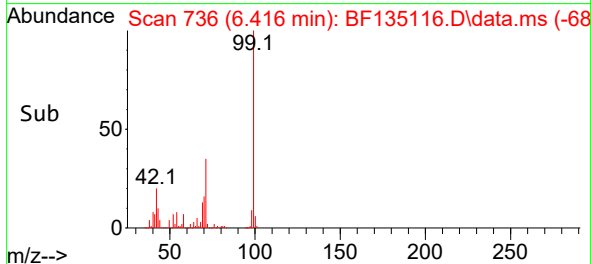
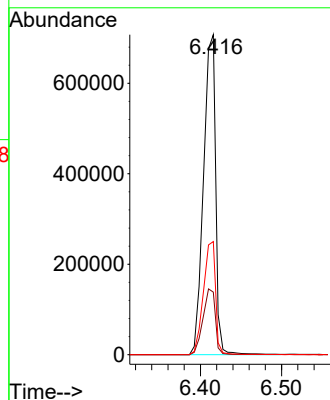
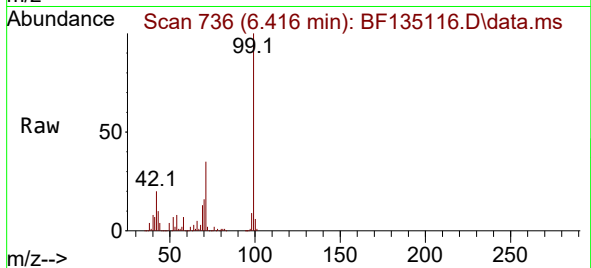




#7
Phenol-d6
Concen: 80.586 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135116.D
Acq: 06 Sep 2023 03:21

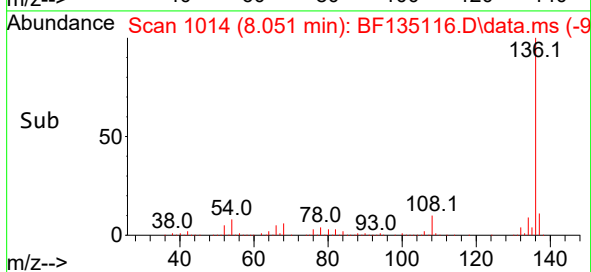
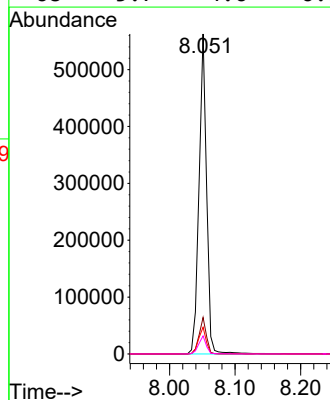
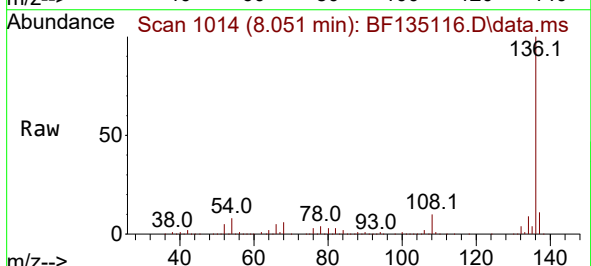
Instrument :
BNA_F
ClientSampleId :
SB-4(12-12.5)

Tgt Ion: 99 Resp: 735566
Ion Ratio Lower Upper
99 100
42 19.6 16.6 25.0
71 35.3 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: BF135116.D
Acq: 06 Sep 2023 03:21

Tgt Ion: 136 Resp: 454477
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.4 7.0 10.4
68 5.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 57.217 ng

RT: 7.333 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135116.D

Acq: 06 Sep 2023 03:21

Instrument :

BNA_F

ClientSampleId :

SB-4(12-12.5)

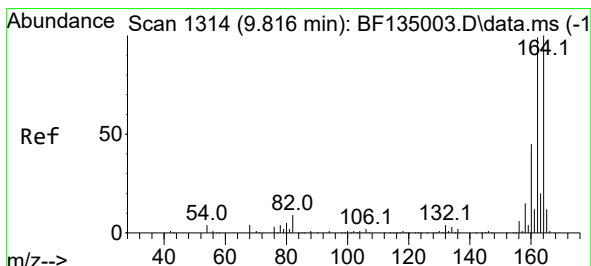
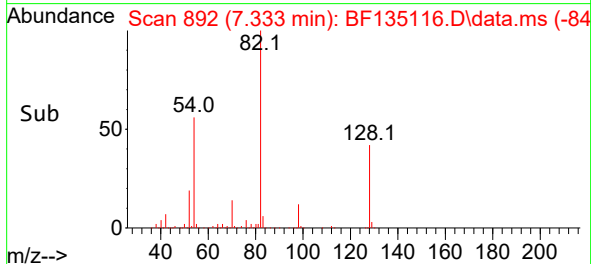
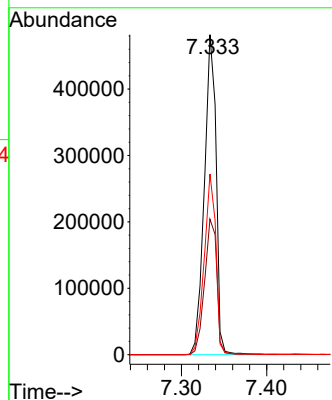
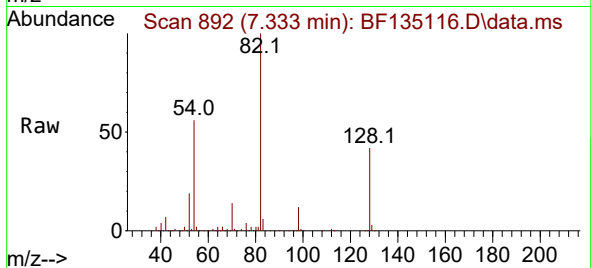
Tgt Ion: 82 Resp: 462862

Ion Ratio Lower Upper

82 100

128 42.4 37.8 56.8

54 56.5 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: BF135116.D

Acq: 06 Sep 2023 03:21

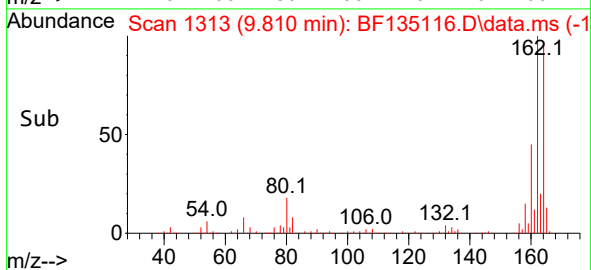
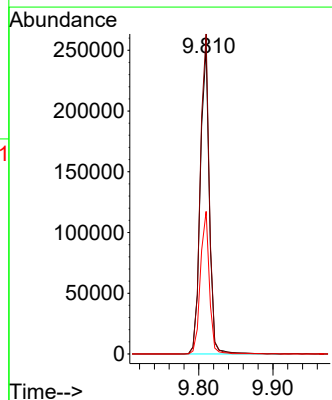
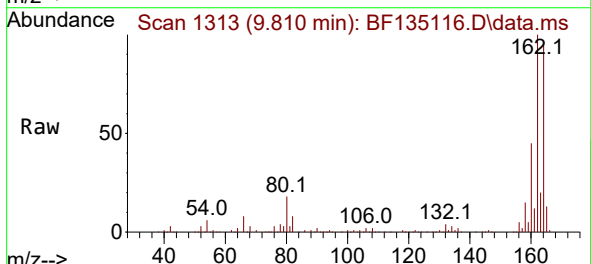
Tgt Ion:164 Resp: 212776

Ion Ratio Lower Upper

164 100

162 104.5 79.5 119.3

160 46.6 36.0 54.0

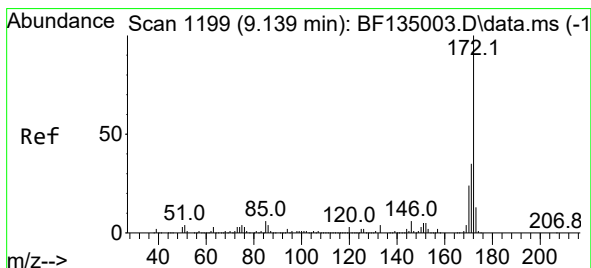
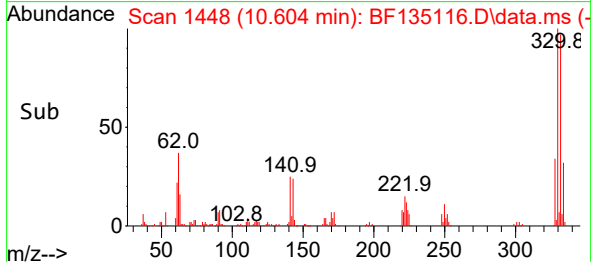
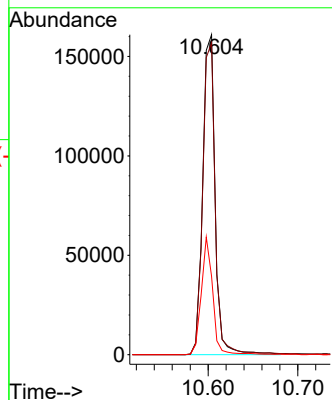
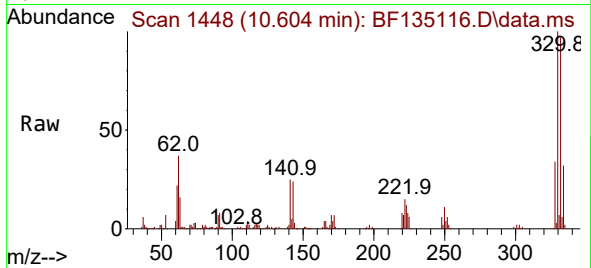




#42
2,4,6-Tribromophenol
Concen: 68.602 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF135116.D
Acq: 06 Sep 2023 03:21

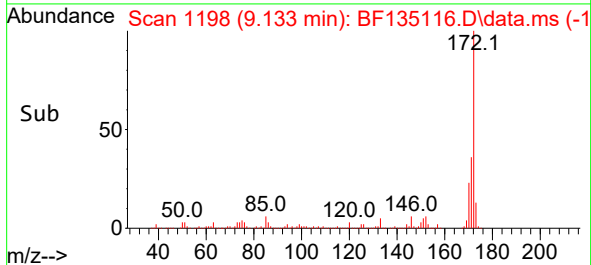
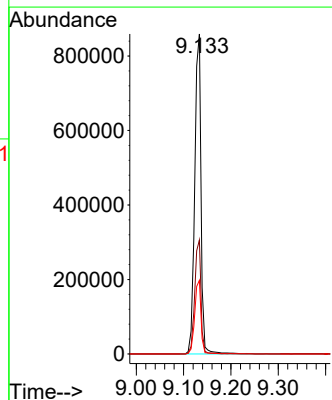
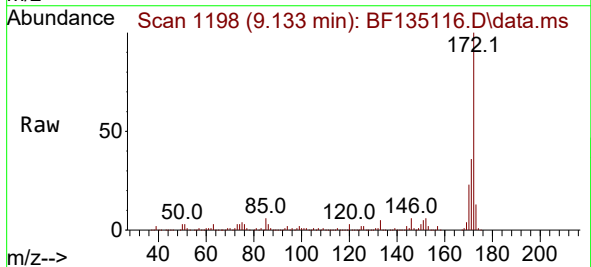
Instrument :
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SB-4(12-12.5)

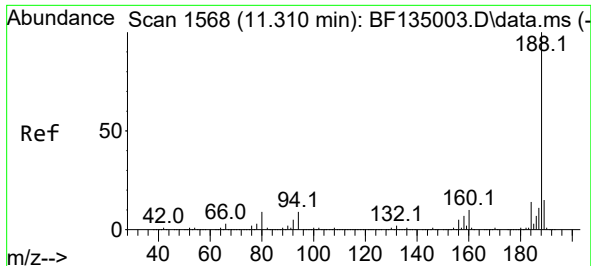
Tgt Ion:330 Resp: 154841
Ion Ratio Lower Upper
330 100
332 98.3 77.6 116.4
141 33.7 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 61.073 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF135116.D
Acq: 06 Sep 2023 03:21

Tgt Ion:172 Resp: 798155
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.0 19.0 28.4

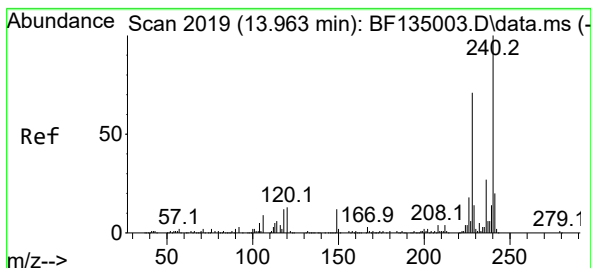
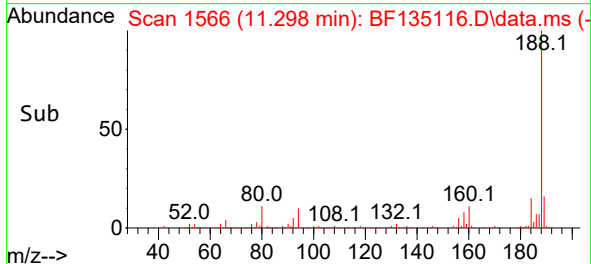
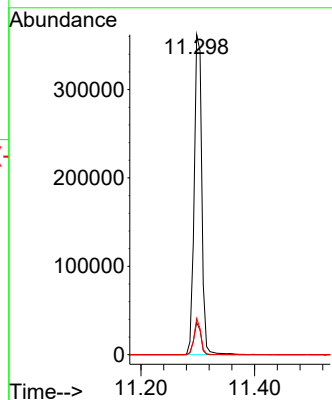
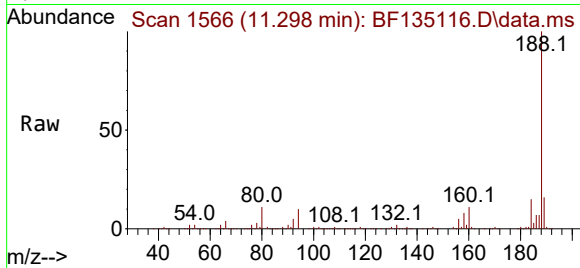




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135116.D
Acq: 06 Sep 2023 03:21

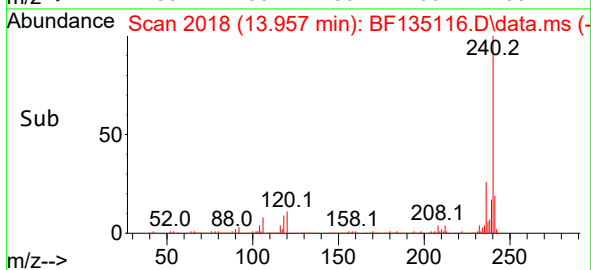
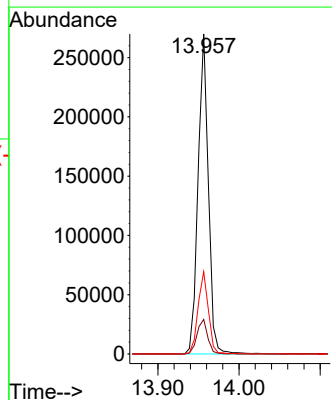
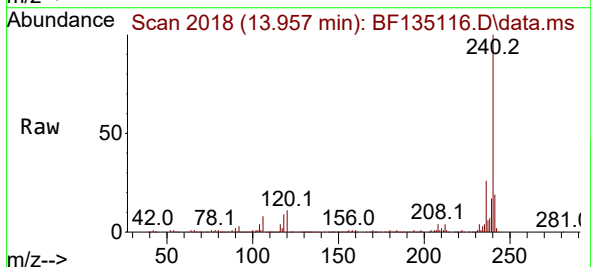
Instrument :
BNA_F
ClientSampleId :
SB-4(12-12.5)

Tgt Ion:188 Resp: 336519
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.4
80 11.4 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: BF135116.D
Acq: 06 Sep 2023 03:21

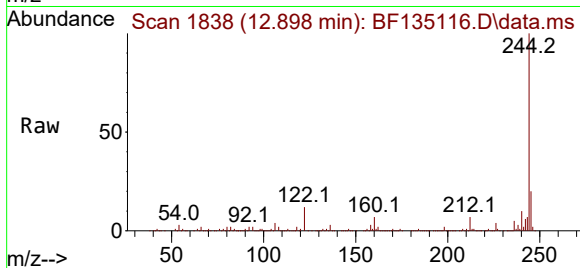
Tgt Ion:240 Resp: 238991
Ion Ratio Lower Upper
240 100
120 10.8 10.2 15.2
236 25.7 21.3 31.9



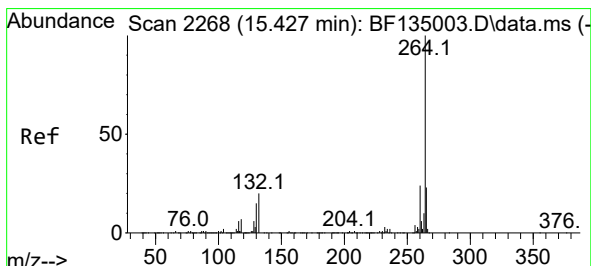
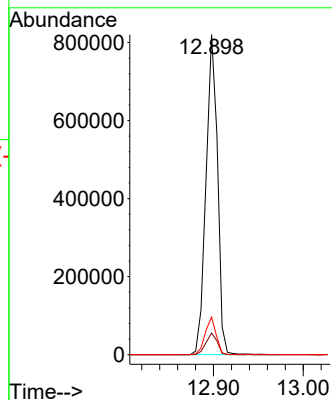
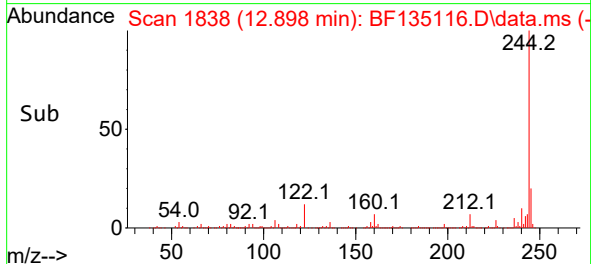


#79
 Terphenyl-d14
 Concen: 49.875 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135116.D
 Acq: 06 Sep 2023 03:21

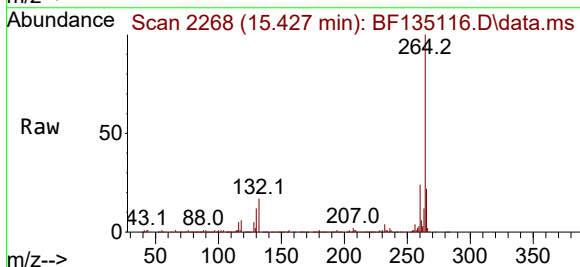
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-12.5)



Tgt Ion:244 Resp: 730413
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.7 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: BF135116.D
 Acq: 06 Sep 2023 03:21



Tgt Ion:264 Resp: 196990
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.8 18.2 27.2

