

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135132.D
 Acq On : 07 Sep 2023 13:51
 Operator : CG\JU
 Sample : 04256-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Sep 07 14:16:01 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	6.769	152	89708	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	370600	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	191765	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	345559	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	177302	20.000	ng	0.00
86) Perylene-d12	15.427	264	187110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	581112	100.057	ng	0.00
7) Phenol-d6	6.410	99	706639	97.615	ng	0.00
23) Nitrobenzene-d5	7.334	82	448203	67.945	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	197604	97.140	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	762948	64.775	ng	-0.01
79) Terphenyl-d14	12.898	244	701857	64.599	ng	0.00

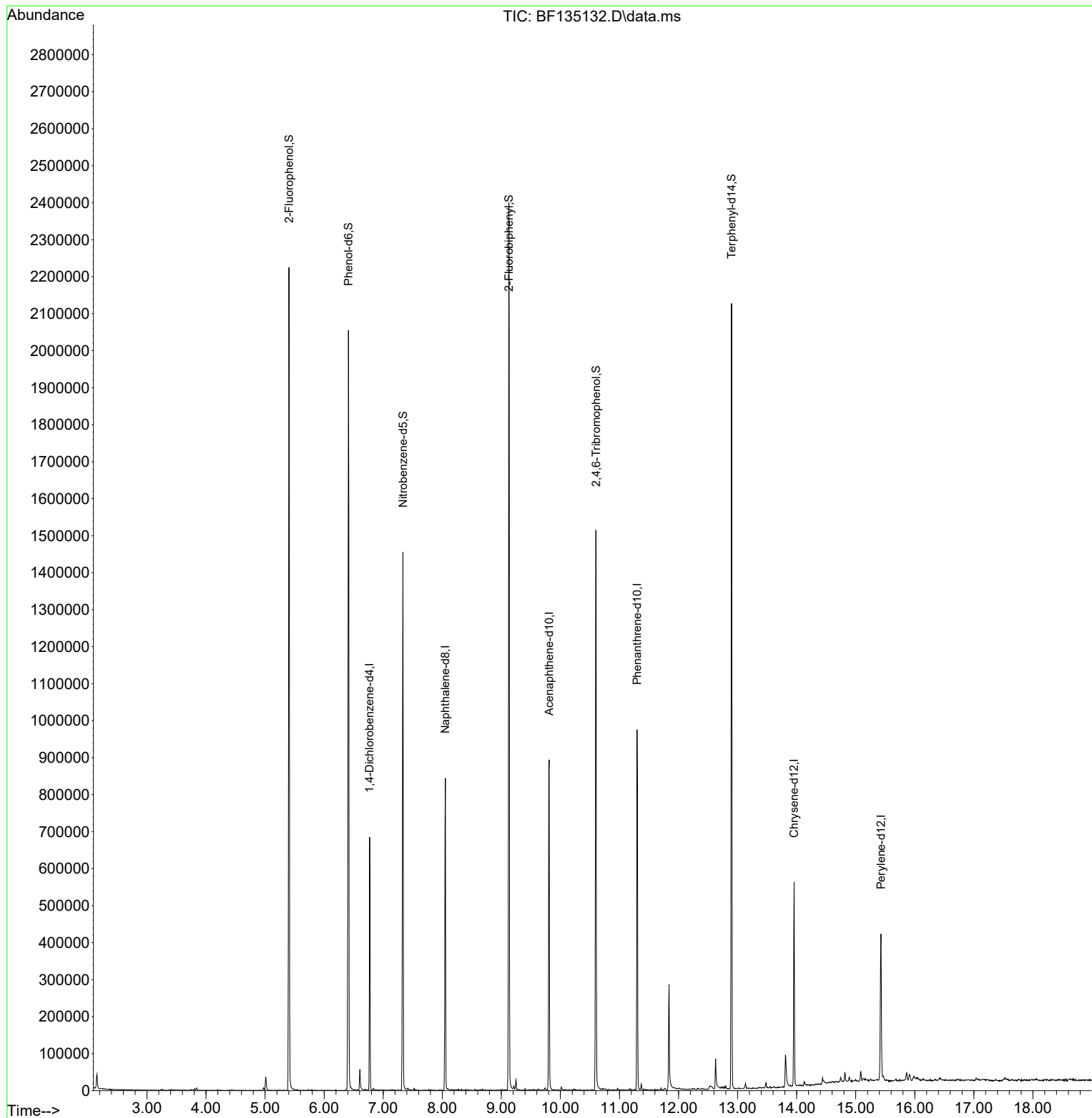
Target Compounds	Qvalue

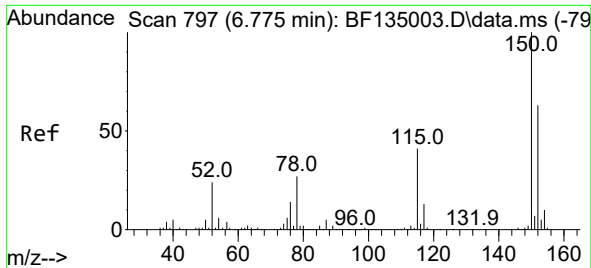
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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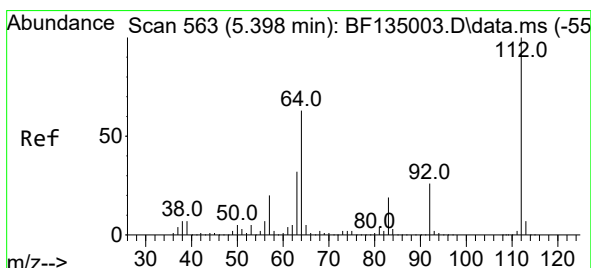
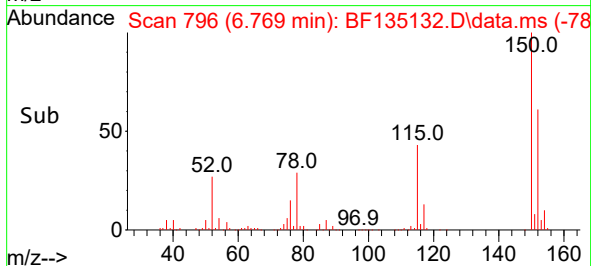
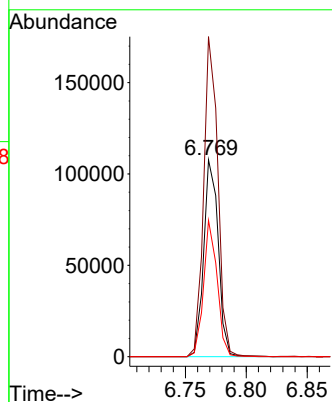
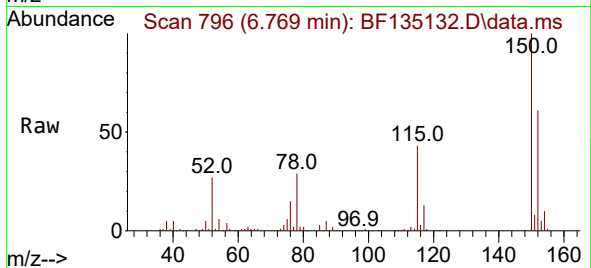




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135132.D
Acq: 07 Sep 2023 13:51

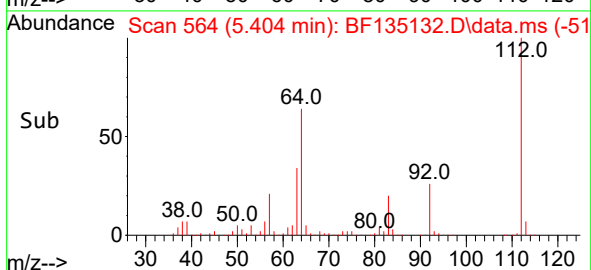
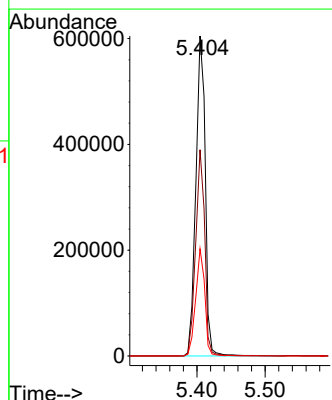
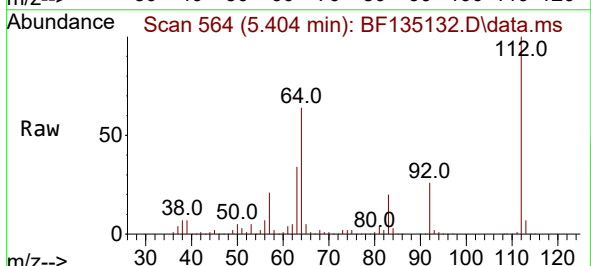
Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:152 Resp: 89708
Ion Ratio Lower Upper
152 100
150 162.6 126.2 189.4
115 69.3 51.2 76.8



#5
2-Fluorophenol
Concen: 100.057 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135132.D
Acq: 07 Sep 2023 13:51

Tgt Ion:112 Resp: 581112
Ion Ratio Lower Upper
112 100
64 64.4 50.5 75.7
63 33.5 25.9 38.9

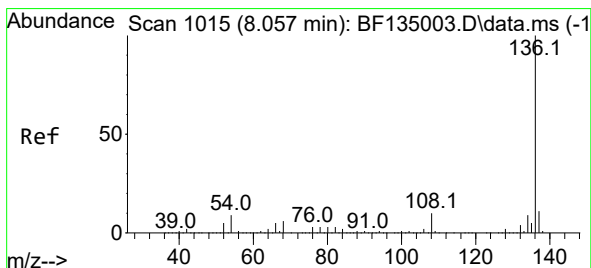
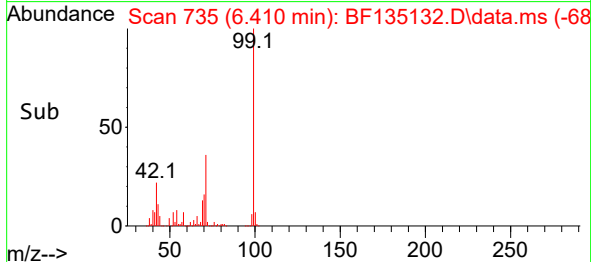
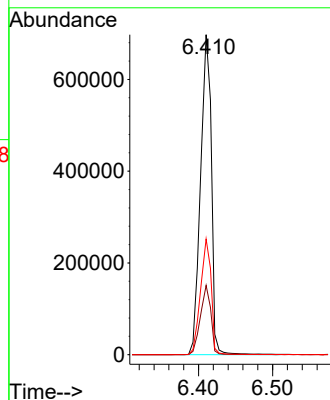
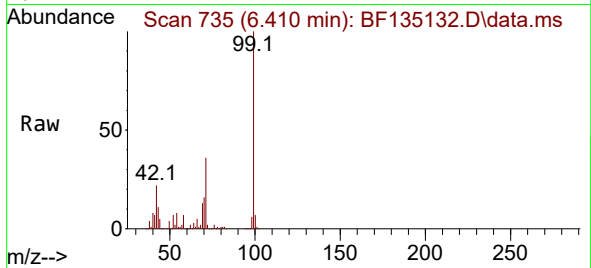




#7
Phenol-d6
Concen: 97.615 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135132.D
Acq: 07 Sep 2023 13:51

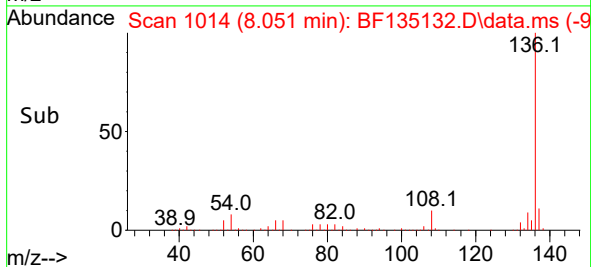
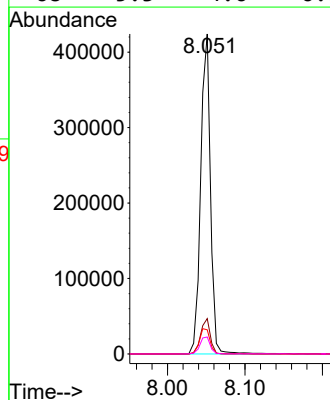
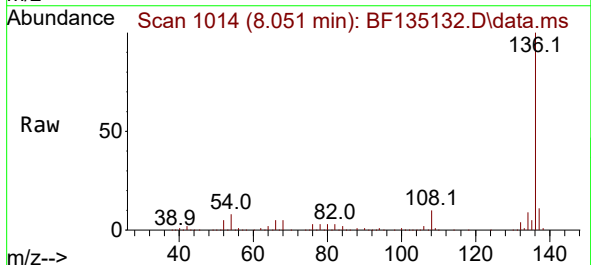
Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 99 Resp: 706639
Ion Ratio Lower Upper
99 100
42 21.7 16.6 25.0
71 36.1 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: BF135132.D
Acq: 07 Sep 2023 13:51

Tgt Ion: 136 Resp: 370600
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.6 7.0 10.4
68 5.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 67.945 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135132.D

Acq: 07 Sep 2023 13:51

Instrument :

BNA_F

ClientSampleId :

MW-3

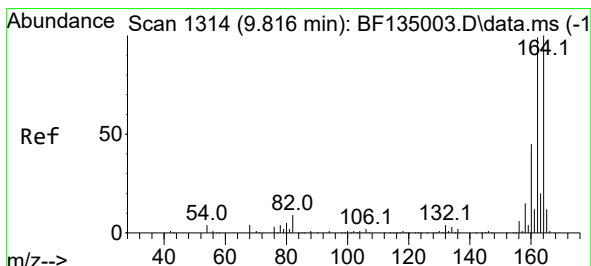
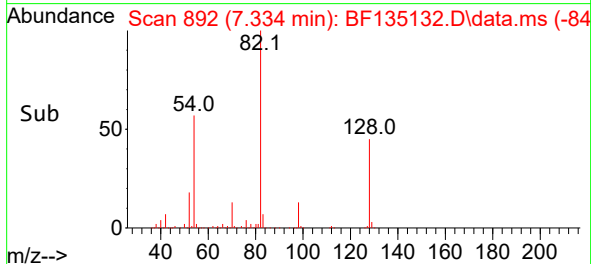
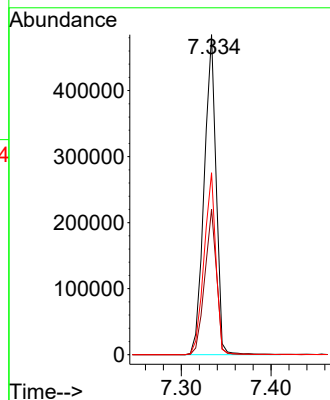
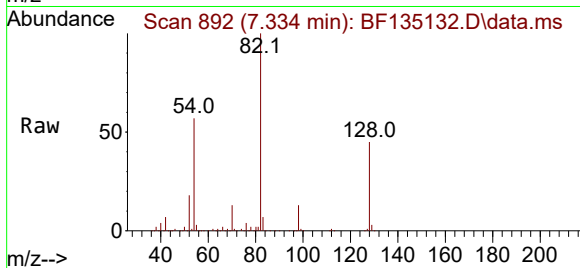
Tgt Ion: 82 Resp: 448203

Ion Ratio Lower Upper

82 100

128 45.5 37.8 56.8

54 56.9 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: BF135132.D

Acq: 07 Sep 2023 13:51

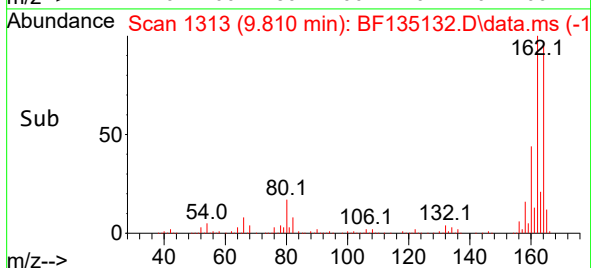
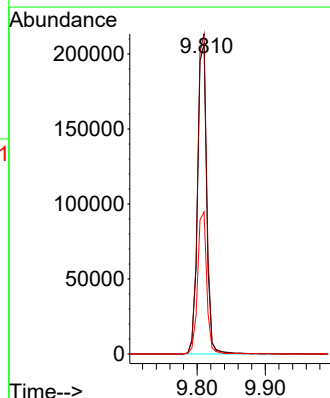
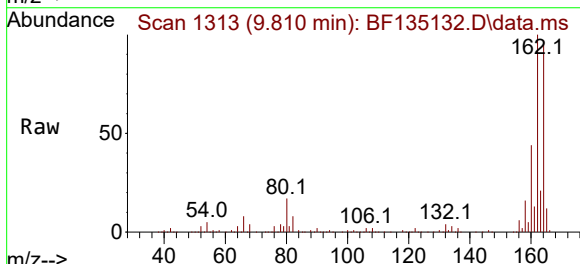
Tgt Ion:164 Resp: 191765

Ion Ratio Lower Upper

164 100

162 103.2 79.5 119.3

160 45.7 36.0 54.0



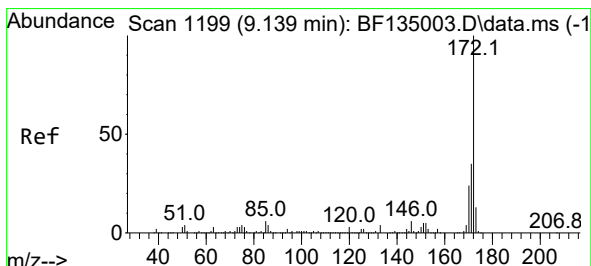
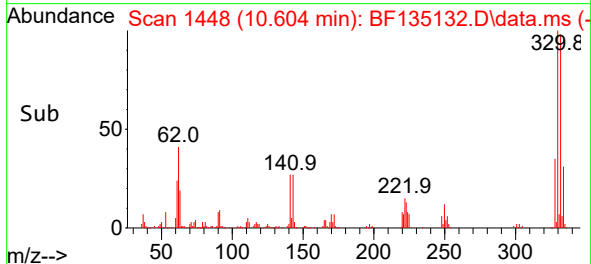
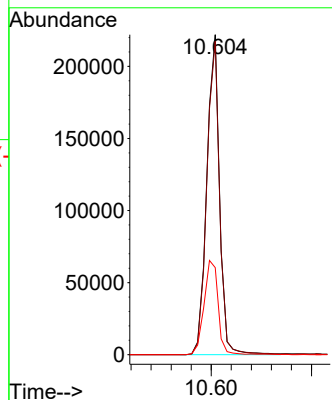
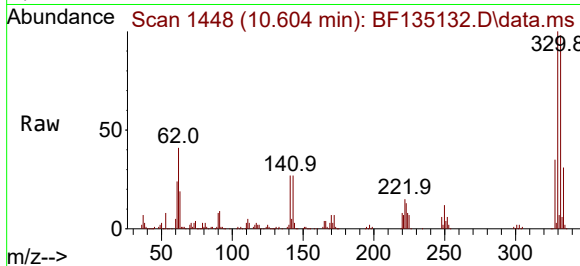


#42
 2,4,6-Tribromophenol
 Concen: 97.140 ng
 RT: 10.604 min Scan# 1449
 Delta R.T. -0.006 min
 Lab File: BF135132.D
 Acq: 07 Sep 2023 13:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion:330 Resp: 197604

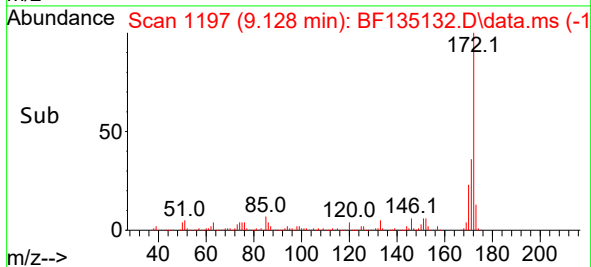
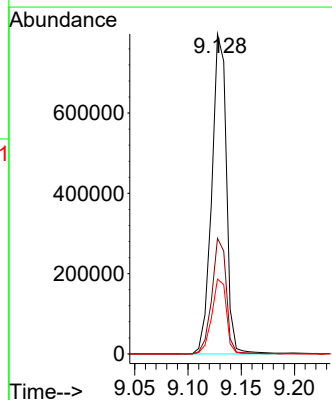
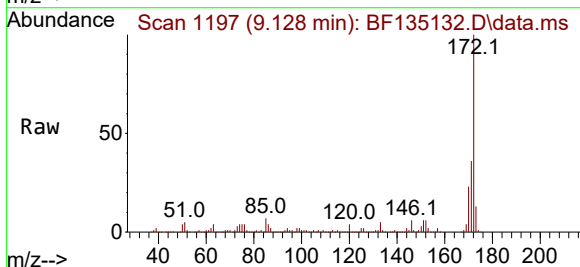
Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.6	116.4
141	32.6	26.3	39.5

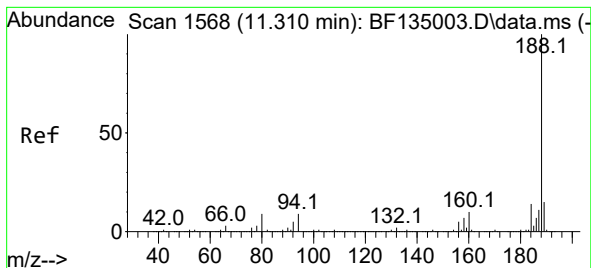


#45
 2-Fluorobiphenyl
 Concen: 64.775 ng
 RT: 9.128 min Scan# 1197
 Delta R.T. -0.012 min
 Lab File: BF135132.D
 Acq: 07 Sep 2023 13:51

Tgt Ion:172 Resp: 762948

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.2	42.2
170	23.4	19.0	28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135132.D

Acq: 07 Sep 2023 13:51

Instrument :

BNA_F

ClientSampleId :

MW-3

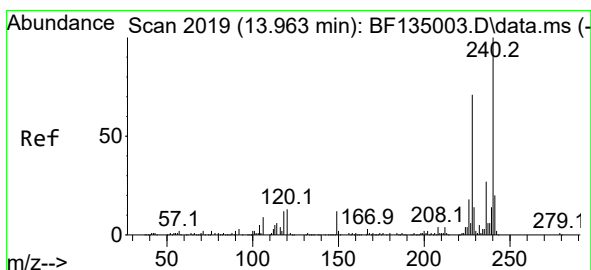
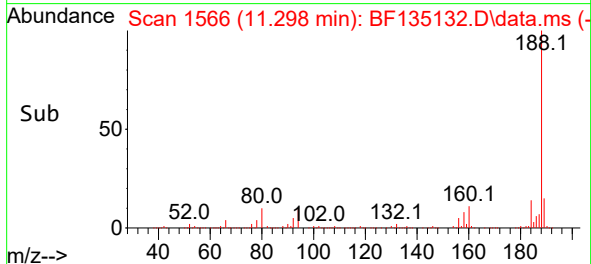
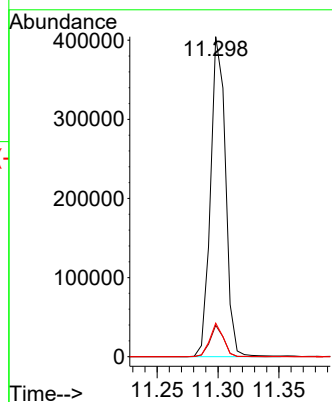
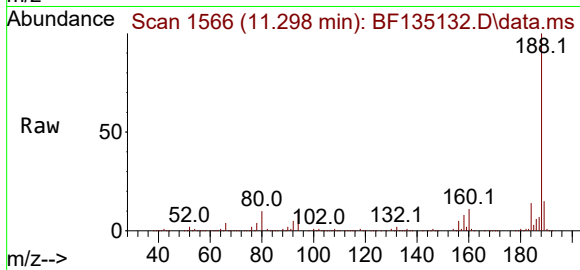
Tgt Ion:188 Resp: 345559

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.4

80 10.5 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: BF135132.D

Acq: 07 Sep 2023 13:51

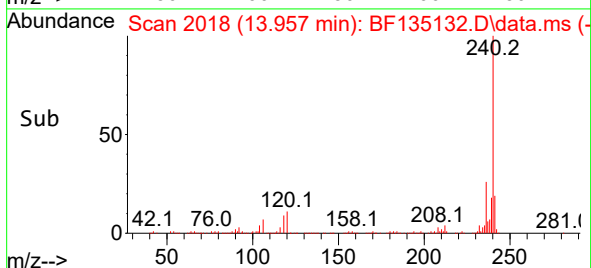
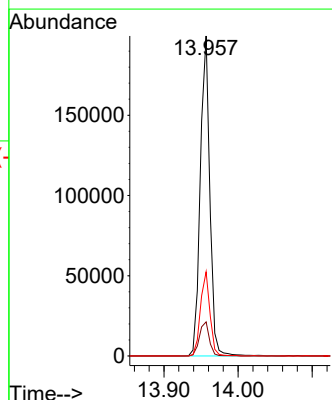
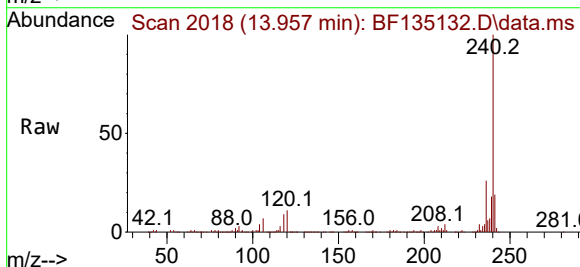
Tgt Ion:240 Resp: 177302

Ion Ratio Lower Upper

240 100

120 10.7 10.2 15.2

236 26.3 21.3 31.9

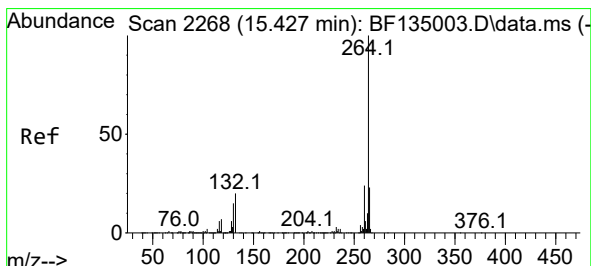
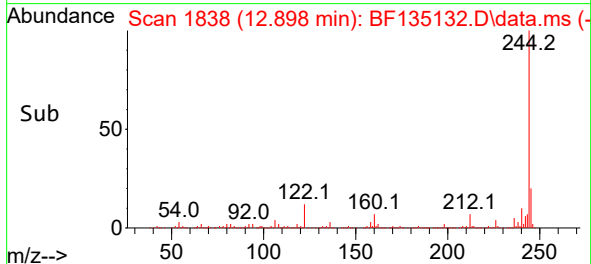
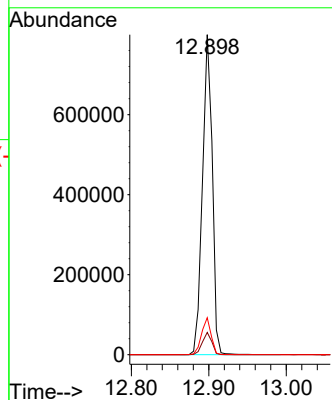
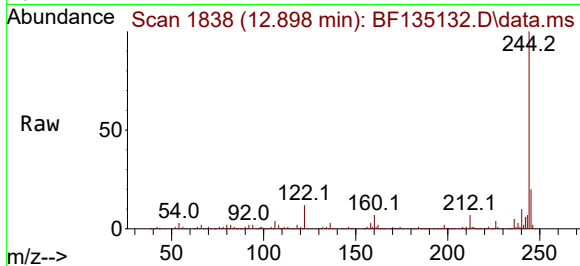




#79
 Terphenyl-d14
 Concen: 64.599 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135132.D
 Acq: 07 Sep 2023 13:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion:244 Resp: 701857
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.5 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: BF135132.D
 Acq: 07 Sep 2023 13:51

Tgt Ion:264 Resp: 187110
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.7 18.2 27.2

