

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135140.D
 Acq On : 07 Sep 2023 18:29
 Operator : CG\JU
 Sample : 04256-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Sep 08 01:53:16 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)

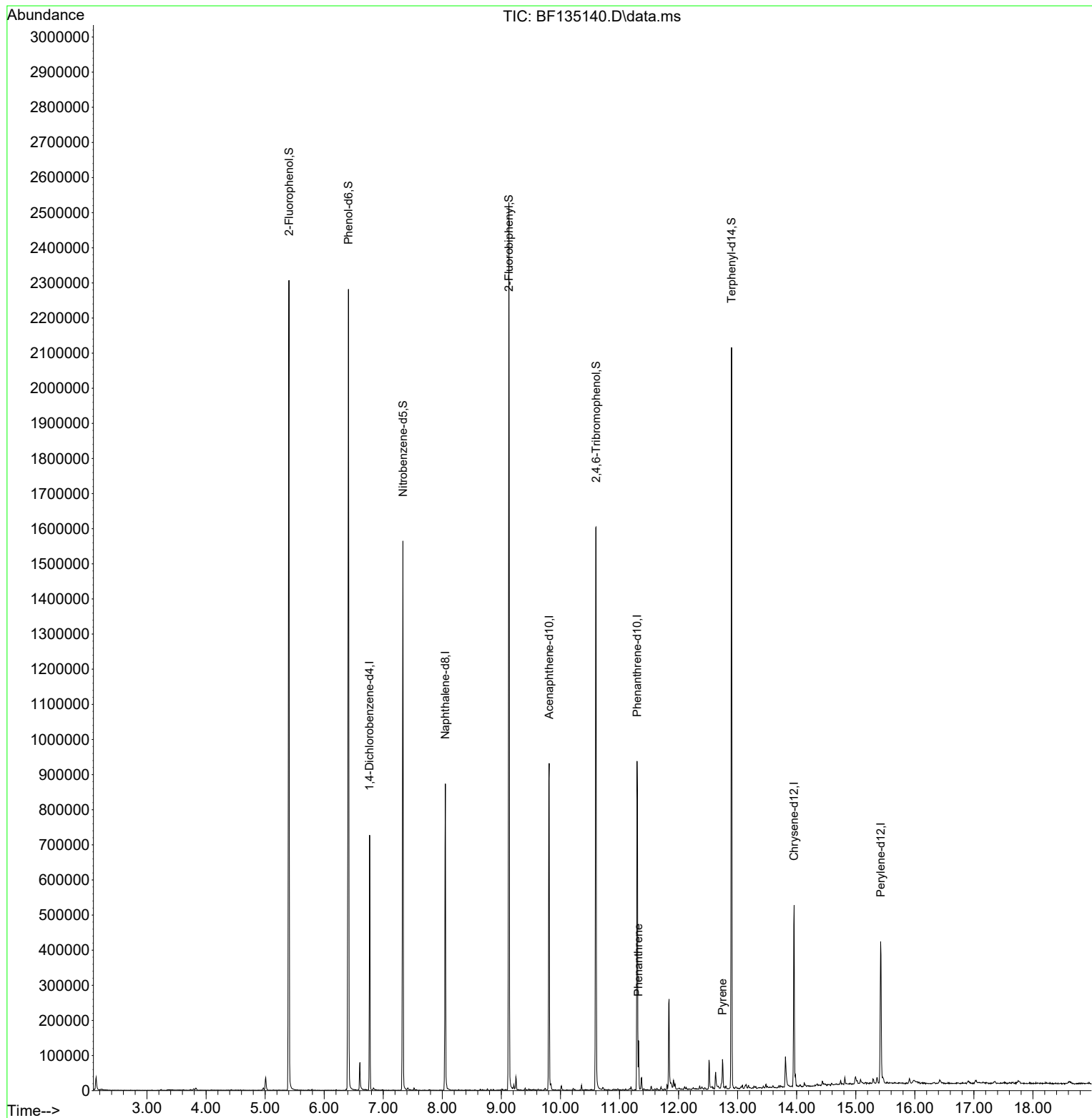
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	92493	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	381652	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	197164	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	342629	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	172248	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	187983	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	610592	101.968	ng	0.00
7) Phenol-d6	6.410	99	754714	101.117	ng	0.00
23) Nitrobenzene-d5	7.333	82	465552	68.531	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	209799	100.310	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	772421	63.784	ng	-0.01
79) Terphenyl-d14	12.898	244	681432	64.560	ng	0.00
Target Compounds						
71) Phenanthrene	11.321	178	44589	2.523	ng	98
78) Pyrene	12.745	202	33441	2.045	ng	98

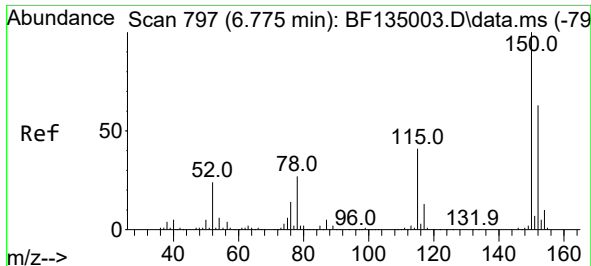
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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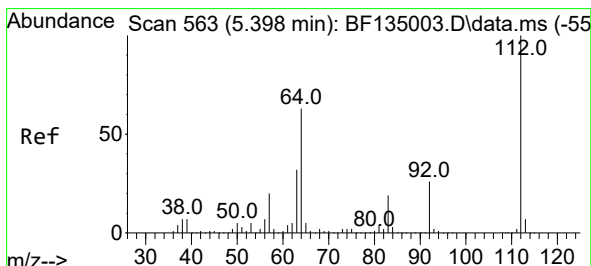
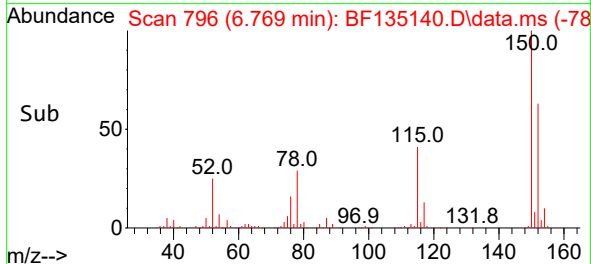
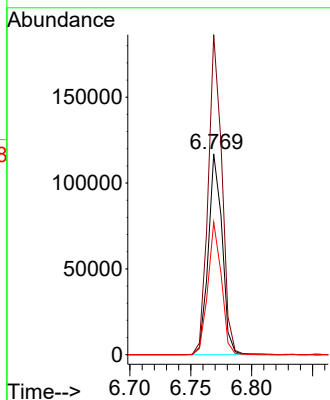
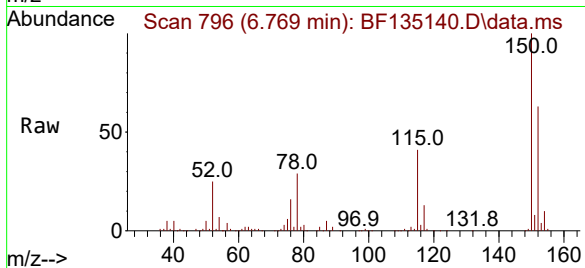




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF135140.D
 Acq: 07 Sep 2023 18:29

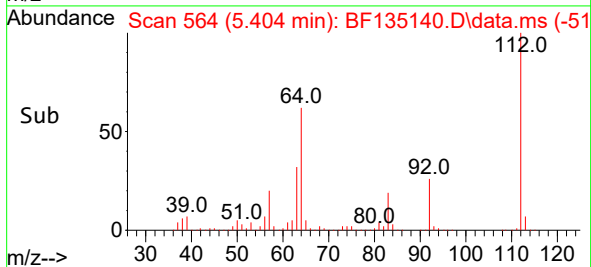
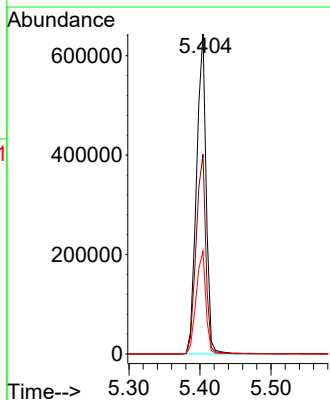
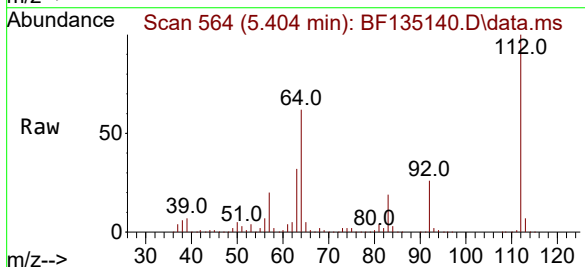
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

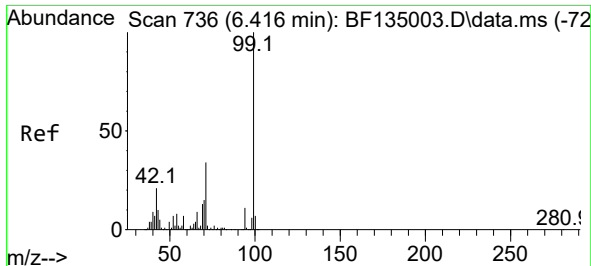
Tgt Ion:152 Resp: 92493
 Ion Ratio Lower Upper
 152 100
 150 159.3 126.2 189.4
 115 66.0 51.2 76.8



#5
 2-Fluorophenol
 Concen: 101.968 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.006 min
 Lab File: BF135140.D
 Acq: 07 Sep 2023 18:29

Tgt Ion:112 Resp: 610592
 Ion Ratio Lower Upper
 112 100
 64 62.4 50.5 75.7
 63 32.1 25.9 38.9





#7
Phenol-d6
Concen: 101.117 ng
RT: 6.410 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF135140.D
Acq: 07 Sep 2023 18:29

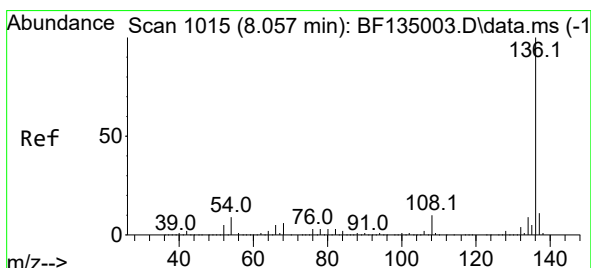
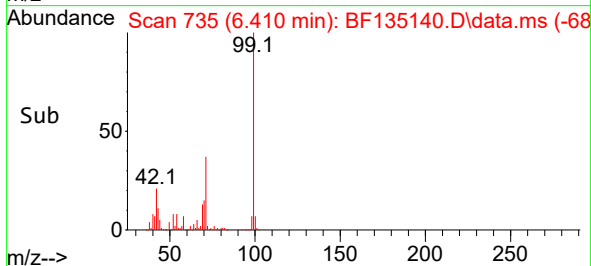
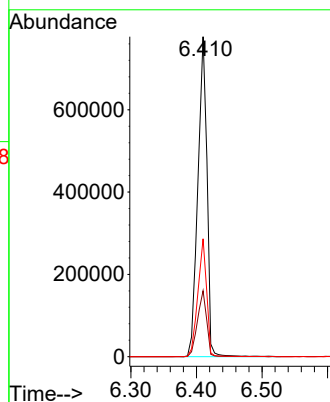
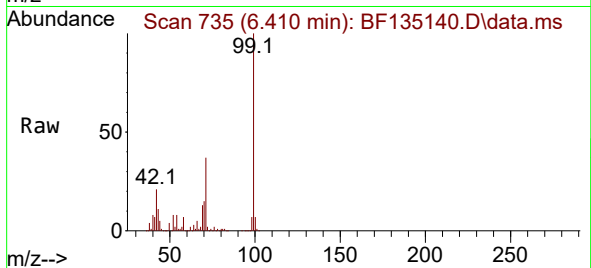
Instrument :

BNA_F

ClientSampleId :

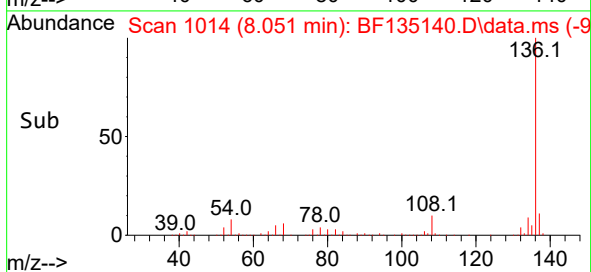
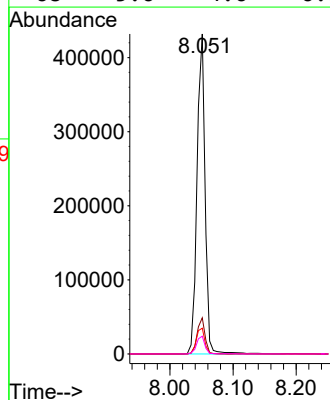
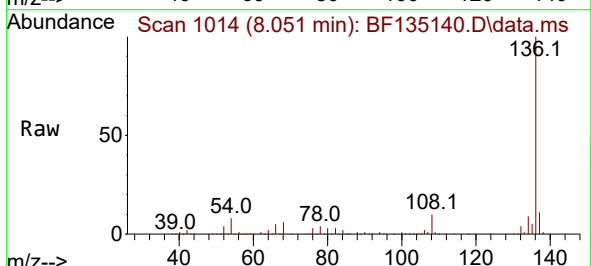
MW-1

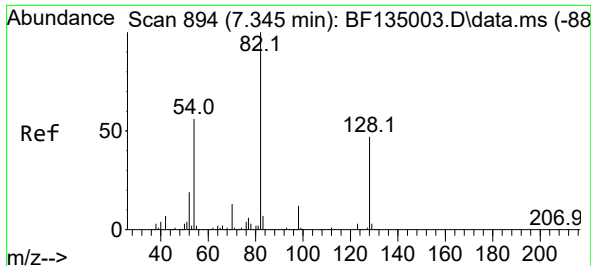
Tgt Ion: 99 Resp: 754714
Ion Ratio Lower Upper
99 100
42 20.6 16.6 25.0
71 36.9 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135140.D
Acq: 07 Sep 2023 18:29

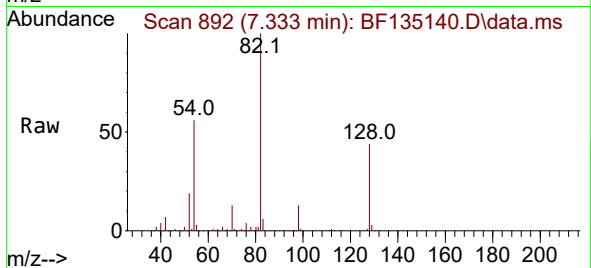
Tgt Ion: 136 Resp: 381652
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.0 7.0 10.4
68 5.6 4.6 6.8



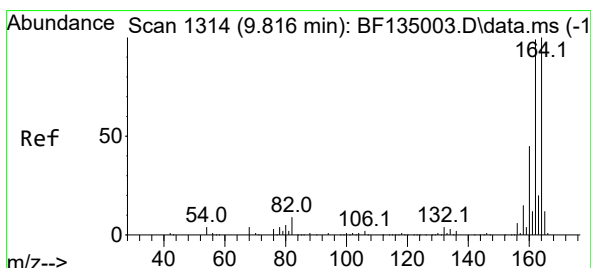
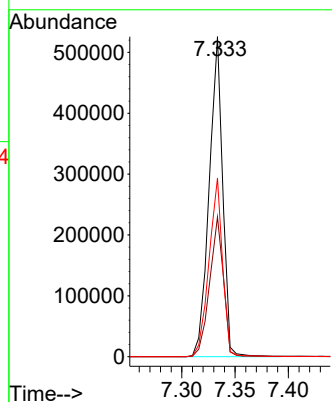
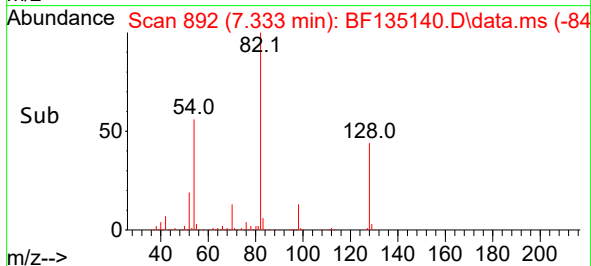


#23
Nitrobenzene-d5
Concen: 68.531 ng
RT: 7.333 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF135140.D
Acq: 07 Sep 2023 18:29

Instrument :
BNA_F
ClientSampleId :
MW-1

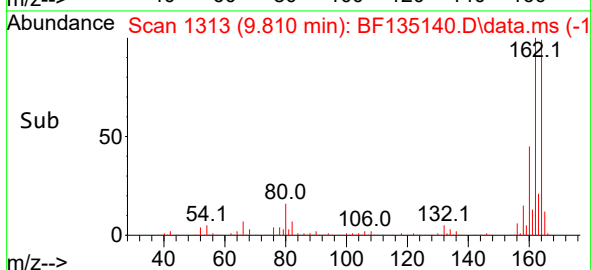
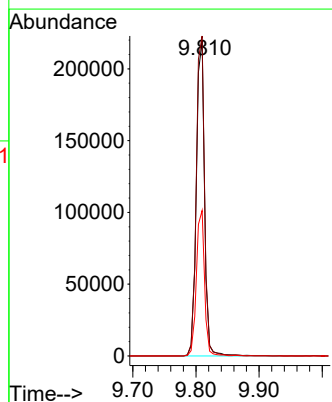
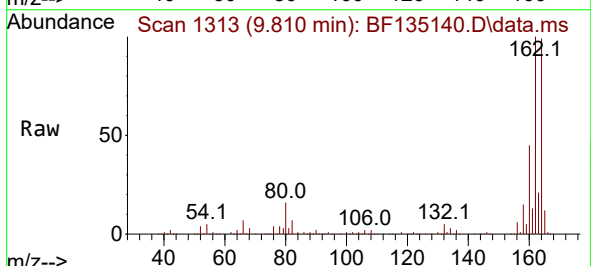


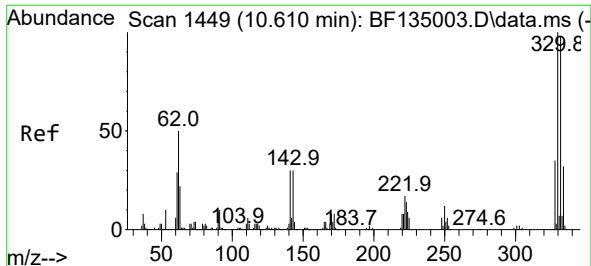
Tgt Ion: 82 Resp: 465552
Ion Ratio Lower Upper
82 100
128 43.6 37.8 56.8
54 55.8 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135140.D
Acq: 07 Sep 2023 18:29

Tgt Ion:164 Resp: 197164
Ion Ratio Lower Upper
164 100
162 101.5 79.5 119.3
160 46.1 36.0 54.0

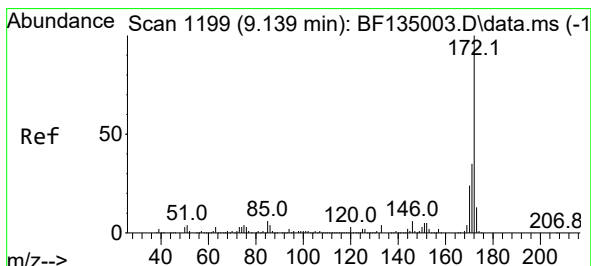
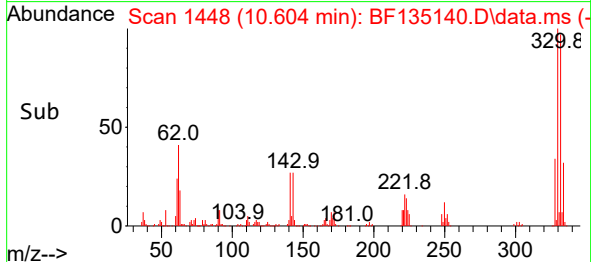
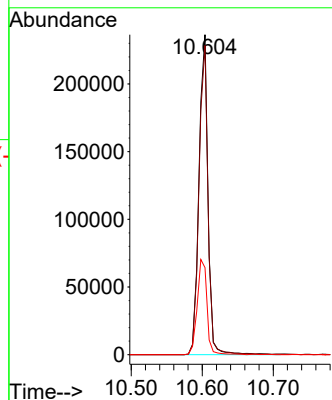
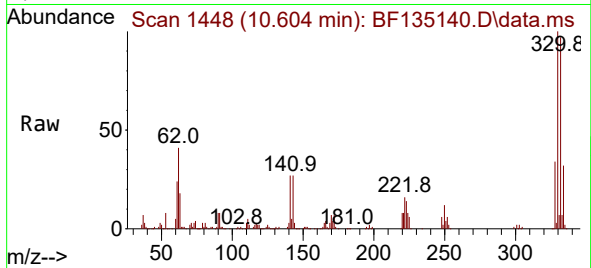




#42
2,4,6-Tribromophenol
Concen: 100.310 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF135140.D
Acq: 07 Sep 2023 18:29

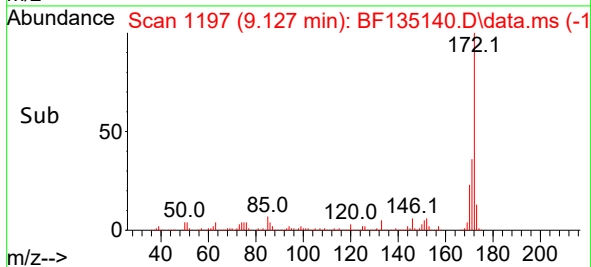
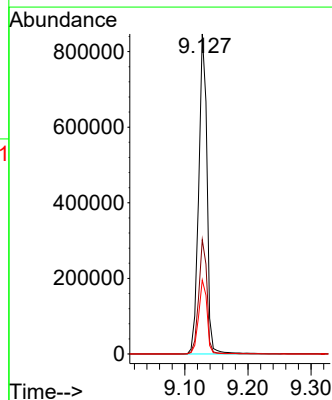
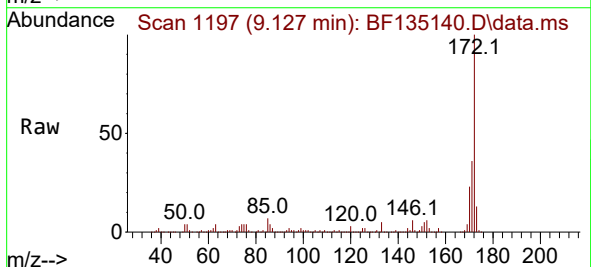
Instrument :
BNA_F
ClientSampleId :
MW-1

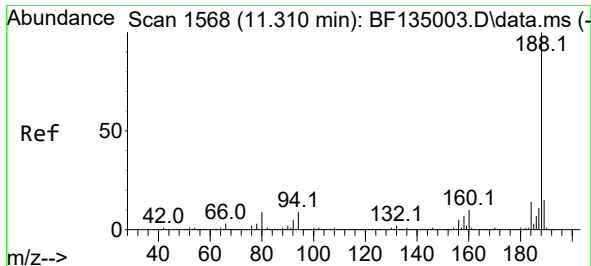
Tgt Ion:330 Resp: 209799
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 32.0 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 63.784 ng
RT: 9.127 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135140.D
Acq: 07 Sep 2023 18:29

Tgt Ion:172 Resp: 772421
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.1 19.0 28.4

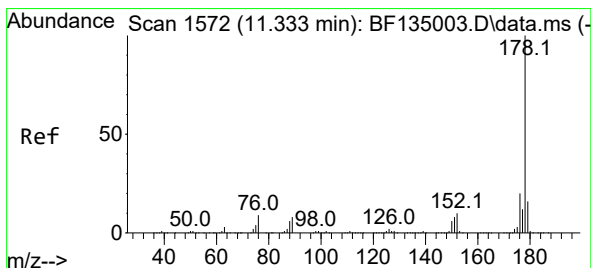
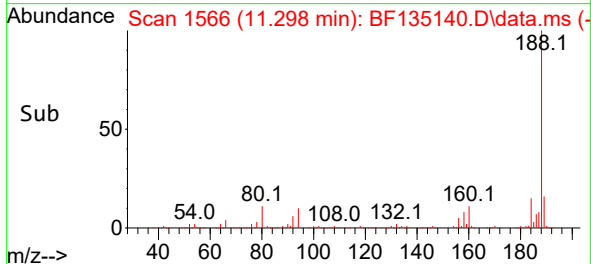
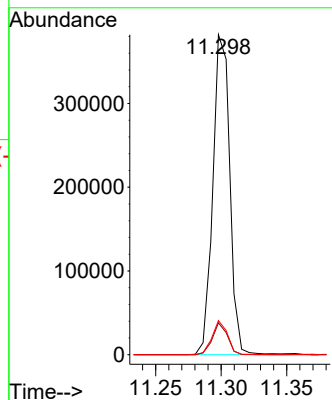
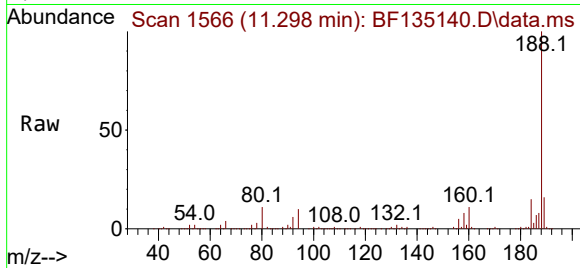




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF135140.D
Acq: 07 Sep 2023 18:29

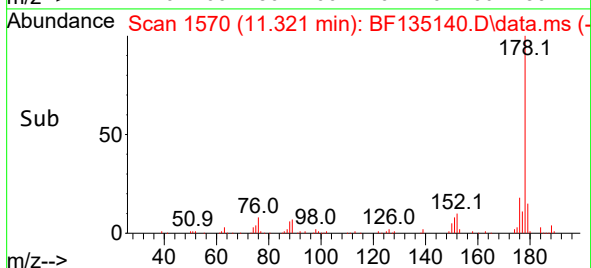
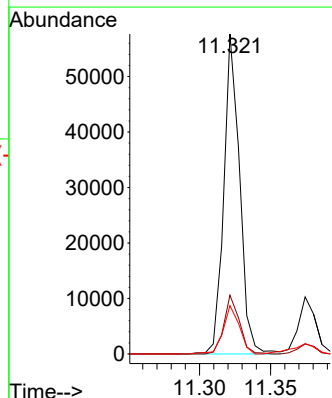
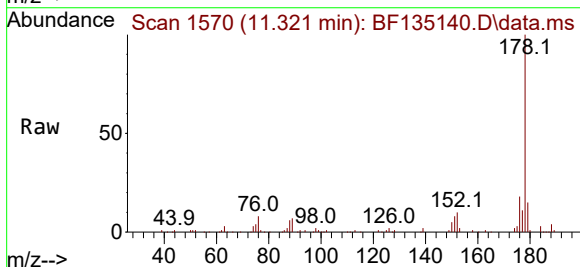
Instrument :
BNA_F
ClientSampleId :
MW-1

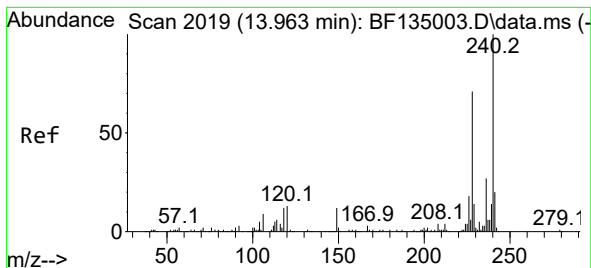
Tgt Ion:188 Resp: 342629
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.4
80 10.7 7.4 11.2



#71
Phenanthrene
Concen: 2.523 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF135140.D
Acq: 07 Sep 2023 18:29

Tgt Ion:178 Resp: 44589
Ion Ratio Lower Upper
178 100
176 18.3 15.9 23.9
179 15.1 12.5 18.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135140.D

Acq: 07 Sep 2023 18:29

Instrument :

BNA_F

ClientSampleId :

MW-1

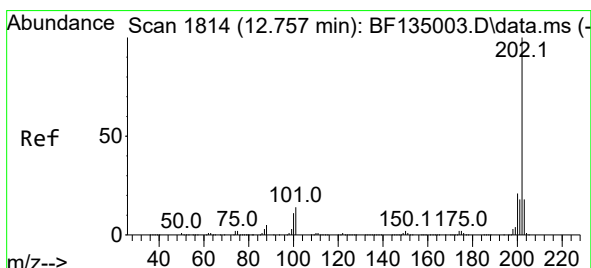
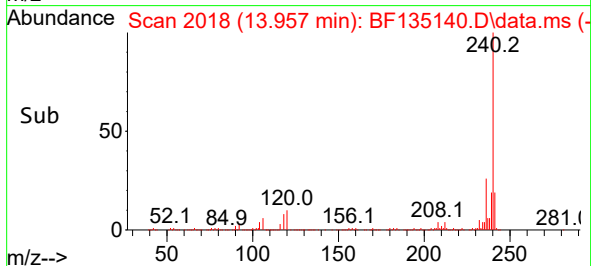
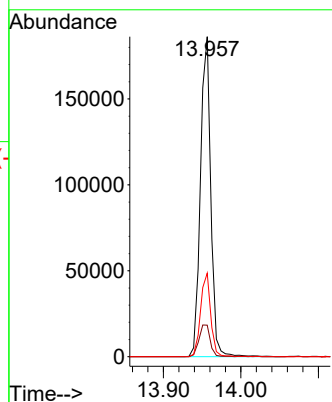
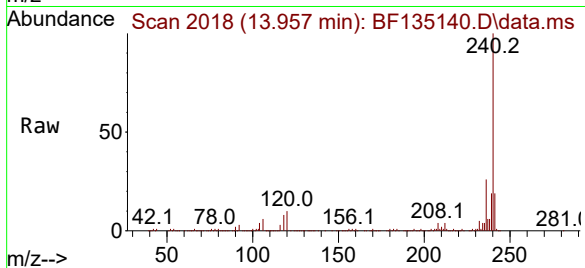
Tgt Ion:240 Resp: 172248

Ion Ratio Lower Upper

240 100

120 9.8 10.2 15.2#

236 26.1 21.3 31.9



#78

Pyrene

Concen: 2.045 ng

RT: 12.745 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BF135140.D

Acq: 07 Sep 2023 18:29

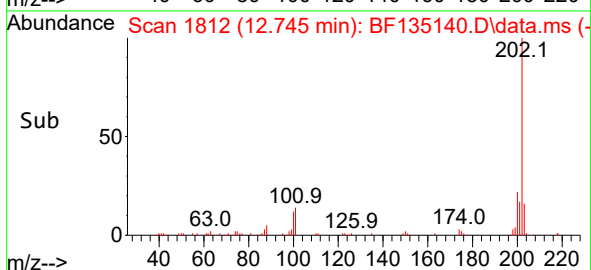
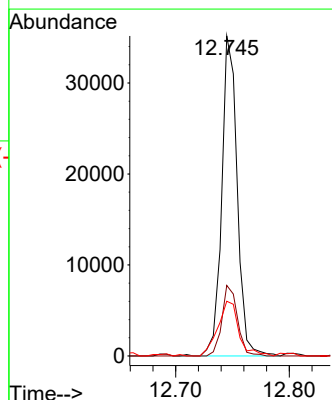
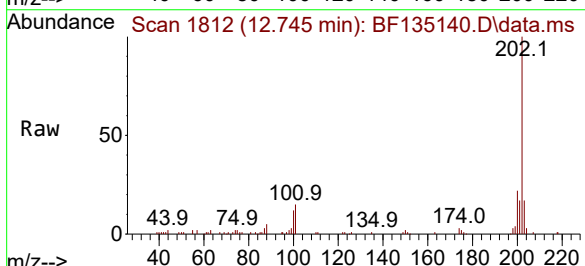
Tgt Ion:202 Resp: 33441

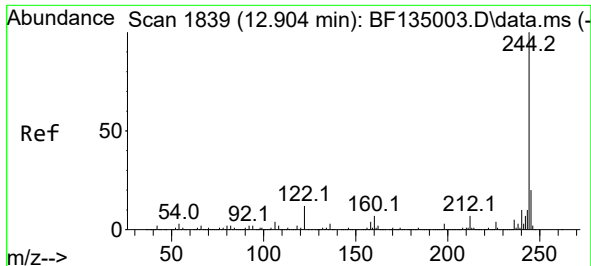
Ion Ratio Lower Upper

202 100

200 22.1 17.0 25.6

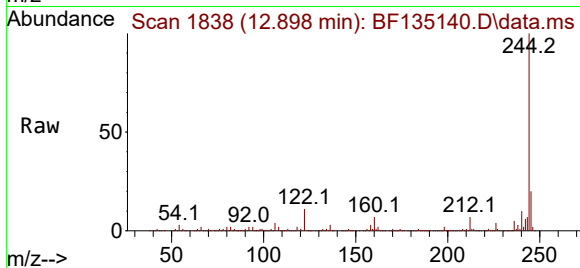
203 17.1 14.2 21.2



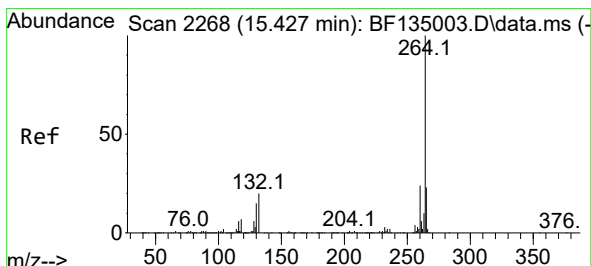
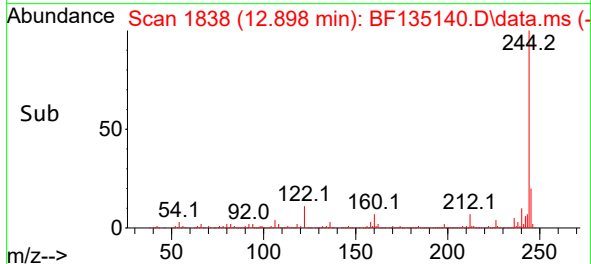
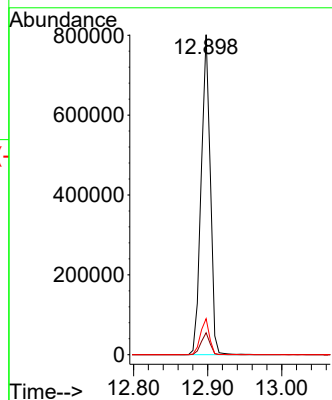


#79
 Terphenyl-d14
 Concen: 64.560 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135140.D
 Acq: 07 Sep 2023 18:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-1



Tgt Ion:244 Resp: 681432
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.3 9.8 14.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF135140.D
 Acq: 07 Sep 2023 18:29

Tgt Ion:264 Resp: 187983
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 22.2 18.2 27.2

