

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135203.D
 Acq On : 13 Sep 2023 03:25
 Operator : CG\JU
 Sample : 04299-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Sep 13 07:41:35 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	123256	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	474617	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	246088	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	476853	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	242632	20.000	ng	# 0.00
86) Perylene-d12	15.404	264	247868	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	388187	51.224	ng	0.00
7) Phenol-d6	6.398	99	374083	38.821	ng	0.00
23) Nitrobenzene-d5	7.328	82	785405	89.905	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	247037	101.016	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1417593	86.910	ng	0.00
79) Terphenyl-d14	12.892	244	1394183	89.075	ng	0.00

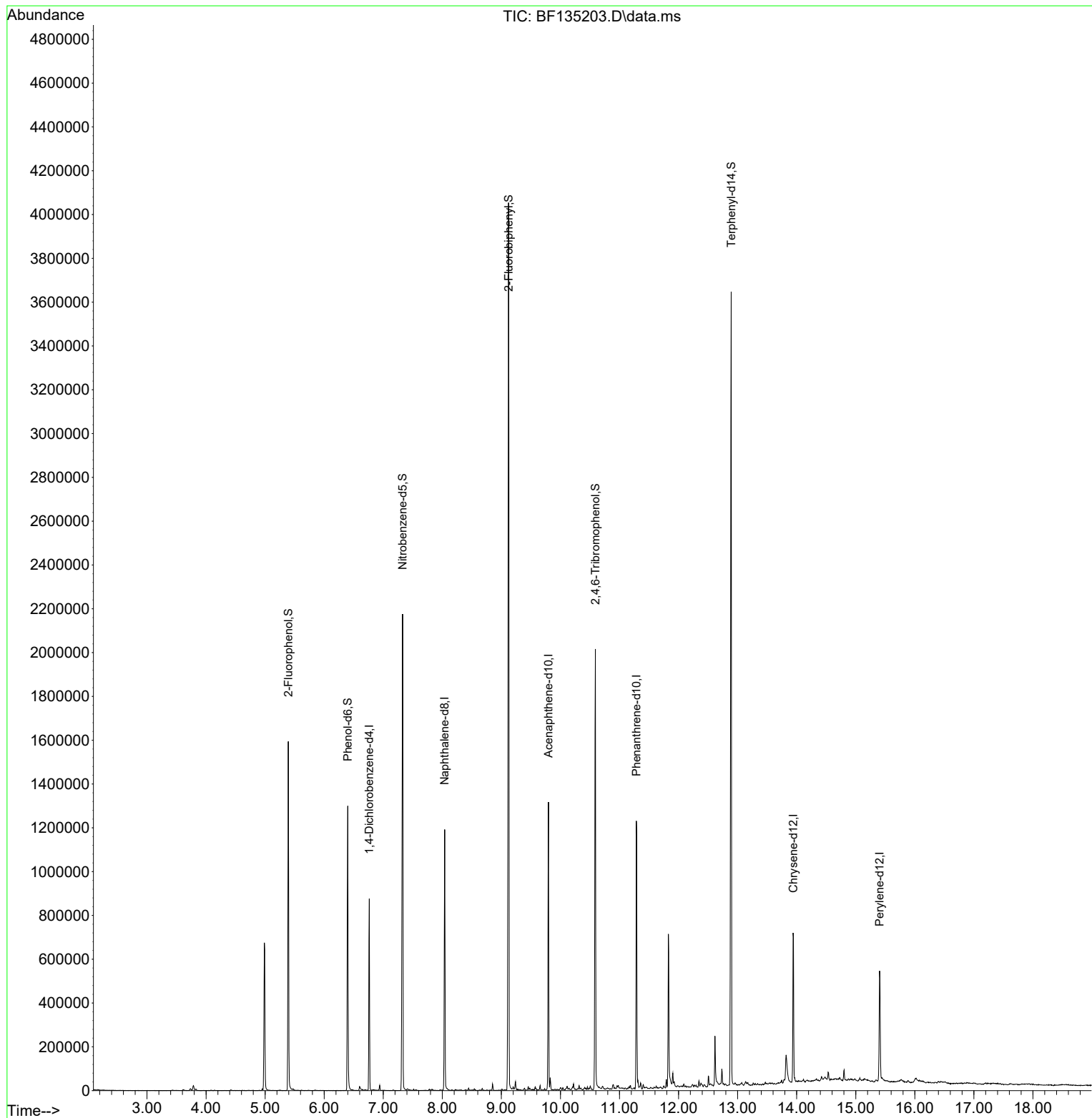
Target Compounds	Qvalue

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

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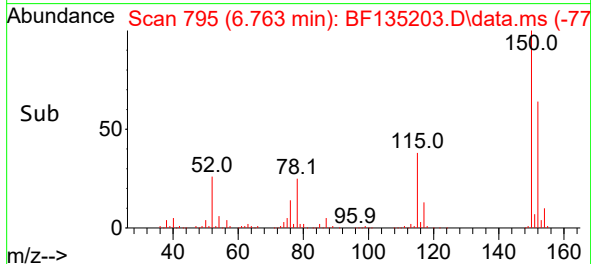
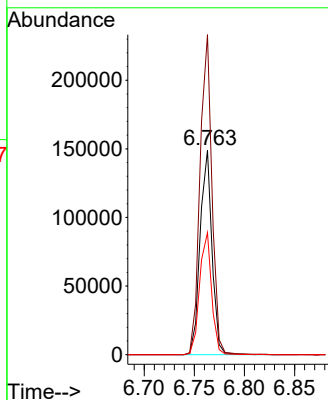
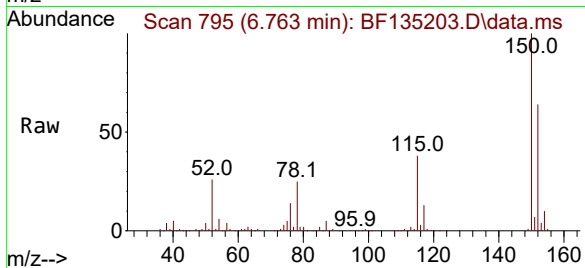




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135203.D
Acq: 13 Sep 2023 03:25

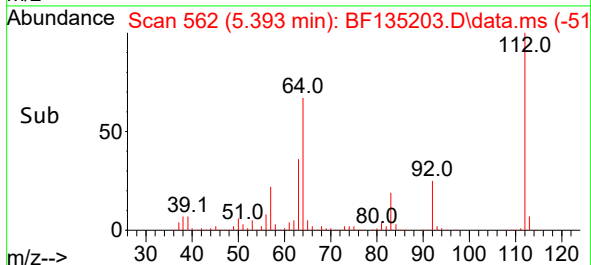
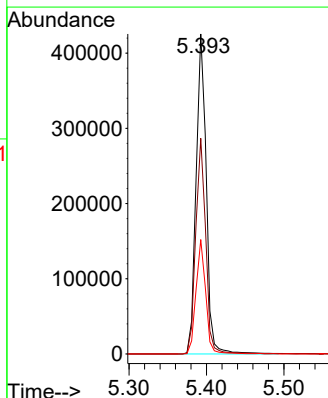
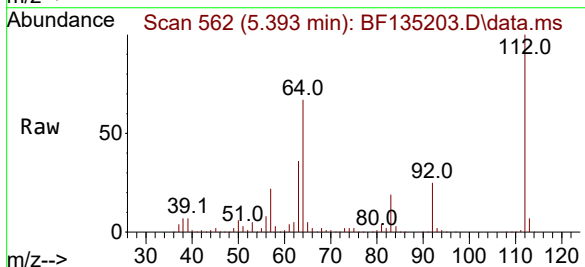
Instrument :
BNA_F
ClientSampleId :
MW-01

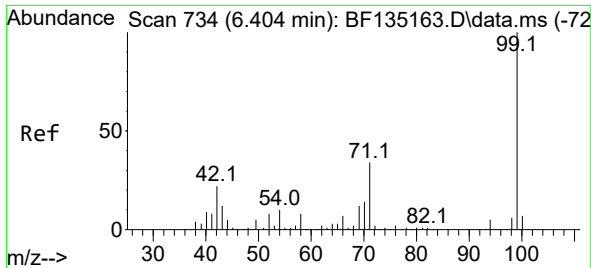
Tgt Ion:152 Resp: 123256
Ion Ratio Lower Upper
152 100
150 156.6 127.8 191.6
115 59.8 49.8 74.8



#5
2-Fluorophenol
Concen: 51.224 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135203.D
Acq: 13 Sep 2023 03:25

Tgt Ion:112 Resp: 388187
Ion Ratio Lower Upper
112 100
64 67.4 55.9 83.9
63 35.7 29.0 43.6

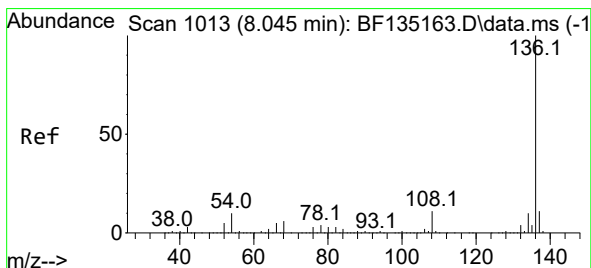
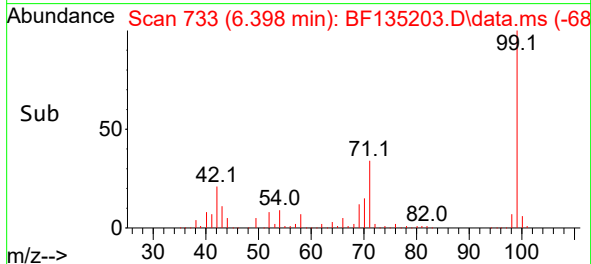
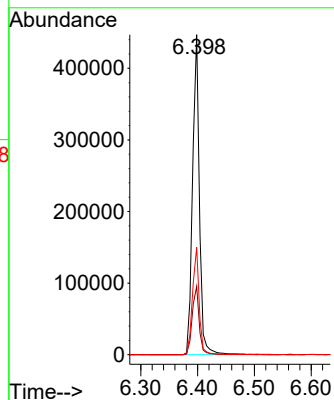
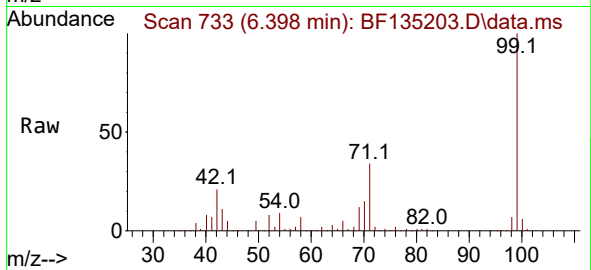




#7
Phenol-d6
Concen: 38.821 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135203.D
Acq: 13 Sep 2023 03:25

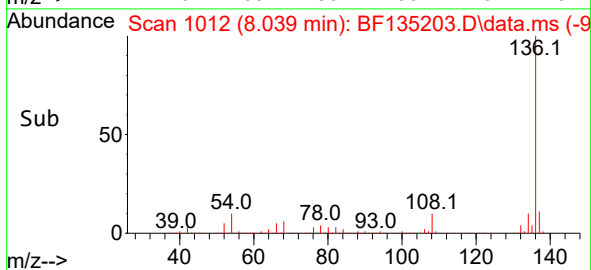
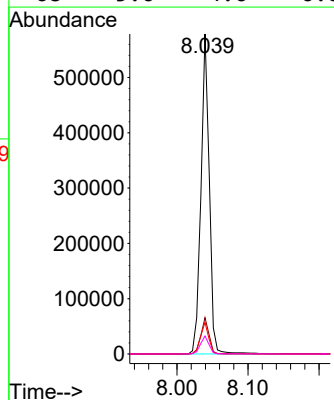
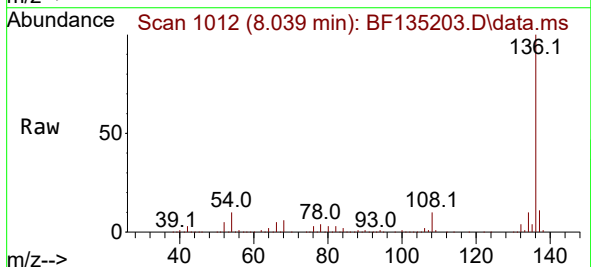
Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion: 99 Resp: 374083
Ion Ratio Lower Upper
99 100
42 21.3 17.9 26.9
71 33.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135203.D
Acq: 13 Sep 2023 03:25

Tgt Ion: 136 Resp: 474617
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.9 7.7 11.5
68 5.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 89.905 ng

RT: 7.328 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF135203.D

Acq: 13 Sep 2023 03:25

Instrument :

BNA_F

ClientSampleId :

MW-01

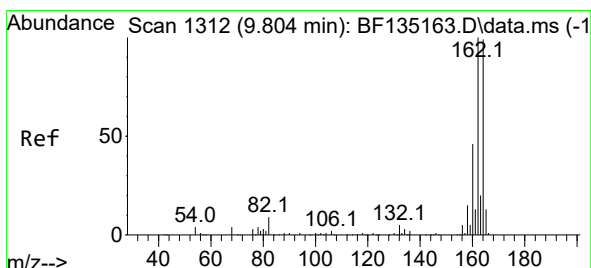
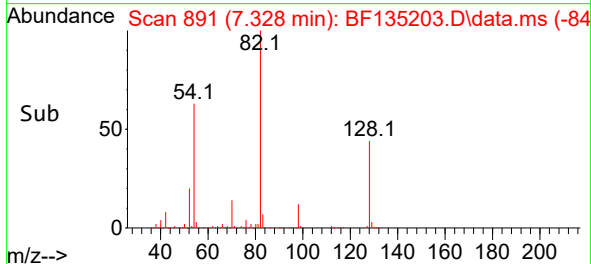
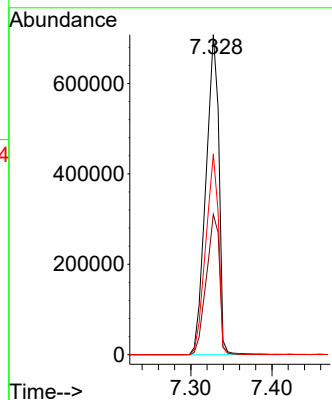
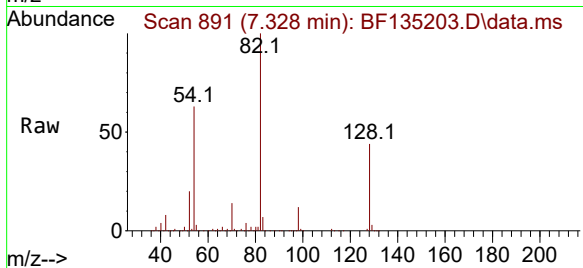
Tgt Ion: 82 Resp: 785405

Ion Ratio Lower Upper

82 100

128 43.9 35.8 53.6

54 62.8 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: BF135203.D

Acq: 13 Sep 2023 03:25

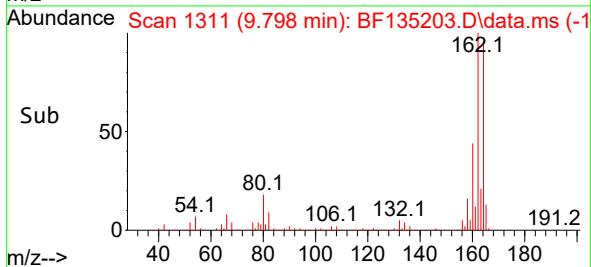
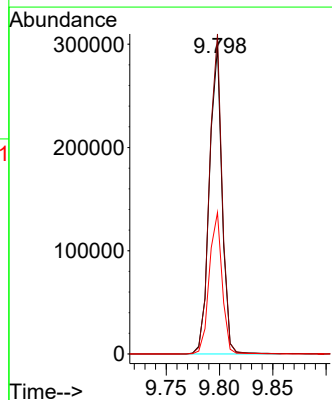
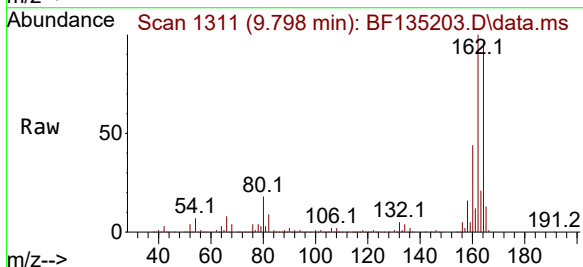
Tgt Ion: 164 Resp: 246088

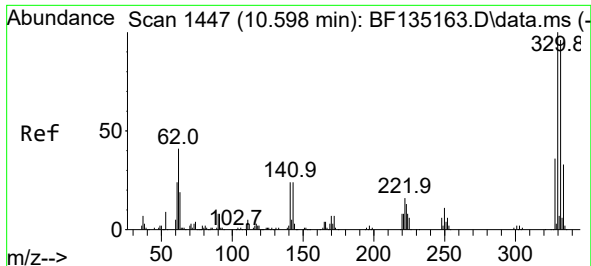
Ion Ratio Lower Upper

164 100

162 104.2 81.0 121.4

160 46.1 37.0 55.4



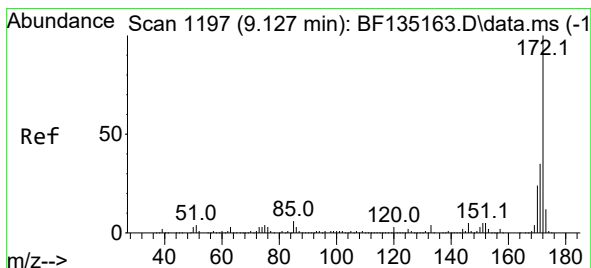
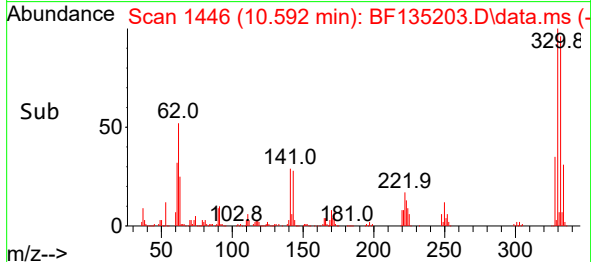
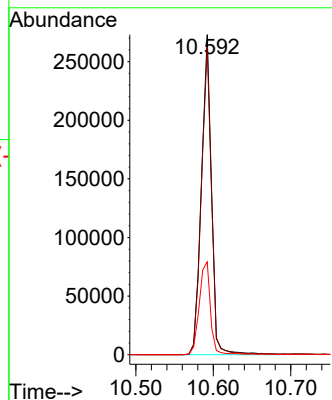
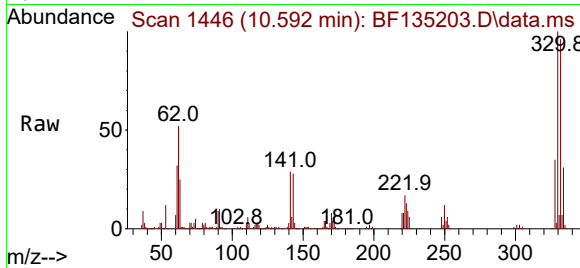


#42
 2,4,6-Tribromophenol
 Concen: 101.016 ng
 RT: 10.592 min Scan# 1446
 Delta R.T. -0.006 min
 Lab File: BF135203.D
 Acq: 13 Sep 2023 03:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tgt Ion: 330 Resp: 247037

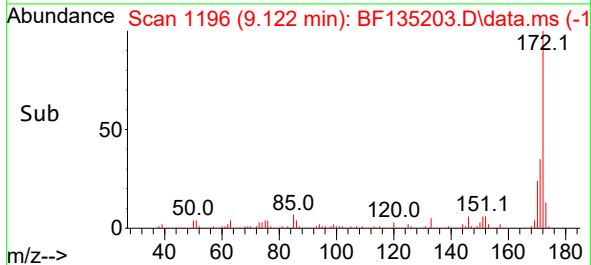
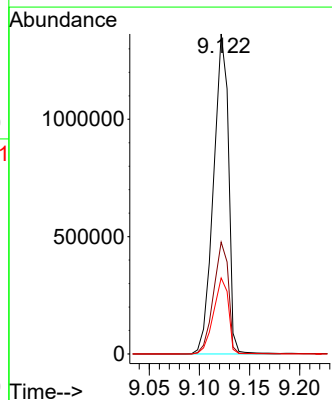
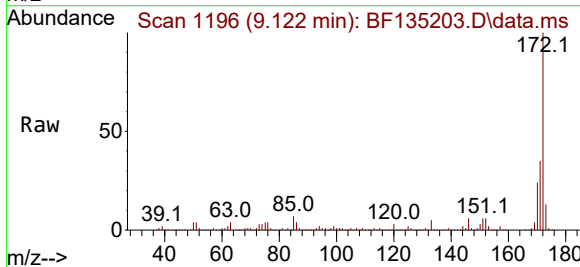
Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	32.3	25.8	38.8

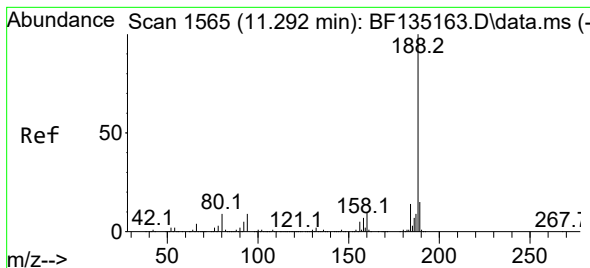


#45
 2-Fluorobiphenyl
 Concen: 86.910 ng
 RT: 9.122 min Scan# 1196
 Delta R.T. -0.006 min
 Lab File: BF135203.D
 Acq: 13 Sep 2023 03:25

Tgt Ion: 172 Resp: 1417593

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.4	42.6
170	23.8	19.0	28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135203.D

Acq: 13 Sep 2023 03:25

Instrument :

BNA_F

ClientSampleId :

MW-01

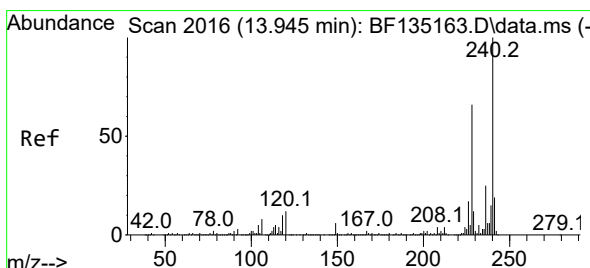
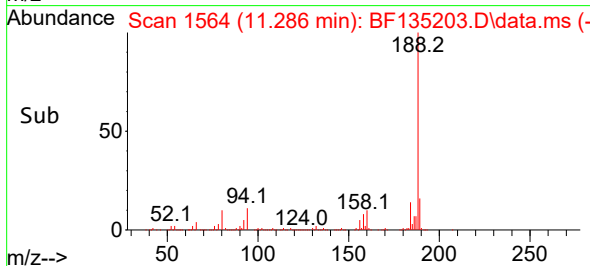
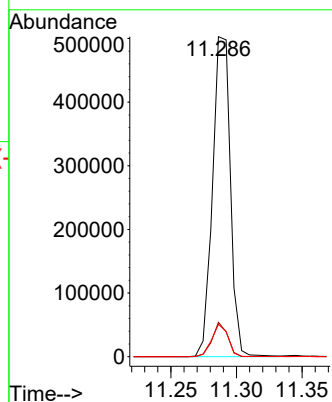
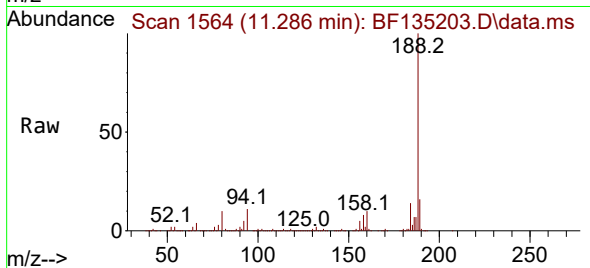
Tgt Ion:188 Resp: 476853

Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.6#

80 10.1 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135203.D

Acq: 13 Sep 2023 03:25

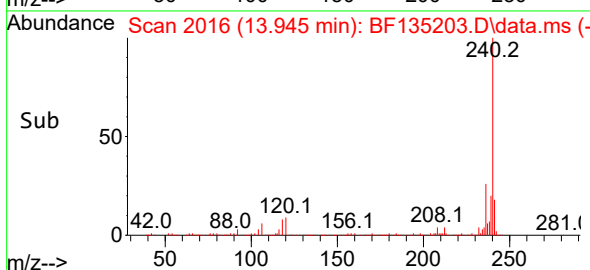
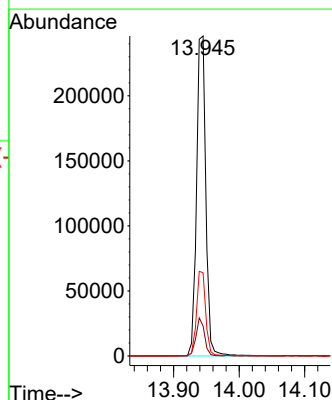
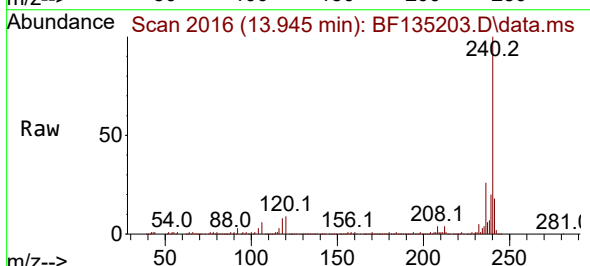
Tgt Ion:240 Resp: 242632

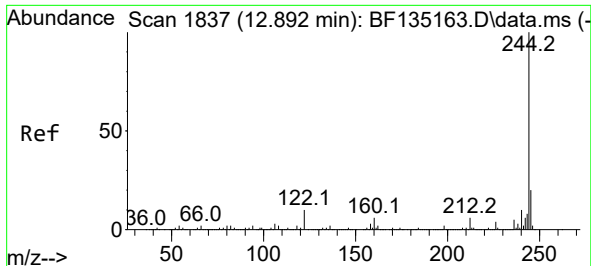
Ion Ratio Lower Upper

240 100

120 9.4 9.4 14.2#

236 26.0 19.8 29.8

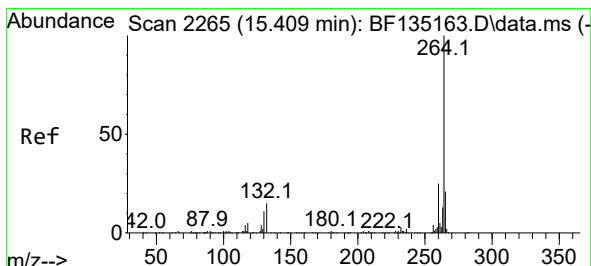
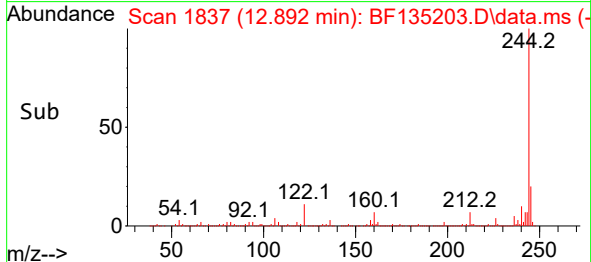
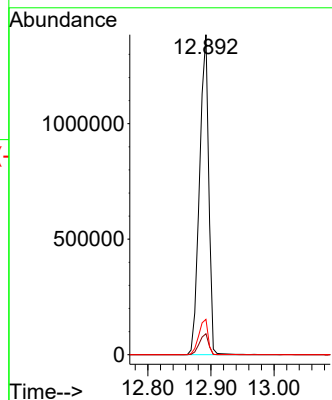
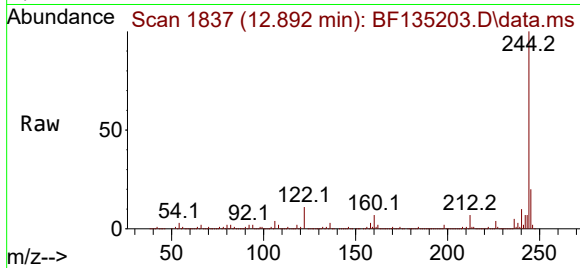




#79
 Terphenyl-d14
 Concen: 89.075 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135203.D
 Acq: 13 Sep 2023 03:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tgt Ion:244 Resp: 1394183
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.0 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: BF135203.D
 Acq: 13 Sep 2023 03:25

Tgt Ion:264 Resp: 247868
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.8 29.6
 265 21.4 17.0 25.4

