

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135241.D
 Acq On : 14 Sep 2023 01:11
 Operator : CG\JU
 Sample : 04256-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8R-4R-9

Quant Time: Sep 14 02:26:20 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	115028	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	422404	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	182899	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	276475	20.000	ng	0.00
76) Chrysene-d12	13.945	240	226189	20.000	ng	0.00
86) Perylene-d12	15.409	264	204115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	749549	105.983	ng	0.02
7) Phenol-d6	6.410	99	847872	94.282	ng	0.00
23) Nitrobenzene-d5	7.328	82	644643	82.914	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	192927	106.145	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1076340	88.787	ng	0.00
79) Terphenyl-d14	12.886	244	883517	60.552	ng	0.00

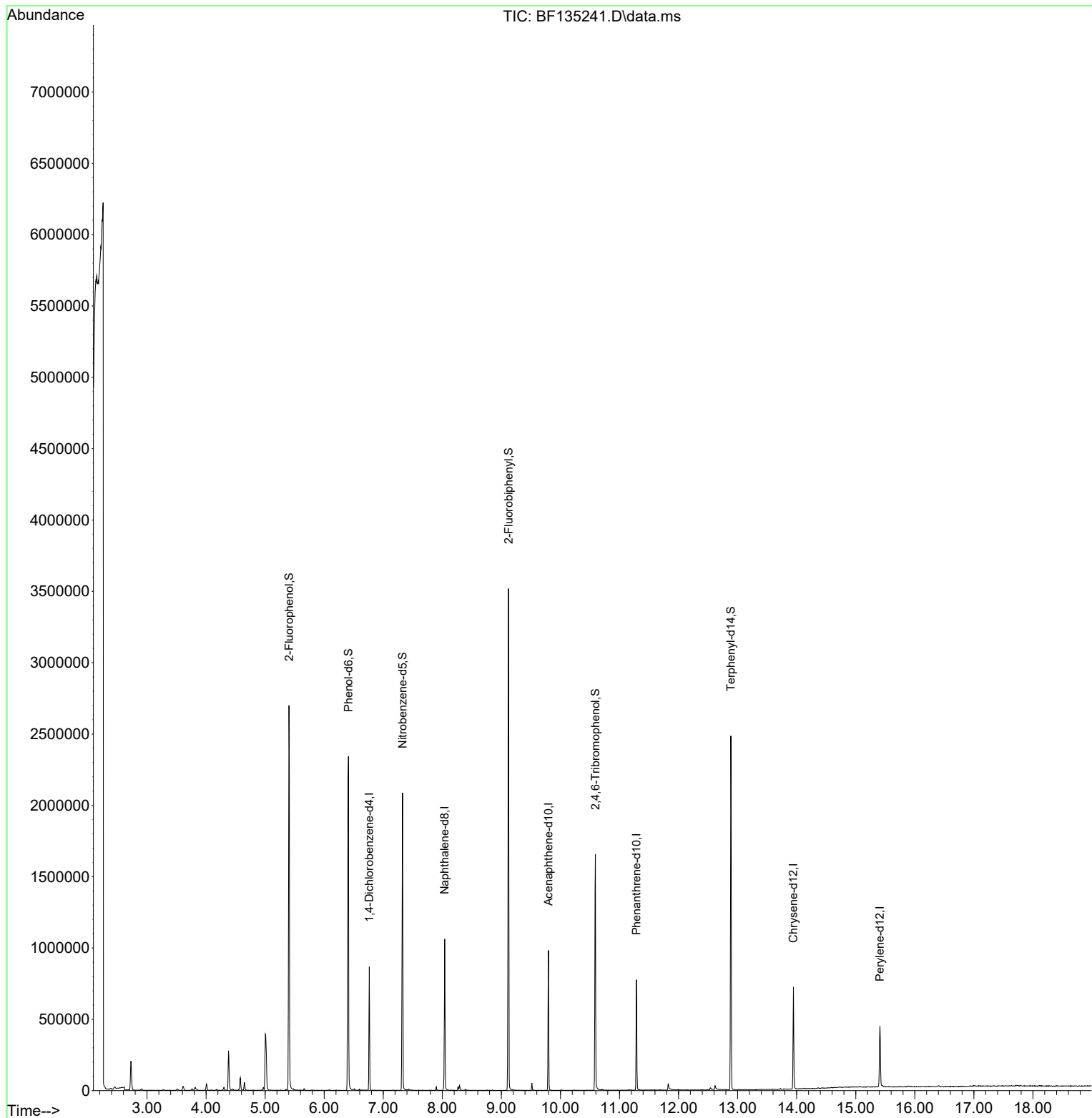
Target Compounds	Qvalue

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

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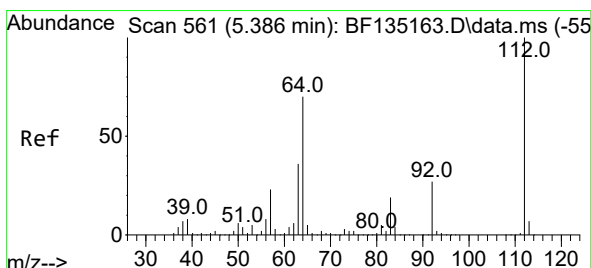
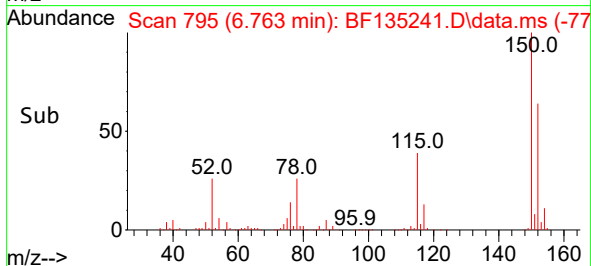
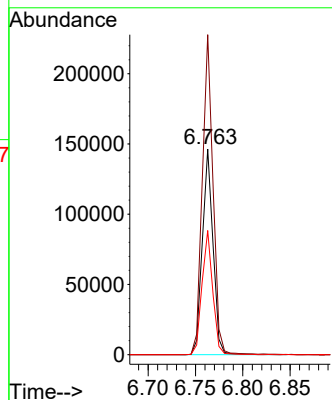
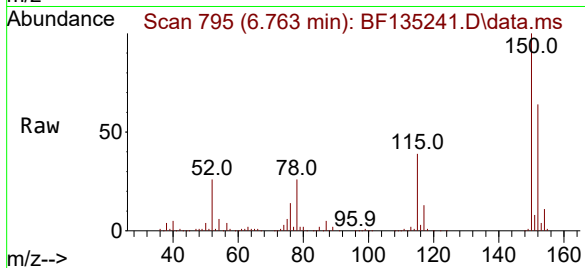




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135241.D
Acq: 14 Sep 2023 01:11

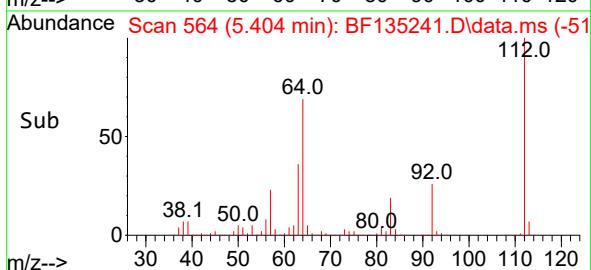
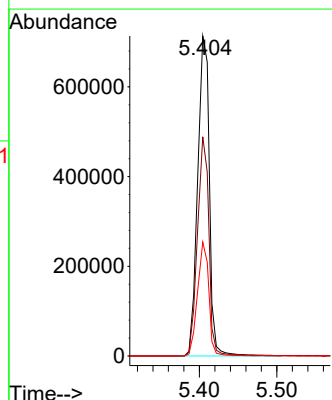
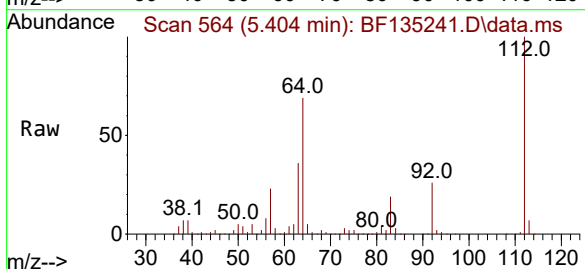
Instrument :
BNA_F
ClientSampleId :
MW-8R-4R-9

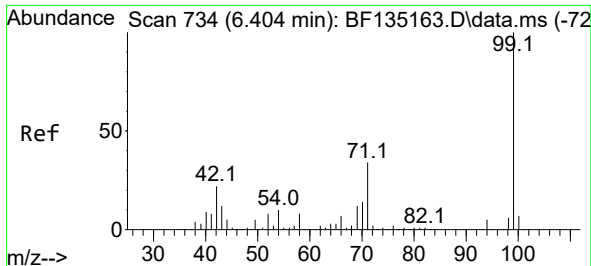
Tgt Ion:152 Resp: 115028
Ion Ratio Lower Upper
152 100
150 155.7 127.8 191.6
115 60.4 49.8 74.8



#5
2-Fluorophenol
Concen: 105.983 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135241.D
Acq: 14 Sep 2023 01:11

Tgt Ion:112 Resp: 749549
Ion Ratio Lower Upper
112 100
64 68.5 55.9 83.9
63 35.6 29.0 43.6

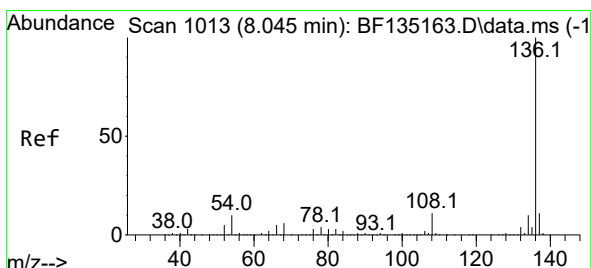
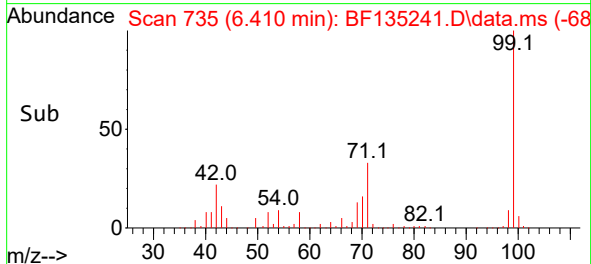
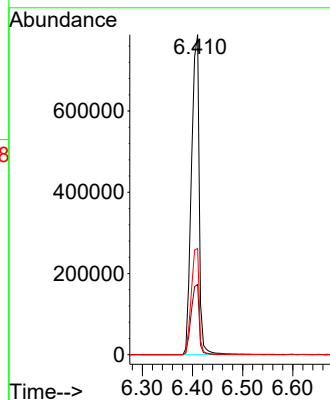
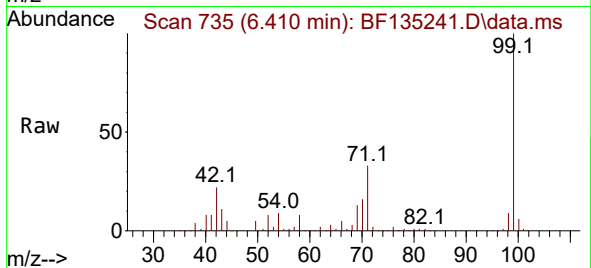




#7
Phenol-d6
Concen: 94.282 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135241.D
Acq: 14 Sep 2023 01:11

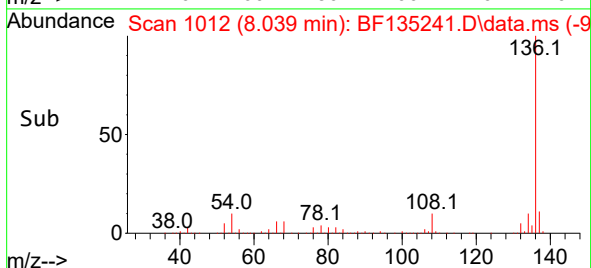
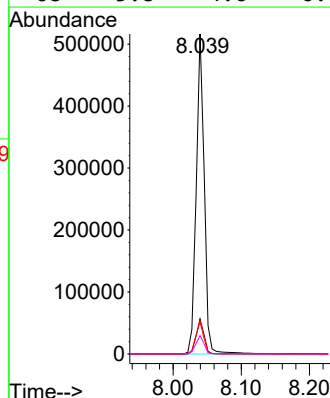
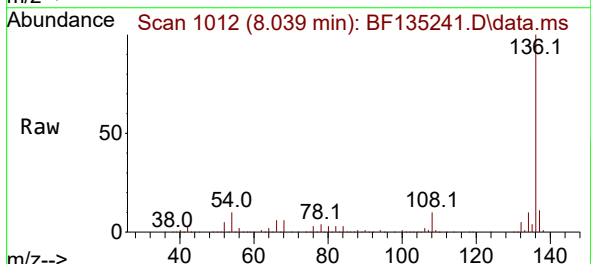
Instrument :
BNA_F
ClientSampleId :
MW-8R-4R-9

Tgt Ion: 99 Resp: 847872
Ion Ratio Lower Upper
99 100
42 22.0 17.9 26.9
71 33.2 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: BF135241.D
Acq: 14 Sep 2023 01:11

Tgt Ion: 136 Resp: 422404
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.0 7.7 11.5
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 82.914 ng

RT: 7.328 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF135241.D

Acq: 14 Sep 2023 01:11

Instrument :

BNA_F

ClientSampleId :

MW-8R-4R-9

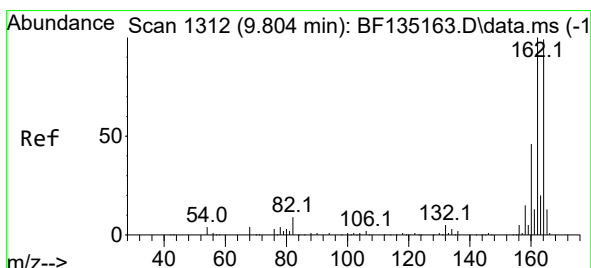
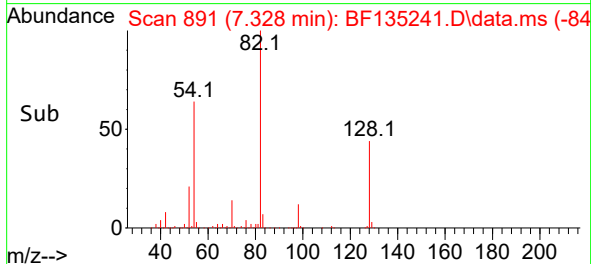
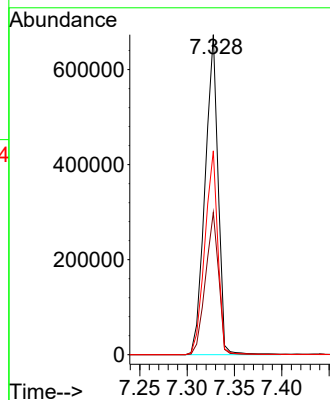
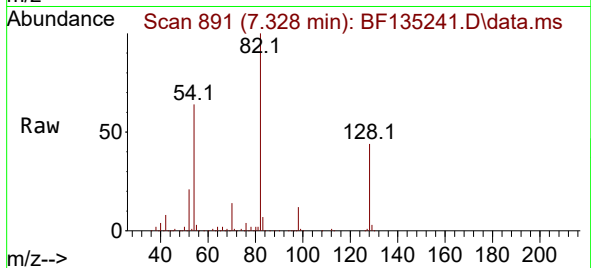
Tgt Ion: 82 Resp: 644643

Ion Ratio Lower Upper

82 100

128 44.5 35.8 53.6

54 63.7 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: BF135241.D

Acq: 14 Sep 2023 01:11

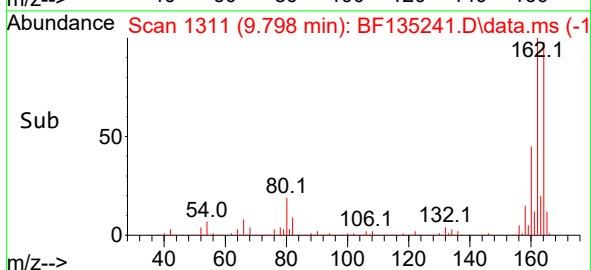
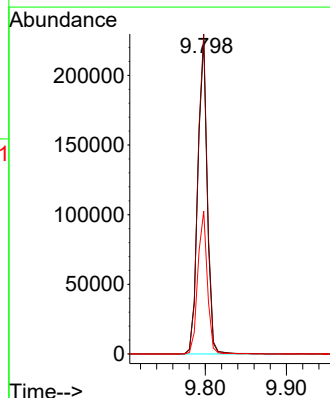
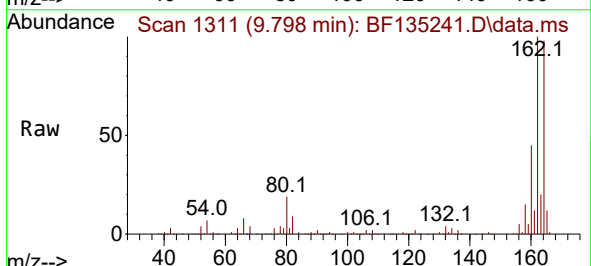
Tgt Ion: 164 Resp: 182899

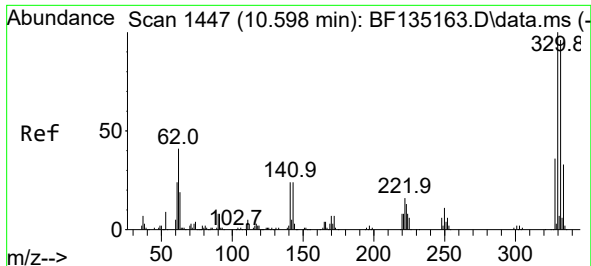
Ion Ratio Lower Upper

164 100

162 101.9 81.0 121.4

160 45.5 37.0 55.4

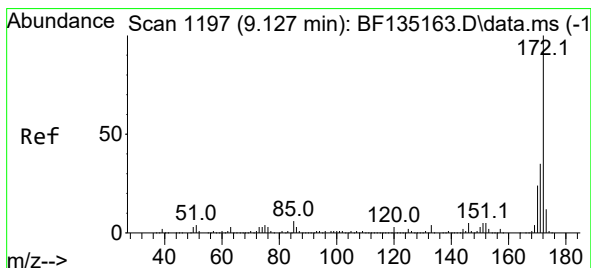
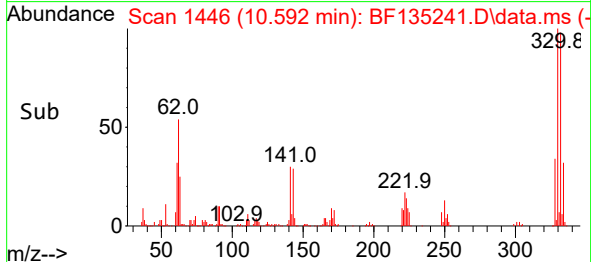
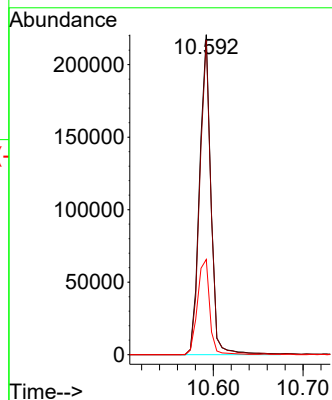
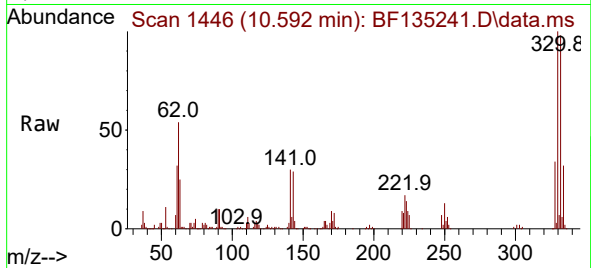




#42
2,4,6-Tribromophenol
Concen: 106.145 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135241.D
Acq: 14 Sep 2023 01:11

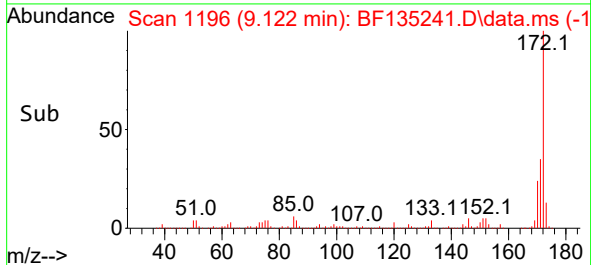
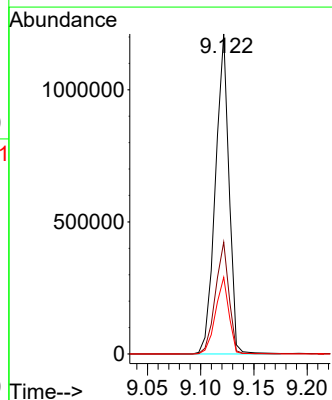
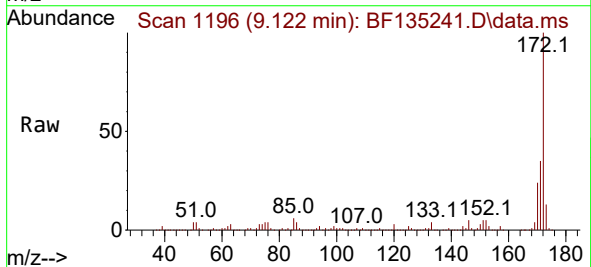
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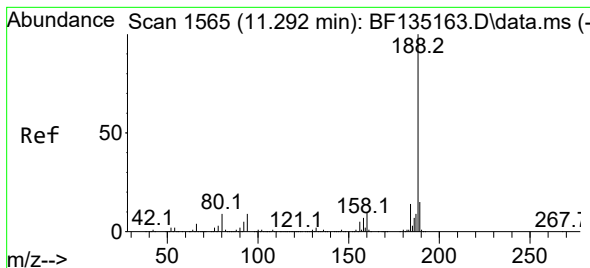
Tgt Ion:330 Resp: 192927
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 32.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 88.787 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135241.D
Acq: 14 Sep 2023 01:11

Tgt Ion:172 Resp: 1076340
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.9 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: BF135241.D

Acq: 14 Sep 2023 01:11

Instrument :

BNA_F

ClientSampleId :

MW-8R-4R-9

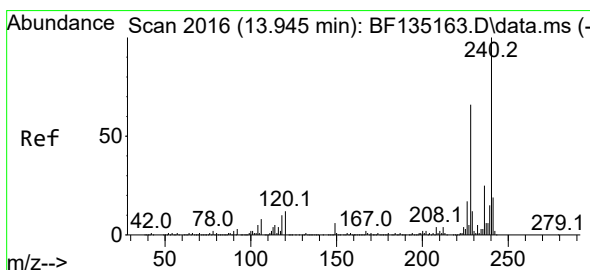
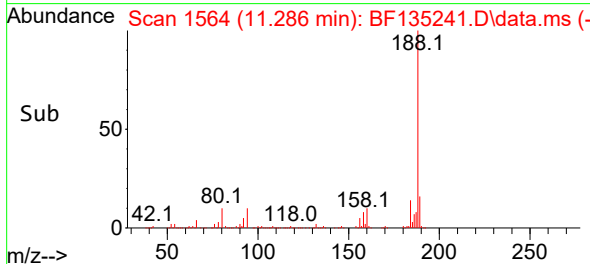
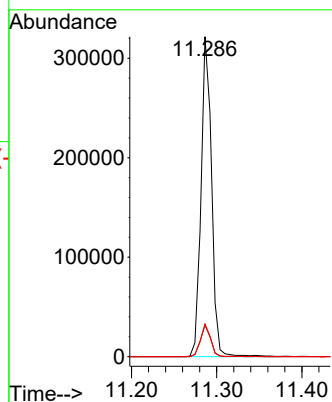
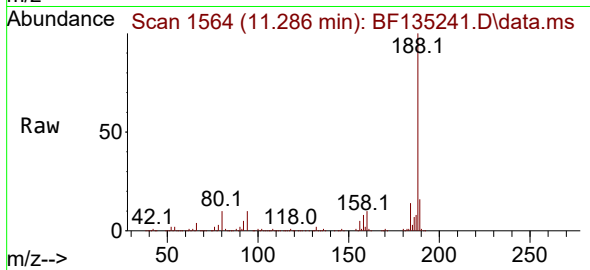
Tgt Ion:188 Resp: 276475

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.6

80 10.3 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: BF135241.D

Acq: 14 Sep 2023 01:11

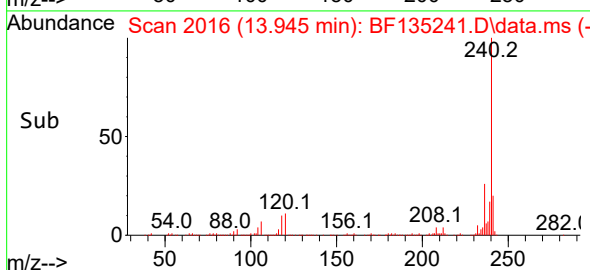
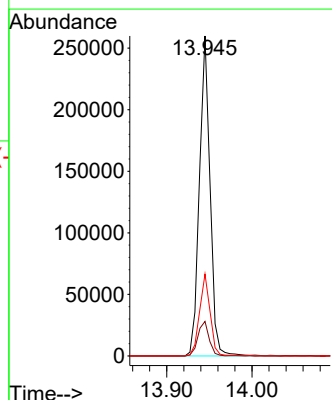
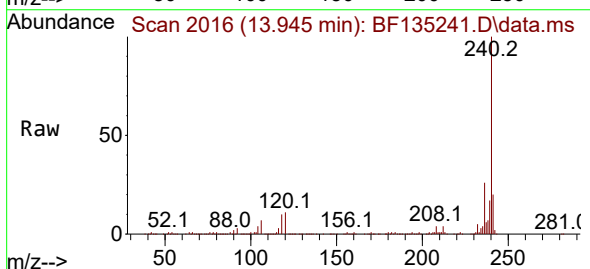
Tgt Ion:240 Resp: 226189

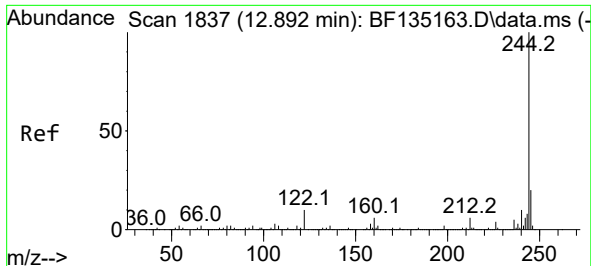
Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.2

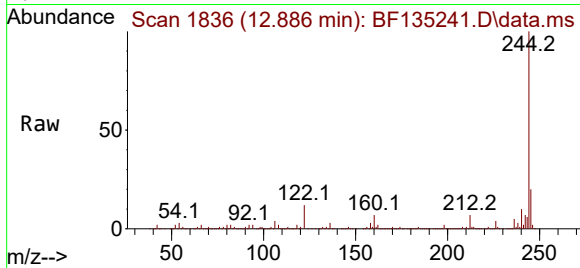
236 25.6 19.8 29.8



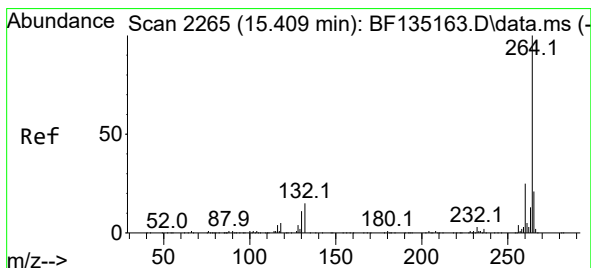
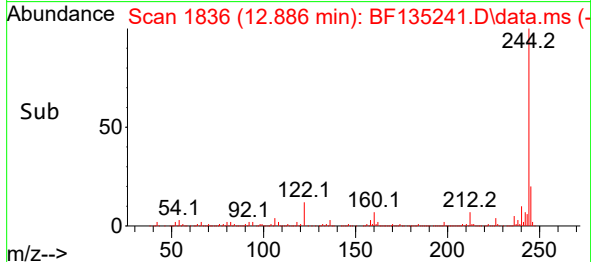
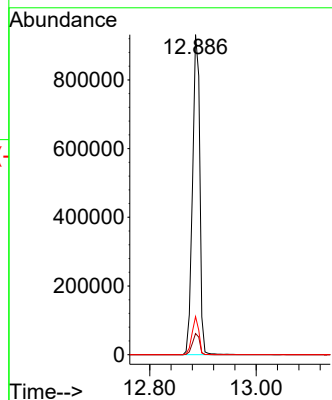


#79
 Terphenyl-d14
 Concen: 60.552 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135241.D
 Acq: 14 Sep 2023 01:11

Instrument :
 BNA_F
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 MW-8R-4R-9



Tgt Ion:244 Resp: 883517
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.9 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135241.D
 Acq: 14 Sep 2023 01:11

Tgt Ion:264 Resp: 204115
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.8 29.6
 265 21.4 17.0 25.4

