

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
 Data File : BF138035.D
 Acq On : 23 May 2024 19:01
 Operator : CG\JU
 Sample : P2556-01 20X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: May 24 01:26:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

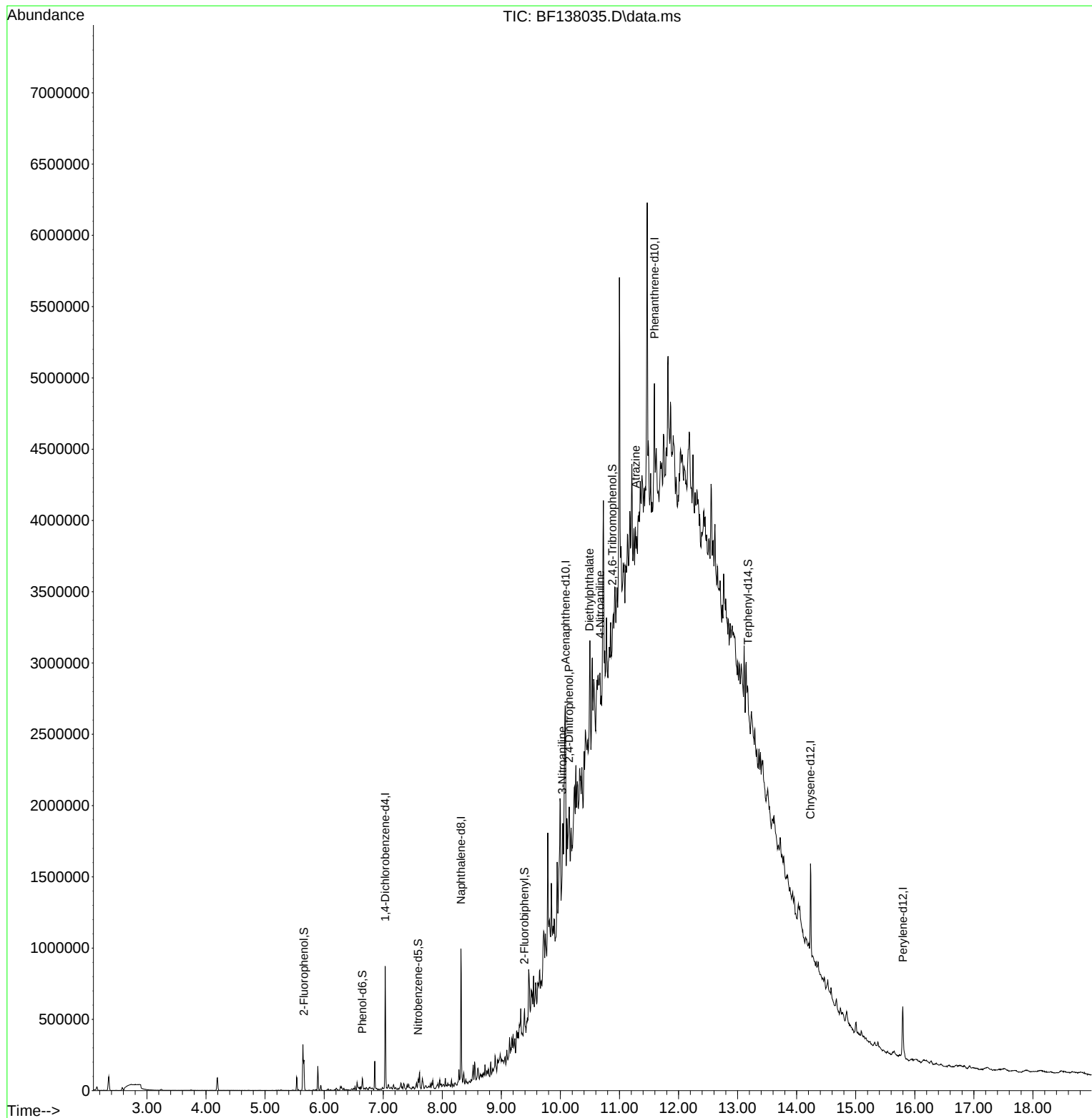
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	113125	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	402745	20.000	ng	-0.01
39) Acenaphthene-d10	10.086	164	188335	20.000	ng	0.00
64) Phenanthrene-d10	11.592	188	233324	20.000	ng	# 0.01
76) Chrysene-d12	14.233	240	222919	20.000	ng	0.00
86) Perylene-d12	15.798	264	171961	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	28668	4.305	ng	0.00
7) Phenol-d6	6.646	99	32275	3.934	ng	-0.01
23) Nitrobenzene-d5	7.593	82	18527	2.707	ng	-0.02
42) 2,4,6-Tribromophenol	10.881	330	6042	3.182	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	45788	3.745	ng	0.00
79) Terphenyl-d14	13.175	244	37349	2.469	ng	0.01
Target Compounds						Qvalue
53) 3-Nitroaniline	10.034	138	5643	2.130	ng	# 19
54) 2,4-Dinitrophenol	10.145	184	566	7.320	ng	# 1
60) Diethylphthalate	10.492	149	22796	2.067	ng	# 39
62) 4-Nitroaniline	10.675	138	5902	2.348	ng	# 56
69) Atrazine	11.275	200	5874	3.006	ng	# 1

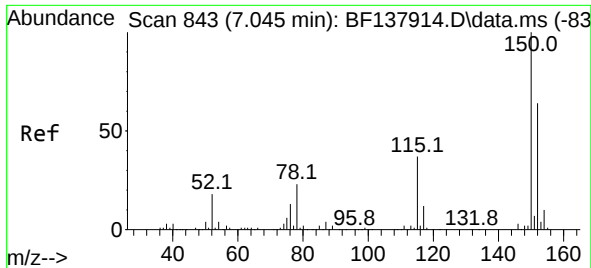
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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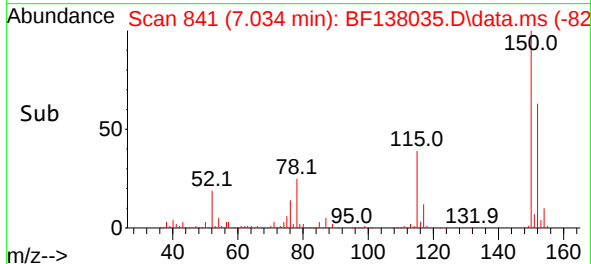
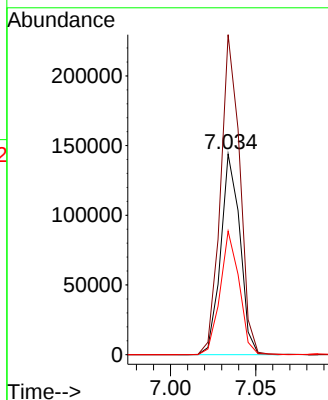
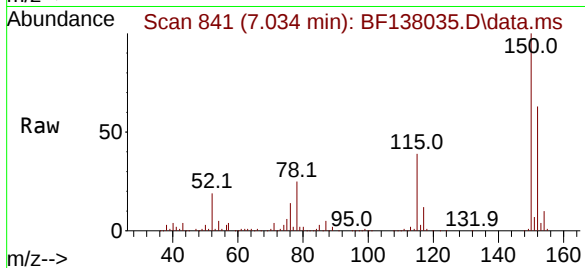




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138035.D
Acq: 23 May 2024 19:01

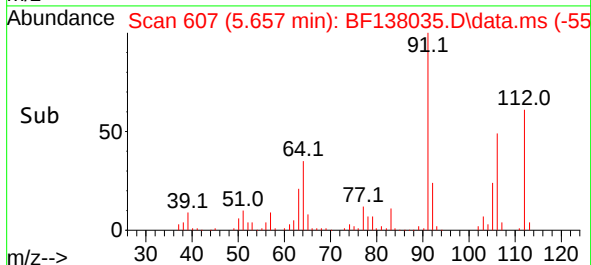
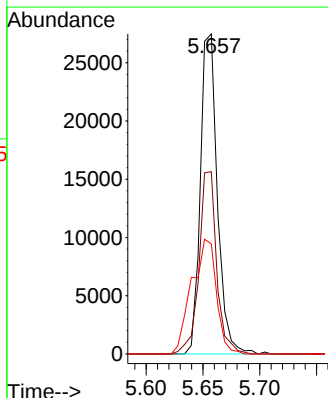
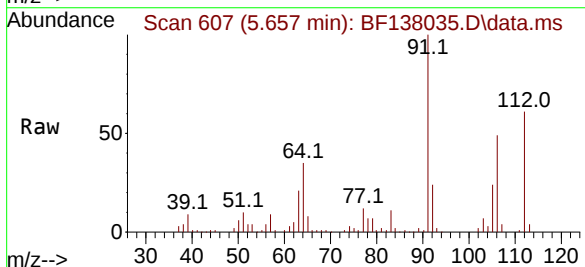
Instrument :
BNA_F
ClientSampleId :
COMP-1

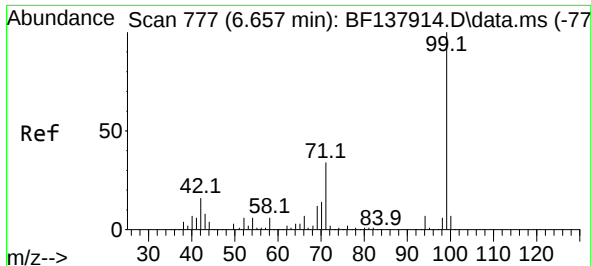
Tgt Ion:152 Resp: 113125
Ion Ratio Lower Upper
152 100
150 159.5 125.7 188.5
115 61.6 47.0 70.6



#5
2-Fluorophenol
Concen: 4.305 ng
RT: 5.657 min Scan# 607
Delta R.T. -0.006 min
Lab File: BF138035.D
Acq: 23 May 2024 19:01

Tgt Ion:112 Resp: 28668
Ion Ratio Lower Upper
112 100
64 57.0 42.4 63.6
63 34.4 21.4 32.2#

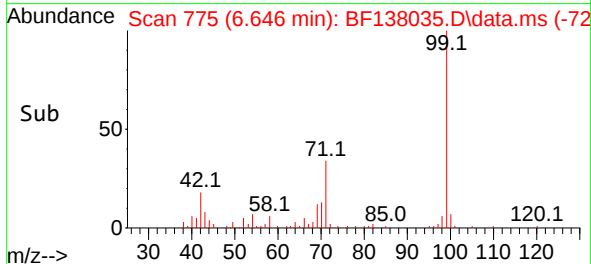
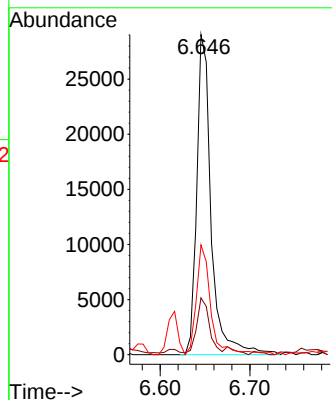
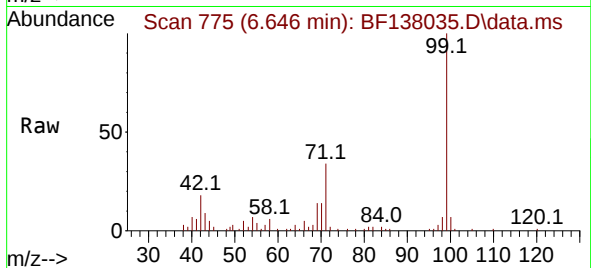




#7
Phenol-d6
Concen: 3.934 ng
RT: 6.646 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138035.D
Acq: 23 May 2024 19:01

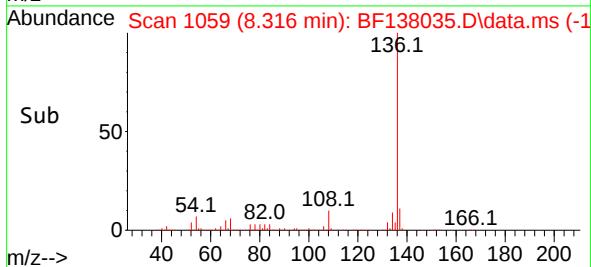
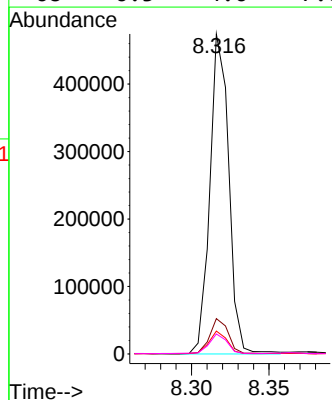
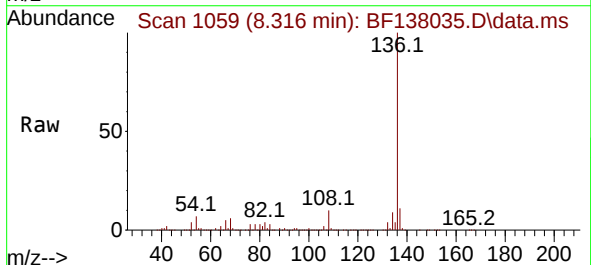
Instrument :
BNA_F
ClientSampleId :
COMP-1

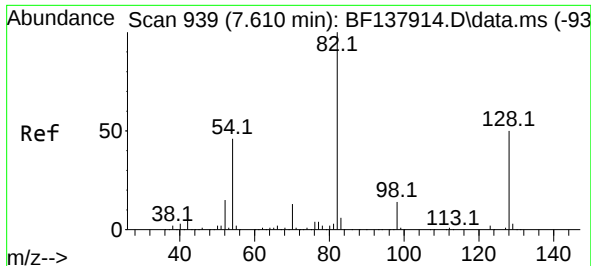
Tgt Ion: 99 Resp: 32275
Ion Ratio Lower Upper
99 100
42 17.8 12.6 18.8
71 34.3 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138035.D
Acq: 23 May 2024 19:01

Tgt Ion: 136 Resp: 402745
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.1 5.4 8.2
68 6.3 4.6 7.0





#23

Nitrobenzene-d5

Concen: 2.707 ng

RT: 7.593 min Scan# 91

Delta R.T. -0.017 min

Lab File: BF138035.D

Acq: 23 May 2024 19:01

Instrument :

BNA_F

ClientSampleId :

COMP-1

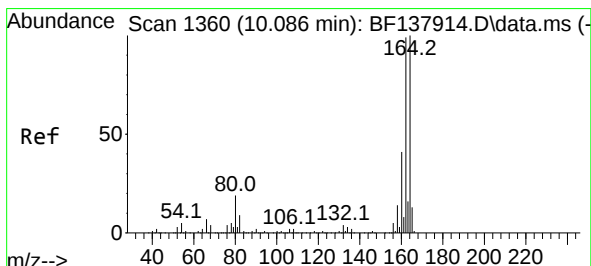
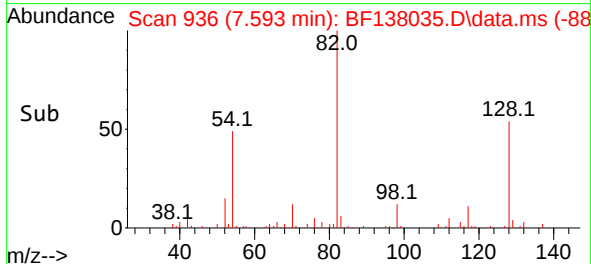
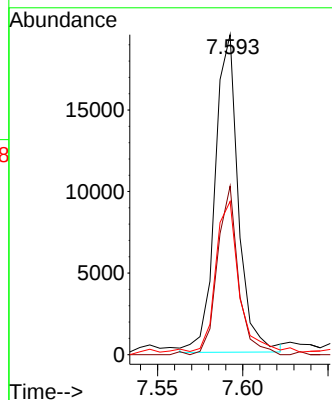
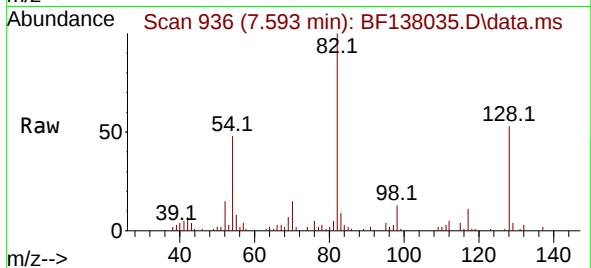
Tgt Ion: 82 Resp: 18527

Ion Ratio Lower Upper

82 100

128 52.7 40.3 60.5

54 47.9 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.086 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF138035.D

Acq: 23 May 2024 19:01

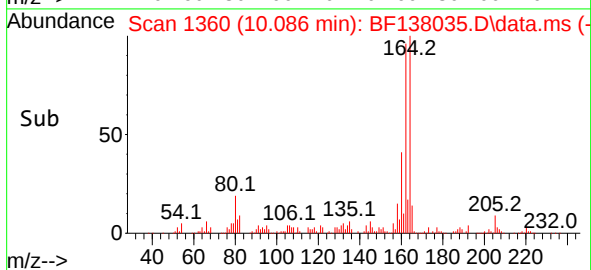
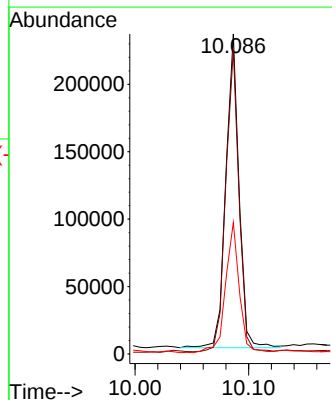
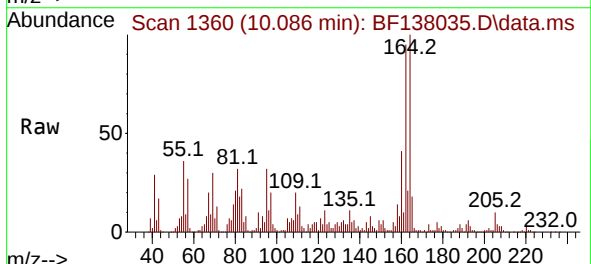
Tgt Ion:164 Resp: 188335

Ion Ratio Lower Upper

164 100

162 95.1 79.4 119.2

160 41.1 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 3.182 ng

RT: 10.881 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BF138035.D

Acq: 23 May 2024 19:01

Instrument :

BNA_F

ClientSampleId :

COMP-1

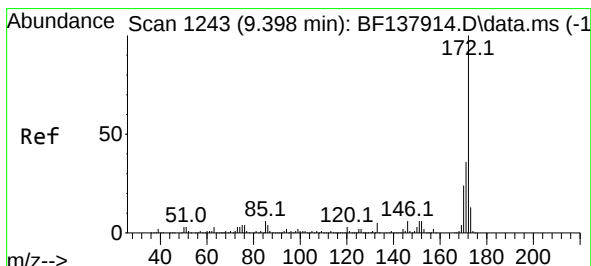
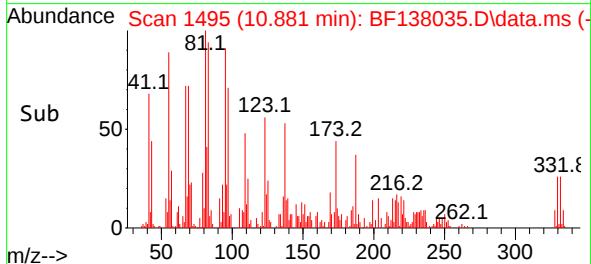
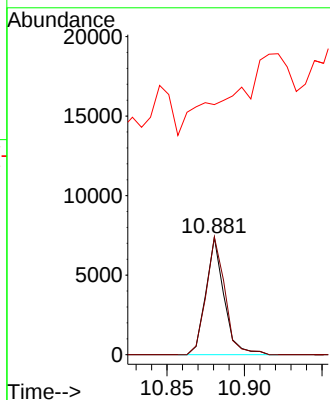
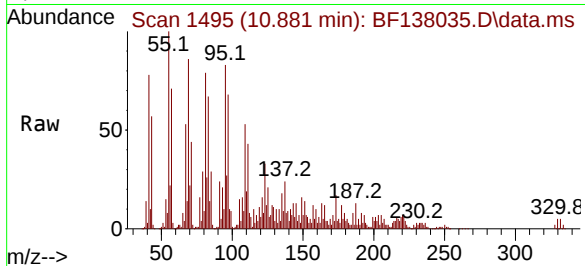
Tgt Ion:330 Resp: 6042

Ion Ratio Lower Upper

330 100

332 104.4 75.8 113.8

141 0.0 23.8 35.6#



#45

2-Fluorobiphenyl

Concen: 3.745 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138035.D

Acq: 23 May 2024 19:01

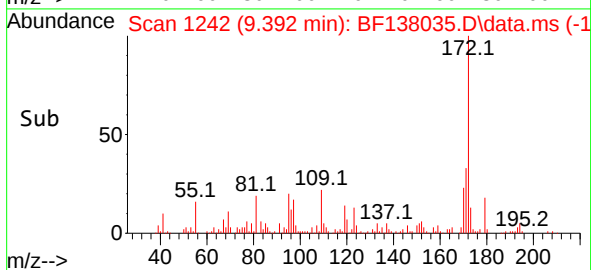
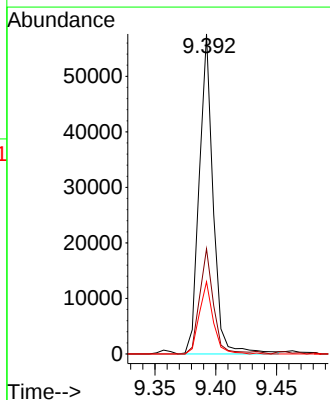
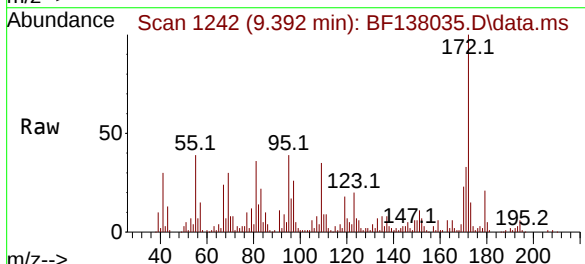
Tgt Ion:172 Resp: 45788

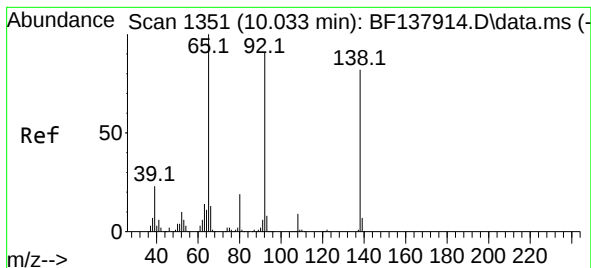
Ion Ratio Lower Upper

172 100

171 32.8 28.9 43.3

170 22.5 18.9 28.3

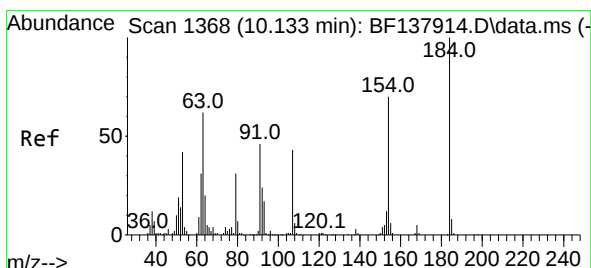
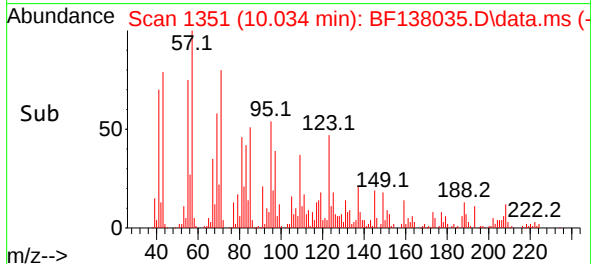
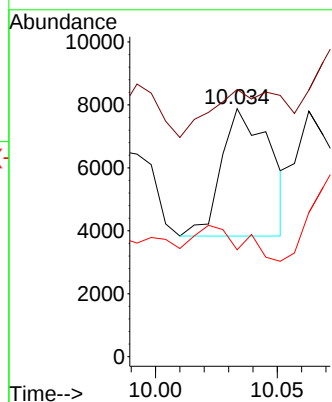
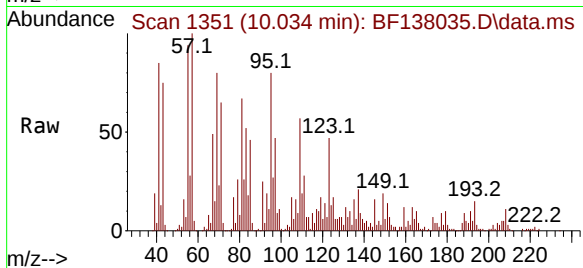




#53
3-Nitroaniline
Concen: 2.130 ng
RT: 10.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138035.D
Acq: 23 May 2024 19:01

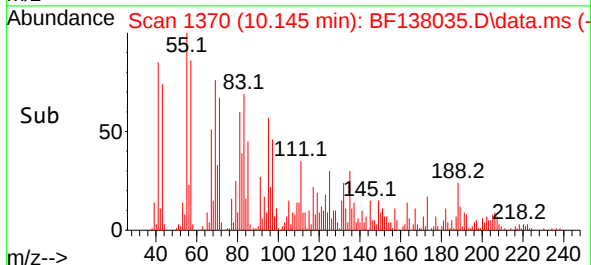
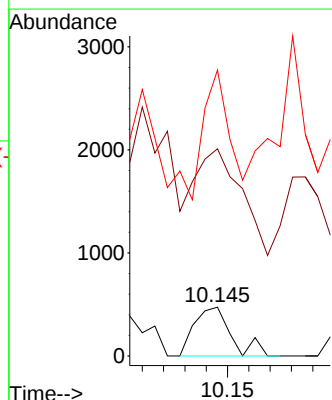
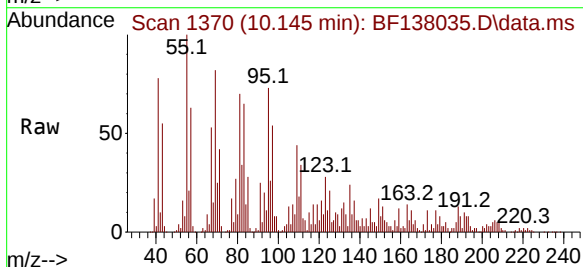
Instrument :
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ClientSampleId :
COMP-1

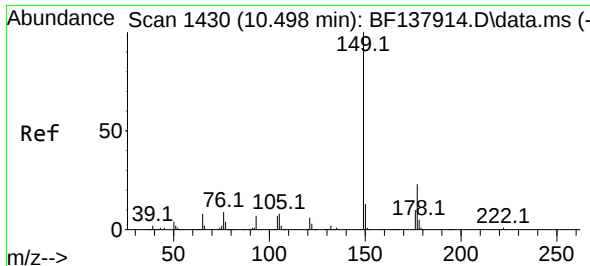
Tgt Ion:138 Resp: 5643
Ion Ratio Lower Upper
138 100
108 107.7 8.8 13.2#
92 43.1 88.6 133.0#



#54
2,4-Dinitrophenol
Concen: 7.320 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.012 min
Lab File: BF138035.D
Acq: 23 May 2024 19:01

Tgt Ion:184 Resp: 566
Ion Ratio Lower Upper
184 100
63 424.3 50.4 75.6#
154 585.4 63.7 95.5#

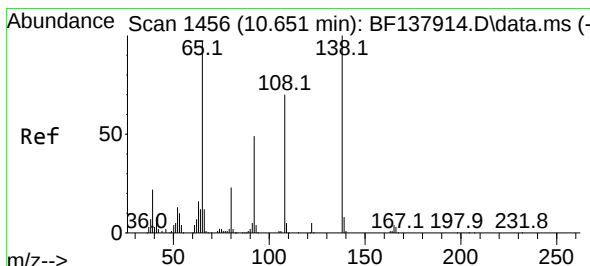
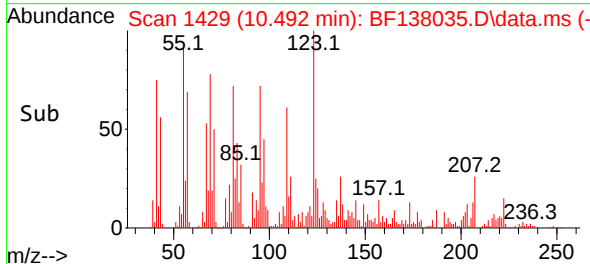
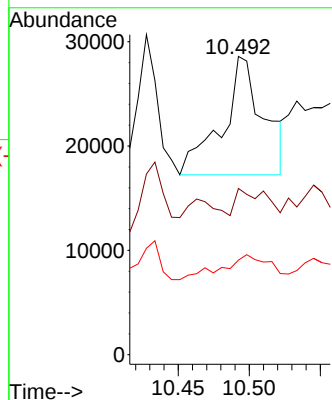
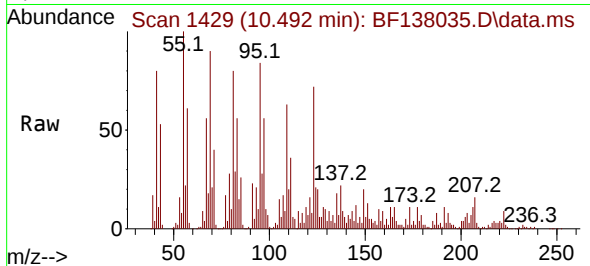




#60
Diethylphthalate
Concen: 2.067 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF138035.D
Acq: 23 May 2024 19:01

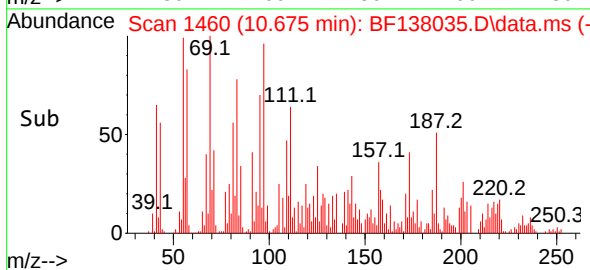
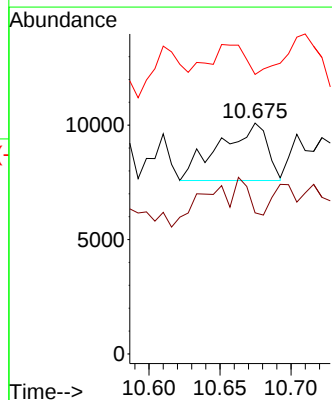
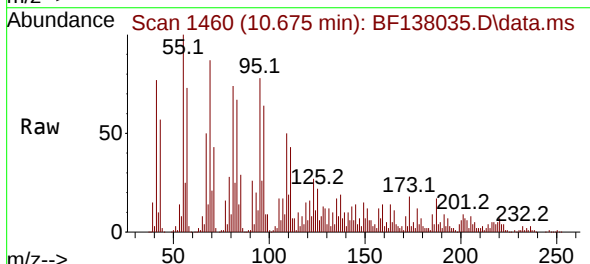
Instrument :
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ClientSampleId :
COMP-1

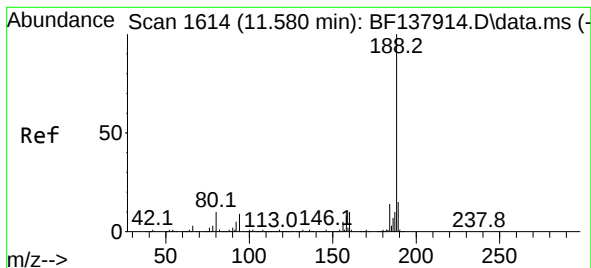
Tgt Ion:149 Resp: 22796
Ion Ratio Lower Upper
149 100
177 55.8 18.4 27.6#
150 31.7 10.1 15.1#



#62
4-Nitroaniline
Concen: 2.348 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.024 min
Lab File: BF138035.D
Acq: 23 May 2024 19:01

Tgt Ion:138 Resp: 5902
Ion Ratio Lower Upper
138 100
92 61.1 29.0 69.0
108 121.0 49.7 89.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.592 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF138035.D

Acq: 23 May 2024 19:01

Instrument :

BNA_F

ClientSampleId :

COMP-1

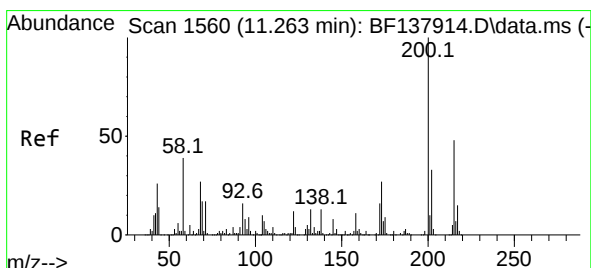
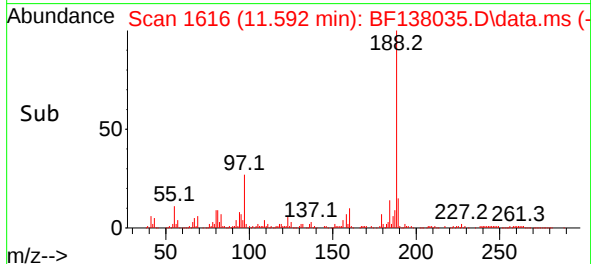
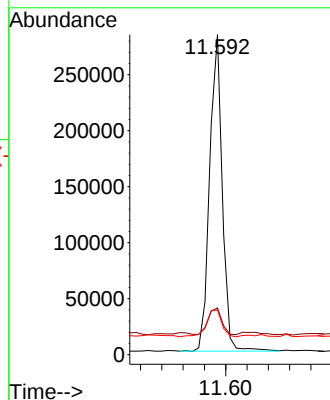
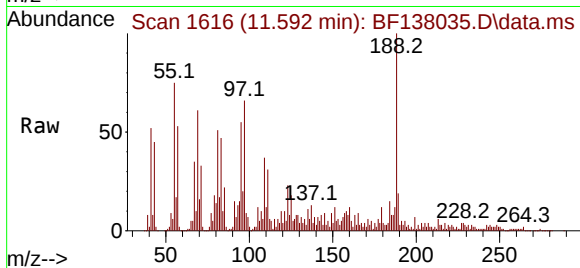
Tgt Ion:188 Resp: 233324

Ion Ratio Lower Upper

188 100

94 14.6 7.0 10.4#

80 14.0 7.7 11.5#



#69

Atrazine

Concen: 3.006 ng

RT: 11.275 min Scan# 1562

Delta R.T. 0.012 min

Lab File: BF138035.D

Acq: 23 May 2024 19:01

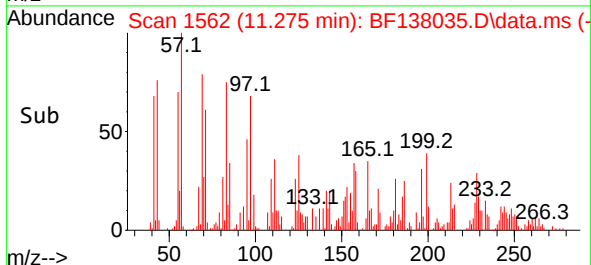
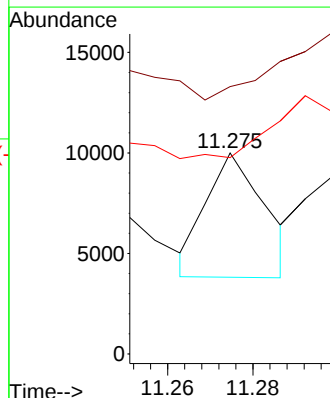
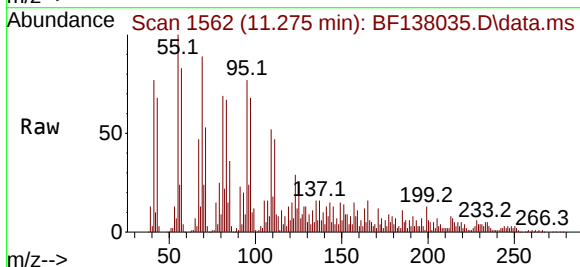
Tgt Ion:200 Resp: 5874

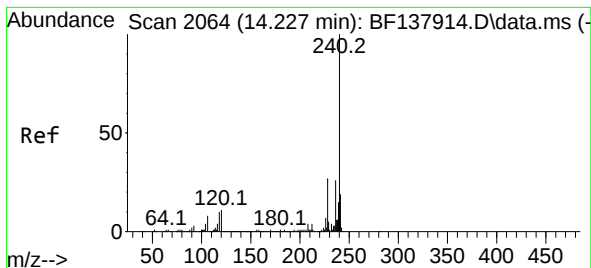
Ion Ratio Lower Upper

200 100

173 133.0 6.6 46.6#

215 97.7 27.5 67.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.233 min Scan# 2064

Delta R.T. 0.006 min

Lab File: BF138035.D

Acq: 23 May 2024 19:01

Instrument :

BNA_F

ClientSampleId :

COMP-1

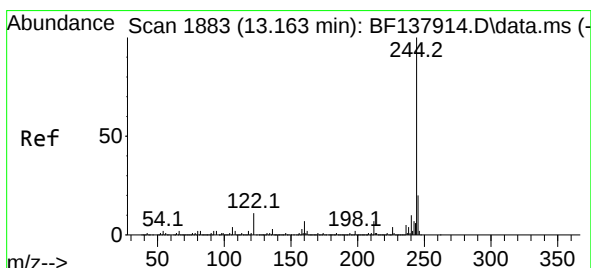
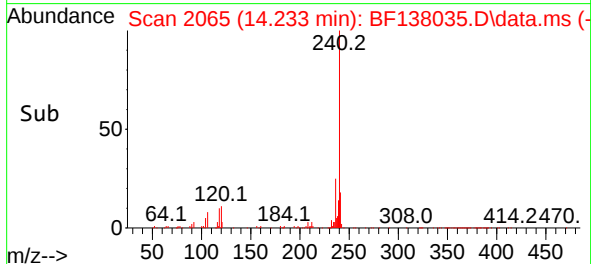
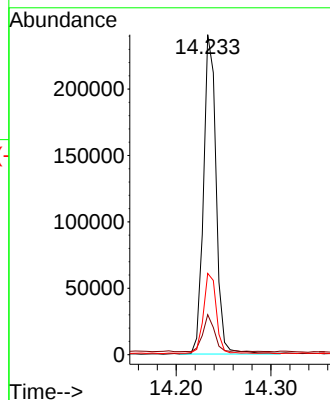
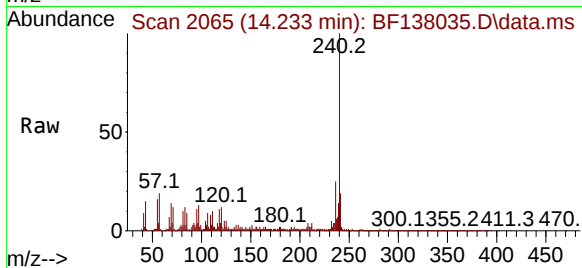
Tgt Ion:240 Resp: 222919

Ion Ratio Lower Upper

240 100

120 12.5 8.9 13.3

236 25.4 21.0 31.4



#79

Terphenyl-d14

Concen: 2.469 ng

RT: 13.175 min Scan# 1885

Delta R.T. 0.012 min

Lab File: BF138035.D

Acq: 23 May 2024 19:01

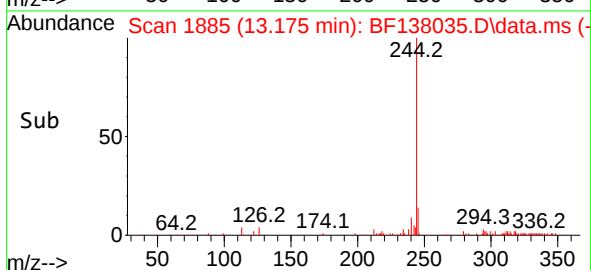
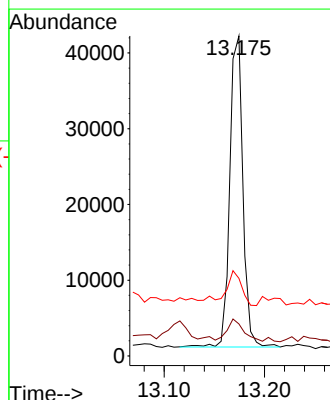
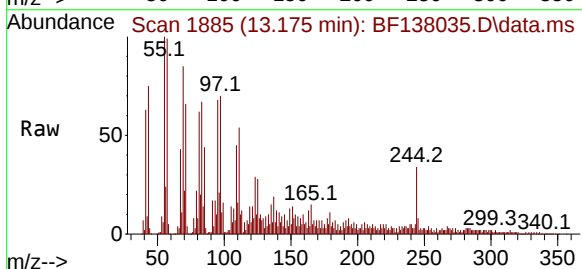
Tgt Ion:244 Resp: 37349

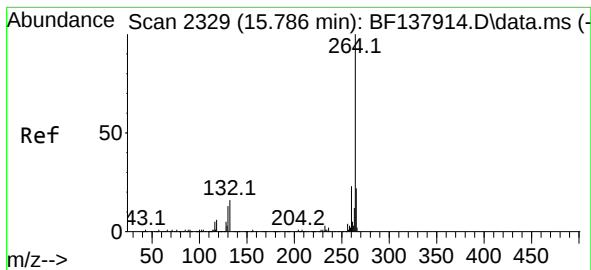
Ion Ratio Lower Upper

244 100

212 10.0 5.6 8.4#

122 24.3 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.798 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138035.D
Acq: 23 May 2024 19:01

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:264 Resp: 171961
Ion Ratio Lower Upper
264 100
260 23.5 18.3 27.5
265 20.7 17.6 26.4

