

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
 Data File : BF138041.D
 Acq On : 28 May 2024 12:13
 Operator : CG\JU
 Sample : P2612-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT1486

Quant Time: May 28 13:05:54 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)

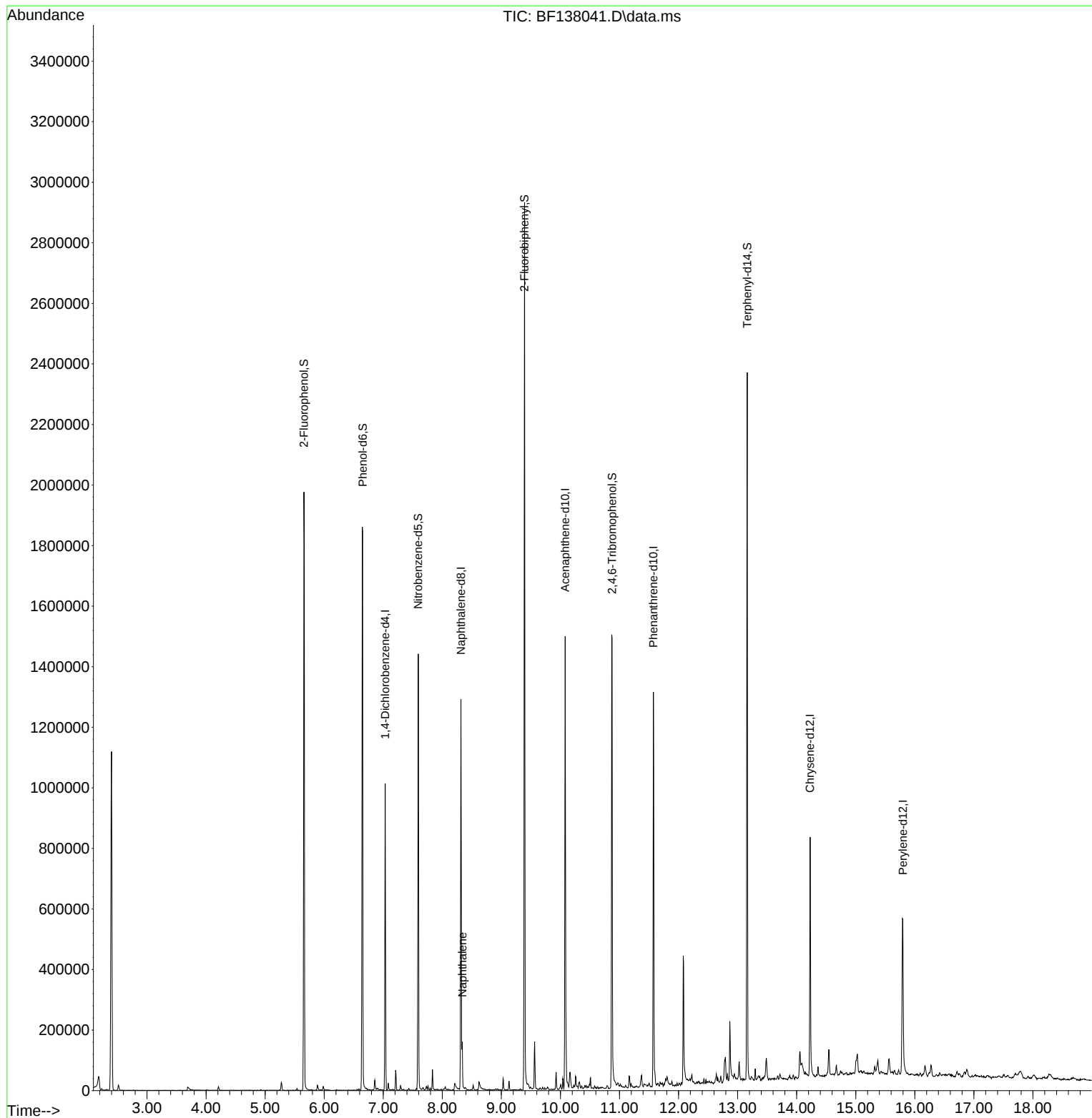
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	138950	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	545351	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	301838	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	489217	20.000	ng	0.00
76) Chrysene-d12	14.227	240	262132	20.000	ng	0.00
86) Perylene-d12	15.798	264	263857	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	584892	71.502	ng	0.00
7) Phenol-d6	6.651	99	727211	72.169	ng	0.00
23) Nitrobenzene-d5	7.592	82	431637	46.579	ng	-0.02
42) 2,4,6-Tribromophenol	10.874	330	223624	73.478	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	865542	44.172	ng	0.00
79) Terphenyl-d14	13.163	244	783488	44.051	ng	0.00
Target Compounds						
31) Naphthalene	8.339	128	62643	2.285	ng	Qvalue 98

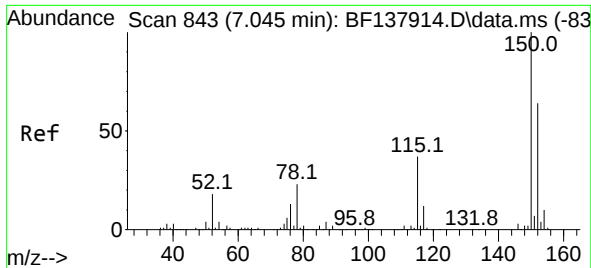
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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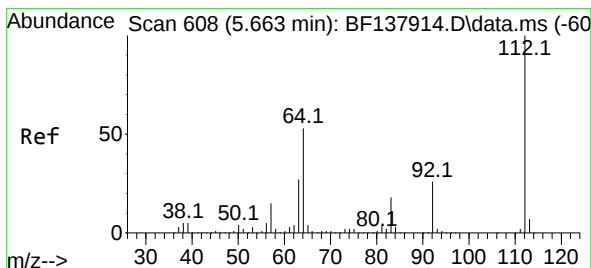
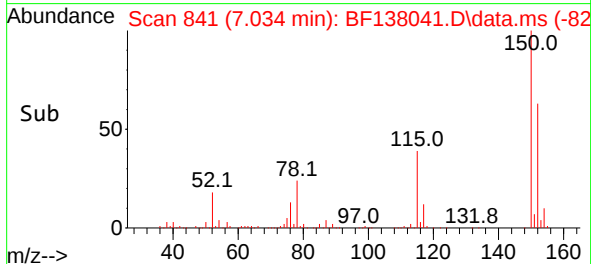
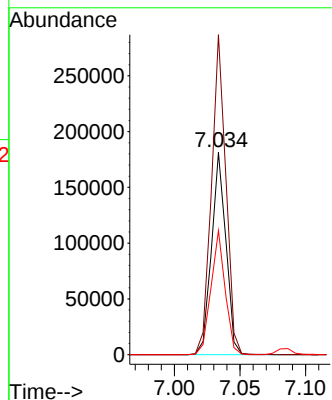
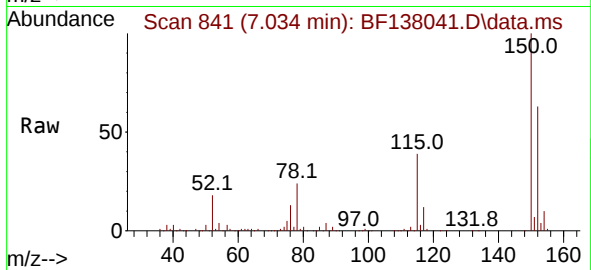




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

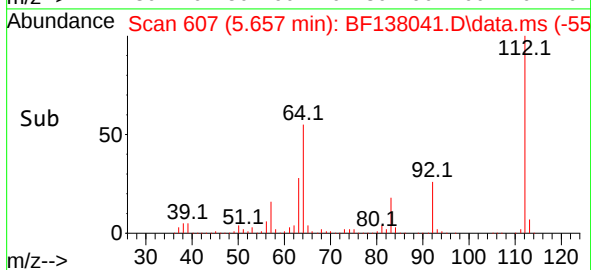
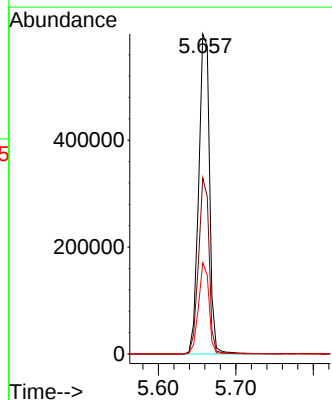
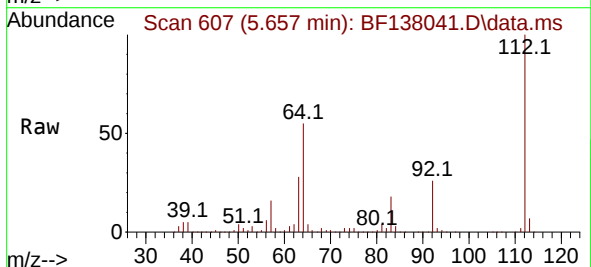
Instrument :
BNA_F
ClientSampleId :
RT1486

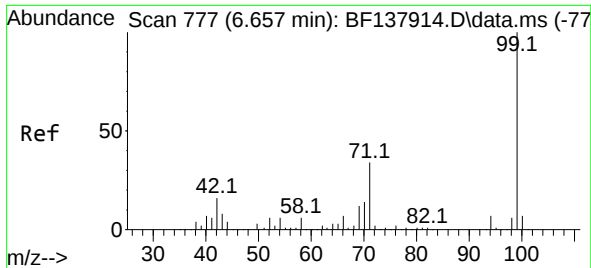
Tgt Ion:152 Resp: 138950
Ion Ratio Lower Upper
152 100
150 158.2 125.7 188.5
115 61.4 47.0 70.6



#5
2-Fluorophenol
Concen: 71.502 ng
RT: 5.657 min Scan# 607
Delta R.T. -0.006 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

Tgt Ion:112 Resp: 584892
Ion Ratio Lower Upper
112 100
64 55.0 42.4 63.6
63 28.5 21.4 32.2





#7

Phenol-d6

Concen: 72.169 ng

RT: 6.651 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138041.D

Acq: 28 May 2024 12:13

Instrument :

BNA_F

ClientSampleId :

RT1486

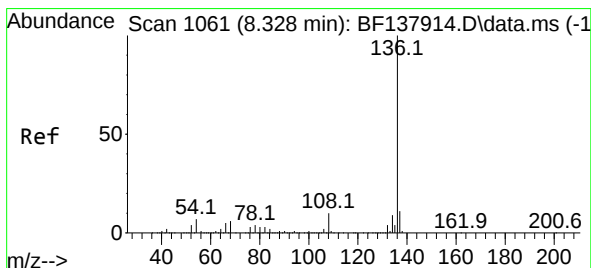
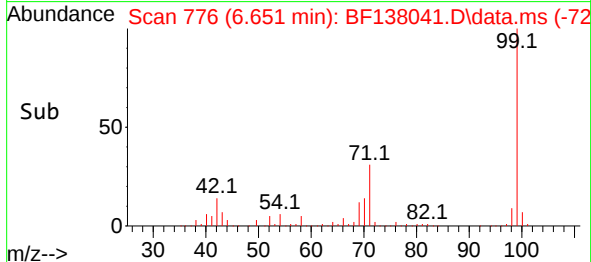
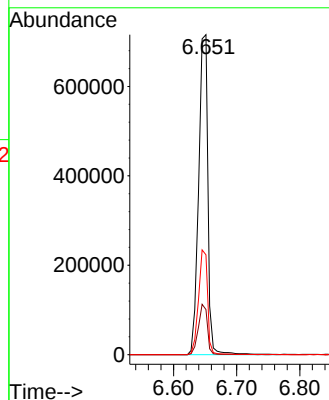
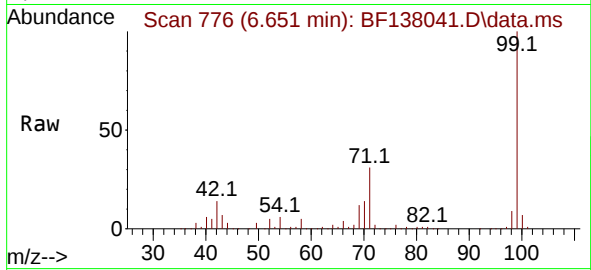
Tgt Ion: 99 Resp: 727211

Ion Ratio Lower Upper

99 100

42 14.1 12.6 18.8

71 31.2 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: BF138041.D

Acq: 28 May 2024 12:13

Tgt Ion: 136 Resp: 545351

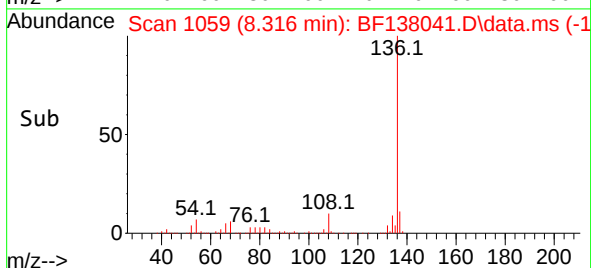
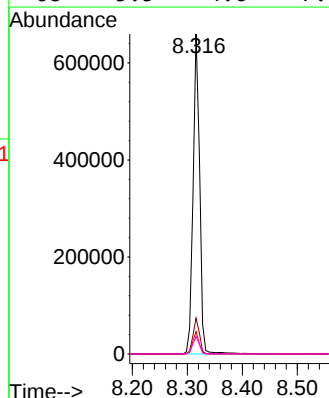
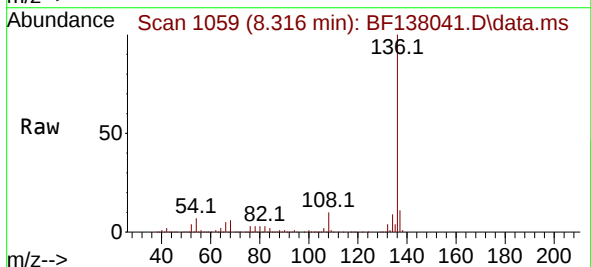
Ion Ratio Lower Upper

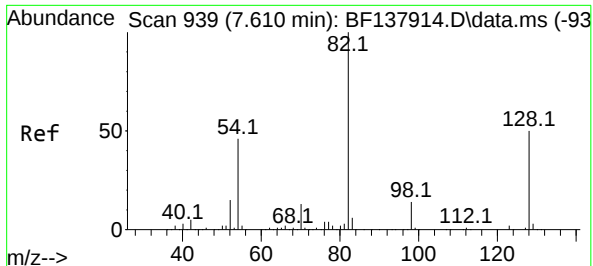
136 100

137 11.2 8.7 13.1

54 7.0 5.4 8.2

68 5.5 4.6 7.0





#23

Nitrobenzene-d5

Concen: 46.579 ng

RT: 7.592 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF138041.D

Acq: 28 May 2024 12:13

Instrument :

BNA_F

ClientSampleId :

RT1486

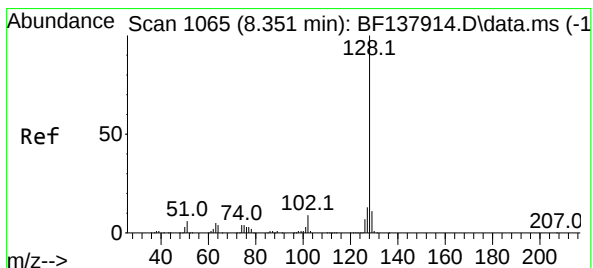
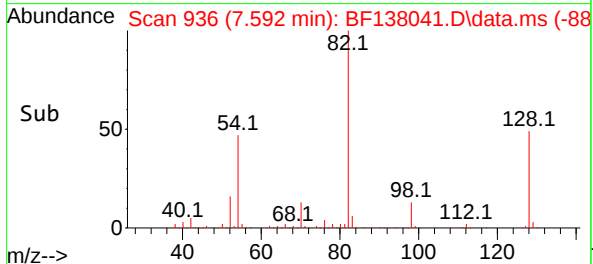
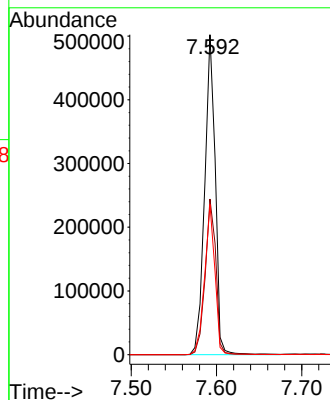
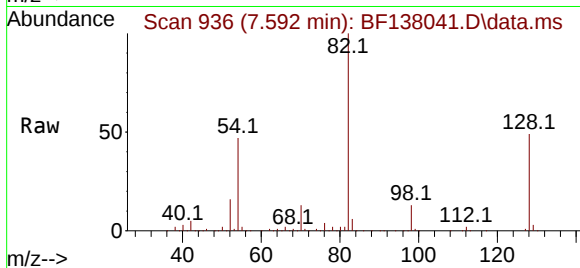
Tgt Ion: 82 Resp: 431637

Ion Ratio Lower Upper

82 100

128 48.7 40.3 60.5

54 47.0 36.8 55.2



#31

Naphthalene

Concen: 2.285 ng

RT: 8.339 min Scan# 1063

Delta R.T. -0.012 min

Lab File: BF138041.D

Acq: 28 May 2024 12:13

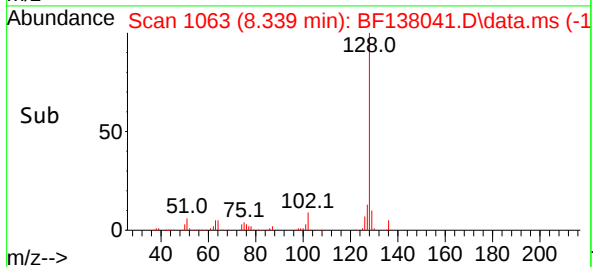
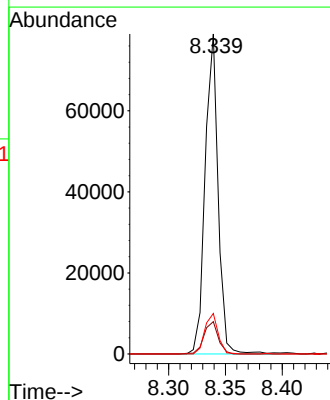
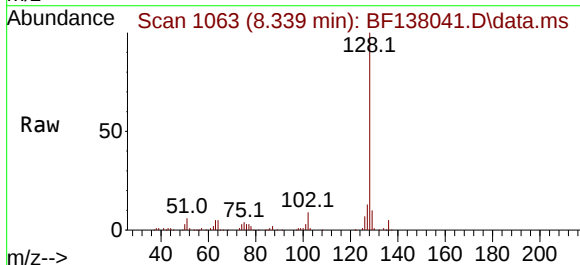
Tgt Ion: 128 Resp: 62643

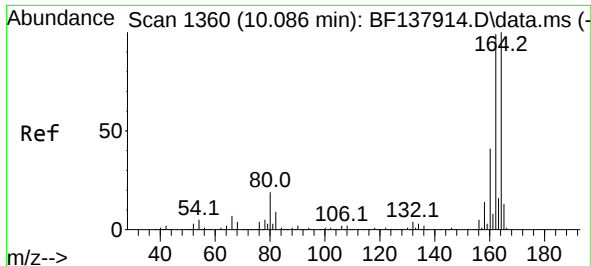
Ion Ratio Lower Upper

128 100

129 10.1 8.7 13.1

127 12.6 10.6 16.0

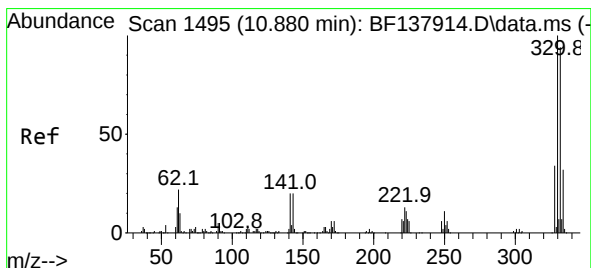
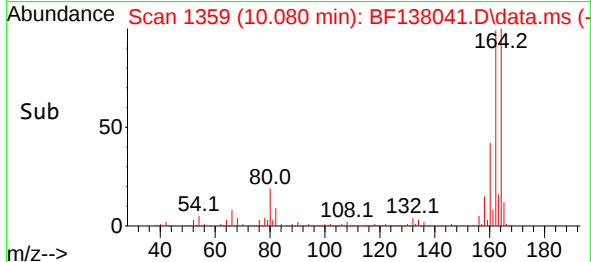
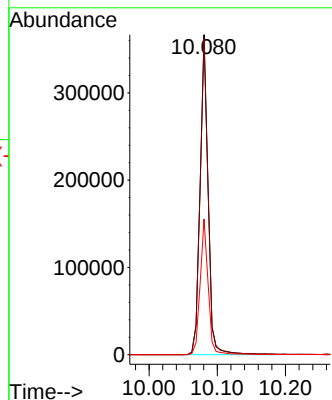
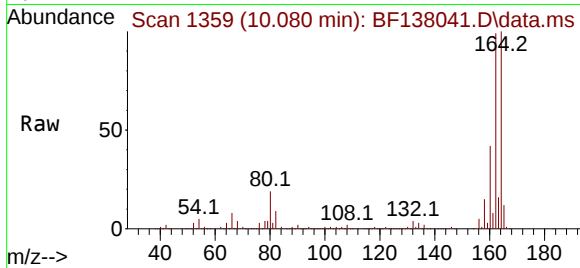




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

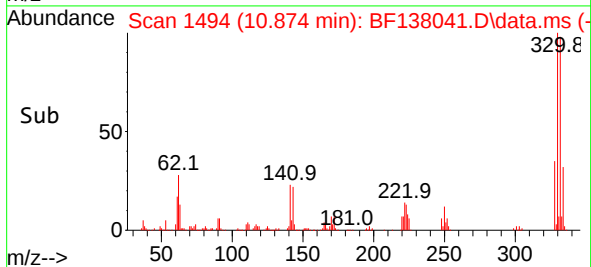
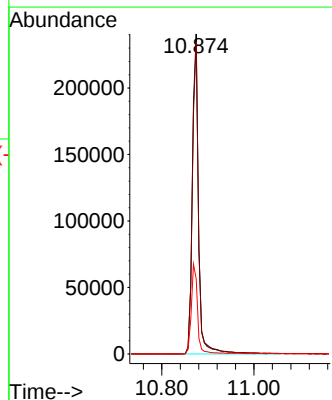
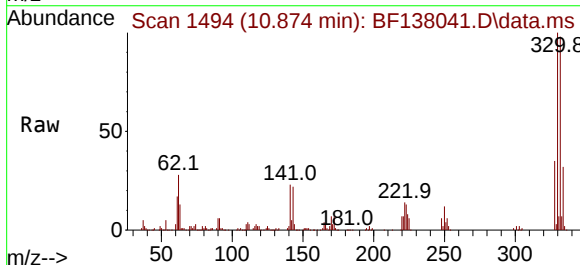
Instrument :
BNA_F
ClientSampleId :
RT1486

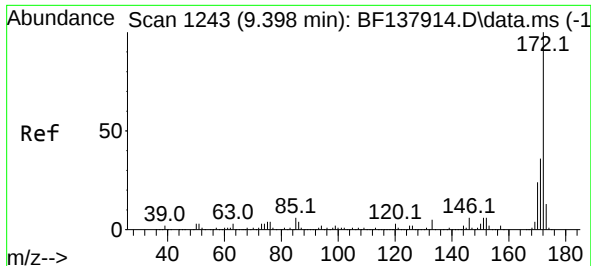
Tgt Ion:164 Resp: 301838
Ion Ratio Lower Upper
164 100
162 98.9 79.4 119.2
160 42.4 33.1 49.7



#42
2,4,6-Tribromophenol
Concen: 73.478 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

Tgt Ion:330 Resp: 223624
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.8
141 28.3 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 44.172 ng

RT: 9.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138041.D

Acq: 28 May 2024 12:13

Instrument :

BNA_F

ClientSampleId :

RT1486

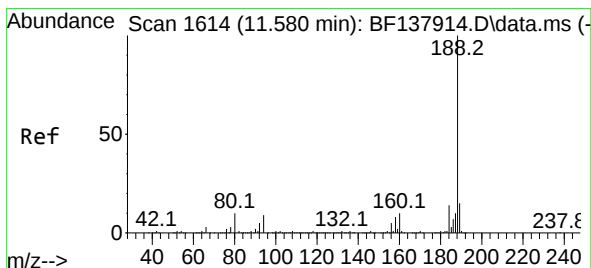
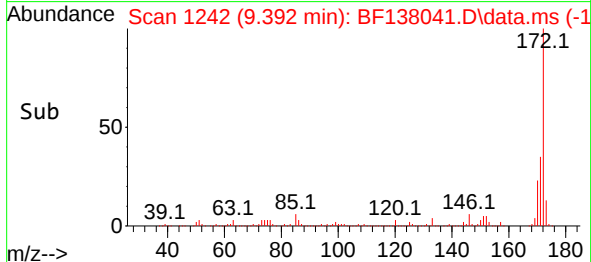
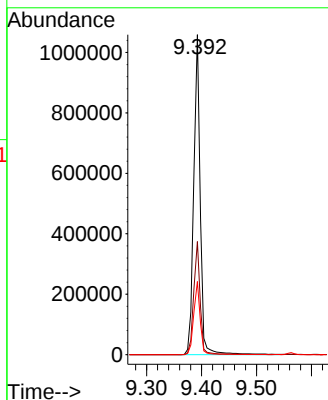
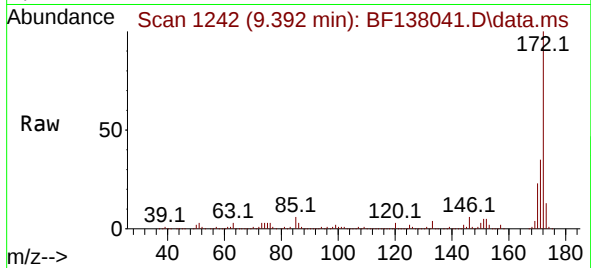
Tgt Ion:172 Resp: 865542

Ion Ratio Lower Upper

172 100

171 35.3 28.9 43.3

170 22.9 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1613

Delta R.T. -0.006 min

Lab File: BF138041.D

Acq: 28 May 2024 12:13

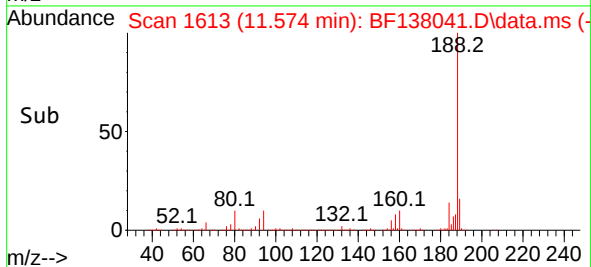
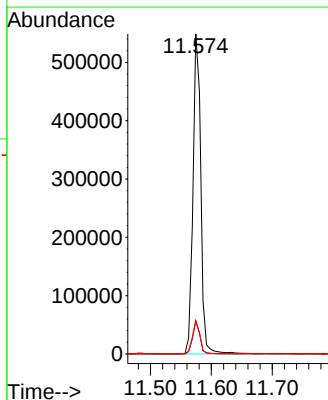
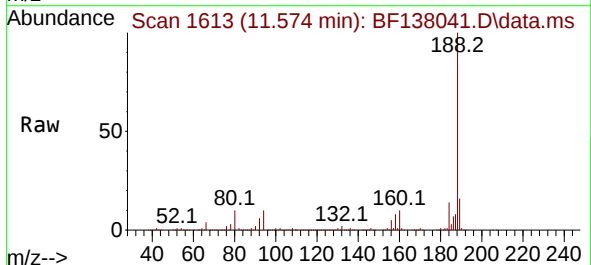
Tgt Ion:188 Resp: 489217

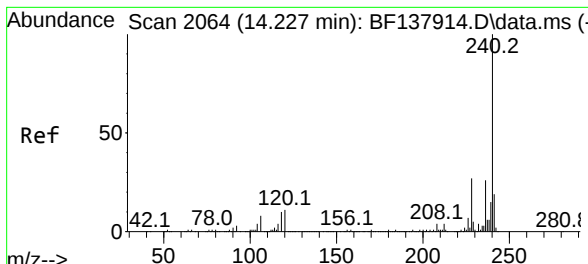
Ion Ratio Lower Upper

188 100

94 10.3 7.0 10.4

80 10.4 7.7 11.5

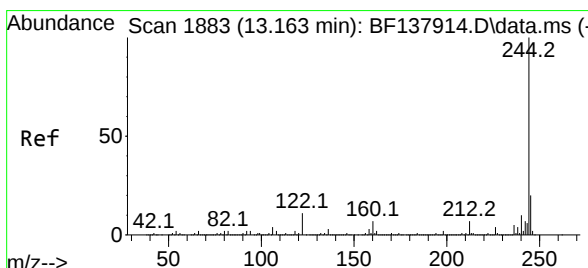
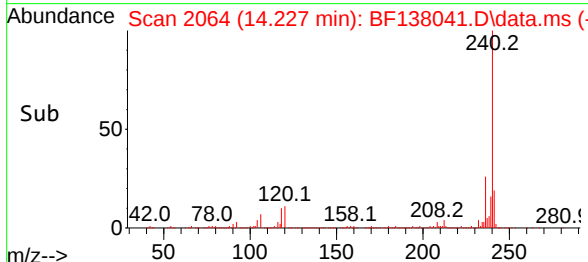
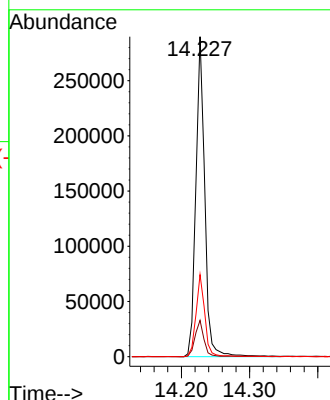
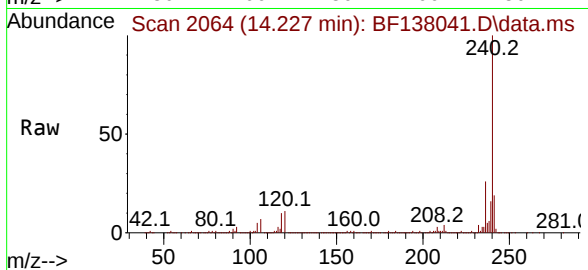




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

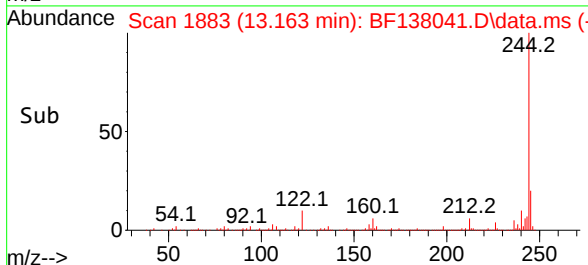
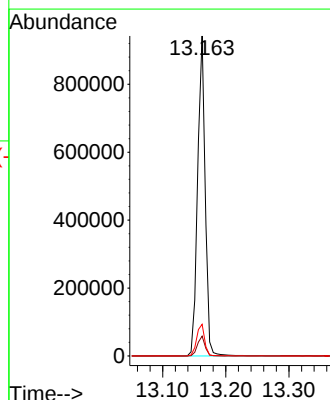
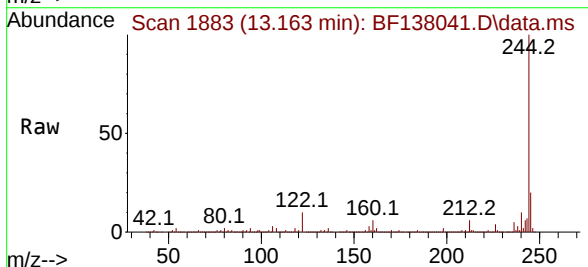
Instrument :
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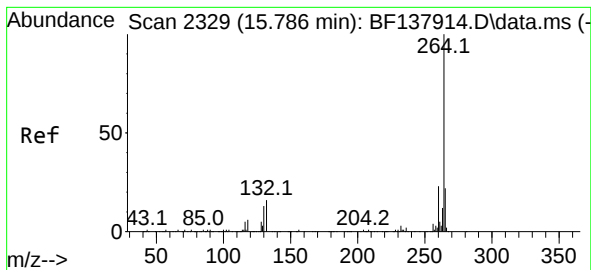
Tgt Ion:240 Resp: 262132
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.6 21.0 31.4



#79
Terphenyl-d14
Concen: 44.051 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

Tgt Ion:244 Resp: 783488
Ion Ratio Lower Upper
244 100
212 6.2 5.6 8.4
122 9.9 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: BF138041.D

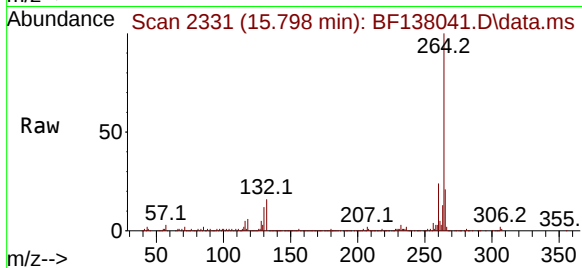
Acq: 28 May 2024 12:13

Instrument :

BNA_F

ClientSampleId :

RT1486



Tgt Ion:264 Resp: 263857

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 21.1 17.6 26.4

