

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
 Data File : BF138048.D
 Acq On : 28 May 2024 15:38
 Operator : CG\JU
 Sample : P2615-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035

Quant Time: May 28 15:58:42 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)

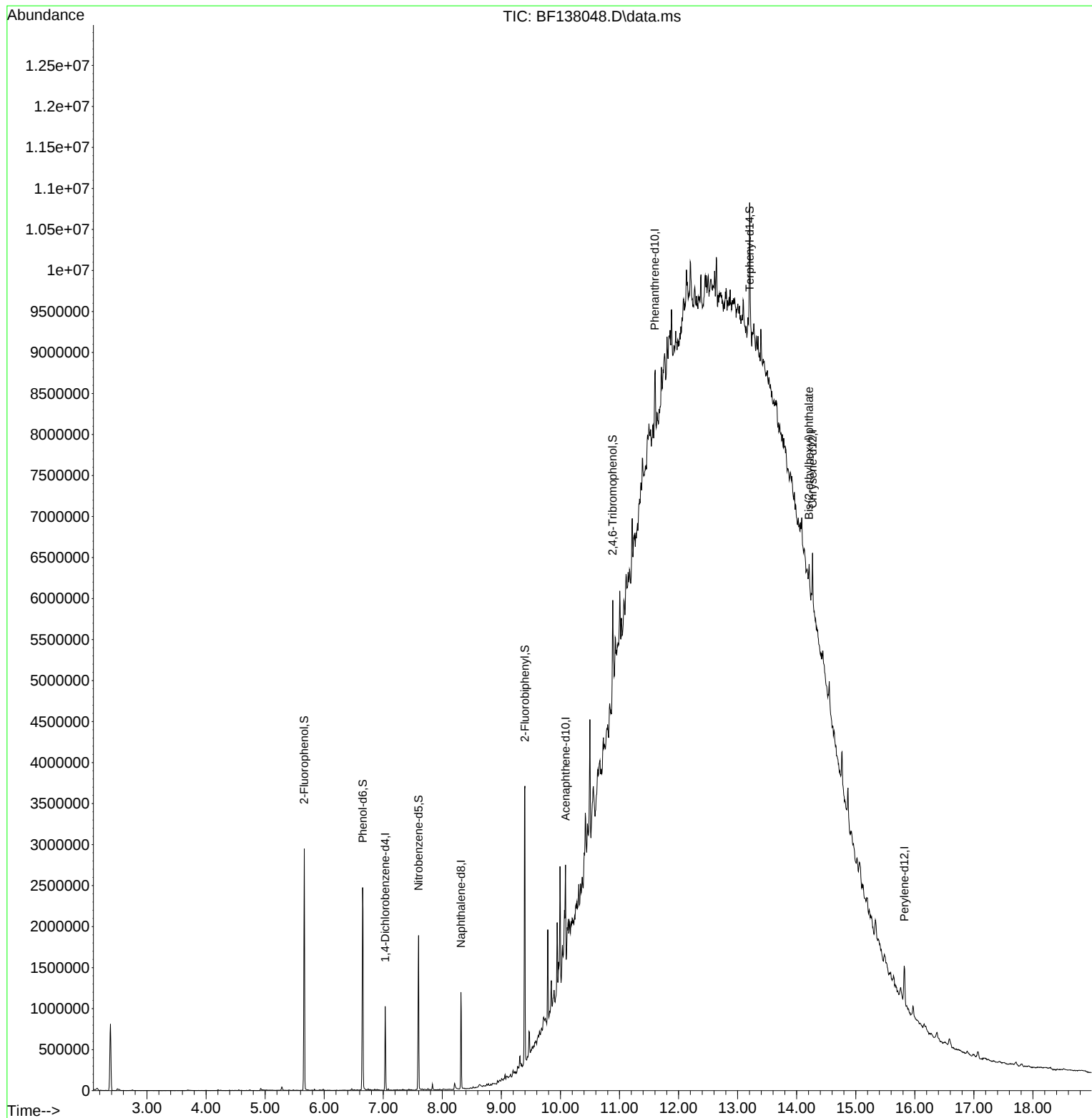
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	139835	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	502302	20.000	ng	-0.01
39) Acenaphthene-d10	10.086	164	223320	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	240789	20.000	ng	# 0.02
76) Chrysene-d12	14.268	240	244132	20.000	ng	# 0.04
86) Perylene-d12	15.821	264	211166	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	819035	99.492	ng	0.00
7) Phenol-d6	6.651	99	991730	97.797	ng	0.00
23) Nitrobenzene-d5	7.598	82	581406	68.118	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	202255	89.822	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1152798	79.516	ng	0.00
79) Terphenyl-d14	13.204	244	888345	53.628	ng	0.04
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.210	149	84140	10.393	ng	# 88

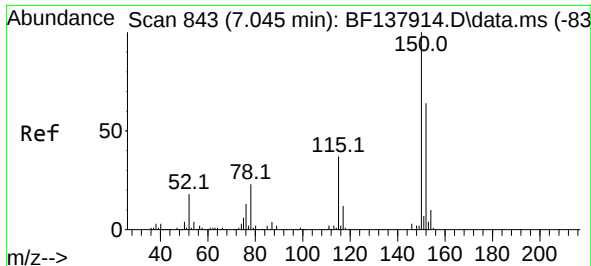
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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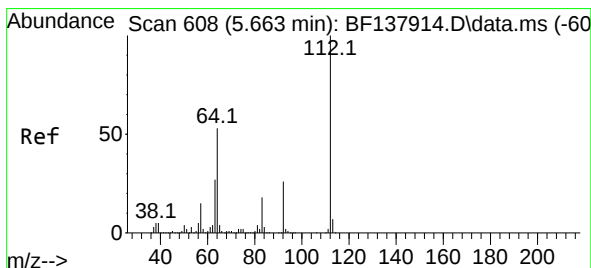
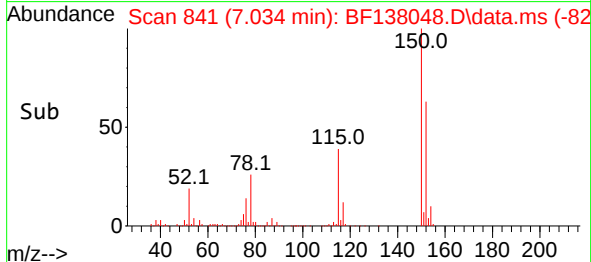
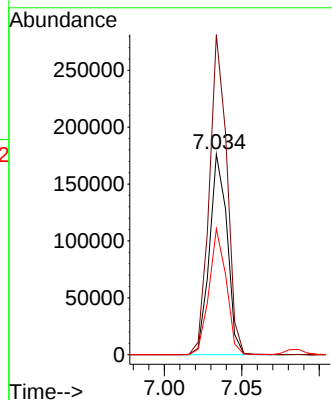
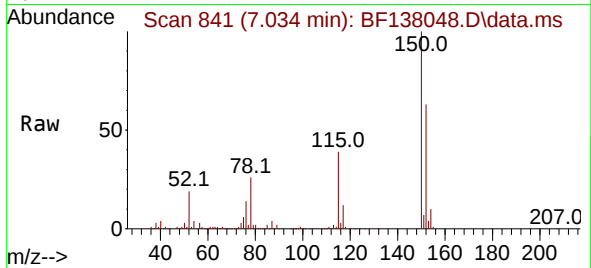




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 843
Delta R.T. -0.011 min
Lab File: BF138048.D
Acq: 28 May 2024 15:38

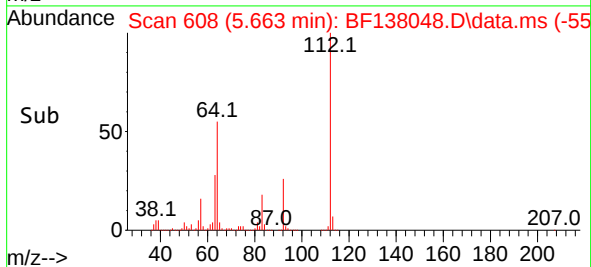
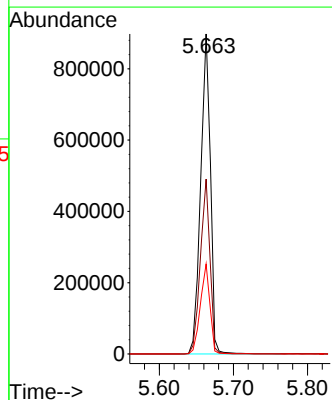
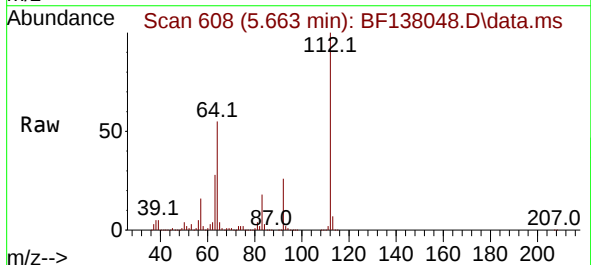
Instrument :
BNA_F
ClientSampleId :
RBR200035

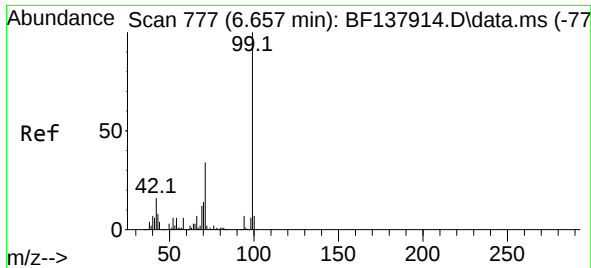
Tgt Ion:152 Resp: 139835
Ion Ratio Lower Upper
152 100
150 159.6 125.7 188.5
115 62.8 47.0 70.6



#5
2-Fluorophenol
Concen: 99.492 ng
RT: 5.663 min Scan# 608
Delta R.T. 0.000 min
Lab File: BF138048.D
Acq: 28 May 2024 15:38

Tgt Ion:112 Resp: 819035
Ion Ratio Lower Upper
112 100
64 54.6 42.4 63.6
63 28.1 21.4 32.2

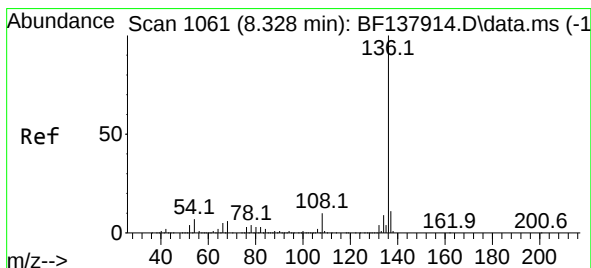
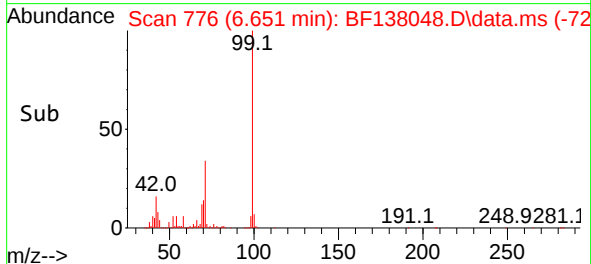
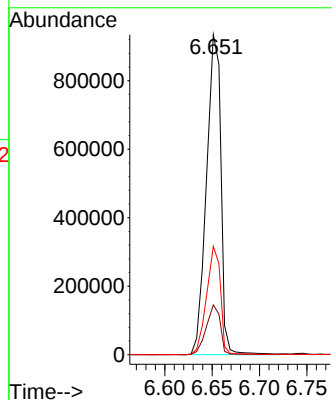
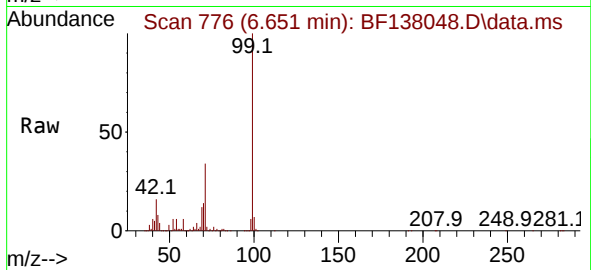




#7
Phenol-d6
Concen: 97.797 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138048.D
Acq: 28 May 2024 15:38

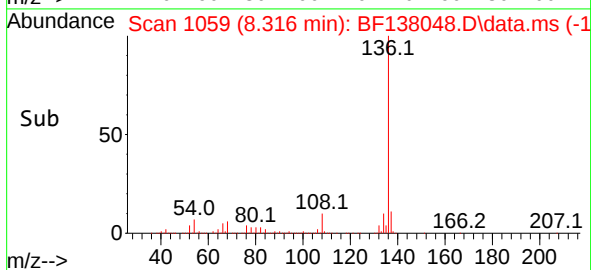
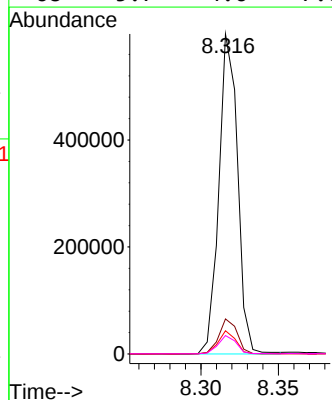
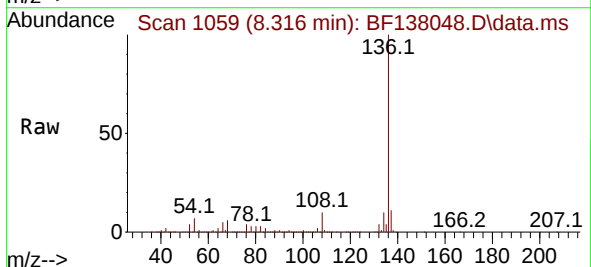
Instrument :
BNA_F
ClientSampleId :
RBR200035

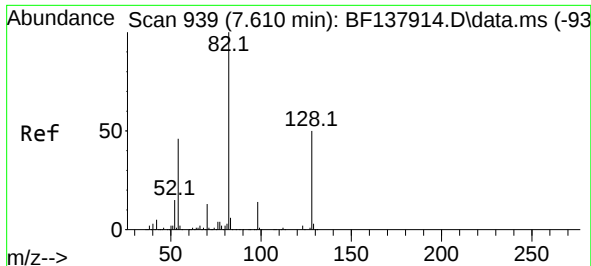
Tgt Ion: 99 Resp: 991730
Ion Ratio Lower Upper
99 100
42 15.6 12.6 18.8
71 33.9 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138048.D
Acq: 28 May 2024 15:38

Tgt Ion: 136 Resp: 502302
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.3 5.4 8.2
68 5.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 68.118 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138048.D

Acq: 28 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

RBR200035

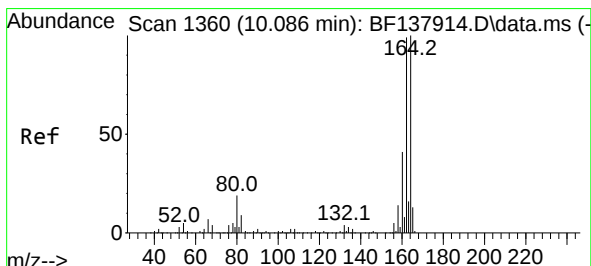
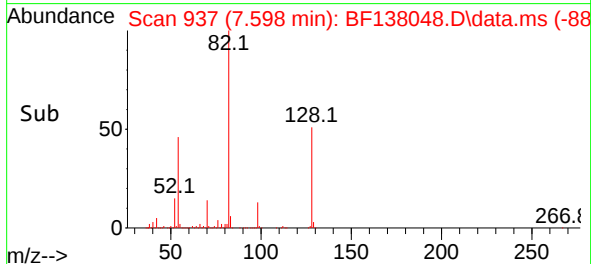
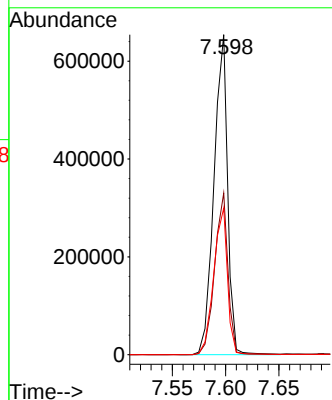
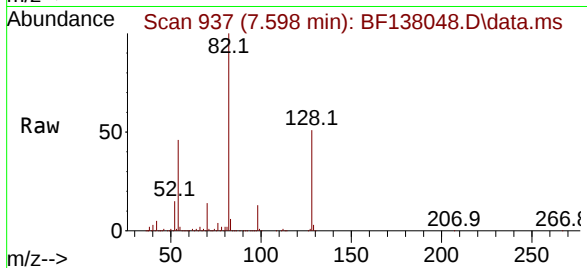
Tgt Ion: 82 Resp: 581406

Ion Ratio Lower Upper

82 100

128 50.5 40.3 60.5

54 45.8 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: BF138048.D

Acq: 28 May 2024 15:38

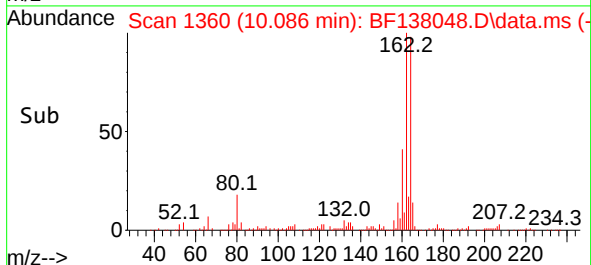
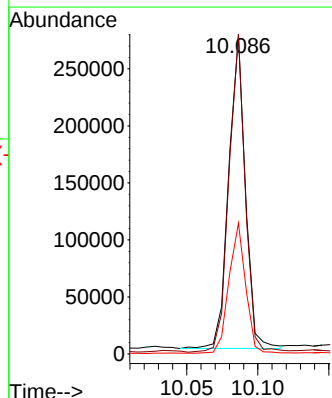
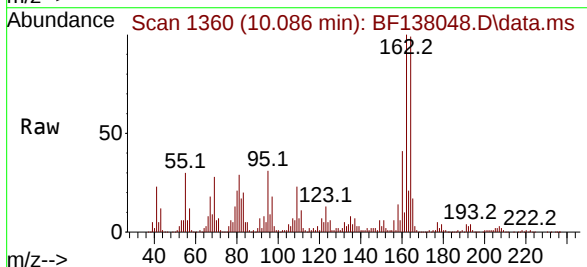
Tgt Ion:164 Resp: 223320

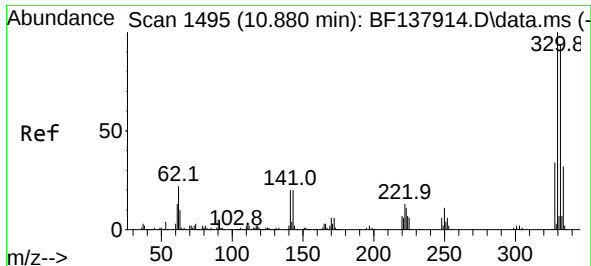
Ion Ratio Lower Upper

164 100

162 100.6 79.4 119.2

160 41.2 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 89.822 ng

RT: 10.886 min Scan# 1495

Delta R.T. 0.006 min

Lab File: BF138048.D

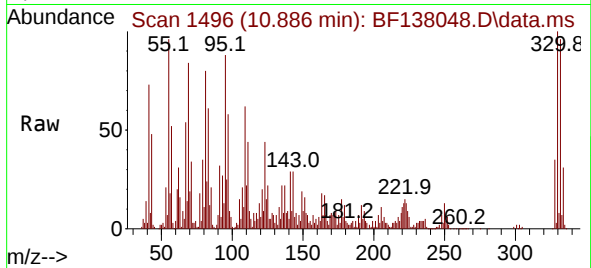
Acq: 28 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

RBR200035



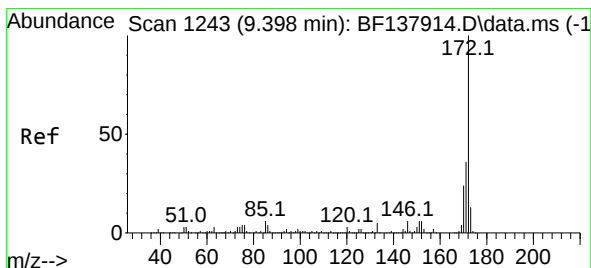
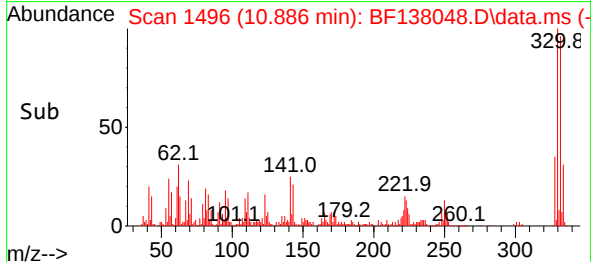
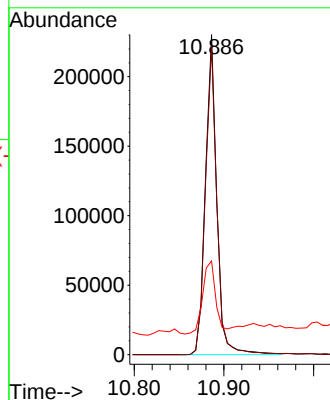
Tgt Ion:330 Resp: 202255

Ion Ratio Lower Upper

330 100

332 97.8 75.8 113.8

141 26.3 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 79.516 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF138048.D

Acq: 28 May 2024 15:38

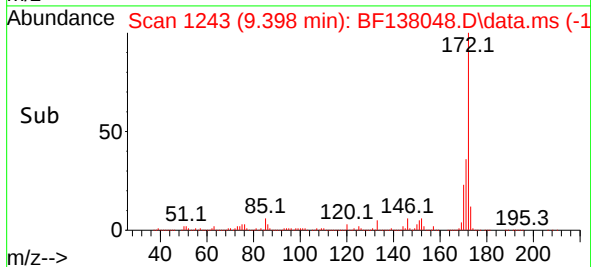
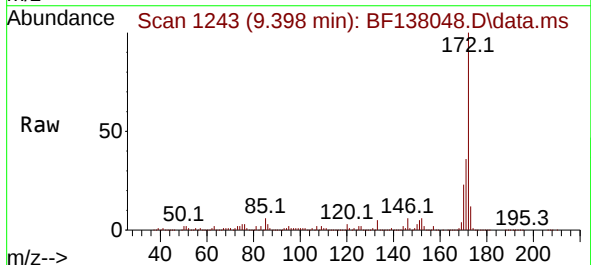
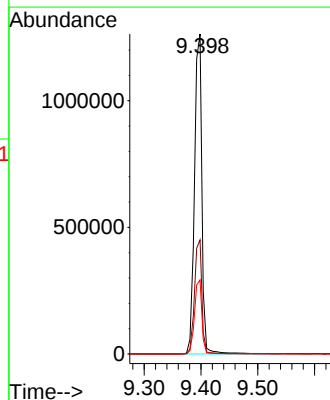
Tgt Ion:172 Resp: 1152798

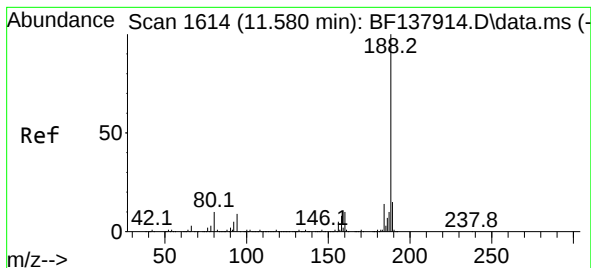
Ion Ratio Lower Upper

172 100

171 35.6 28.9 43.3

170 23.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF138048.D

Acq: 28 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

RBR200035

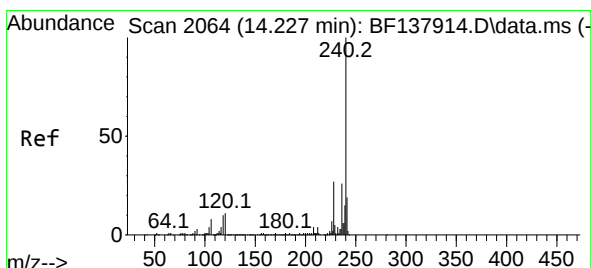
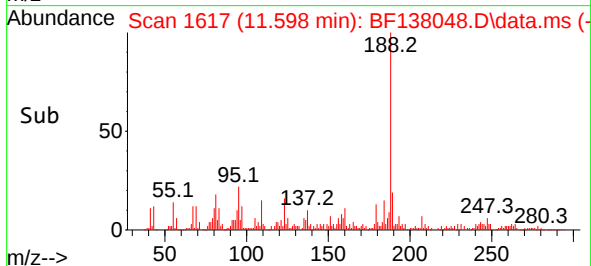
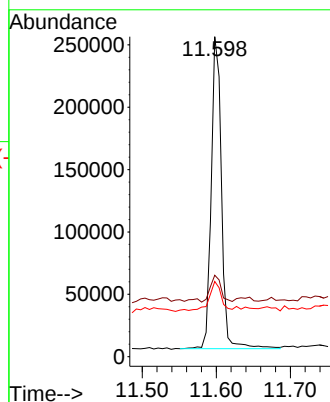
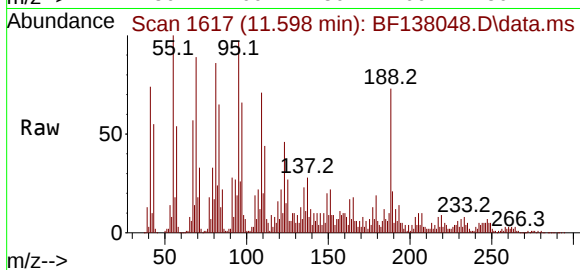
Tgt Ion:188 Resp: 240789

Ion Ratio Lower Upper

188 100

94 25.5 7.0 10.4#

80 23.5 7.7 11.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.268 min Scan# 2071

Delta R.T. 0.041 min

Lab File: BF138048.D

Acq: 28 May 2024 15:38

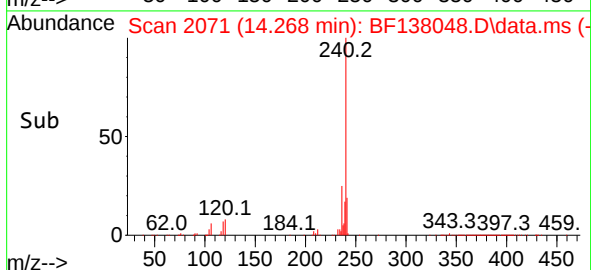
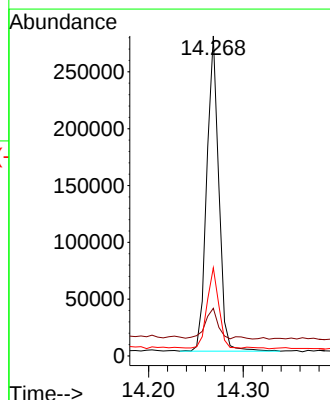
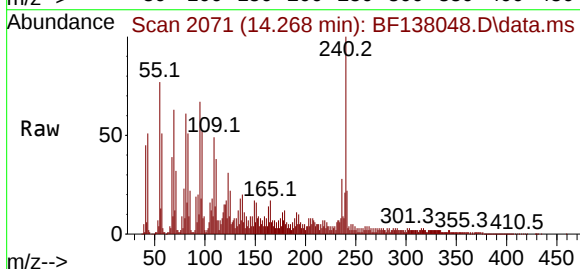
Tgt Ion:240 Resp: 244132

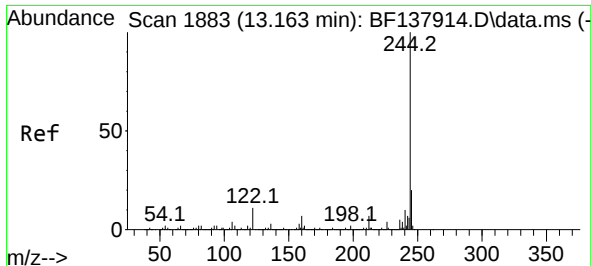
Ion Ratio Lower Upper

240 100

120 14.9 8.9 13.3#

236 27.6 21.0 31.4

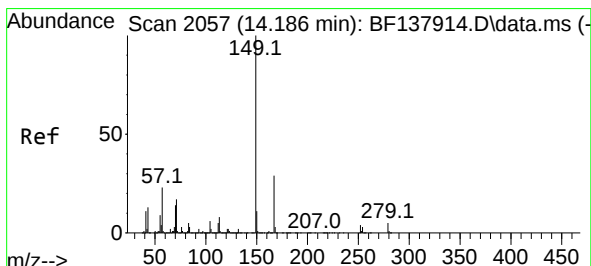
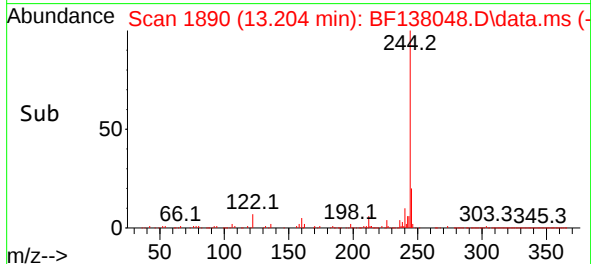
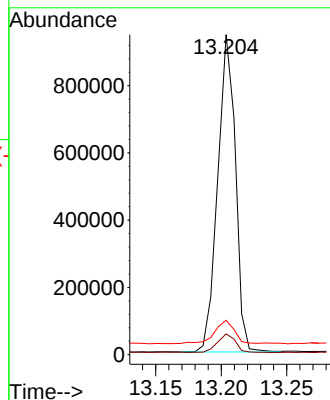
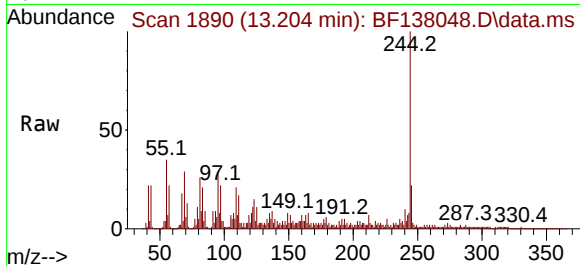




#79
 Terphenyl-d14
 Concen: 53.628 ng
 RT: 13.204 min Scan# 1883
 Delta R.T. 0.041 min
 Lab File: BF138048.D
 Acq: 28 May 2024 15:38

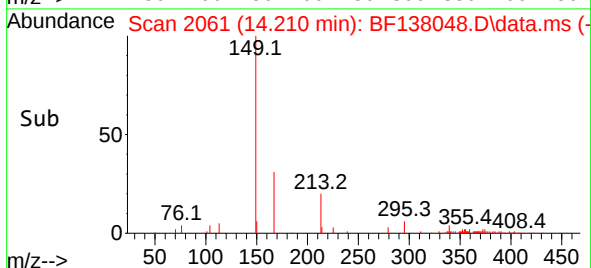
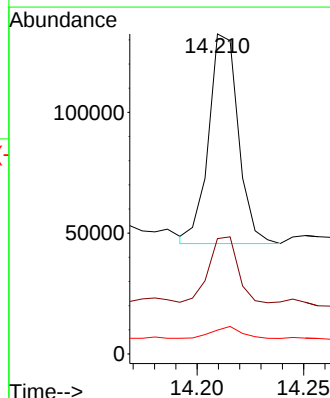
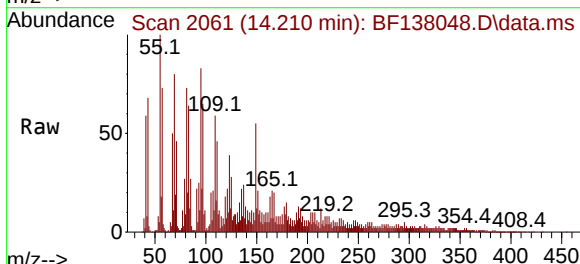
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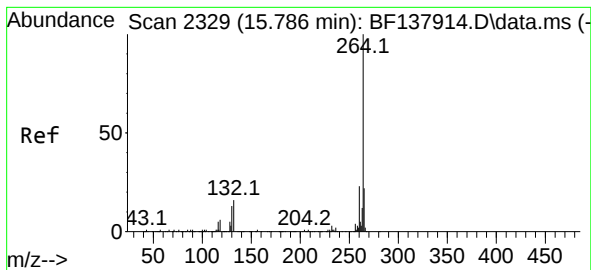
Tgt Ion:244 Resp: 888345
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 10.8 8.8 13.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.393 ng
 RT: 14.210 min Scan# 2061
 Delta R.T. 0.024 min
 Lab File: BF138048.D
 Acq: 28 May 2024 15:38

Tgt Ion:149 Resp: 84140
 Ion Ratio Lower Upper
 149 100
 167 36.1 23.2 34.8#
 279 7.5 4.1 6.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.821 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF138048.D
Acq: 28 May 2024 15:38

Instrument :
BNA_F
ClientSampleId :
RBR200035

Tgt Ion:264 Resp: 211166
Ion Ratio Lower Upper
264 100
260 23.4 18.3 27.5
265 21.9 17.6 26.4

