

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051524\
 Data File : BF137922.D
 Acq On : 15 May 2024 10:57
 Operator : CG\JU
 Sample : PB160863TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160863TB

Quant Time: May 15 11:40:57 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	7.039	152	140134	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	544312	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	306967	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	539909	20.000	ng	0.00
76) Chrysene-d12	14.221	240	350829	20.000	ng	0.00
86) Perylene-d12	15.786	264	275106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1093370	132.534	ng	0.01
7) Phenol-d6	6.657	99	1303902	128.307	ng	0.00
23) Nitrobenzene-d5	7.604	82	805880	87.131	ng	0.00
42) 2,4,6-Tribromophenol	10.874	330	436088	140.894	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1712446	85.932	ng	0.00
79) Terphenyl-d14	13.168	244	2045493	85.929	ng	0.00

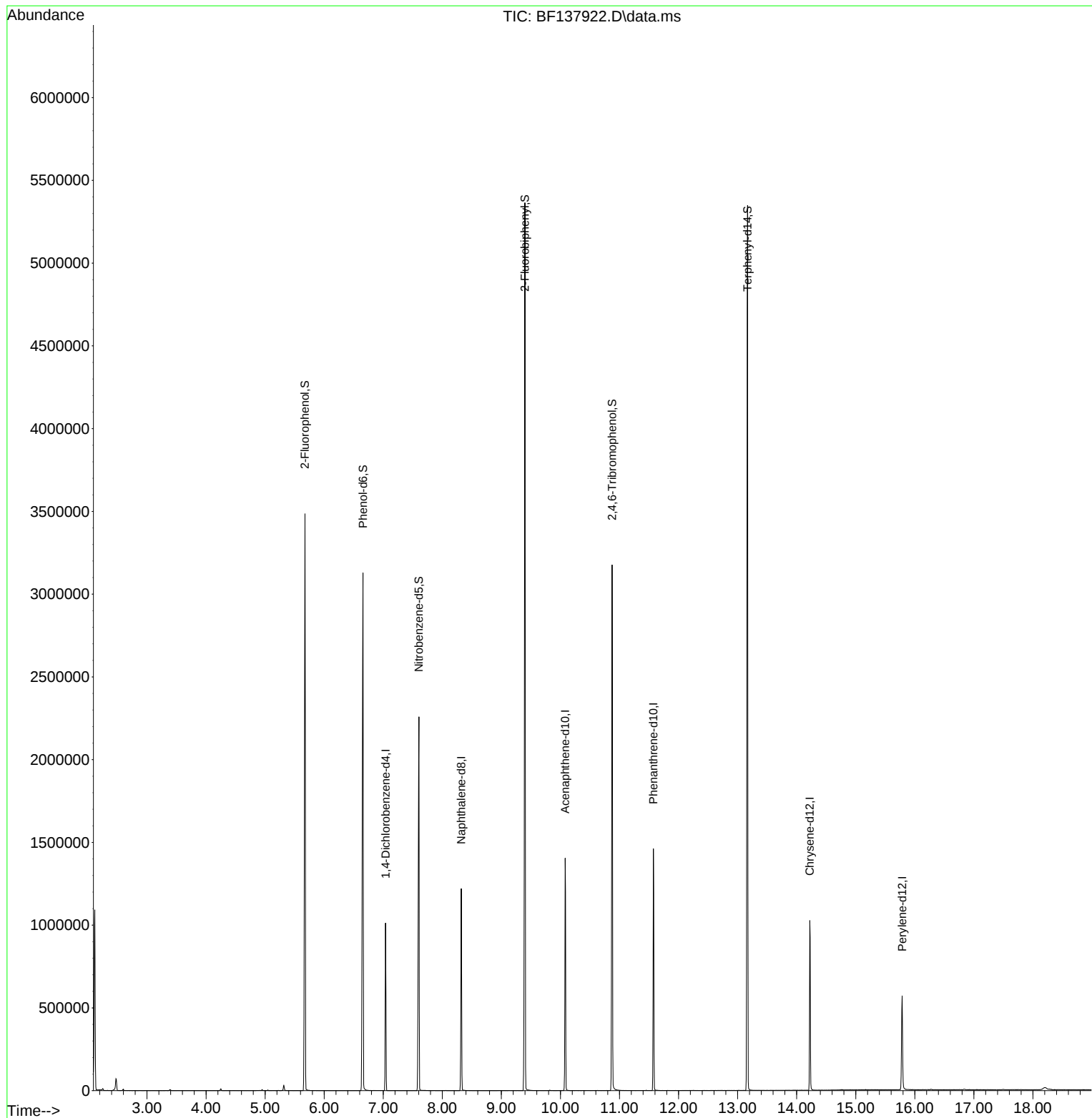
Target Compounds	Qvalue

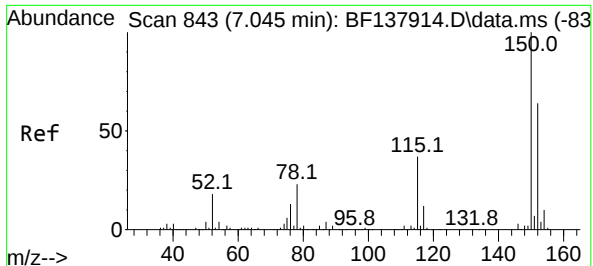
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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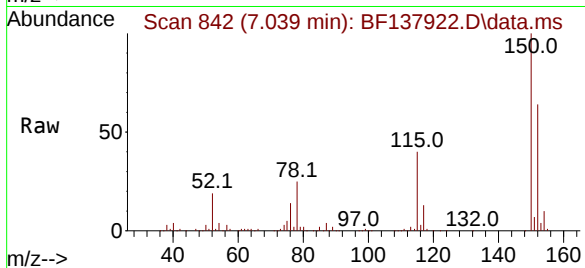
Quant Time: May 15 11:40:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
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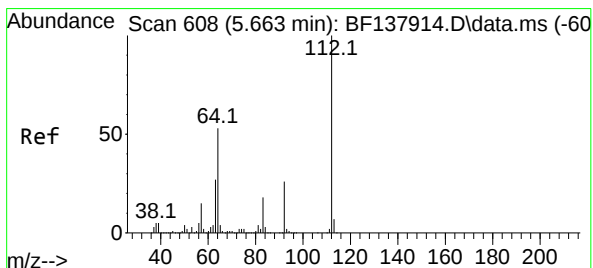
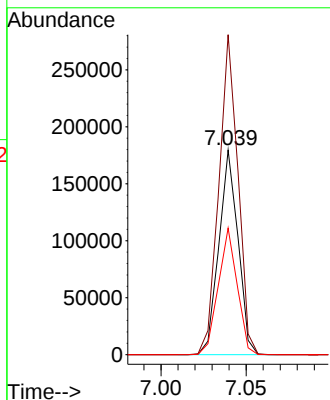
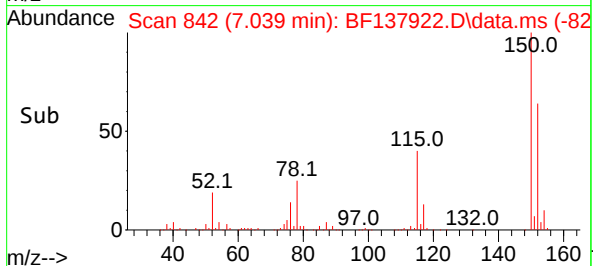


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137922.D
Acq: 15 May 2024 10:57

Instrument :
BNA_F
ClientSampleId :
PB160863TB

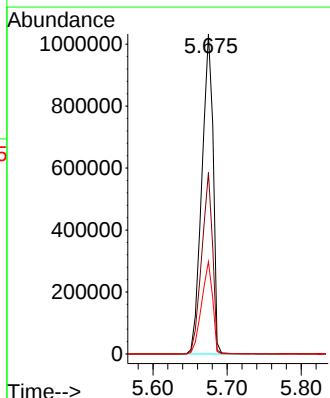
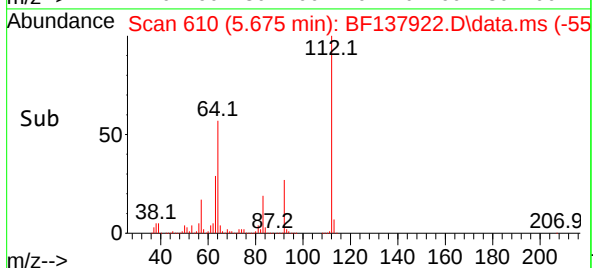
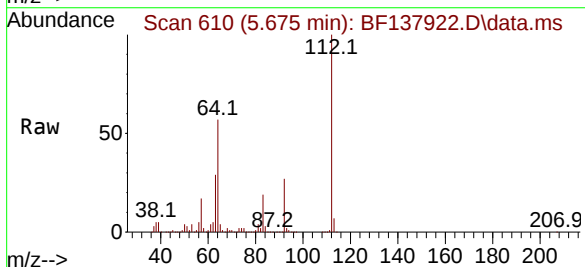


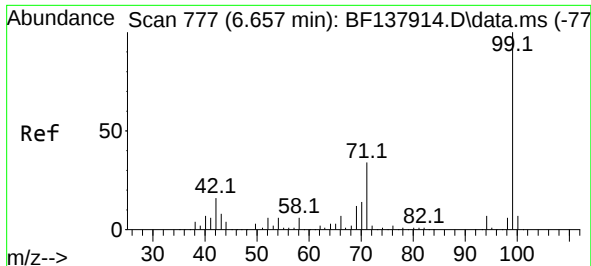
Tgt Ion:152 Resp: 140134
Ion Ratio Lower Upper
152 100
150 156.4 125.7 188.5
115 61.9 47.0 70.6



#5
2-Fluorophenol
Concen: 132.534 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137922.D
Acq: 15 May 2024 10:57

Tgt Ion:112 Resp: 1093370
Ion Ratio Lower Upper
112 100
64 56.7 42.4 63.6
63 28.8 21.4 32.2



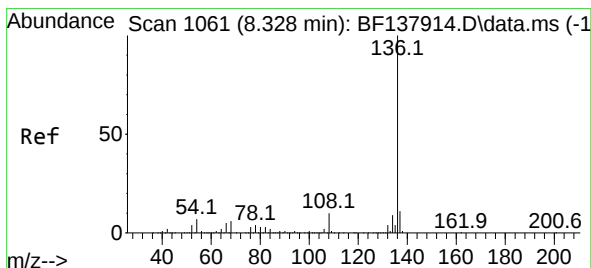
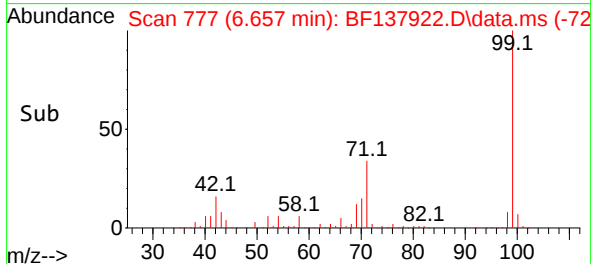
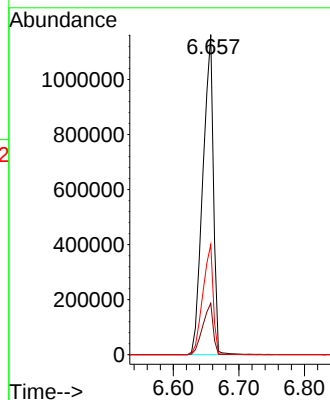
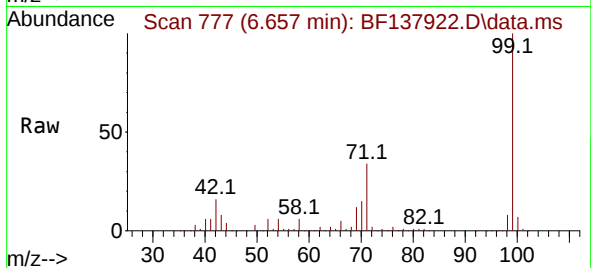


#7
Phenol-d6
Concen: 128.307 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137922.D
Acq: 15 May 2024 10:57

Instrument :
BNA_F
ClientSampleId :
PB160863TB

Tgt Ion: 99 Resp: 1303902

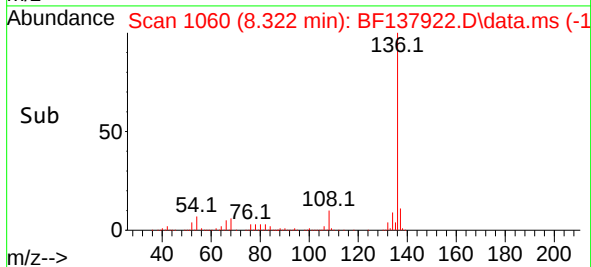
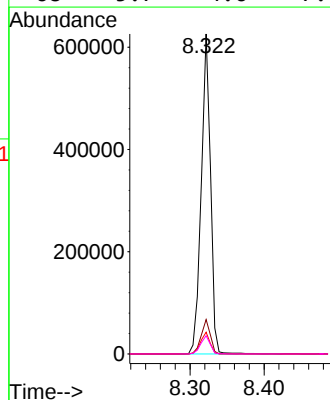
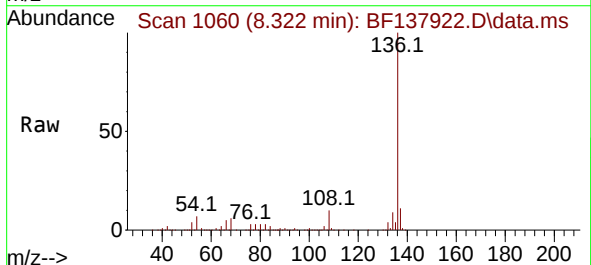
Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.6	18.8
71	34.4	27.1	40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137922.D
Acq: 15 May 2024 10:57

Tgt Ion: 136 Resp: 544312

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.8	5.4	8.2
68	5.7	4.6	7.0





#23

Nitrobenzene-d5

Concen: 87.131 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137922.D

Acq: 15 May 2024 10:57

Instrument :

BNA_F

ClientSampleId :

PB160863TB

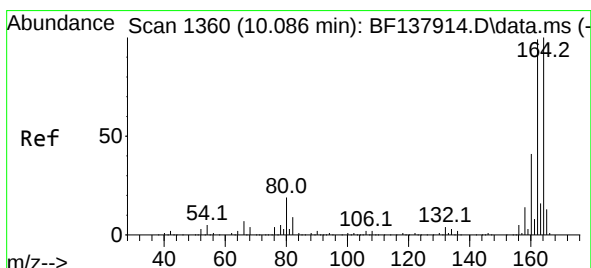
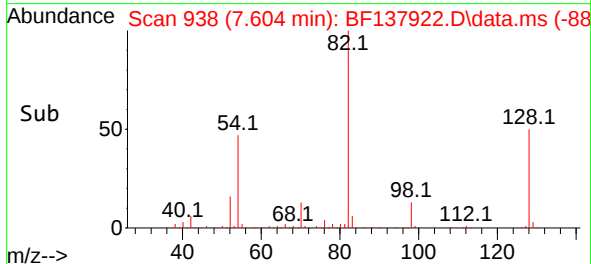
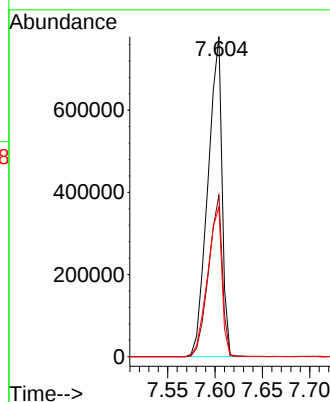
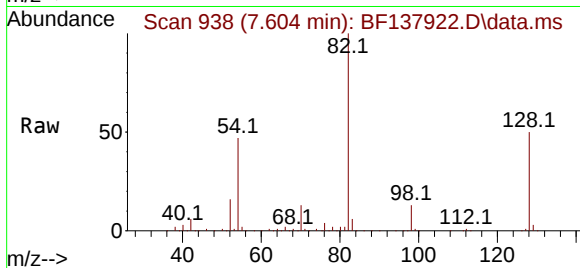
Tgt Ion: 82 Resp: 805880

Ion Ratio Lower Upper

82 100

128 50.4 40.3 60.5

54 46.7 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF137922.D

Acq: 15 May 2024 10:57

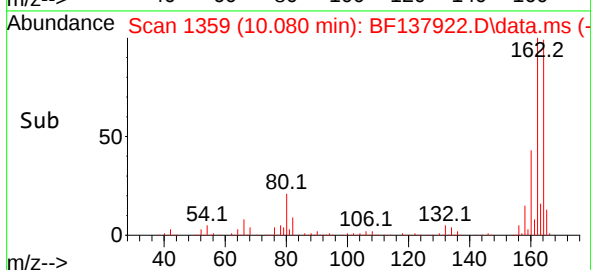
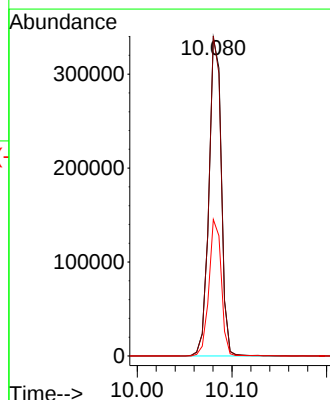
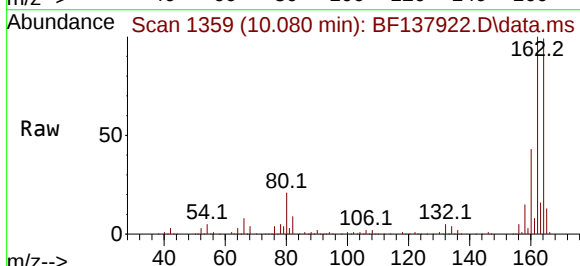
Tgt Ion:164 Resp: 306967

Ion Ratio Lower Upper

164 100

162 100.5 79.4 119.2

160 42.9 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 140.894 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137922.D

Acq: 15 May 2024 10:57

Instrument :

BNA_F

ClientSampleId :

PB160863TB

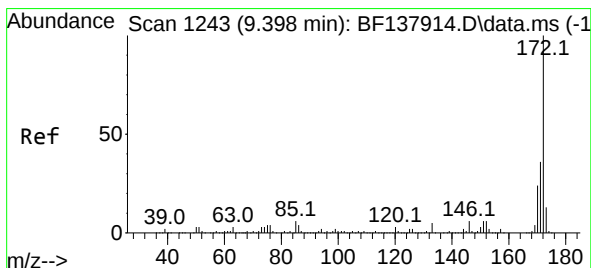
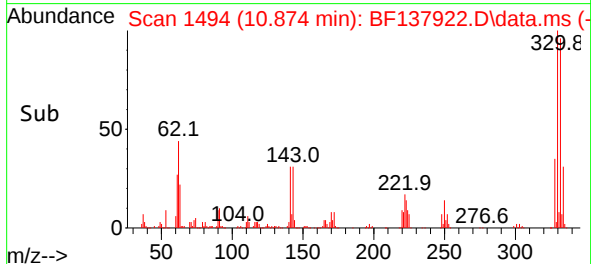
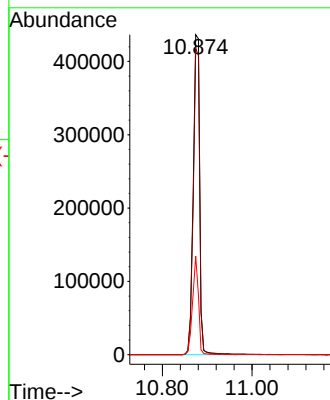
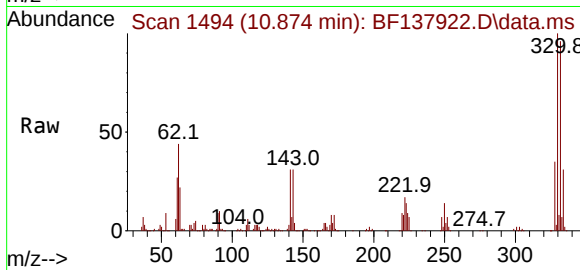
Tgt Ion:330 Resp: 436088

Ion Ratio Lower Upper

330 100

332 94.4 75.8 113.8

141 28.0 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 85.932 ng

RT: 9.398 min Scan# 1243

Delta R.T. -0.000 min

Lab File: BF137922.D

Acq: 15 May 2024 10:57

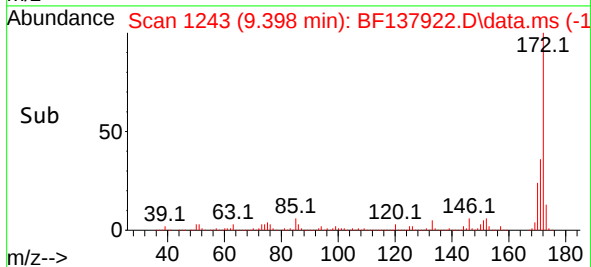
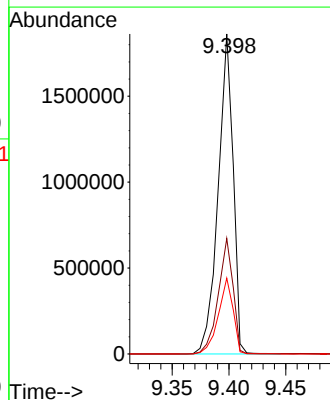
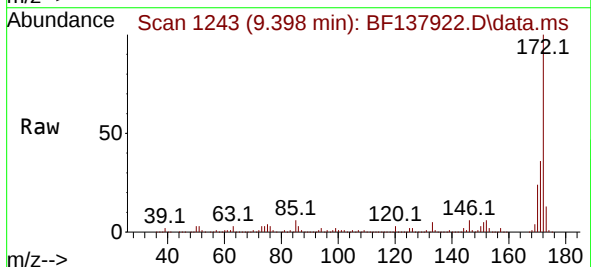
Tgt Ion:172 Resp: 1712446

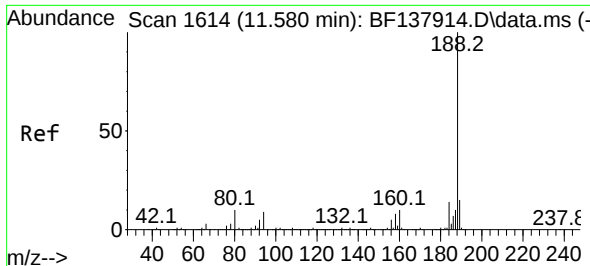
Ion Ratio Lower Upper

172 100

171 36.1 28.9 43.3

170 23.7 18.9 28.3

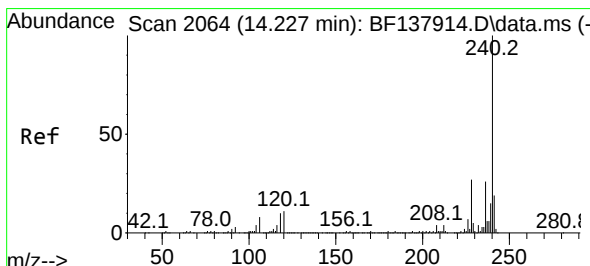
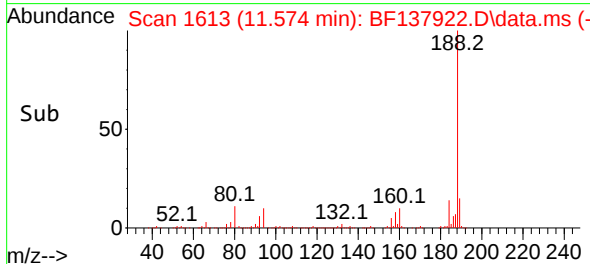
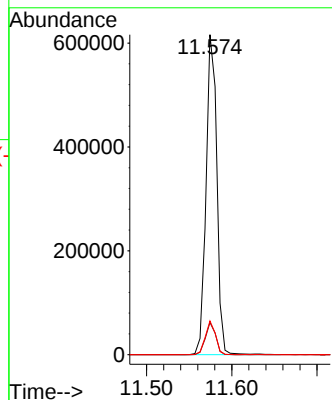
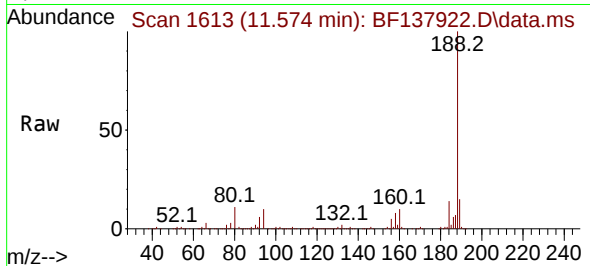




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137922.D
Acq: 15 May 2024 10:57

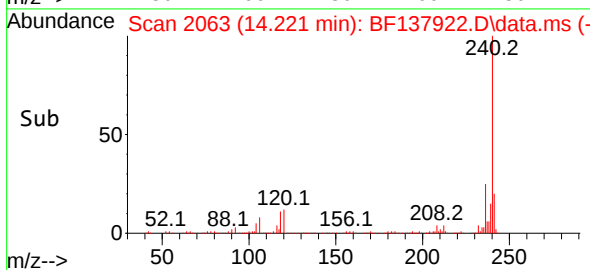
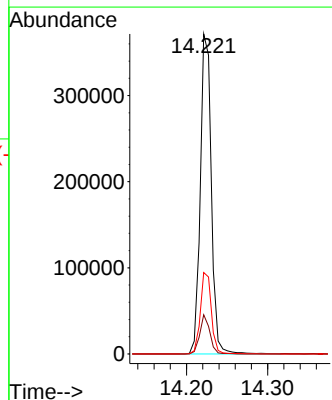
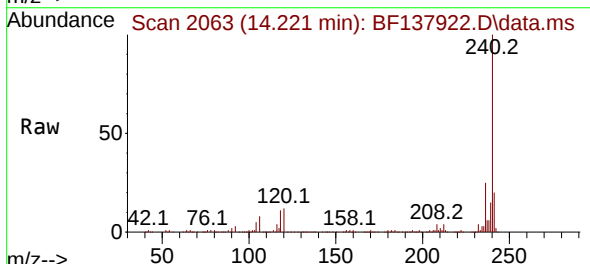
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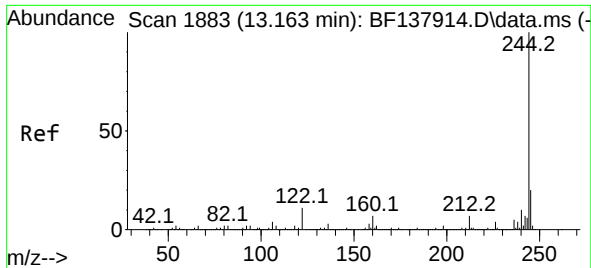
Tgt Ion:188 Resp: 539909
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.4
80 10.6 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137922.D
Acq: 15 May 2024 10:57

Tgt Ion:240 Resp: 350829
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 25.5 21.0 31.4

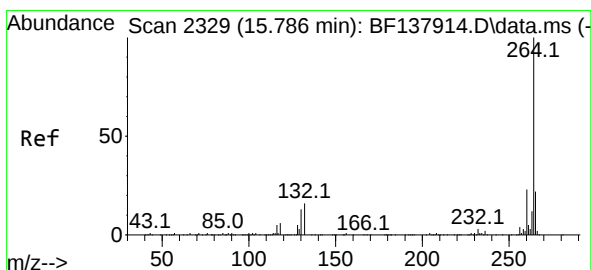
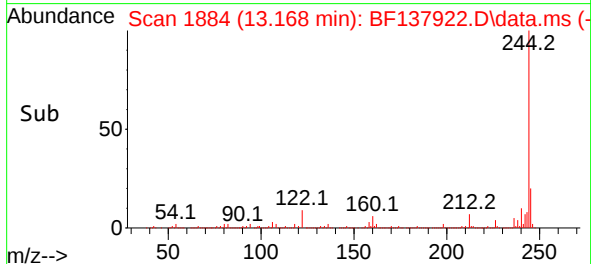
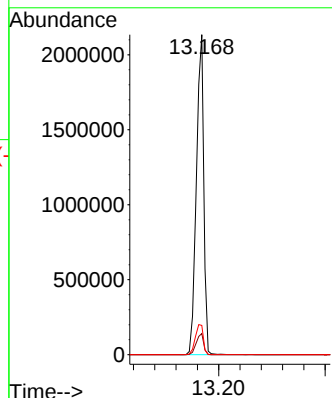
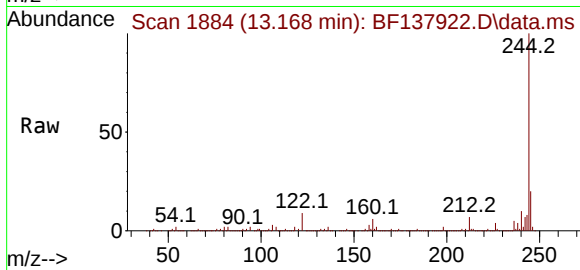




#79
 Terphenyl-d14
 Concen: 85.929 ng
 RT: 13.168 min Scan# 1883
 Delta R.T. 0.006 min
 Lab File: BF137922.D
 Acq: 15 May 2024 10:57

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2045493
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 9.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.786 min Scan# 2329
 Delta R.T. -0.000 min
 Lab File: BF137922.D
 Acq: 15 May 2024 10:57

Tgt Ion:264 Resp: 275106
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 21.1 17.6 26.4

