

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137951.D
Acq On : 20 May 2024 10:25
Operator : CG\JU
Sample : PB160935TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB160935TB

Quant Time: May 20 11:31:39 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	131362	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	510166	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	282169	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	472054	20.000	ng	0.00
76) Chrysene-d12	14.221	240	250355	20.000	ng	0.00
86) Perylene-d12	15.786	264	245252	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1079539	139.595	ng	0.01
7) Phenol-d6	6.657	99	1294703	135.909	ng	0.00
23) Nitrobenzene-d5	7.604	82	796209	91.847	ng	0.00
42) 2,4,6-Tribromophenol	10.874	330	396698	139.432	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1709983	93.350	ng	0.00
79) Terphenyl-d14	13.163	244	1662579	97.873	ng	0.00

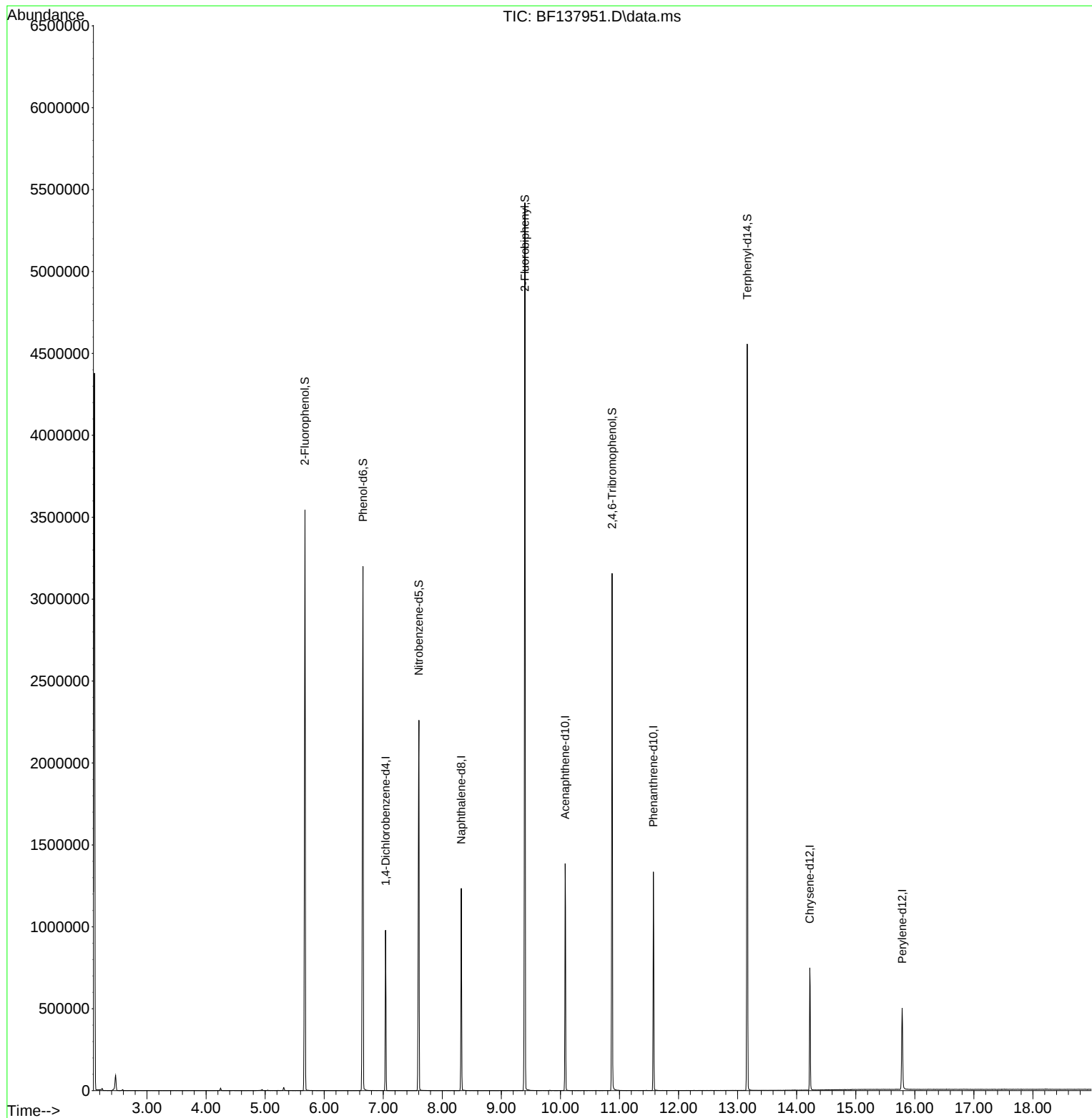
Target Compounds	Qvalue

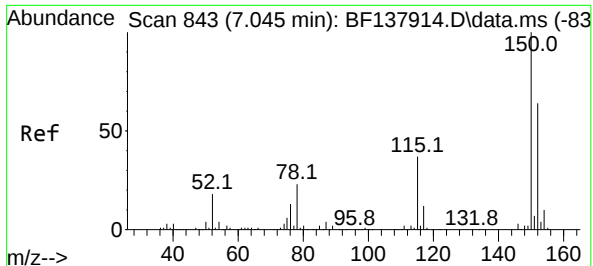
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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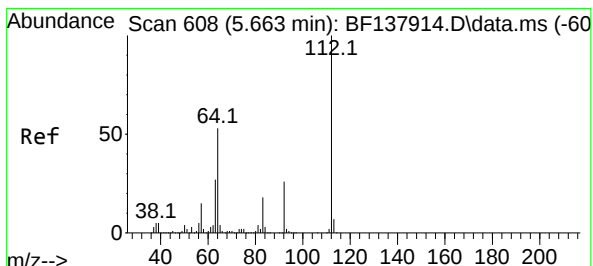
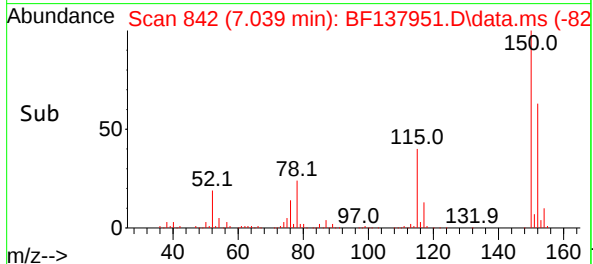
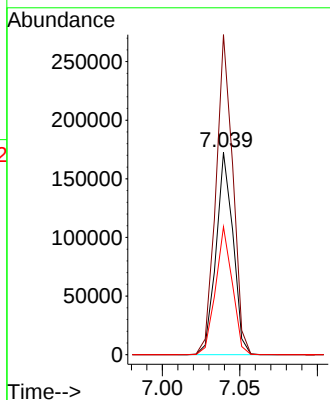
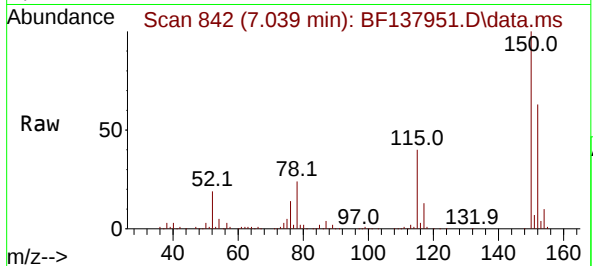




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137951.D
Acq: 20 May 2024 10:25

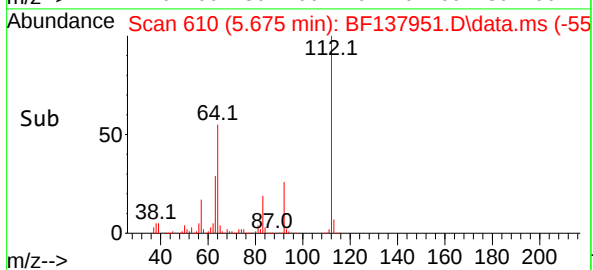
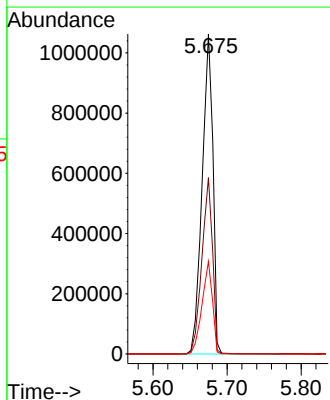
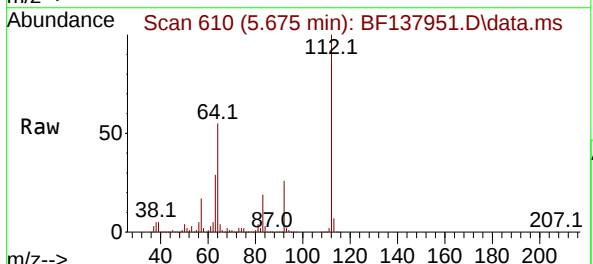
Instrument :
BNA_F
ClientSampleId :
PB160935TB

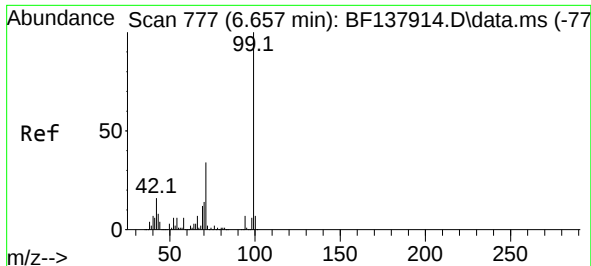
Tgt Ion:152 Resp: 131362
Ion Ratio Lower Upper
152 100
150 158.2 125.7 188.5
115 63.2 47.0 70.6



#5
2-Fluorophenol
Concen: 139.595 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137951.D
Acq: 20 May 2024 10:25

Tgt Ion:112 Resp: 1079539
Ion Ratio Lower Upper
112 100
64 55.1 42.4 63.6
63 28.9 21.4 32.2



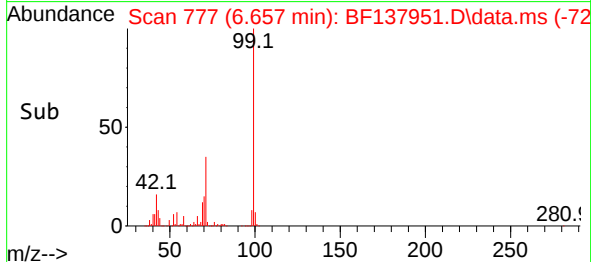
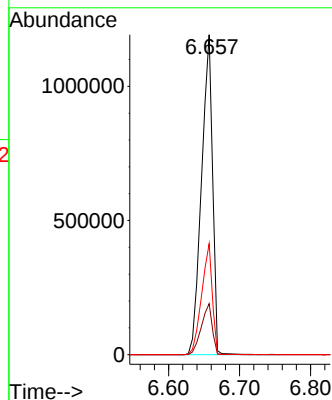
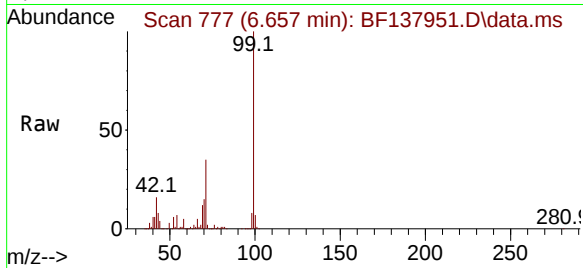


#7
Phenol-d6
Concen: 135.909 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137951.D
Acq: 20 May 2024 10:25

Instrument :
BNA_F
ClientSampleId :
PB160935TB

Tgt Ion: 99 Resp: 1294703

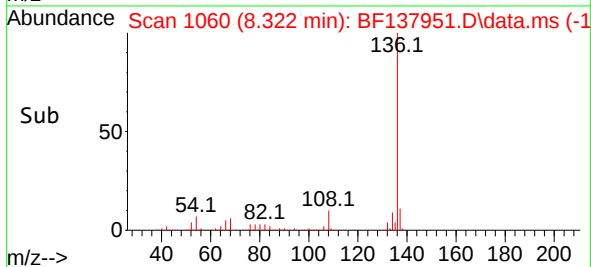
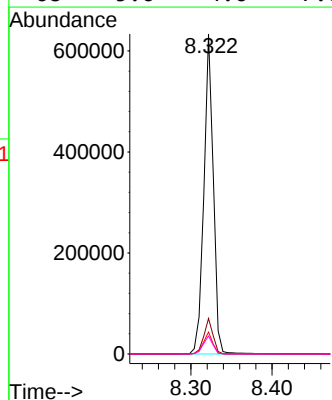
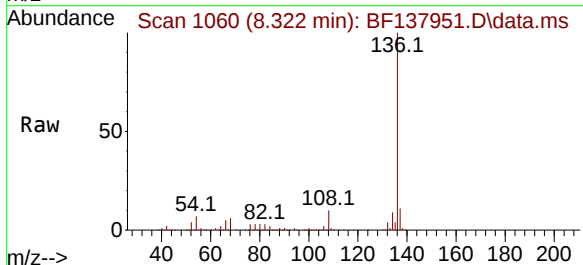
Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.6	18.8
71	34.7	27.1	40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137951.D
Acq: 20 May 2024 10:25

Tgt Ion: 136 Resp: 510166

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.8	5.4	8.2
68	5.6	4.6	7.0





#23

Nitrobenzene-d5

Concen: 91.847 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137951.D

Acq: 20 May 2024 10:25

Instrument :

BNA_F

ClientSampleId :

PB160935TB

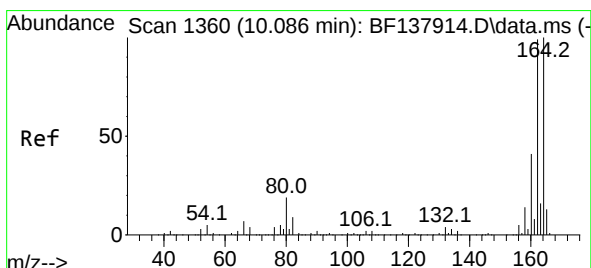
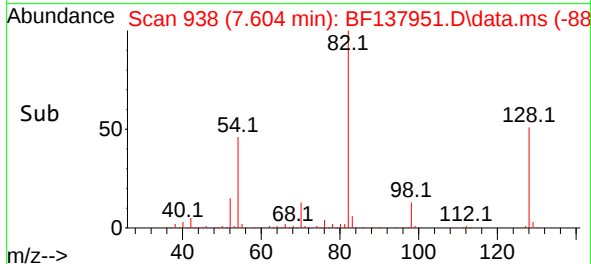
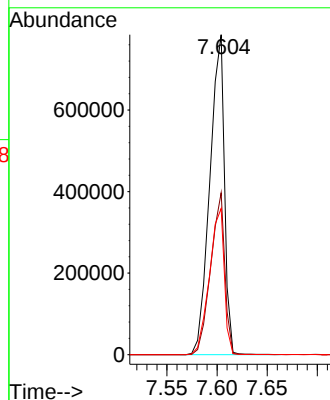
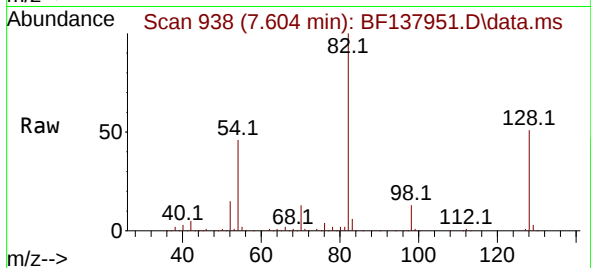
Tgt Ion: 82 Resp: 796209

Ion Ratio Lower Upper

82 100

128 50.6 40.3 60.5

54 45.7 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: BF137951.D

Acq: 20 May 2024 10:25

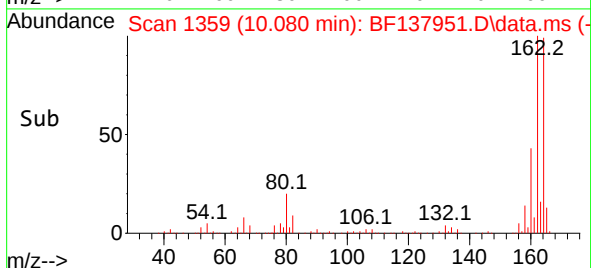
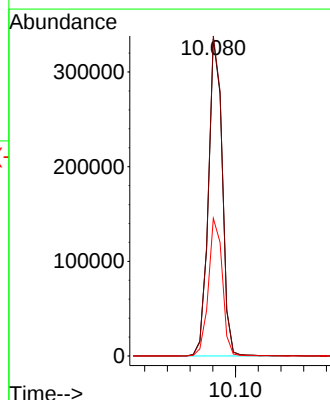
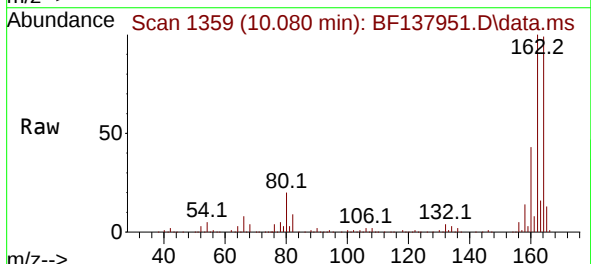
Tgt Ion:164 Resp: 282169

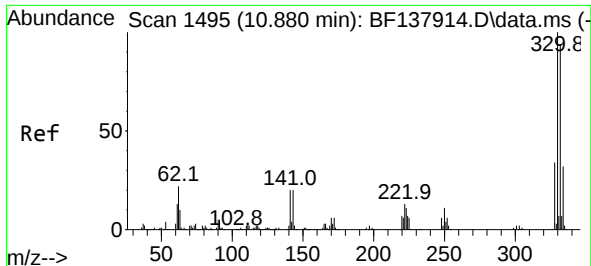
Ion Ratio Lower Upper

164 100

162 100.9 79.4 119.2

160 43.4 33.1 49.7

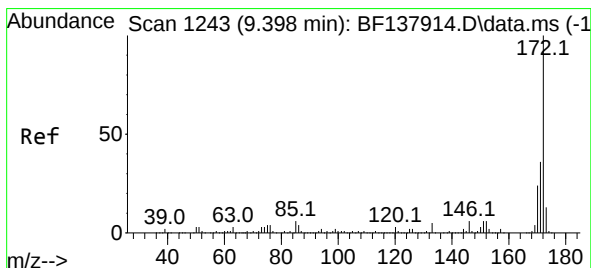
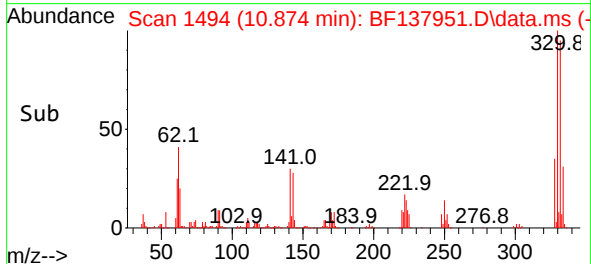
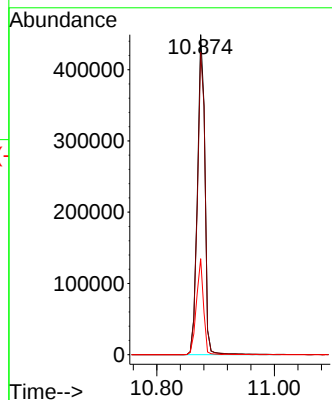
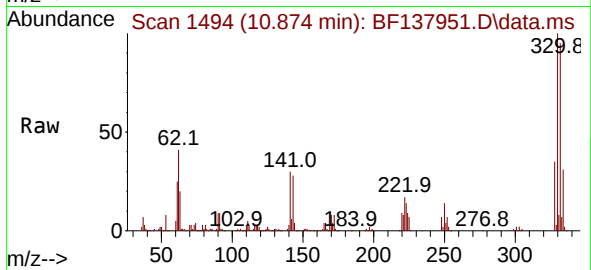




#42
2,4,6-Tribromophenol
Concen: 139.432 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137951.D
Acq: 20 May 2024 10:25

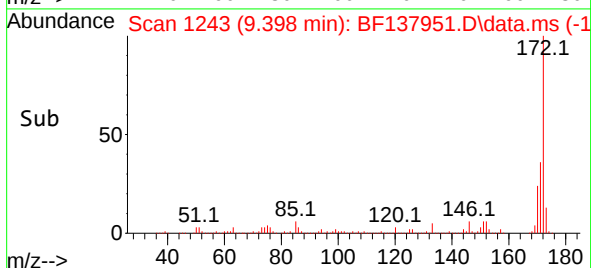
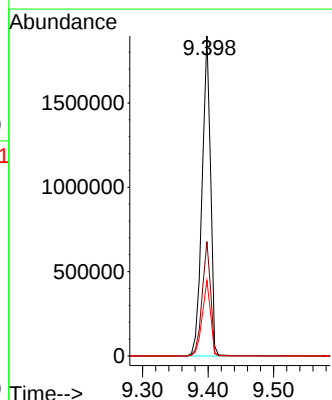
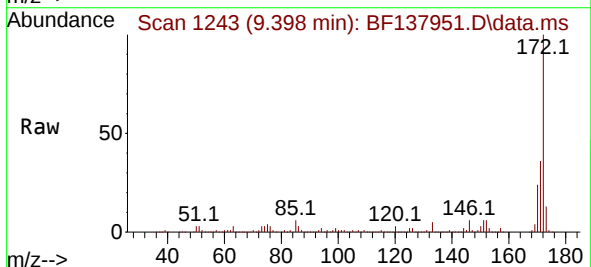
Instrument :
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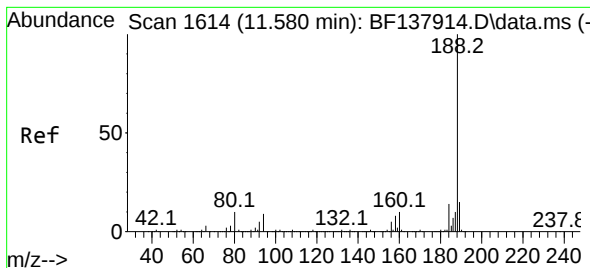
Tgt Ion:330 Resp: 396698
Ion Ratio Lower Upper
330 100
332 96.8 75.8 113.8
141 28.6 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 93.350 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF137951.D
Acq: 20 May 2024 10:25

Tgt Ion:172 Resp: 1709983
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 23.6 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: BF137951.D

Acq: 20 May 2024 10:25

Instrument :

BNA_F

ClientSampleId :

PB160935TB

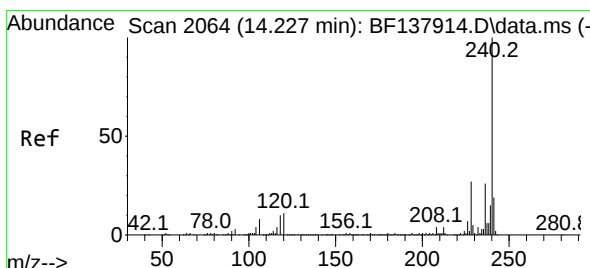
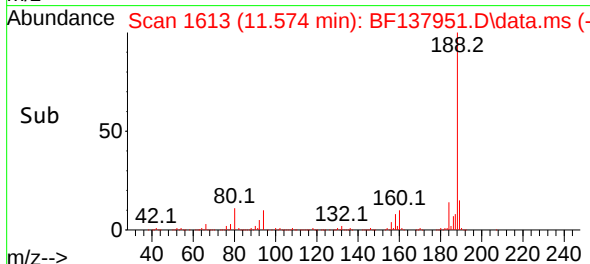
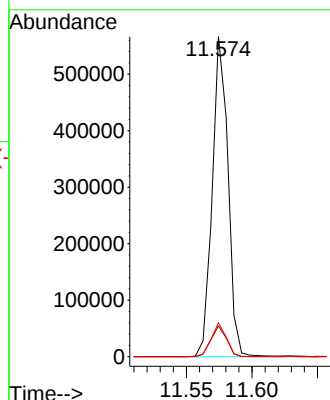
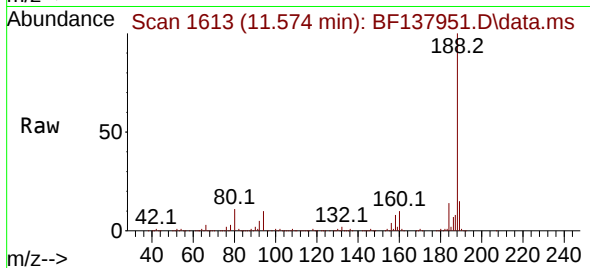
Tgt Ion:188 Resp: 472054

Ion Ratio Lower Upper

188 100

94 9.6 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: BF137951.D

Acq: 20 May 2024 10:25

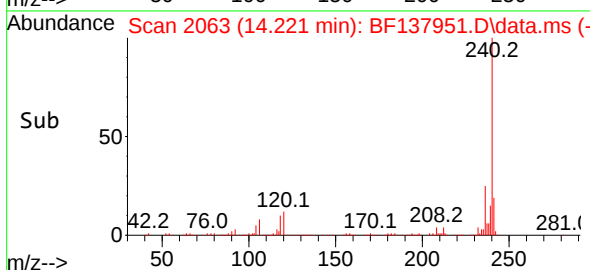
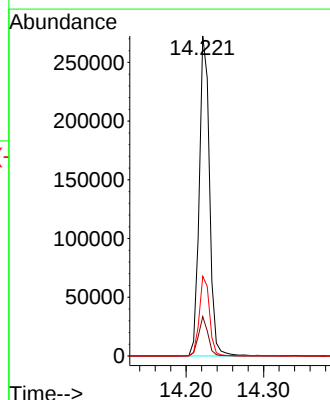
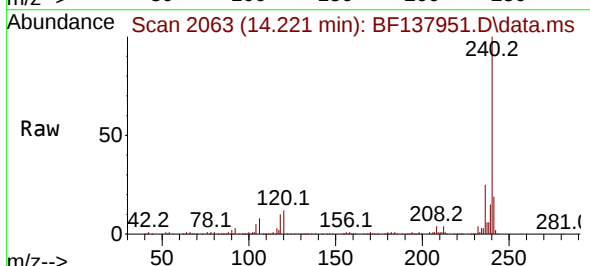
Tgt Ion:240 Resp: 250355

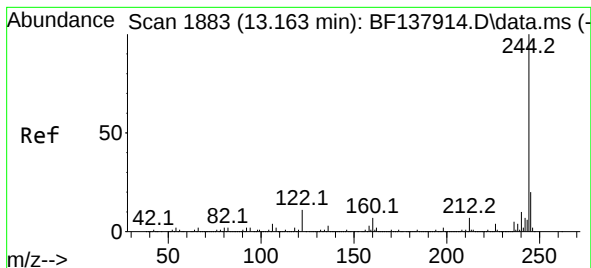
Ion Ratio Lower Upper

240 100

120 12.3 8.9 13.3

236 24.9 21.0 31.4





#79

Terphenyl-d14

Concen: 97.873 ng

RT: 13.163 min Scan# 1883

Delta R.T. -0.000 min

Lab File: BF137951.D

Acq: 20 May 2024 10:25

Instrument :

BNA_F

ClientSampleId :

PB160935TB

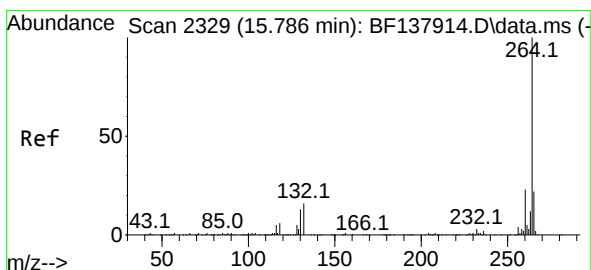
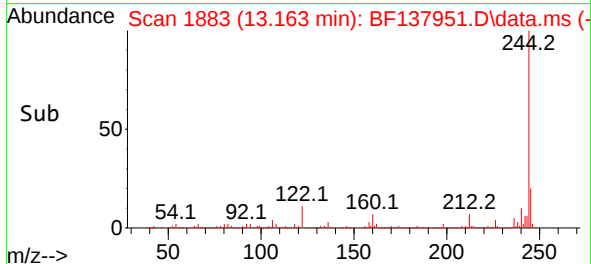
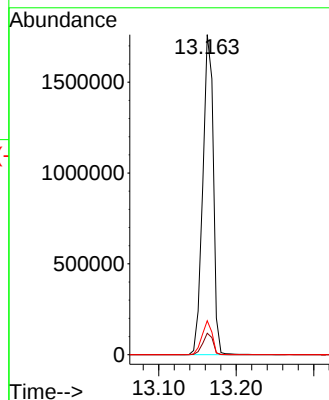
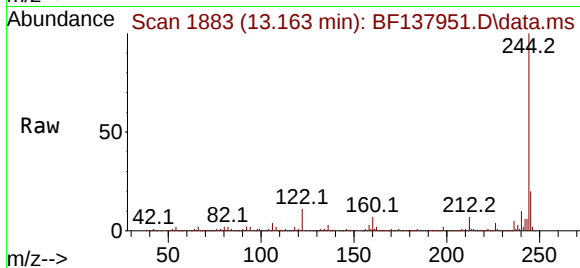
Tgt Ion:244 Resp: 1662579

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.6 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: BF137951.D

Acq: 20 May 2024 10:25

Tgt Ion:264 Resp: 245252

Ion Ratio Lower Upper

264 100

260 24.3 18.3 27.5

265 21.3 17.6 26.4

