

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
 Data File : BF137949.D
 Acq On : 20 May 2024 09:27
 Operator : CG\JU
 Sample : PB160983BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160983BL

Quant Time: May 20 11:29:13 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	7.040	152	136015	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	508265	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	279837	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	457597	20.000	ng	0.00
76) Chrysene-d12	14.221	240	250996	20.000	ng	0.00
86) Perylene-d12	15.786	264	252942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1030469	128.692	ng	0.01
7) Phenol-d6	6.657	99	1228568	124.555	ng	0.00
23) Nitrobenzene-d5	7.604	82	751865	87.056	ng	0.00
42) 2,4,6-Tribromophenol	10.875	330	361628	128.164	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1603501	88.266	ng	0.00
79) Terphenyl-d14	13.163	244	1545667	90.759	ng	0.00

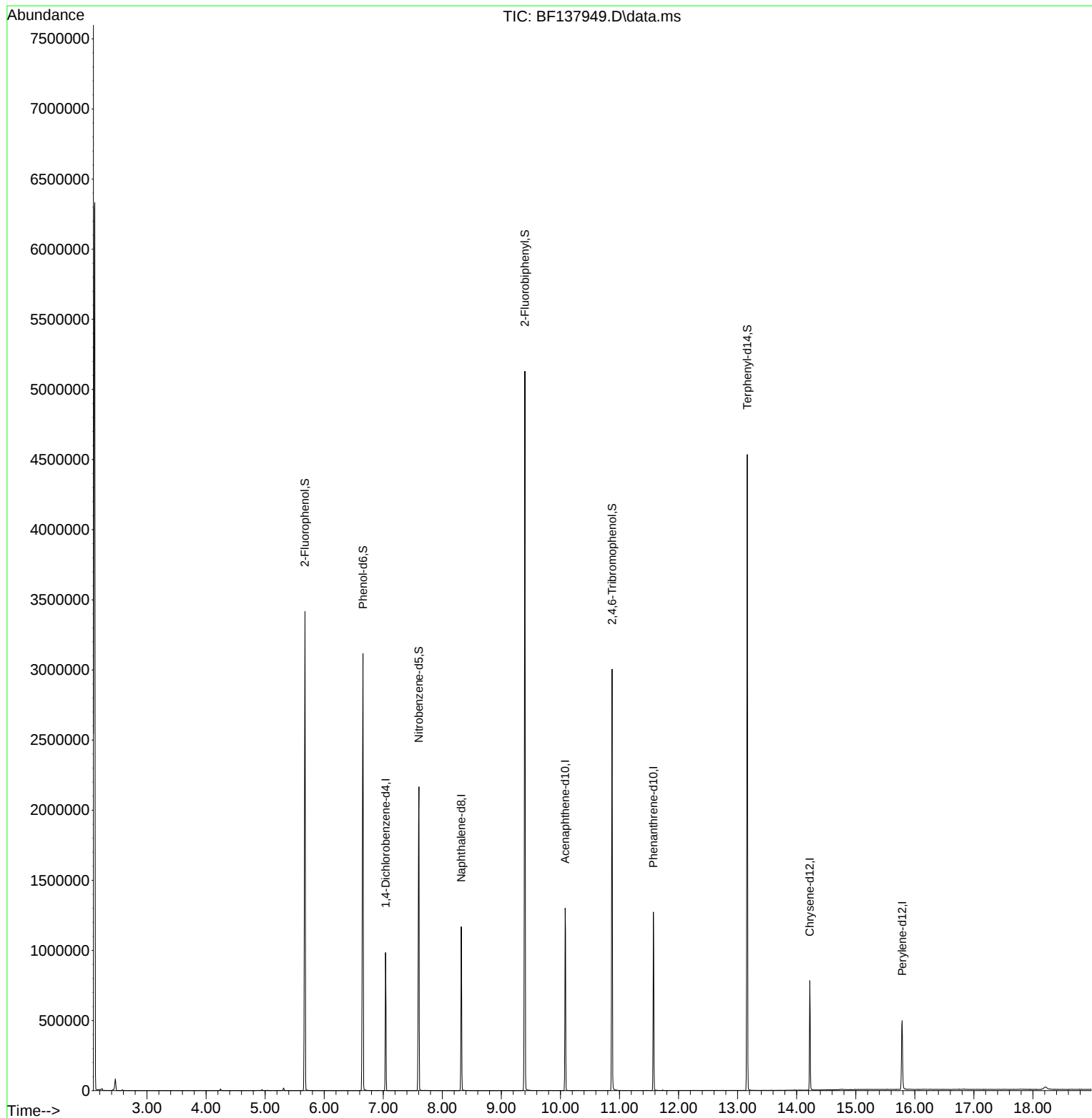
Target Compounds	Qvalue

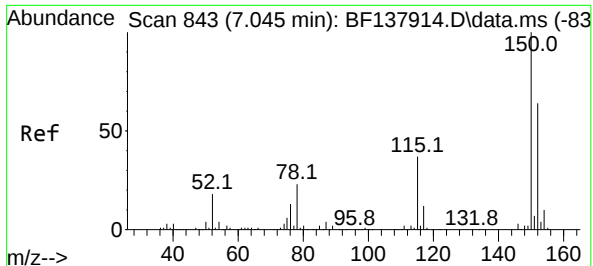
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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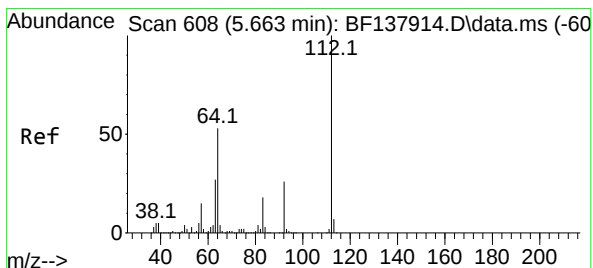
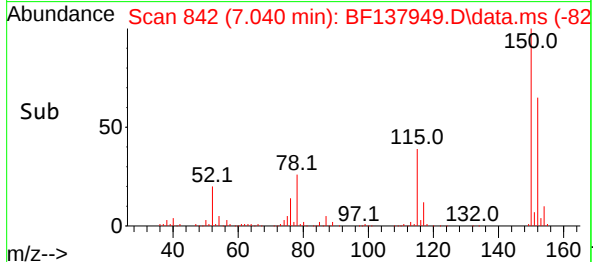
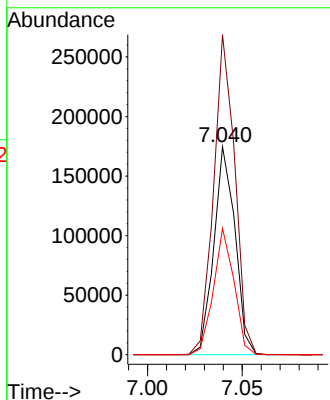
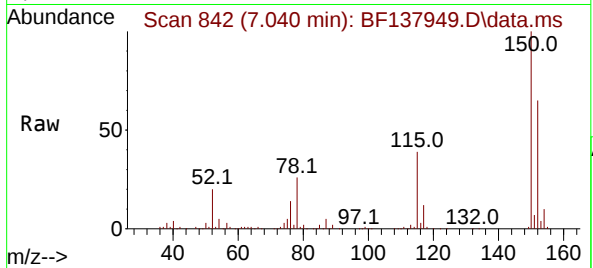




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.040 min Scan# 84
 Delta R.T. -0.005 min
 Lab File: BF137949.D
 Acq: 20 May 2024 09:27

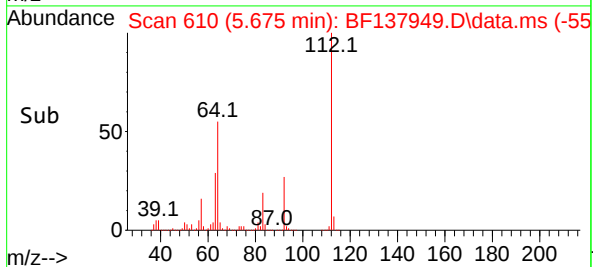
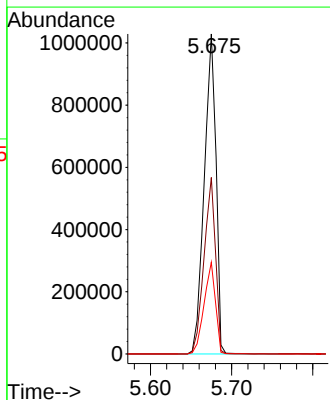
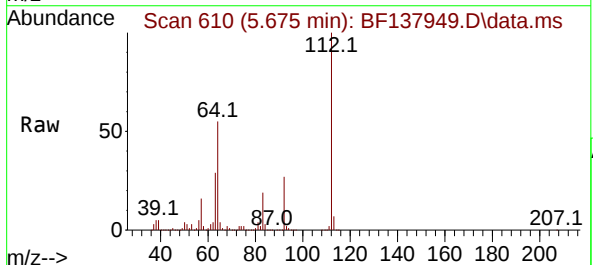
Instrument :
 BNA_F
 ClientSampleId :
 PB160983BL

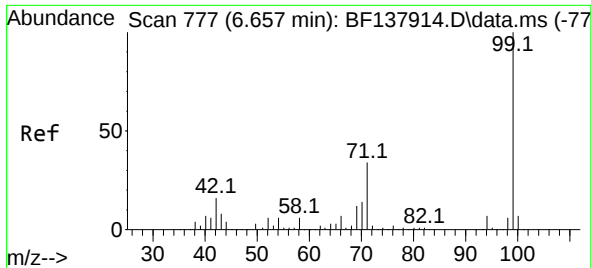
Tgt Ion:152 Resp: 136015
 Ion Ratio Lower Upper
 152 100
 150 153.8 125.7 188.5
 115 60.7 47.0 70.6



#5
 2-Fluorophenol
 Concen: 128.692 ng
 RT: 5.675 min Scan# 610
 Delta R.T. 0.012 min
 Lab File: BF137949.D
 Acq: 20 May 2024 09:27

Tgt Ion:112 Resp: 1030469
 Ion Ratio Lower Upper
 112 100
 64 55.2 42.4 63.6
 63 28.6 21.4 32.2



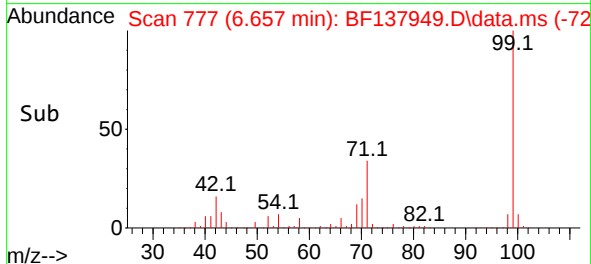
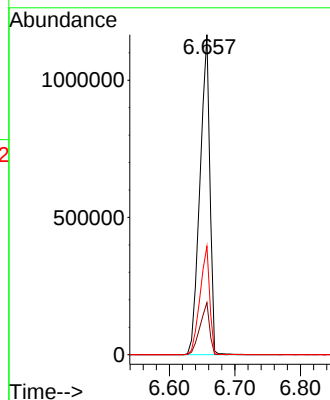
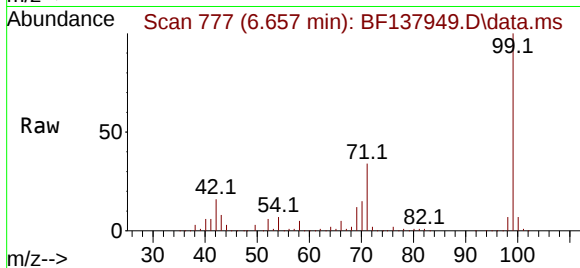


#7
Phenol-d6
Concen: 124.555 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137949.D
Acq: 20 May 2024 09:27

Instrument :
BNA_F
ClientSampleId :
PB160983BL

Tgt Ion: 99 Resp: 1228568

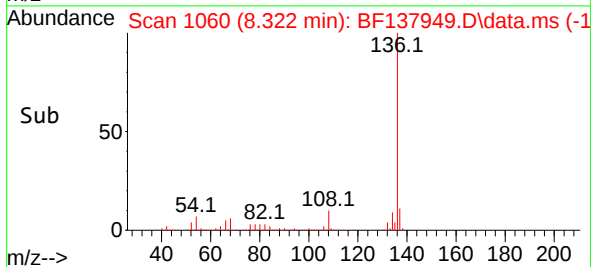
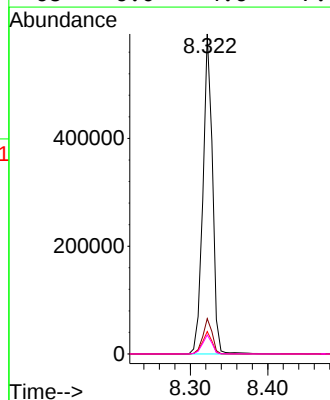
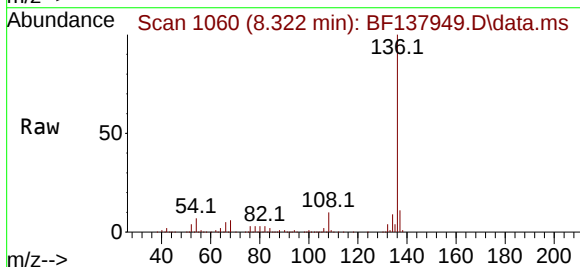
Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.6	18.8
71	33.8	27.1	40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137949.D
Acq: 20 May 2024 09:27

Tgt Ion: 136 Resp: 508265

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.0	5.4	8.2
68	6.0	4.6	7.0





#23

Nitrobenzene-d5

Concen: 87.056 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137949.D

Acq: 20 May 2024 09:27

Instrument :

BNA_F

ClientSampleId :

PB160983BL

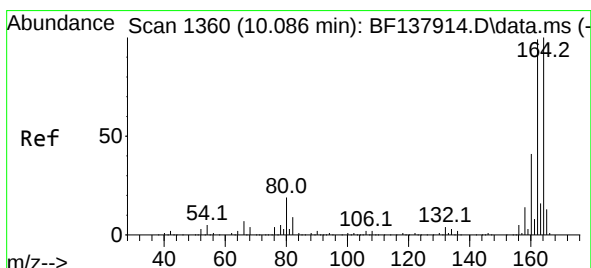
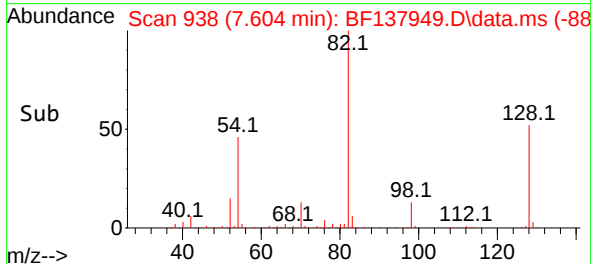
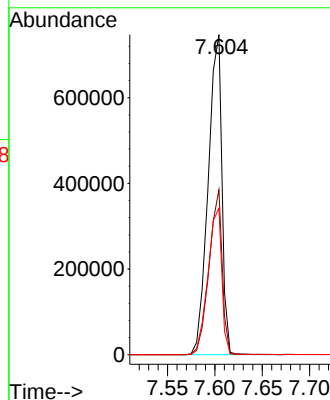
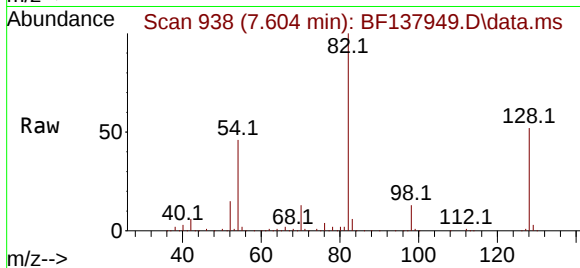
Tgt Ion: 82 Resp: 751865

Ion Ratio Lower Upper

82 100

128 51.6 40.3 60.5

54 45.8 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.081 min Scan# 1359

Delta R.T. -0.005 min

Lab File: BF137949.D

Acq: 20 May 2024 09:27

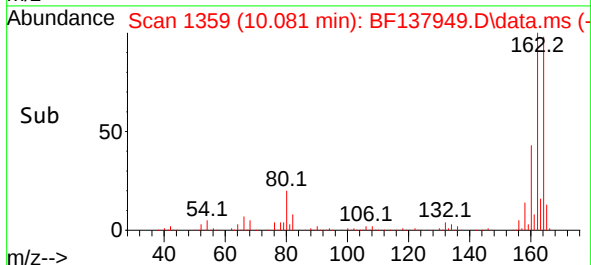
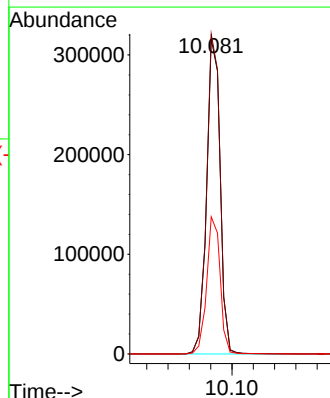
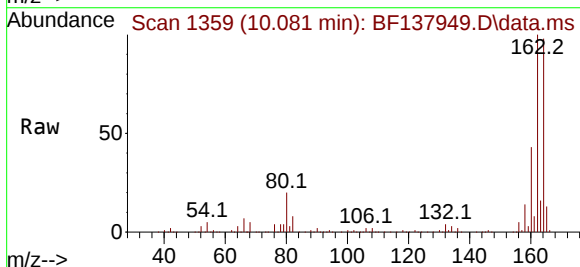
Tgt Ion:164 Resp: 279837

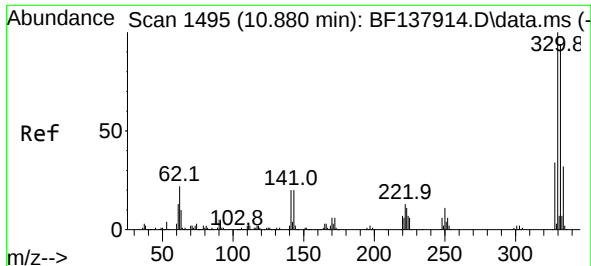
Ion Ratio Lower Upper

164 100

162 101.6 79.4 119.2

160 43.5 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 128.164 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137949.D

Acq: 20 May 2024 09:27

Instrument :

BNA_F

ClientSampleId :

PB160983BL

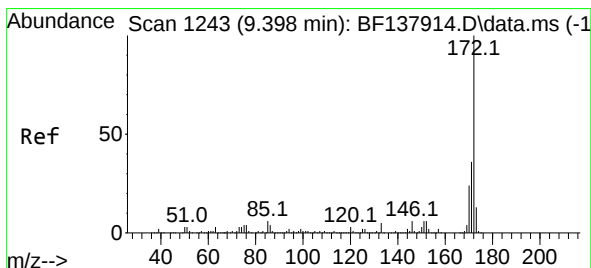
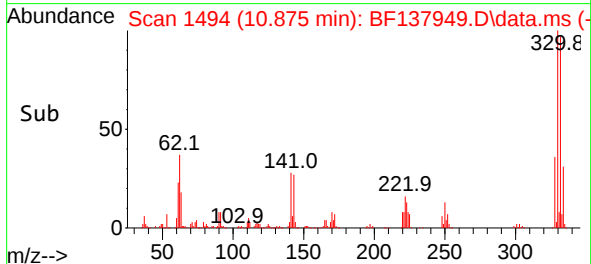
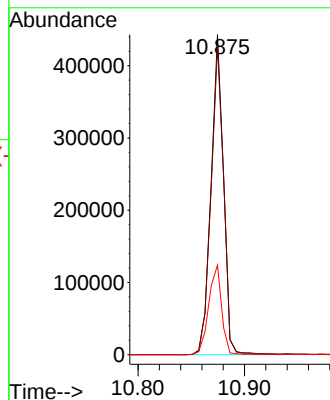
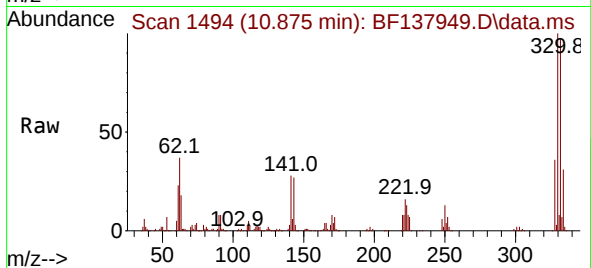
Tgt Ion:330 Resp: 361628

Ion Ratio Lower Upper

330 100

332 98.2 75.8 113.8

141 29.3 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 88.266 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF137949.D

Acq: 20 May 2024 09:27

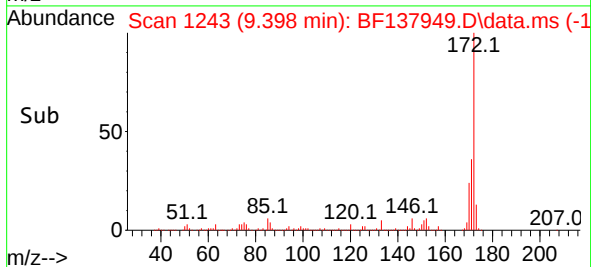
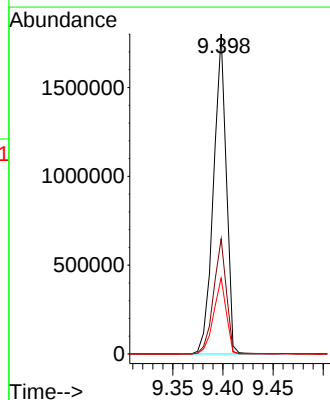
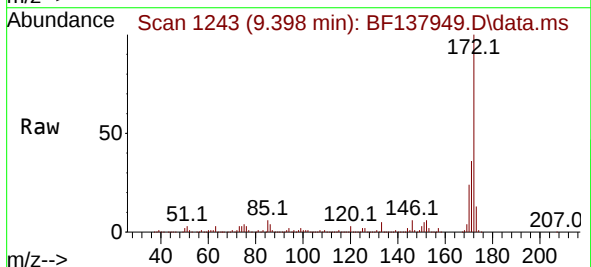
Tgt Ion:172 Resp: 1603501

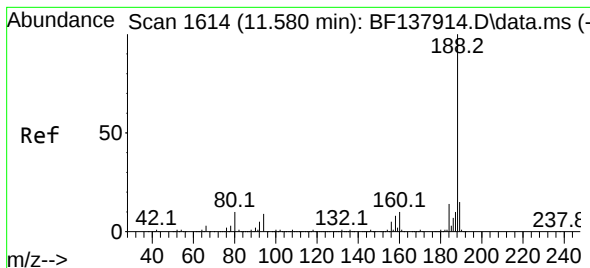
Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137949.D

Acq: 20 May 2024 09:27

Instrument :

BNA_F

ClientSampleId :

PB160983BL

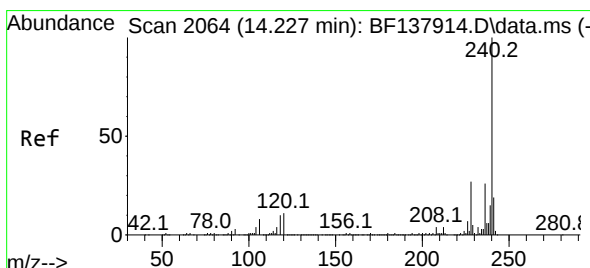
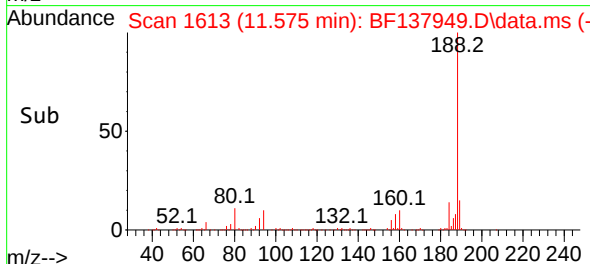
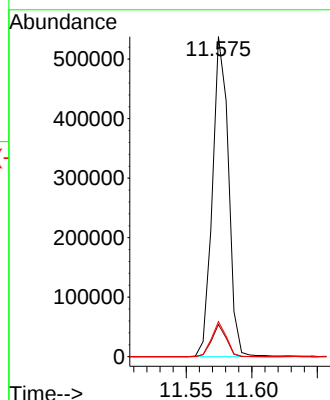
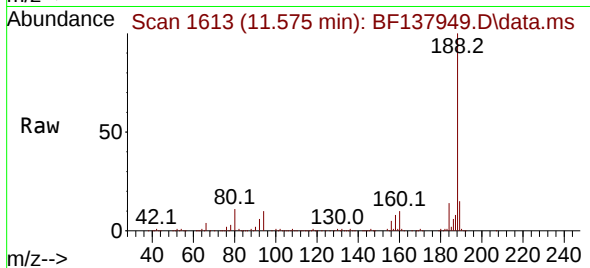
Tgt Ion:188 Resp: 457597

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.4

80 11.0 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: BF137949.D

Acq: 20 May 2024 09:27

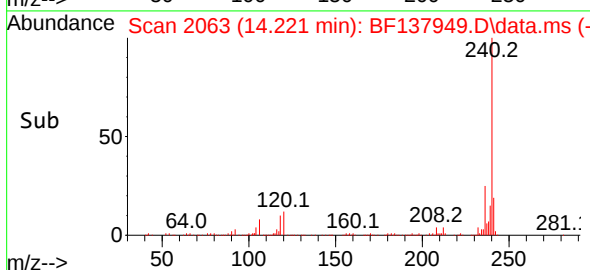
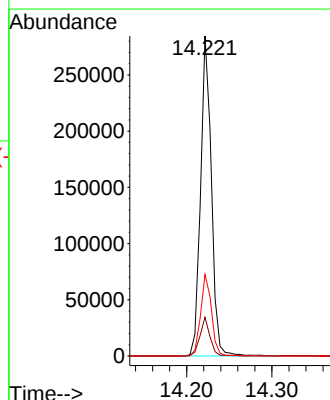
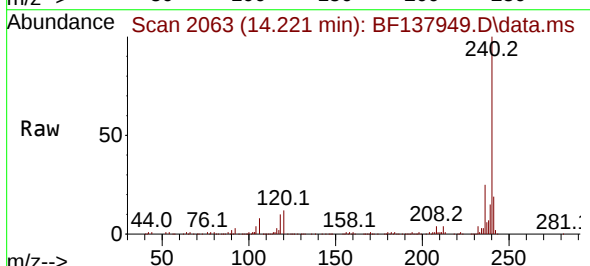
Tgt Ion:240 Resp: 250996

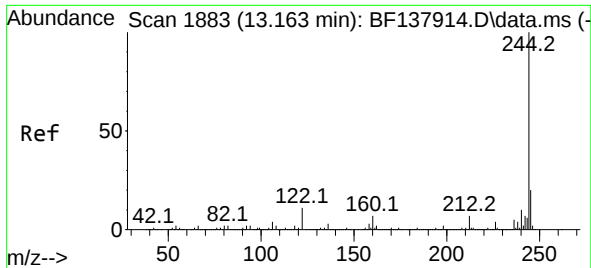
Ion Ratio Lower Upper

240 100

120 12.1 8.9 13.3

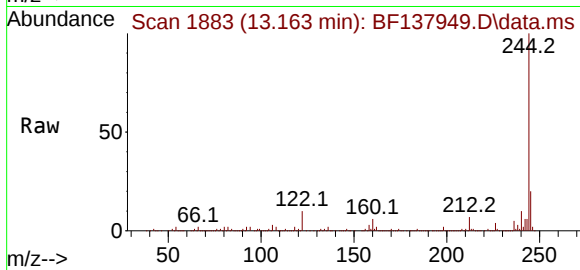
236 25.5 21.0 31.4



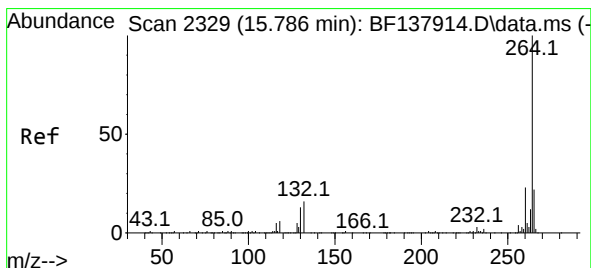
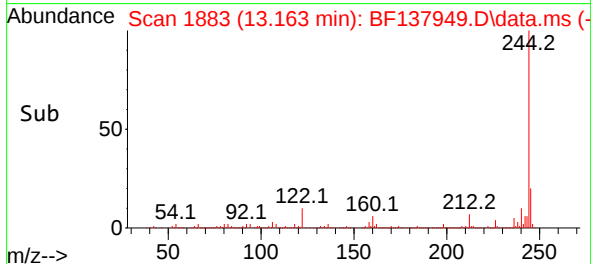
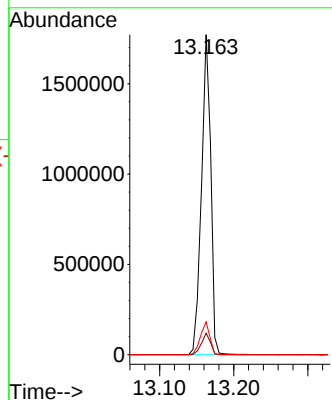


#79
Terphenyl-d14
Concen: 90.759 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BF137949.D
Acq: 20 May 2024 09:27

Instrument :
BNA_F
ClientSampleId :
PB160983BL



Tgt Ion:244 Resp: 1545667
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.2 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: BF137949.D
Acq: 20 May 2024 09:27

Tgt Ion:264 Resp: 252942
Ion Ratio Lower Upper
264 100
260 23.3 18.3 27.5
265 20.8 17.6 26.4

