

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137928.D
 Acq On : 17 May 2024 13:22
 Operator : CG\JU
 Sample : P2486-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPK

Quant Time: May 17 13:47:02 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	118273	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	458804	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	264821	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	475629	20.000	ng	0.00
76) Chrysene-d12	14.227	240	379303	20.000	ng	0.00
86) Perylene-d12	15.786	264	316893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	788349	113.223	ng	0.00
7) Phenol-d6	6.651	99	983392	114.654	ng	0.00
23) Nitrobenzene-d5	7.598	82	580500	74.460	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	307783	115.266	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1242360	72.264	ng	0.00
79) Terphenyl-d14	13.162	244	1639789	63.715	ng	0.00

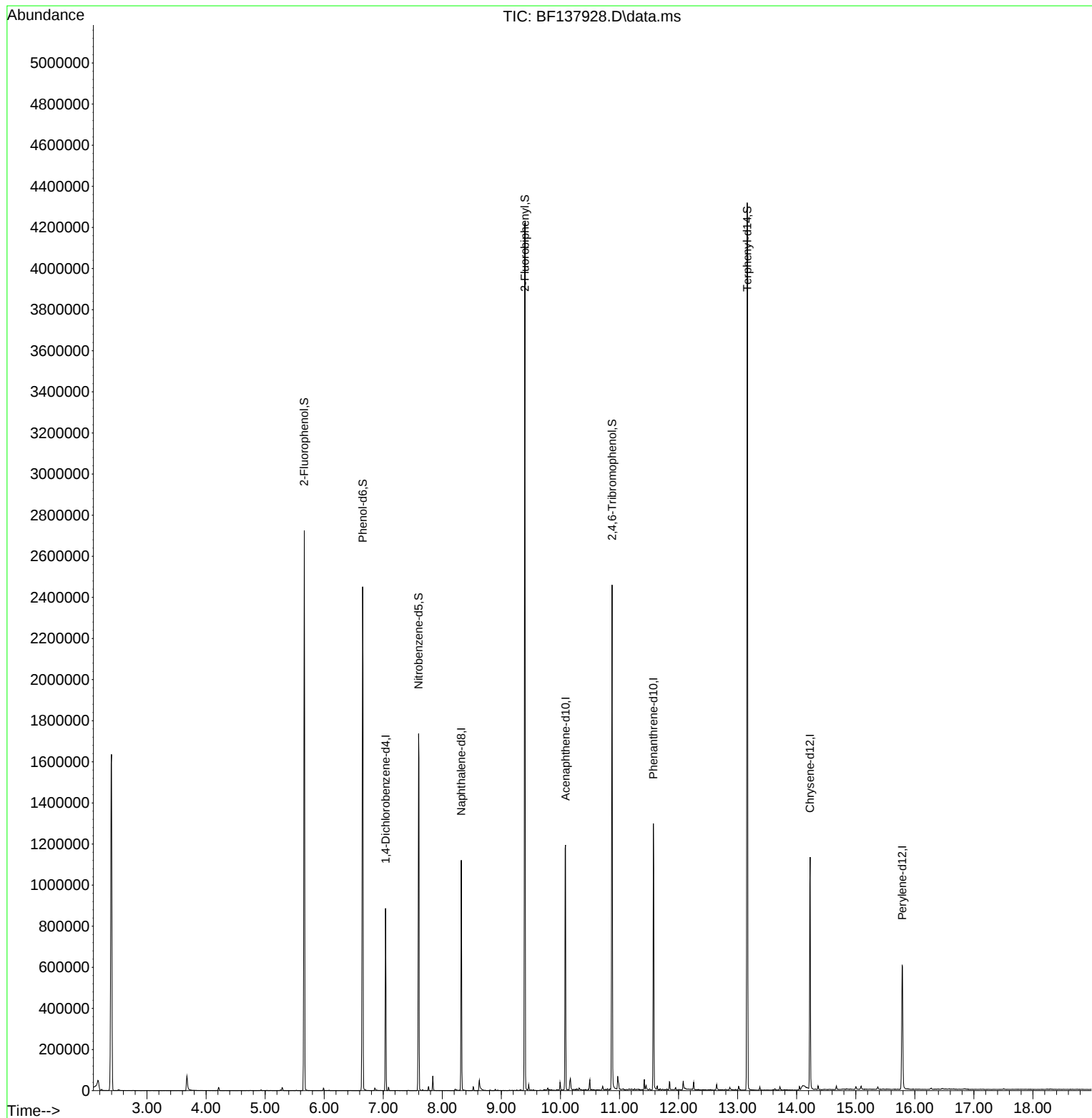
Target Compounds	Qvalue

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

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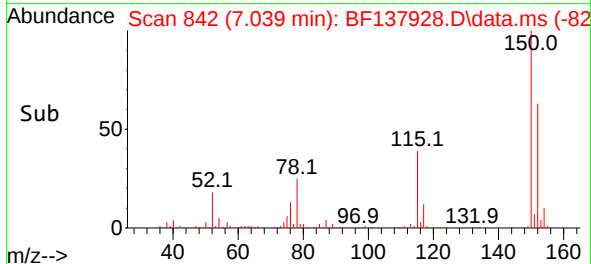
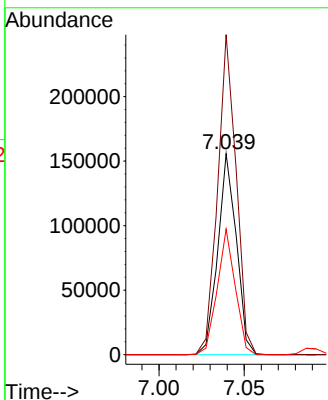
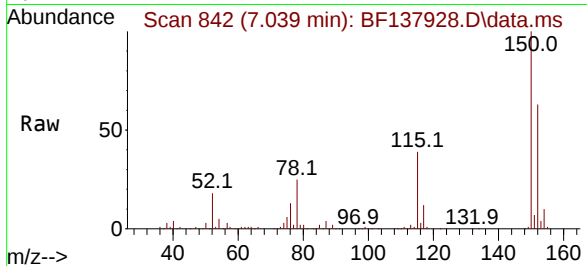




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137928.D
Acq: 17 May 2024 13:22

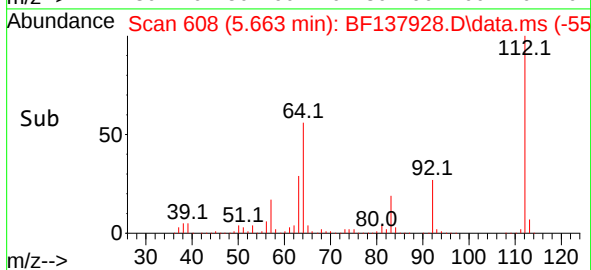
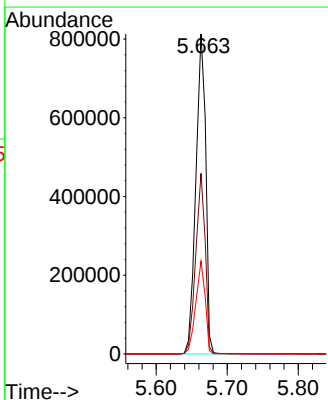
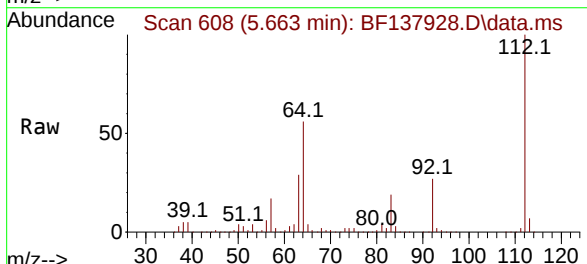
Instrument :
BNA_F
ClientSampleId :
WCS-TPK

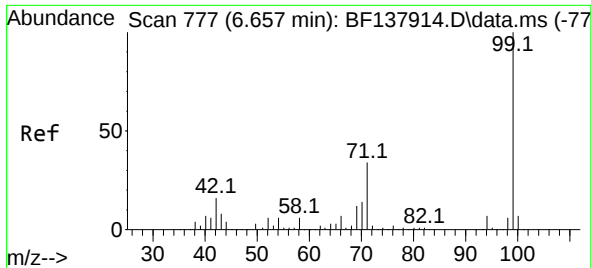
Tgt Ion:152 Resp: 118273
Ion Ratio Lower Upper
152 100
150 159.2 125.7 188.5
115 62.5 47.0 70.6



#5
2-Fluorophenol
Concen: 113.223 ng
RT: 5.663 min Scan# 608
Delta R.T. -0.000 min
Lab File: BF137928.D
Acq: 17 May 2024 13:22

Tgt Ion:112 Resp: 788349
Ion Ratio Lower Upper
112 100
64 56.5 42.4 63.6
63 29.0 21.4 32.2

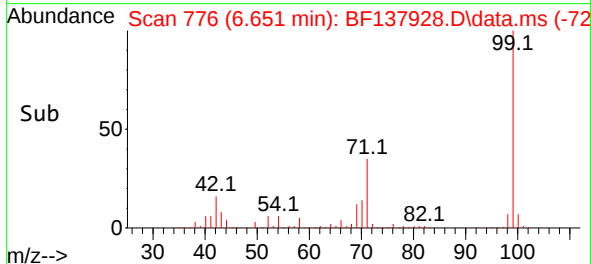
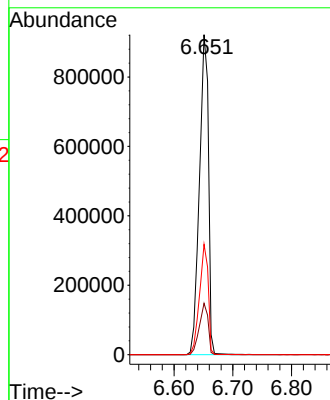
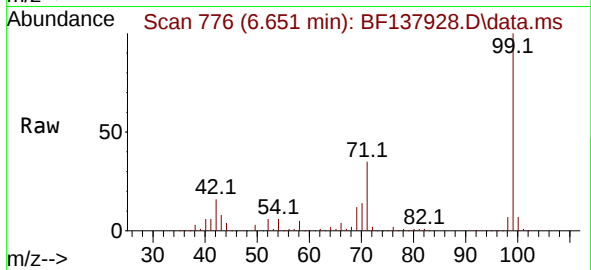




#7
Phenol-d6
Concen: 114.654 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137928.D
Acq: 17 May 2024 13:22

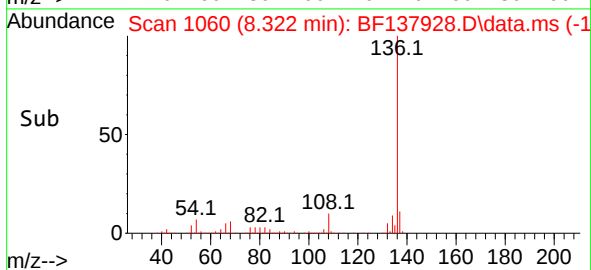
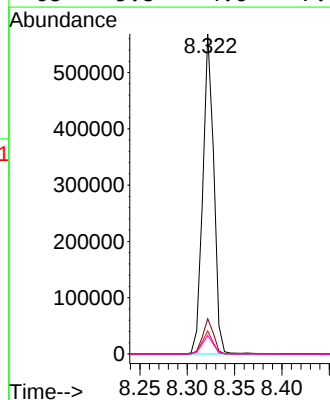
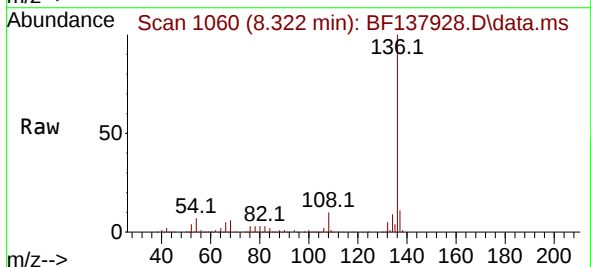
Instrument :
BNA_F
ClientSampleId :
WCS-TPK

Tgt Ion: 99 Resp: 983392
Ion Ratio Lower Upper
99 100
42 16.0 12.6 18.8
71 34.5 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: BF137928.D
Acq: 17 May 2024 13:22

Tgt Ion: 136 Resp: 458804
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.2 5.4 8.2
68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 74.460 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137928.D

Acq: 17 May 2024 13:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPK

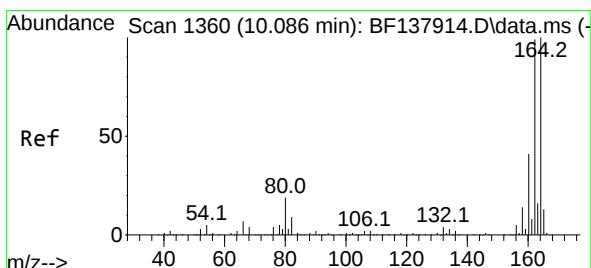
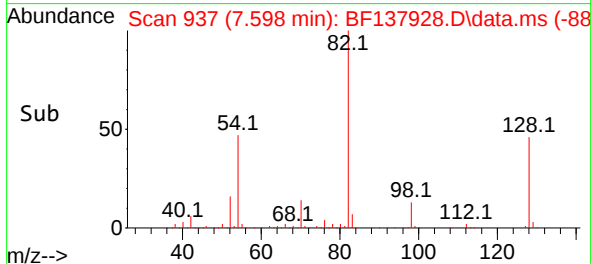
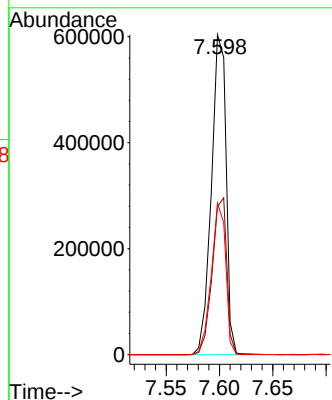
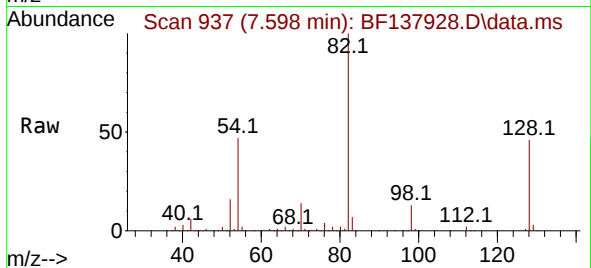
Tgt Ion: 82 Resp: 580500

Ion Ratio Lower Upper

82 100

128 46.4 40.3 60.5

54 47.4 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: BF137928.D

Acq: 17 May 2024 13:22

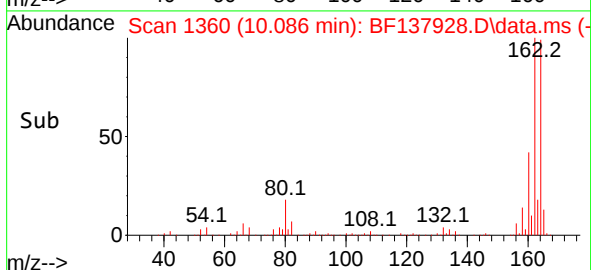
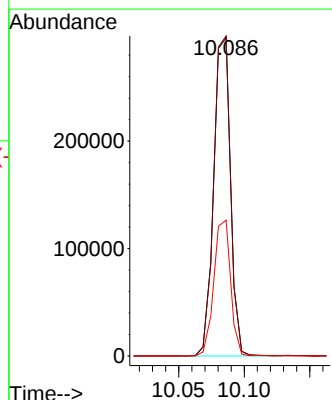
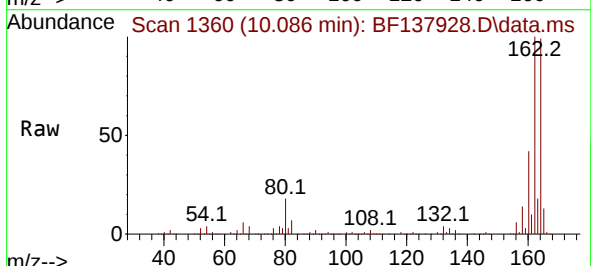
Tgt Ion:164 Resp: 264821

Ion Ratio Lower Upper

164 100

162 100.5 79.4 119.2

160 42.6 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 115.266 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137928.D

Acq: 17 May 2024 13:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPK

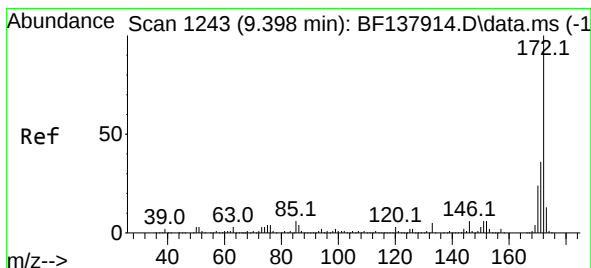
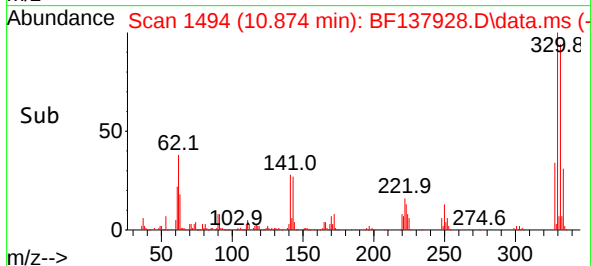
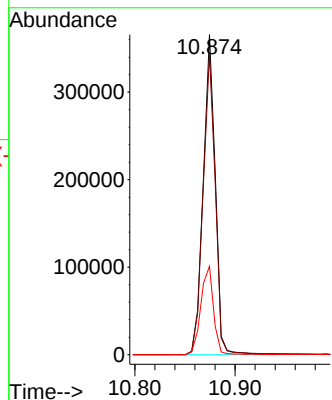
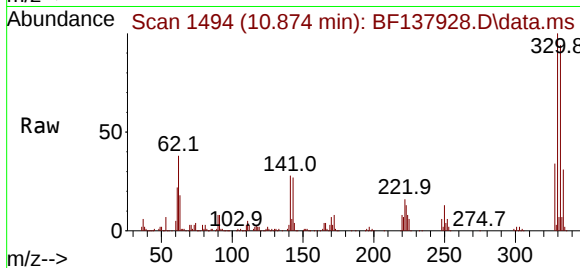
Tgt Ion:330 Resp: 307783

Ion Ratio Lower Upper

330 100

332 95.4 75.8 113.8

141 29.2 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 72.264 ng

RT: 9.398 min Scan# 1243

Delta R.T. -0.000 min

Lab File: BF137928.D

Acq: 17 May 2024 13:22

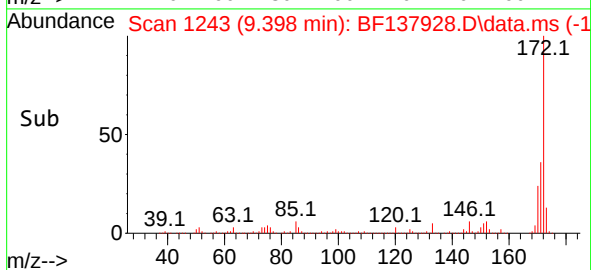
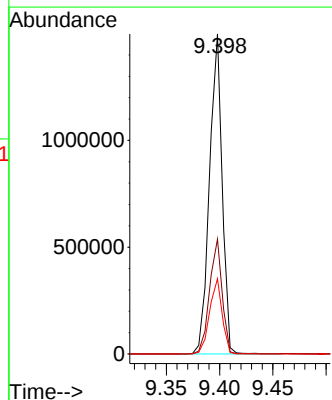
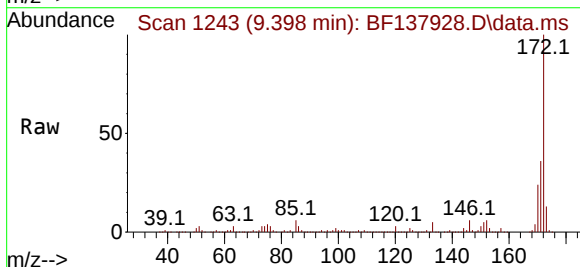
Tgt Ion:172 Resp: 1242360

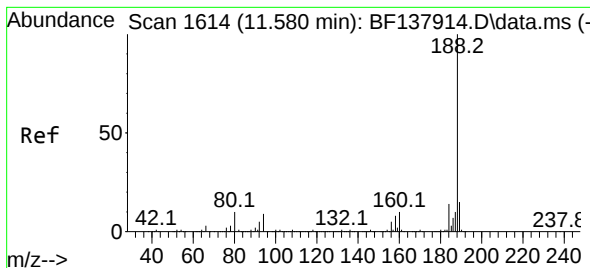
Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

170 23.5 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: BF137928.D

Acq: 17 May 2024 13:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPK

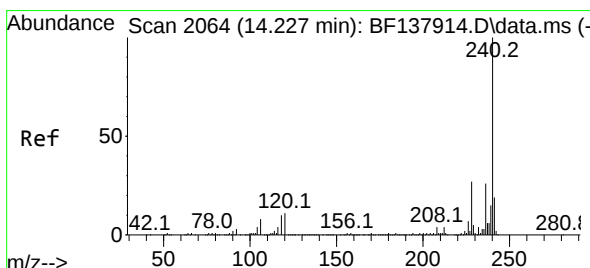
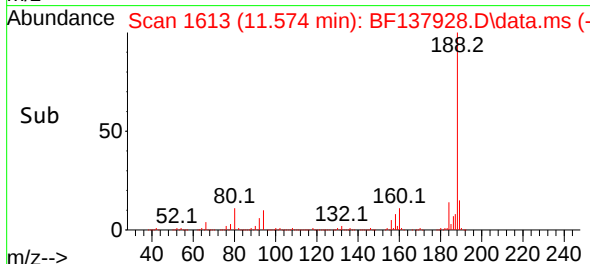
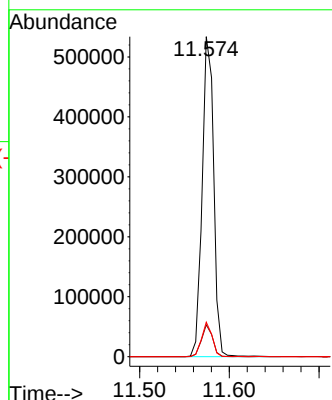
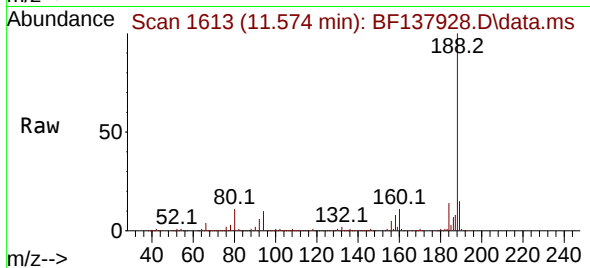
Tgt Ion:188 Resp: 475629

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.4

80 10.8 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: BF137928.D

Acq: 17 May 2024 13:22

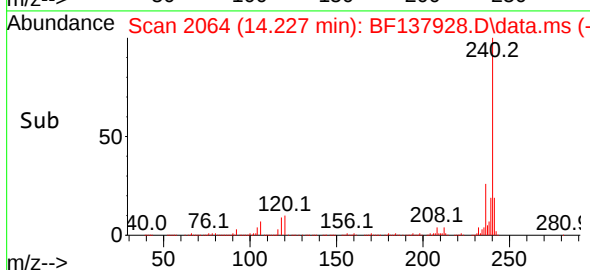
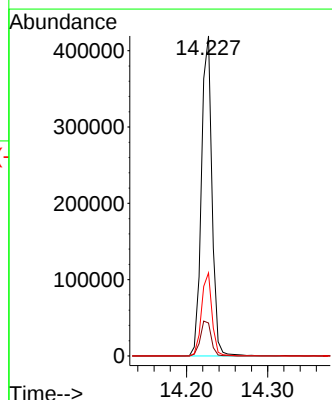
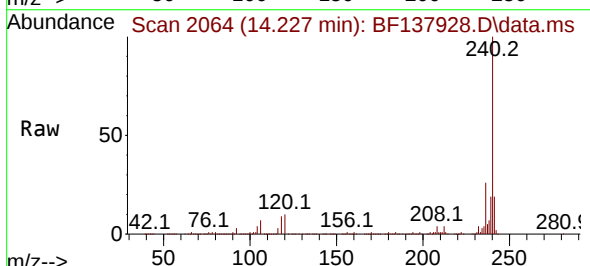
Tgt Ion:240 Resp: 379303

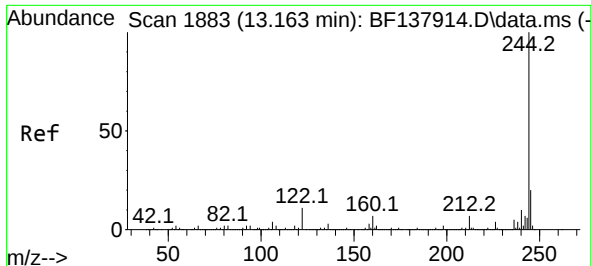
Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

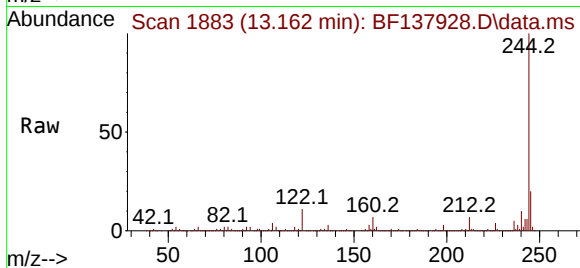
236 26.0 21.0 31.4



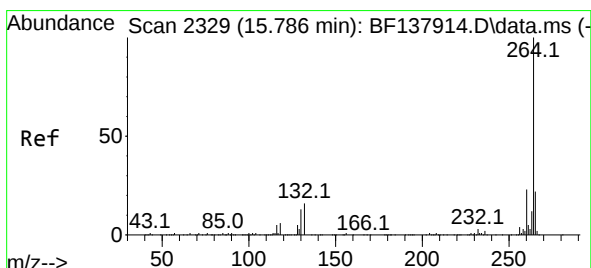
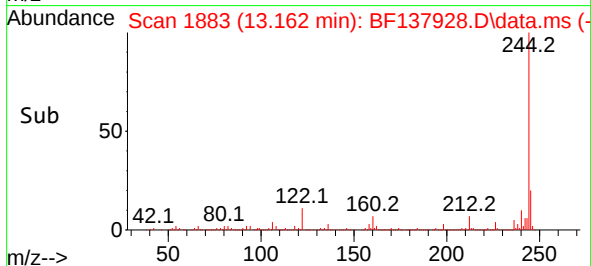
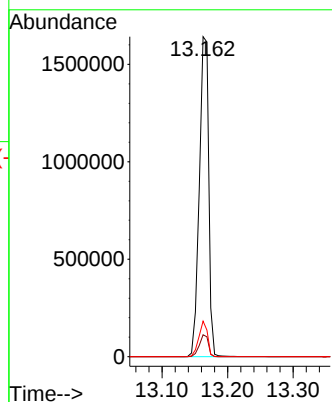


#79
 Terphenyl-d14
 Concen: 63.715 ng
 RT: 13.162 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: BF137928.D
 Acq: 17 May 2024 13:22

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPK



Tgt Ion:244 Resp: 1639789
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.1 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: BF137928.D
 Acq: 17 May 2024 13:22

Tgt Ion:264 Resp: 316893
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 21.3 17.6 26.4

