

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137954.D
Acq On : 20 May 2024 12:01
Operator : CG\JU
Sample : P2486-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPL

Quant Time: May 20 12:36:02 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	7.040	152	130890	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	508964	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	295495	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	537125	20.000	ng	0.00
76) Chrysene-d12	14.221	240	328132	20.000	ng	0.00
86) Perylene-d12	15.786	264	290984	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	879892	114.189	ng	0.01
7) Phenol-d6	6.657	99	1001562	105.516	ng	0.00
23) Nitrobenzene-d5	7.604	82	715708	82.756	ng	0.00
42) 2,4,6-Tribromophenol	10.875	330	426173	143.036	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1574512	82.078	ng	0.00
79) Terphenyl-d14	13.169	244	1971587	88.554	ng	0.00

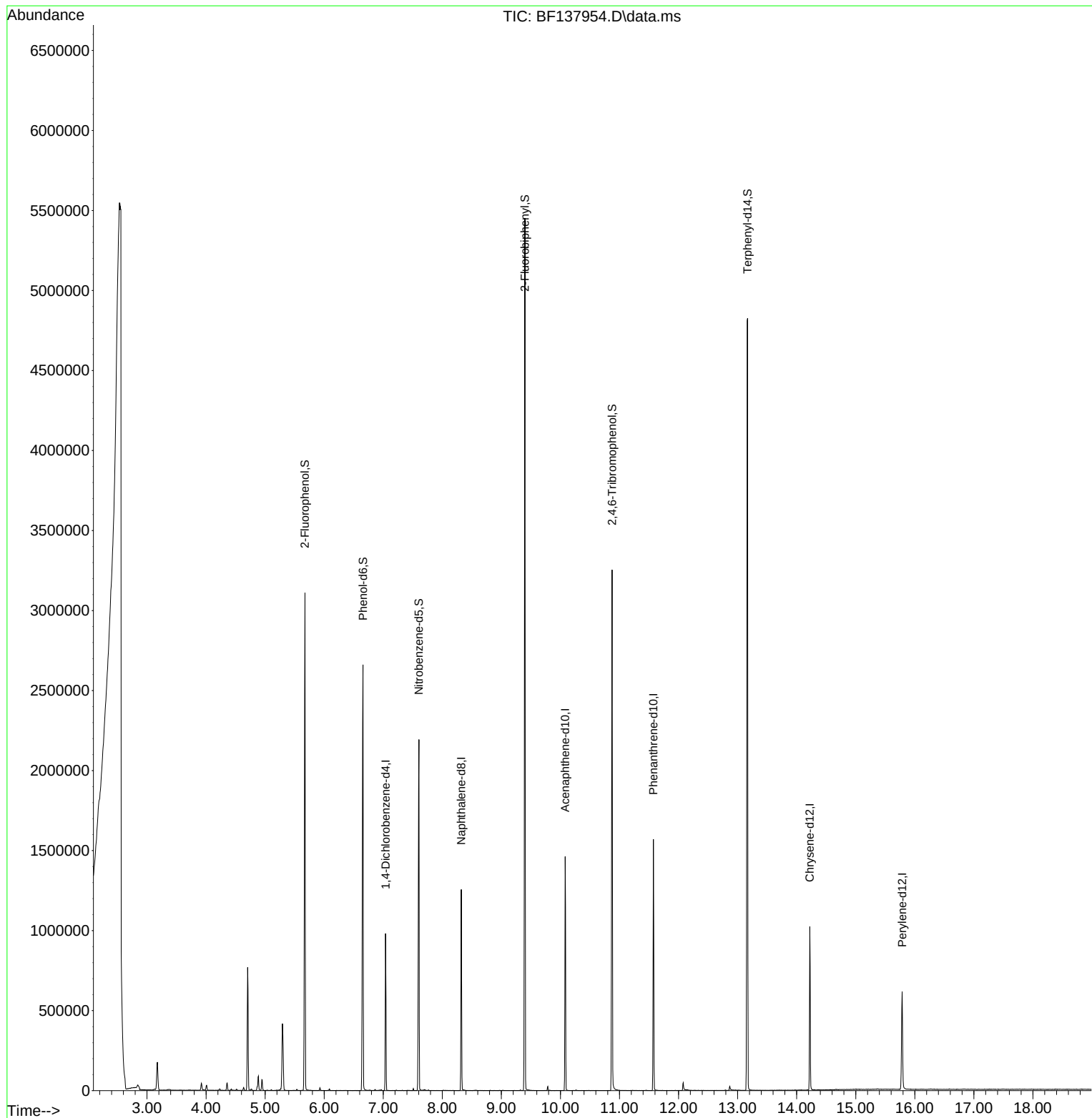
Target Compounds	Qvalue

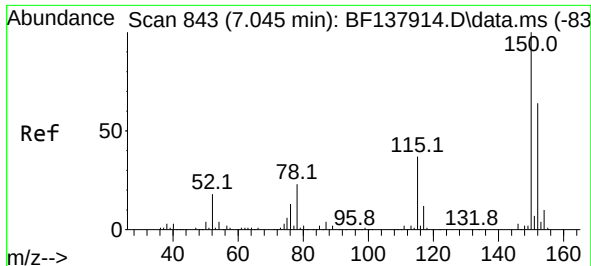
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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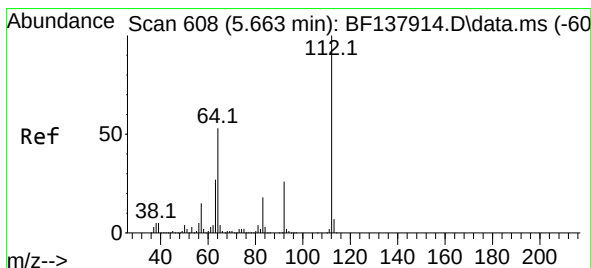
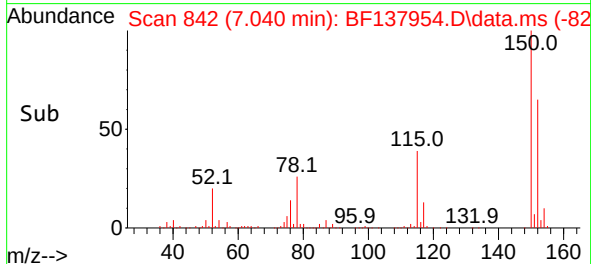
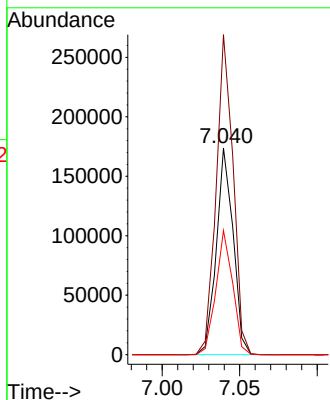
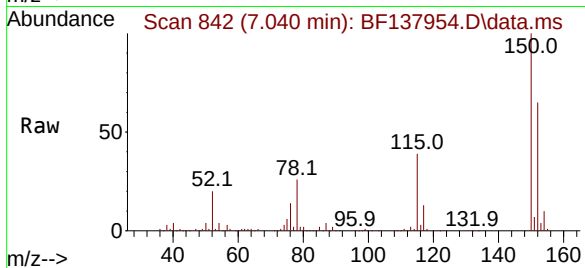




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF137954.D
Acq: 20 May 2024 12:01

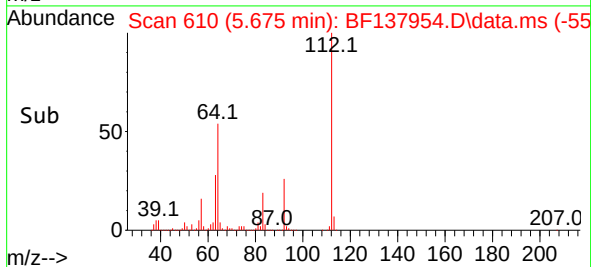
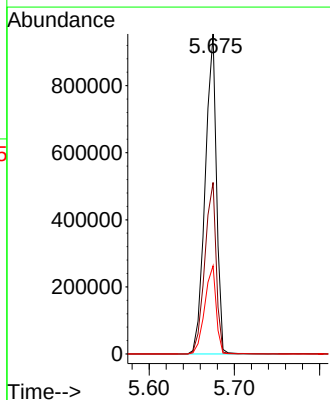
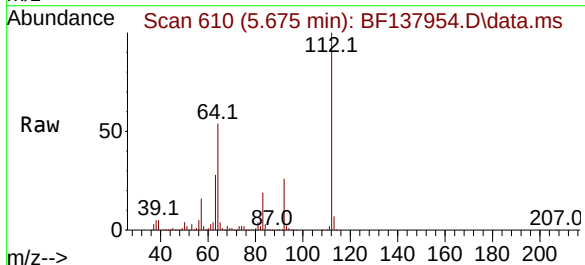
Instrument :
BNA_F
ClientSampleId :
WCS-TPL

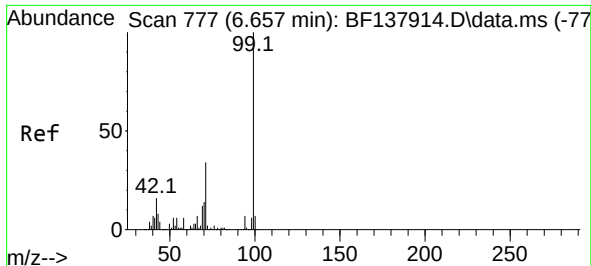
Tgt Ion:152 Resp: 130890
Ion Ratio Lower Upper
152 100
150 154.8 125.7 188.5
115 60.1 47.0 70.6



#5
2-Fluorophenol
Concen: 114.189 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137954.D
Acq: 20 May 2024 12:01

Tgt Ion:112 Resp: 879892
Ion Ratio Lower Upper
112 100
64 53.6 42.4 63.6
63 27.6 21.4 32.2



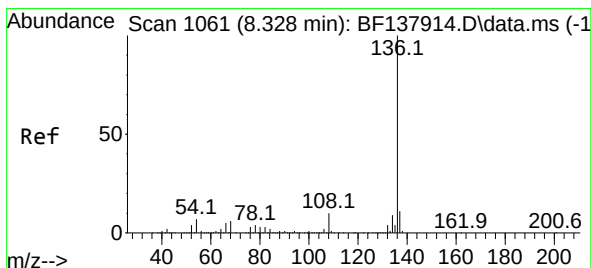
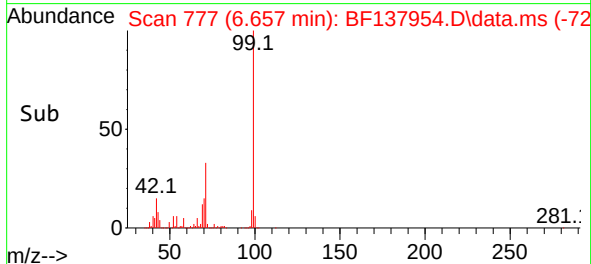
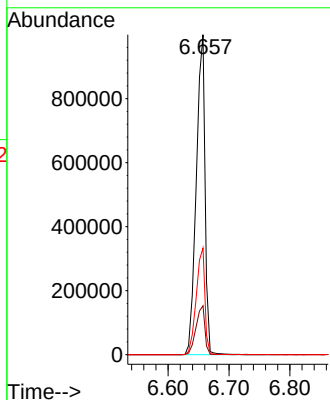
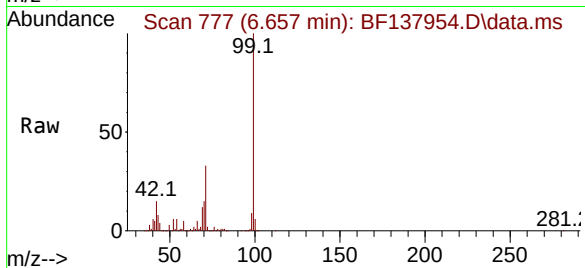


#7
Phenol-d6
Concen: 105.516 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137954.D
Acq: 20 May 2024 12:01

Instrument :
BNA_F
ClientSampleId :
WCS-TPL

Tgt Ion: 99 Resp: 1001562

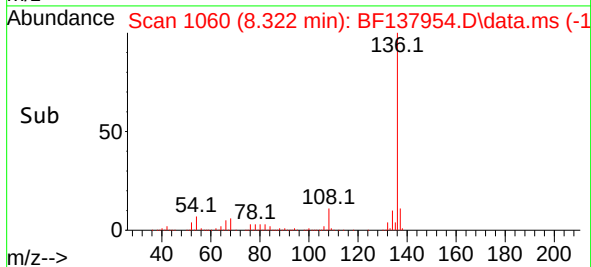
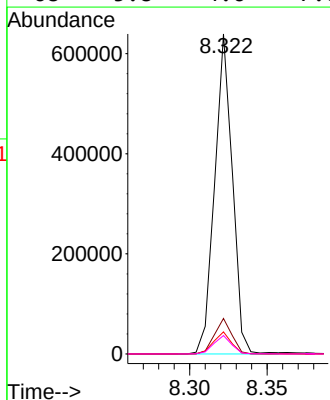
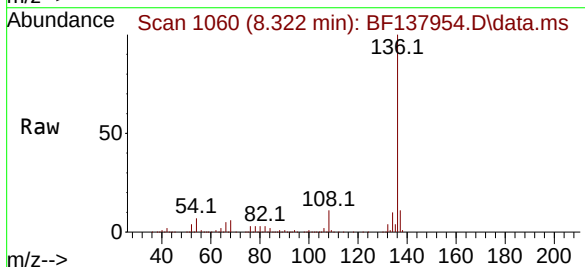
Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.6	18.8
71	33.4	27.1	40.7

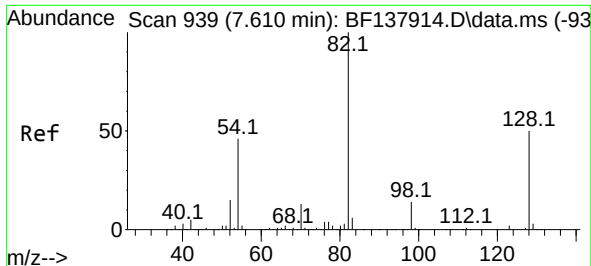


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137954.D
Acq: 20 May 2024 12:01

Tgt Ion: 136 Resp: 508964

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.9	5.4	8.2
68	5.8	4.6	7.0





#23

Nitrobenzene-d5

Concen: 82.756 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137954.D

Acq: 20 May 2024 12:01

Instrument :

BNA_F

ClientSampleId :

WCS-TPL

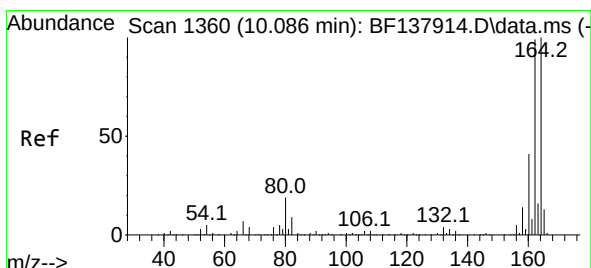
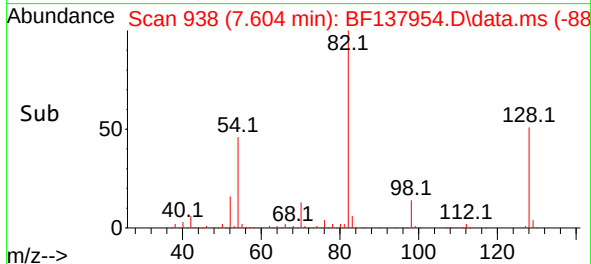
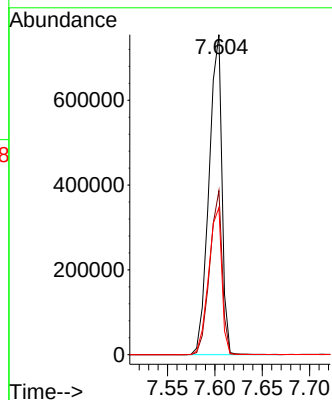
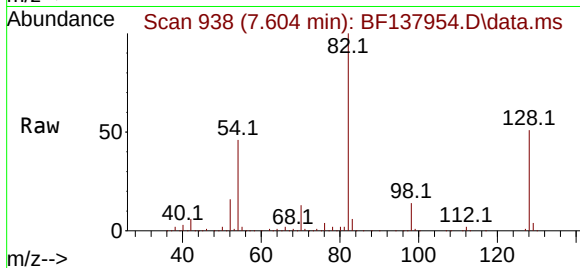
Tgt Ion: 82 Resp: 715708

Ion Ratio Lower Upper

82 100

128 51.2 40.3 60.5

54 45.9 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: BF137954.D

Acq: 20 May 2024 12:01

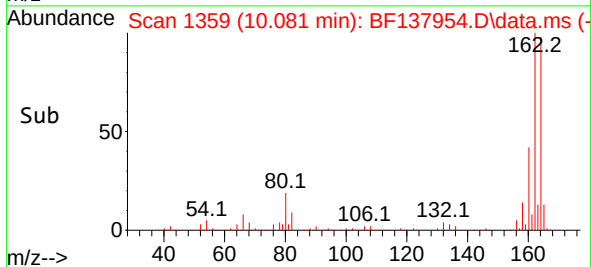
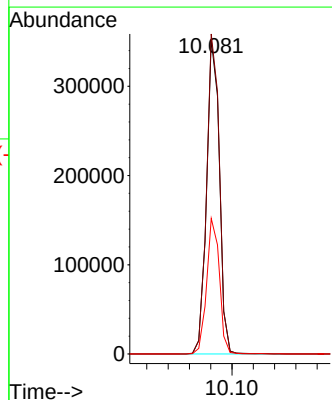
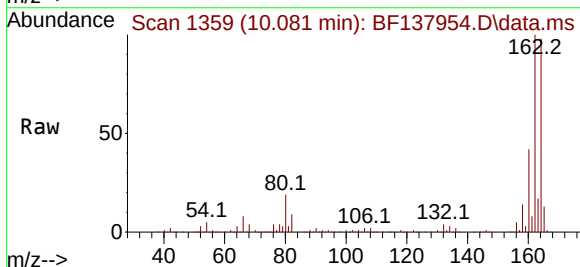
Tgt Ion:164 Resp: 295495

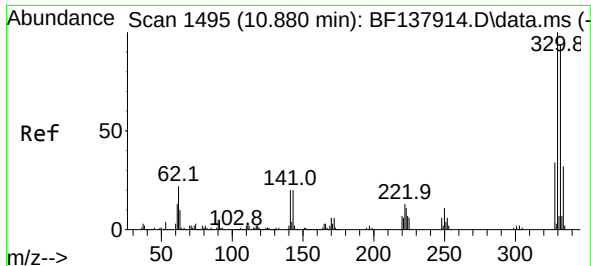
Ion Ratio Lower Upper

164 100

162 101.8 79.4 119.2

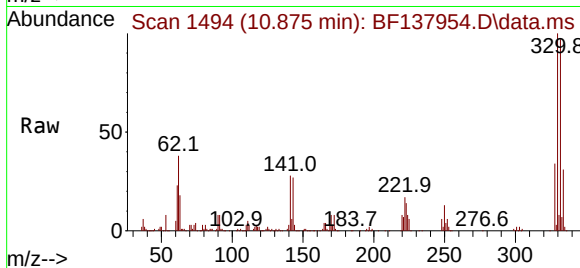
160 43.1 33.1 49.7



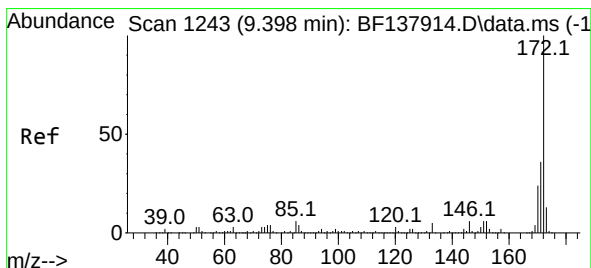
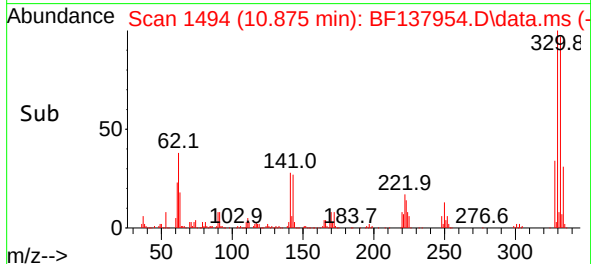
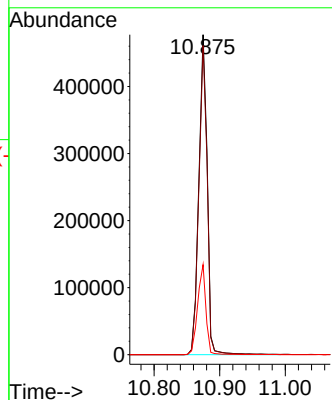


#42
2,4,6-Tribromophenol
Concen: 143.036 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137954.D
Acq: 20 May 2024 12:01

Instrument :
BNA_F
ClientSampleId :
WCS-TPL

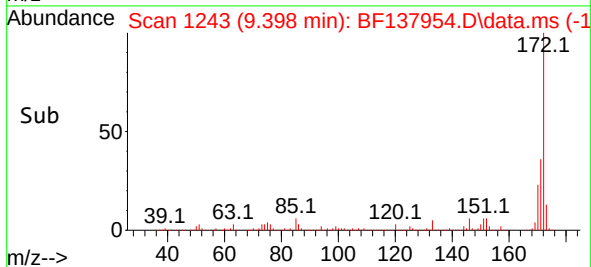
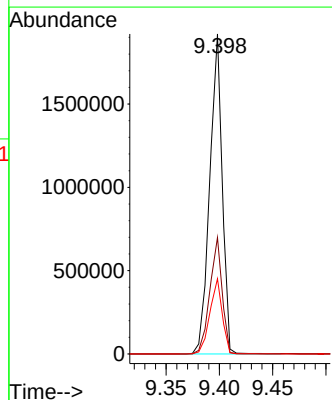
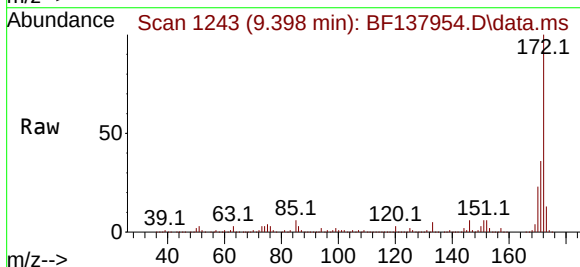


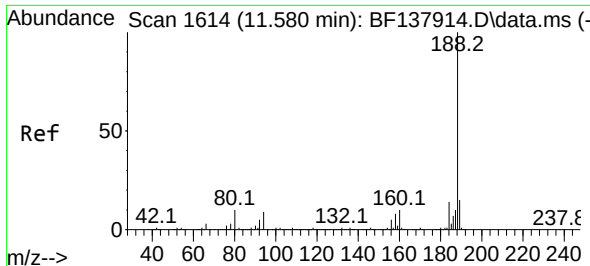
Tgt Ion:330 Resp: 426173
Ion Ratio Lower Upper
330 100
332 96.1 75.8 113.8
141 27.9 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 82.078 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF137954.D
Acq: 20 May 2024 12:01

Tgt Ion:172 Resp: 1574512
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 23.5 18.9 28.3

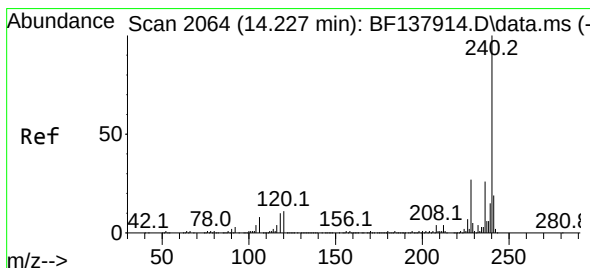
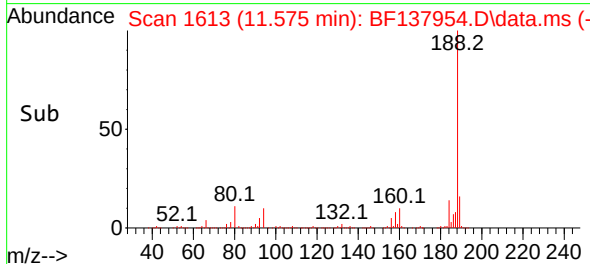
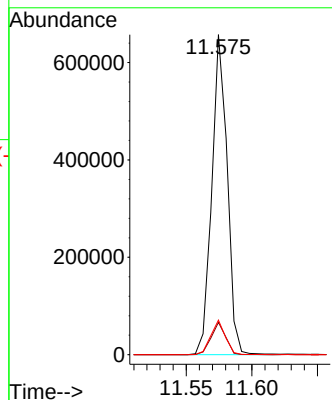
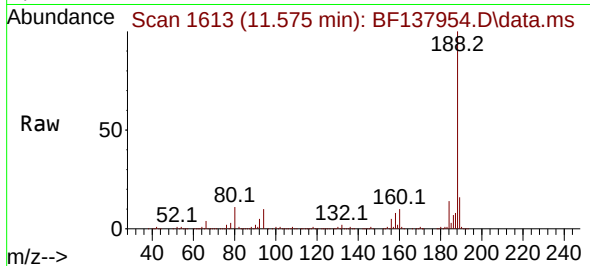




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137954.D
Acq: 20 May 2024 12:01

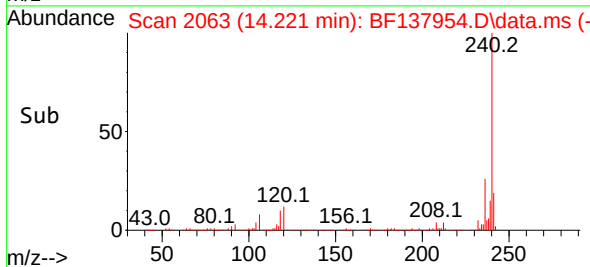
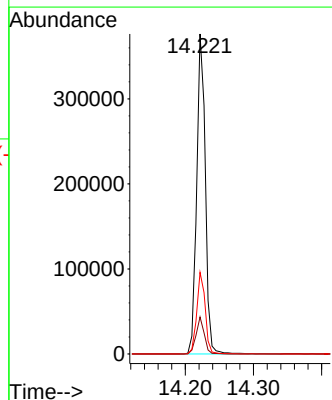
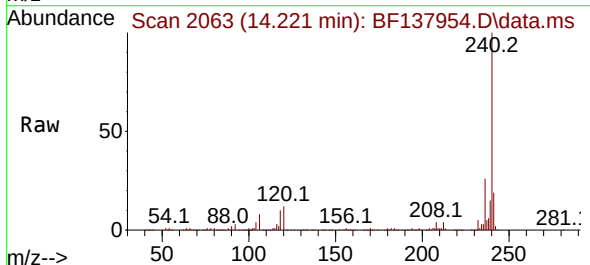
Instrument :
BNA_F
ClientSampleId :
WCS-TPL

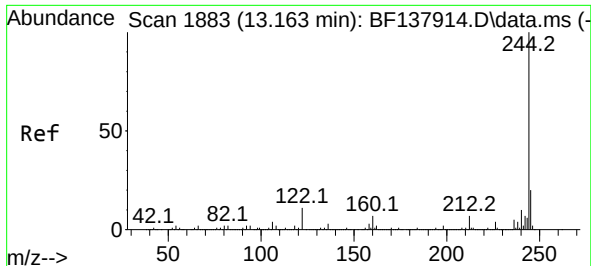
Tgt Ion:188 Resp: 537125
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.4
80 10.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137954.D
Acq: 20 May 2024 12:01

Tgt Ion:240 Resp: 328132
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 25.5 21.0 31.4

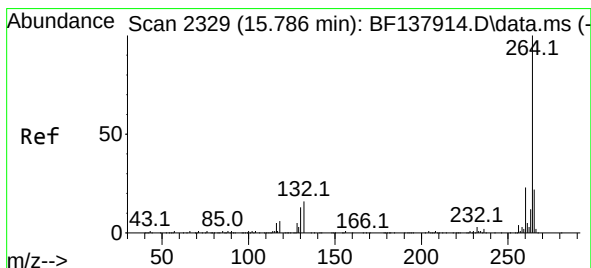
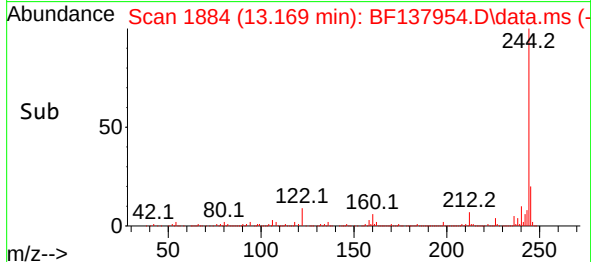
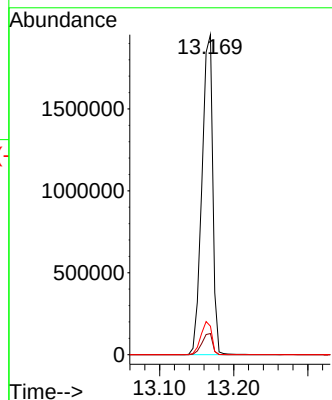
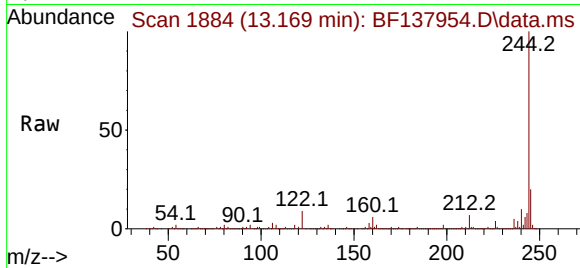




#79
 Terphenyl-d14
 Concen: 88.554 ng
 RT: 13.169 min Scan# 1883
 Delta R.T. 0.006 min
 Lab File: BF137954.D
 Acq: 20 May 2024 12:01

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPL

Tgt Ion:244 Resp: 1971587
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 8.9 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: BF137954.D
 Acq: 20 May 2024 12:01

Tgt Ion:264 Resp: 290984
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.3 27.5
 265 21.0 17.6 26.4

