

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137940.D
 Acq On : 17 May 2024 19:17
 Operator : CG\JU
 Sample : P2480-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-JJ

Quant Time: May 17 22:53:40 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	122660	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	475073	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	271015	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	486956	20.000	ng	0.00
76) Chrysene-d12	14.221	240	285272	20.000	ng	0.00
86) Perylene-d12	15.786	264	311082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	838917	116.177	ng	0.01
7) Phenol-d6	6.657	99	941844	105.883	ng	0.00
23) Nitrobenzene-d5	7.604	82	681890	84.470	ng	0.00
42) 2,4,6-Tribromophenol	10.875	330	376666	137.840	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1447587	82.278	ng	0.00
79) Terphenyl-d14	13.163	244	1703091	87.987	ng	0.00

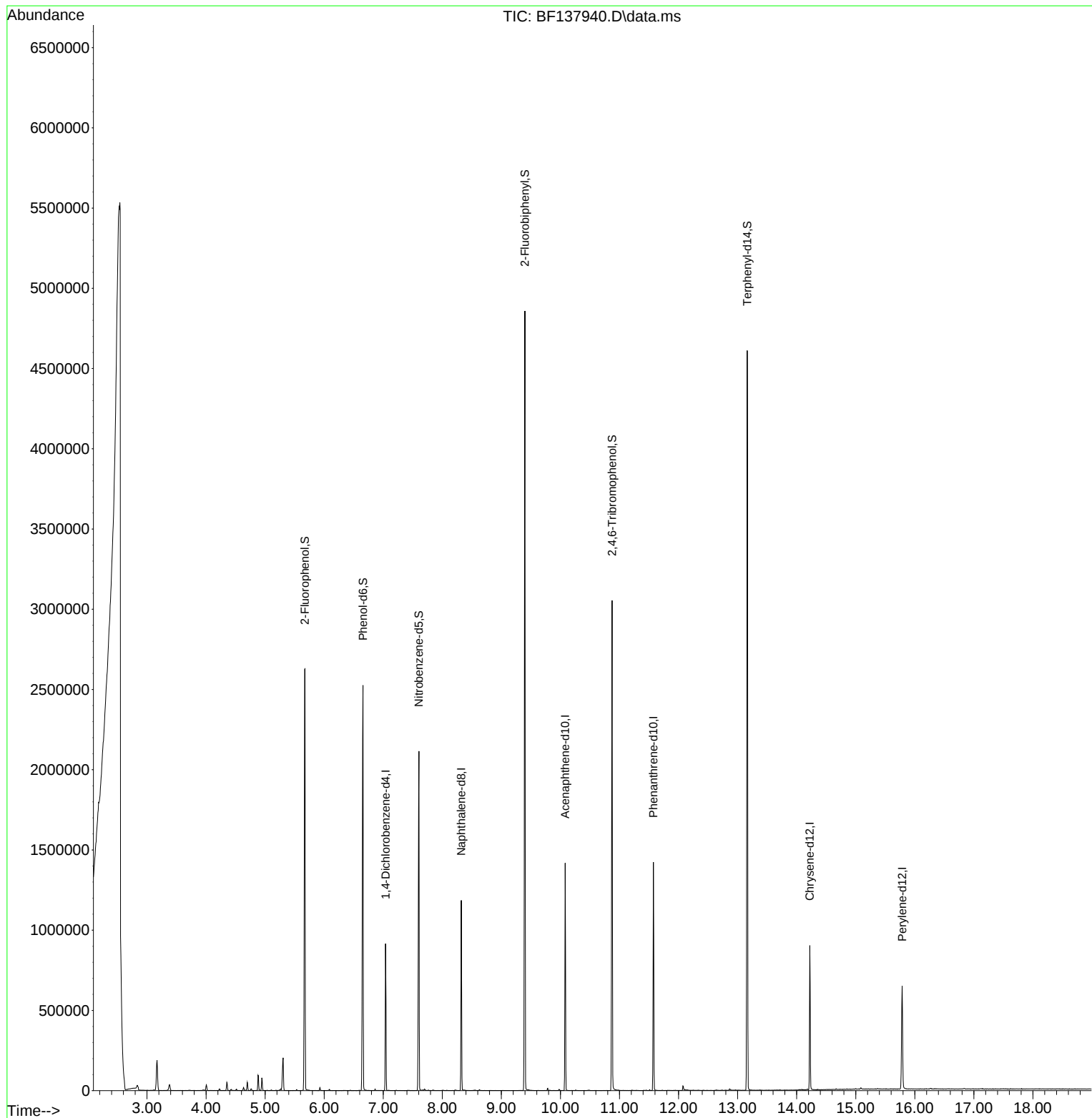
Target Compounds	Qvalue

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

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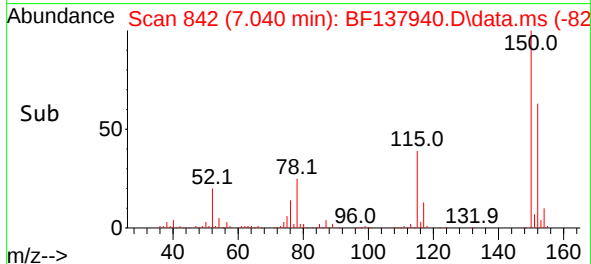
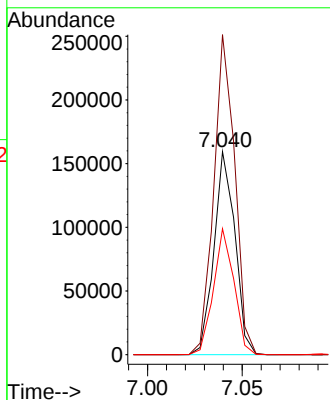
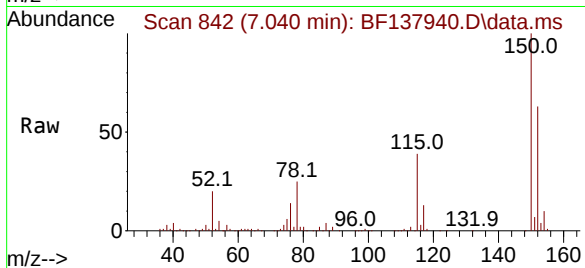




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

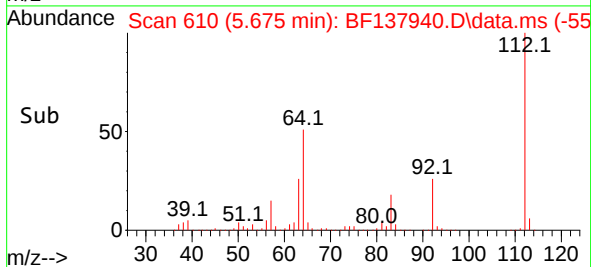
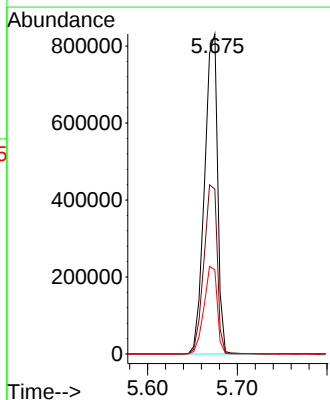
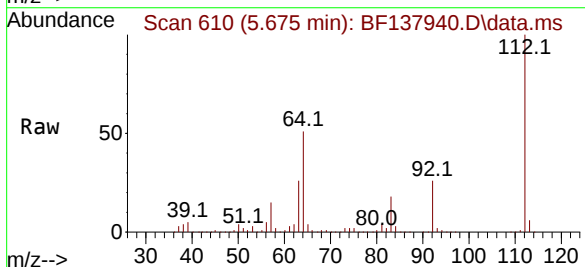
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJ

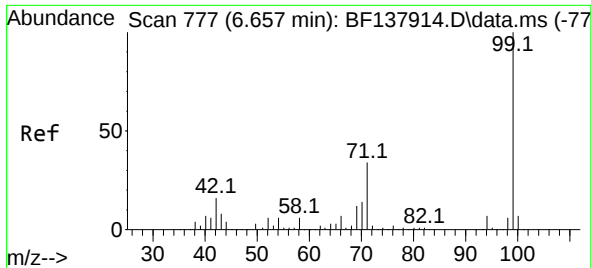
Tgt Ion:152 Resp: 122660
Ion Ratio Lower Upper
152 100
150 157.5 125.7 188.5
115 62.0 47.0 70.6



#5
2-Fluorophenol
Concen: 116.177 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

Tgt Ion:112 Resp: 838917
Ion Ratio Lower Upper
112 100
64 51.5 42.4 63.6
63 26.3 21.4 32.2

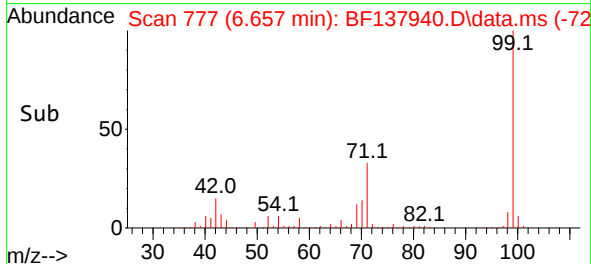
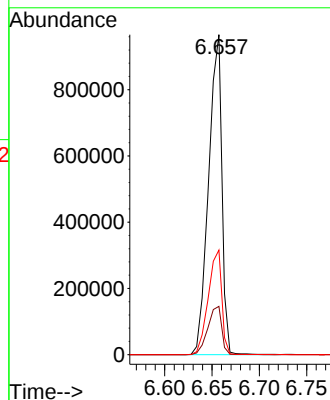
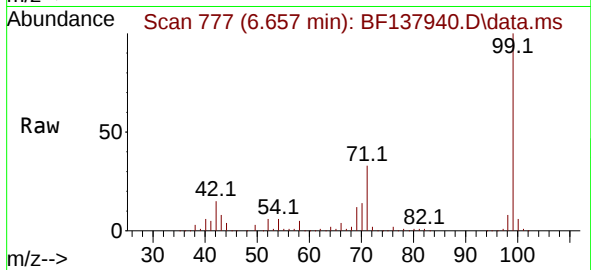




#7
Phenol-d6
Concen: 105.883 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

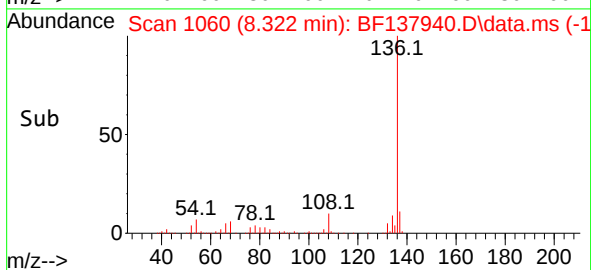
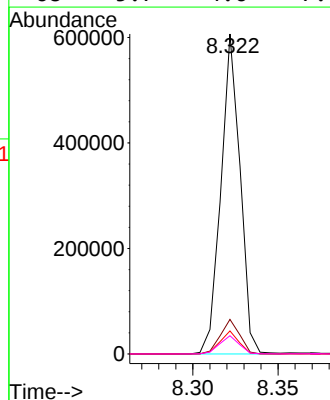
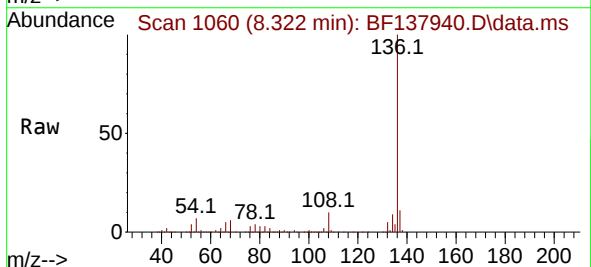
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJ

Tgt Ion: 99 Resp: 941844
Ion Ratio Lower Upper
99 100
42 15.1 12.6 18.8
71 32.7 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: BF137940.D
Acq: 17 May 2024 19:17

Tgt Ion: 136 Resp: 475073
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.2 5.4 8.2
68 5.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 84.470 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137940.D

Acq: 17 May 2024 19:17

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJ

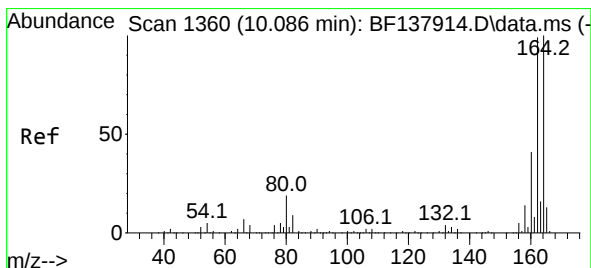
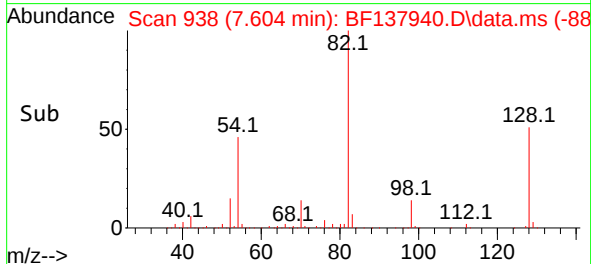
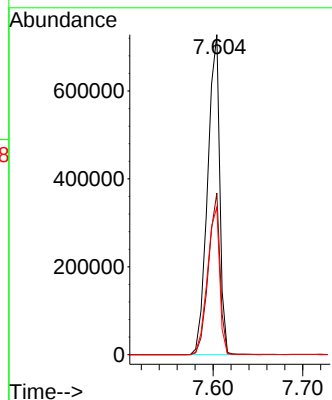
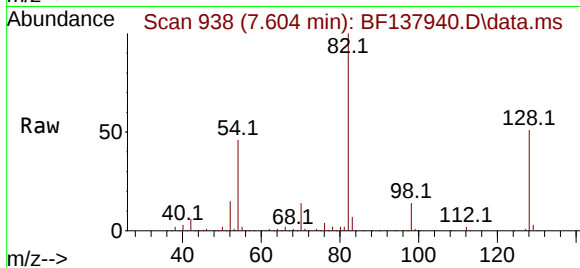
Tgt Ion: 82 Resp: 681890

Ion Ratio Lower Upper

82 100

128 50.5 40.3 60.5

54 46.1 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: BF137940.D

Acq: 17 May 2024 19:17

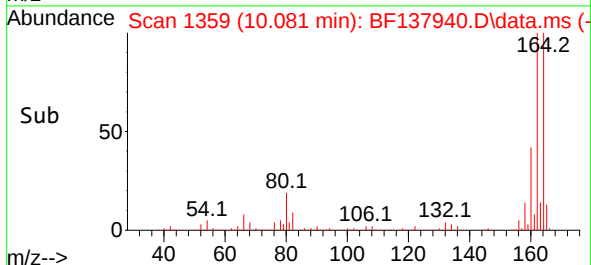
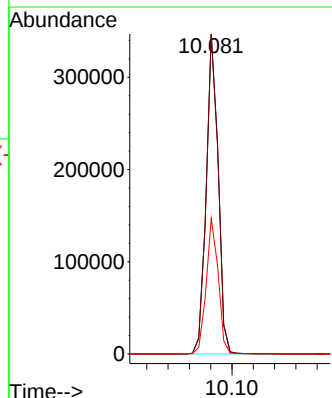
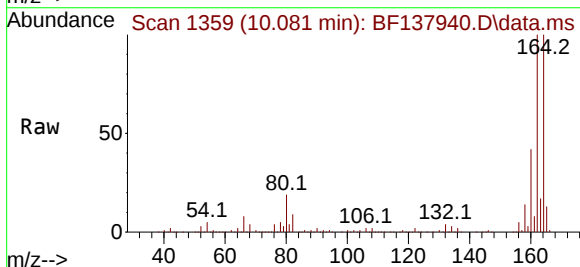
Tgt Ion:164 Resp: 271015

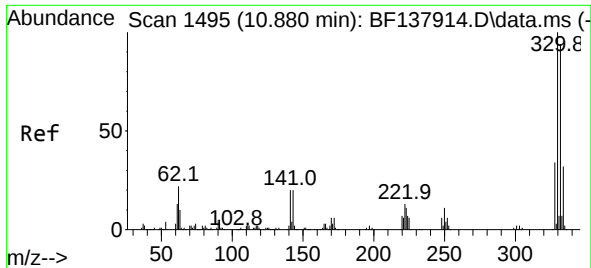
Ion Ratio Lower Upper

164 100

162 100.1 79.4 119.2

160 42.4 33.1 49.7

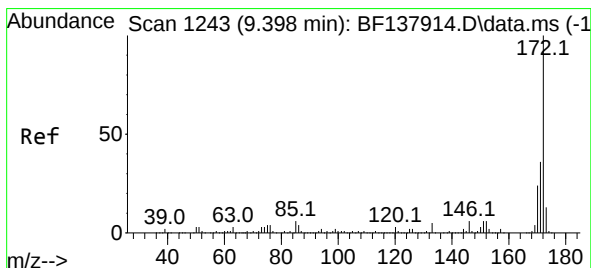
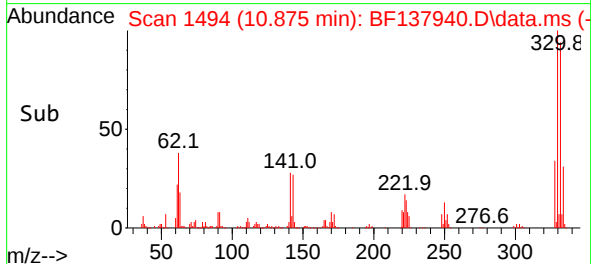
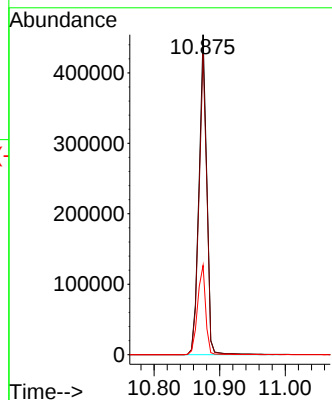
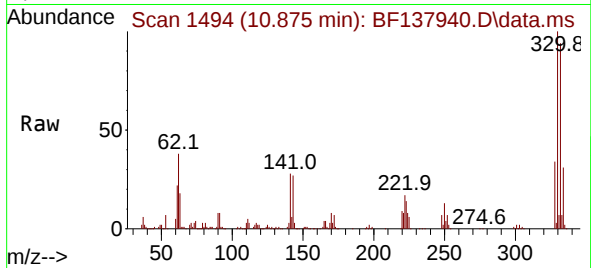




#42
2,4,6-Tribromophenol
Concen: 137.840 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

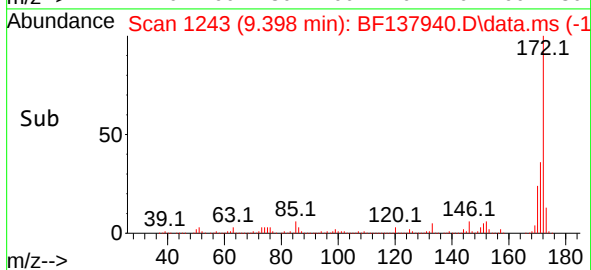
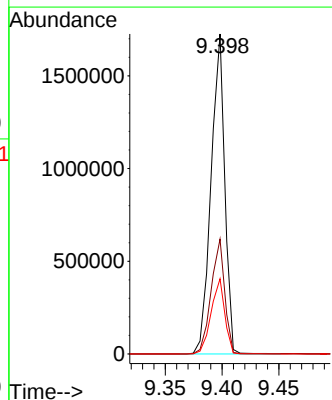
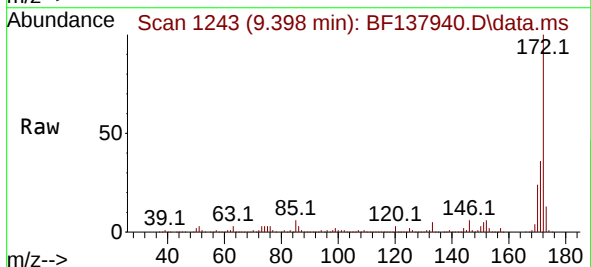
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJ

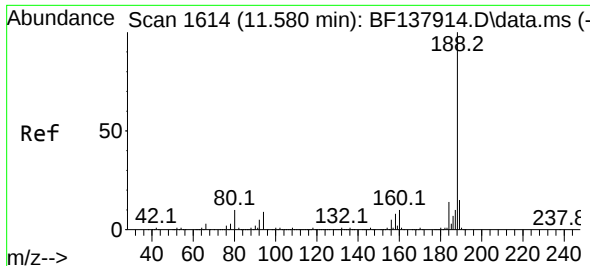
Tgt Ion:330 Resp: 376666
Ion Ratio Lower Upper
330 100
332 94.5 75.8 113.8
141 29.0 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 82.278 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

Tgt Ion:172 Resp: 1447587
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 23.5 18.9 28.3

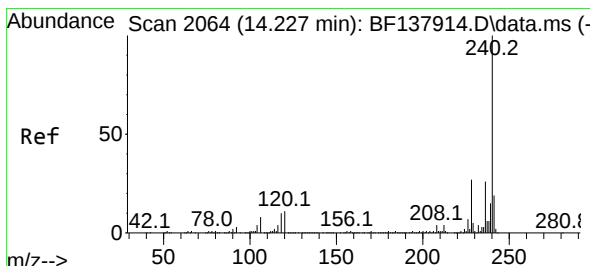
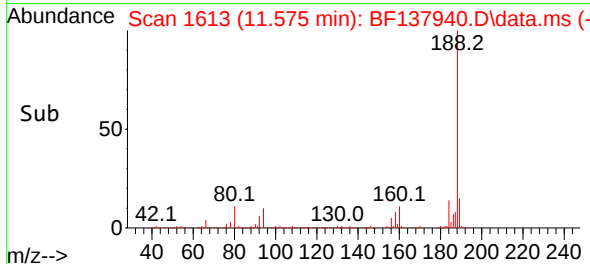
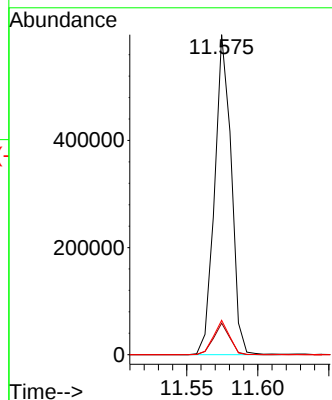
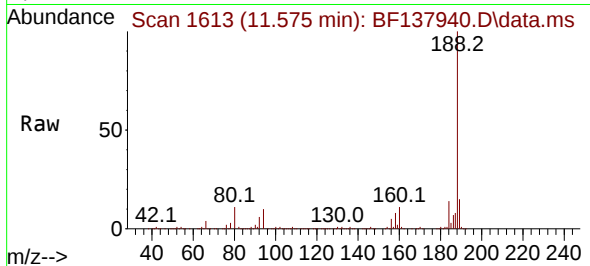




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

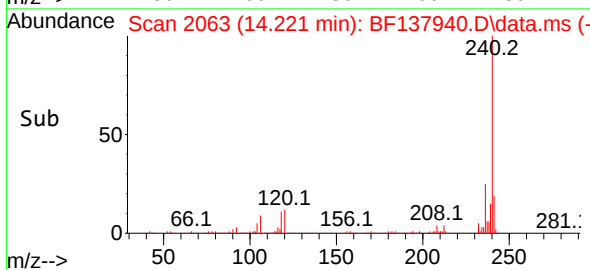
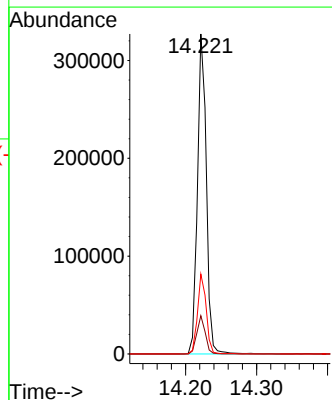
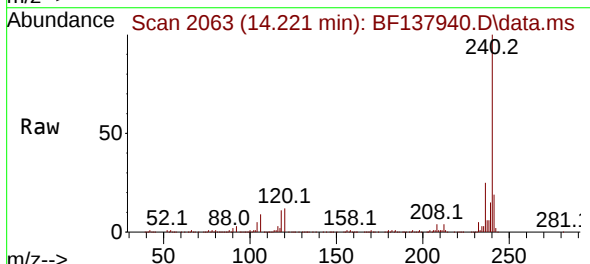
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJ

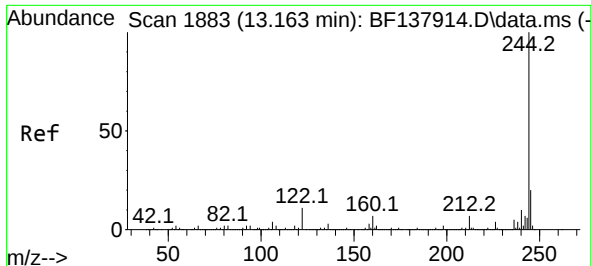
Tgt Ion:188 Resp: 486956
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.4
80 10.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137940.D
Acq: 17 May 2024 19:17

Tgt Ion:240 Resp: 285272
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.0 21.0 31.4

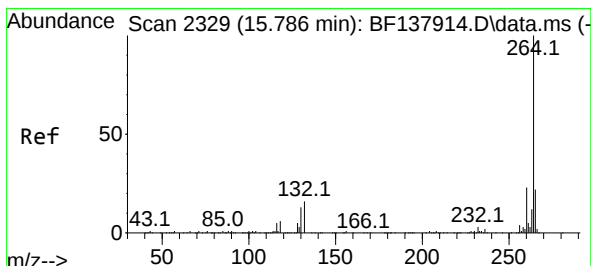
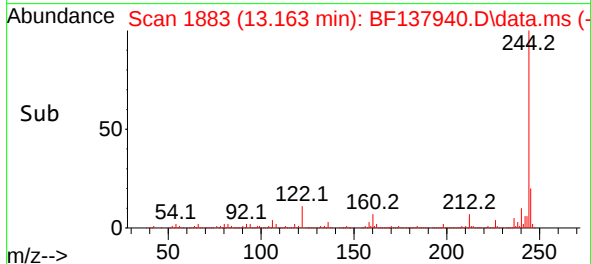
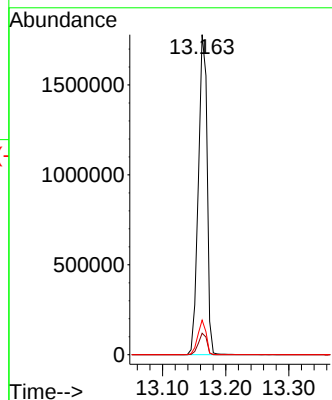
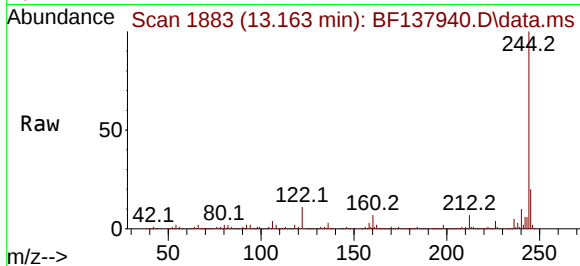




#79
 Terphenyl-d14
 Concen: 87.987 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: BF137940.D
 Acq: 17 May 2024 19:17

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-JJ

Tgt Ion:244 Resp: 1703091
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.8 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: BF137940.D
 Acq: 17 May 2024 19:17

Tgt Ion:264 Resp: 311082
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.3 27.5
 265 21.8 17.6 26.4

