

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
 Data File : BF137956.D
 Acq On : 20 May 2024 13:00
 Operator : CG\JU
 Sample : P2512-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPI

Quant Time: May 20 13:50:06 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	140576	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	546069	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	324074	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	568658	20.000	ng	0.00
76) Chrysene-d12	14.227	240	350290	20.000	ng	0.00
86) Perylene-d12	15.786	264	351187	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	946156	114.328	ng	0.01
7) Phenol-d6	6.657	99	1069953	104.955	ng	0.00
23) Nitrobenzene-d5	7.604	82	772380	83.240	ng	0.00
42) 2,4,6-Tribromophenol	10.875	330	453962	138.927	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1700993	80.852	ng	0.00
79) Terphenyl-d14	13.169	244	2057157	86.552	ng	0.00

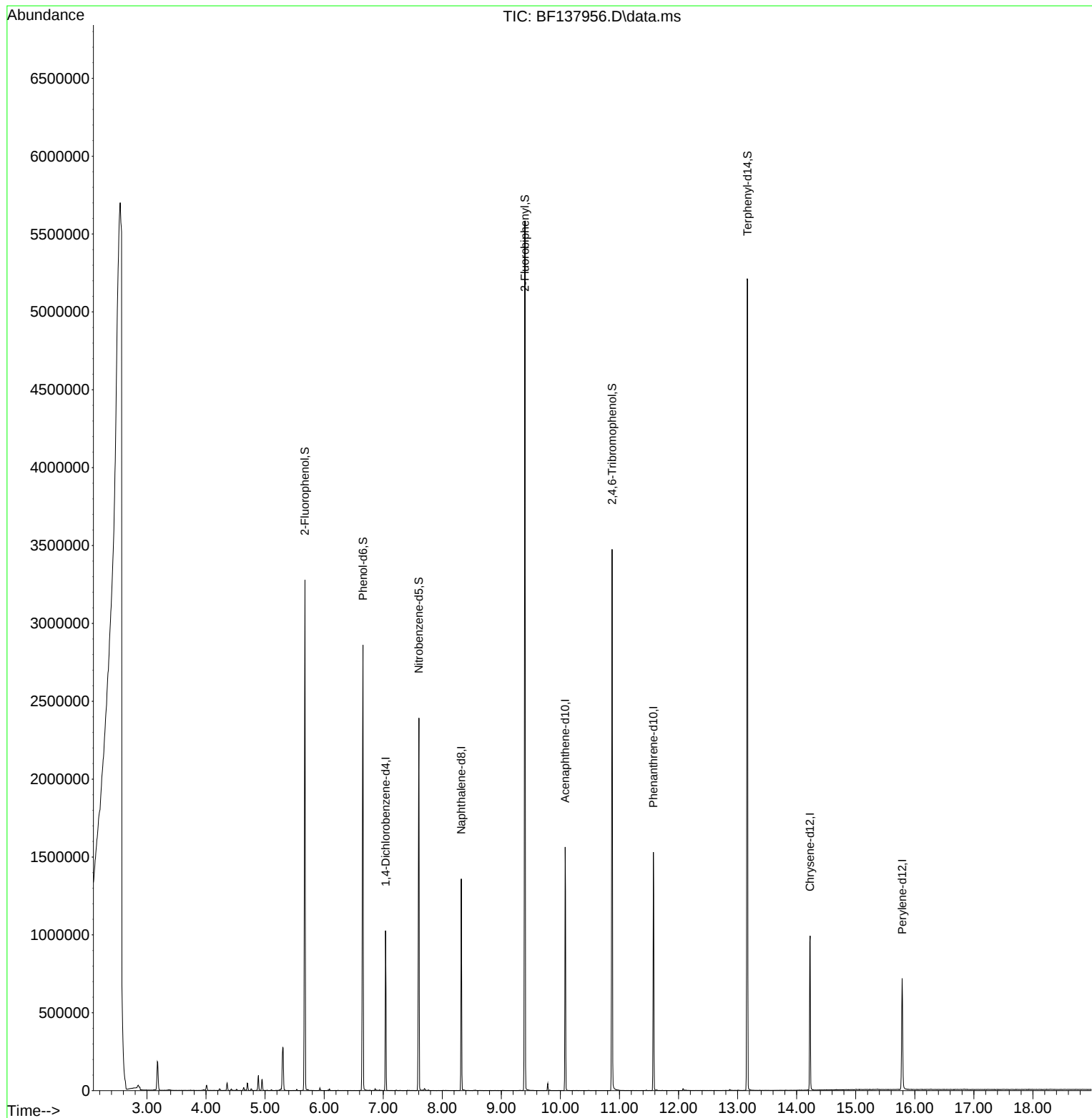
Target Compounds	Qvalue

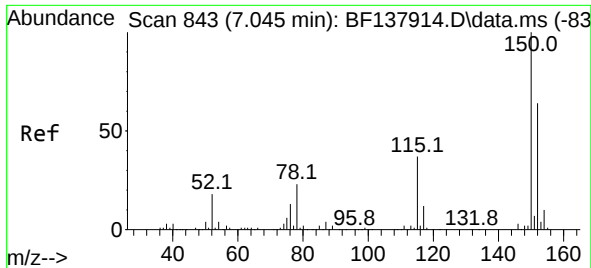
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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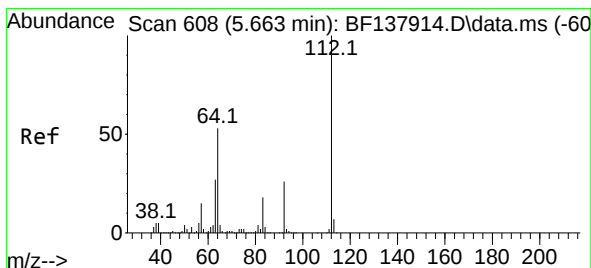
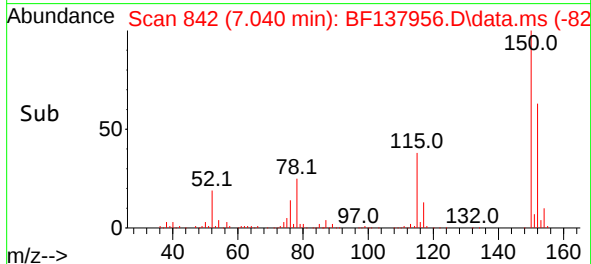
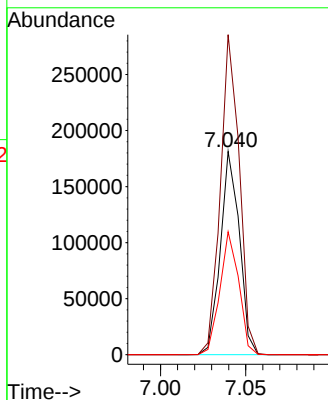
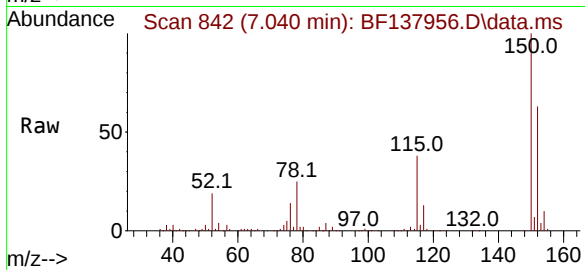




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF137956.D
Acq: 20 May 2024 13:00

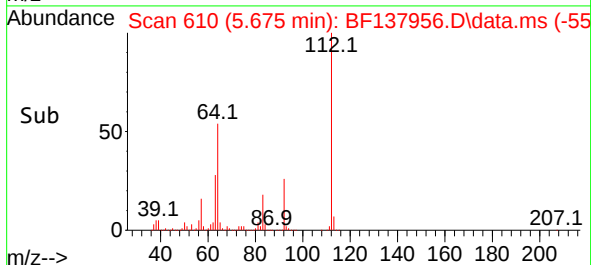
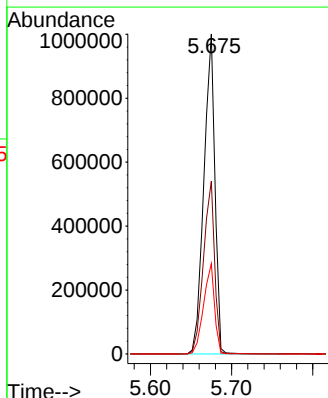
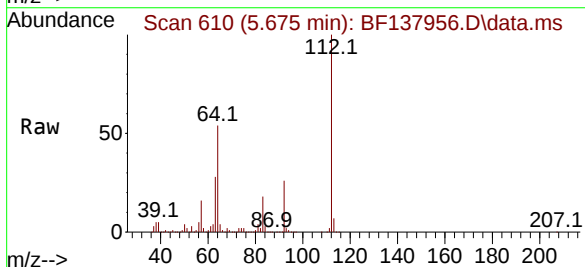
Instrument :
BNA_F
ClientSampleId :
WCS-TPI

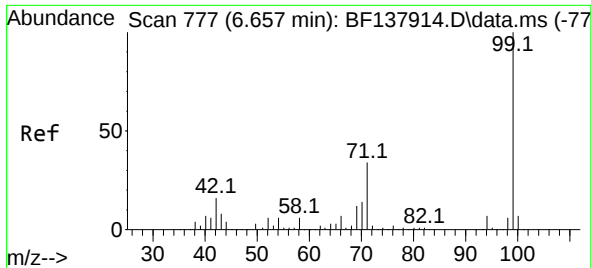
Tgt Ion:152 Resp: 140576
Ion Ratio Lower Upper
152 100
150 157.5 125.7 188.5
115 60.5 47.0 70.6



#5
2-Fluorophenol
Concen: 114.328 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137956.D
Acq: 20 May 2024 13:00

Tgt Ion:112 Resp: 946156
Ion Ratio Lower Upper
112 100
64 54.0 42.4 63.6
63 28.2 21.4 32.2



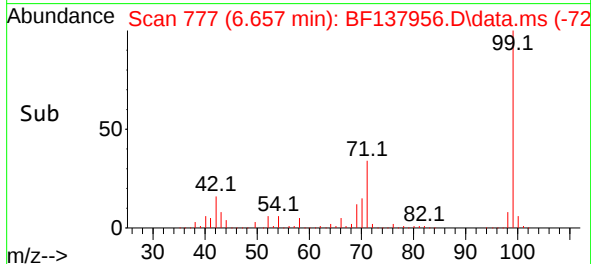
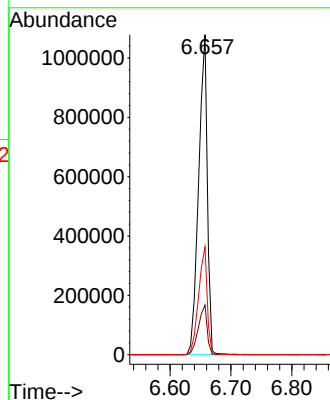
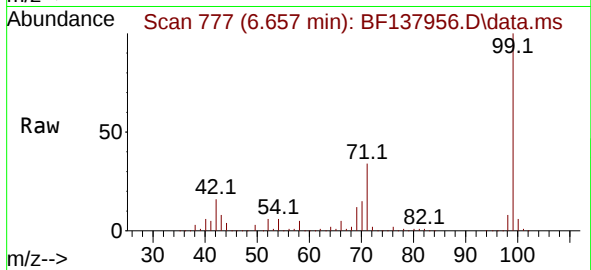


#7
Phenol-d6
Concen: 104.955 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137956.D
Acq: 20 May 2024 13:00

Instrument :
BNA_F
ClientSampleId :
WCS-TPI

Tgt Ion: 99 Resp: 1069953

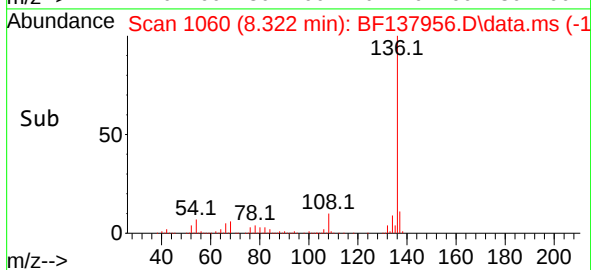
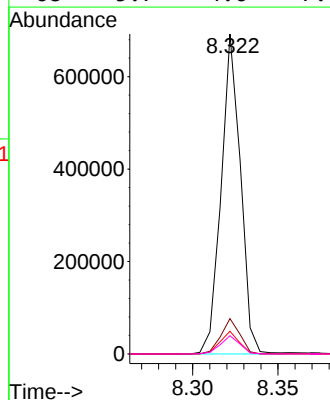
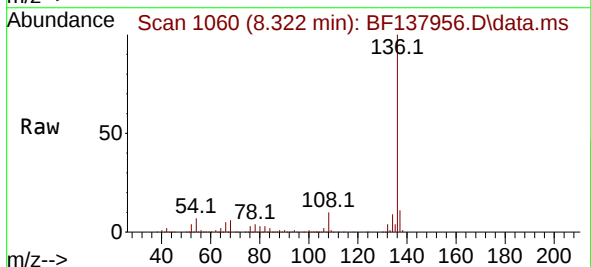
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.6	18.8
71	33.7	27.1	40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137956.D
Acq: 20 May 2024 13:00

Tgt Ion: 136 Resp: 546069

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.1	5.4	8.2
68	5.7	4.6	7.0

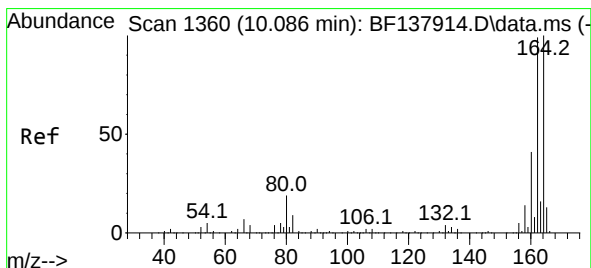
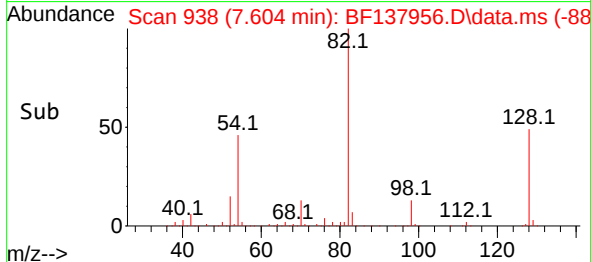
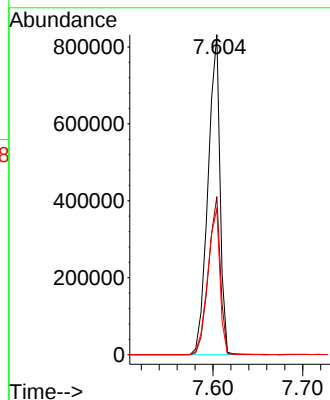
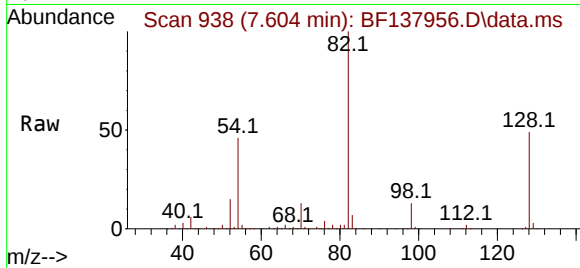




#23
Nitrobenzene-d5
Concen: 83.240 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137956.D
Acq: 20 May 2024 13:00

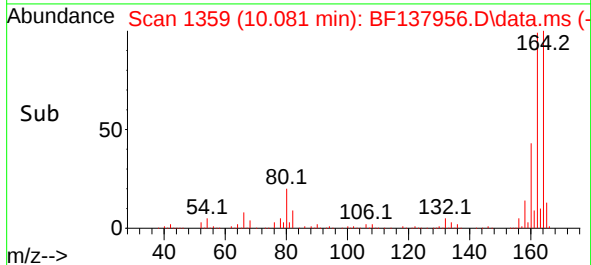
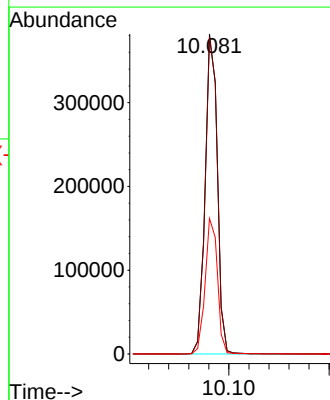
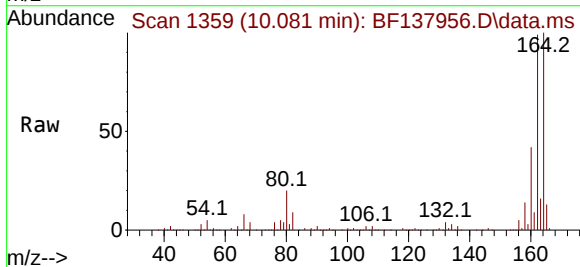
Instrument :
BNA_F
ClientSampleId :
WCS-TPI

Tgt Ion: 82 Resp: 772380
Ion Ratio Lower Upper
82 100
128 49.4 40.3 60.5
54 45.6 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: BF137956.D
Acq: 20 May 2024 13:00

Tgt Ion:164 Resp: 324074
Ion Ratio Lower Upper
164 100
162 98.9 79.4 119.2
160 42.4 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 138.927 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137956.D

Acq: 20 May 2024 13:00

Instrument :

BNA_F

ClientSampleId :

WCS-TPI

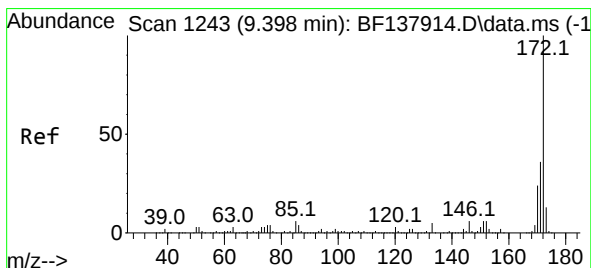
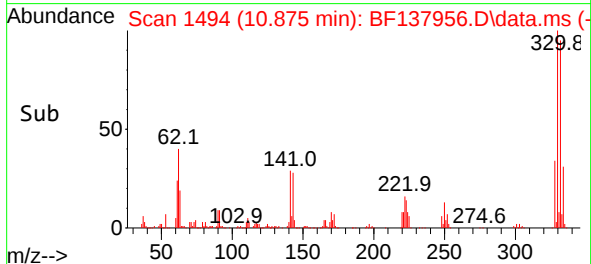
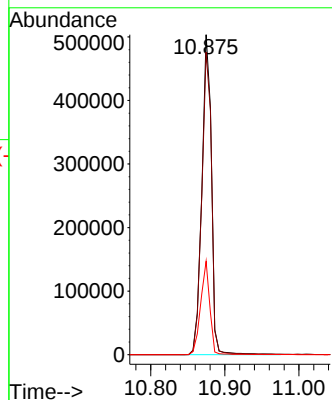
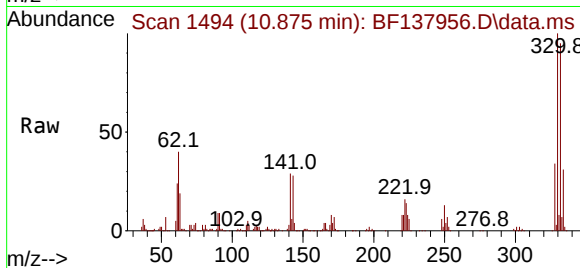
Tgt Ion:330 Resp: 453962

Ion Ratio Lower Upper

330 100

332 96.5 75.8 113.8

141 27.7 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 80.852 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF137956.D

Acq: 20 May 2024 13:00

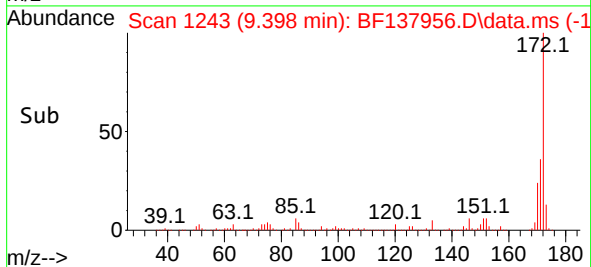
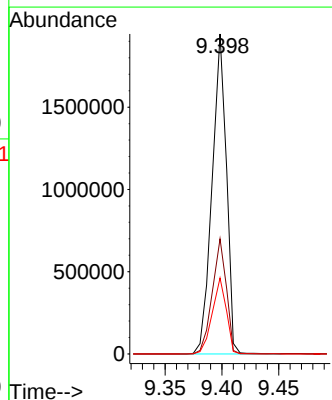
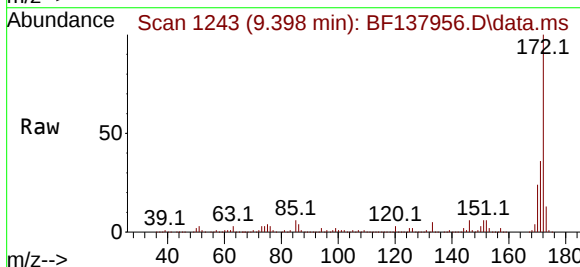
Tgt Ion:172 Resp: 1700993

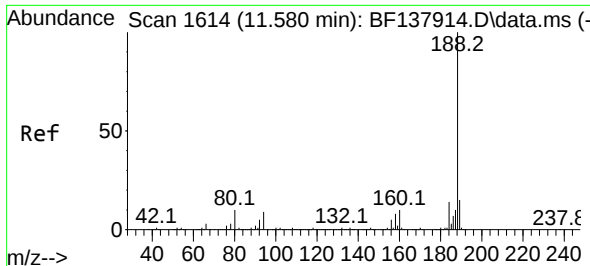
Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

170 23.8 18.9 28.3

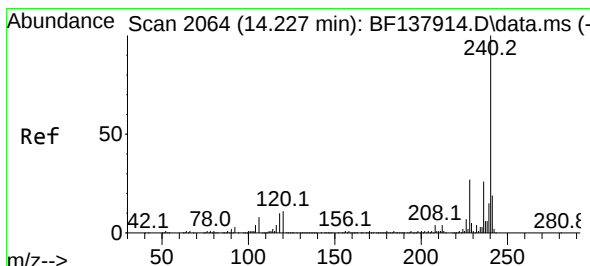
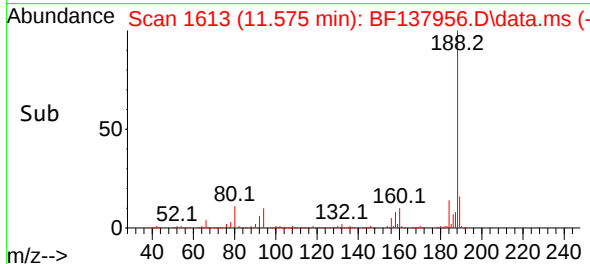
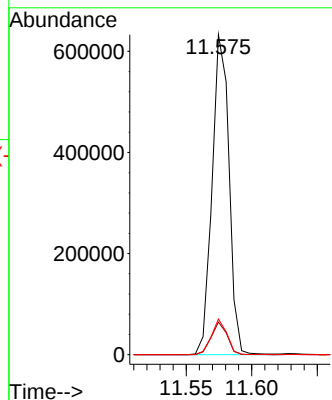
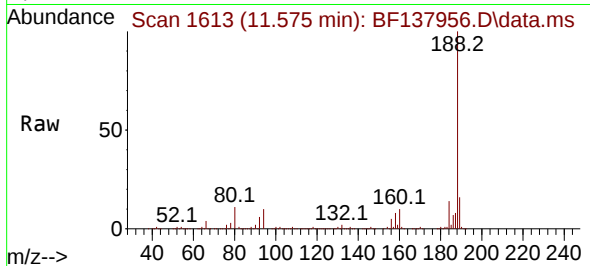




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137956.D
Acq: 20 May 2024 13:00

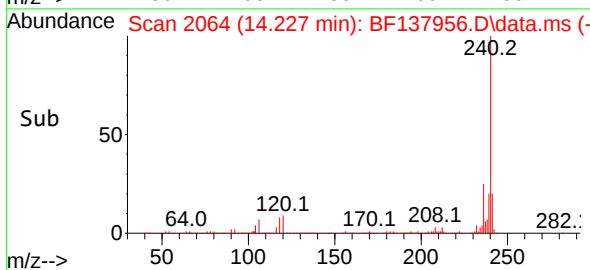
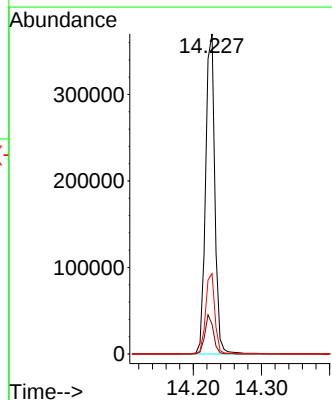
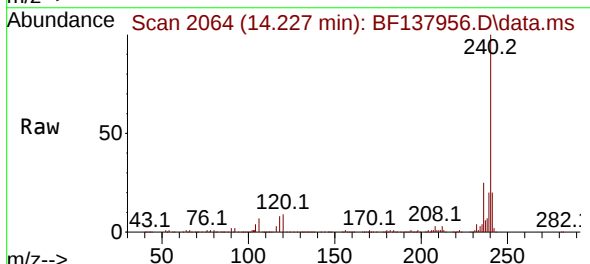
Instrument :
BNA_F
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WCS-TPI

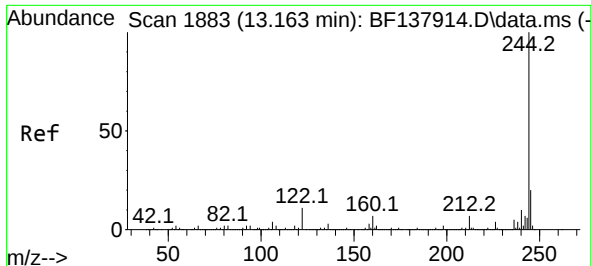
Tgt Ion:188 Resp: 568658
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.4
80 11.1 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF137956.D
Acq: 20 May 2024 13:00

Tgt Ion:240 Resp: 350290
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 25.1 21.0 31.4

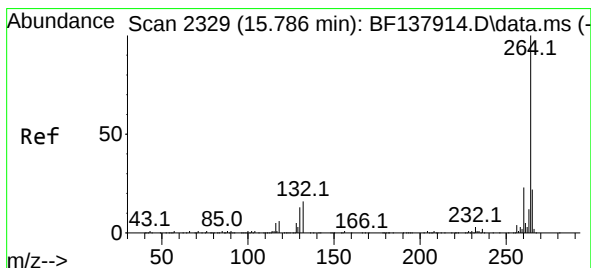
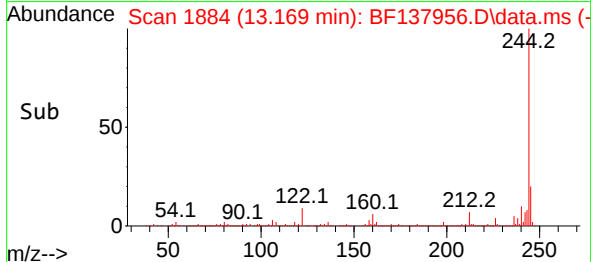
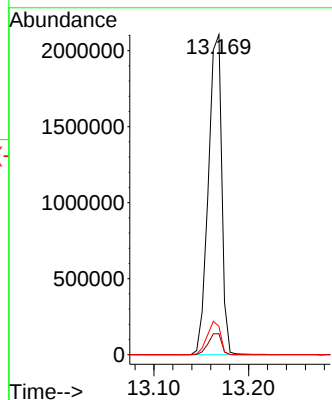
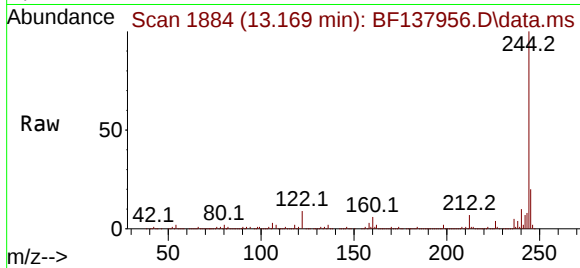




#79
 Terphenyl-d14
 Concen: 86.552 ng
 RT: 13.169 min Scan# 1883
 Delta R.T. 0.006 min
 Lab File: BF137956.D
 Acq: 20 May 2024 13:00

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2057157
 Ion Ratio Lower Upper
 244 100
 212 6.5 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: BF137956.D
 Acq: 20 May 2024 13:00

Tgt Ion:264 Resp: 351187
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.3 27.5
 265 21.9 17.6 26.4

