

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)

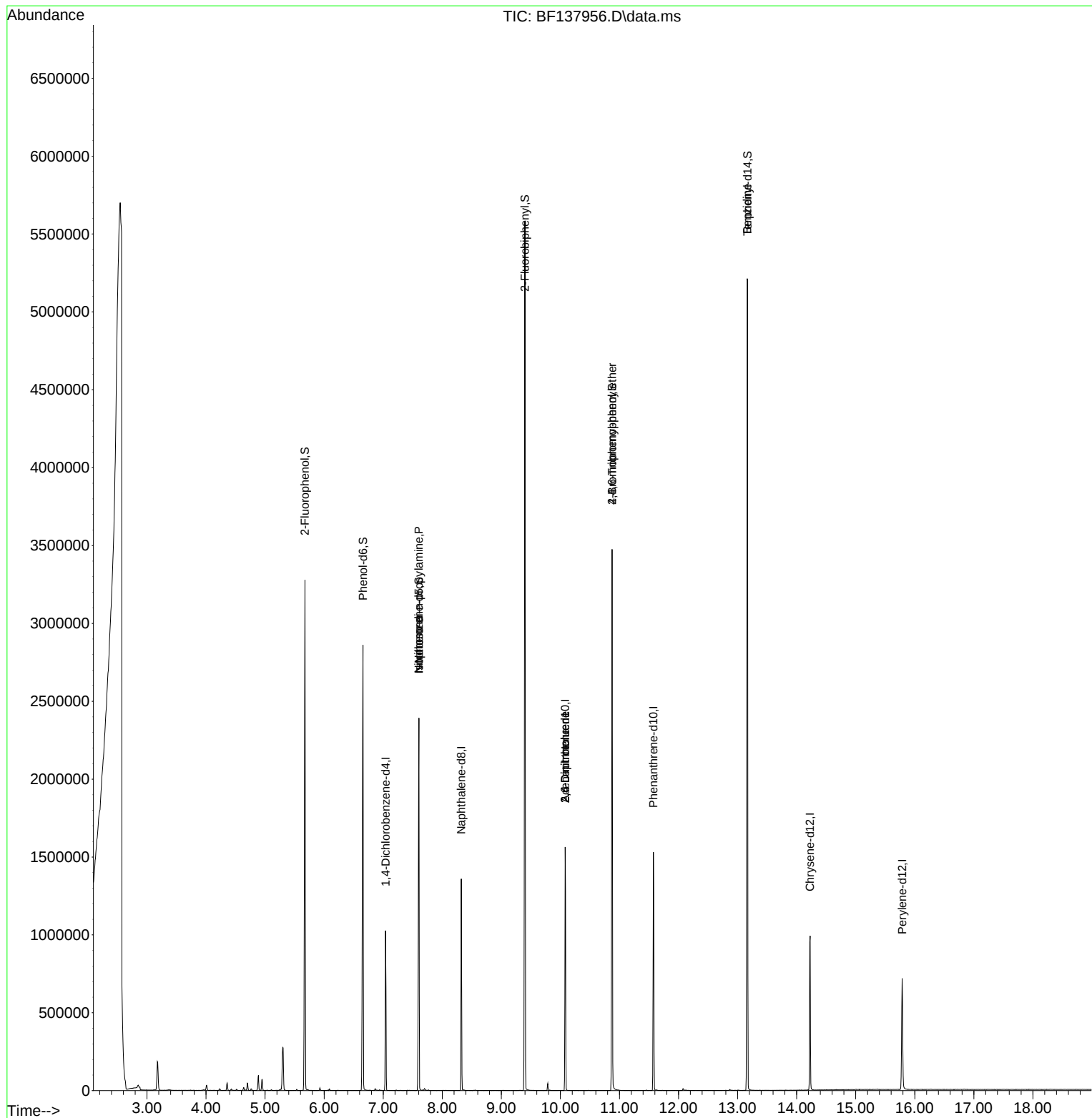
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	140576	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	546069	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	324074	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	568658	20.000	ng	0.00
76) Chrysene-d12	14.227	240	350290	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.604	70	101410	17.706	ng	# 75
25) Isophorone	7.604	82	772367	47.961	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	41294	8.853	ng	# 29
57) 2,4-Dinitrotoluene	10.081	165	41294	6.848	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	28268	4.534	ng	# 1
77) Benzidine	13.163	184	25926	5.663	ng	# 90

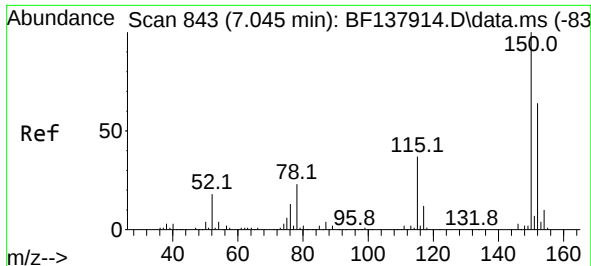
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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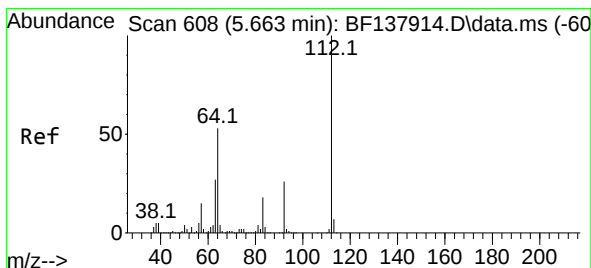
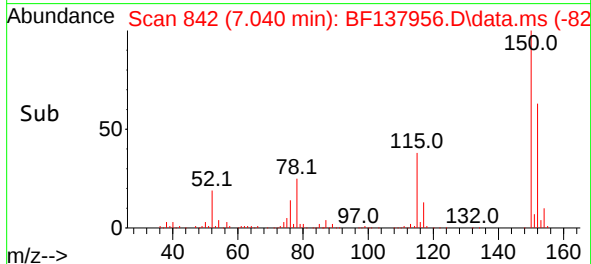
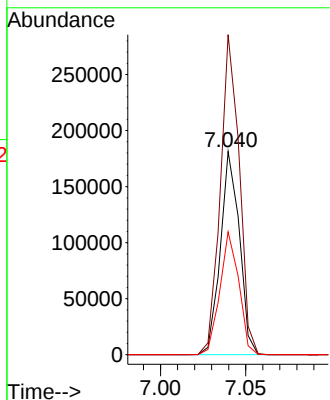
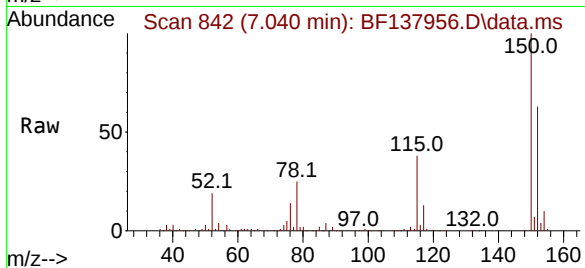




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.040 min Scan# 84
 Delta R.T. -0.005 min
 Lab File: BF137956.D
 Acq: 20 May 2024 13:00

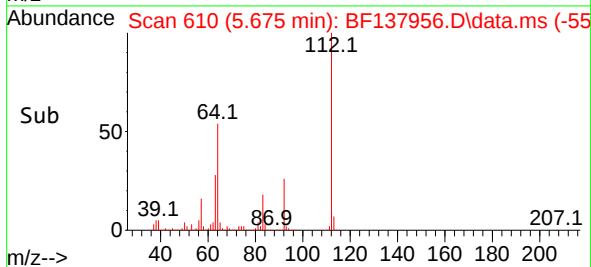
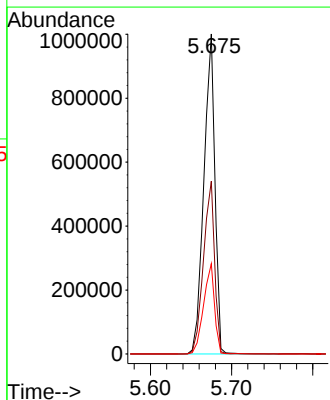
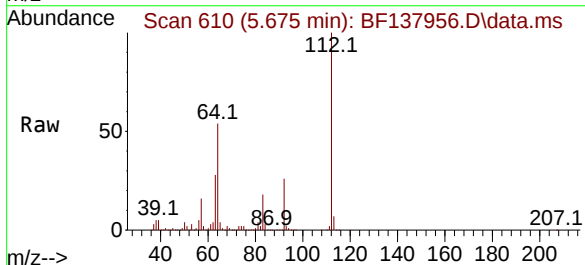
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPI

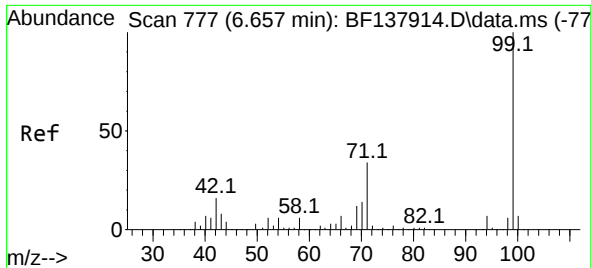
Tgt Ion:152 Resp: 140576
 Ion Ratio Lower Upper
 152 100
 150 157.5 125.7 188.5
 115 60.5 47.0 70.6



#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



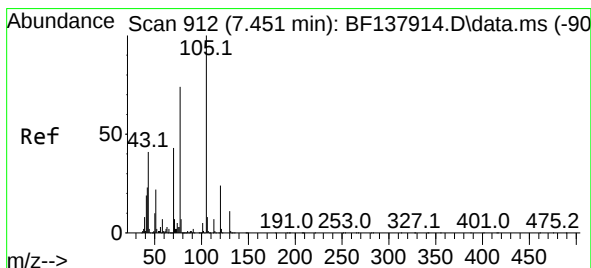
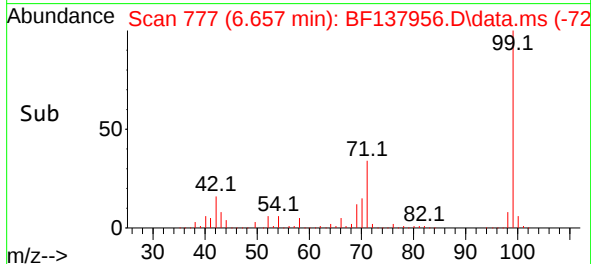
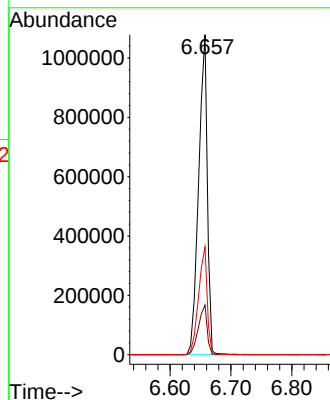
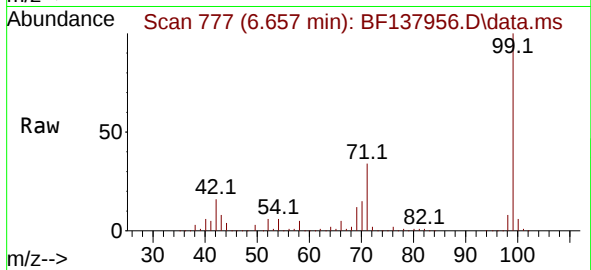


#7
Phenol-d6
Concen: 104.955 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137956.D
Acq: 20 May 2024 13:00

Instrument :
BNA_F
ClientSampleId :
WCS-TPI

Tgt Ion: 99 Resp: 1069953

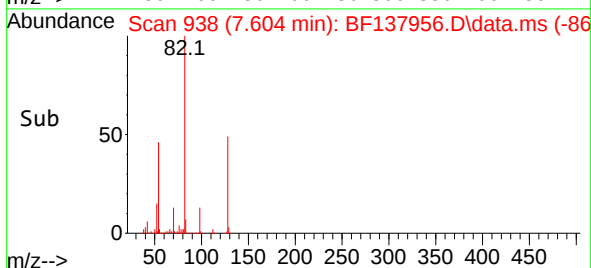
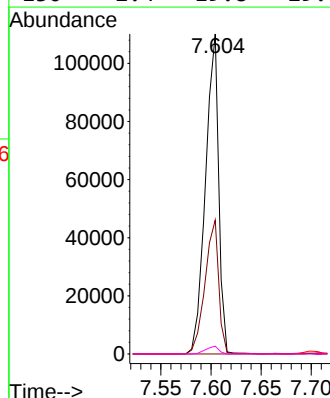
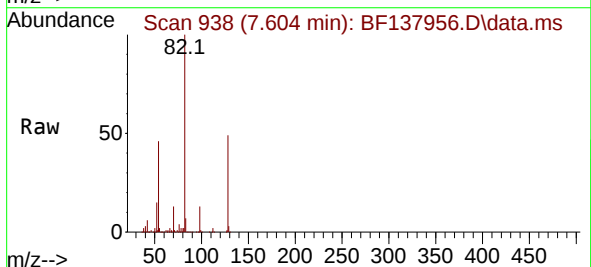
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.6	18.8
71	33.7	27.1	40.7

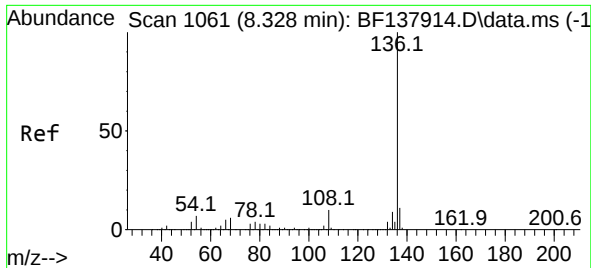


#19
n-Nitroso-di-n-propylamine
Concen: 17.706 ng
RT: 7.604 min Scan# 938
Delta R.T. 0.153 min
Lab File: BF137956.D
Acq: 20 May 2024 13:00

Tgt Ion: 70 Resp: 101410

Ion	Ratio	Lower	Upper
70	100		
42	41.8	42.2	63.4#
101	0.0	8.8	13.2#
130	2.4	19.8	29.8#



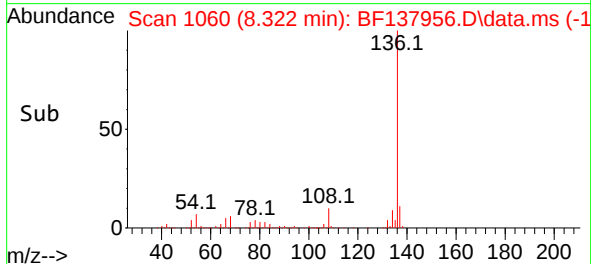
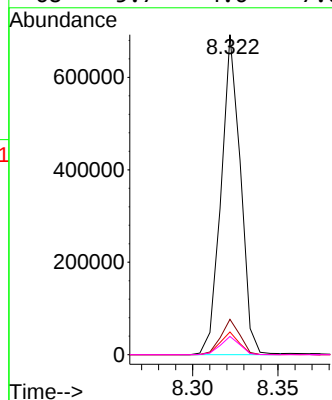
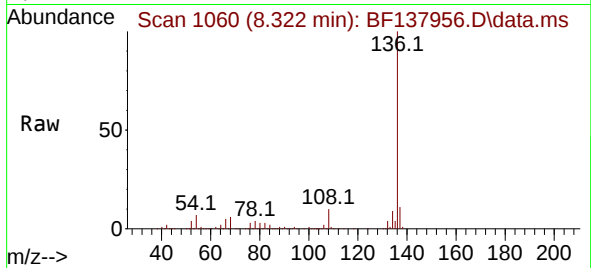


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137956.D
Acq: 20 May 2024 13:00

Instrument :
BNA_F
ClientSampleId :
WCS-TPI

Tgt Ion:136 Resp: 546069

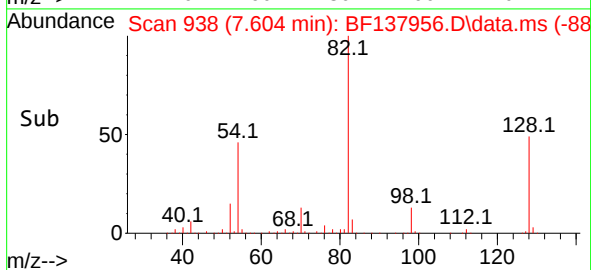
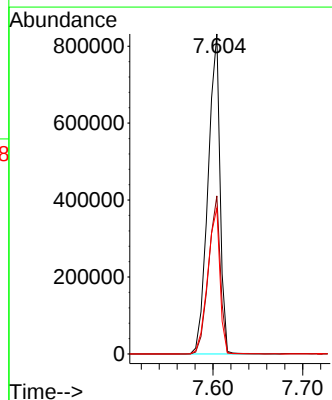
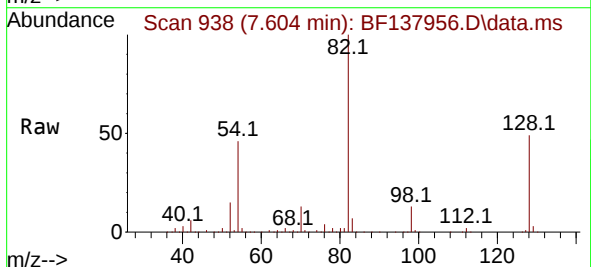
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.1	5.4	8.2
68	5.7	4.6	7.0



#23
Nitrobenzene-d5
Concen: 83.240 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF137956.D
Acq: 20 May 2024 13:00

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

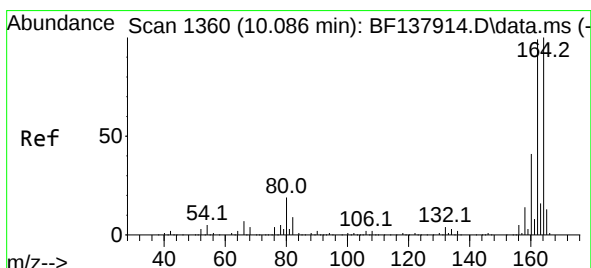
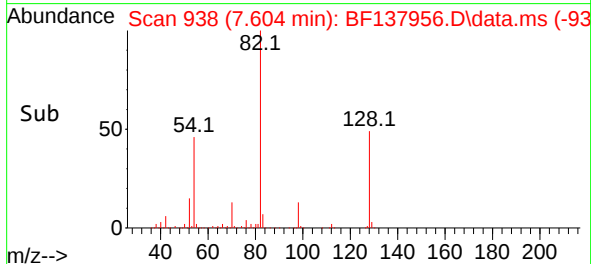
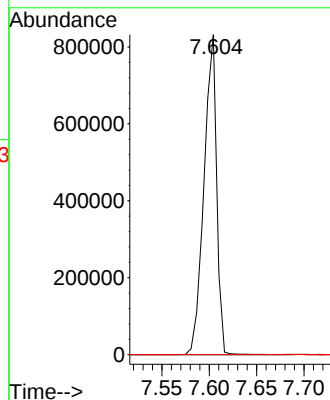
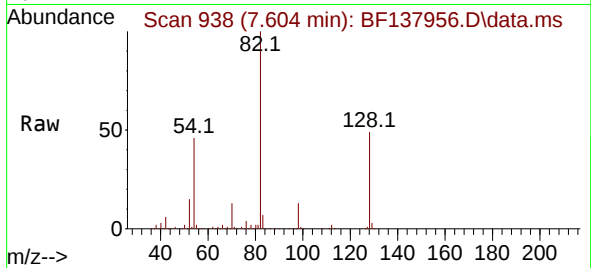




#25
Isophorone
Concen: 47.961 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.253 min
Lab File: BF137956.D
Acq: 20 May 2024 13:00

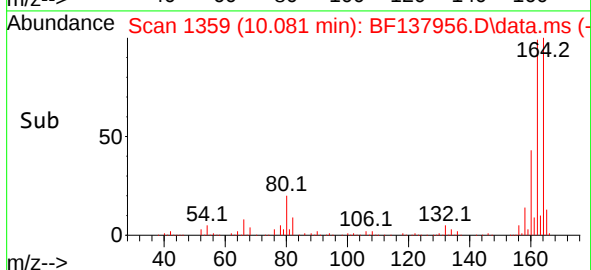
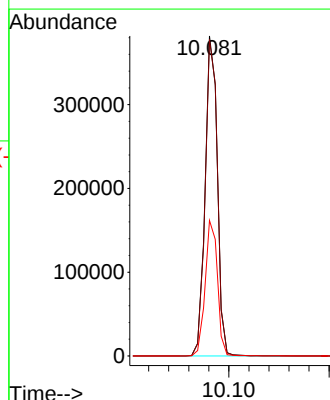
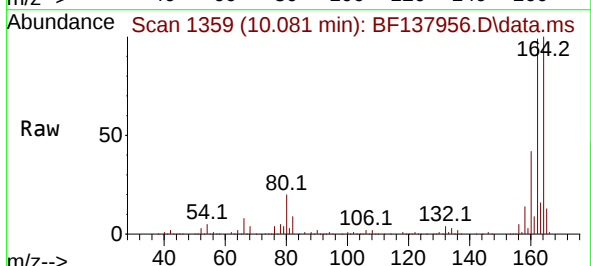
Instrument :
BNA_F
ClientSampleId :
WCS-TPI

Tgt Ion: 82 Resp: 772367
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#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

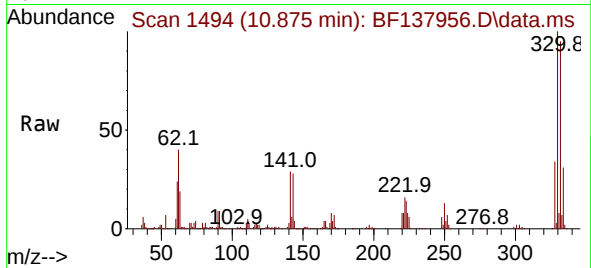
Tgt Ion:164 Resp: 324074
Ion Ratio Lower Upper
164 100
162 98.9 79.4 119.2
160 42.4 33.1 49.7





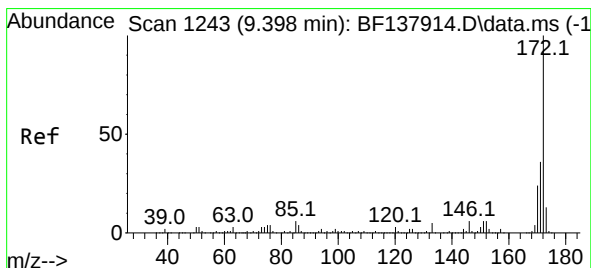
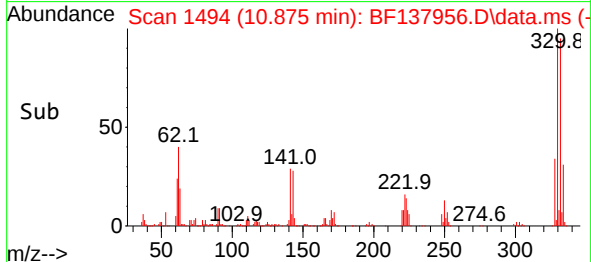
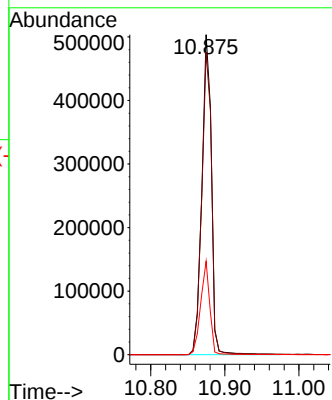
#42
2,4,6-Tribromophenol
Concen: 138.927 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137956.D
Acq: 20 May 2024 13:00

Instrument :
BNA_F
ClientSampleId :
WCS-TPI



Tgt Ion:330 Resp: 453962

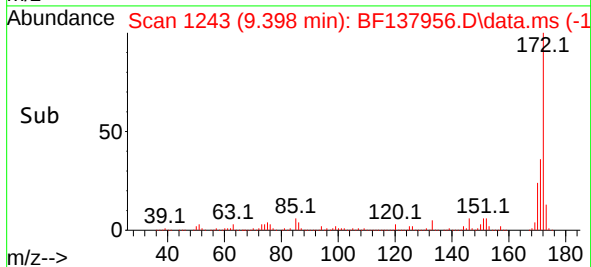
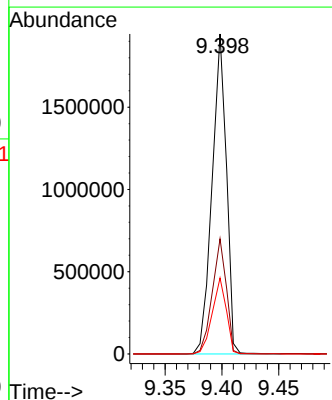
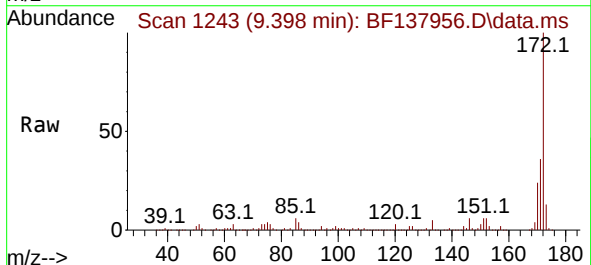
Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.8	113.8
141	27.7	23.8	35.6

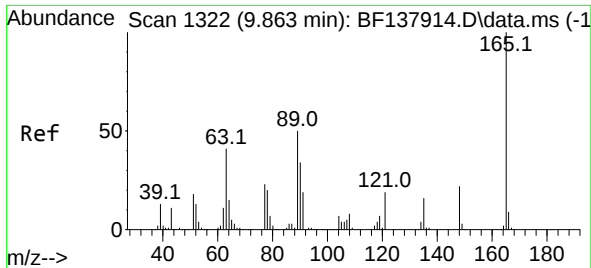


#45
2-Fluorobiphenyl
Concen: 80.852 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF137956.D
Acq: 20 May 2024 13:00

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





#51

2,6-Dinitrotoluene

Concen: 8.853 ng

RT: 10.081 min Scan# 1359

Delta R.T. 0.218 min

Lab File: BF137956.D

Acq: 20 May 2024 13:00

Instrument :

BNA_F

ClientSampleId :

WCS-TPI

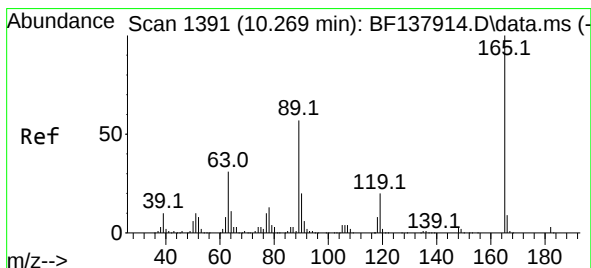
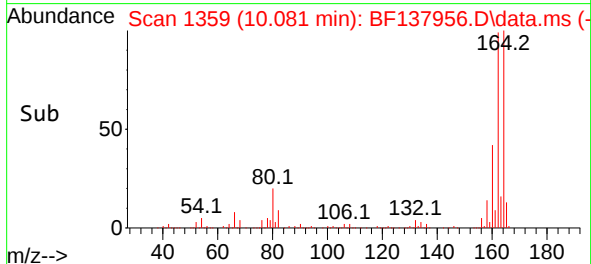
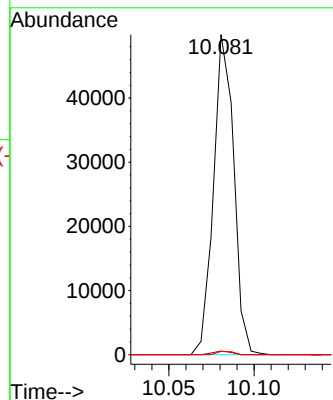
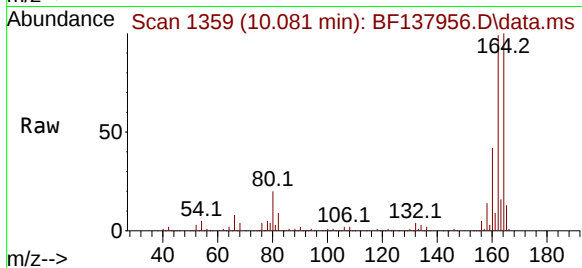
Tgt Ion:165 Resp: 41294

Ion Ratio Lower Upper

165 100

63 1.2 38.9 58.3#

89 1.0 40.4 60.6#



#57

2,4-Dinitrotoluene

Concen: 6.848 ng

RT: 10.081 min Scan# 1359

Delta R.T. -0.188 min

Lab File: BF137956.D

Acq: 20 May 2024 13:00

Tgt Ion:165 Resp: 41294

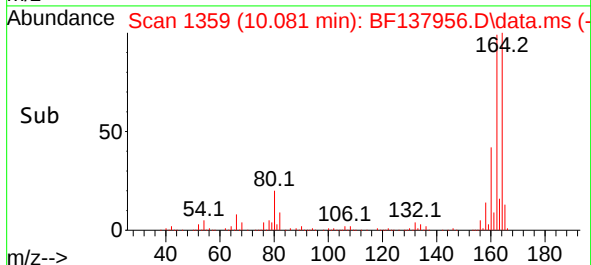
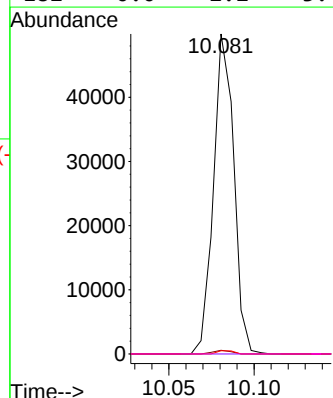
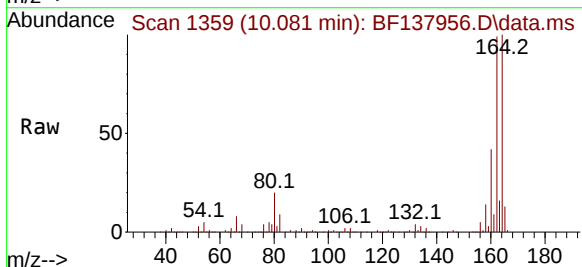
Ion Ratio Lower Upper

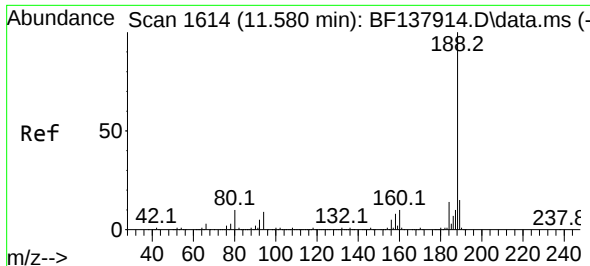
165 100

63 1.2 25.3 37.9#

89 1.0 45.9 68.9#

182 0.0 2.2 3.4#

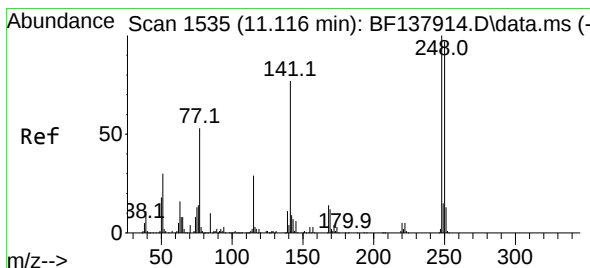
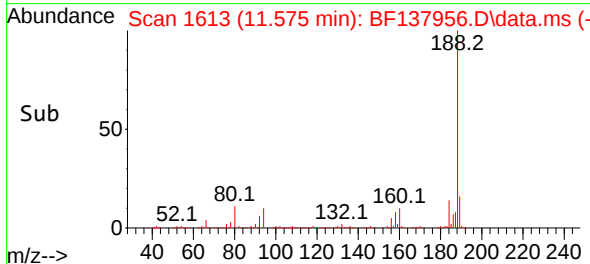
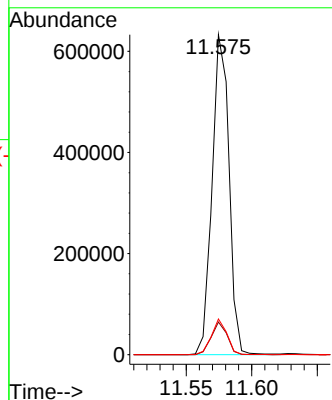
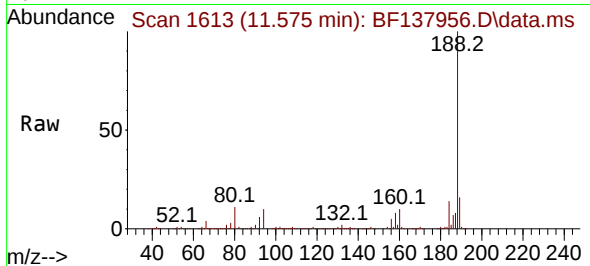




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137956.D
Acq: 20 May 2024 13:00

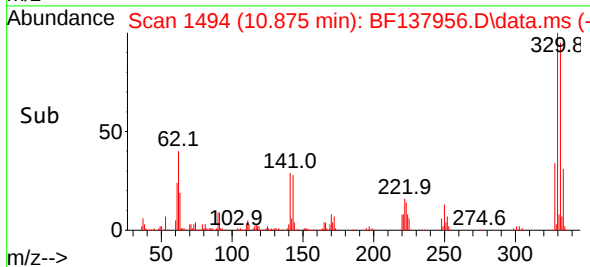
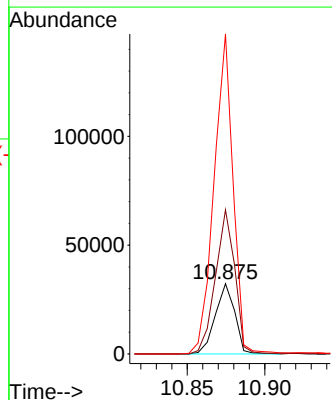
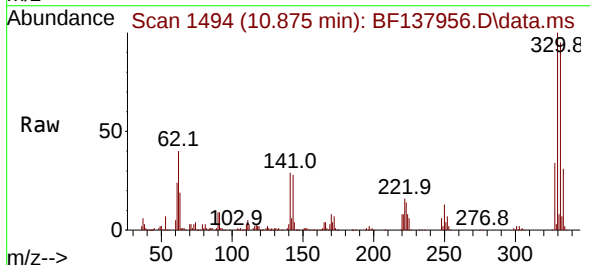
Instrument :
BNA_F
ClientSampleId :
WCS-TPI

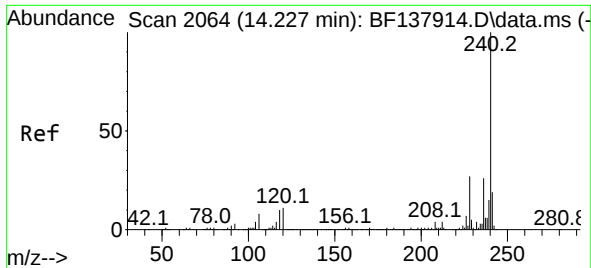
Tgt Ion:188 Resp: 568658
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.4
80 11.1 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 4.534 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF137956.D
Acq: 20 May 2024 13:00

Tgt Ion:248 Resp: 28268
Ion Ratio Lower Upper
248 100
250 205.1 77.6 116.4#
141 455.4 61.4 92.2#

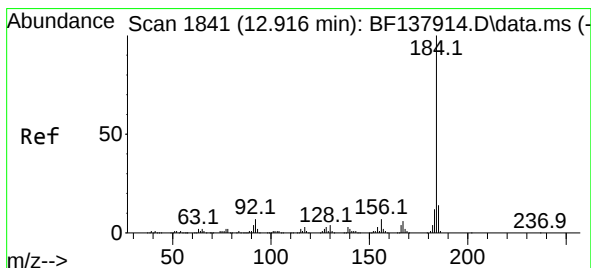
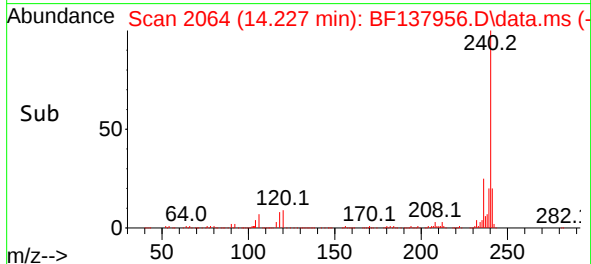
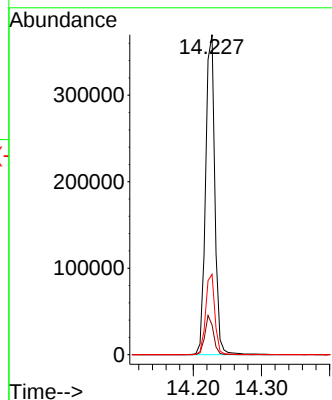
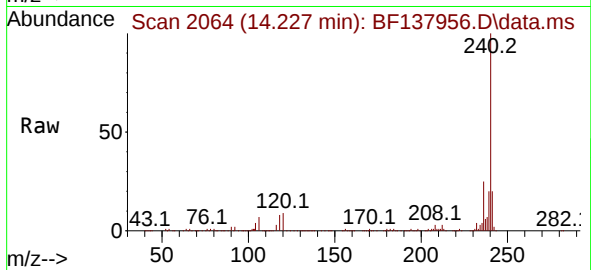




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF137956.D
Acq: 20 May 2024 13:00

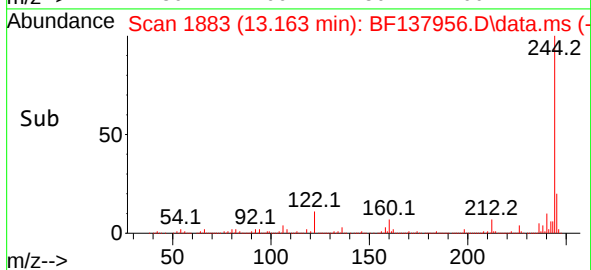
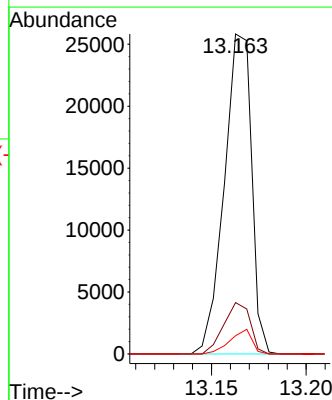
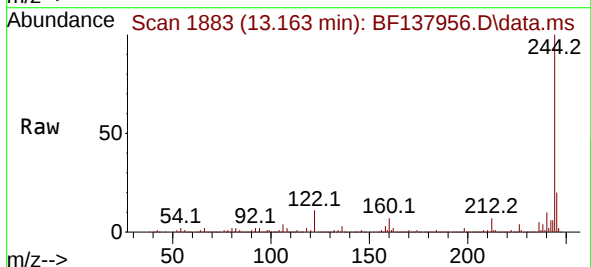
Instrument :
BNA_F
ClientSampleId :
WCS-TPI

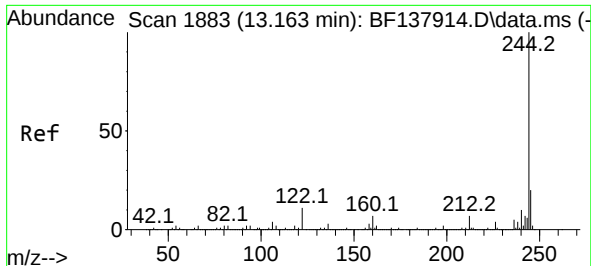
Tgt Ion:240 Resp: 350290
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 25.1 21.0 31.4



#77
Benzidine
Concen: 5.663 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.247 min
Lab File: BF137956.D
Acq: 20 May 2024 13:00

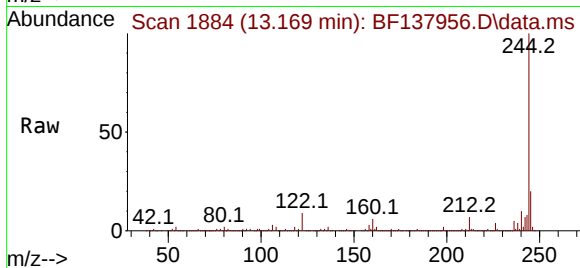
Tgt Ion:184 Resp: 25926
Ion Ratio Lower Upper
184 100
185 16.1 11.4 17.2
183 5.7 9.5 14.3#



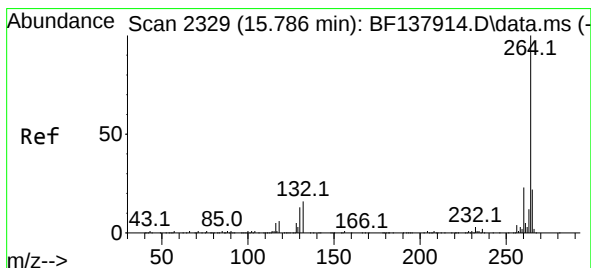
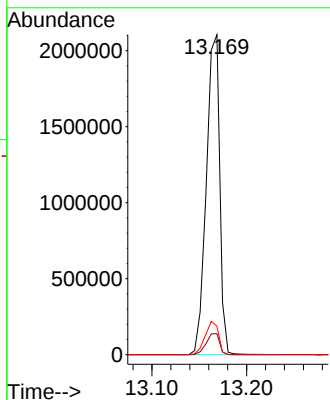
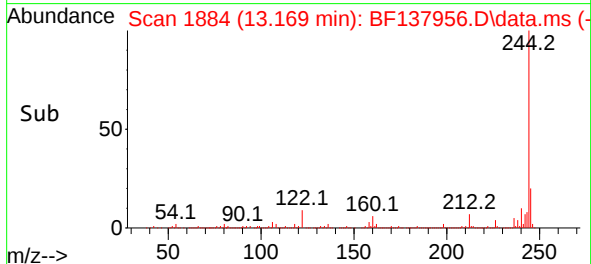


#79
Terphenyl-d14
Concen: 86.552 ng
RT: 13.169 min Scan# 1883
Delta R.T. 0.006 min
Lab File: BF137956.D
Acq: 20 May 2024 13:00

Instrument :
BNA_F
ClientSampleId :
WCS-TPI



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

