

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137972.D
 Acq On : 21 May 2024 11:51
 Operator : CG\JU
 Sample : PB160974BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160974BL

Quant Time: May 21 12:12:34 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)

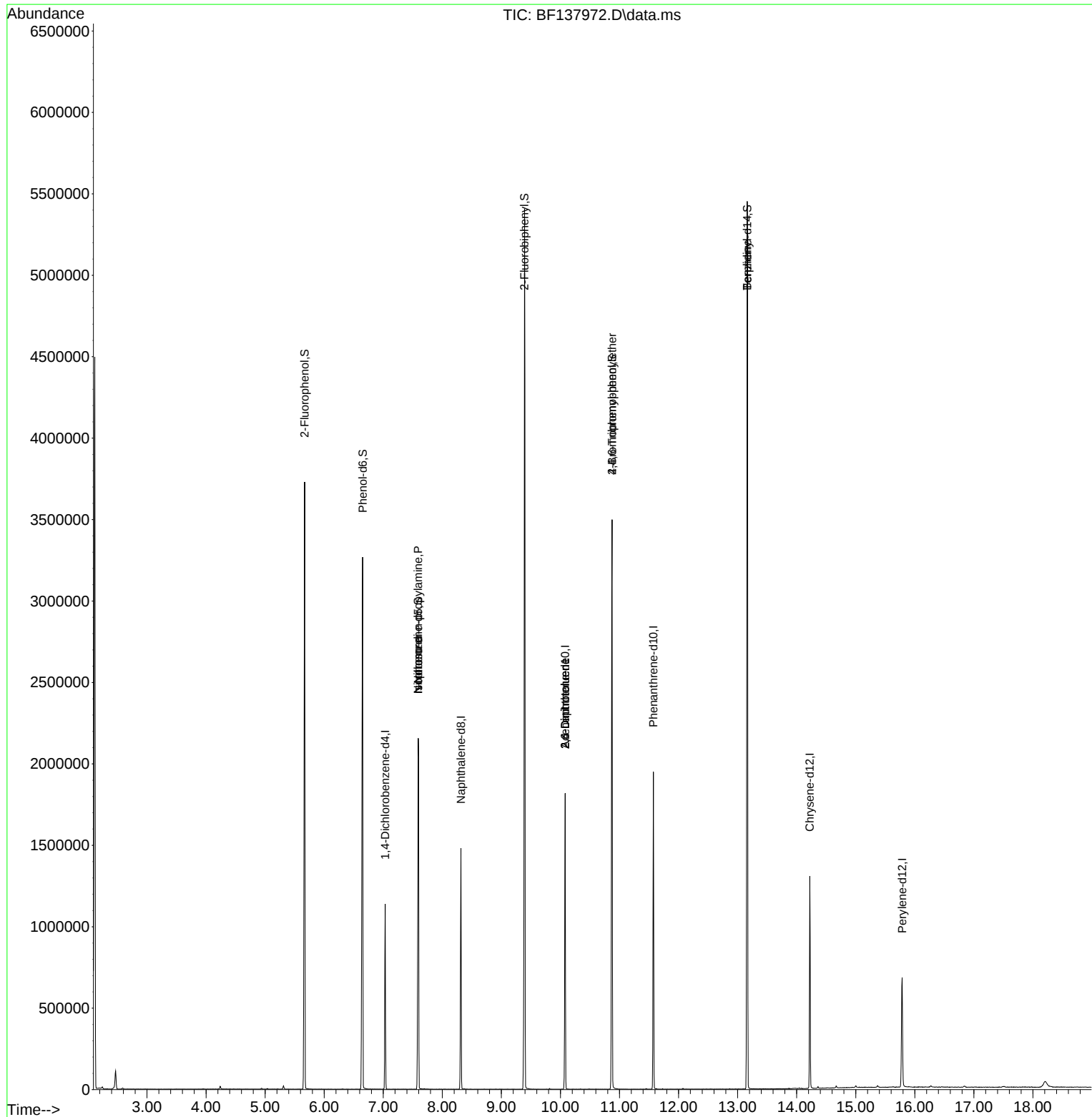
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	163682	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	634861	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	369794	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	664060	20.000	ng	0.00
76) Chrysene-d12	14.221	240	411560	20.000	ng	0.00
86) Perylene-d12	15.786	264	336642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1118852	116.111	ng	0.00
7) Phenol-d6	6.651	99	1359148	114.502	ng	0.00
23) Nitrobenzene-d5	7.592	82	837017	77.590	ng	-0.02
42) 2,4,6-Tribromophenol	10.874	330	478805	128.413	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1844845	76.848	ng	0.00
79) Terphenyl-d14	13.163	244	2199710	78.772	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.592	70	110240	16.531	ng	# 76
25) Isophorone	7.592	82	837005	44.705	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	47975	9.014	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	47975	6.973	ng	# 33
67) 4-Bromophenyl-phenylether	10.874	248	31533	4.331	ng	# 1
77) Benzidine	13.163	184	25896	4.815	ng	# 94

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

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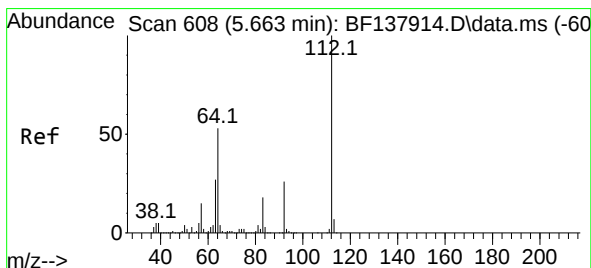
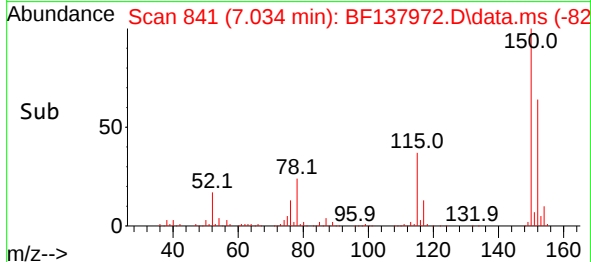
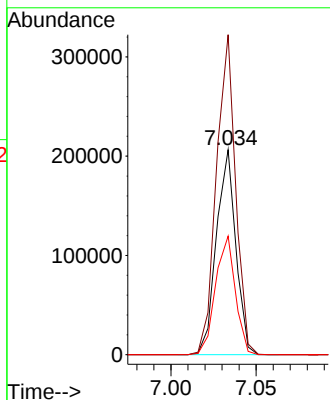
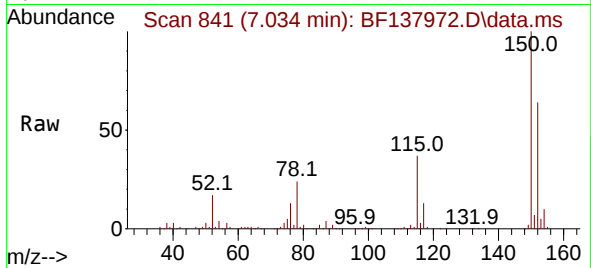




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.011 min
Lab File: BF137972.D
Acq: 21 May 2024 11:51

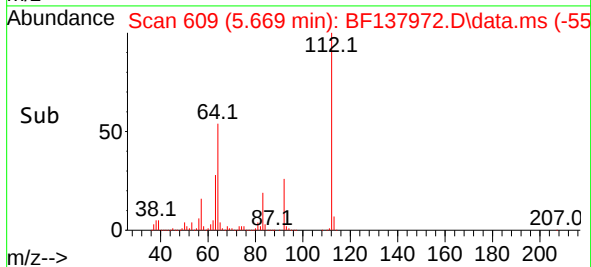
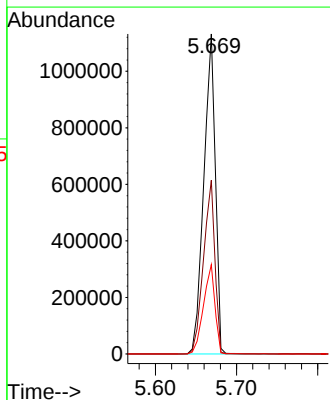
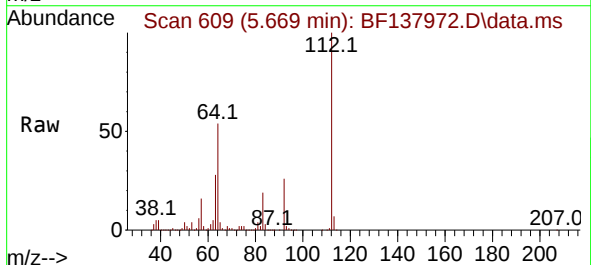
Instrument :
BNA_F
ClientSampleId :
PB160974BL

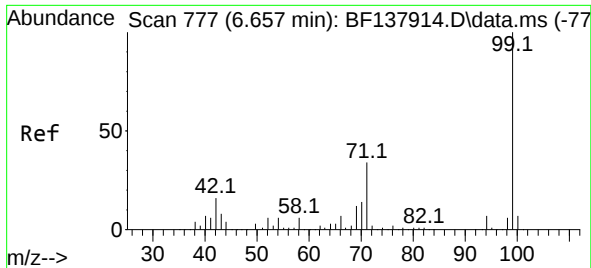
Tgt Ion:152 Resp: 163682
Ion Ratio Lower Upper
152 100
150 156.2 125.7 188.5
115 57.9 47.0 70.6



#5
2-Fluorophenol
Concen: 116.111 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF137972.D
Acq: 21 May 2024 11:51

Tgt Ion:112 Resp: 1118852
Ion Ratio Lower Upper
112 100
64 54.3 42.4 63.6
63 27.9 21.4 32.2

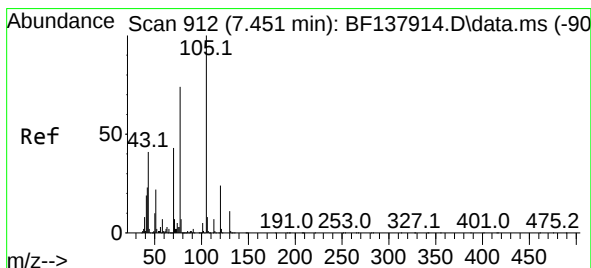
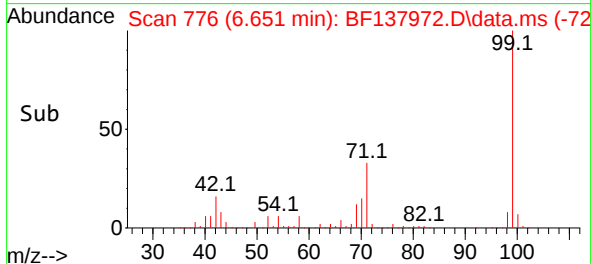
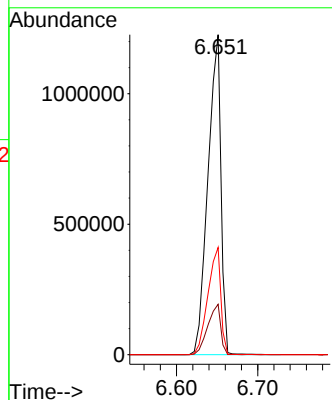
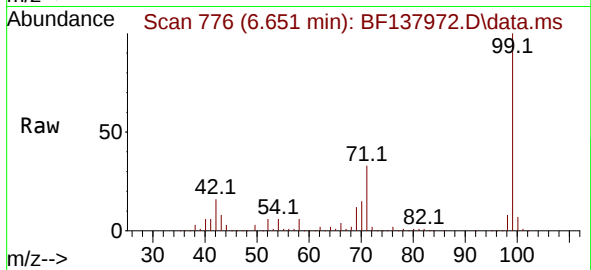




#7
Phenol-d6
Concen: 114.502 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137972.D
Acq: 21 May 2024 11:51

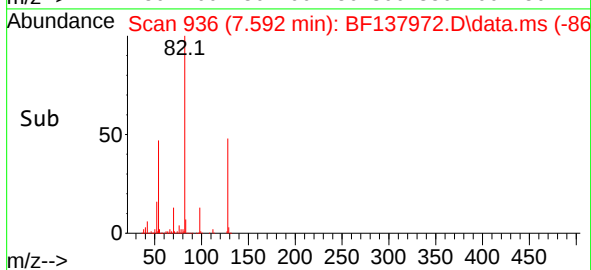
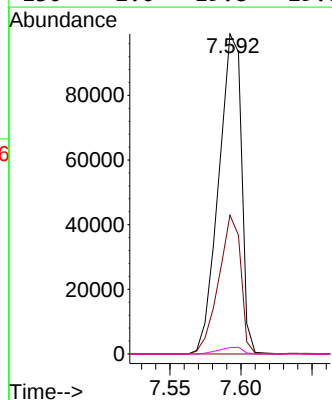
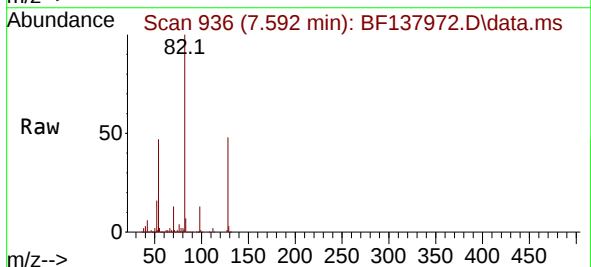
Instrument :
BNA_F
ClientSampleId :
PB160974BL

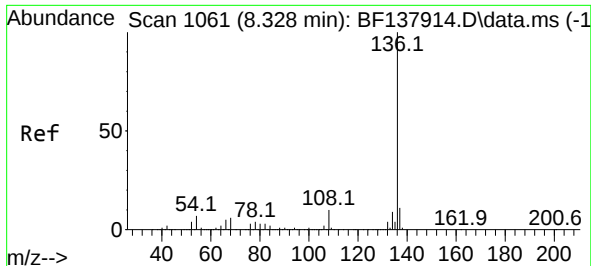
Tgt Ion: 99 Resp: 1359148
Ion Ratio Lower Upper
99 100
42 15.8 12.6 18.8
71 33.5 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.531 ng
RT: 7.592 min Scan# 936
Delta R.T. 0.141 min
Lab File: BF137972.D
Acq: 21 May 2024 11:51

Tgt Ion: 70 Resp: 110240
Ion Ratio Lower Upper
70 100
42 43.3 42.2 63.4
101 0.0 8.8 13.2#
130 2.0 19.8 29.8#



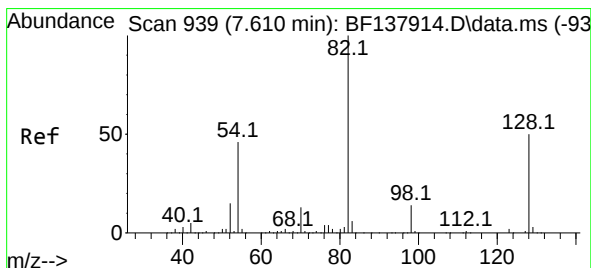
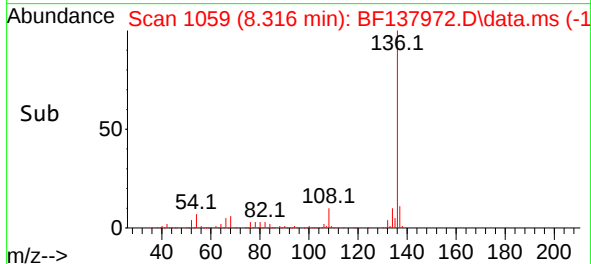
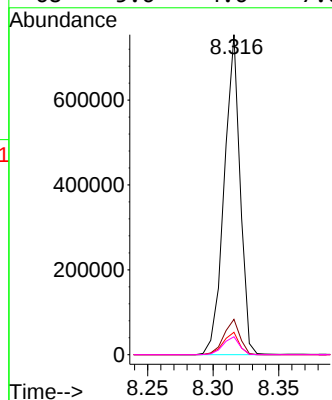
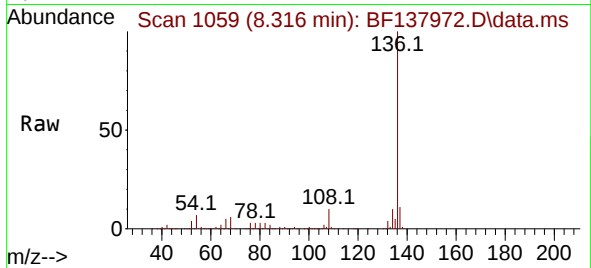


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF137972.D
Acq: 21 May 2024 11:51

Instrument :
BNA_F
ClientSampleId :
PB160974BL

Tgt Ion:136 Resp: 634861

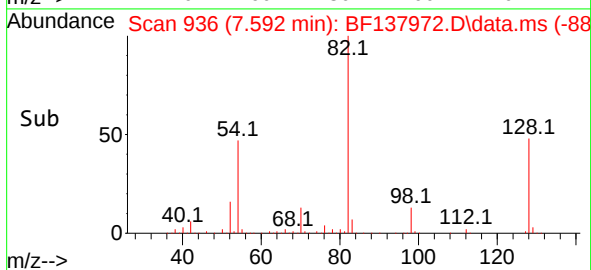
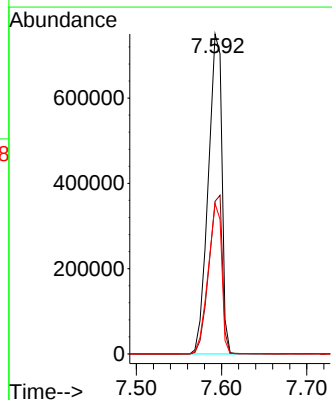
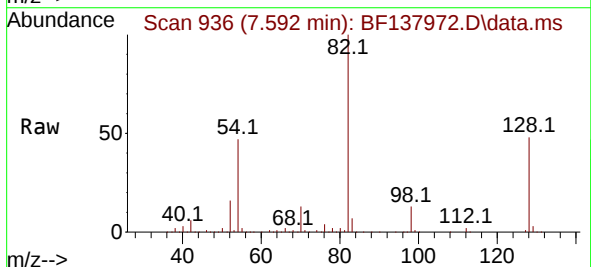
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.0	5.4	8.2
68	5.6	4.6	7.0



#23
Nitrobenzene-d5
Concen: 77.590 ng
RT: 7.592 min Scan# 936
Delta R.T. -0.018 min
Lab File: BF137972.D
Acq: 21 May 2024 11:51

Tgt Ion: 82 Resp: 837017

Ion	Ratio	Lower	Upper
82	100		
128	47.7	40.3	60.5
54	47.0	36.8	55.2

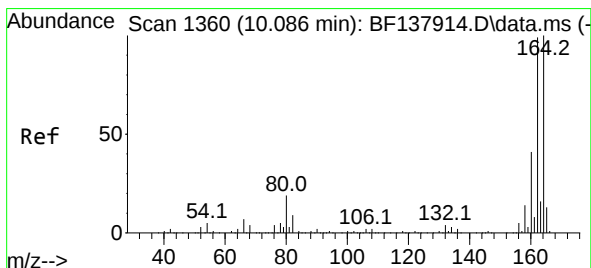
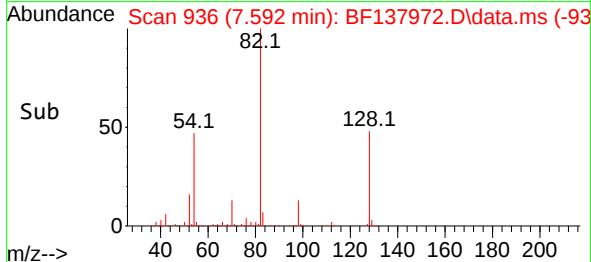
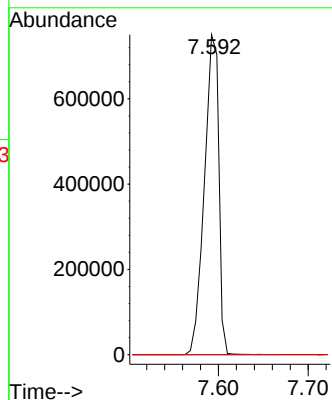
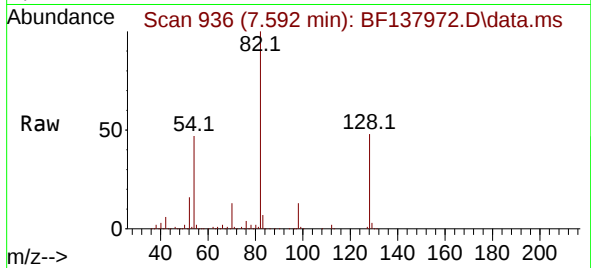




#25
Isophorone
Concen: 44.705 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137972.D
Acq: 21 May 2024 11:51

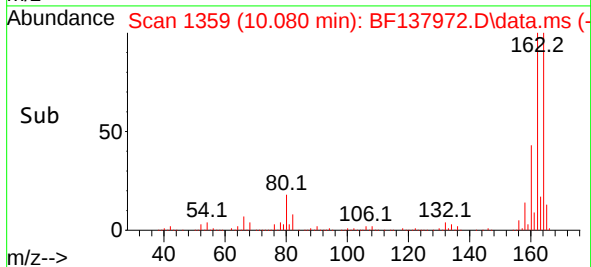
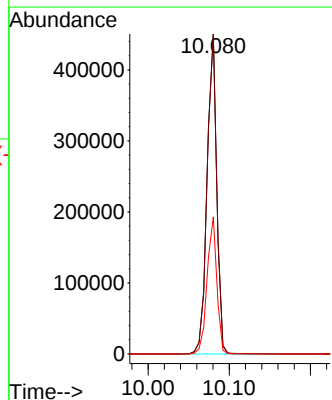
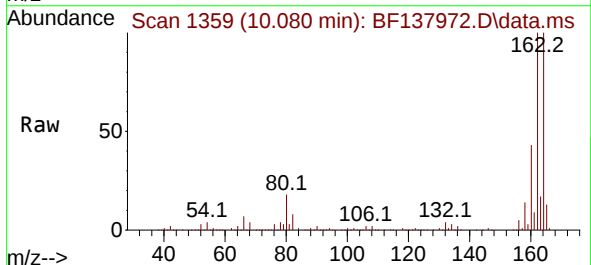
Instrument :
BNA_F
ClientSampleId :
PB160974BL

Tgt Ion: 82 Resp: 837005
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: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF137972.D
Acq: 21 May 2024 11:51

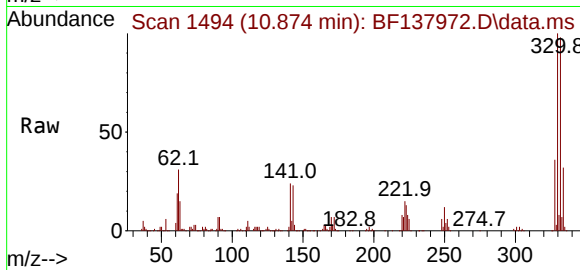
Tgt Ion:164 Resp: 369794
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.2
160 42.9 33.1 49.7



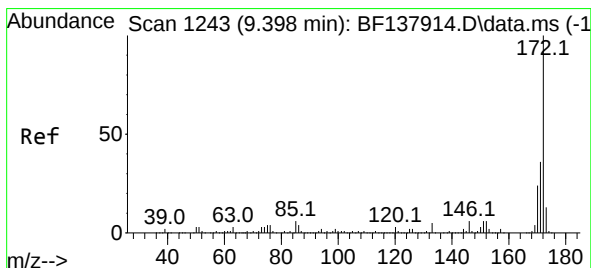
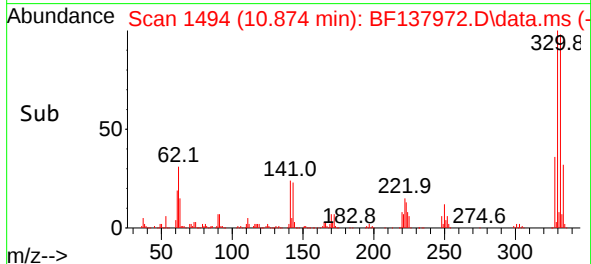
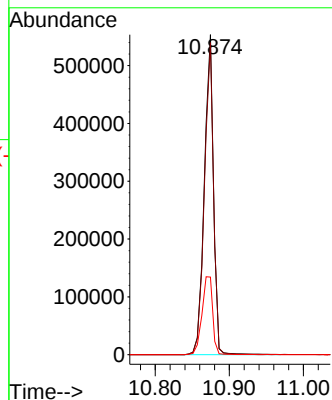


#42
2,4,6-Tribromophenol
Concen: 128.413 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137972.D
Acq: 21 May 2024 11:51

Instrument :
BNA_F
ClientSampleId :
PB160974BL

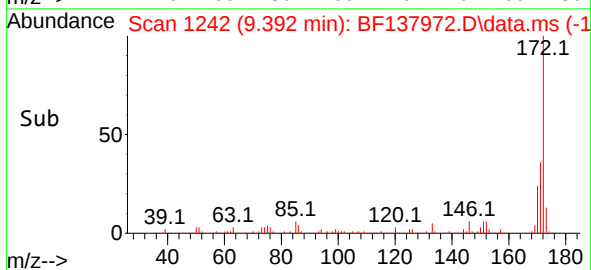
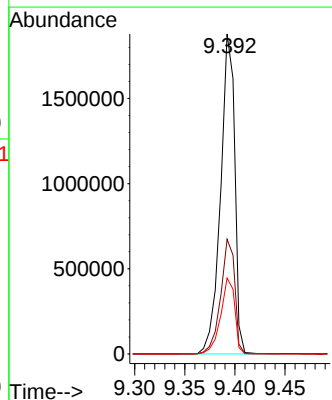
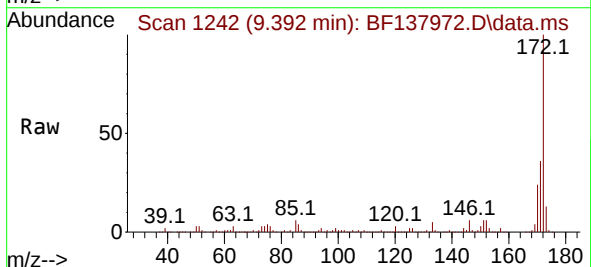


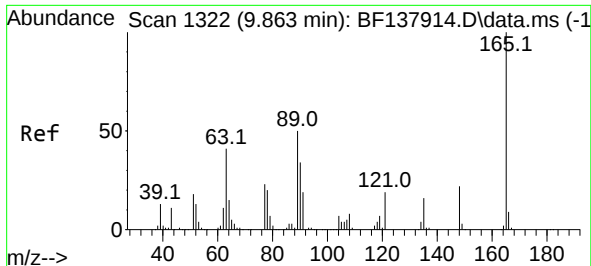
Tgt Ion:330 Resp: 478805
Ion Ratio Lower Upper
330 100
332 96.8 75.8 113.8
141 28.3 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 76.848 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF137972.D
Acq: 21 May 2024 11:51

Tgt Ion:172 Resp: 1844845
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 23.7 18.9 28.3

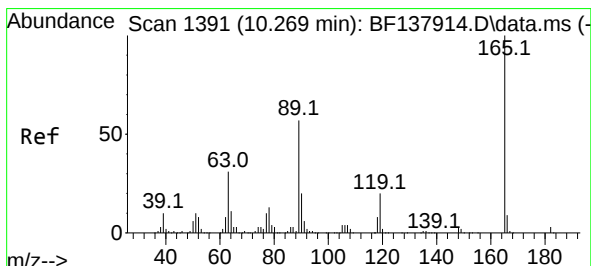
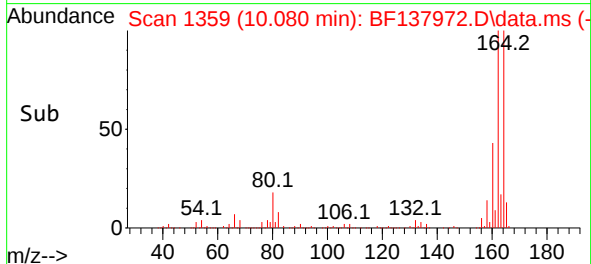
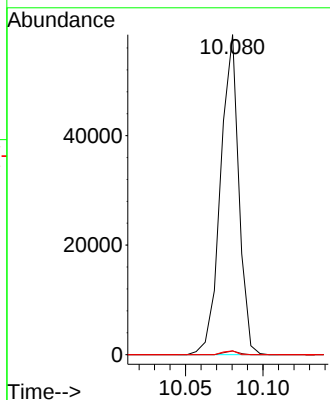
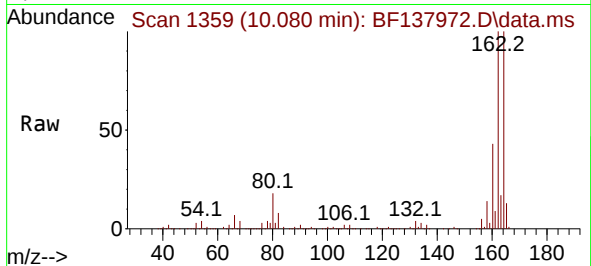




#51
2,6-Dinitrotoluene
Concen: 9.014 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF137972.D
Acq: 21 May 2024 11:51

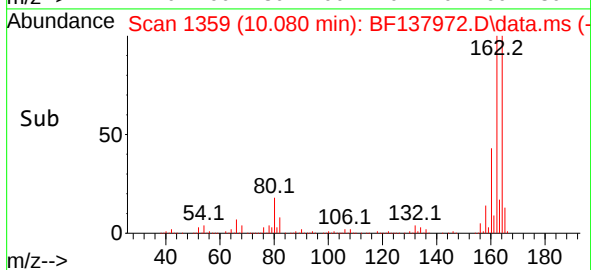
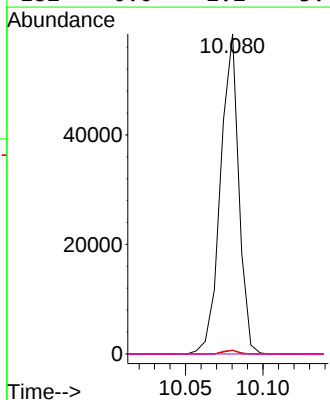
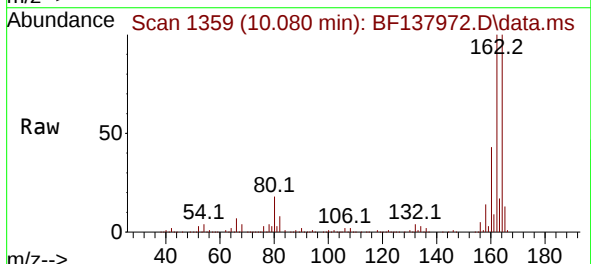
Instrument :
BNA_F
ClientSampleId :
PB160974BL

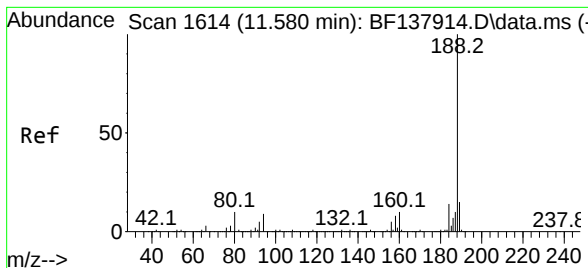
Tgt Ion:165 Resp: 47975
Ion Ratio Lower Upper
165 100
63 1.2 38.9 58.3#
89 1.2 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.973 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137972.D
Acq: 21 May 2024 11:51

Tgt Ion:165 Resp: 47975
Ion Ratio Lower Upper
165 100
63 1.2 25.3 37.9#
89 1.2 45.9 68.9#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137972.D

Acq: 21 May 2024 11:51

Instrument :

BNA_F

ClientSampleId :

PB160974BL

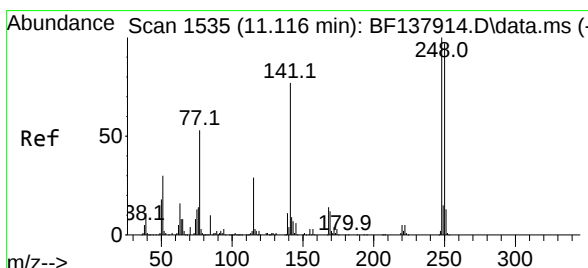
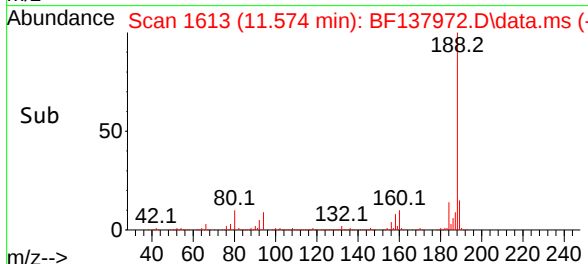
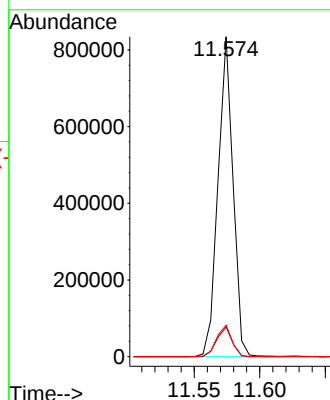
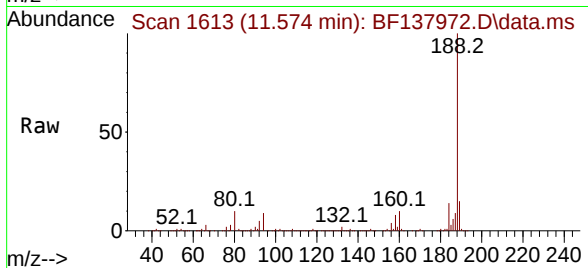
Tgt Ion:188 Resp: 664060

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

80 9.8 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.331 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137972.D

Acq: 21 May 2024 11:51

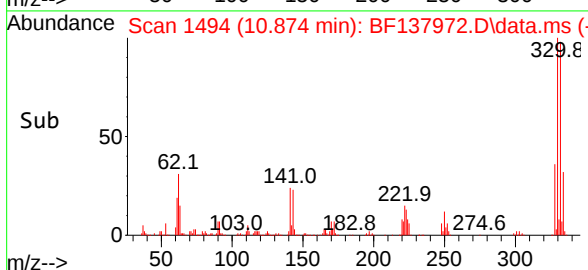
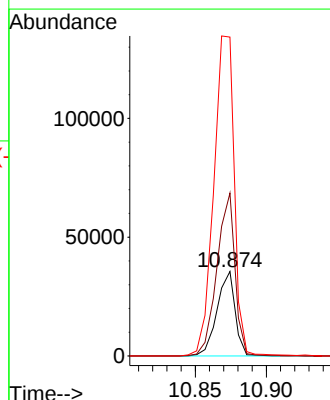
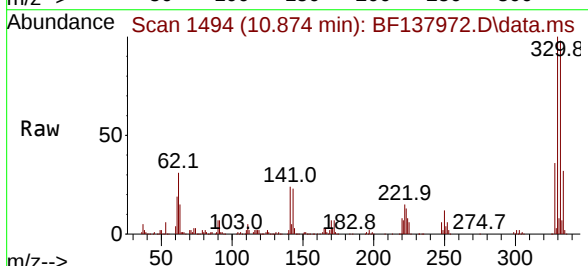
Tgt Ion:248 Resp: 31533

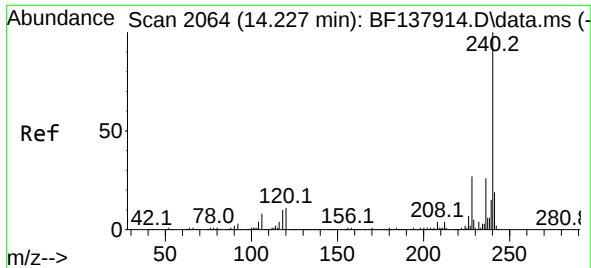
Ion Ratio Lower Upper

248 100

250 192.7 77.6 116.4#

141 377.3 61.4 92.2#

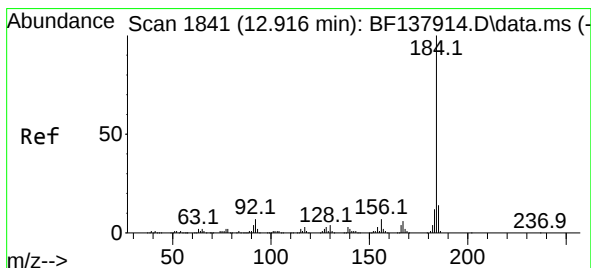
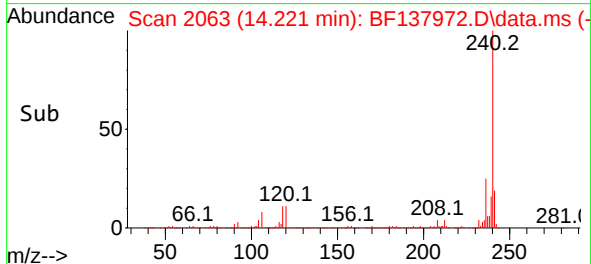
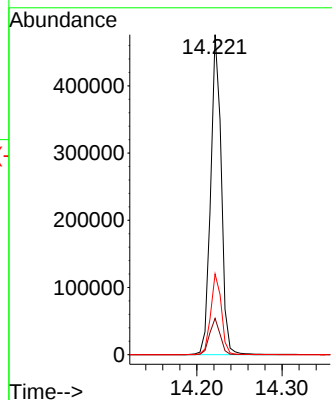
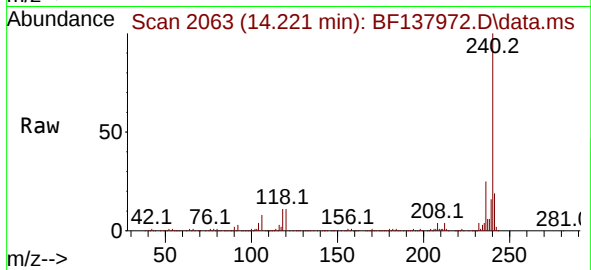




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137972.D
Acq: 21 May 2024 11:51

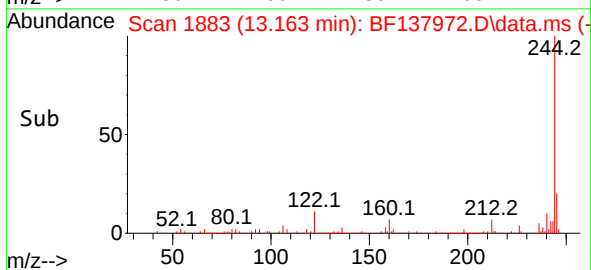
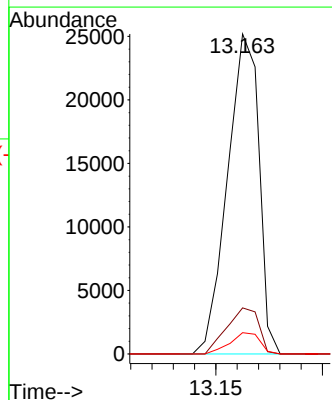
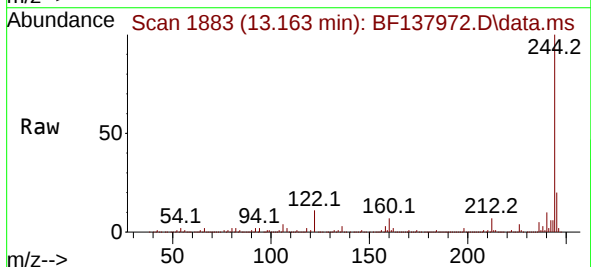
Instrument :
BNA_F
ClientSampleId :
PB160974BL

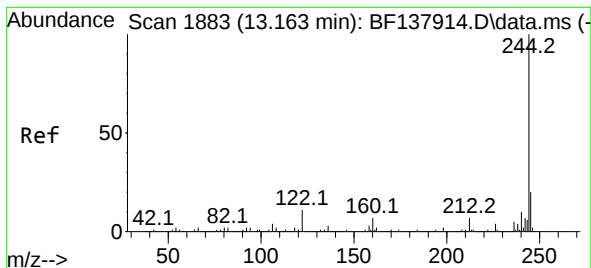
Tgt Ion:240 Resp: 411560
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.2 21.0 31.4



#77
Benzidine
Concen: 4.815 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.247 min
Lab File: BF137972.D
Acq: 21 May 2024 11:51

Tgt Ion:184 Resp: 25896
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.2
183 6.6 9.5 14.3#





#79

Terphenyl-d14

Concen: 78.772 ng

RT: 13.163 min Scan# 1883

Delta R.T. -0.000 min

Lab File: BF137972.D

Acq: 21 May 2024 11:51

Instrument :

BNA_F

ClientSampleId :

PB160974BL

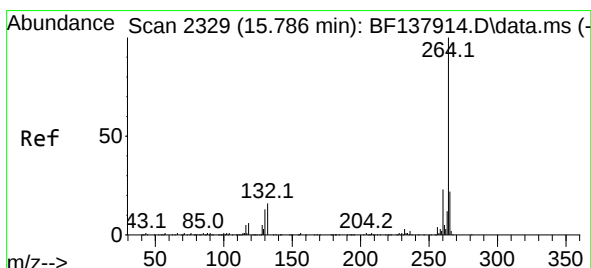
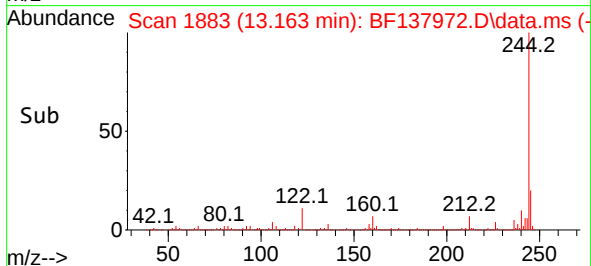
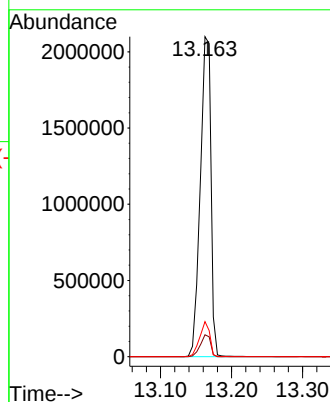
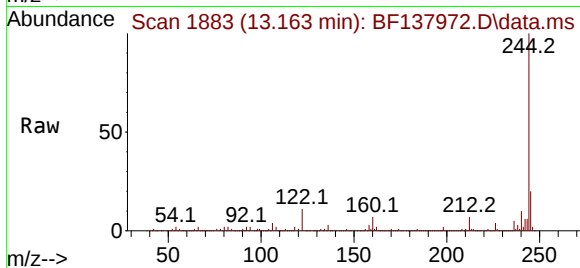
Tgt Ion:244 Resp: 2199710

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.9 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: BF137972.D

Acq: 21 May 2024 11:51

Tgt Ion:264 Resp: 336642

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 21.3 17.6 26.4

