

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137936.D
 Acq On : 17 May 2024 17:18
 Operator : CG\JU
 Sample : P2497-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280856

Quant Time: May 17 17:40:07 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)

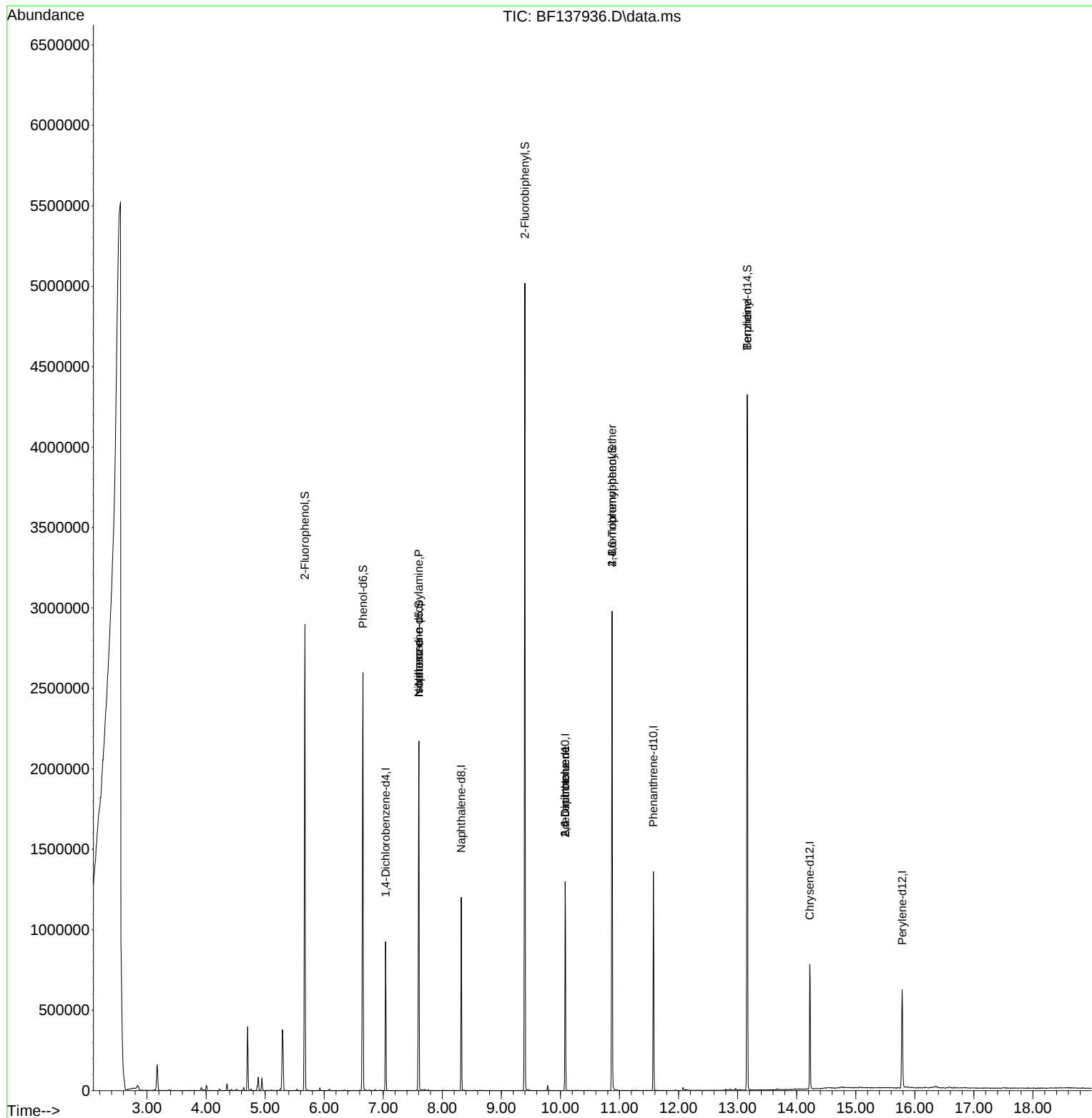
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	123953	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	471134	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	265845	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	468897	20.000	ng	0.00
76) Chrysene-d12	14.221	240	266941	20.000	ng	0.00
86) Perylene-d12	15.786	264	288274	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	845231	115.830	ng	0.01
7) Phenol-d6	6.657	99	960215	106.822	ng	0.00
23) Nitrobenzene-d5	7.604	82	688683	86.025	ng	0.00
42) 2,4,6-Tribromophenol	10.874	330	375949	140.253	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1444977	83.726	ng	0.00
79) Terphenyl-d14	13.163	244	1618509	89.359	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.604	70	91218	18.062	ng	# 72
25) Isophorone	7.604	82	688675	49.565	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	34350	8.978	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	34350	6.945	ng	# 33
67) 4-Bromophenyl-phenylether	10.874	248	24268	4.721	ng	# 1
77) Benzidine	13.163	184	18981	5.441	ng	# 91

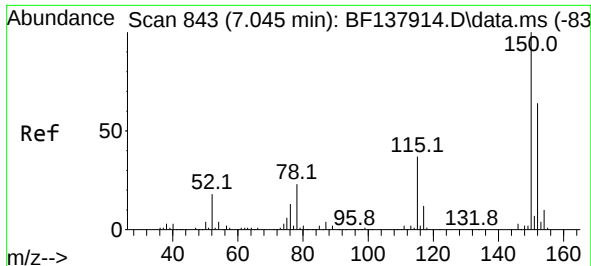
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
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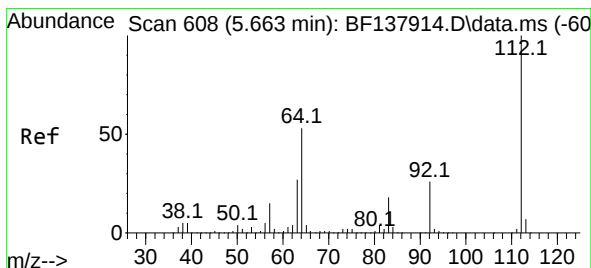
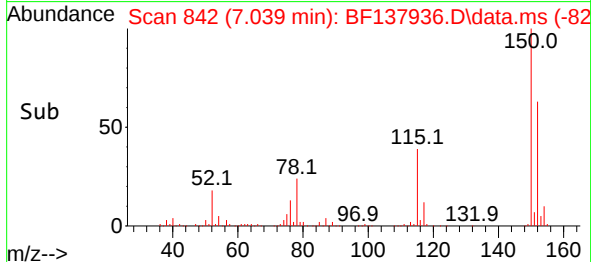
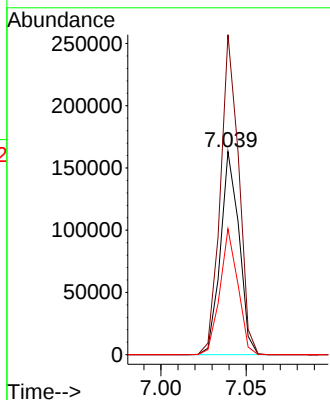
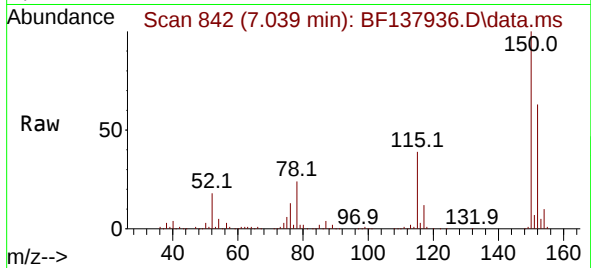




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137936.D
Acq: 17 May 2024 17:18

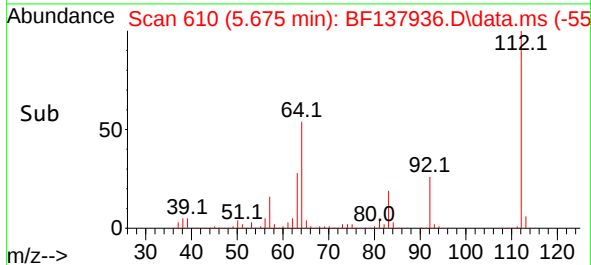
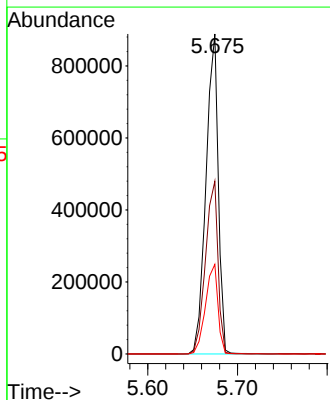
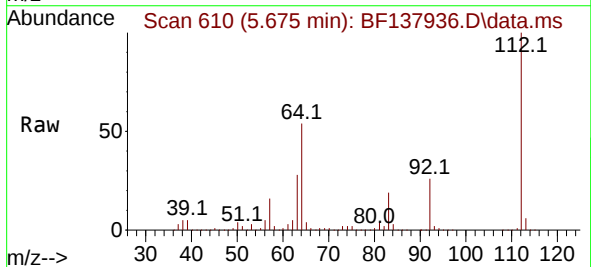
Instrument :
BNA_F
ClientSampleId :
280856

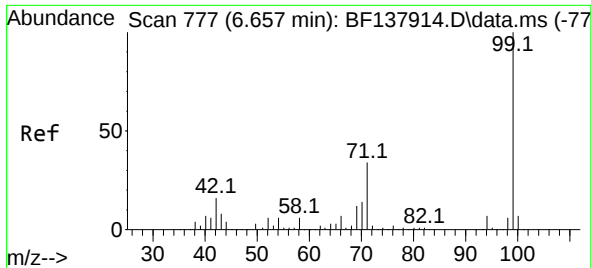
Tgt Ion:152 Resp: 123953
Ion Ratio Lower Upper
152 100
150 157.5 125.7 188.5
115 62.0 47.0 70.6



#5
2-Fluorophenol
Concen: 115.830 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137936.D
Acq: 17 May 2024 17:18

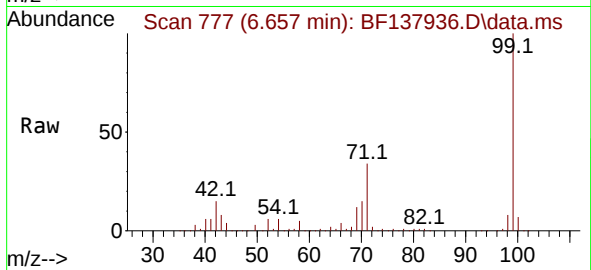
Tgt Ion:112 Resp: 845231
Ion Ratio Lower Upper
112 100
64 53.9 42.4 63.6
63 28.0 21.4 32.2





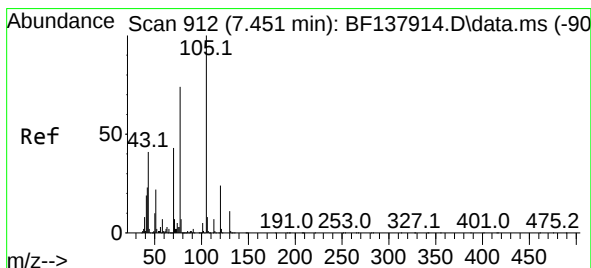
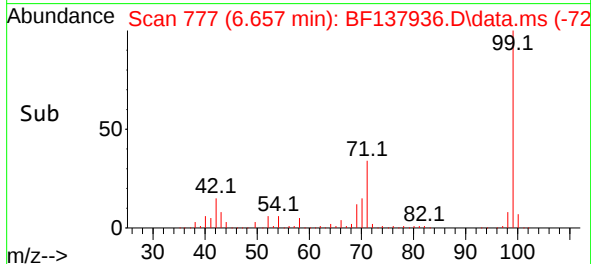
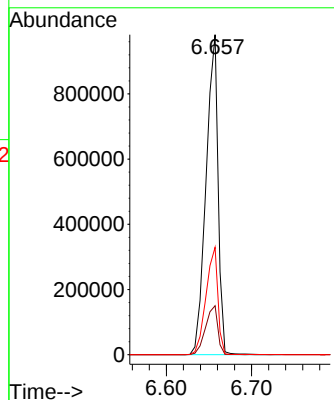
#7
Phenol-d6
Concen: 106.822 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137936.D
Acq: 17 May 2024 17:18

Instrument :
BNA_F
ClientSampleId :
280856



Tgt Ion: 99 Resp: 960215

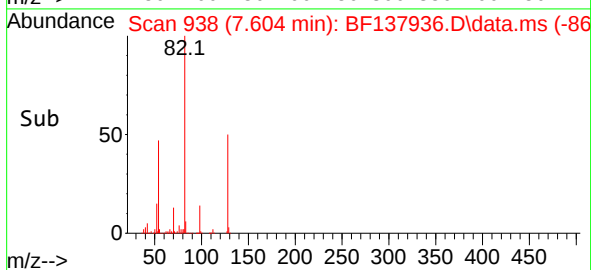
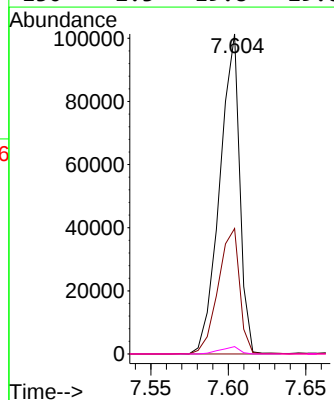
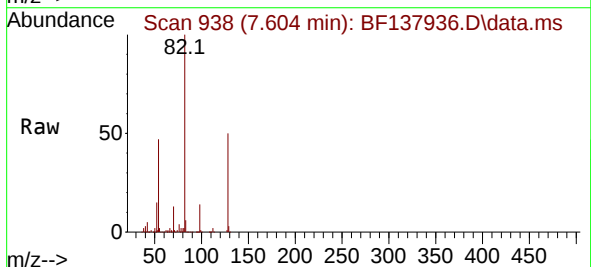
Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.6	18.8
71	33.6	27.1	40.7

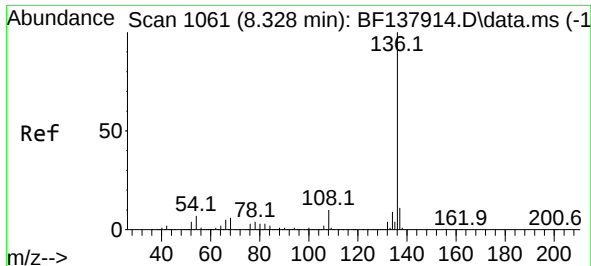


#19
n-Nitroso-di-n-propylamine
Concen: 18.062 ng
RT: 7.604 min Scan# 938
Delta R.T. 0.153 min
Lab File: BF137936.D
Acq: 17 May 2024 17:18

Tgt Ion: 70 Resp: 91218

Ion	Ratio	Lower	Upper
70	100		
42	39.2	42.2	63.4#
101	0.0	8.8	13.2#
130	2.3	19.8	29.8#



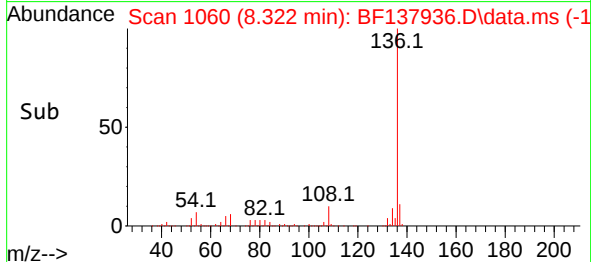
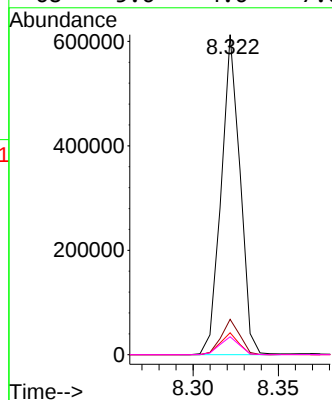
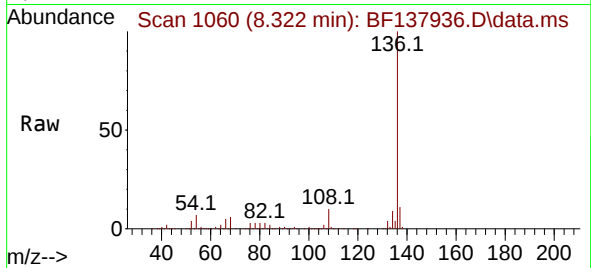


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137936.D
Acq: 17 May 2024 17:18

Instrument :
BNA_F
ClientSampleId :
280856

Tgt Ion: 136 Resp: 471134

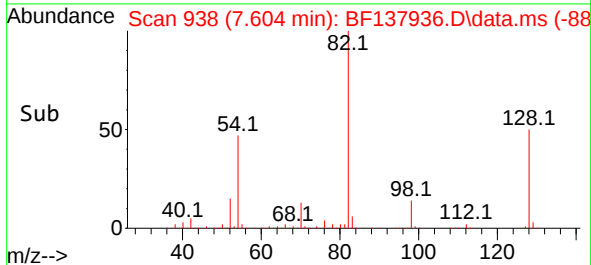
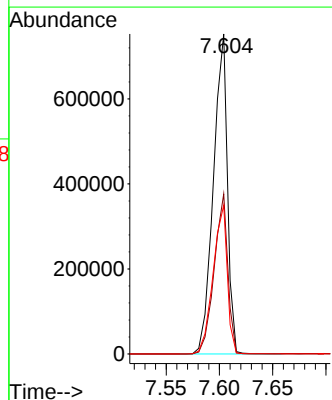
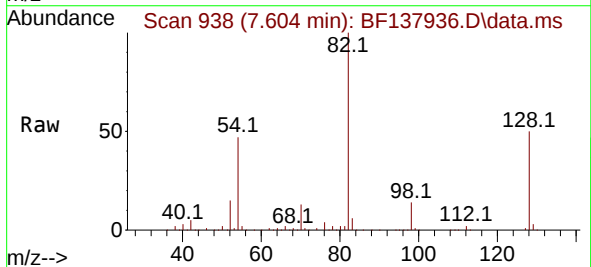
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.9	5.4	8.2
68	5.6	4.6	7.0



#23
Nitrobenzene-d5
Concen: 86.025 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF137936.D
Acq: 17 May 2024 17:18

Tgt Ion: 82 Resp: 688683

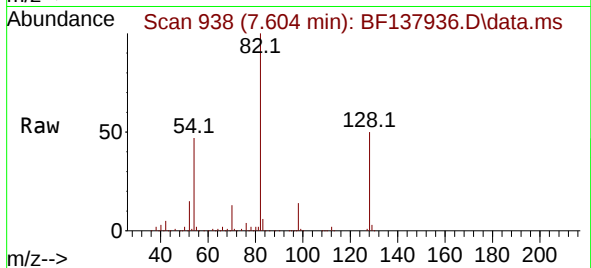
Ion	Ratio	Lower	Upper
82	100		
128	50.0	40.3	60.5
54	46.5	36.8	55.2



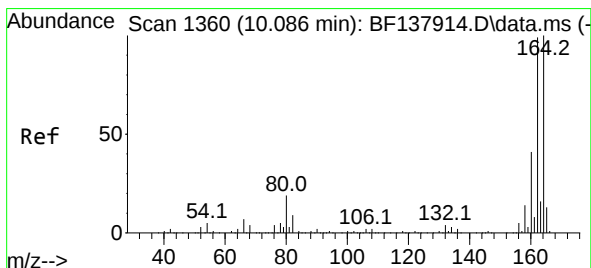
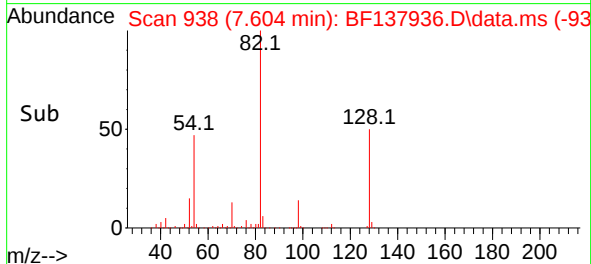
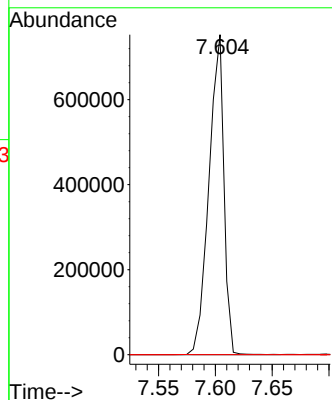


#25
Isophorone
Concen: 49.565 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.253 min
Lab File: BF137936.D
Acq: 17 May 2024 17:18

Instrument :
BNA_F
ClientSampleId :
280856

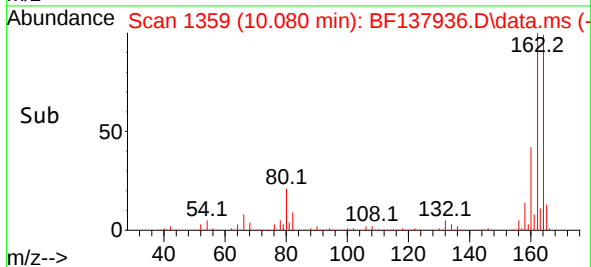
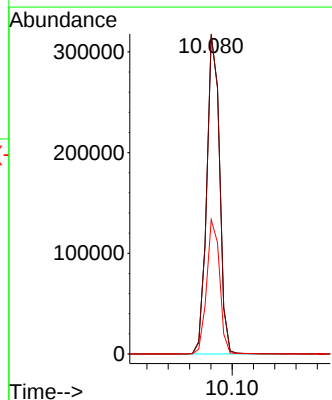
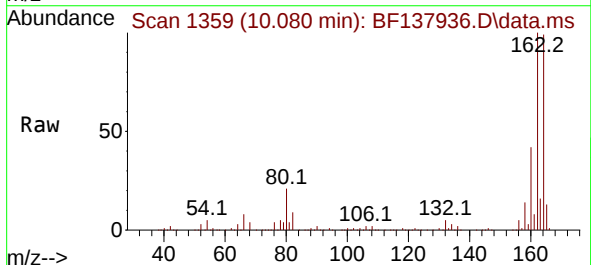


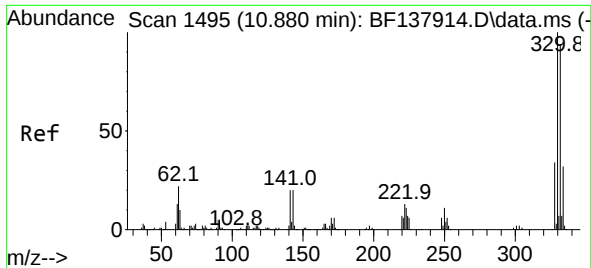
Tgt Ion: 82 Resp: 688675
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF137936.D
Acq: 17 May 2024 17:18

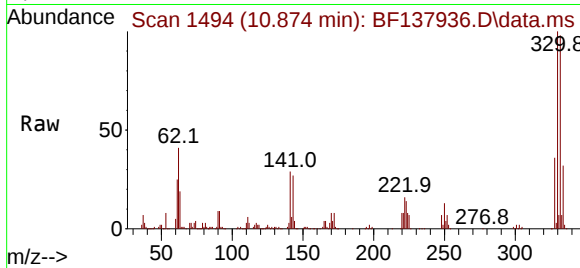
Tgt Ion:164 Resp: 265845
Ion Ratio Lower Upper
164 100
162 100.6 79.4 119.2
160 42.2 33.1 49.7



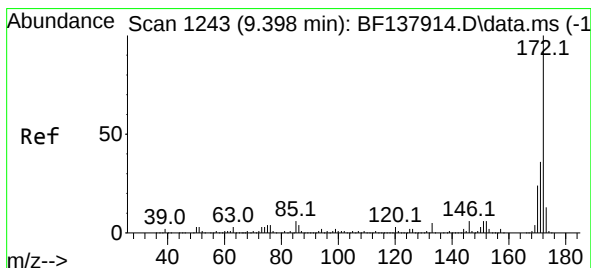
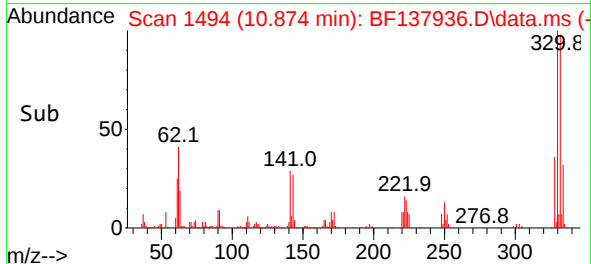
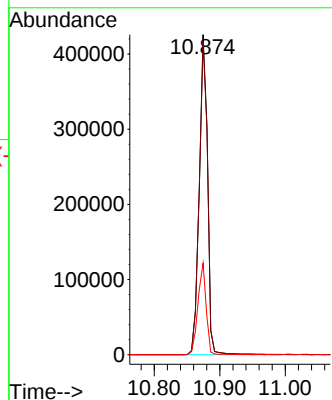


#42
2,4,6-Tribromophenol
Concen: 140.253 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137936.D
Acq: 17 May 2024 17:18

Instrument :
BNA_F
ClientSampleId :
280856

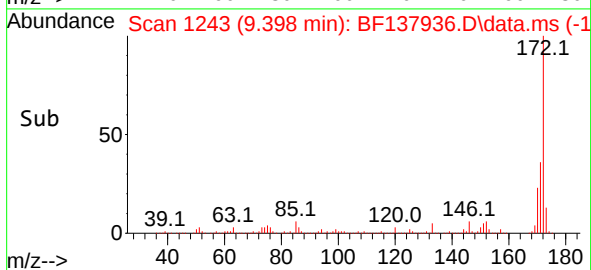
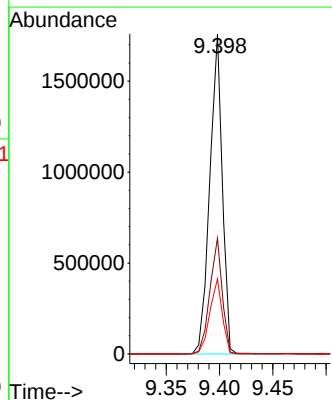
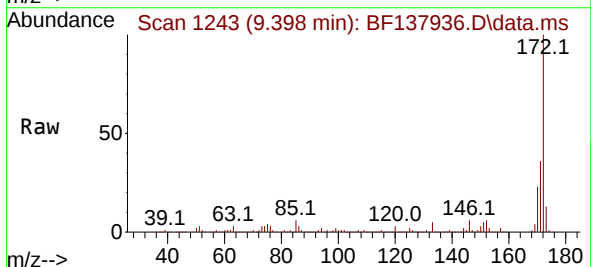


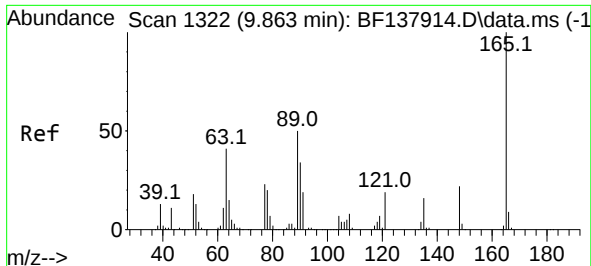
Tgt Ion:330 Resp: 375949
Ion Ratio Lower Upper
330 100
332 98.7 75.8 113.8
141 28.3 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 83.726 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF137936.D
Acq: 17 May 2024 17:18

Tgt Ion:172 Resp: 1444977
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 23.4 18.9 28.3

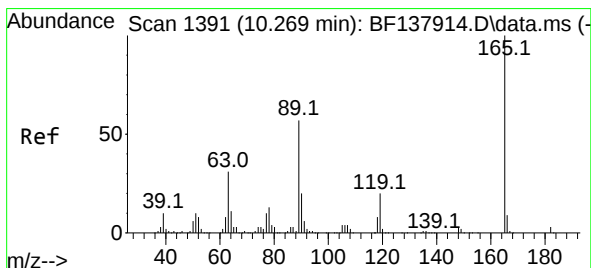
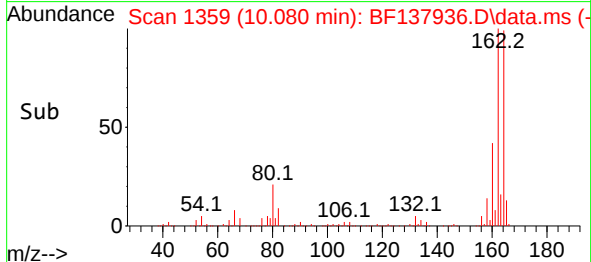
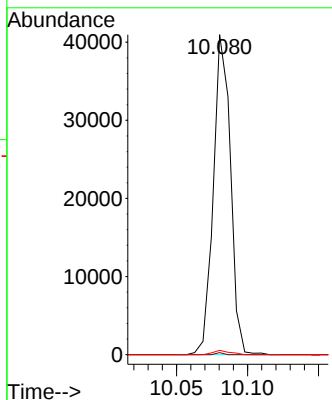
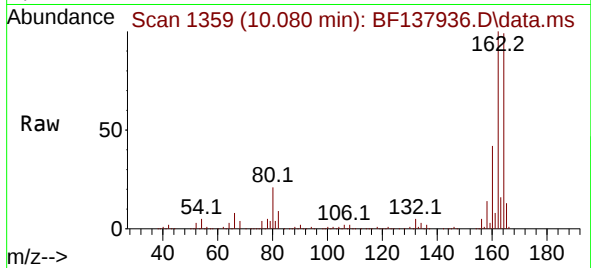




#51
2,6-Dinitrotoluene
Concen: 8.978 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF137936.D
Acq: 17 May 2024 17:18

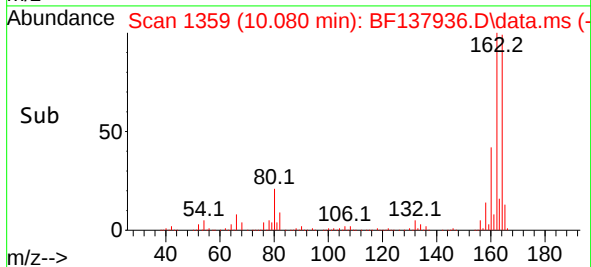
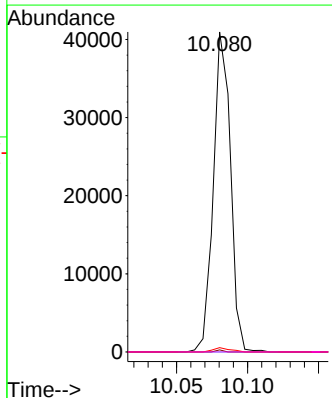
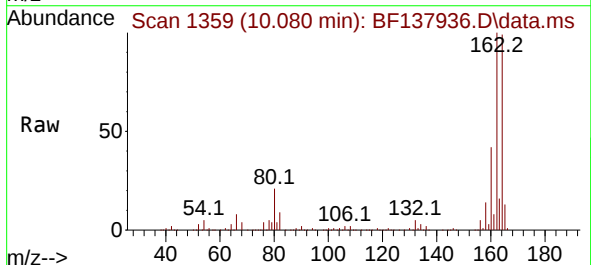
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ClientSampleId :
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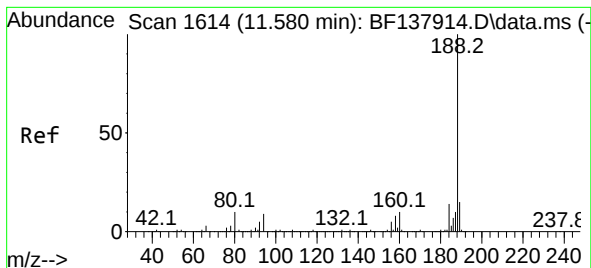
Tgt Ion:165 Resp: 34350
Ion Ratio Lower Upper
165 100
63 0.7 38.9 58.3#
89 1.4 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.945 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137936.D
Acq: 17 May 2024 17:18

Tgt Ion:165 Resp: 34350
Ion Ratio Lower Upper
165 100
63 0.7 25.3 37.9#
89 1.4 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: BF137936.D

Acq: 17 May 2024 17:18

Instrument :

BNA_F

ClientSampleId :

280856

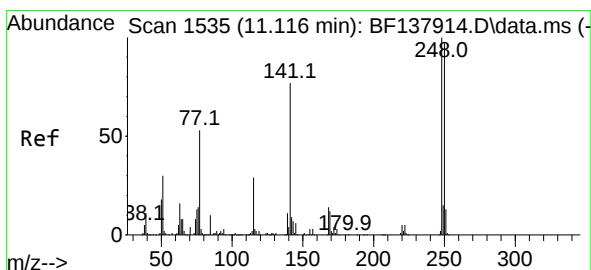
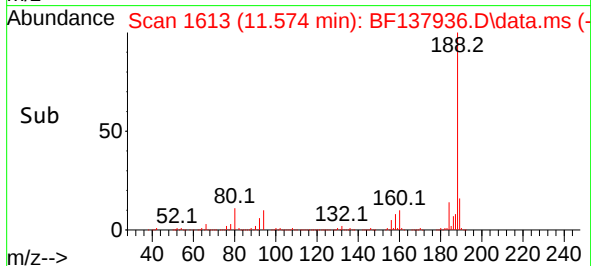
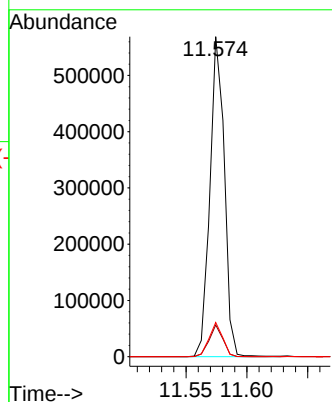
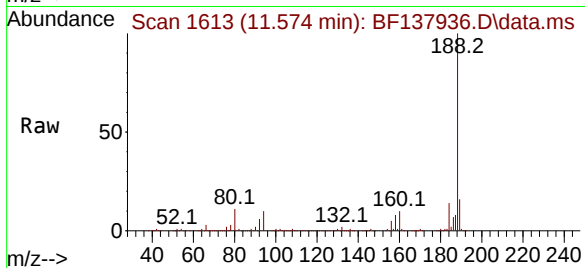
Tgt Ion:188 Resp: 468897

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.4

80 10.7 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.721 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137936.D

Acq: 17 May 2024 17:18

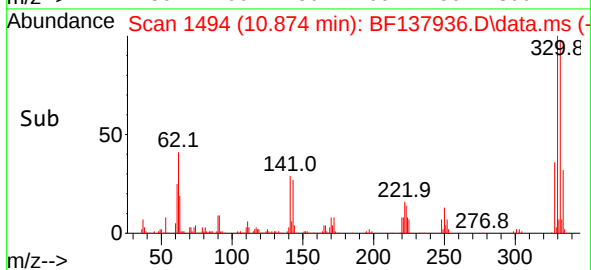
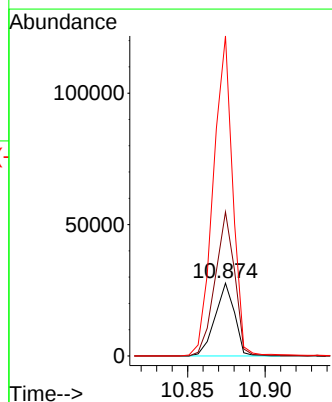
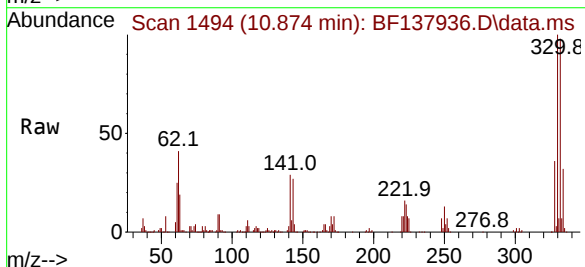
Tgt Ion:248 Resp: 24268

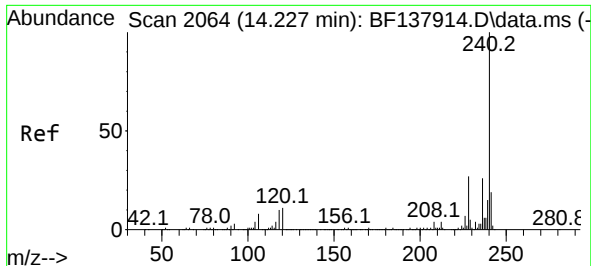
Ion Ratio Lower Upper

248 100

250 197.8 77.6 116.4#

141 439.7 61.4 92.2#

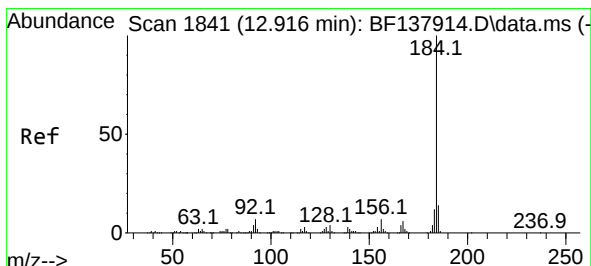
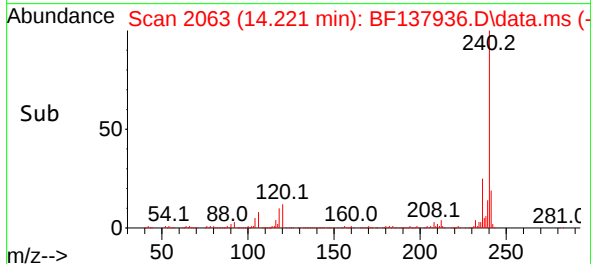
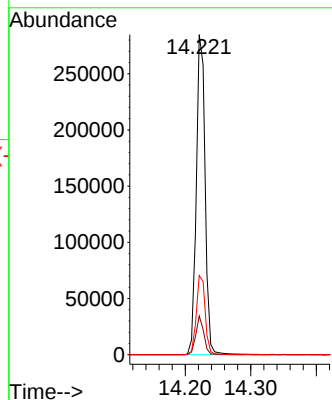
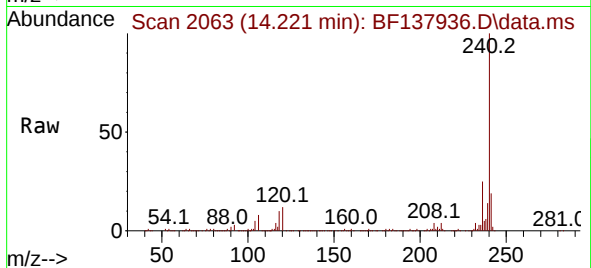




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137936.D
Acq: 17 May 2024 17:18

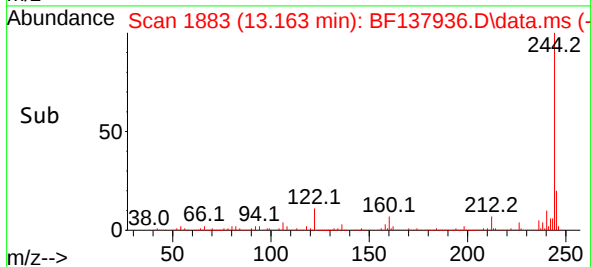
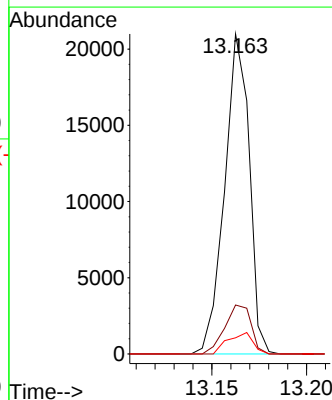
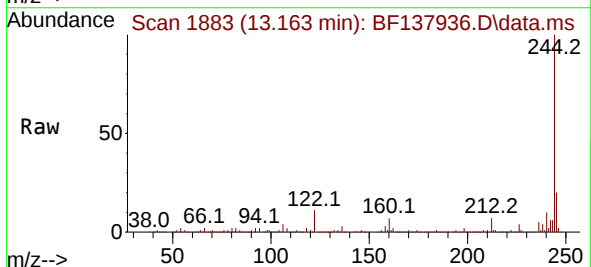
Instrument :
BNA_F
ClientSampleId :
280856

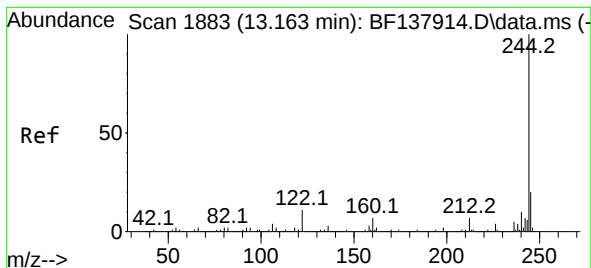
Tgt Ion:240 Resp: 266941
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 24.7 21.0 31.4



#77
Benzidine
Concen: 5.441 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.246 min
Lab File: BF137936.D
Acq: 17 May 2024 17:18

Tgt Ion:184 Resp: 18981
Ion Ratio Lower Upper
184 100
185 15.3 11.4 17.2
183 5.1 9.5 14.3#





#79

Terphenyl-d14

Concen: 89.359 ng

RT: 13.163 min Scan# 1883

Delta R.T. -0.000 min

Lab File: BF137936.D

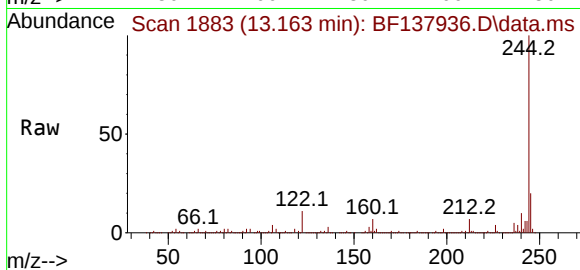
Acq: 17 May 2024 17:18

Instrument :

BNA_F

ClientSampleId :

280856



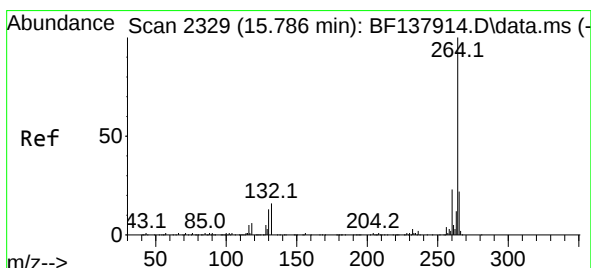
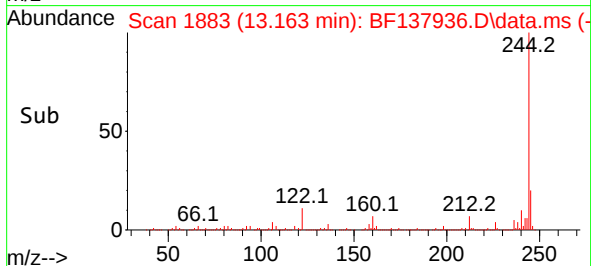
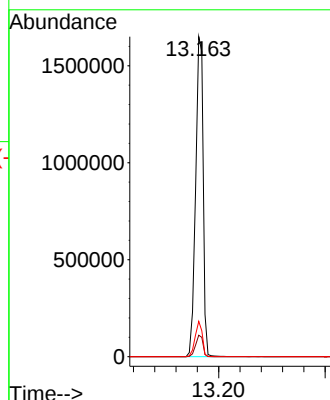
Tgt Ion:244 Resp: 1618509

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 11.0 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: BF137936.D

Acq: 17 May 2024 17:18

Tgt Ion:264 Resp: 288274

Ion Ratio Lower Upper

264 100

260 22.5 18.3 27.5

265 20.9 17.6 26.4

