

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137925.D
 Acq On : 17 May 2024 11:50
 Operator : CG\JU
 Sample : PB160948BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160948BL

Quant Time: May 17 12:24:33 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)

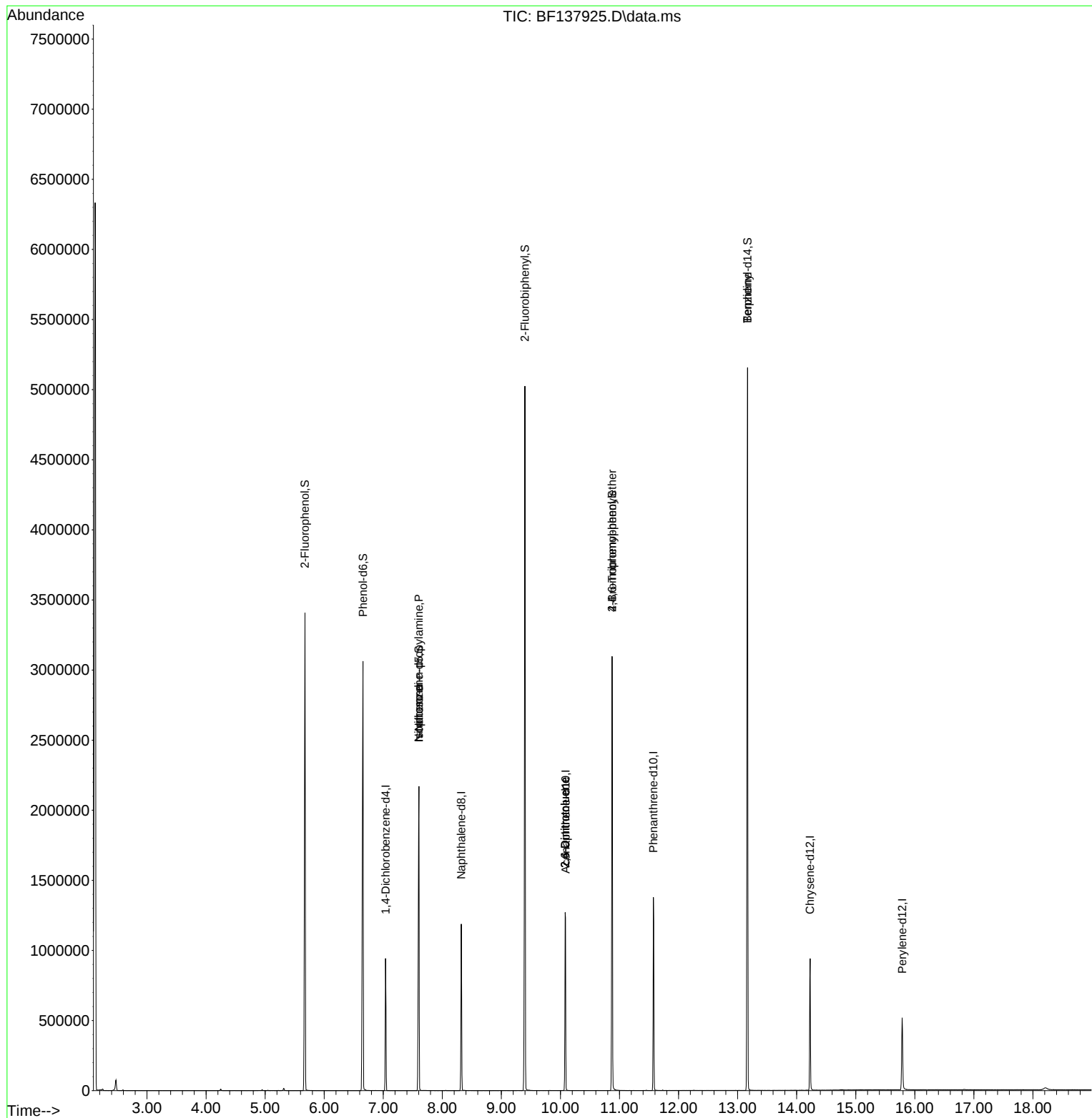
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	133912	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	515410	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	287035	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	509039	20.000	ng	0.00
76) Chrysene-d12	14.227	240	313175	20.000	ng	0.00
86) Perylene-d12	15.786	264	254904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1033392	131.084	ng	0.01
7) Phenol-d6	6.657	99	1245108	128.214	ng	0.00
23) Nitrobenzene-d5	7.604	82	768943	87.799	ng	0.00
42) 2,4,6-Tribromophenol	10.874	330	398384	137.651	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1638569	87.935	ng	0.00
79) Terphenyl-d14	13.168	244	1866988	87.860	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.604	70	102280	18.747	ng	# 75
25) Isophorone	7.604	82	768935	50.588	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	36664	8.875	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	36664	6.865	ng	# 33
67) 4-Bromophenyl-phenylether	10.874	248	26236	4.701	ng	# 1
77) Benzydine	13.168	184	22750	5.558	ng	# 92

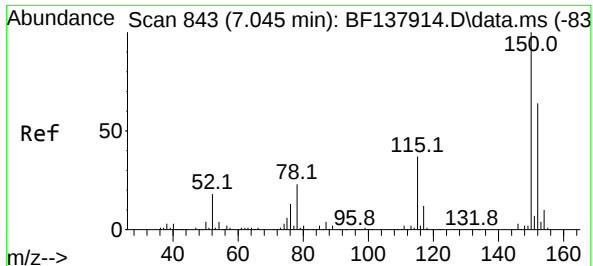
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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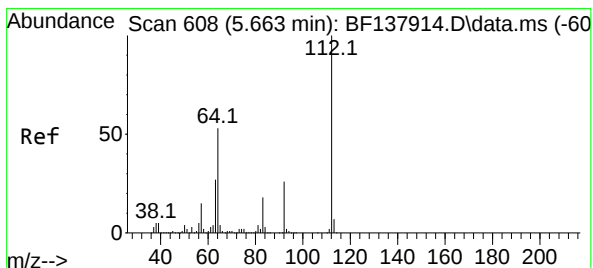
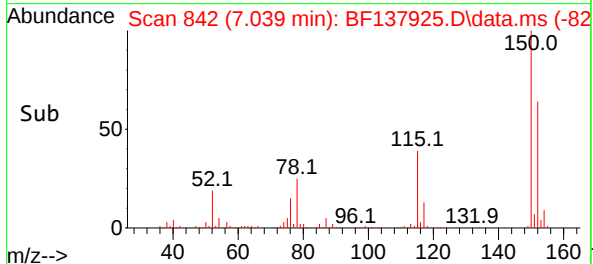
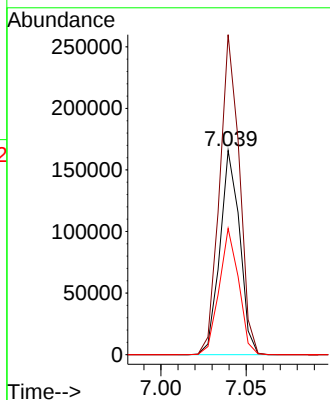
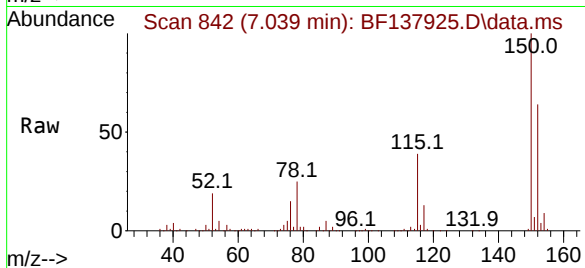




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137925.D
Acq: 17 May 2024 11:50

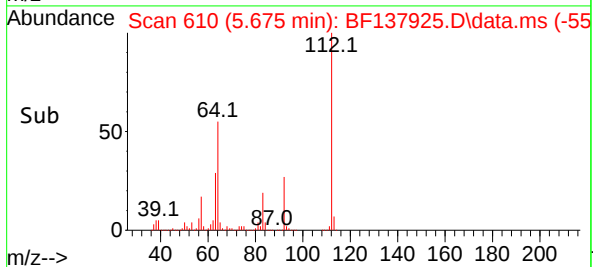
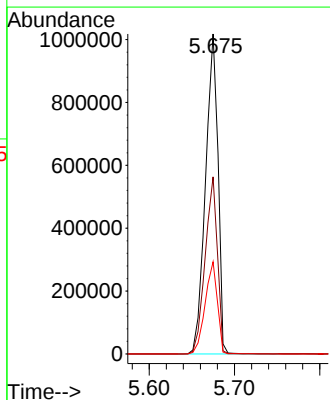
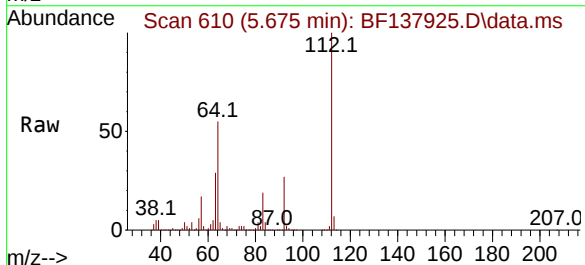
Instrument :
BNA_F
ClientSampleId :
PB160948BL

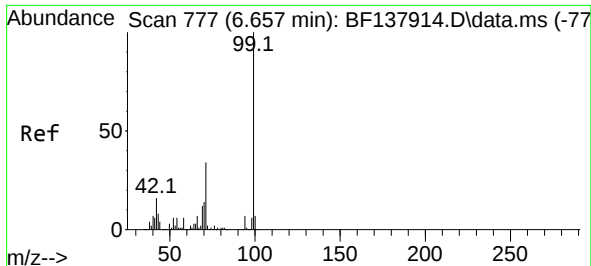
Tgt Ion:152 Resp: 133912
Ion Ratio Lower Upper
152 100
150 156.7 125.7 188.5
115 61.8 47.0 70.6



#5
2-Fluorophenol
Concen: 131.084 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137925.D
Acq: 17 May 2024 11:50

Tgt Ion:112 Resp: 1033392
Ion Ratio Lower Upper
112 100
64 55.3 42.4 63.6
63 28.8 21.4 32.2

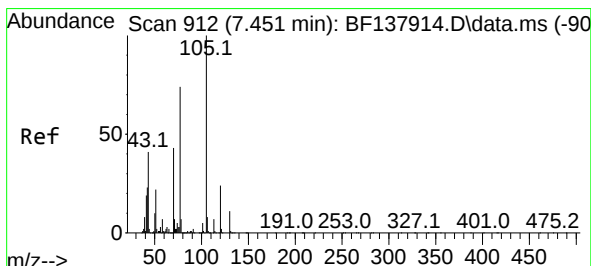
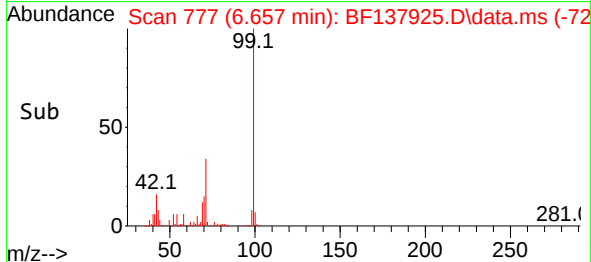
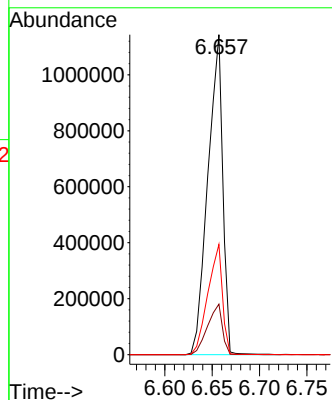
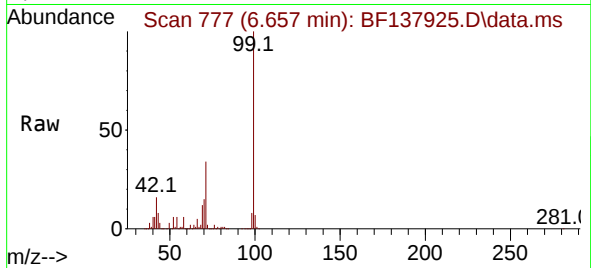




#7
Phenol-d6
Concen: 128.214 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137925.D
Acq: 17 May 2024 11:50

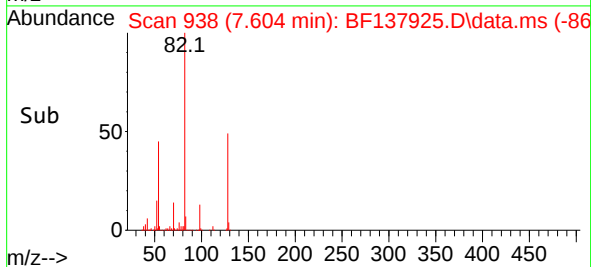
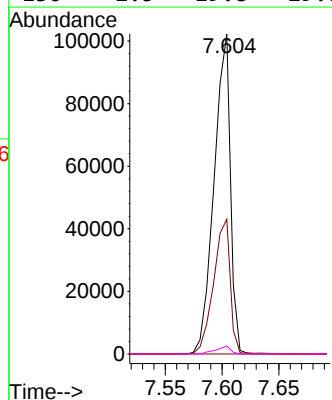
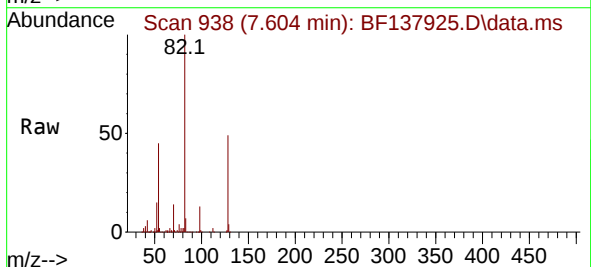
Instrument :
BNA_F
ClientSampleId :
PB160948BL

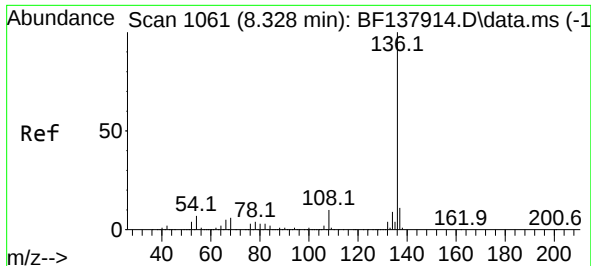
Tgt Ion: 99 Resp: 1245108
Ion Ratio Lower Upper
99 100
42 15.8 12.6 18.8
71 34.5 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.747 ng
RT: 7.604 min Scan# 938
Delta R.T. 0.153 min
Lab File: BF137925.D
Acq: 17 May 2024 11:50

Tgt Ion: 70 Resp: 102280
Ion Ratio Lower Upper
70 100
42 42.1 42.2 63.4#
101 0.0 8.8 13.2#
130 2.5 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: BF137925.D
Acq: 17 May 2024 11:50

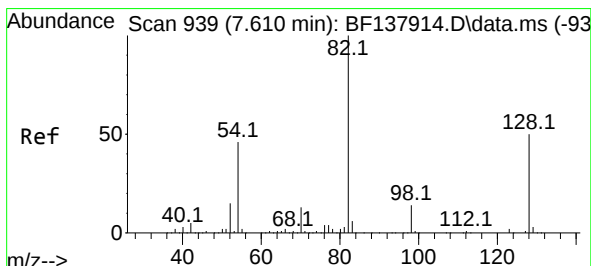
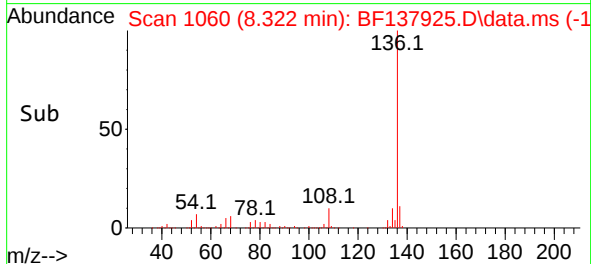
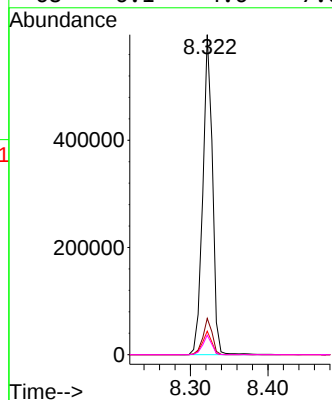
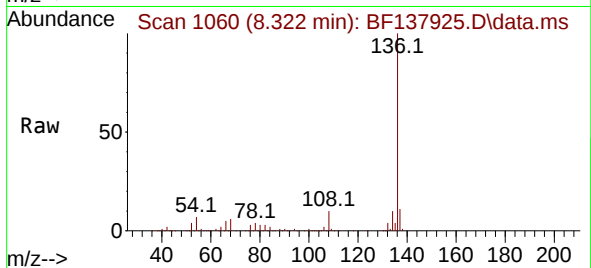
Instrument :

BNA_F

ClientSampleId :

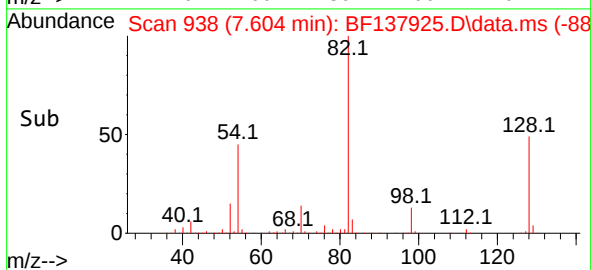
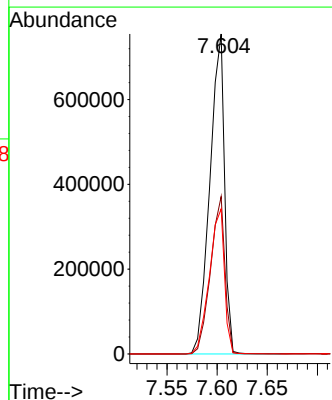
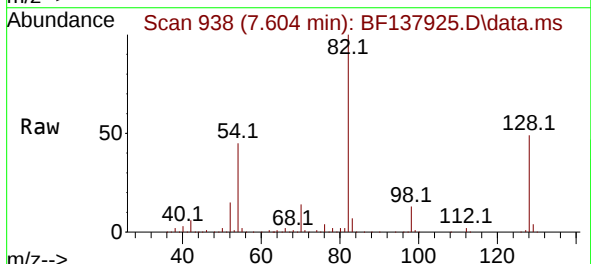
PB160948BL

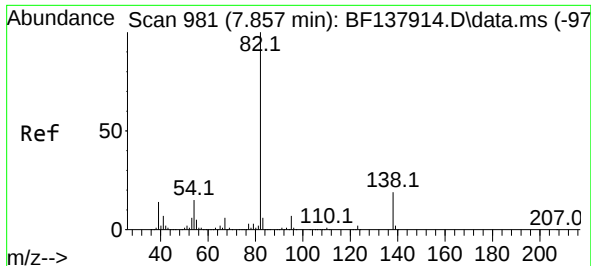
Tgt Ion:136 Resp: 515410
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 7.4 5.4 8.2
68 6.1 4.6 7.0



#23
Nitrobenzene-d5
Concen: 87.799 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF137925.D
Acq: 17 May 2024 11:50

Tgt Ion: 82 Resp: 768943
Ion Ratio Lower Upper
82 100
128 49.2 40.3 60.5
54 45.3 36.8 55.2

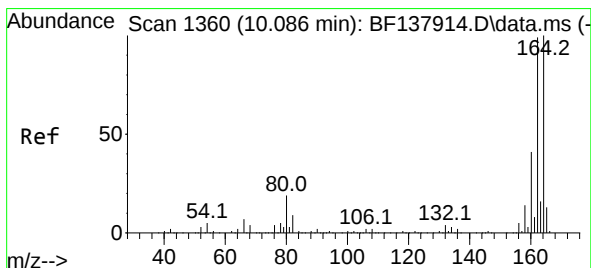
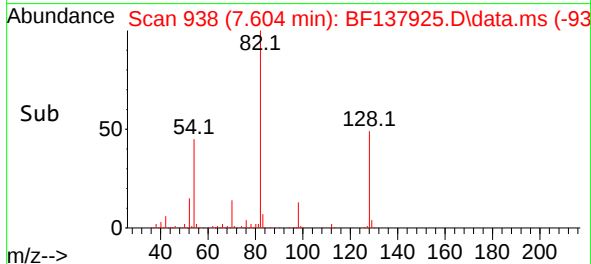
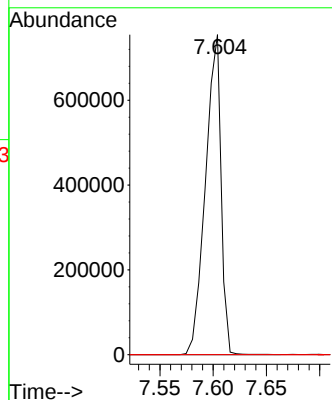
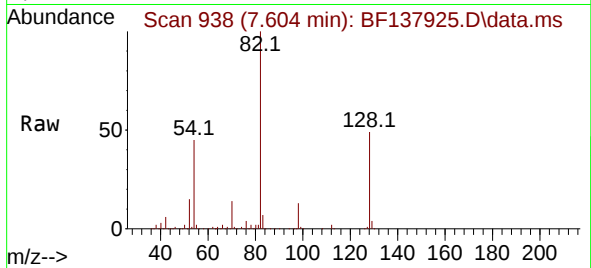




#25
Isophorone
Concen: 50.588 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.253 min
Lab File: BF137925.D
Acq: 17 May 2024 11:50

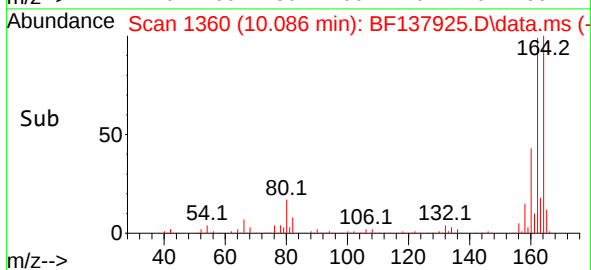
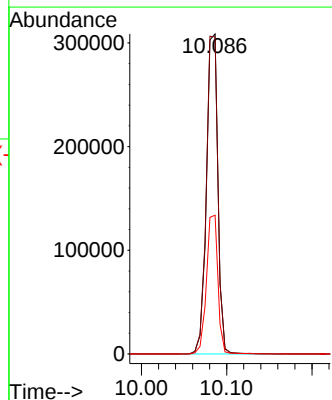
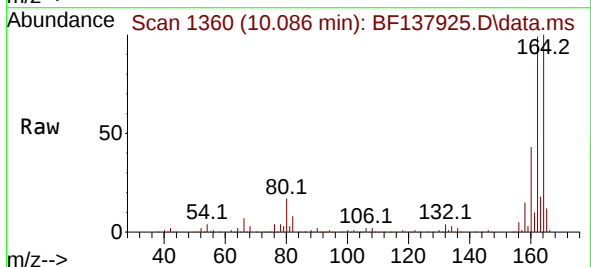
Instrument :
BNA_F
ClientSampleId :
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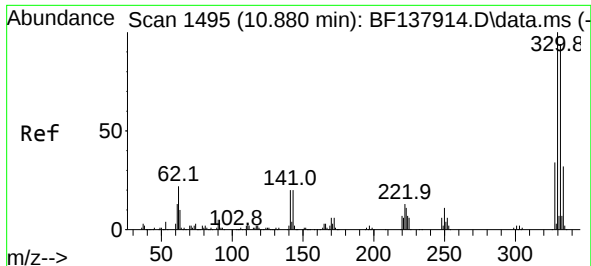
Tgt Ion: 82 Resp: 768935
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF137925.D
Acq: 17 May 2024 11:50

Tgt Ion:164 Resp: 287035
Ion Ratio Lower Upper
164 100
162 99.1 79.4 119.2
160 43.3 33.1 49.7

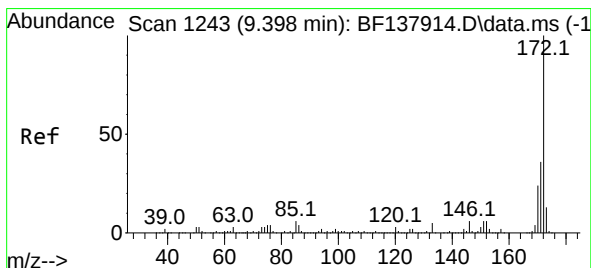
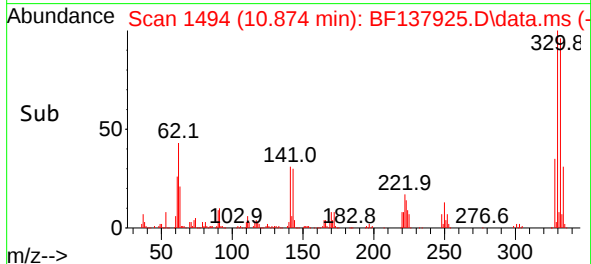
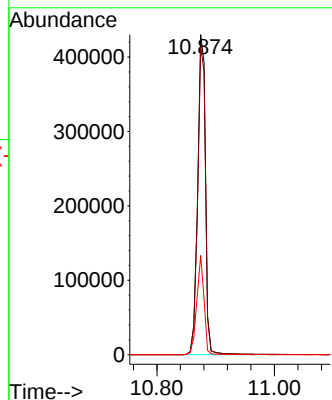
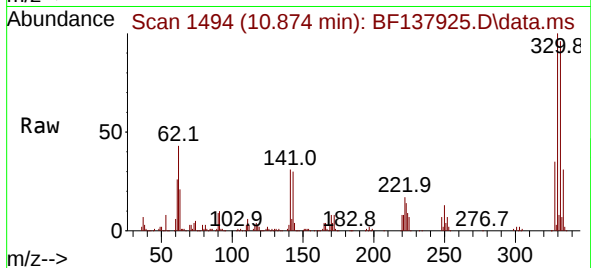




#42
2,4,6-Tribromophenol
Concen: 137.651 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137925.D
Acq: 17 May 2024 11:50

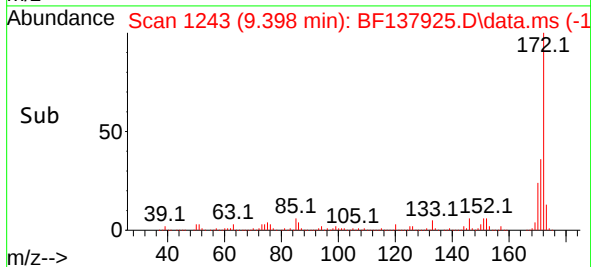
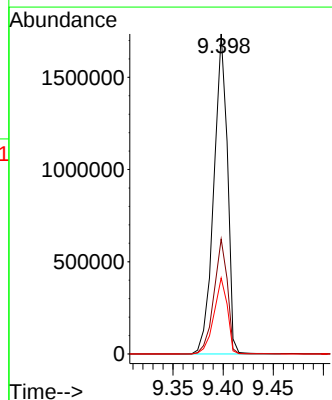
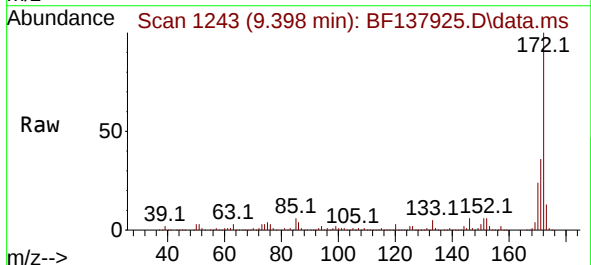
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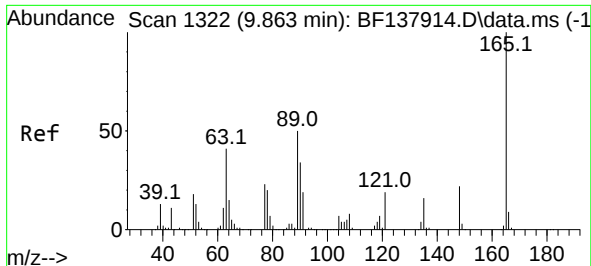
Tgt Ion:330 Resp: 398384
Ion Ratio Lower Upper
330 100
332 96.5 75.8 113.8
141 28.8 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 87.935 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF137925.D
Acq: 17 May 2024 11:50

Tgt Ion:172 Resp: 1638569
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 23.8 18.9 28.3

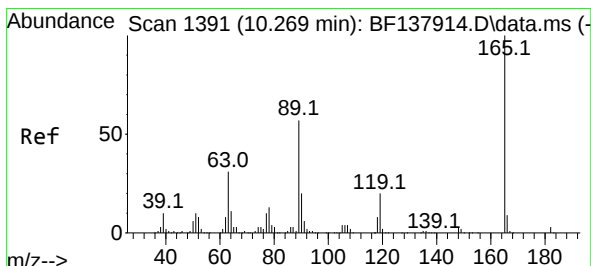
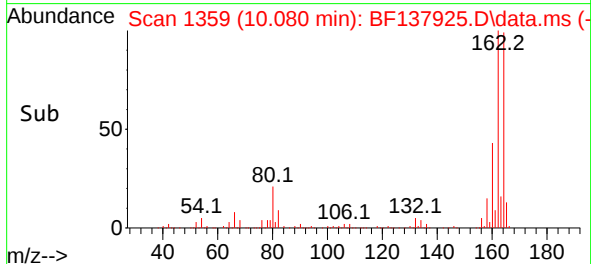
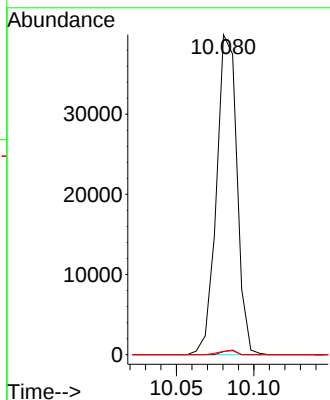
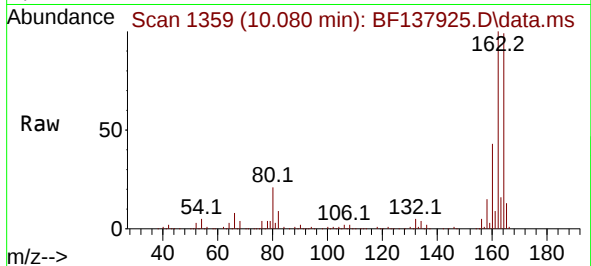




#51
2,6-Dinitrotoluene
Concen: 8.875 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF137925.D
Acq: 17 May 2024 11:50

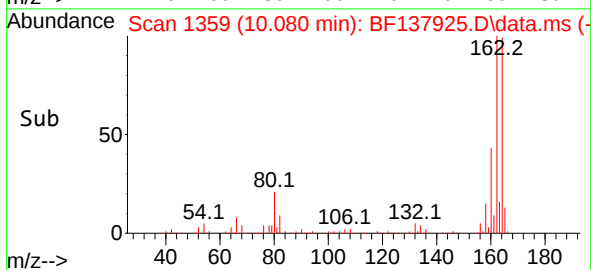
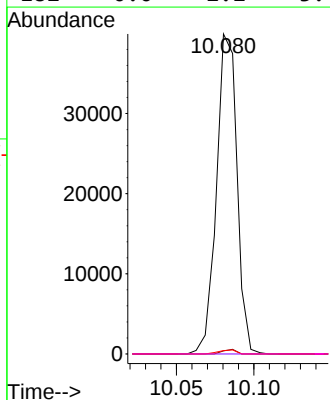
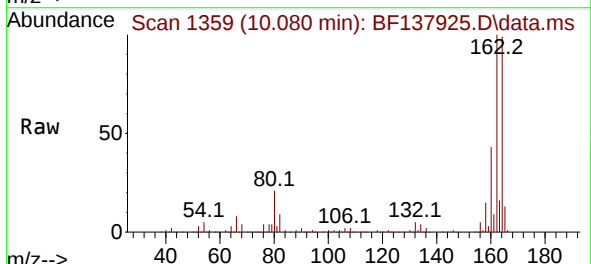
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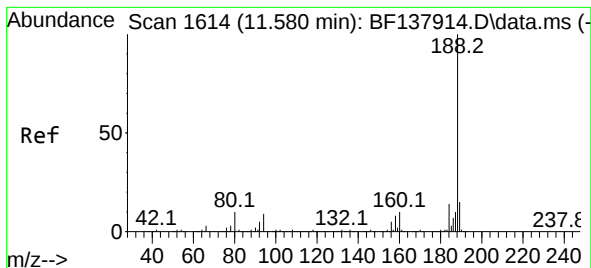
Tgt Ion:165 Resp: 36664
Ion Ratio Lower Upper
165 100
63 1.0 38.9 58.3#
89 1.0 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.865 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137925.D
Acq: 17 May 2024 11:50

Tgt Ion:165 Resp: 36664
Ion Ratio Lower Upper
165 100
63 1.0 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: 11.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137925.D

Acq: 17 May 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB160948BL

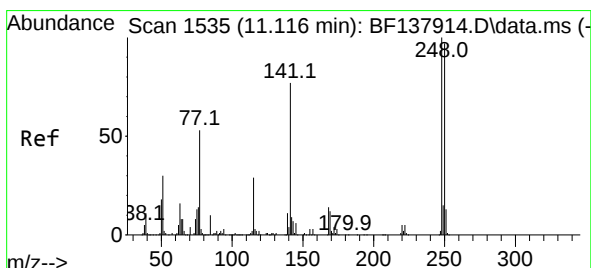
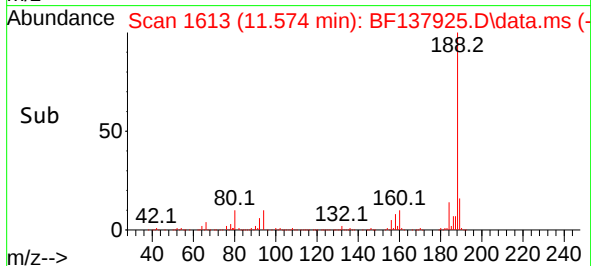
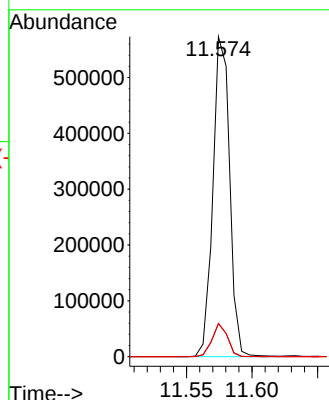
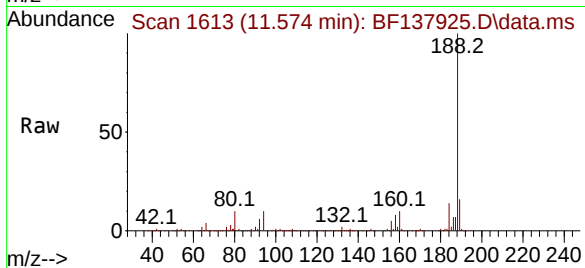
Tgt Ion:188 Resp: 509039

Ion Ratio Lower Upper

188 100

94 10.3 7.0 10.4

80 10.4 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.701 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137925.D

Acq: 17 May 2024 11:50

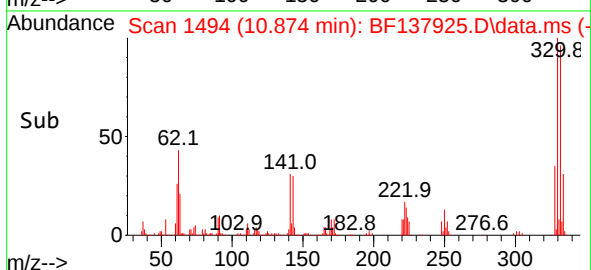
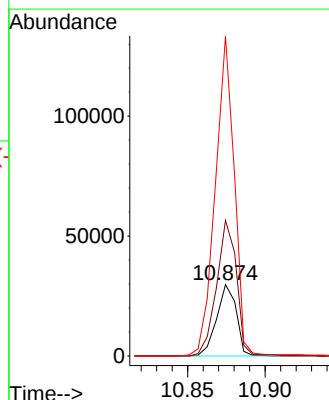
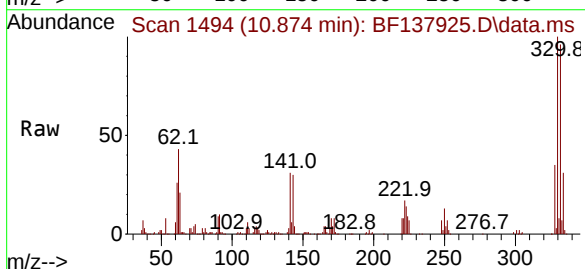
Tgt Ion:248 Resp: 26236

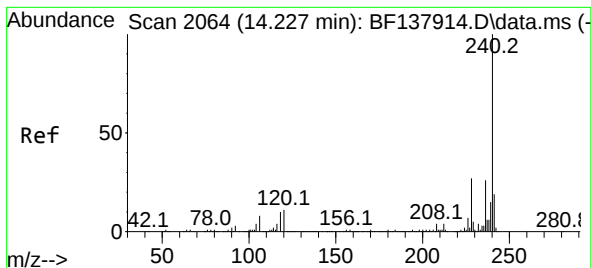
Ion Ratio Lower Upper

248 100

250 190.1 77.6 116.4#

141 448.4 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: BF137925.D

Acq: 17 May 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB160948BL

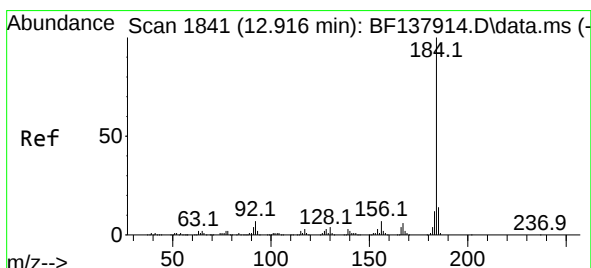
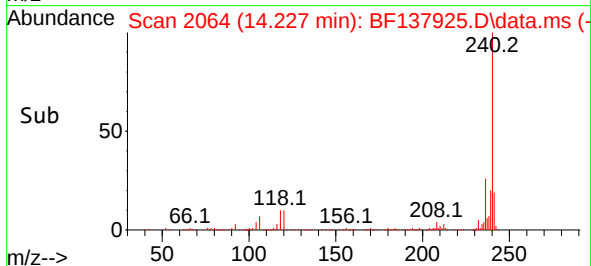
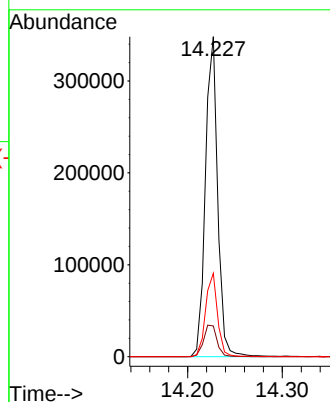
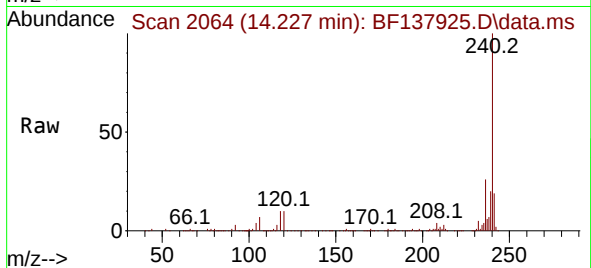
Tgt Ion:240 Resp: 313175

Ion Ratio Lower Upper

240 100

120 9.6 8.9 13.3

236 26.1 21.0 31.4



#77

Benzdine

Concen: 5.558 ng

RT: 13.168 min Scan# 1884

Delta R.T. 0.252 min

Lab File: BF137925.D

Acq: 17 May 2024 11:50

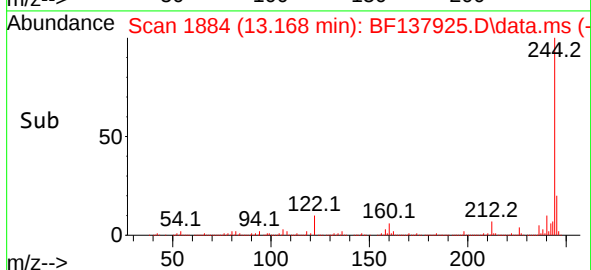
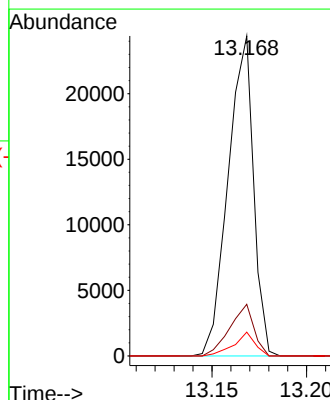
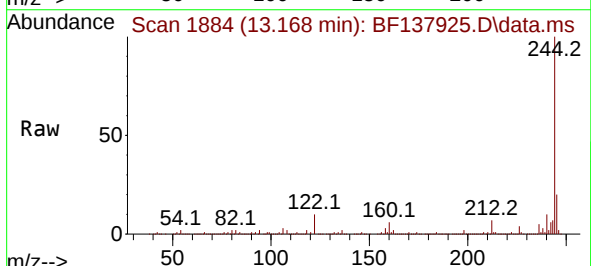
Tgt Ion:184 Resp: 22750

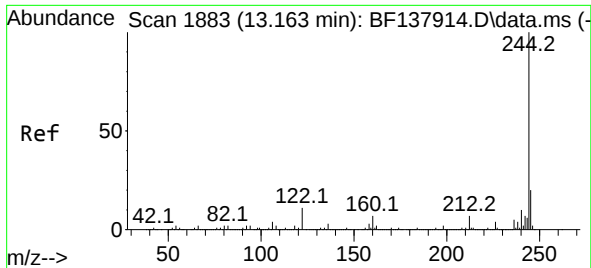
Ion Ratio Lower Upper

184 100

185 16.1 11.4 17.2

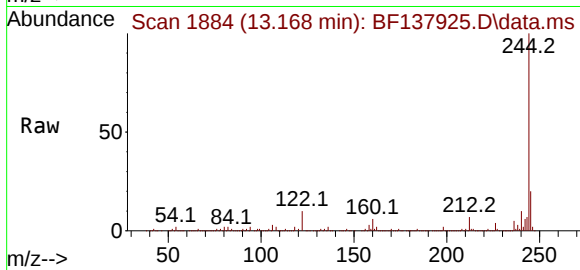
183 7.5 9.5 14.3#





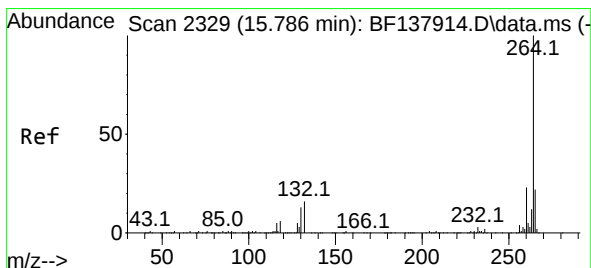
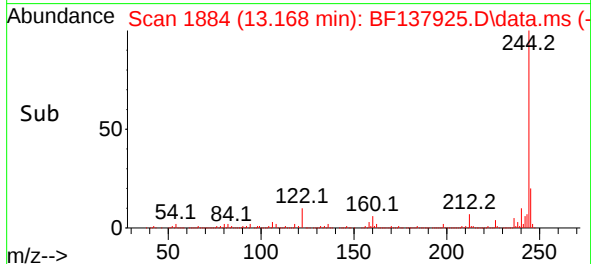
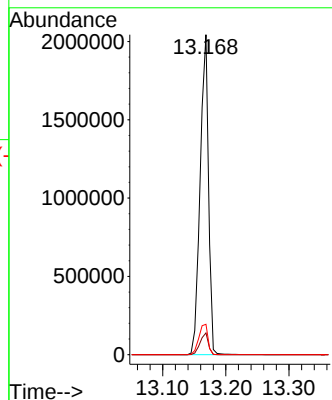
#79
 Terphenyl-d14
 Concen: 87.860 ng
 RT: 13.168 min Scan# 1883
 Delta R.T. 0.006 min
 Lab File: BF137925.D
 Acq: 17 May 2024 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB160948BL



Tgt Ion:244 Resp: 1866988

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	9.5	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: BF137925.D
 Acq: 17 May 2024 11:50

Tgt Ion:264 Resp: 254904

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.3	27.5
265	22.5	17.6	26.4

