

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137813.D
 Acq On : 02 May 2024 14:14
 Operator : CG\JU
 Sample : P2323-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 14:58:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

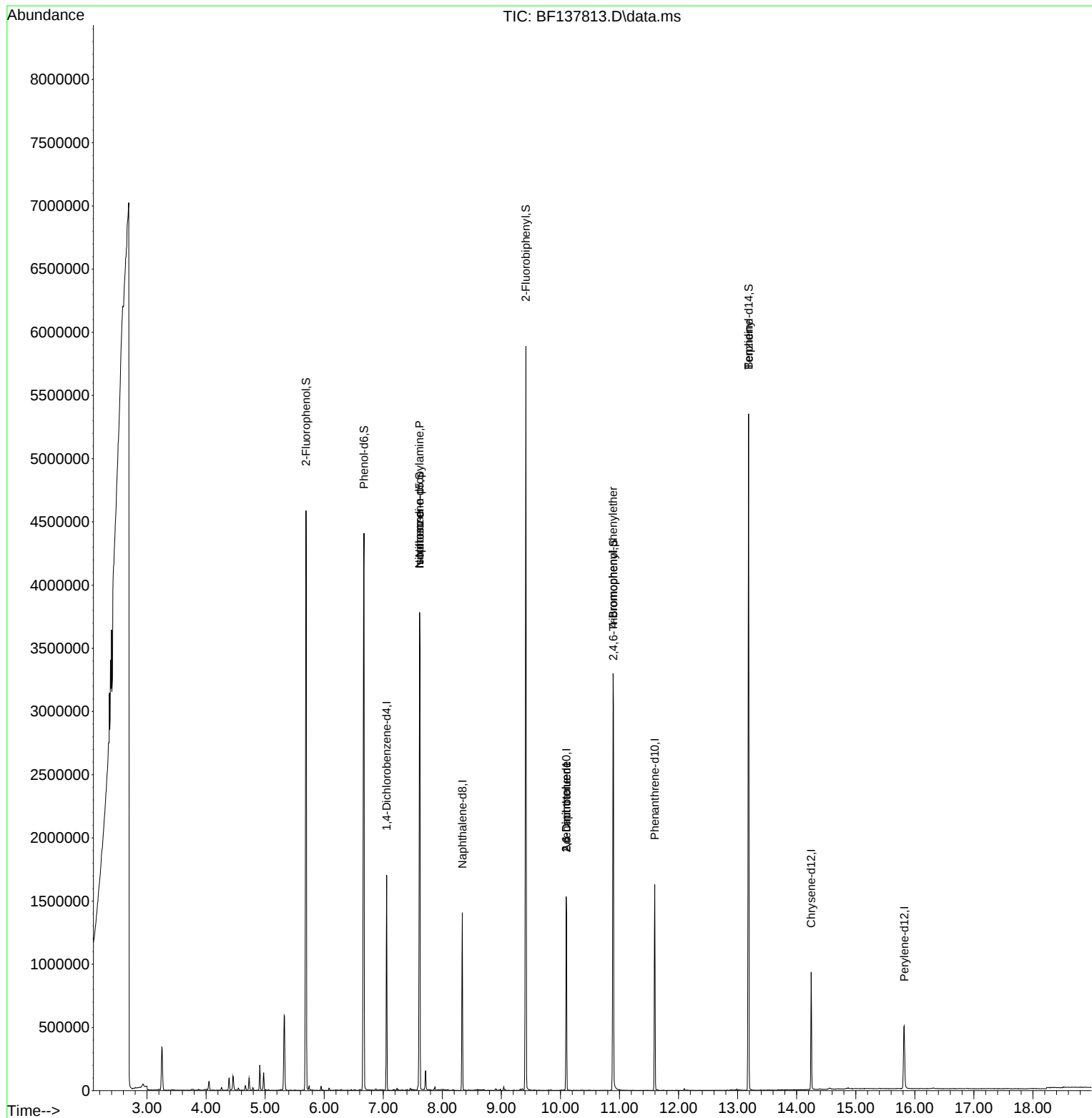
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	231132	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	607701	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	349788	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	571036	20.000	ng	0.00
76) Chrysene-d12	14.245	240	290090	20.000	ng	0.00
86) Perylene-d12	15.821	264	272538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	1529916	110.825	ng	0.02
7) Phenol-d6	6.675	99	1858853	106.159	ng	0.00
23) Nitrobenzene-d5	7.616	82	1385496	132.458	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	487090	136.385	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1942165	90.080	ng	0.00
79) Terphenyl-d14	13.186	244	1929164	111.449	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.616	70	182790	17.468	ng	Qvalue # 80
25) Isophorone	7.616	82	1385473	73.464	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	45064	8.930	ng	# 27
57) 2,4-Dinitrotoluene	10.098	165	45064	6.835	ng	# 27
67) 4-Bromophenyl-phenylether	10.892	248	31976	5.232	ng	# 1
77) Benzidine	13.186	184	23401	3.488	ng	# 92

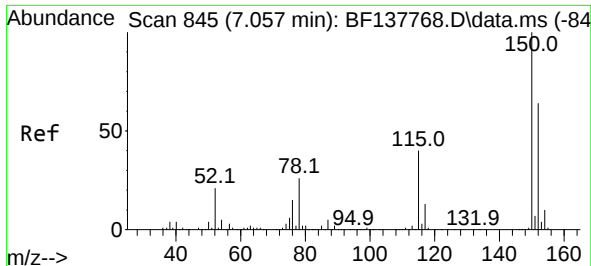
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137813.D
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Operator : CG\JU
Sample : P2323-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

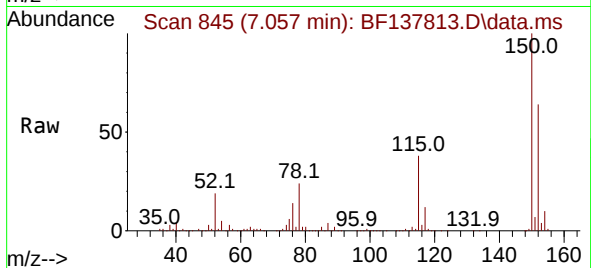
Quant Time: May 02 14:58:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration



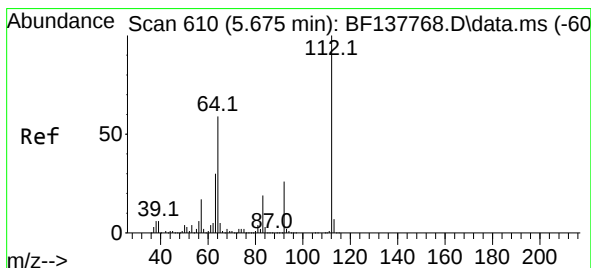
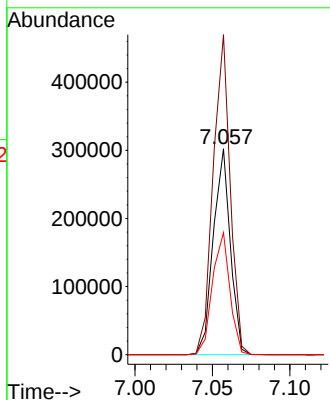
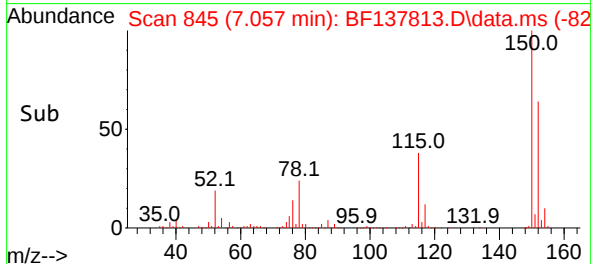


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137813.D
Acq: 02 May 2024 14:14

Instrument :
BNA_F
ClientSampleId :

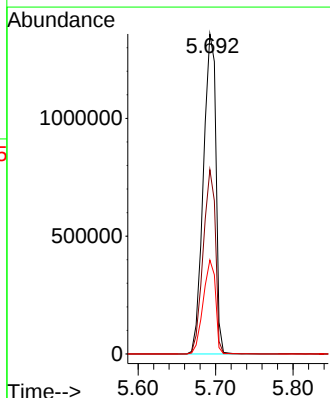
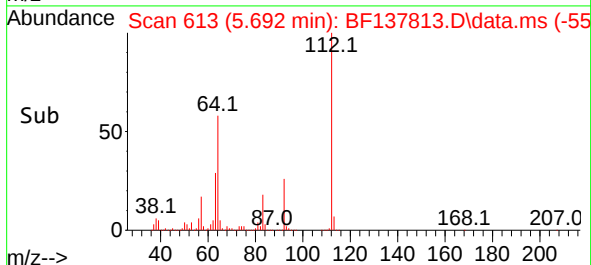
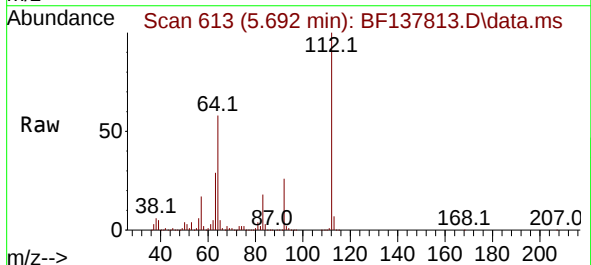


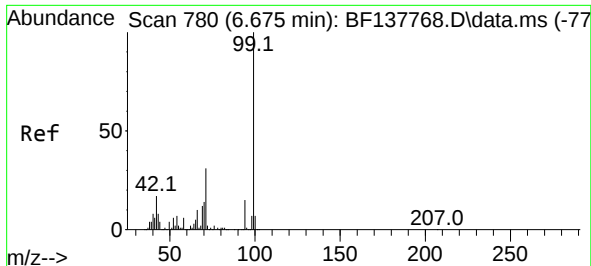
Tgt Ion:152 Resp: 231132
Ion Ratio Lower Upper
152 100
150 155.4 124.1 186.1
115 59.3 49.1 73.7



#5
2-Fluorophenol
Concen: 110.825 ng
RT: 5.692 min Scan# 613
Delta R.T. 0.018 min
Lab File: BF137813.D
Acq: 02 May 2024 14:14

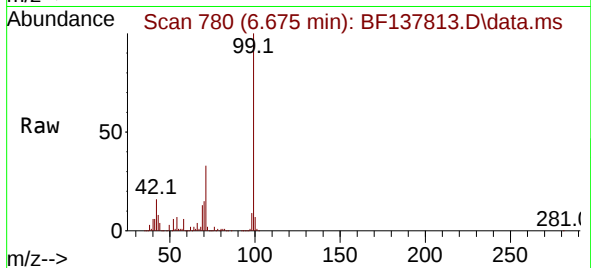
Tgt Ion:112 Resp: 1529916
Ion Ratio Lower Upper
112 100
64 57.6 47.3 70.9
63 29.4 23.7 35.5





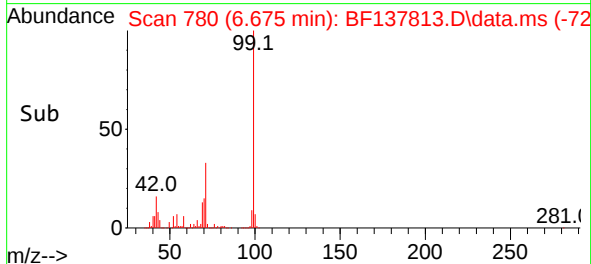
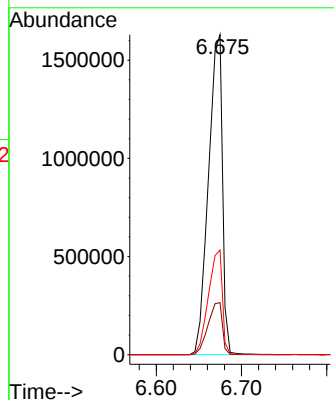
#7
Phenol-d6
Concen: 106.159 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF137813.D
Acq: 02 May 2024 14:14

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1858853

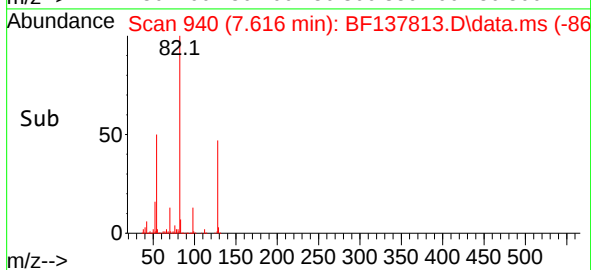
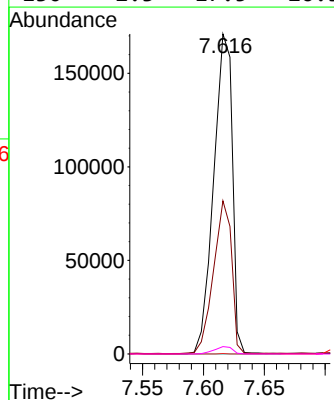
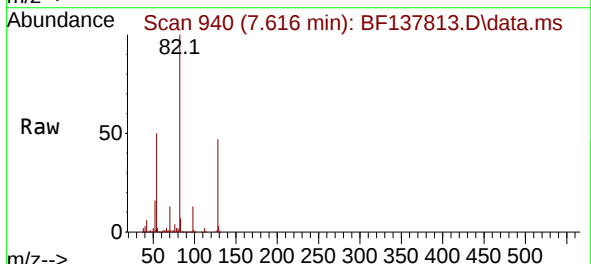
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.2	19.8
71	32.7	25.0	37.4

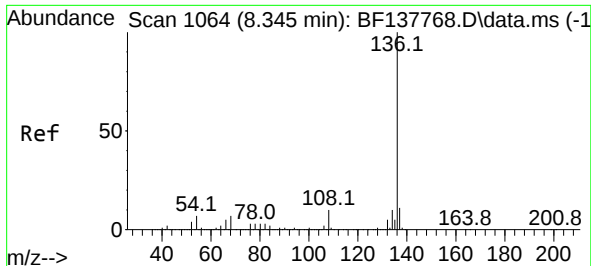


#19
n-Nitroso-di-n-propylamine
Concen: 17.468 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137813.D
Acq: 02 May 2024 14:14

Tgt Ion: 70 Resp: 182790

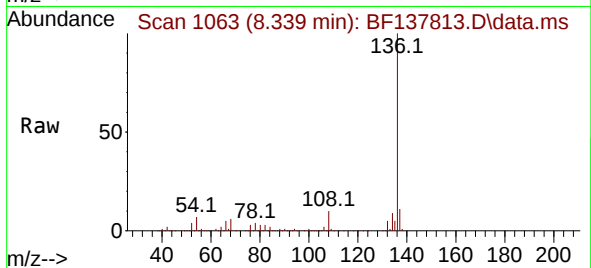
Ion	Ratio	Lower	Upper
70	100		
42	47.9	44.6	66.8
101	0.1	7.8	11.6#
130	2.3	17.5	26.3#





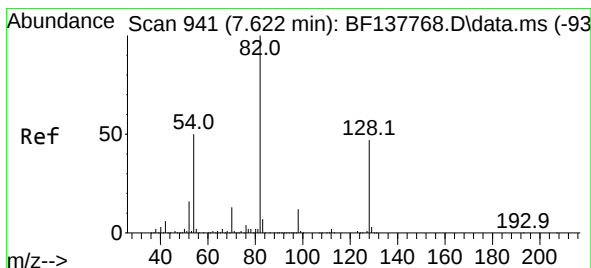
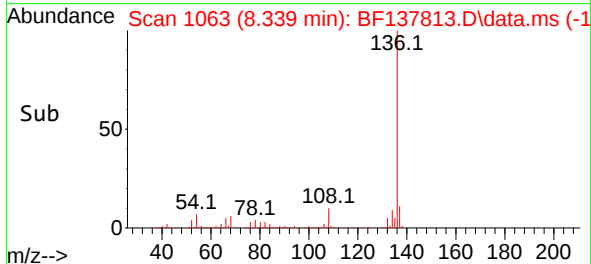
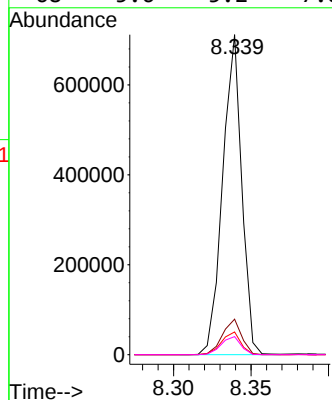
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137813.D
Acq: 02 May 2024 14:14

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 607701

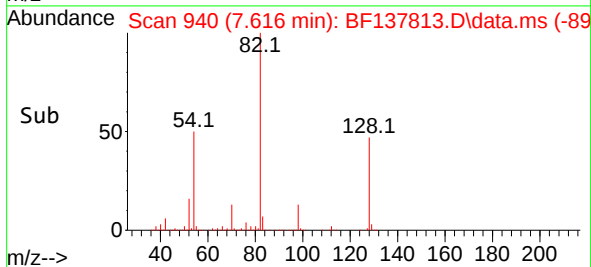
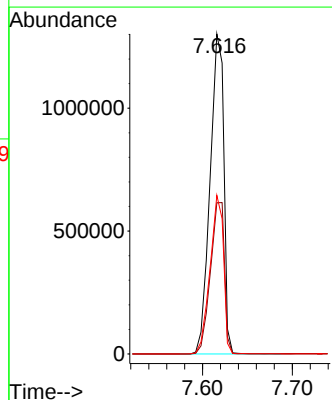
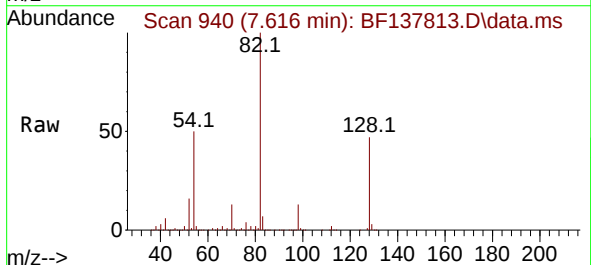
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.1	5.8	8.8
68	5.6	5.2	7.8

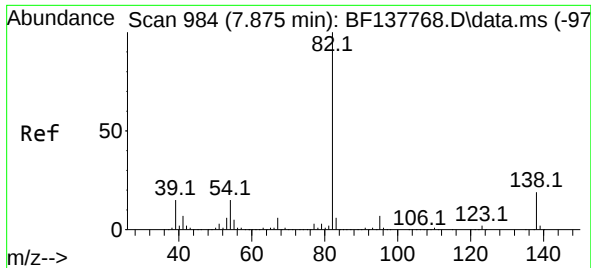


#23
Nitrobenzene-d5
Concen: 132.458 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137813.D
Acq: 02 May 2024 14:14

Tgt Ion: 82 Resp: 1385496

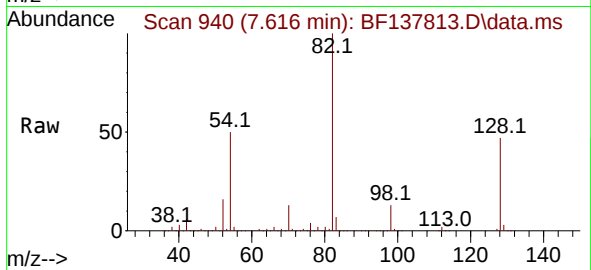
Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.5	56.3
54	49.5	39.8	59.6



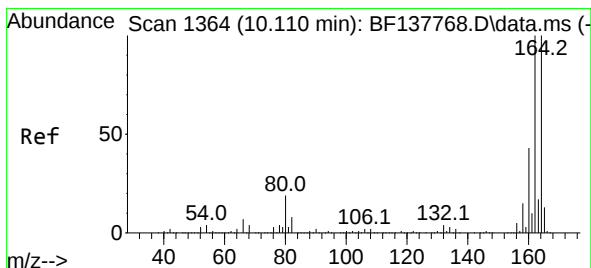
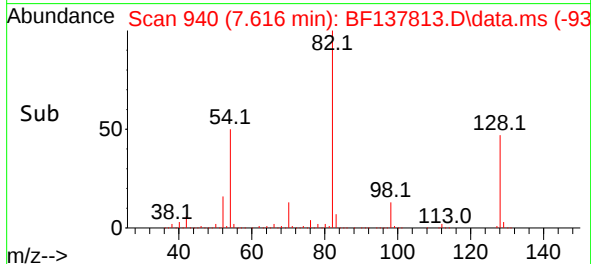
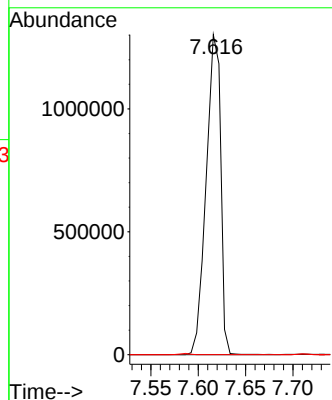


#25
Isophorone
Concen: 73.464 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137813.D
Acq: 02 May 2024 14:14

Instrument :
BNA_F
ClientSampleId :

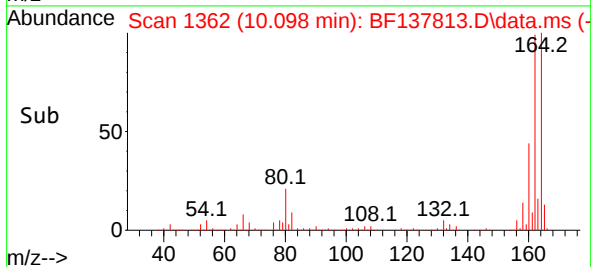
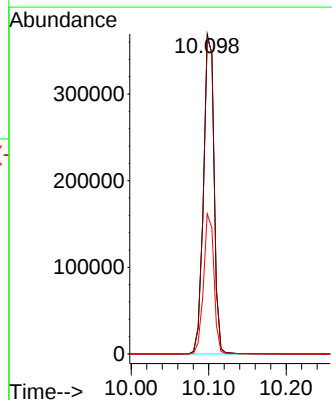
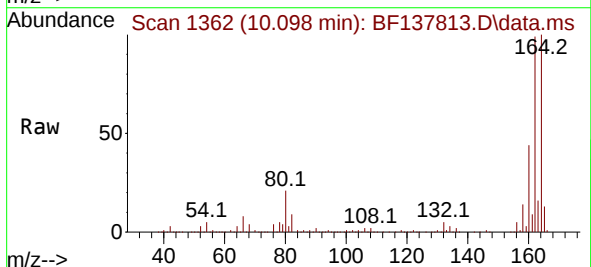


Tgt Ion: 82 Resp: 1385473
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137813.D
Acq: 02 May 2024 14:14

Tgt Ion:164 Resp: 349788
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.6
160 43.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 136.385 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.000 min

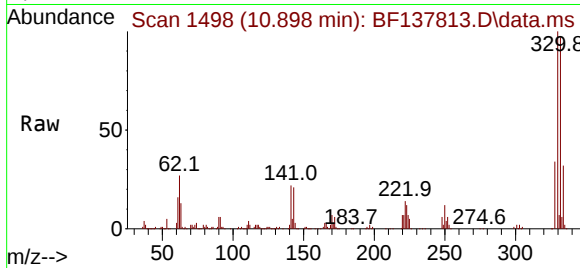
Lab File: BF137813.D

Acq: 02 May 2024 14:14

Instrument :

BNA_F

ClientSampleId :



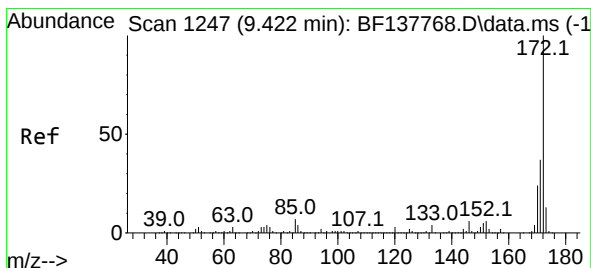
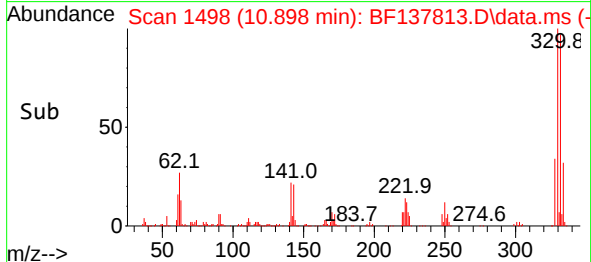
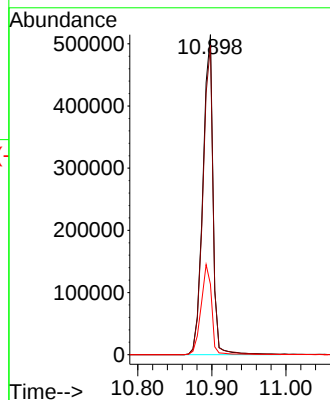
Tgt Ion:330 Resp: 487090

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 29.4 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 90.080 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137813.D

Acq: 02 May 2024 14:14

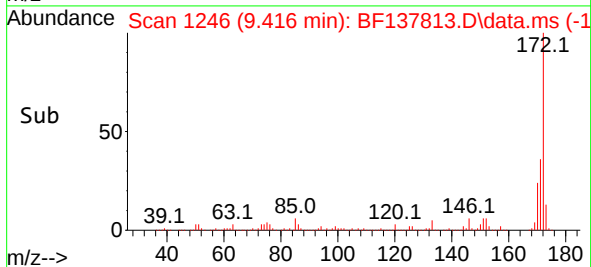
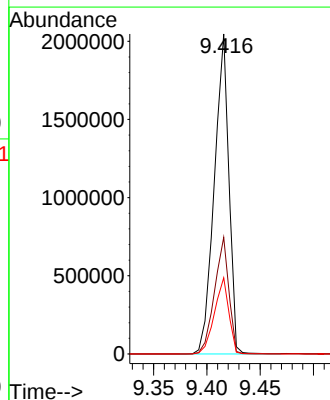
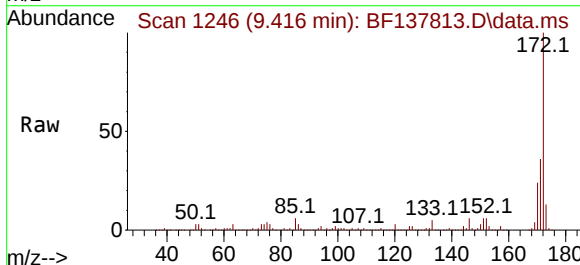
Tgt Ion:172 Resp: 1942165

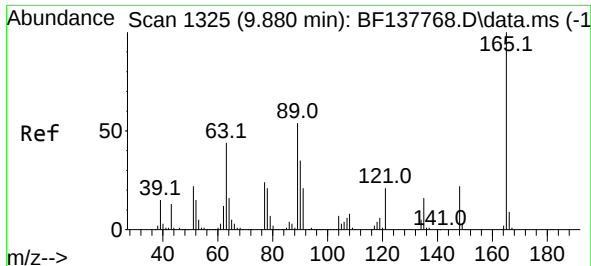
Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

170 23.8 19.4 29.2

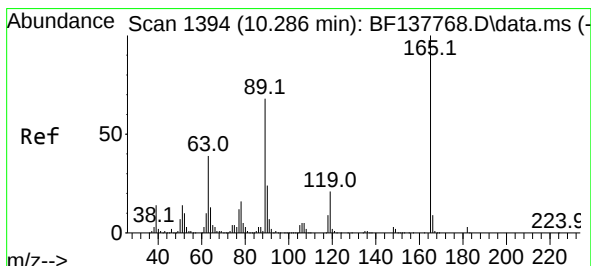
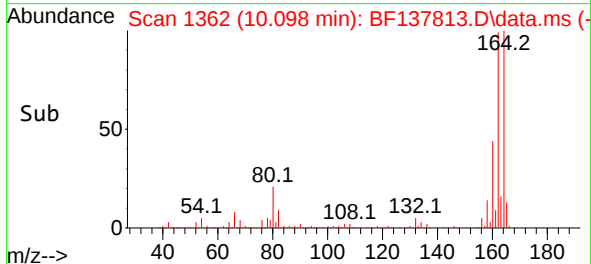
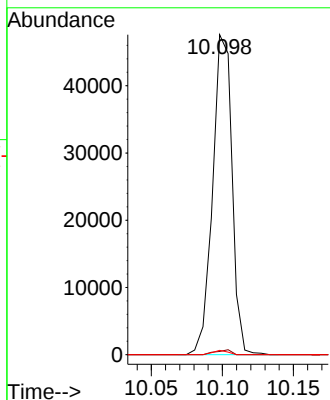
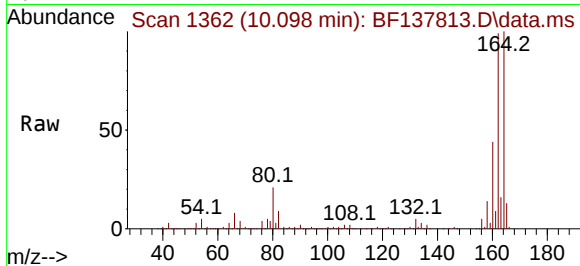




#51
2,6-Dinitrotoluene
Concen: 8.930 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.218 min
Lab File: BF137813.D
Acq: 02 May 2024 14:14

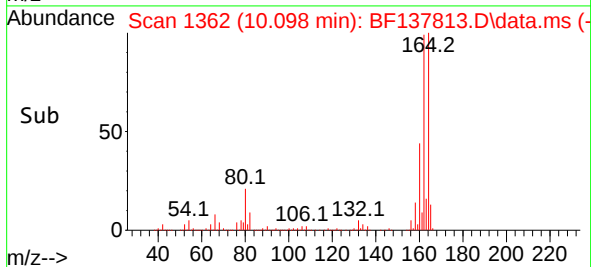
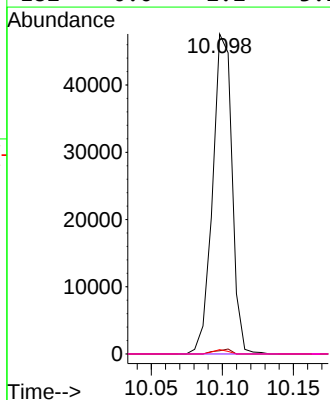
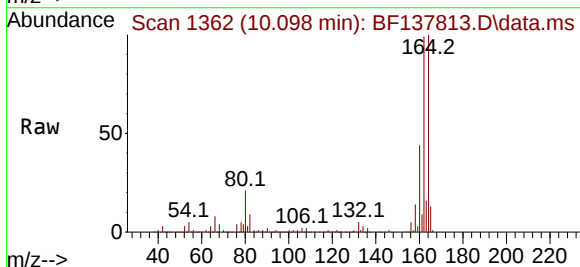
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 45064
Ion Ratio Lower Upper
165 100
63 1.0 41.9 62.9#
89 1.3 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.835 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137813.D
Acq: 02 May 2024 14:14

Tgt Ion:165 Resp: 45064
Ion Ratio Lower Upper
165 100
63 1.0 31.3 46.9#
89 1.3 54.2 81.4#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137813.D

Acq: 02 May 2024 14:14

Instrument :

BNA_F

ClientSampleId :

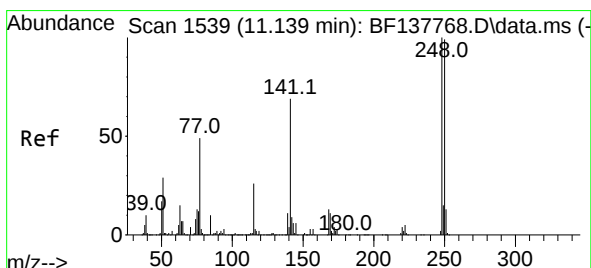
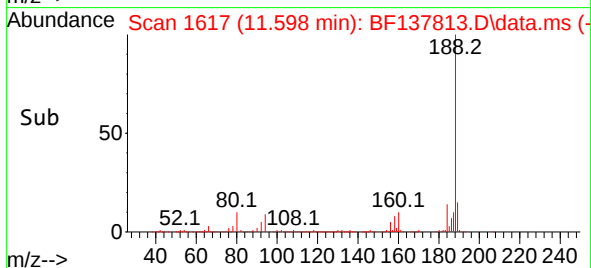
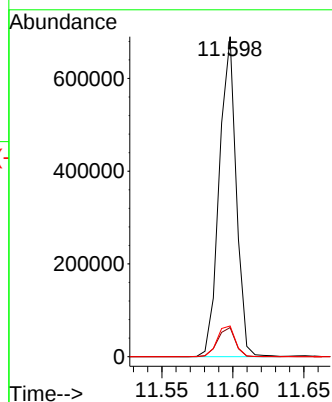
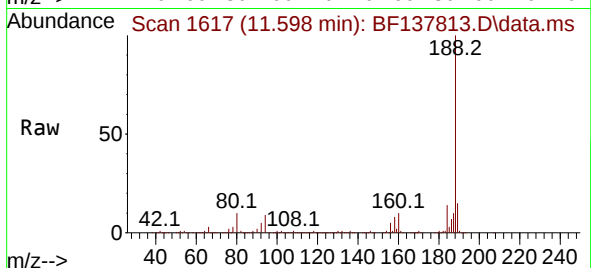
Tgt Ion:188 Resp: 571036

Ion Ratio Lower Upper

188 100

94 9.1 8.8 13.2

80 9.6 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 5.232 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.247 min

Lab File: BF137813.D

Acq: 02 May 2024 14:14

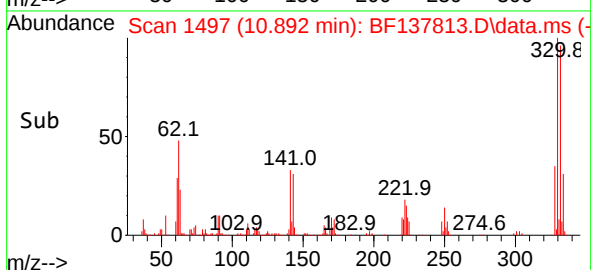
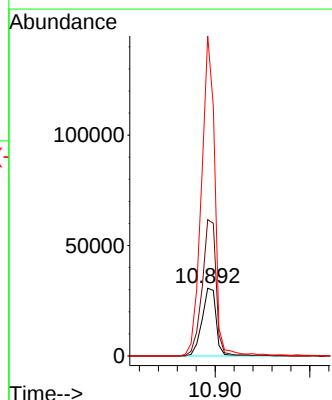
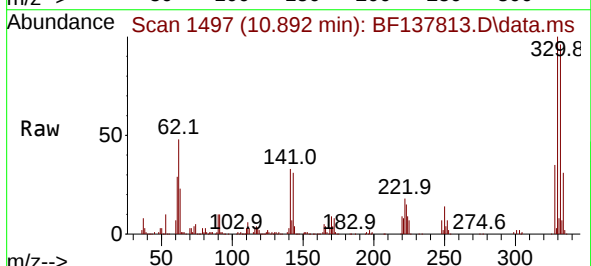
Tgt Ion:248 Resp: 31976

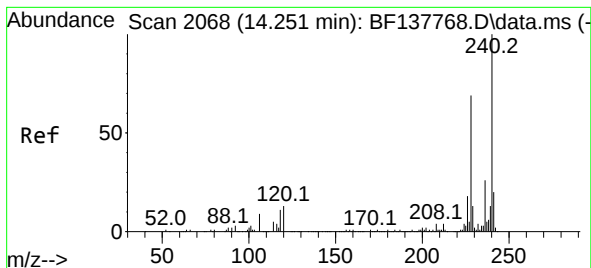
Ion Ratio Lower Upper

248 100

250 201.6 79.1 118.7#

141 473.1 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BF137813.D

Acq: 02 May 2024 14:14

Instrument :

BNA_F

ClientSampleId :

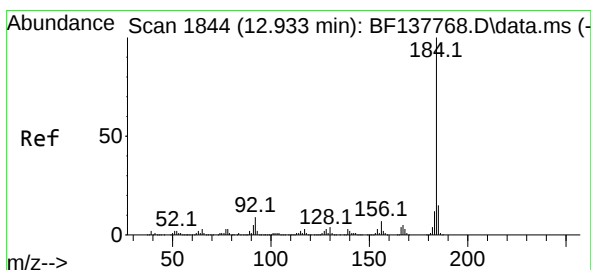
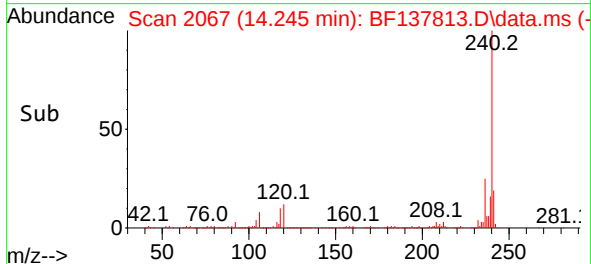
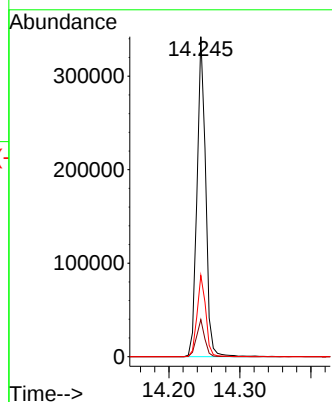
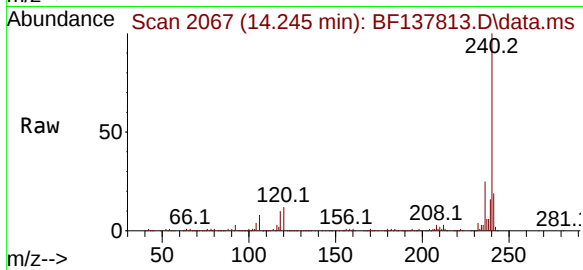
Tgt Ion:240 Resp: 290090

Ion Ratio Lower Upper

240 100

120 11.6 10.4 15.6

236 25.4 20.4 30.6



#77

Benzidine

Concen: 3.488 ng

RT: 13.186 min Scan# 1887

Delta R.T. 0.253 min

Lab File: BF137813.D

Acq: 02 May 2024 14:14

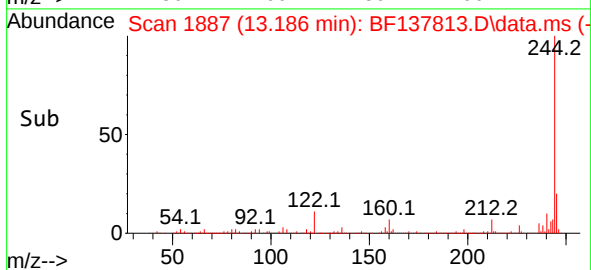
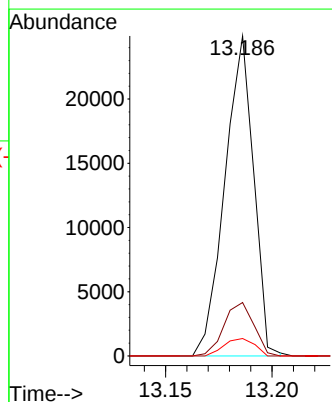
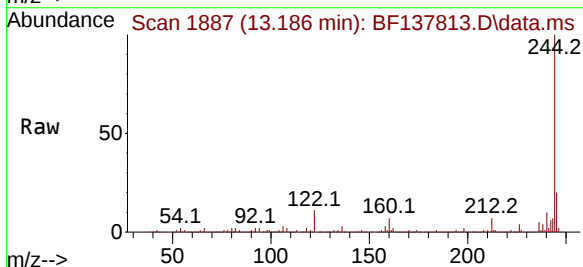
Tgt Ion:184 Resp: 23401

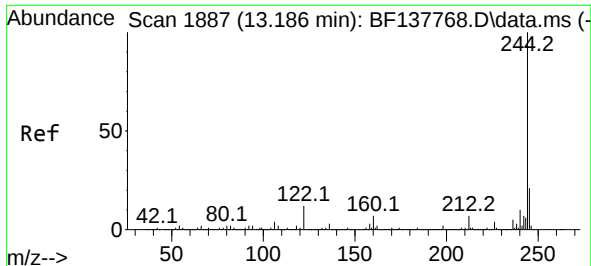
Ion Ratio Lower Upper

184 100

185 16.7 12.3 18.5

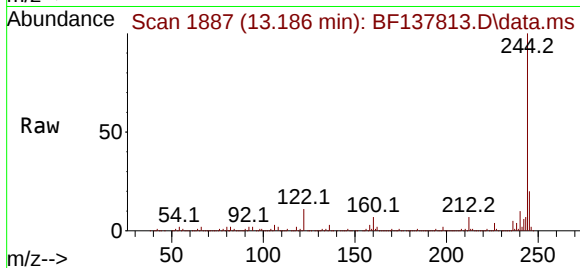
183 5.5 9.2 13.8#



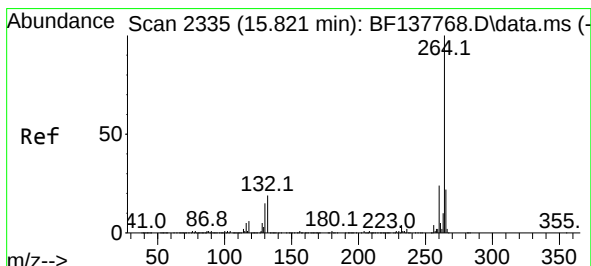
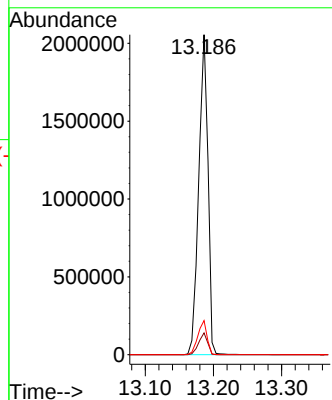
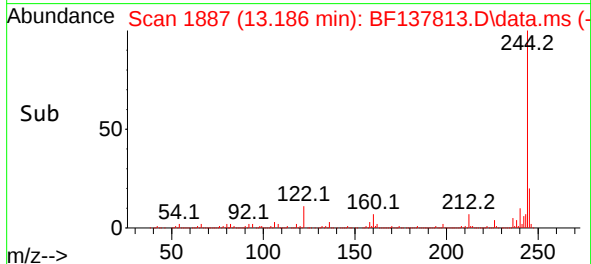


#79
 Terphenyl-d14
 Concen: 111.449 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. -0.000 min
 Lab File: BF137813.D
 Acq: 02 May 2024 14:14

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1929164
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.7 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.821 min Scan# 2335
 Delta R.T. -0.000 min
 Lab File: BF137813.D
 Acq: 02 May 2024 14:14

Tgt Ion:264 Resp: 272538
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 21.3 17.4 26.0

