

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137814.D
 Acq On : 02 May 2024 14:45
 Operator : CG\JU
 Sample : P2323-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 15:50:55 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)

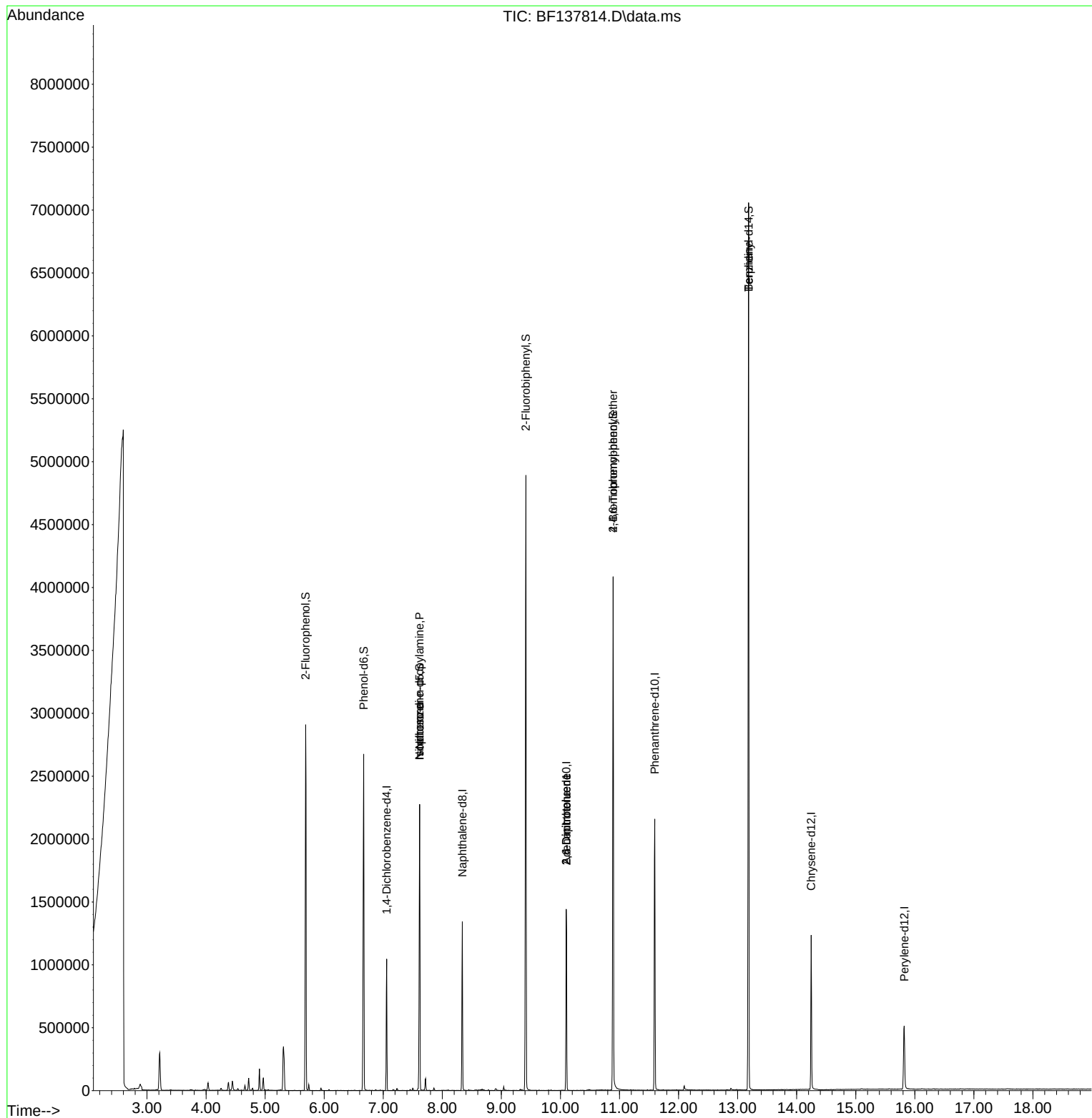
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	143170	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	549436	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	310391	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	768346	20.000	ng	0.00
76) Chrysene-d12	14.245	240	389939	20.000	ng	0.00
86) Perylene-d12	15.821	264	264288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	867136	101.406	ng	0.01
7) Phenol-d6	6.669	99	972255	89.640	ng	0.00
23) Nitrobenzene-d5	7.616	82	739493	78.195	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	544865	171.927	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1562807	81.685	ng	0.00
79) Terphenyl-d14	13.186	244	2429971	104.434	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.616	70	99140	15.295	ng	# 78
25) Isophorone	7.616	82	739478	43.368	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	39119	8.736	ng	# 27
57) 2,4-Dinitrotoluene	10.098	165	39119	6.687	ng	# 27
67) 4-Bromophenyl-phenylether	10.892	248	34780	4.230	ng	# 1
77) Benzidine	13.186	184	28666	3.179	ng	# 94

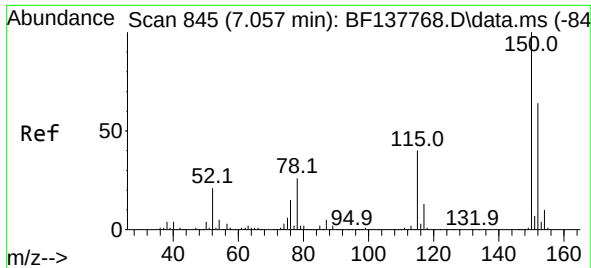
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137814.D
Acq On : 02 May 2024 14:45
Operator : CG\JU
Sample : P2323-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

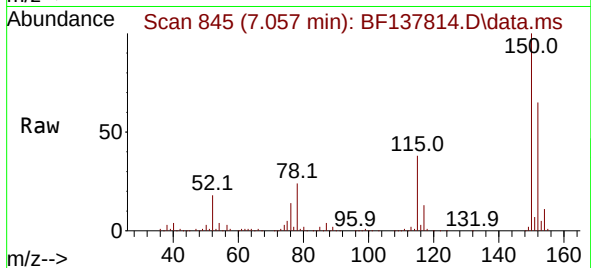
Quant Time: May 02 15:50:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration



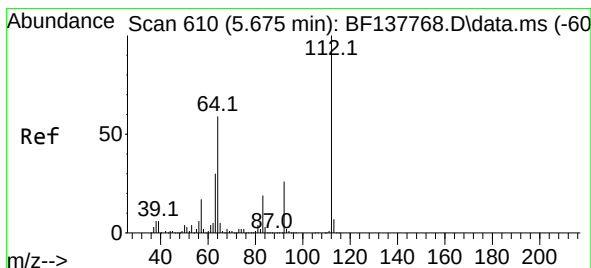
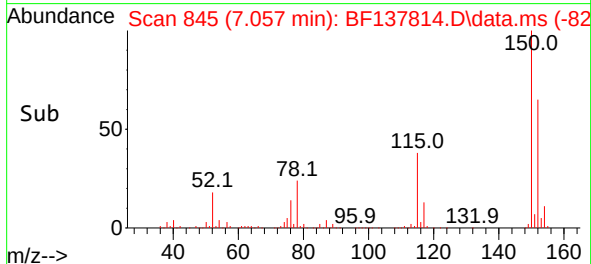
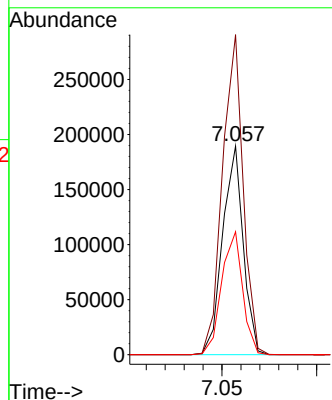


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137814.D
Acq: 02 May 2024 14:45

Instrument :
BNA_F
ClientSampleId :

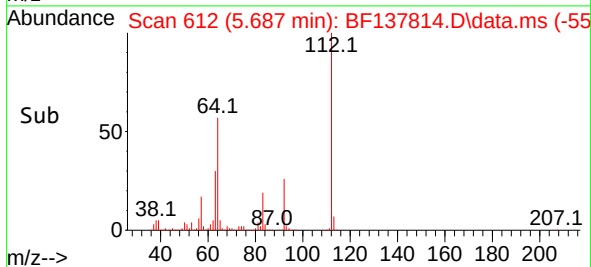
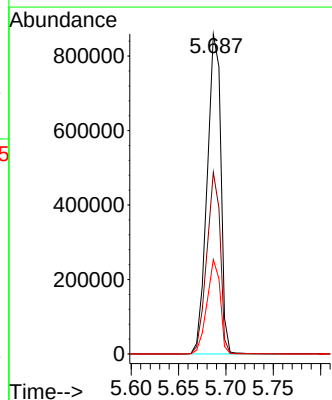
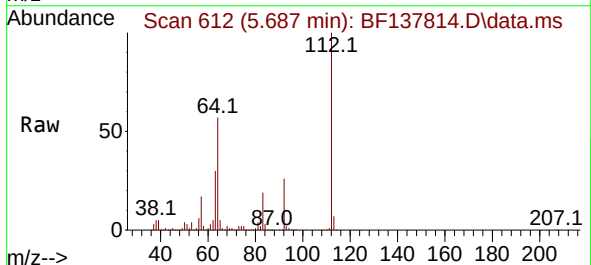


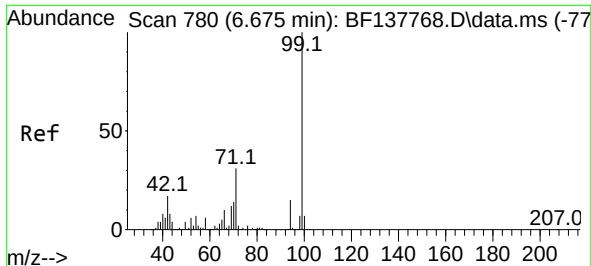
Tgt Ion:152 Resp: 143170
Ion Ratio Lower Upper
152 100
150 153.4 124.1 186.1
115 58.9 49.1 73.7



#5
2-Fluorophenol
Concen: 101.406 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137814.D
Acq: 02 May 2024 14:45

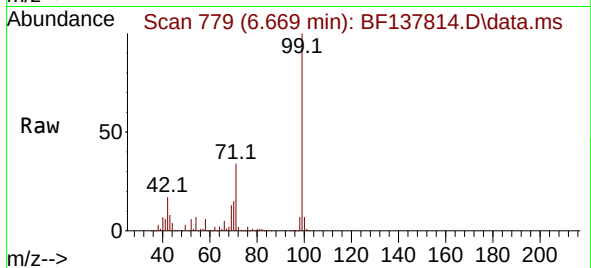
Tgt Ion:112 Resp: 867136
Ion Ratio Lower Upper
112 100
64 56.8 47.3 70.9
63 29.5 23.7 35.5



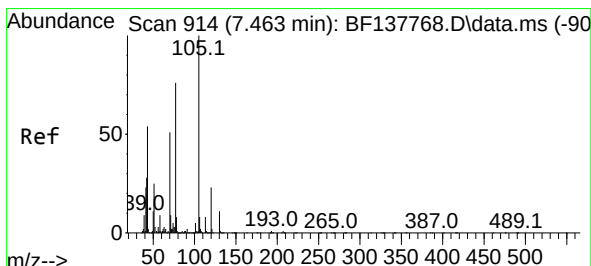
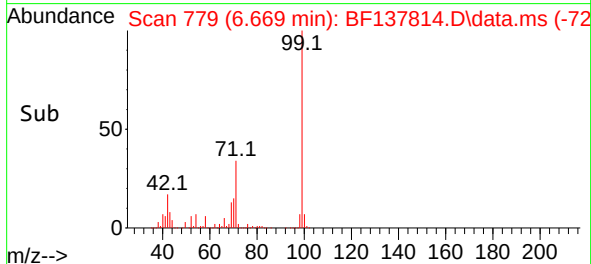
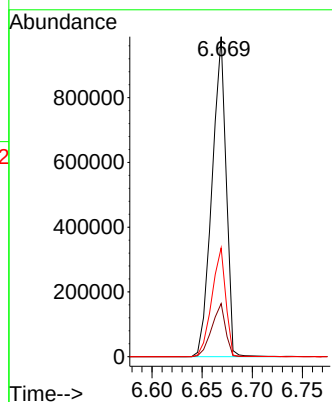


#7
Phenol-d6
Concen: 89.640 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137814.D
Acq: 02 May 2024 14:45

Instrument :
BNA_F
ClientSampleId :

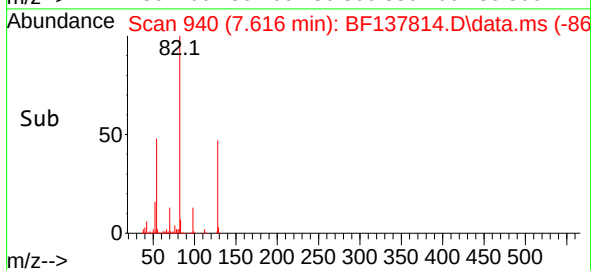
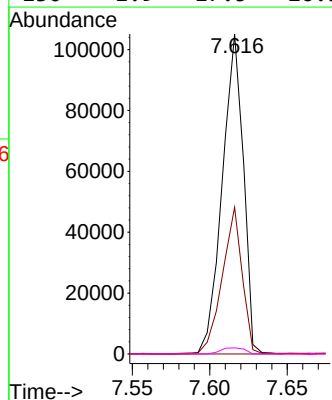
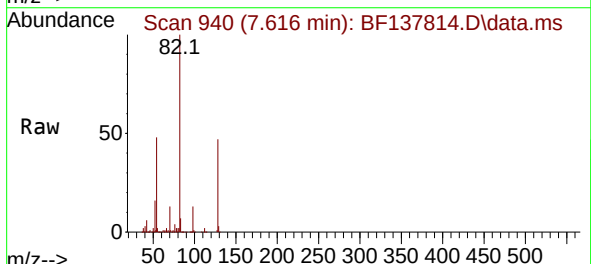


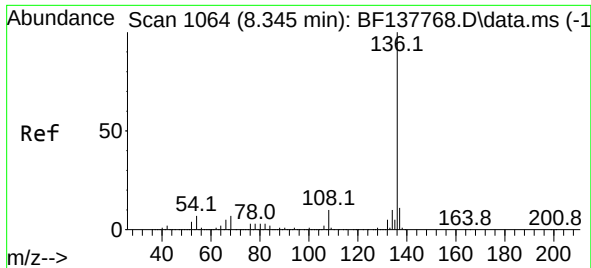
Tgt Ion: 99 Resp: 972255
Ion Ratio Lower Upper
99 100
42 16.6 13.2 19.8
71 34.0 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.295 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137814.D
Acq: 02 May 2024 14:45

Tgt Ion: 70 Resp: 99140
Ion Ratio Lower Upper
70 100
42 45.9 44.6 66.8
101 0.0 7.8 11.6#
130 1.9 17.5 26.3#

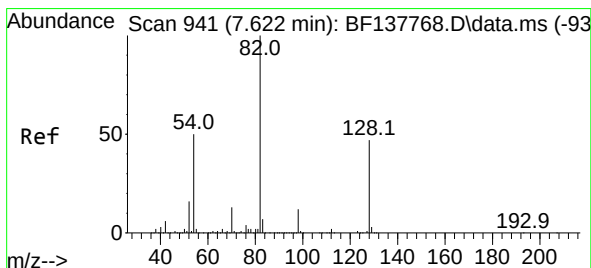
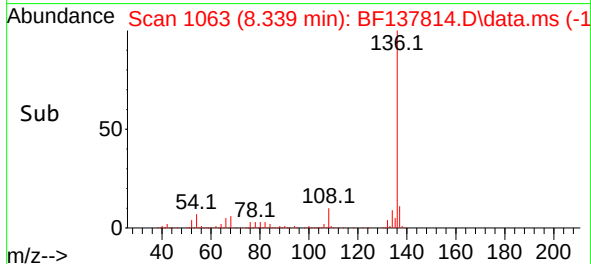
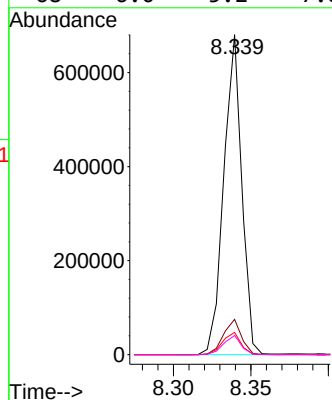
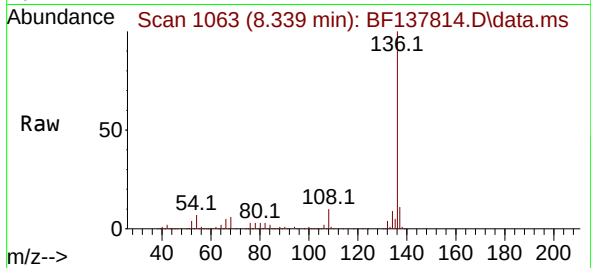




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137814.D
Acq: 02 May 2024 14:45

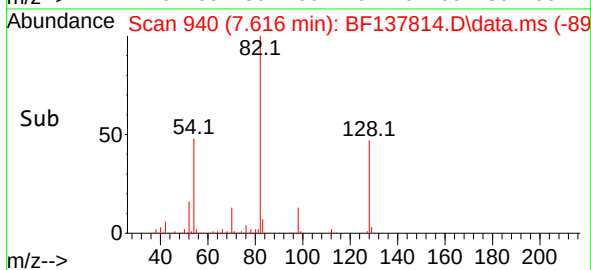
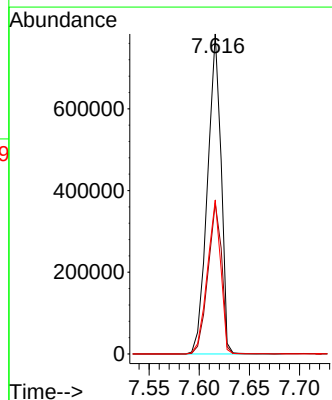
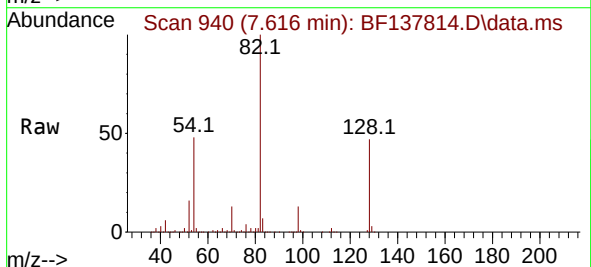
Instrument :
BNA_F
ClientSampleId :

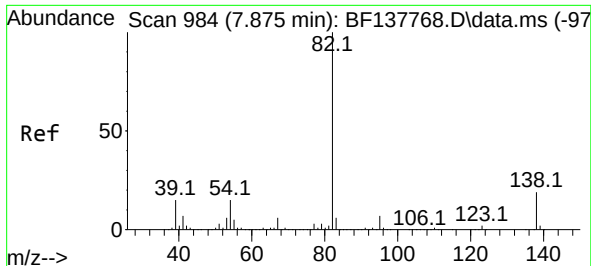
Tgt	Ion:136	Resp:	549436
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.0	5.8	8.8
68	6.0	5.2	7.8



#23
Nitrobenzene-d5
Concen: 78.195 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137814.D
Acq: 02 May 2024 14:45

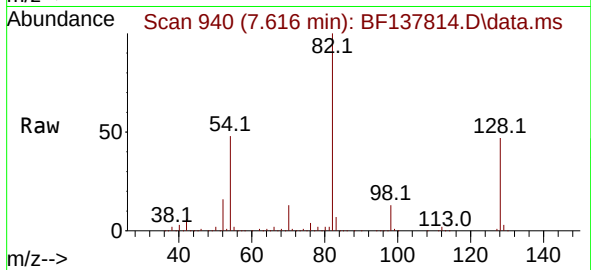
Tgt Ion: 82	Resp: 739493
Ion Ratio	Lower Upper
82 100	
128 47.2	37.5 56.3
54 48.1	39.8 59.6



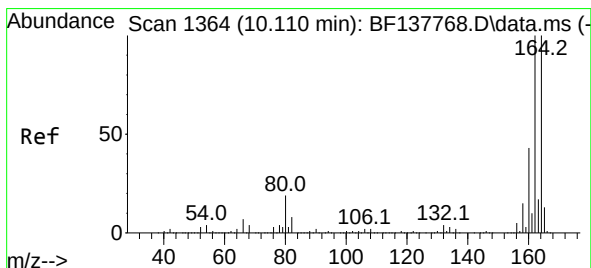
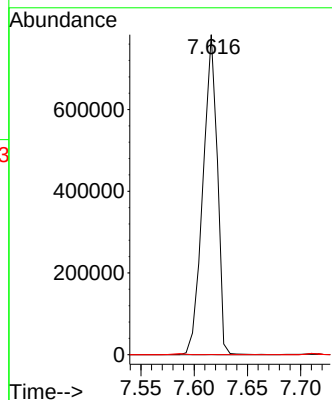
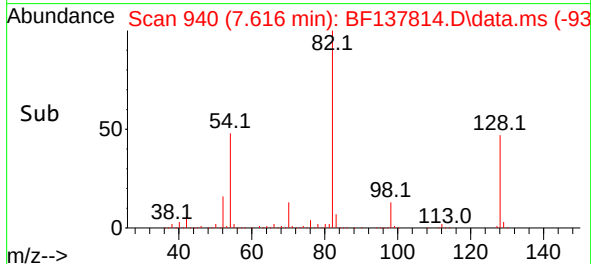


#25
Isophorone
Concen: 43.368 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137814.D
Acq: 02 May 2024 14:45

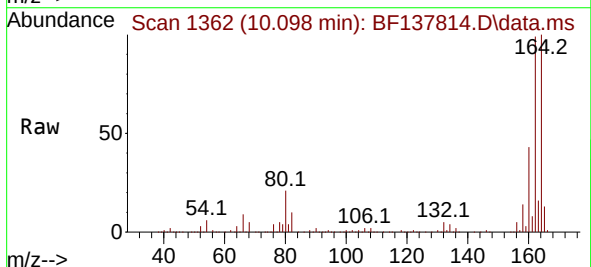
Instrument :
BNA_F
ClientSampleId :



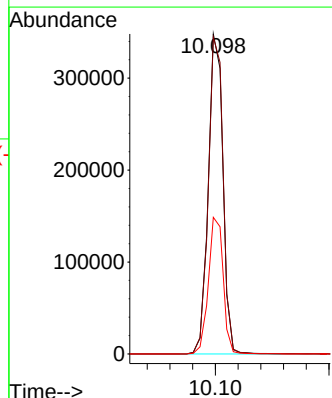
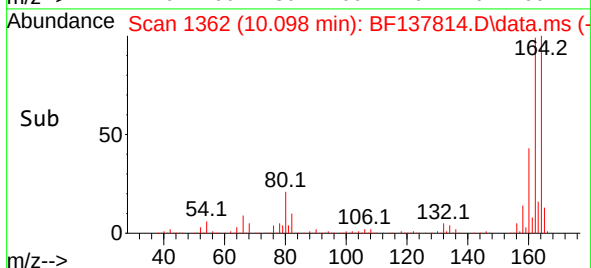
Tgt Ion: 82 Resp: 739478
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#

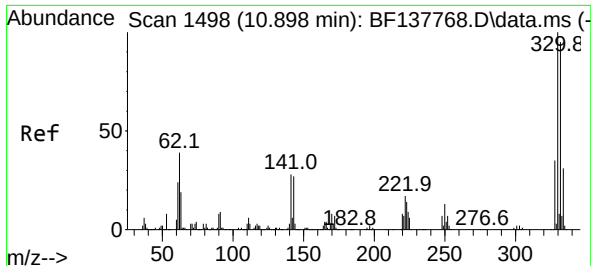


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137814.D
Acq: 02 May 2024 14:45



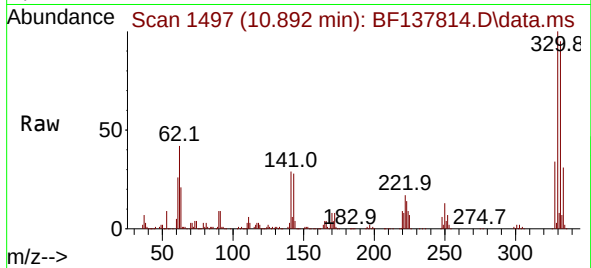
Tgt Ion: 164 Resp: 310391
Ion Ratio Lower Upper
164 100
162 99.0 79.8 119.6
160 42.7 34.4 51.6



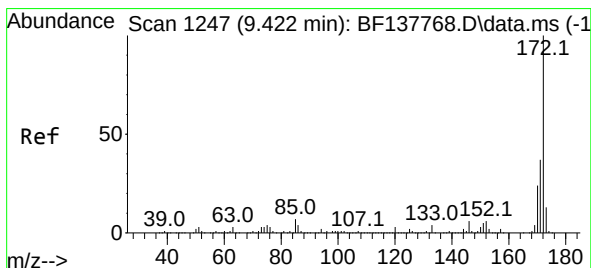
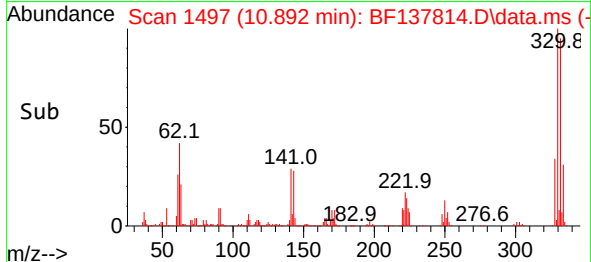
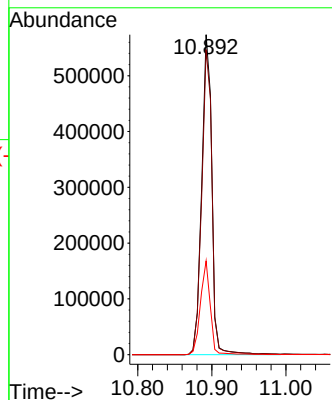


#42
2,4,6-Tribromophenol
Concen: 171.927 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF137814.D
Acq: 02 May 2024 14:45

Instrument :
BNA_F
ClientSampleId :

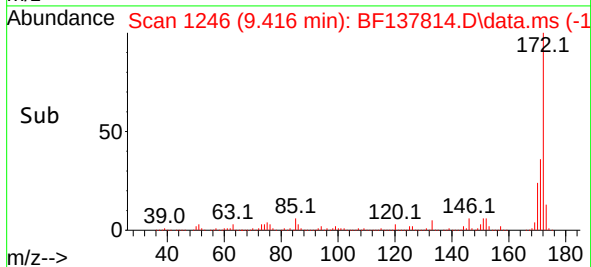
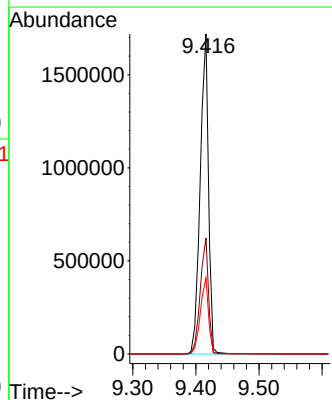
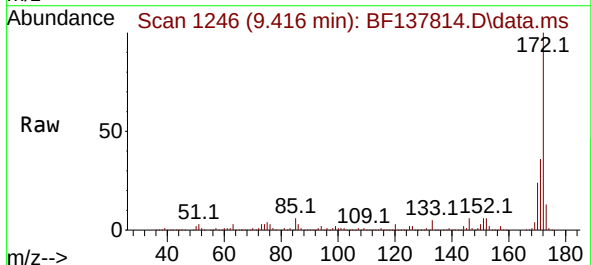


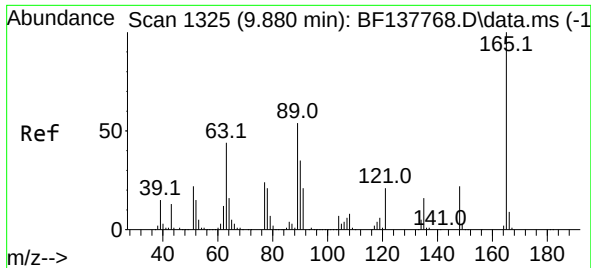
Tgt Ion:330 Resp: 544865
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 28.3 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 81.685 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF137814.D
Acq: 02 May 2024 14:45

Tgt Ion:172 Resp: 1562807
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.8 19.4 29.2

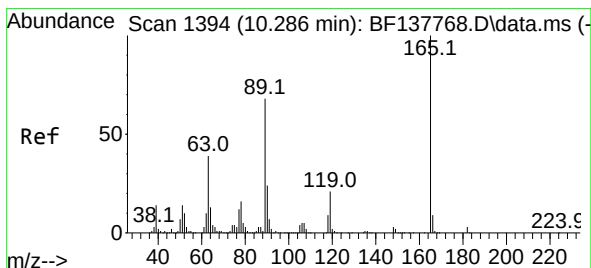
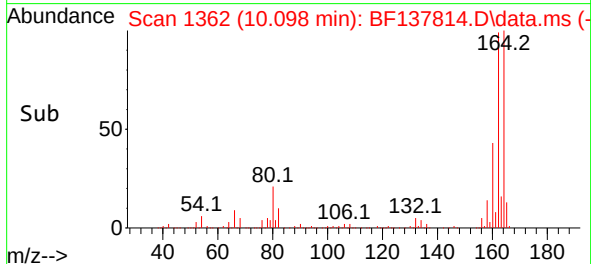
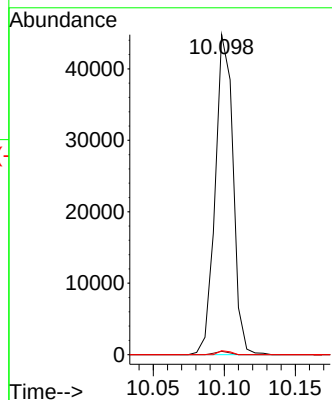
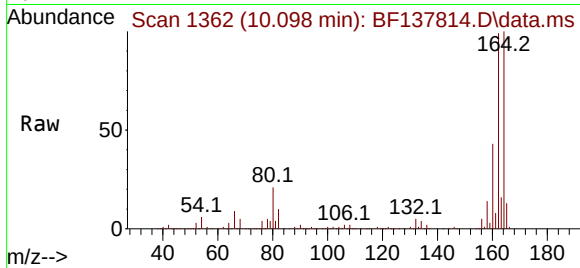




#51
2,6-Dinitrotoluene
Concen: 8.736 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.218 min
Lab File: BF137814.D
Acq: 02 May 2024 14:45

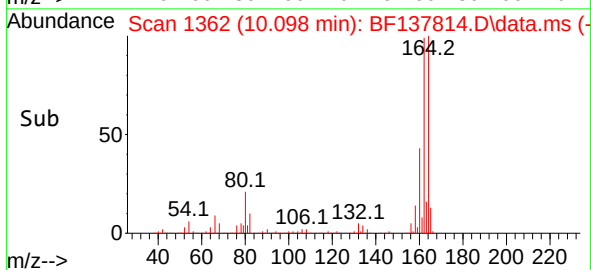
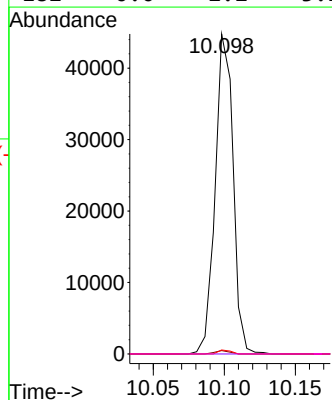
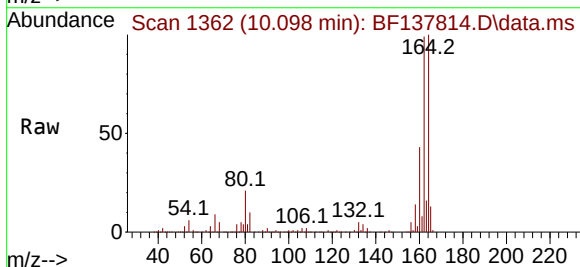
Instrument :
BNA_F
ClientSampleId :

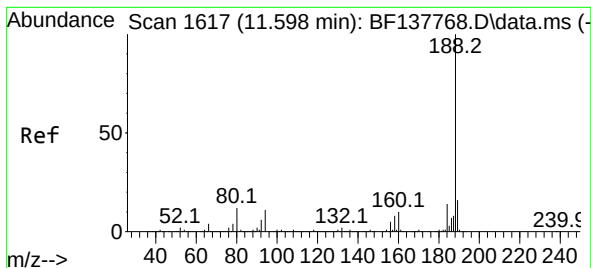
Tgt Ion:165 Resp: 39119
Ion Ratio Lower Upper
165 100
63 1.1 41.9 62.9#
89 1.3 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.687 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137814.D
Acq: 02 May 2024 14:45

Tgt Ion:165 Resp: 39119
Ion Ratio Lower Upper
165 100
63 1.1 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

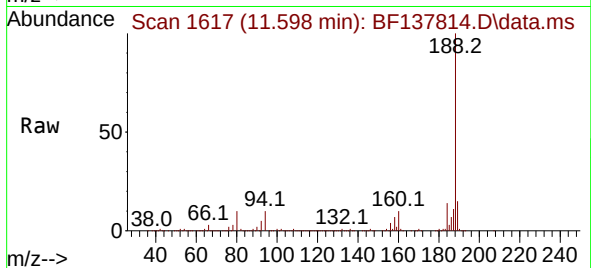
Lab File: BF137814.D

Acq: 02 May 2024 14:45

Instrument :

BNA_F

ClientSampleId :



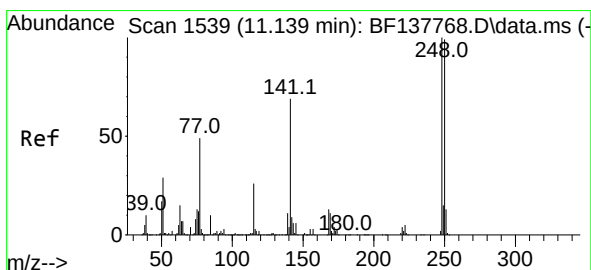
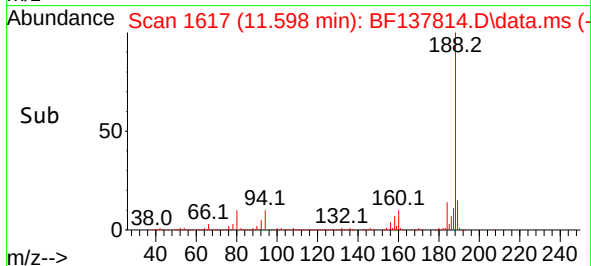
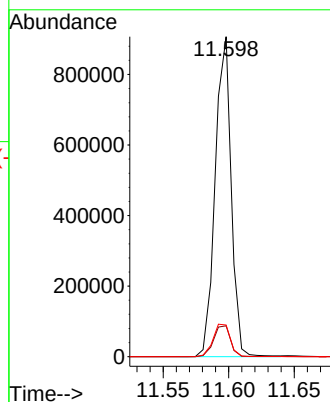
Tgt Ion:188 Resp: 768346

Ion Ratio Lower Upper

188 100

94 9.7 8.8 13.2

80 9.9 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 4.230 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.247 min

Lab File: BF137814.D

Acq: 02 May 2024 14:45

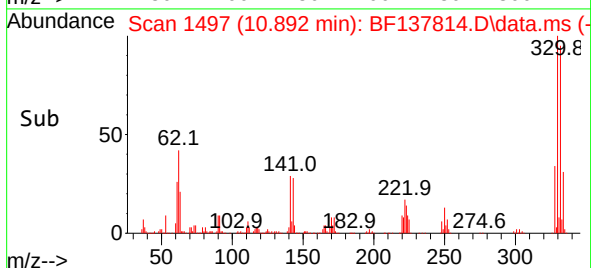
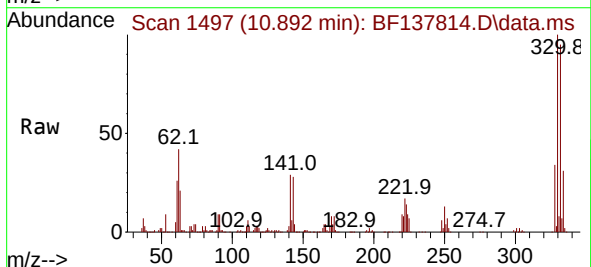
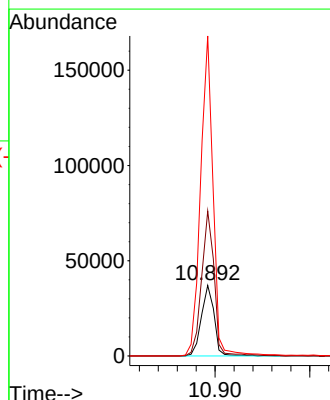
Tgt Ion:248 Resp: 34780

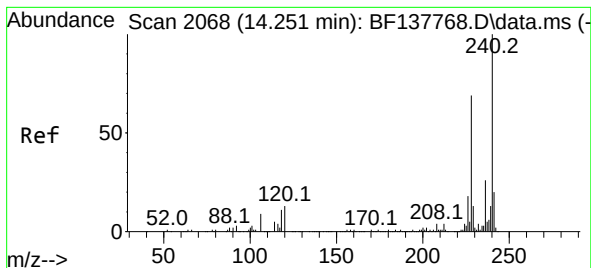
Ion Ratio Lower Upper

248 100

250 205.3 79.1 118.7#

141 453.4 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BF137814.D

Acq: 02 May 2024 14:45

Instrument :

BNA_F

ClientSampleId :

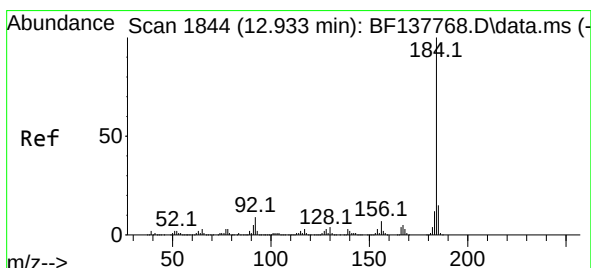
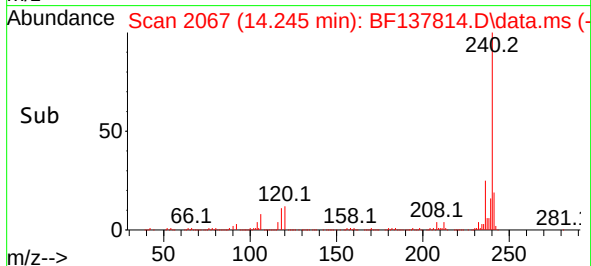
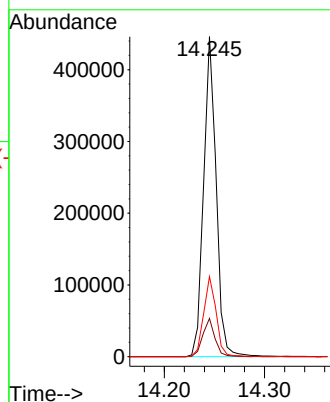
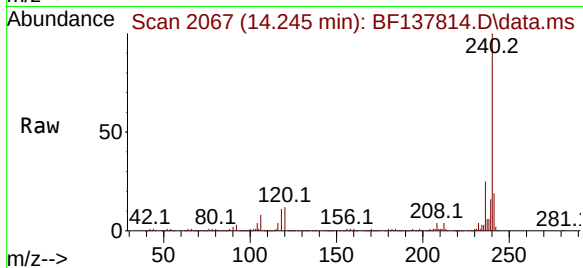
Tgt Ion:240 Resp: 389939

Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

236 25.1 20.4 30.6



#77

Benzidine

Concen: 3.179 ng

RT: 13.186 min Scan# 1887

Delta R.T. 0.253 min

Lab File: BF137814.D

Acq: 02 May 2024 14:45

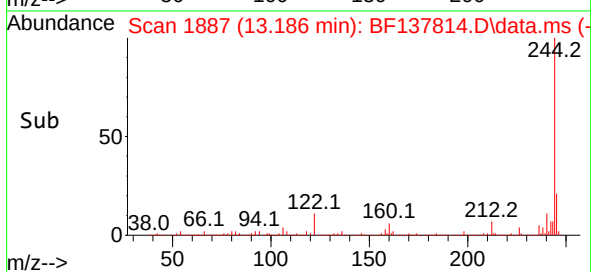
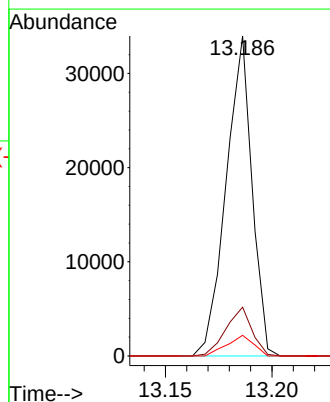
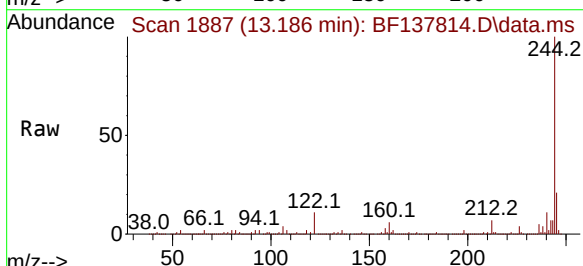
Tgt Ion:184 Resp: 28666

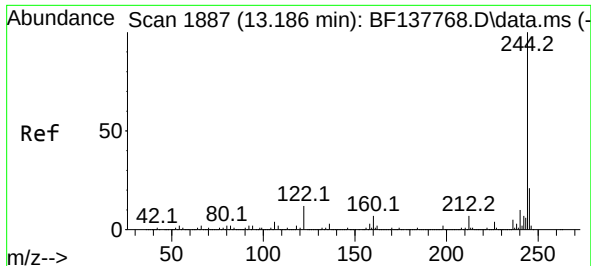
Ion Ratio Lower Upper

184 100

185 15.3 12.3 18.5

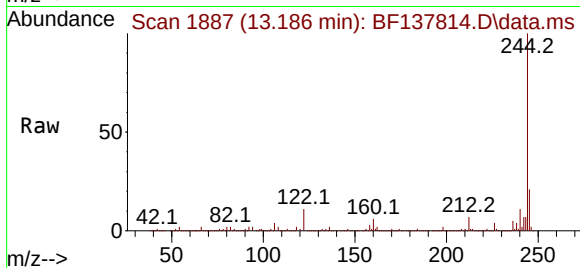
183 6.5 9.2 13.8#



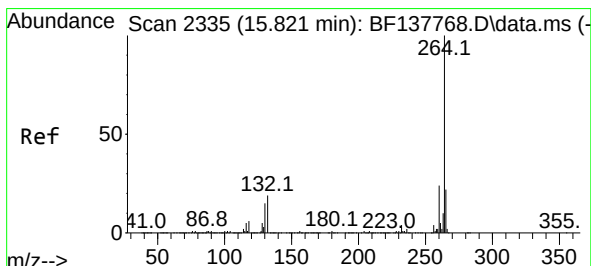
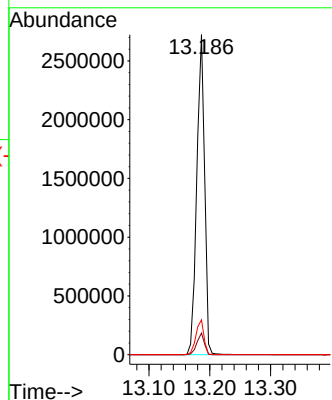
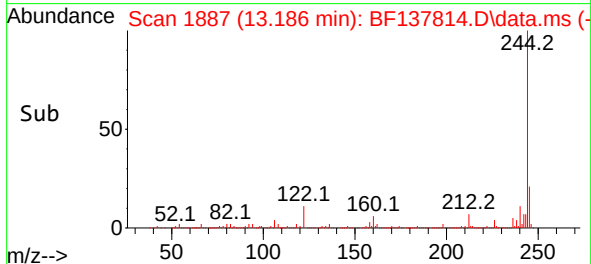


#79
 Terphenyl-d14
 Concen: 104.434 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. 0.000 min
 Lab File: BF137814.D
 Acq: 02 May 2024 14:45

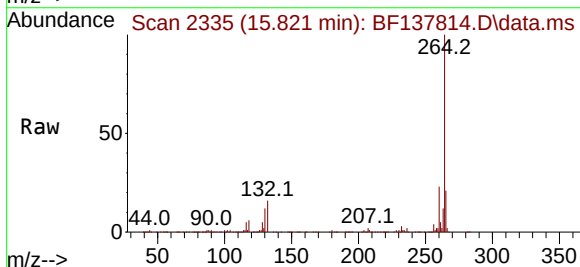
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 2429971
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.9 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: BF137814.D
 Acq: 02 May 2024 14:45



Tgt Ion:264 Resp: 264288
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.9 28.3
 265 20.6 17.4 26.0

