

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
 Data File : BF137800.D
 Acq On : 01 May 2024 19:25
 Operator : CG\JU
 Sample : P2307-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 01:32:12 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)

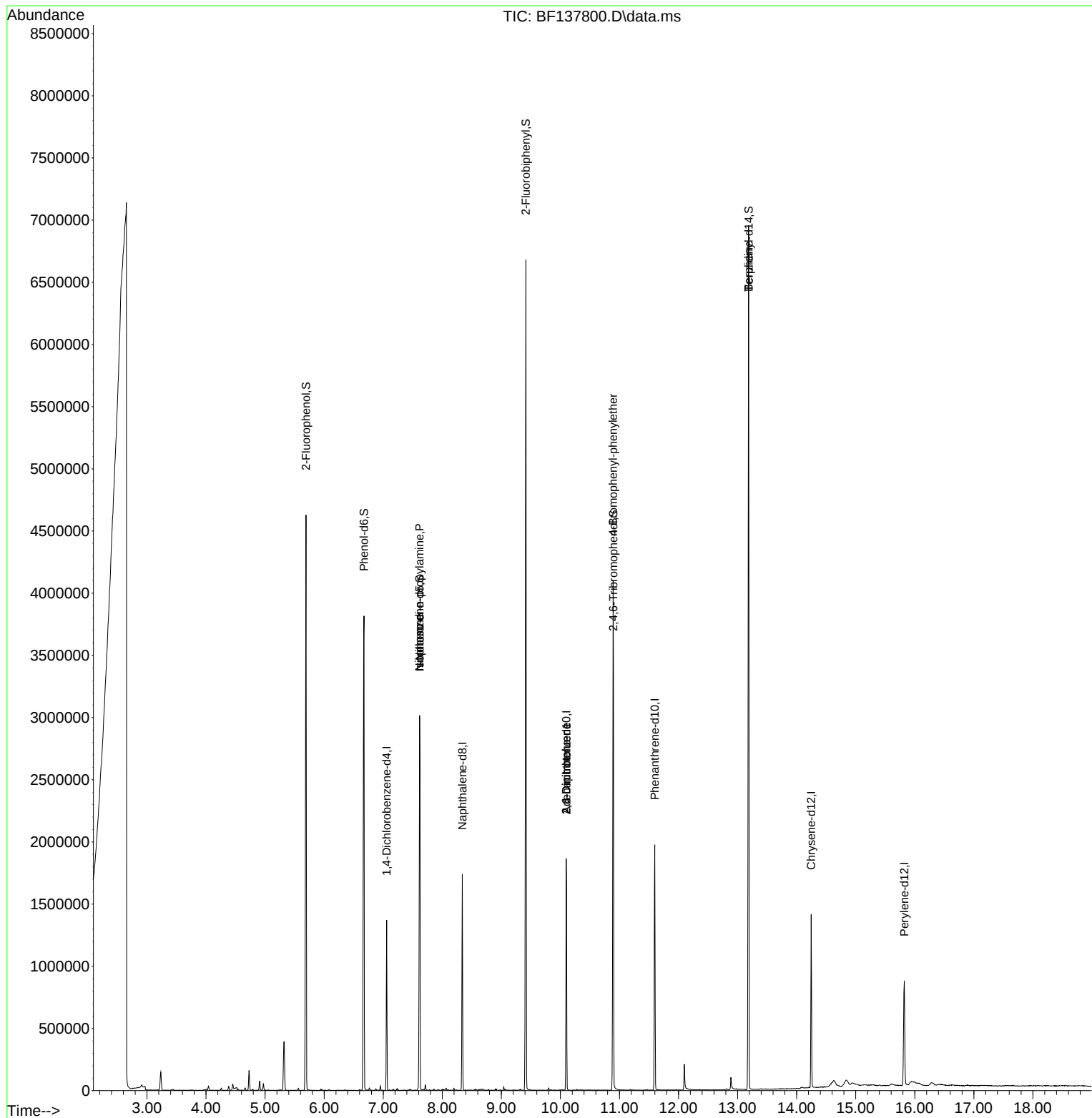
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	182002	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	701421	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	400803	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	693929	20.000	ng	0.00
76) Chrysene-d12	14.245	240	418462	20.000	ng	0.00
86) Perylene-d12	15.821	264	407478	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1336191	122.920	ng	0.02
7) Phenol-d6	6.675	99	1564521	113.469	ng	0.00
23) Nitrobenzene-d5	7.616	82	1065619	88.264	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	566127	138.340	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2138282	86.553	ng	0.00
79) Terphenyl-d14	13.186	244	2483807	99.472	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.616	70	142717	17.320	ng	# 77
25) Isophorone	7.616	82	1065604	48.953	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	51800	8.958	ng	# 26
57) 2,4-Dinitrotoluene	10.098	165	51800	6.857	ng	# 26
67) 4-Bromophenyl-phenylether	10.892	248	36371	4.897	ng	# 1
77) Benzidine	13.186	184	29625	3.061	ng	# 95

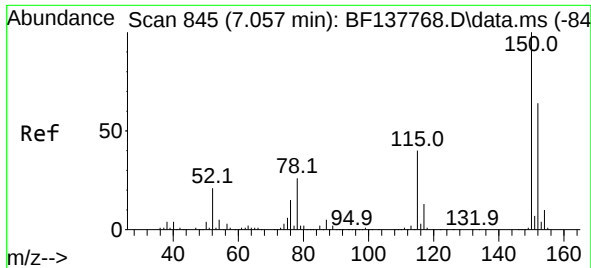
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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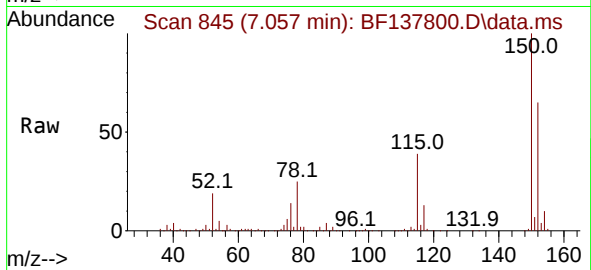
Quant Time: May 02 01:32:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
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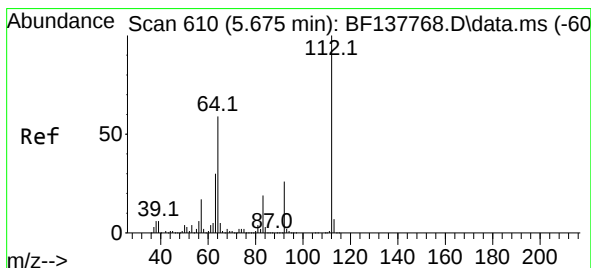
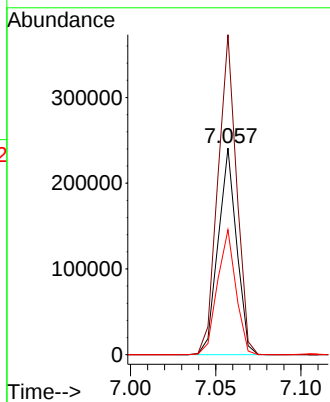
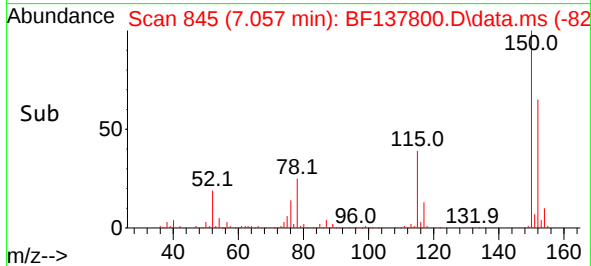


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.057 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BF137800.D
 Acq: 01 May 2024 19:25

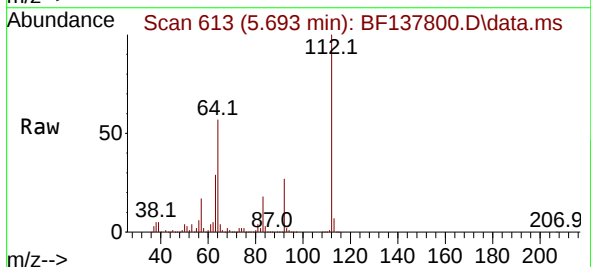
Instrument :
 BNA_F
 ClientSampleId :



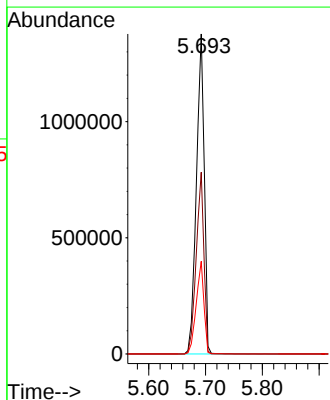
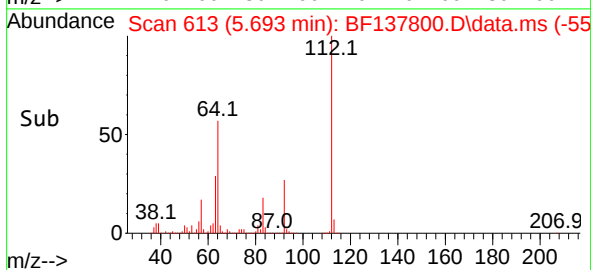
Tgt Ion:152 Resp: 182002
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.1 186.1
 115 60.5 49.1 73.7



#5
 2-Fluorophenol
 Concen: 122.920 ng
 RT: 5.693 min Scan# 613
 Delta R.T. 0.018 min
 Lab File: BF137800.D
 Acq: 01 May 2024 19:25



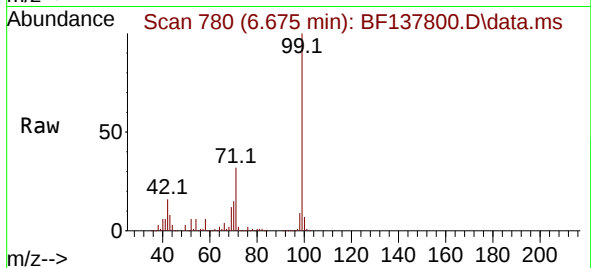
Tgt Ion:112 Resp: 1336191
 Ion Ratio Lower Upper
 112 100
 64 56.8 47.3 70.9
 63 29.0 23.7 35.5





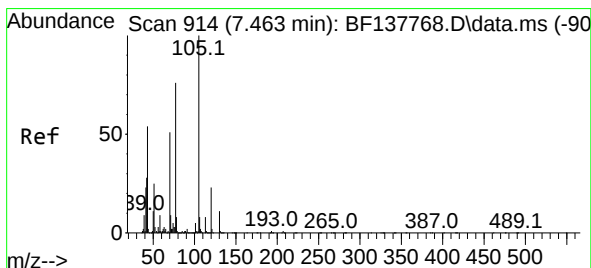
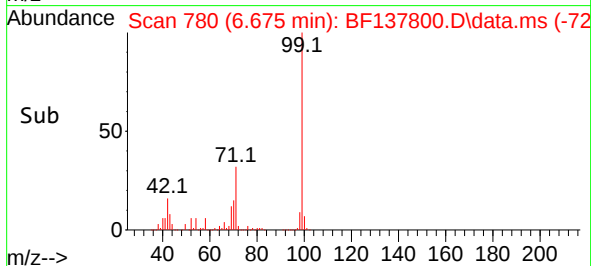
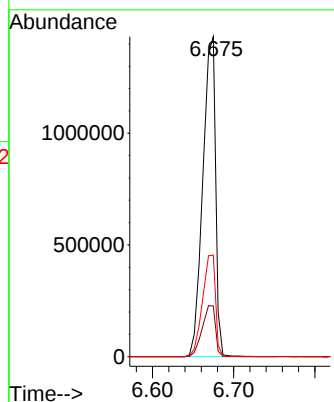
#7
Phenol-d6
Concen: 113.469 ng
RT: 6.675 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137800.D
Acq: 01 May 2024 19:25

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1564521

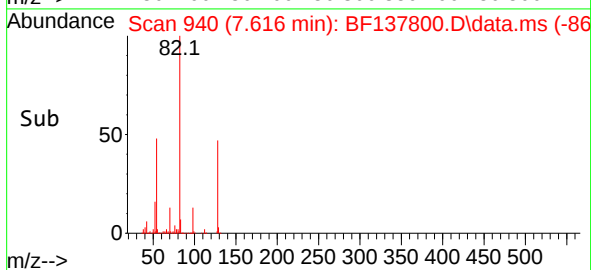
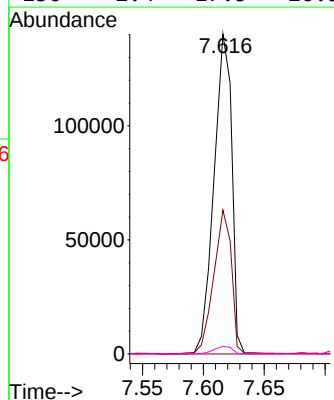
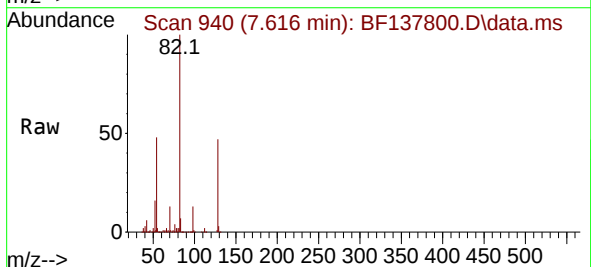
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.2	19.8
71	31.7	25.0	37.4

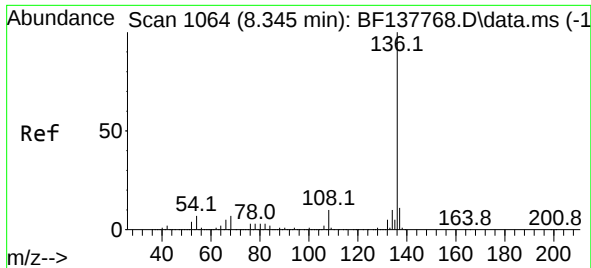


#19
n-Nitroso-di-n-propylamine
Concen: 17.320 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137800.D
Acq: 01 May 2024 19:25

Tgt Ion: 70 Resp: 142717

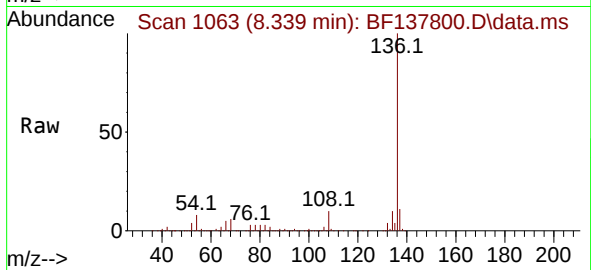
Ion	Ratio	Lower	Upper
70	100		
42	44.9	44.6	66.8
101	0.0	7.8	11.6#
130	2.4	17.5	26.3#





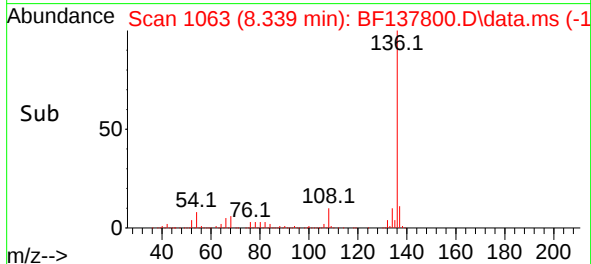
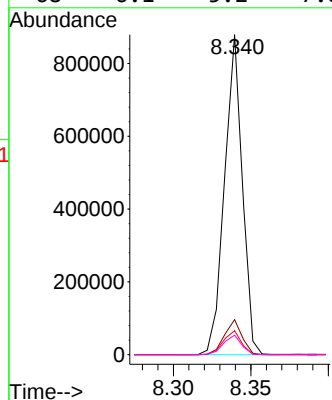
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137800.D
Acq: 01 May 2024 19:25

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 701421

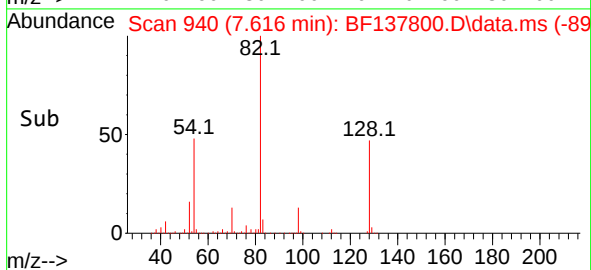
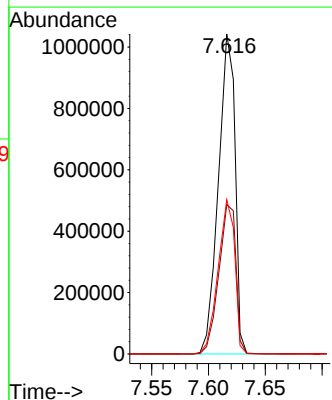
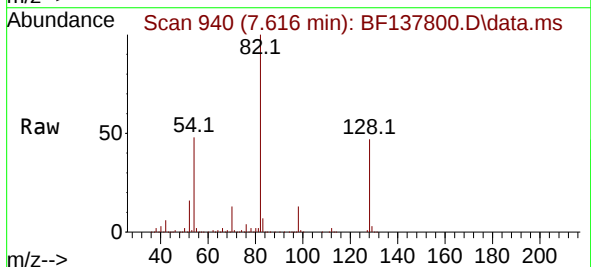
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.5	5.8	8.8
68	6.1	5.2	7.8



#23
Nitrobenzene-d5
Concen: 88.264 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137800.D
Acq: 01 May 2024 19:25

Tgt Ion: 82 Resp: 1065619

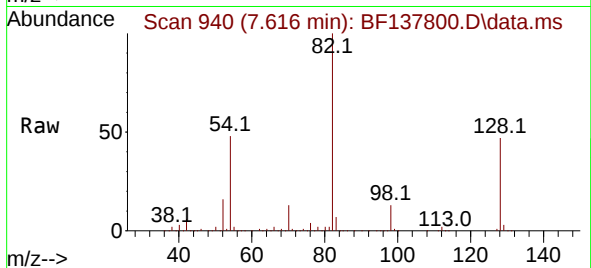
Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.5	56.3
54	48.2	39.8	59.6



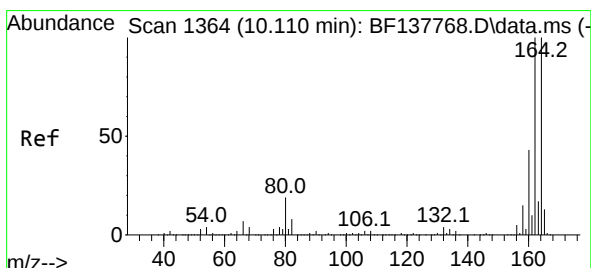
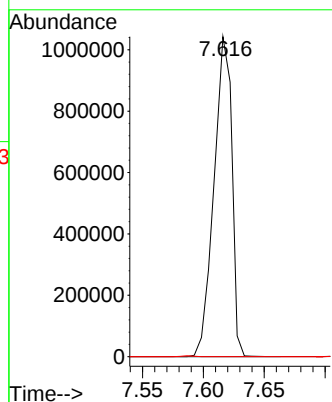
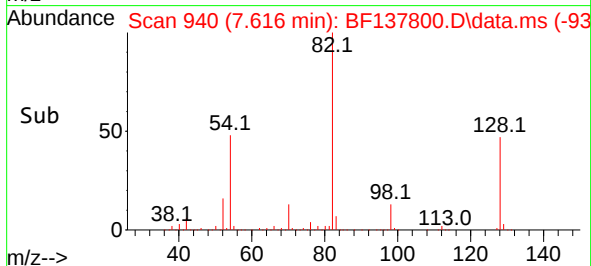


#25
Isophorone
Concen: 48.953 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137800.D
Acq: 01 May 2024 19:25

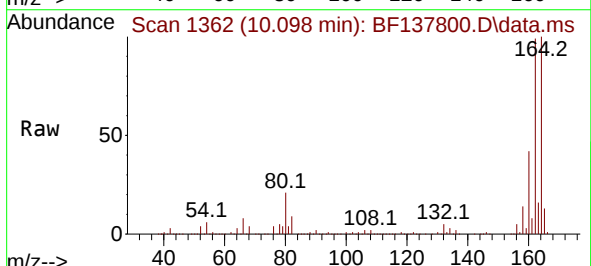
Instrument :
BNA_F
ClientSampleId :



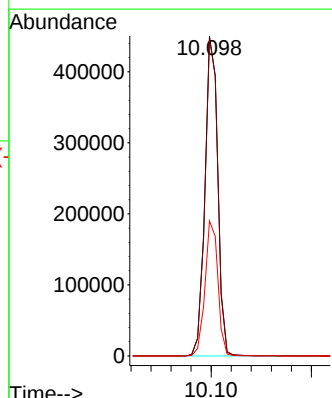
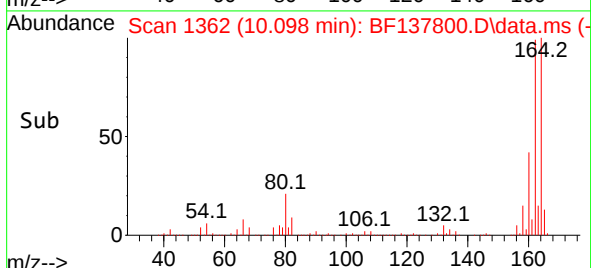
Tgt Ion: 82 Resp: 1065604
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#

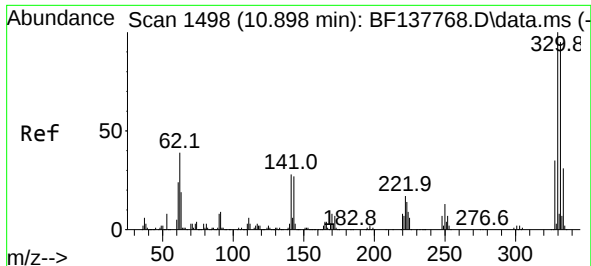


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137800.D
Acq: 01 May 2024 19:25



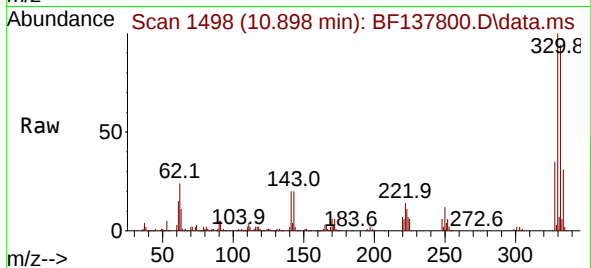
Tgt Ion:164 Resp: 400803
Ion Ratio Lower Upper
164 100
162 99.1 79.8 119.6
160 42.2 34.4 51.6



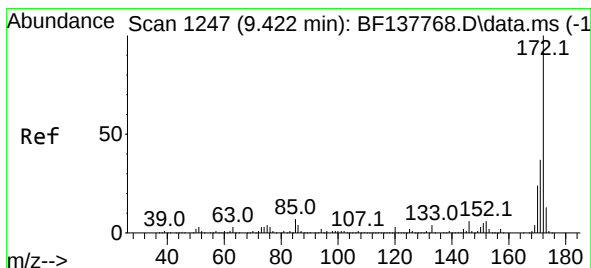
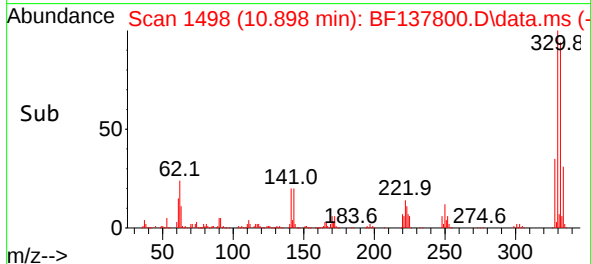
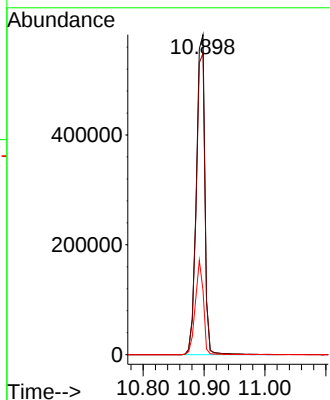


#42
 2,4,6-Tribromophenol
 Concen: 138.340 ng
 RT: 10.898 min Scan# 1498
 Delta R.T. 0.000 min
 Lab File: BF137800.D
 Acq: 01 May 2024 19:25

Instrument :
 BNA_F
 ClientSampleId :

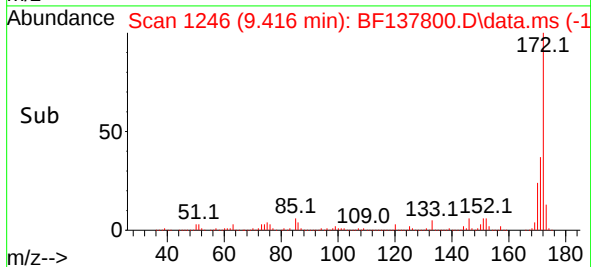
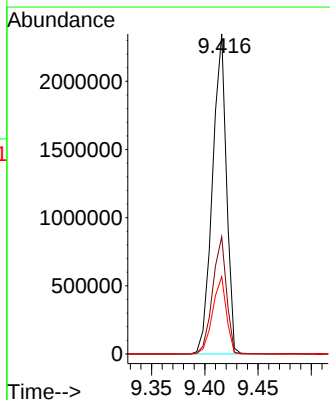
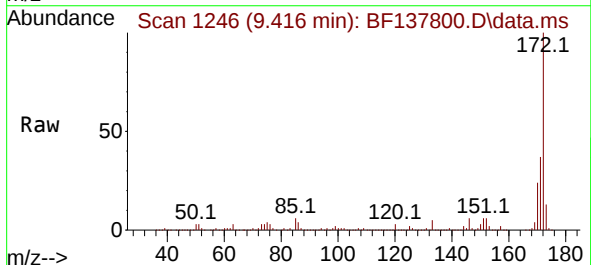


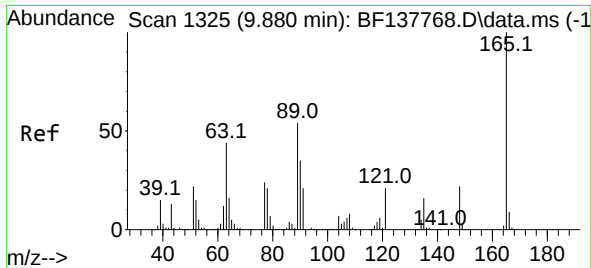
Tgt Ion:330 Resp: 566127
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.3 115.9
 141 28.0 23.8 35.6



#45
 2-Fluorobiphenyl
 Concen: 86.553 ng
 RT: 9.416 min Scan# 1246
 Delta R.T. -0.006 min
 Lab File: BF137800.D
 Acq: 01 May 2024 19:25

Tgt Ion:172 Resp: 2138282
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.1 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.958 ng

RT: 10.098 min Scan# 1362

Delta R.T. 0.218 min

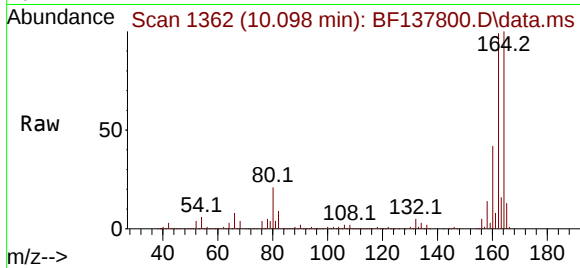
Lab File: BF137800.D

Acq: 01 May 2024 19:25

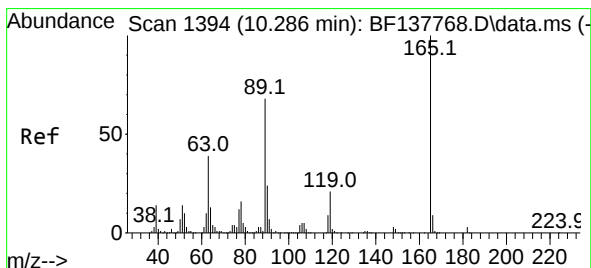
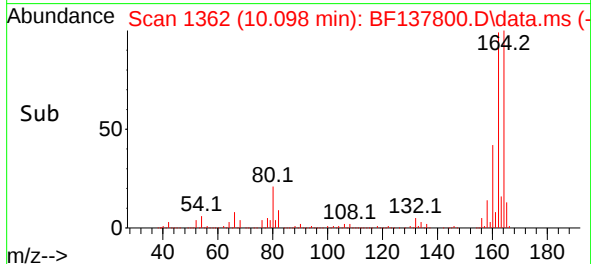
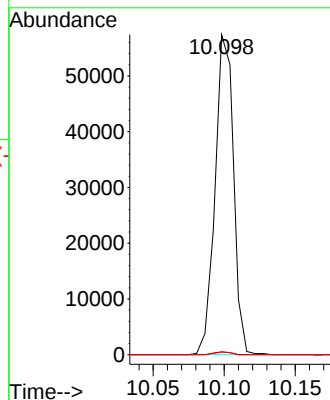
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	165	Resp:	51800
Ion	Ratio	Lower	Upper
165	100		
63	0.9	41.9	62.9#
89	0.8	43.2	64.8#



#57

2,4-Dinitrotoluene

Concen: 6.857 ng

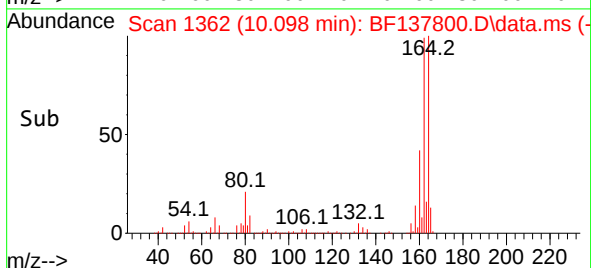
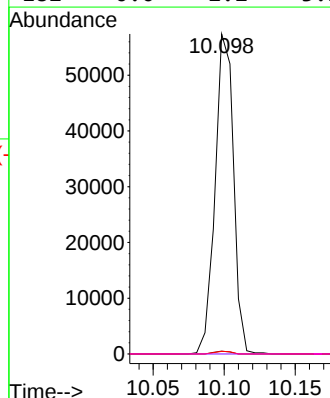
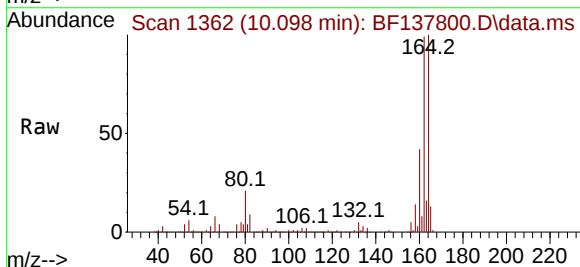
RT: 10.098 min Scan# 1362

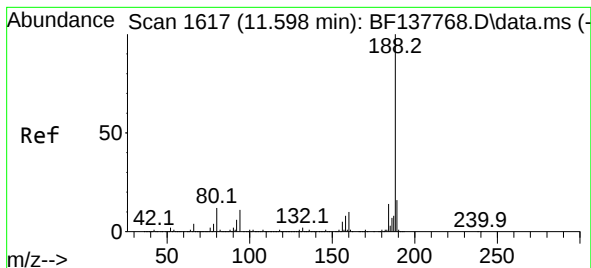
Delta R.T. -0.188 min

Lab File: BF137800.D

Acq: 01 May 2024 19:25

Tgt Ion:	165	Resp:	51800
Ion	Ratio	Lower	Upper
165	100		
63	0.9	31.3	46.9#
89	0.8	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: BF137800.D

Acq: 01 May 2024 19:25

Instrument :

BNA_F

ClientSampleId :

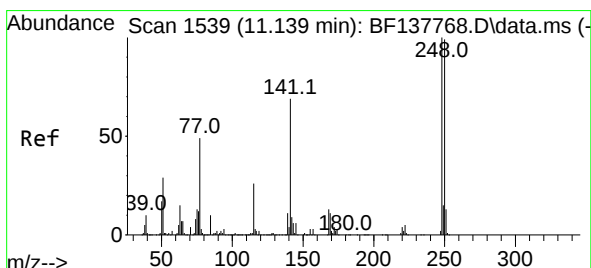
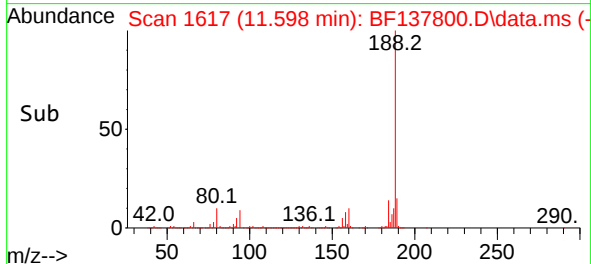
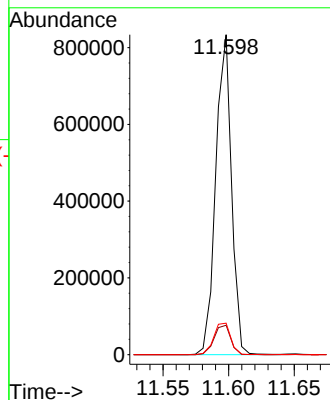
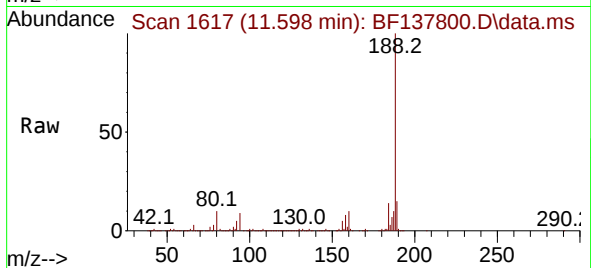
Tgt Ion:188 Resp: 693929

Ion Ratio Lower Upper

188 100

94 9.2 8.8 13.2

80 9.9 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 4.897 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.247 min

Lab File: BF137800.D

Acq: 01 May 2024 19:25

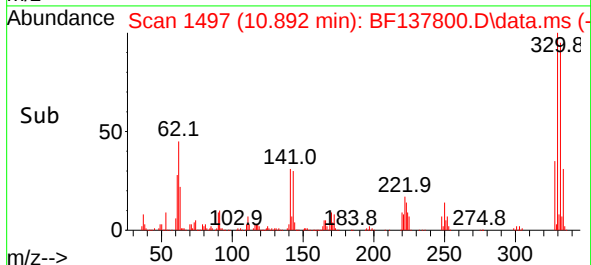
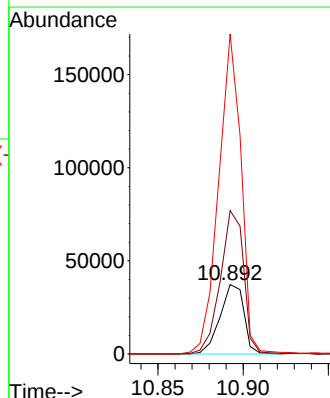
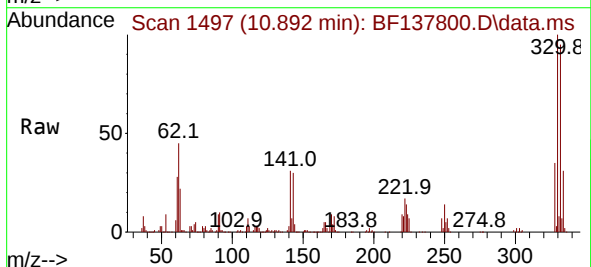
Tgt Ion:248 Resp: 36371

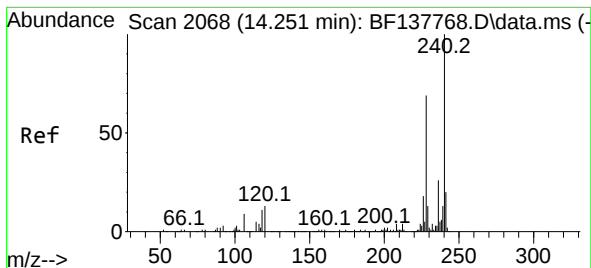
Ion Ratio Lower Upper

248 100

250 206.7 79.1 118.7#

141 461.2 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: BF137800.D

Acq: 01 May 2024 19:25

Instrument :

BNA_F

ClientSampleId :

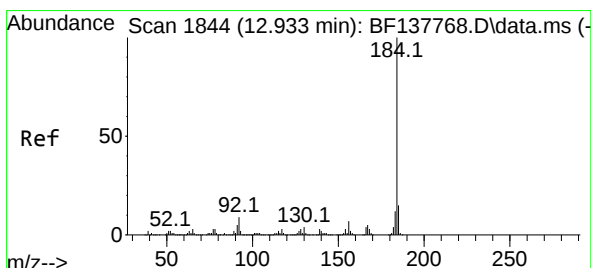
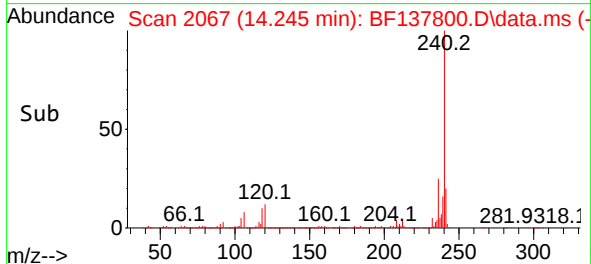
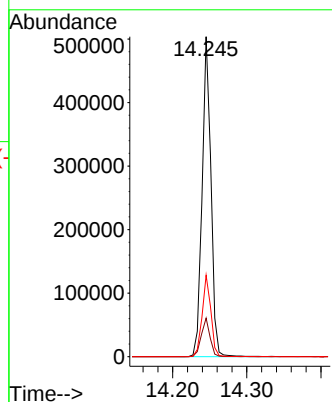
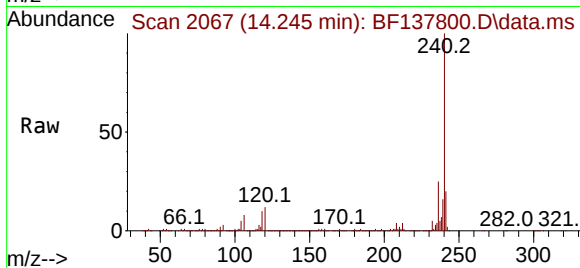
Tgt Ion:240 Resp: 418462

Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

236 25.4 20.4 30.6



#77

Benzidine

Concen: 3.061 ng

RT: 13.186 min Scan# 1887

Delta R.T. 0.253 min

Lab File: BF137800.D

Acq: 01 May 2024 19:25

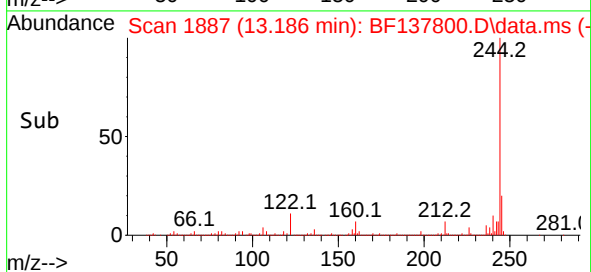
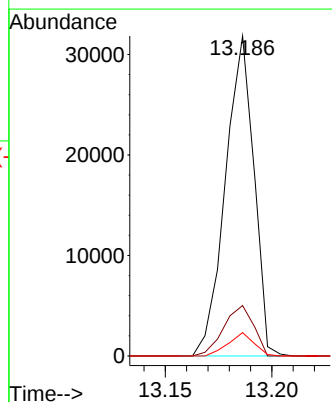
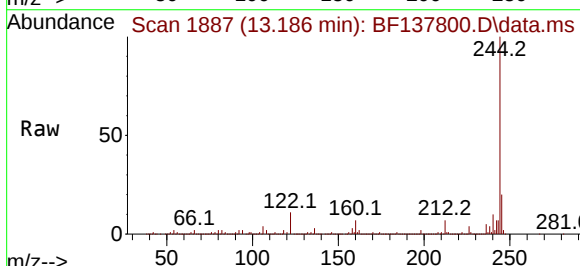
Tgt Ion:184 Resp: 29625

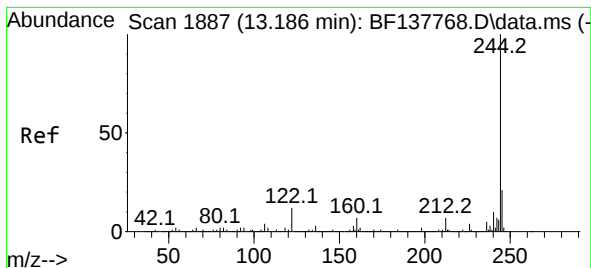
Ion Ratio Lower Upper

184 100

185 15.8 12.3 18.5

183 7.3 9.2 13.8#





#79

Terphenyl-d14

Concen: 99.472 ng

RT: 13.186 min Scan# 1887

Delta R.T. 0.000 min

Lab File: BF137800.D

Acq: 01 May 2024 19:25

Instrument :

BNA_F

ClientSampleId :

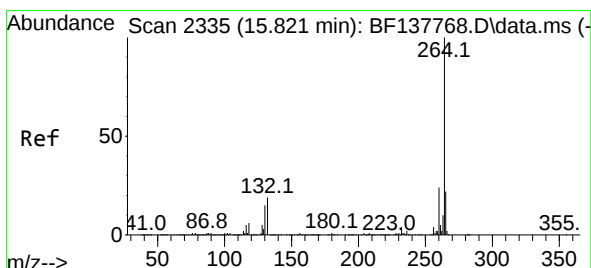
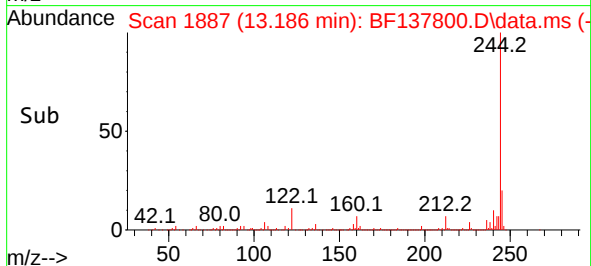
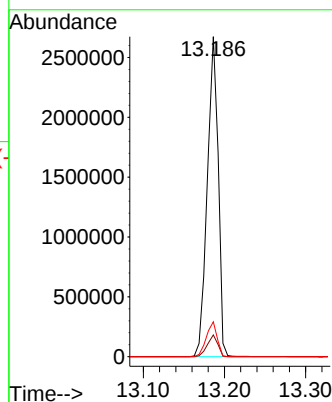
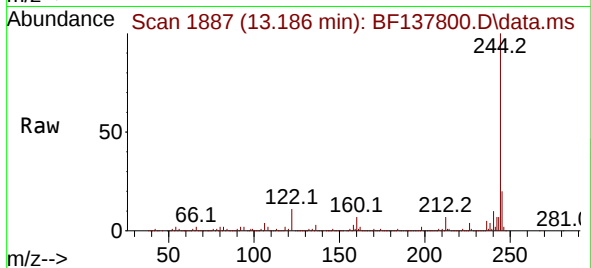
Tgt Ion:244 Resp: 2483807

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: BF137800.D

Acq: 01 May 2024 19:25

Tgt Ion:264 Resp: 407478

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.3 17.4 26.0

