

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
 Data File : BF137794.D
 Acq On : 01 May 2024 16:21
 Operator : CG\JU
 Sample : P2306-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 17:15:56 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)

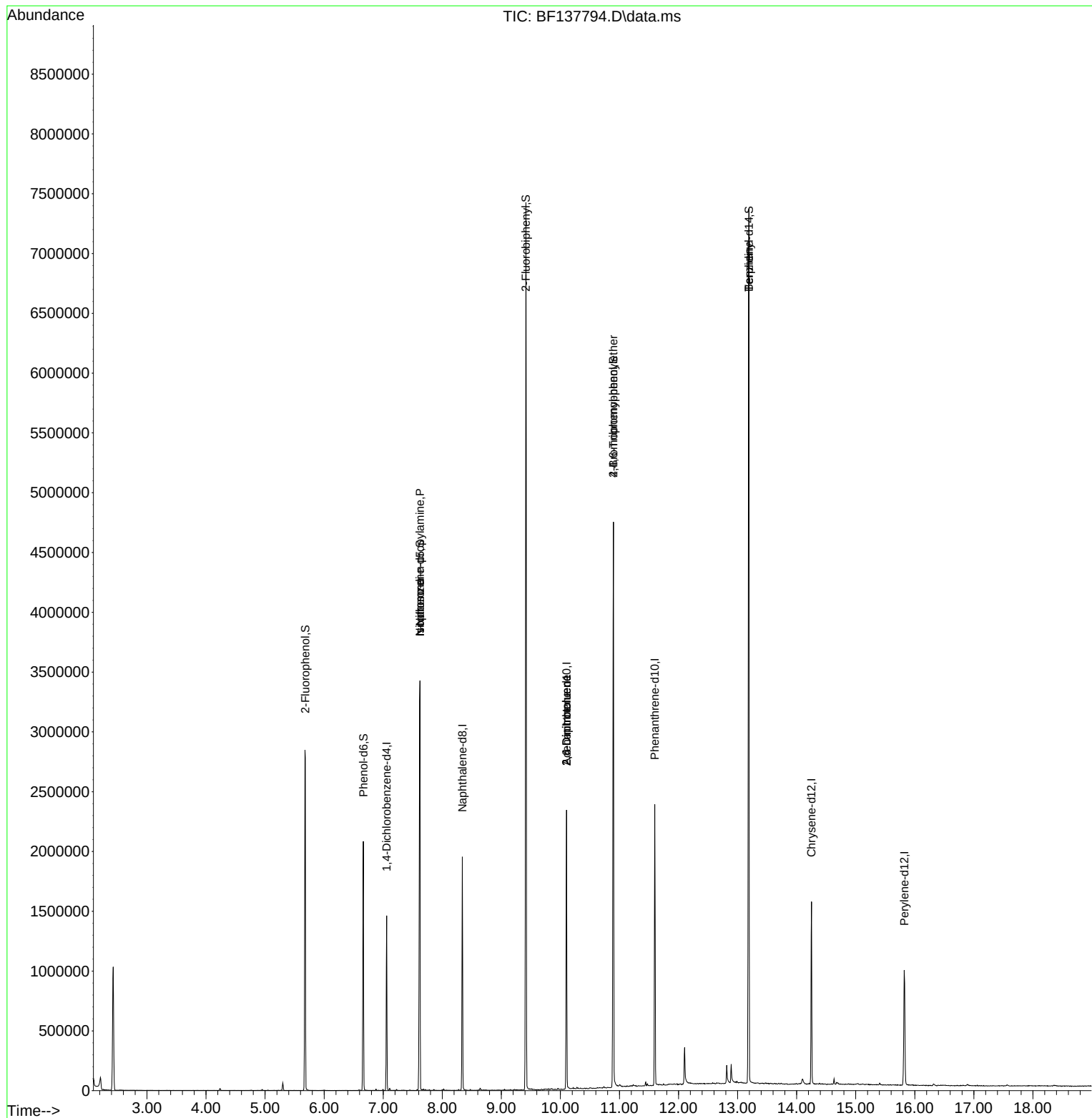
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	200709	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	801674	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	452334	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	779265	20.000	ng	0.00
76) Chrysene-d12	14.251	240	495748	20.000	ng	0.00
86) Perylene-d12	15.821	264	457630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	849585	70.871	ng	0.00
7) Phenol-d6	6.663	99	674085	44.332	ng	-0.01
23) Nitrobenzene-d5	7.622	82	1252135	90.744	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	658012	142.475	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2383637	85.493	ng	0.00
79) Terphenyl-d14	13.192	244	2805157	94.827	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.622	70	167267	18.408	ng	# 76
25) Isophorone	7.622	82	1251854	50.318	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	59276	9.083	ng	# 27
57) 2,4-Dinitrotoluene	10.104	165	59277	6.953	ng	# 27
67) 4-Bromophenyl-phenylether	10.898	248	42458	5.091	ng	# 1
77) Benzidine	13.192	184	33535	2.925	ng	# 92

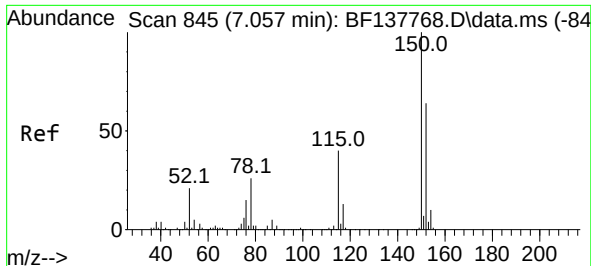
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137794.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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BNA_F
ClientSampleId :

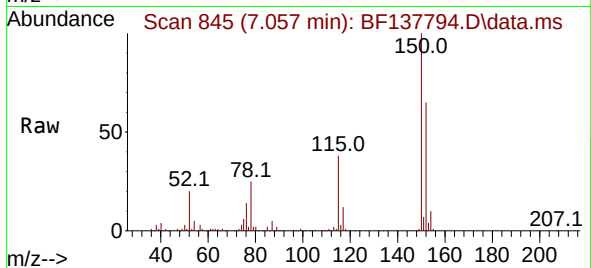
Quant Time: May 01 17:15:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration



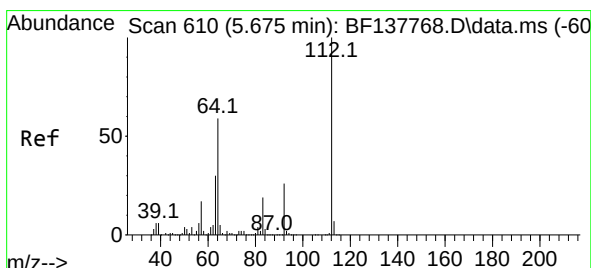
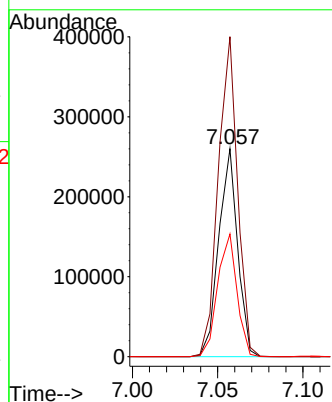
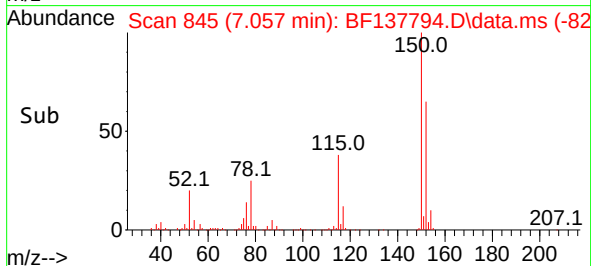


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF137794.D
Acq: 01 May 2024 16:21

Instrument :
BNA_F
ClientSampleId :

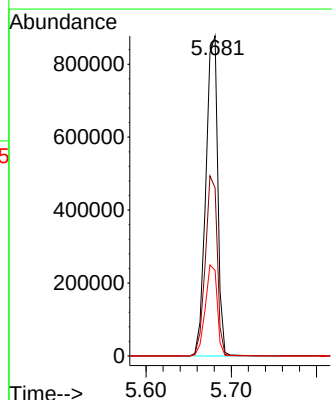
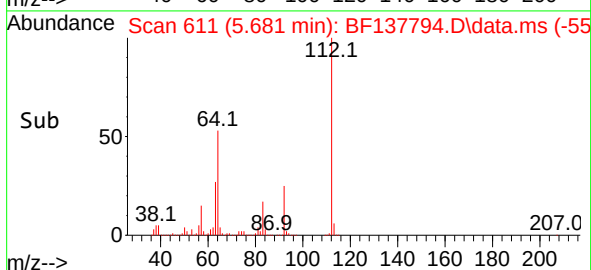
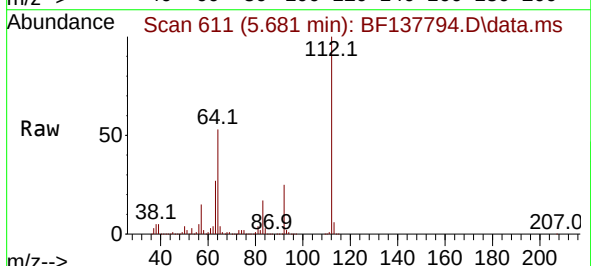


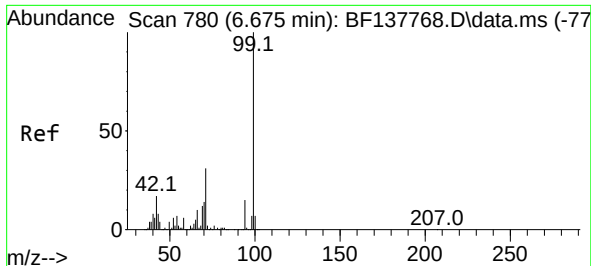
Tgt Ion:152 Resp: 200709
Ion Ratio Lower Upper
152 100
150 153.8 124.1 186.1
115 59.0 49.1 73.7



#5
2-Fluorophenol
Concen: 70.871 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137794.D
Acq: 01 May 2024 16:21

Tgt Ion:112 Resp: 849585
Ion Ratio Lower Upper
112 100
64 52.6 47.3 70.9
63 26.8 23.7 35.5

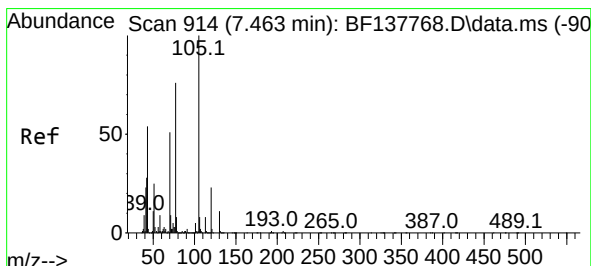
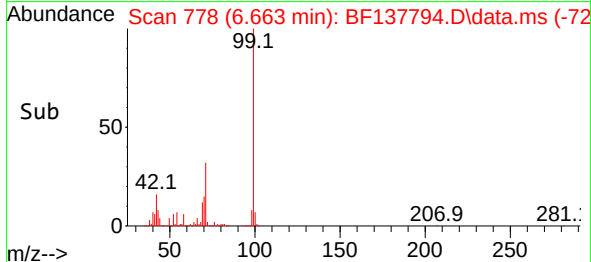
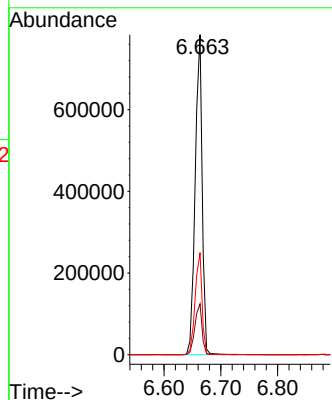
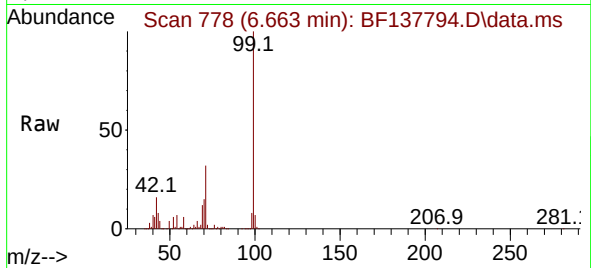




#7
Phenol-d6
Concen: 44.332 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137794.D
Acq: 01 May 2024 16:21

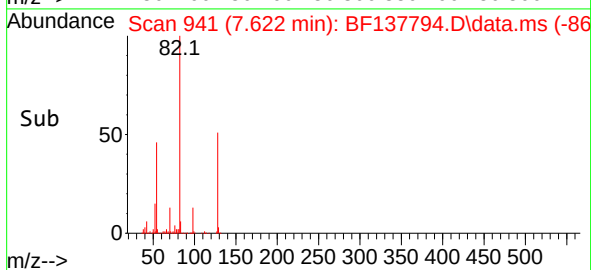
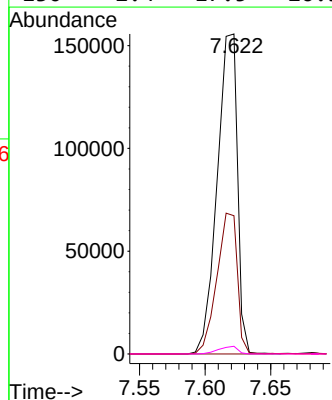
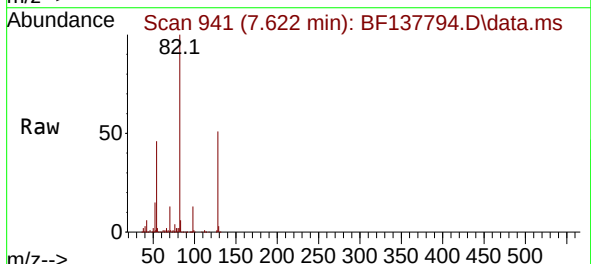
Instrument :
BNA_F
ClientSampleId :

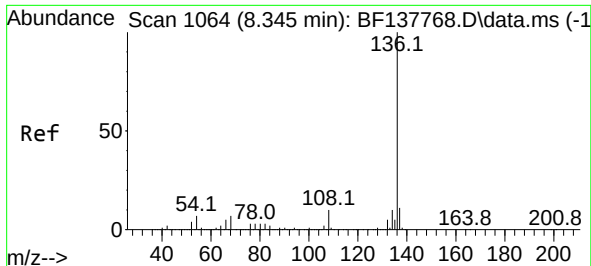
Tgt Ion: 99 Resp: 674085
Ion Ratio Lower Upper
99 100
42 15.9 13.2 19.8
71 31.9 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.408 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.159 min
Lab File: BF137794.D
Acq: 01 May 2024 16:21

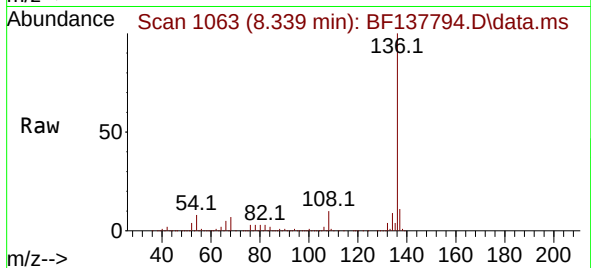
Tgt Ion: 70 Resp: 167267
Ion Ratio Lower Upper
70 100
42 43.2 44.6 66.8#
101 0.0 7.8 11.6#
130 2.4 17.5 26.3#



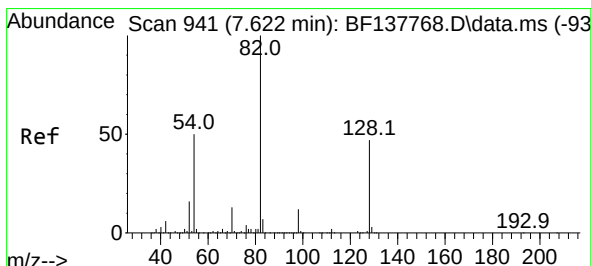
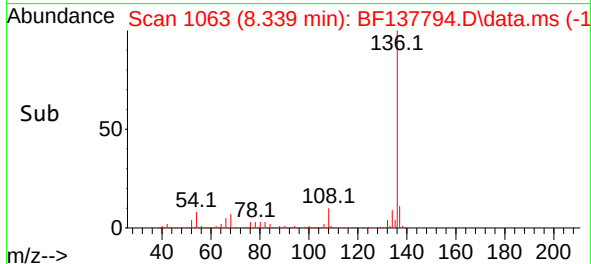
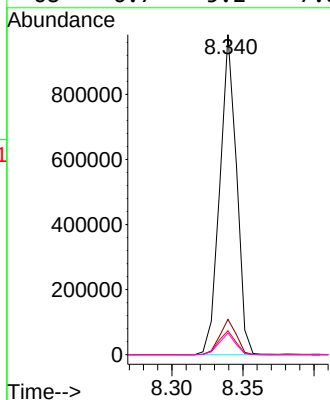


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137794.D
Acq: 01 May 2024 16:21

Instrument :
BNA_F
ClientSampleId :

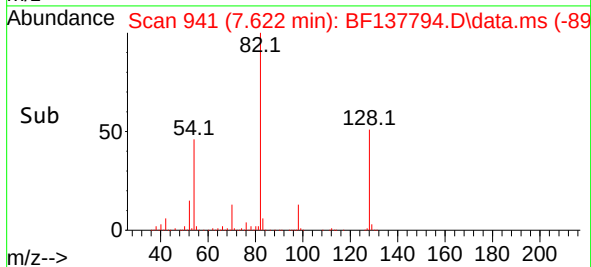
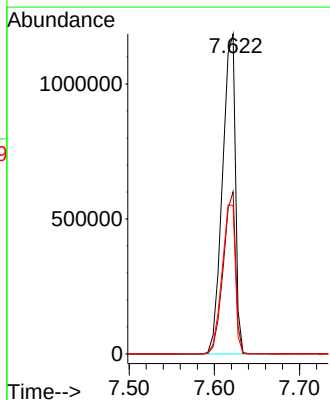
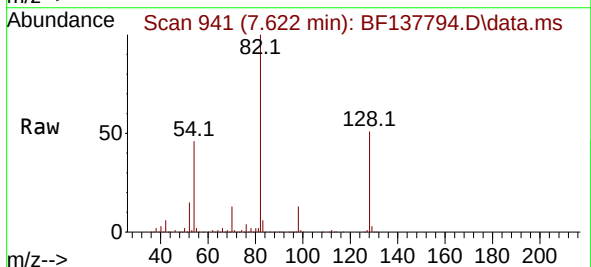


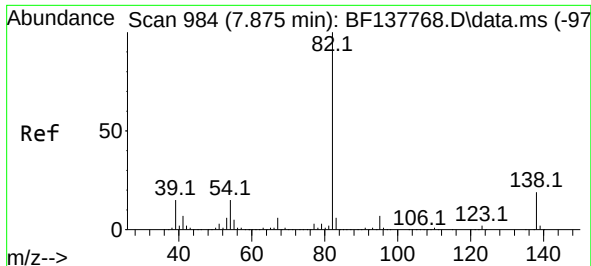
Tgt Ion:136 Resp: 801674
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.5 5.8 8.8
68 6.7 5.2 7.8



#23
Nitrobenzene-d5
Concen: 90.744 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF137794.D
Acq: 01 May 2024 16:21

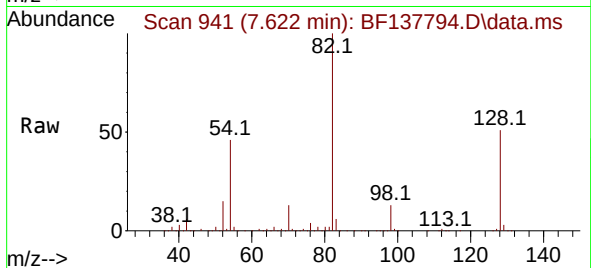
Tgt Ion: 82 Resp: 1252135
Ion Ratio Lower Upper
82 100
128 50.7 37.5 56.3
54 46.5 39.8 59.6



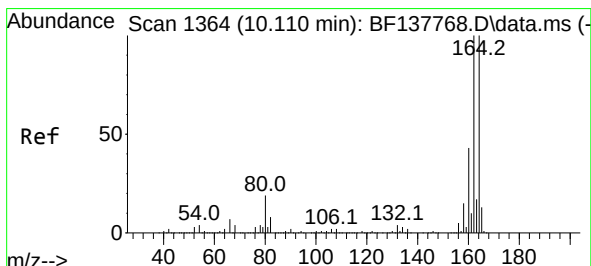
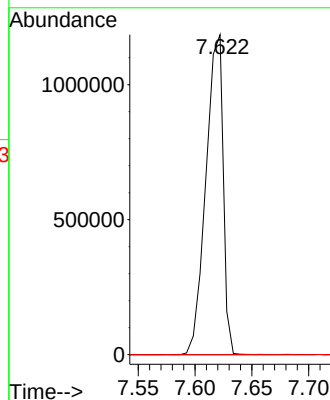
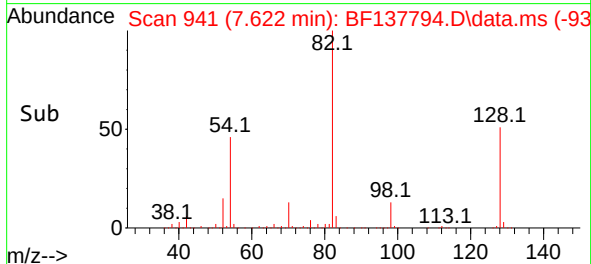


#25
Isophorone
Concen: 50.318 ng
RT: 7.622 min Scan# 94
Delta R.T. -0.253 min
Lab File: BF137794.D
Acq: 01 May 2024 16:21

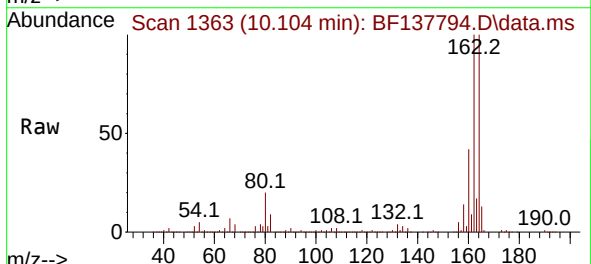
Instrument :
BNA_F
ClientSampleId :



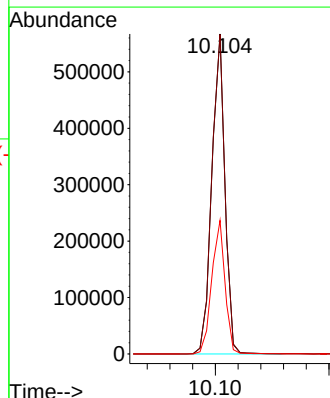
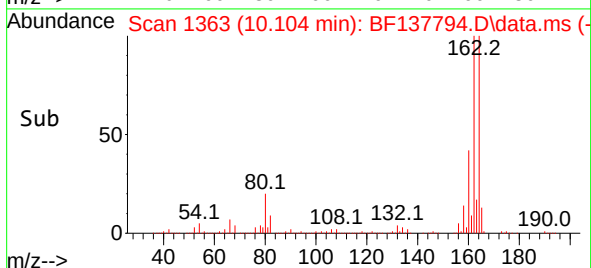
Tgt Ion: 82 Resp: 1251854
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#

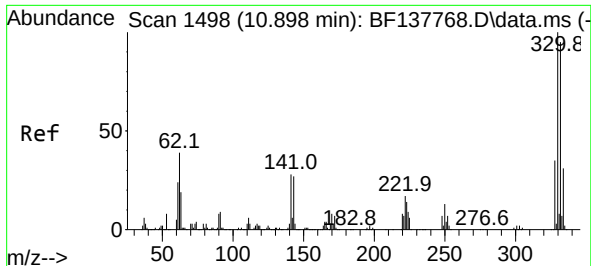


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF137794.D
Acq: 01 May 2024 16:21



Tgt Ion:164 Resp: 452334
Ion Ratio Lower Upper
164 100
162 99.8 79.8 119.6
160 41.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 142.475 ng

RT: 10.898 min Scan# 1498

Delta R.T. 0.000 min

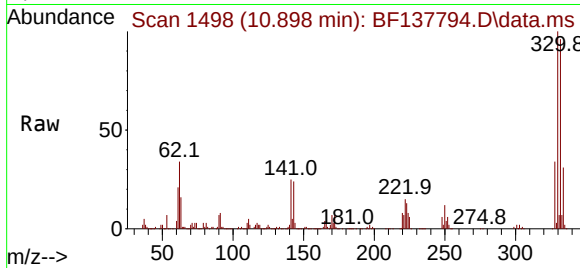
Lab File: BF137794.D

Acq: 01 May 2024 16:21

Instrument :

BNA_F

ClientSampleId :



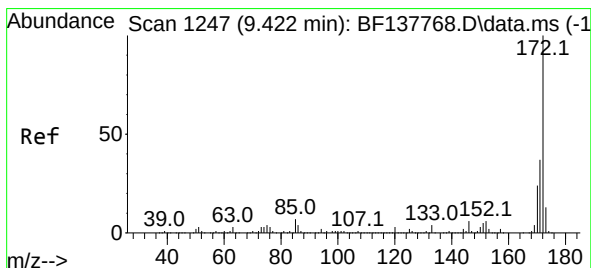
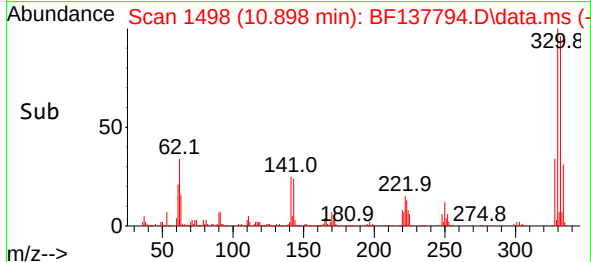
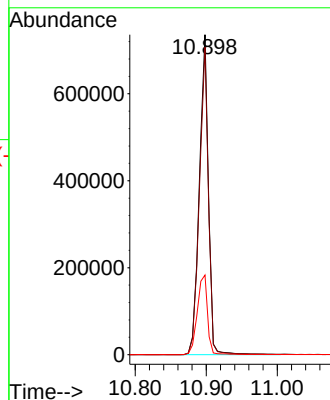
Tgt Ion:330 Resp: 658012

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 28.1 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 85.493 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137794.D

Acq: 01 May 2024 16:21

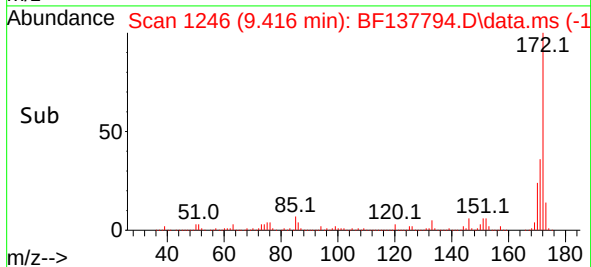
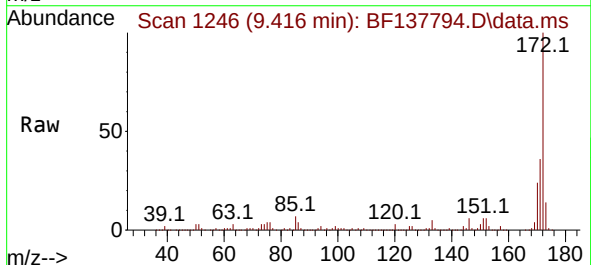
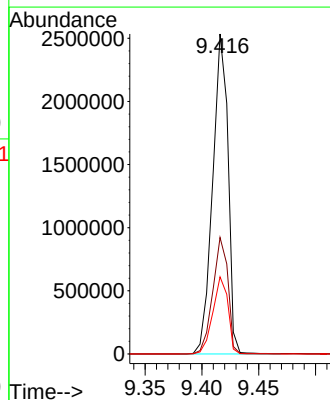
Tgt Ion:172 Resp: 2383637

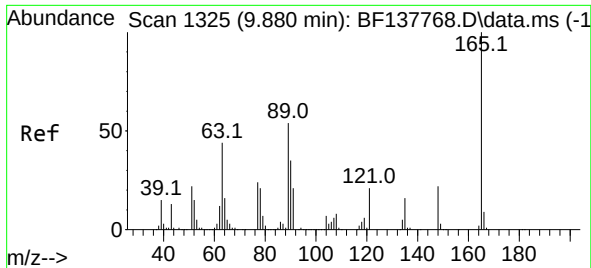
Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

170 24.1 19.4 29.2

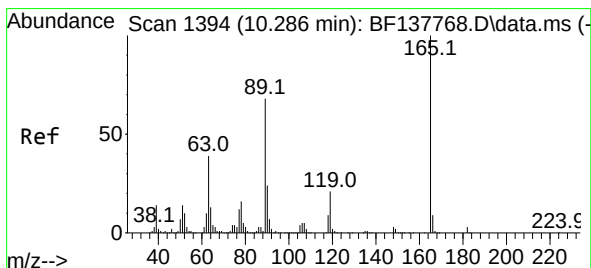
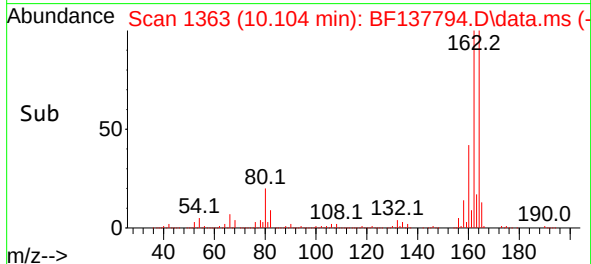
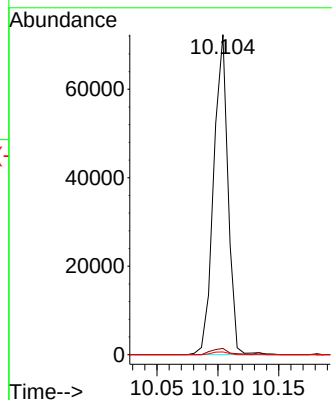
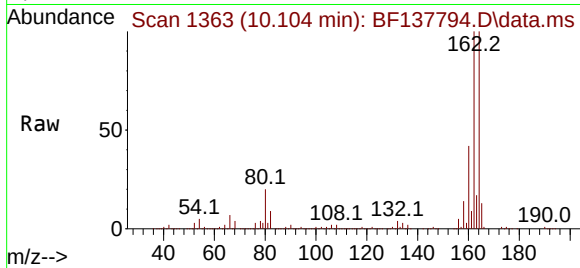




#51
2,6-Dinitrotoluene
Concen: 9.083 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.224 min
Lab File: BF137794.D
Acq: 01 May 2024 16:21

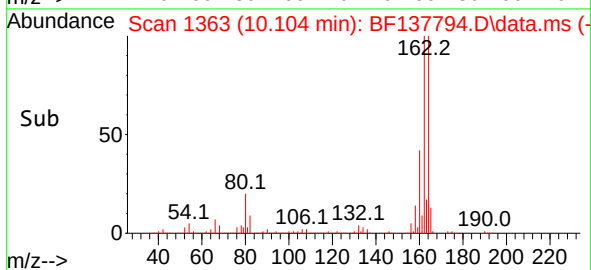
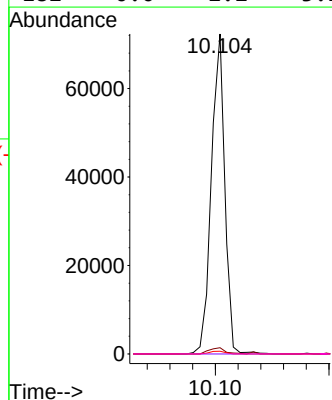
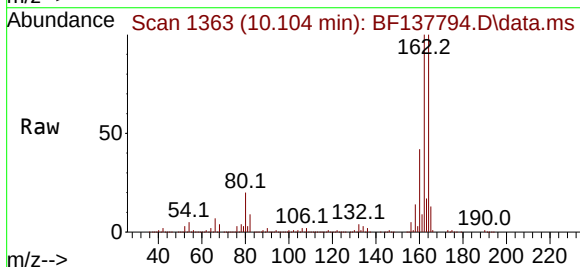
Instrument :
BNA_F
ClientSampleId :

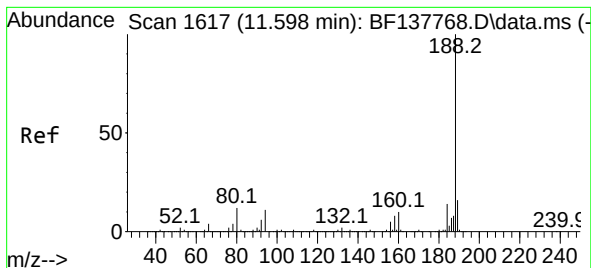
Tgt Ion:165 Resp: 59276
Ion Ratio Lower Upper
165 100
63 1.9 41.9 62.9#
89 0.9 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.953 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.182 min
Lab File: BF137794.D
Acq: 01 May 2024 16:21

Tgt Ion:165 Resp: 59277
Ion Ratio Lower Upper
165 100
63 1.9 31.3 46.9#
89 0.9 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

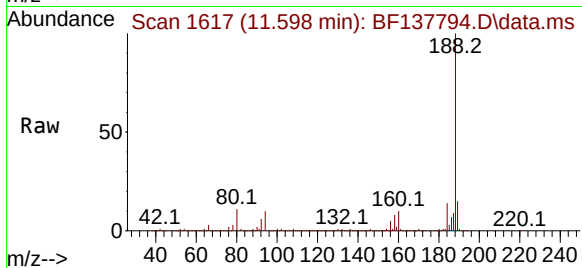
Lab File: BF137794.D

Acq: 01 May 2024 16:21

Instrument :

BNA_F

ClientSampleId :



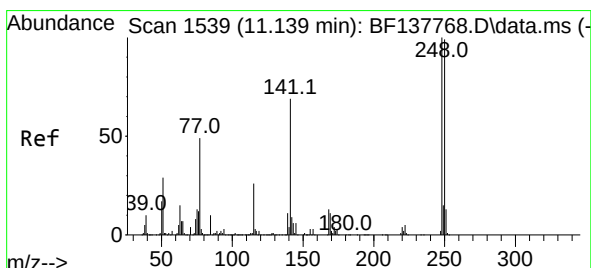
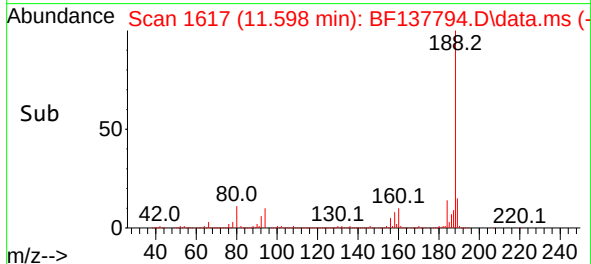
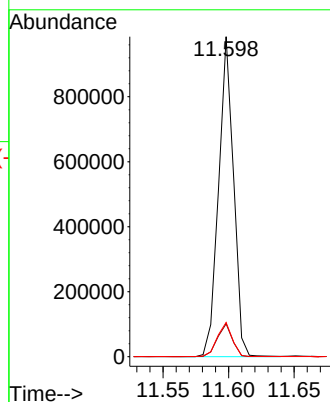
Tgt Ion:188 Resp: 779265

Ion Ratio Lower Upper

188 100

94 10.3 8.8 13.2

80 10.7 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 5.091 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.241 min

Lab File: BF137794.D

Acq: 01 May 2024 16:21

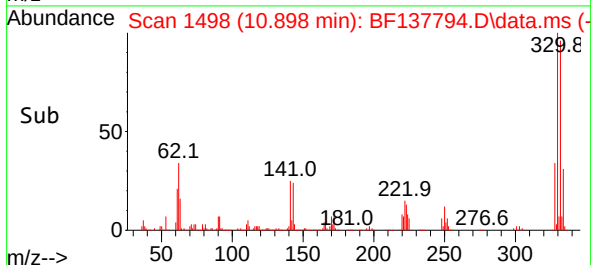
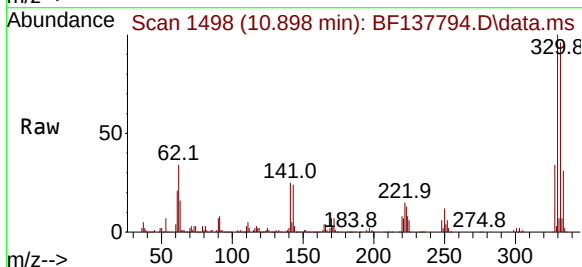
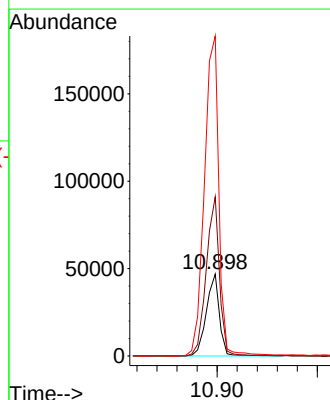
Tgt Ion:248 Resp: 42458

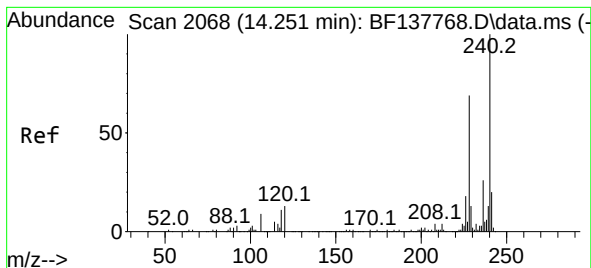
Ion Ratio Lower Upper

248 100

250 194.4 79.1 118.7#

141 390.7 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. 0.000 min

Lab File: BF137794.D

Acq: 01 May 2024 16:21

Instrument :

BNA_F

ClientSampleId :

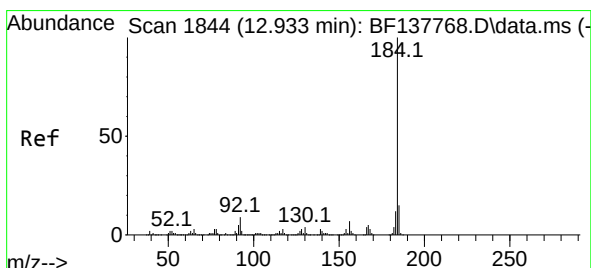
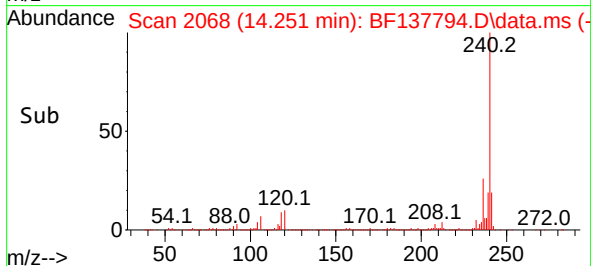
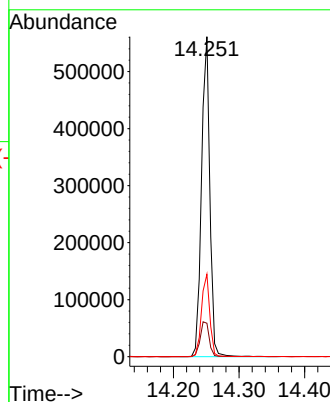
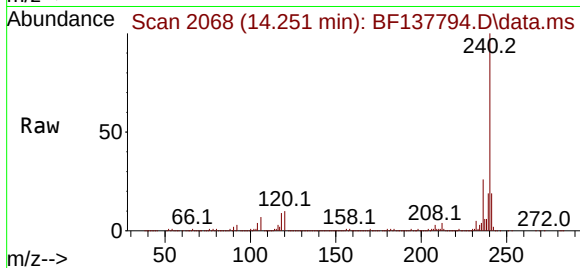
Tgt Ion:240 Resp: 495748

Ion Ratio Lower Upper

240 100

120 10.4 10.4 15.6

236 25.8 20.4 30.6



#77

Benzidine

Concen: 2.925 ng

RT: 13.192 min Scan# 1888

Delta R.T. 0.259 min

Lab File: BF137794.D

Acq: 01 May 2024 16:21

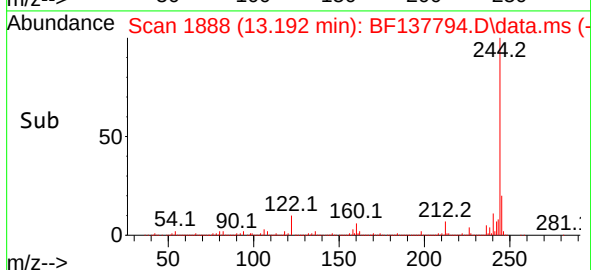
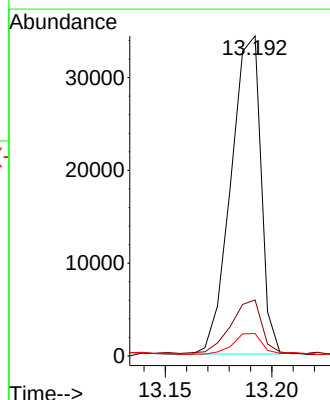
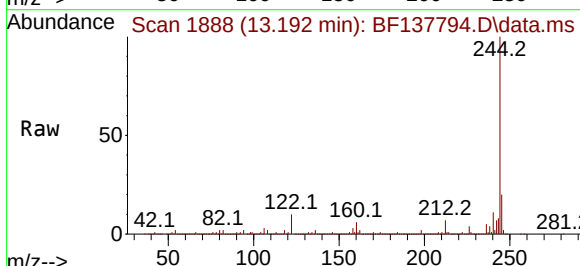
Tgt Ion:184 Resp: 33535

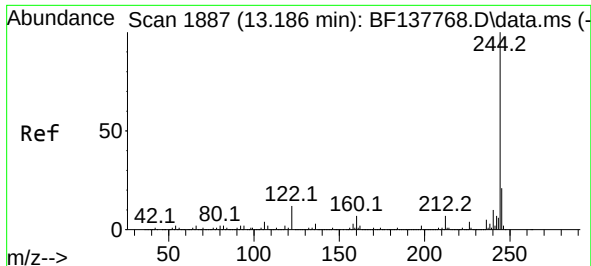
Ion Ratio Lower Upper

184 100

185 17.5 12.3 18.5

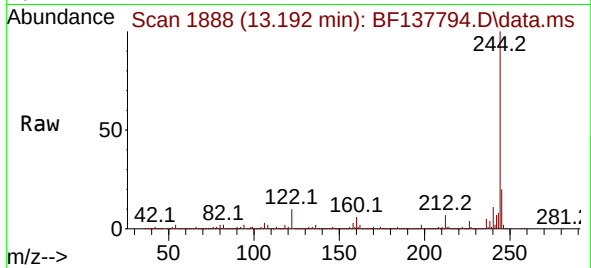
183 7.0 9.2 13.8#



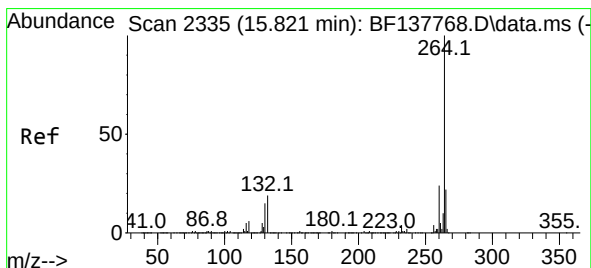
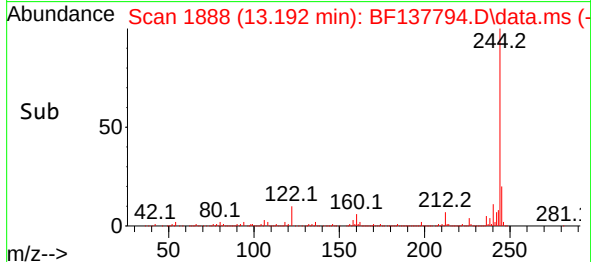
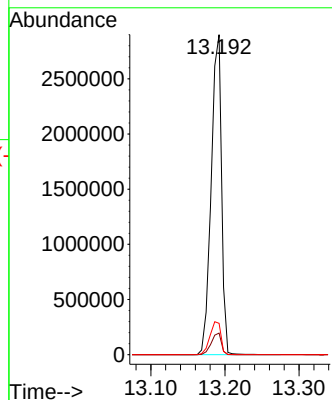


#79
 Terphenyl-d14
 Concen: 94.827 ng
 RT: 13.192 min Scan# 1888
 Delta R.T. 0.006 min
 Lab File: BF137794.D
 Acq: 01 May 2024 16:21

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 2805157
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 9.8 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: BF137794.D
 Acq: 01 May 2024 16:21

Tgt Ion:264 Resp: 457630
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.9 28.3
 265 22.2 17.4 26.0

