

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137809.D
 Acq On : 02 May 2024 11:39
 Operator : CG\JU
 Sample : PB160643BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 12:33:28 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)

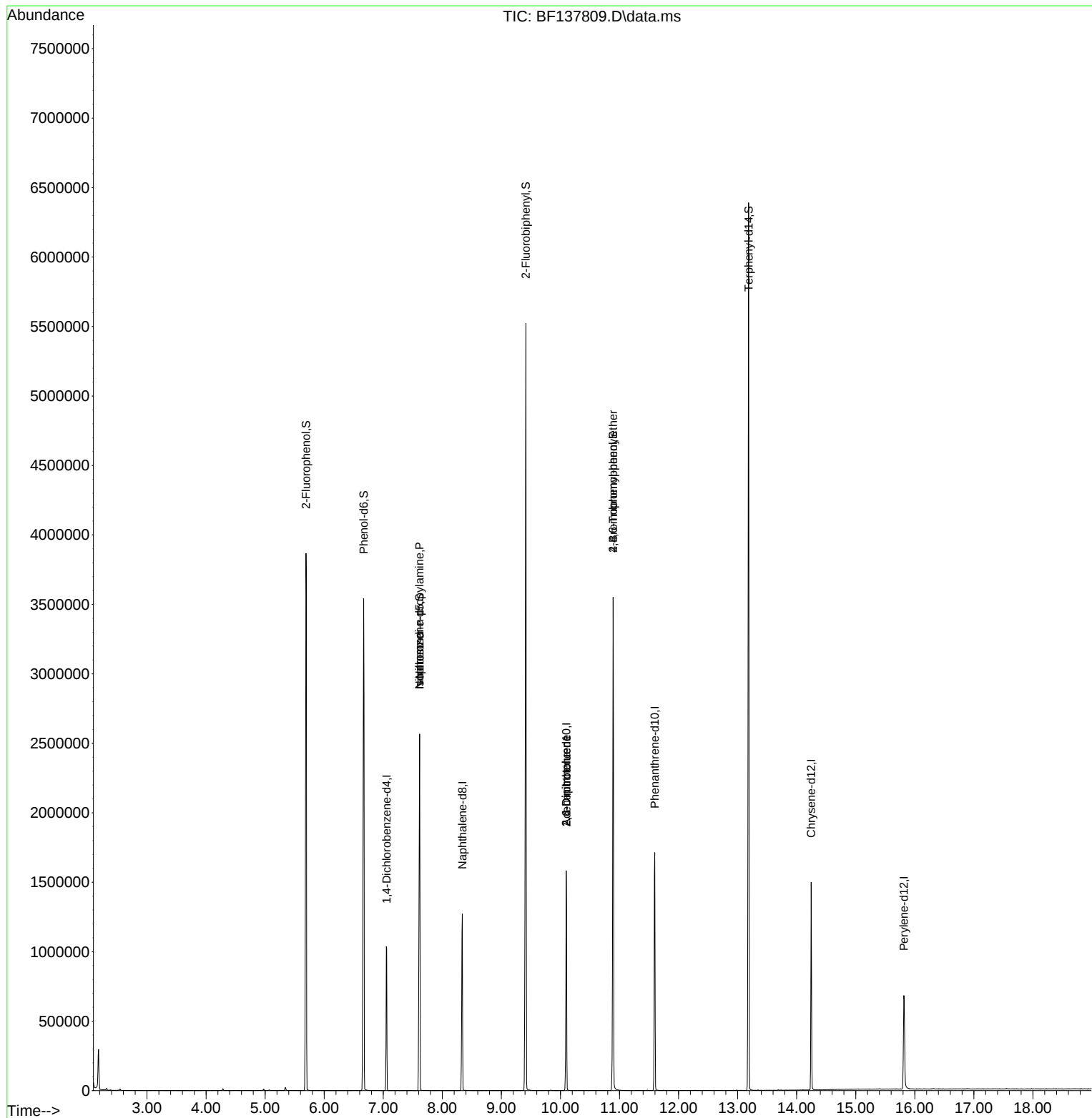
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	166460	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	650640	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	363732	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	658294	20.000	ng	# 0.00
76) Chrysene-d12	14.245	240	446547	20.000	ng	0.00
86) Perylene-d12	15.815	264	362948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	1280723	128.818	ng	0.02
7) Phenol-d6	6.669	99	1565837	124.168	ng	0.00
23) Nitrobenzene-d5	7.616	82	964660	86.138	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	497253	133.894	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1985369	88.554	ng	0.00
79) Terphenyl-d14	13.186	244	2347244	88.091	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.616	70	127124	16.868	ng	# 76
25) Isophorone	7.616	82	964640	47.774	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	47639	9.078	ng	# 26
57) 2,4-Dinitrotoluene	10.098	165	47639	6.949	ng	# 26
67) 4-Bromophenyl-phenylether	10.892	248	31987	4.540	ng	# 1

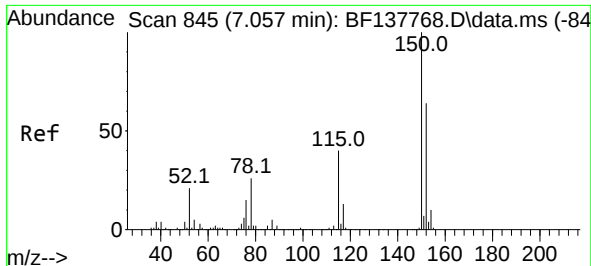
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
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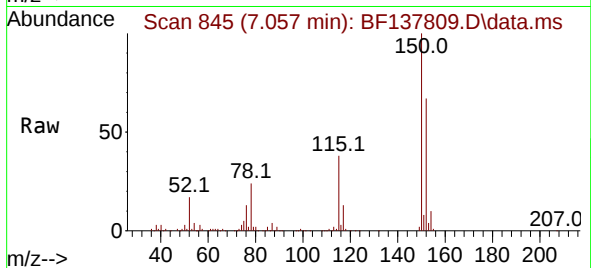
Quant Time: May 02 12:33:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration



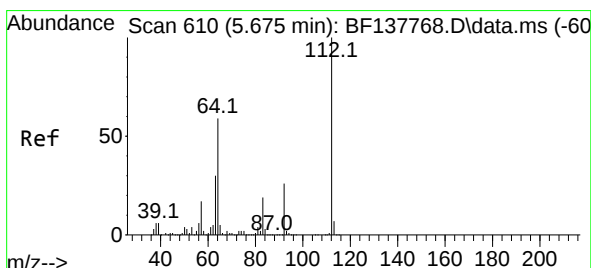
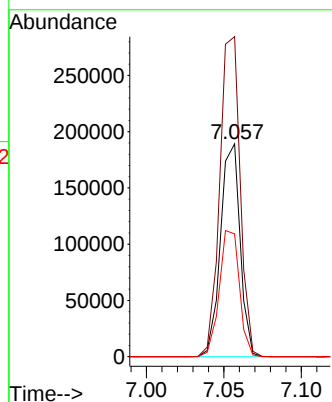
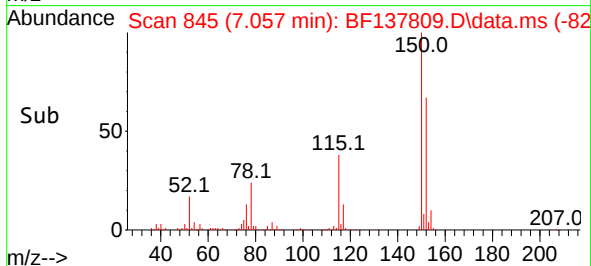


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF137809.D
Acq: 02 May 2024 11:39

Instrument :
BNA_F
ClientSampleId :

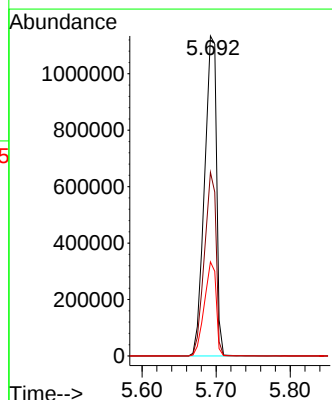
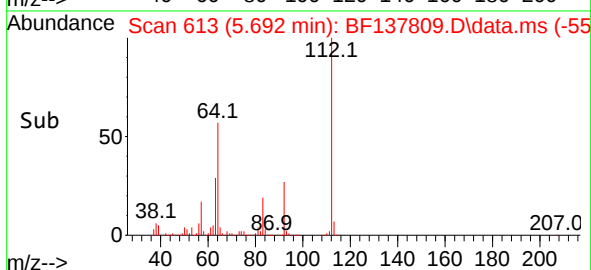
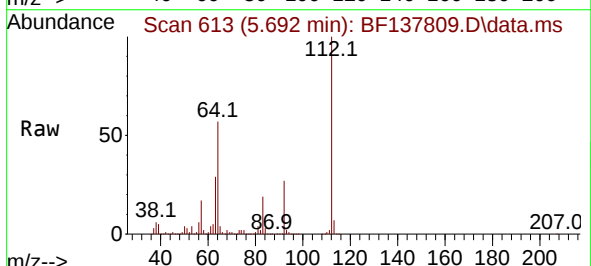


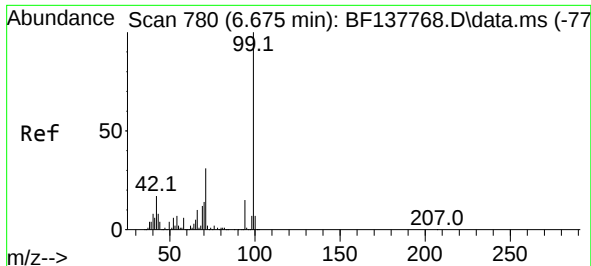
Tgt Ion:152 Resp: 166460
Ion Ratio Lower Upper
152 100
150 150.4 124.1 186.1
115 57.8 49.1 73.7



#5
2-Fluorophenol
Concen: 128.818 ng
RT: 5.692 min Scan# 613
Delta R.T. 0.017 min
Lab File: BF137809.D
Acq: 02 May 2024 11:39

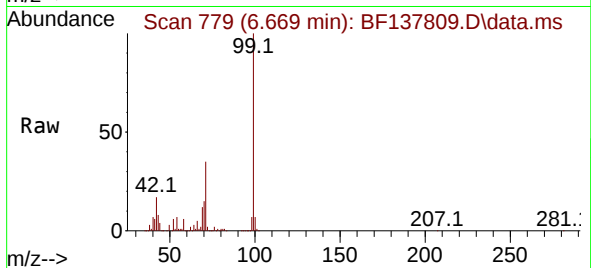
Tgt Ion:112 Resp: 1280723
Ion Ratio Lower Upper
112 100
64 57.4 47.3 70.9
63 29.4 23.7 35.5





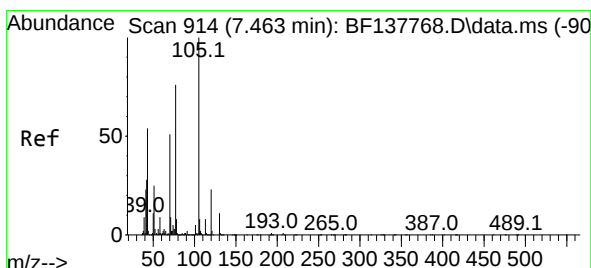
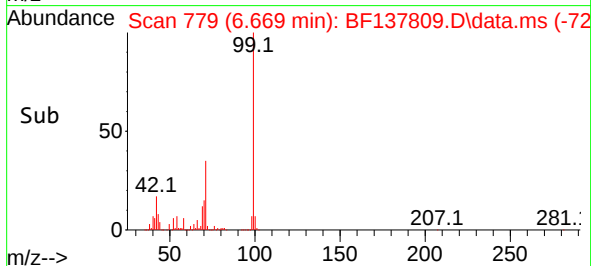
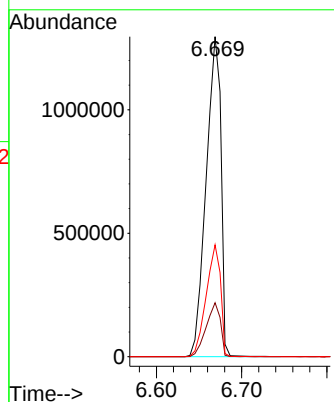
#7
Phenol-d6
Concen: 124.168 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137809.D
Acq: 02 May 2024 11:39

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1565837

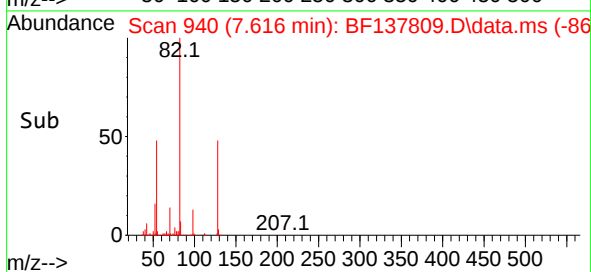
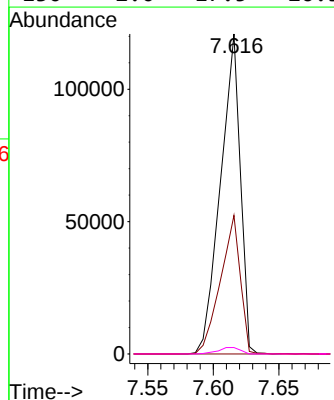
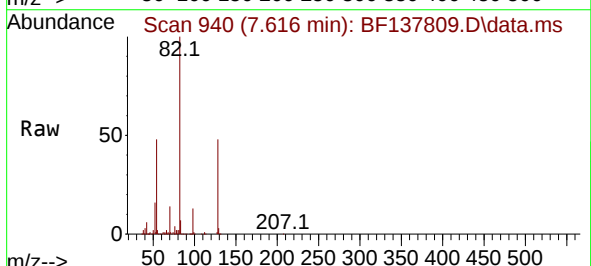
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.2	19.8
71	35.0	25.0	37.4

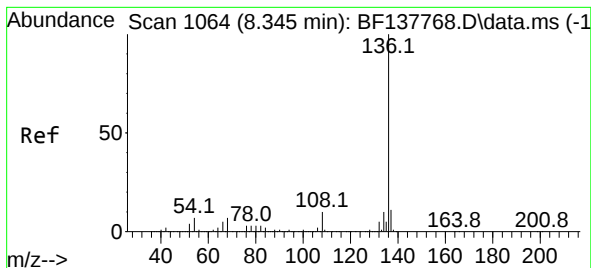


#19
n-Nitroso-di-n-propylamine
Concen: 16.868 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137809.D
Acq: 02 May 2024 11:39

Tgt Ion: 70 Resp: 127124

Ion	Ratio	Lower	Upper
70	100		
42	43.3	44.6	66.8#
101	0.0	7.8	11.6#
130	2.0	17.5	26.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.339 min Scan# 1

Delta R.T. -0.006 min

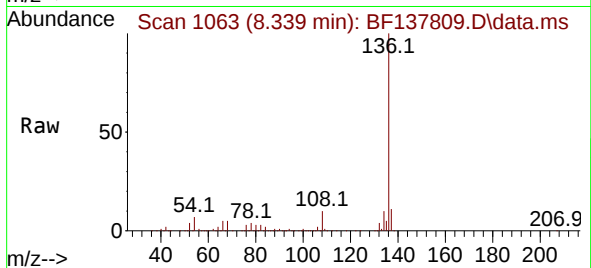
Lab File: BF137809.D

Acq: 02 May 2024 11:39

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 650640

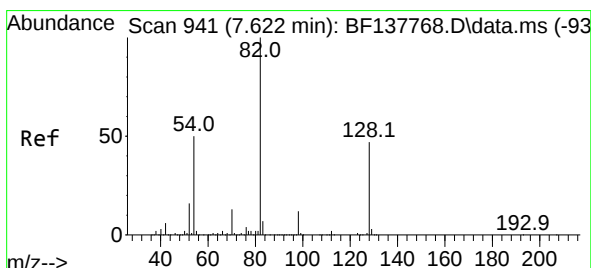
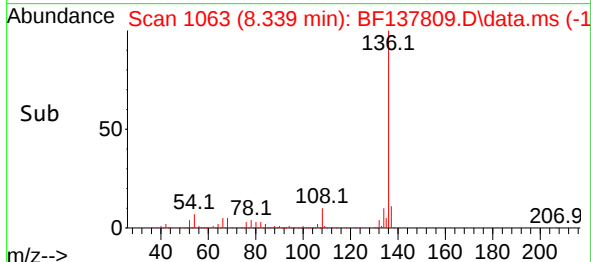
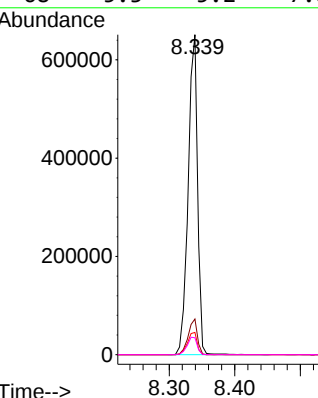
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.0 5.8 8.8

68 5.3 5.2 7.8



#23

Nitrobenzene-d5

Concen: 86.138 ng

RT: 7.616 min Scan# 940

Delta R.T. -0.006 min

Lab File: BF137809.D

Acq: 02 May 2024 11:39

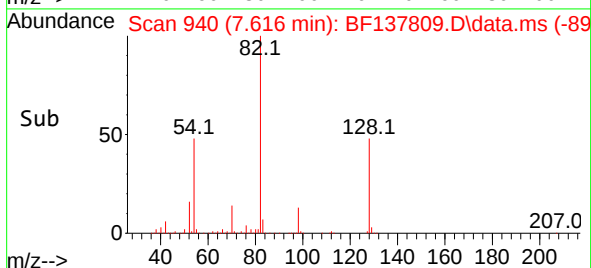
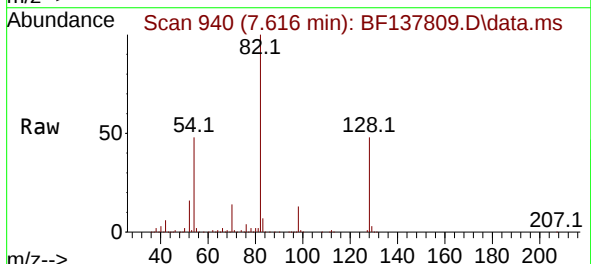
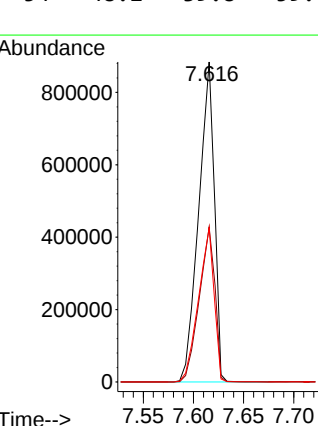
Tgt Ion: 82 Resp: 964660

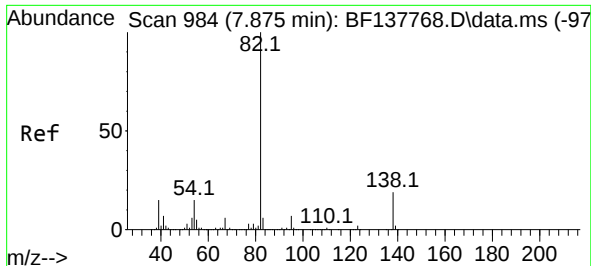
Ion Ratio Lower Upper

82 100

128 48.4 37.5 56.3

54 48.2 39.8 59.6

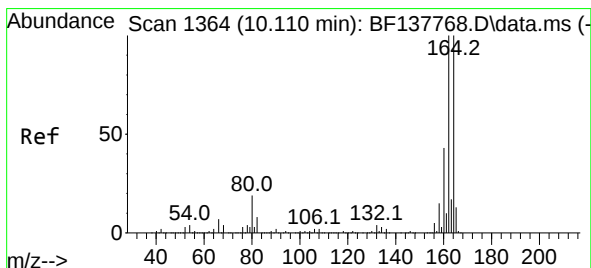
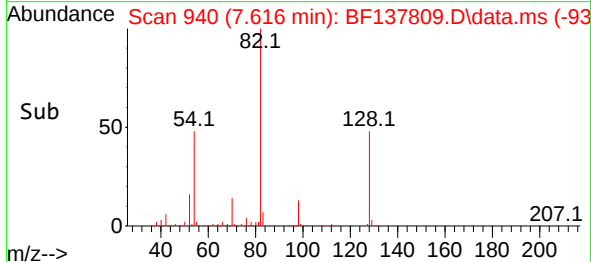
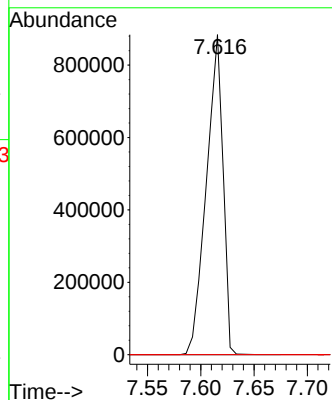
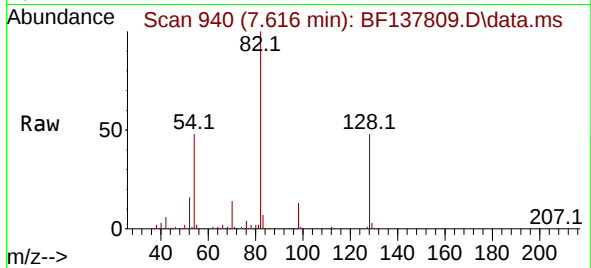




#25
Isophorone
Concen: 47.774 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137809.D
Acq: 02 May 2024 11:39

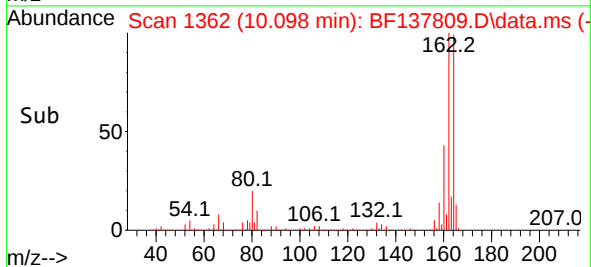
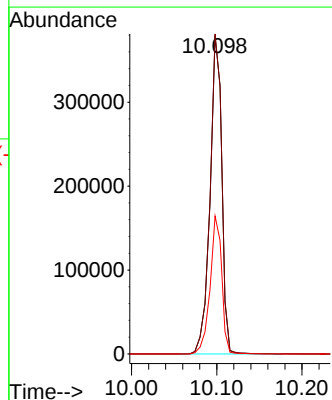
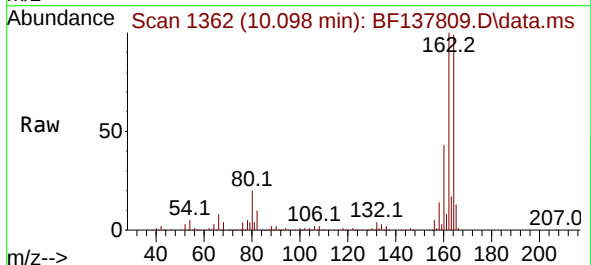
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 964640
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: BF137809.D
Acq: 02 May 2024 11:39

Tgt Ion:164 Resp: 363732
Ion Ratio Lower Upper
164 100
162 100.7 79.8 119.6
160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 133.894 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.006 min

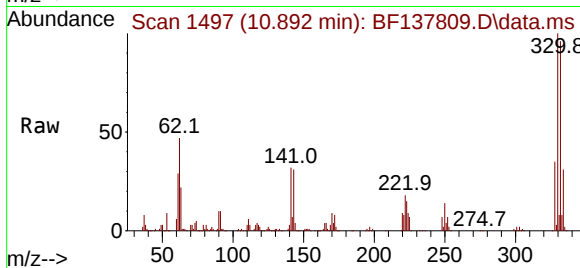
Lab File: BF137809.D

Acq: 02 May 2024 11:39

Instrument :

BNA_F

ClientSampleId :



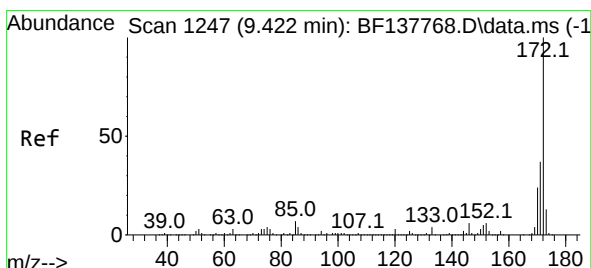
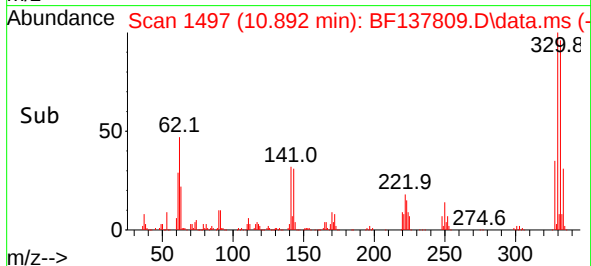
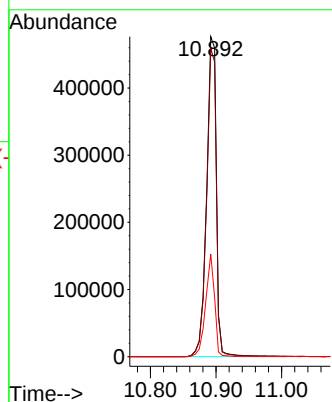
Tgt Ion:330 Resp: 497253

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 29.3 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 88.554 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137809.D

Acq: 02 May 2024 11:39

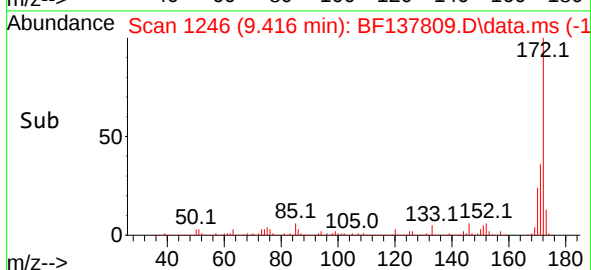
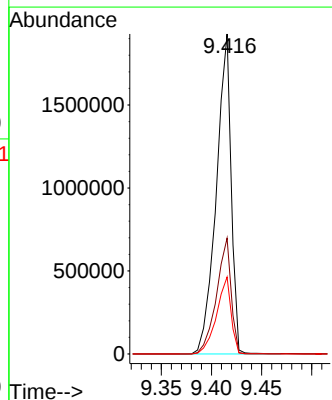
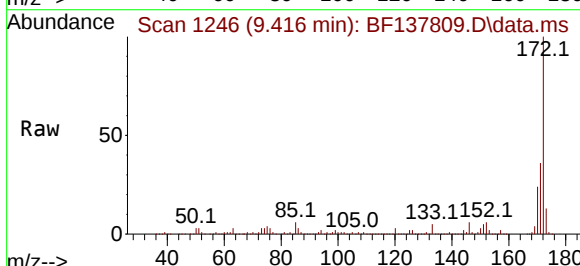
Tgt Ion:172 Resp: 1985369

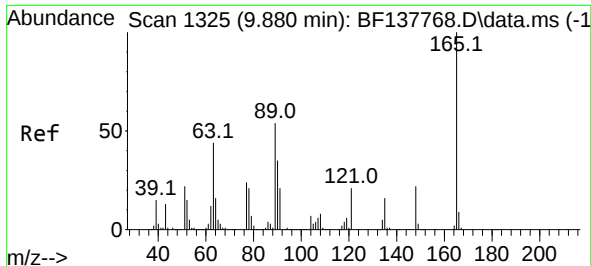
Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

170 24.0 19.4 29.2

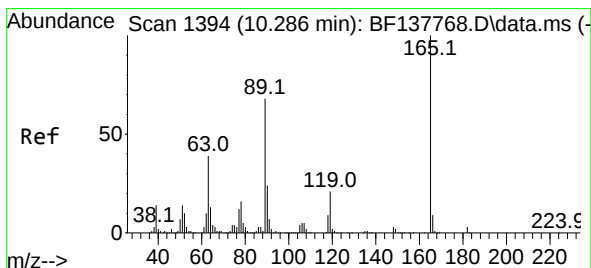
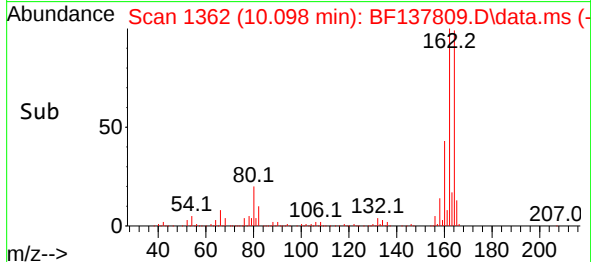
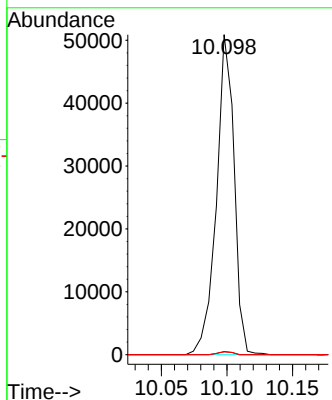
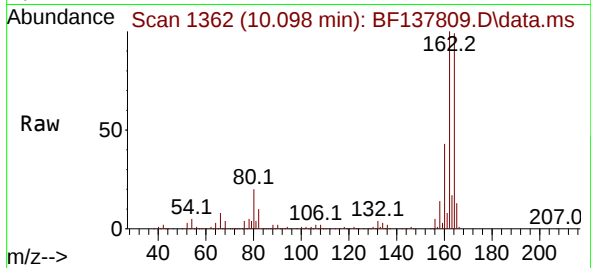




#51
2,6-Dinitrotoluene
Concen: 9.078 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.217 min
Lab File: BF137809.D
Acq: 02 May 2024 11:39

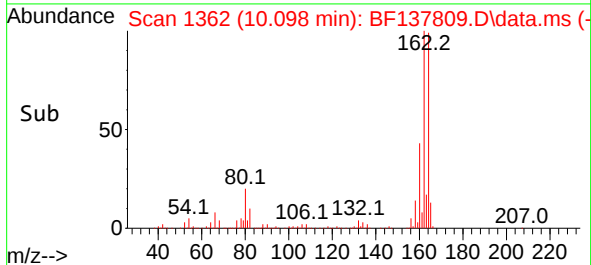
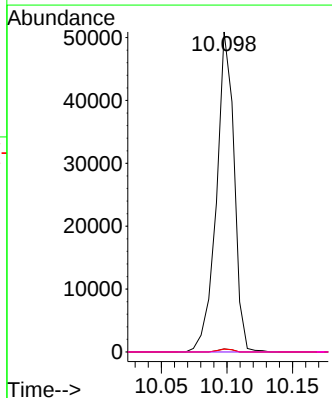
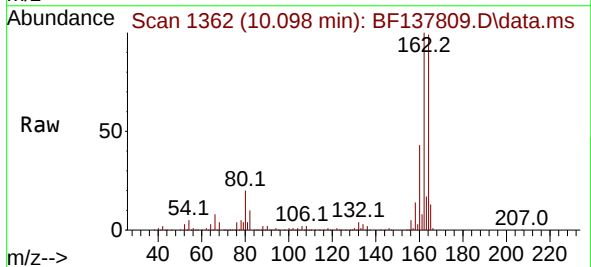
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 47639
Ion Ratio Lower Upper
165 100
63 1.0 41.9 62.9#
89 0.8 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.949 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137809.D
Acq: 02 May 2024 11:39

Tgt Ion:165 Resp: 47639
Ion Ratio Lower Upper
165 100
63 1.0 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

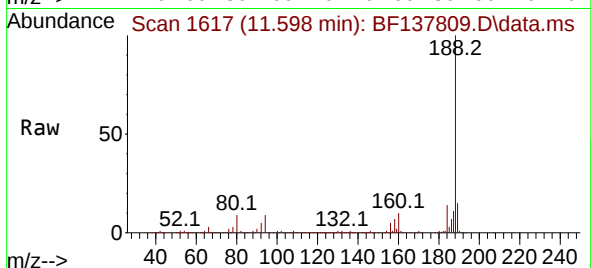
Lab File: BF137809.D

Acq: 02 May 2024 11:39

Instrument :

BNA_F

ClientSampleId :



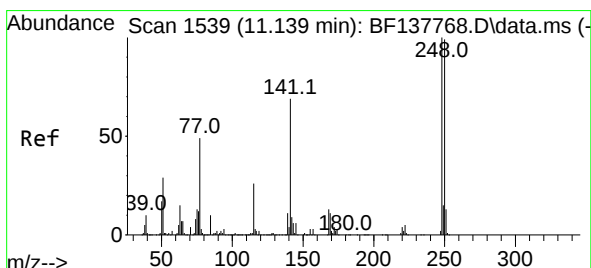
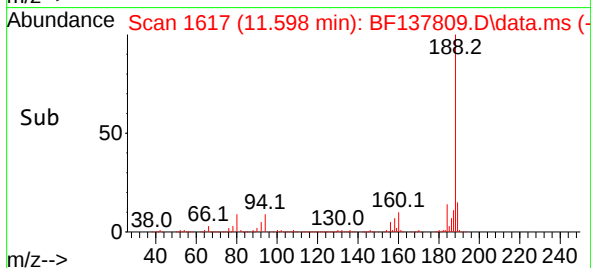
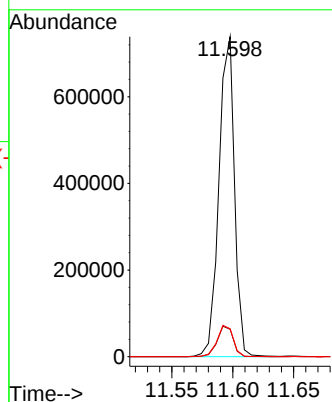
Tgt Ion:188 Resp: 658294

Ion Ratio Lower Upper

188 100

94 8.5 8.8 13.2#

80 8.8 9.6 14.4#



#67

4-Bromophenyl-phenylether

Concen: 4.540 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.247 min

Lab File: BF137809.D

Acq: 02 May 2024 11:39

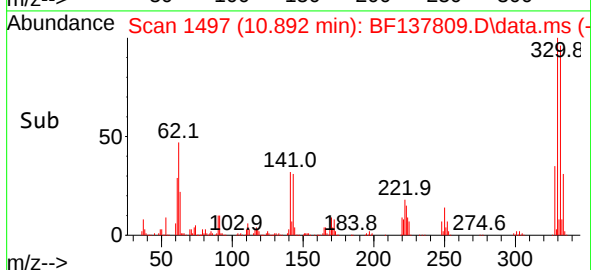
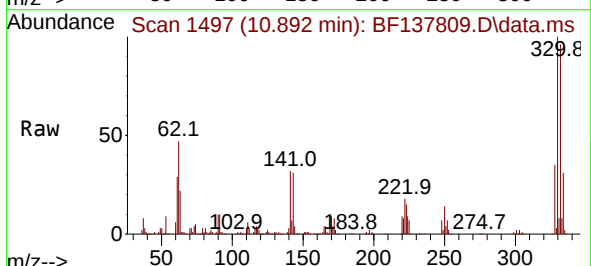
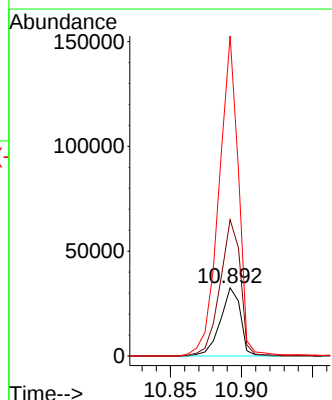
Tgt Ion:248 Resp: 31987

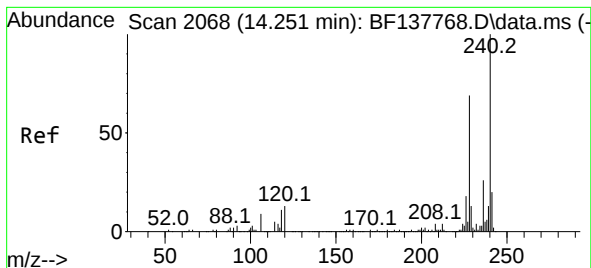
Ion Ratio Lower Upper

248 100

250 199.8 79.1 118.7#

141 469.3 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: BF137809.D

Acq: 02 May 2024 11:39

Instrument :

BNA_F

ClientSampleId :

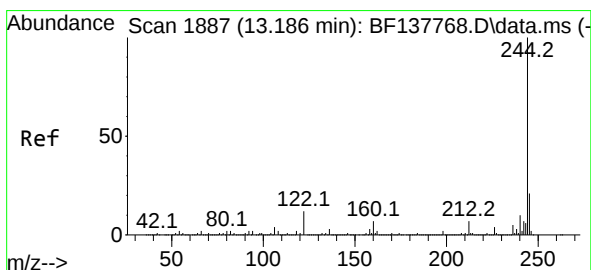
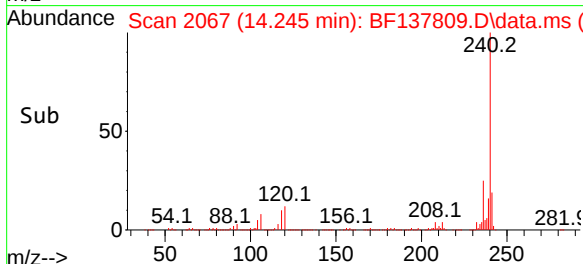
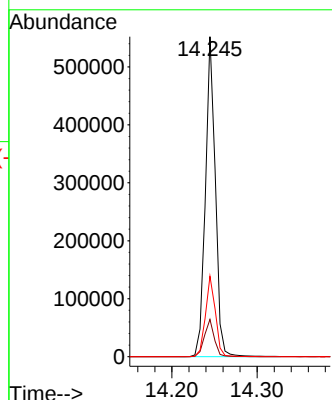
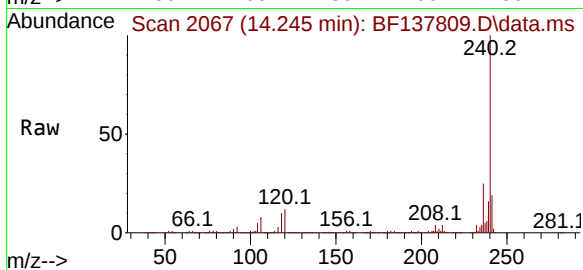
Tgt Ion:240 Resp: 446547

Ion Ratio Lower Upper

240 100

120 11.7 10.4 15.6

236 25.2 20.4 30.6



#79

Terphenyl-d14

Concen: 88.091 ng

RT: 13.186 min Scan# 1887

Delta R.T. -0.000 min

Lab File: BF137809.D

Acq: 02 May 2024 11:39

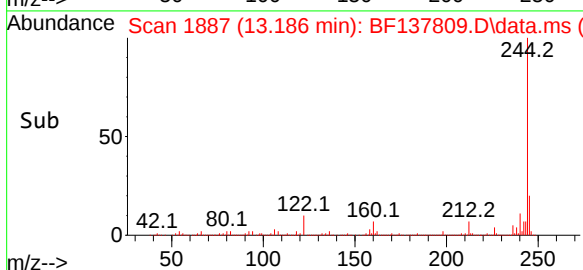
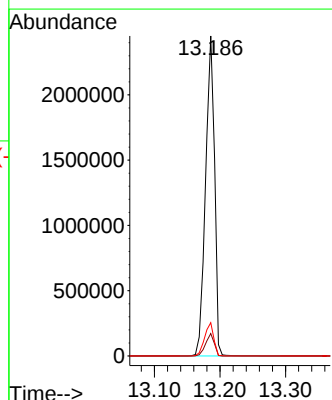
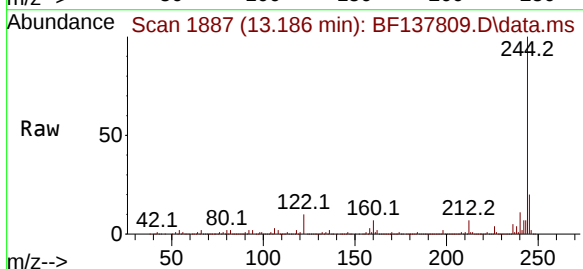
Tgt Ion:244 Resp: 2347244

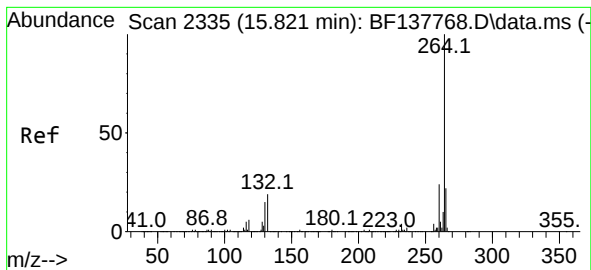
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 10.4 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.815 min Scan# 21

Delta R.T. -0.006 min

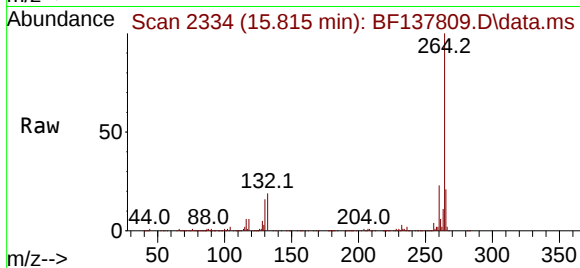
Lab File: BF137809.D

Acq: 02 May 2024 11:39

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 362948

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.1 17.4 26.0

