

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137820.D
 Acq On : 02 May 2024 17:50
 Operator : CG\JU
 Sample : P2323-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 18:41:22 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)

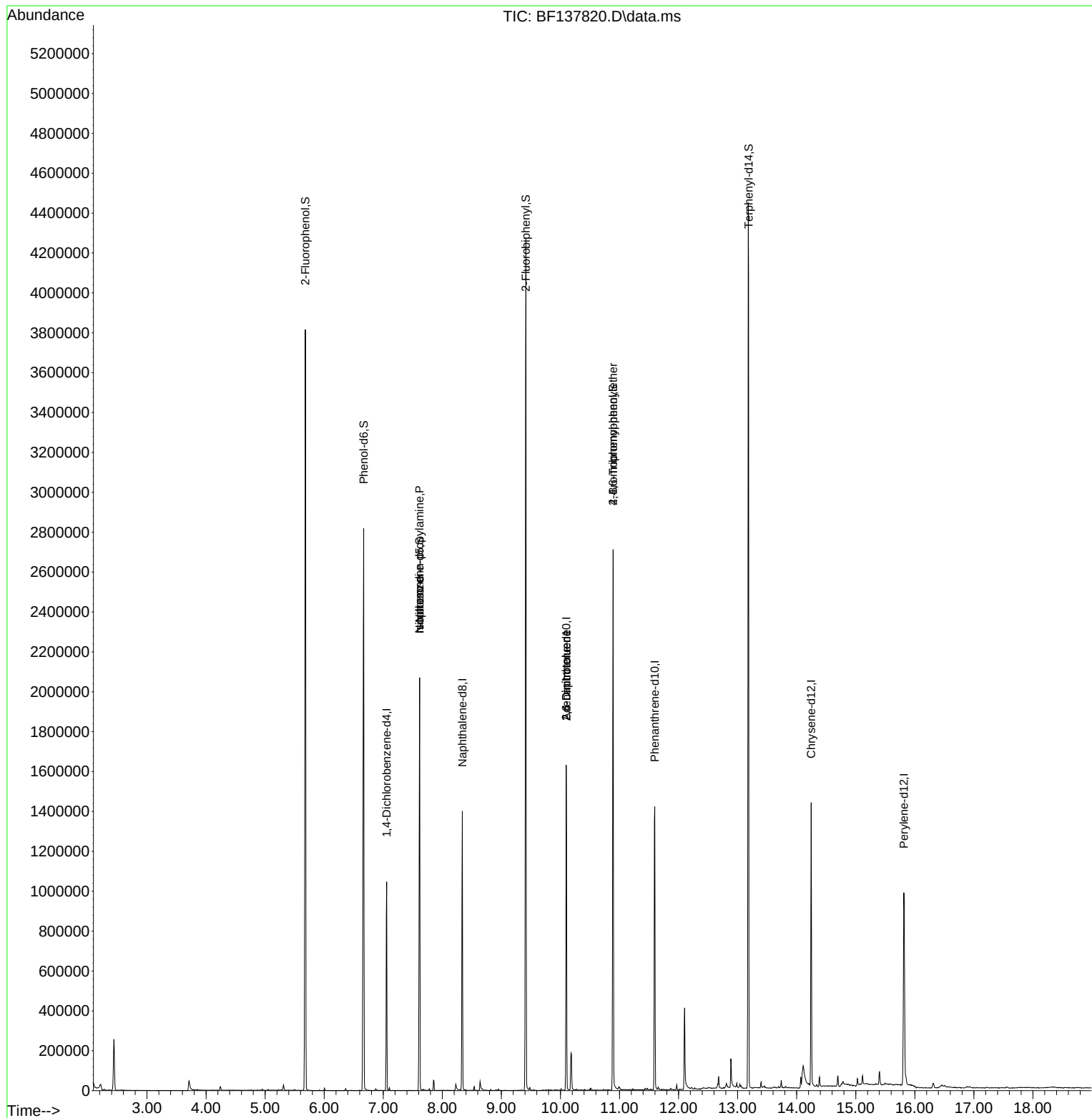
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	148605	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	583080	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	329154	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	535028	20.000	ng	# 0.00
76) Chrysene-d12	14.245	240	429852	20.000	ng	0.00
86) Perylene-d12	15.815	264	468501	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1167038	131.487	ng	0.00
7) Phenol-d6	6.669	99	1046060	92.917	ng	0.00
23) Nitrobenzene-d5	7.616	82	639867	63.756	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	319728	95.136	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1327490	65.430	ng	0.00
79) Terphenyl-d14	13.186	244	1612754	62.876	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.616	70	85357	12.687	ng	# 75
25) Isophorone	7.616	82	639857	35.361	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	43282	9.115	ng	# 27
57) 2,4-Dinitrotoluene	10.098	165	43283	6.977	ng	# 26
67) 4-Bromophenyl-phenylether	10.892	248	21118	3.688	ng	# 1

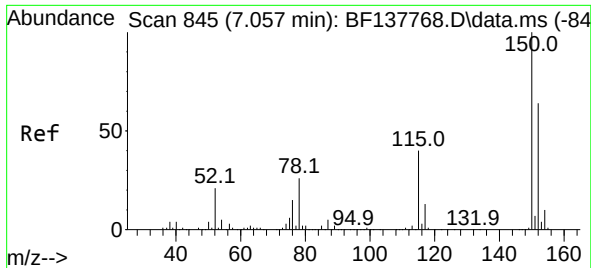
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137820.D
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Operator : CG\JU
Sample : P2323-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

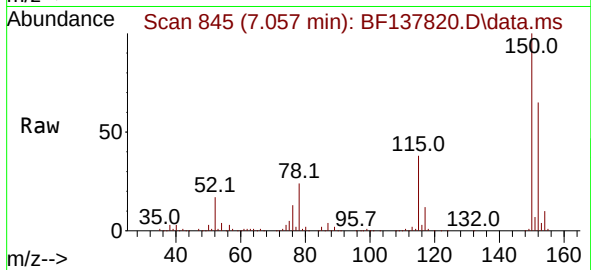
Quant Time: May 02 18:41:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
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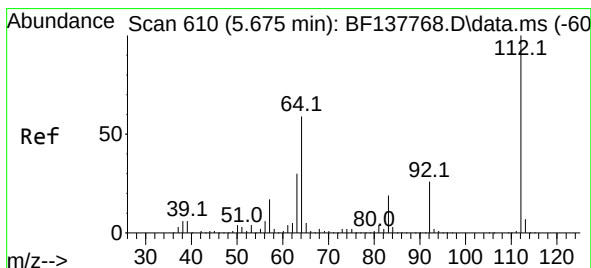
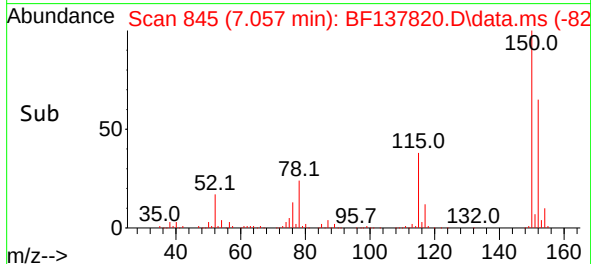
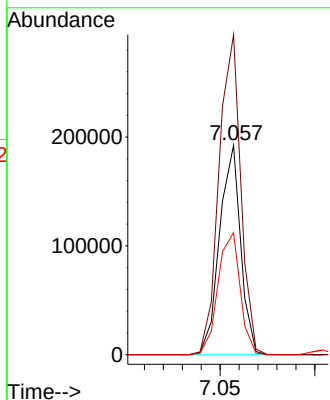


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.057 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BF137820.D
 Acq: 02 May 2024 17:50

Instrument :
 BNA_F
 ClientSampleId :

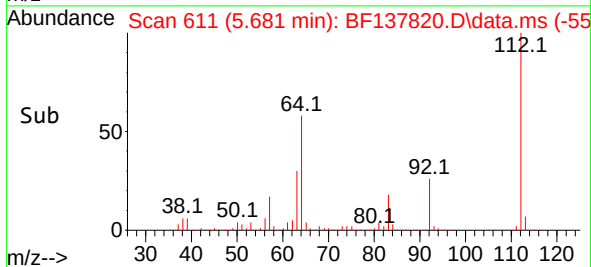
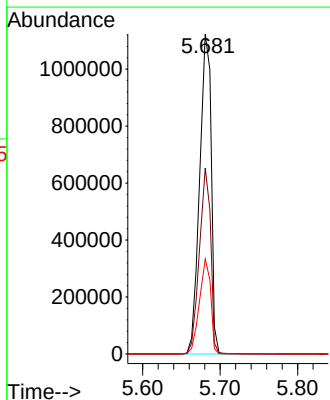
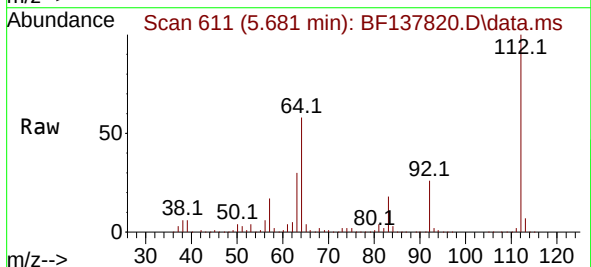


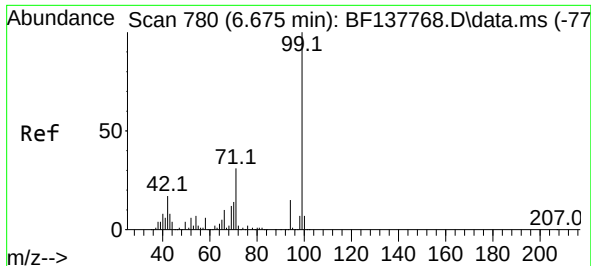
Tgt Ion:152 Resp: 148605
 Ion Ratio Lower Upper
 152 100
 150 152.8 124.1 186.1
 115 58.3 49.1 73.7



#5
 2-Fluorophenol
 Concen: 131.487 ng
 RT: 5.681 min Scan# 611
 Delta R.T. 0.006 min
 Lab File: BF137820.D
 Acq: 02 May 2024 17:50

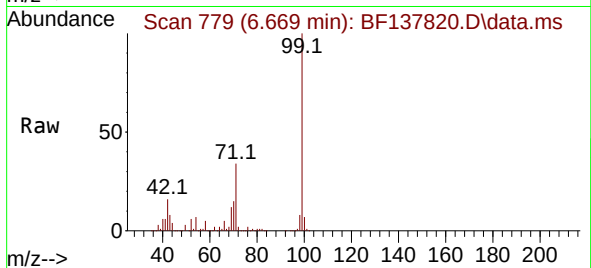
Tgt Ion:112 Resp: 1167038
 Ion Ratio Lower Upper
 112 100
 64 58.1 47.3 70.9
 63 29.7 23.7 35.5



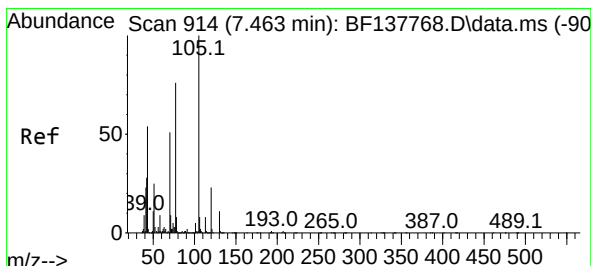
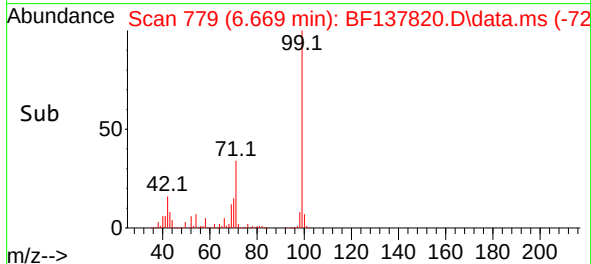
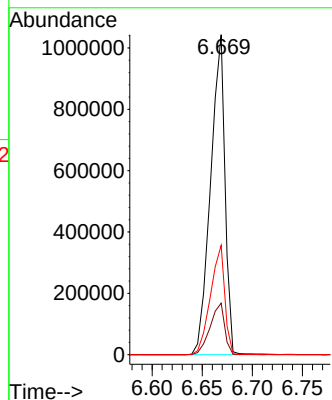


#7
Phenol-d6
Concen: 92.917 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137820.D
Acq: 02 May 2024 17:50

Instrument :
BNA_F
ClientSampleId :

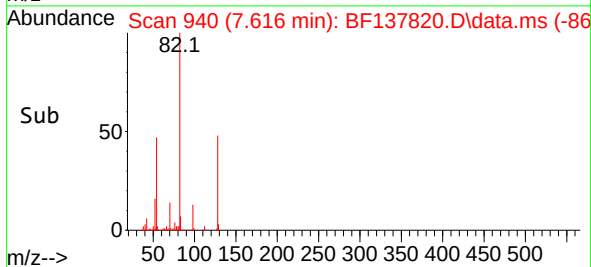
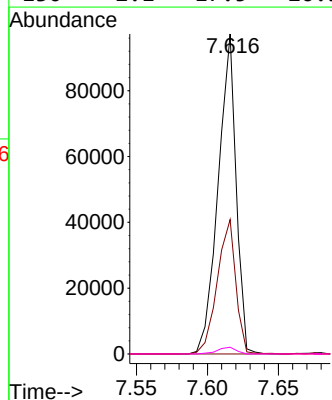
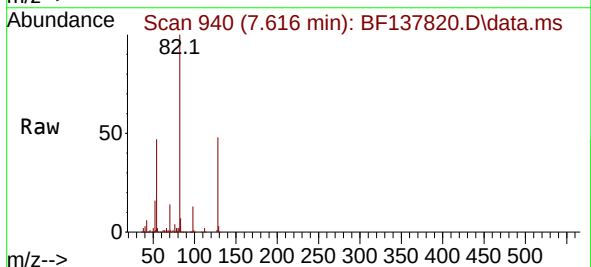


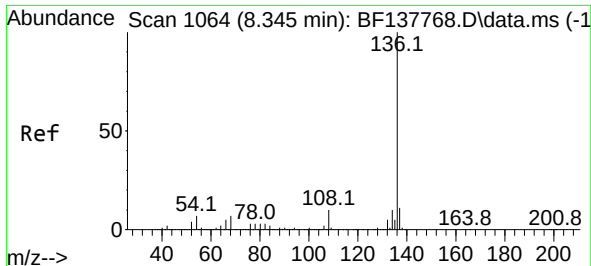
Tgt Ion: 99 Resp: 1046060
Ion Ratio Lower Upper
99 100
42 16.1 13.2 19.8
71 34.2 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.687 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137820.D
Acq: 02 May 2024 17:50

Tgt Ion: 70 Resp: 85357
Ion Ratio Lower Upper
70 100
42 42.0 44.6 66.8#
101 0.0 7.8 11.6#
130 2.1 17.5 26.3#



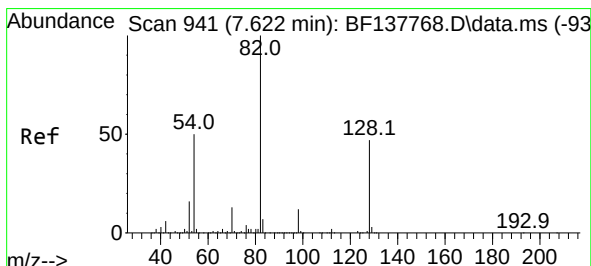
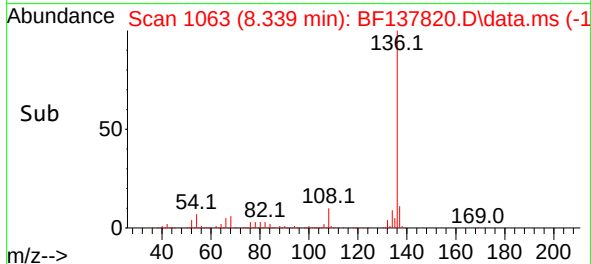
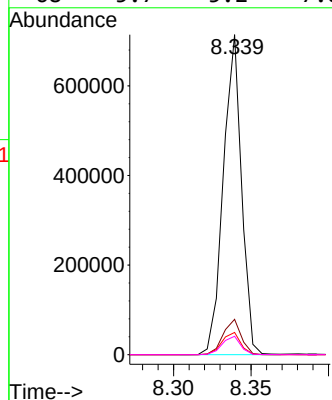
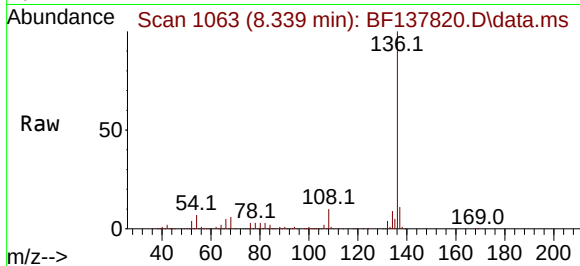


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137820.D
Acq: 02 May 2024 17:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 583080

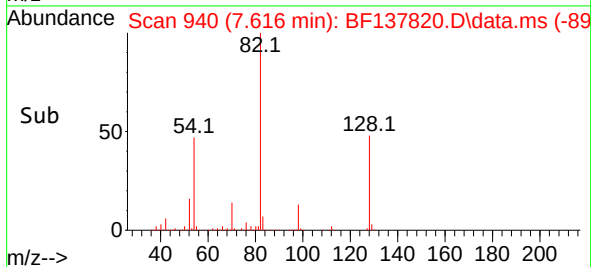
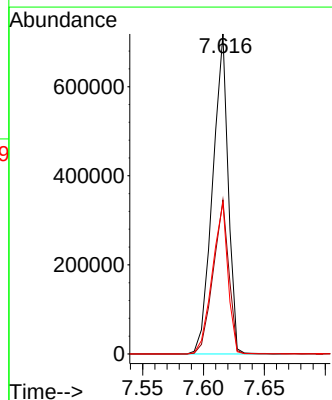
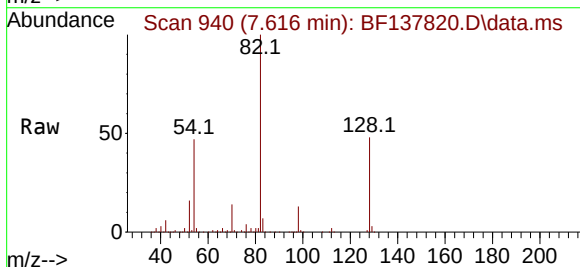
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.0	5.8	8.8
68	5.7	5.2	7.8

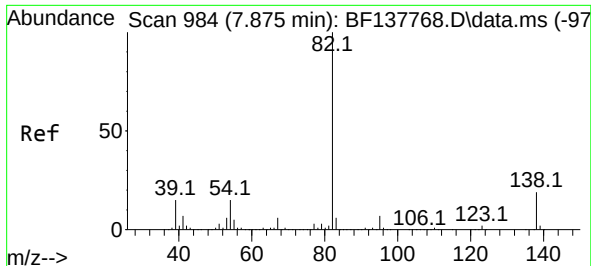


#23
Nitrobenzene-d5
Concen: 63.756 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137820.D
Acq: 02 May 2024 17:50

Tgt Ion: 82 Resp: 639867

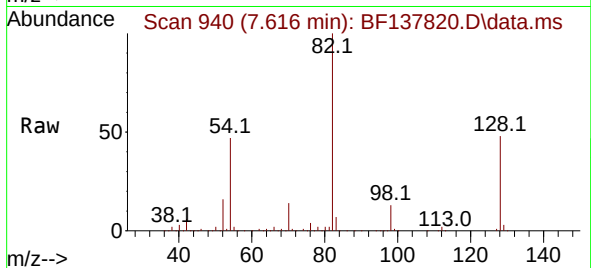
Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.5	56.3
54	47.3	39.8	59.6



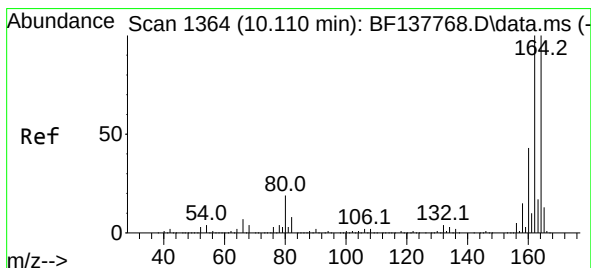
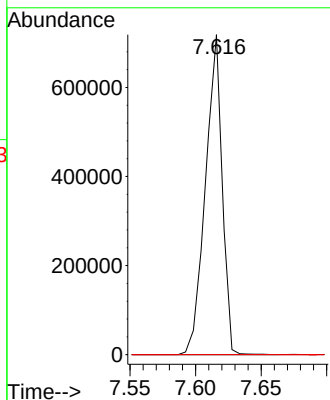
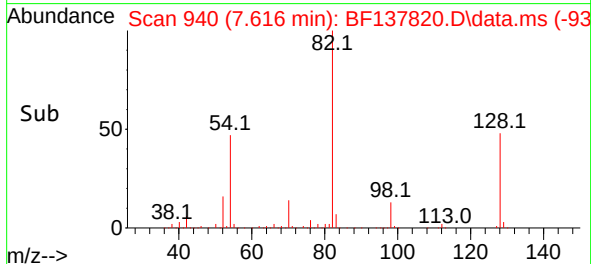


#25
Isophorone
Concen: 35.361 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137820.D
Acq: 02 May 2024 17:50

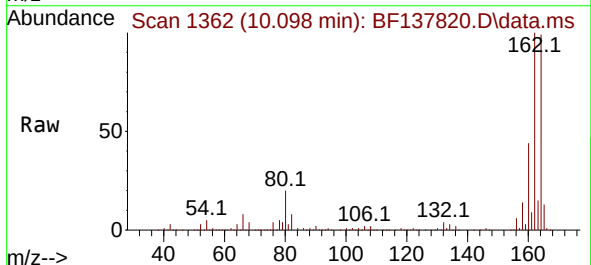
Instrument :
BNA_F
ClientSampleId :



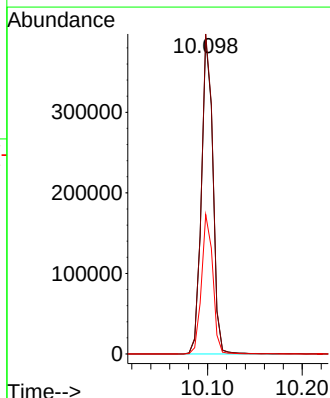
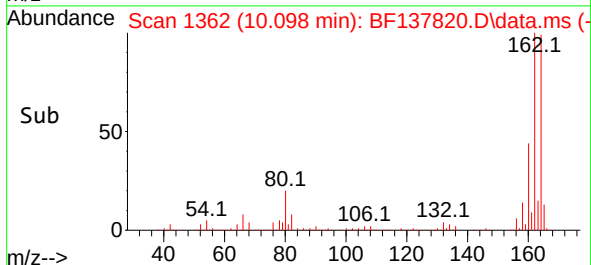
Tgt Ion: 82 Resp: 639857
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#

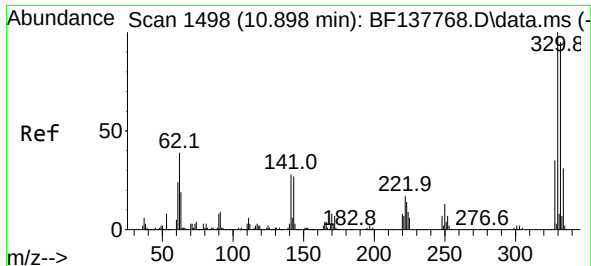


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137820.D
Acq: 02 May 2024 17:50



Tgt Ion: 164 Resp: 329154
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.6
160 44.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 95.136 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

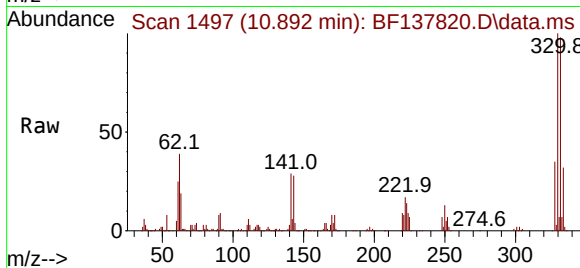
Lab File: BF137820.D

Acq: 02 May 2024 17:50

Instrument :

BNA_F

ClientSampleId :



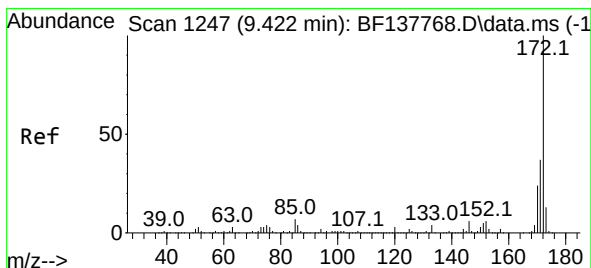
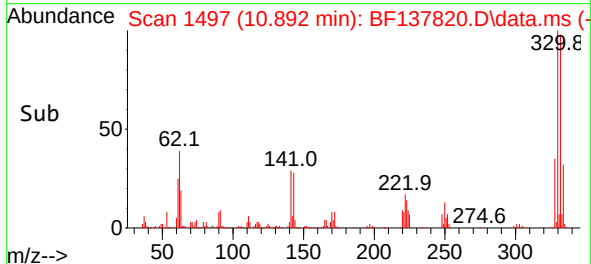
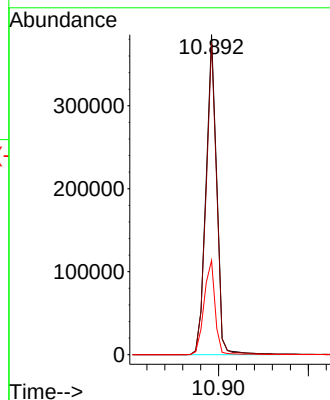
Tgt Ion:330 Resp: 319728

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 30.6 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 65.430 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137820.D

Acq: 02 May 2024 17:50

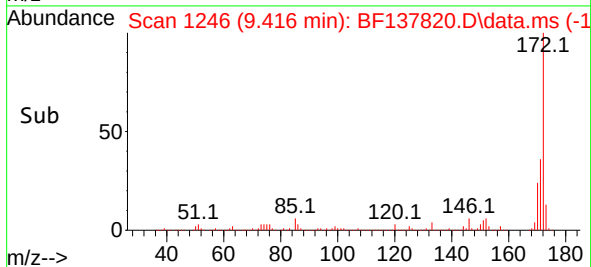
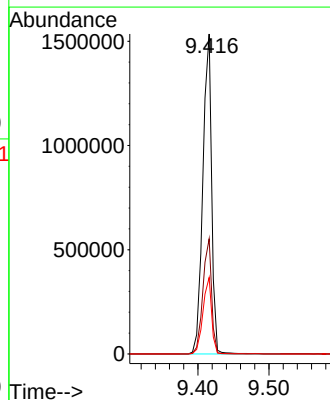
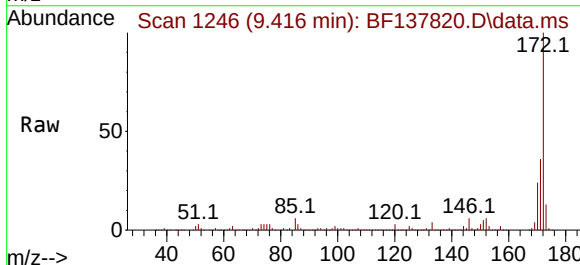
Tgt Ion:172 Resp: 1327490

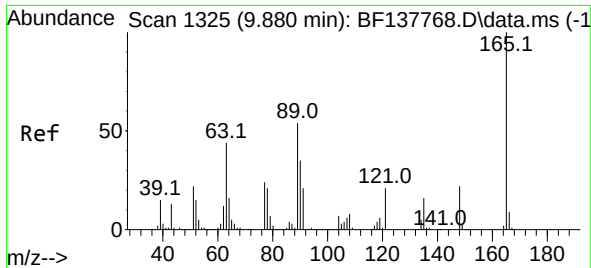
Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

170 23.9 19.4 29.2

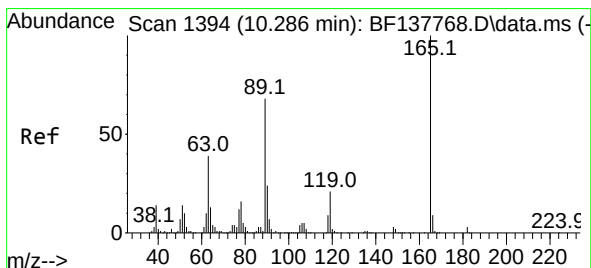
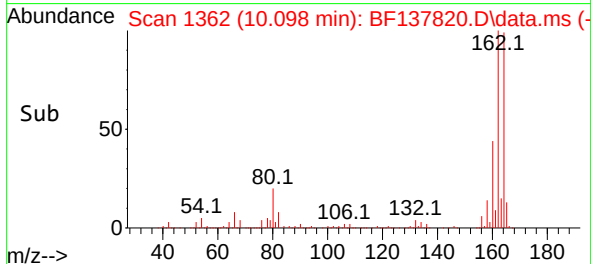
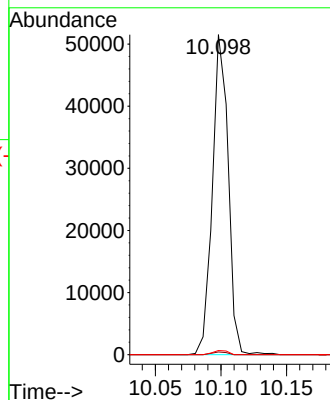
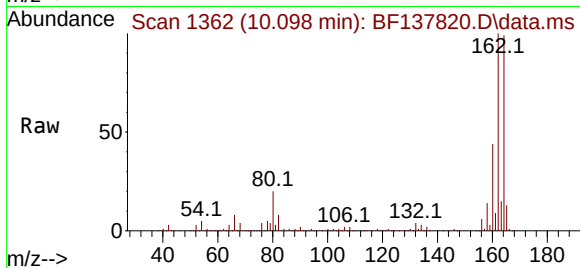




#51
2,6-Dinitrotoluene
Concen: 9.115 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.218 min
Lab File: BF137820.D
Acq: 02 May 2024 17:50

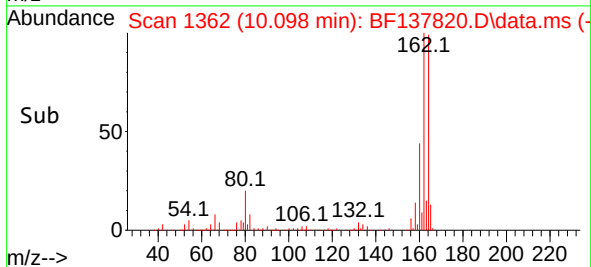
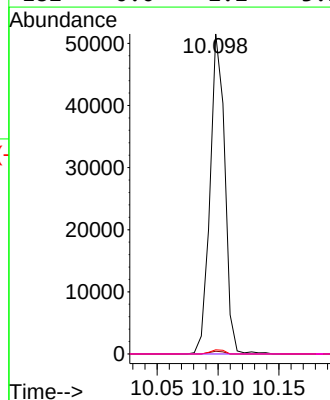
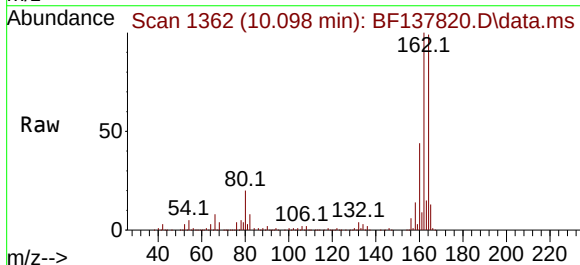
Instrument :
BNA_F
ClientSampleId :

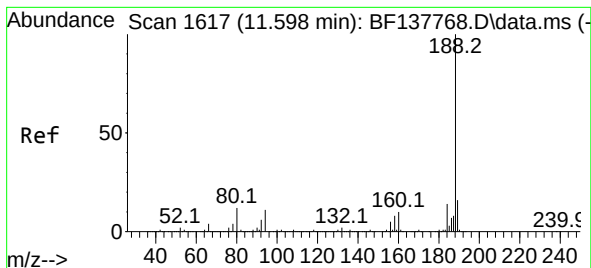
Tgt Ion:165 Resp: 43282
Ion Ratio Lower Upper
165 100
63 0.9 41.9 62.9#
89 1.3 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.977 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137820.D
Acq: 02 May 2024 17:50

Tgt Ion:165 Resp: 43283
Ion Ratio Lower Upper
165 100
63 0.9 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

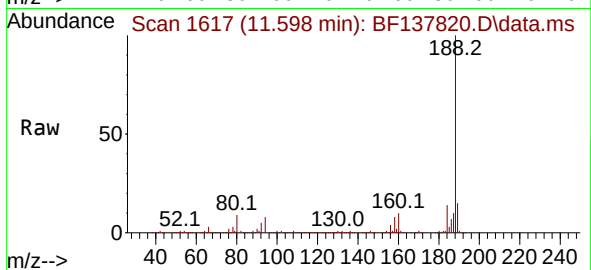
Lab File: BF137820.D

Acq: 02 May 2024 17:50

Instrument :

BNA_F

ClientSampleId :



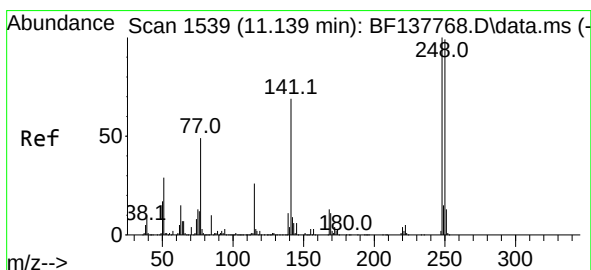
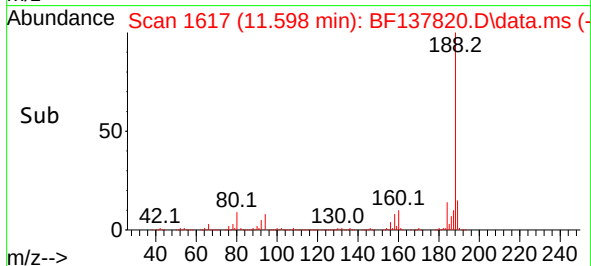
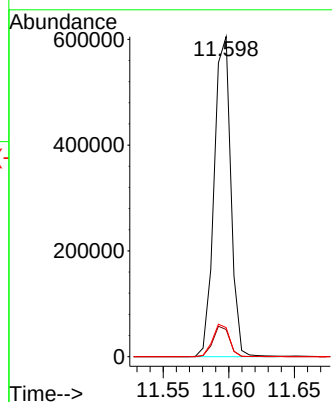
Tgt Ion:188 Resp: 535028

Ion Ratio Lower Upper

188 100

94 8.5 8.8 13.2#

80 9.1 9.6 14.4#



#67

4-Bromophenyl-phenylether

Concen: 3.688 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.247 min

Lab File: BF137820.D

Acq: 02 May 2024 17:50

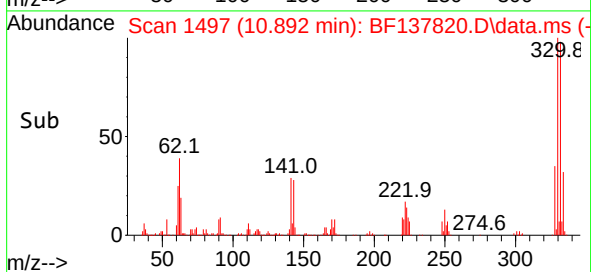
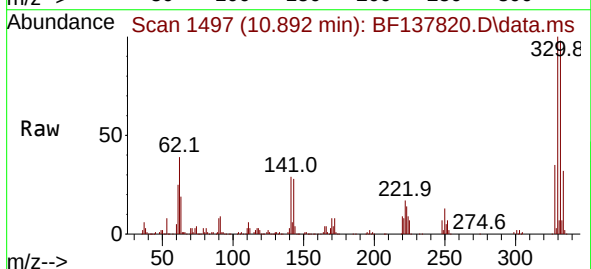
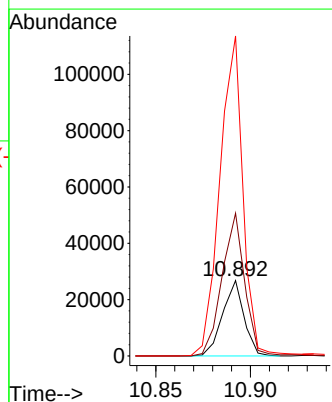
Tgt Ion:248 Resp: 21118

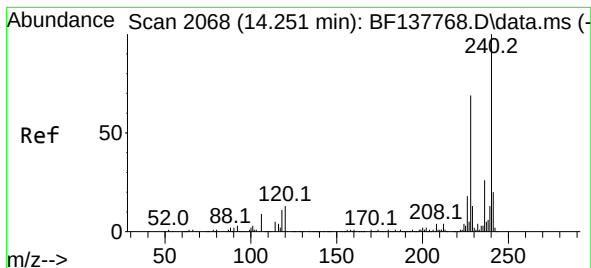
Ion Ratio Lower Upper

248 100

250 189.3 79.1 118.7#

141 424.4 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: BF137820.D

Acq: 02 May 2024 17:50

Instrument :

BNA_F

ClientSampleId :

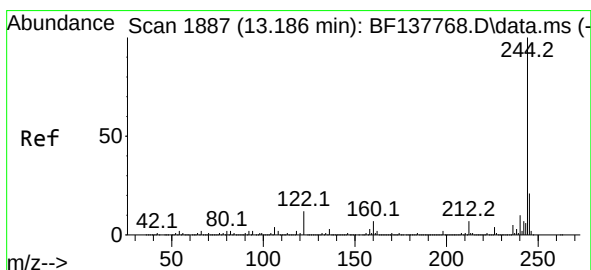
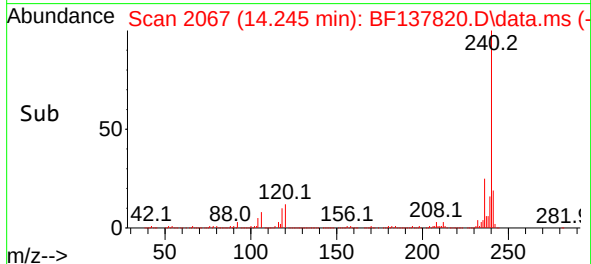
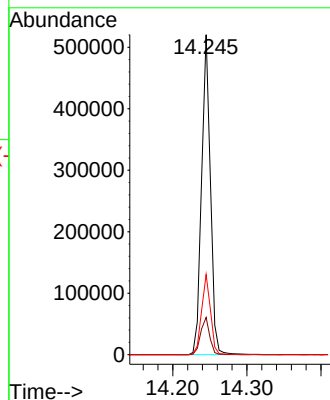
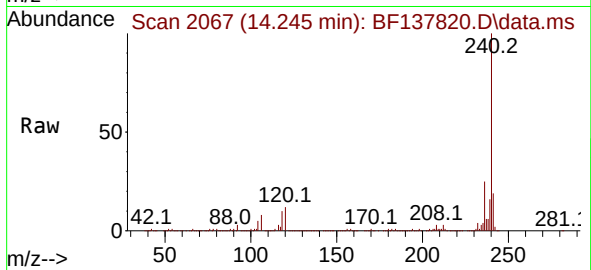
Tgt Ion:240 Resp: 429852

Ion Ratio Lower Upper

240 100

120 11.7 10.4 15.6

236 25.1 20.4 30.6



#79

Terphenyl-d14

Concen: 62.876 ng

RT: 13.186 min Scan# 1887

Delta R.T. -0.000 min

Lab File: BF137820.D

Acq: 02 May 2024 17:50

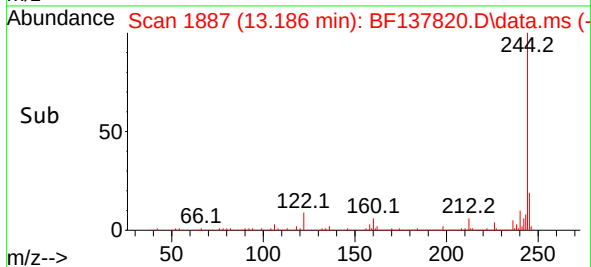
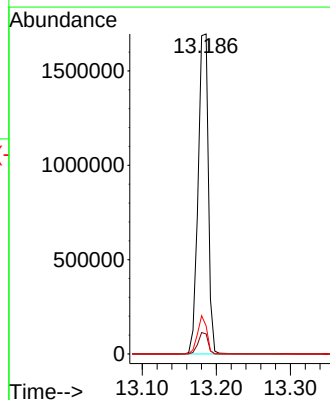
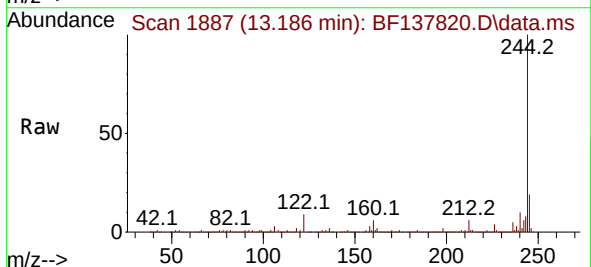
Tgt Ion:244 Resp: 1612754

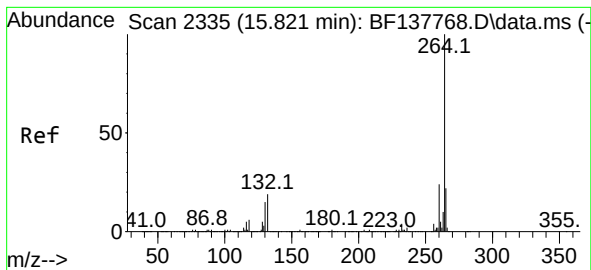
Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

122 8.8 9.4 14.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.815 min Scan# 21

Delta R.T. -0.006 min

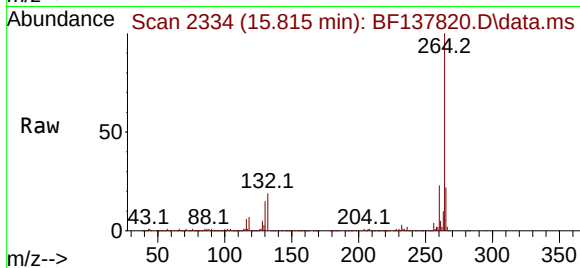
Lab File: BF137820.D

Acq: 02 May 2024 17:50

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 468501

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 22.2 17.4 26.0

