

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137213.D
 Acq On : 31 Jan 2024 16:32
 Operator : CG\JU
 Sample : P1296-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 01 01:19:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

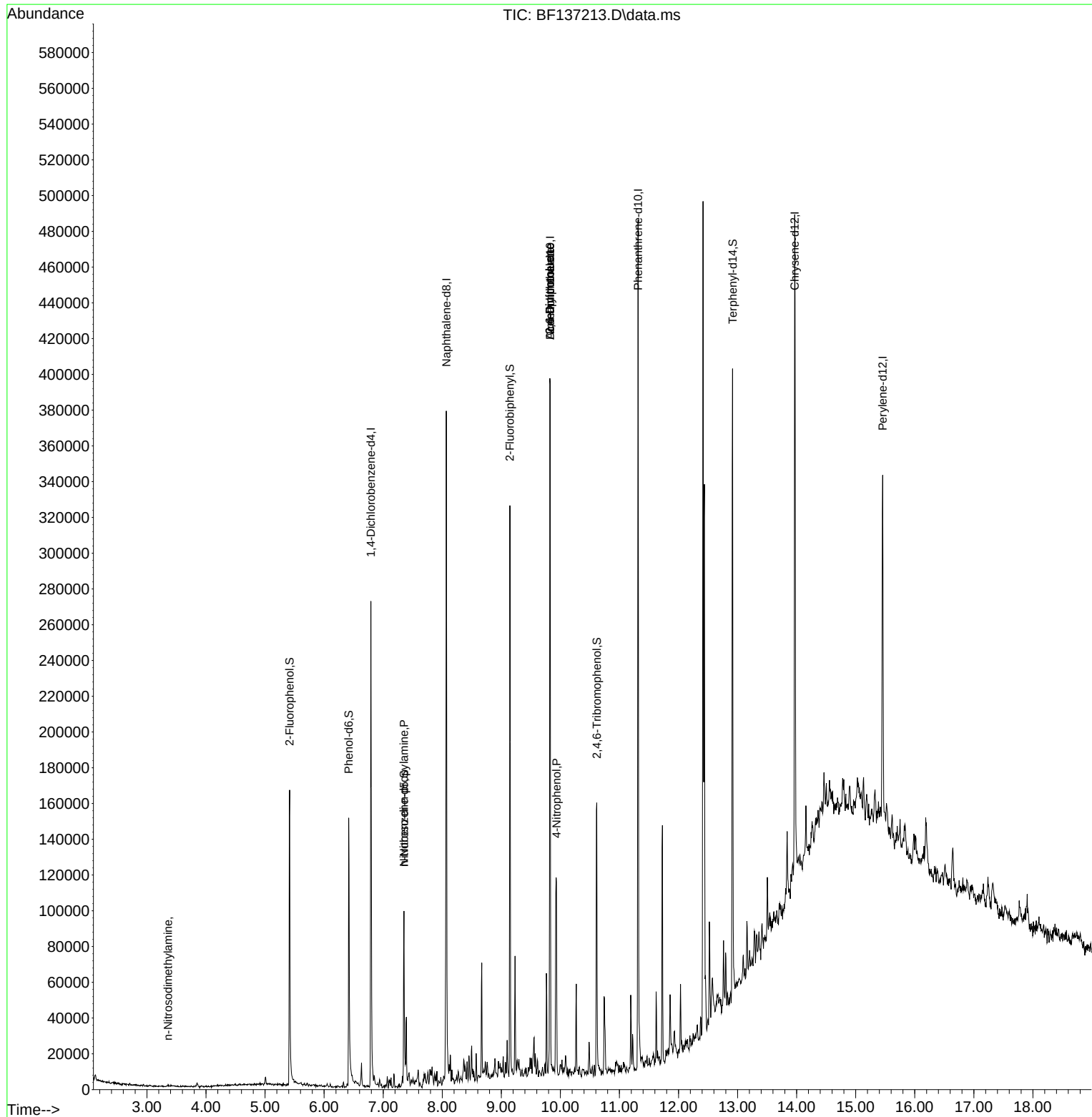
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	37620	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	144710	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	80666	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	167130	20.000	ng	0.00
76) Chrysene-d12	13.968	240	135041	20.000	ng	0.00
86) Perylene-d12	15.457	264	97507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	45085	19.775	ng	0.00
7) Phenol-d6	6.416	99	58787	18.068	ng	-0.01
23) Nitrobenzene-d5	7.351	82	35657	11.032	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	19217	21.094	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	85914	14.641	ng	0.00
79) Terphenyl-d14	12.915	244	129707	13.057	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.357	42	67	6.107	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	4801	2.152	ng	# 81
50) Dimethylphthalate	9.827	163	15803	2.900	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	10789	9.284	ng	# 18
56) 4-Nitrophenol	9.933	139	173	8.678	ng	# 1
57) 2,4-Dinitrotoluene	9.822	165	10789	7.155	ng	# 17

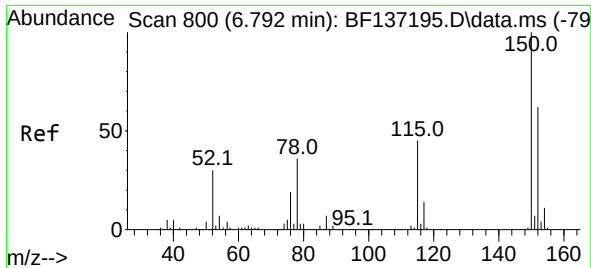
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137213.D
Acq On : 31 Jan 2024 16:32
Operator : CG\JU
Sample : P1296-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

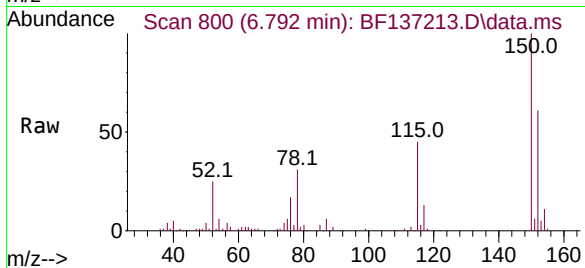
Quant Time: Feb 01 01:19:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration



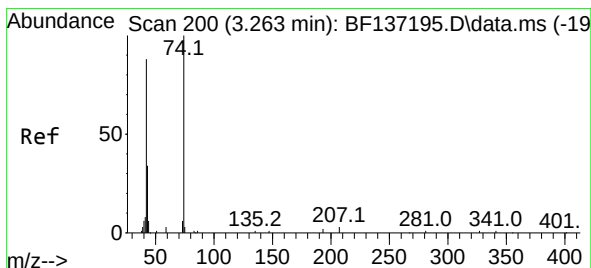
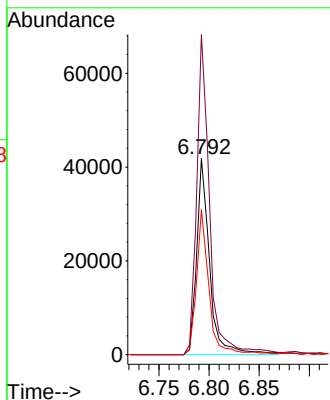
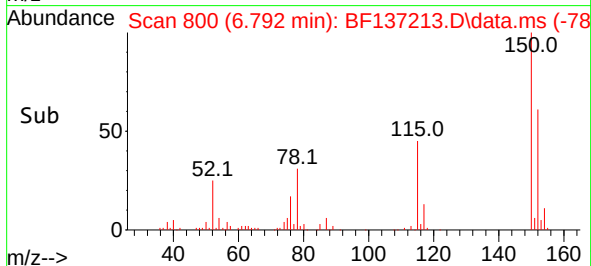


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137213.D
Acq: 31 Jan 2024 16:32

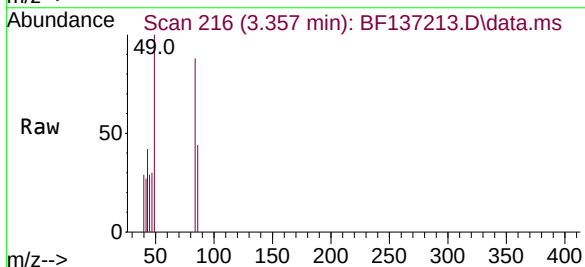
Instrument :
BNA_F
ClientSampleId :



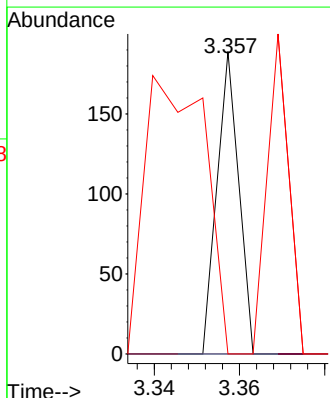
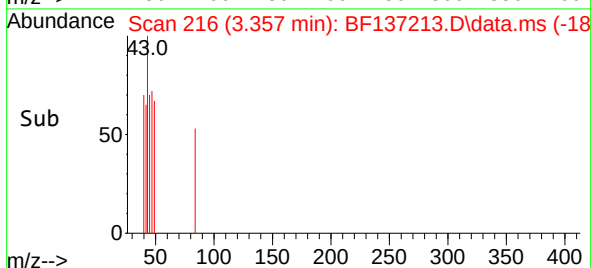
Tgt Ion:152 Resp: 37620
Ion Ratio Lower Upper
152 100
150 163.1 129.8 194.8
115 73.9 58.5 87.7

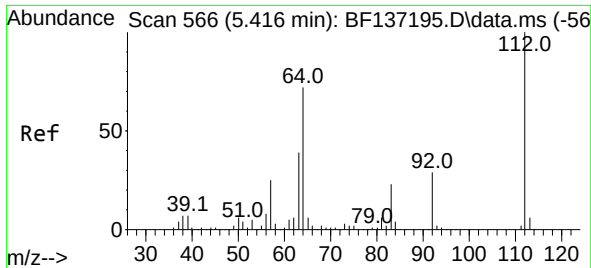


#4
n-Nitrosodimethylamine
Concen: 6.107 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.094 min
Lab File: BF137213.D
Acq: 31 Jan 2024 16:32



Tgt Ion: 42 Resp: 67
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 0.0 6.1 9.1#

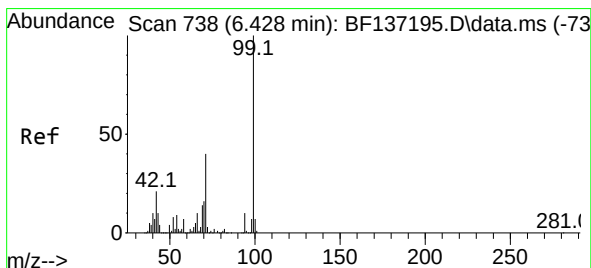
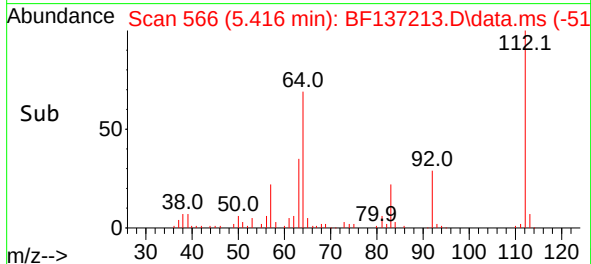
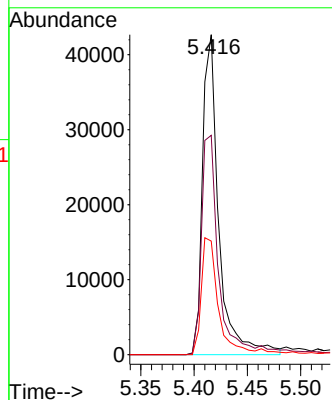
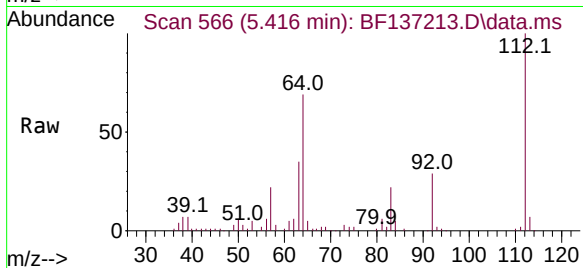




#5
2-Fluorophenol
Concen: 19.775 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF137213.D
Acq: 31 Jan 2024 16:32

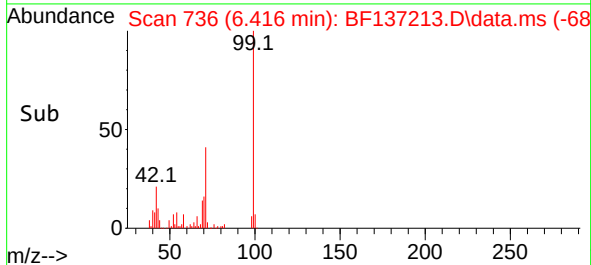
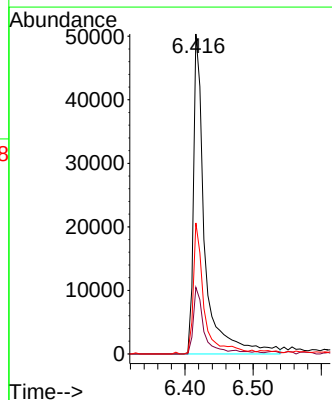
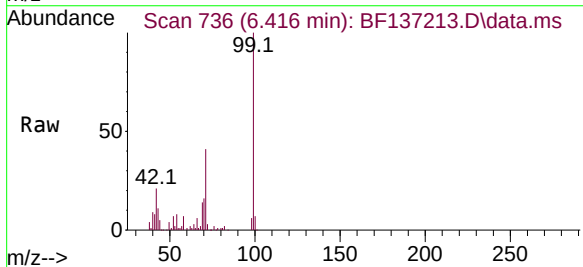
Instrument :
BNA_F
ClientSampleId :

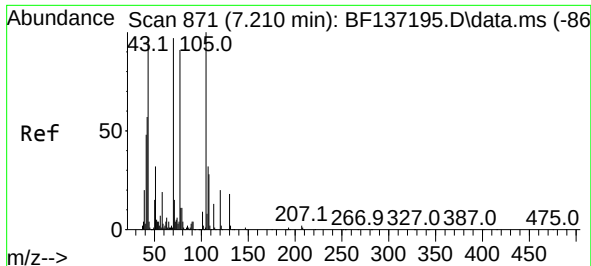
Tgt Ion:112 Resp: 45085
Ion Ratio Lower Upper
112 100
64 68.5 57.8 86.6
63 35.5 31.4 47.0



#7
Phenol-d6
Concen: 18.068 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF137213.D
Acq: 31 Jan 2024 16:32

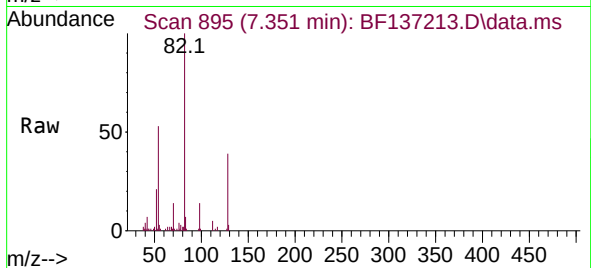
Tgt Ion: 99 Resp: 58787
Ion Ratio Lower Upper
99 100
42 20.8 16.4 24.6
71 40.9 32.4 48.6





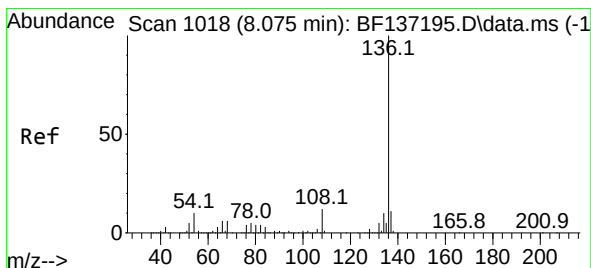
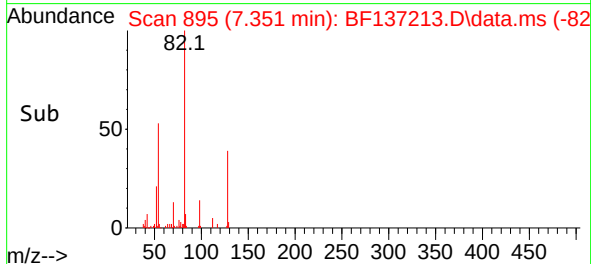
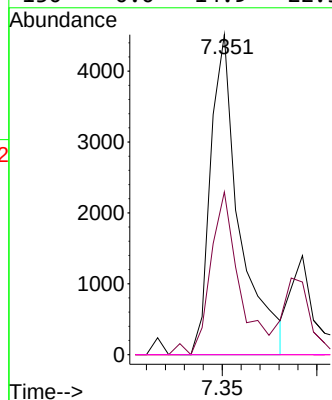
#19
n-Nitroso-di-n-propylamine
Concen: 2.152 ng
RT: 7.351 min Scan# 89
Delta R.T. 0.141 min
Lab File: BF137213.D
Acq: 31 Jan 2024 16:32

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 70 Resp: 4801

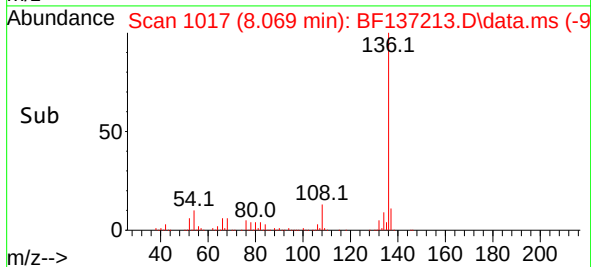
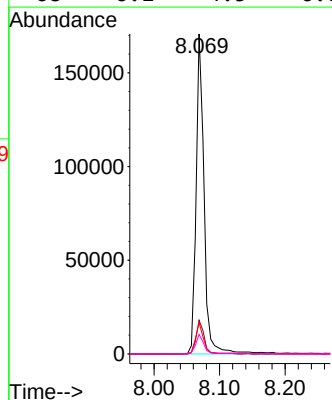
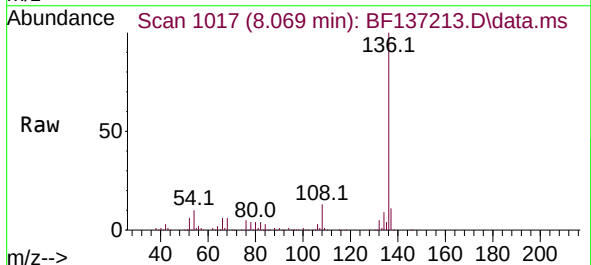
Ion	Ratio	Lower	Upper
70	100		
42	50.8	47.2	70.8
101	0.0	7.4	11.0#
130	0.0	14.9	22.3#

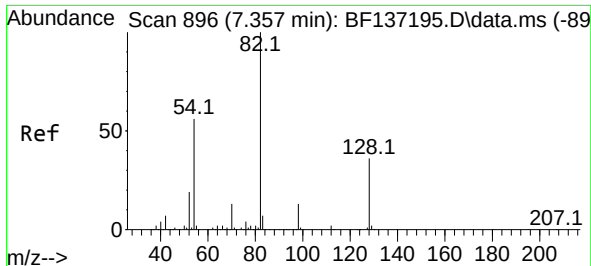


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137213.D
Acq: 31 Jan 2024 16:32

Tgt Ion: 136 Resp: 144710

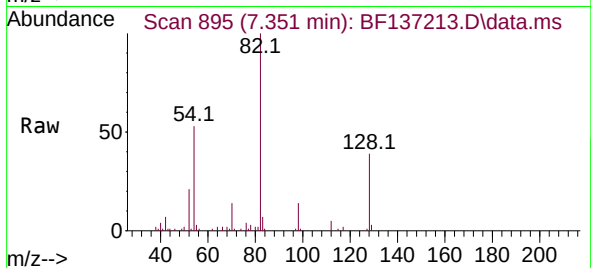
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.8	7.8	11.8
68	6.1	4.5	6.7



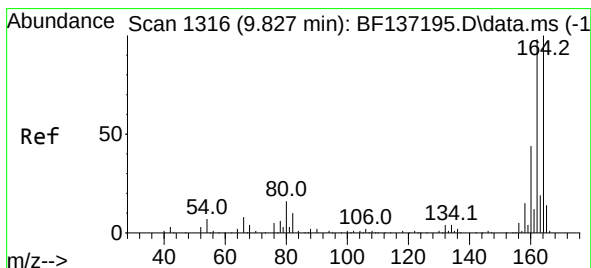
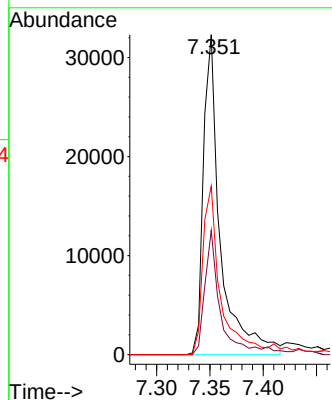
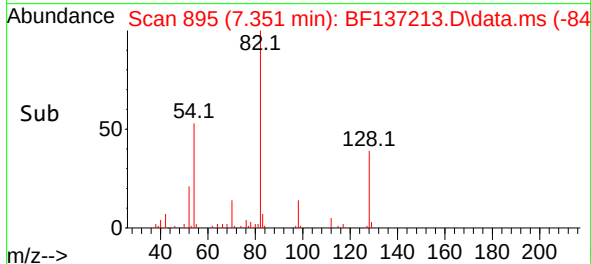


#23
Nitrobenzene-d5
Concen: 11.032 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF137213.D
Acq: 31 Jan 2024 16:32

Instrument :
BNA_F
ClientSampleId :

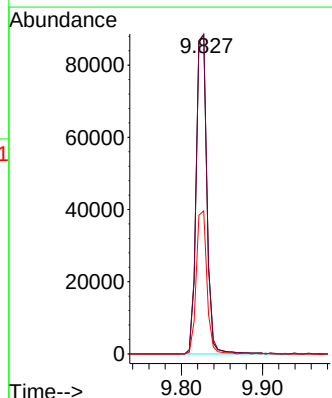
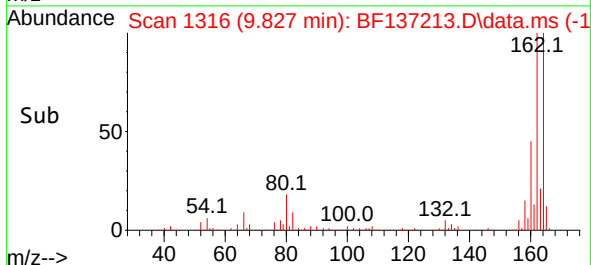
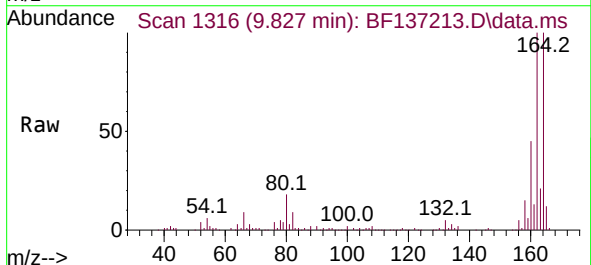


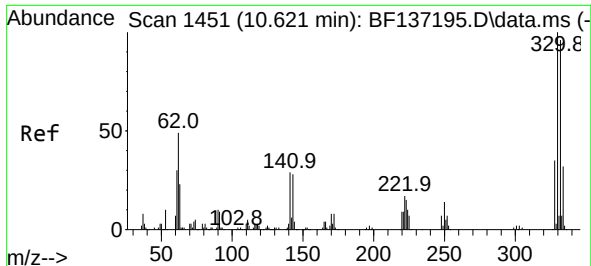
Tgt Ion: 82 Resp: 35657
Ion Ratio Lower Upper
82 100
128 38.8 29.1 43.7
54 52.7 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF137213.D
Acq: 31 Jan 2024 16:32

Tgt Ion: 164 Resp: 80666
Ion Ratio Lower Upper
164 100
162 100.4 78.3 117.5
160 44.9 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 21.094 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

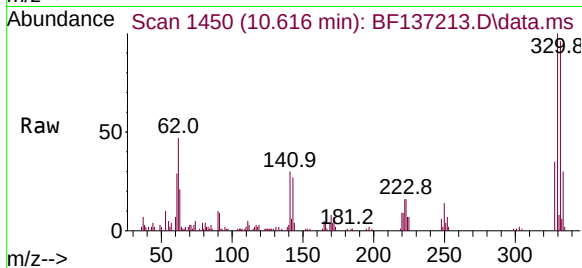
Lab File: BF137213.D

Acq: 31 Jan 2024 16:32

Instrument :

BNA_F

ClientSampleId :



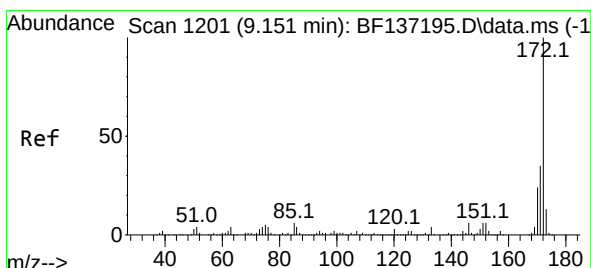
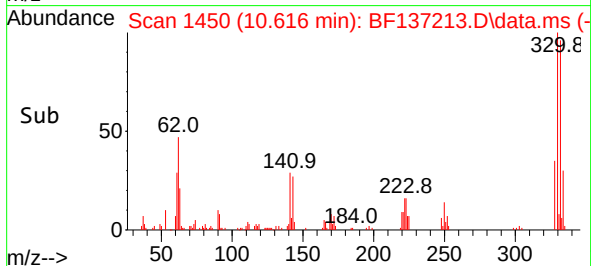
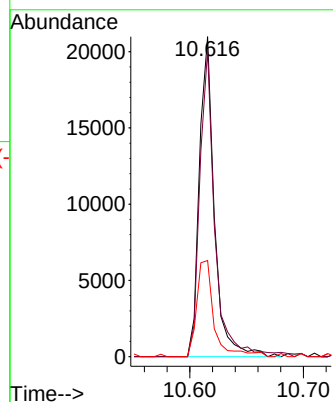
Tgt Ion:330 Resp: 19217

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 34.4 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 14.641 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137213.D

Acq: 31 Jan 2024 16:32

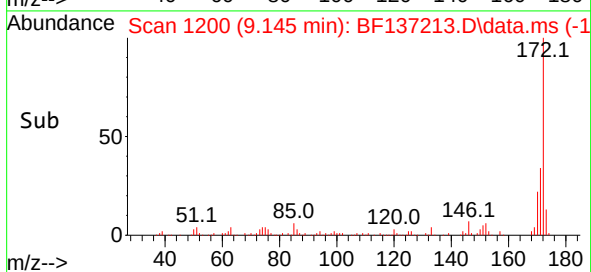
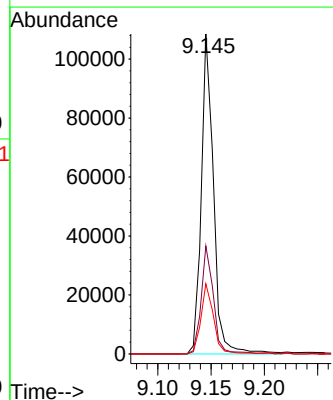
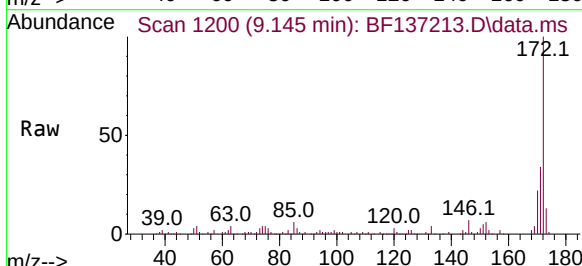
Tgt Ion:172 Resp: 85914

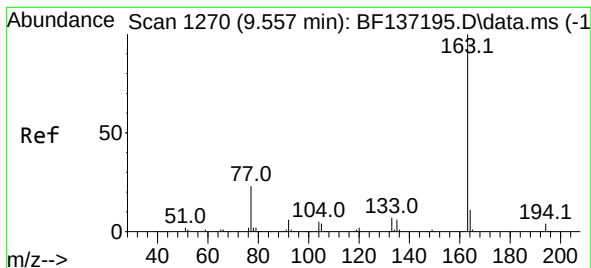
Ion Ratio Lower Upper

172 100

171 33.7 28.3 42.5

170 21.9 19.1 28.7





#50

Dimethylphthalate

Concen: 2.900 ng

RT: 9.827 min Scan# 1316

Delta R.T. 0.270 min

Lab File: BF137213.D

Acq: 31 Jan 2024 16:32

Instrument :

BNA_F

ClientSampleId :

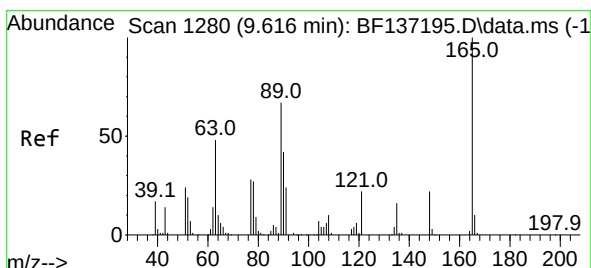
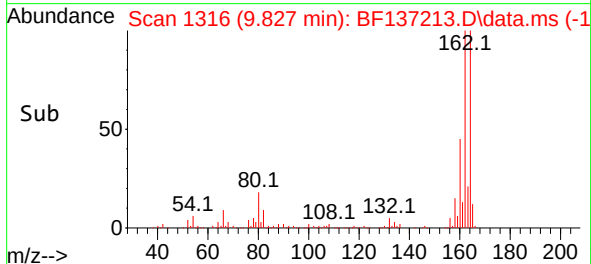
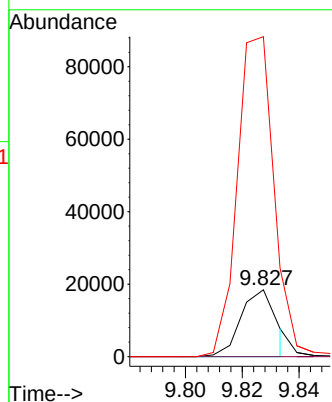
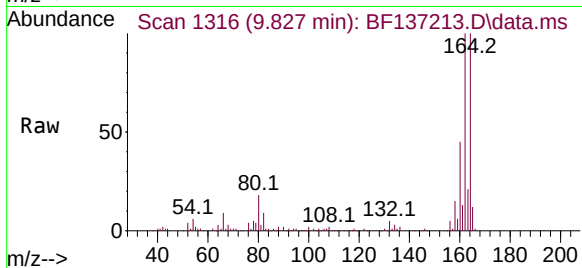
Tgt Ion:163 Resp: 15803

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 479.3 8.6 13.0#



#51

2,6-Dinitrotoluene

Concen: 9.284 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.206 min

Lab File: BF137213.D

Acq: 31 Jan 2024 16:32

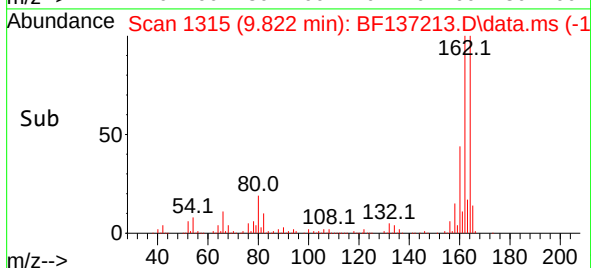
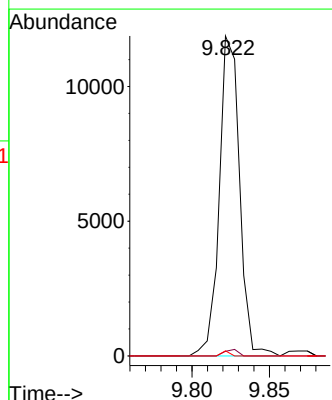
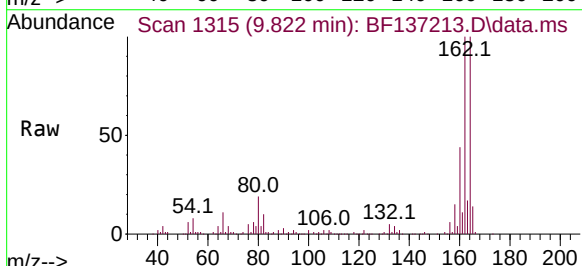
Tgt Ion:165 Resp: 10789

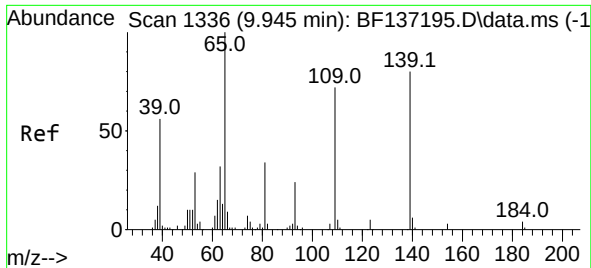
Ion Ratio Lower Upper

165 100

63 1.4 55.1 82.7#

89 1.6 53.5 80.3#

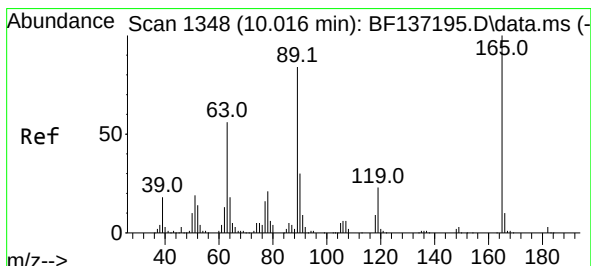
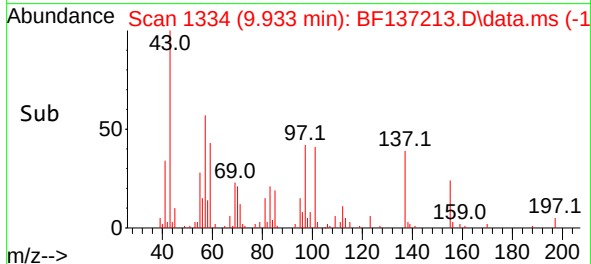
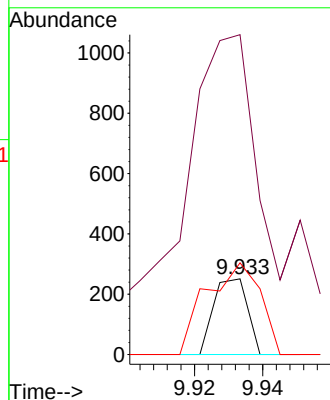
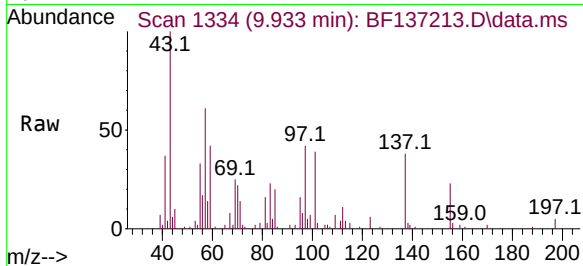




#56
4-Nitrophenol
Concen: 8.678 ng
RT: 9.933 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF137213.D
Acq: 31 Jan 2024 16:32

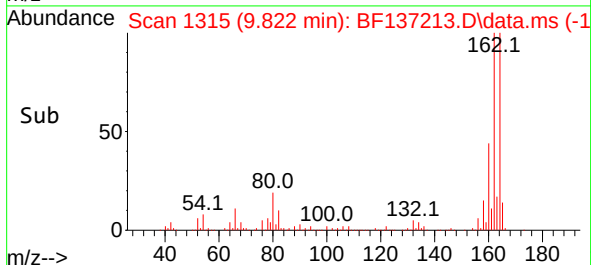
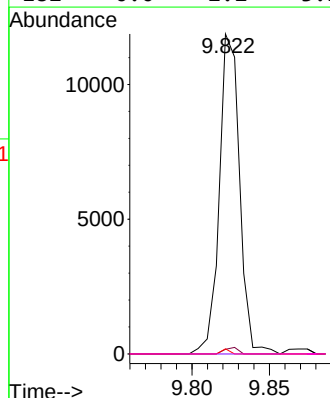
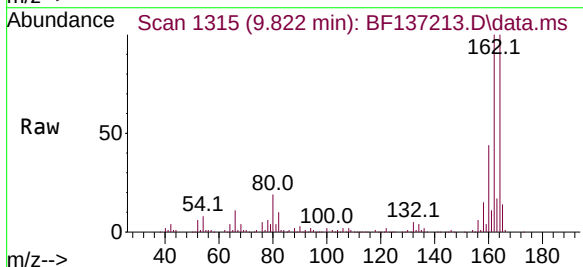
Instrument :
BNA_F
ClientSampleId :

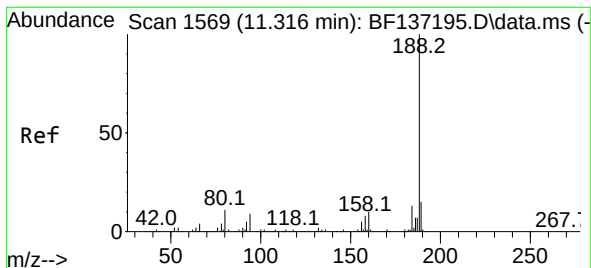
Tgt Ion:139 Resp: 173
Ion Ratio Lower Upper
139 100
109 422.7 70.4 110.4#
65 121.1 107.6 147.6



#57
2,4-Dinitrotoluene
Concen: 7.155 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137213.D
Acq: 31 Jan 2024 16:32

Tgt Ion:165 Resp: 10789
Ion Ratio Lower Upper
165 100
63 1.4 46.1 69.1#
89 1.6 67.5 101.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137213.D

Acq: 31 Jan 2024 16:32

Instrument :

BNA_F

ClientSampleId :

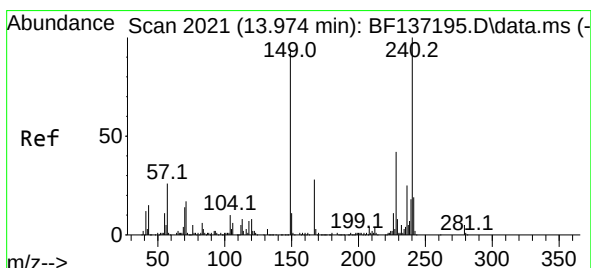
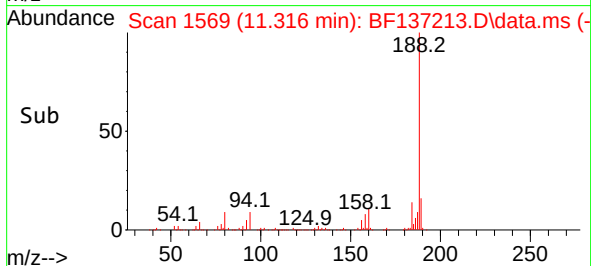
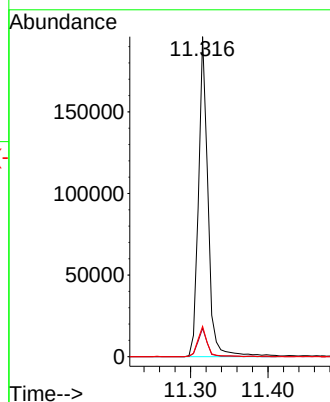
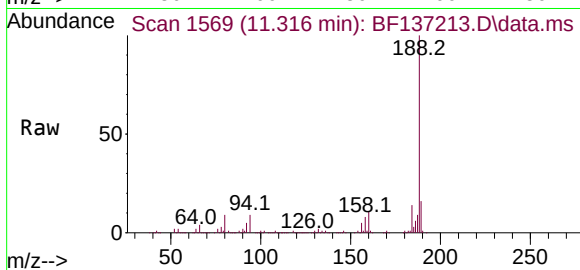
Tgt Ion:188 Resp: 167130

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

80 9.5 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF137213.D

Acq: 31 Jan 2024 16:32

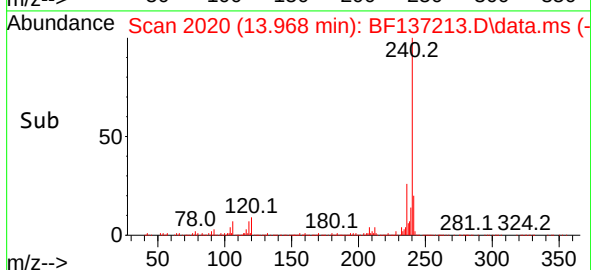
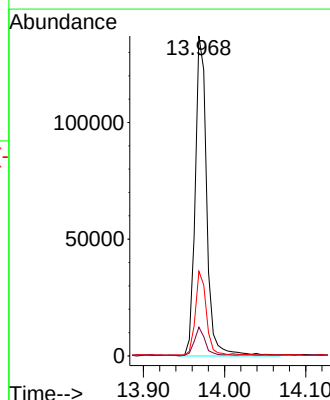
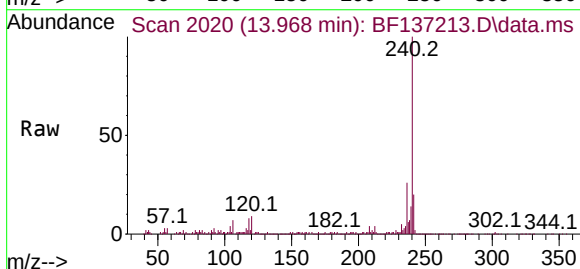
Tgt Ion:240 Resp: 135041

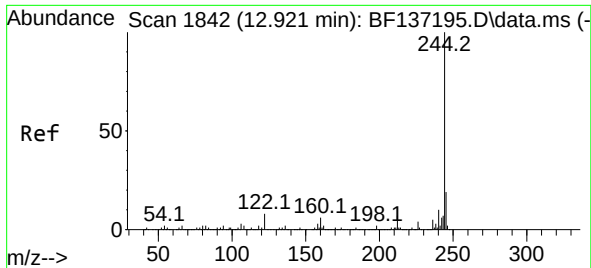
Ion Ratio Lower Upper

240 100

120 9.0 6.3 9.5

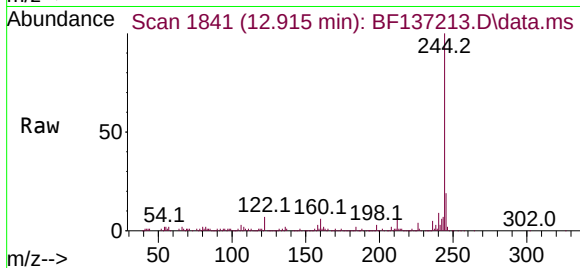
236 26.4 20.3 30.5



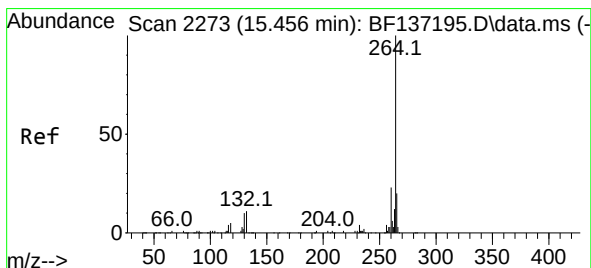
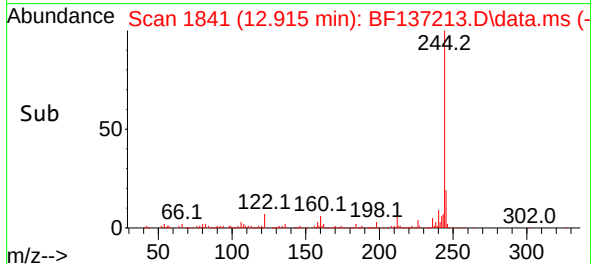
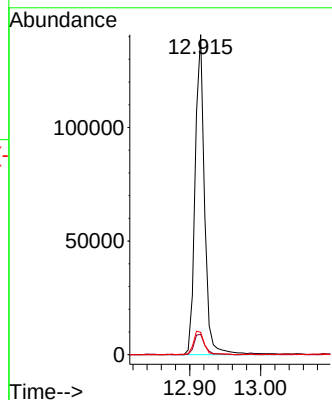


#79
 Terphenyl-d14
 Concen: 13.057 ng
 RT: 12.915 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF137213.D
 Acq: 31 Jan 2024 16:32

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 129707
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.5 8.3
 122 7.0 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: BF137213.D
 Acq: 31 Jan 2024 16:32

Tgt Ion:264 Resp: 97507
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.2 27.4
 265 20.9 16.2 24.2

