

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137229.D
 Acq On : 01 Feb 2024 13:47
 Operator : CG\JU
 Sample : PB158728BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158728BL

Quant Time: Feb 01 14:09:48 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)

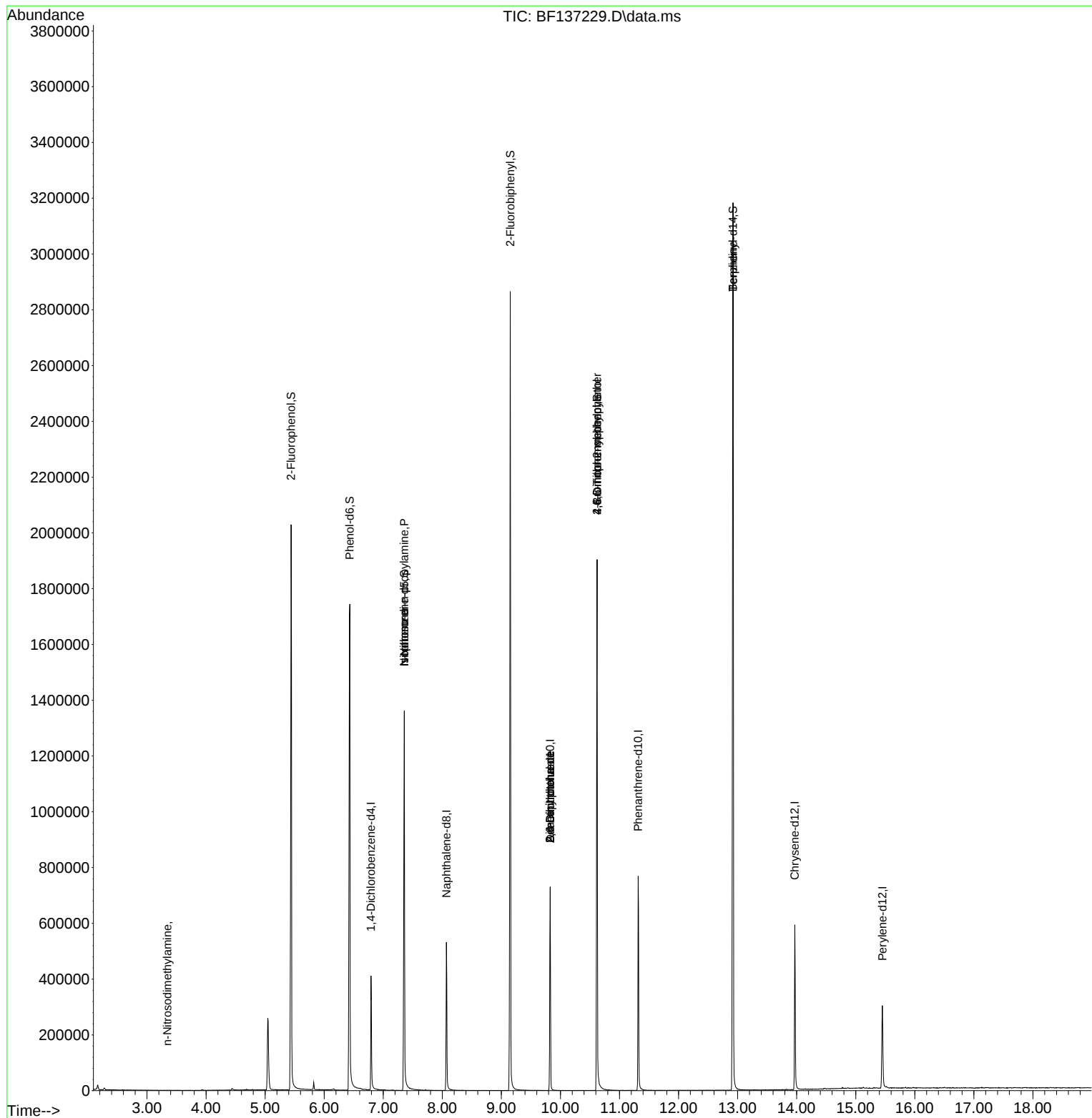
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	61696	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	238616	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	145703	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	304694	20.000	ng	0.00
76) Chrysene-d12	13.968	240	211979	20.000	ng	0.00
86) Perylene-d12	15.451	264	163580	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	571193	152.768	ng	0.02
7) Phenol-d6	6.434	99	728557	136.539	ng	0.00
23) Nitrobenzene-d5	7.357	82	494467	92.777	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	236307	143.608	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	927631	87.520	ng	0.00
79) Terphenyl-d14	12.921	244	1242438	79.679	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.346	42	68	6.089	ng	# 1
19) n-Nitroso-di-n-propyla...	7.357	70	67957	18.575	ng	# 76
25) Isophorone	7.357	82	494463	50.263	ng	# 67
50) Dimethylphthalate	9.828	163	27906	2.835	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	18616	8.869	ng	# 18
57) 2,4-Dinitrotoluene	9.828	165	18616	6.835	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.622	198	471	5.713	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	16044	4.789	ng	# 1
77) Benzidine	12.921	184	15938	4.199	ng	# 93

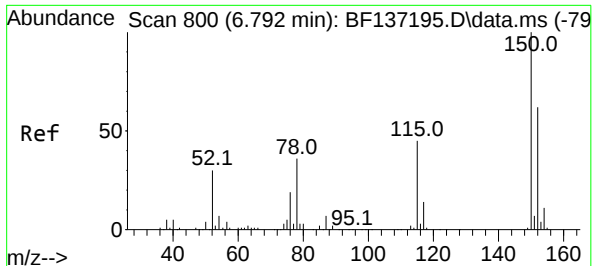
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
Data File : BF137229.D
Acq On : 01 Feb 2024 13:47
Operator : CG\JU
Sample : PB158728BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB158728BL

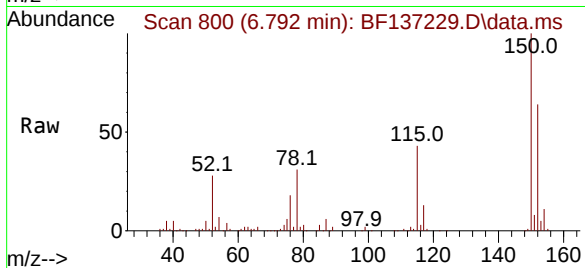
Quant Time: Feb 01 14:09:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration



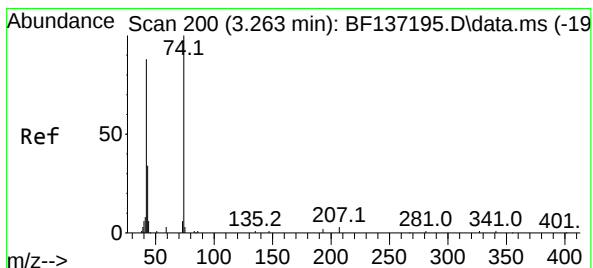
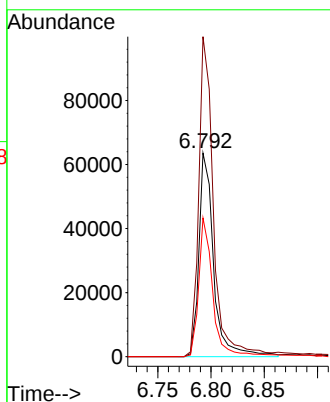
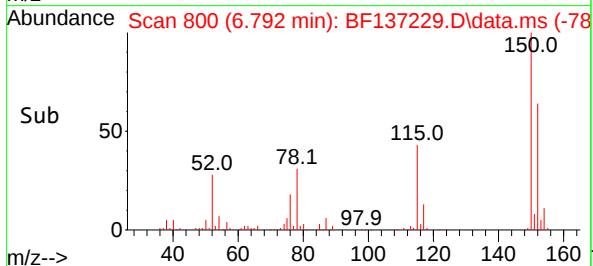


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

Instrument :
BNA_F
ClientSampleId :
PB158728BL

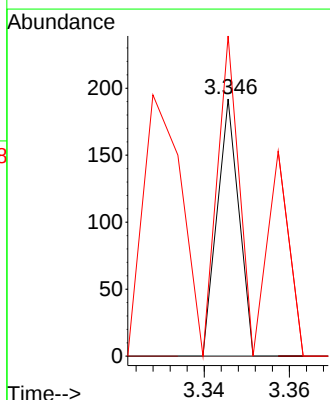
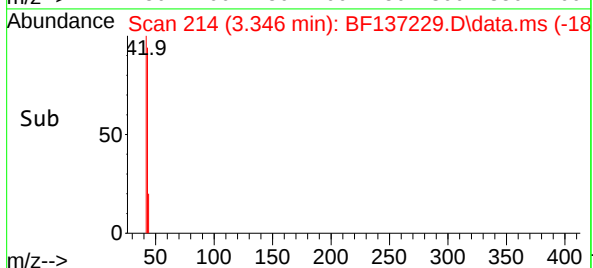
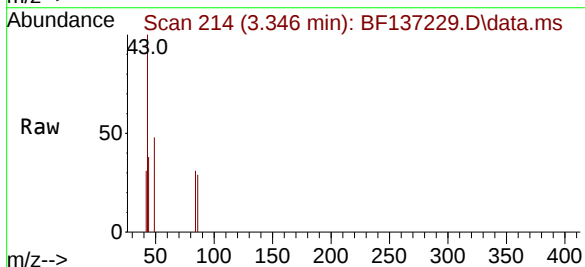


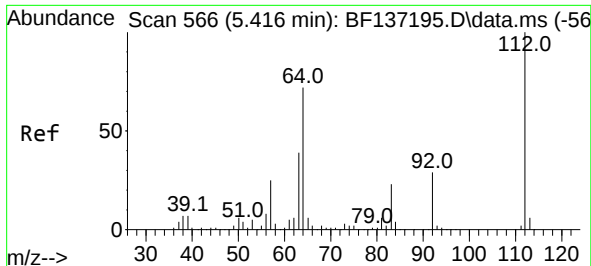
Tgt Ion:152 Resp: 61696
Ion Ratio Lower Upper
152 100
150 157.2 129.8 194.8
115 68.1 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.089 ng
RT: 3.346 min Scan# 214
Delta R.T. 0.083 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

Tgt Ion: 42 Resp: 68
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 124.5 6.1 9.1#

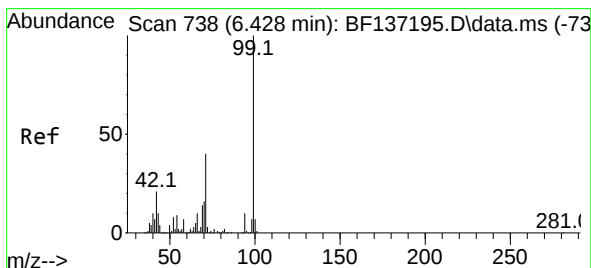
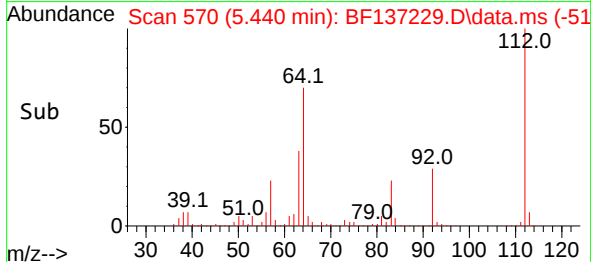
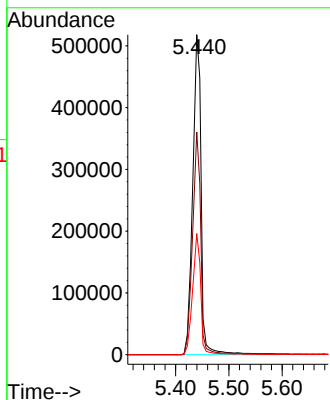
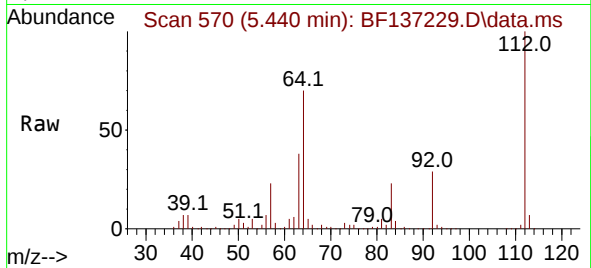




#5
2-Fluorophenol
Concen: 152.768 ng
RT: 5.440 min Scan# 511
Delta R.T. 0.024 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

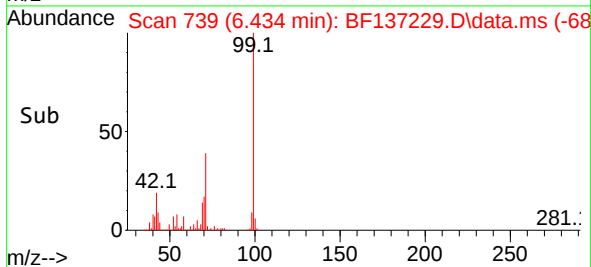
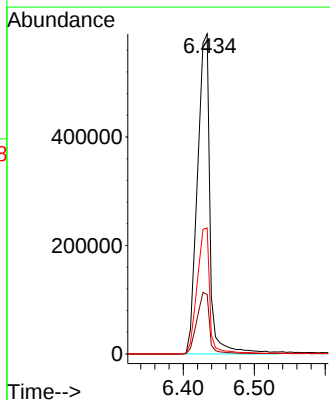
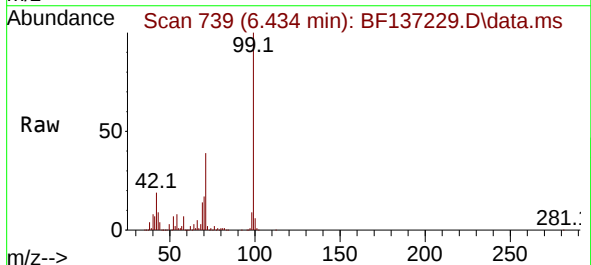
Instrument :
BNA_F
ClientSampleId :
PB158728BL

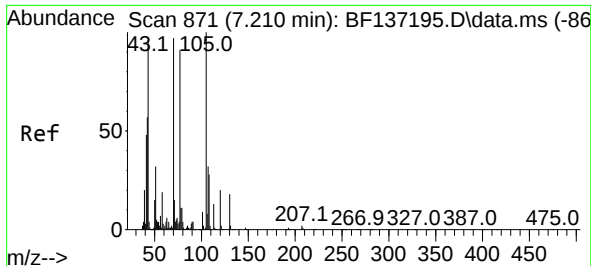
Tgt Ion:112 Resp: 571193
Ion Ratio Lower Upper
112 100
64 69.6 57.8 86.6
63 37.8 31.4 47.0



#7
Phenol-d6
Concen: 136.539 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

Tgt Ion: 99 Resp: 728557
Ion Ratio Lower Upper
99 100
42 18.6 16.4 24.6
71 39.4 32.4 48.6

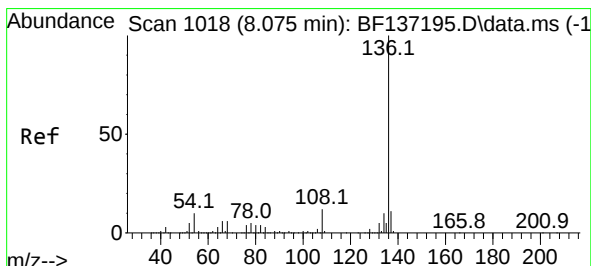
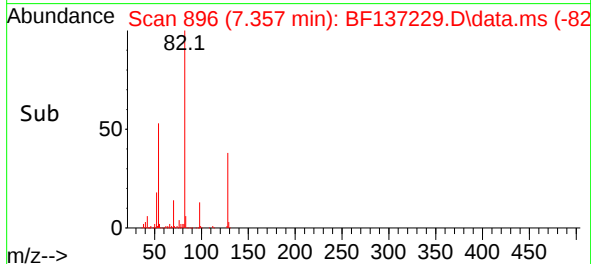
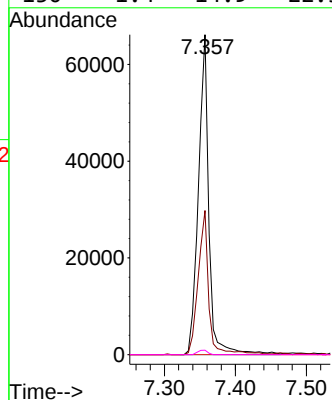
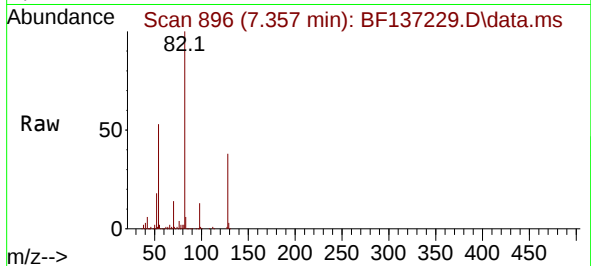




#19
n-Nitroso-di-n-propylamine
Concen: 18.575 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

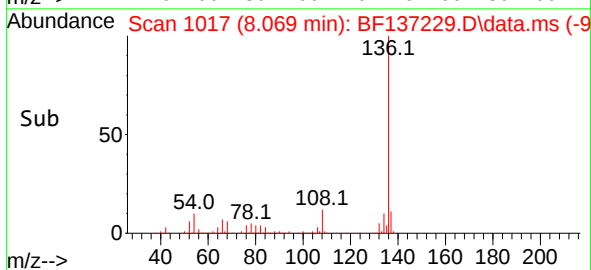
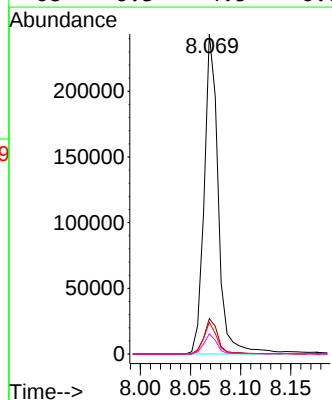
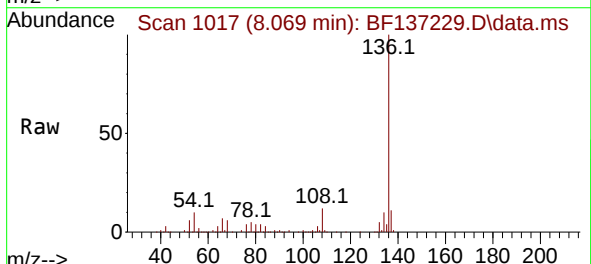
Instrument :
BNA_F
ClientSampleId :
PB158728BL

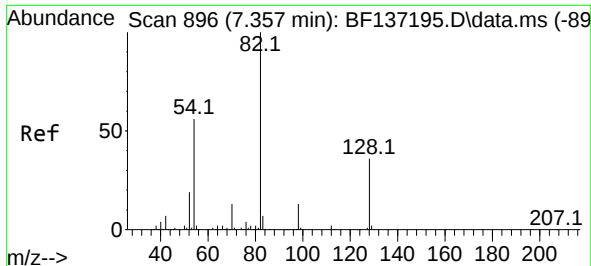
Tgt Ion:	70	Resp:	67957
Ion	Ratio	Lower	Upper
70	100		
42	45.1	47.2	70.8#
101	0.0	7.4	11.0#
130	1.4	14.9	22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

Tgt Ion:	136	Resp:	238616
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.9	7.8	11.8
68	6.3	4.5	6.7





#23

Nitrobenzene-d5

Concen: 92.777 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF137229.D

Acq: 01 Feb 2024 13:47

Instrument :

BNA_F

ClientSampleId :

PB158728BL

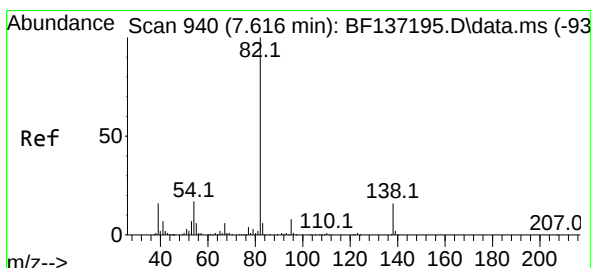
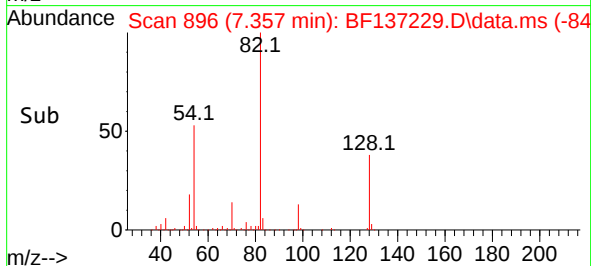
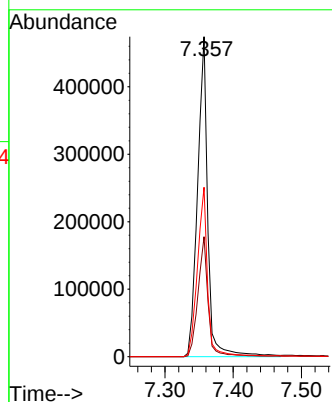
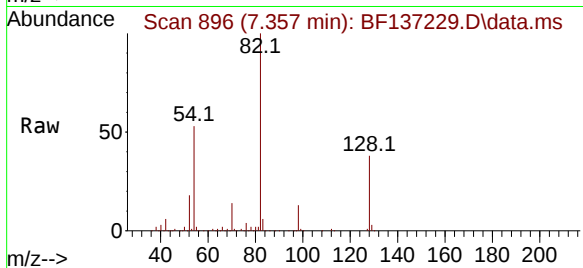
Tgt Ion: 82 Resp: 494467

Ion Ratio Lower Upper

82 100

128 37.5 29.1 43.7

54 53.0 45.0 67.6



#25

Isophorone

Concen: 50.263 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.259 min

Lab File: BF137229.D

Acq: 01 Feb 2024 13:47

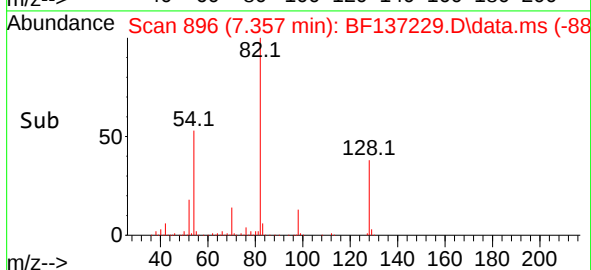
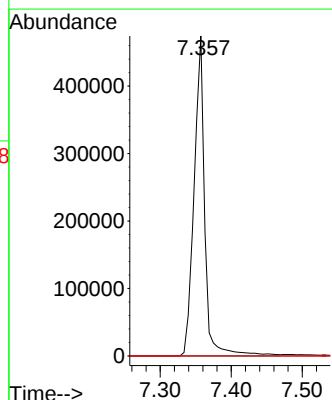
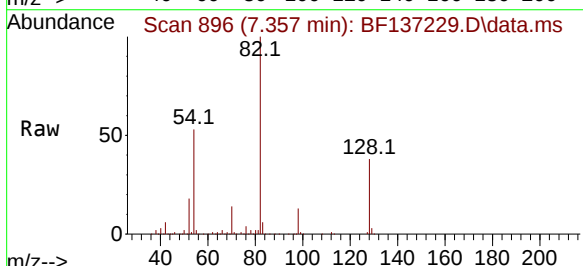
Tgt Ion: 82 Resp: 494463

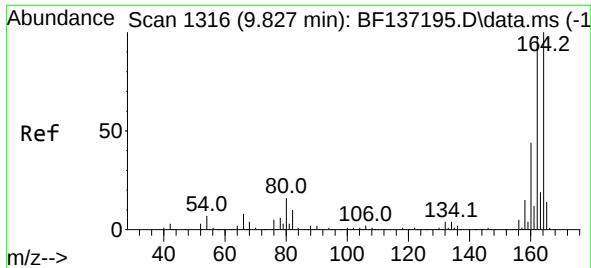
Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 12.7 19.1#

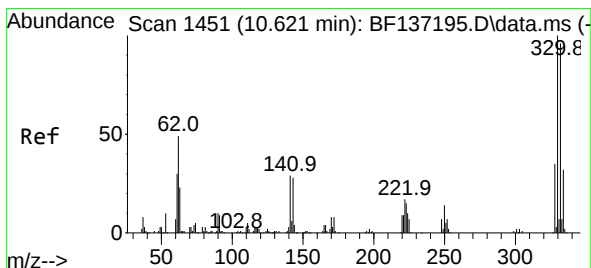
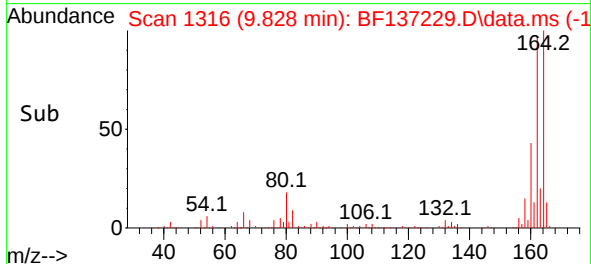
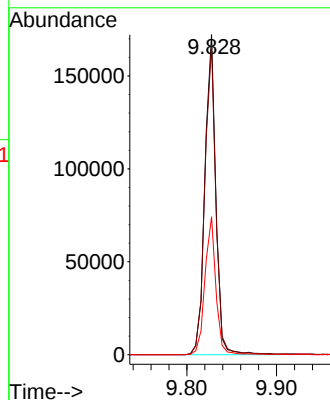
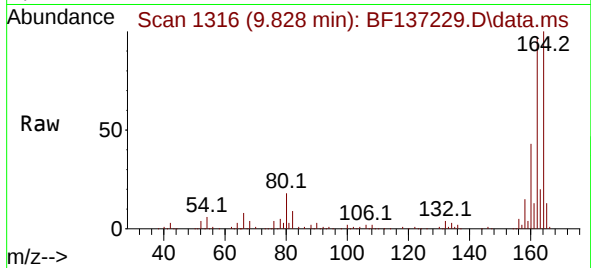




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.001 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

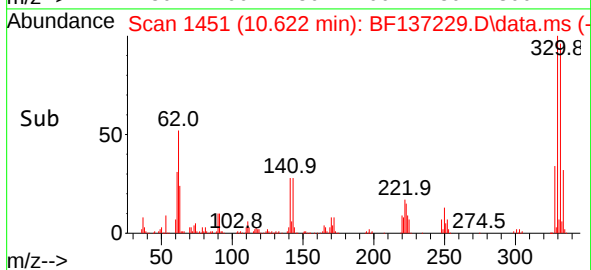
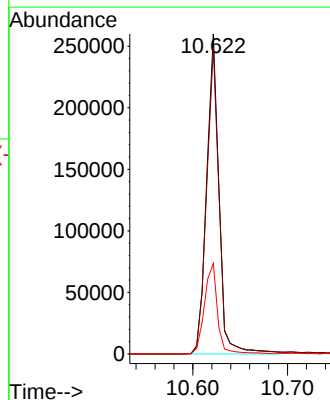
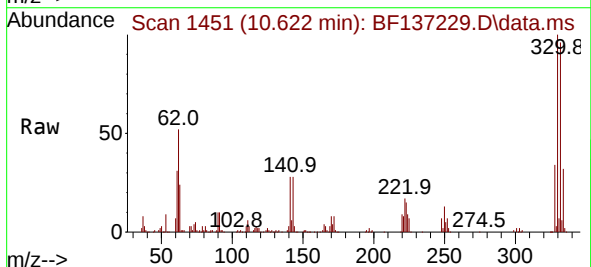
Instrument :
BNA_F
ClientSampleId :
PB158728BL

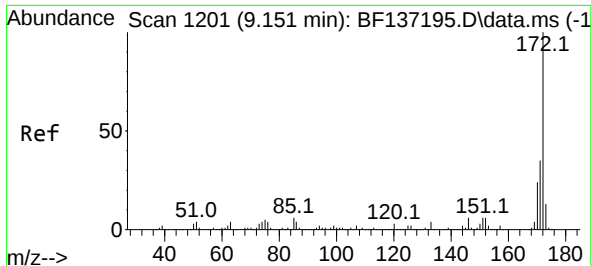
Tgt Ion:164 Resp: 145703
Ion Ratio Lower Upper
164 100
162 96.6 78.3 117.5
160 43.1 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 143.608 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

Tgt Ion:330 Resp: 236307
Ion Ratio Lower Upper
330 100
332 98.2 77.3 115.9
141 29.9 25.2 37.8

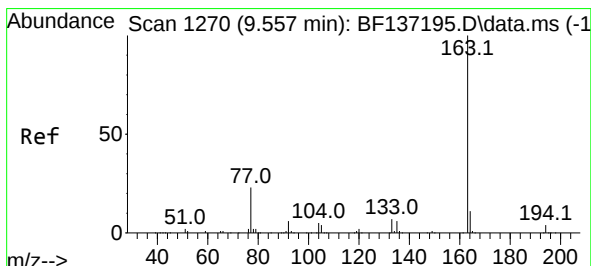
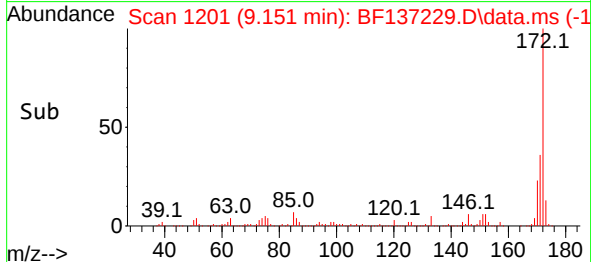
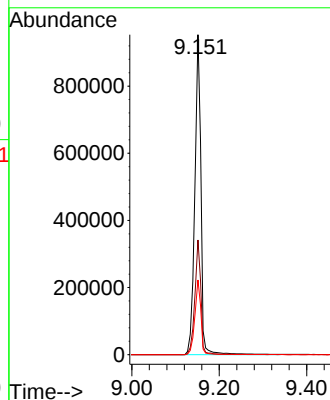
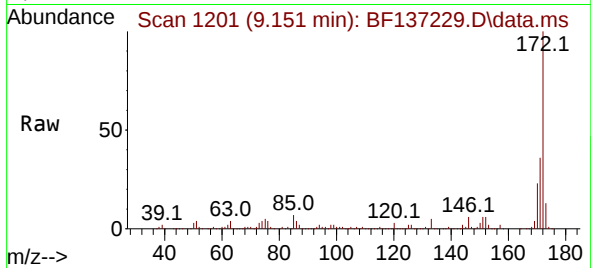




#45
2-Fluorobiphenyl
Concen: 87.520 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

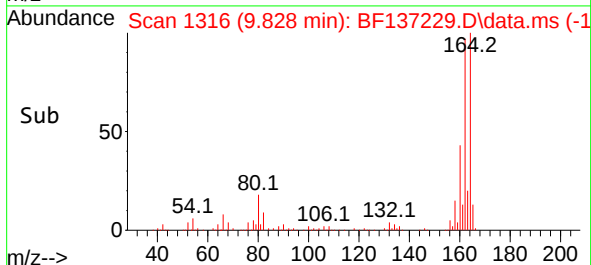
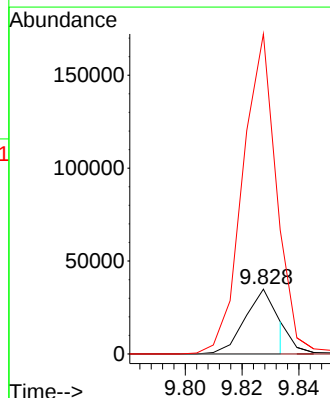
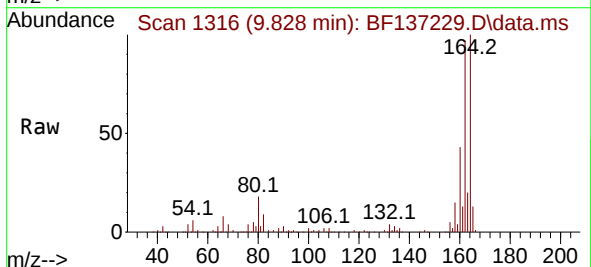
Instrument :
BNA_F
ClientSampleId :
PB158728BL

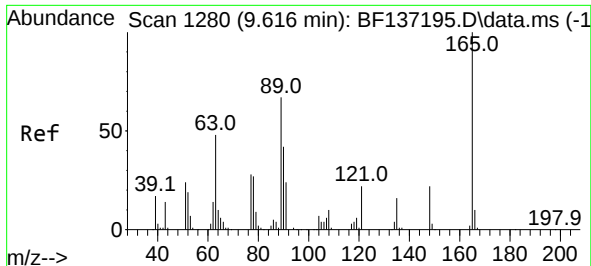
Tgt Ion:172 Resp: 927631
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.4 19.1 28.7



#50
Dimethylphthalate
Concen: 2.835 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.271 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

Tgt Ion:163 Resp: 27906
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 493.3 8.6 13.0#





#51

2,6-Dinitrotoluene

Concen: 8.869 ng

RT: 9.828 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF137229.D

Acq: 01 Feb 2024 13:47

Instrument :

BNA_F

ClientSampleId :

PB158728BL

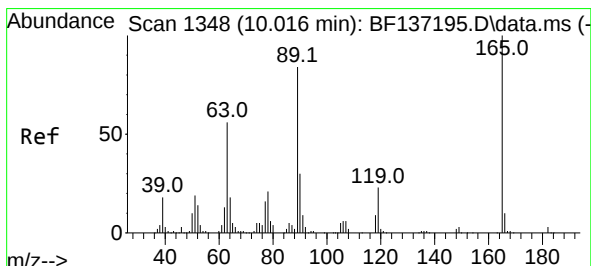
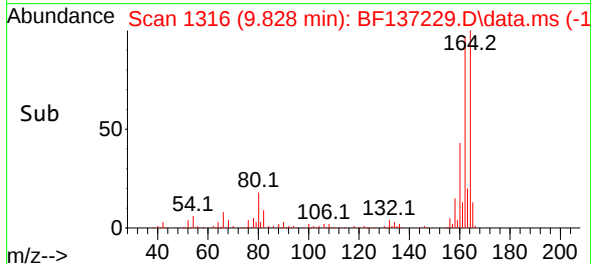
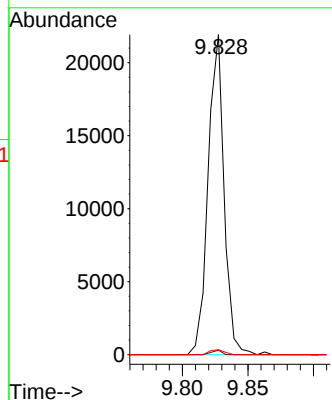
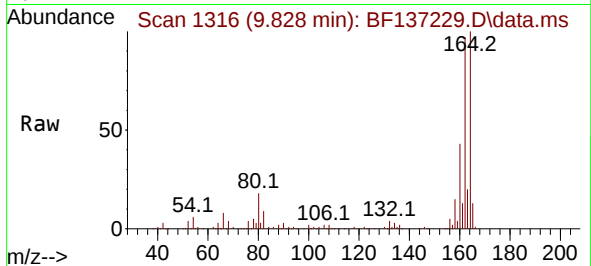
Tgt Ion:165 Resp: 18616

Ion Ratio Lower Upper

165 100

63 1.4 55.1 82.7#

89 1.5 53.5 80.3#



#57

2,4-Dinitrotoluene

Concen: 6.835 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.188 min

Lab File: BF137229.D

Acq: 01 Feb 2024 13:47

Tgt Ion:165 Resp: 18616

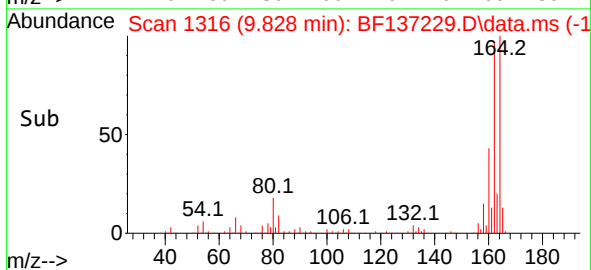
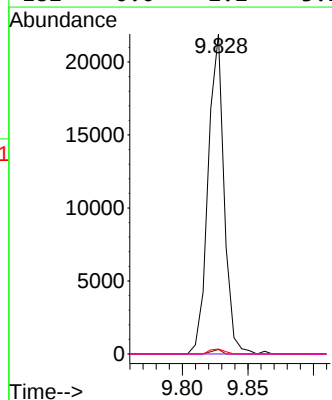
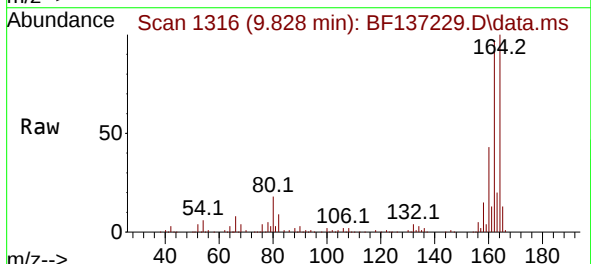
Ion Ratio Lower Upper

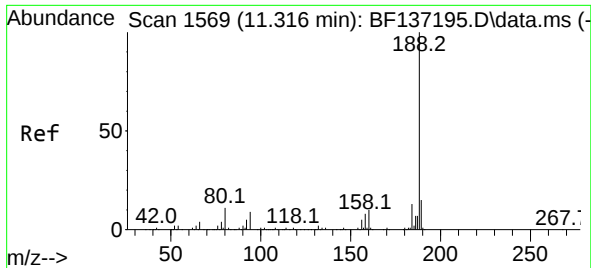
165 100

63 1.4 46.1 69.1#

89 1.5 67.5 101.3#

182 0.0 2.2 3.2#

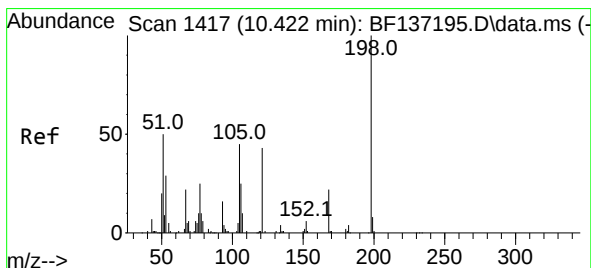
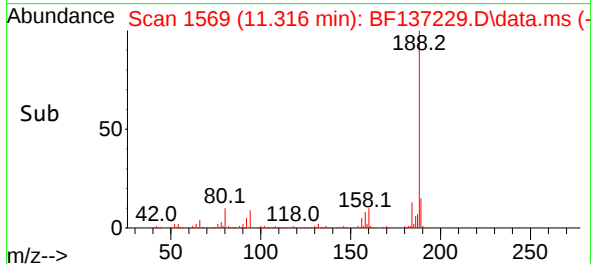
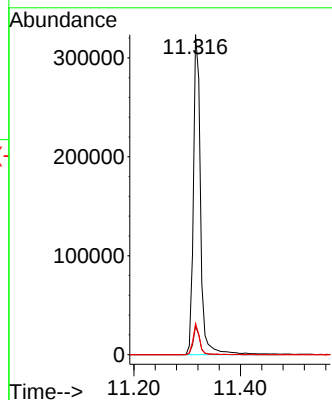
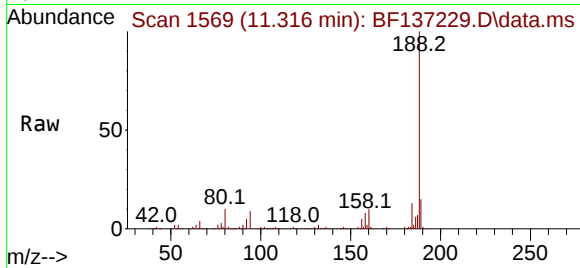




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

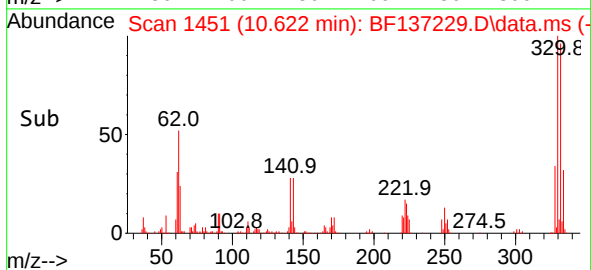
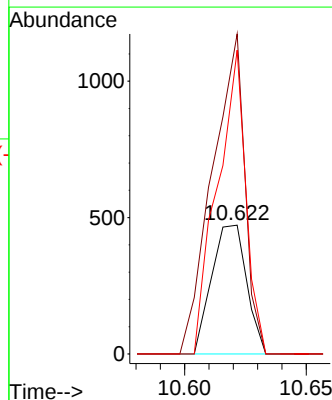
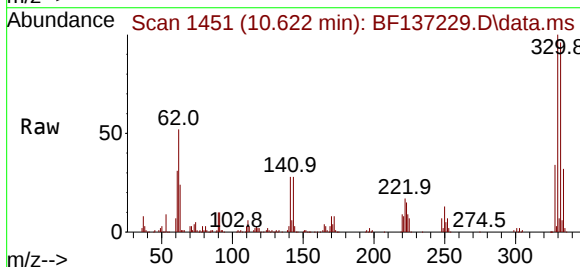
Instrument :
BNA_F
ClientSampleId :
PB158728BL

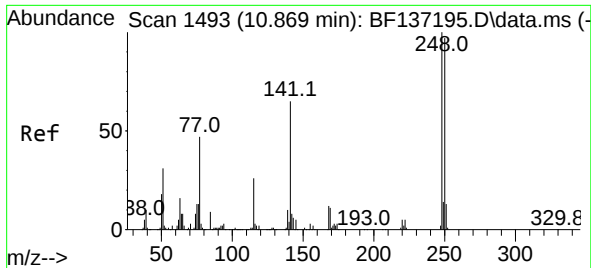
Tgt Ion:188 Resp: 304694
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.8 8.8 13.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.713 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.200 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

Tgt Ion:198 Resp: 471
Ion Ratio Lower Upper
198 100
51 248.5 40.9 80.9#
105 236.0 26.5 66.5#

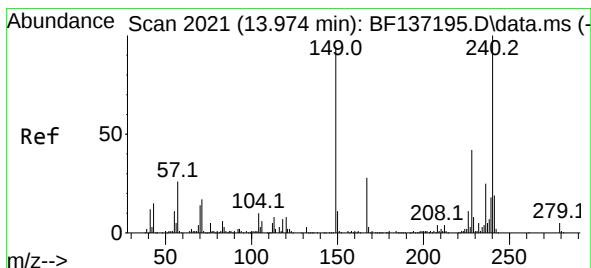
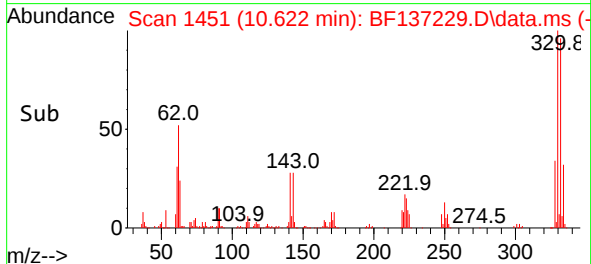
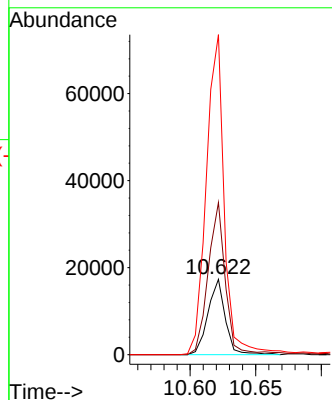
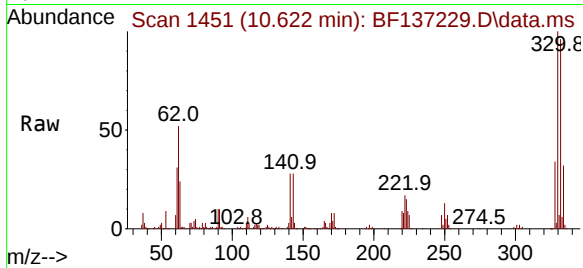




#67
4-Bromophenyl-phenylether
Concen: 4.789 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

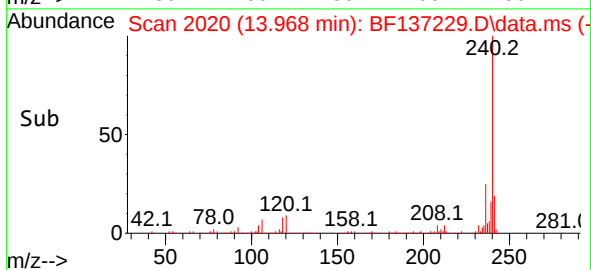
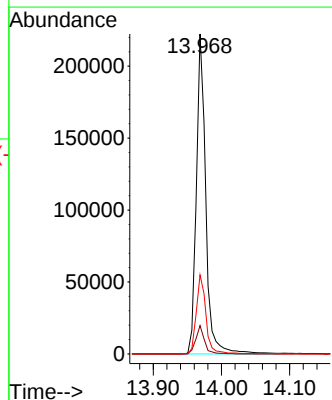
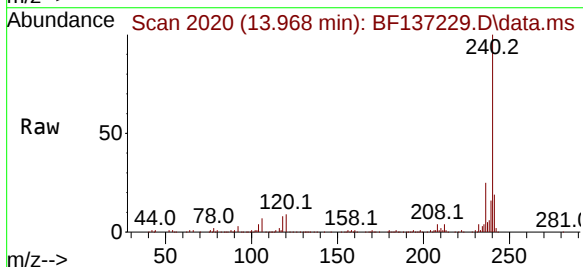
Instrument :
BNA_F
ClientSampleId :
PB158728BL

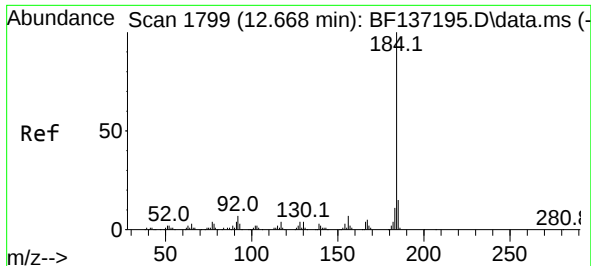
Tgt Ion:248 Resp: 16044
Ion Ratio Lower Upper
248 100
250 201.8 77.7 116.5#
141 424.4 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

Tgt Ion:240 Resp: 211979
Ion Ratio Lower Upper
240 100
120 8.9 6.3 9.5
236 24.7 20.3 30.5

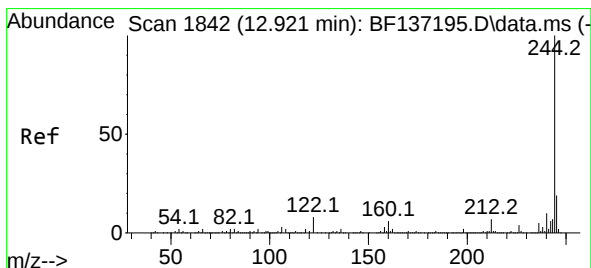
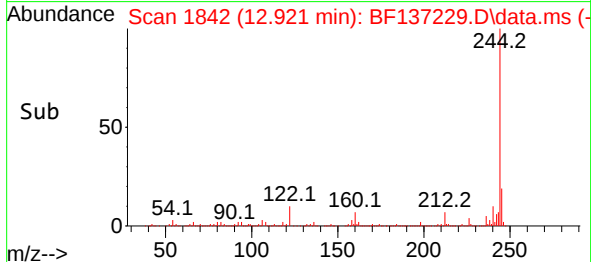
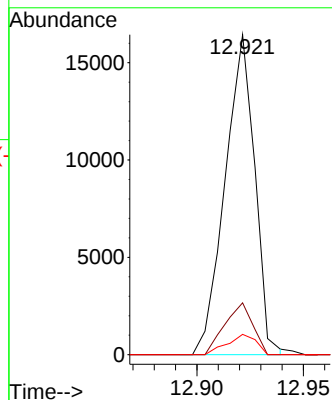
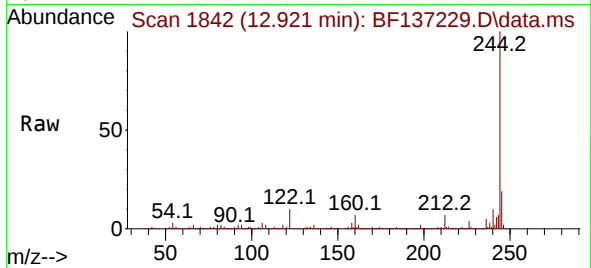




#77
Benzidine
Concen: 4.199 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.253 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

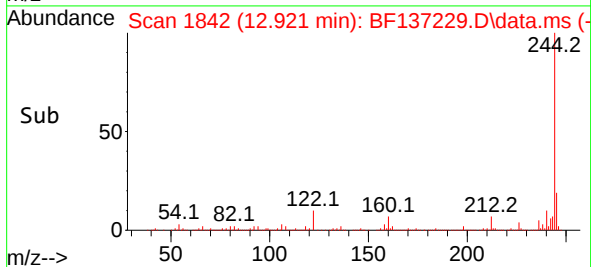
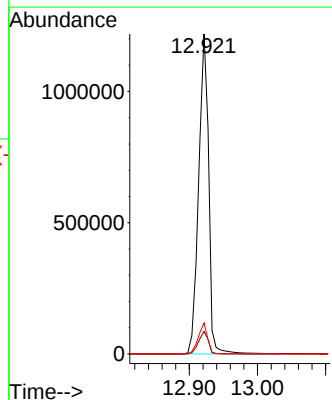
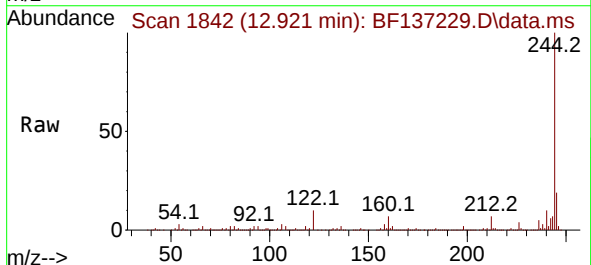
Instrument :
BNA_F
ClientSampleId :
PB158728BL

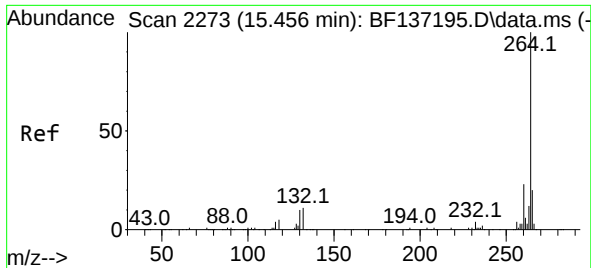
Tgt Ion:184 Resp: 15938
Ion Ratio Lower Upper
184 100
185 16.2 11.9 17.9
183 6.4 8.8 13.2#



#79
Terphenyl-d14
Concen: 79.679 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

Tgt Ion:244 Resp: 1242438
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 9.7 6.2 9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

Instrument :
BNA_F
ClientSampleId :
PB158728BL

Tgt Ion:264 Resp: 163580
Ion Ratio Lower Upper
264 100
260 23.3 18.2 27.4
265 21.8 16.2 24.2

