

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132268.D
 Acq On : 01 Feb 2023 19:31
 Operator : CG\JU
 Sample : 01333-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-11

Quant Time: Feb 02 00:56:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

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

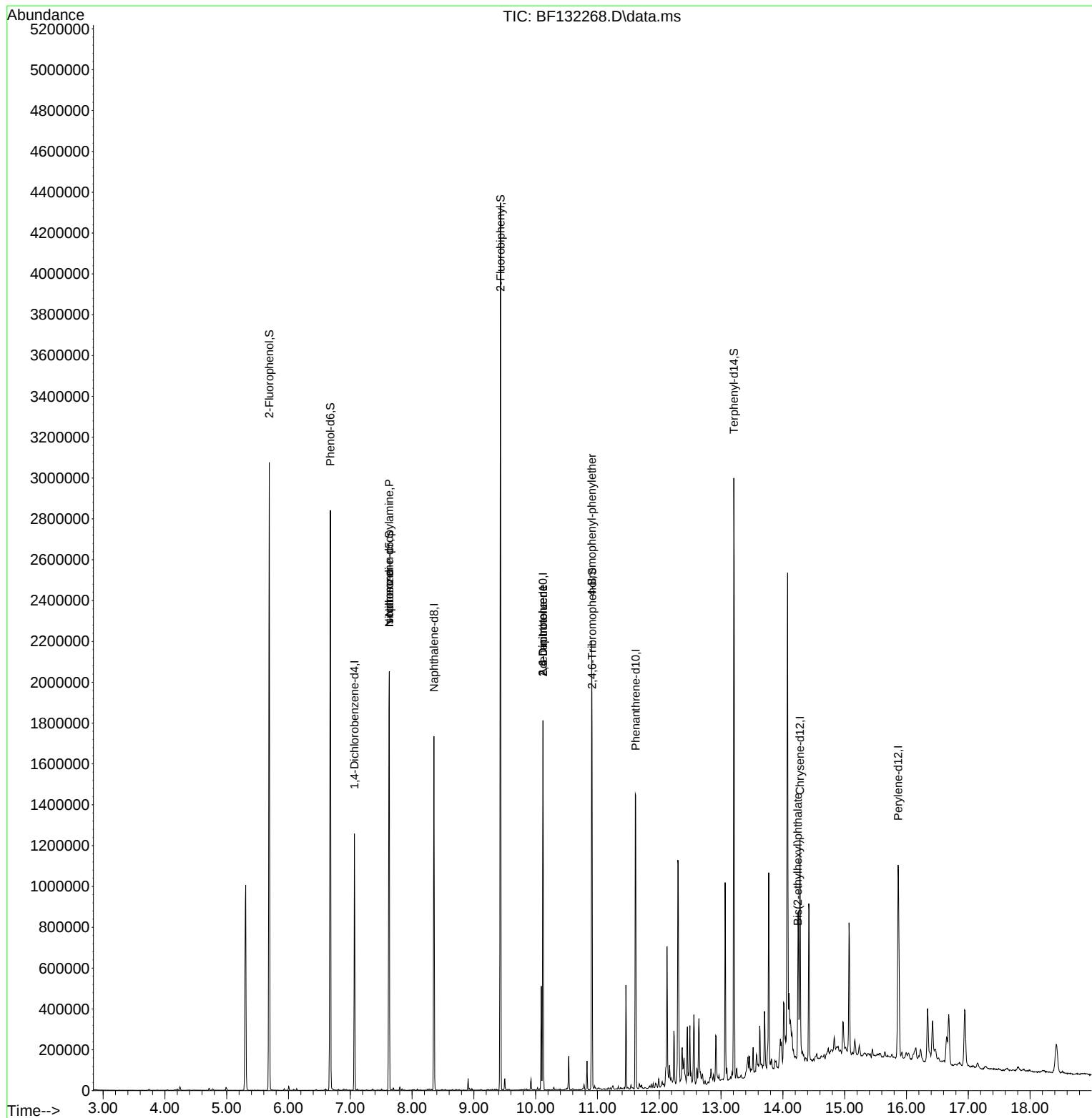
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	178241	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	681515	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	334315	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	554439	20.000	ng	0.00
76) Chrysene-d12	14.277	240	326145	20.000	ng	-0.01
86) Perylene-d12	15.865	264	340836	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	931232	83.980	ng	0.00
7) Phenol-d6	6.678	99	1137238	83.187	ng	0.00
23) Nitrobenzene-d5	7.631	82	686456	56.051	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	260653	75.816	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1203203	55.578	ng	0.00
79) Terphenyl-d14	13.207	244	1011916	60.018	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.619	77	284	Below Cal	#	73
19) n-Nitroso-di-n-propyla...	7.631	70	85917	11.064	ng	# 76
25) Isophorone	7.631	82	686445	29.531	ng	# 64
51) 2,6-Dinitrotoluene	10.119	165	43327	8.296	ng	# 25
57) 2,4-Dinitrotoluene	10.119	165	43327	6.386	ng	# 23
67) 4-Bromophenyl-phenylether	10.907	248	15501	2.730	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.242	149	44890	2.866	ng	# 97

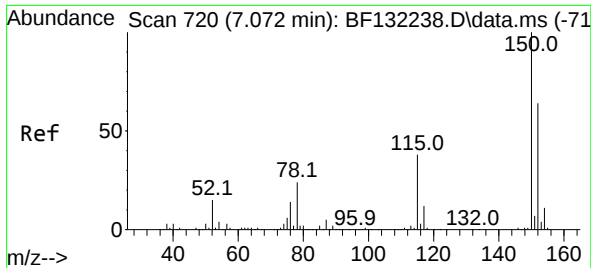
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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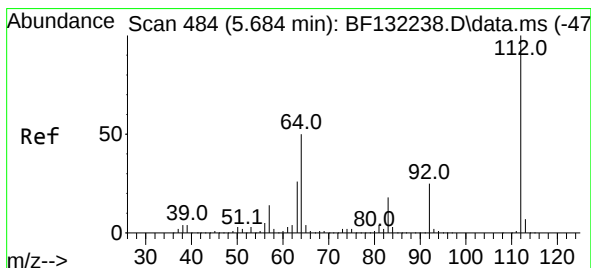
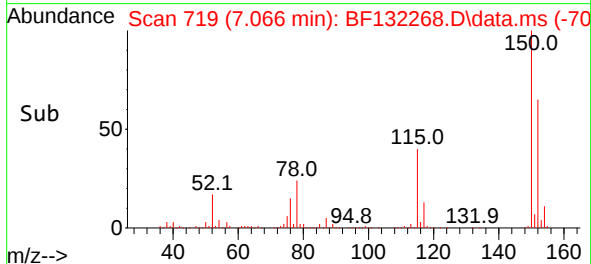
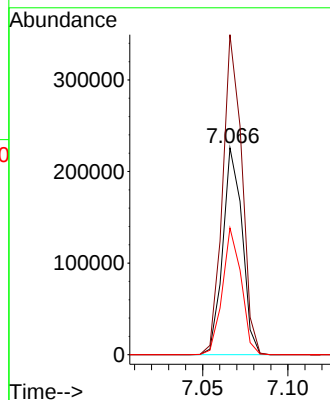
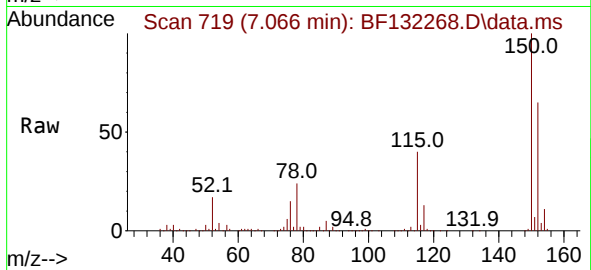




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132268.D
Acq: 01 Feb 2023 19:31

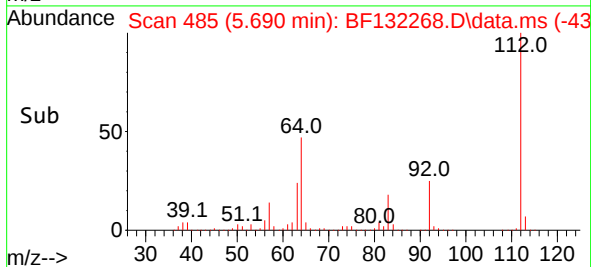
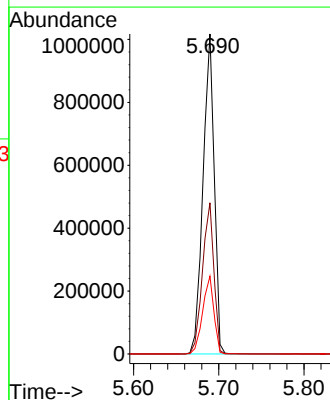
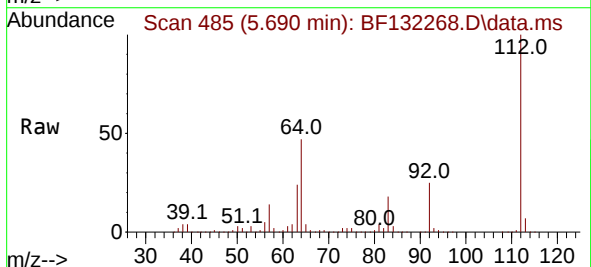
Instrument :
BNA_F
ClientSampleId :
MH-11

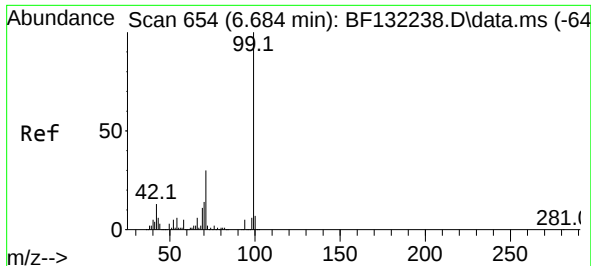
Tgt Ion:152 Resp: 178241
Ion Ratio Lower Upper
152 100
150 154.7 124.2 186.2
115 61.3 47.3 70.9



#5
2-Fluorophenol
Concen: 83.980 ng
RT: 5.690 min Scan# 485
Delta R.T. 0.006 min
Lab File: BF132268.D
Acq: 01 Feb 2023 19:31

Tgt Ion:112 Resp: 931232
Ion Ratio Lower Upper
112 100
64 47.2 40.0 60.0
63 24.3 20.5 30.7

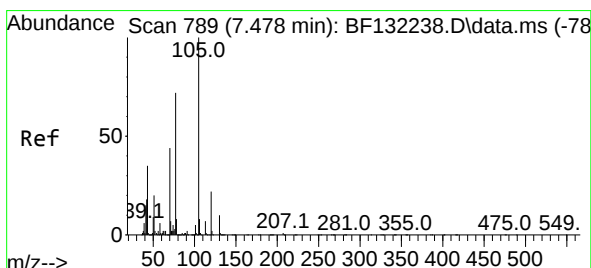
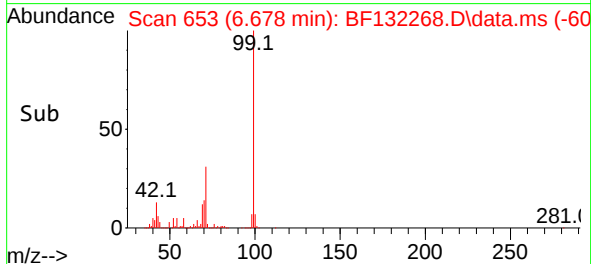
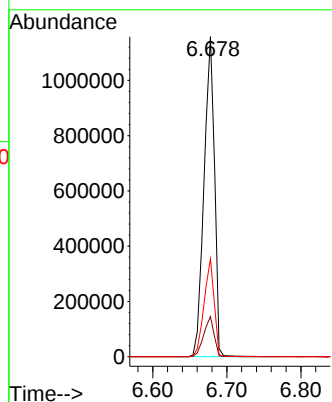
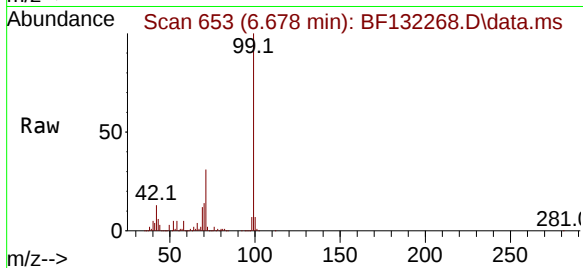




#7
Phenol-d6
Concen: 83.187 ng
RT: 6.678 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132268.D
Acq: 01 Feb 2023 19:31

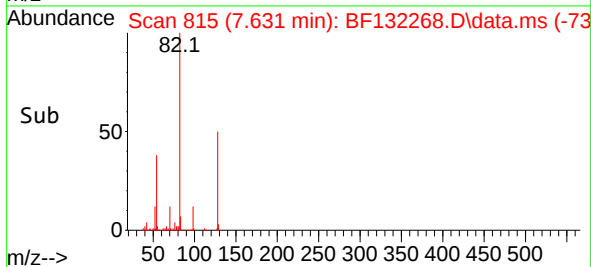
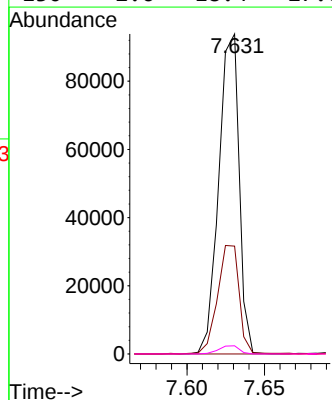
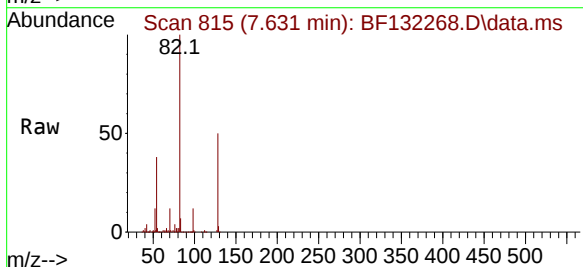
Instrument :
BNA_F
ClientSampleId :
MH-11

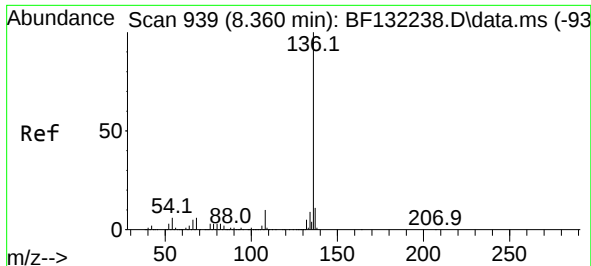
Tgt Ion: 99 Resp: 1137238
Ion Ratio Lower Upper
99 100
42 12.5 10.1 15.1
71 30.6 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.064 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132268.D
Acq: 01 Feb 2023 19:31

Tgt Ion: 70 Resp: 85917
Ion Ratio Lower Upper
70 100
42 33.7 33.4 50.0
101 0.0 8.2 12.4#
130 2.6 18.4 27.6#



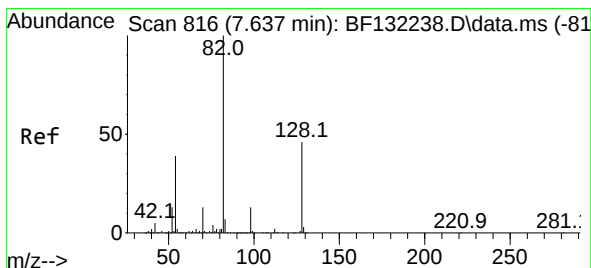
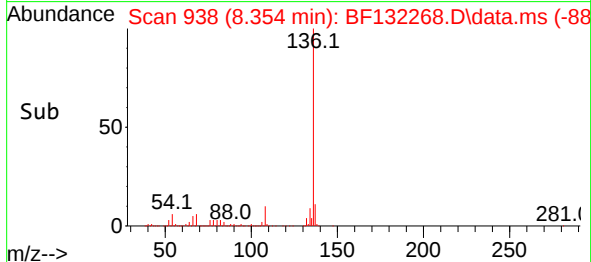
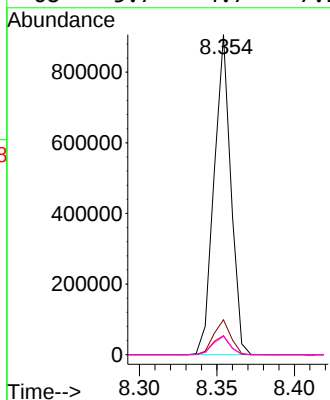
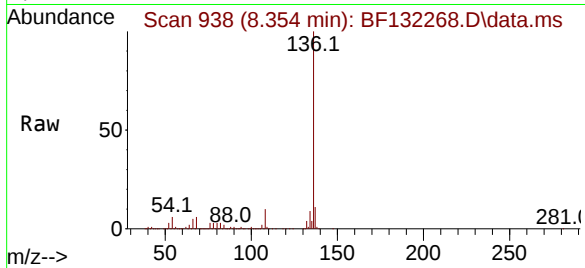


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF132268.D
Acq: 01 Feb 2023 19:31

Instrument :
BNA_F
ClientSampleId :
MH-11

Tgt Ion:136 Resp: 681515

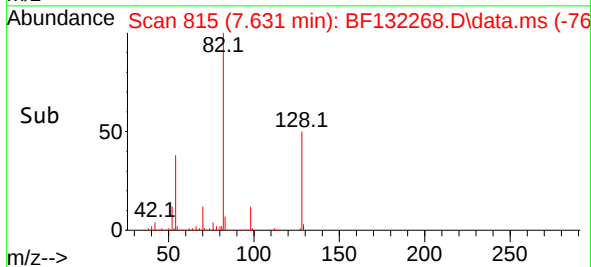
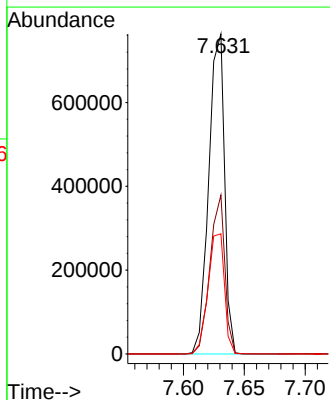
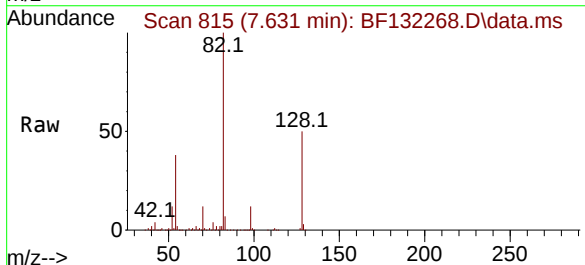
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	5.9	4.9	7.3
68	5.7	4.7	7.1

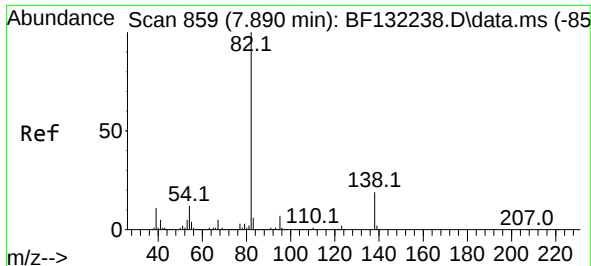


#23
Nitrobenzene-d5
Concen: 56.051 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132268.D
Acq: 01 Feb 2023 19:31

Tgt Ion: 82 Resp: 686456

Ion	Ratio	Lower	Upper
82	100		
128	49.7	37.0	55.4
54	37.6	31.5	47.3

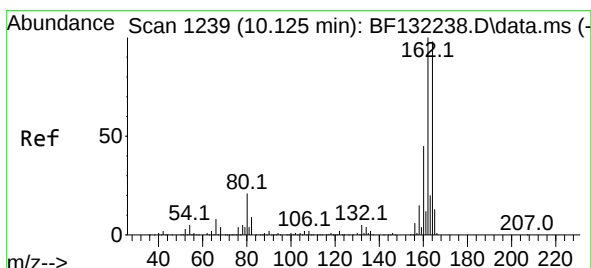
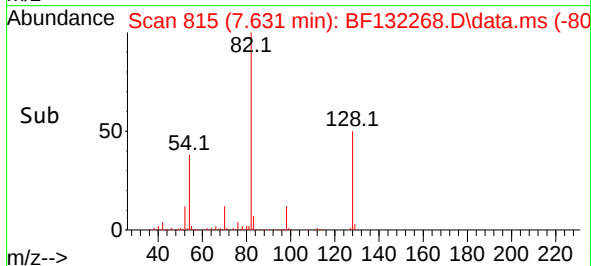
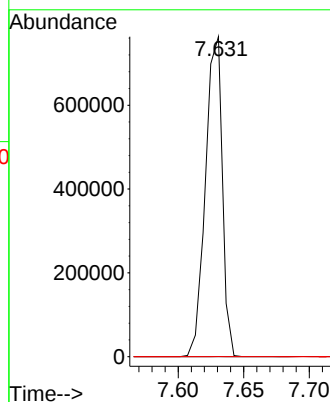
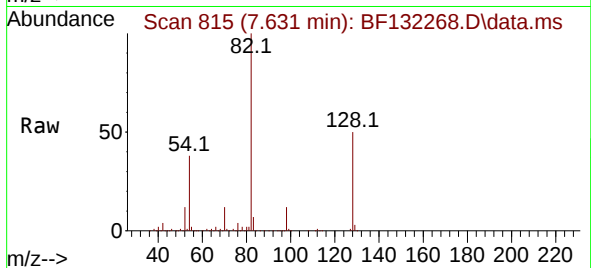




#25
Isophorone
Concen: 29.531 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132268.D
Acq: 01 Feb 2023 19:31

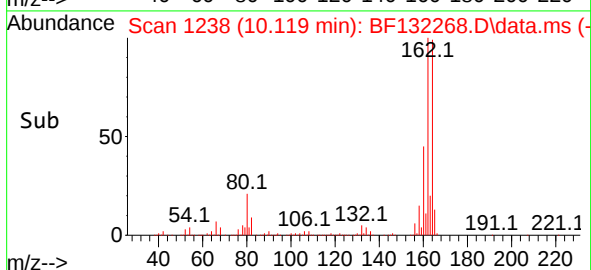
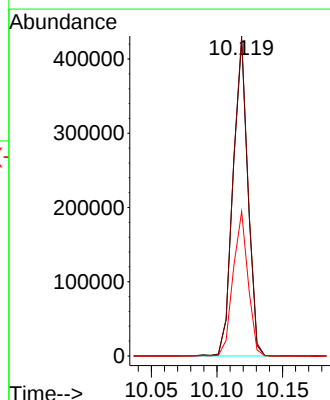
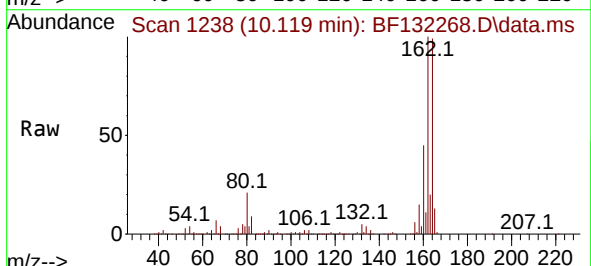
Instrument :
BNA_F
ClientSampleId :
MH-11

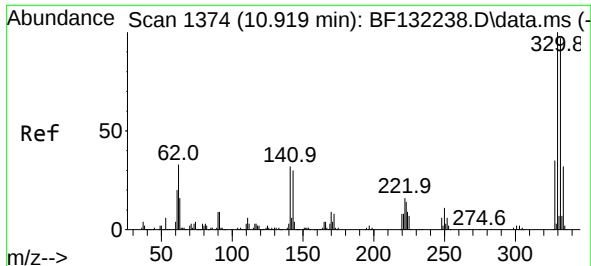
Tgt Ion: 82 Resp: 686445
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132268.D
Acq: 01 Feb 2023 19:31

Tgt Ion:164 Resp: 334315
Ion Ratio Lower Upper
164 100
162 101.2 82.0 123.0
160 45.6 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 75.816 ng

RT: 10.913 min Scan# 111

Delta R.T. -0.006 min

Lab File: BF132268.D

Acq: 01 Feb 2023 19:31

Instrument :

BNA_F

ClientSampleId :

MH-11

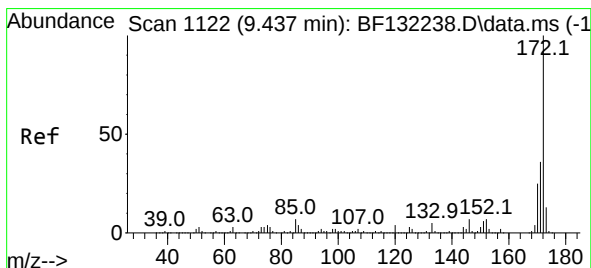
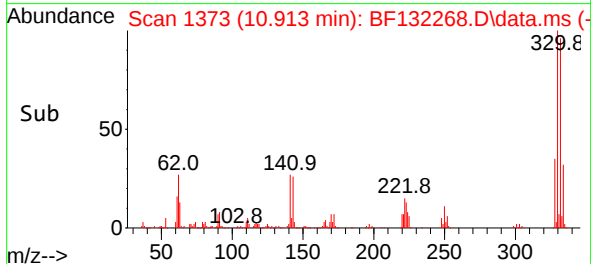
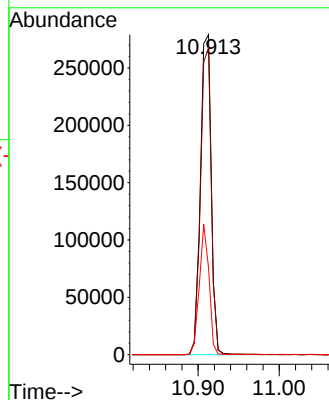
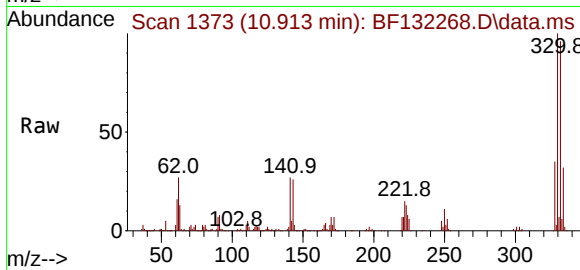
Tgt Ion:330 Resp: 260653

Ion Ratio Lower Upper

330 100

332 95.0 77.9 116.9

141 36.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 55.578 ng

RT: 9.431 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132268.D

Acq: 01 Feb 2023 19:31

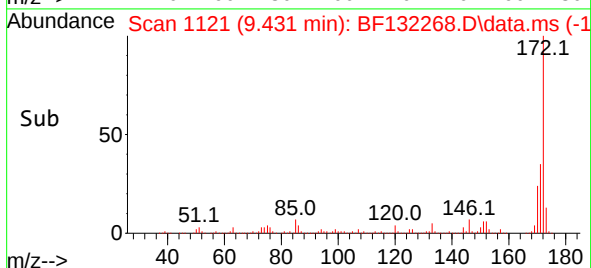
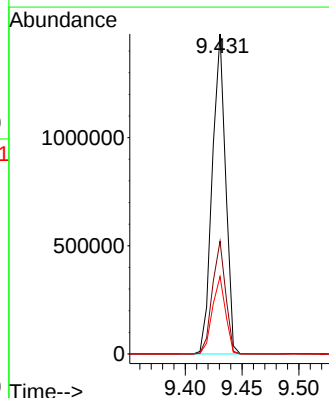
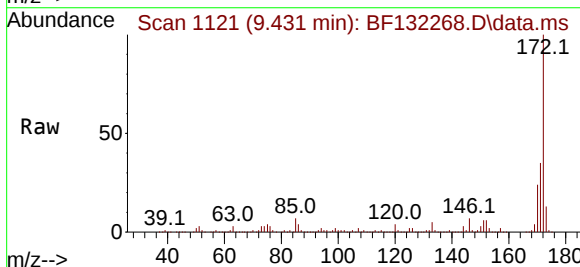
Tgt Ion:172 Resp: 1203203

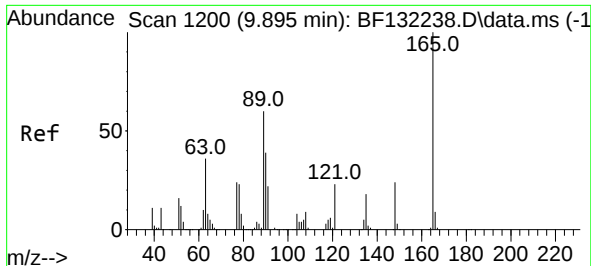
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 24.2 19.7 29.5





#51

2,6-Dinitrotoluene

Concen: 8.296 ng

RT: 10.119 min Scan# 1238

Delta R.T. 0.224 min

Lab File: BF132268.D

Acq: 01 Feb 2023 19:31

Instrument :

BNA_F

ClientSampleId :

MH-11

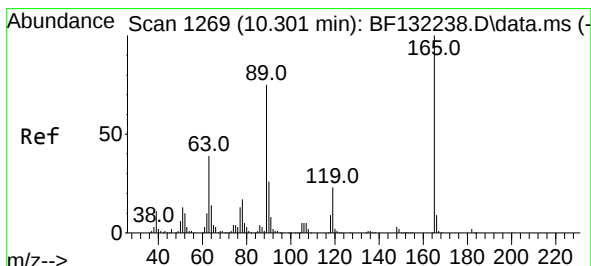
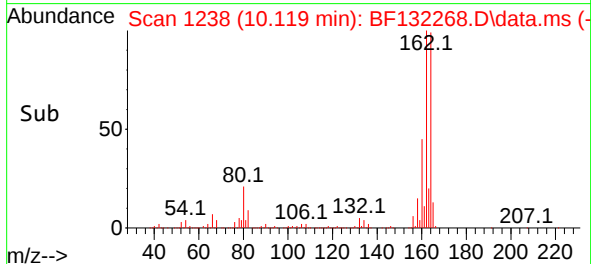
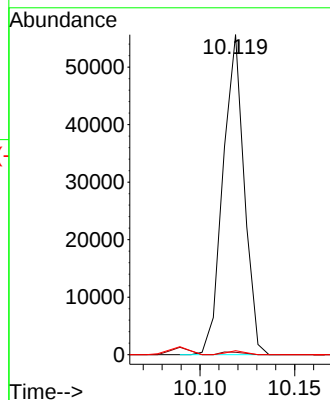
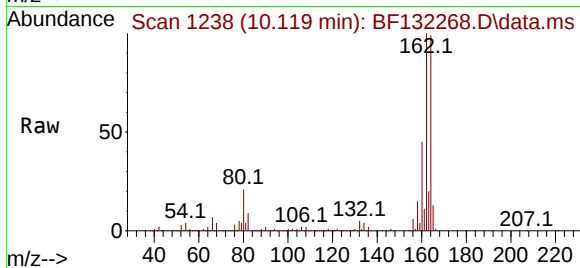
Tgt Ion:165 Resp: 43327

Ion Ratio Lower Upper

165 100

63 0.8 41.5 62.3#

89 1.2 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.386 ng

RT: 10.119 min Scan# 1238

Delta R.T. -0.182 min

Lab File: BF132268.D

Acq: 01 Feb 2023 19:31

Tgt Ion:165 Resp: 43327

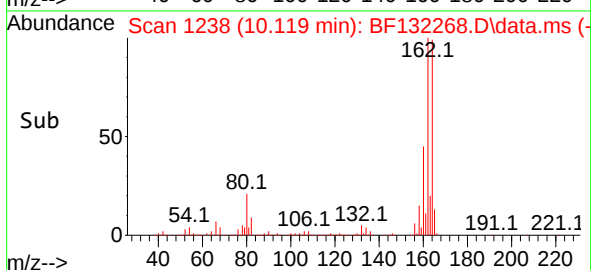
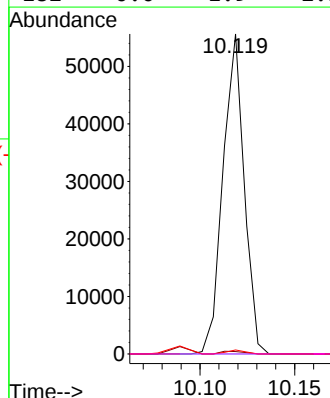
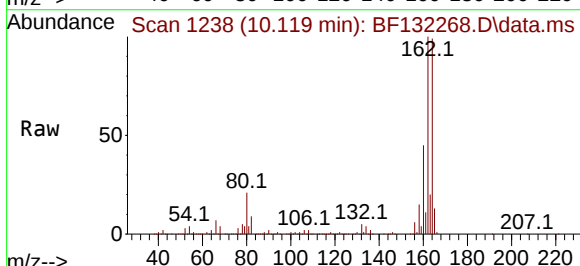
Ion Ratio Lower Upper

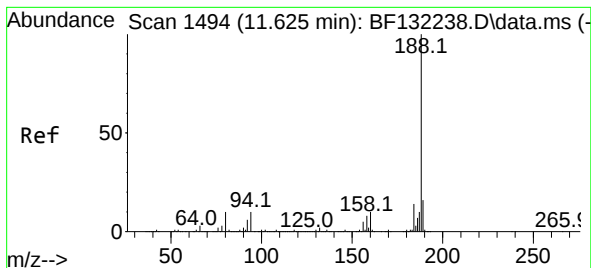
165 100

63 0.8 30.9 46.3#

89 1.2 60.1 90.1#

182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.619 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF132268.D

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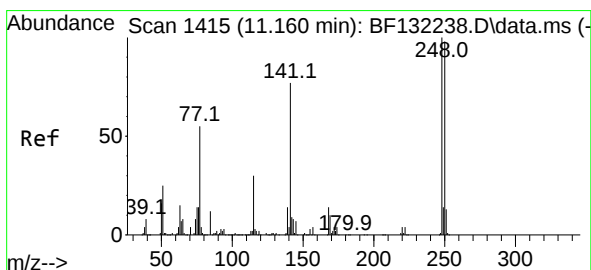
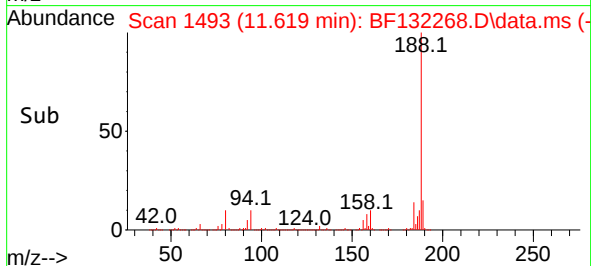
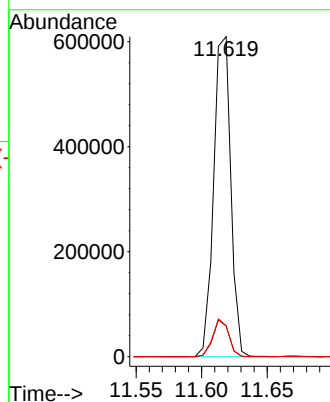
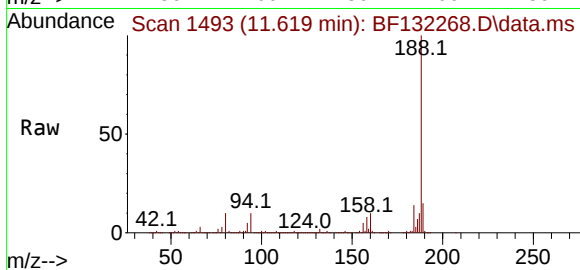
Tgt Ion:188 Resp: 554439

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

80 9.7 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 2.730 ng

RT: 10.907 min Scan# 1372

Delta R.T. -0.253 min

Lab File: BF132268.D

Acq: 01 Feb 2023 19:31

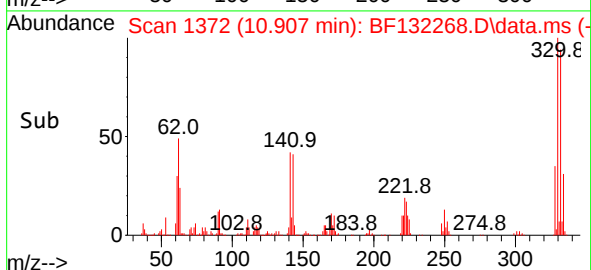
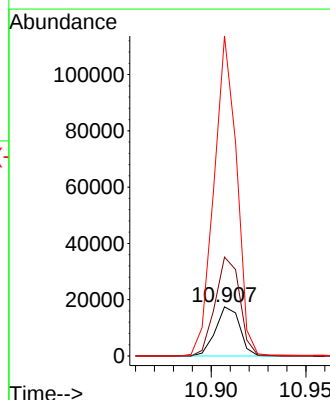
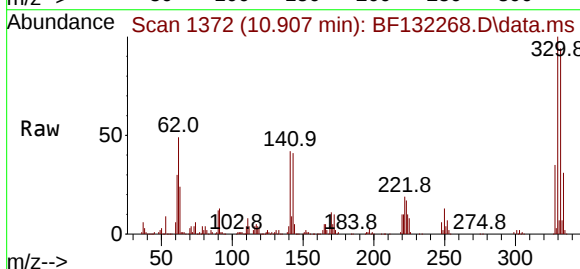
Tgt Ion:248 Resp: 15501

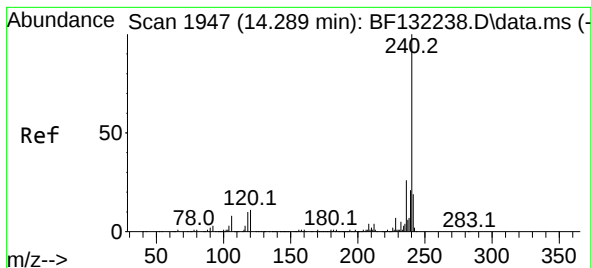
Ion Ratio Lower Upper

248 100

250 201.2 78.6 117.8#

141 651.4 61.6 92.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.277 min Scan# 1945

Delta R.T. -0.012 min

Lab File: BF132268.D

Acq: 01 Feb 2023 19:31

Instrument :

BNA_F

ClientSampleId :

MH-11

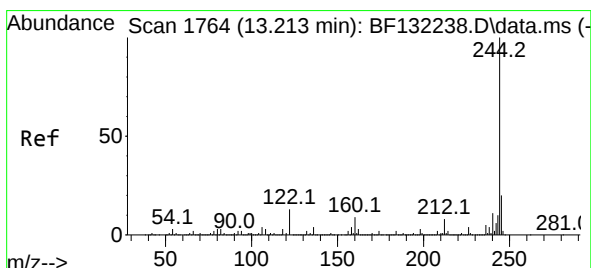
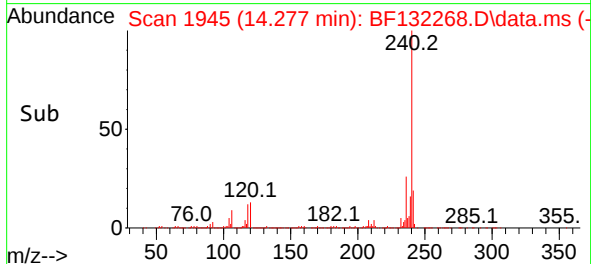
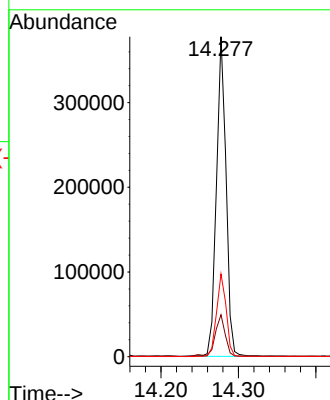
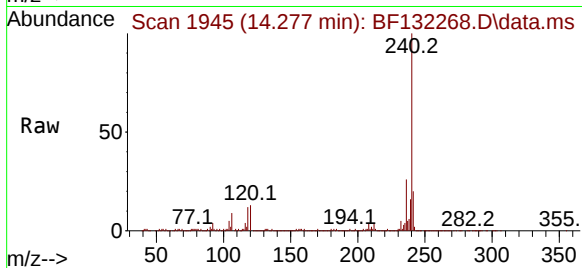
Tgt Ion:240 Resp: 326145

Ion Ratio Lower Upper

240 100

120 13.1 8.8 13.2

236 25.8 21.0 31.6



#79

Terphenyl-d14

Concen: 60.018 ng

RT: 13.207 min Scan# 1763

Delta R.T. -0.006 min

Lab File: BF132268.D

Acq: 01 Feb 2023 19:31

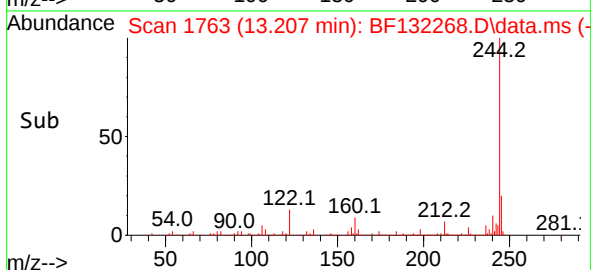
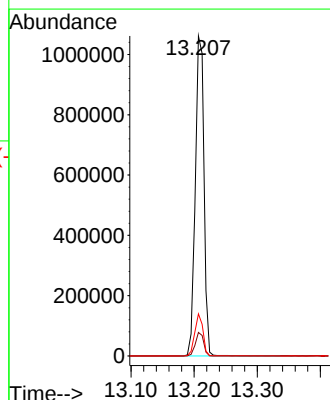
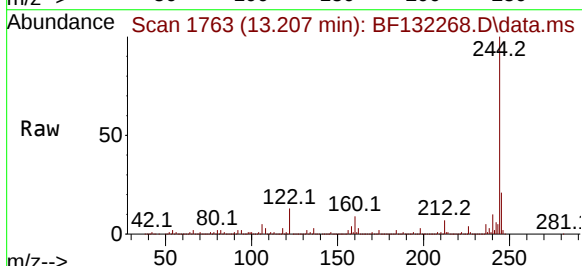
Tgt Ion:244 Resp: 1011916

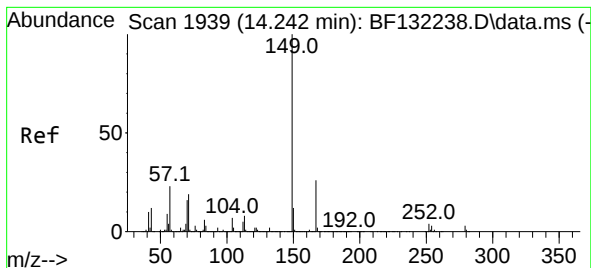
Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

122 13.1 10.5 15.7

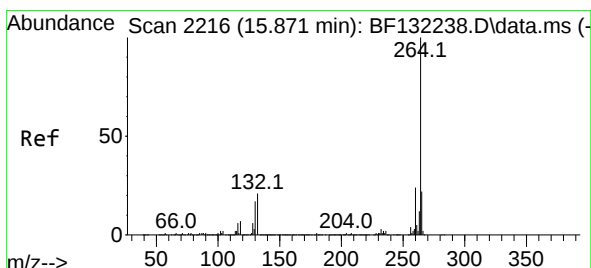
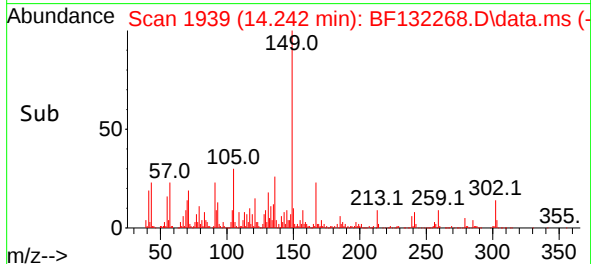
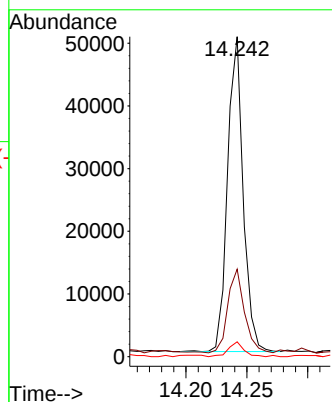
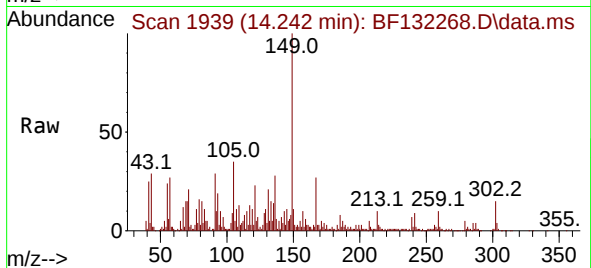




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.866 ng
 RT: 14.242 min Scan# 1939
 Delta R.T. -0.000 min
 Lab File: BF132268.D
 Acq: 01 Feb 2023 19:31

Instrument :
 BNA_F
 ClientSampleId :
 MH-11

Tgt Ion:149 Resp: 44890
 Ion Ratio Lower Upper
 149 100
 167 27.3 20.7 31.1
 279 4.7 2.7 4.1#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.865 min Scan# 2215
 Delta R.T. -0.006 min
 Lab File: BF132268.D
 Acq: 01 Feb 2023 19:31

Tgt Ion:264 Resp: 340836
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.4 17.4 26.2

