

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132301.D
 Acq On : 02 Feb 2023 20:11
 Operator : CG\JU
 Sample : 01386-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-6-013123

Quant Time: Feb 03 00:25:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

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

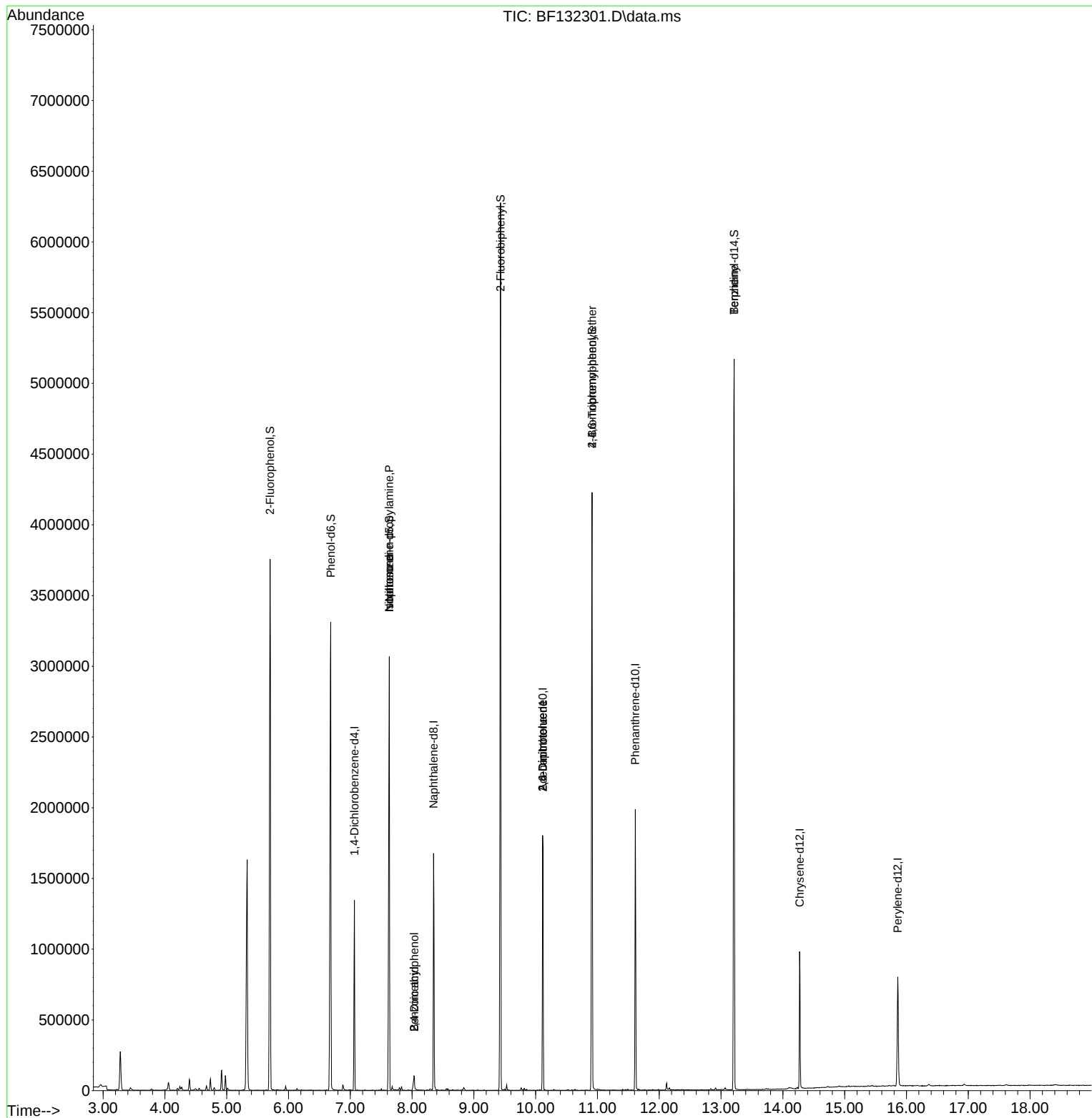
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	193801	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	733516	20.000	ng	-0.01
39) Acenaphthene-d10	10.113	164	379978	20.000	ng	-0.01
64) Phenanthrene-d10	11.613	188	679761	20.000	ng	-0.01
76) Chrysene-d12	14.271	240	311199	20.000	ng	#-0.02
86) Perylene-d12	15.860	264	364981	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	1384348	114.819	ng	0.02
7) Phenol-d6	6.684	99	1563616	105.192	ng	0.00
23) Nitrobenzene-d5	7.631	82	1096997	83.222	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	581204	148.739	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1931755	78.508	ng	0.00
79) Terphenyl-d14	13.213	244	1925386	119.682	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.619	77	133	Below Cal	#	37
19) n-Nitroso-di-n-propyla...	7.631	70	137089	16.237	ng	# 77
25) Isophorone	7.631	82	1096989	43.847	ng	# 64
27) 2,4-Dimethylphenol	8.037	122	35975	3.133	ng	# 4
32) Benzoic acid	8.037	122	35975	4.233	ng	# 90
51) 2,6-Dinitrotoluene	10.113	165	49449	8.330	ng	# 25
57) 2,4-Dinitrotoluene	10.113	165	49449	6.413	ng	# 23
67) 4-Bromophenyl-phenylether	10.913	248	33283	4.782	ng	# 1
77) Benzidine	13.213	184	29734	2.733	ng	# 94

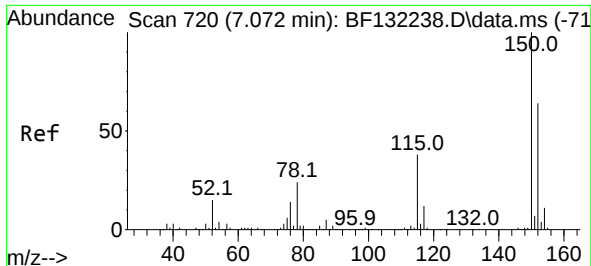
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 02 01:30:34 2023
Response via : Initial Calibration

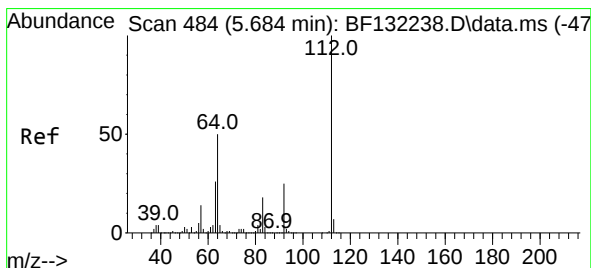
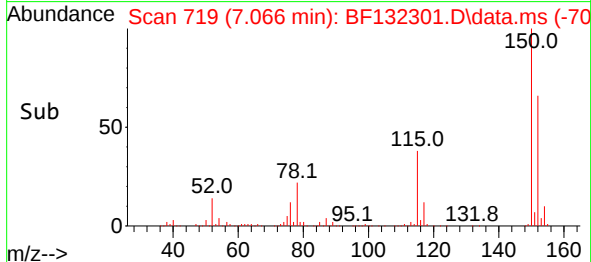
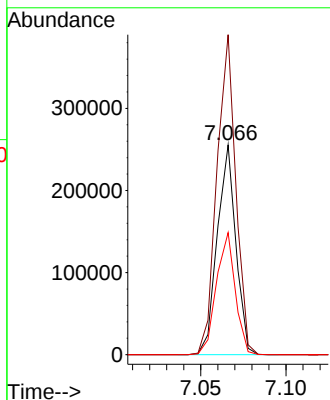
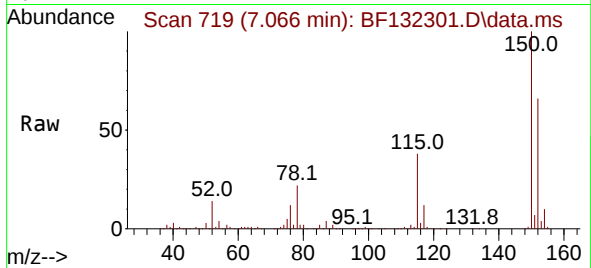




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.066 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132301.D
 Acq: 02 Feb 2023 20:11

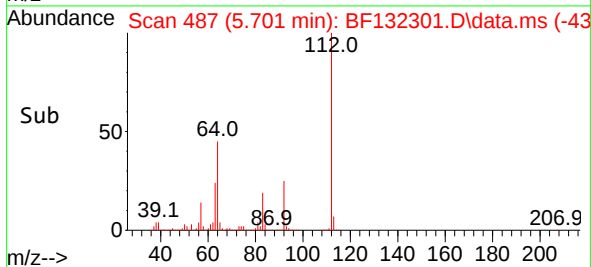
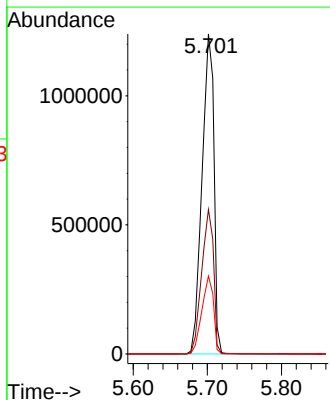
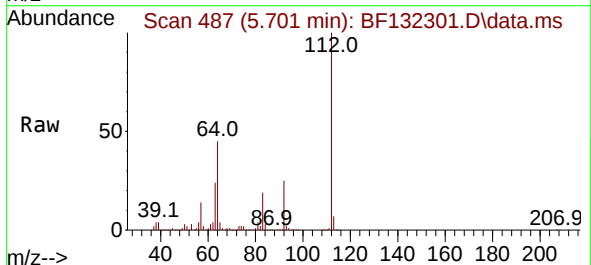
Instrument :
 BNA_F
 ClientSampleId :
 JPP-6-013123

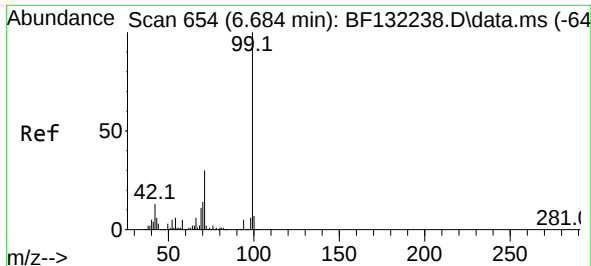
Tgt Ion:152 Resp: 193801
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.2 186.2
 115 58.2 47.3 70.9



#5
 2-Fluorophenol
 Concen: 114.819 ng
 RT: 5.701 min Scan# 487
 Delta R.T. 0.017 min
 Lab File: BF132301.D
 Acq: 02 Feb 2023 20:11

Tgt Ion:112 Resp: 1384348
 Ion Ratio Lower Upper
 112 100
 64 45.1 40.0 60.0
 63 24.3 20.5 30.7

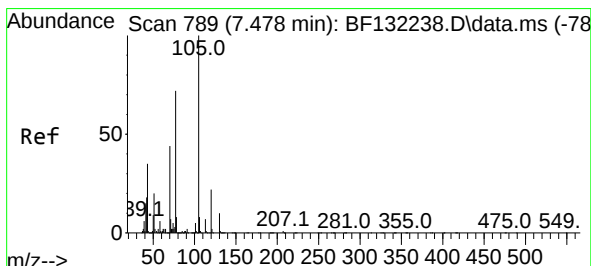
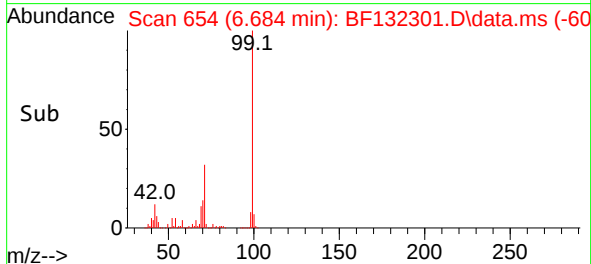
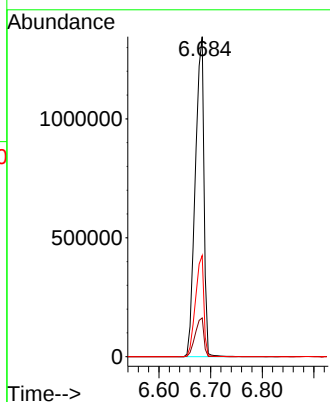
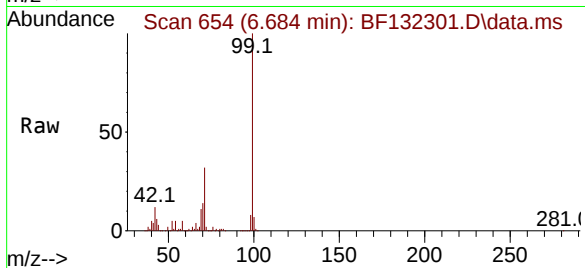




#7
Phenol-d6
Concen: 105.192 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132301.D
Acq: 02 Feb 2023 20:11

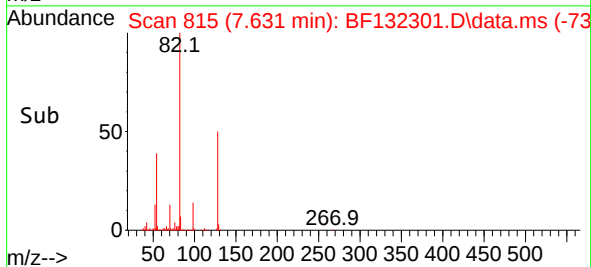
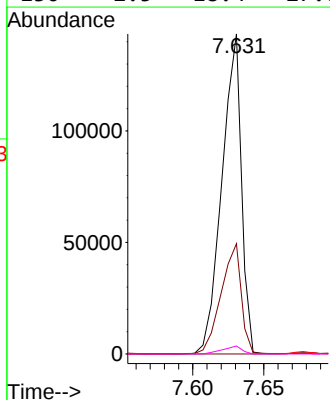
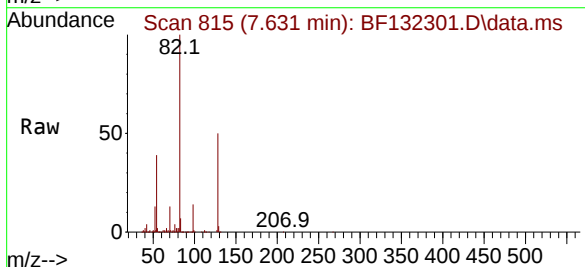
Instrument :
BNA_F
ClientSampleId :
JPP-6-013123

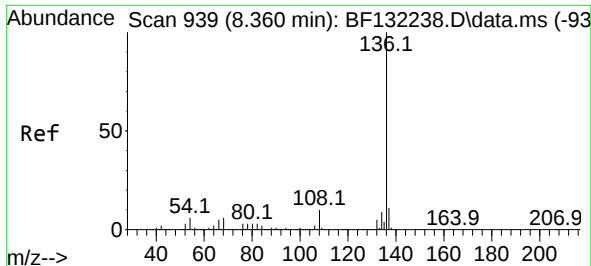
Tgt Ion: 99 Resp: 1563616
Ion Ratio Lower Upper
99 100
42 12.1 10.1 15.1
71 31.6 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.237 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132301.D
Acq: 02 Feb 2023 20:11

Tgt Ion: 70 Resp: 137089
Ion Ratio Lower Upper
70 100
42 34.5 33.4 50.0
101 0.0 8.2 12.4#
130 2.5 18.4 27.6#



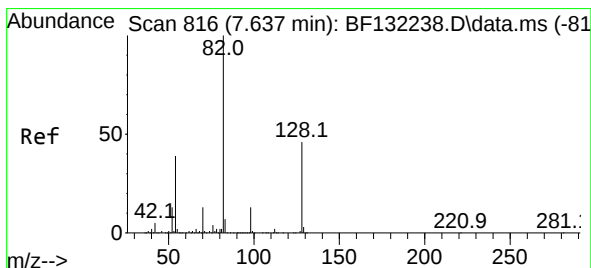
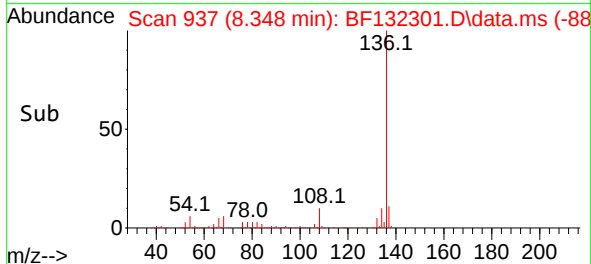
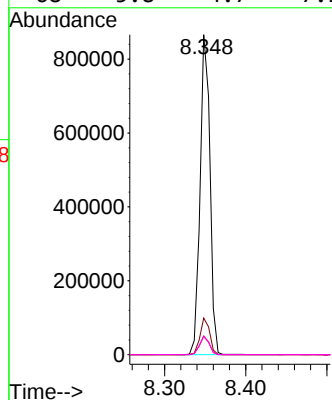
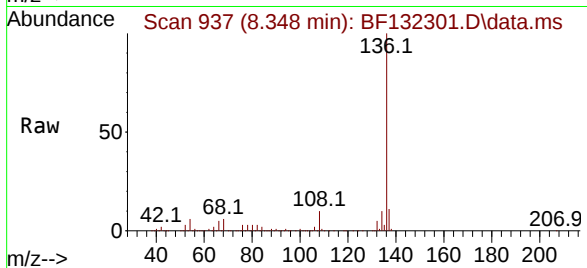


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.348 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF132301.D
Acq: 02 Feb 2023 20:11

Instrument :
BNA_F
ClientSampleId :
JPP-6-013123

Tgt Ion:136 Resp: 733516

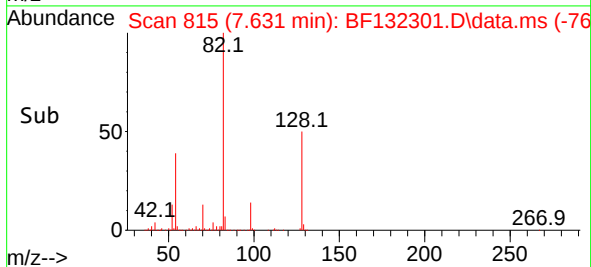
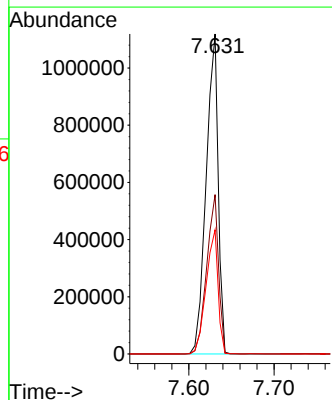
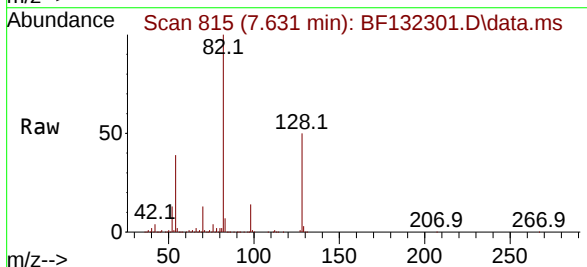
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	5.9	4.9	7.3
68	5.8	4.7	7.1

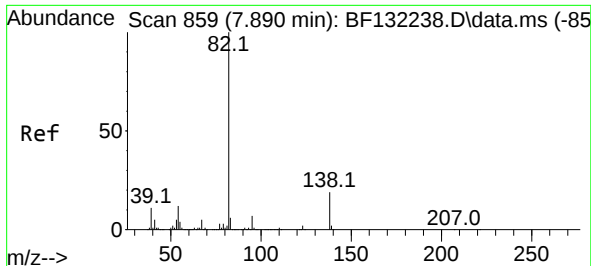


#23
Nitrobenzene-d5
Concen: 83.222 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132301.D
Acq: 02 Feb 2023 20:11

Tgt Ion: 82 Resp: 1096997

Ion	Ratio	Lower	Upper
82	100		
128	49.8	37.0	55.4
54	38.8	31.5	47.3

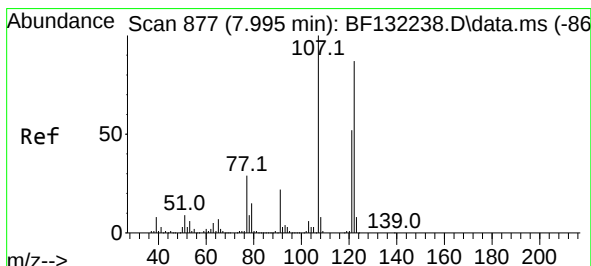
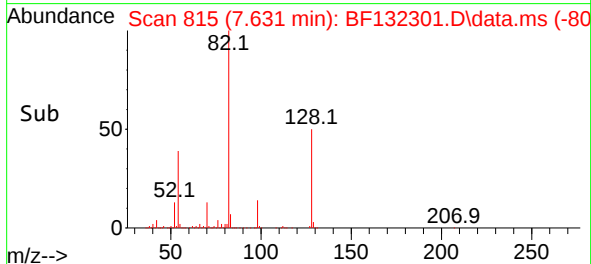
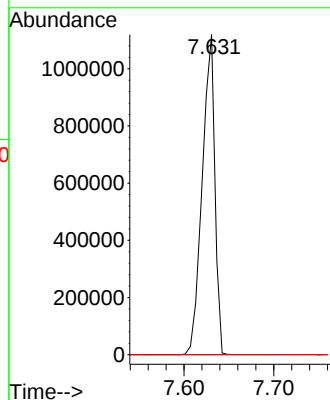
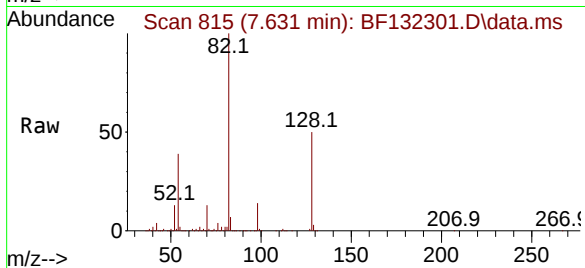




#25
Isophorone
Concen: 43.847 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132301.D
Acq: 02 Feb 2023 20:11

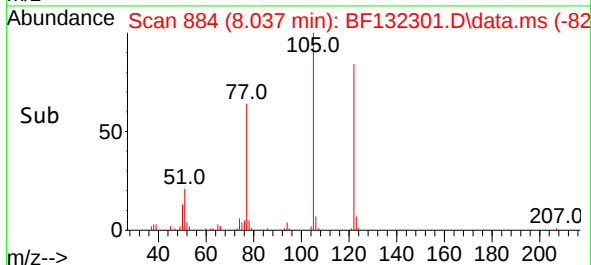
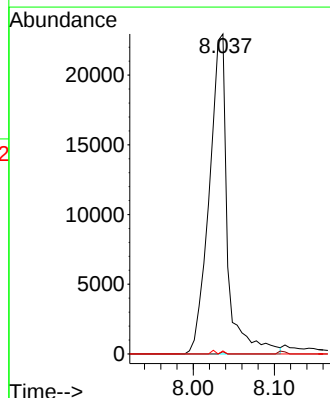
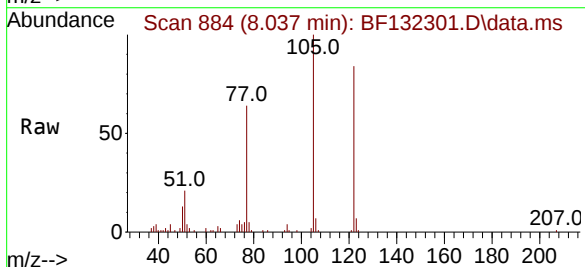
Instrument :
BNA_F
ClientSampleId :
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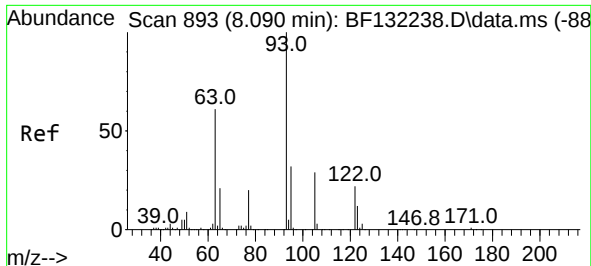
Tgt Ion: 82 Resp: 1096989
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#27
2,4-Dimethylphenol
Concen: 3.133 ng
RT: 8.037 min Scan# 884
Delta R.T. 0.041 min
Lab File: BF132301.D
Acq: 02 Feb 2023 20:11

Tgt Ion:122 Resp: 35975
Ion Ratio Lower Upper
122 100
107 0.7 91.9 137.9#
121 1.0 47.8 71.8#

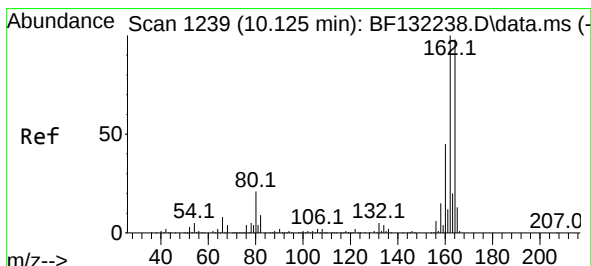
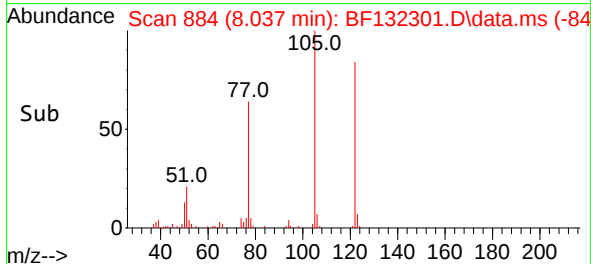
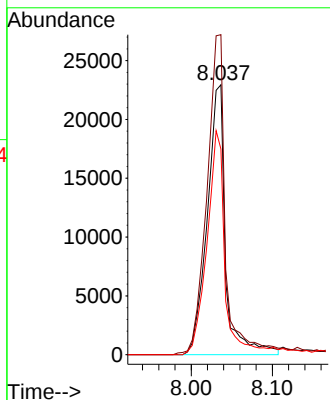
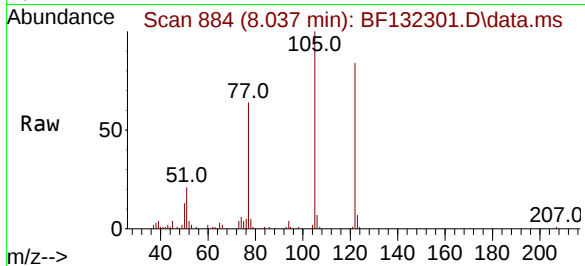




#32
Benzoic acid
Concen: 4.233 ng
RT: 8.037 min Scan# 81
Delta R.T. -0.053 min
Lab File: BF132301.D
Acq: 02 Feb 2023 20:11

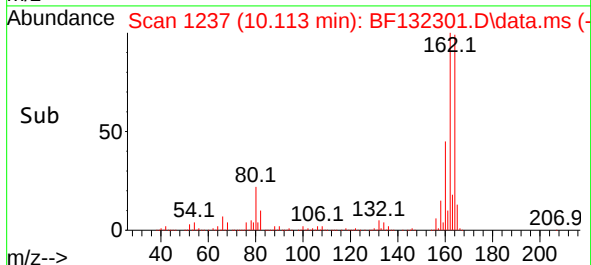
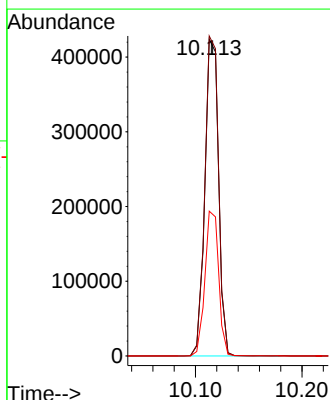
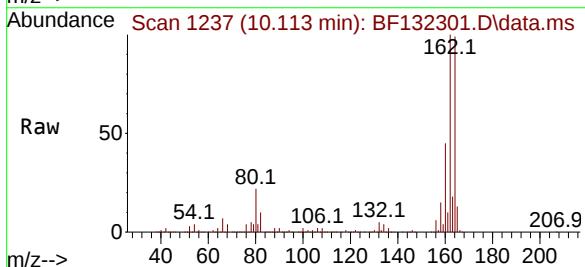
Instrument :
BNA_F
ClientSampleId :
JPP-6-013123

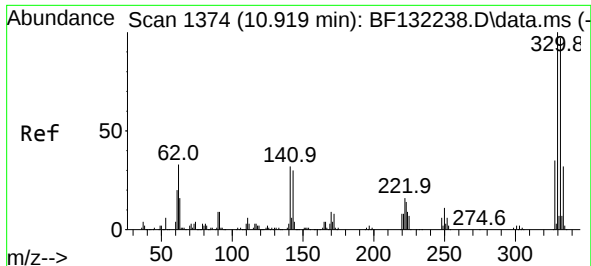
Tgt Ion:122 Resp: 35975
Ion Ratio Lower Upper
122 100
105 118.5 106.3 146.3
77 76.2 70.6 110.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.113 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF132301.D
Acq: 02 Feb 2023 20:11

Tgt Ion:164 Resp: 379978
Ion Ratio Lower Upper
164 100
162 101.0 82.0 123.0
160 45.7 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 148.739 ng

RT: 10.913 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132301.D

Acq: 02 Feb 2023 20:11

Instrument :

BNA_F

ClientSampleId :

JPP-6-013123

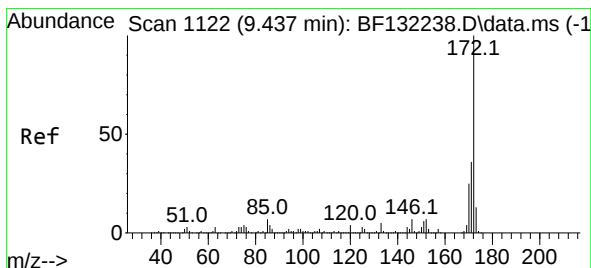
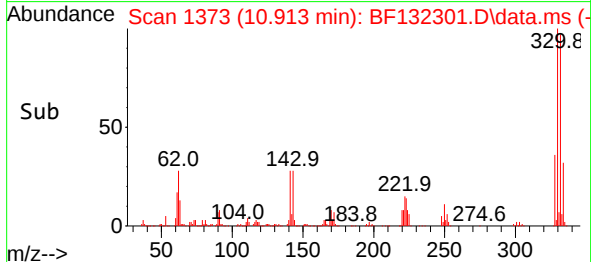
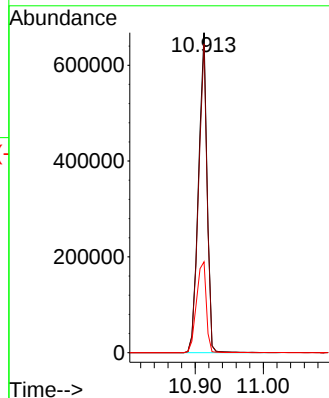
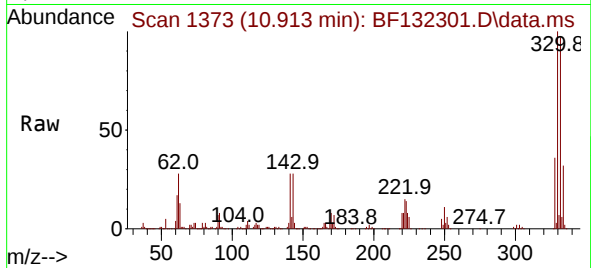
Tgt Ion:330 Resp: 581204

Ion Ratio Lower Upper

330 100

332 96.3 77.9 116.9

141 32.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 78.508 ng

RT: 9.431 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132301.D

Acq: 02 Feb 2023 20:11

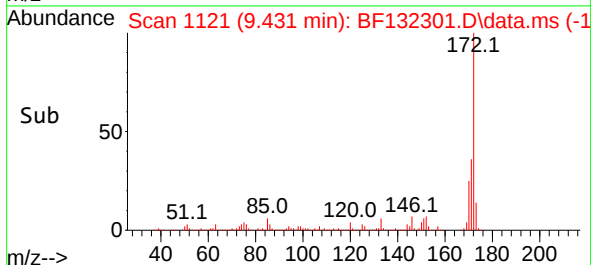
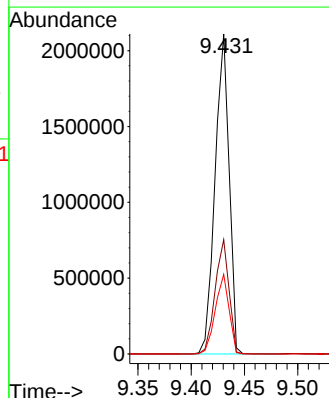
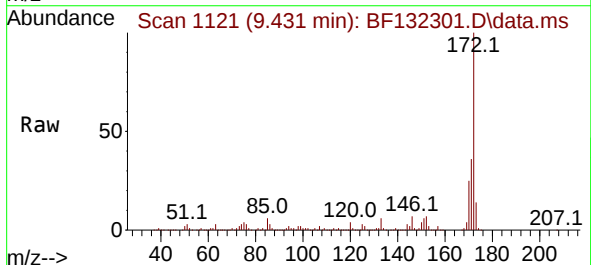
Tgt Ion:172 Resp: 1931755

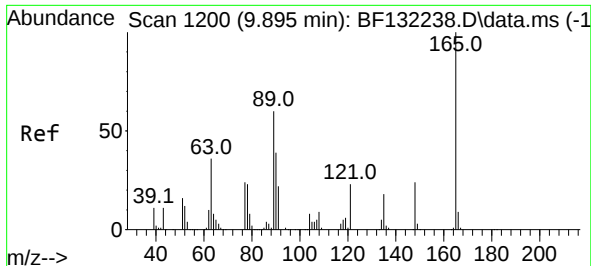
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 24.9 19.7 29.5





#51

2,6-Dinitrotoluene

Concen: 8.330 ng

RT: 10.113 min Scan# 1

Delta R.T. 0.218 min

Lab File: BF132301.D

Acq: 02 Feb 2023 20:11

Instrument :

BNA_F

ClientSampleId :

JPP-6-013123

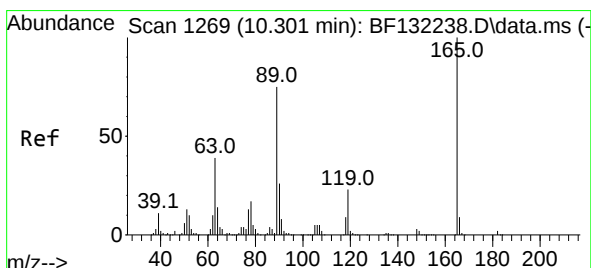
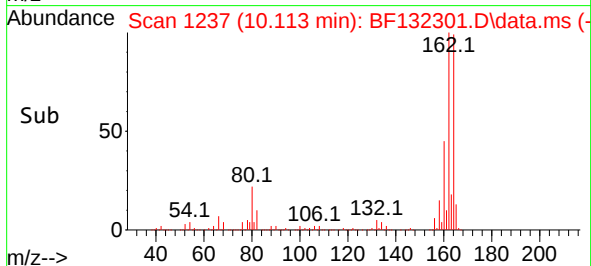
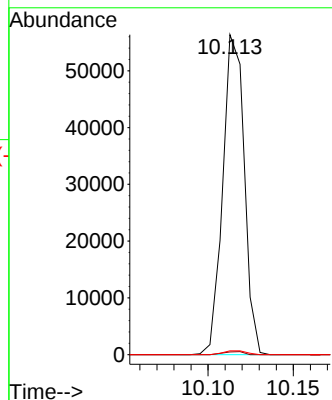
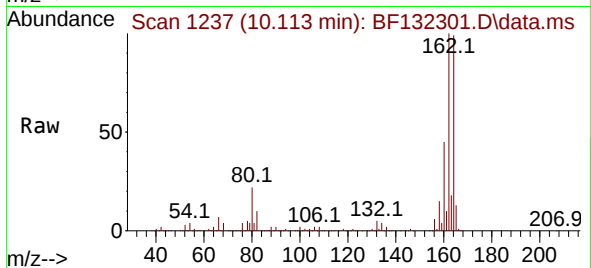
Tgt Ion:165 Resp: 49449

Ion Ratio Lower Upper

165 100

63 0.9 41.5 62.3#

89 1.2 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.413 ng

RT: 10.113 min Scan# 1237

Delta R.T. -0.188 min

Lab File: BF132301.D

Acq: 02 Feb 2023 20:11

Tgt Ion:165 Resp: 49449

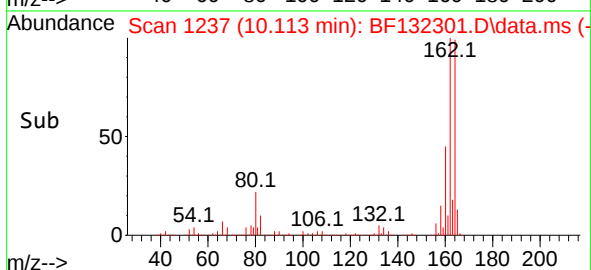
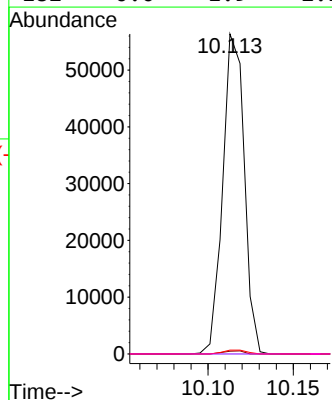
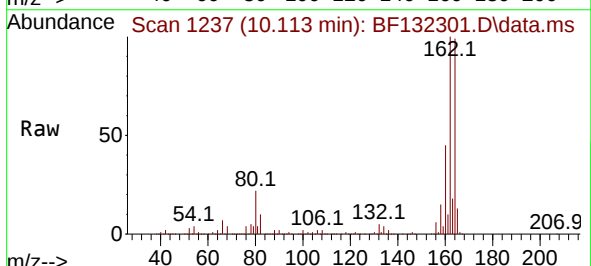
Ion Ratio Lower Upper

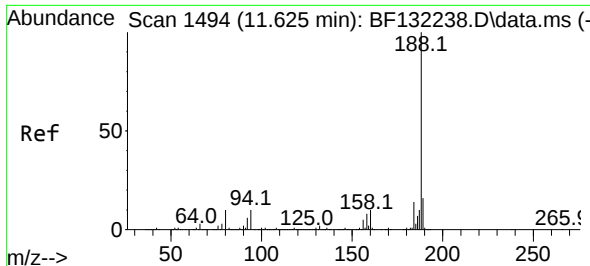
165 100

63 0.9 30.9 46.3#

89 1.2 60.1 90.1#

182 0.0 1.9 2.9#

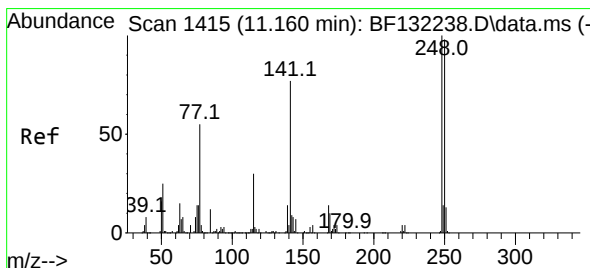
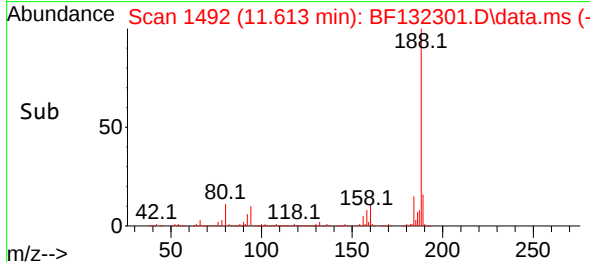
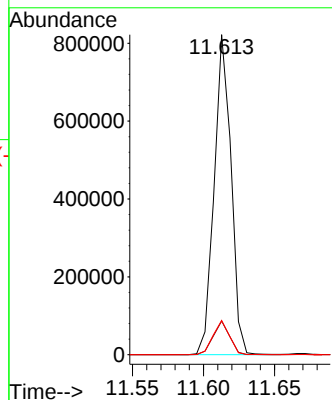
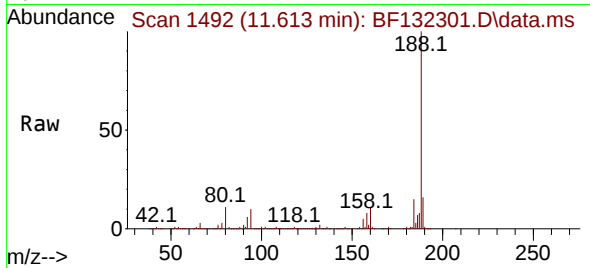




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.613 min Scan# 1494
Delta R.T. -0.012 min
Lab File: BF132301.D
Acq: 02 Feb 2023 20:11

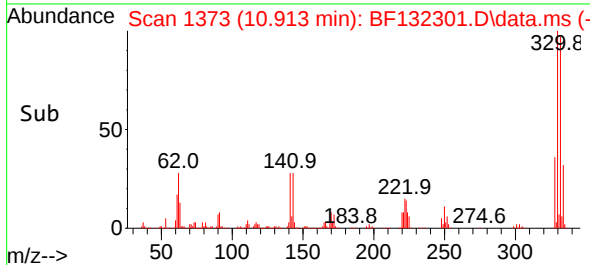
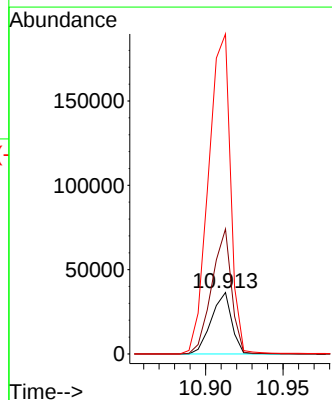
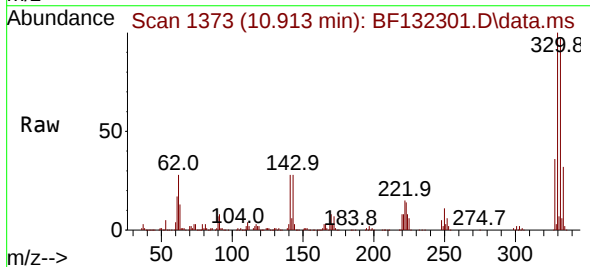
Instrument :
BNA_F
ClientSampleId :
JPP-6-013123

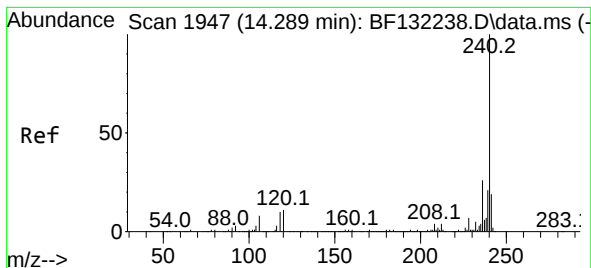
Tgt Ion:188 Resp: 679761
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.2
80 10.7 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 4.782 ng
RT: 10.913 min Scan# 1373
Delta R.T. -0.247 min
Lab File: BF132301.D
Acq: 02 Feb 2023 20:11

Tgt Ion:248 Resp: 33283
Ion Ratio Lower Upper
248 100
250 203.4 78.6 117.8#
141 521.0 61.6 92.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.271 min Scan# 1944

Delta R.T. -0.018 min

Lab File: BF132301.D

Acq: 02 Feb 2023 20:11

Instrument :

BNA_F

ClientSampleId :

JPP-6-013123

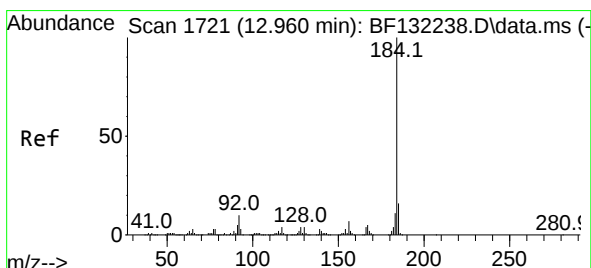
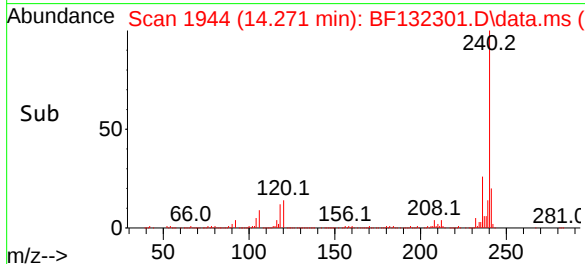
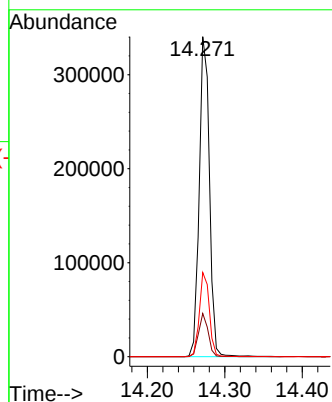
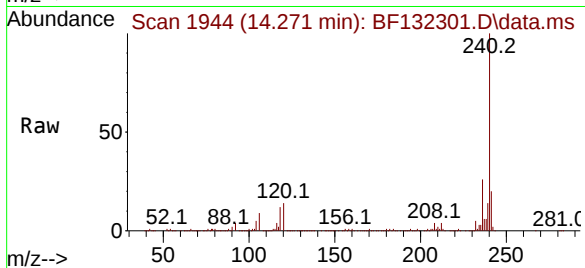
Tgt Ion:240 Resp: 311199

Ion Ratio Lower Upper

240 100

120 13.5 8.8 13.2#

236 26.3 21.0 31.6



#77

Benzidine

Concen: 2.733 ng

RT: 13.213 min Scan# 1764

Delta R.T. 0.253 min

Lab File: BF132301.D

Acq: 02 Feb 2023 20:11

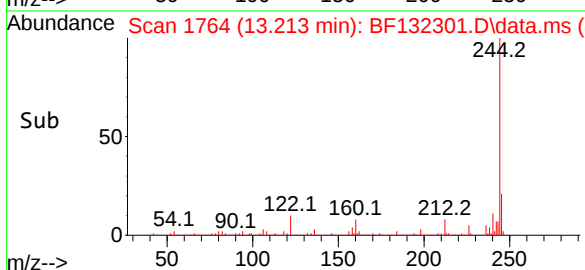
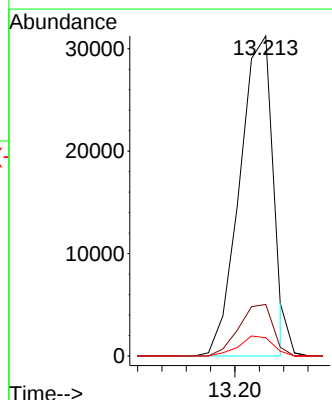
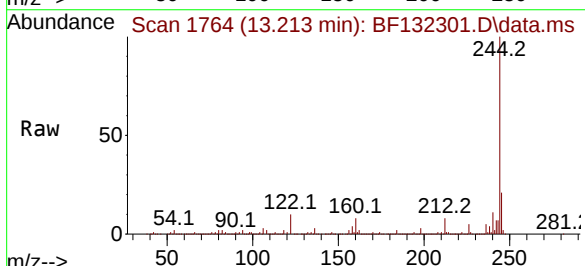
Tgt Ion:184 Resp: 29734

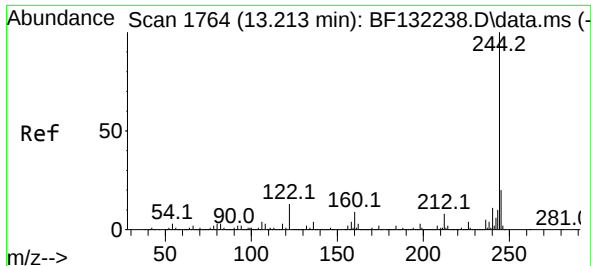
Ion Ratio Lower Upper

184 100

185 16.1 12.6 18.8

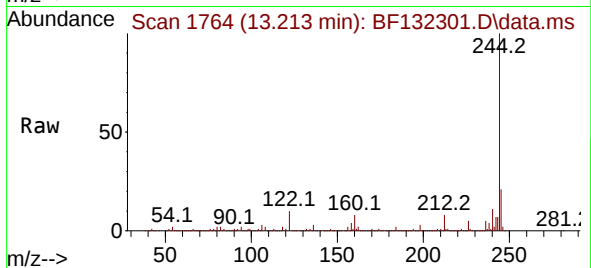
183 5.7 8.9 13.3#



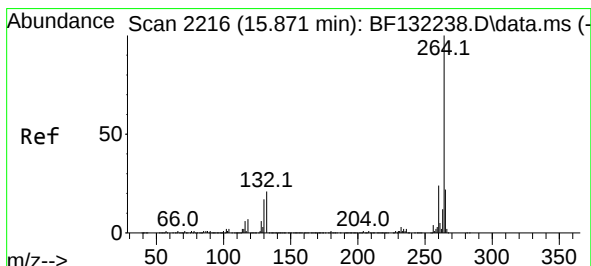
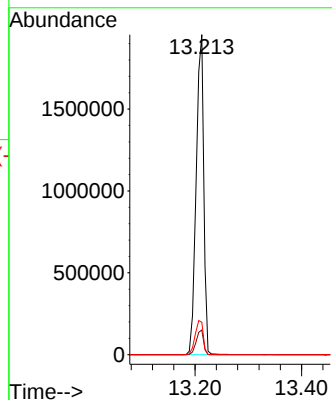
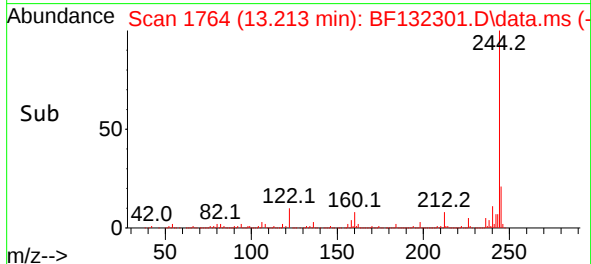


#79
 Terphenyl-d14
 Concen: 119.682 ng
 RT: 13.213 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132301.D
 Acq: 02 Feb 2023 20:11

Instrument :
 BNA_F
 ClientSampleId :
 JPP-6-013123



Tgt Ion:244 Resp: 1925386
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 10.2 10.5 15.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.860 min Scan# 2214
 Delta R.T. -0.012 min
 Lab File: BF132301.D
 Acq: 02 Feb 2023 20:11

Tgt Ion:264 Resp: 364981
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.4
 265 21.4 17.4 26.2

