

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132302.D
 Acq On : 02 Feb 2023 20:43
 Operator : CG\JU
 Sample : 01386-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-14-013123

Quant Time: Feb 03 00:25:58 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)

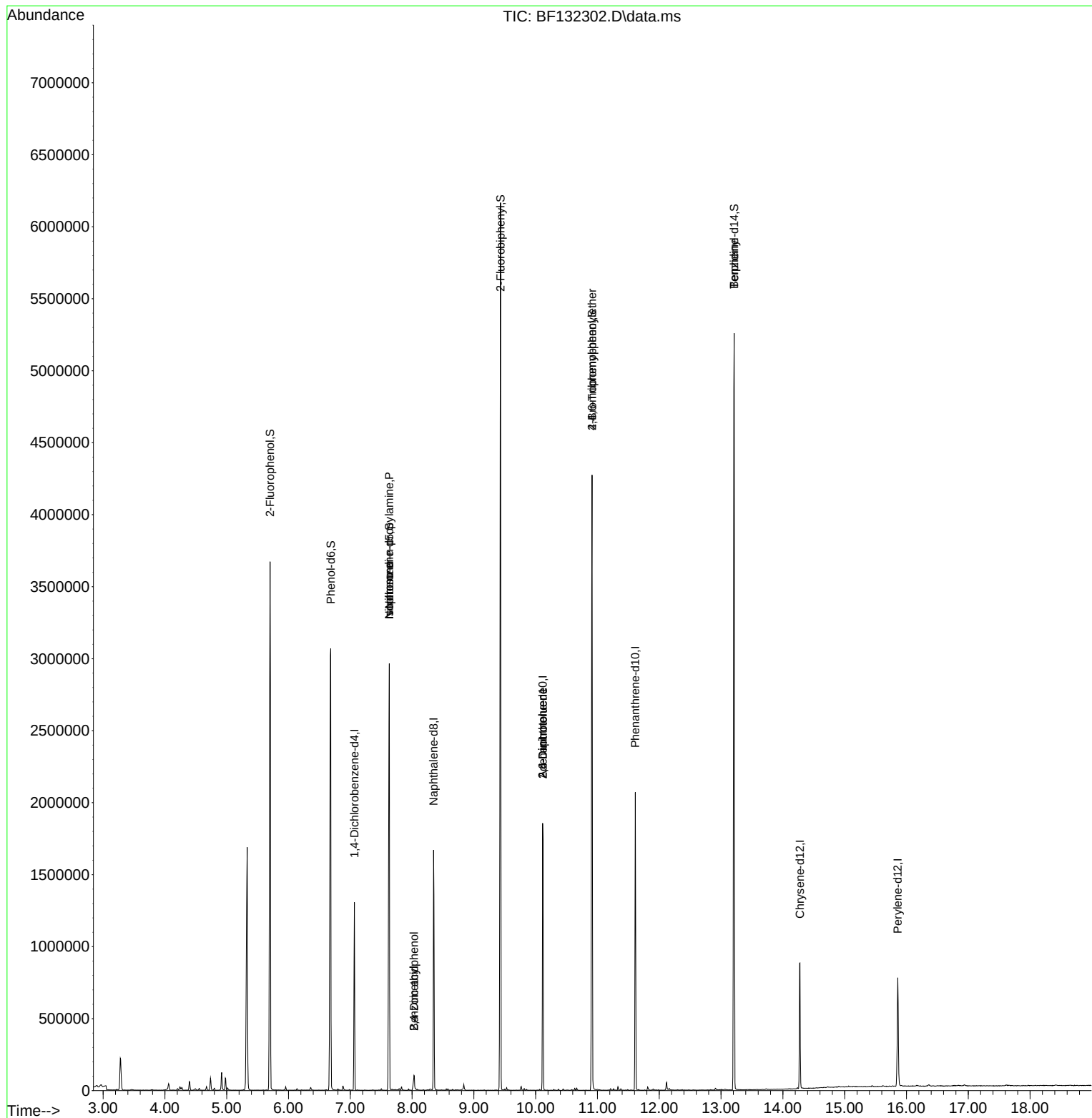
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	191393	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	729613	20.000	ng	-0.01
39) Acenaphthene-d10	10.113	164	382344	20.000	ng	-0.01
64) Phenanthrene-d10	11.613	188	693281	20.000	ng	-0.01
76) Chrysene-d12	14.277	240	316175	20.000	ng	-0.01
86) Perylene-d12	15.860	264	347040	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	1312941	110.266	ng	0.02
7) Phenol-d6	6.684	99	1508190	102.740	ng	0.00
23) Nitrobenzene-d5	7.631	82	1079479	82.331	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	585484	148.907	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1911631	77.209	ng	0.00
79) Terphenyl-d14	13.213	244	2010140	122.984	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.619	77	194	Below Cal	#	84
19) n-Nitroso-di-n-propyla...	7.631	70	134374	16.115	ng	# 76
25) Isophorone	7.631	82	1079467	43.377	ng	# 64
27) 2,4-Dimethylphenol	8.031	122	34940	3.060	ng	# 4
32) Benzoic acid	8.031	122	34940	4.133	ng	# 91
51) 2,6-Dinitrotoluene	10.113	165	49664	8.314	ng	# 25
57) 2,4-Dinitrotoluene	10.113	165	49664	6.401	ng	# 23
67) 4-Bromophenyl-phenylether	10.913	248	33211	4.678	ng	# 1
77) Benzidine	13.213	184	31855	2.882	ng	# 95

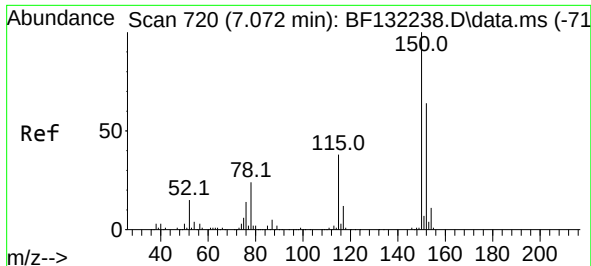
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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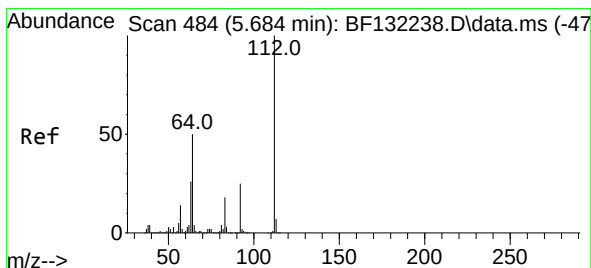
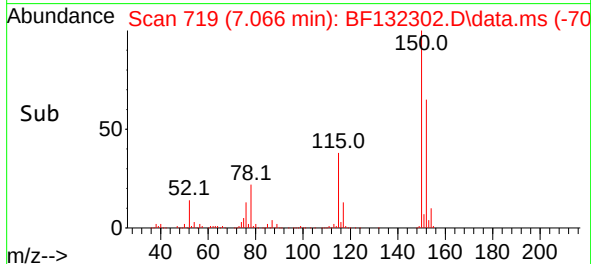
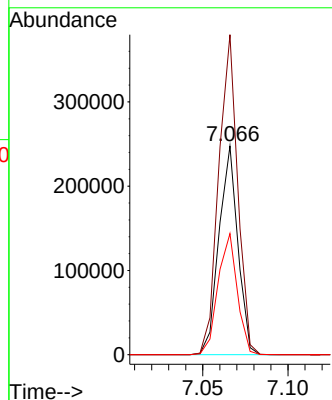
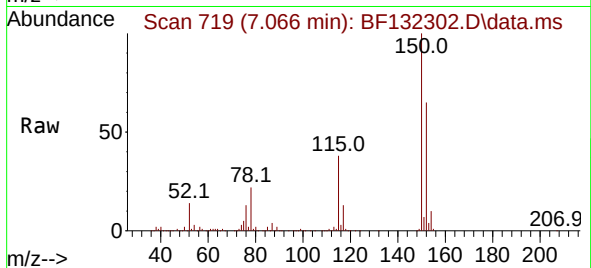




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132302.D
Acq: 02 Feb 2023 20:43

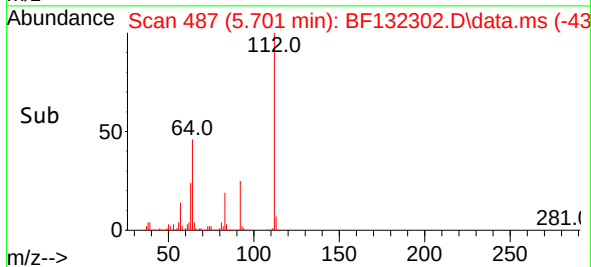
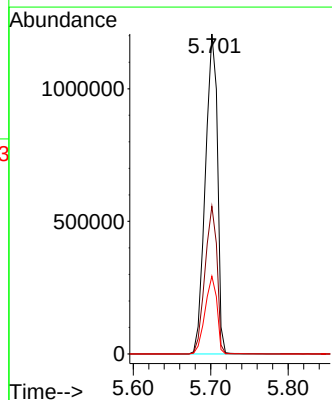
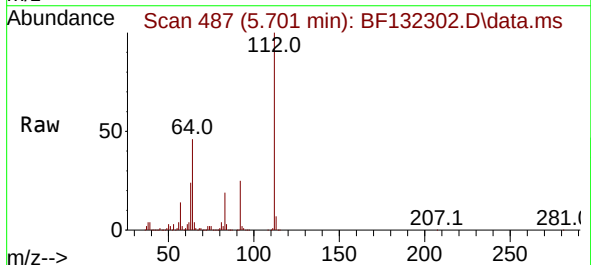
Instrument :
BNA_F
ClientSampleId :
JPP-14-013123

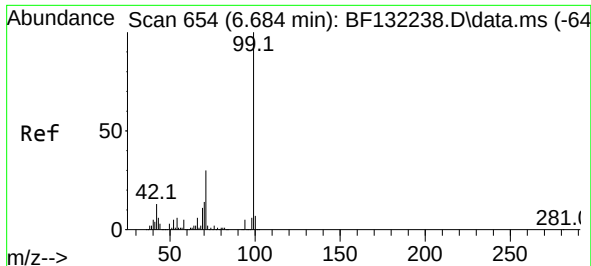
Tgt Ion:152 Resp: 191393
Ion Ratio Lower Upper
152 100
150 153.4 124.2 186.2
115 58.1 47.3 70.9



#5
2-Fluorophenol
Concen: 110.266 ng
RT: 5.701 min Scan# 487
Delta R.T. 0.017 min
Lab File: BF132302.D
Acq: 02 Feb 2023 20:43

Tgt Ion:112 Resp: 1312941
Ion Ratio Lower Upper
112 100
64 46.1 40.0 60.0
63 24.3 20.5 30.7

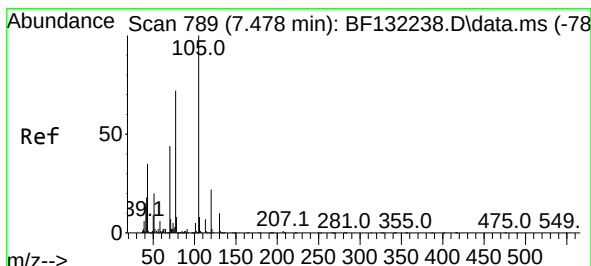
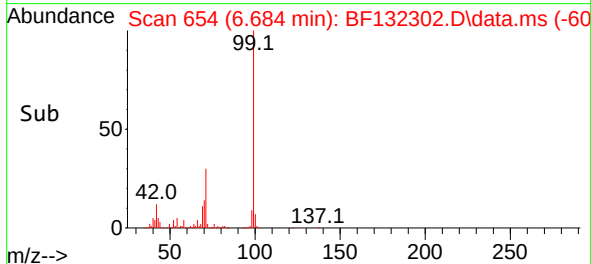
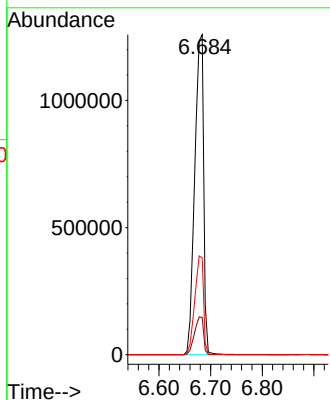
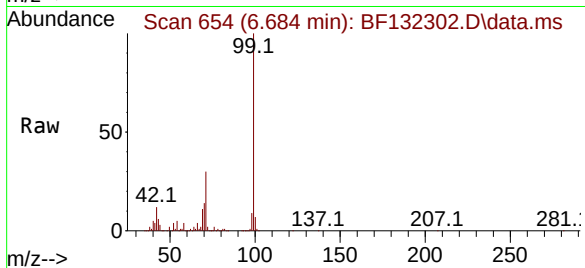




#7
Phenol-d6
Concen: 102.740 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132302.D
Acq: 02 Feb 2023 20:43

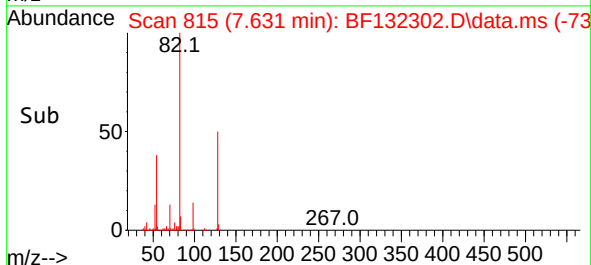
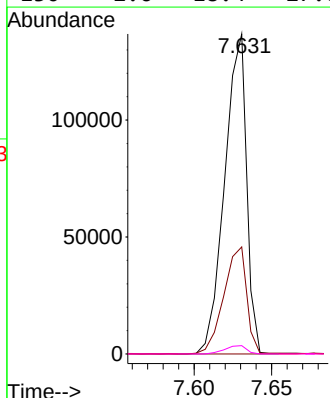
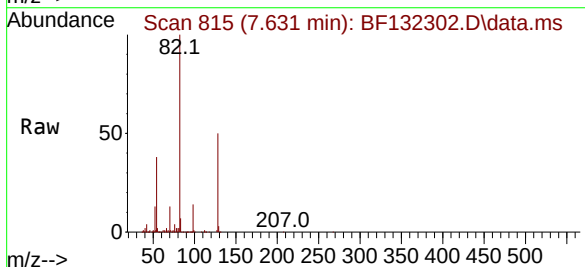
Instrument :
BNA_F
ClientSampleId :
JPP-14-013123

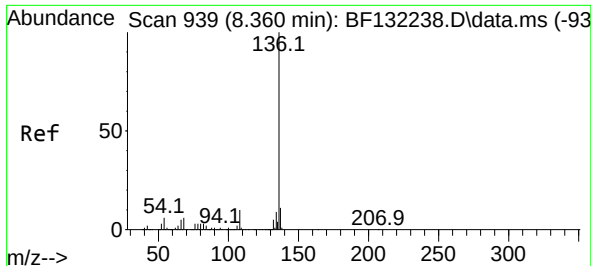
Tgt Ion: 99 Resp: 1508190
Ion Ratio Lower Upper
99 100
42 11.6 10.1 15.1
71 30.3 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.115 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132302.D
Acq: 02 Feb 2023 20:43

Tgt Ion: 70 Resp: 134374
Ion Ratio Lower Upper
70 100
42 33.5 33.4 50.0
101 0.0 8.2 12.4#
130 2.6 18.4 27.6#



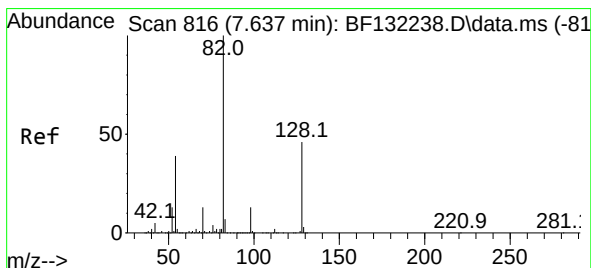
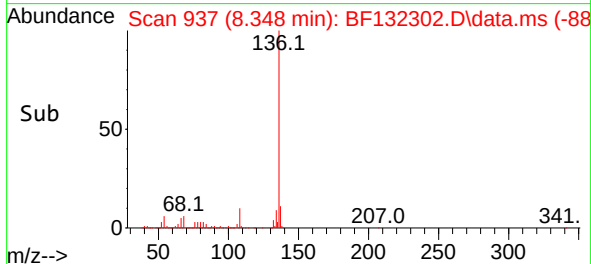
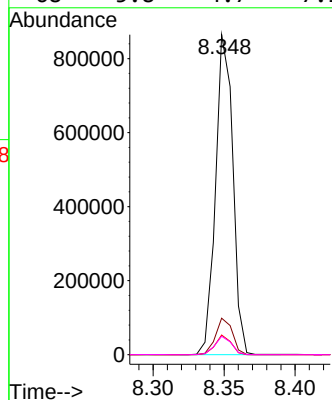
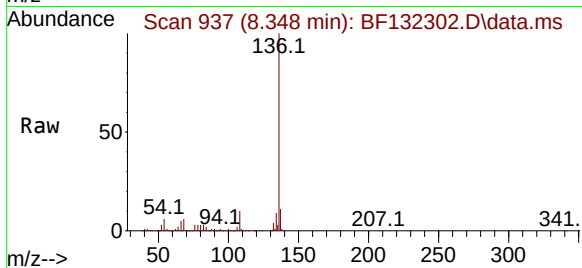


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.348 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF132302.D
Acq: 02 Feb 2023 20:43

Instrument :
BNA_F
ClientSampleId :
JPP-14-013123

Tgt Ion:136 Resp: 729613

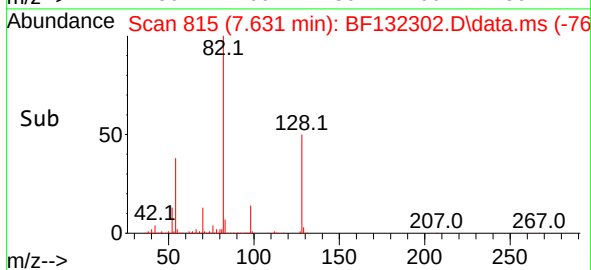
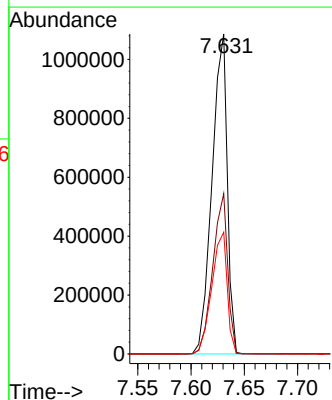
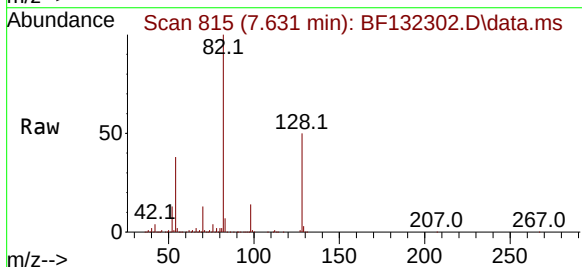
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	6.1	4.9	7.3
68	5.8	4.7	7.1

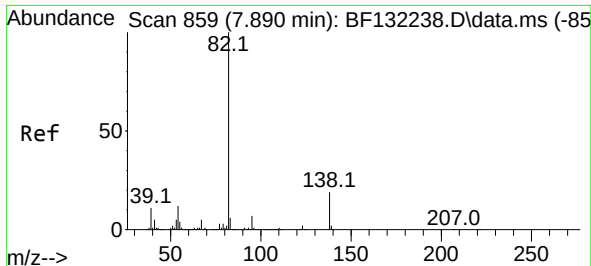


#23
Nitrobenzene-d5
Concen: 82.331 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132302.D
Acq: 02 Feb 2023 20:43

Tgt Ion: 82 Resp: 1079479

Ion	Ratio	Lower	Upper
82	100		
128	50.1	37.0	55.4
54	38.1	31.5	47.3

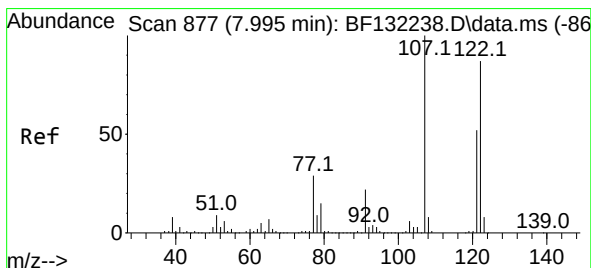
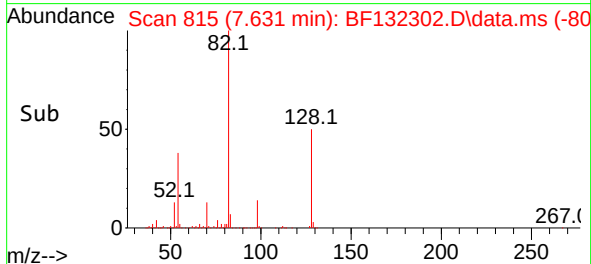
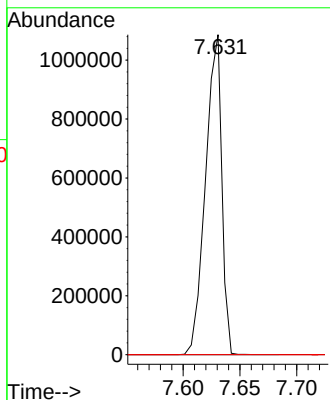
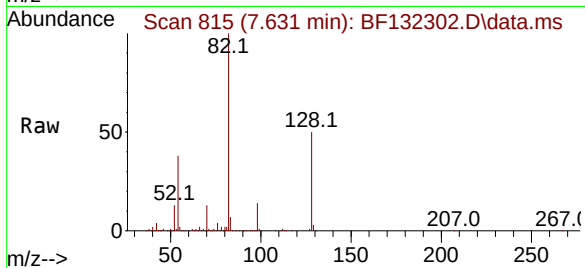




#25
Isophorone
Concen: 43.377 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132302.D
Acq: 02 Feb 2023 20:43

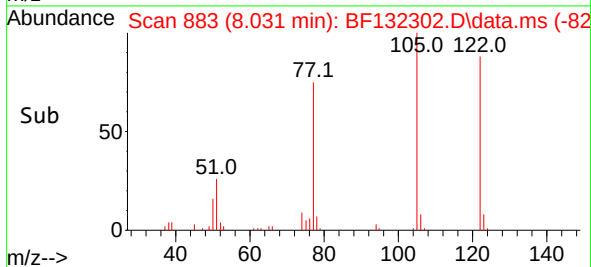
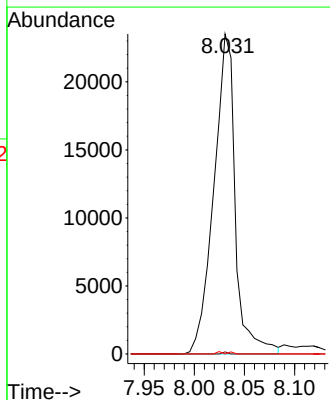
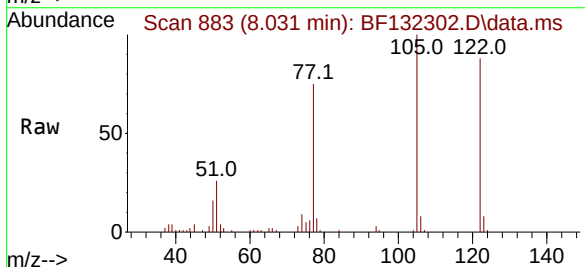
Instrument :
BNA_F
ClientSampleId :
JPP-14-013123

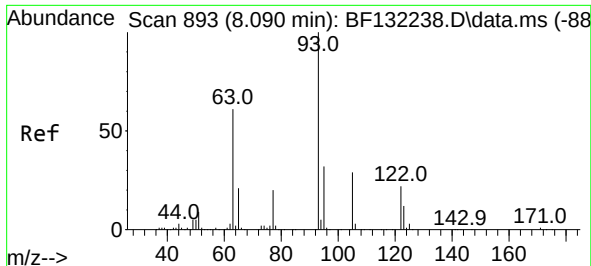
Tgt Ion: 82 Resp: 1079467
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#27
2,4-Dimethylphenol
Concen: 3.060 ng
RT: 8.031 min Scan# 883
Delta R.T. 0.035 min
Lab File: BF132302.D
Acq: 02 Feb 2023 20:43

Tgt Ion:122 Resp: 34940
Ion Ratio Lower Upper
122 100
107 0.6 91.9 137.9#
121 0.0 47.8 71.8#

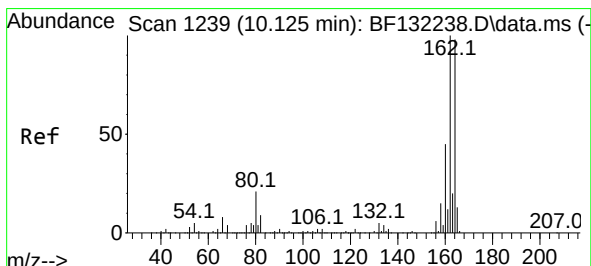
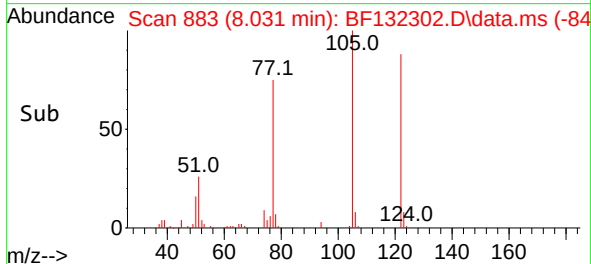
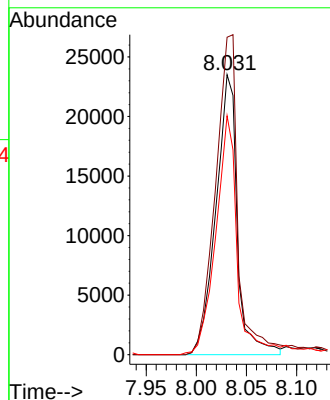
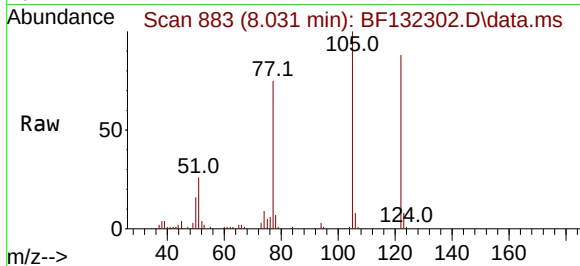




#32
Benzoic acid
Concen: 4.133 ng
RT: 8.031 min Scan# 81
Delta R.T. -0.059 min
Lab File: BF132302.D
Acq: 02 Feb 2023 20:43

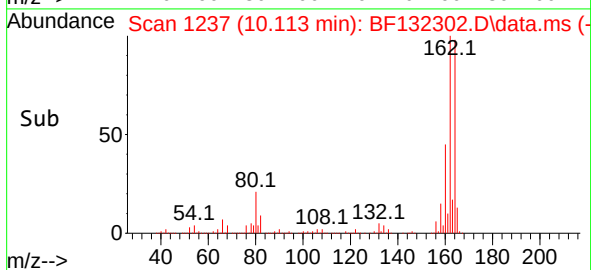
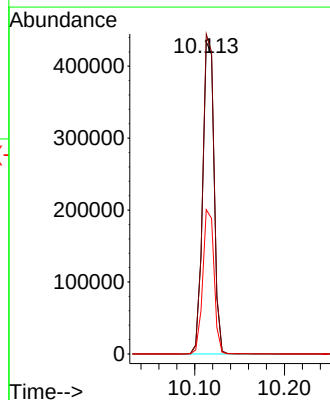
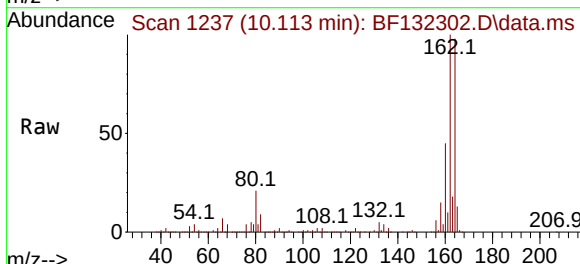
Instrument :
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ClientSampleId :
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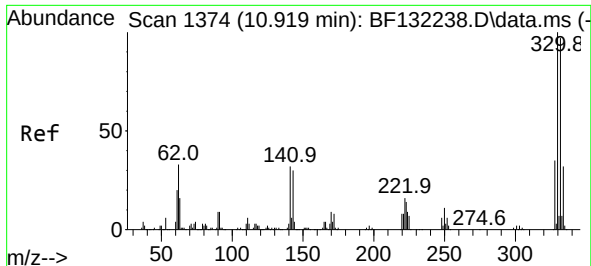
Tgt Ion:122 Resp: 34940
Ion Ratio Lower Upper
122 100
105 113.3 106.3 146.3
77 85.3 70.6 110.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.113 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF132302.D
Acq: 02 Feb 2023 20:43

Tgt Ion:164 Resp: 382344
Ion Ratio Lower Upper
164 100
162 102.5 82.0 123.0
160 46.2 37.1 55.7

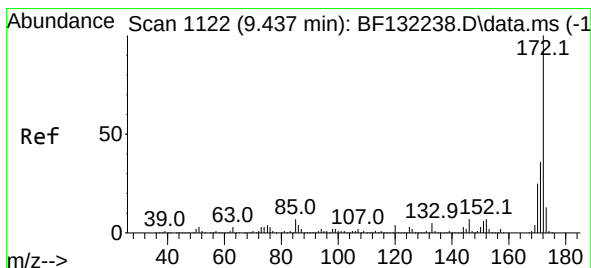
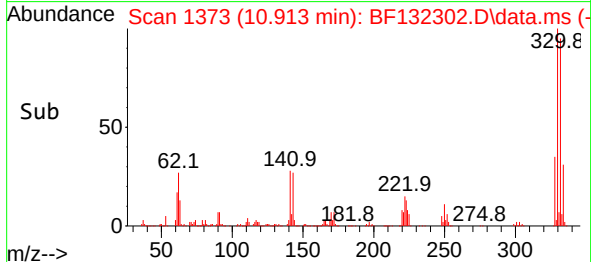
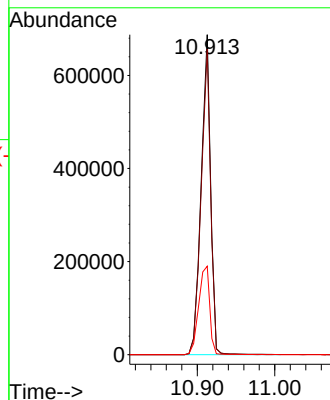
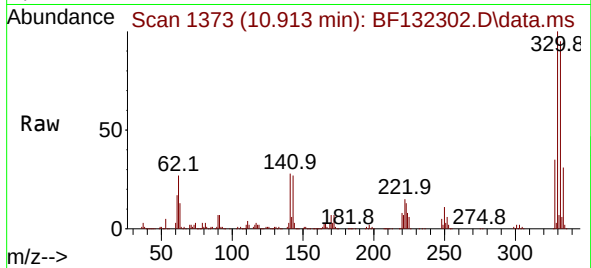




#42
 2,4,6-Tribromophenol
 Concen: 148.907 ng
 RT: 10.913 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: BF132302.D
 Acq: 02 Feb 2023 20:43

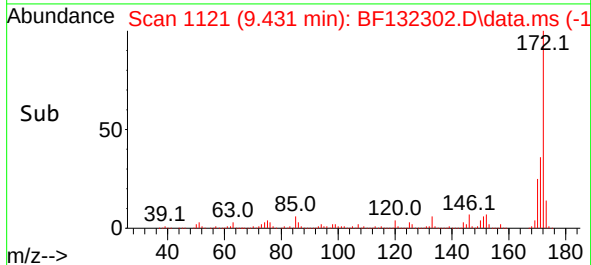
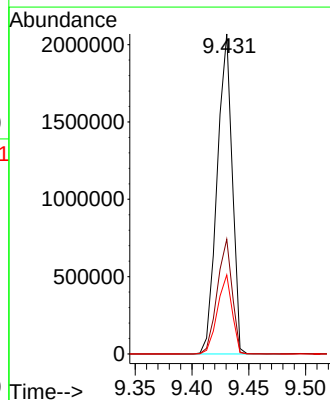
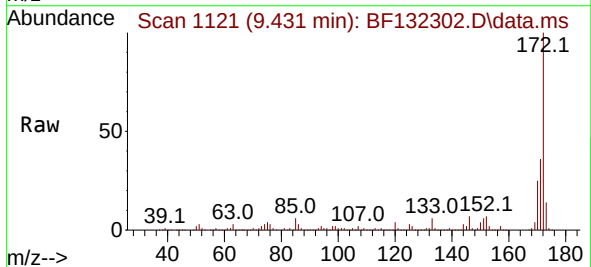
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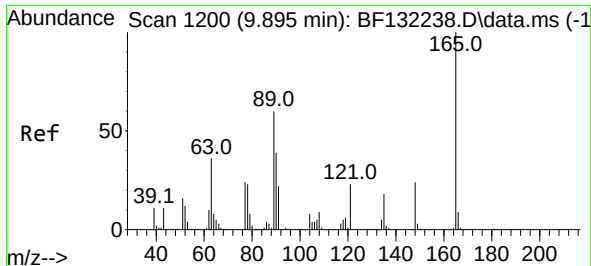
Tgt Ion:330 Resp: 585484
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.9 116.9
 141 32.1 31.0 46.4



#45
 2-Fluorobiphenyl
 Concen: 77.209 ng
 RT: 9.431 min Scan# 1121
 Delta R.T. -0.006 min
 Lab File: BF132302.D
 Acq: 02 Feb 2023 20:43

Tgt Ion:172 Resp: 1911631
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 24.7 19.7 29.5

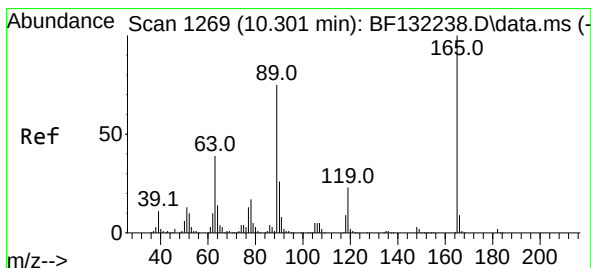
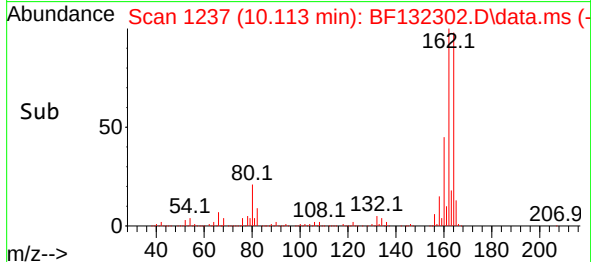
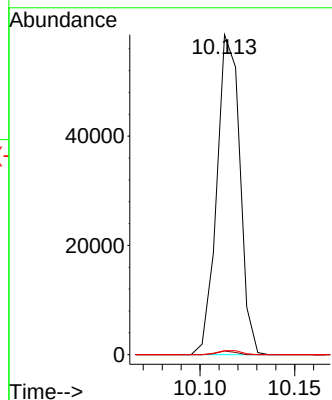
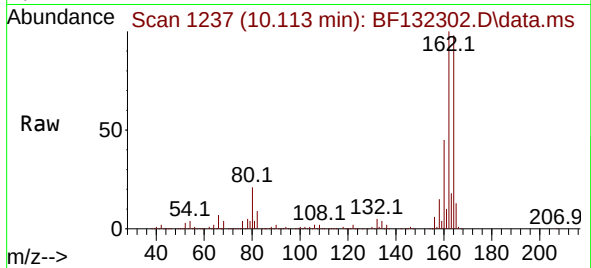




#51
2,6-Dinitrotoluene
Concen: 8.314 ng
RT: 10.113 min Scan# 1237
Delta R.T. 0.218 min
Lab File: BF132302.D
Acq: 02 Feb 2023 20:43

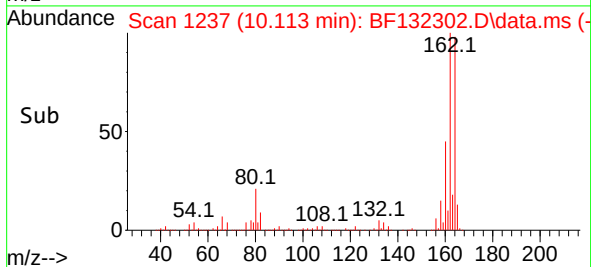
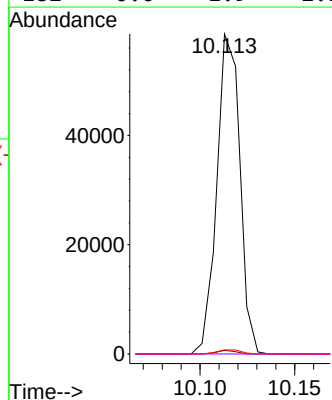
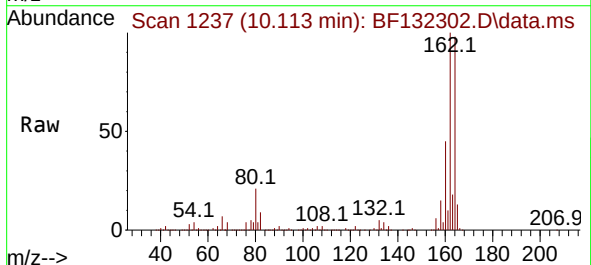
Instrument :
BNA_F
ClientSampleId :
JPP-14-013123

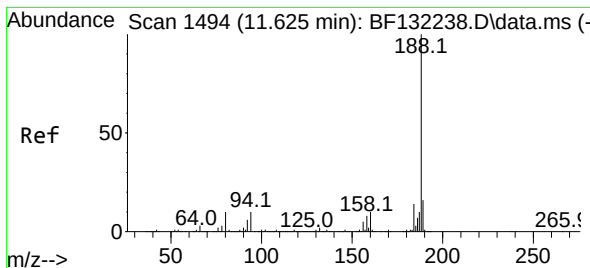
Tgt Ion:165 Resp: 49664
Ion Ratio Lower Upper
165 100
63 1.1 41.5 62.3#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.401 ng
RT: 10.113 min Scan# 1237
Delta R.T. -0.188 min
Lab File: BF132302.D
Acq: 02 Feb 2023 20:43

Tgt Ion:165 Resp: 49664
Ion Ratio Lower Upper
165 100
63 1.1 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: BF132302.D

Acq: 02 Feb 2023 20:43

Instrument :

BNA_F

ClientSampleId :

JPP-14-013123

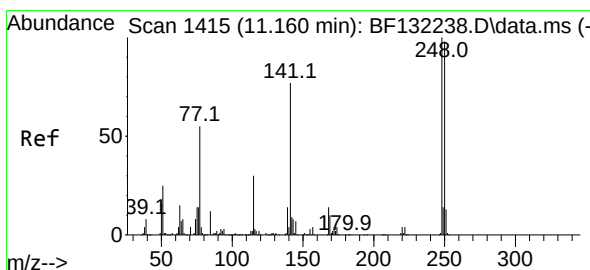
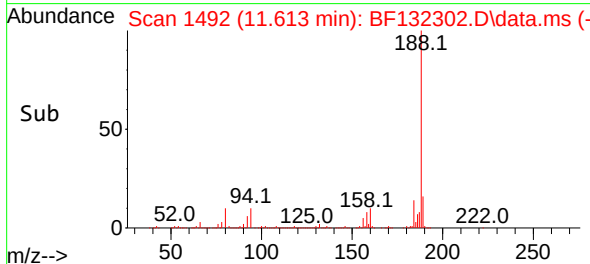
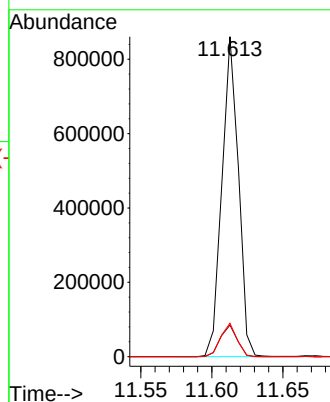
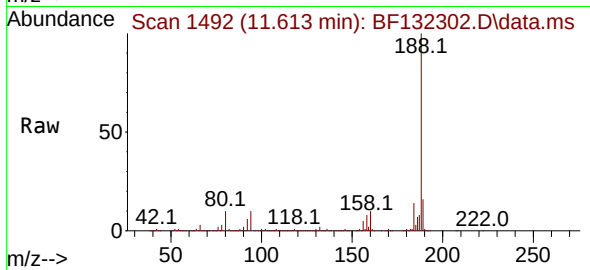
Tgt Ion:188 Resp: 693281

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

80 10.4 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.678 ng

RT: 10.913 min Scan# 1373

Delta R.T. -0.247 min

Lab File: BF132302.D

Acq: 02 Feb 2023 20:43

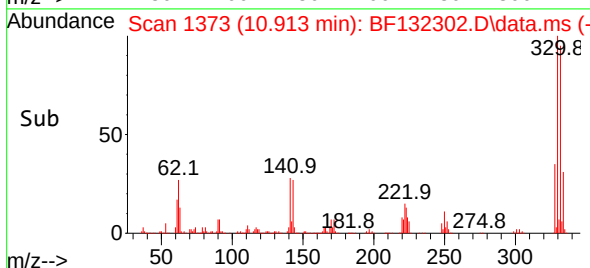
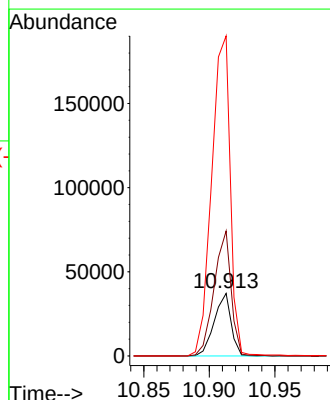
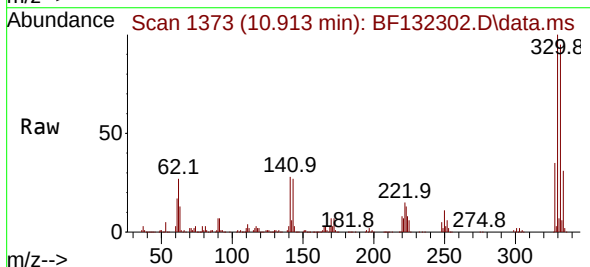
Tgt Ion:248 Resp: 33211

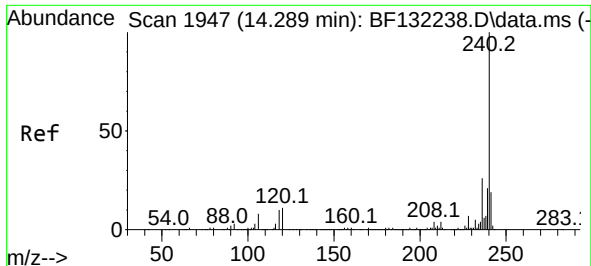
Ion Ratio Lower Upper

248 100

250 199.6 78.6 117.8#

141 511.1 61.6 92.4#

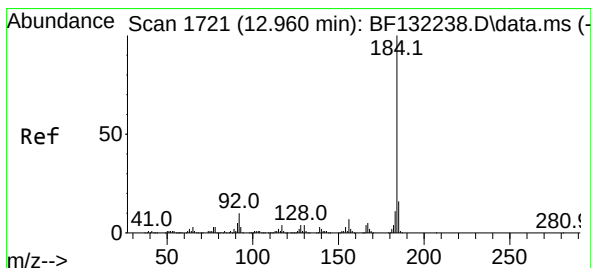
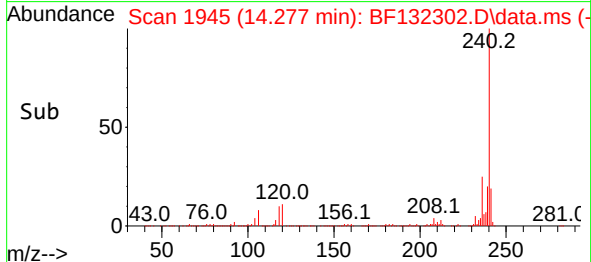
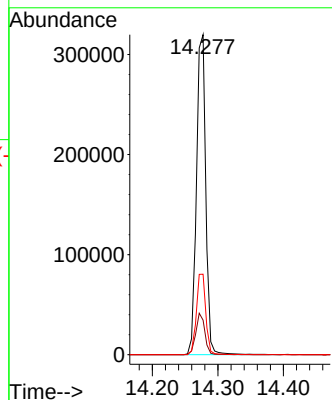
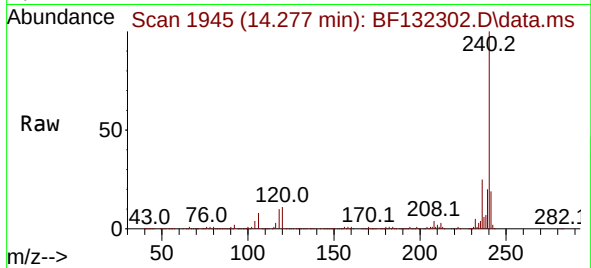




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132302.D
Acq: 02 Feb 2023 20:43

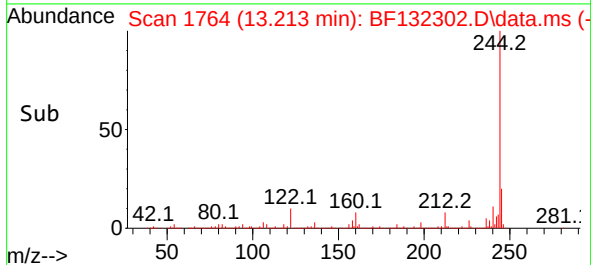
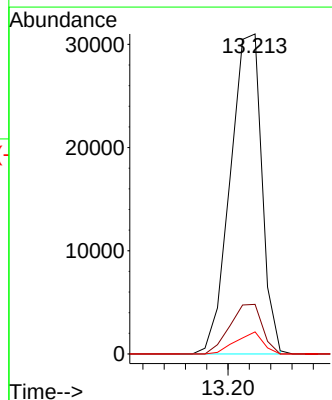
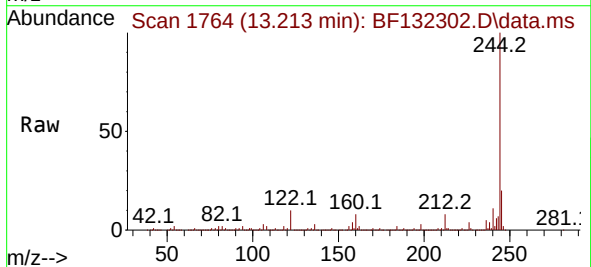
Instrument :
BNA_F
ClientSampleId :
JPP-14-013123

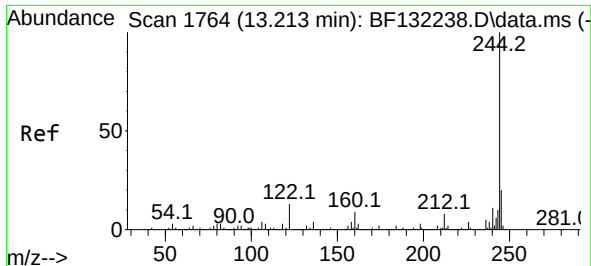
Tgt Ion:240 Resp: 316175
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 25.2 21.0 31.6



#77
Benzidine
Concen: 2.882 ng
RT: 13.213 min Scan# 1764
Delta R.T. 0.253 min
Lab File: BF132302.D
Acq: 02 Feb 2023 20:43

Tgt Ion:184 Resp: 31855
Ion Ratio Lower Upper
184 100
185 15.5 12.6 18.8
183 6.9 8.9 13.3#

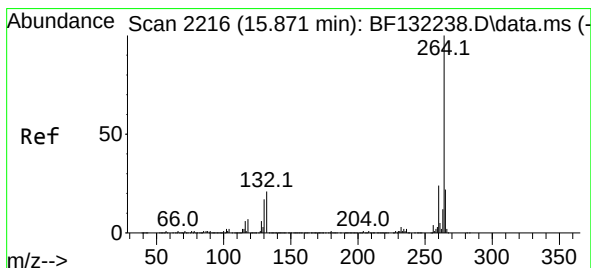
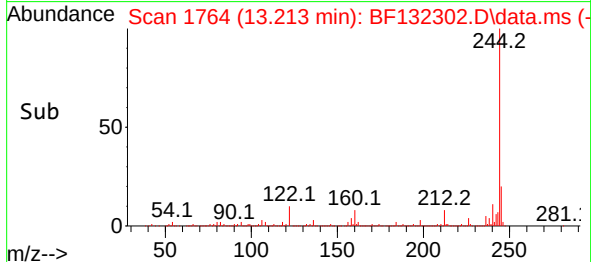
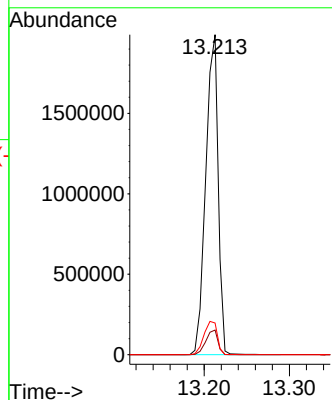
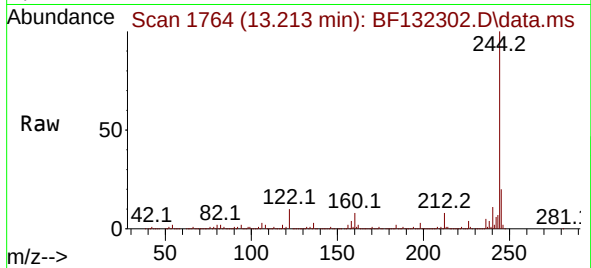




#79
 Terphenyl-d14
 Concen: 122.984 ng
 RT: 13.213 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132302.D
 Acq: 02 Feb 2023 20:43

Instrument :
 BNA_F
 ClientSampleId :
 JPP-14-013123

Tgt Ion:244 Resp: 2010140
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 9.9 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: BF132302.D
 Acq: 02 Feb 2023 20:43

Tgt Ion:264 Resp: 347040
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 22.2 17.4 26.2

