

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132303.D
 Acq On : 02 Feb 2023 21:16
 Operator : CG\JU
 Sample : 01386-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-15-013123

Quant Time: Feb 03 00:26:17 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)

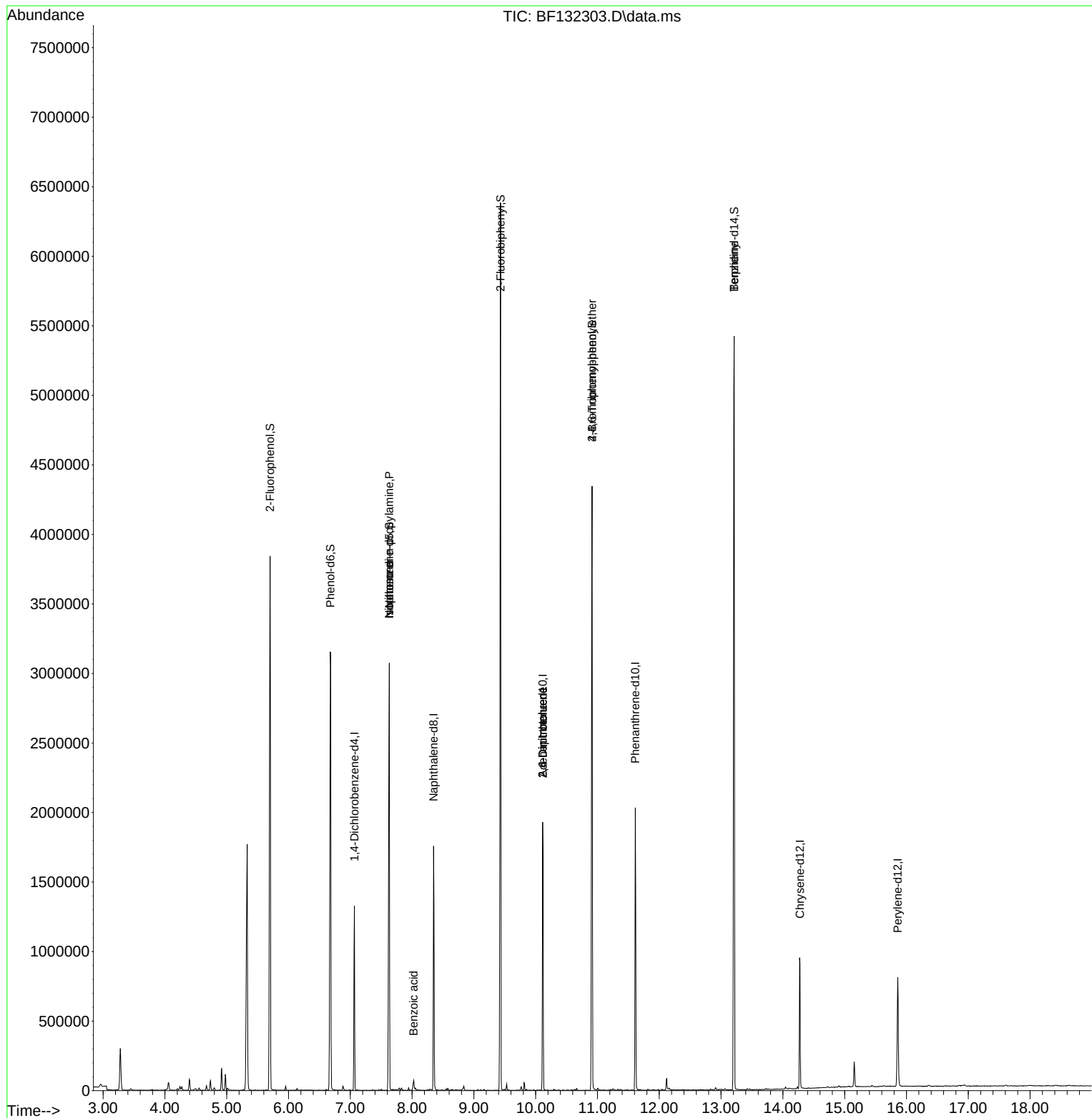
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	195982	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	756355	20.000	ng	-0.01
39) Acenaphthene-d10	10.113	164	392406	20.000	ng	-0.01
64) Phenanthrene-d10	11.613	188	720835	20.000	ng	-0.01
76) Chrysene-d12	14.277	240	326776	20.000	ng	-0.01
86) Perylene-d12	15.860	264	368606	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	1372887	112.601	ng	0.02
7) Phenol-d6	6.678	99	1540602	102.491	ng	0.00
23) Nitrobenzene-d5	7.631	82	1125110	82.778	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	603040	149.439	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1972127	77.610	ng	0.00
79) Terphenyl-d14	13.213	244	2039992	120.761	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.619	77	248	Below Cal	#	59
19) n-Nitroso-di-n-propyla...	7.631	70	140457	16.450	ng	# 76
25) Isophorone	7.631	82	1125095	43.612	ng	# 64
32) Benzoic acid	8.025	122	21686	2.475	ng	94
51) 2,6-Dinitrotoluene	10.113	165	51211	8.354	ng	# 25
57) 2,4-Dinitrotoluene	10.113	165	51211	6.431	ng	# 23
67) 4-Bromophenyl-phenylether	10.913	248	34428	4.664	ng	# 1
77) Benzidine	13.213	184	31641	2.770	ng	# 95

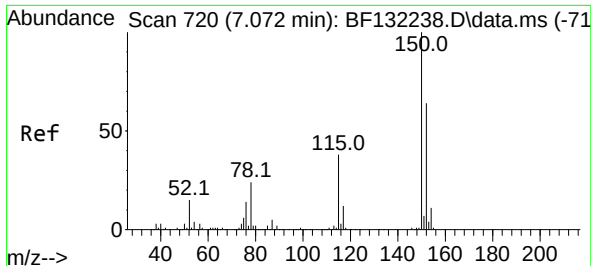
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 03 00:26:17 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
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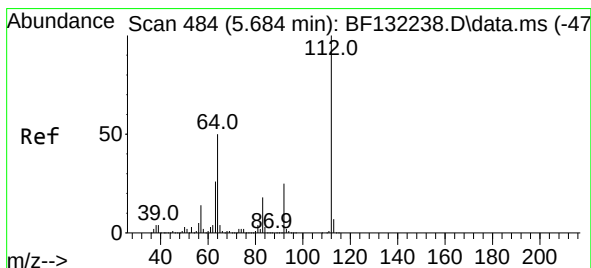
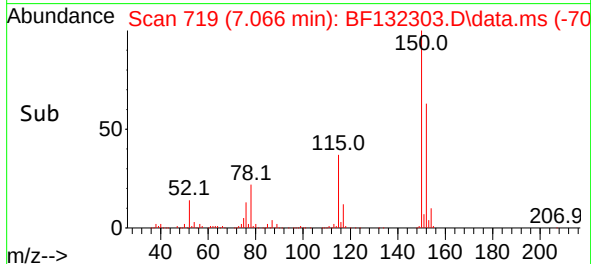
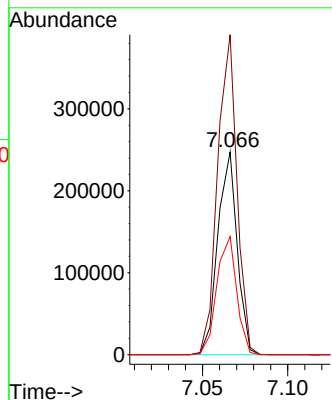
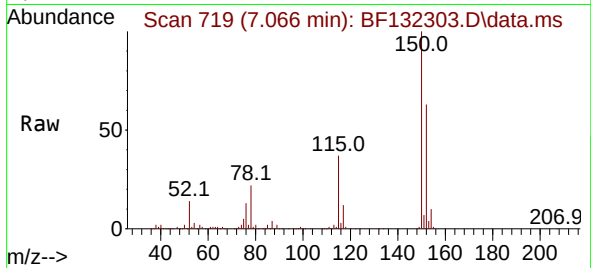




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132303.D
Acq: 02 Feb 2023 21:16

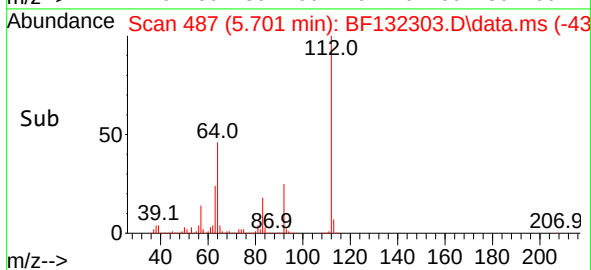
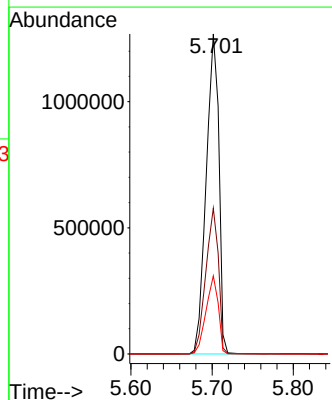
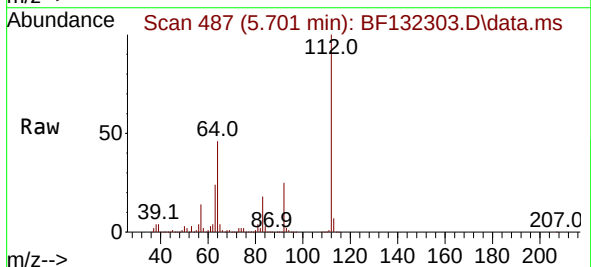
Instrument :
BNA_F
ClientSampleId :
JPP-15-013123

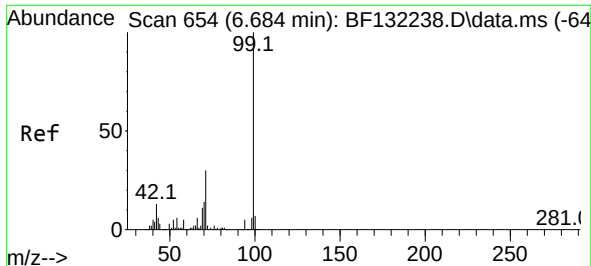
Tgt Ion:152 Resp: 195982
Ion Ratio Lower Upper
152 100
150 157.8 124.2 186.2
115 58.2 47.3 70.9



#5
2-Fluorophenol
Concen: 112.601 ng
RT: 5.701 min Scan# 487
Delta R.T. 0.018 min
Lab File: BF132303.D
Acq: 02 Feb 2023 21:16

Tgt Ion:112 Resp: 1372887
Ion Ratio Lower Upper
112 100
64 45.5 40.0 60.0
63 24.4 20.5 30.7



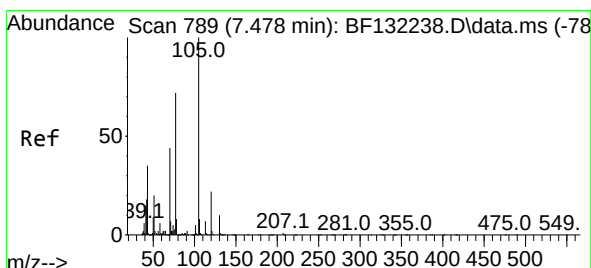
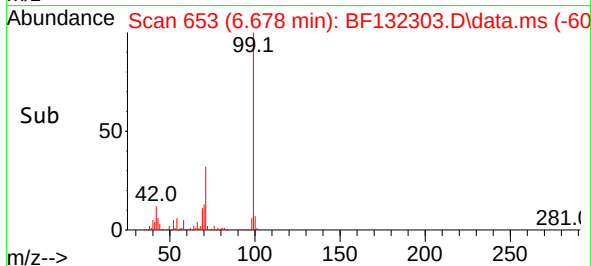
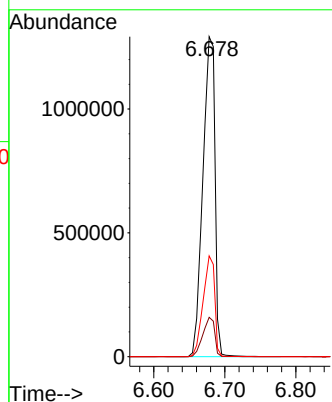
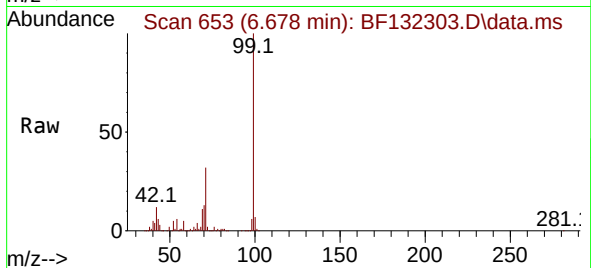


#7
Phenol-d6
Concen: 102.491 ng
RT: 6.678 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132303.D
Acq: 02 Feb 2023 21:16

Instrument :
BNA_F
ClientSampleId :
JPP-15-013123

Tgt Ion: 99 Resp: 1540602

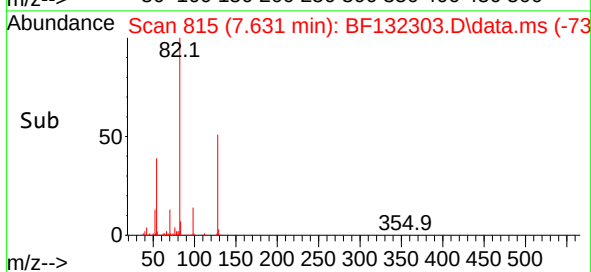
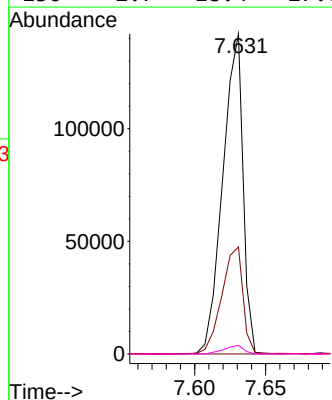
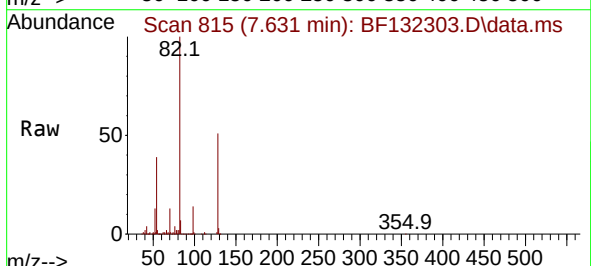
Ion	Ratio	Lower	Upper
99	100		
42	12.3	10.1	15.1
71	31.5	24.2	36.4

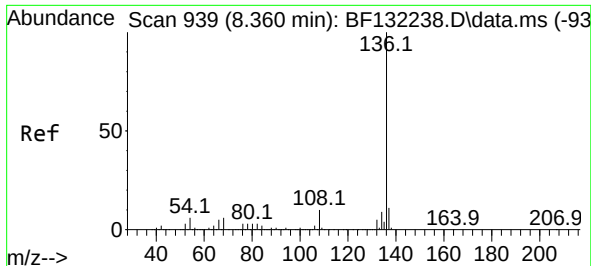


#19
n-Nitroso-di-n-propylamine
Concen: 16.450 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132303.D
Acq: 02 Feb 2023 21:16

Tgt Ion: 70 Resp: 140457

Ion	Ratio	Lower	Upper
70	100		
42	33.5	33.4	50.0
101	0.0	8.2	12.4#
130	2.7	18.4	27.6#

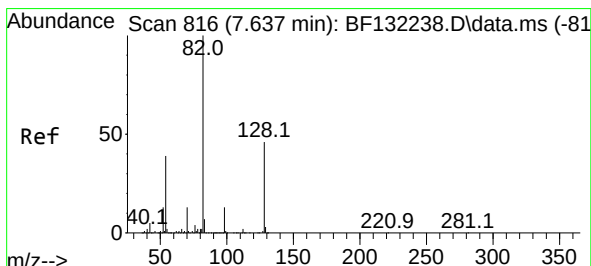
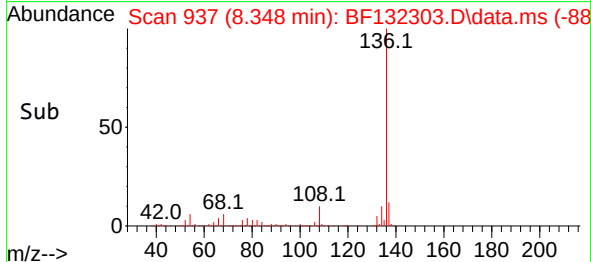
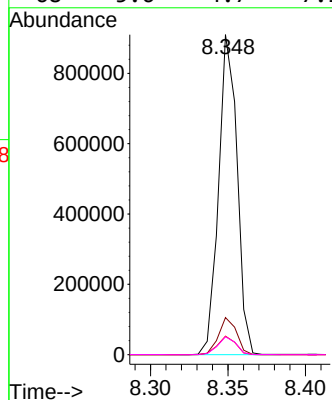
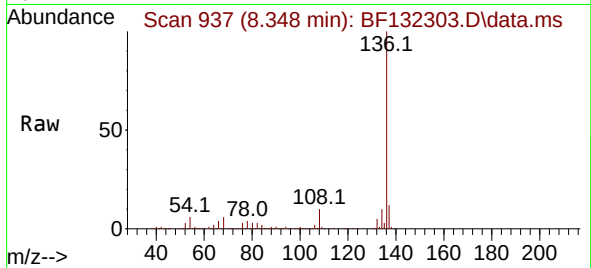




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.348 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF132303.D
Acq: 02 Feb 2023 21:16

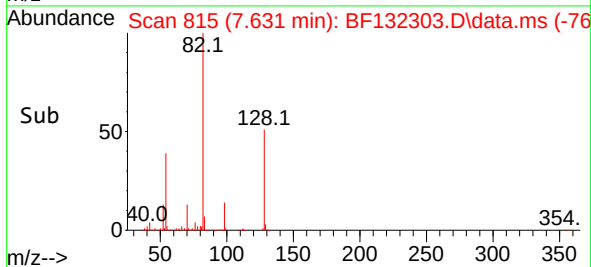
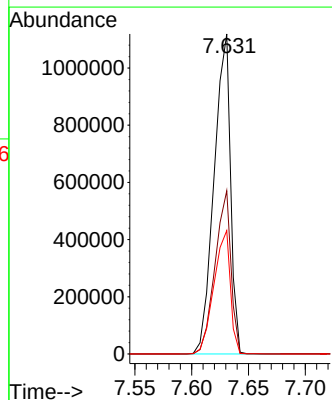
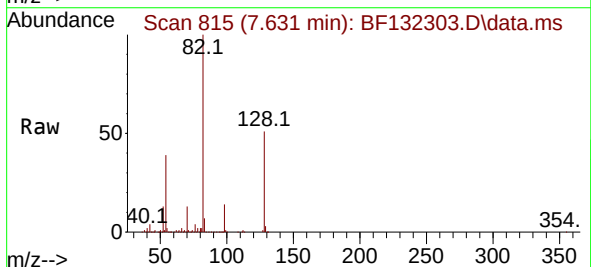
Instrument :
BNA_F
ClientSampleId :
JPP-15-013123

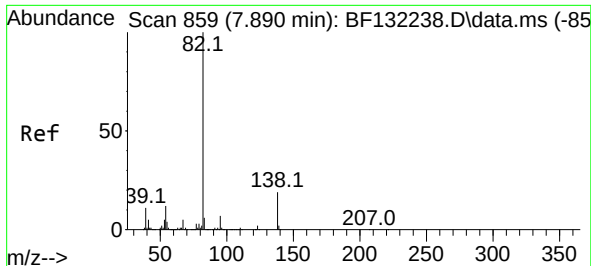
Tgt Ion:136 Resp: 756355
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 5.8 4.9 7.3
68 5.6 4.7 7.1



#23
Nitrobenzene-d5
Concen: 82.778 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132303.D
Acq: 02 Feb 2023 21:16

Tgt Ion: 82 Resp: 1125110
Ion Ratio Lower Upper
82 100
128 51.0 37.0 55.4
54 38.6 31.5 47.3

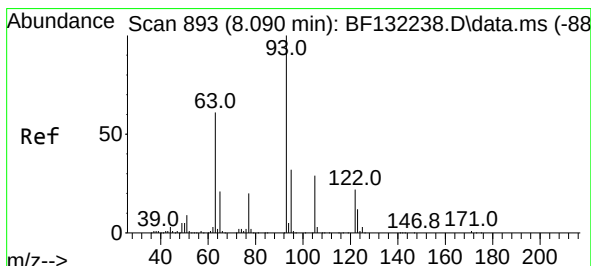
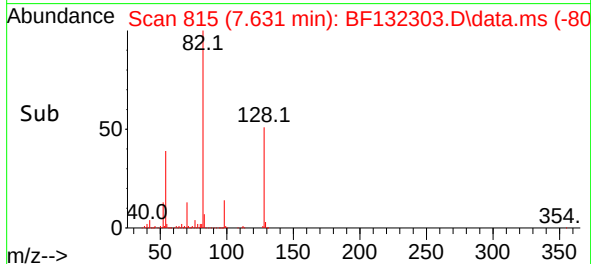
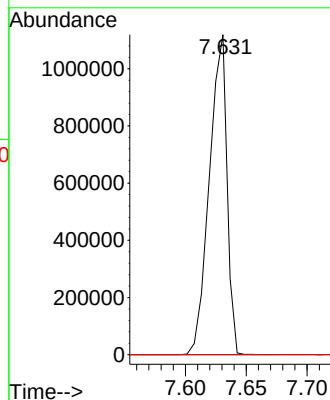
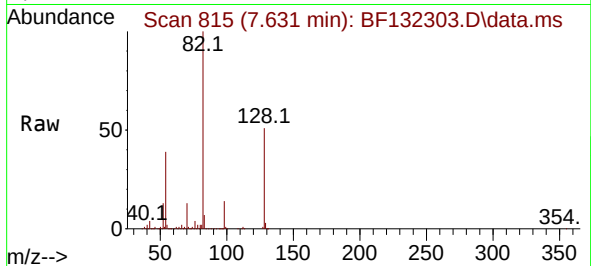




#25
Isophorone
Concen: 43.612 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132303.D
Acq: 02 Feb 2023 21:16

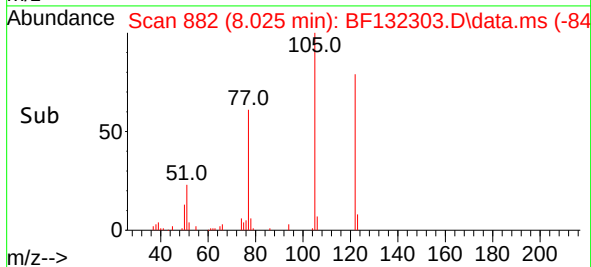
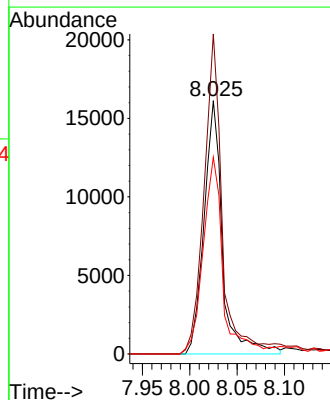
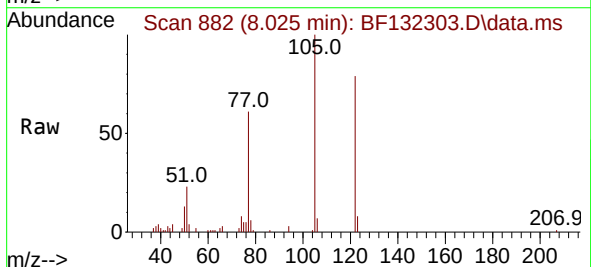
Instrument :
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ClientSampleId :
JPP-15-013123

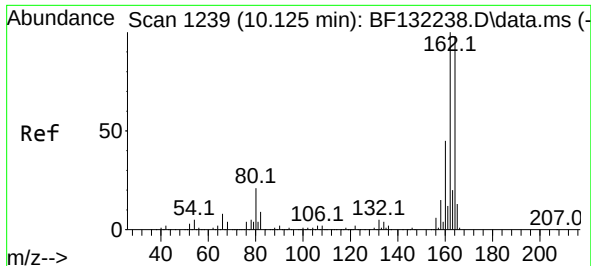
Tgt Ion: 82 Resp: 1125095
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#32
Benzoic acid
Concen: 2.475 ng
RT: 8.025 min Scan# 882
Delta R.T. -0.065 min
Lab File: BF132303.D
Acq: 02 Feb 2023 21:16

Tgt Ion: 122 Resp: 21686
Ion Ratio Lower Upper
122 100
105 126.3 106.3 146.3
77 77.6 70.6 110.6

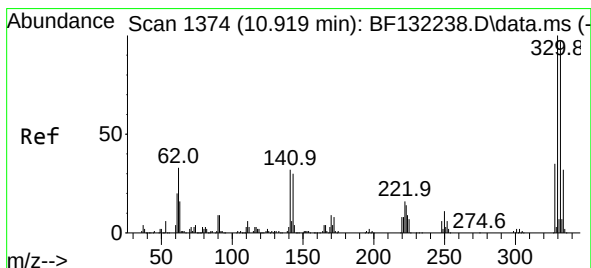
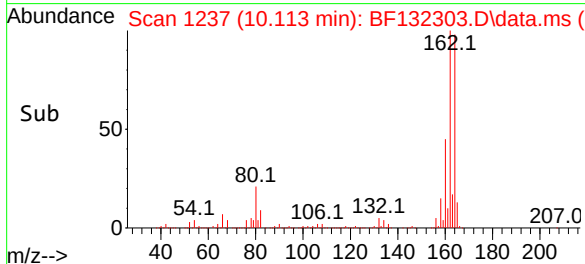
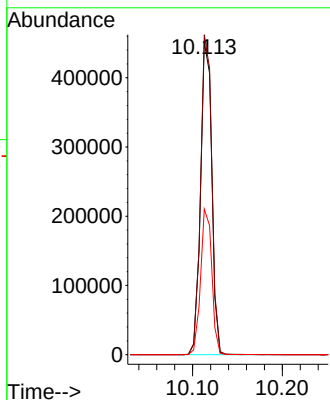
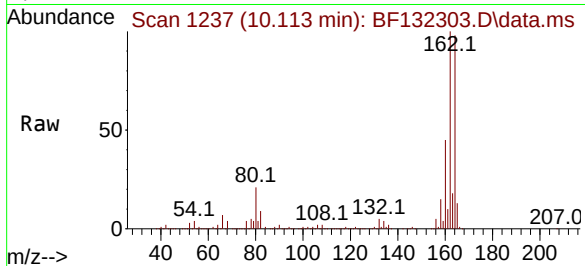




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.113 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF132303.D
Acq: 02 Feb 2023 21:16

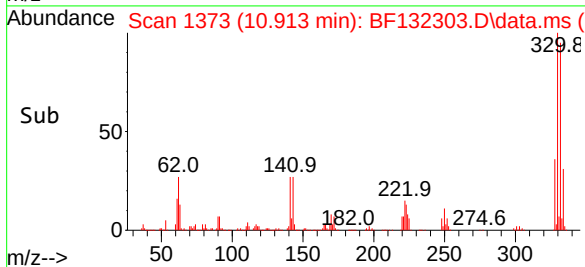
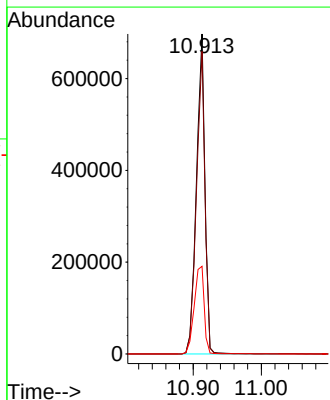
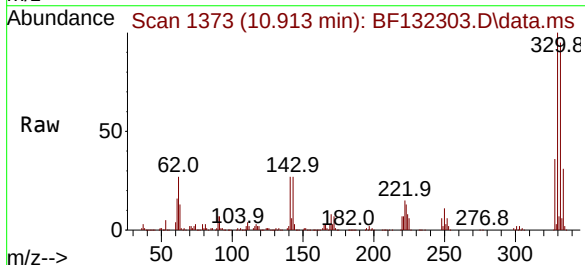
Instrument :
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ClientSampleId :
JPP-15-013123

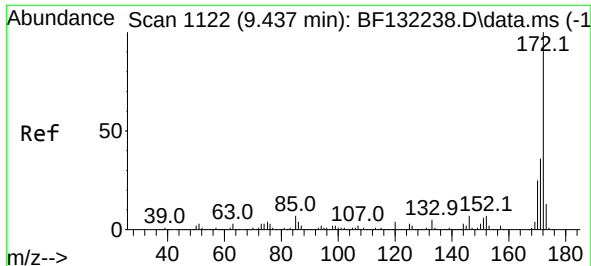
Tgt Ion:164 Resp: 392406
Ion Ratio Lower Upper
164 100
162 102.4 82.0 123.0
160 46.6 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 149.439 ng
RT: 10.913 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BF132303.D
Acq: 02 Feb 2023 21:16

Tgt Ion:330 Resp: 603040
Ion Ratio Lower Upper
330 100
332 94.7 77.9 116.9
141 31.8 31.0 46.4





#45

2-Fluorobiphenyl

Concen: 77.610 ng

RT: 9.431 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BF132303.D

Acq: 02 Feb 2023 21:16

Instrument :

BNA_F

ClientSampleId :

JPP-15-013123

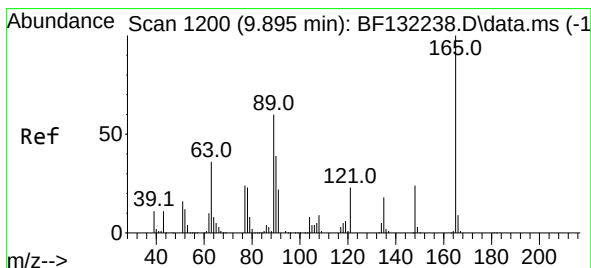
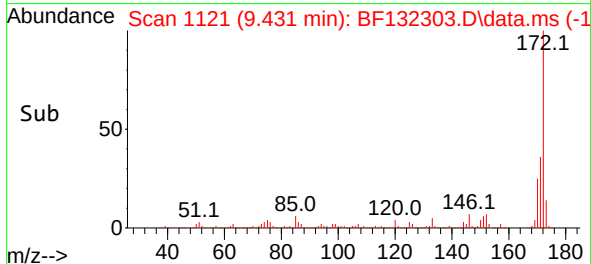
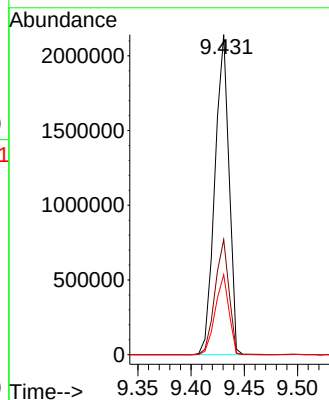
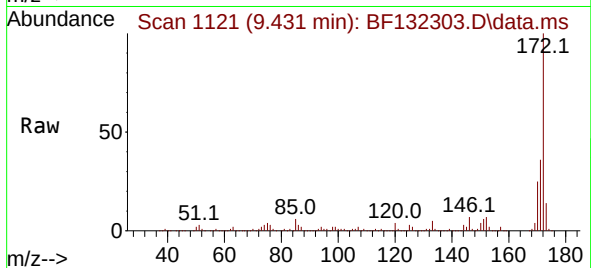
Tgt Ion:172 Resp: 1972127

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 25.0 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 8.354 ng

RT: 10.113 min Scan# 1237

Delta R.T. 0.218 min

Lab File: BF132303.D

Acq: 02 Feb 2023 21:16

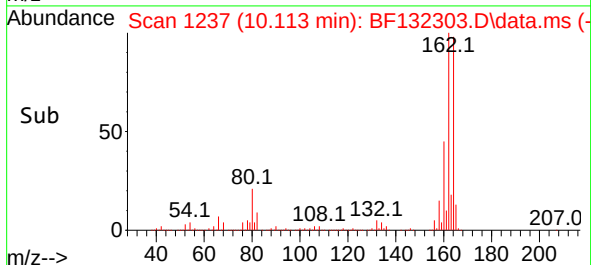
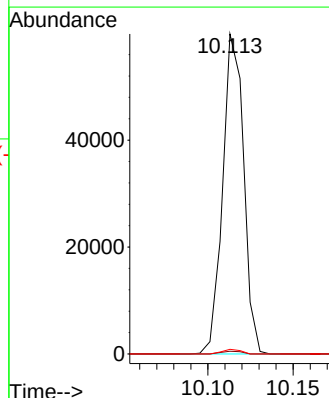
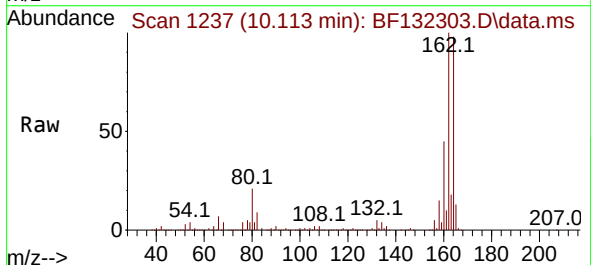
Tgt Ion:165 Resp: 51211

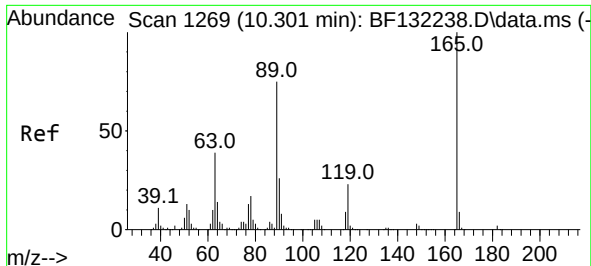
Ion Ratio Lower Upper

165 100

63 0.9 41.5 62.3#

89 1.4 48.1 72.1#

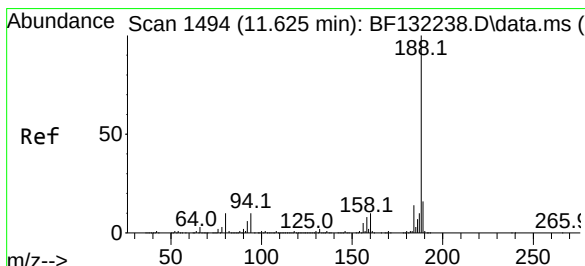
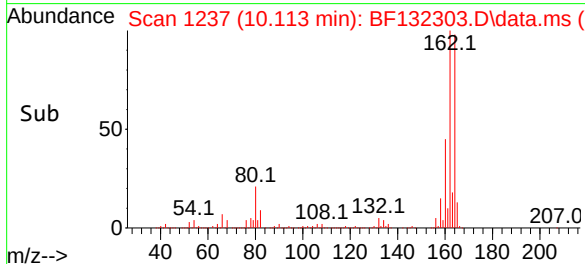
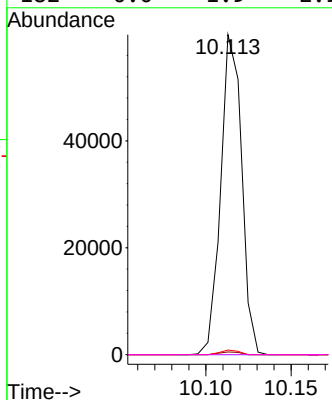
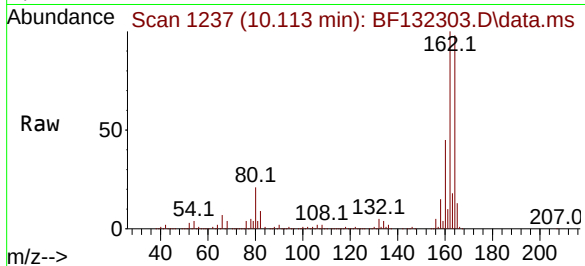




#57
2,4-Dinitrotoluene
Concen: 6.431 ng
RT: 10.113 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132303.D
Acq: 02 Feb 2023 21:16

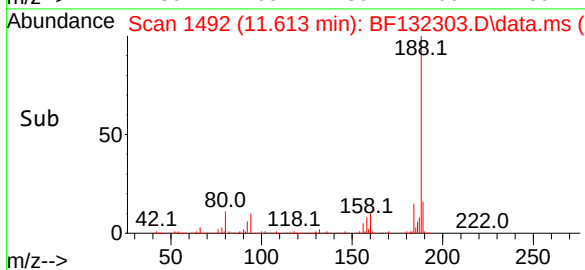
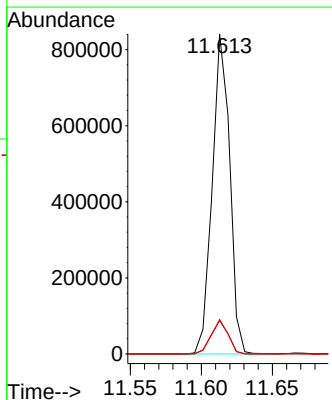
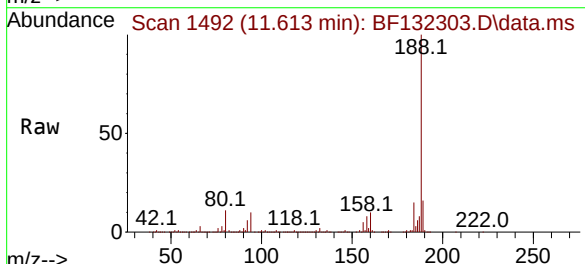
Instrument :
BNA_F
ClientSampleId :
JPP-15-013123

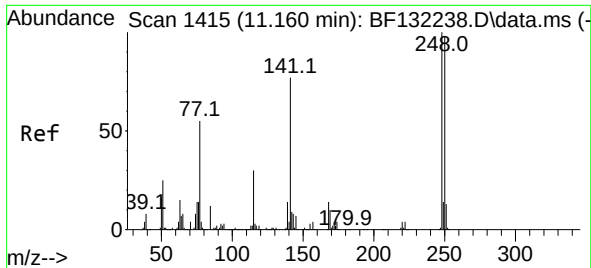
Tgt Ion:165 Resp: 51211
Ion Ratio Lower Upper
165 100
63 0.9 30.9 46.3#
89 1.4 60.1 90.1#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.613 min Scan# 1492
Delta R.T. -0.012 min
Lab File: BF132303.D
Acq: 02 Feb 2023 21:16

Tgt Ion:188 Resp: 720835
Ion Ratio Lower Upper
188 100
94 10.4 8.2 12.2
80 10.7 8.3 12.5

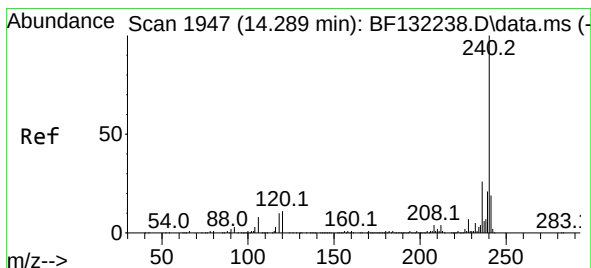
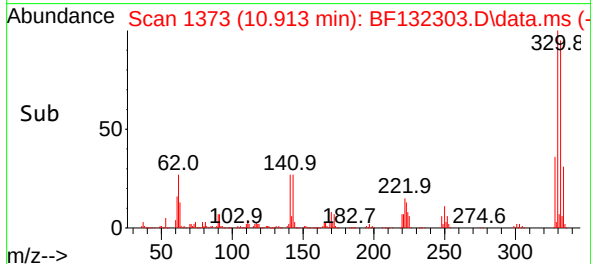
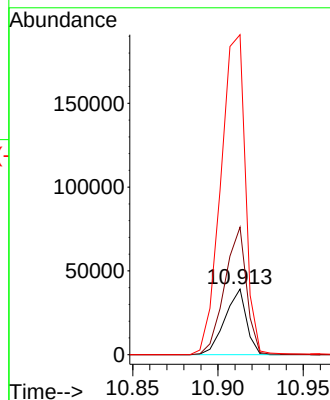
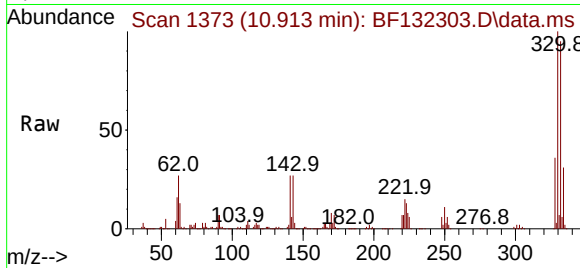




#67
4-Bromophenyl-phenylether
Concen: 4.664 ng
RT: 10.913 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF132303.D
Acq: 02 Feb 2023 21:16

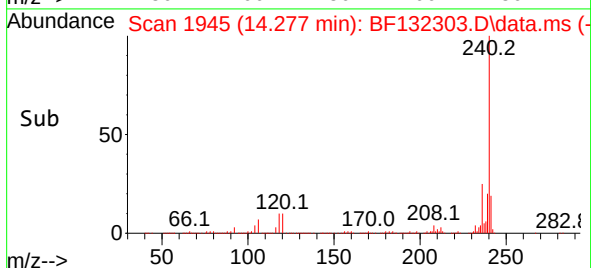
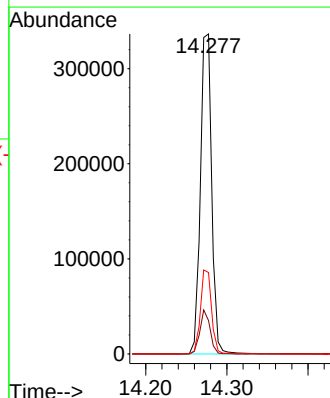
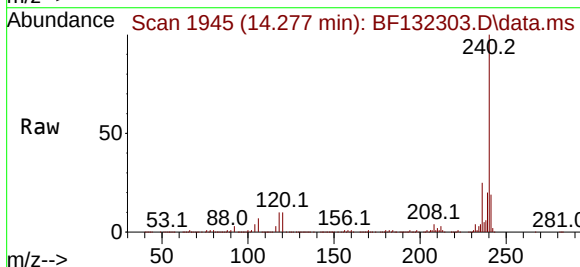
Instrument :
BNA_F
ClientSampleId :
JPP-15-013123

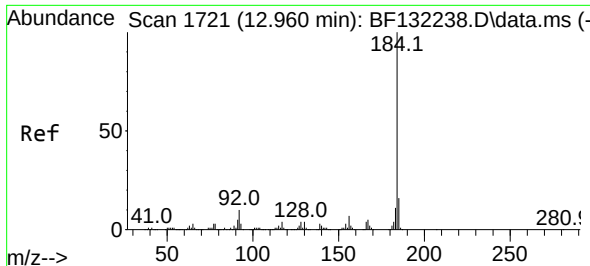
Tgt Ion:248 Resp: 34428
Ion Ratio Lower Upper
248 100
250 194.3 78.6 117.8#
141 487.6 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132303.D
Acq: 02 Feb 2023 21:16

Tgt Ion:240 Resp: 326776
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 25.5 21.0 31.6

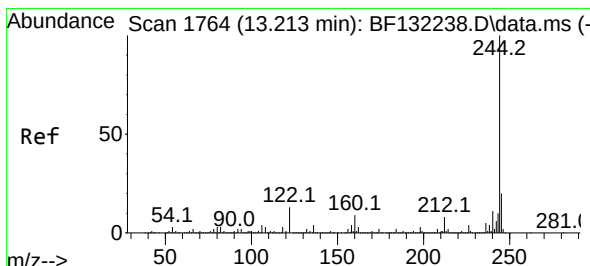
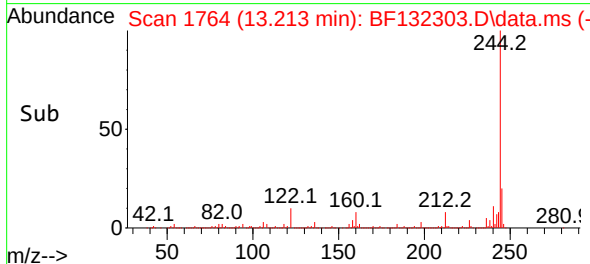
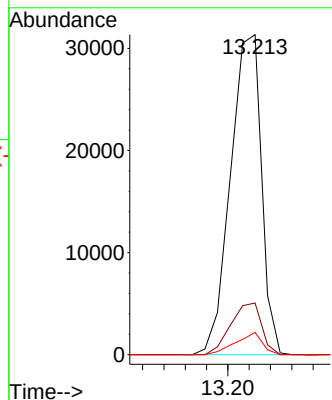
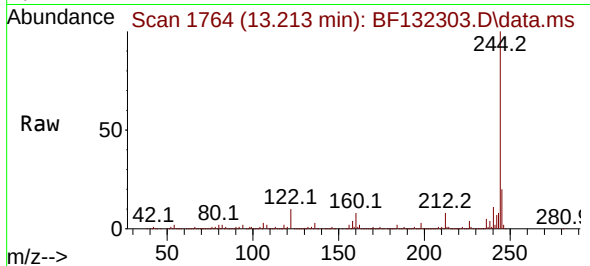




#77
Benzidine
Concen: 2.770 ng
RT: 13.213 min Scan# 1764
Delta R.T. 0.253 min
Lab File: BF132303.D
Acq: 02 Feb 2023 21:16

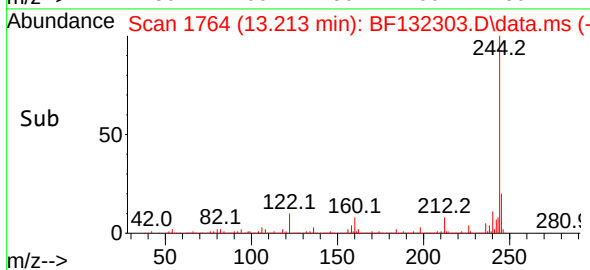
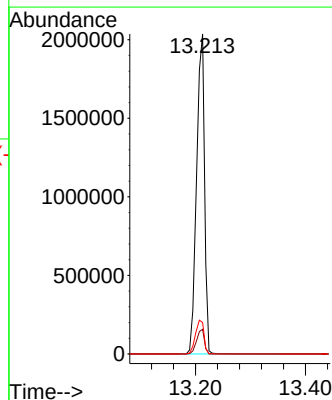
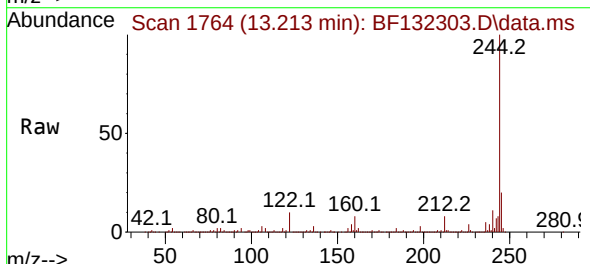
Instrument :
BNA_F
ClientSampleId :
JPP-15-013123

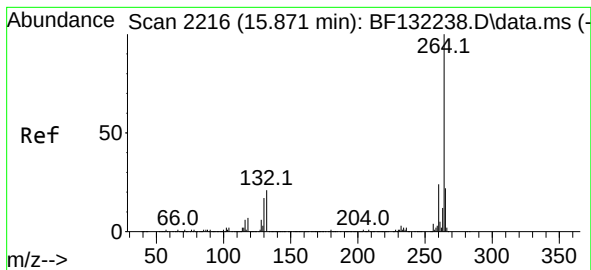
Tgt Ion:184 Resp: 31641
Ion Ratio Lower Upper
184 100
185 16.2 12.6 18.8
183 6.9 8.9 13.3#



#79
Terphenyl-d14
Concen: 120.761 ng
RT: 13.213 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BF132303.D
Acq: 02 Feb 2023 21:16

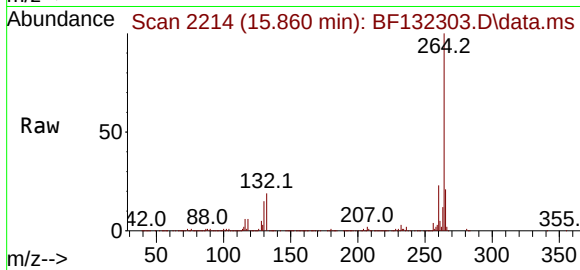
Tgt Ion:244 Resp: 2039992
Ion Ratio Lower Upper
244 100
212 7.7 6.4 9.6
122 9.9 10.5 15.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.860 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF132303.D
 Acq: 02 Feb 2023 21:16

Instrument :
 BNA_F
 ClientSampleId :
 JPP-15-013123



Tgt Ion:264 Resp: 368606
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.3 17.4 26.2

