

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132265.D
 Acq On : 01 Feb 2023 17:53
 Operator : CG\JU
 Sample : 01358-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-5-012723

Quant Time: Feb 02 00:55:39 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)

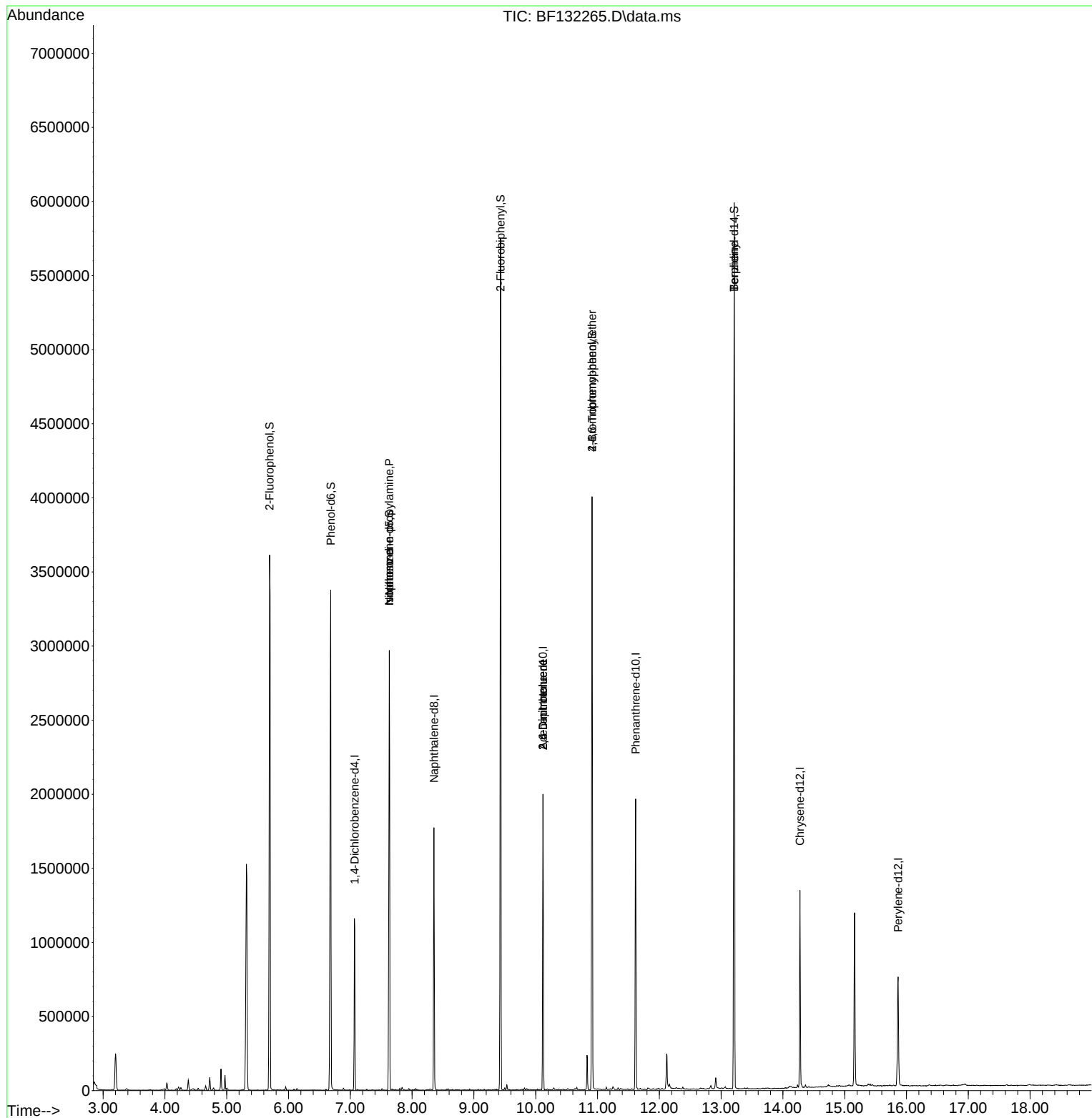
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.072	152	184860	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	709052	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	359788	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	670177	20.000	ng	0.00
76) Chrysene-d12	14.277	240	404269	20.000	ng	-0.01
86) Perylene-d12	15.865	264	353905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.695	112	1304959	113.469	ng	0.01
7) Phenol-d6	6.684	99	1491785	105.214	ng	0.00
23) Nitrobenzene-d5	7.631	82	1073522	84.251	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	501216	135.467	ng	0.00
45) 2-Fluorobiphenyl	9.430	172	1788600	76.769	ng	0.00
79) Terphenyl-d14	13.213	244	2125293	101.694	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.625	77	202	Below Cal	#	41
19) n-Nitroso-di-n-propyla...	7.631	70	134472	16.697	ng	# 79
25) Isophorone	7.631	82	1073493	44.388	ng	# 64
51) 2,6-Dinitrotoluene	10.119	165	47212	8.400	ng	# 25
57) 2,4-Dinitrotoluene	10.119	165	47212	6.466	ng	# 23
67) 4-Bromophenyl-phenylether	10.913	248	29742	4.334	ng	# 1
77) Benzidine	13.213	184	33642	2.380	ng	# 93

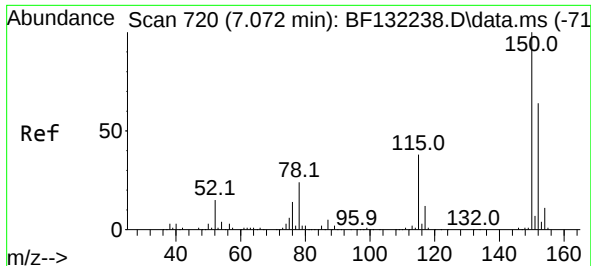
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5-012723

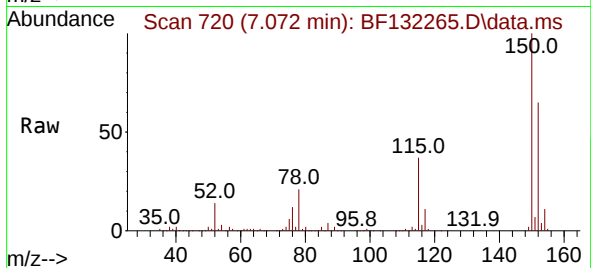
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 05:24:37 2023
Response via : Initial Calibration



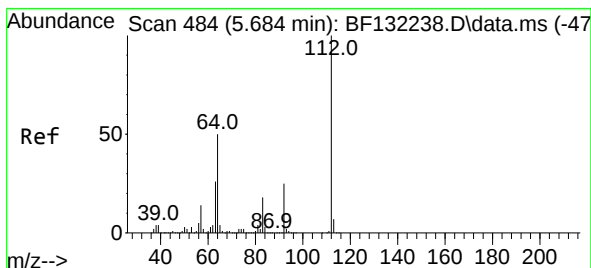
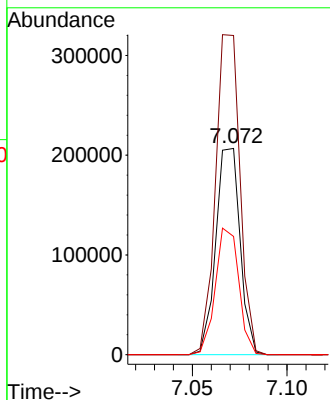
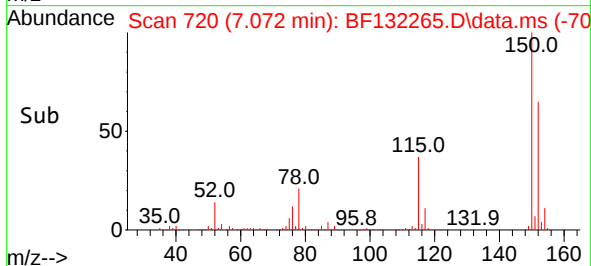


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.072 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132265.D
Acq: 01 Feb 2023 17:53

Instrument :
BNA_F
ClientSampleId :
JPP-5-012723

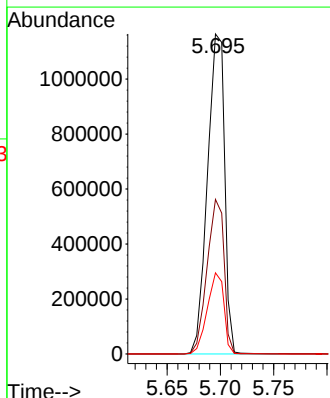
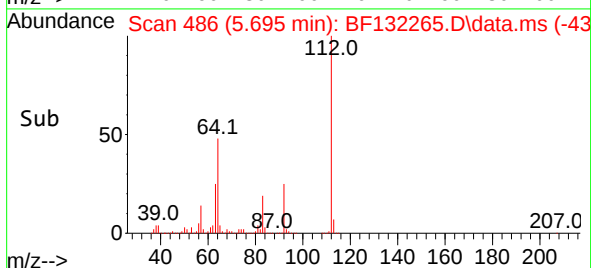
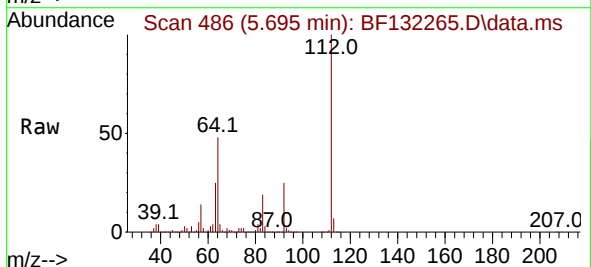


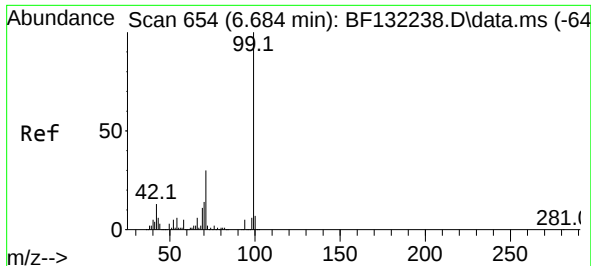
Tgt Ion:152 Resp: 184860
Ion Ratio Lower Upper
152 100
150 154.8 124.2 186.2
115 57.3 47.3 70.9



#5
2-Fluorophenol
Concen: 113.469 ng
RT: 5.695 min Scan# 486
Delta R.T. 0.011 min
Lab File: BF132265.D
Acq: 01 Feb 2023 17:53

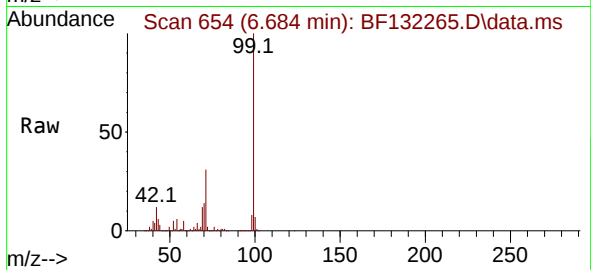
Tgt Ion:112 Resp: 1304959
Ion Ratio Lower Upper
112 100
64 48.3 40.0 60.0
63 25.3 20.5 30.7





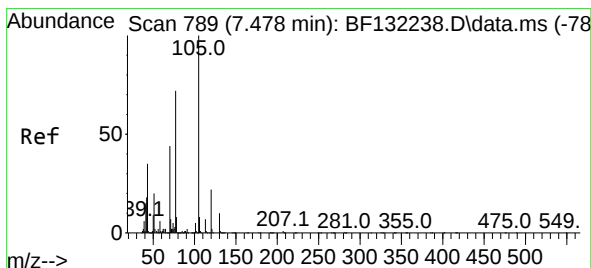
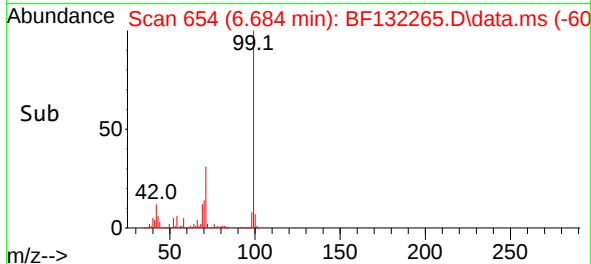
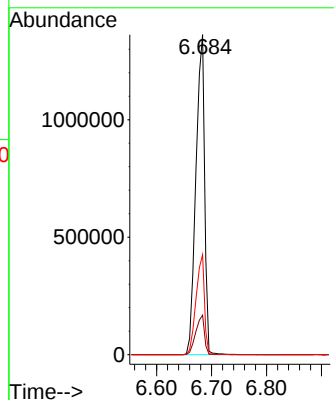
#7
Phenol-d6
Concen: 105.214 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132265.D
Acq: 01 Feb 2023 17:53

Instrument :
BNA_F
ClientSampleId :
JPP-5-012723



Tgt Ion: 99 Resp: 1491785

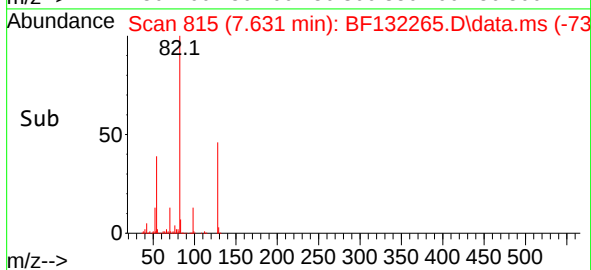
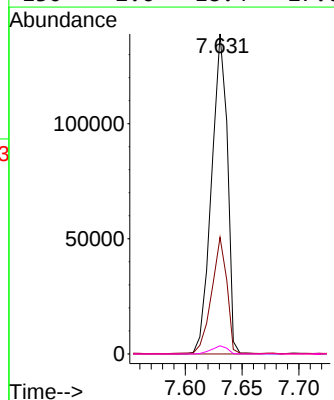
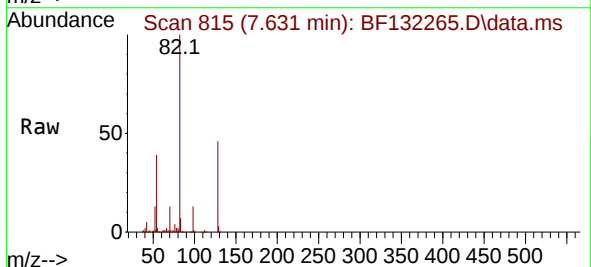
Ion	Ratio	Lower	Upper
99	100		
42	12.4	10.1	15.1
71	31.3	24.2	36.4

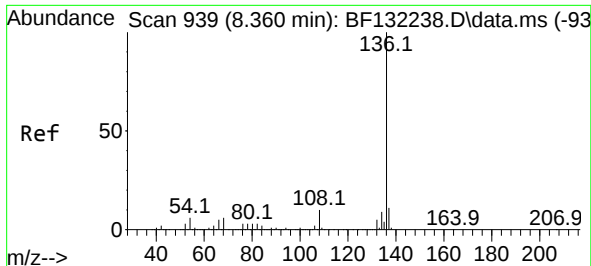


#19
n-Nitroso-di-n-propylamine
Concen: 16.697 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132265.D
Acq: 01 Feb 2023 17:53

Tgt Ion: 70 Resp: 134472

Ion	Ratio	Lower	Upper
70	100		
42	36.5	33.4	50.0
101	0.0	8.2	12.4#
130	2.6	18.4	27.6#

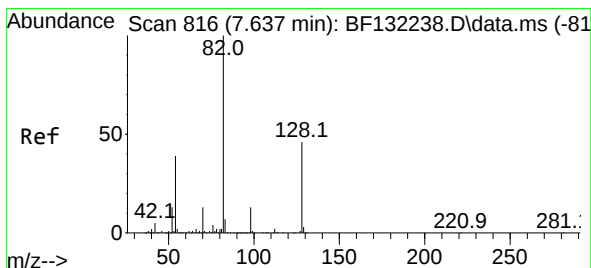
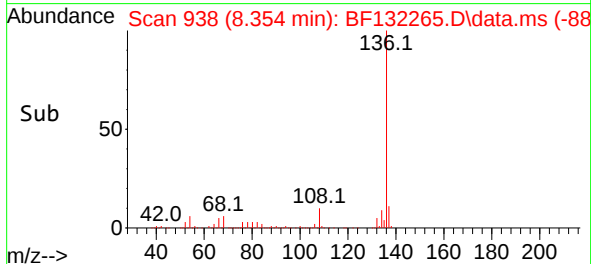
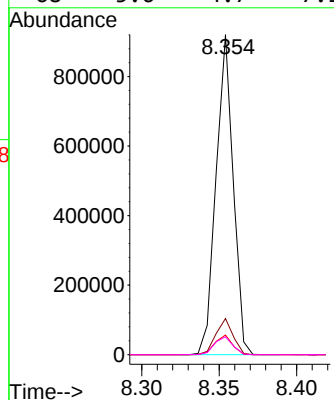
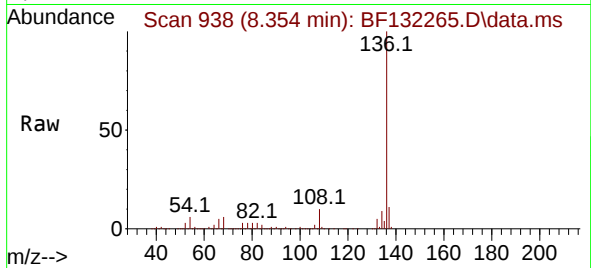




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132265.D
Acq: 01 Feb 2023 17:53

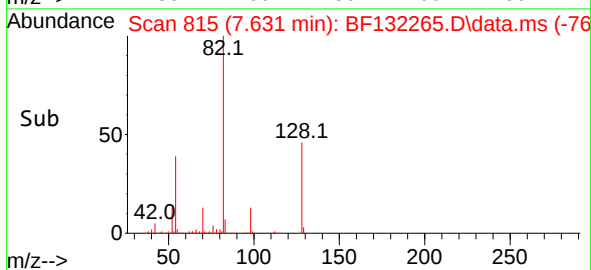
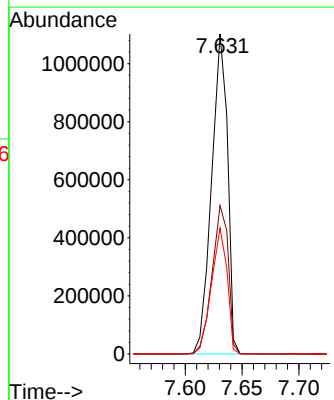
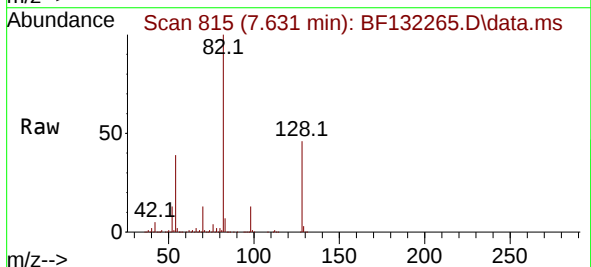
Instrument :
BNA_F
ClientSampleId :
JPP-5-012723

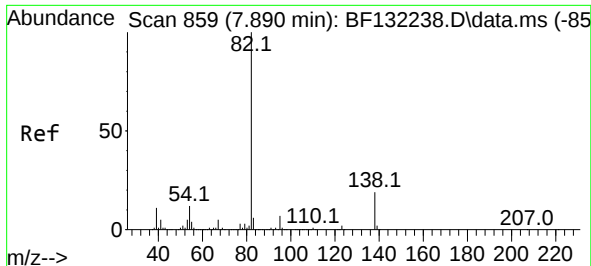
Tgt Ion:136 Resp: 709052
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.2 4.9 7.3
68 5.6 4.7 7.1



#23
Nitrobenzene-d5
Concen: 84.251 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132265.D
Acq: 01 Feb 2023 17:53

Tgt Ion: 82 Resp: 1073522
Ion Ratio Lower Upper
82 100
128 46.4 37.0 55.4
54 39.4 31.5 47.3

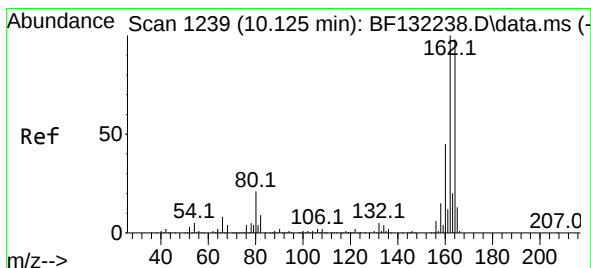
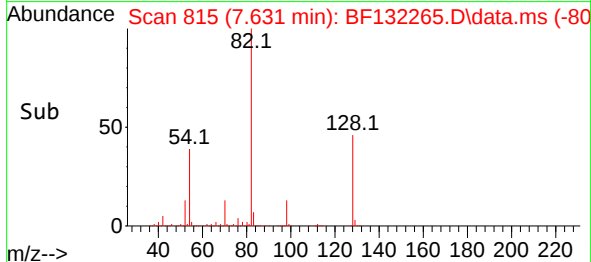
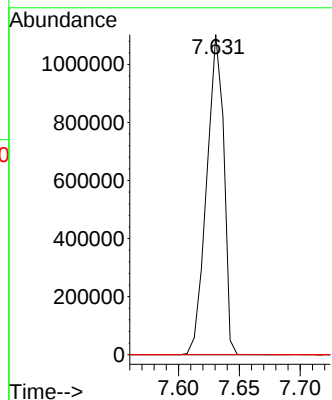
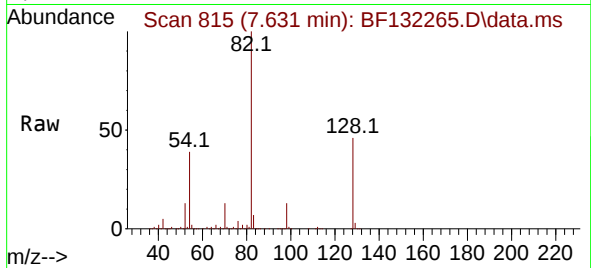




#25
Isophorone
Concen: 44.388 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132265.D
Acq: 01 Feb 2023 17:53

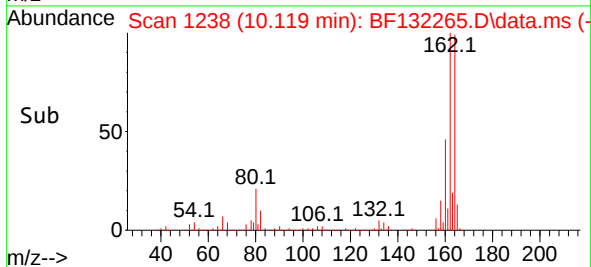
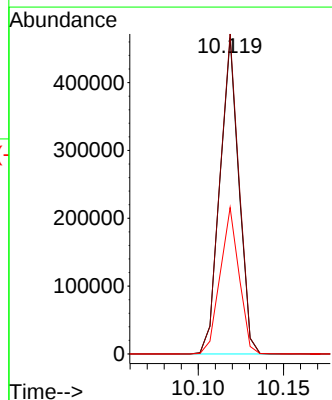
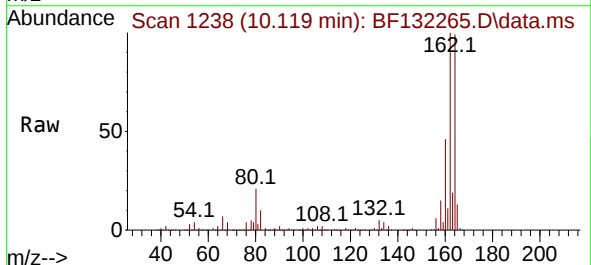
Instrument :
BNA_F
ClientSampleId :
JPP-5-012723

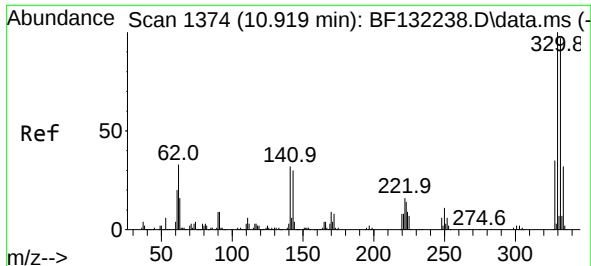
Tgt Ion: 82 Resp: 1073493
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132265.D
Acq: 01 Feb 2023 17:53

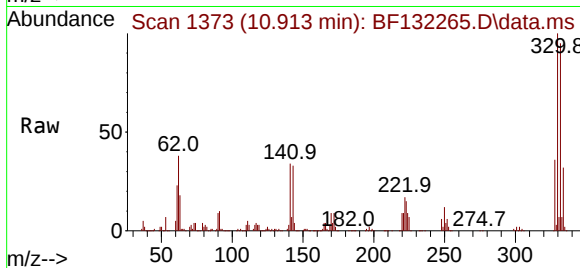
Tgt Ion: 164 Resp: 359788
Ion Ratio Lower Upper
164 100
162 101.1 82.0 123.0
160 46.3 37.1 55.7



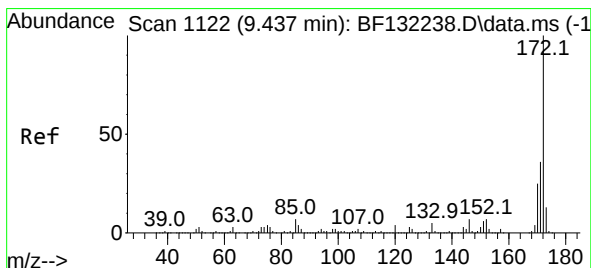
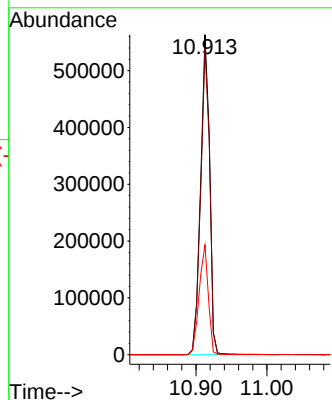
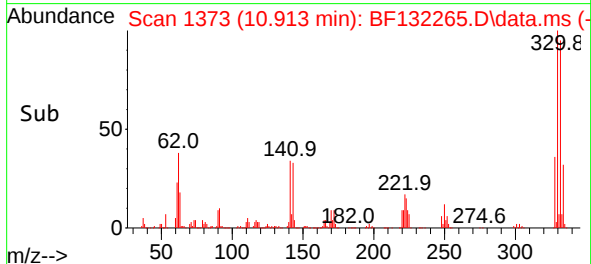


#42
2,4,6-Tribromophenol
Concen: 135.467 ng
RT: 10.913 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF132265.D
Acq: 01 Feb 2023 17:53

Instrument :
BNA_F
ClientSampleId :
JPP-5-012723

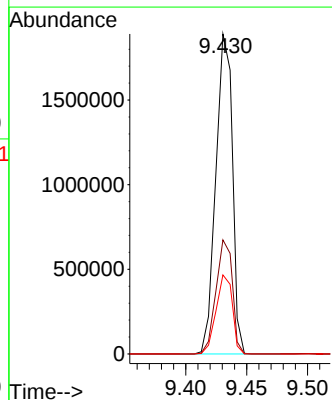
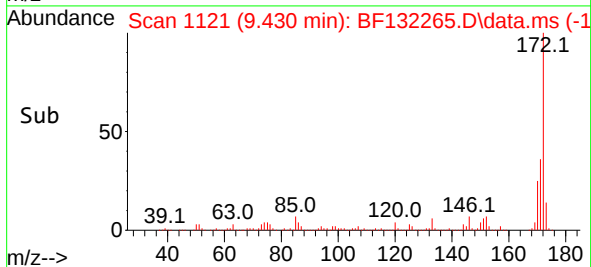
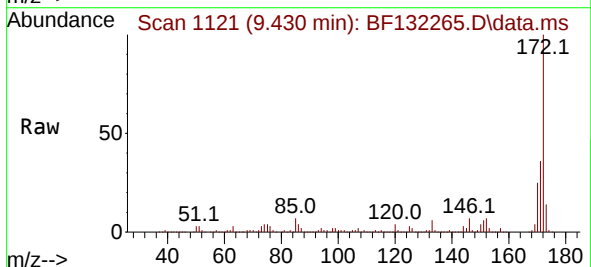


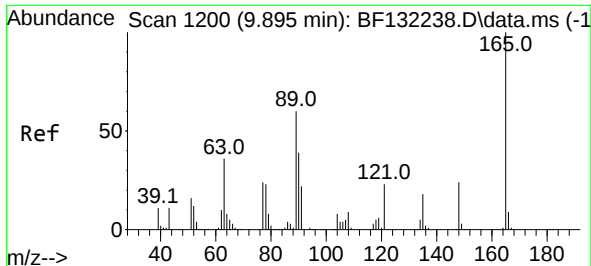
Tgt Ion:330 Resp: 501216
Ion Ratio Lower Upper
330 100
332 95.6 77.9 116.9
141 34.8 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 76.769 ng
RT: 9.430 min Scan# 1121
Delta R.T. -0.007 min
Lab File: BF132265.D
Acq: 01 Feb 2023 17:53

Tgt Ion:172 Resp: 1788600
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.7 19.7 29.5





#51

2,6-Dinitrotoluene

Concen: 8.400 ng

RT: 10.119 min Scan# 1238

Delta R.T. 0.224 min

Lab File: BF132265.D

Acq: 01 Feb 2023 17:53

Instrument :

BNA_F

ClientSampleId :

JPP-5-012723

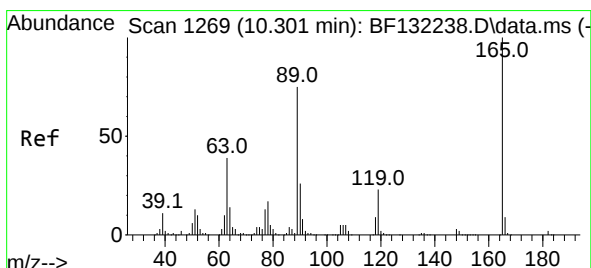
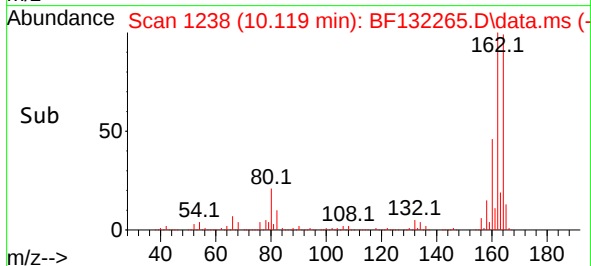
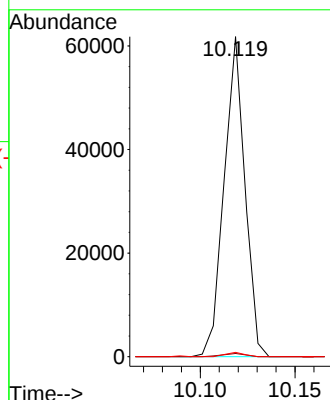
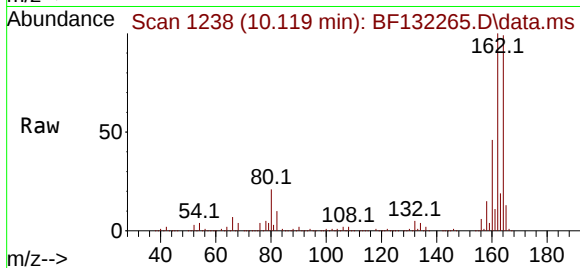
Tgt Ion:165 Resp: 47212

Ion Ratio Lower Upper

165 100

63 1.0 41.5 62.3#

89 1.3 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.466 ng

RT: 10.119 min Scan# 1238

Delta R.T. -0.183 min

Lab File: BF132265.D

Acq: 01 Feb 2023 17:53

Tgt Ion:165 Resp: 47212

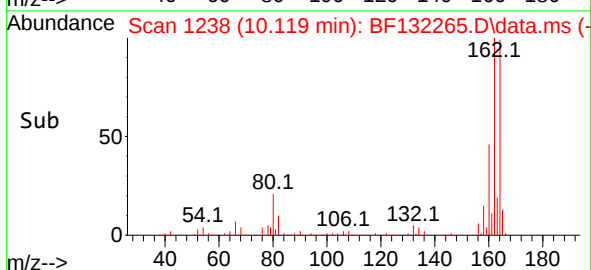
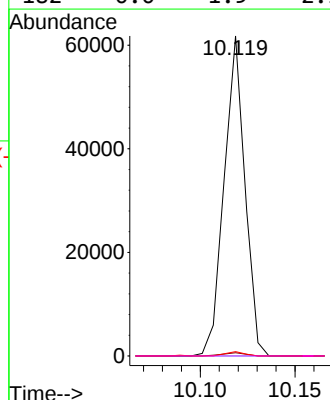
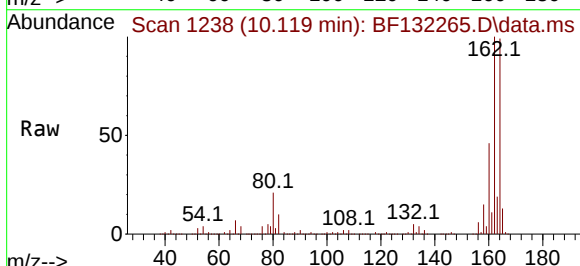
Ion Ratio Lower Upper

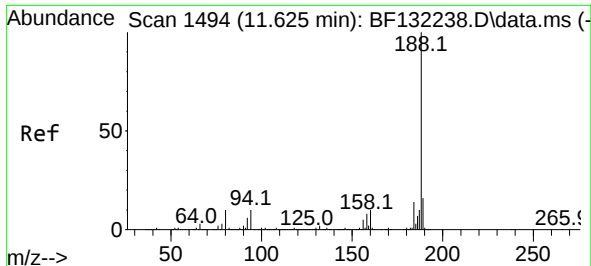
165 100

63 1.0 30.9 46.3#

89 1.3 60.1 90.1#

182 0.0 1.9 2.9#

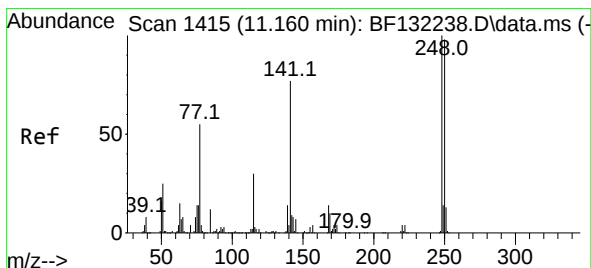
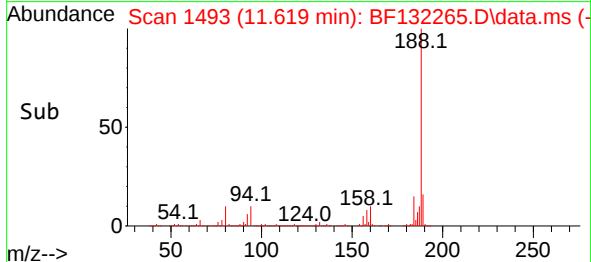
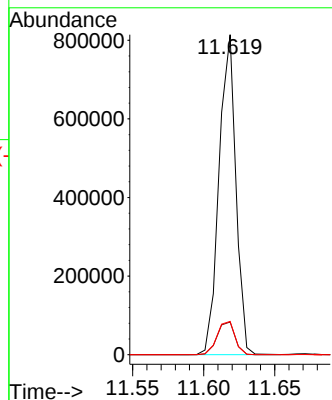
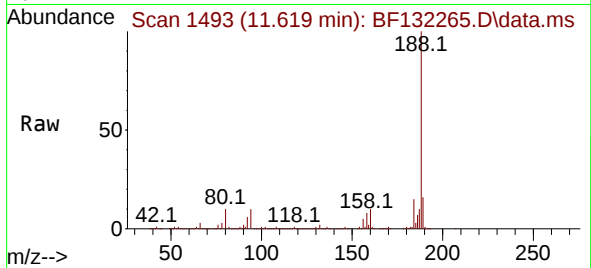




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132265.D
Acq: 01 Feb 2023 17:53

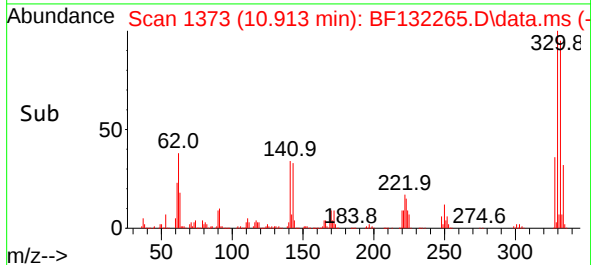
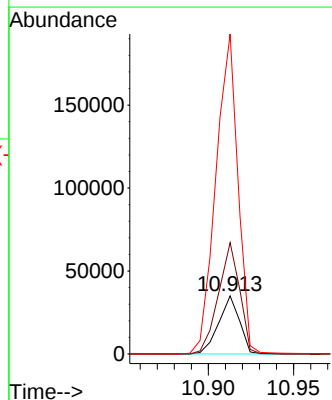
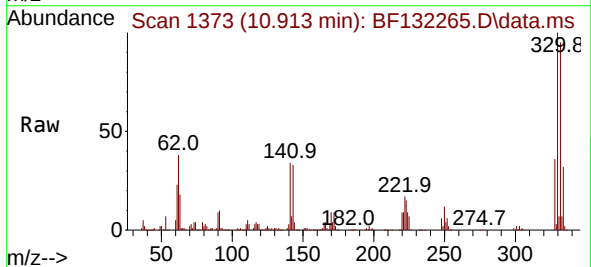
Instrument :
BNA_F
ClientSampleId :
JPP-5-012723

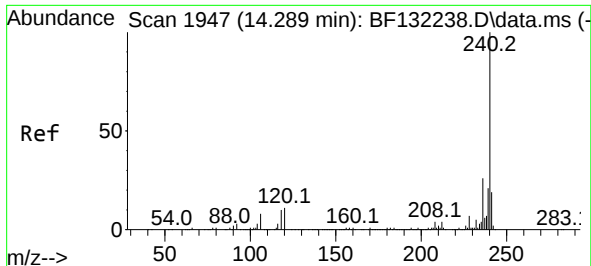
Tgt Ion:188 Resp: 670177
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.4 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 4.334 ng
RT: 10.913 min Scan# 1373
Delta R.T. -0.247 min
Lab File: BF132265.D
Acq: 01 Feb 2023 17:53

Tgt Ion:248 Resp: 29742
Ion Ratio Lower Upper
248 100
250 191.4 78.6 117.8#
141 550.3 61.6 92.4#

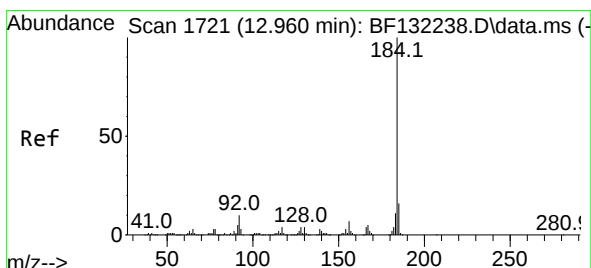
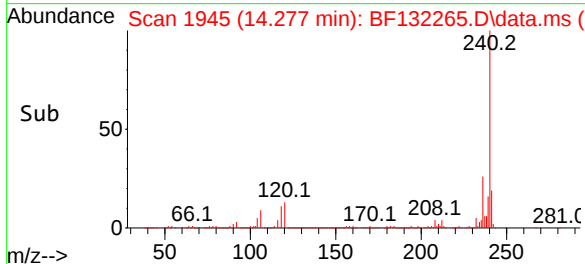
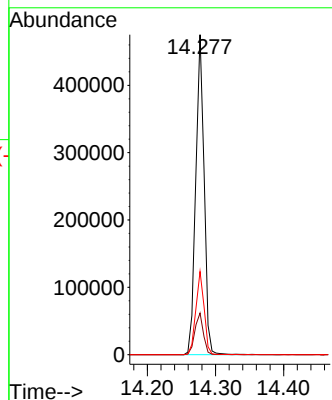
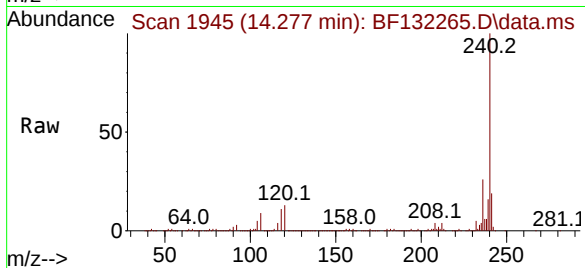




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132265.D
Acq: 01 Feb 2023 17:53

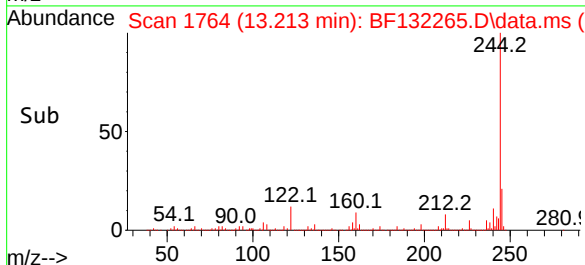
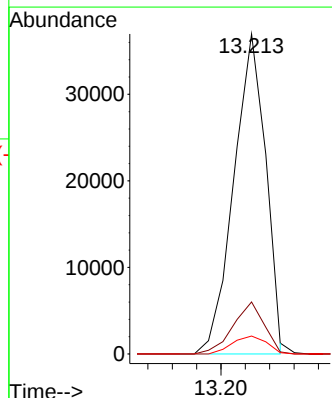
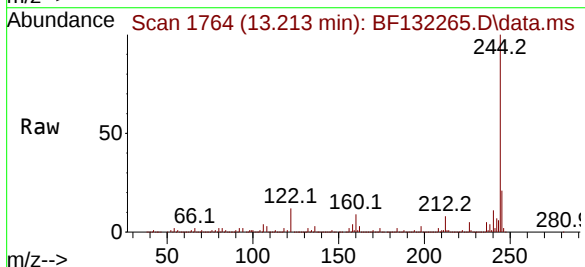
Instrument :
BNA_F
ClientSampleId :
JPP-5-012723

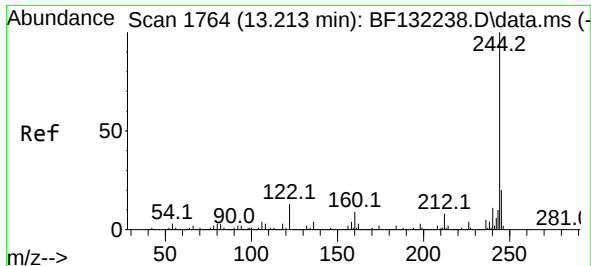
Tgt Ion:240 Resp: 404269
Ion Ratio Lower Upper
240 100
120 13.0 8.8 13.2
236 26.0 21.0 31.6



#77
Benidine
Concen: 2.380 ng
RT: 13.213 min Scan# 1764
Delta R.T. 0.253 min
Lab File: BF132265.D
Acq: 01 Feb 2023 17:53

Tgt Ion:184 Resp: 33642
Ion Ratio Lower Upper
184 100
185 16.3 12.6 18.8
183 5.6 8.9 13.3#

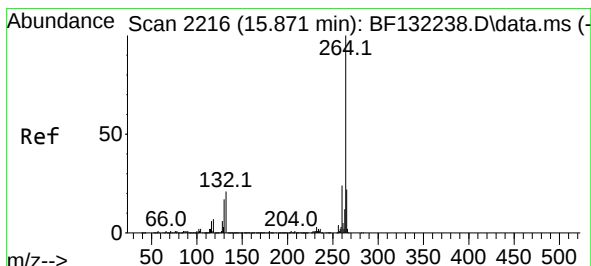
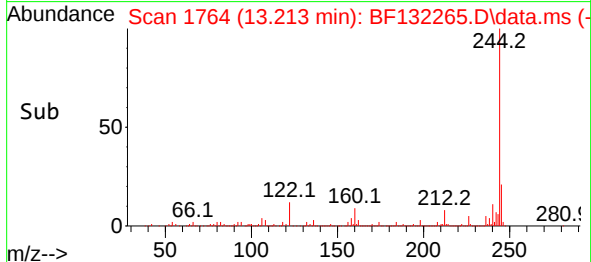
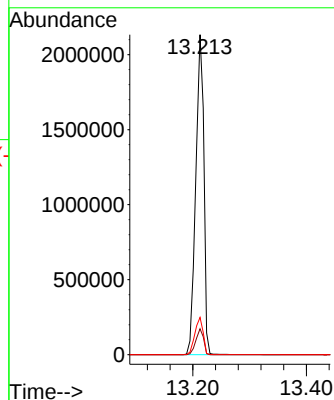
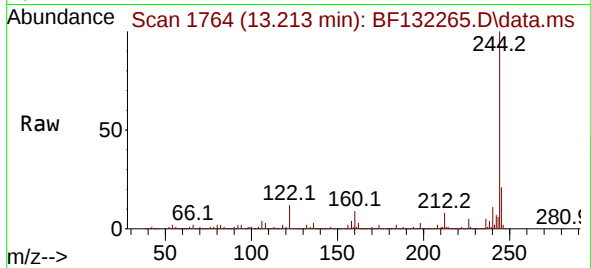




#79
 Terphenyl-d14
 Concen: 101.694 ng
 RT: 13.213 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132265.D
 Acq: 01 Feb 2023 17:53

Instrument :
 BNA_F
 ClientSampleId :
 JPP-5-012723

Tgt Ion:244 Resp: 2125293
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 11.7 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.865 min Scan# 2215
 Delta R.T. -0.006 min
 Lab File: BF132265.D
 Acq: 01 Feb 2023 17:53

Tgt Ion:264 Resp: 353905
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.5 17.4 26.2

