

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132258.D
 Acq On : 01 Feb 2023 13:59
 Operator : CG\JU
 Sample : 01356-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-J

Quant Time: Feb 02 00:53:45 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)

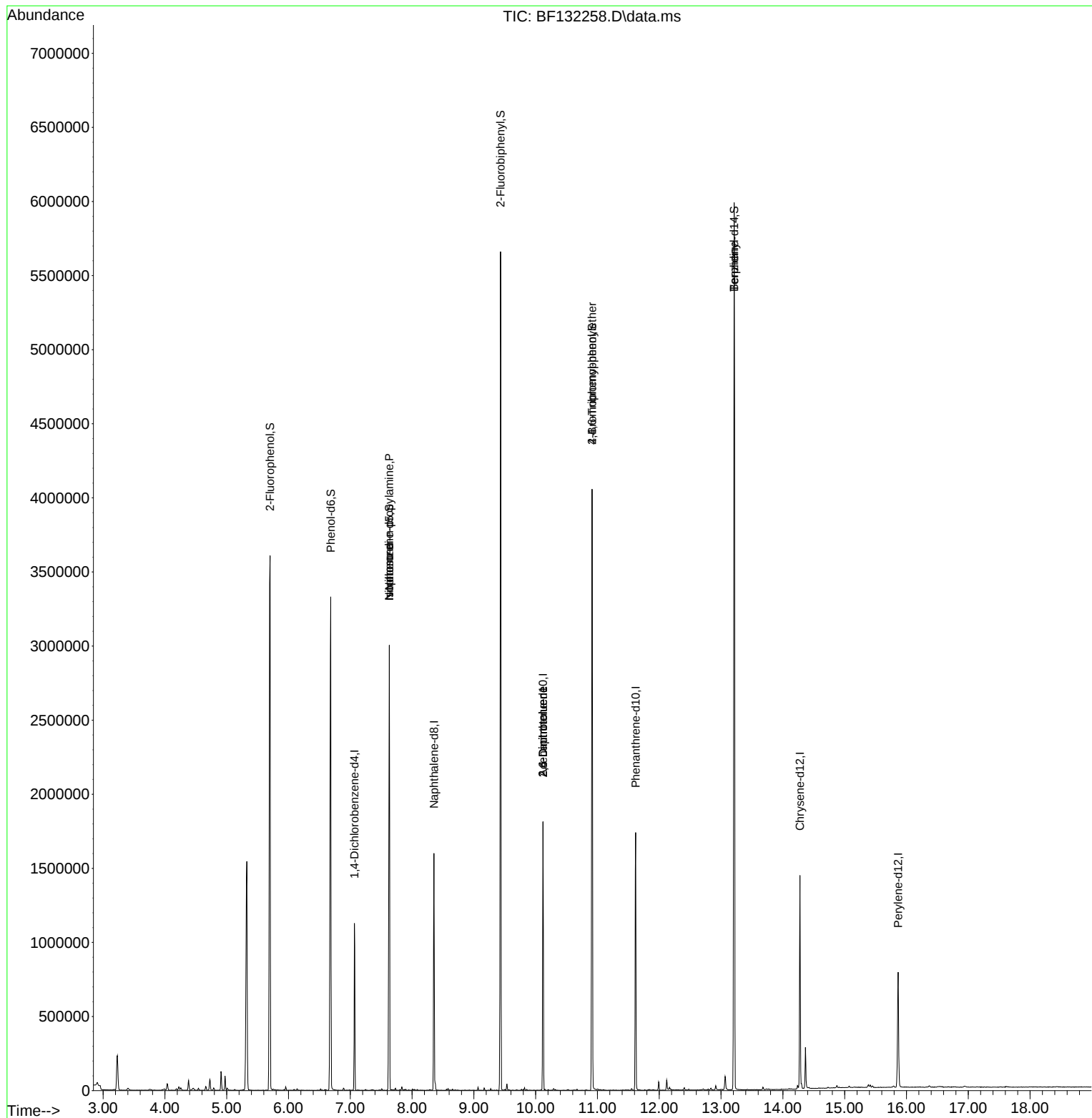
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	170738	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	651052	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	329910	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	622023	20.000	ng	0.00
76) Chrysene-d12	14.277	240	433870	20.000	ng	-0.01
86) Perylene-d12	15.866	264	356918	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	1288889	121.341	ng	0.02
7) Phenol-d6	6.684	99	1471456	112.364	ng	0.00
23) Nitrobenzene-d5	7.631	82	1052688	89.976	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	513848	151.458	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1771848	82.937	ng	0.00
79) Terphenyl-d14	13.213	244	2208602	98.470	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.625	77	290	Below Cal	#	54
19) n-Nitroso-di-n-propyla...	7.631	70	131773	17.715	ng	# 78
25) Isophorone	7.631	82	1052677	47.405	ng	# 64
51) 2,6-Dinitrotoluene	10.119	165	44807	8.694	ng	# 25
57) 2,4-Dinitrotoluene	10.119	165	44807	6.692	ng	# 23
67) 4-Bromophenyl-phenylether	10.913	248	29811	4.680	ng	# 1
77) Benzidine	13.213	184	35025	2.309	ng	# 92

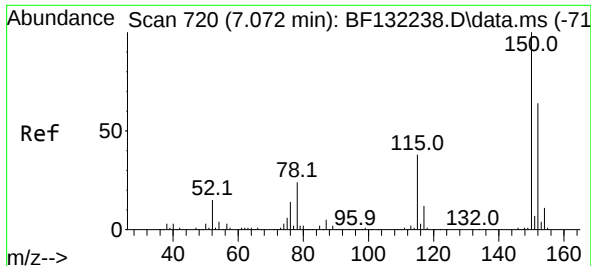
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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TP-J

Quant Time: Feb 02 00:53:45 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

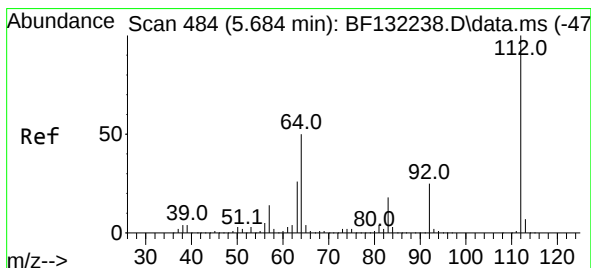
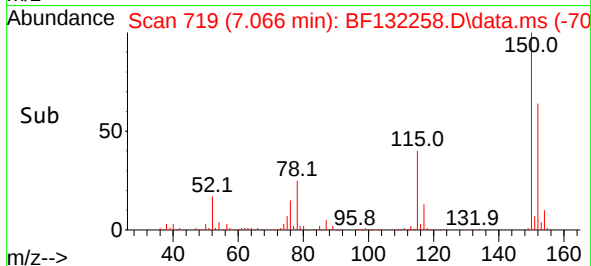
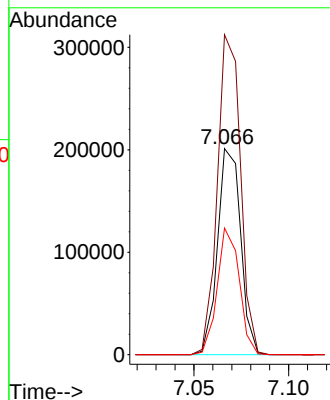
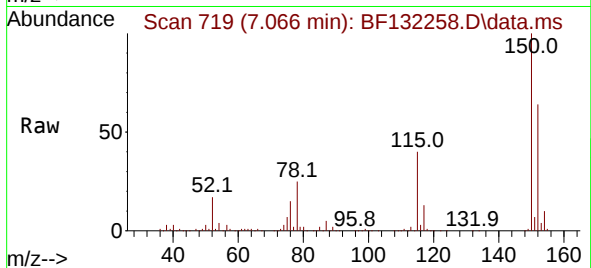




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.066 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132258.D
 Acq: 01 Feb 2023 13:59

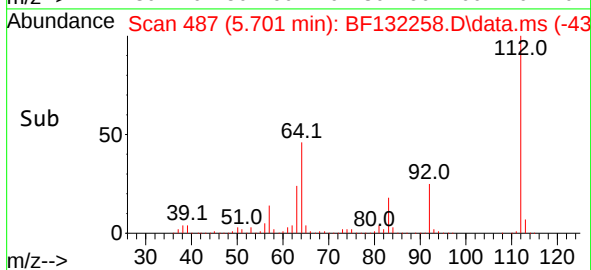
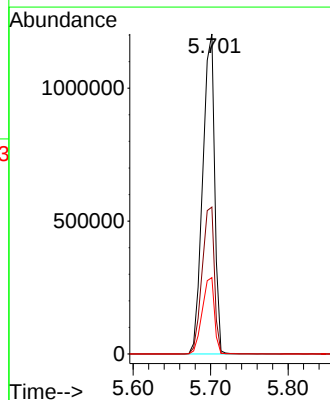
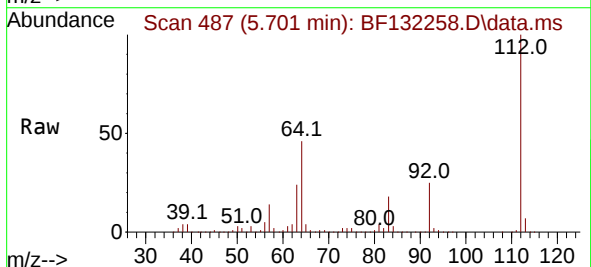
Instrument :
 BNA_F
 ClientSampleId :
 TP-J

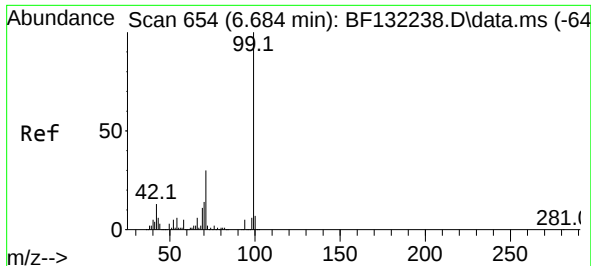
Tgt Ion:152 Resp: 170738
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.2 186.2
 115 61.4 47.3 70.9



#5
 2-Fluorophenol
 Concen: 121.341 ng
 RT: 5.701 min Scan# 487
 Delta R.T. 0.018 min
 Lab File: BF132258.D
 Acq: 01 Feb 2023 13:59

Tgt Ion:112 Resp: 1288889
 Ion Ratio Lower Upper
 112 100
 64 45.9 40.0 60.0
 63 23.8 20.5 30.7

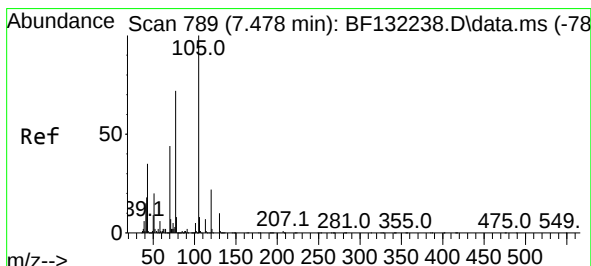
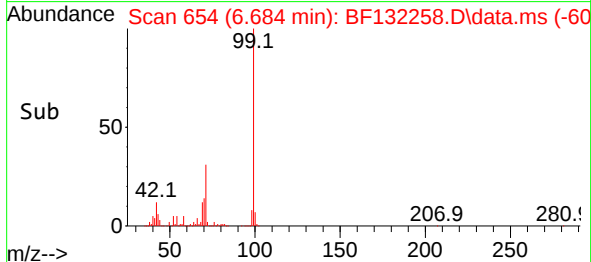
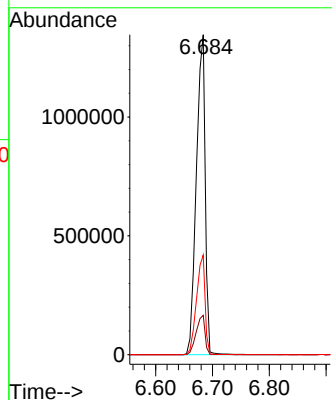
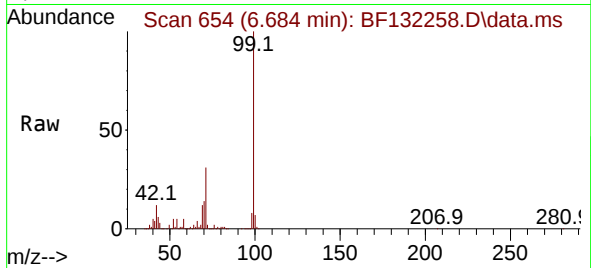




#7
Phenol-d6
Concen: 112.364 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132258.D
Acq: 01 Feb 2023 13:59

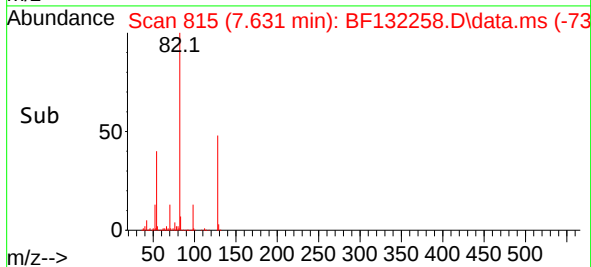
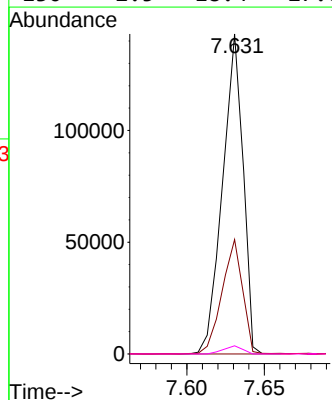
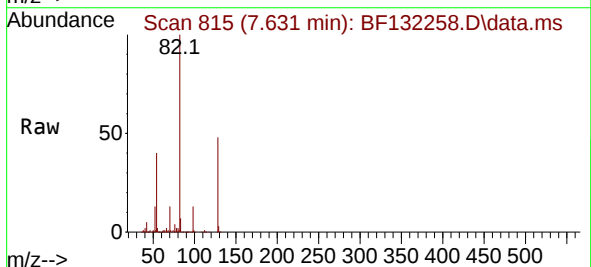
Instrument :
BNA_F
ClientSampleId :
TP-J

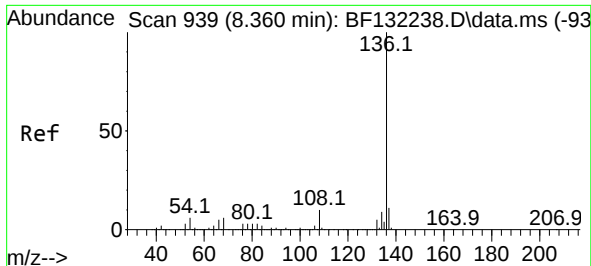
Tgt Ion: 99 Resp: 1471456
Ion Ratio Lower Upper
99 100
42 12.3 10.1 15.1
71 31.1 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.715 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132258.D
Acq: 01 Feb 2023 13:59

Tgt Ion: 70 Resp: 131773
Ion Ratio Lower Upper
70 100
42 35.8 33.4 50.0
101 0.0 8.2 12.4#
130 2.5 18.4 27.6#



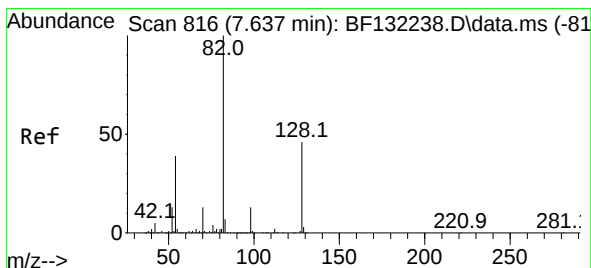
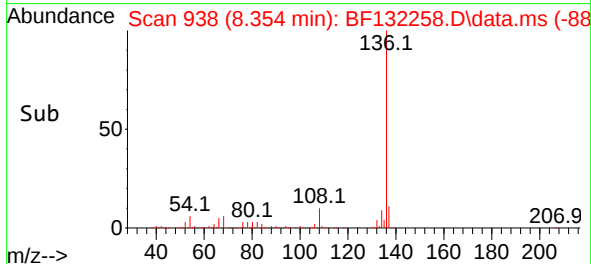
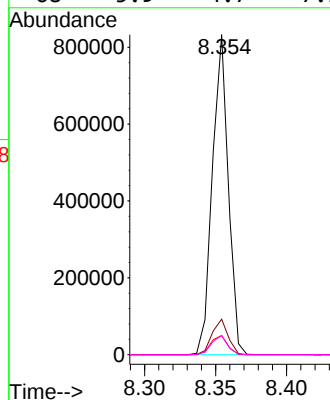
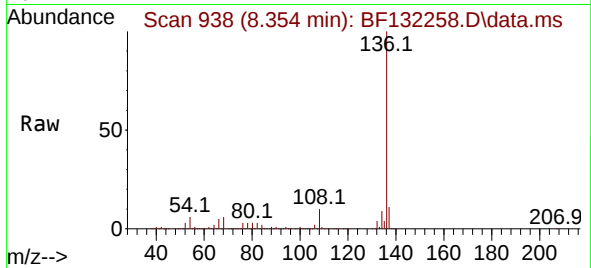


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF132258.D
Acq: 01 Feb 2023 13:59

Instrument :
BNA_F
ClientSampleId :
TP-J

Tgt Ion:136 Resp: 651052

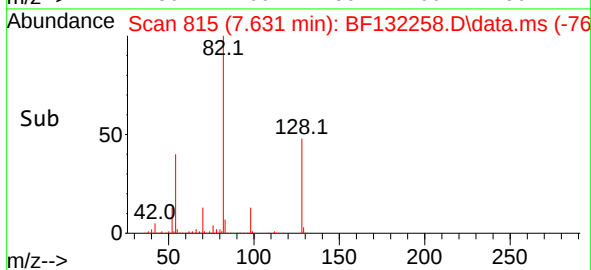
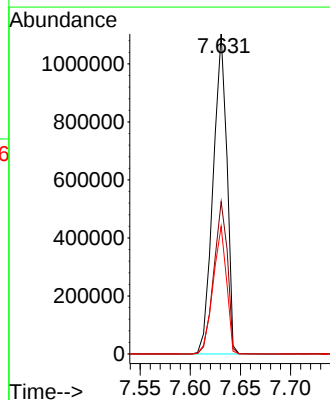
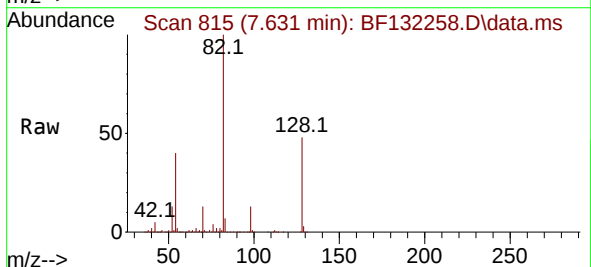
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.0	4.9	7.3
68	5.9	4.7	7.1

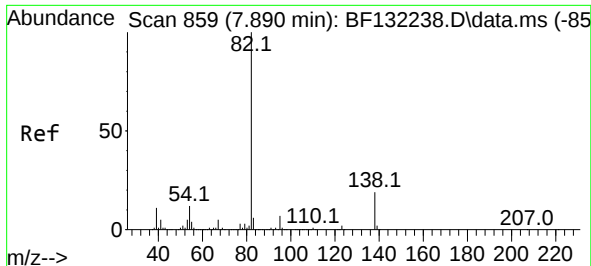


#23
Nitrobenzene-d5
Concen: 89.976 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132258.D
Acq: 01 Feb 2023 13:59

Tgt Ion: 82 Resp: 1052688

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.0	55.4
54	39.9	31.5	47.3

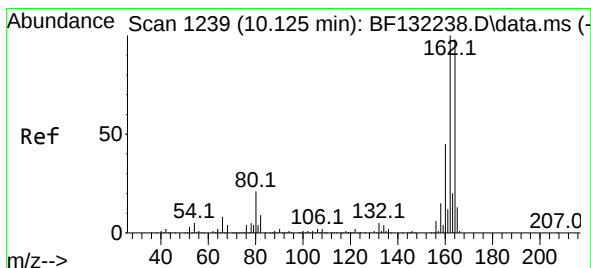
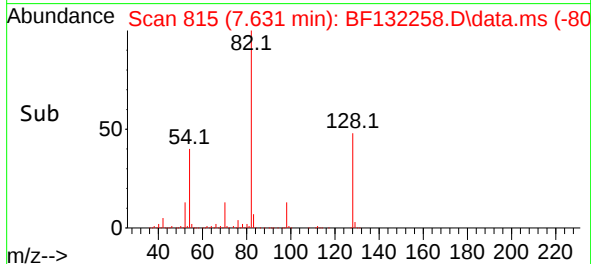
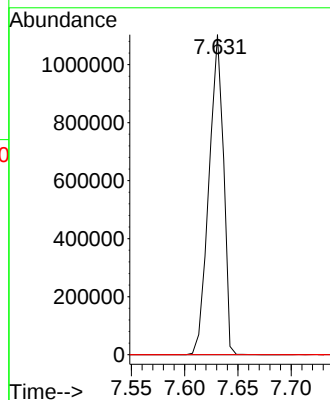
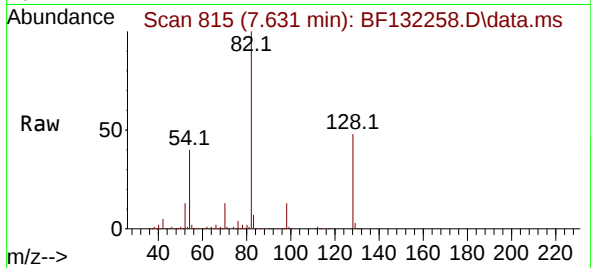




#25
Isophorone
Concen: 47.405 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132258.D
Acq: 01 Feb 2023 13:59

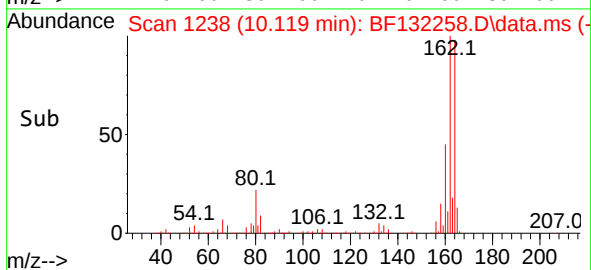
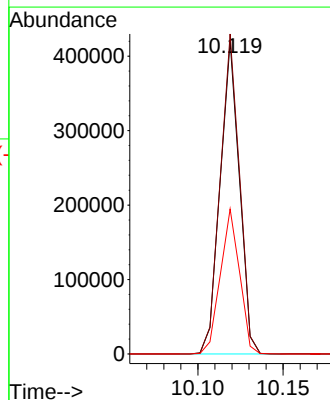
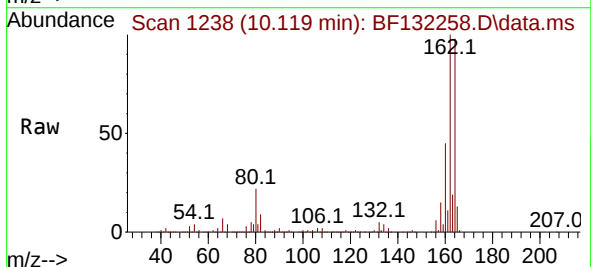
Instrument :
BNA_F
ClientSampleId :
TP-J

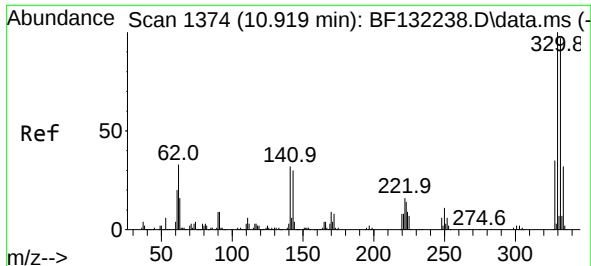
Tgt Ion: 82 Resp: 1052677
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132258.D
Acq: 01 Feb 2023 13:59

Tgt Ion: 164 Resp: 329910
Ion Ratio Lower Upper
164 100
162 102.3 82.0 123.0
160 46.4 37.1 55.7

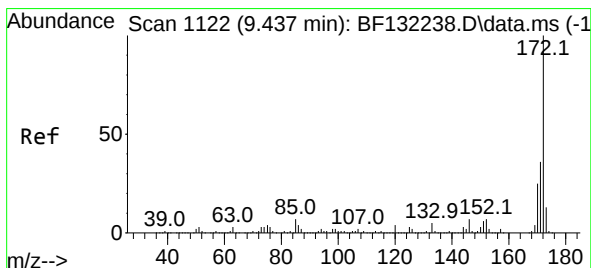
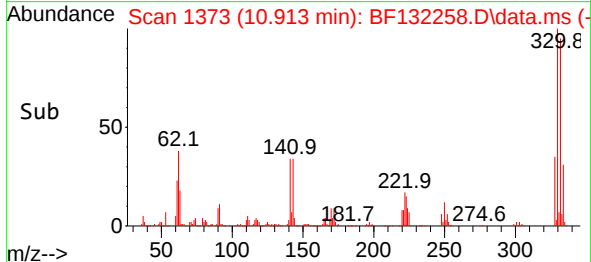
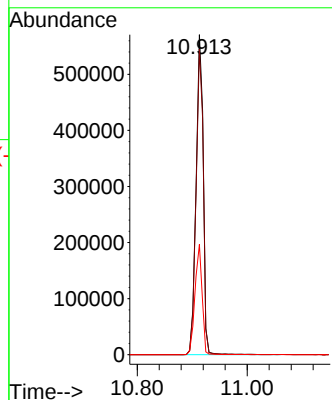
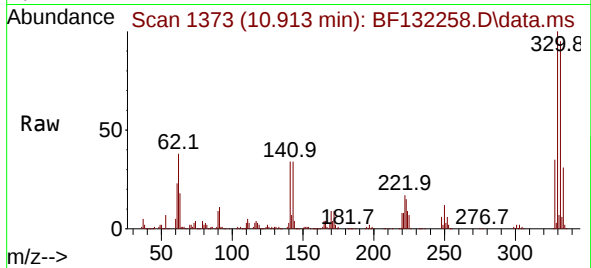




#42
2,4,6-Tribromophenol
Concen: 151.458 ng
RT: 10.913 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF132258.D
Acq: 01 Feb 2023 13:59

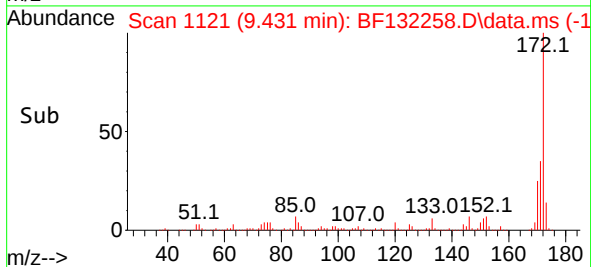
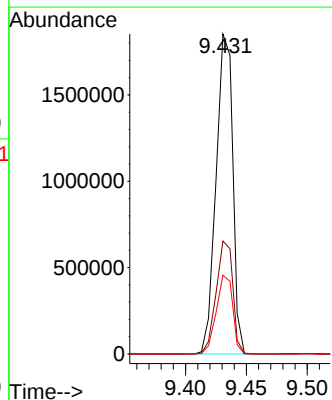
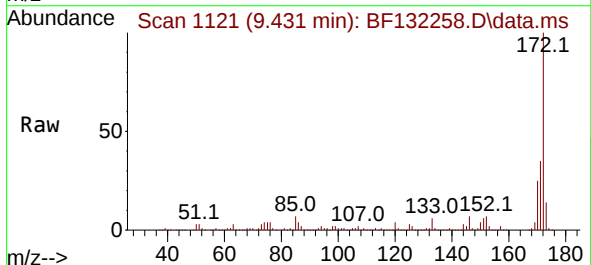
Instrument :
BNA_F
ClientSampleId :
TP-J

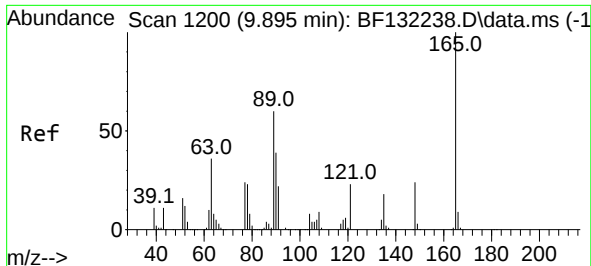
Tgt Ion:330 Resp: 513848
Ion Ratio Lower Upper
330 100
332 95.9 77.9 116.9
141 34.3 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 82.937 ng
RT: 9.431 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BF132258.D
Acq: 01 Feb 2023 13:59

Tgt Ion:172 Resp: 1771848
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.6 19.7 29.5

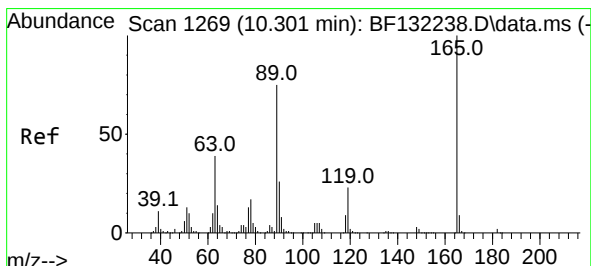
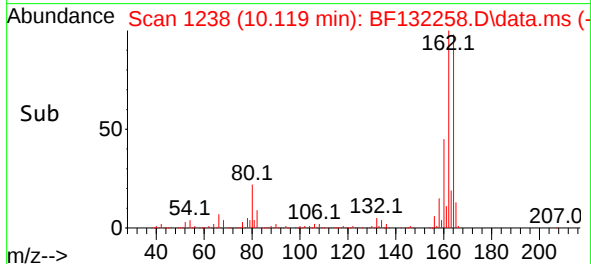
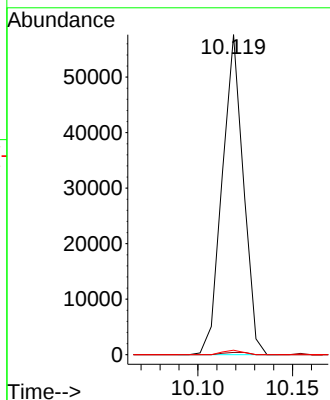
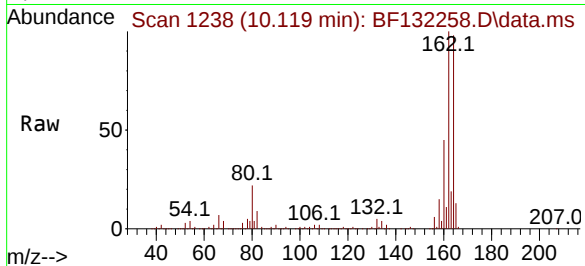




#51
2,6-Dinitrotoluene
Concen: 8.694 ng
RT: 10.119 min Scan# 1238
Delta R.T. 0.224 min
Lab File: BF132258.D
Acq: 01 Feb 2023 13:59

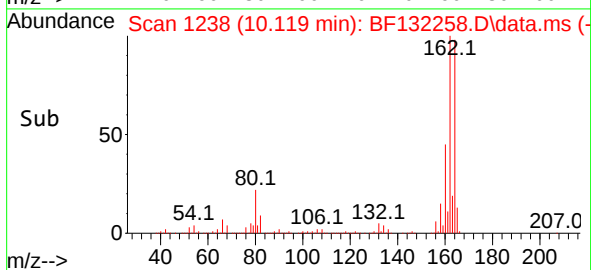
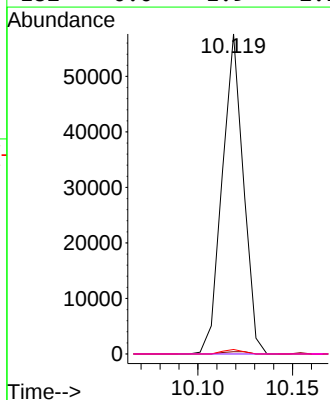
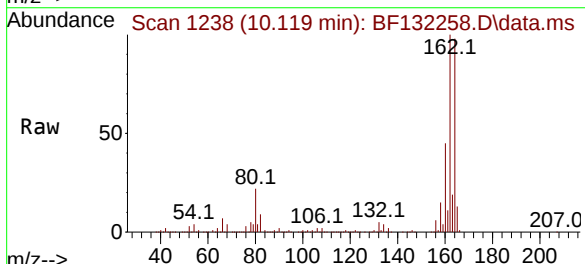
Instrument :
BNA_F
ClientSampleId :
TP-J

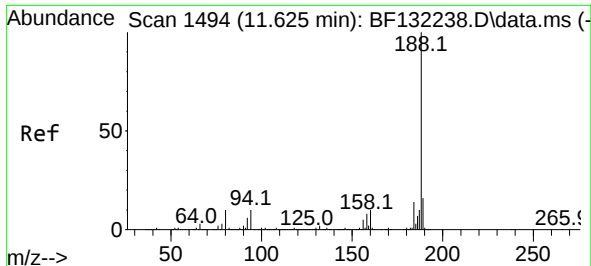
Tgt Ion:165 Resp: 44807
Ion Ratio Lower Upper
165 100
63 0.7 41.5 62.3#
89 1.4 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.692 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.182 min
Lab File: BF132258.D
Acq: 01 Feb 2023 13:59

Tgt Ion:165 Resp: 44807
Ion Ratio Lower Upper
165 100
63 0.7 30.9 46.3#
89 1.4 60.1 90.1#
182 0.0 1.9 2.9#

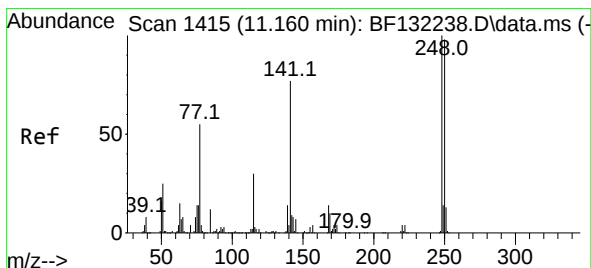
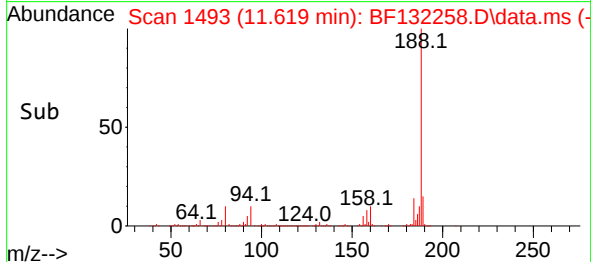
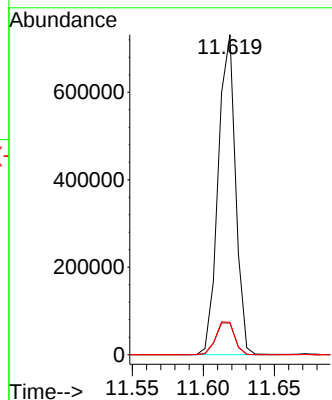
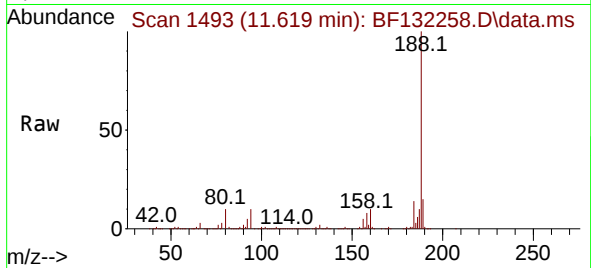




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132258.D
Acq: 01 Feb 2023 13:59

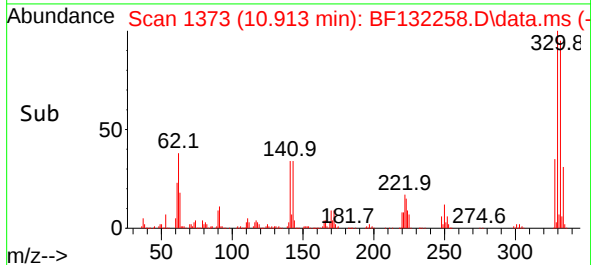
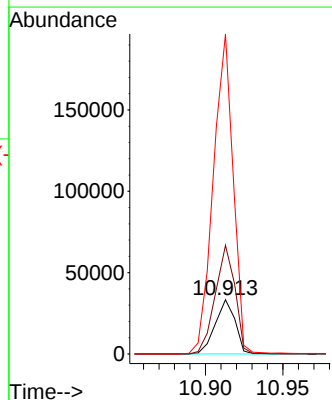
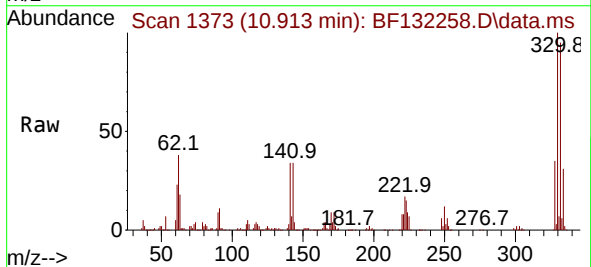
Instrument :
BNA_F
ClientSampleId :
TP-J

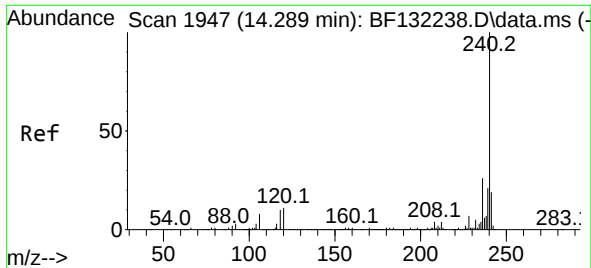
Tgt Ion:188 Resp: 622023
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.1 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 4.680 ng
RT: 10.913 min Scan# 1373
Delta R.T. -0.247 min
Lab File: BF132258.D
Acq: 01 Feb 2023 13:59

Tgt Ion:248 Resp: 29811
Ion Ratio Lower Upper
248 100
250 200.1 78.6 117.8#
141 589.2 61.6 92.4#

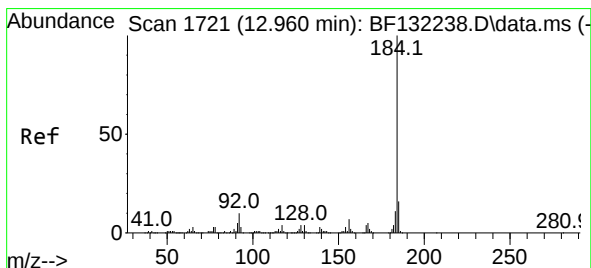
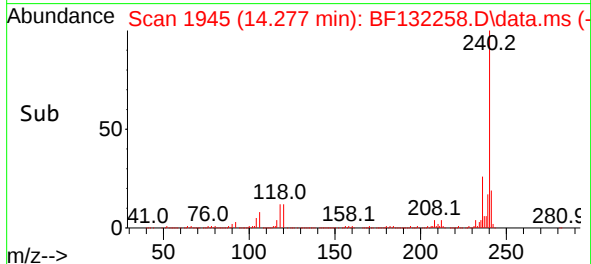
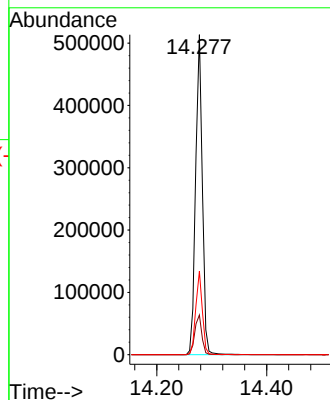
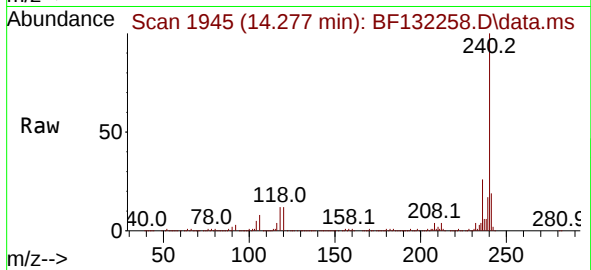




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132258.D
Acq: 01 Feb 2023 13:59

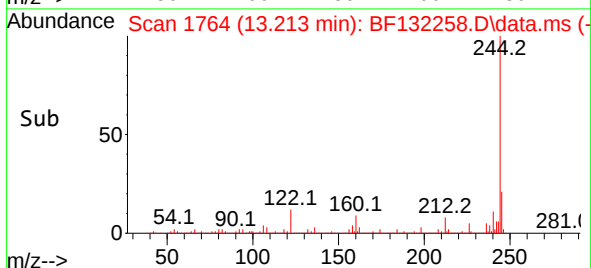
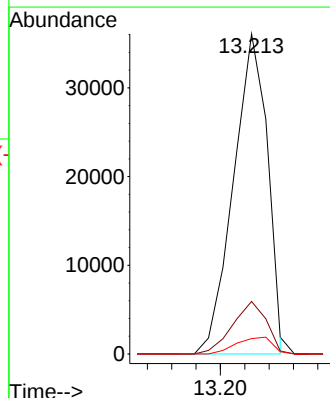
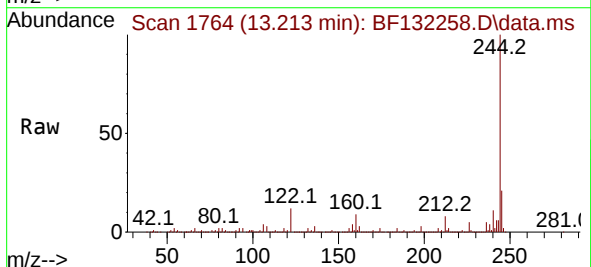
Instrument :
BNA_F
ClientSampleId :
TP-J

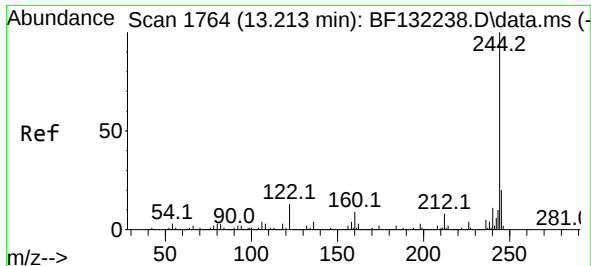
Tgt Ion:240 Resp: 433870
Ion Ratio Lower Upper
240 100
120 12.4 8.8 13.2
236 26.1 21.0 31.6



#77
Benzidine
Concen: 2.309 ng
RT: 13.213 min Scan# 1764
Delta R.T. 0.253 min
Lab File: BF132258.D
Acq: 01 Feb 2023 13:59

Tgt Ion:184 Resp: 35025
Ion Ratio Lower Upper
184 100
185 16.4 12.6 18.8
183 4.8 8.9 13.3#

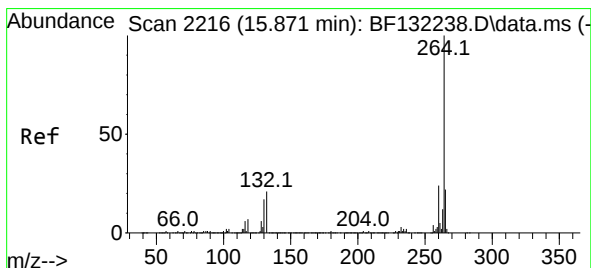
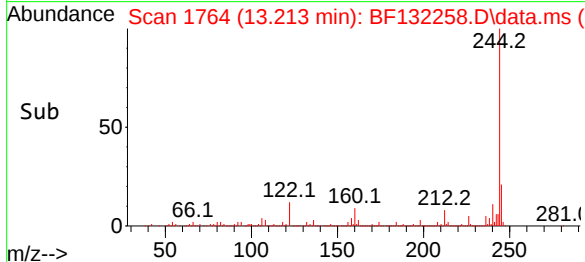
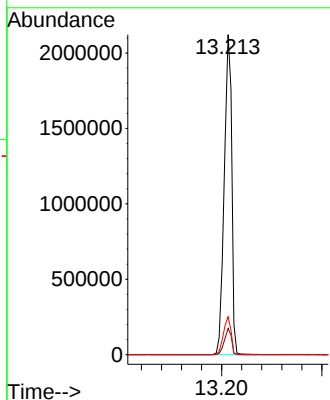
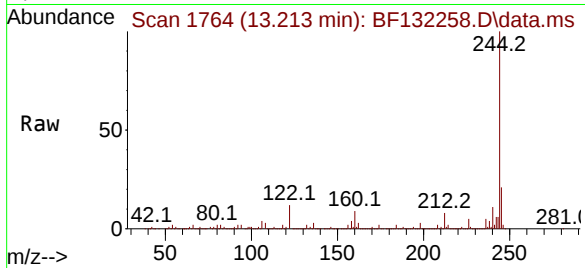




#79
 Terphenyl-d14
 Concen: 98.470 ng
 RT: 13.213 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132258.D
 Acq: 01 Feb 2023 13:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-J

Tgt Ion:244 Resp: 2208602
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.4 9.6
 122 11.9 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.866 min Scan# 2215
 Delta R.T. -0.006 min
 Lab File: BF132258.D
 Acq: 01 Feb 2023 13:59

Tgt Ion:264 Resp: 356918
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.6 17.4 26.2

