

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132318.D
 Acq On : 03 Feb 2023 12:18
 Operator : CG\JU
 Sample : PB150501BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150501BL

Quant Time: Feb 04 01:36:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

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

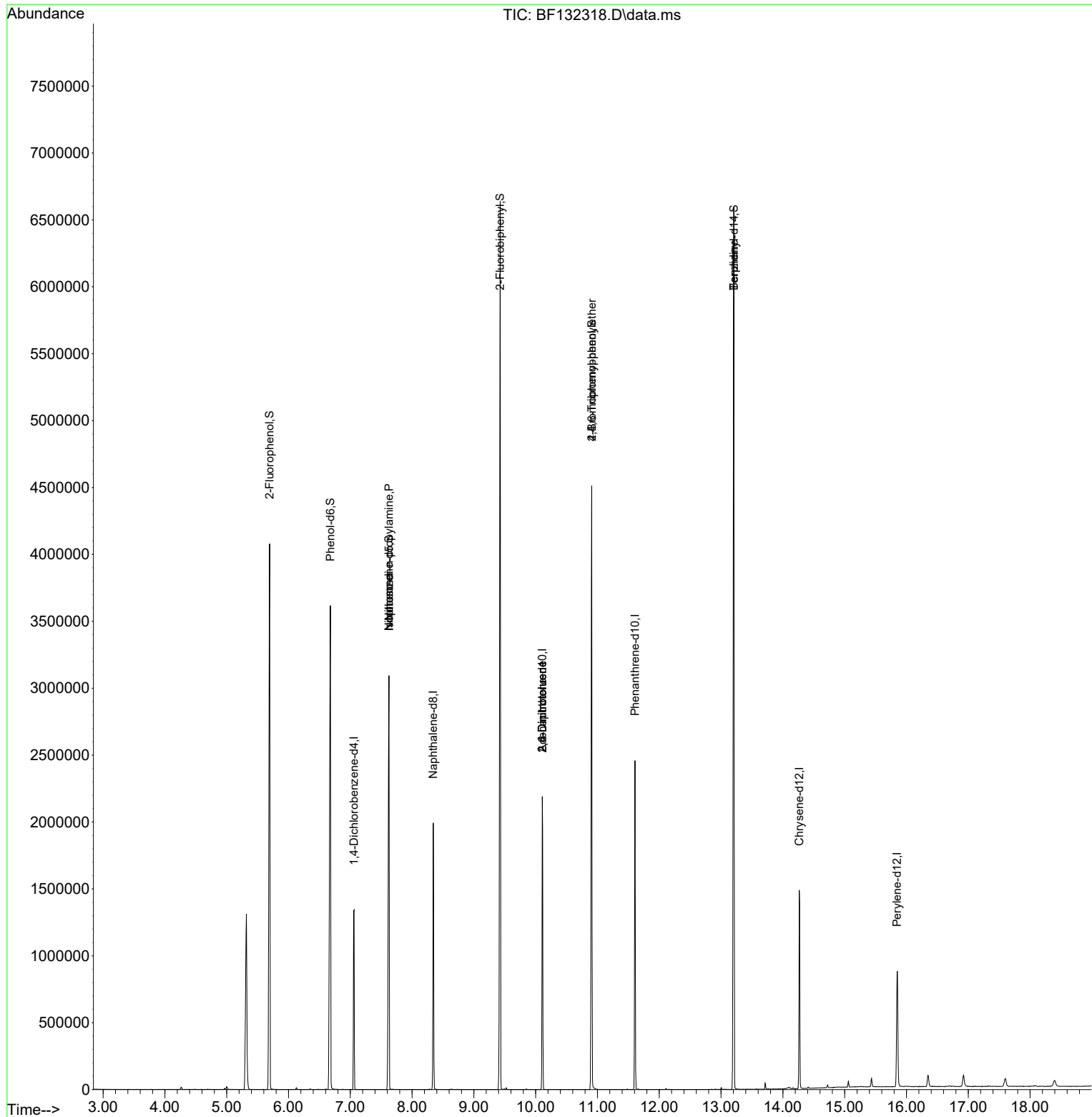
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.060	152	221774	20.000	ng	0.00
21) Naphthalene-d8	8.342	136	874827	20.000	ng	0.00
39) Acenaphthene-d10	10.107	164	455446	20.000	ng	0.00
64) Phenanthrene-d10	11.607	188	846512	20.000	ng	0.00
76) Chrysene-d12	14.265	240	509682	20.000	ng	# 0.00
86) Perylene-d12	15.848	264	406448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.695	112	1561874	113.203	ng	0.02
7) Phenol-d6	6.678	99	1923257	113.067	ng	0.00
23) Nitrobenzene-d5	7.625	82	1176072	74.809	ng	0.00
42) 2,4,6-Tribromophenol	10.907	330	639841	136.612	ng	0.00
45) 2-Fluorobiphenyl	9.425	172	2116084	71.749	ng	0.00
79) Terphenyl-d14	13.207	244	2450106	92.989	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.678	77	2679	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.625	70	145696	15.079	ng	# 76
25) Isophorone	7.625	82	1173241	39.320	ng	# 64
51) 2,6-Dinitrotoluene	10.107	165	59218	8.323	ng	# 24
57) 2,4-Dinitrotoluene	10.107	165	59218	6.407	ng	# 23
67) 4-Bromophenyl-phenylether	10.907	248	36051	4.159	ng	# 1
77) Benizidine	13.207	184	38849	2.180	ng	# 94

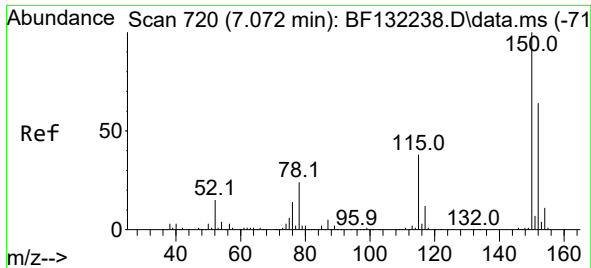
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
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BNA_F
ClientSampleId :
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Quant Time: Feb 04 01:36:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 04 01:32:42 2023
Response via : Initial Calibration

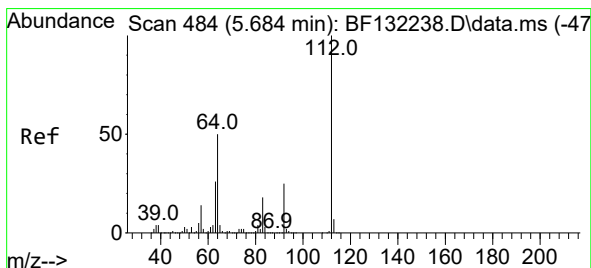
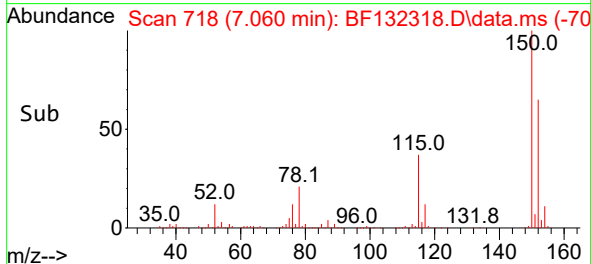
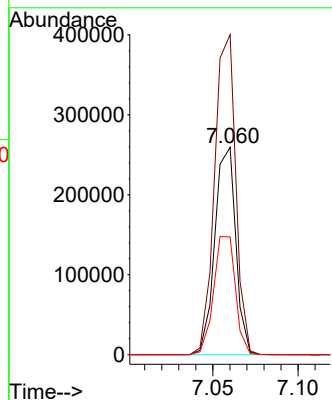
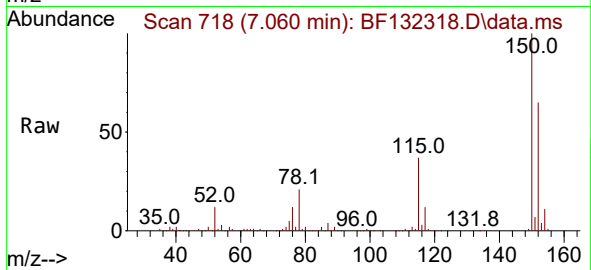




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.060 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132318.D
Acq: 03 Feb 2023 12:18

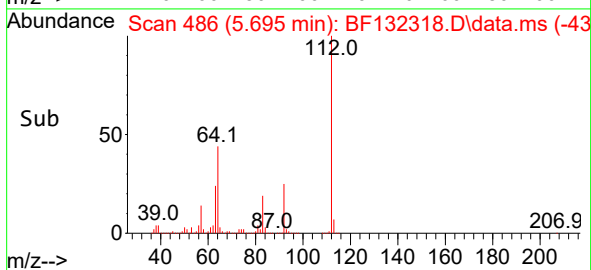
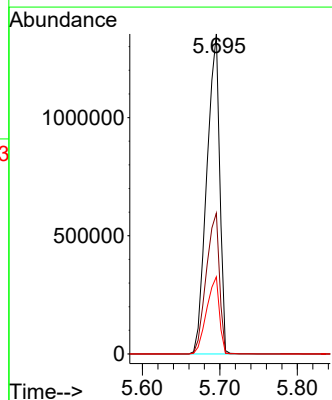
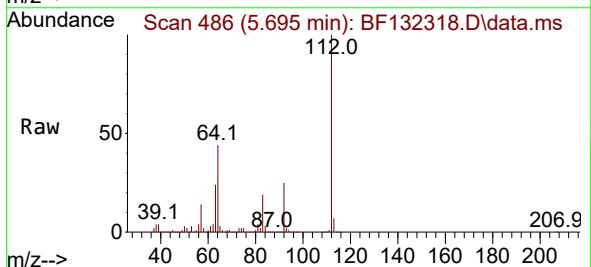
Instrument :
BNA_F
ClientSampleId :
PB150501BL

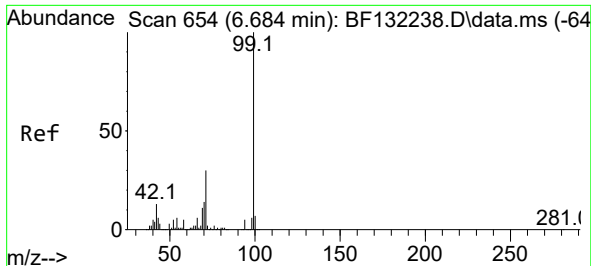
Tgt Ion:152 Resp: 221774
Ion Ratio Lower Upper
152 100
150 154.3 124.2 186.2
115 56.8 47.3 70.9



#5
2-Fluorophenol
Concen: 113.203 ng
RT: 5.695 min Scan# 486
Delta R.T. 0.018 min
Lab File: BF132318.D
Acq: 03 Feb 2023 12:18

Tgt Ion:112 Resp: 1561874
Ion Ratio Lower Upper
112 100
64 44.0 40.0 60.0
63 24.1 20.5 30.7

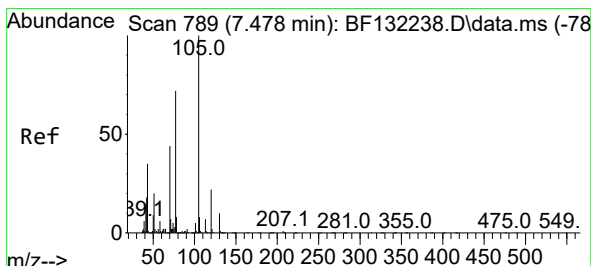
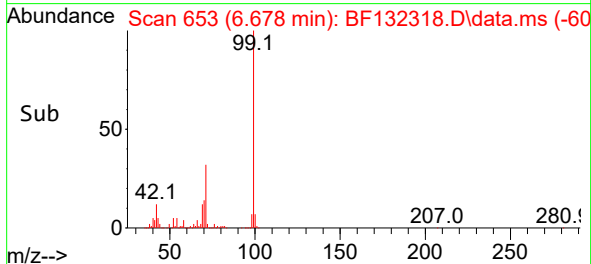
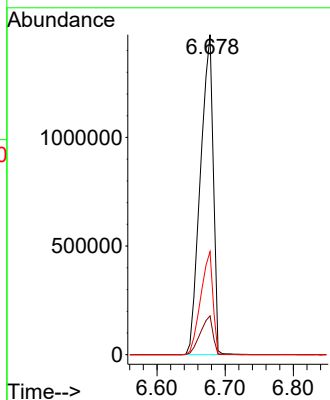
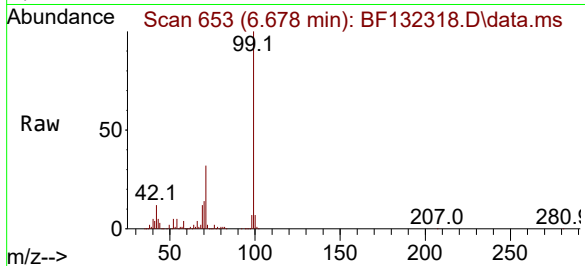




#7
Phenol-d6
Concen: 113.067 ng
RT: 6.678 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132318.D
Acq: 03 Feb 2023 12:18

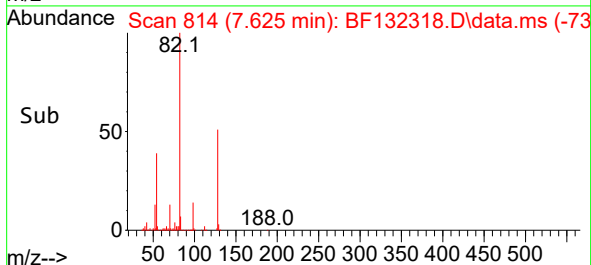
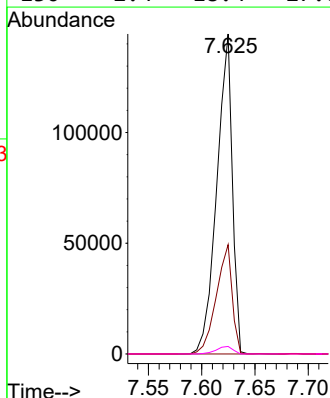
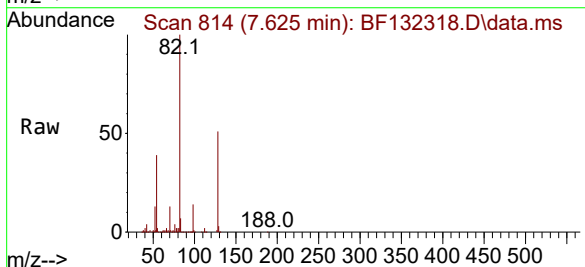
Instrument :
BNA_F
ClientSampleId :
PB150501BL

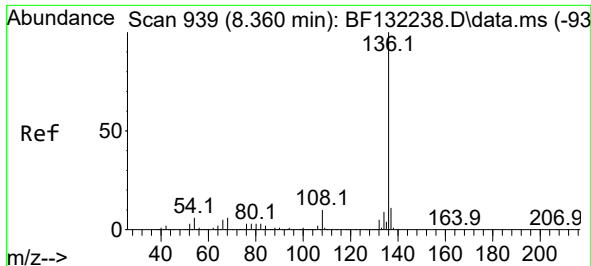
Tgt Ion: 99 Resp: 1923257
Ion Ratio Lower Upper
99 100
42 12.2 10.1 15.1
71 32.2 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.079 ng
RT: 7.625 min Scan# 814
Delta R.T. 0.153 min
Lab File: BF132318.D
Acq: 03 Feb 2023 12:18

Tgt Ion: 70 Resp: 145696
Ion Ratio Lower Upper
70 100
42 34.1 33.4 50.0
101 0.0 8.2 12.4#
130 2.4 18.4 27.6#



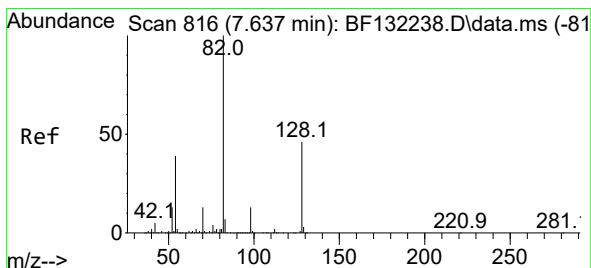
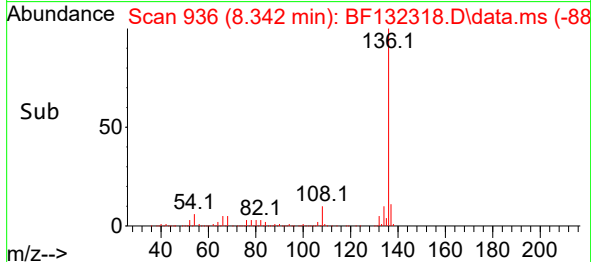
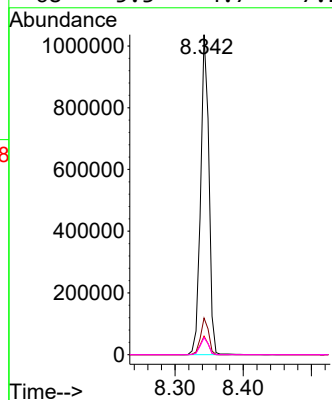
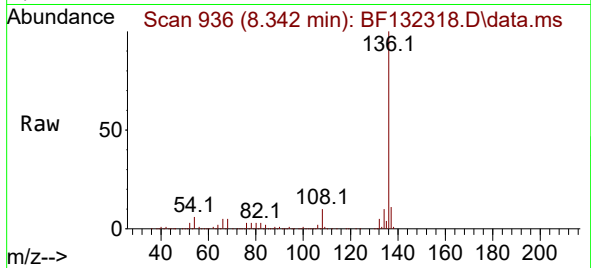


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.342 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132318.D
Acq: 03 Feb 2023 12:18

Instrument :
BNA_F
ClientSampleId :
PB150501BL

Tgt Ion:136 Resp: 874827

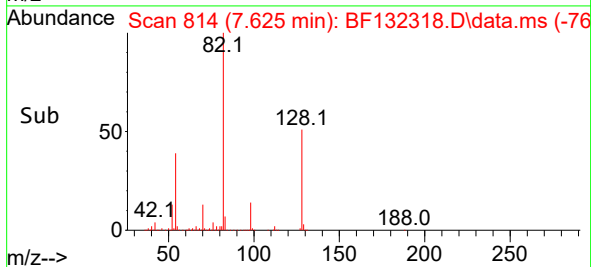
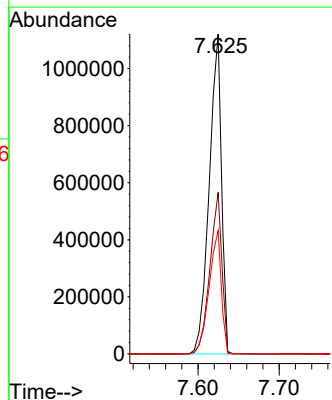
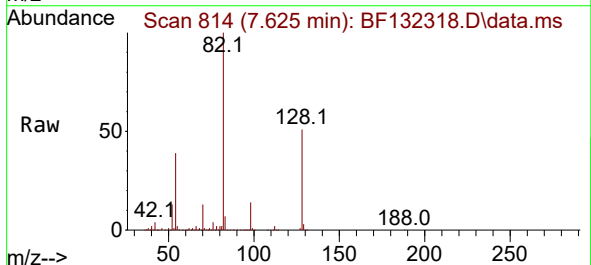
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	5.8	4.9	7.3
68	5.3	4.7	7.1

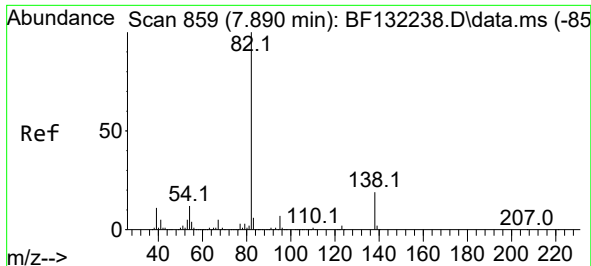


#23
Nitrobenzene-d5
Concen: 74.809 ng
RT: 7.625 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF132318.D
Acq: 03 Feb 2023 12:18

Tgt Ion: 82 Resp: 1176072

Ion	Ratio	Lower	Upper
82	100		
128	50.5	37.0	55.4
54	38.5	31.5	47.3

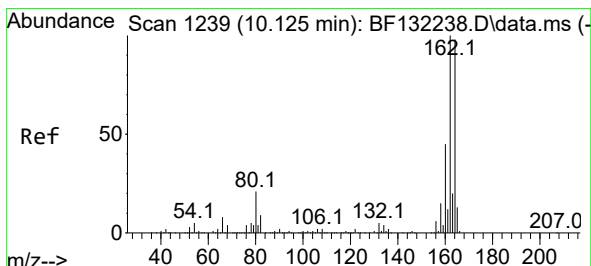
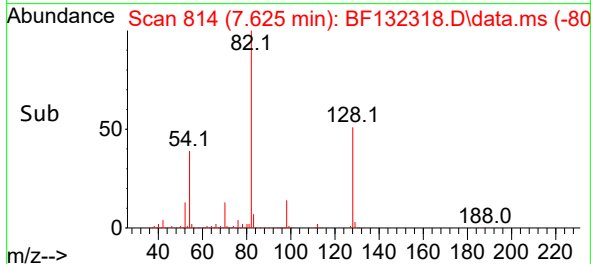
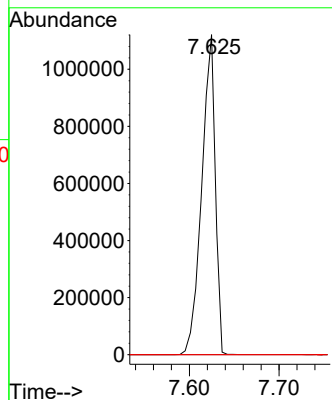
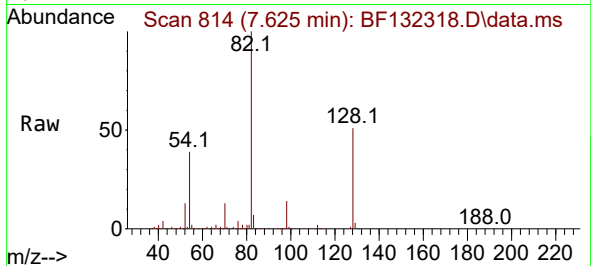




#25
Isophorone
Concen: 39.320 ng
RT: 7.625 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132318.D
Acq: 03 Feb 2023 12:18

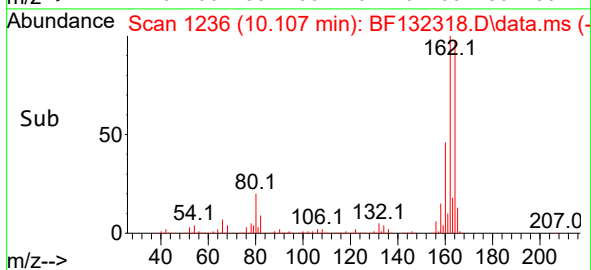
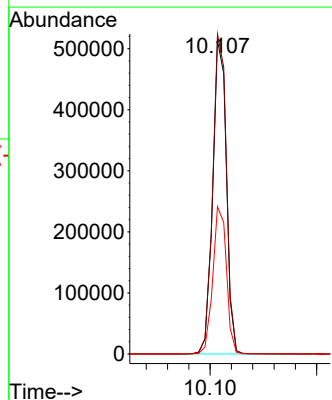
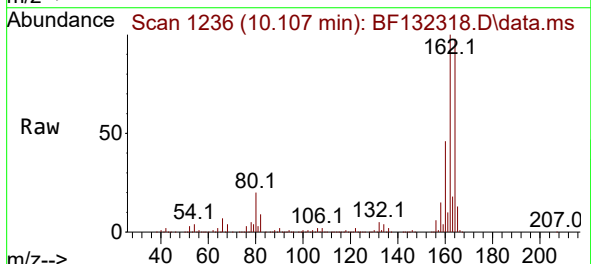
Instrument :
BNA_F
ClientSampleId :
PB150501BL

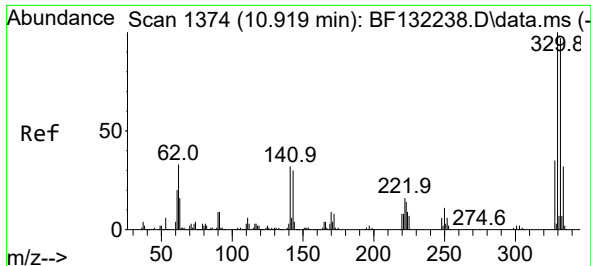
Tgt Ion: 82 Resp: 1173241
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.107 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF132318.D
Acq: 03 Feb 2023 12:18

Tgt Ion:164 Resp: 455446
Ion Ratio Lower Upper
164 100
162 102.0 82.0 123.0
160 47.0 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 136.612 ng

RT: 10.907 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132318.D

Acq: 03 Feb 2023 12:18

Instrument :

BNA_F

ClientSampleId :

PB150501BL

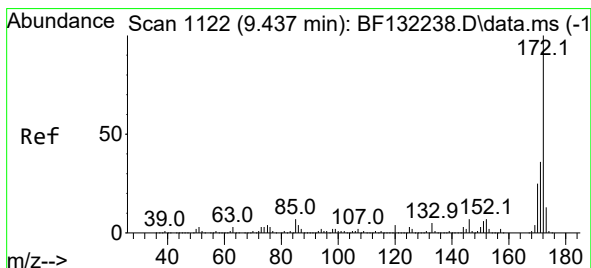
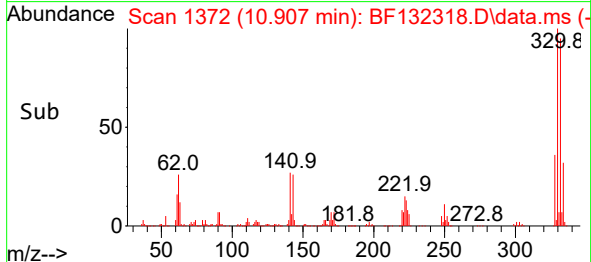
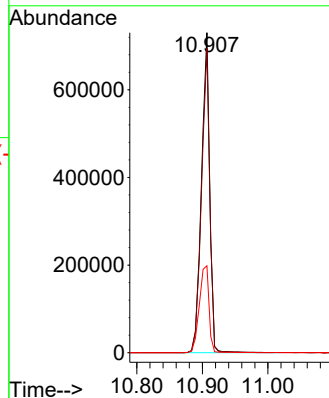
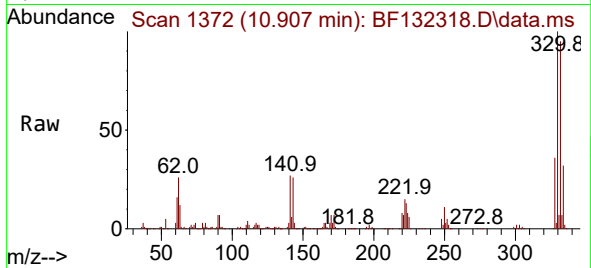
Tgt Ion:330 Resp: 639841

Ion Ratio Lower Upper

330 100

332 95.1 77.9 116.9

141 31.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 71.749 ng

RT: 9.425 min Scan# 1120

Delta R.T. -0.000 min

Lab File: BF132318.D

Acq: 03 Feb 2023 12:18

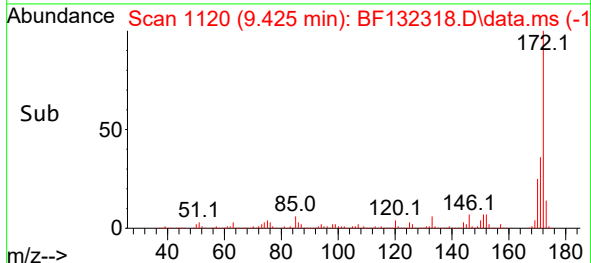
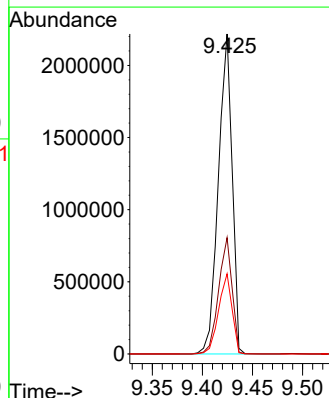
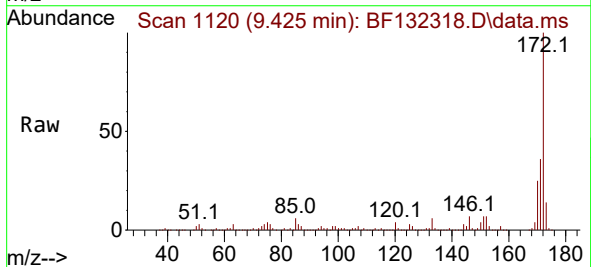
Tgt Ion:172 Resp: 2116084

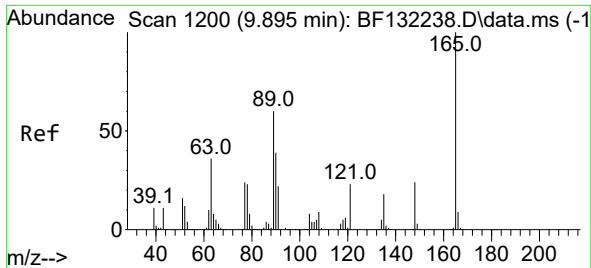
Ion Ratio Lower Upper

172 100

171 36.4 28.6 43.0

170 25.0 19.7 29.5

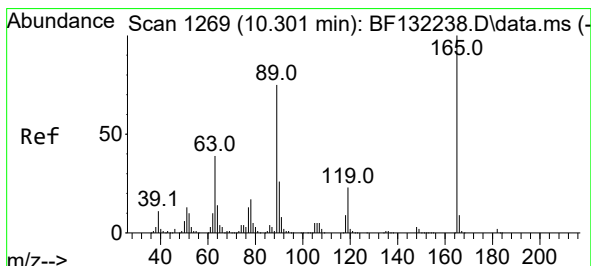
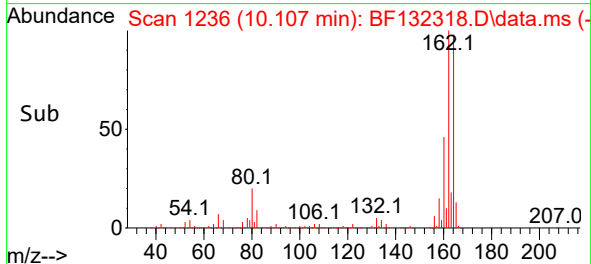
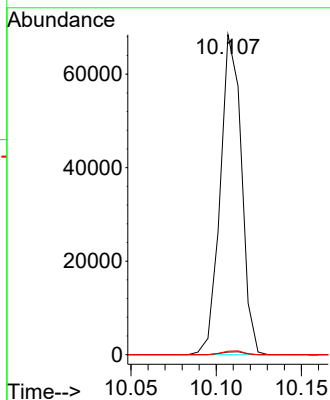
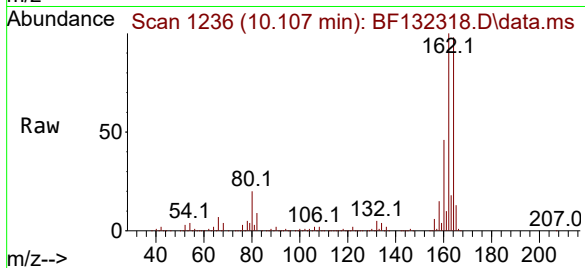




#51
2,6-Dinitrotoluene
Concen: 8.323 ng
RT: 10.107 min Scan# 1236
Delta R.T. 0.218 min
Lab File: BF132318.D
Acq: 03 Feb 2023 12:18

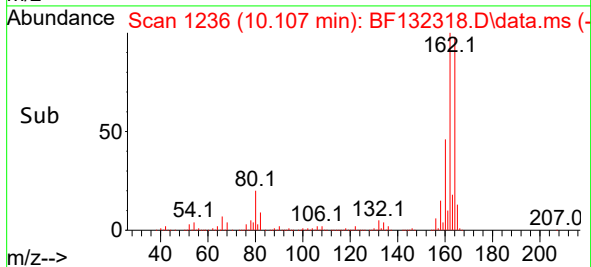
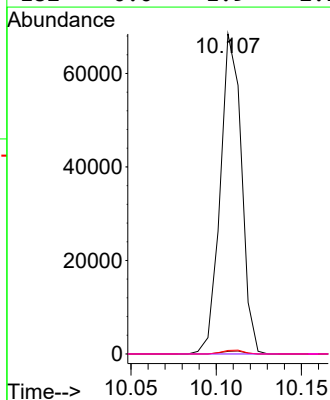
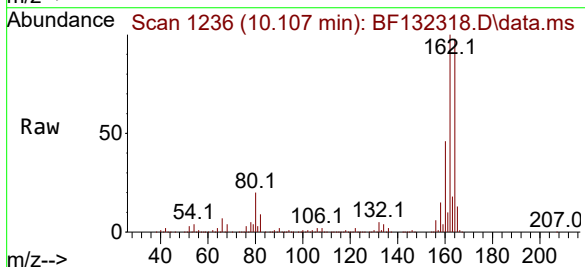
Instrument :
BNA_F
ClientSampleId :
PB150501BL

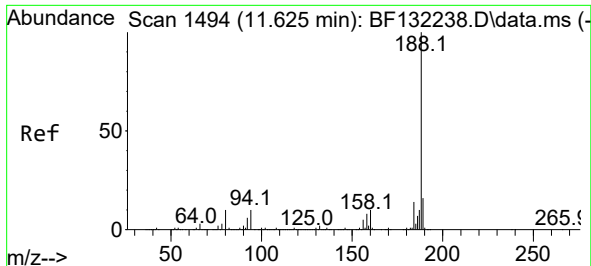
Tgt Ion:165 Resp: 59218
Ion Ratio Lower Upper
165 100
63 0.8 41.5 62.3#
89 1.1 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.407 ng
RT: 10.107 min Scan# 1236
Delta R.T. -0.188 min
Lab File: BF132318.D
Acq: 03 Feb 2023 12:18

Tgt Ion:165 Resp: 59218
Ion Ratio Lower Upper
165 100
63 0.8 30.9 46.3#
89 1.1 60.1 90.1#
182 0.0 1.9 2.9#

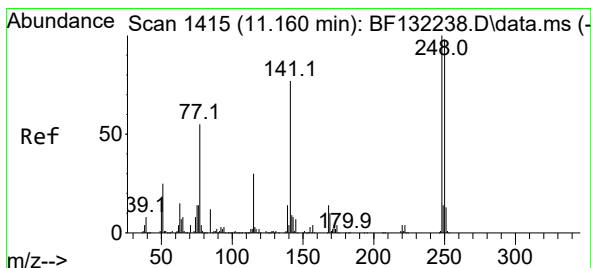
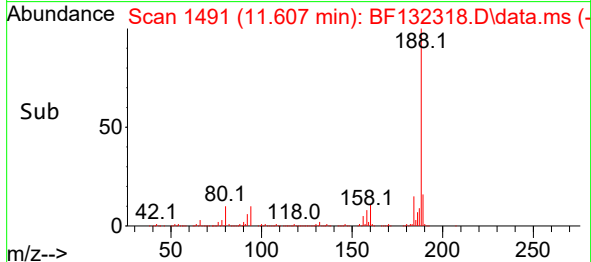
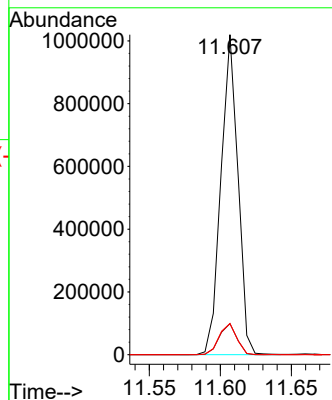
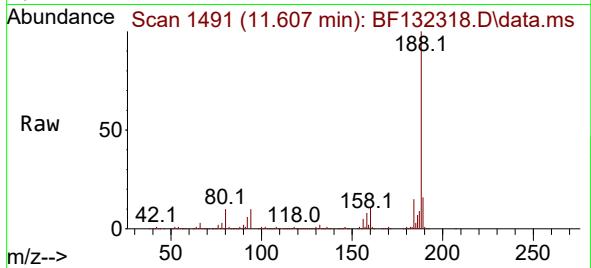




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.607 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132318.D
Acq: 03 Feb 2023 12:18

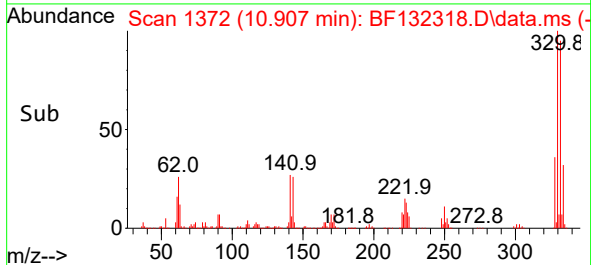
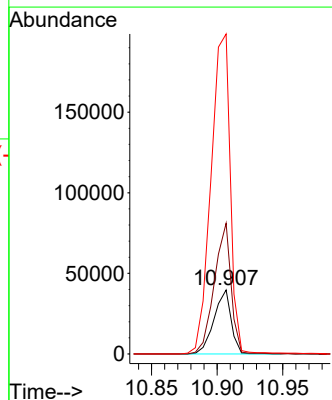
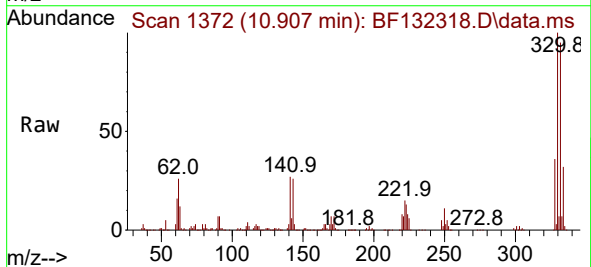
Instrument :
BNA_F
ClientSampleId :
PB150501BL

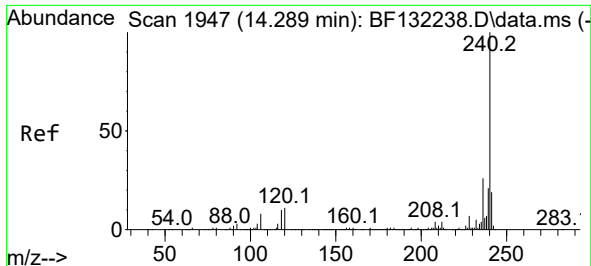
Tgt Ion:188 Resp: 846512
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 9.8 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 4.159 ng
RT: 10.907 min Scan# 1372
Delta R.T. -0.241 min
Lab File: BF132318.D
Acq: 03 Feb 2023 12:18

Tgt Ion:248 Resp: 36051
Ion Ratio Lower Upper
248 100
250 204.4 78.6 117.8#
141 500.4 61.6 92.4#

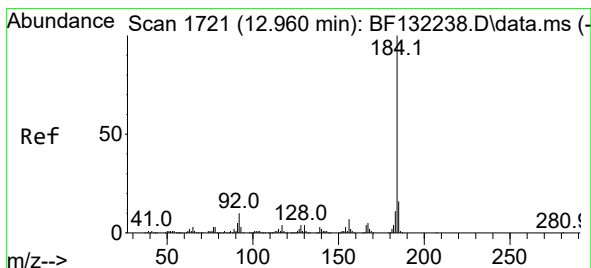
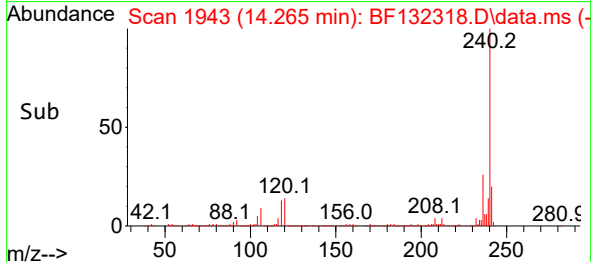
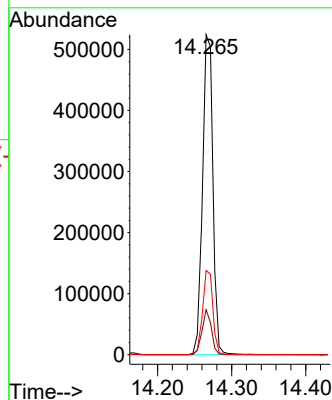
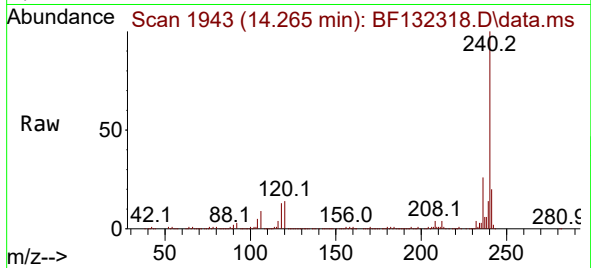




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.265 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BF132318.D
Acq: 03 Feb 2023 12:18

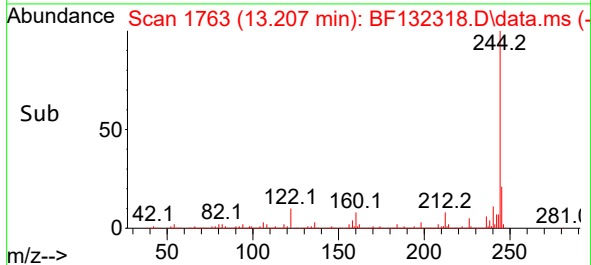
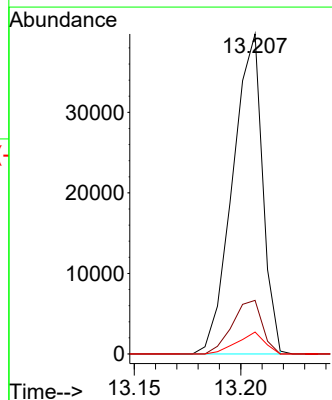
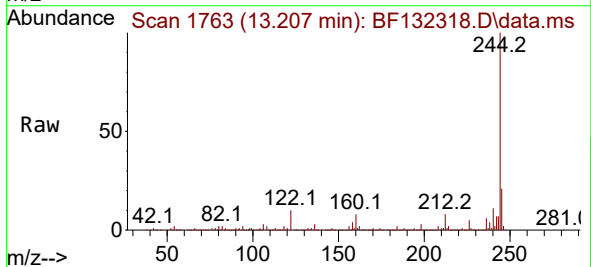
Instrument :
BNA_F
ClientSampleId :
PB150501BL

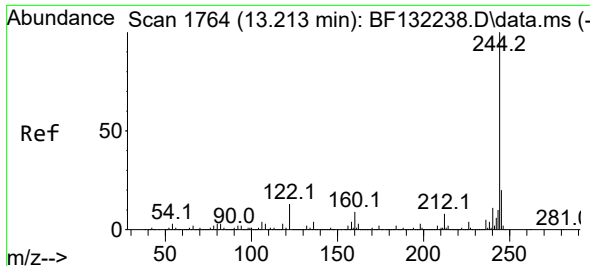
Tgt Ion:240 Resp: 509682
Ion Ratio Lower Upper
240 100
120 14.1 8.8 13.2#
236 26.3 21.0 31.6



#77
Benzidine
Concen: 2.180 ng
RT: 13.207 min Scan# 1763
Delta R.T. 0.259 min
Lab File: BF132318.D
Acq: 03 Feb 2023 12:18

Tgt Ion:184 Resp: 38849
Ion Ratio Lower Upper
184 100
185 16.8 12.6 18.8
183 6.9 8.9 13.3#

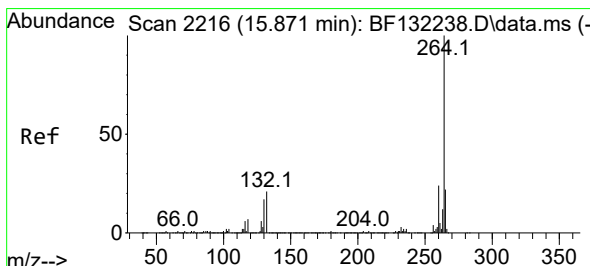
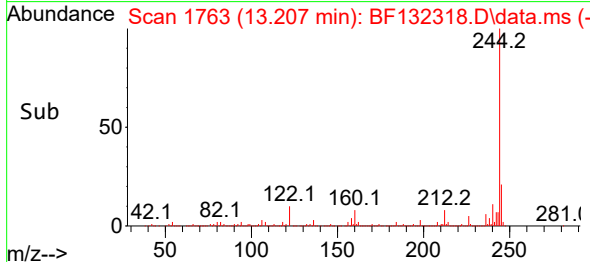
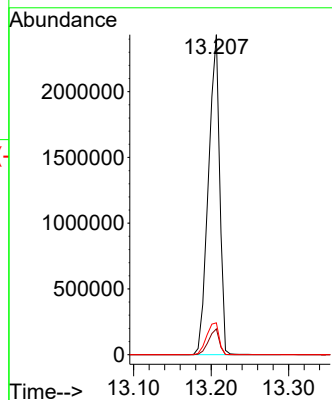
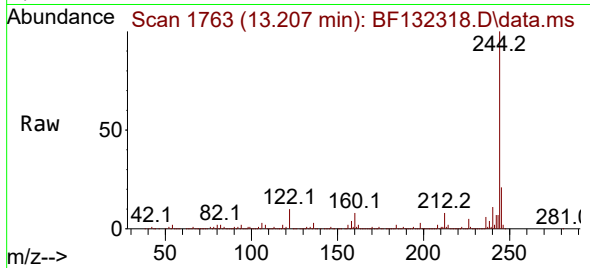




#79
 Terphenyl-d14
 Concen: 92.989 ng
 RT: 13.207 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF132318.D
 Acq: 03 Feb 2023 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB150501BL

Tgt Ion:244 Resp: 2450106
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 10.0 10.5 15.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.848 min Scan# 2212
 Delta R.T. -0.006 min
 Lab File: BF132318.D
 Acq: 03 Feb 2023 12:18

Tgt Ion:264 Resp: 406448
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.0 17.4 26.2

