

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132383.D
 Acq On : 09 Feb 2023 17:35
 Operator : CG\JU
 Sample : 01454-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WP-1

Quant Time: Feb 10 01:00:55 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 09 01:56:26 2023
 Response via : Initial Calibration

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

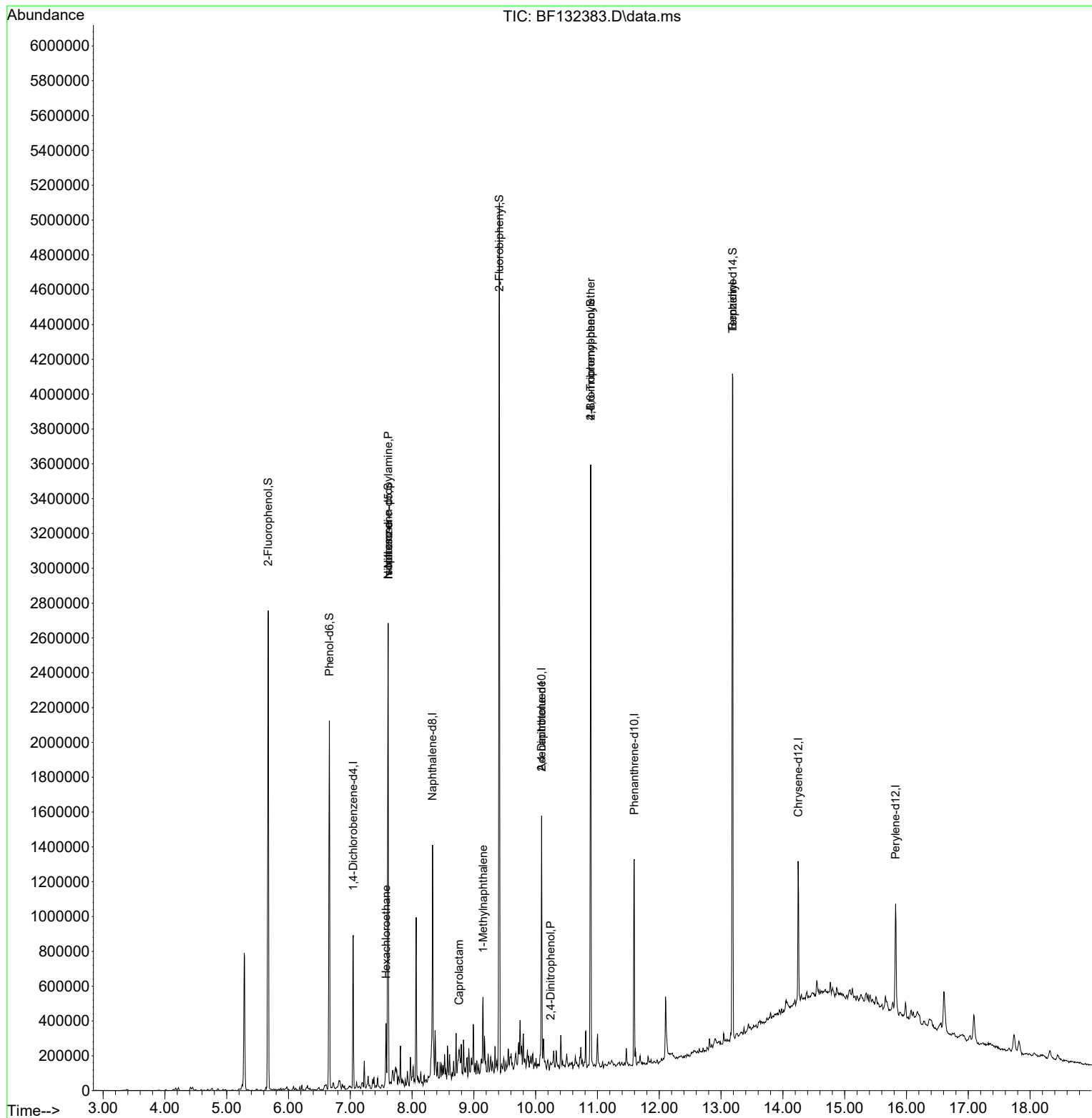
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	145331	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	531245	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	268215	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	469993	20.000	ng	# 0.00
76) Chrysene-d12	14.248	240	260327	20.000	ng	0.00
86) Perylene-d12	15.824	264	308666	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	908515	100.484	ng	0.01
7) Phenol-d6	6.660	99	838077	75.186	ng	0.00
23) Nitrobenzene-d5	7.613	82	831939	87.145	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	479199	173.735	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1574717	90.665	ng	0.00
79) Terphenyl-d14	13.189	244	1452545	107.934	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.596	77	1595	Below Cal	#	82
18) Hexachloroethane	7.578	117	21965	5.923	ng	# 1
19) n-Nitroso-di-n-propyla...	7.613	70	103505	16.347	ng	# 77
25) Isophorone	7.613	82	831939	45.914	ng	# 64
35) Caprolactam	8.760	113	41218	16.377	ng	94
38) 1-Methylnaphthalene	9.148	142	101706	6.179	ng	99
54) 2,4-Dinitrophenol	10.242	184	294	4.442	ng	# 1
57) 2,4-Dinitrotoluene	10.095	165	36266	6.663	ng	# 24
67) 4-Bromophenyl-phenylether	10.889	248	26870	5.583	ng	# 1
77) Benzidine	13.183	184	23824	2.618	ng	# 86

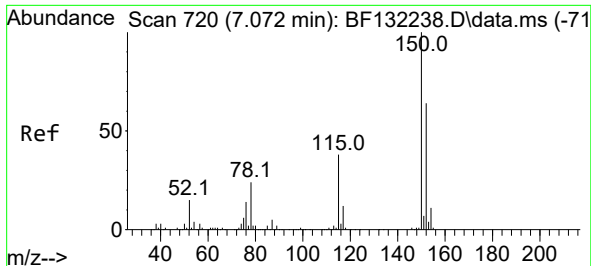
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 10 01:00:55 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 09 01:56:26 2023
Response via : Initial Calibration

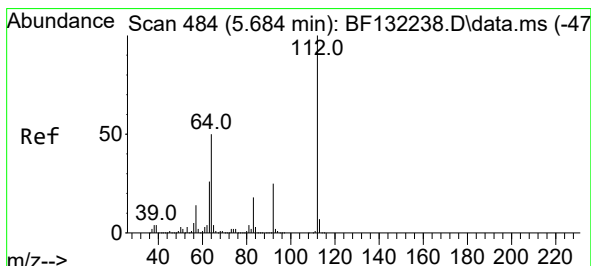
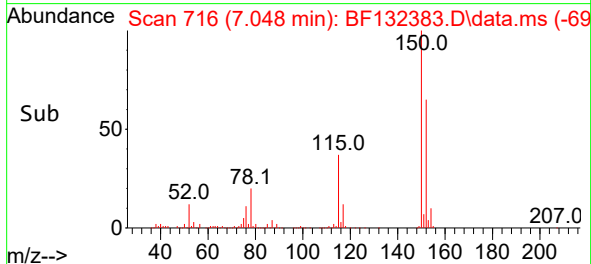
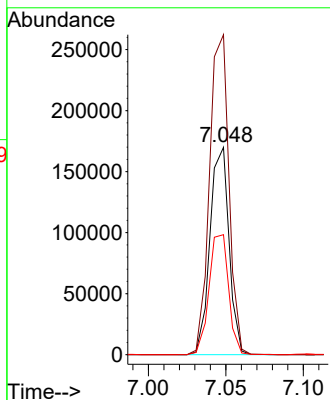
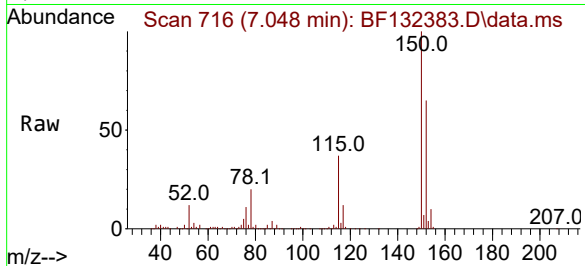




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.048 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132383.D
 Acq: 09 Feb 2023 17:35

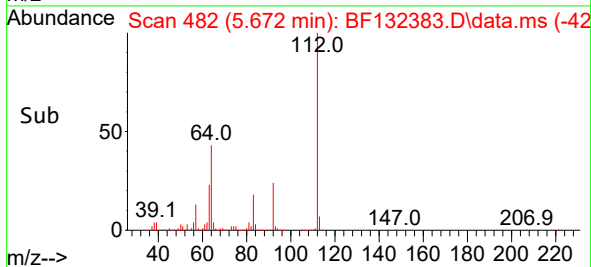
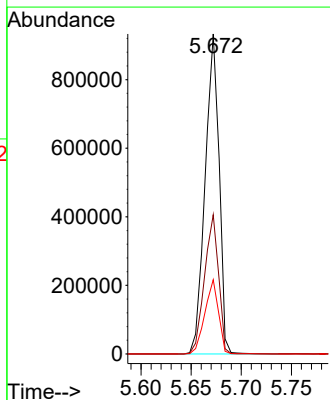
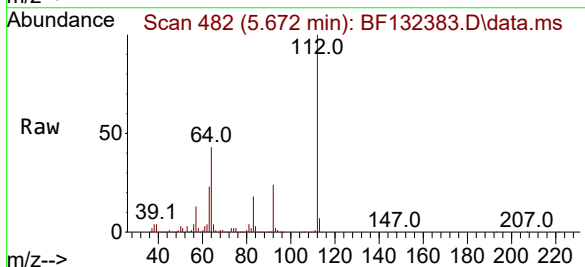
Instrument :
 BNA_F
 ClientSampleId :
 WP-1

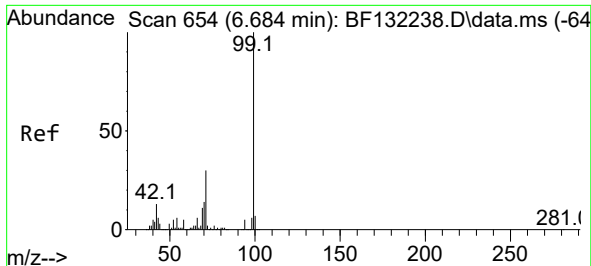
Tgt Ion:152 Resp: 145331
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.2 186.2
 115 57.9 47.3 70.9



#5
 2-Fluorophenol
 Concen: 100.484 ng
 RT: 5.672 min Scan# 482
 Delta R.T. 0.012 min
 Lab File: BF132383.D
 Acq: 09 Feb 2023 17:35

Tgt Ion:112 Resp: 908515
 Ion Ratio Lower Upper
 112 100
 64 43.5 40.0 60.0
 63 23.2 20.5 30.7





#7

Phenol-d6

Concen: 75.186 ng

RT: 6.660 min Scan# 61

Delta R.T. -0.006 min

Lab File: BF132383.D

Acq: 09 Feb 2023 17:35

Instrument :

BNA_F

ClientSampleId :

WP-1

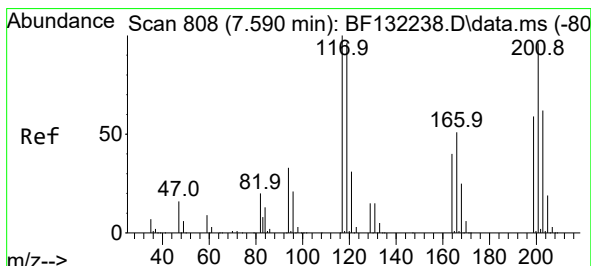
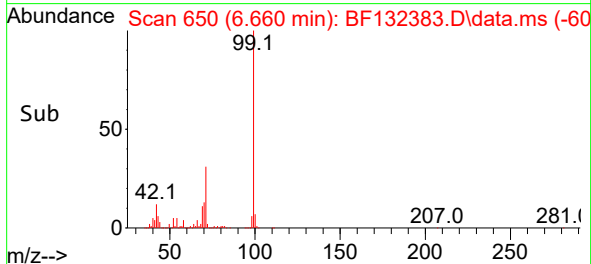
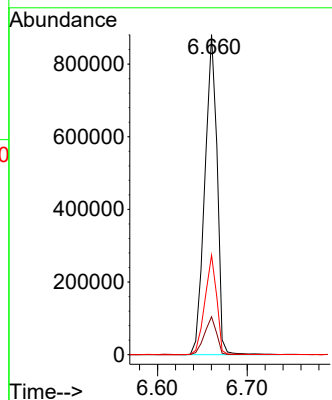
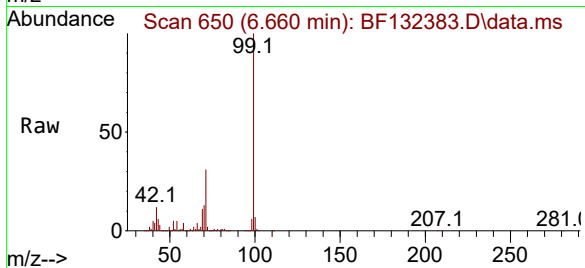
Tgt Ion: 99 Resp: 838077

Ion Ratio Lower Upper

99 100

42 11.8 10.1 15.1

71 31.1 24.2 36.4



#18

Hexachloroethane

Concen: 5.923 ng

RT: 7.578 min Scan# 806

Delta R.T. 0.012 min

Lab File: BF132383.D

Acq: 09 Feb 2023 17:35

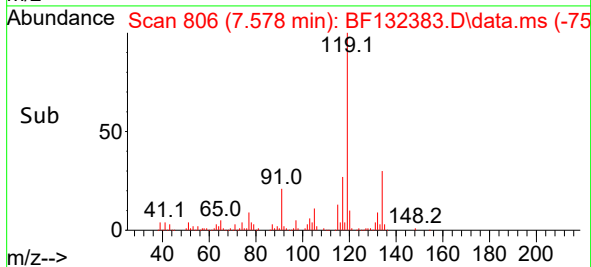
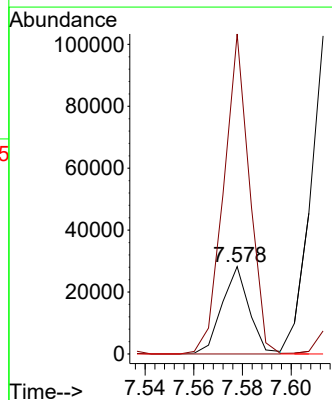
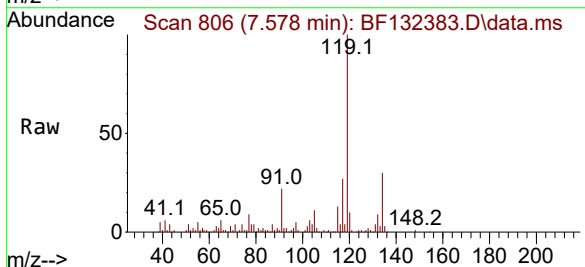
Tgt Ion: 117 Resp: 21965

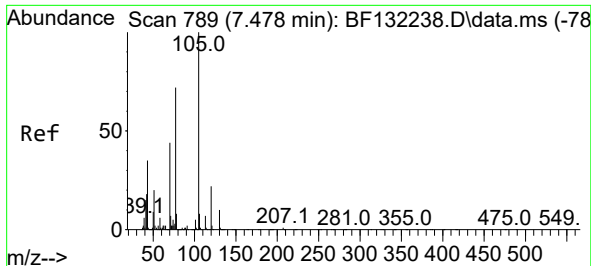
Ion Ratio Lower Upper

117 100

119 366.1 76.7 115.1#

201 0.0 76.6 114.8#

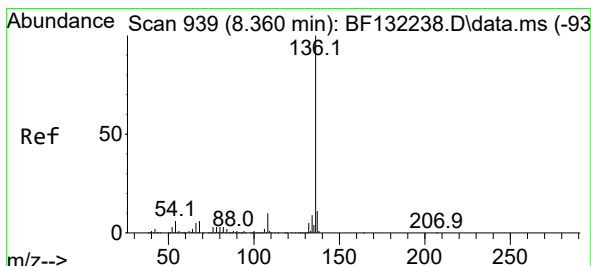
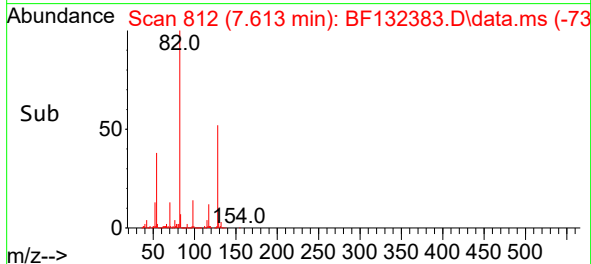
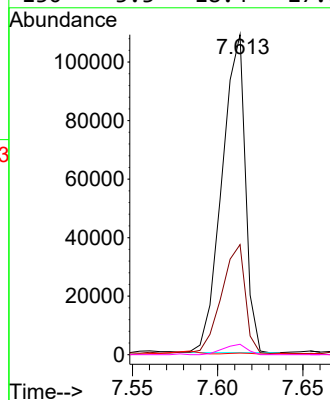
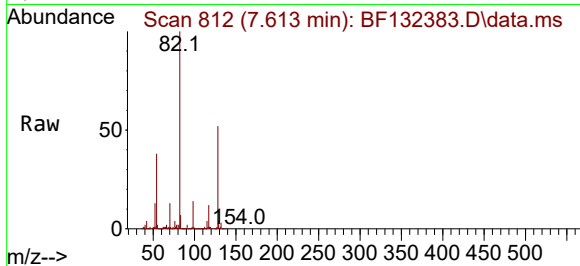




#19
n-Nitroso-di-n-propylamine
Concen: 16.347 ng
RT: 7.613 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

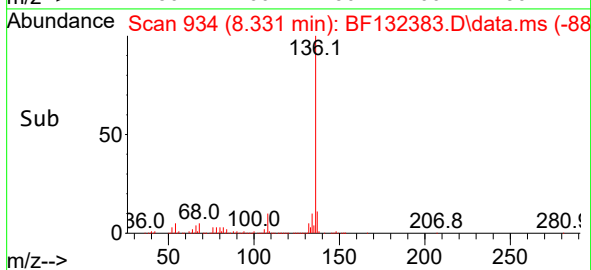
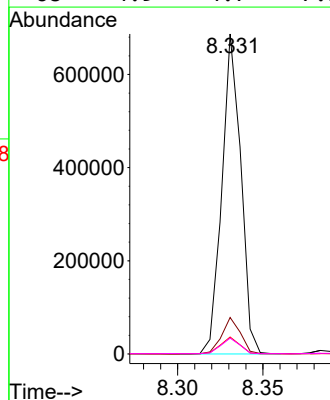
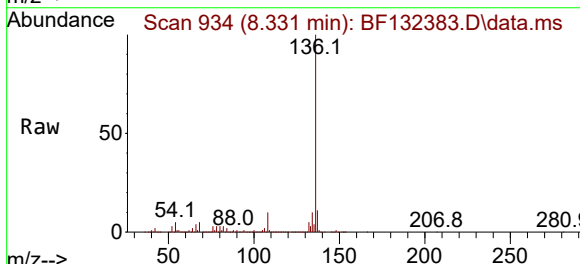
Instrument :
BNA_F
ClientSampleId :
WP-1

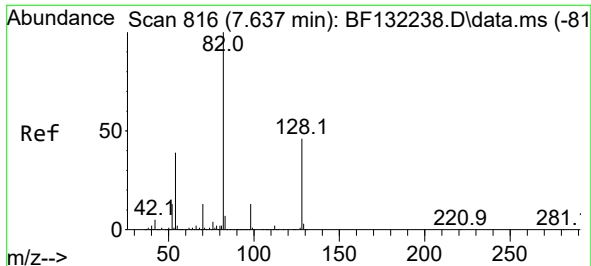
Tgt Ion: 70 Resp: 103505
Ion Ratio Lower Upper
70 100
42 34.4 33.4 50.0
101 0.5 8.2 12.4#
130 3.3 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.331 min Scan# 934
Delta R.T. -0.006 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

Tgt Ion:136 Resp: 531245
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 5.3 4.9 7.3
68 4.9 4.7 7.1





#23

Nitrobenzene-d5

Concen: 87.145 ng

RT: 7.613 min Scan# 812

Delta R.T. 0.000 min

Lab File: BF132383.D

Acq: 09 Feb 2023 17:35

Instrument :

BNA_F

ClientSampleId :

WP-1

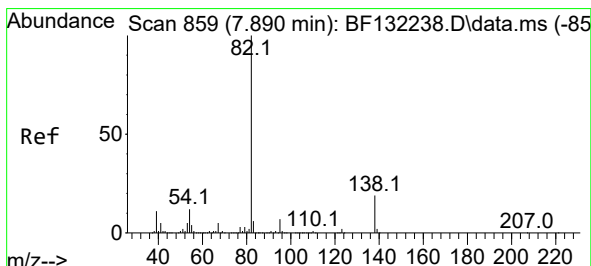
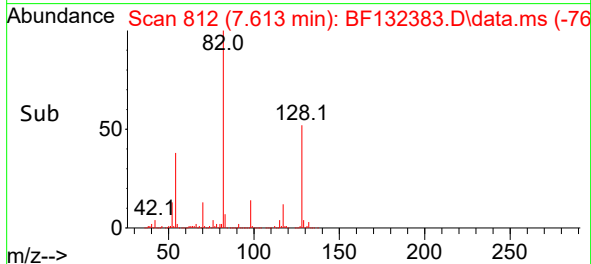
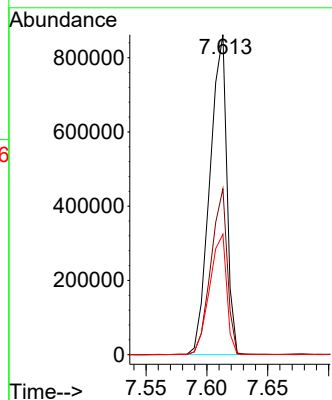
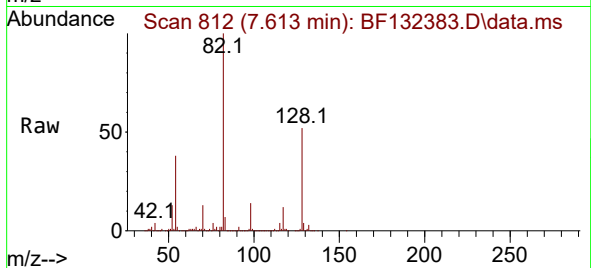
Tgt Ion: 82 Resp: 831939

Ion Ratio Lower Upper

82 100

128 51.8 37.0 55.4

54 37.6 31.5 47.3



#25

Isophorone

Concen: 45.914 ng

RT: 7.613 min Scan# 812

Delta R.T. -0.259 min

Lab File: BF132383.D

Acq: 09 Feb 2023 17:35

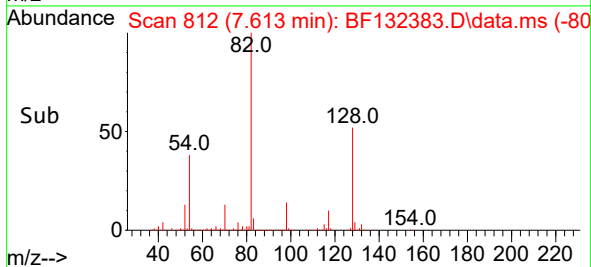
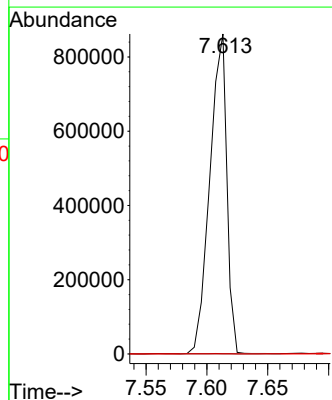
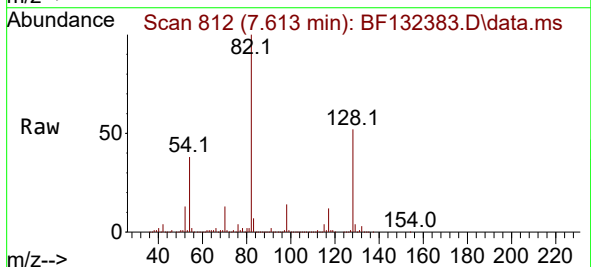
Tgt Ion: 82 Resp: 831939

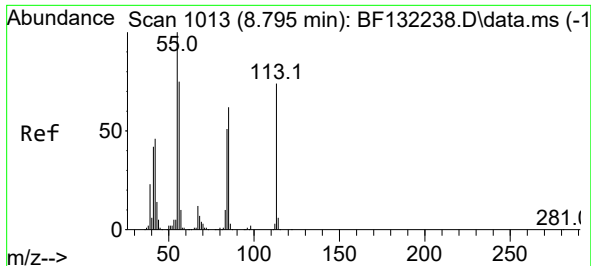
Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

138 0.0 15.0 22.6#

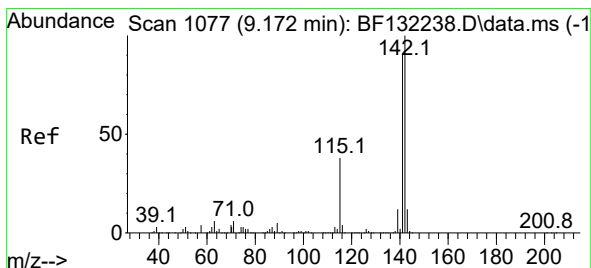
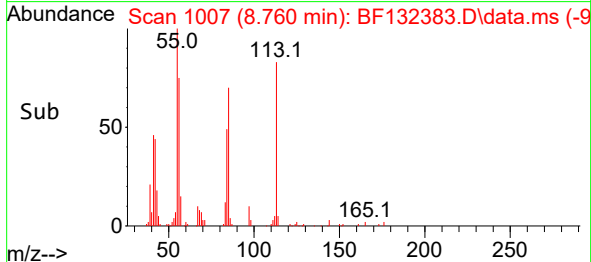
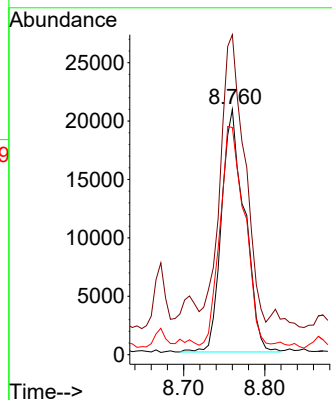
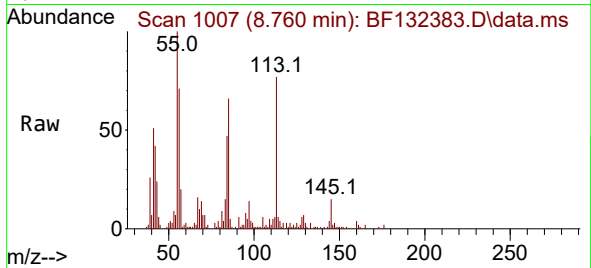




#35
Caprolactam
Concen: 16.377 ng
RT: 8.760 min Scan# 1013
Delta R.T. -0.023 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

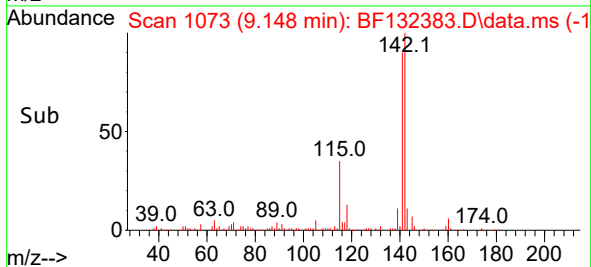
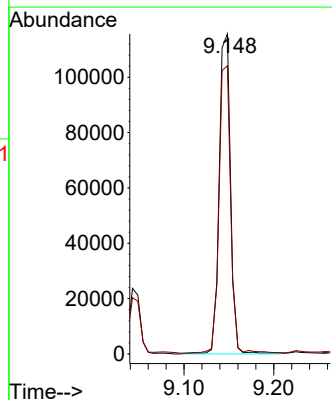
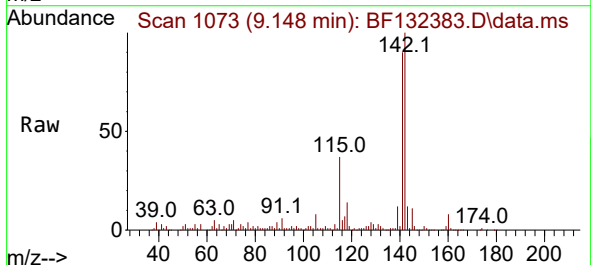
Instrument :
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ClientSampleId :
WP-1

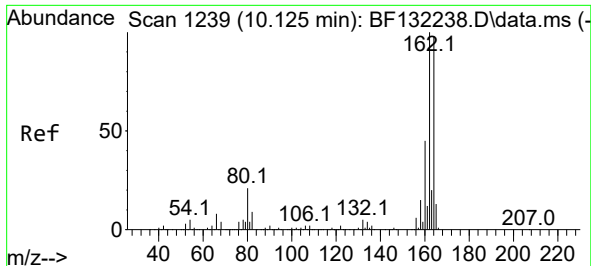
Tgt Ion:113 Resp: 41218
Ion Ratio Lower Upper
113 100
55 130.4 114.7 154.7
56 92.6 81.1 121.1



#38
1-Methylnaphthalene
Concen: 6.179 ng
RT: 9.148 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

Tgt Ion:142 Resp: 101706
Ion Ratio Lower Upper
142 100
141 90.1 72.6 108.8

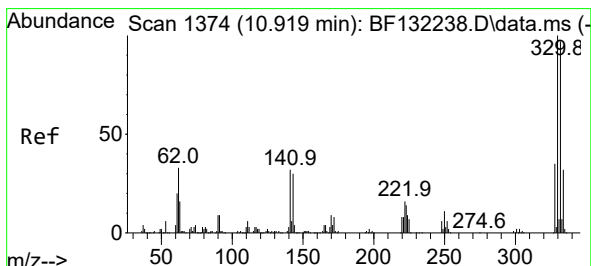
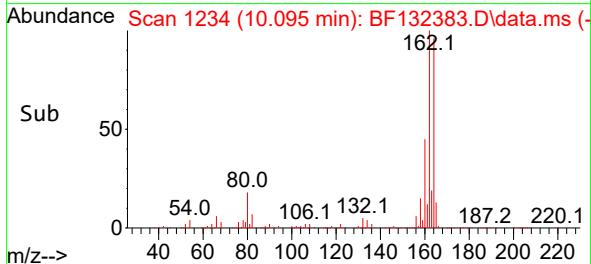
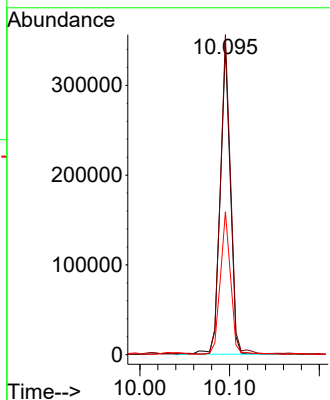
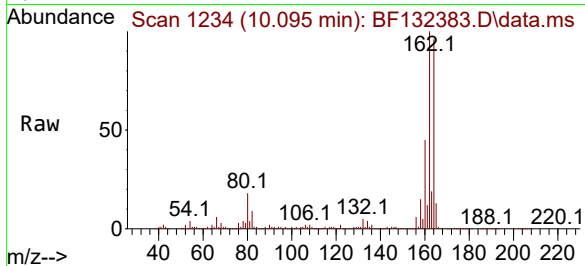




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

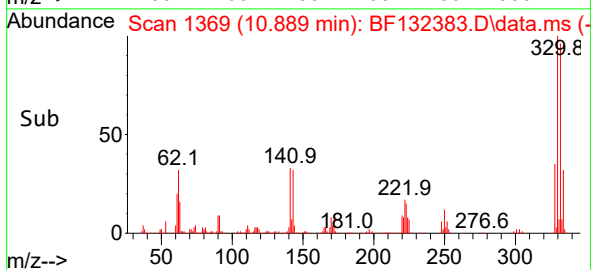
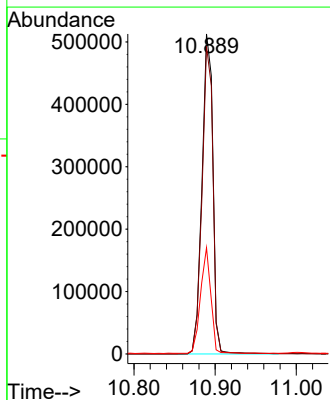
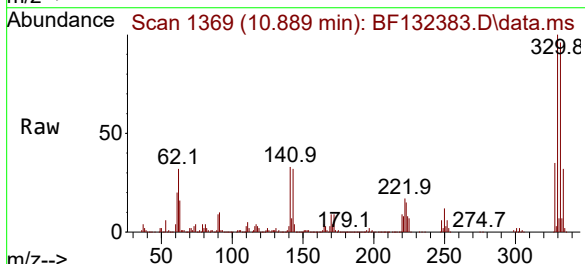
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ClientSampleId :
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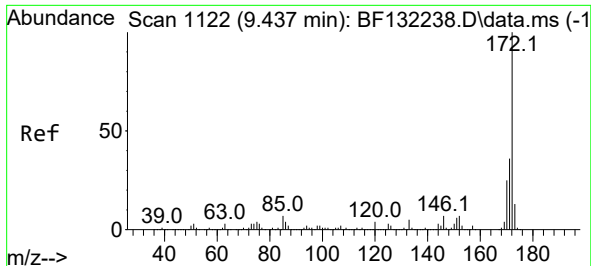
Tgt Ion:164 Resp: 268215
Ion Ratio Lower Upper
164 100
162 103.7 82.0 123.0
160 46.3 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 173.735 ng
RT: 10.889 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

Tgt Ion:330 Resp: 479199
Ion Ratio Lower Upper
330 100
332 96.2 77.9 116.9
141 31.1 31.0 46.4

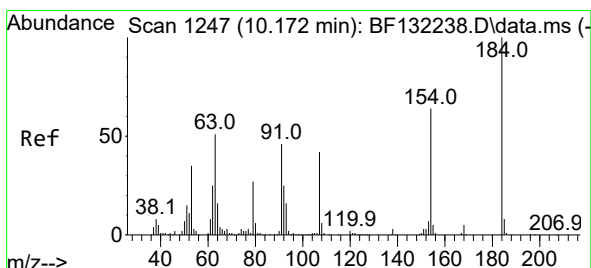
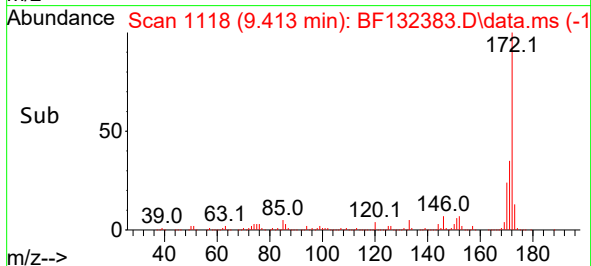
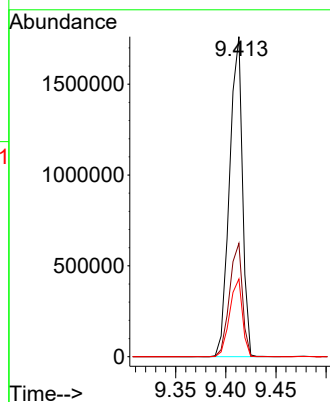
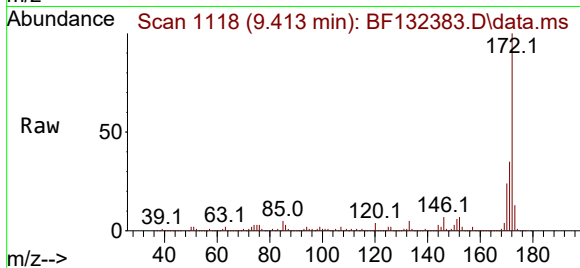




#45
2-Fluorobiphenyl
Concen: 90.665 ng
RT: 9.413 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

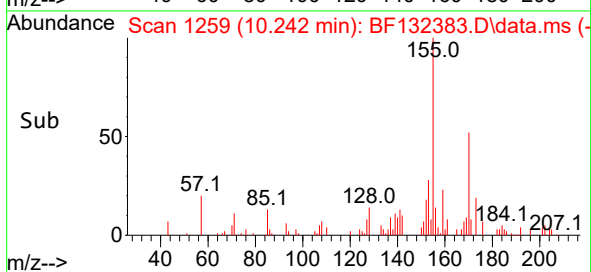
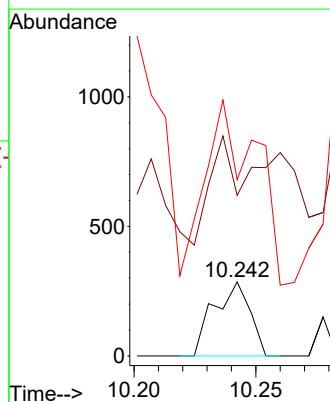
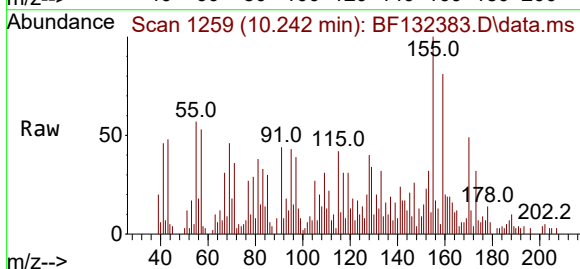
Instrument :
BNA_F
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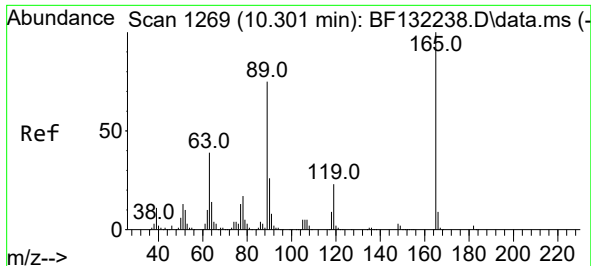
Tgt Ion:172 Resp: 1574717
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.3 19.7 29.5



#54
2,4-Dinitrophenol
Concen: 4.442 ng
RT: 10.242 min Scan# 1259
Delta R.T. 0.094 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

Tgt Ion:184 Resp: 294
Ion Ratio Lower Upper
184 100
63 216.8 41.6 62.4#
154 237.8 57.0 85.6#

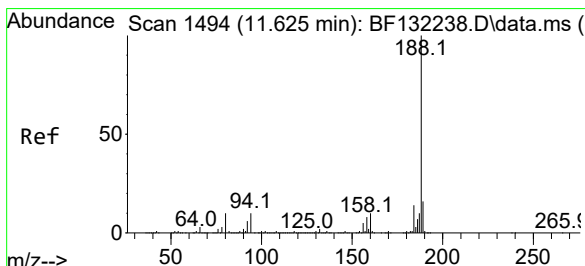
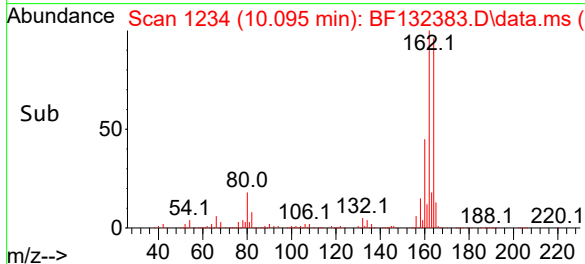
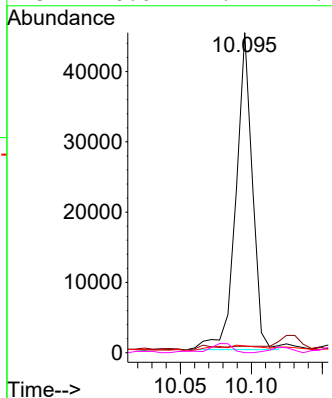
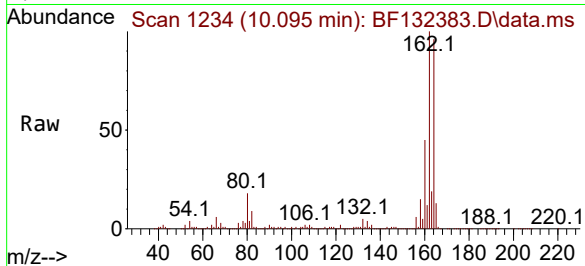




#57
2,4-Dinitrotoluene
Concen: 6.663 ng
RT: 10.095 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

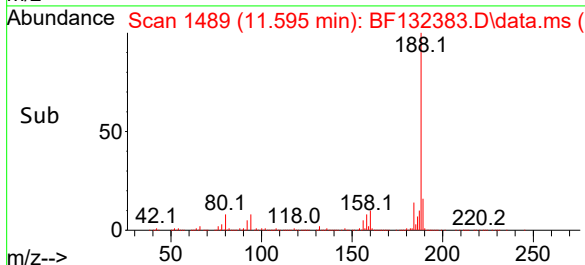
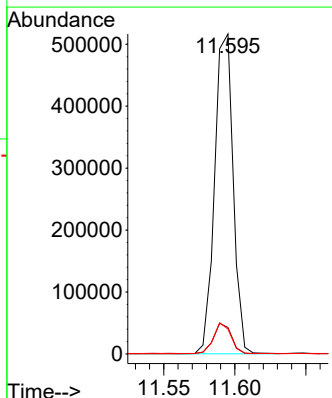
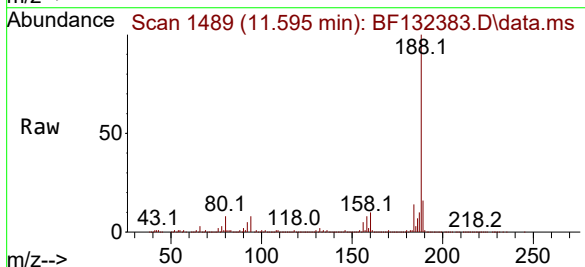
Instrument :
BNA_F
ClientSampleId :
WP-1

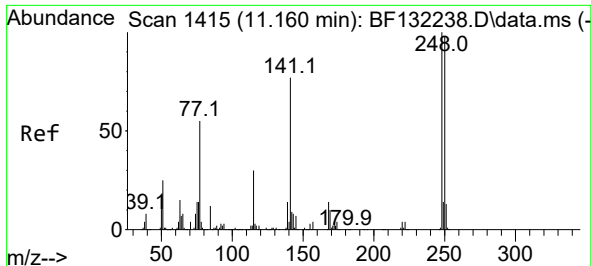
Tgt Ion:165 Resp: 36266
Ion Ratio Lower Upper
165 100
63 2.0 30.9 46.3#
89 2.1 60.1 90.1#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

Tgt Ion:188 Resp: 469993
Ion Ratio Lower Upper
188 100
94 8.3 8.2 12.2
80 7.8 8.3 12.5#

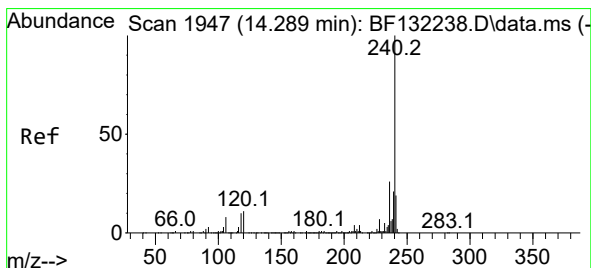
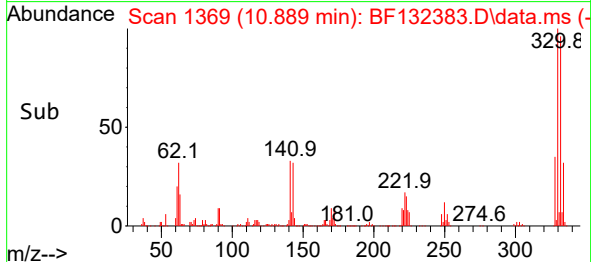
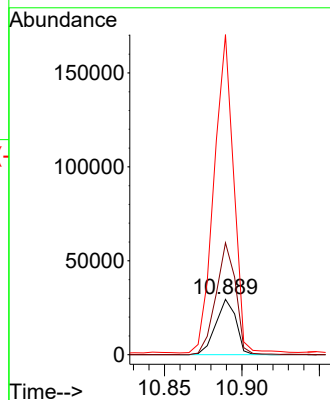
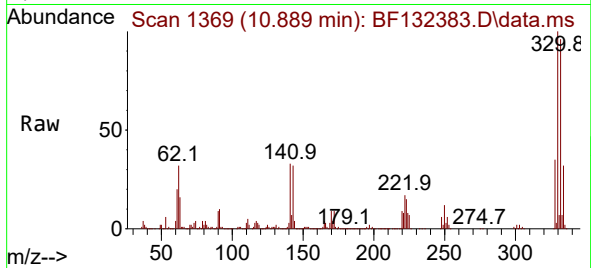




#67
4-Bromophenyl-phenylether
Concen: 5.583 ng
RT: 10.889 min Scan# 1369
Delta R.T. -0.241 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

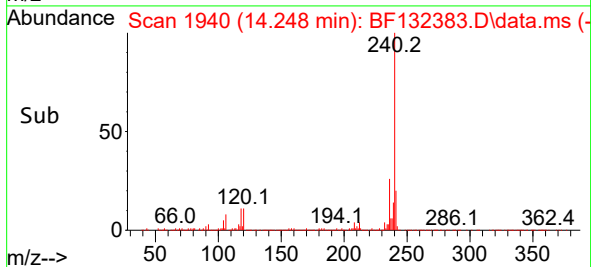
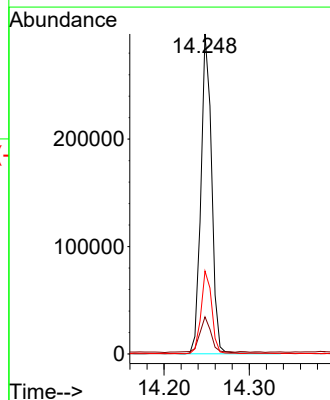
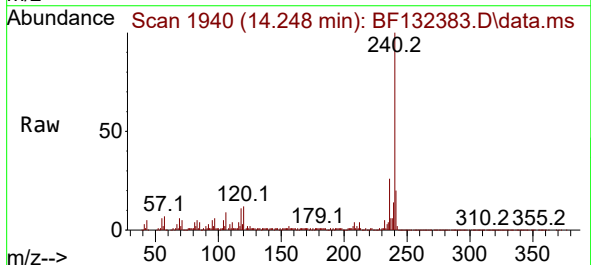
Instrument :
BNA_F
ClientSampleId :
WP-1

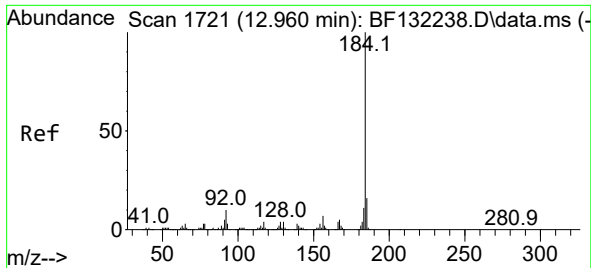
Tgt Ion:248 Resp: 26870
Ion Ratio Lower Upper
248 100
250 202.1 78.6 117.8#
141 577.8 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

Tgt Ion:240 Resp: 260327
Ion Ratio Lower Upper
240 100
120 11.6 8.8 13.2
236 25.9 21.0 31.6

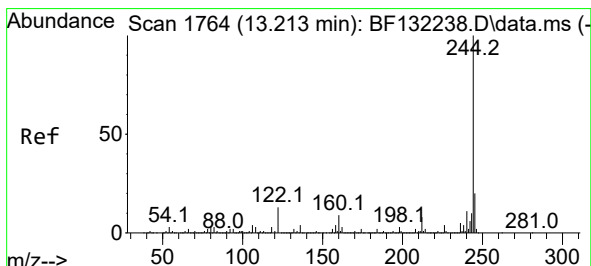
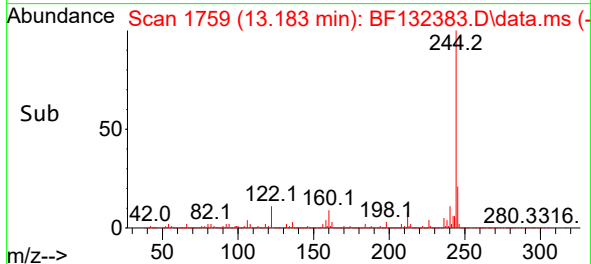
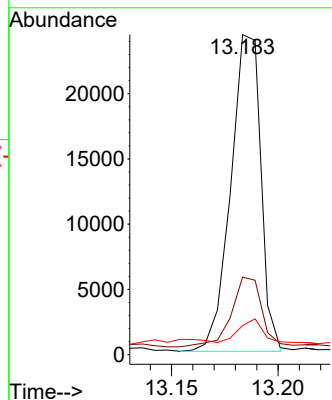
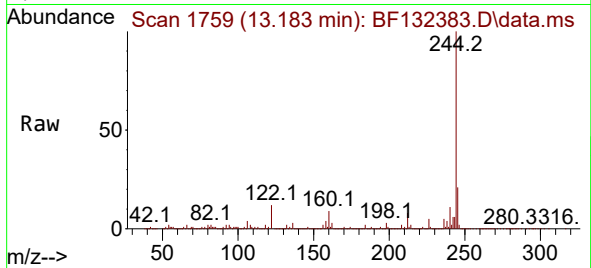




#77
Benzidine
Concen: 2.618 ng
RT: 13.183 min Scan# 1759
Delta R.T. 0.253 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

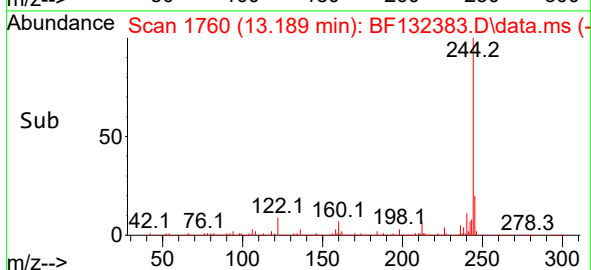
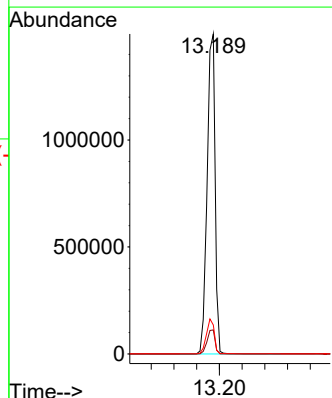
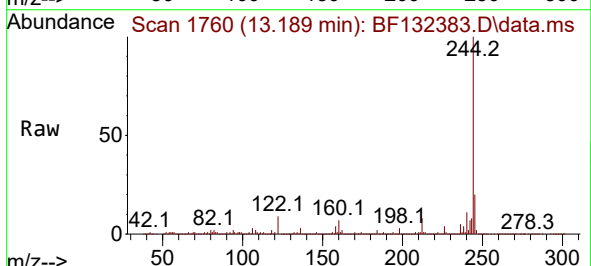
Instrument :
BNA_F
ClientSampleId :
WP-1

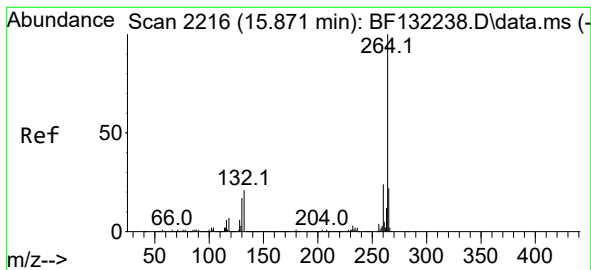
Tgt Ion:184 Resp: 23824
Ion Ratio Lower Upper
184 100
185 24.3 12.6 18.8#
183 9.1 8.9 13.3



#79
Terphenyl-d14
Concen: 107.934 ng
RT: 13.189 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

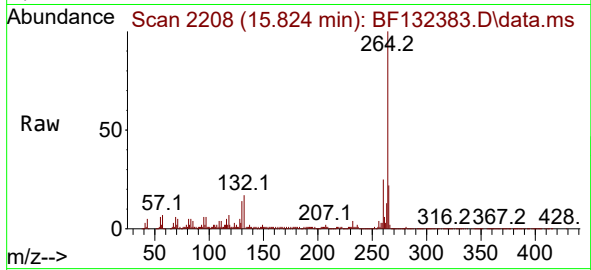
Tgt Ion:244 Resp: 1452545
Ion Ratio Lower Upper
244 100
212 7.5 6.4 9.6
122 9.1 10.5 15.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.824 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

Instrument :
BNA_F
ClientSampleId :
WP-1



Tgt Ion:264 Resp: 308666
Ion Ratio Lower Upper
264 100
260 24.7 19.0 28.4
265 22.2 17.4 26.2

