

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132912.D
 Acq On : 18 Apr 2023 21:02
 Operator : CG\JU
 Sample : 02385-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-3-041723

Quant Time: Apr 19 03:29:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

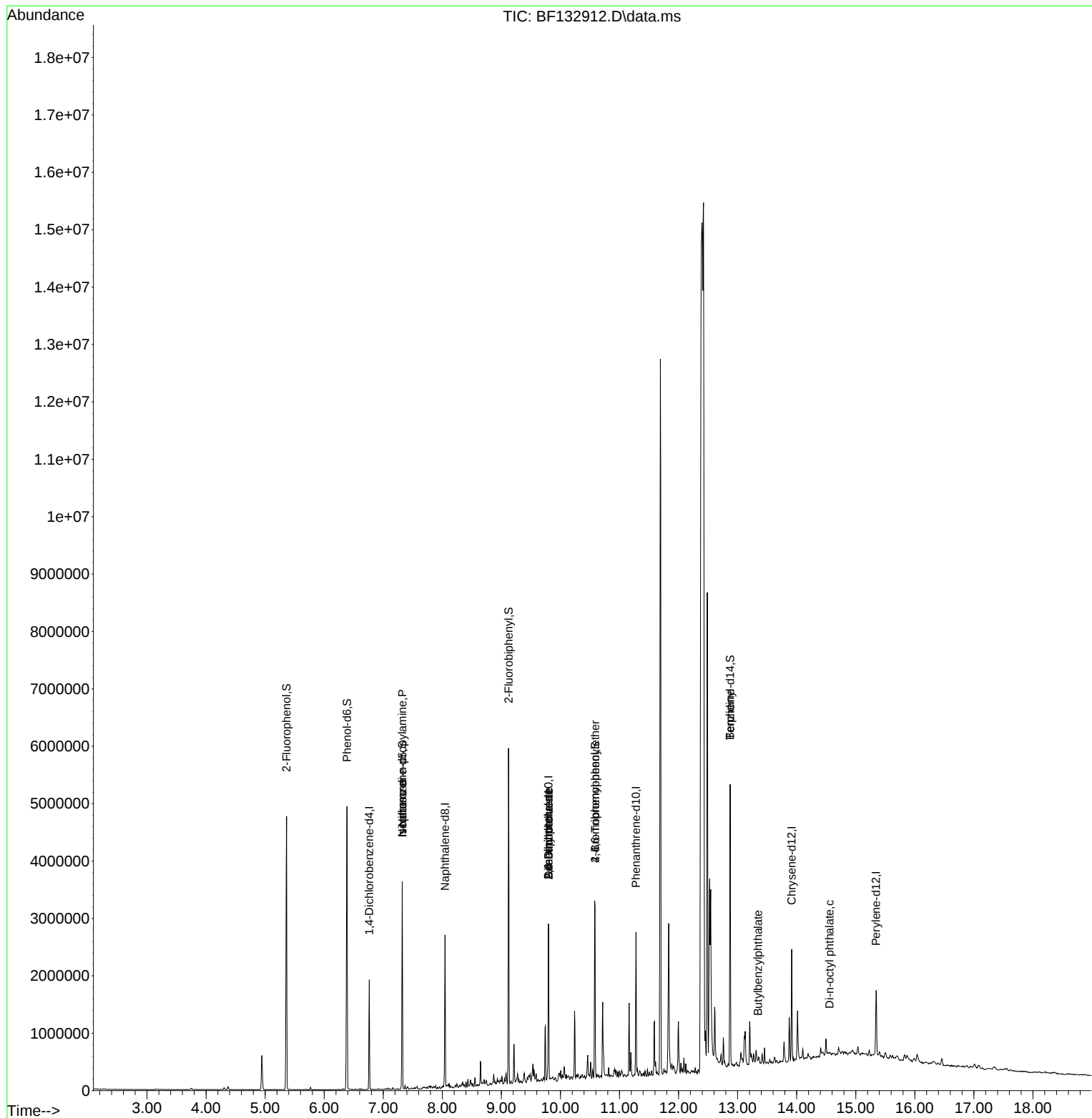
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	232232	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	913410	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	470378	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	805429	20.000	ng	0.00
76) Chrysene-d12	13.916	240	560673	20.000	ng	-0.01
86) Perylene-d12	15.345	264	462521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1225353	82.506	ng	0.00
7) Phenol-d6	6.387	99	1558355	82.229	ng	-0.01
23) Nitrobenzene-d5	7.322	82	920731	52.543	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	361726	76.671	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1570846	51.303	ng	-0.01
79) Terphenyl-d14	12.874	244	1563781	47.584	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	122586	10.363	ng	# 81
25) Isophorone	7.322	82	918304	27.627	ng	# 65
50) Dimethylphthalate	9.798	163	92049	2.831	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	64295	9.017	ng	# 28
57) 2,4-Dinitrotoluene	9.798	165	64295	7.306	ng	# 24
67) 4-Bromophenyl-phenylether	10.586	248	22955	2.496	ng	# 1
77) Benzidine	12.874	184	18802	2.153	ng	98
80) Butylbenzylphthalate	13.345	149	1387	5.246	ng	# 13
85) Di-n-octyl phthalate	14.557	149	2397	6.449	ng	# 1

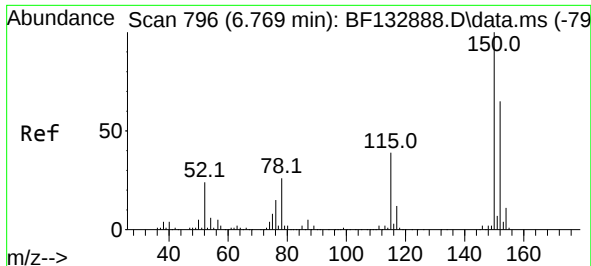
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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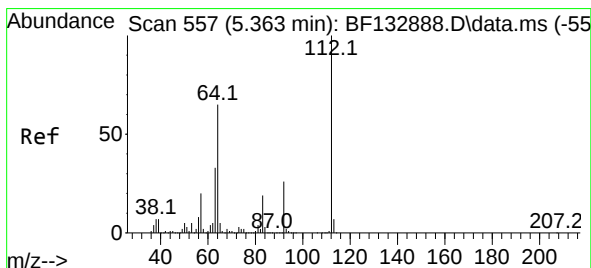
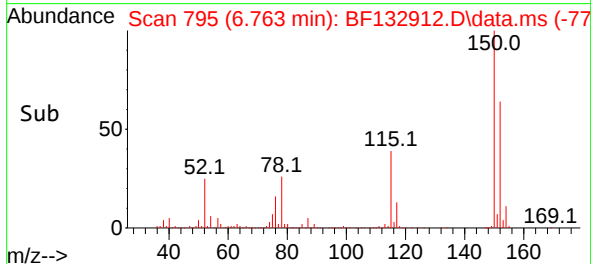
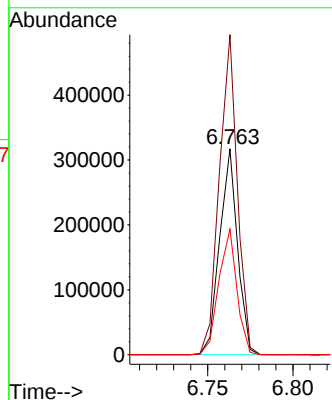
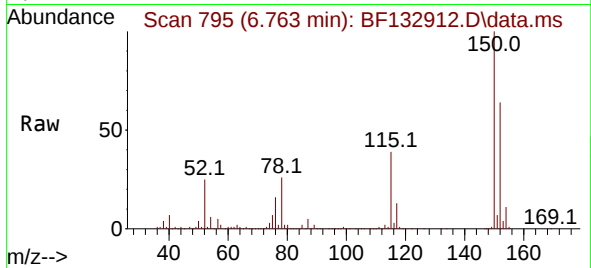




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132912.D
Acq: 18 Apr 2023 21:02

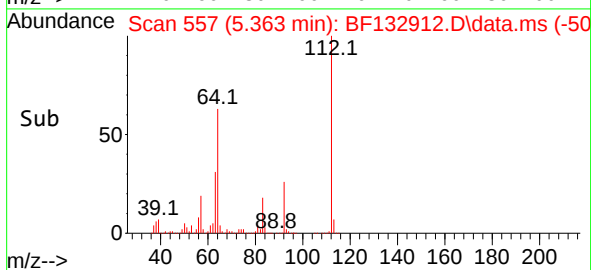
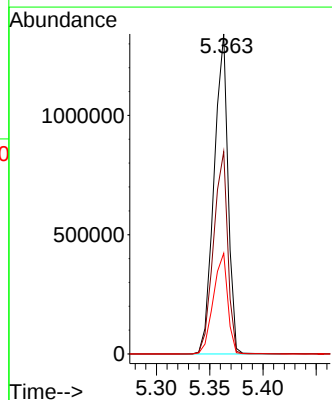
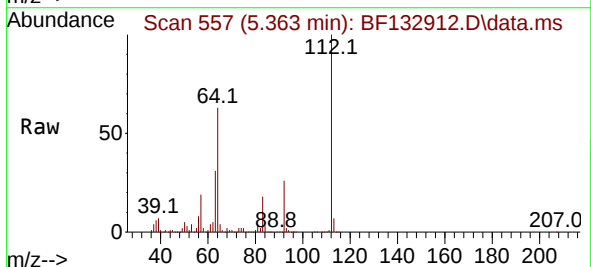
Instrument :
BNA_F
ClientSampleId :
BU-3-041723

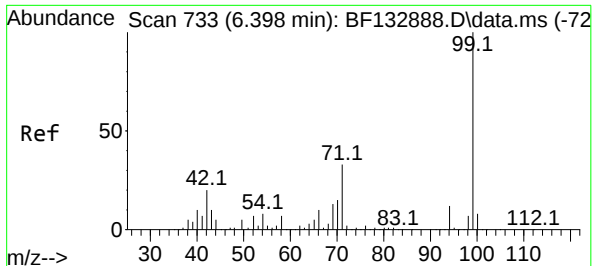
Tgt Ion:152 Resp: 232232
Ion Ratio Lower Upper
152 100
150 155.4 122.8 184.2
115 61.0 47.3 70.9



#5
2-Fluorophenol
Concen: 82.506 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF132912.D
Acq: 18 Apr 2023 21:02

Tgt Ion:112 Resp: 1225353
Ion Ratio Lower Upper
112 100
64 63.2 51.8 77.8
63 31.5 26.3 39.5

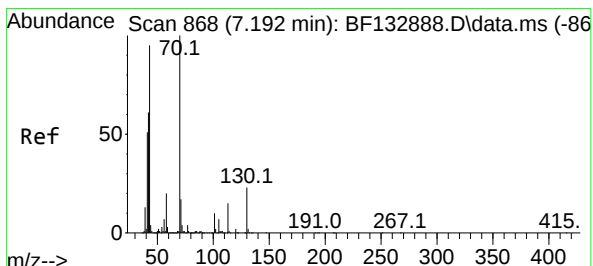
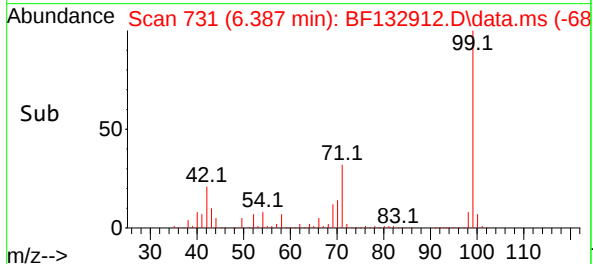
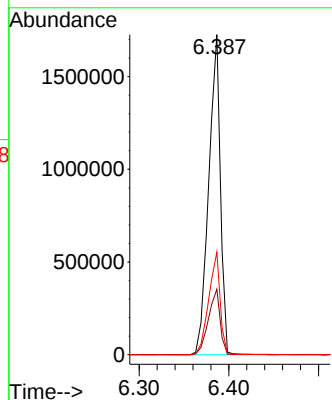
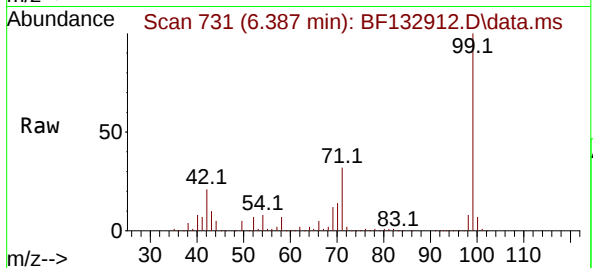




#7
Phenol-d6
Concen: 82.229 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132912.D
Acq: 18 Apr 2023 21:02

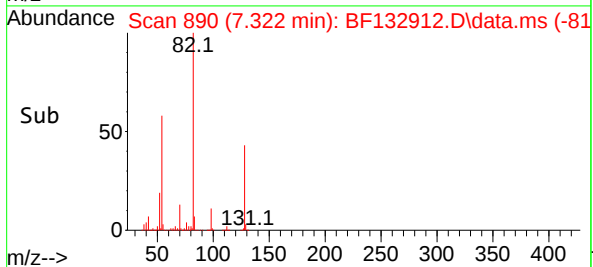
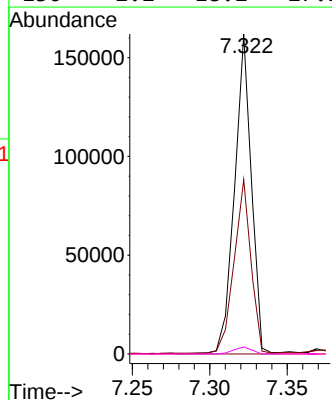
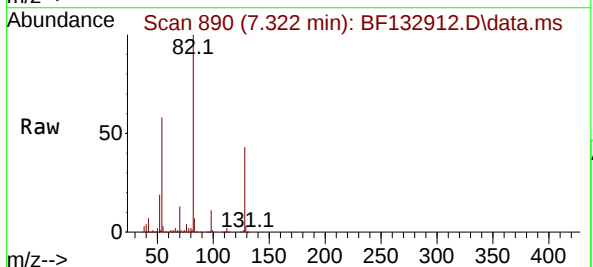
Instrument :
BNA_F
ClientSampleId :
BU-3-041723

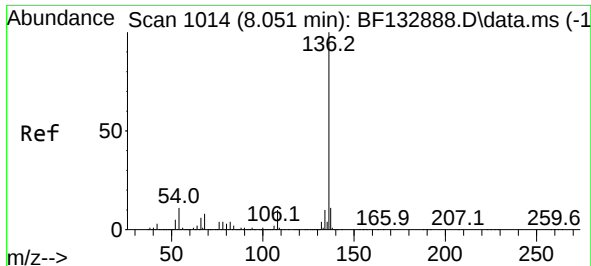
Tgt Ion: 99 Resp: 1558355
Ion Ratio Lower Upper
99 100
42 20.5 16.1 24.1
71 32.1 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 10.363 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.130 min
Lab File: BF132912.D
Acq: 18 Apr 2023 21:02

Tgt Ion: 70 Resp: 122586
Ion Ratio Lower Upper
70 100
42 54.5 49.0 73.6
101 0.0 8.1 12.1#
130 2.2 18.2 27.2#



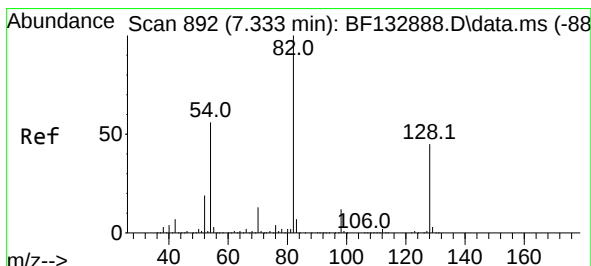
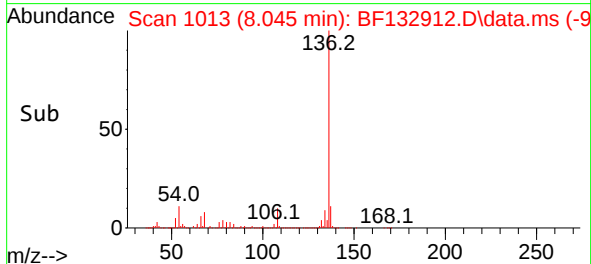
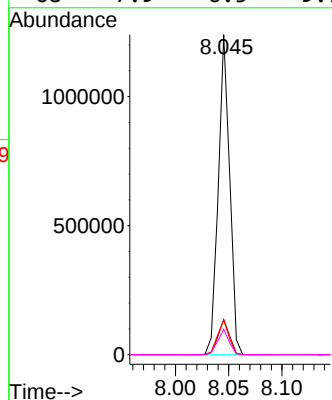
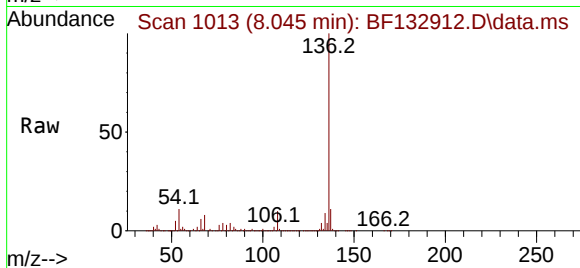


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF132912.D
Acq: 18 Apr 2023 21:02

Instrument :
BNA_F
ClientSampleId :
BU-3-041723

Tgt Ion:136 Resp: 913410

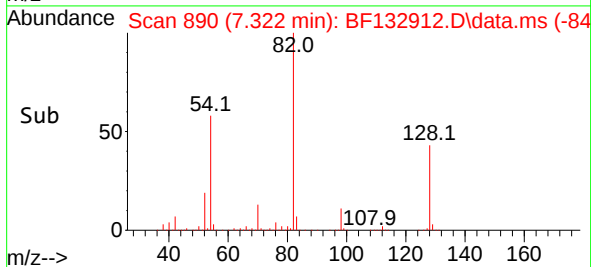
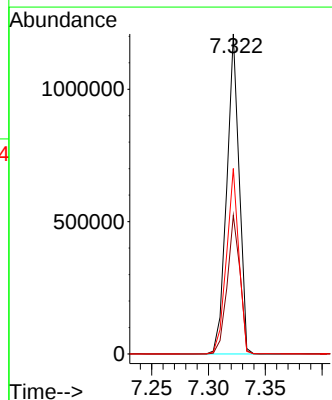
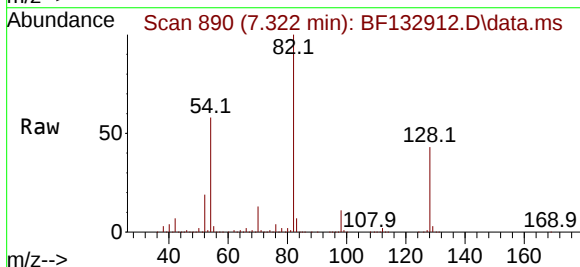
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	10.9	8.9	13.3
68	7.9	6.5	9.7

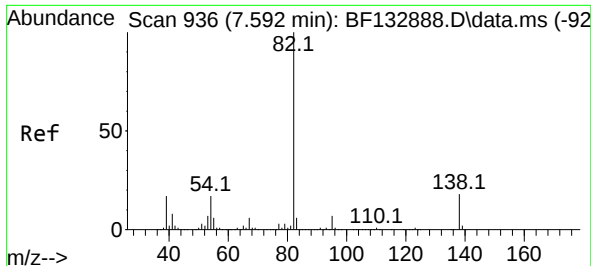


#23
Nitrobenzene-d5
Concen: 52.543 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF132912.D
Acq: 18 Apr 2023 21:02

Tgt Ion: 82 Resp: 920731

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.7	53.5
54	57.9	44.7	67.1

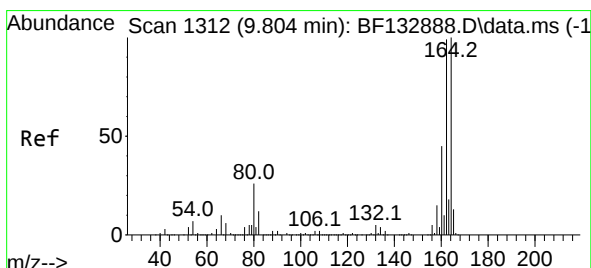
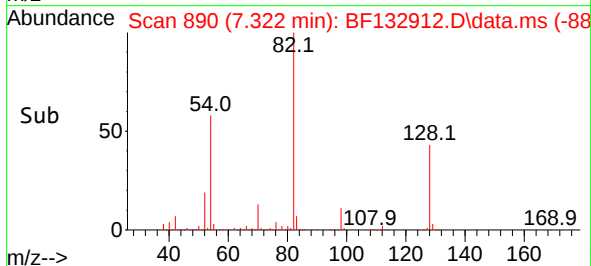
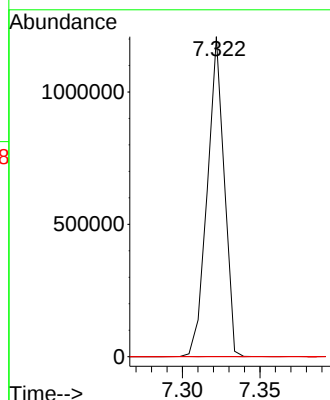
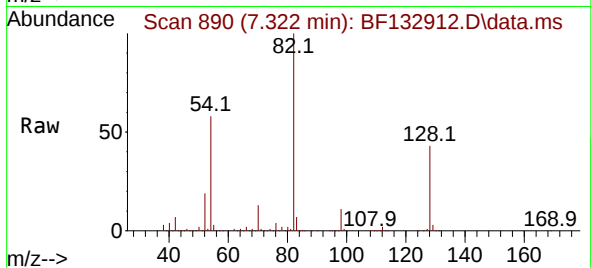




#25
Isophorone
Concen: 27.627 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF132912.D
Acq: 18 Apr 2023 21:02

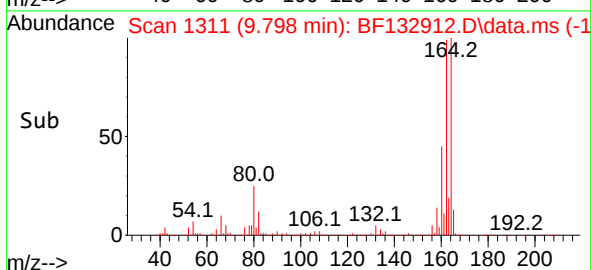
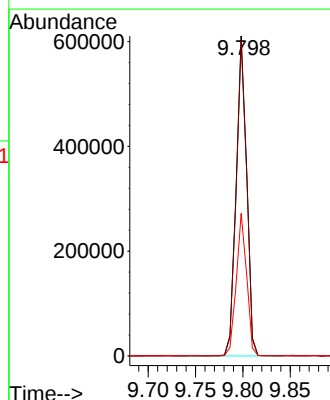
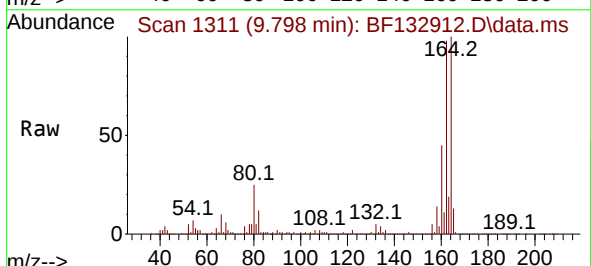
Instrument :
BNA_F
ClientSampleId :
BU-3-041723

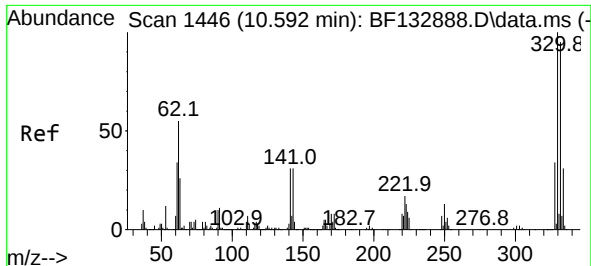
Tgt Ion: 82 Resp: 918304
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF132912.D
Acq: 18 Apr 2023 21:02

Tgt Ion:164 Resp: 470378
Ion Ratio Lower Upper
164 100
162 98.5 79.1 118.7
160 44.6 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 76.671 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.006 min

Lab File: BF132912.D

Acq: 18 Apr 2023 21:02

Instrument :

BNA_F

ClientSampleId :

BU-3-041723

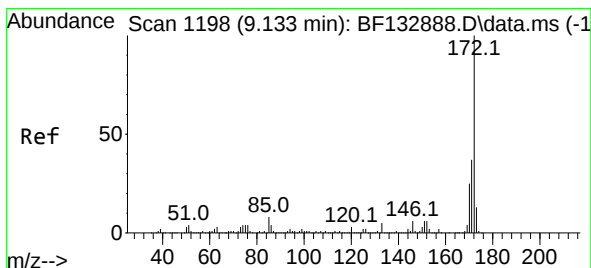
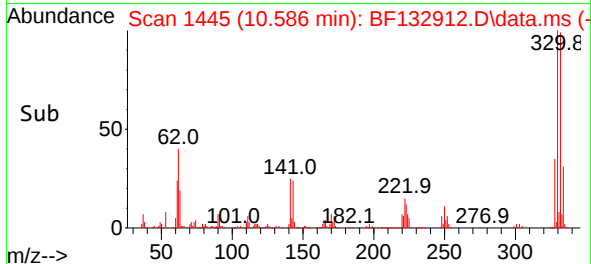
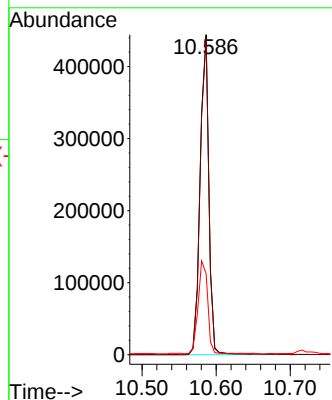
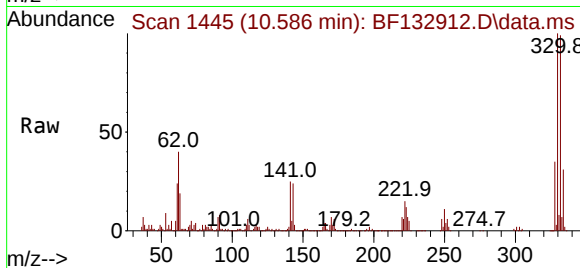
Tgt Ion:330 Resp: 361726

Ion Ratio Lower Upper

330 100

332 97.9 76.3 114.5

141 31.5 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 51.303 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.012 min

Lab File: BF132912.D

Acq: 18 Apr 2023 21:02

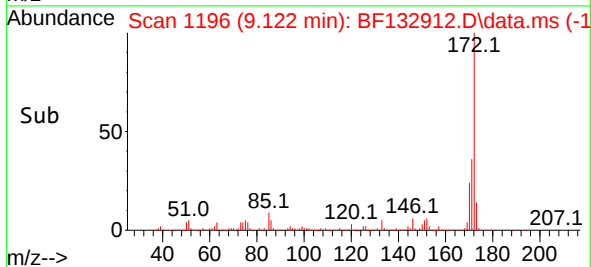
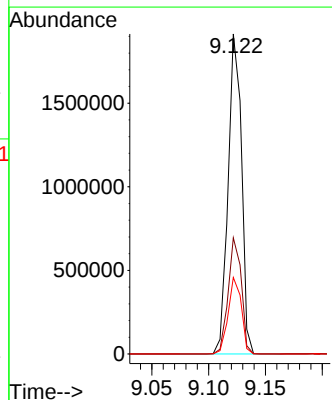
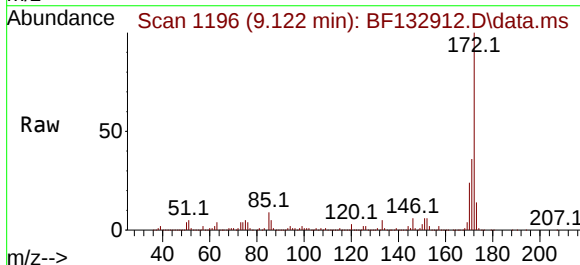
Tgt Ion:172 Resp: 1570846

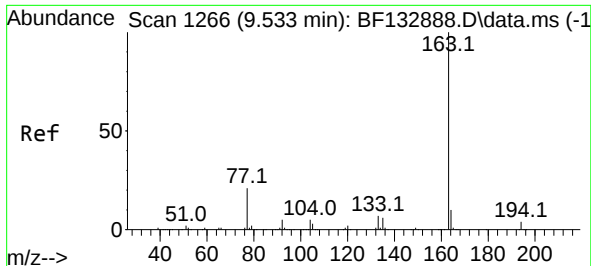
Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

170 23.9 20.1 30.1

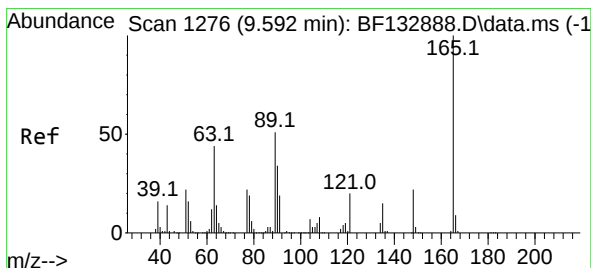
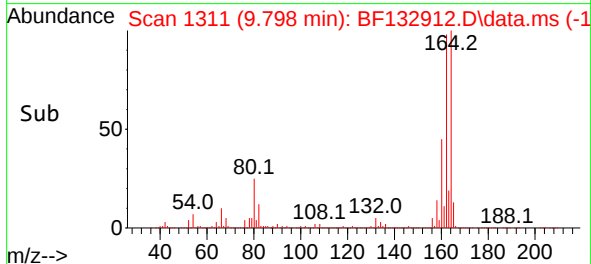
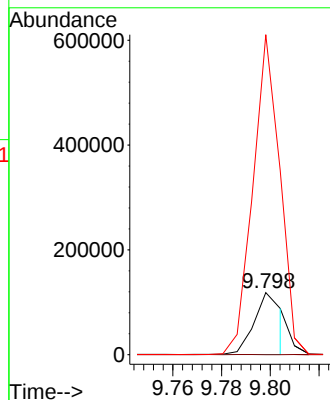
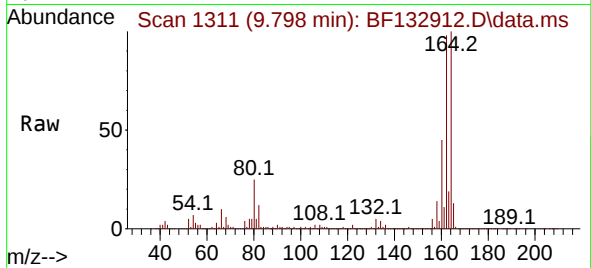




#50
Dimethylphthalate
Concen: 2.831 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF132912.D
Acq: 18 Apr 2023 21:02

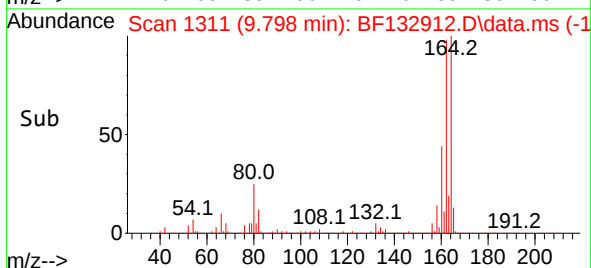
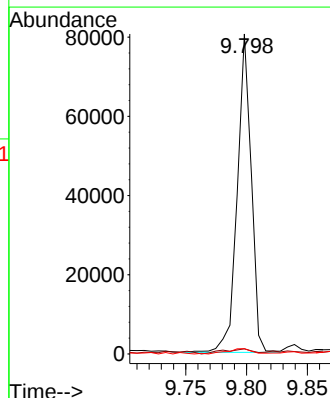
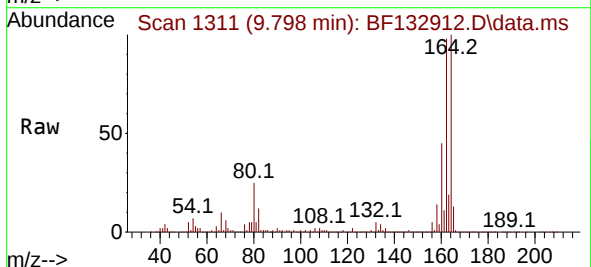
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BU-3-041723

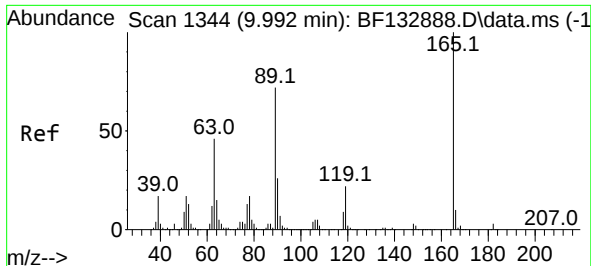
Tgt Ion:163 Resp: 92049
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 515.8 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 9.017 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF132912.D
Acq: 18 Apr 2023 21:02

Tgt Ion:165 Resp: 64295
Ion Ratio Lower Upper
165 100
63 1.6 42.6 63.8#
89 1.7 41.0 61.4#





#57

2,4-Dinitrotoluene

Concen: 7.306 ng

RT: 9.798 min Scan# 1

Delta R.T. -0.194 min

Lab File: BF132912.D

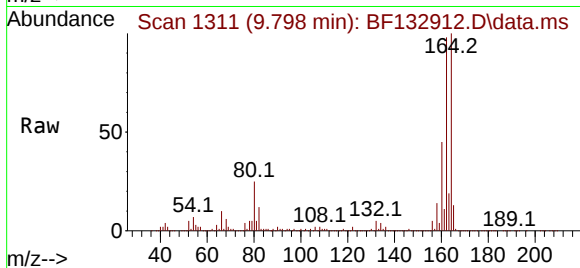
Acq: 18 Apr 2023 21:02

Instrument :

BNA_F

ClientSampleId :

BU-3-041723



Tgt Ion:165 Resp: 64295

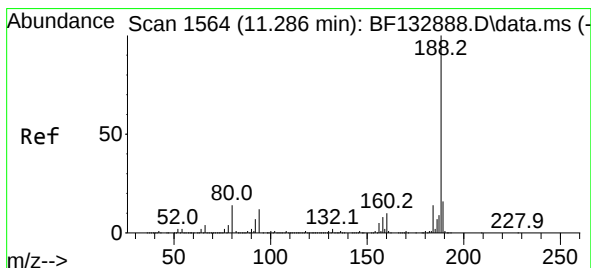
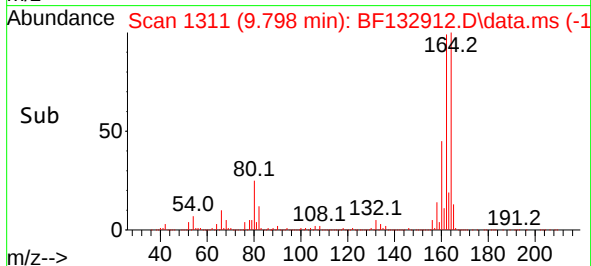
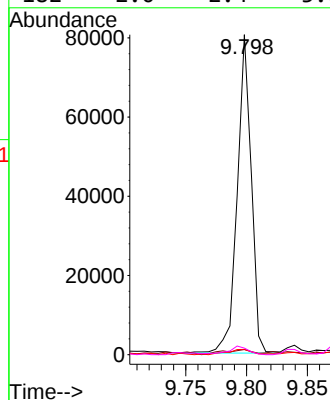
Ion Ratio Lower Upper

165 100

63 1.6 37.0 55.6#

89 1.7 57.8 86.6#

182 2.0 2.4 3.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1563

Delta R.T. -0.006 min

Lab File: BF132912.D

Acq: 18 Apr 2023 21:02

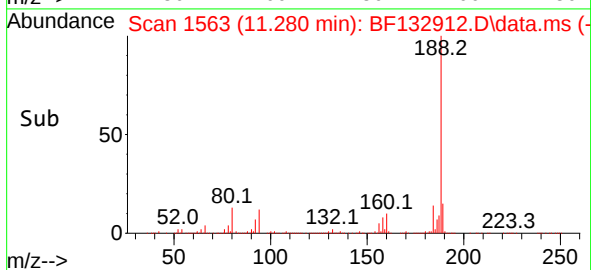
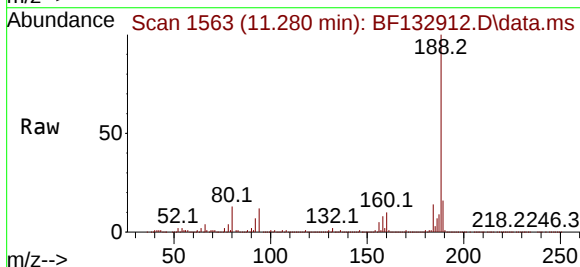
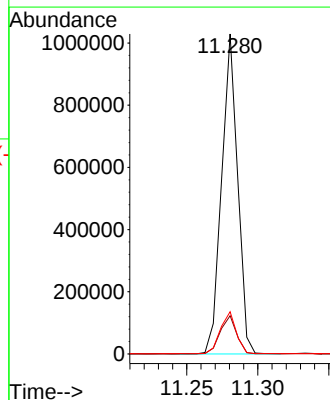
Tgt Ion:188 Resp: 805429

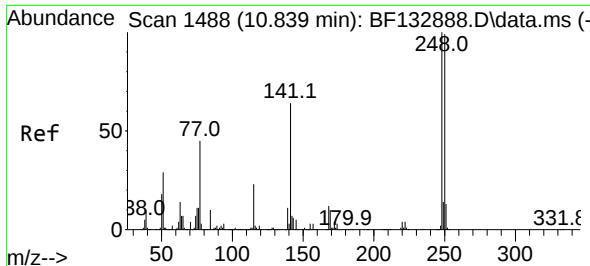
Ion Ratio Lower Upper

188 100

94 12.0 9.9 14.9

80 13.2 10.8 16.2

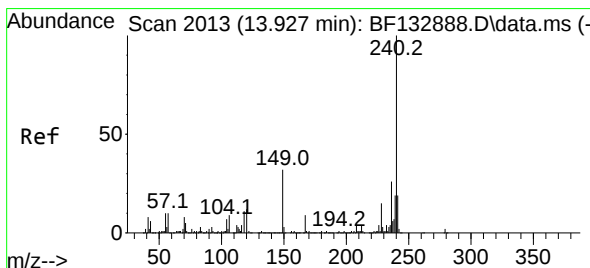
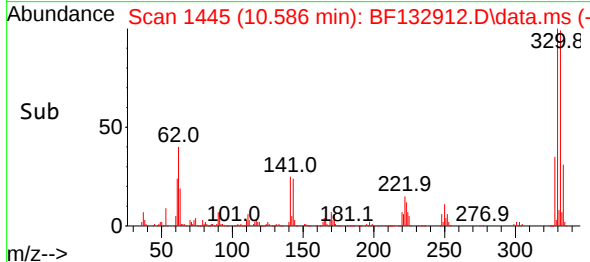
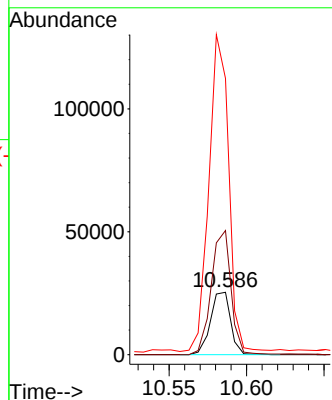
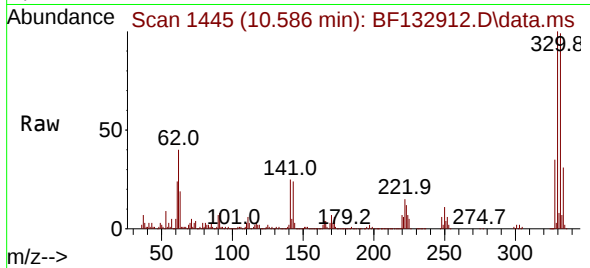




#67
4-Bromophenyl-phenylether
Concen: 2.496 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF132912.D
Acq: 18 Apr 2023 21:02

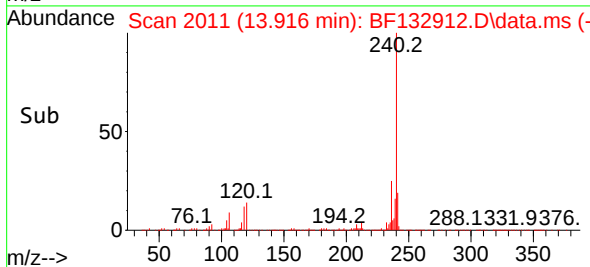
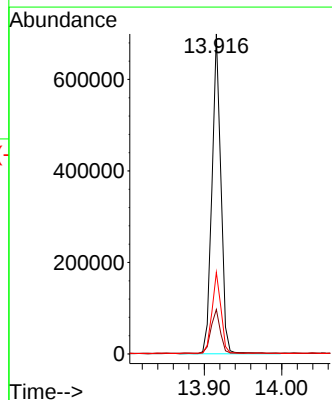
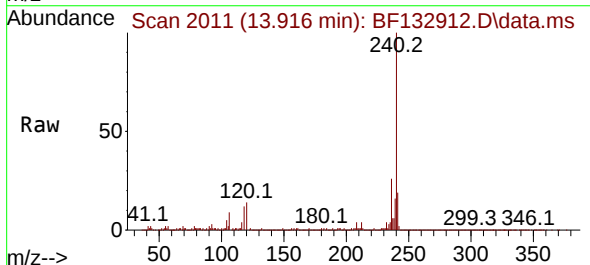
Instrument :
BNA_F
ClientSampleId :
BU-3-041723

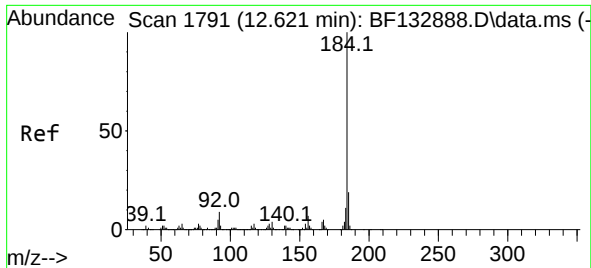
Tgt Ion:248 Resp: 22955
Ion Ratio Lower Upper
248 100
250 198.9 79.1 118.7#
141 442.6 51.0 76.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF132912.D
Acq: 18 Apr 2023 21:02

Tgt Ion:240 Resp: 560673
Ion Ratio Lower Upper
240 100
120 13.9 10.0 15.0
236 25.5 20.8 31.2

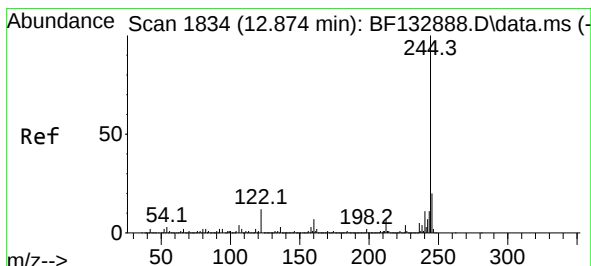
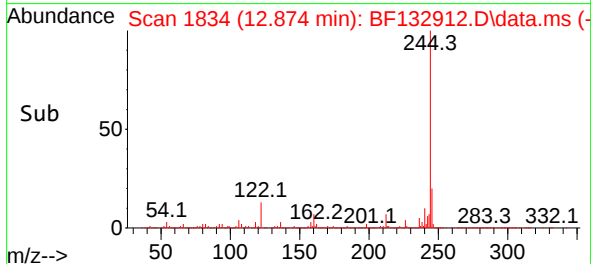
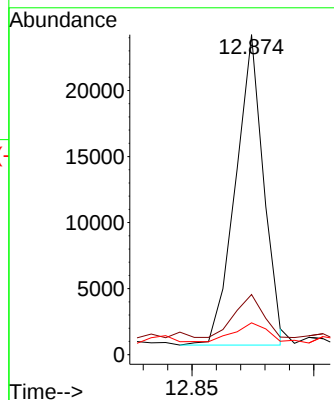
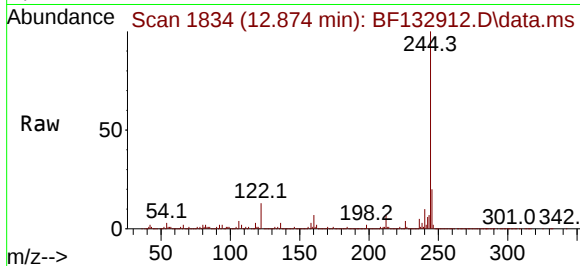




#77
Benzidine
Concen: 2.153 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.253 min
Lab File: BF132912.D
Acq: 18 Apr 2023 21:02

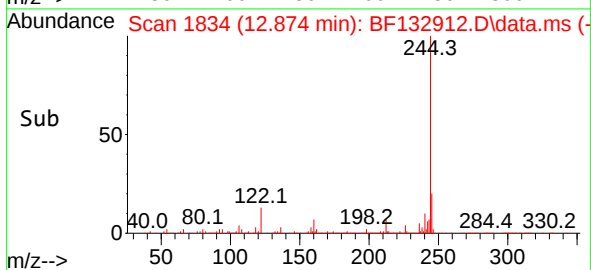
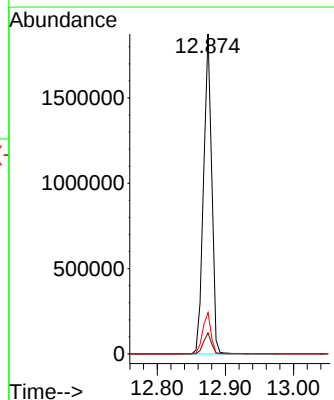
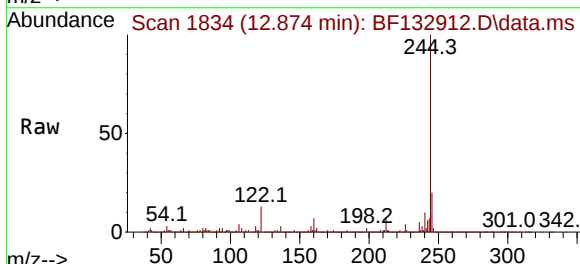
Instrument :
BNA_F
ClientSampleId :
BU-3-041723

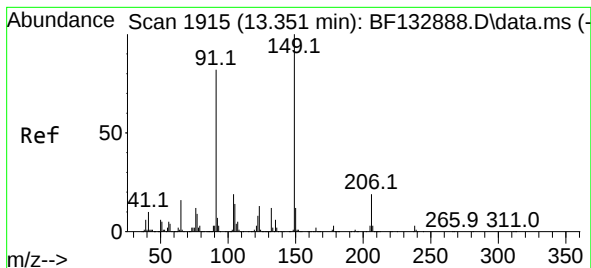
Tgt Ion:184 Resp: 18802
Ion Ratio Lower Upper
184 100
185 18.8 14.9 22.3
183 9.9 9.0 13.6



#79
Terphenyl-d14
Concen: 47.584 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.000 min
Lab File: BF132912.D
Acq: 18 Apr 2023 21:02

Tgt Ion:244 Resp: 1563781
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 13.0 9.6 14.4





#80

Butylbenzylphthalate

Concen: 5.246 ng

RT: 13.345 min Scan# 1915

Delta R.T. -0.006 min

Lab File: BF132912.D

Acq: 18 Apr 2023 21:02

Instrument :

BNA_F

ClientSampleId :

BU-3-041723

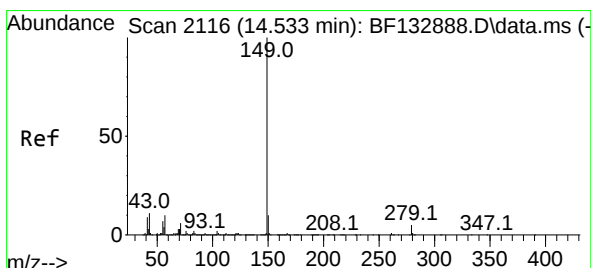
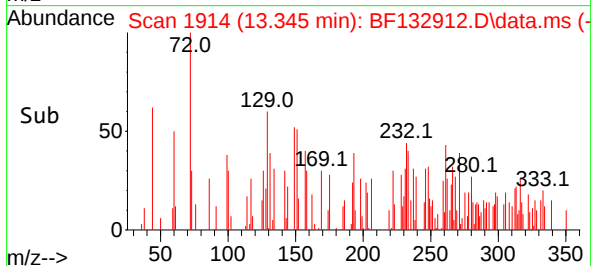
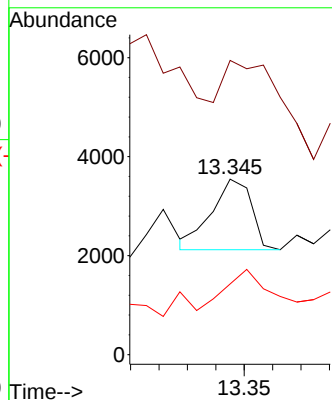
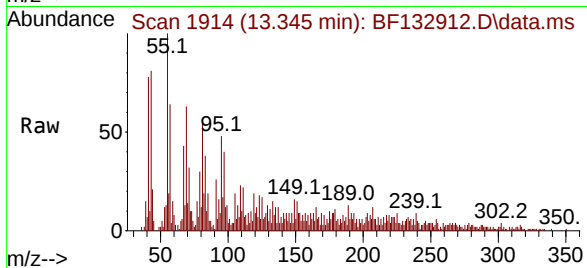
Tgt Ion:149 Resp: 1387

Ion Ratio Lower Upper

149 100

91 167.6 65.4 98.0#

206 40.3 15.6 23.4#



#85

Di-n-octyl phthalate

Concen: 6.449 ng

RT: 14.557 min Scan# 2120

Delta R.T. 0.024 min

Lab File: BF132912.D

Acq: 18 Apr 2023 21:02

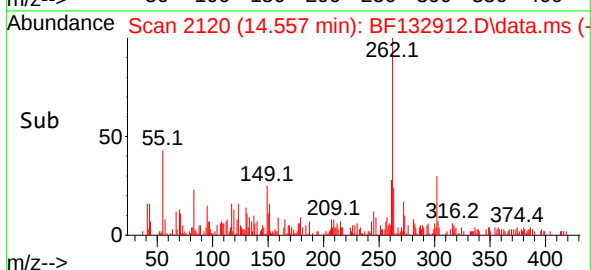
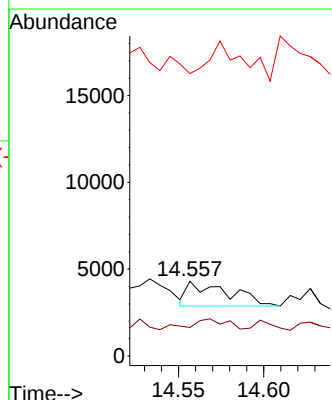
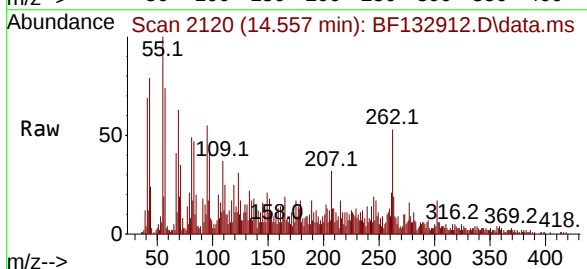
Tgt Ion:149 Resp: 2397

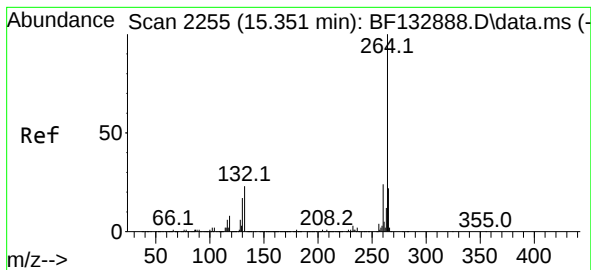
Ion Ratio Lower Upper

149 100

167 38.6 1.2 1.8#

43 155.3 11.5 17.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.345 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132912.D
 Acq: 18 Apr 2023 21:02

Instrument :
 BNA_F
 ClientSampleId :
 BU-3-041723

Tgt Ion:264 Resp: 462521
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 20.8 17.7 26.5

