

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132962.D
 Acq On : 21 Apr 2023 04:19
 Operator : CG\JU
 Sample : 02390-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPC-2WC-23-04-17

Quant Time: Apr 21 05:24:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 14:15:37 2023
 Response via : Initial Calibration

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

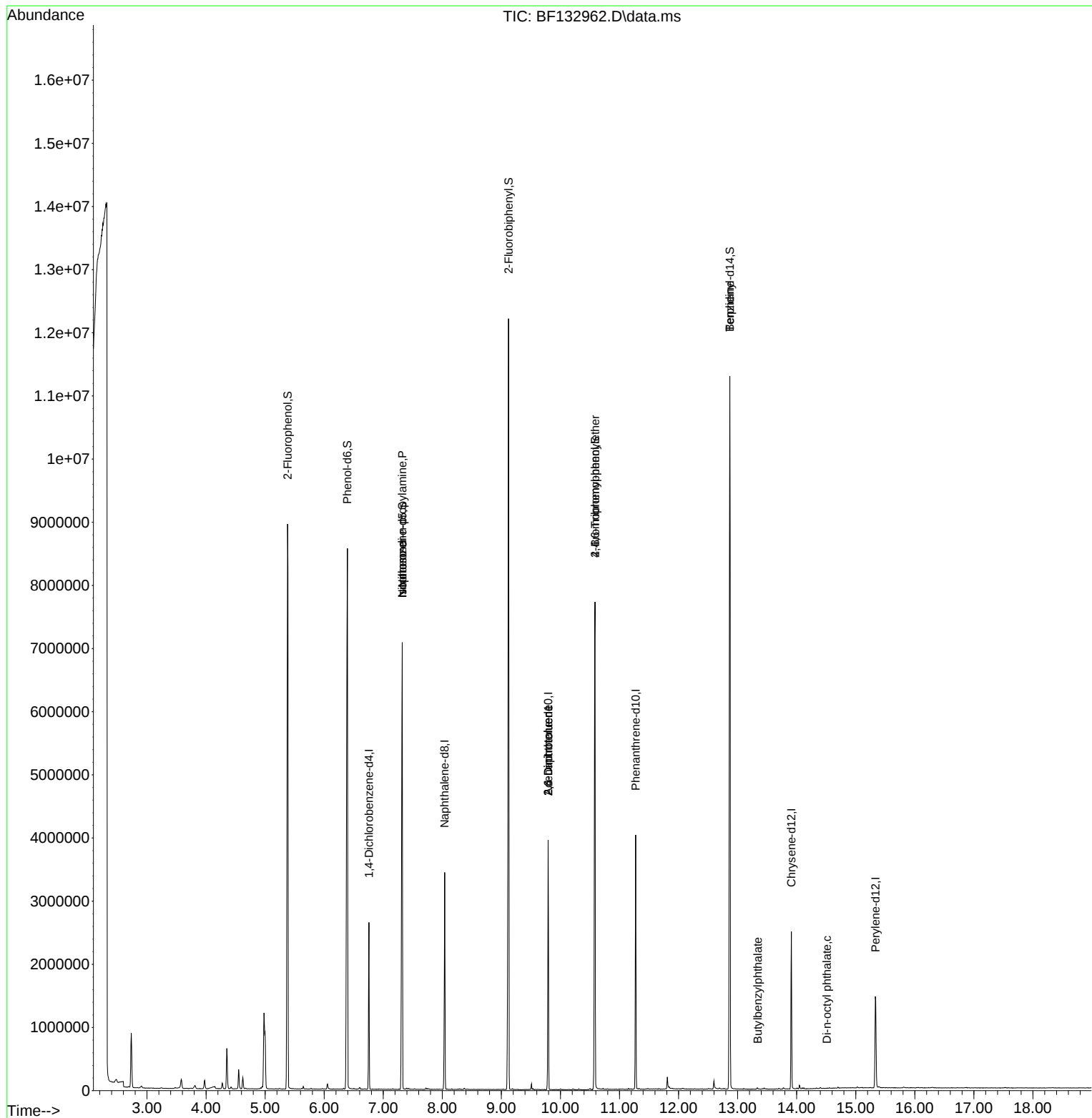
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	331896	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1343998	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	713564	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	1252399	20.000	ng	0.00
76) Chrysene-d12	13.910	240	747765	20.000	ng	0.00
86) Perylene-d12	15.333	264	630575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2904964	136.862	ng	0.02
7) Phenol-d6	6.392	99	3429110	126.608	ng	0.00
23) Nitrobenzene-d5	7.322	82	2483775	96.329	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	1116482	155.997	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	4026214	86.680	ng	0.00
79) Terphenyl-d14	12.868	244	4659104	106.300	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	333679	19.737	ng	# 81
25) Isophorone	7.322	82	2478440	50.676	ng	# 65
51) 2,6-Dinitrotoluene	9.792	165	92239	8.528	ng	# 28
57) 2,4-Dinitrotoluene	9.792	165	92239	6.910	ng	# 23
67) 4-Bromophenyl-phenylether	10.586	248	66579	4.655	ng	# 1
77) Benzidine	12.868	184	54908	4.714	ng	# 89
80) Butylbenzylphthalate	13.339	149	1559	5.228	ng	# 88
85) Di-n-octyl phthalate	14.510	149	812	6.400	ng	# 29

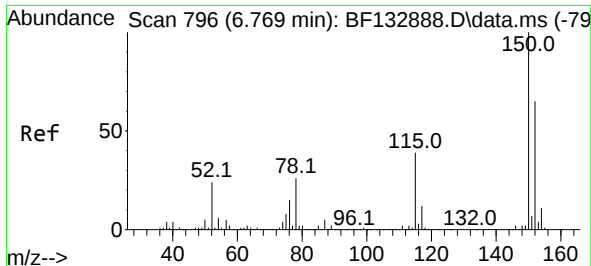
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
Data File : BF132962.D
Acq On : 21 Apr 2023 04:19
Operator : CG\JU
Sample : 02390-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPC-2WC-23-04-17

Quant Time: Apr 21 05:24:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 14:15:37 2023
Response via : Initial Calibration

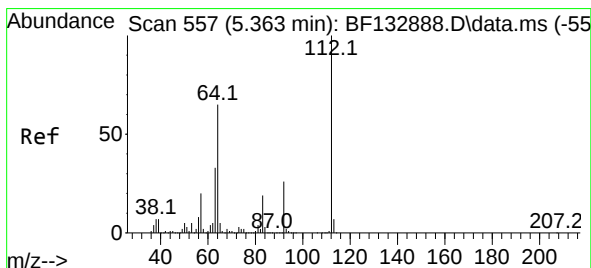
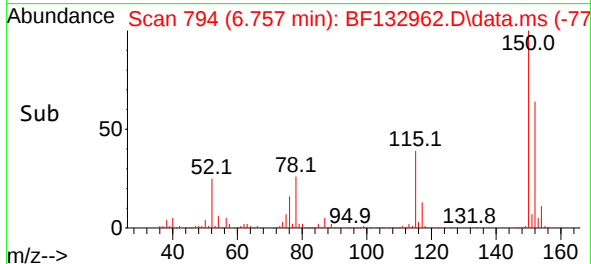
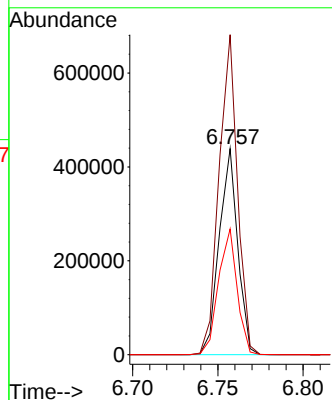
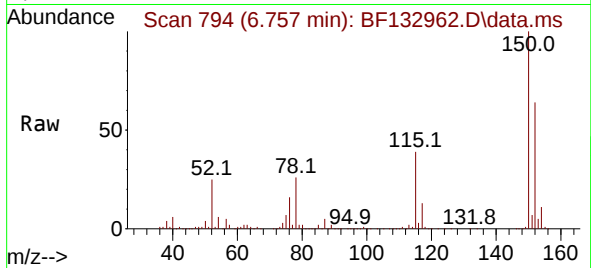




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132962.D
Acq: 21 Apr 2023 04:19

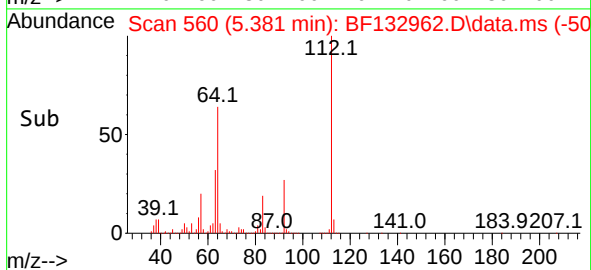
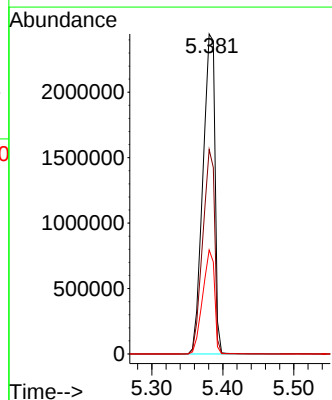
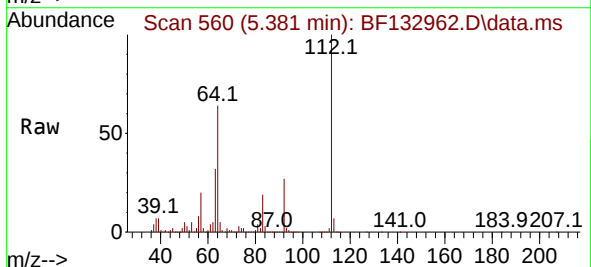
Instrument :
BNA_F
ClientSampleId :
SPC-2WC-23-04-17

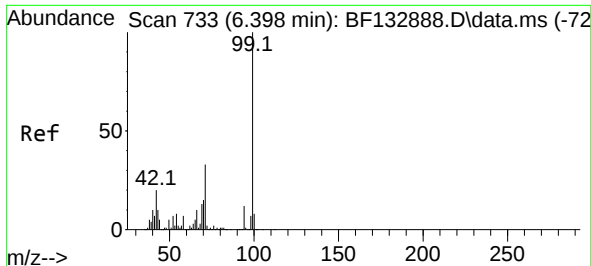
Tgt Ion:152 Resp: 331896
Ion Ratio Lower Upper
152 100
150 155.3 122.8 184.2
115 61.0 47.3 70.9



#5
2-Fluorophenol
Concen: 136.862 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.024 min
Lab File: BF132962.D
Acq: 21 Apr 2023 04:19

Tgt Ion:112 Resp: 2904964
Ion Ratio Lower Upper
112 100
64 63.9 51.8 77.8
63 32.5 26.3 39.5

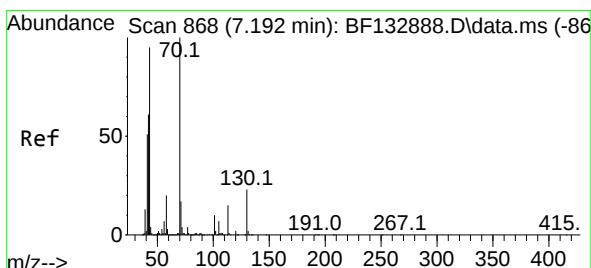
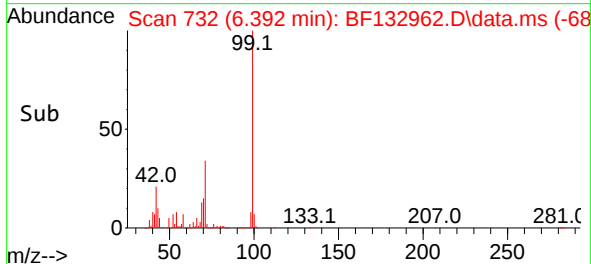
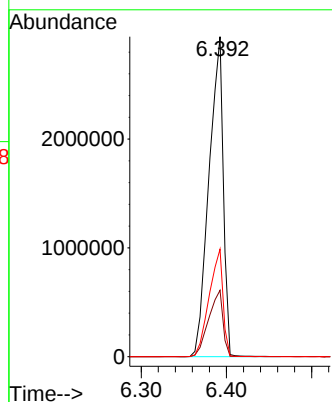
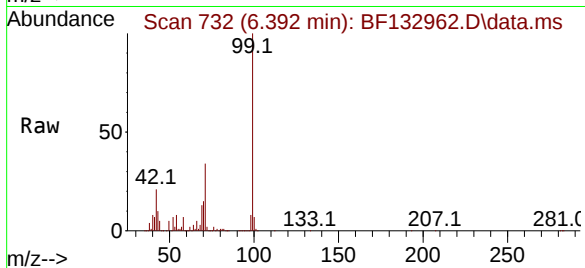




#7
Phenol-d6
Concen: 126.608 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132962.D
Acq: 21 Apr 2023 04:19

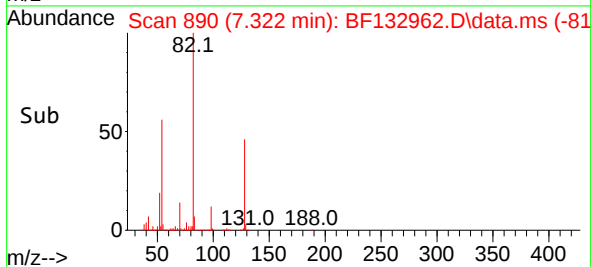
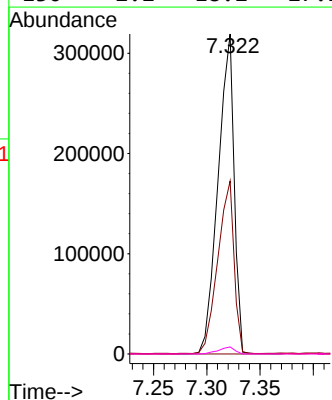
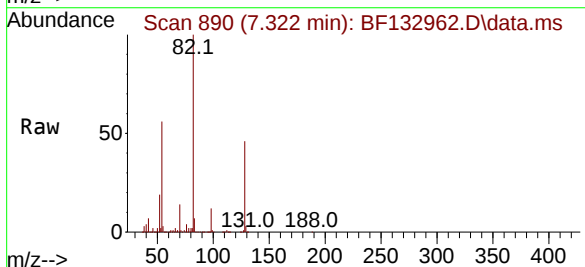
Instrument :
BNA_F
ClientSampleId :
SPC-2WC-23-04-17

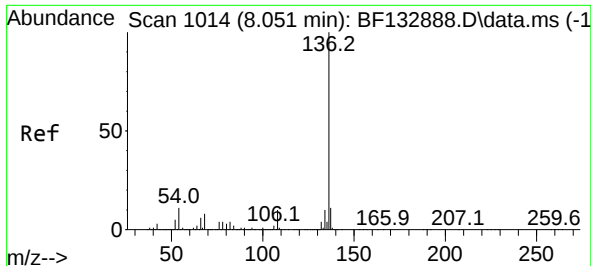
Tgt Ion: 99 Resp: 3429110
Ion Ratio Lower Upper
99 100
42 20.8 16.1 24.1
71 33.6 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.737 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.141 min
Lab File: BF132962.D
Acq: 21 Apr 2023 04:19

Tgt Ion: 70 Resp: 333679
Ion Ratio Lower Upper
70 100
42 54.1 49.0 73.6
101 0.0 8.1 12.1#
130 2.2 18.2 27.2#

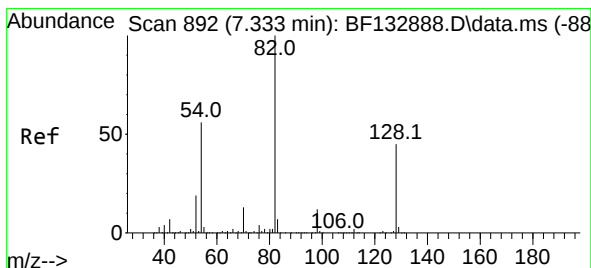
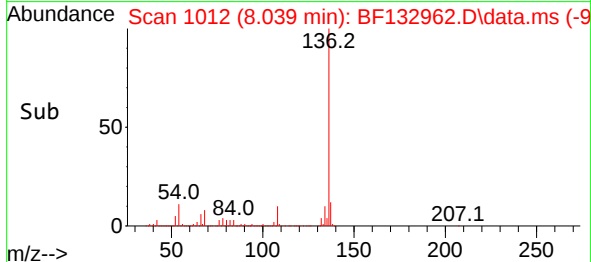
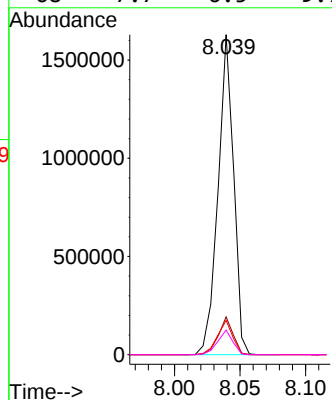
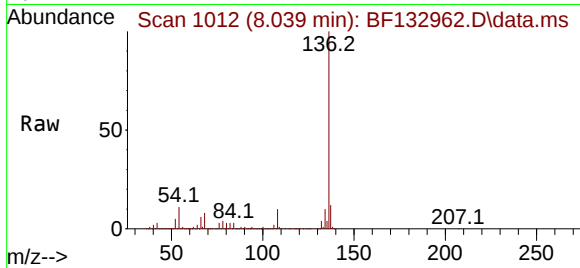




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132962.D
Acq: 21 Apr 2023 04:19

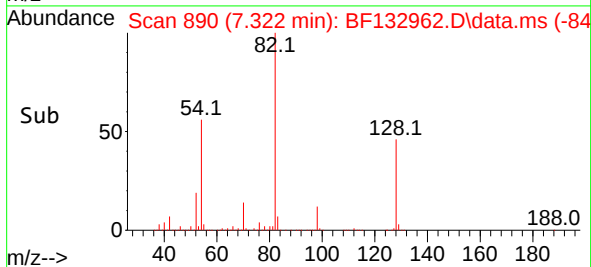
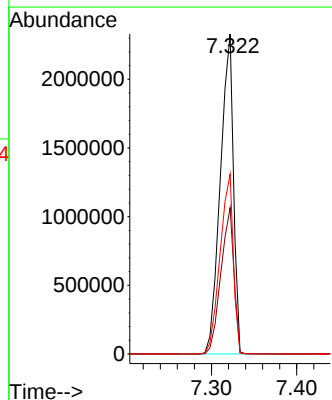
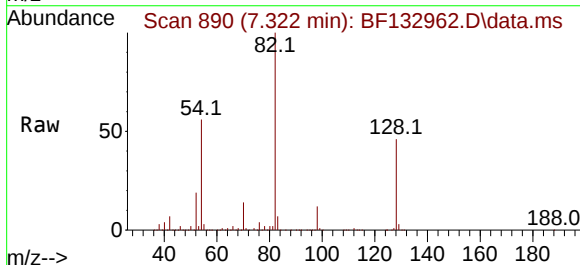
Instrument :
BNA_F
ClientSampleId :
SPC-2WC-23-04-17

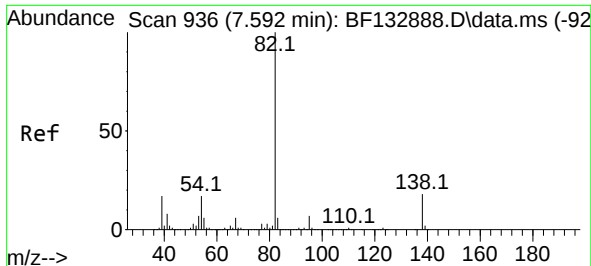
Tgt Ion:136 Resp: 1343998
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.4
54 10.7 8.9 13.3
68 7.7 6.5 9.7



#23
Nitrobenzene-d5
Concen: 96.329 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF132962.D
Acq: 21 Apr 2023 04:19

Tgt Ion: 82 Resp: 2483775
Ion Ratio Lower Upper
82 100
128 45.7 35.7 53.5
54 56.2 44.7 67.1

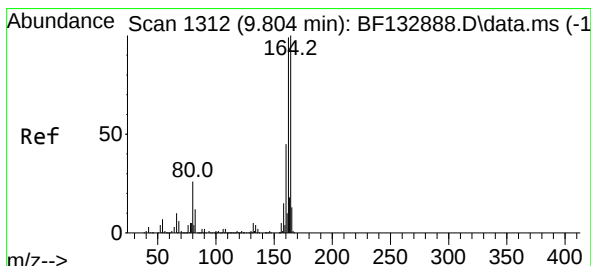
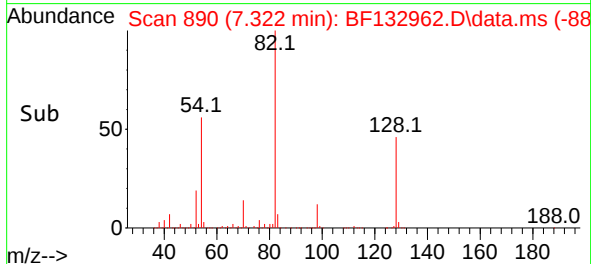
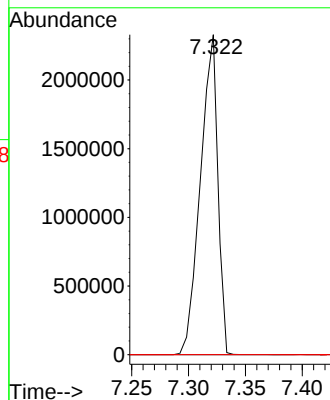
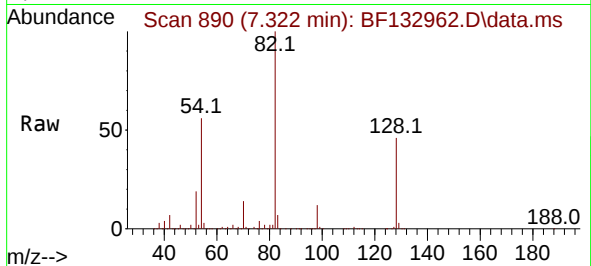




#25
Isophorone
Concen: 50.676 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF132962.D
Acq: 21 Apr 2023 04:19

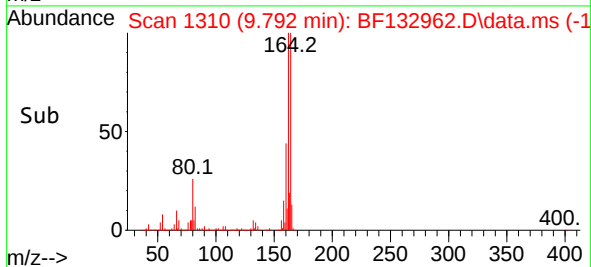
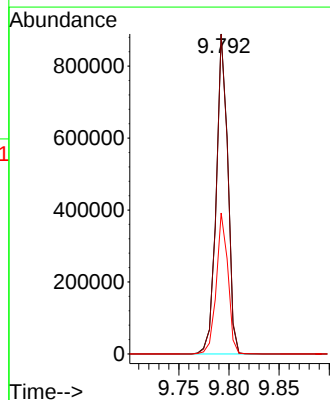
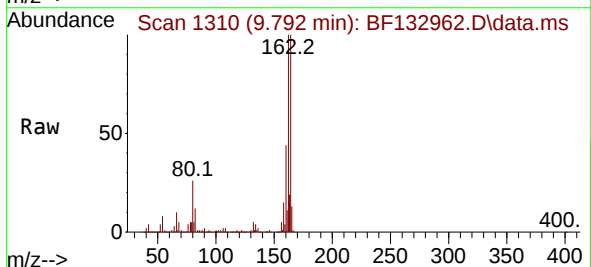
Instrument :
BNA_F
ClientSampleId :
SPC-2WC-23-04-17

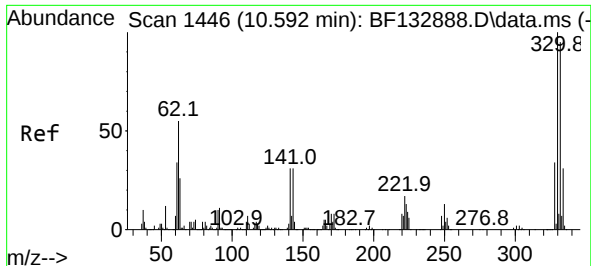
Tgt Ion: 82 Resp: 2478440
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF132962.D
Acq: 21 Apr 2023 04:19

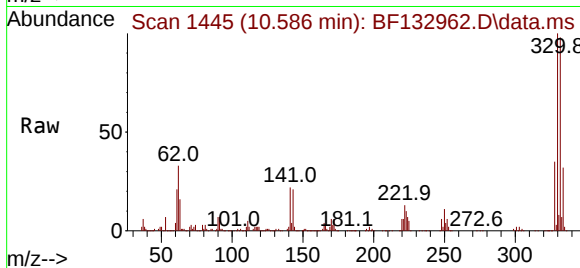
Tgt Ion:164 Resp: 713564
Ion Ratio Lower Upper
164 100
162 99.9 79.1 118.7
160 44.1 35.6 53.4



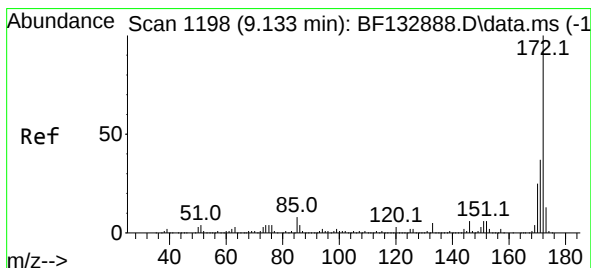
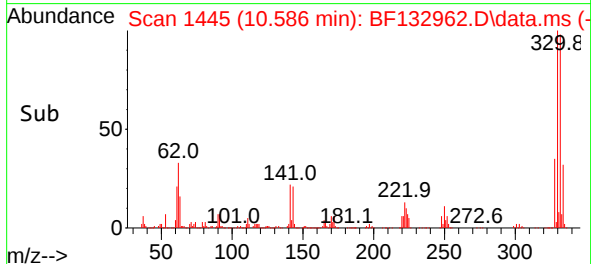
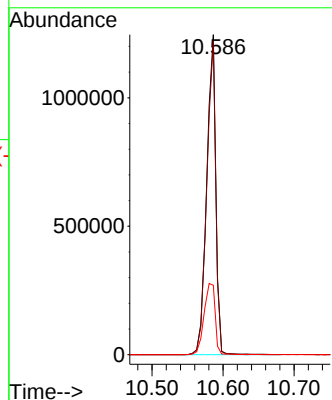


#42
 2,4,6-Tribromophenol
 Concen: 155.997 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.000 min
 Lab File: BF132962.D
 Acq: 21 Apr 2023 04:19

Instrument :
 BNA_F
 ClientSampleId :
 SPC-2WC-23-04-17

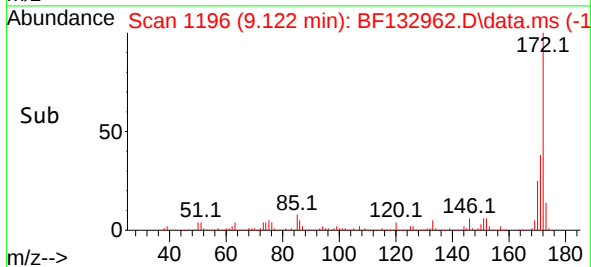
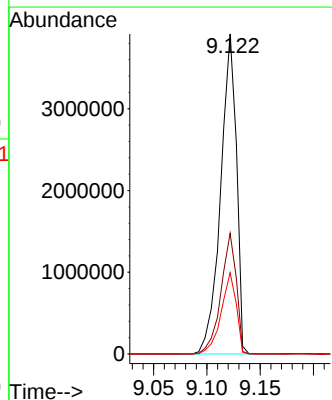
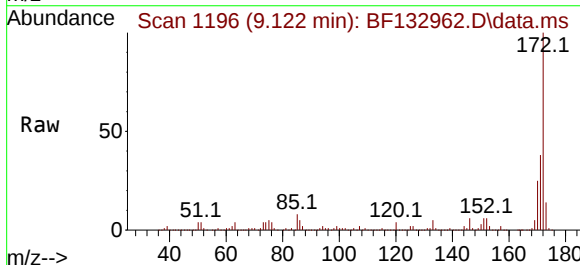


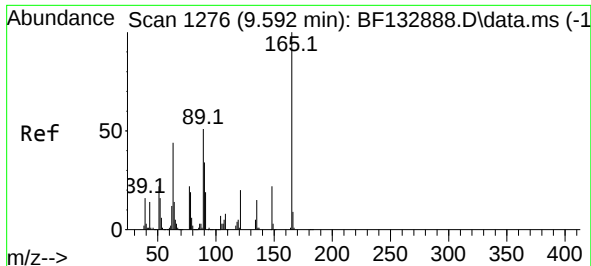
Tgt Ion:330 Resp: 1116482
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.3 114.5
 141 27.1 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 86.680 ng
 RT: 9.122 min Scan# 1196
 Delta R.T. -0.000 min
 Lab File: BF132962.D
 Acq: 21 Apr 2023 04:19

Tgt Ion:172 Resp: 4026214
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.4 44.0
 170 25.4 20.1 30.1

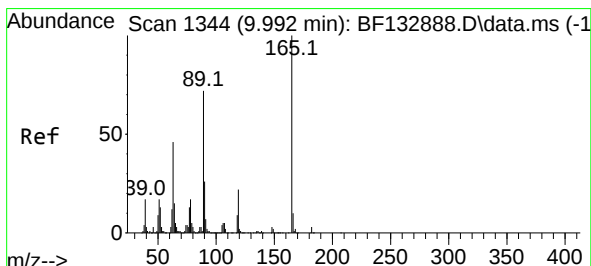
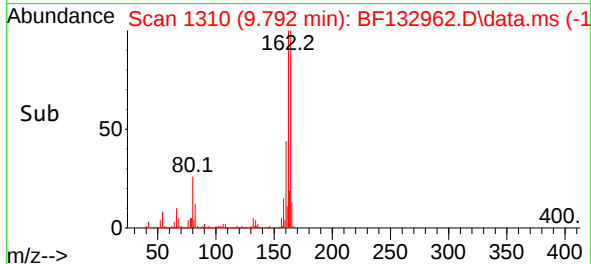
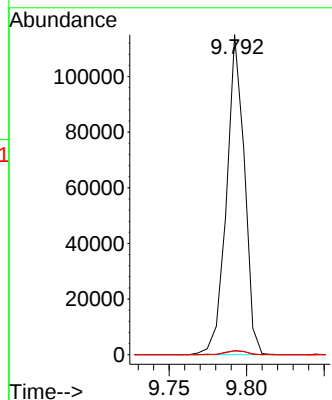
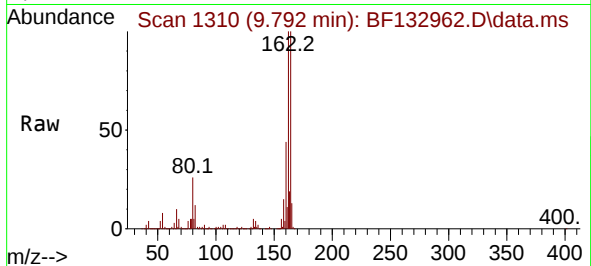




#51
2,6-Dinitrotoluene
Concen: 8.528 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.212 min
Lab File: BF132962.D
Acq: 21 Apr 2023 04:19

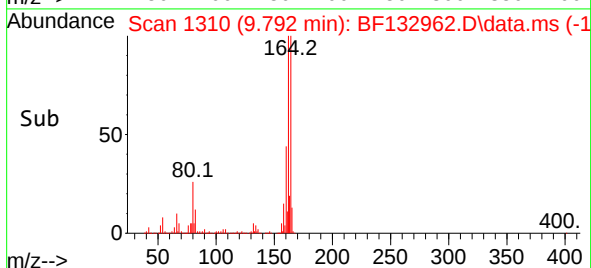
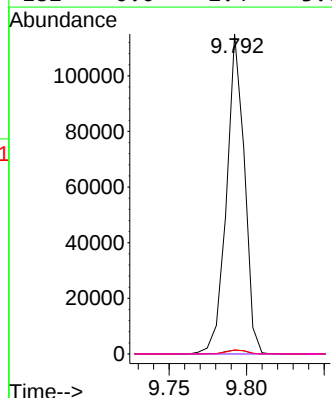
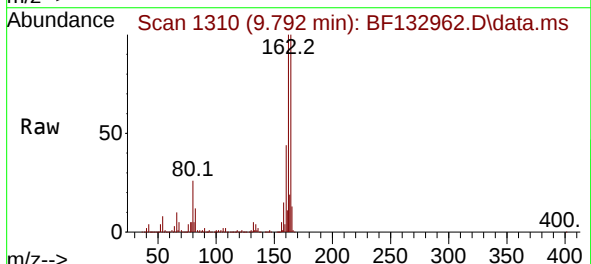
Instrument :
BNA_F
ClientSampleId :
SPC-2WC-23-04-17

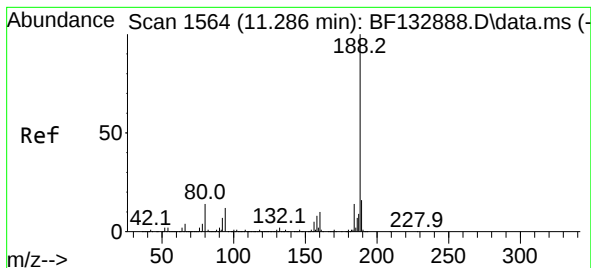
Tgt Ion:165 Resp: 92239
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.2 41.0 61.4#



#57
2,4-Dinitrotoluene
Concen: 6.910 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.194 min
Lab File: BF132962.D
Acq: 21 Apr 2023 04:19

Tgt Ion:165 Resp: 92239
Ion Ratio Lower Upper
165 100
63 1.2 37.0 55.6#
89 1.2 57.8 86.6#
182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132962.D

Acq: 21 Apr 2023 04:19

Instrument :

BNA_F

ClientSampleId :

SPC-2WC-23-04-17

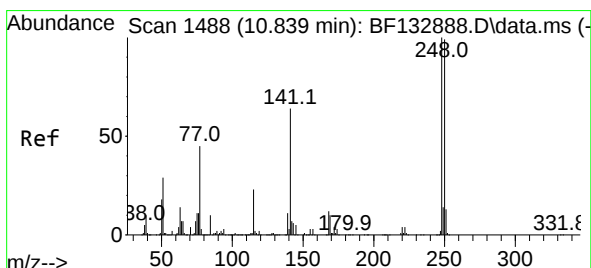
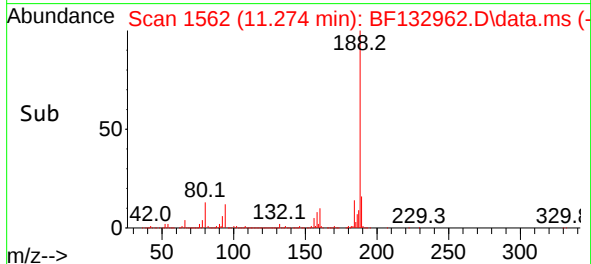
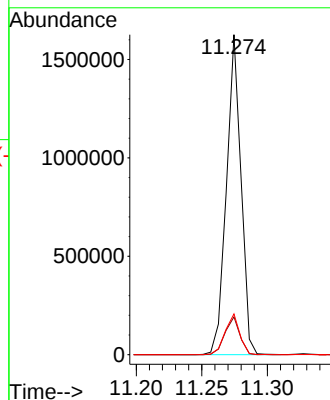
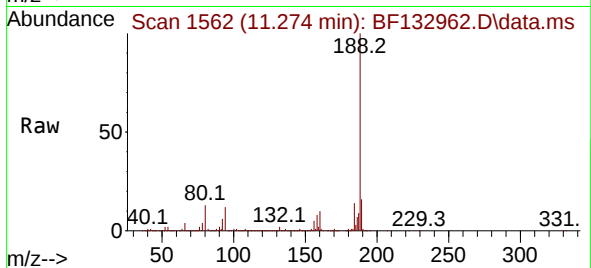
Tgt Ion:188 Resp: 1252399

Ion Ratio Lower Upper

188 100

94 11.8 9.9 14.9

80 12.8 10.8 16.2



#67

4-Bromophenyl-phenylether

Concen: 4.655 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.241 min

Lab File: BF132962.D

Acq: 21 Apr 2023 04:19

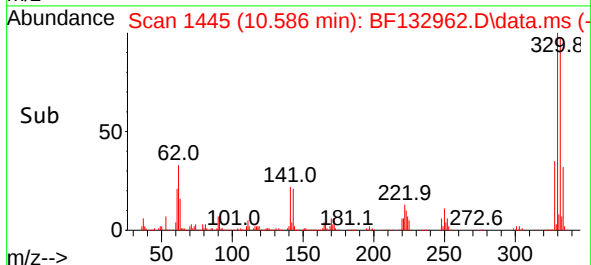
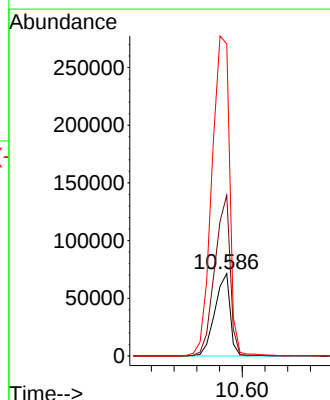
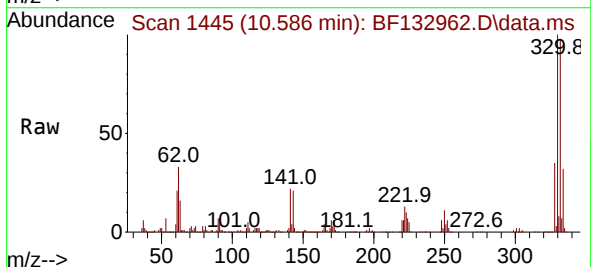
Tgt Ion:248 Resp: 66579

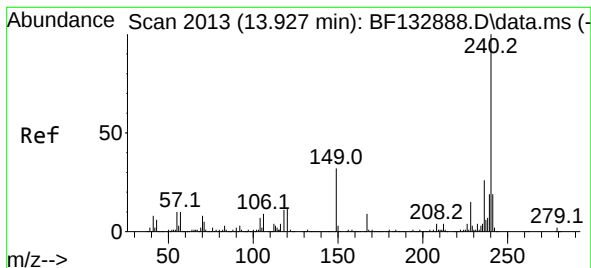
Ion Ratio Lower Upper

248 100

250 195.3 79.1 118.7#

141 378.8 51.0 76.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.910 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF132962.D

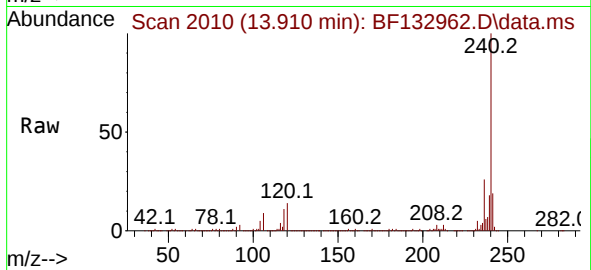
Acq: 21 Apr 2023 04:19

Instrument :

BNA_F

ClientSampleId :

SPC-2WC-23-04-17



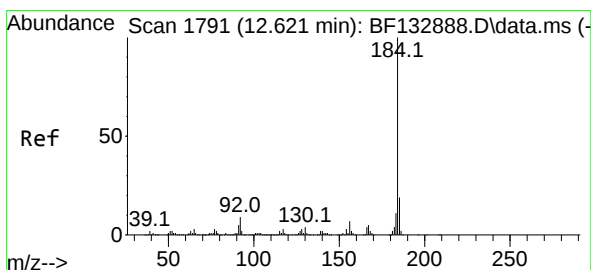
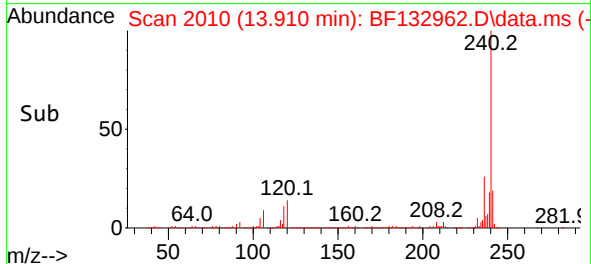
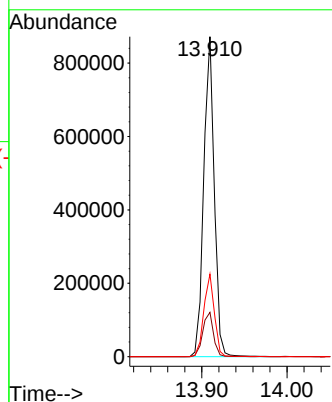
Tgt Ion:240 Resp: 747765

Ion Ratio Lower Upper

240 100

120 13.8 10.0 15.0

236 25.8 20.8 31.2



#77

Benidine

Concen: 4.714 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.259 min

Lab File: BF132962.D

Acq: 21 Apr 2023 04:19

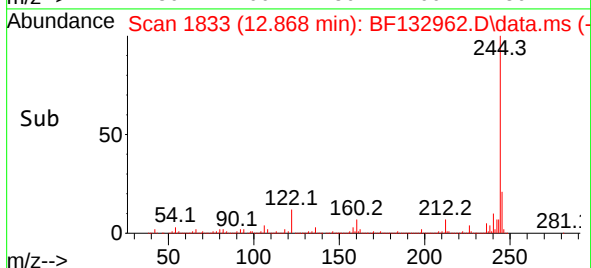
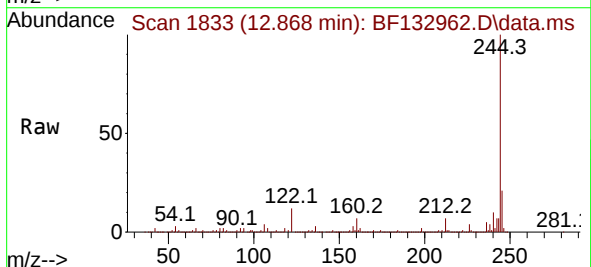
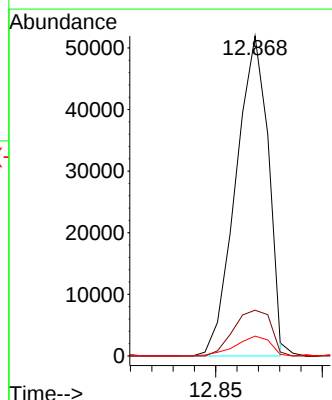
Tgt Ion:184 Resp: 54908

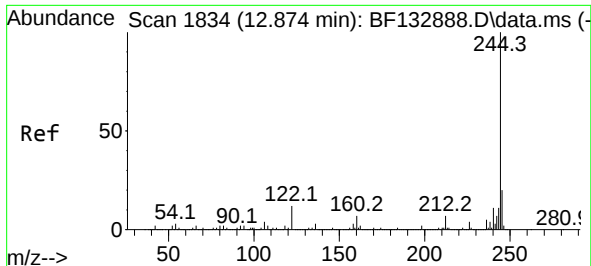
Ion Ratio Lower Upper

184 100

185 14.3 14.9 22.3#

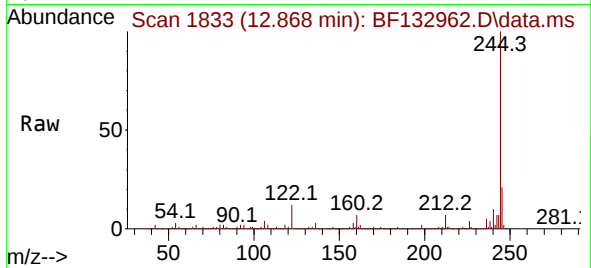
183 6.2 9.0 13.6#



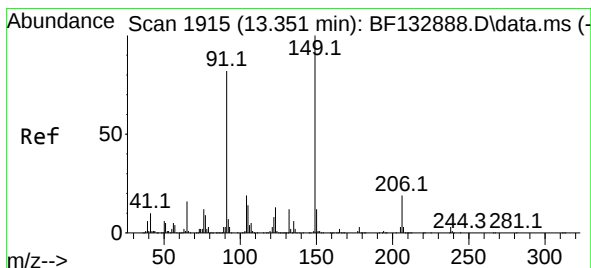
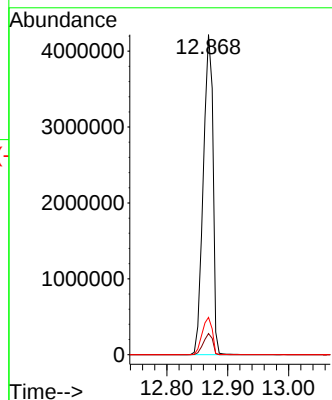
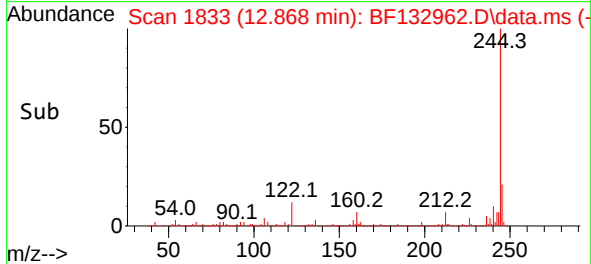


#79
 Terphenyl-d14
 Concen: 106.300 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: BF132962.D
 Acq: 21 Apr 2023 04:19

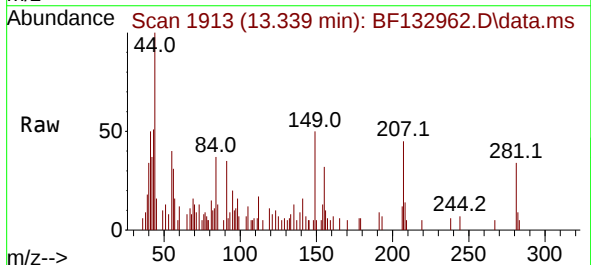
Instrument :
 BNA_F
 ClientSampleId :
 SPC-2WC-23-04-17



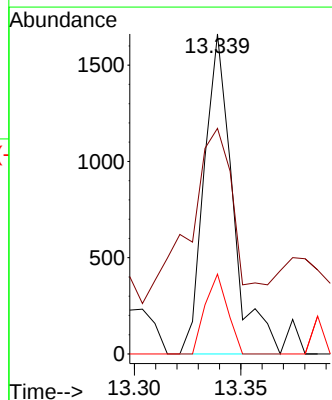
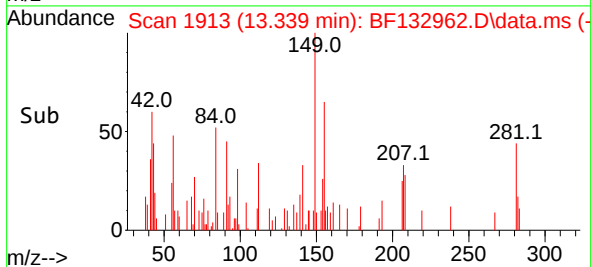
Tgt Ion:244 Resp: 4659104
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.7 9.6 14.4

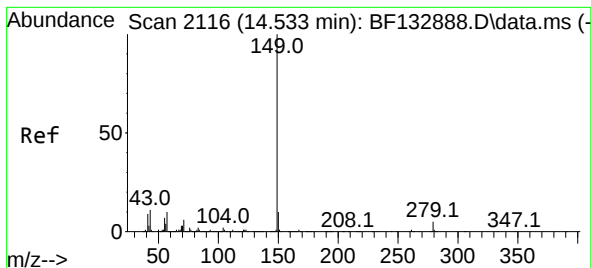


#80
 Butylbenzylphthalate
 Concen: 5.228 ng
 RT: 13.339 min Scan# 1913
 Delta R.T. -0.006 min
 Lab File: BF132962.D
 Acq: 21 Apr 2023 04:19



Tgt Ion:149 Resp: 1559
 Ion Ratio Lower Upper
 149 100
 91 70.5 65.4 98.0
 206 25.0 15.6 23.4





#85

Di-n-octyl phthalate

Concen: 6.400 ng

RT: 14.510 min Scan# 2112

Delta R.T. -0.012 min

Lab File: BF132962.D

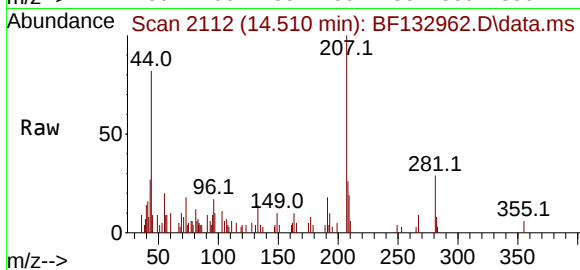
Acq: 21 Apr 2023 04:19

Instrument :

BNA_F

ClientSampleId :

SPC-2WC-23-04-17



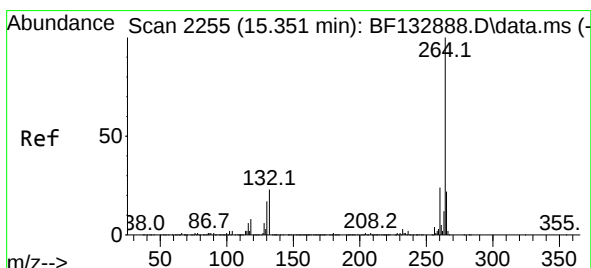
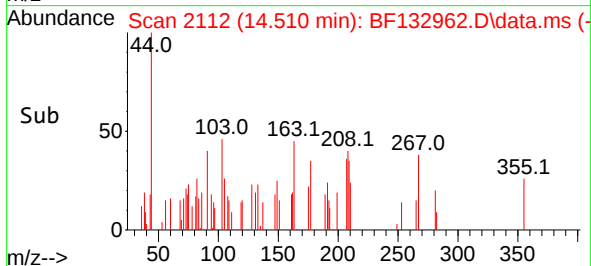
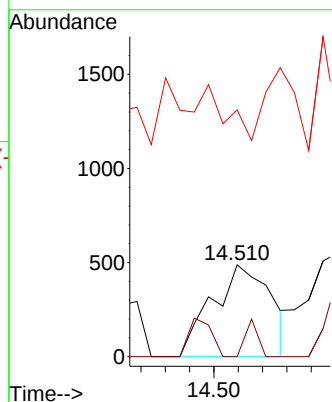
Tgt Ion:149 Resp: 812

Ion Ratio Lower Upper

149 100

167 8.7 1.2 1.8#

43 45.8 11.5 17.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.333 min Scan# 2252

Delta R.T. -0.006 min

Lab File: BF132962.D

Acq: 21 Apr 2023 04:19

Tgt Ion:264 Resp: 630575

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.8 17.7 26.5

