

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132949.D
 Acq On : 20 Apr 2023 21:36
 Operator : CG\JU
 Sample : 02389-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Apr 21 02:17:31 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)

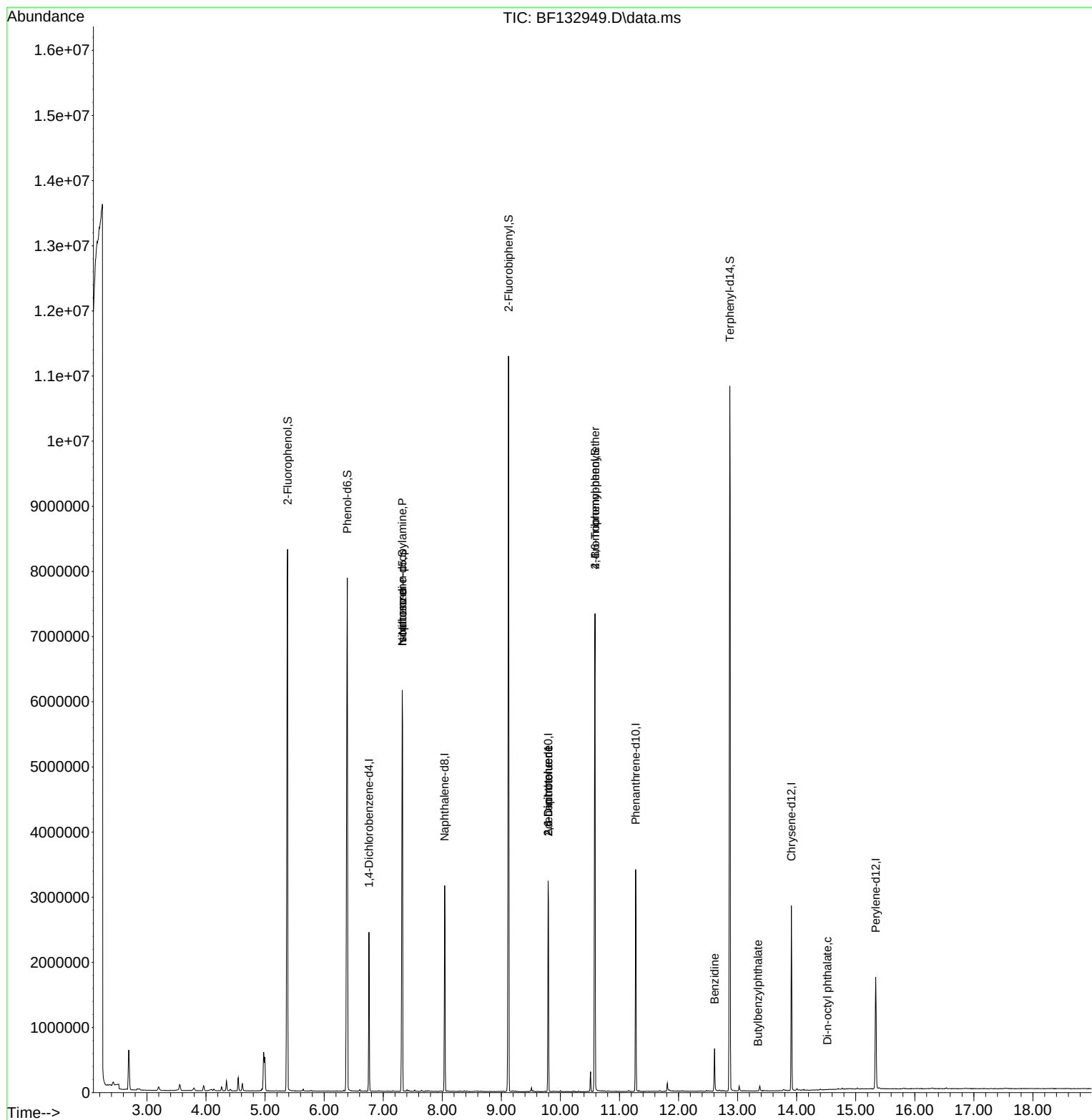
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	307701	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1233620	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	639603	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	1150331	20.000	ng	0.00
76) Chrysene-d12	13.910	240	812173	20.000	ng	0.00
86) Perylene-d12	15.339	264	671276	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2588224	131.528	ng	0.02
7) Phenol-d6	6.393	99	3141416	125.106	ng	0.00
23) Nitrobenzene-d5	7.322	82	2190996	92.577	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	972666	151.618	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	3449435	82.850	ng	0.00
79) Terphenyl-d14	12.869	244	4330909	90.976	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	293870	18.750	ng	# 83
25) Isophorone	7.322	82	2187788	48.735	ng	# 65
51) 2,6-Dinitrotoluene	9.792	165	83347	8.597	ng	# 27
57) 2,4-Dinitrotoluene	9.792	165	83347	6.966	ng	# 23
67) 4-Bromophenyl-phenylether	10.586	248	58372	4.444	ng	# 1
77) Benzidine	12.610	184	210882	16.668	ng	96
80) Butylbenzylphthalate	13.345	149	426	5.158	ng	# 42
85) Di-n-octyl phthalate	14.521	149	183	6.387	ng	# 1

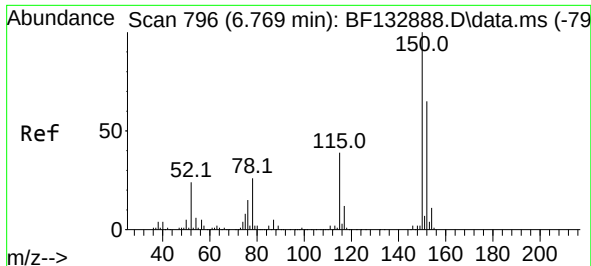
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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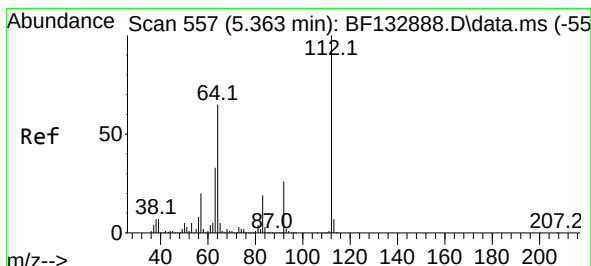
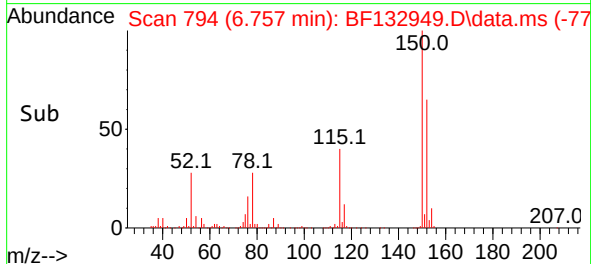
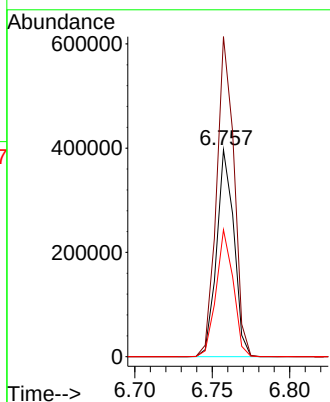
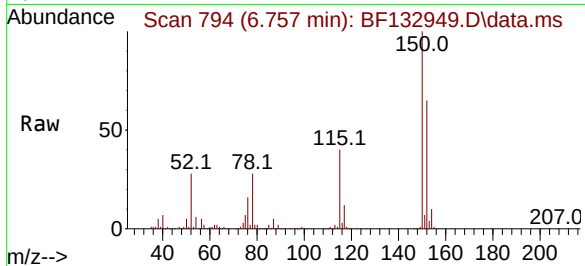




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132949.D
Acq: 20 Apr 2023 21:36

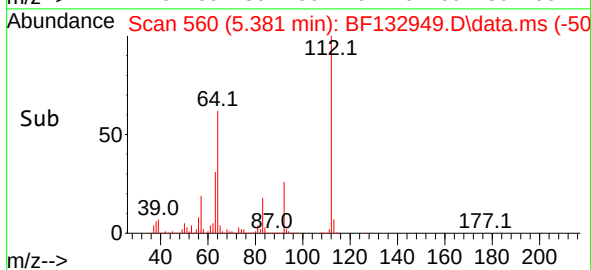
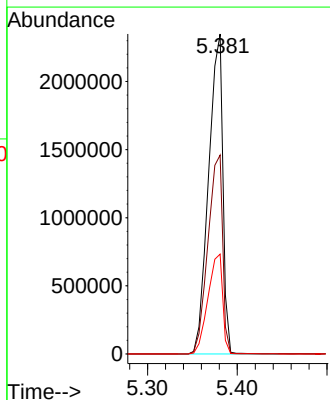
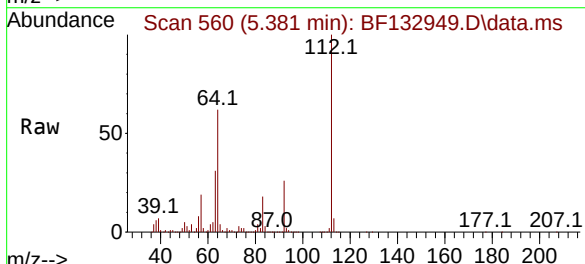
Instrument :
BNA_F
ClientSampleId :
SPB-2WC-23-04-17

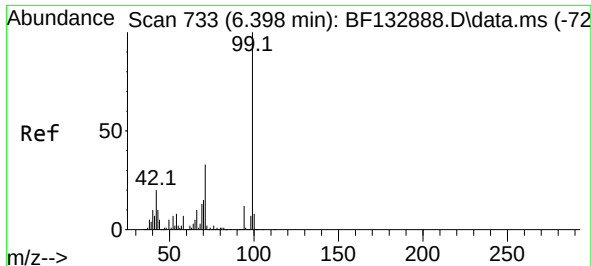
Tgt Ion:152 Resp: 307701
Ion Ratio Lower Upper
152 100
150 154.7 122.8 184.2
115 61.3 47.3 70.9



#5
2-Fluorophenol
Concen: 131.528 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.024 min
Lab File: BF132949.D
Acq: 20 Apr 2023 21:36

Tgt Ion:112 Resp: 2588224
Ion Ratio Lower Upper
112 100
64 62.2 51.8 77.8
63 31.2 26.3 39.5

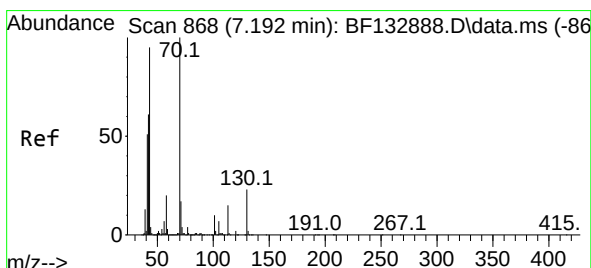
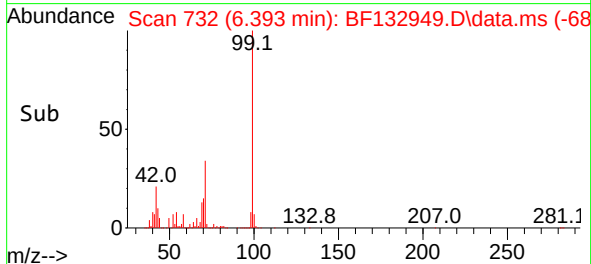
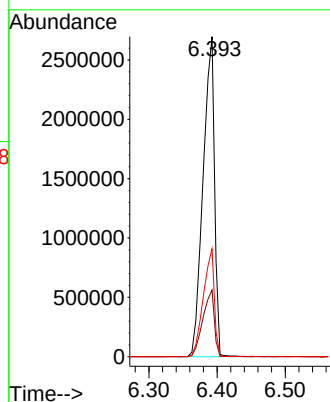
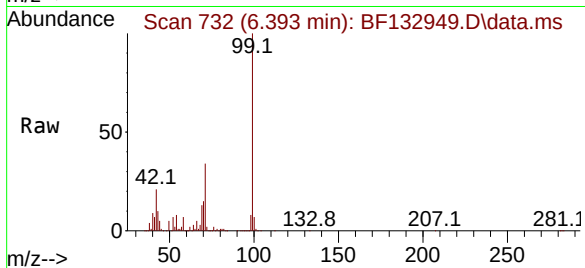




#7
Phenol-d6
Concen: 125.106 ng
RT: 6.393 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132949.D
Acq: 20 Apr 2023 21:36

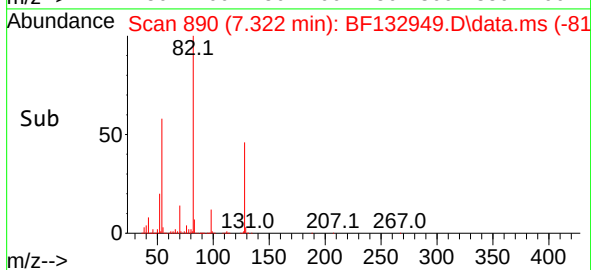
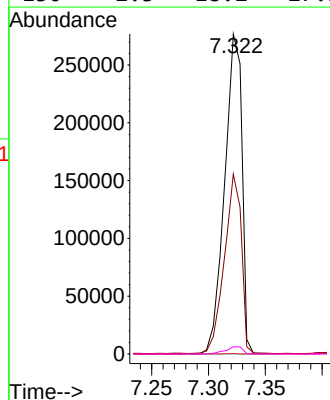
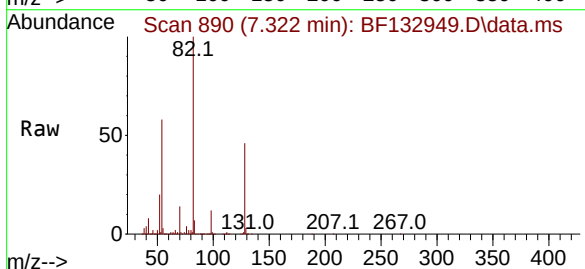
Instrument :
BNA_F
ClientSampleId :
SPB-2WC-23-04-17

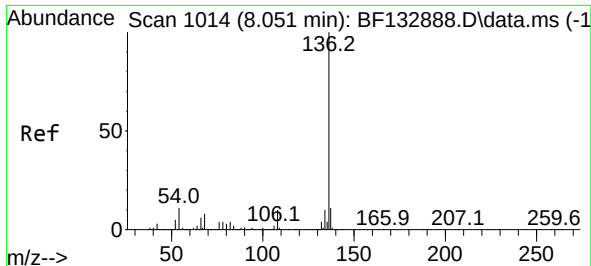
Tgt Ion: 99 Resp: 3141416
Ion Ratio Lower Upper
99 100
42 20.8 16.1 24.1
71 33.7 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.750 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.141 min
Lab File: BF132949.D
Acq: 20 Apr 2023 21:36

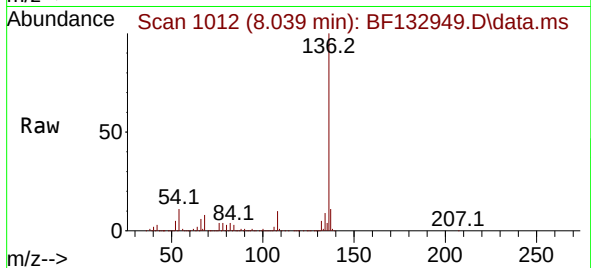
Tgt Ion: 70 Resp: 293870
Ion Ratio Lower Upper
70 100
42 56.2 49.0 73.6
101 0.1 8.1 12.1#
130 2.3 18.2 27.2#





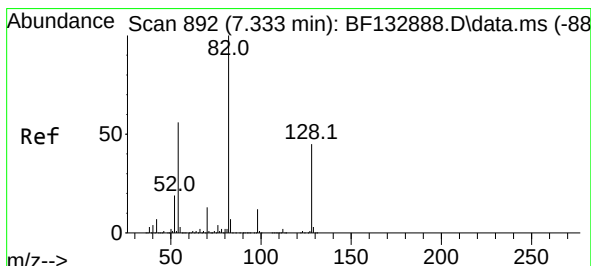
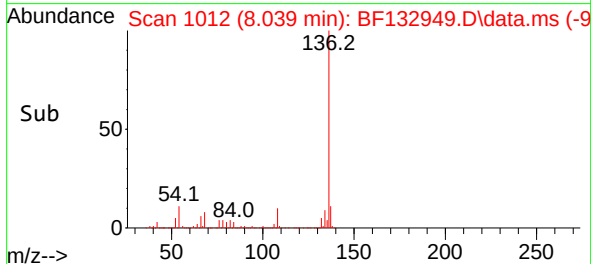
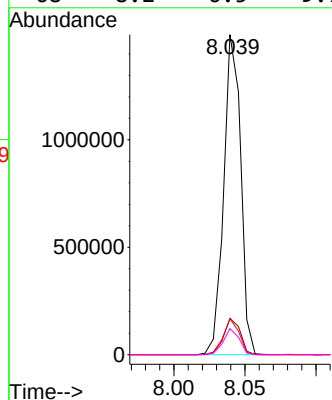
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132949.D
Acq: 20 Apr 2023 21:36

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



Tgt Ion:136 Resp: 1233620

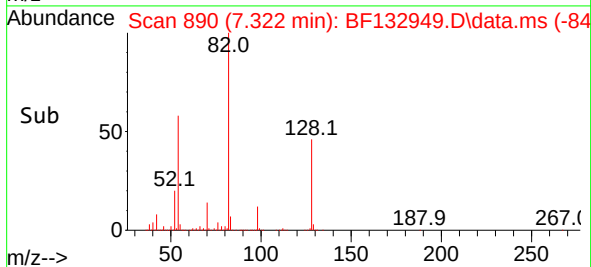
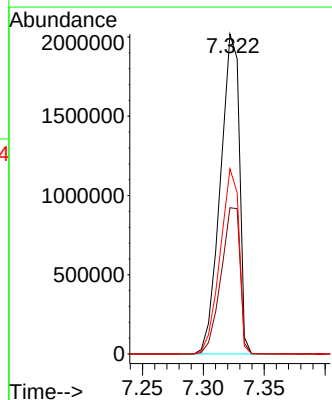
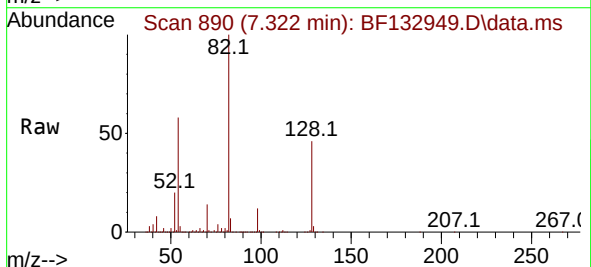
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	11.2	8.9	13.3
68	8.2	6.5	9.7

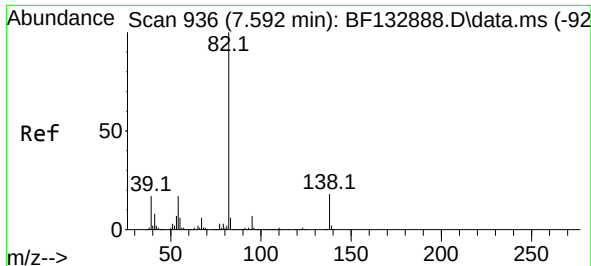


#23
Nitrobenzene-d5
Concen: 92.577 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF132949.D
Acq: 20 Apr 2023 21:36

Tgt Ion: 82 Resp: 2190996

Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.7	53.5
54	57.8	44.7	67.1

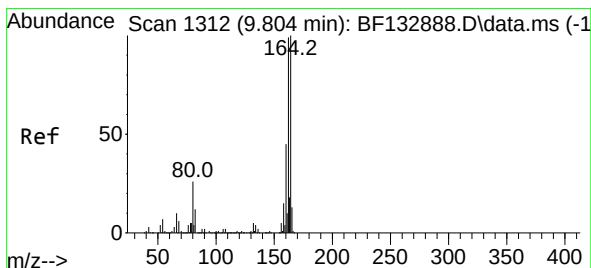
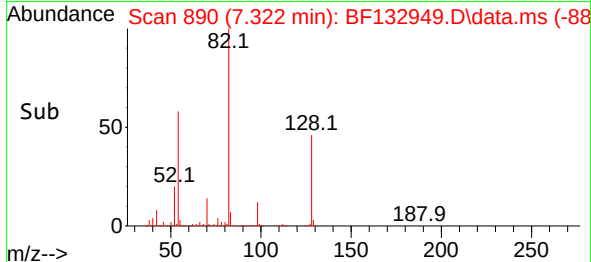
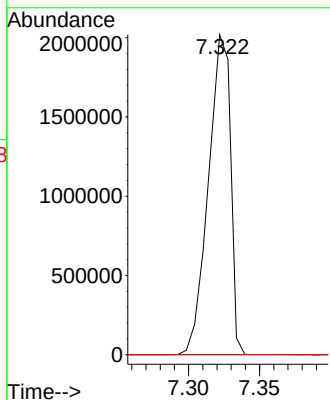
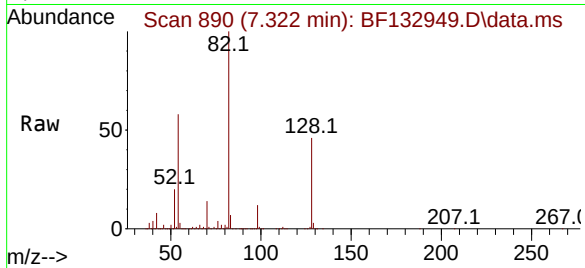




#25
Isophorone
Concen: 48.735 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF132949.D
Acq: 20 Apr 2023 21:36

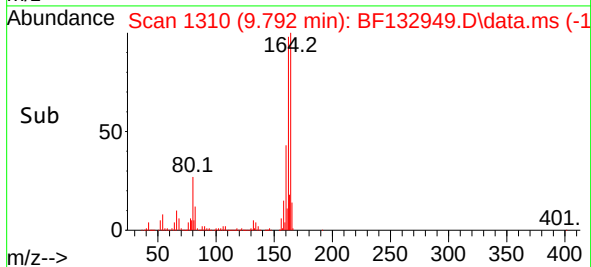
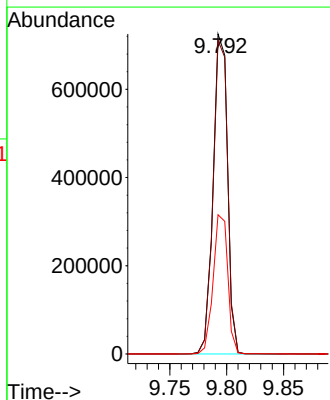
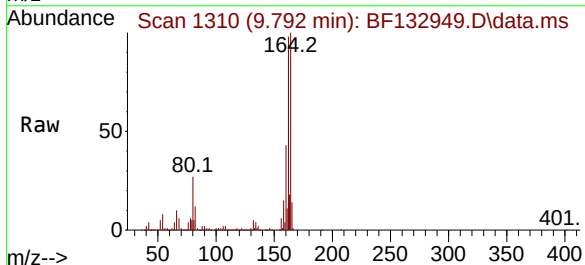
Instrument :
BNA_F
ClientSampleId :
SPB-2WC-23-04-17

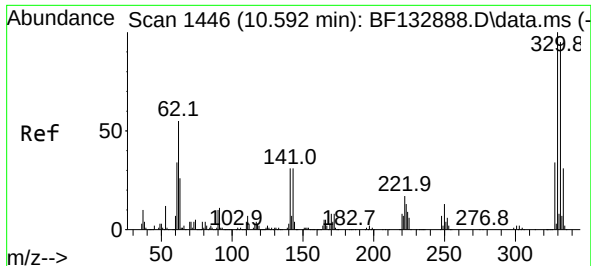
Tgt Ion: 82 Resp: 2187788
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF132949.D
Acq: 20 Apr 2023 21:36

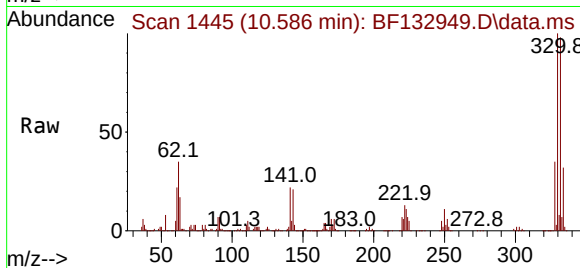
Tgt Ion:164 Resp: 639603
Ion Ratio Lower Upper
164 100
162 98.0 79.1 118.7
160 43.5 35.6 53.4



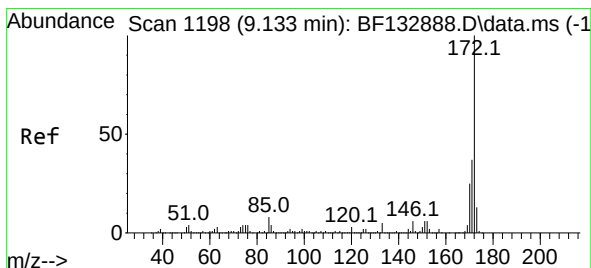
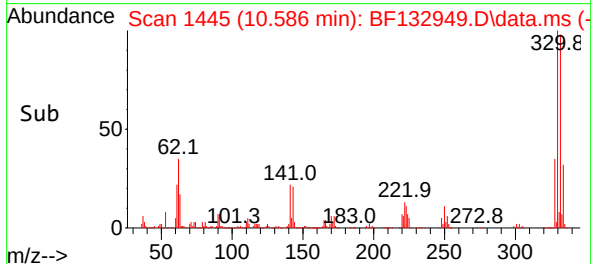
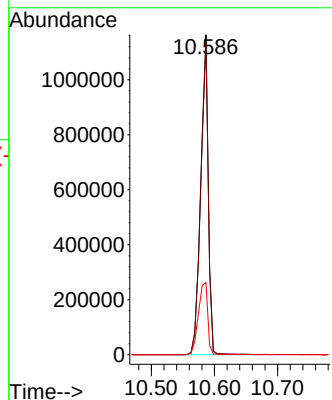


#42
2,4,6-Tribromophenol
Concen: 151.618 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF132949.D
Acq: 20 Apr 2023 21:36

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

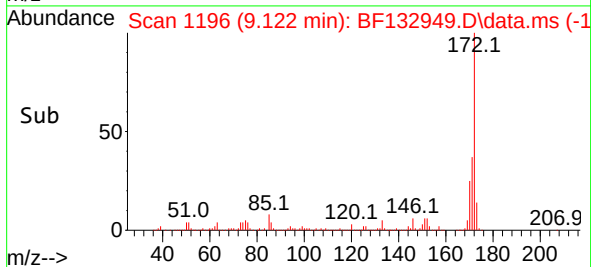
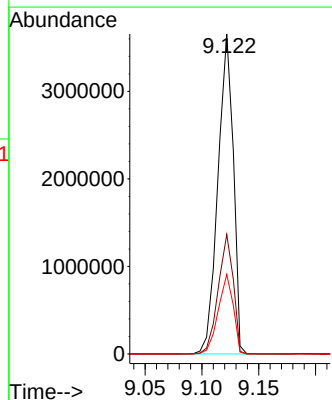
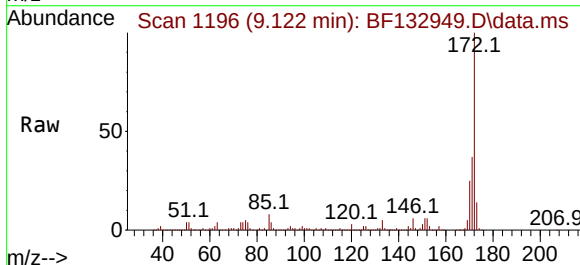


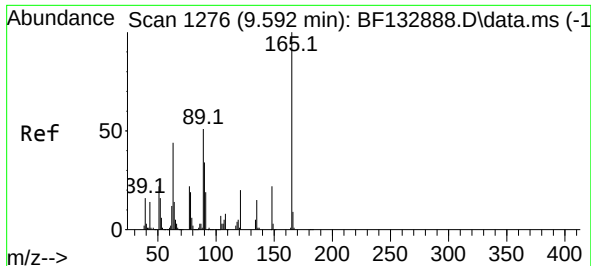
Tgt Ion:330 Resp: 972666
Ion Ratio Lower Upper
330 100
332 97.7 76.3 114.5
141 27.7 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 82.850 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF132949.D
Acq: 20 Apr 2023 21:36

Tgt Ion:172 Resp: 3449435
Ion Ratio Lower Upper
172 100
171 37.4 29.4 44.0
170 24.9 20.1 30.1





#51

2,6-Dinitrotoluene

Concen: 8.597 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF132949.D

Acq: 20 Apr 2023 21:36

Instrument :

BNA_F

ClientSampleId :

SPB-2WC-23-04-17

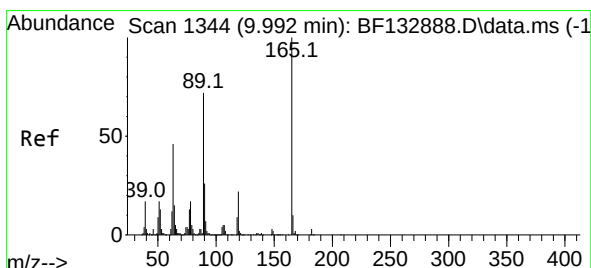
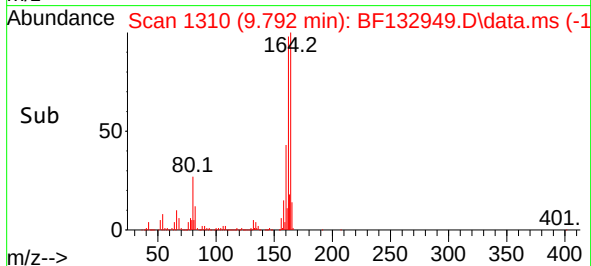
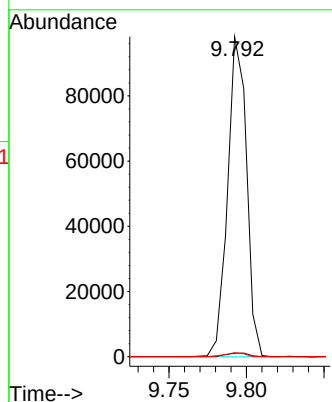
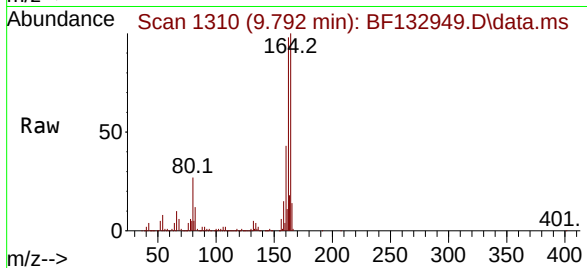
Tgt Ion:165 Resp: 83347

Ion Ratio Lower Upper

165 100

63 1.1 42.6 63.8#

89 1.2 41.0 61.4#



#57

2,4-Dinitrotoluene

Concen: 6.966 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.194 min

Lab File: BF132949.D

Acq: 20 Apr 2023 21:36

Tgt Ion:165 Resp: 83347

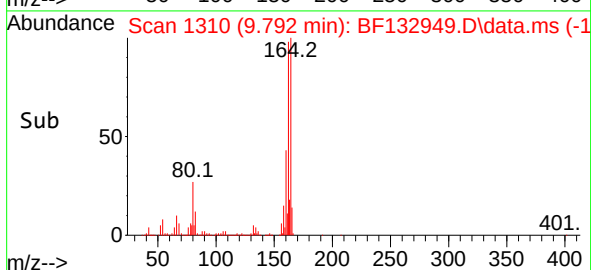
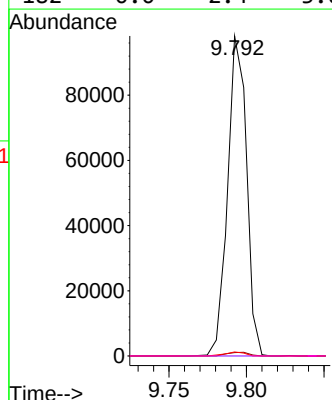
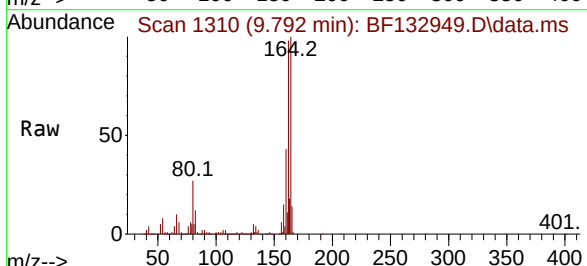
Ion Ratio Lower Upper

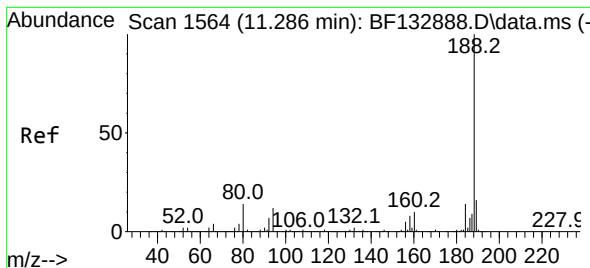
165 100

63 1.1 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: 11.275 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132949.D

Acq: 20 Apr 2023 21:36

Instrument :

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ClientSampleId :

SPB-2WC-23-04-17

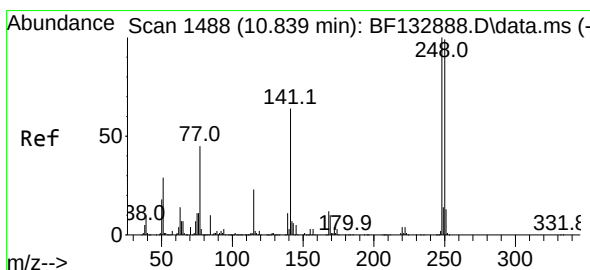
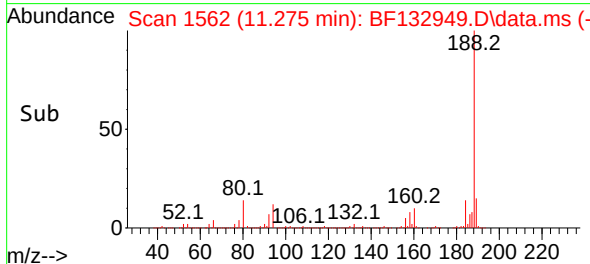
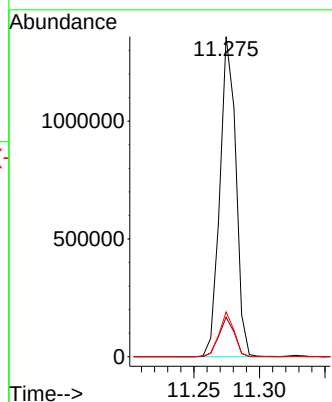
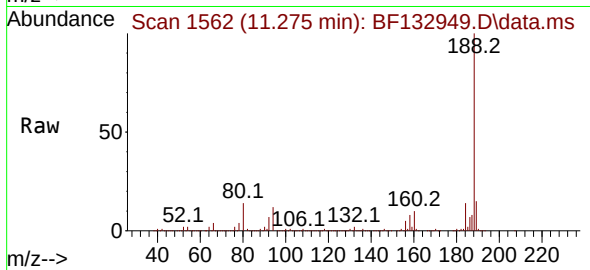
Tgt Ion:188 Resp: 1150331

Ion Ratio Lower Upper

188 100

94 12.3 9.9 14.9

80 14.0 10.8 16.2



#67

4-Bromophenyl-phenylether

Concen: 4.444 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.241 min

Lab File: BF132949.D

Acq: 20 Apr 2023 21:36

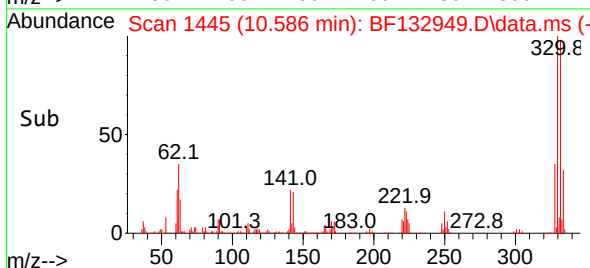
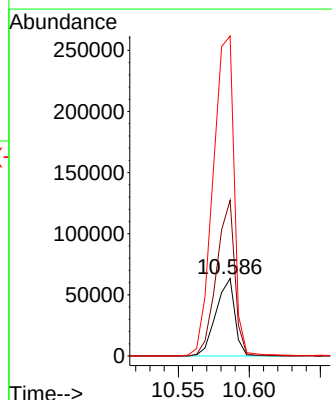
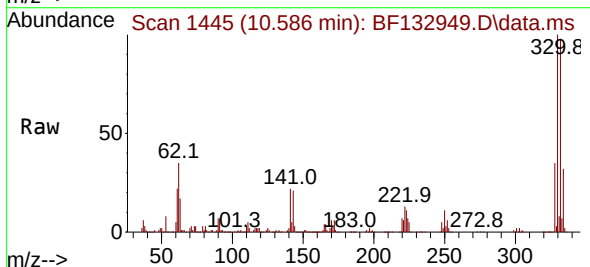
Tgt Ion:248 Resp: 58372

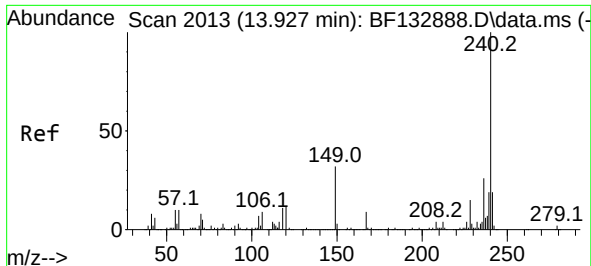
Ion Ratio Lower Upper

248 100

250 201.0 79.1 118.7#

141 413.1 51.0 76.6#

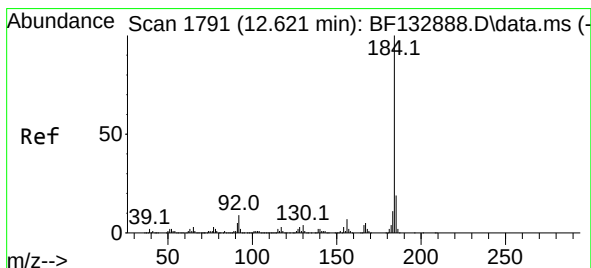
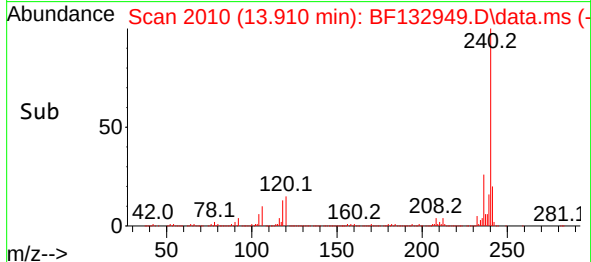
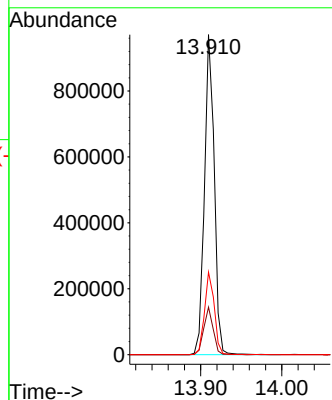
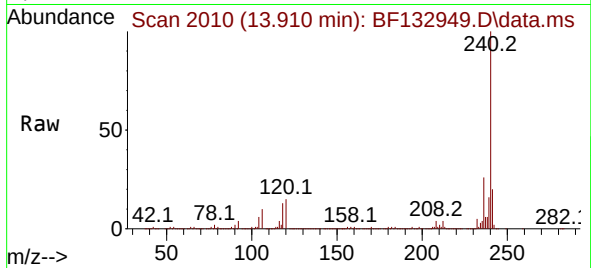




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF132949.D
Acq: 20 Apr 2023 21:36

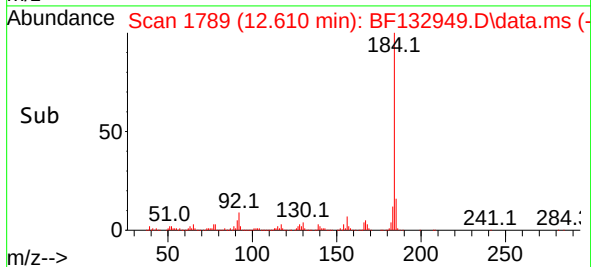
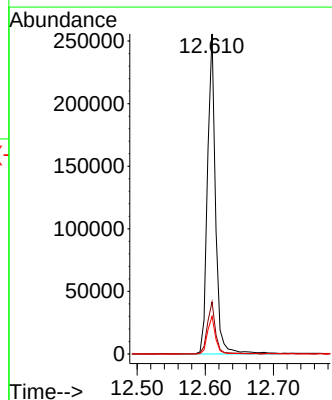
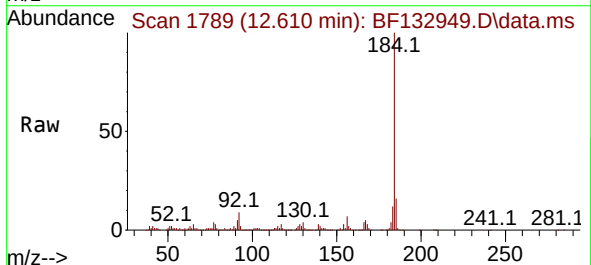
Instrument :
BNA_F
ClientSampleId :
SPB-2WC-23-04-17

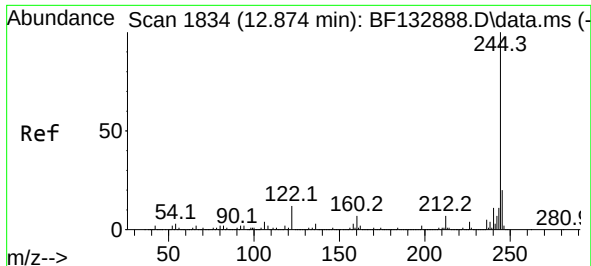
Tgt Ion:240 Resp: 812173
Ion Ratio Lower Upper
240 100
120 14.9 10.0 15.0
236 25.8 20.8 31.2



#77
Benzidine
Concen: 16.668 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF132949.D
Acq: 20 Apr 2023 21:36

Tgt Ion:184 Resp: 210882
Ion Ratio Lower Upper
184 100
185 16.3 14.9 22.3
183 11.7 9.0 13.6

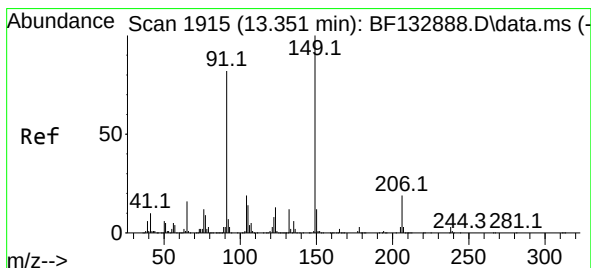
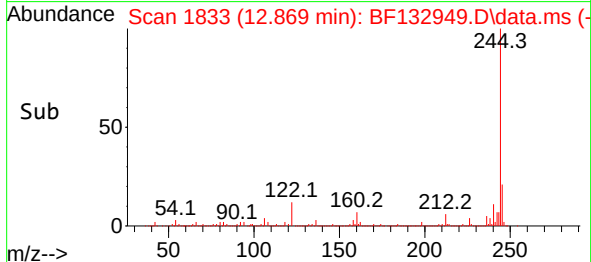
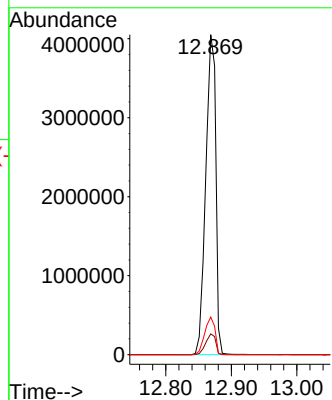
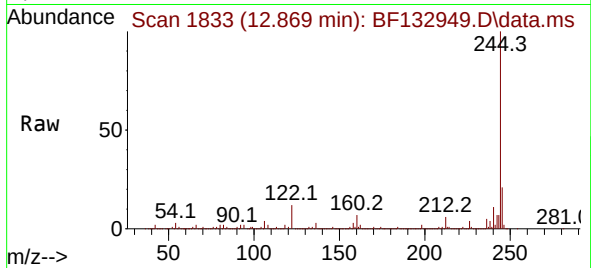




#79
 Terphenyl-d14
 Concen: 90.976 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF132949.D
 Acq: 20 Apr 2023 21:36

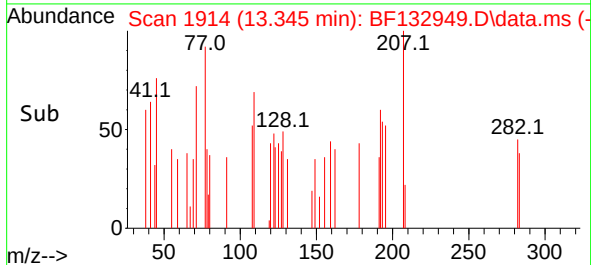
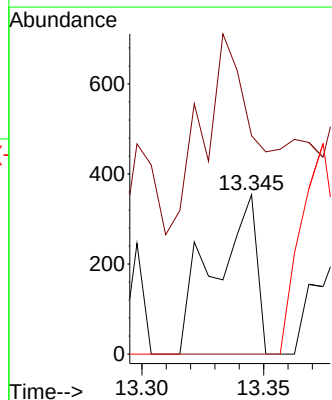
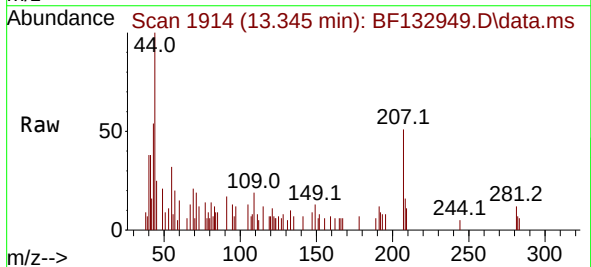
Instrument :
 BNA_F
 ClientSampleId :
 SPB-2WC-23-04-17

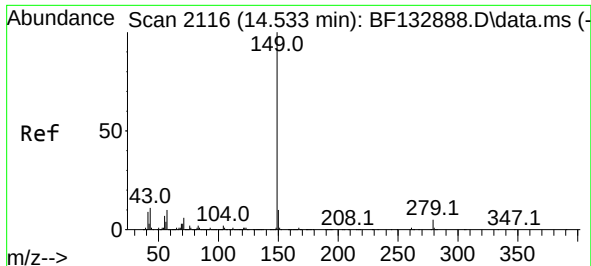
Tgt Ion:244 Resp: 4330909
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 11.8 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 5.158 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: BF132949.D
 Acq: 20 Apr 2023 21:36

Tgt Ion:149 Resp: 426
 Ion Ratio Lower Upper
 149 100
 91 137.0 65.4 98.0#
 206 0.0 15.6 23.4#

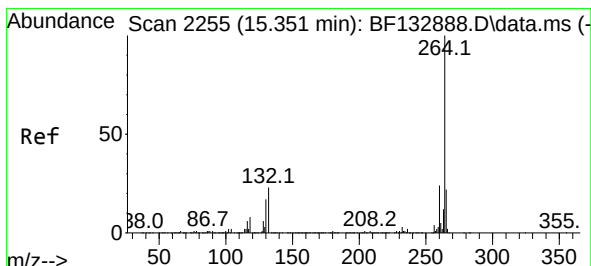
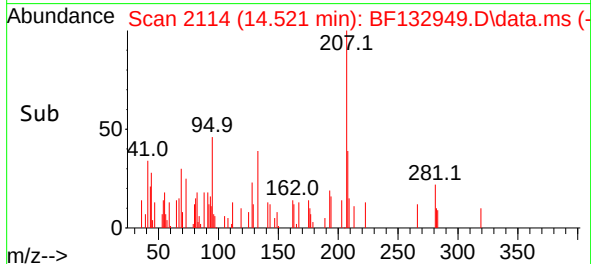
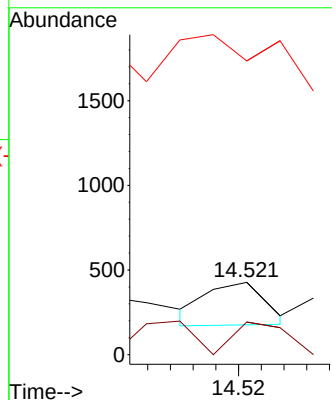
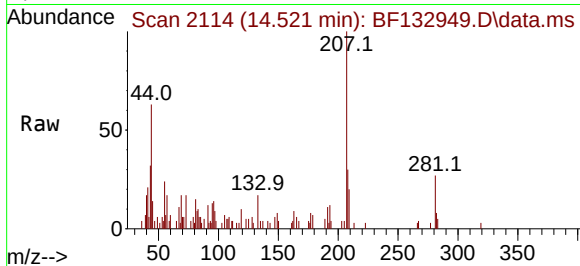




#85
Di-n-octyl phthalate
Concen: 6.387 ng
RT: 14.521 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BF132949.D
Acq: 20 Apr 2023 21:36

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

Tgt Ion:149 Resp: 183
Ion Ratio Lower Upper
149 100
167 67.8 1.2 1.8#
43 214.8 11.5 17.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.339 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BF132949.D
Acq: 20 Apr 2023 21:36

Tgt Ion:264 Resp: 671276
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.4 17.7 26.5

