

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132948.D
 Acq On : 20 Apr 2023 21:05
 Operator : CG\JU
 Sample : 02389-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPB-1WC-23-04-17

Quant Time: Apr 21 02:17:14 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)

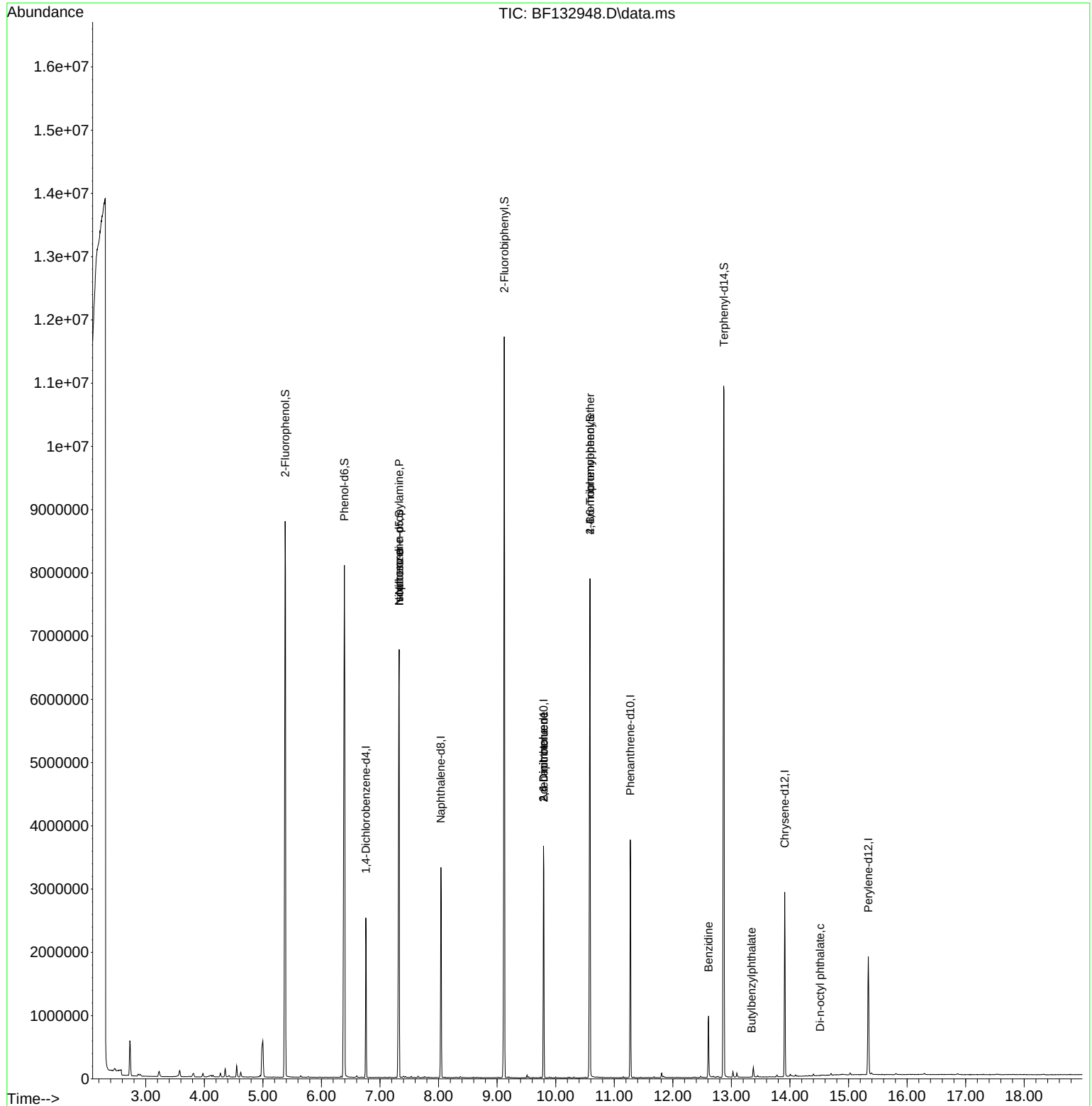
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	338916	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1343495	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	722365	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	1294868	20.000	ng	0.00
76) Chrysene-d12	13.910	240	902436	20.000	ng	0.00
86) Perylene-d12	15.339	264	744931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2826039	130.386	ng	0.02
7) Phenol-d6	6.393	99	3512630	127.005	ng	0.00
23) Nitrobenzene-d5	7.328	82	2362489	91.660	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	1106077	152.660	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	3782815	80.447	ng	0.00
79) Terphenyl-d14	12.874	244	4614556	87.239	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	318875	18.471	ng	# 79
25) Isophorone	7.328	82	2358348	48.238	ng	# 65
51) 2,6-Dinitrotoluene	9.792	165	94036	8.588	ng	# 27
57) 2,4-Dinitrotoluene	9.792	165	94036	6.958	ng	# 23
67) 4-Bromophenyl-phenylether	10.586	248	65756	4.447	ng	# 1
77) Benzidine	12.610	184	341951	24.325	ng	95
80) Butylbenzylphthalate	13.345	149	281	5.148	ng	# 1
85) Di-n-octyl phthalate	14.516	149	747	6.396	ng	# 43

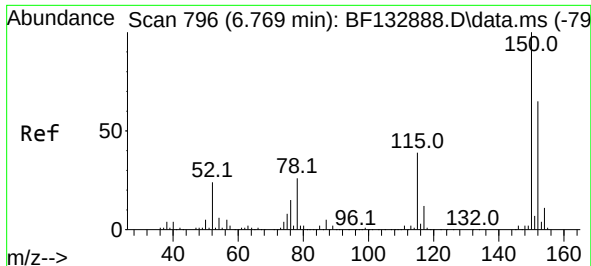
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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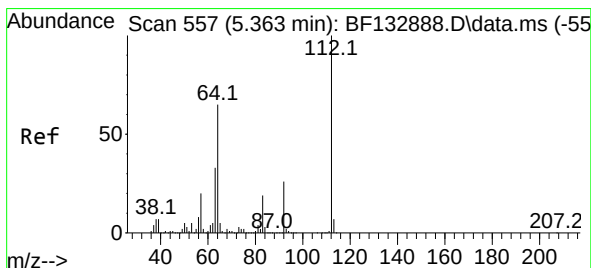
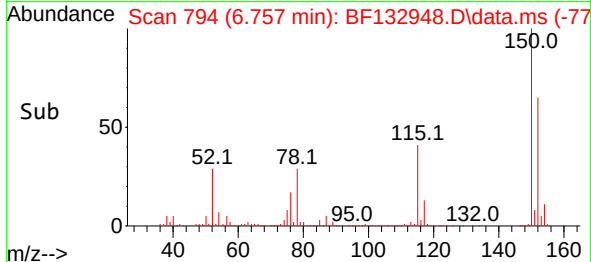
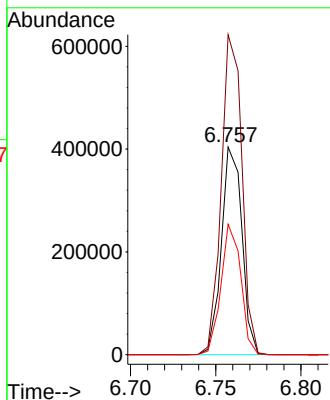
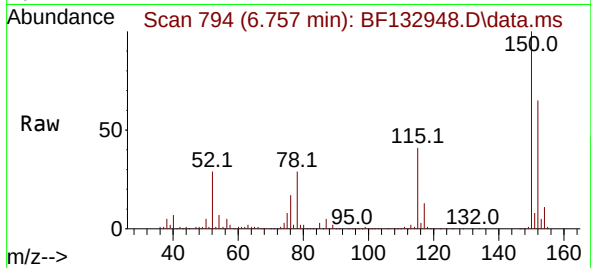




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

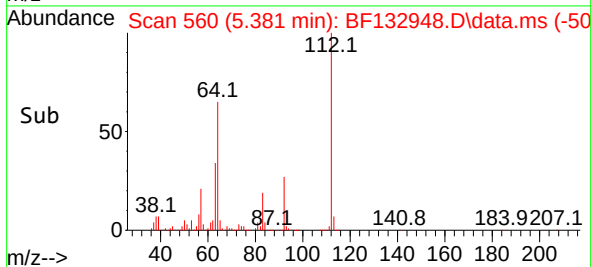
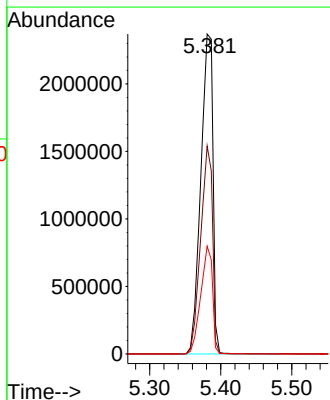
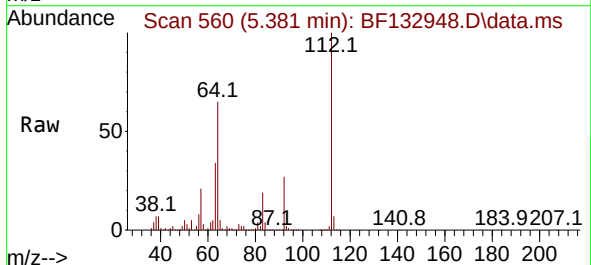
Instrument :
BNA_F
ClientSampleId :
SPB-1WC-23-04-17

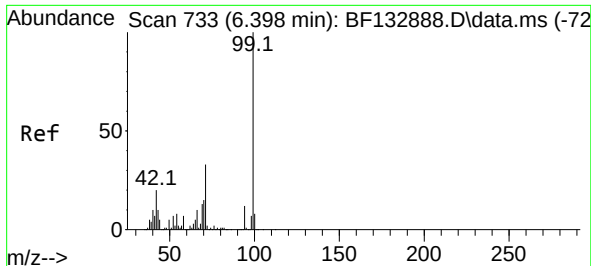
Tgt Ion:152 Resp: 338916
Ion Ratio Lower Upper
152 100
150 154.1 122.8 184.2
115 62.8 47.3 70.9



#5
2-Fluorophenol
Concen: 130.386 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.024 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

Tgt Ion:112 Resp: 2826039
Ion Ratio Lower Upper
112 100
64 65.0 51.8 77.8
63 33.7 26.3 39.5

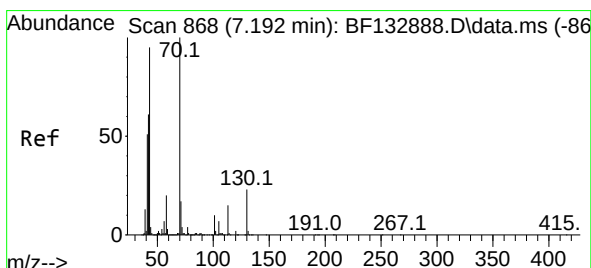
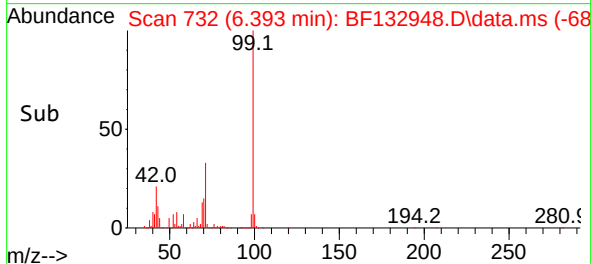
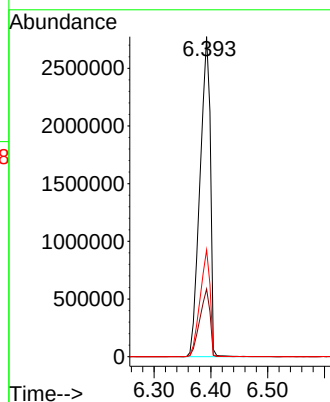
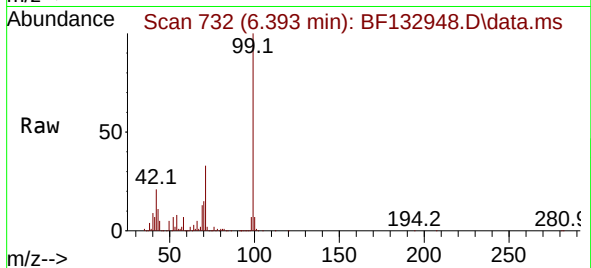




#7
Phenol-d6
Concen: 127.005 ng
RT: 6.393 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

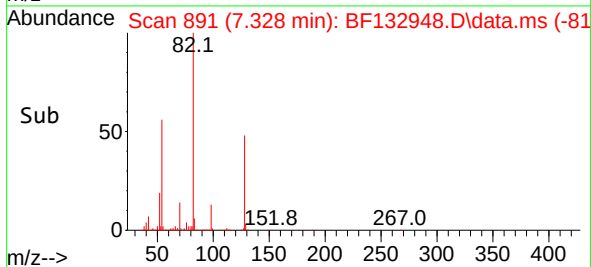
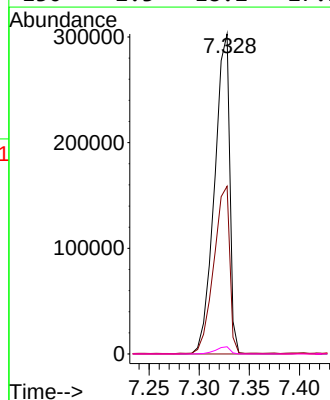
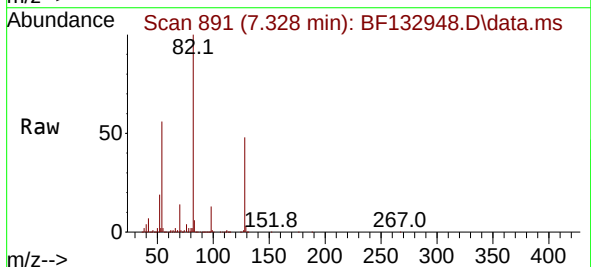
Instrument :
BNA_F
ClientSampleId :
SPB-1WC-23-04-17

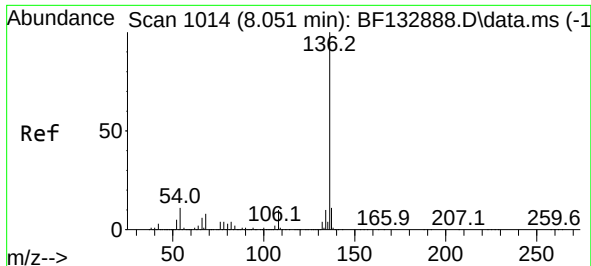
Tgt Ion: 99 Resp: 3512630
Ion Ratio Lower Upper
99 100
42 21.2 16.1 24.1
71 33.3 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.471 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

Tgt Ion: 70 Resp: 318875
Ion Ratio Lower Upper
70 100
42 52.4 49.0 73.6
101 0.0 8.1 12.1#
130 2.3 18.2 27.2#

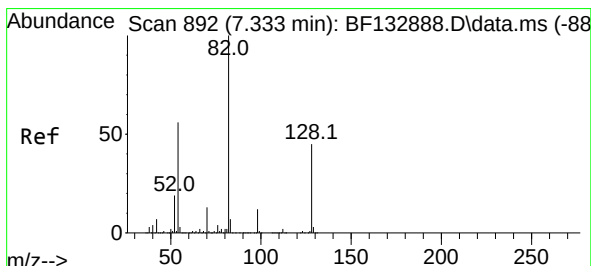
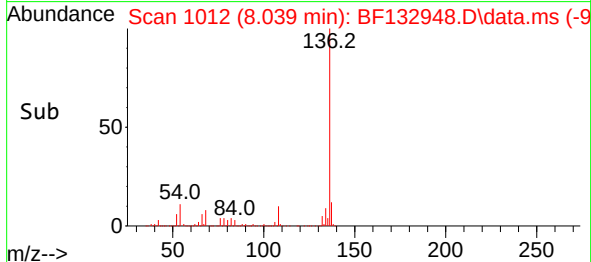
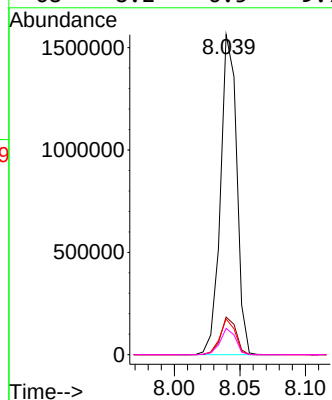
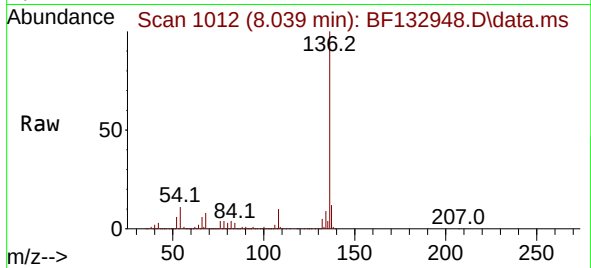




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

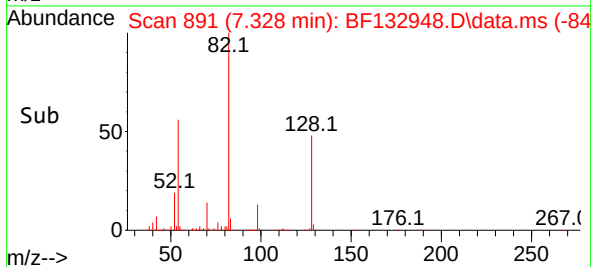
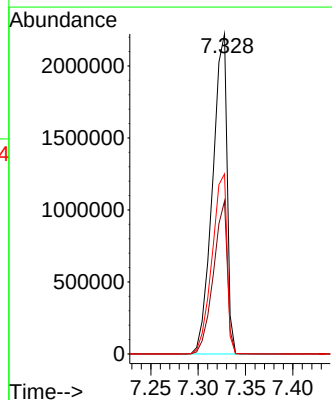
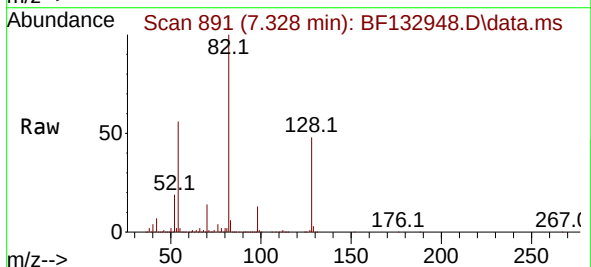
Instrument :
BNA_F
ClientSampleId :
SPB-1WC-23-04-17

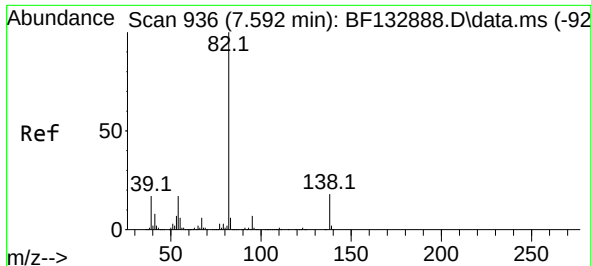
Tgt Ion:136 Resp: 1343495
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.4
54 11.2 8.9 13.3
68 8.2 6.5 9.7



#23
Nitrobenzene-d5
Concen: 91.660 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

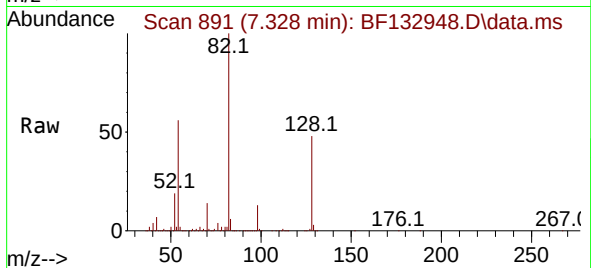
Tgt Ion: 82 Resp: 2362489
Ion Ratio Lower Upper
82 100
128 47.8 35.7 53.5
54 56.2 44.7 67.1



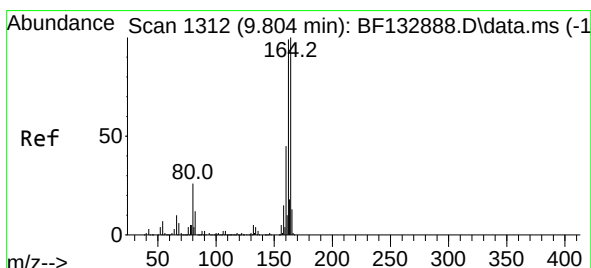
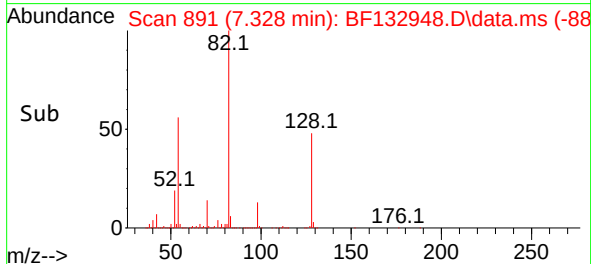
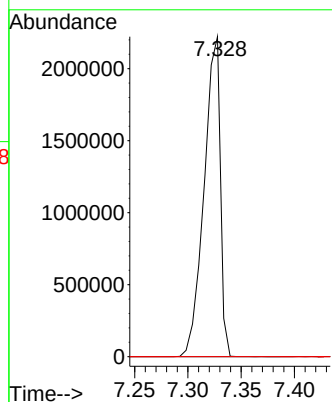


#25
Isophorone
Concen: 48.238 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.259 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

Instrument :
BNA_F
ClientSampleId :
SPB-1WC-23-04-17

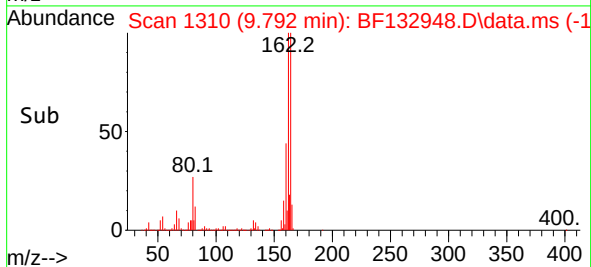
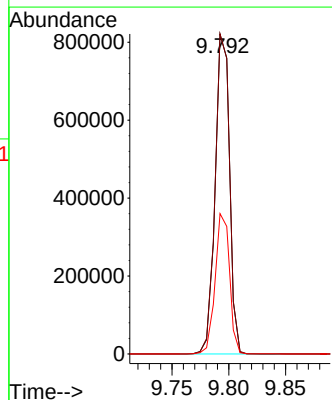
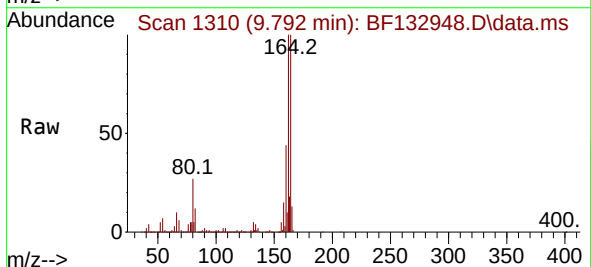


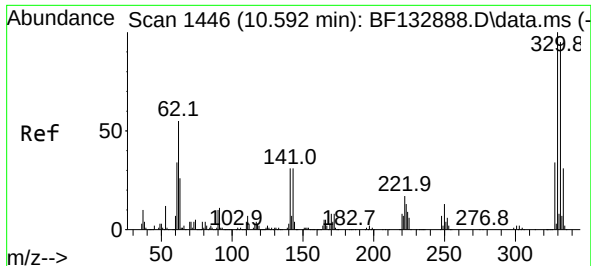
Tgt Ion: 82 Resp: 2358348
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

Tgt Ion:164 Resp: 722365
Ion Ratio Lower Upper
164 100
162 100.1 79.1 118.7
160 43.9 35.6 53.4

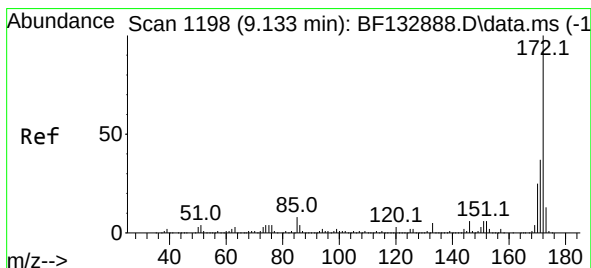
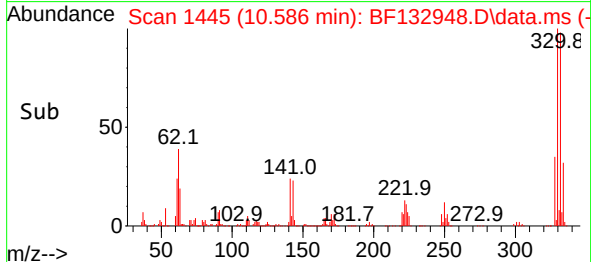
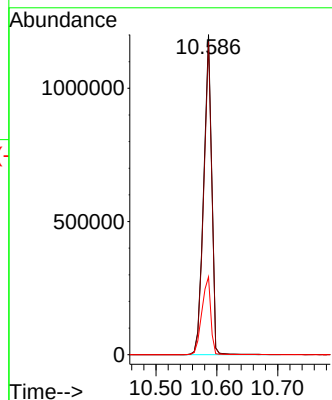
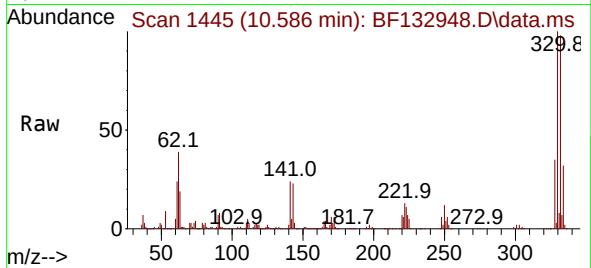




#42
2,4,6-Tribromophenol
Concen: 152.660 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

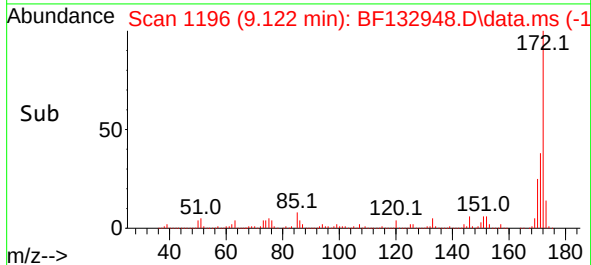
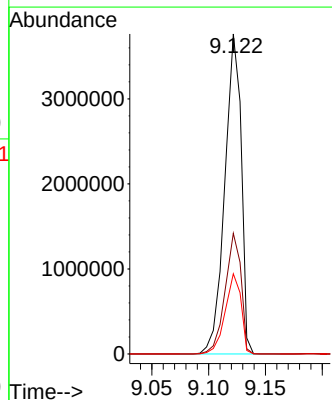
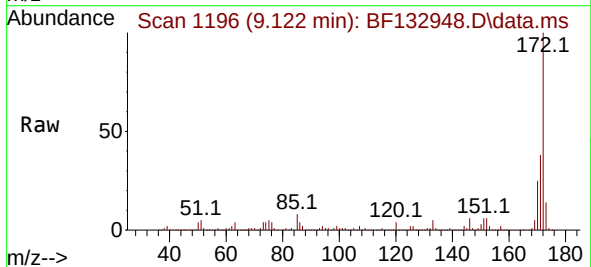
Instrument :
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ClientSampleId :
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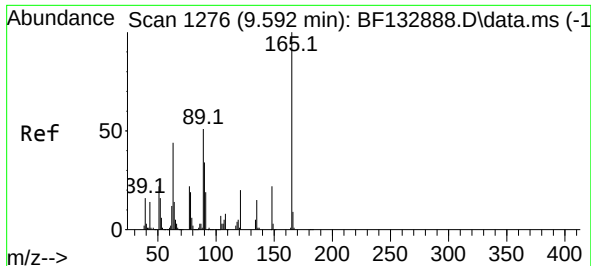
Tgt Ion:330 Resp: 1106077
Ion Ratio Lower Upper
330 100
332 97.0 76.3 114.5
141 26.8 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 80.447 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

Tgt Ion:172 Resp: 3782815
Ion Ratio Lower Upper
172 100
171 37.7 29.4 44.0
170 25.1 20.1 30.1





#51

2,6-Dinitrotoluene

Concen: 8.588 ng

RT: 9.792 min Scan# 1310

Delta R.T. 0.212 min

Lab File: BF132948.D

Acq: 20 Apr 2023 21:05

Instrument :

BNA_F

ClientSampleId :

SPB-1WC-23-04-17

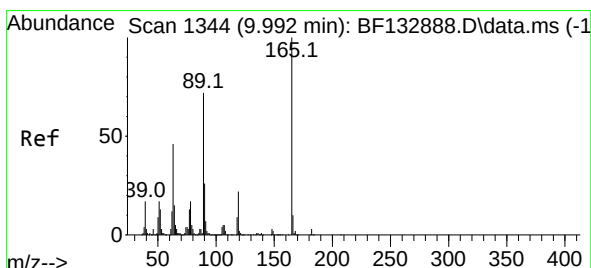
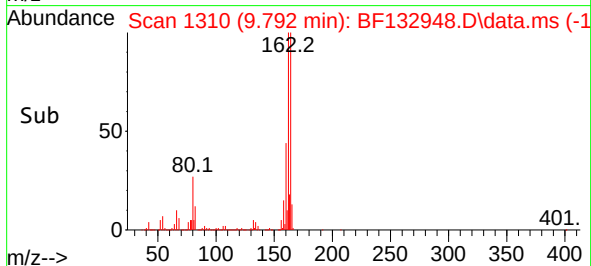
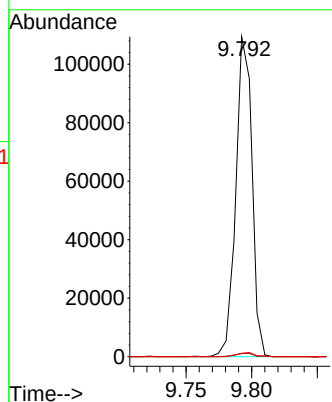
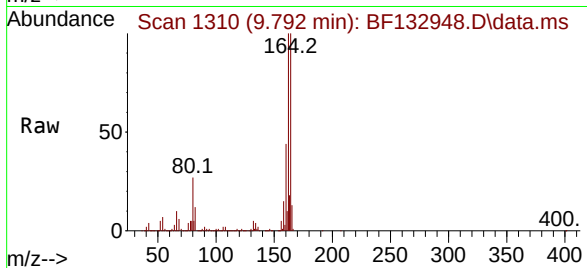
Tgt Ion:165 Resp: 94036

Ion Ratio Lower Upper

165 100

63 1.0 42.6 63.8#

89 1.1 41.0 61.4#



#57

2,4-Dinitrotoluene

Concen: 6.958 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.194 min

Lab File: BF132948.D

Acq: 20 Apr 2023 21:05

Tgt Ion:165 Resp: 94036

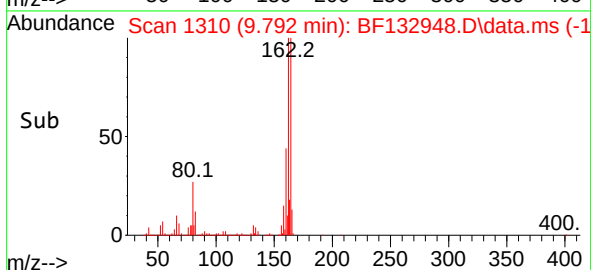
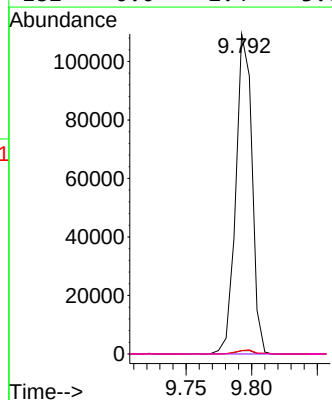
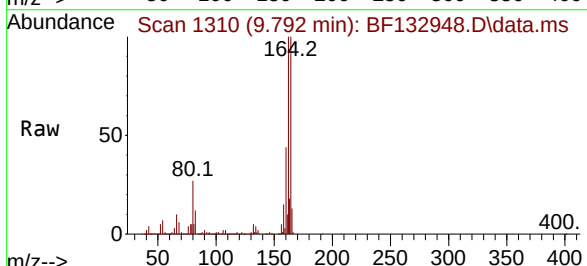
Ion Ratio Lower Upper

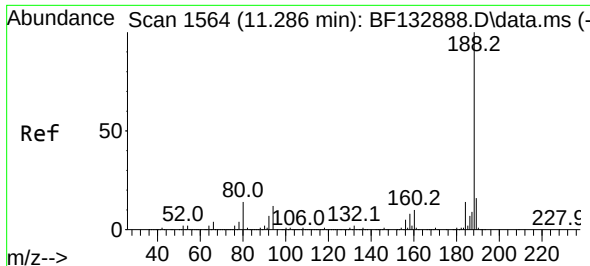
165 100

63 1.0 37.0 55.6#

89 1.1 57.8 86.6#

182 0.0 2.4 3.6#

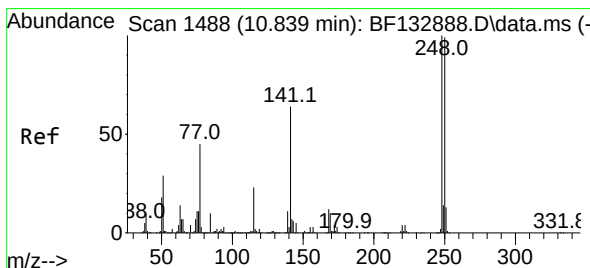
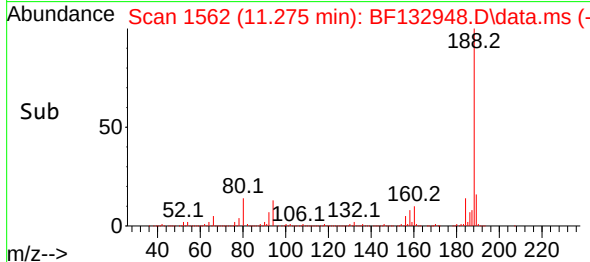
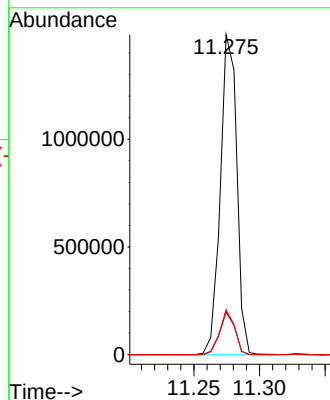
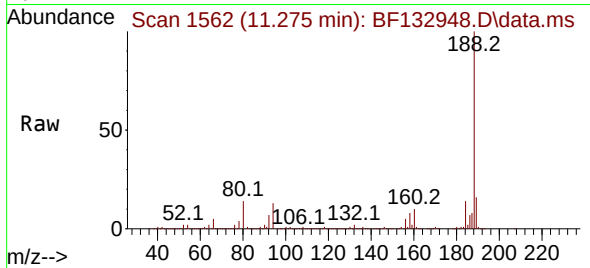




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

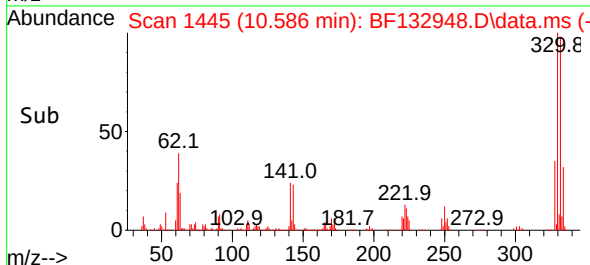
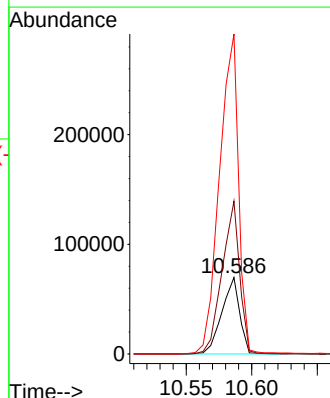
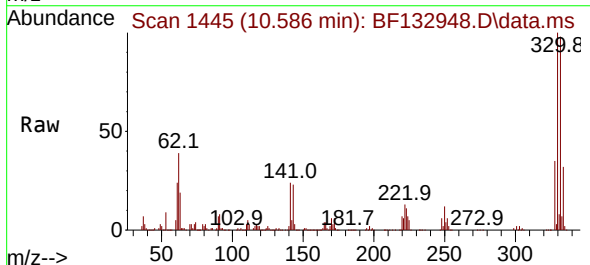
Instrument :
BNA_F
ClientSampleId :
SPB-1WC-23-04-17

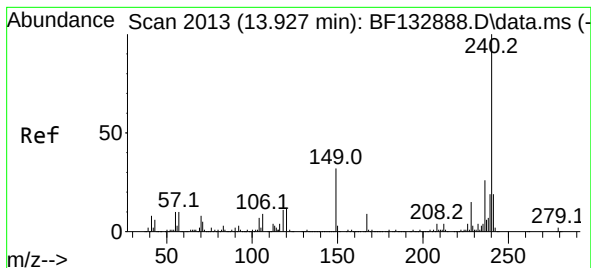
Tgt Ion:188 Resp: 1294868
Ion Ratio Lower Upper
188 100
94 13.3 9.9 14.9
80 14.1 10.8 16.2



#67
4-Bromophenyl-phenylether
Concen: 4.447 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.241 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

Tgt Ion:248 Resp: 65756
Ion Ratio Lower Upper
248 100
250 199.5 79.1 118.7#
141 418.0 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: BF132948.D

Acq: 20 Apr 2023 21:05

Instrument :

BNA_F

ClientSampleId :

SPB-1WC-23-04-17

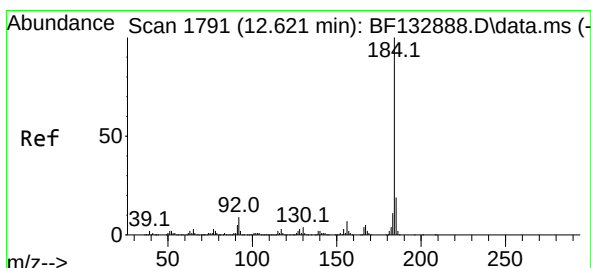
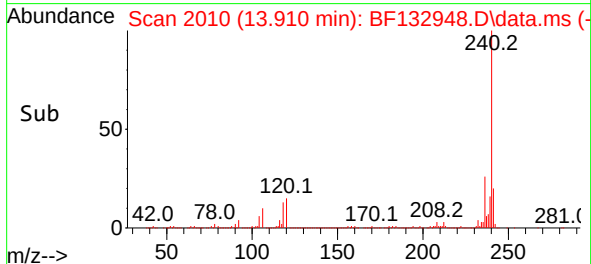
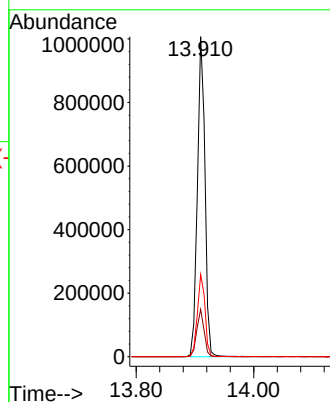
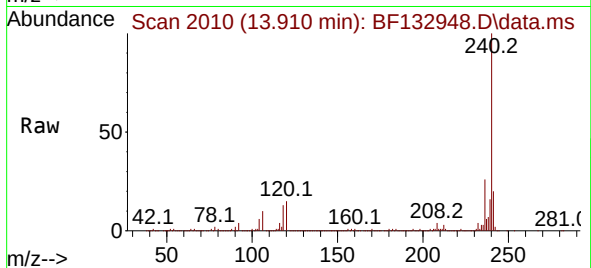
Tgt Ion:240 Resp: 902436

Ion Ratio Lower Upper

240 100

120 14.8 10.0 15.0

236 25.6 20.8 31.2



#77

Benzidine

Concen: 24.325 ng

RT: 12.610 min Scan# 1789

Delta R.T. 0.000 min

Lab File: BF132948.D

Acq: 20 Apr 2023 21:05

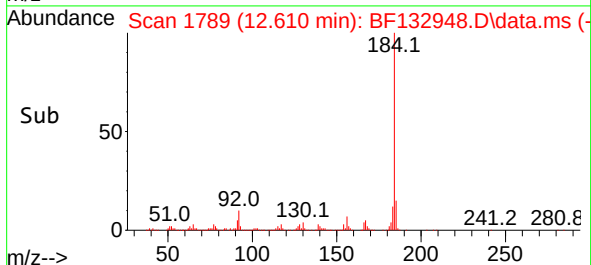
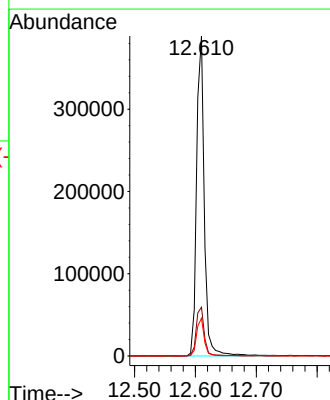
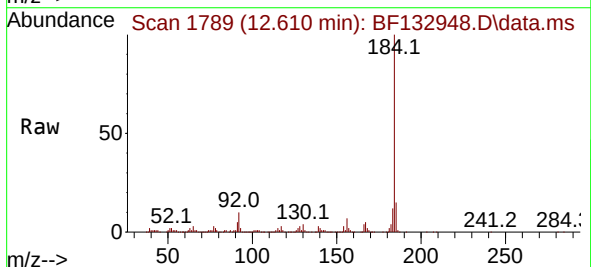
Tgt Ion:184 Resp: 341951

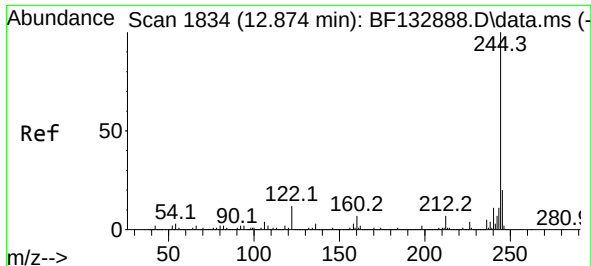
Ion Ratio Lower Upper

184 100

185 15.3 14.9 22.3

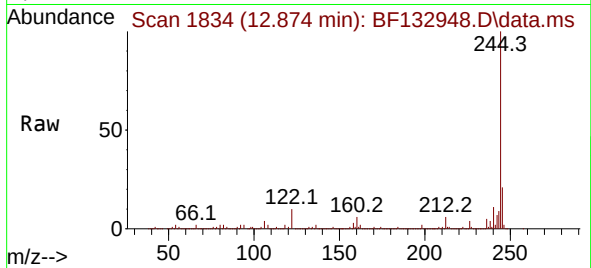
183 11.8 9.0 13.6



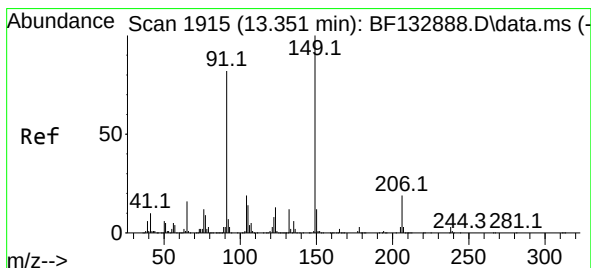
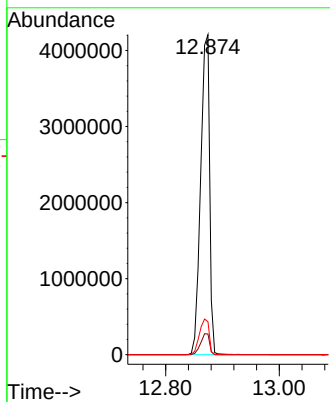
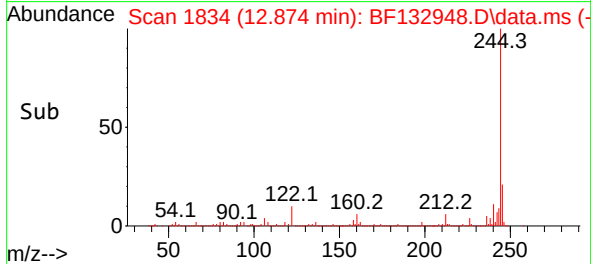


#79
 Terphenyl-d14
 Concen: 87.239 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. 0.006 min
 Lab File: BF132948.D
 Acq: 20 Apr 2023 21:05

Instrument :
 BNA_F
 ClientSampleId :
 SPB-1WC-23-04-17

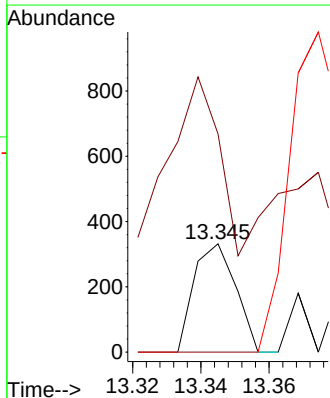
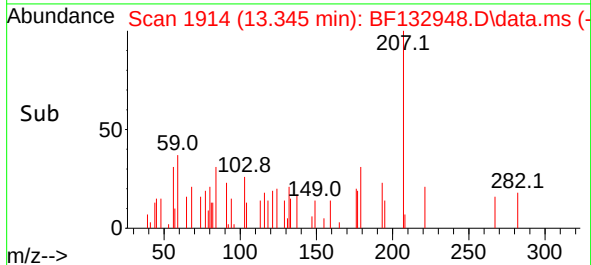
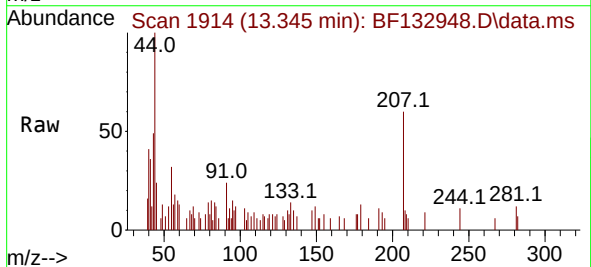


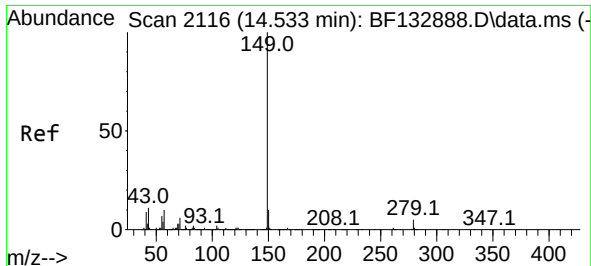
Tgt Ion:244 Resp: 4614556
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 10.3 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 5.148 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: BF132948.D
 Acq: 20 Apr 2023 21:05

Tgt Ion:149 Resp: 281
 Ion Ratio Lower Upper
 149 100
 91 201.2 65.4 98.0#
 206 0.0 15.6 23.4#

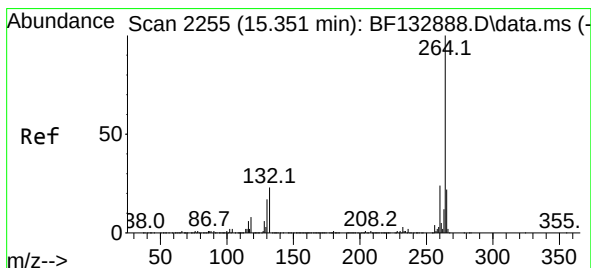
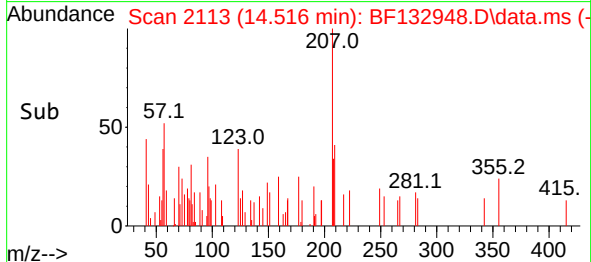
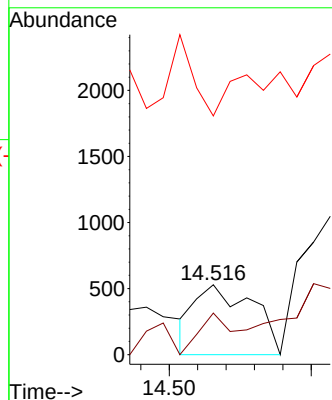
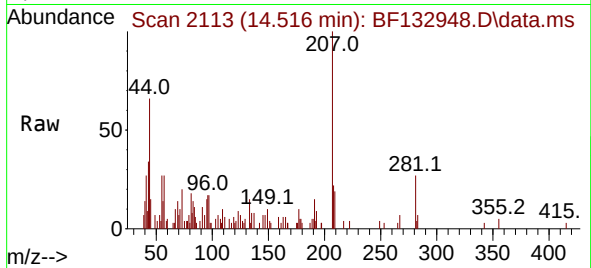




#85
Di-n-octyl phthalate
Concen: 6.396 ng
RT: 14.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BF132948.D
Acq: 20 Apr 2023 21:05

Instrument :
BNA_F
ClientSampleId :
SPB-1WC-23-04-17

Tgt Ion:149 Resp: 747
Ion Ratio Lower Upper
149 100
167 39.2 1.2 1.8#
43 36.1 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: BF132948.D
Acq: 20 Apr 2023 21:05

Tgt Ion:264 Resp: 744931
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 21.8 17.7 26.5

