

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124411.D
 Acq On : 22 Jun 2021 14:37
 Operator : JU/CG
 Sample : M2762-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC_AQUEOUS_DBD

Quant Time: Jun 22 15:05:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

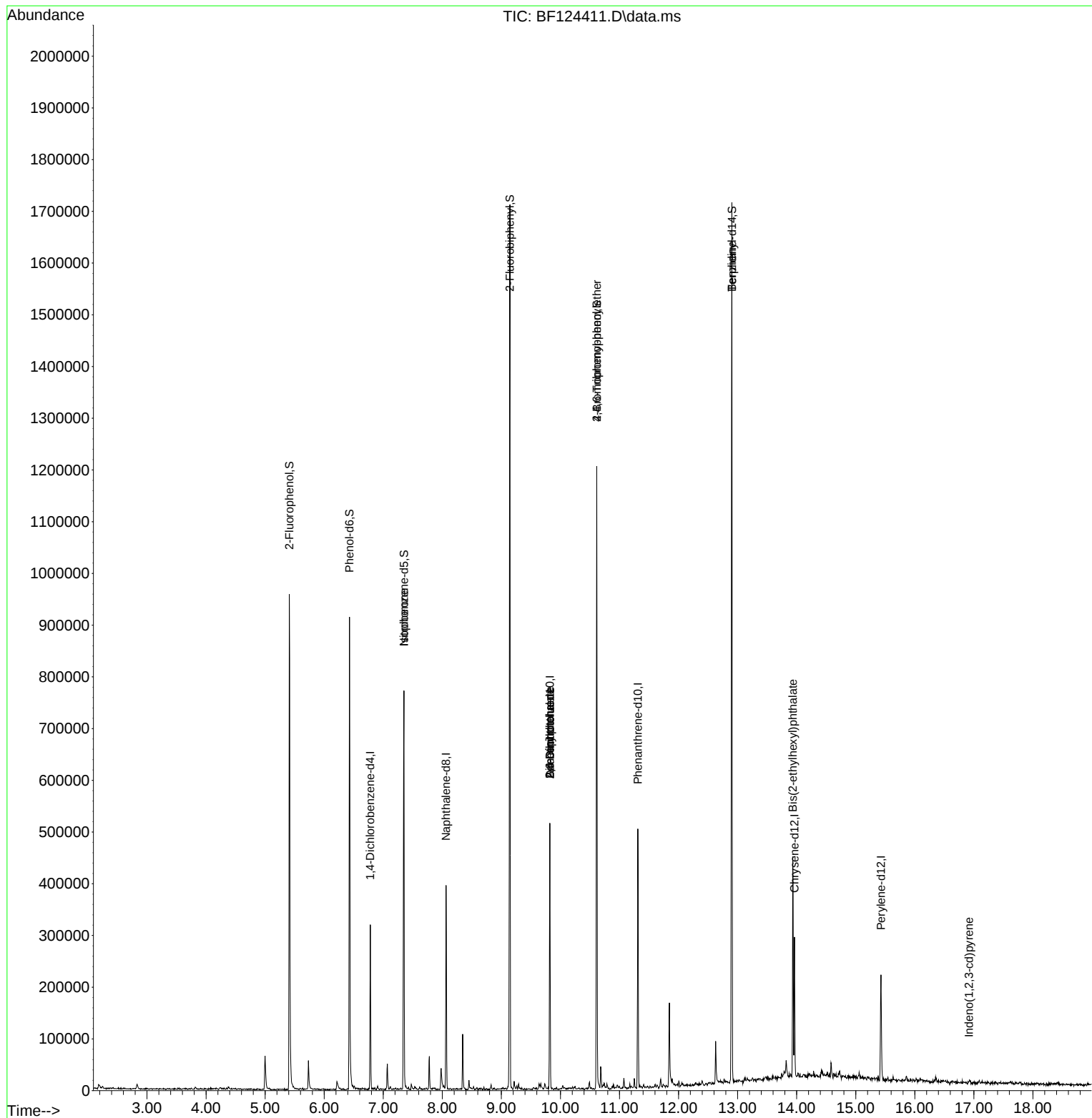
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	39717	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	152647	20.000	ng	#-0.01
39) Acenaphthene-d10	9.821	164	90778	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	164253	20.000	ng	0.00
76) Chrysene-d12	13.962	240	83523	20.000	ng	0.00
86) Perylene-d12	15.427	264	81392	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	228847	86.737	ng	0.00
7) Phenol-d6	6.428	99	257301	72.552	ng	-0.02
23) Nitrobenzene-d5	7.351	82	236081	61.339	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	119372	92.817	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	463698	64.278	ng	0.00
79) Terphenyl-d14	12.904	244	514291	84.540	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.351	82	236078	34.039	ng	# 69
50) Dimethylphthalate	9.821	163	16587	2.209	ng	# 1
51) 2,6-Dinitrotoluene	9.821	165	10720	6.225	ng	# 13
57) 2,4-Dinitrotoluene	9.821	165	10720	4.720	ng	# 18
67) 4-Bromophenyl-phenylether	10.616	248	7732	3.430	ng	# 1
77) Benzidine	12.904	184	8926	8.258	ng	# 93
84) Bis(2-ethylhexyl)phtha...	13.933	149	111358	28.773	ng	# 91
87) Indeno(1,2,3-cd)pyrene	16.915	276	110	4.350	ng	# 53

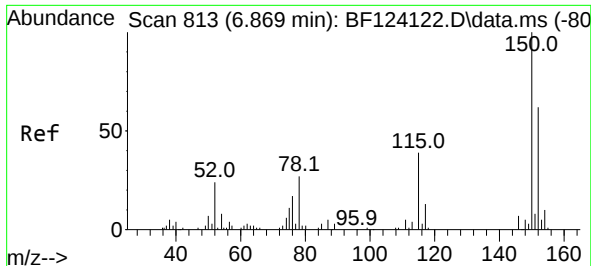
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
Data File : BF124411.D
Acq On : 22 Jun 2021 14:37
Operator : JU/CG
Sample : M2762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC_AQUEOUS_DBD

Quant Time: Jun 22 15:05:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 15 20:09:26 2021
Response via : Initial Calibration

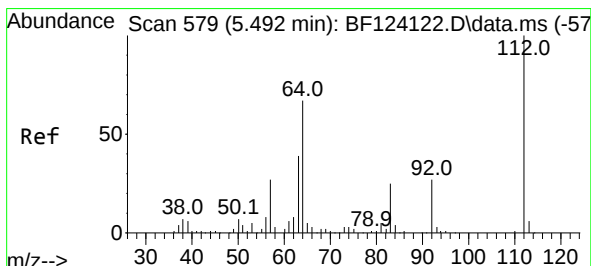
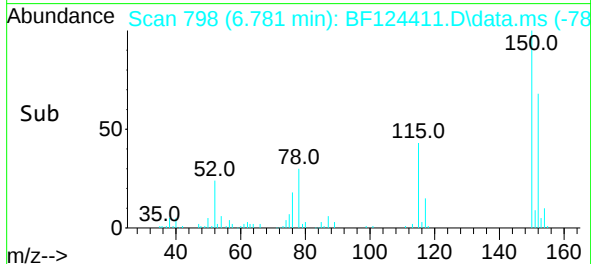
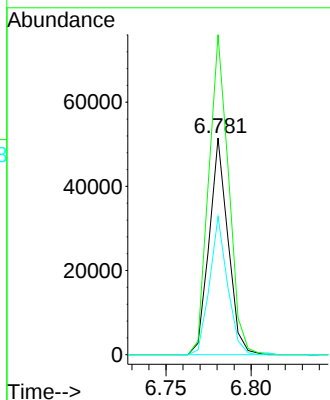
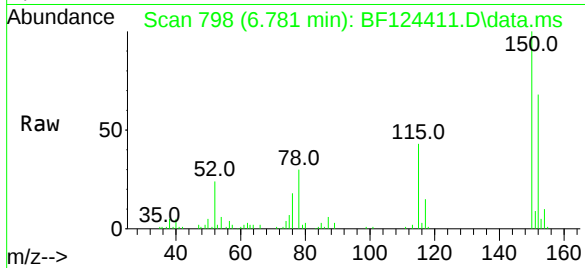




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124411.D
Acq: 22 Jun 2021 14:37

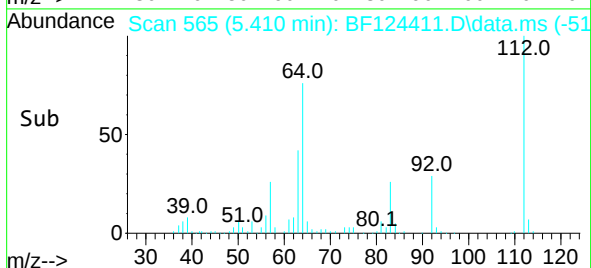
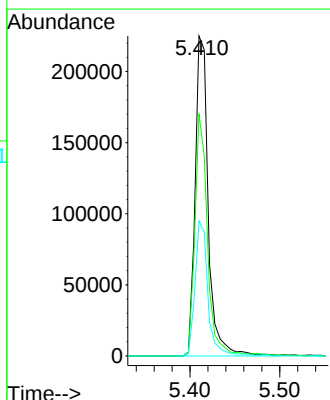
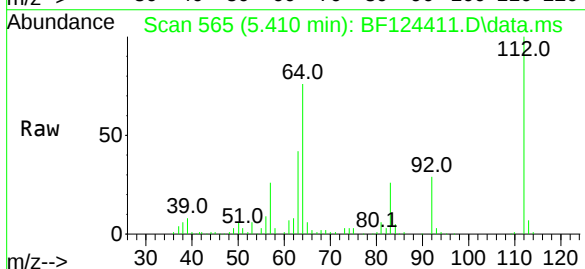
Instrument :
BNA_F
ClientSampleId :
WC_AQUEOUS_DBD

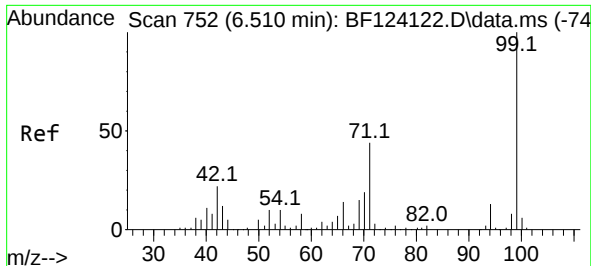
Tgt Ion:152 Resp: 39717
Ion Ratio Lower Upper
152 100
150 147.7 127.0 190.6
115 63.8 54.3 81.5



#5
2-Fluorophenol
Concen: 86.737 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124411.D
Acq: 22 Jun 2021 14:37

Tgt Ion:112 Resp: 228847
Ion Ratio Lower Upper
112 100
64 75.7 61.4 92.0
63 42.2 33.0 49.4

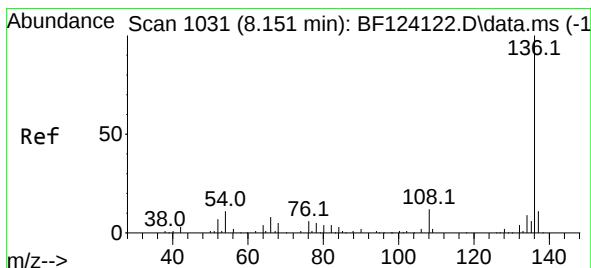
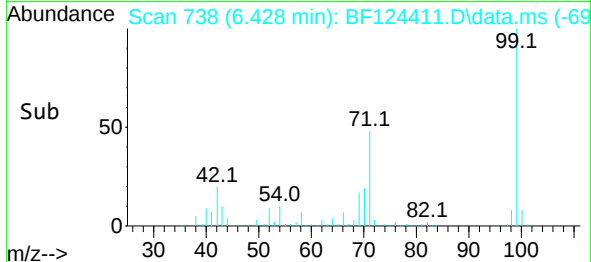
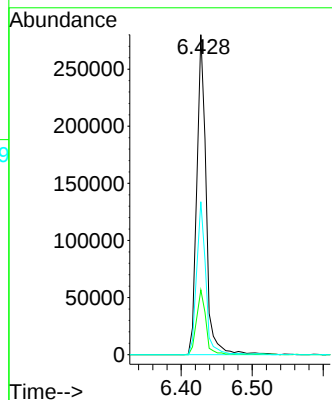
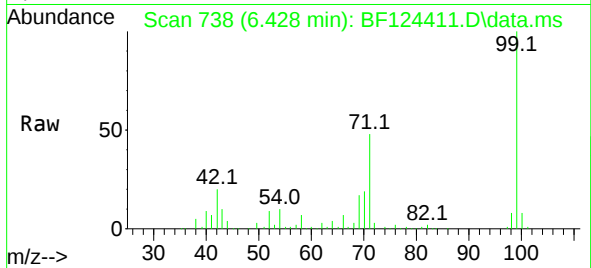




#7
Phenol-d6
Concen: 72.552 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124411.D
Acq: 22 Jun 2021 14:37

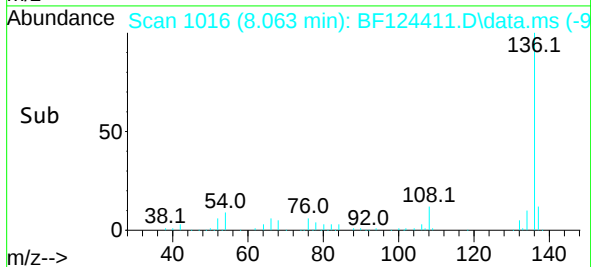
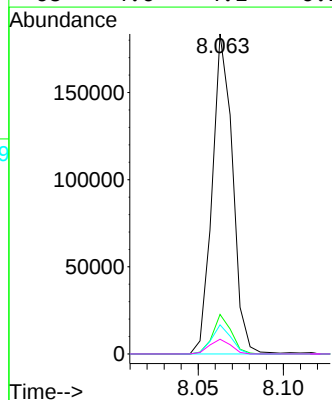
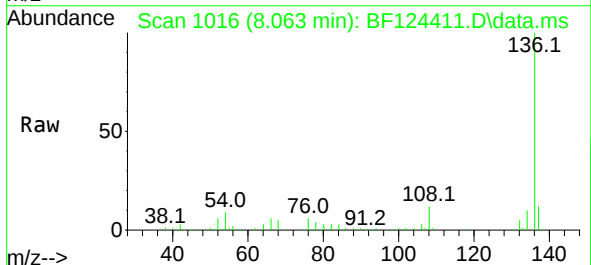
Instrument :
BNA_F
ClientSampleId :
WC_AQUEOUS_DBD

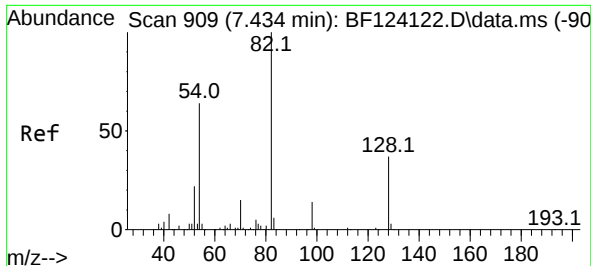
Tgt Ion: 99 Resp: 257301
Ion Ratio Lower Upper
99 100
42 20.3 19.8 29.8
71 47.8 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124411.D
Acq: 22 Jun 2021 14:37

Tgt Ion: 136 Resp: 152647
Ion Ratio Lower Upper
136 100
137 12.3 8.7 13.1
54 9.1 9.8 14.6#
68 4.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 61.339 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF124411.D

Acq: 22 Jun 2021 14:37

Tgt Ion: 82 Resp: 236081

Ion Ratio Lower Upper

82 100

128 39.5 29.4 44.2

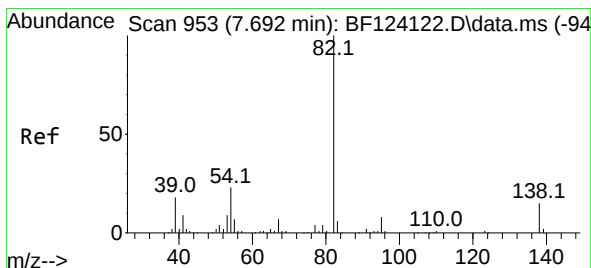
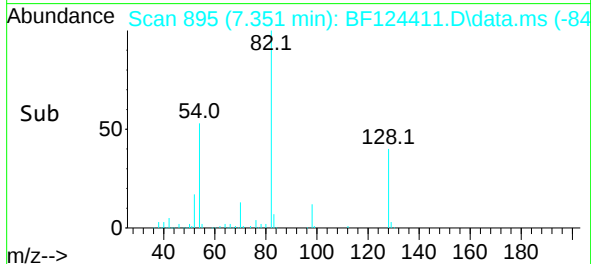
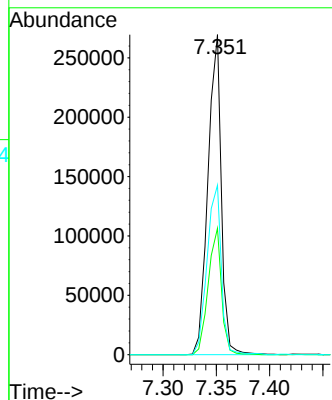
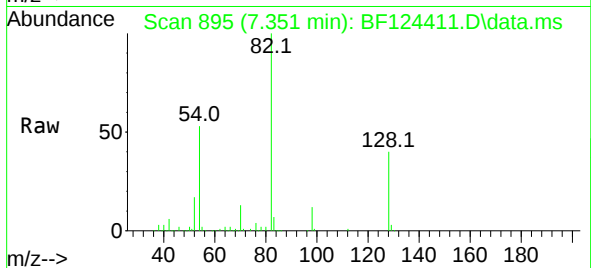
54 52.9 54.1 81.1#

Instrument :

BNA_F

ClientSampleId :

WC_AQUEOUS_DBD



#25

Isophorone

Concen: 34.039 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.265 min

Lab File: BF124411.D

Acq: 22 Jun 2021 14:37

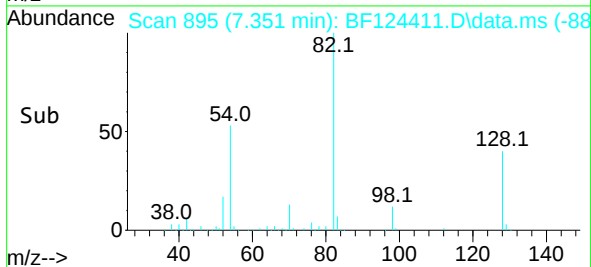
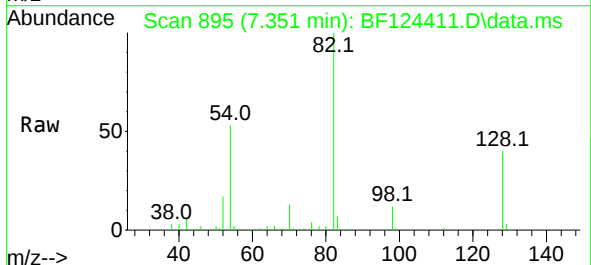
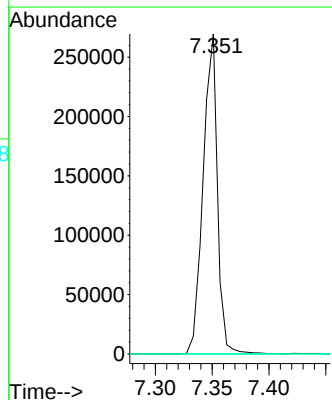
Tgt Ion: 82 Resp: 236078

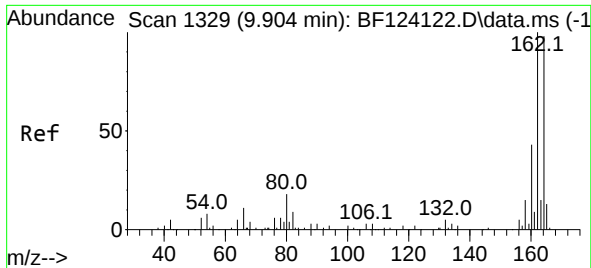
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 11.8 17.8#

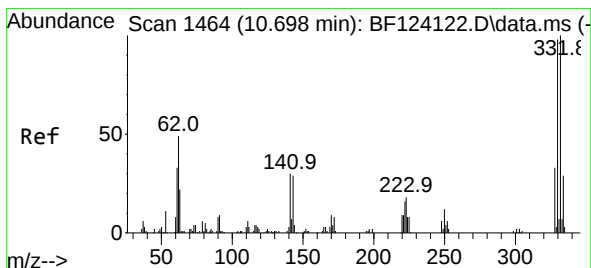
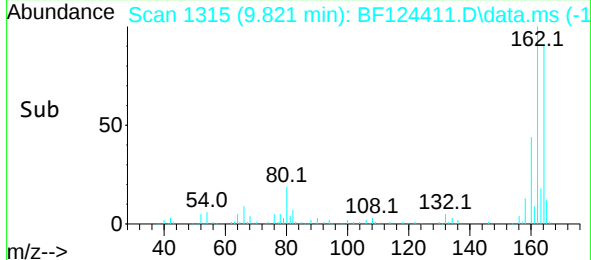
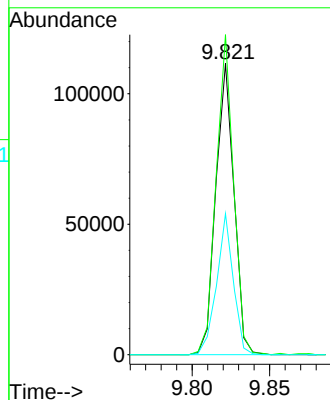
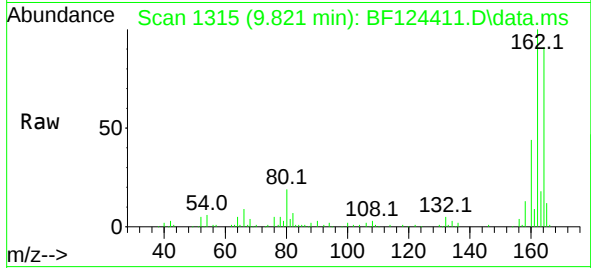




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.821 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124411.D
Acq: 22 Jun 2021 14:37

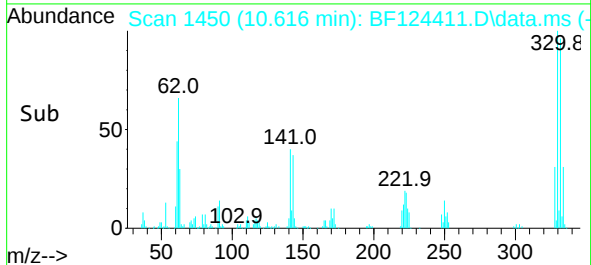
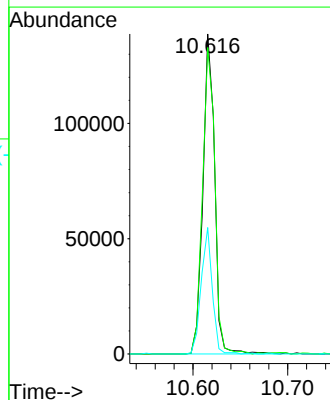
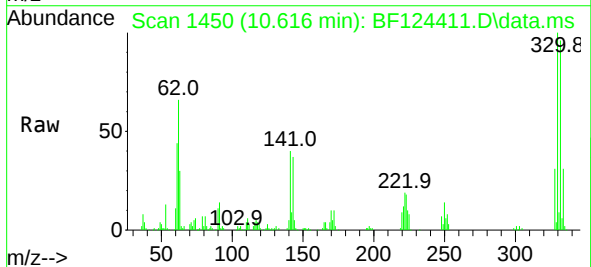
Instrument :
BNA_F
ClientSampleId :
WC_AQUEOUS_DBD

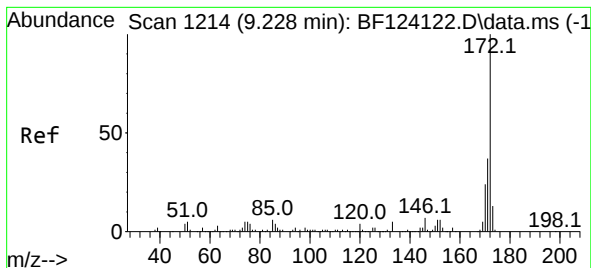
Tgt Ion:164 Resp: 90778
Ion Ratio Lower Upper
164 100
162 109.9 80.7 121.1
160 48.4 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 92.817 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124411.D
Acq: 22 Jun 2021 14:37

Tgt Ion:330 Resp: 119372
Ion Ratio Lower Upper
330 100
332 100.4 77.1 115.7
141 37.3 27.9 41.9

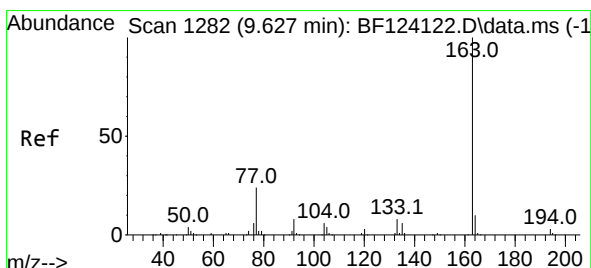
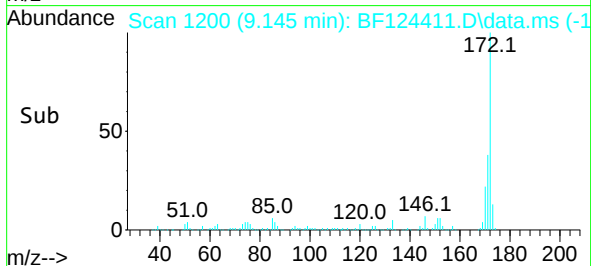
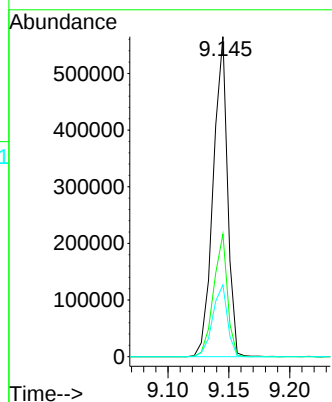
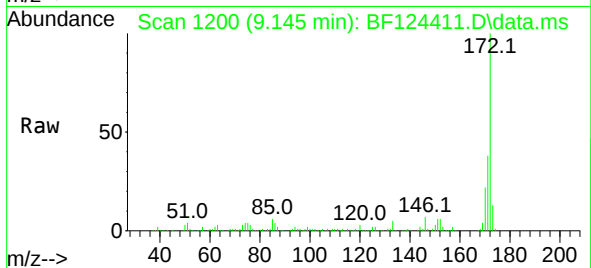




#45
2-Fluorobiphenyl
Concen: 64.278 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124411.D
Acq: 22 Jun 2021 14:37

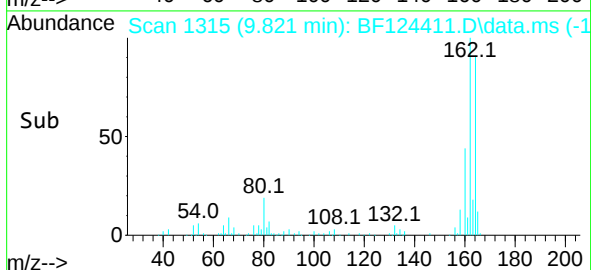
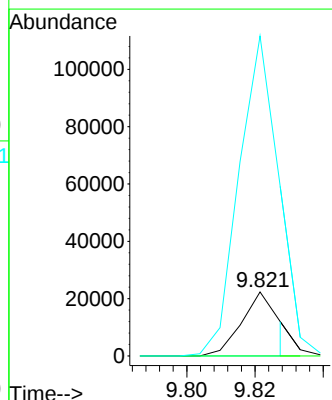
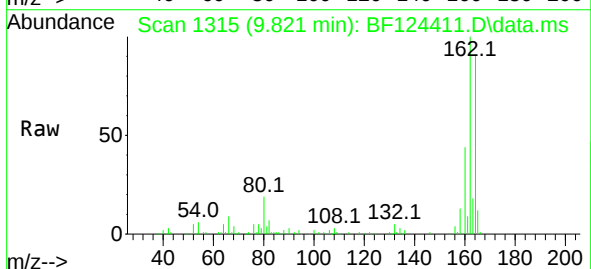
Instrument :
BNA_F
ClientSampleId :
WC_AQUEOUS_DBD

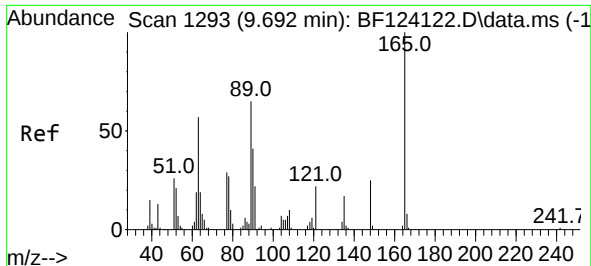
Tgt Ion:172 Resp: 463698
Ion Ratio Lower Upper
172 100
171 38.3 28.1 42.1
170 22.4 19.2 28.8



#50
Dimethylphthalate
Concen: 2.209 ng
RT: 9.821 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124411.D
Acq: 22 Jun 2021 14:37

Tgt Ion:163 Resp: 16587
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 499.7 8.2 12.2#

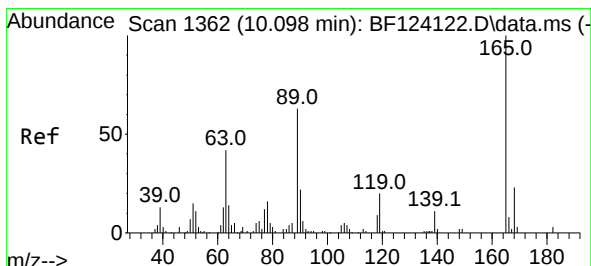
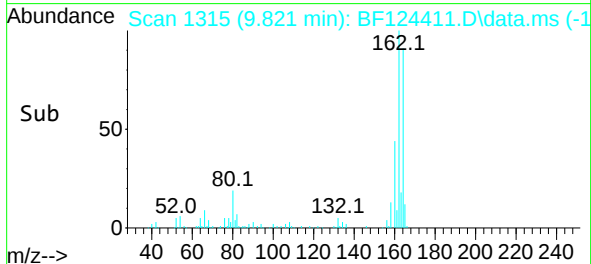
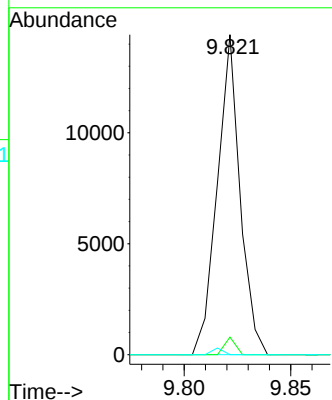
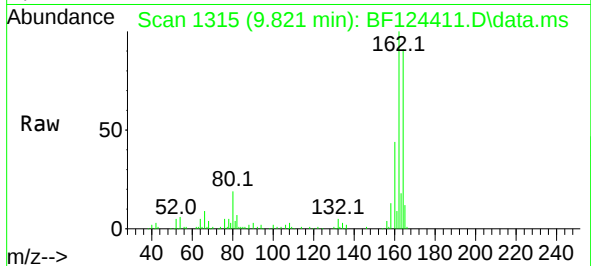




#51
2,6-Dinitrotoluene
Concen: 6.225 ng
RT: 9.821 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124411.D
Acq: 22 Jun 2021 14:37

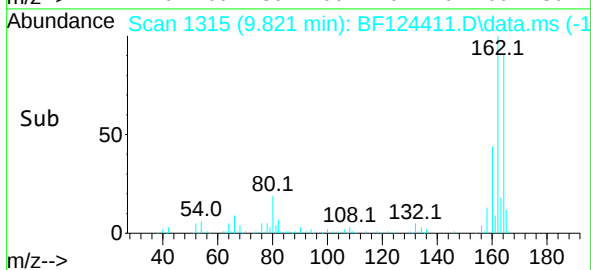
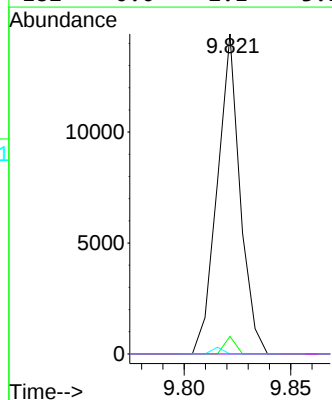
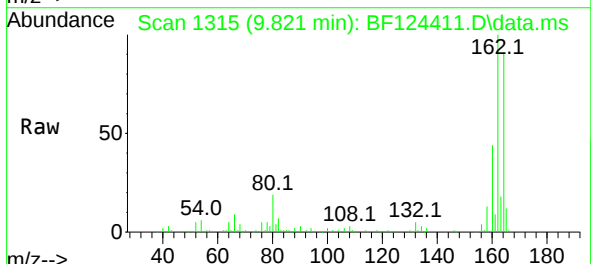
Instrument :
BNA_F
ClientSampleId :
WC_AQUEOUS_DBD

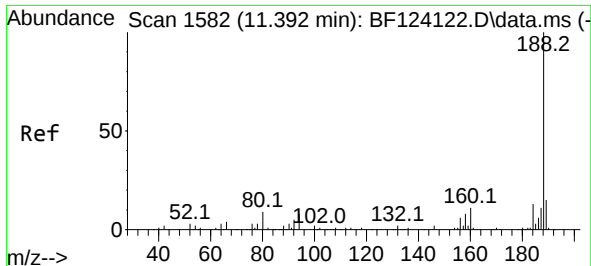
Tgt Ion:165 Resp: 10720
Ion Ratio Lower Upper
165 100
63 5.5 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 4.720 ng
RT: 9.821 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124411.D
Acq: 22 Jun 2021 14:37

Tgt Ion:165 Resp: 10720
Ion Ratio Lower Upper
165 100
63 5.5 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

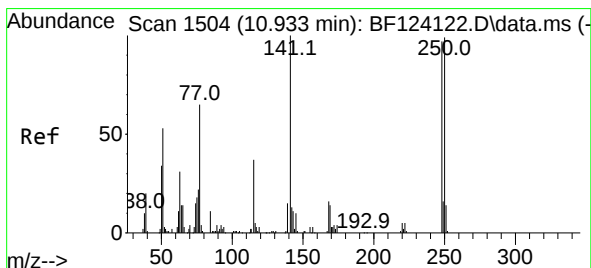
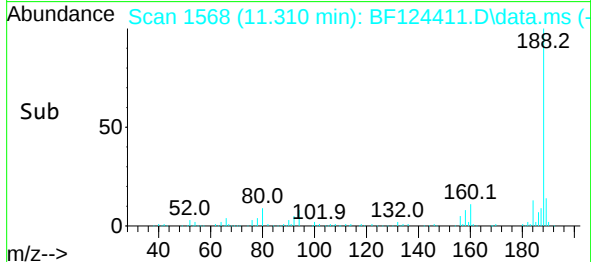
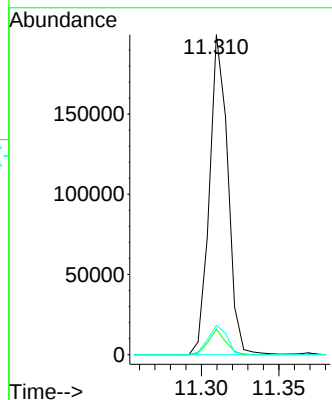
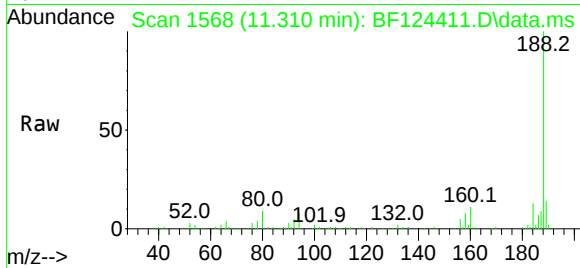




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124411.D
Acq: 22 Jun 2021 14:37

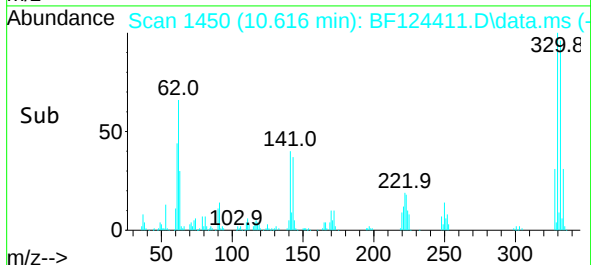
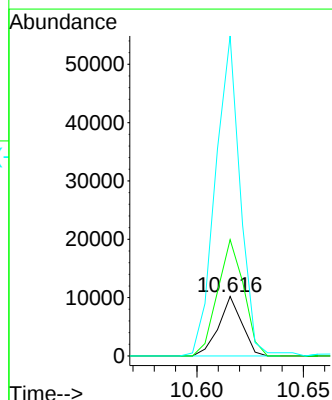
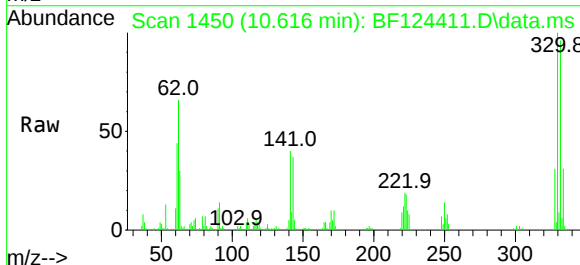
Instrument :
BNA_F
ClientSampleId :
WC_AQUEOUS_DBD

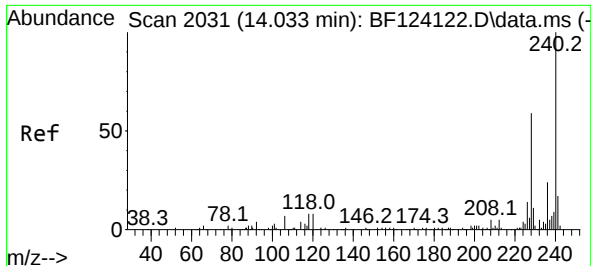
Tgt Ion:188 Resp: 164253
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.2 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.430 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124411.D
Acq: 22 Jun 2021 14:37

Tgt Ion:248 Resp: 7732
Ion Ratio Lower Upper
248 100
250 195.5 77.4 116.2#
141 538.0 63.7 95.5#

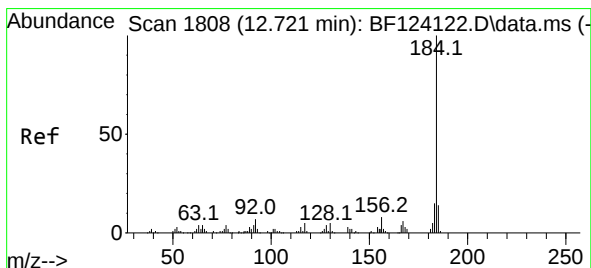
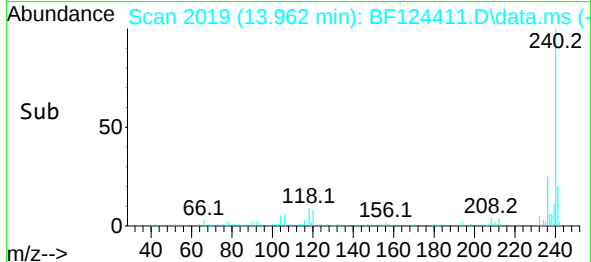
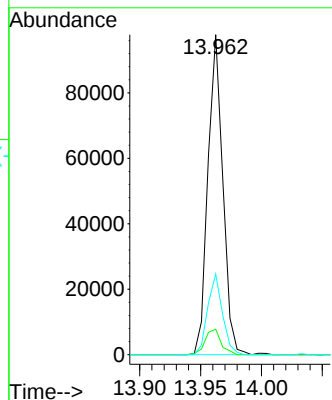
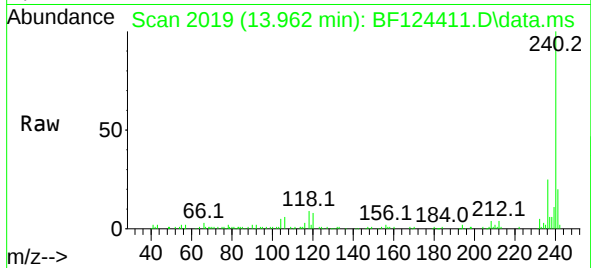




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF124411.D
Acq: 22 Jun 2021 14:37

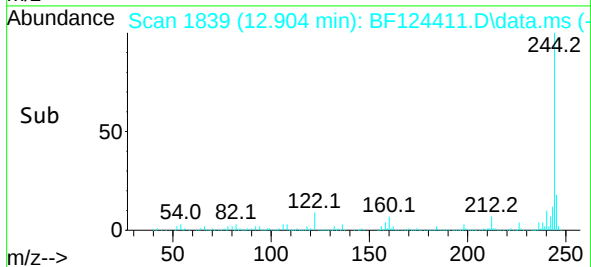
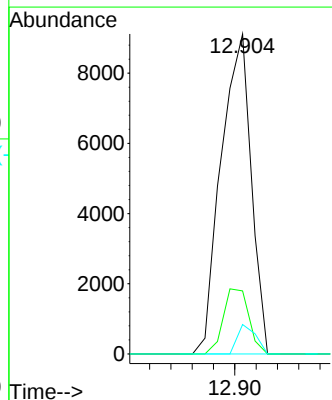
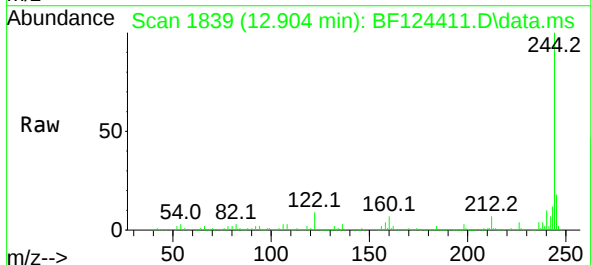
Instrument :
BNA_F
ClientSampleId :
WC_AQUEOUS_DBD

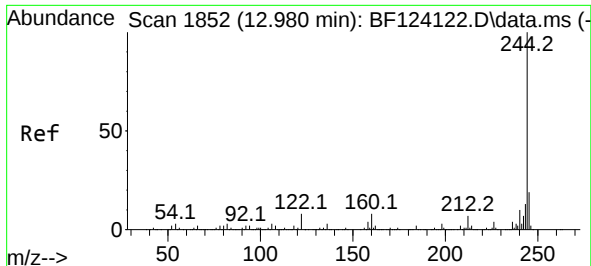
Tgt Ion:240 Resp: 83523
Ion Ratio Lower Upper
240 100
120 8.0 7.2 10.8
236 25.2 19.0 28.4



#77
Benzidine
Concen: 8.258 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.206 min
Lab File: BF124411.D
Acq: 22 Jun 2021 14:37

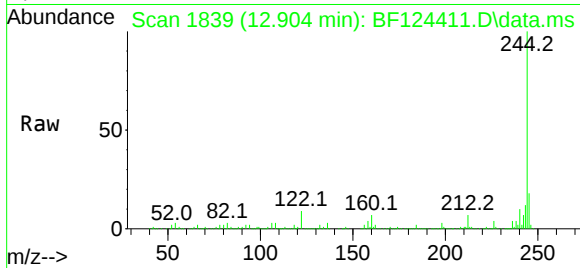
Tgt Ion:184 Resp: 8926
Ion Ratio Lower Upper
184 100
185 19.7 12.1 18.1#
183 9.2 7.8 11.8



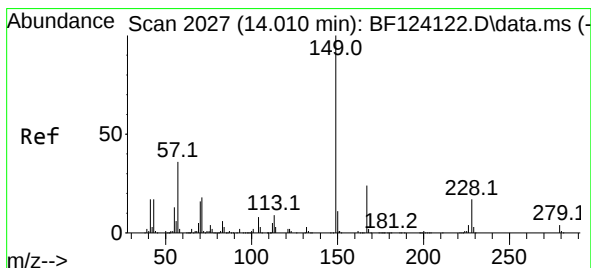
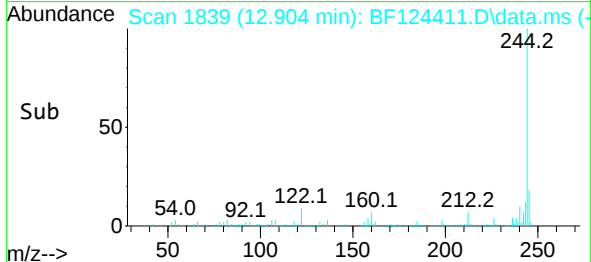
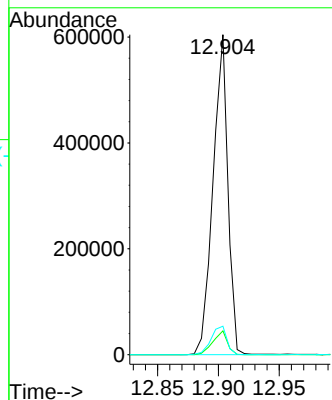


#79
 Terphenyl-d14
 Concen: 84.540 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF124411.D
 Acq: 22 Jun 2021 14:37

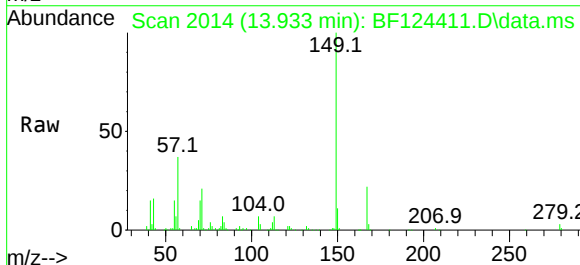
Instrument :
 BNA_F
 ClientSampleId :
 WC_AQUEOUS_DBD



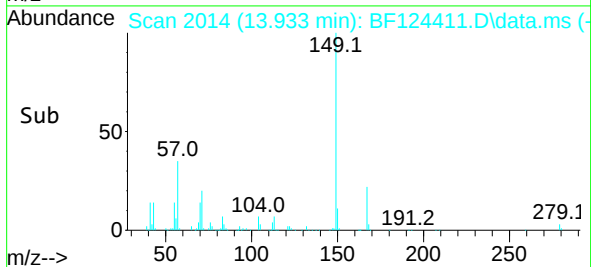
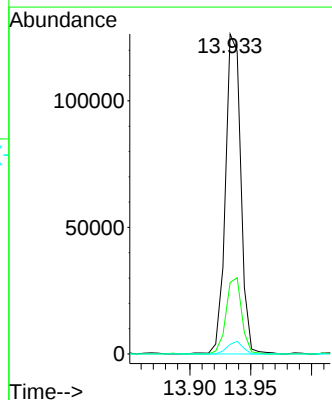
Tgt Ion:244 Resp: 514291
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 8.9 9.7 14.5#

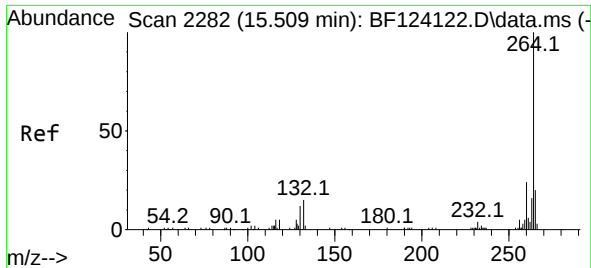


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 28.773 ng
 RT: 13.933 min Scan# 2014
 Delta R.T. -0.006 min
 Lab File: BF124411.D
 Acq: 22 Jun 2021 14:37



Tgt Ion:149 Resp: 111358
 Ion Ratio Lower Upper
 149 100
 167 22.3 21.8 32.6
 279 3.0 3.3 4.9#

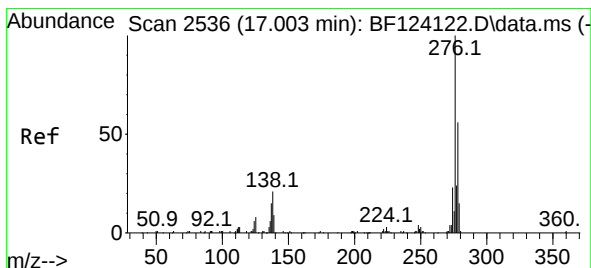
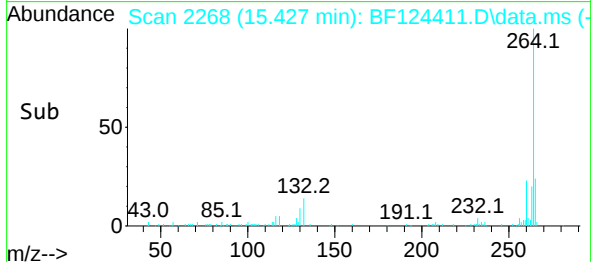
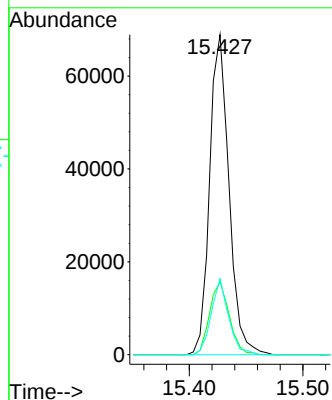
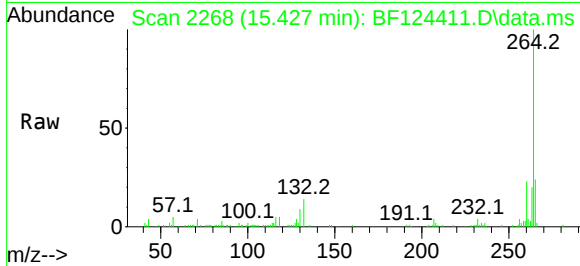




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.012 min
Lab File: BF124411.D
Acq: 22 Jun 2021 14:37

Instrument :
BNA_F
ClientSampleId :
WC_AQUEOUS_DBD

Tgt Ion:264 Resp: 81392
Ion Ratio Lower Upper
264 100
260 22.8 18.7 28.1
265 23.7 17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.350 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.041 min
Lab File: BF124411.D
Acq: 22 Jun 2021 14:37

Tgt Ion:276 Resp: 110
Ion Ratio Lower Upper
276 100
138 0.0 16.2 24.2#
277 0.0 20.1 30.1#

