

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124410.D
 Acq On : 22 Jun 2021 14:04
 Operator : JU/CG
 Sample : M2762-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC SOLIDS DBD

Quant Time: Jun 22 14:24:31 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)

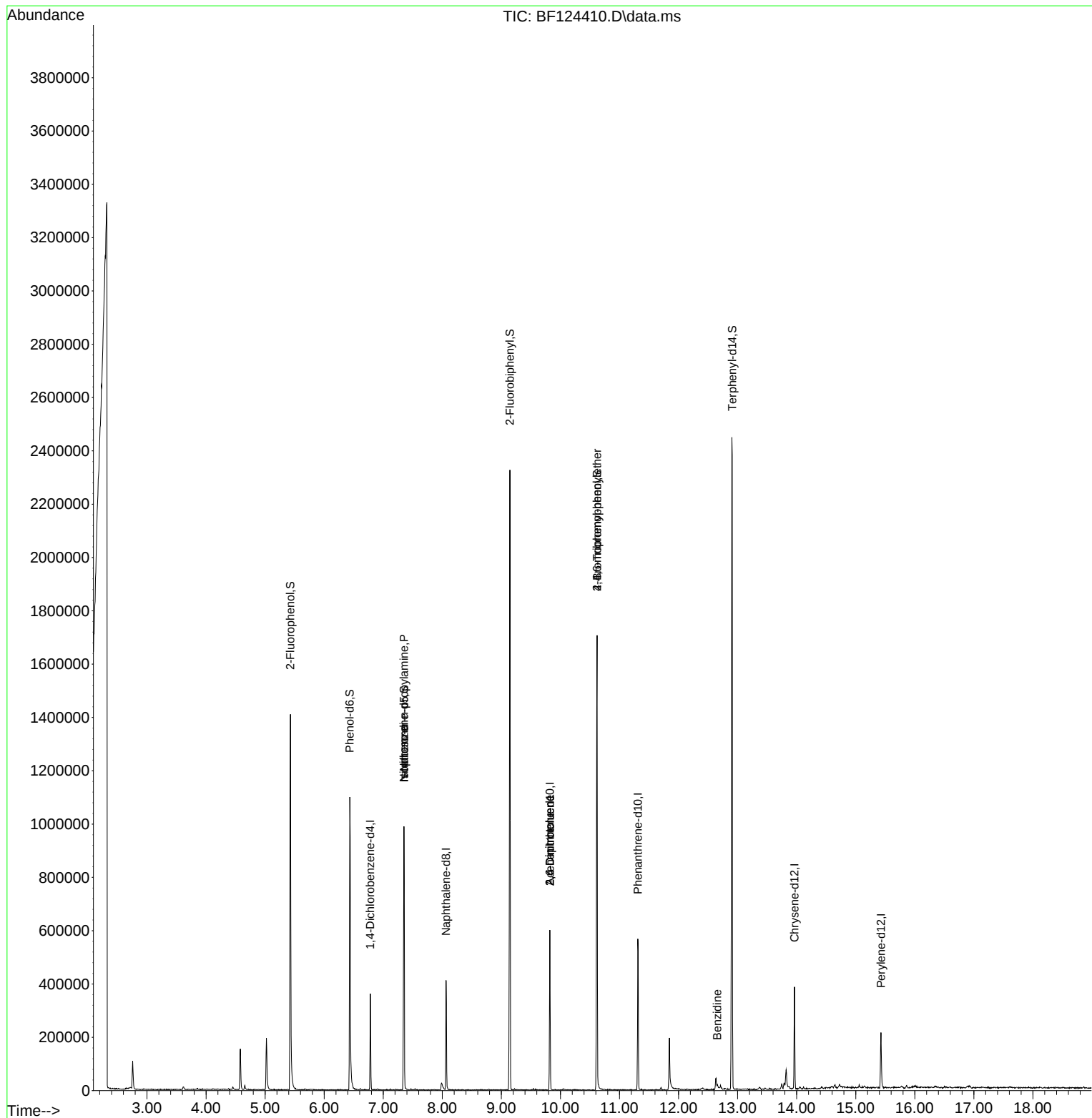
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	42090	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	164766	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	111016	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	204798	20.000	ng	0.00
76) Chrysene-d12	13.963	240	115796	20.000	ng	0.00
86) Perylene-d12	15.427	264	81271	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	324581	116.086	ng	0.01
7) Phenol-d6	6.434	99	363471	96.711	ng	-0.01
23) Nitrobenzene-d5	7.351	82	334065	80.414	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	196094	124.676	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	652653	73.978	ng	0.00
79) Terphenyl-d14	12.910	244	886987	105.167	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	49084	18.501	ng	# 61
25) Isophorone	7.351	82	334060	44.624	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	15167	7.202	ng	# 11
57) 2,4-Dinitrotoluene	9.822	165	15167	5.461	ng	# 17
67) 4-Bromophenyl-phenylether	10.622	248	12683	4.512	ng	# 1
77) Benzidine	12.657	184	6392	6.229	ng	# 73

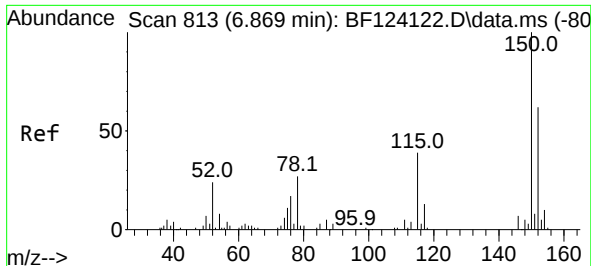
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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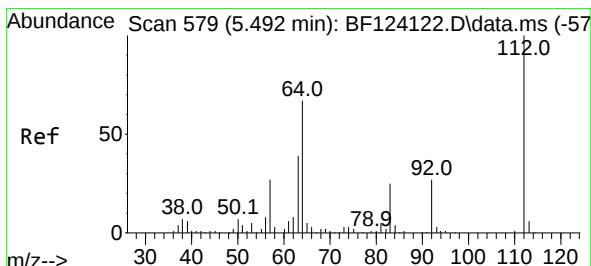
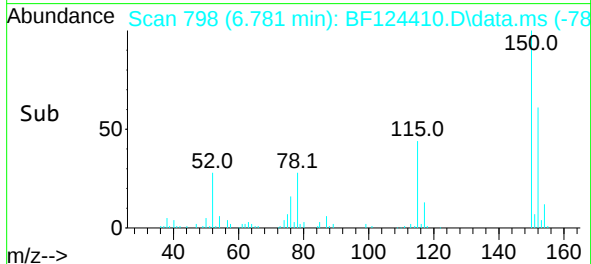
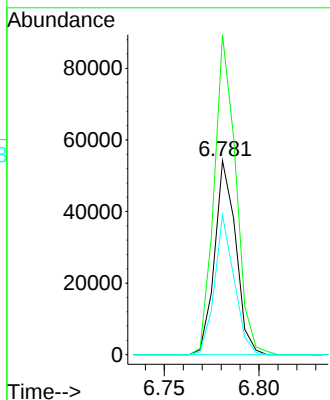
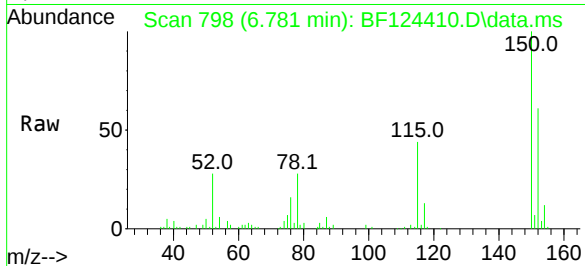




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124410.D
Acq: 22 Jun 2021 14:04

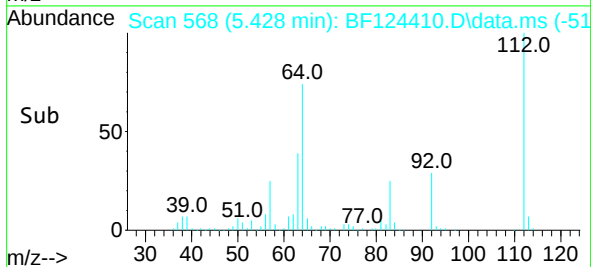
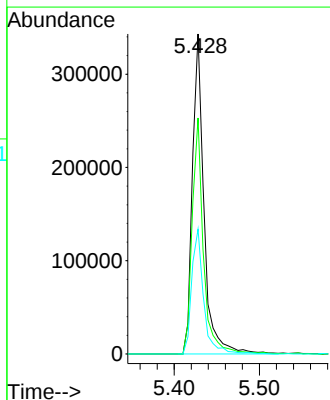
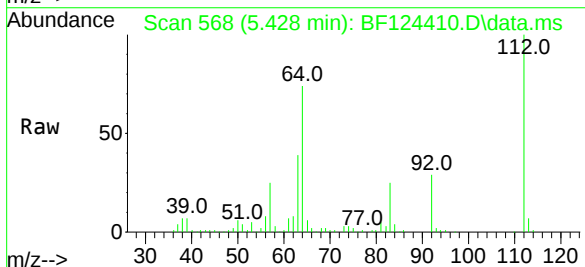
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BNA_F
ClientSampleId :
WC_SOLIDS DBD

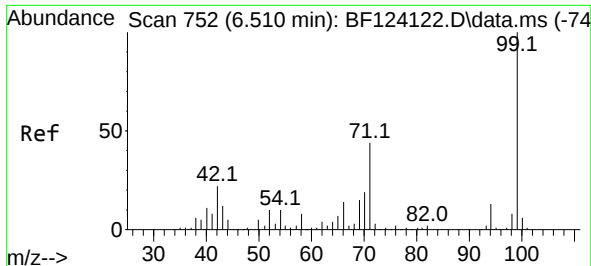
Tgt Ion:152 Resp: 42090
Ion Ratio Lower Upper
152 100
150 165.0 127.0 190.6
115 71.9 54.3 81.5



#5
2-Fluorophenol
Concen: 116.086 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF124410.D
Acq: 22 Jun 2021 14:04

Tgt Ion:112 Resp: 324581
Ion Ratio Lower Upper
112 100
64 73.7 61.4 92.0
63 39.0 33.0 49.4

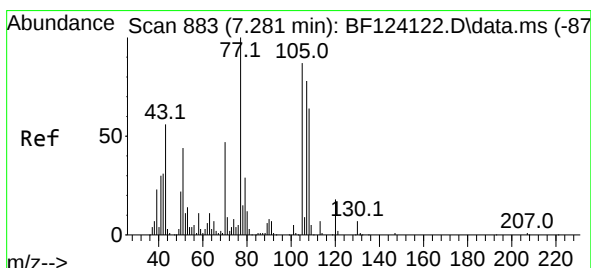
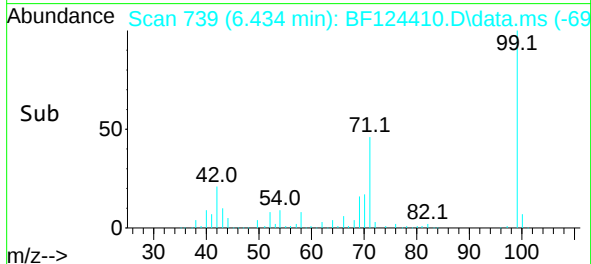
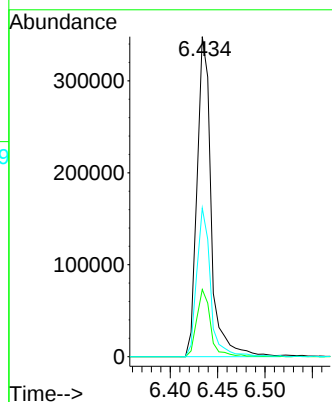
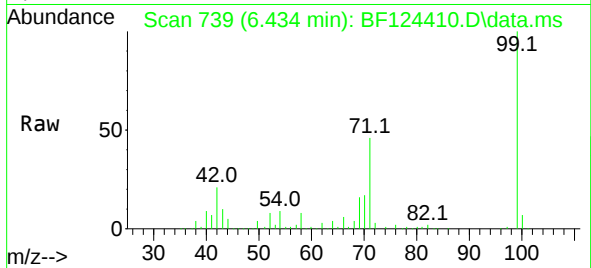




#7
Phenol-d6
Concen: 96.711 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124410.D
Acq: 22 Jun 2021 14:04

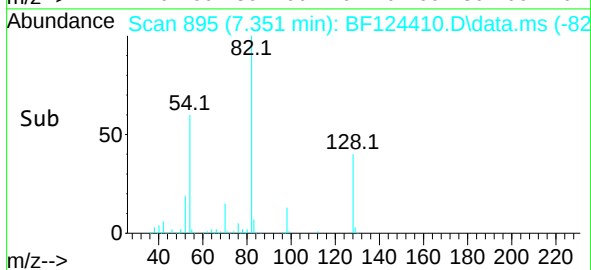
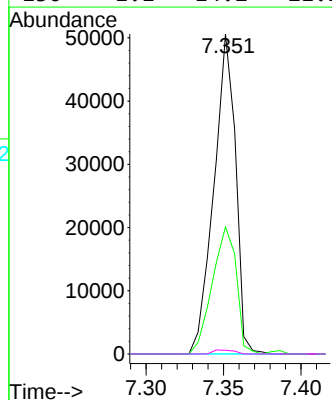
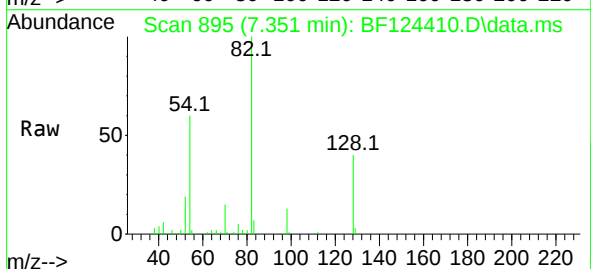
Instrument :
BNA_F
ClientSampleId :
WC_SOLIDS DBD

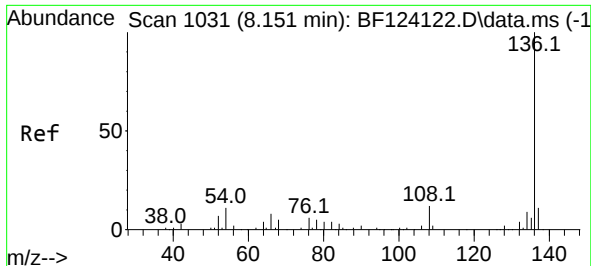
Tgt Ion: 99 Resp: 363471
Ion Ratio Lower Upper
99 100
42 21.0 19.8 29.8
71 46.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.501 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124410.D
Acq: 22 Jun 2021 14:04

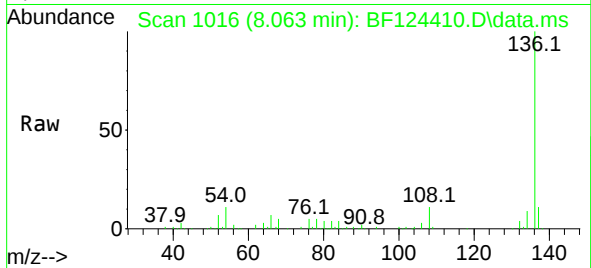
Tgt Ion: 70 Resp: 49084
Ion Ratio Lower Upper
70 100
42 39.7 60.1 90.1#
101 0.0 7.4 11.2#
130 1.1 14.2 21.2#



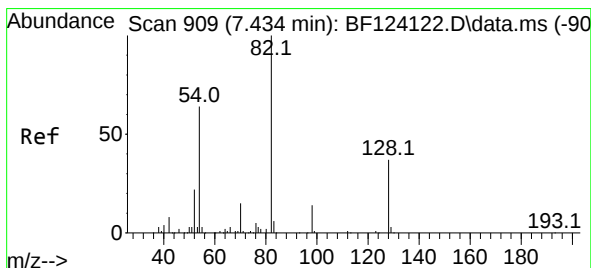
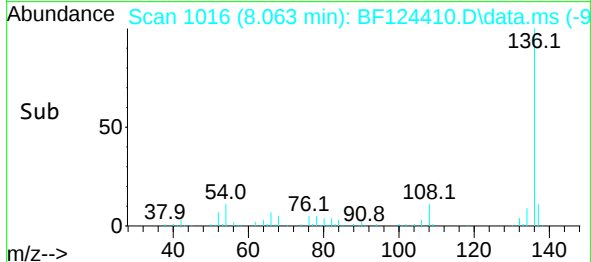
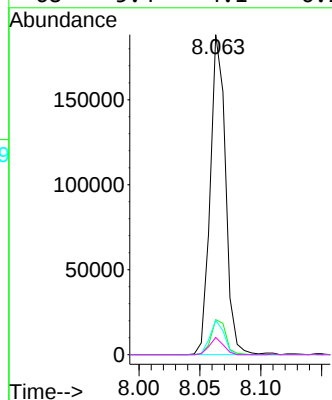


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124410.D
Acq: 22 Jun 2021 14:04

Instrument :
BNA_F
ClientSampleId :
WC_SOLIDS DBD

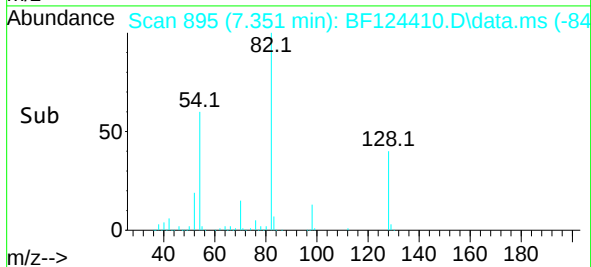
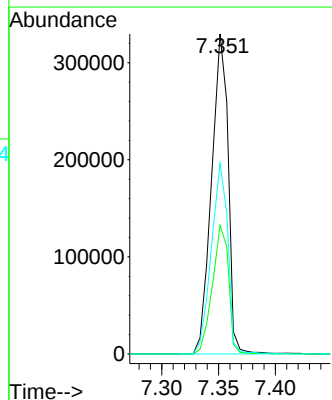
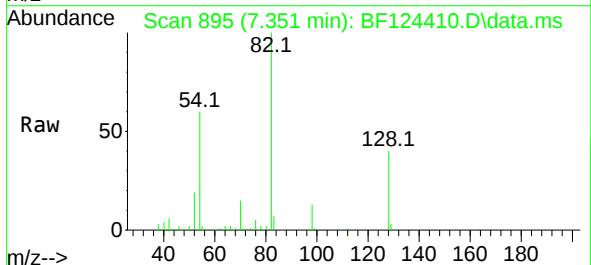


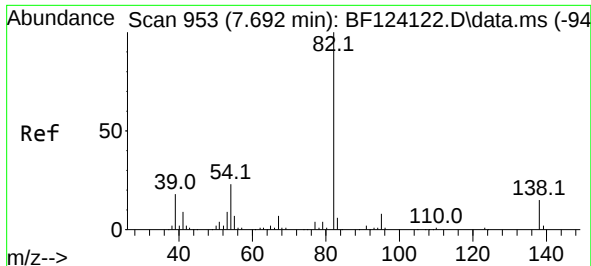
Tgt Ion:136	Resp: 164766
Ion Ratio	Lower Upper
136	100
137	10.9 8.7 13.1
54	10.7 9.8 14.6
68	5.4 4.1 6.1



#23
Nitrobenzene-d5
Concen: 80.414 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124410.D
Acq: 22 Jun 2021 14:04

Tgt Ion: 82	Resp: 334065
Ion Ratio	Lower Upper
82	100
128	40.2 29.4 44.2
54	59.6 54.1 81.1

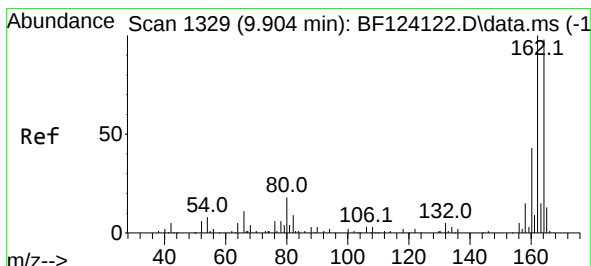
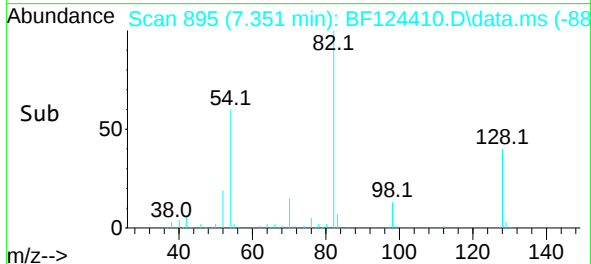
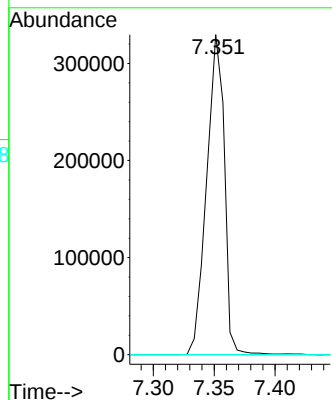
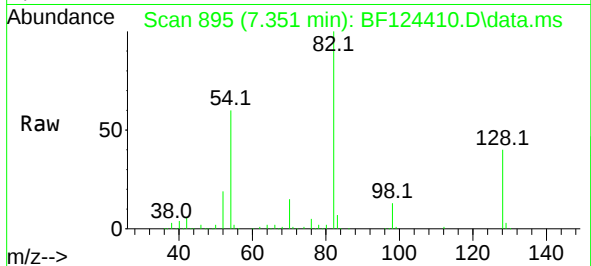




#25
Isophorone
Concen: 44.624 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124410.D
Acq: 22 Jun 2021 14:04

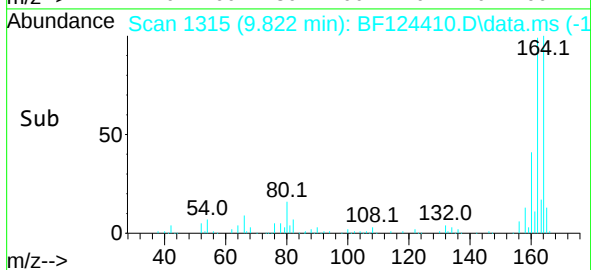
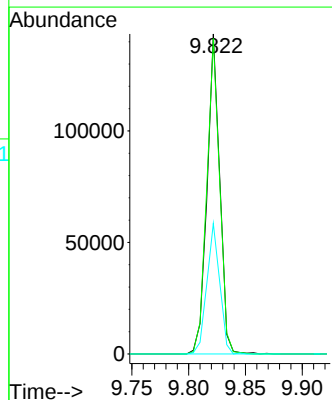
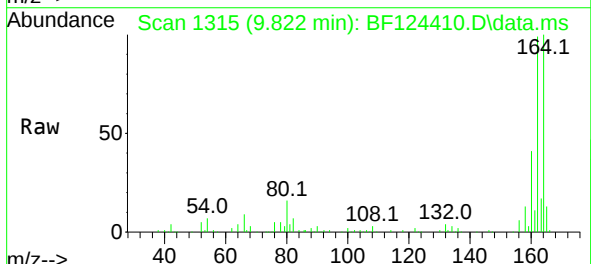
Instrument :
BNA_F
ClientSampleId :
WC_SOLIDS DBD

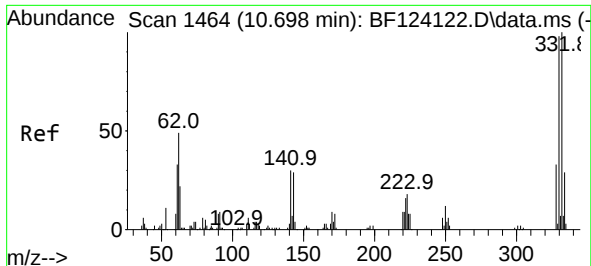
Tgt Ion: 82 Resp: 334060
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124410.D
Acq: 22 Jun 2021 14:04

Tgt Ion:164 Resp: 111016
Ion Ratio Lower Upper
164 100
162 98.5 80.7 121.1
160 40.8 37.3 55.9

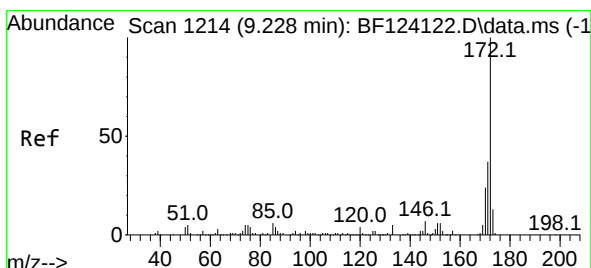
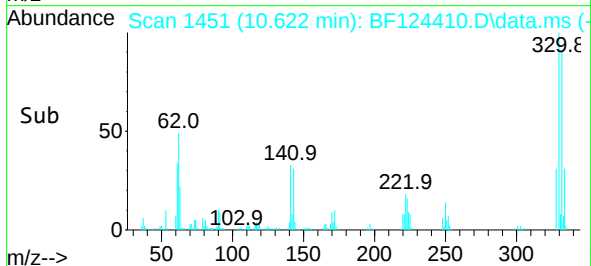
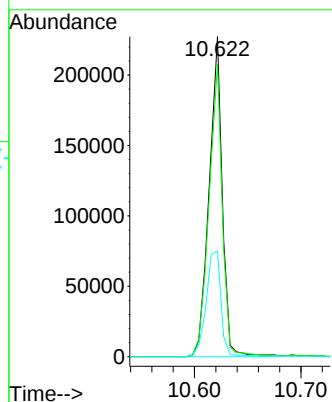
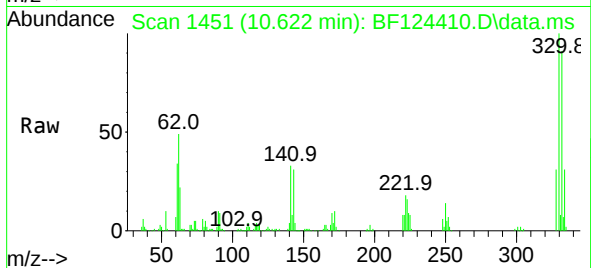




#42
2,4,6-Tribromophenol
Concen: 124.676 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF124410.D
Acq: 22 Jun 2021 14:04

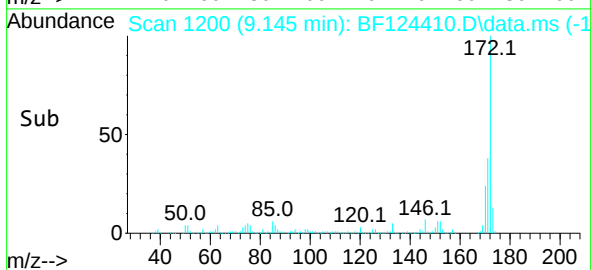
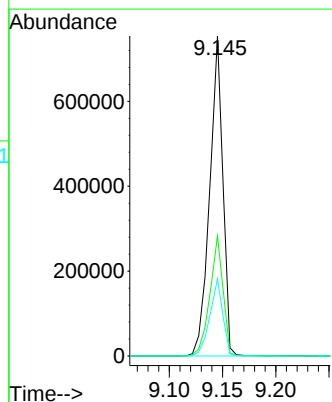
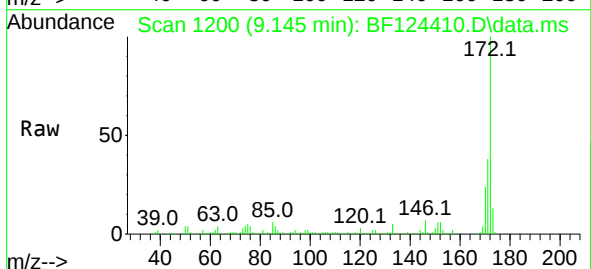
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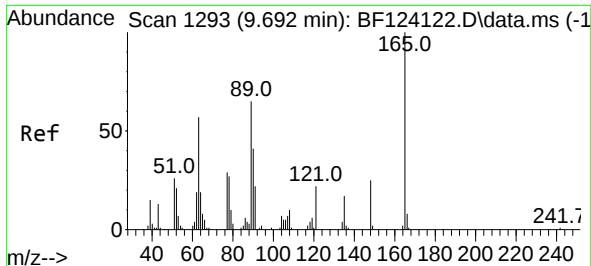
Tgt Ion:330 Resp: 196094
Ion Ratio Lower Upper
330 100
332 92.8 77.1 115.7
141 37.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 73.978 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124410.D
Acq: 22 Jun 2021 14:04

Tgt Ion:172 Resp: 652653
Ion Ratio Lower Upper
172 100
171 37.5 28.1 42.1
170 24.1 19.2 28.8

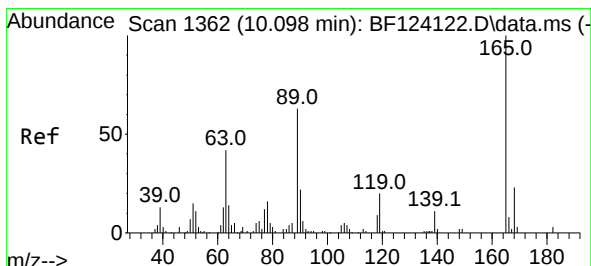
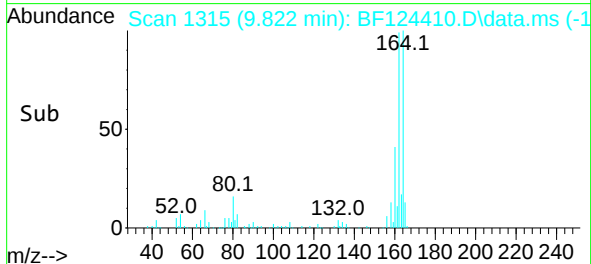
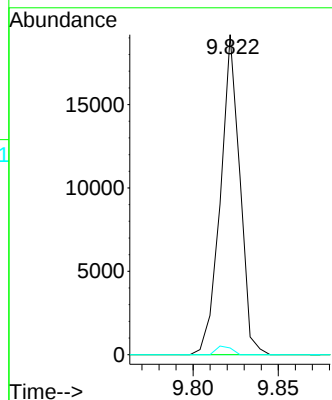
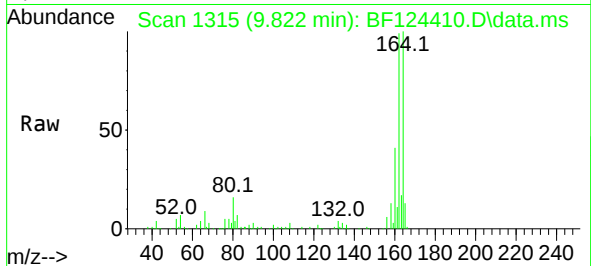




#51
2,6-Dinitrotoluene
Concen: 7.202 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124410.D
Acq: 22 Jun 2021 14:04

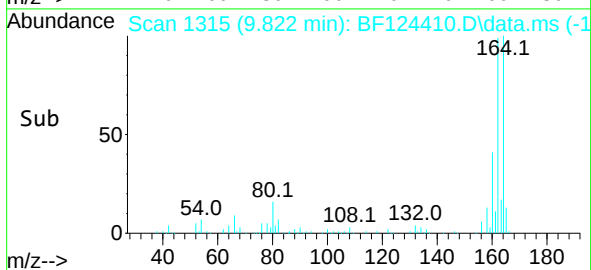
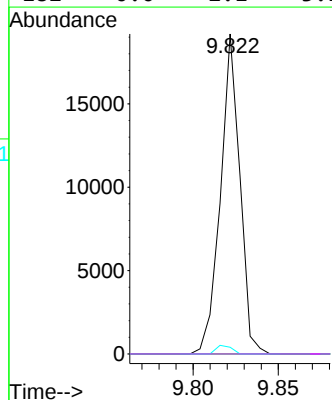
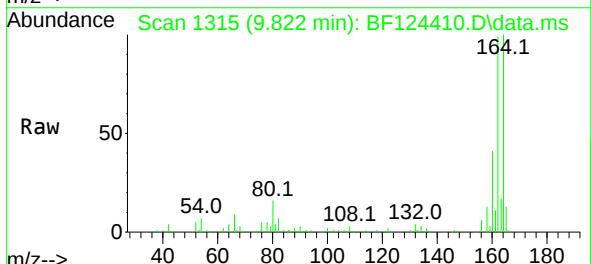
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WC_SOLIDS DBD

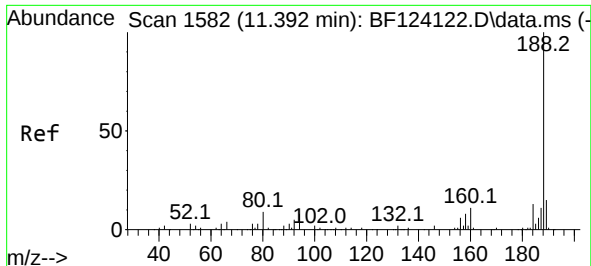
Tgt Ion:165 Resp: 15167
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 2.1 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.461 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124410.D
Acq: 22 Jun 2021 14:04

Tgt Ion:165 Resp: 15167
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 2.1 67.7 101.5#
182 0.0 2.1 3.1#

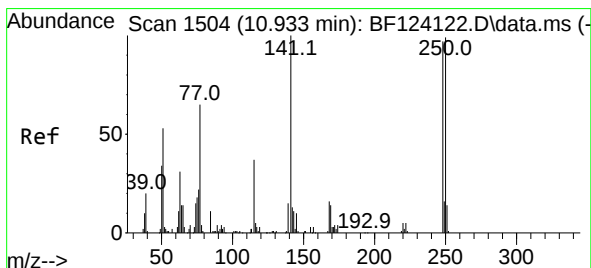
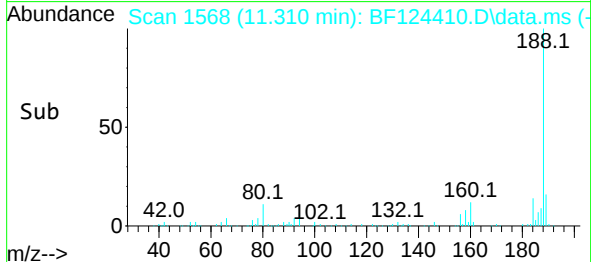
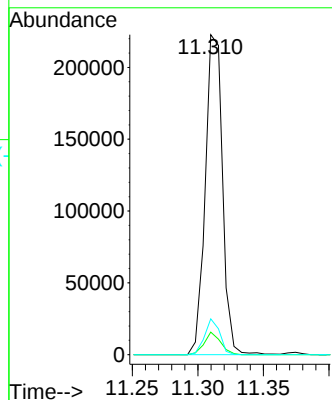
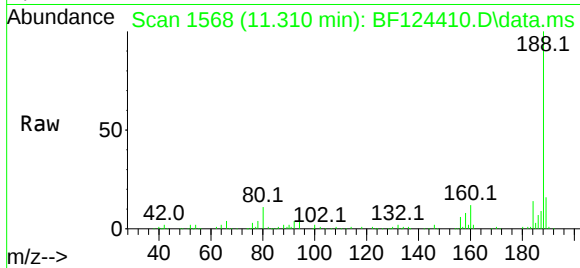




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124410.D
Acq: 22 Jun 2021 14:04

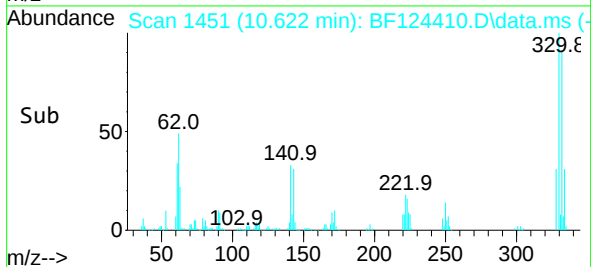
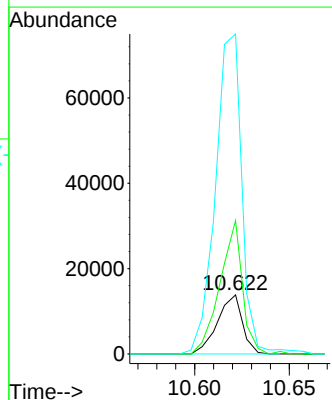
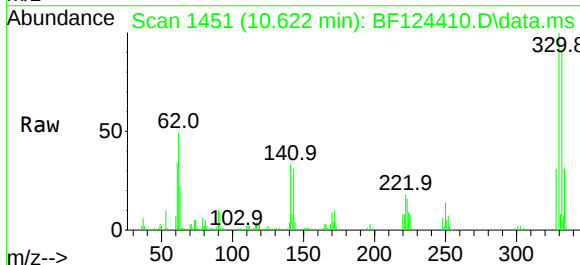
Instrument :
BNA_F
ClientSampleId :
WC_SOLIDS_DBD

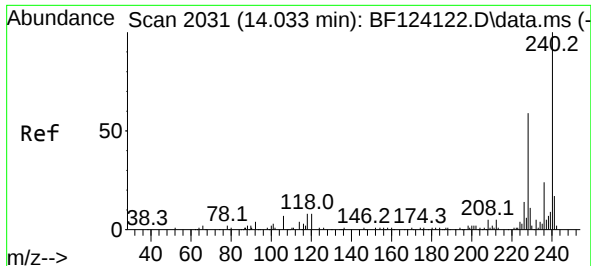
Tgt Ion:188 Resp: 204798
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 11.2 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.512 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.241 min
Lab File: BF124410.D
Acq: 22 Jun 2021 14:04

Tgt Ion:248 Resp: 12683
Ion Ratio Lower Upper
248 100
250 225.8 77.4 116.2#
141 541.8 63.7 95.5#

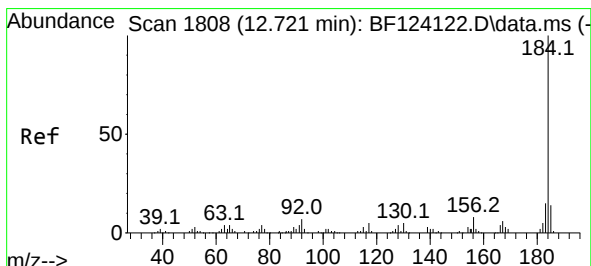
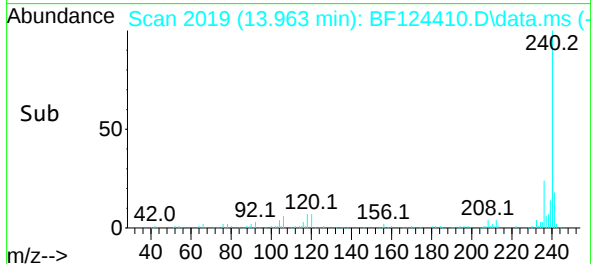
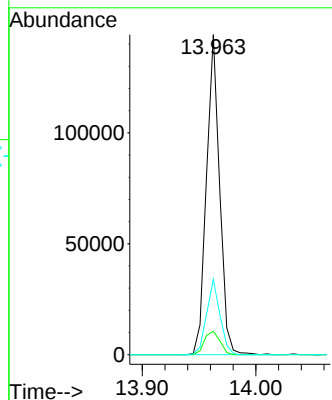
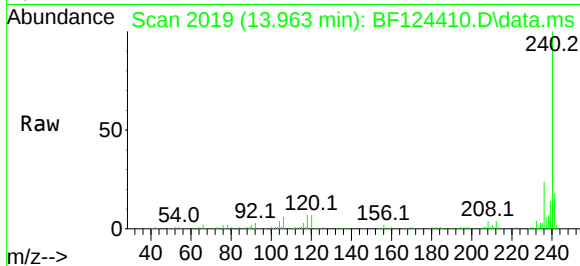




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF124410.D
Acq: 22 Jun 2021 14:04

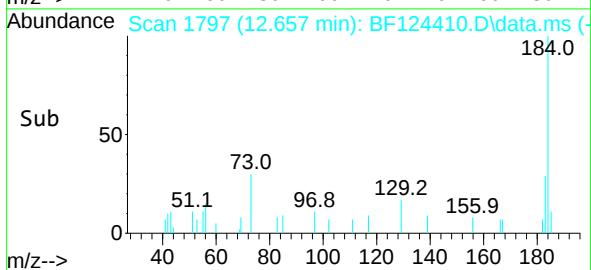
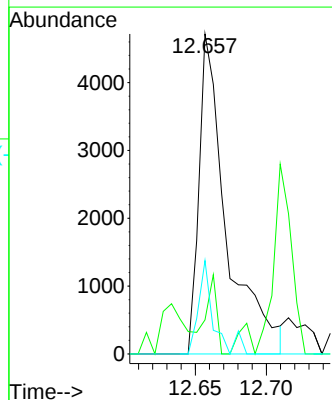
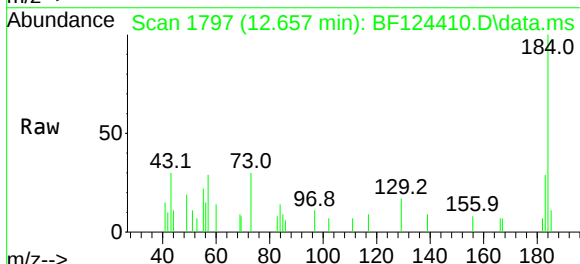
Instrument :
BNA_F
ClientSampleId :
WC_SOLIDS DBD

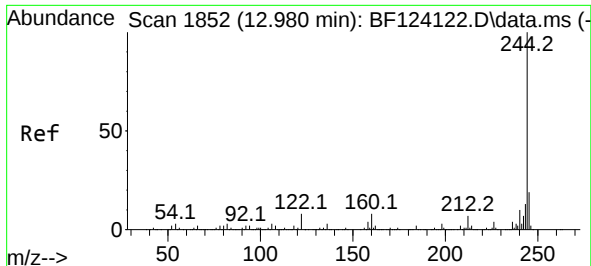
Tgt Ion:240 Resp: 115796
Ion Ratio Lower Upper
240 100
120 7.4 7.2 10.8
236 23.6 19.0 28.4



#77
Benzidine
Concen: 6.229 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.041 min
Lab File: BF124410.D
Acq: 22 Jun 2021 14:04

Tgt Ion:184 Resp: 6392
Ion Ratio Lower Upper
184 100
185 10.7 12.1 18.1#
183 29.2 7.8 11.8#

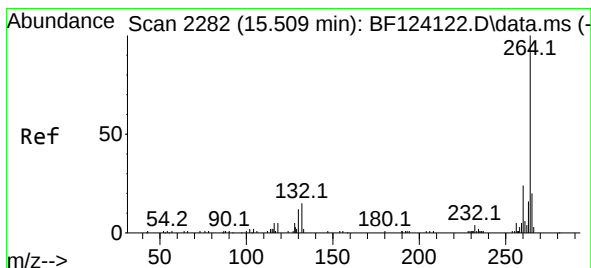
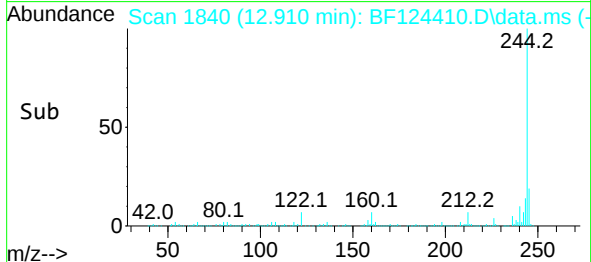
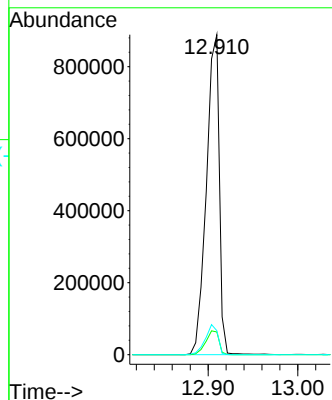
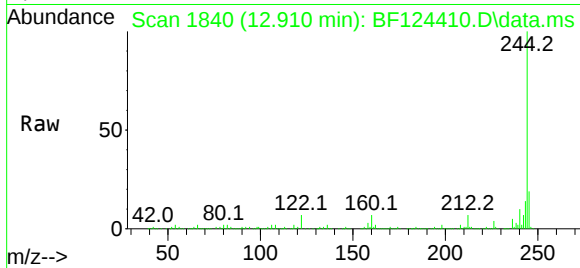




#79
Terphenyl-d14
Concen: 105.167 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF124410.D
Acq: 22 Jun 2021 14:04

Instrument :
BNA_F
ClientSampleId :
WC_SOLIDS DBD

Tgt Ion:244 Resp: 886987
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 7.5 9.7 14.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.012 min
Lab File: BF124410.D
Acq: 22 Jun 2021 14:04

Tgt Ion:264 Resp: 81271
Ion Ratio Lower Upper
264 100
260 22.6 18.7 28.1
265 20.2 17.8 26.8

