

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124422.D
 Acq On : 22 Jun 2021 20:37
 Operator : JU/CG
 Sample : M2789-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-SLAB-2-2

Quant Time: Jun 23 02:51:26 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)

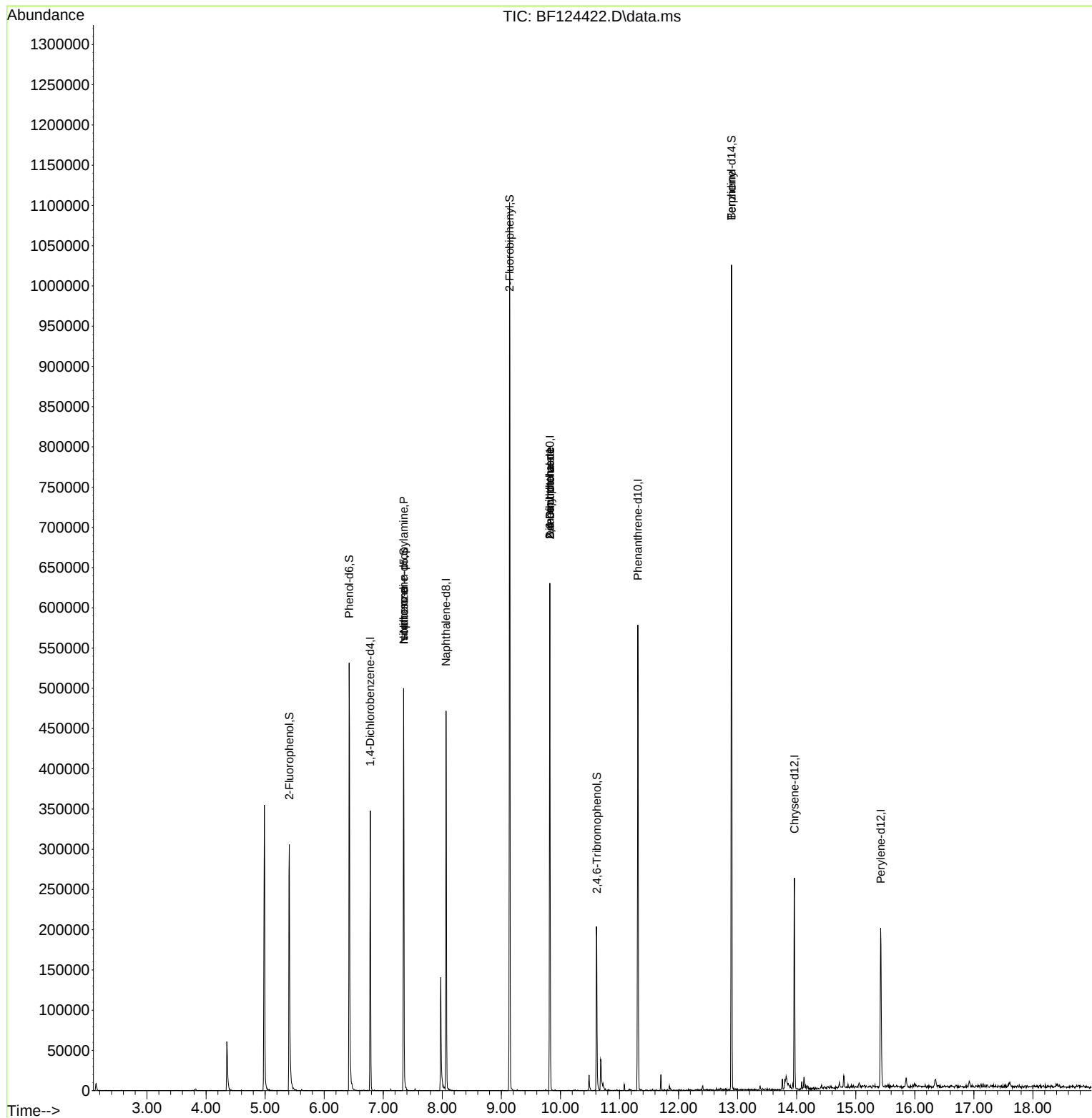
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	43628	20.00	ng	0.00
21) Naphthalene-d8	8.063	136	179839	20.00	ng	#-0.01
39) Acenaphthene-d10	9.821	164	112617	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	203912	20.00	ng	0.00
76) Chrysene-d12	13.962	240	93056	20.00	ng	0.00
86) Perylene-d12	15.421	264	84500	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	82731	28.55	ng	0.00
7) Phenol-d6	6.422	99	155840	40.00	ng	-0.02
23) Nitrobenzene-d5	7.345	82	145105	32.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	24029	15.06	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	307736	34.39	ng	-0.01
79) Terphenyl-d14	12.898	244	298769	44.08	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	20974	7.63	ng	# 61
25) Isophorone	7.345	82	145105	17.76	ng	# 69
50) Dimethylphthalate	9.821	163	22077	2.37	ng	# 1
51) 2,6-Dinitrotoluene	9.821	165	13485	6.31	ng	# 10
57) 2,4-Dinitrotoluene	9.821	165	13485	4.79	ng	# 15
77) Benzidine	12.898	184	5347	6.32	ng	# 78

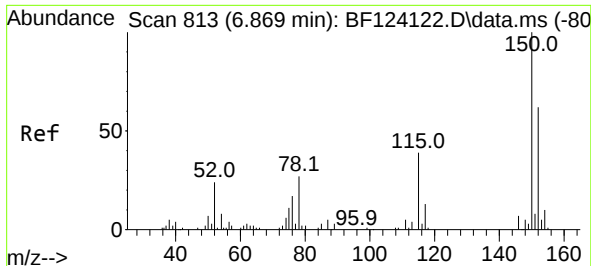
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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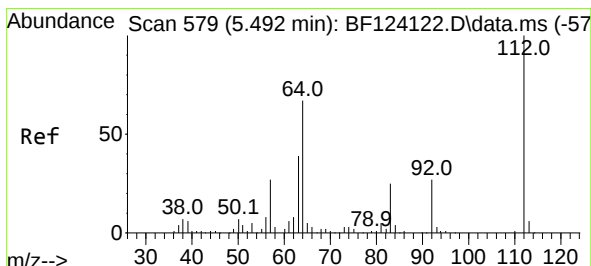
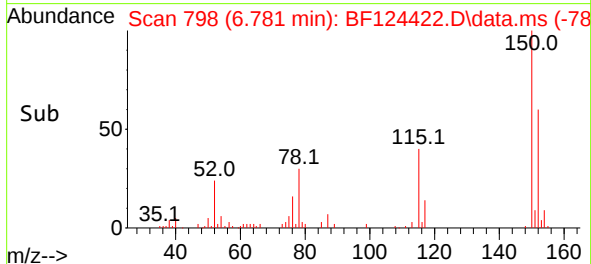
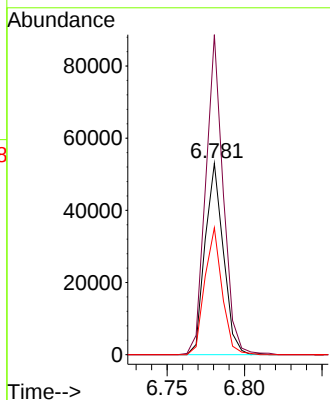
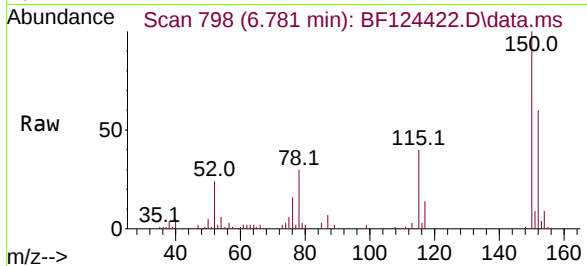




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124422.D
Acq: 22 Jun 2021 20:37

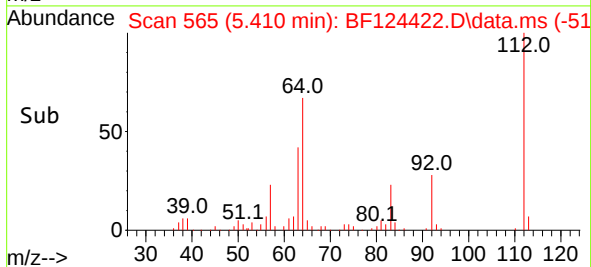
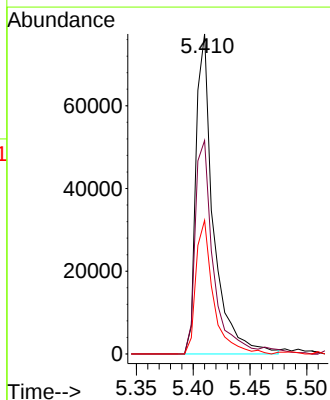
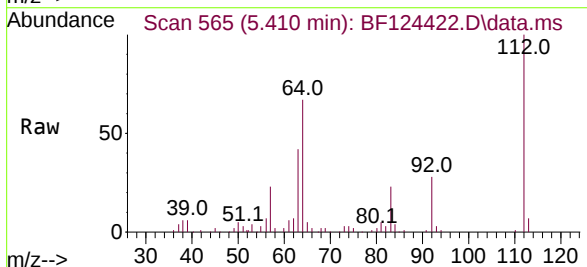
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-2-2

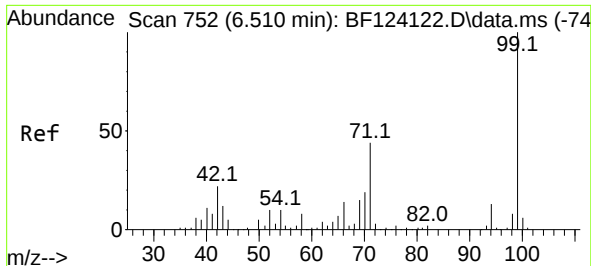
Tgt Ion:152 Resp: 43628
Ion Ratio Lower Upper
152 100
150 167.2 127.0 190.6
115 66.3 54.3 81.5



#5
2-Fluorophenol
Concen: 28.55 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124422.D
Acq: 22 Jun 2021 20:37

Tgt Ion:112 Resp: 82731
Ion Ratio Lower Upper
112 100
64 66.7 61.4 92.0
63 41.7 33.0 49.4

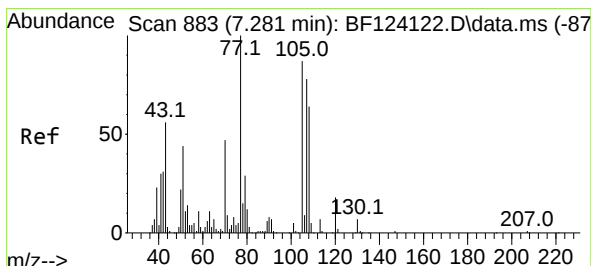
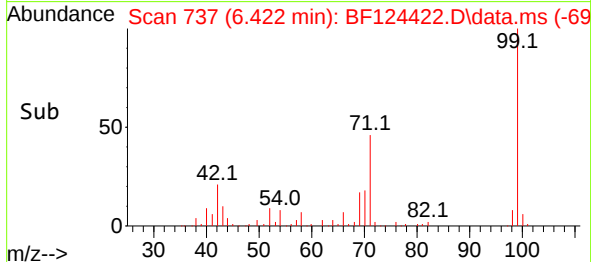
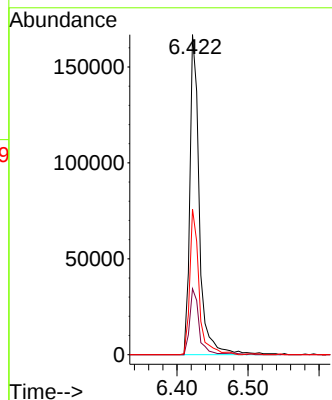
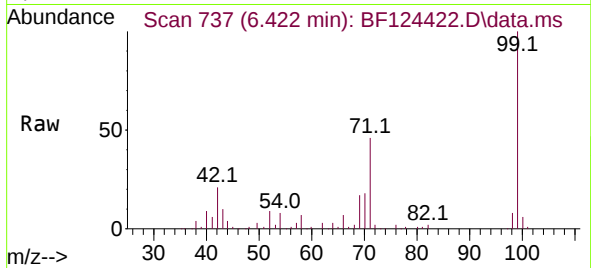




#7
Phenol-d6
Concen: 40.00 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.024 min
Lab File: BF124422.D
Acq: 22 Jun 2021 20:37

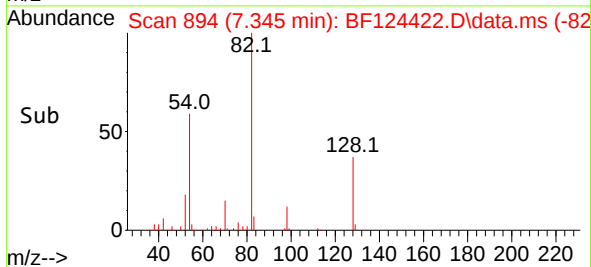
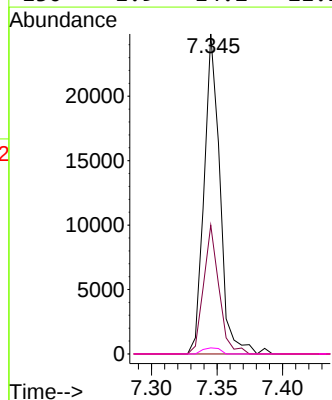
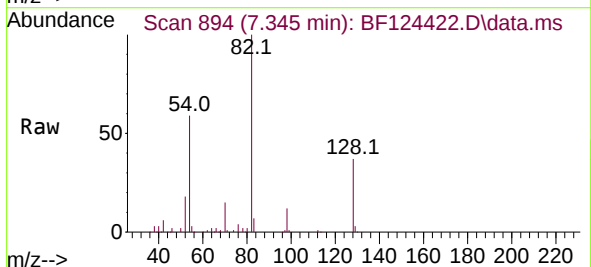
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-2-2

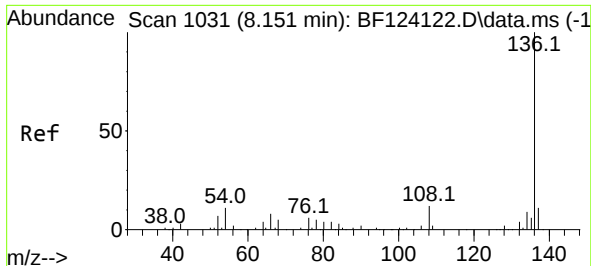
Tgt Ion: 99 Resp: 155840
Ion Ratio Lower Upper
99 100
42 20.6 19.8 29.8
71 45.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 7.63 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF124422.D
Acq: 22 Jun 2021 20:37

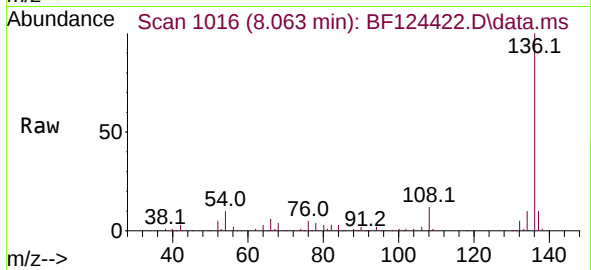
Tgt Ion: 70 Resp: 20974
Ion Ratio Lower Upper
70 100
42 40.2 60.1 90.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.2#



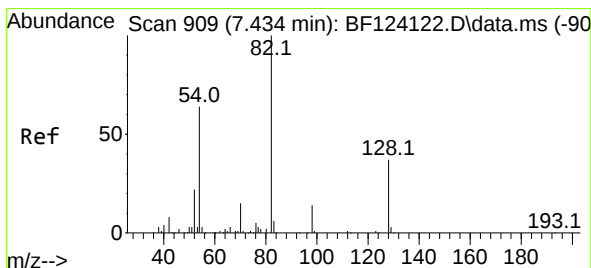
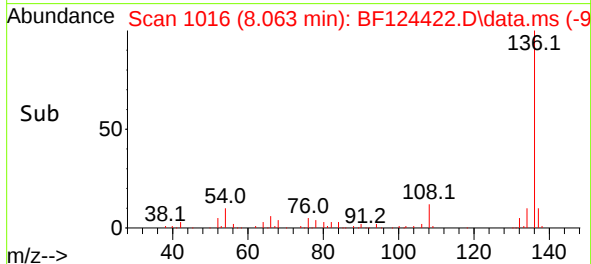
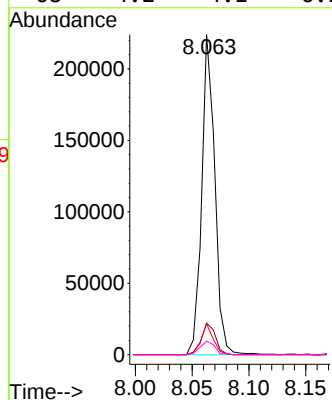


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124422.D
Acq: 22 Jun 2021 20:37

Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-2-2

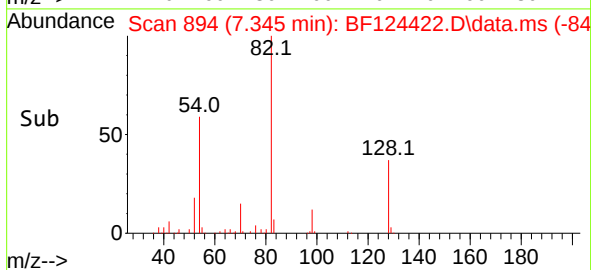
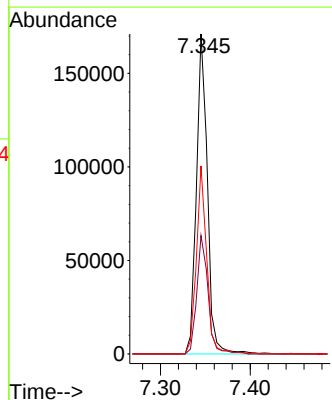
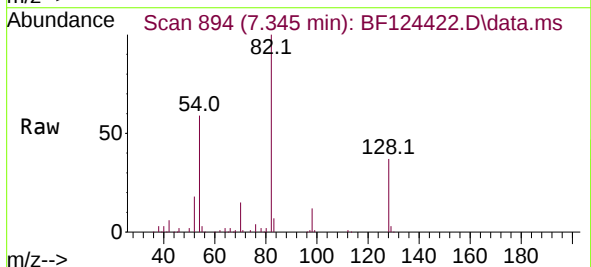


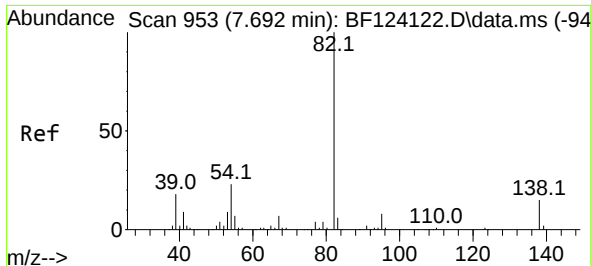
Tgt Ion:136 Resp: 179839
Ion Ratio Lower Upper
136 100
137 9.9 8.7 13.1
54 9.7 9.8 14.6#
68 4.2 4.1 6.1



#23
Nitrobenzene-d5
Concen: 32.00 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF124422.D
Acq: 22 Jun 2021 20:37

Tgt Ion: 82 Resp: 145105
Ion Ratio Lower Upper
82 100
128 37.0 29.4 44.2
54 58.8 54.1 81.1

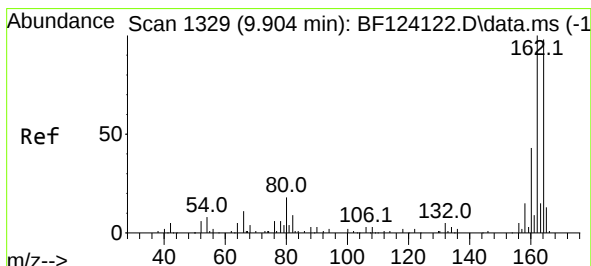
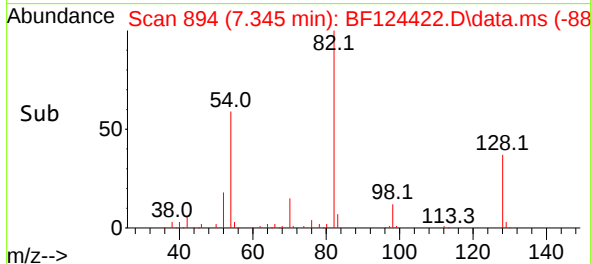
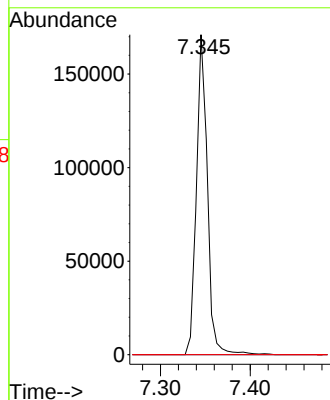
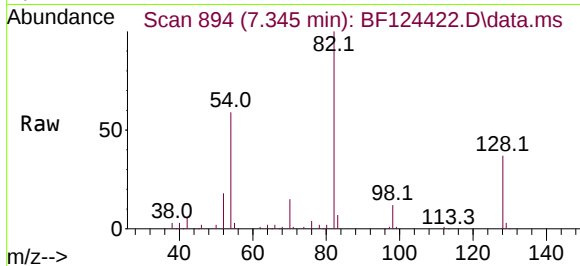




#25
Isophorone
Concen: 17.76 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF124422.D
Acq: 22 Jun 2021 20:37

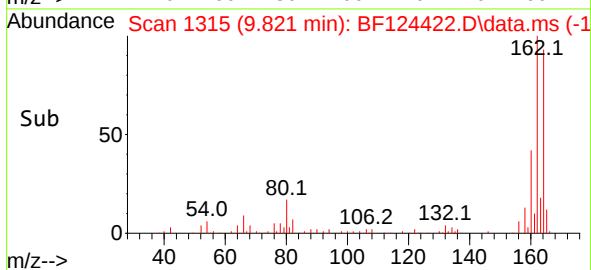
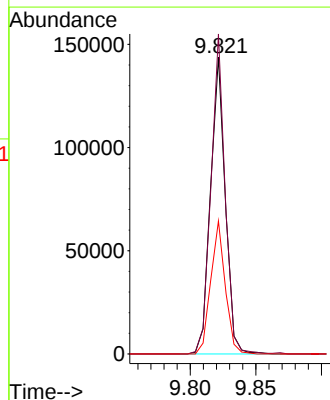
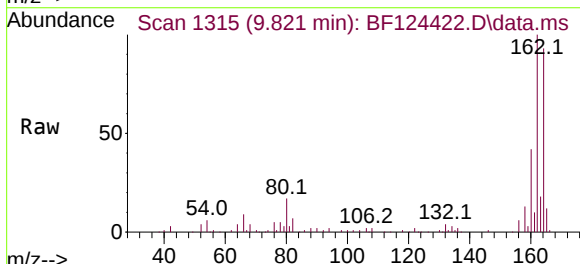
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-2-2

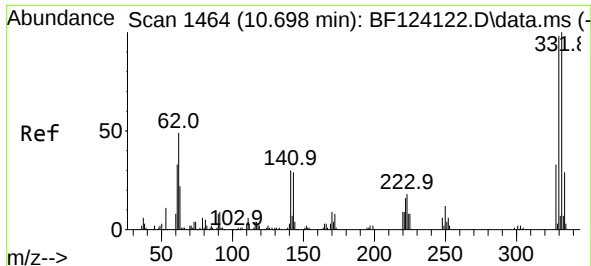
Tgt Ion: 82 Resp: 145105
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.821 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124422.D
Acq: 22 Jun 2021 20:37

Tgt Ion: 164 Resp: 112617
Ion Ratio Lower Upper
164 100
162 107.8 80.7 121.1
160 44.8 37.3 55.9

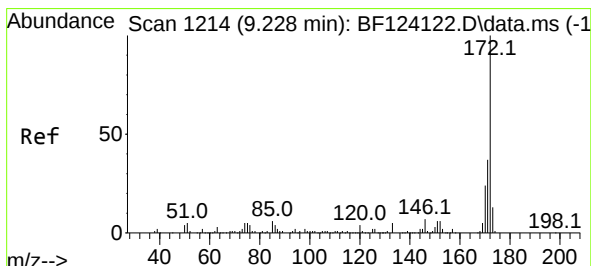
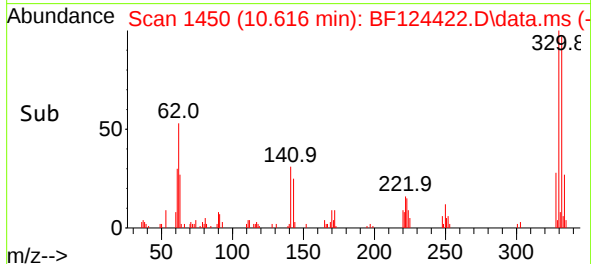
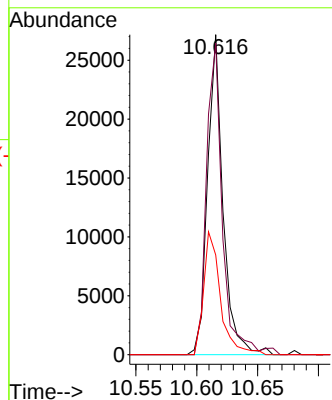
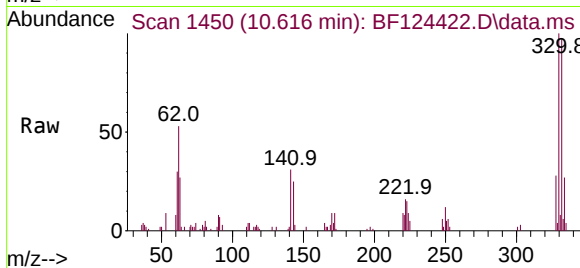




#42
2,4,6-Tribromophenol
Concen: 15.06 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124422.D
Acq: 22 Jun 2021 20:37

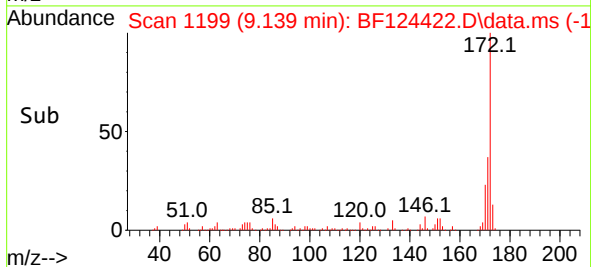
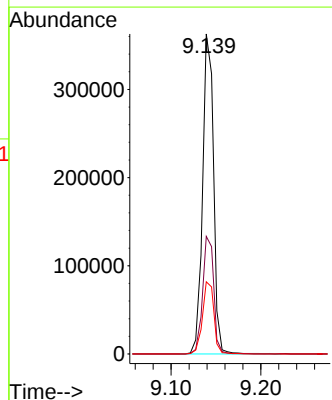
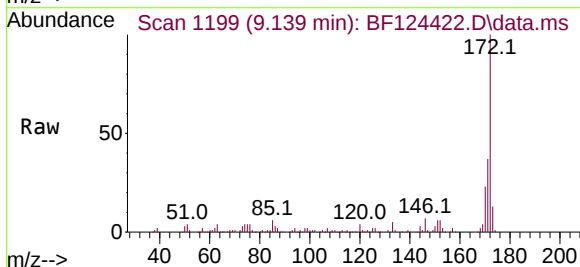
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-2-2

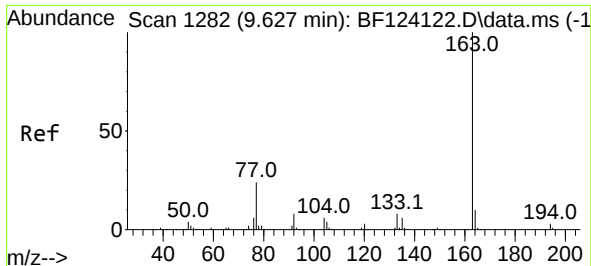
Tgt Ion: 330 Resp: 24029
Ion Ratio Lower Upper
330 100
332 100.1 77.1 115.7
141 41.9 27.9 41.9#



#45
2-Fluorobiphenyl
Concen: 34.39 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF124422.D
Acq: 22 Jun 2021 20:37

Tgt Ion: 172 Resp: 307736
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 22.6 19.2 28.8

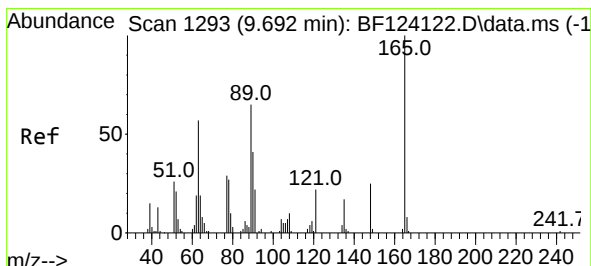
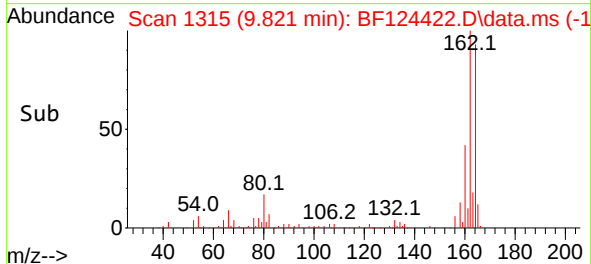
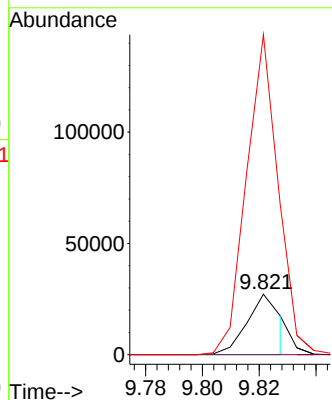
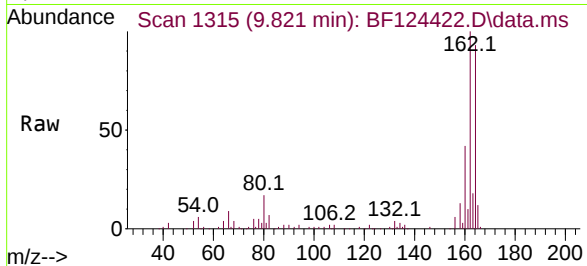




#50
Dimethylphthalate
Concen: 2.37 ng
RT: 9.821 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124422.D
Acq: 22 Jun 2021 20:37

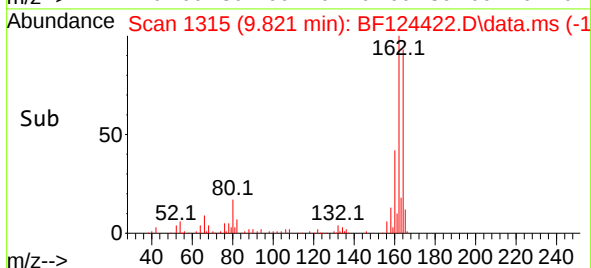
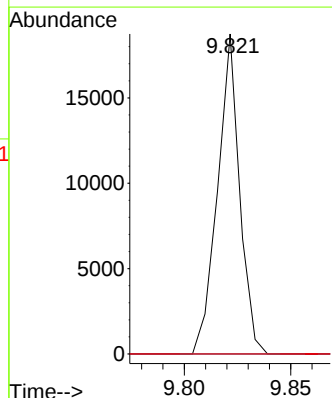
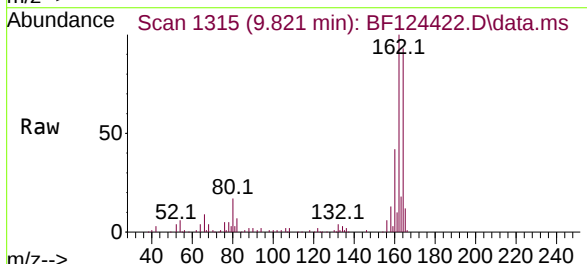
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ClientSampleId :
CONCRETE-SLAB-2-2

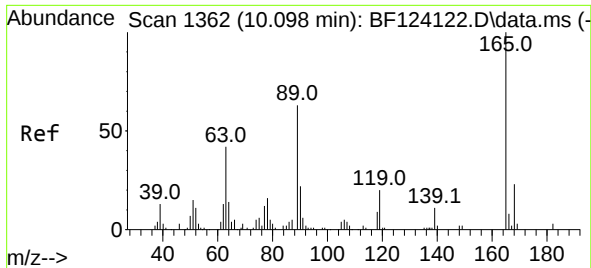
Tgt Ion:163 Resp: 22077
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 528.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.31 ng
RT: 9.821 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124422.D
Acq: 22 Jun 2021 20:37

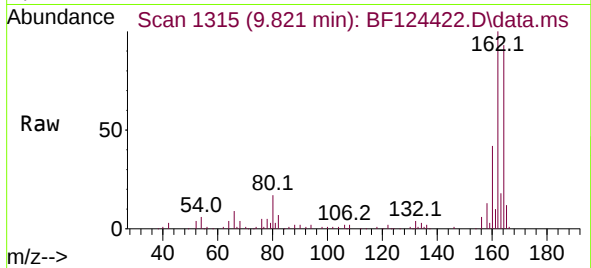
Tgt Ion:165 Resp: 13485
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



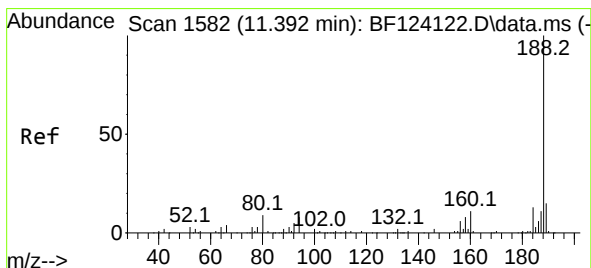
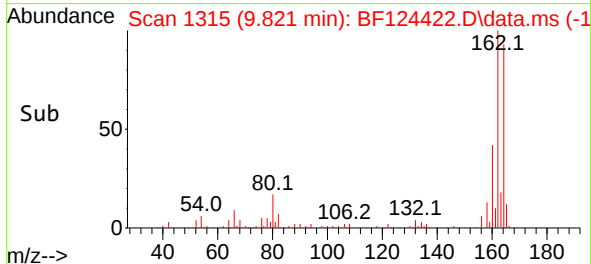
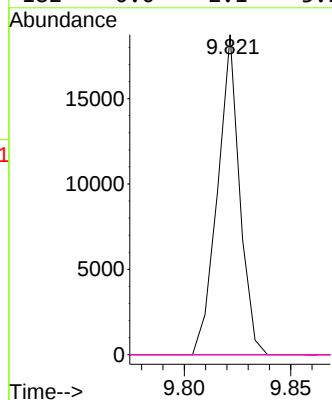


#57
2,4-Dinitrotoluene
Concen: 4.79 ng
RT: 9.821 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124422.D
Acq: 22 Jun 2021 20:37

Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-2-2

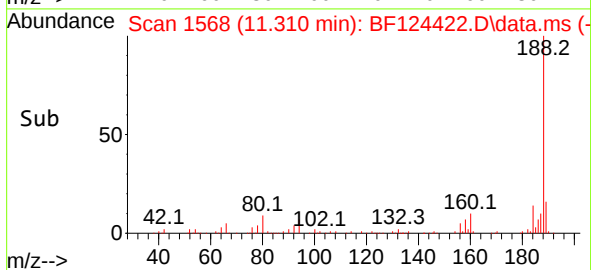
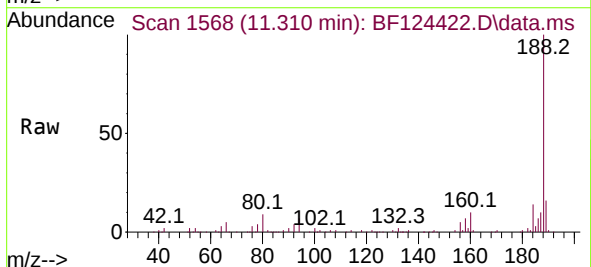
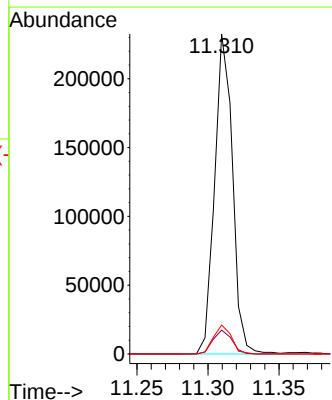


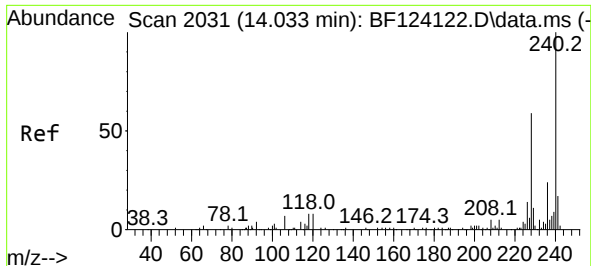
Tgt Ion:165 Resp: 13485
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124422.D
Acq: 22 Jun 2021 20:37

Tgt Ion:188 Resp: 203912
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 9.1 8.2 12.2

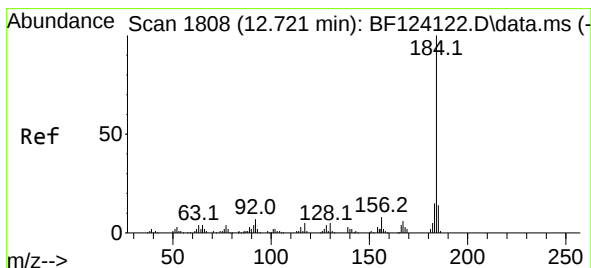
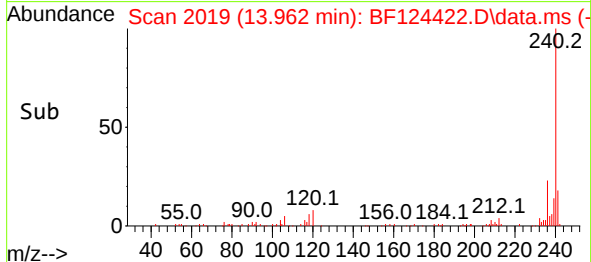
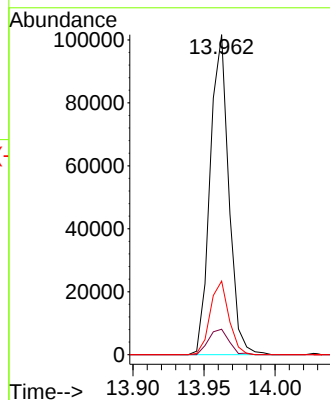
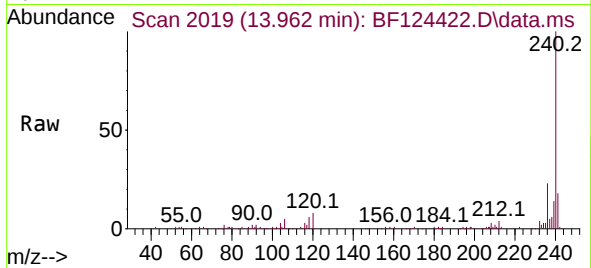




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF124422.D
Acq: 22 Jun 2021 20:37

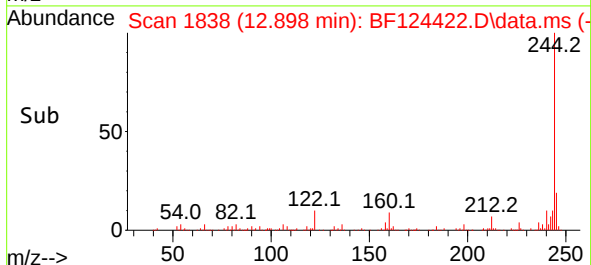
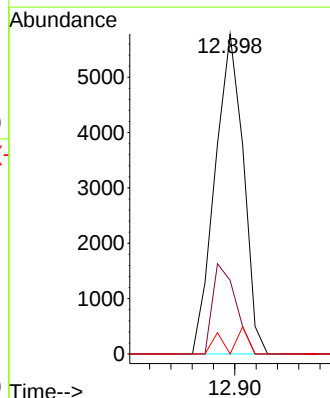
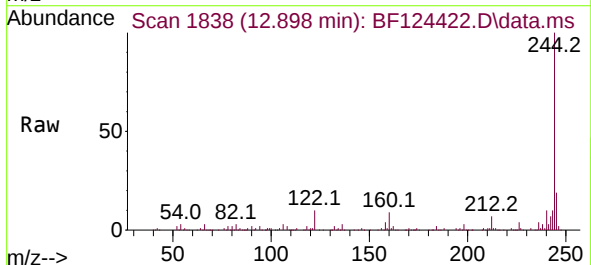
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-2-2

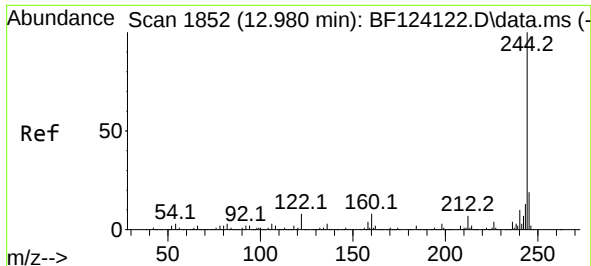
Tgt Ion:240 Resp: 93056
Ion Ratio Lower Upper
240 100
120 8.0 7.2 10.8
236 23.0 19.0 28.4



#77
Benzidine
Concen: 6.32 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.200 min
Lab File: BF124422.D
Acq: 22 Jun 2021 20:37

Tgt Ion:184 Resp: 5347
Ion Ratio Lower Upper
184 100
185 23.0 12.1 18.1#
183 0.0 7.8 11.8#

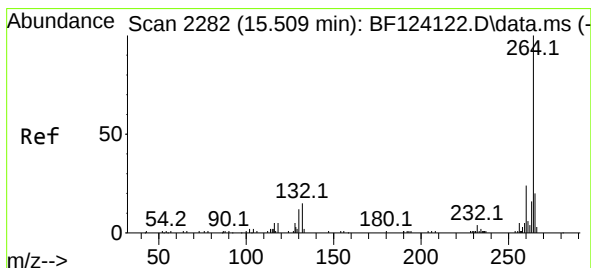
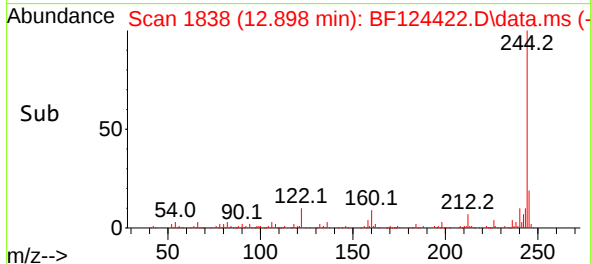
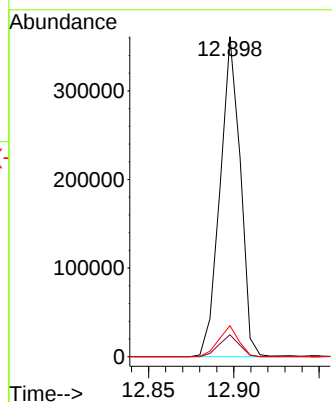
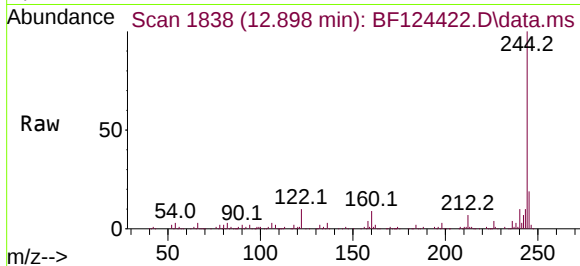




#79
Terphenyl-d14
Concen: 44.08 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF124422.D
Acq: 22 Jun 2021 20:37

Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-2-2

Tgt Ion:244 Resp: 298769
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.7 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF124422.D
Acq: 22 Jun 2021 20:37

Tgt Ion:264 Resp: 84500
Ion Ratio Lower Upper
264 100
260 21.8 18.7 28.1
265 22.9 17.8 26.8

