

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124420.D
 Acq On : 22 Jun 2021 19:33
 Operator : JU/CG
 Sample : M2789-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-SLAB-1-2

Quant Time: Jun 23 02:51:12 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)

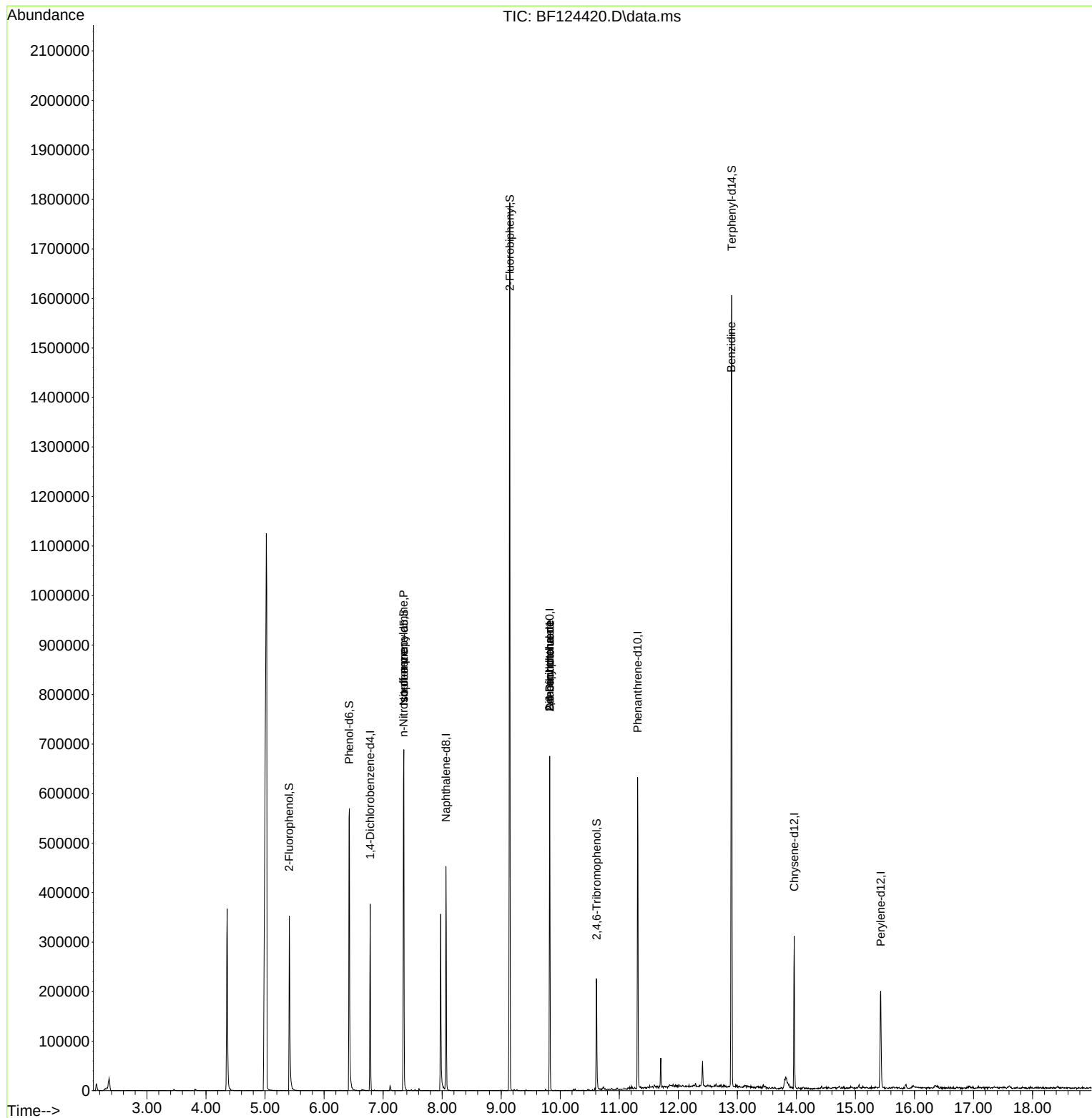
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	45315	20.00	ng	0.00
21) Naphthalene-d8	8.063	136	179559	20.00	ng	-0.01
39) Acenaphthene-d10	9.822	164	118372	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	212313	20.00	ng	0.00
76) Chrysene-d12	13.962	240	100807	20.00	ng	# 0.00
86) Perylene-d12	15.427	264	86780	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	87744	29.15	ng	0.00
7) Phenol-d6	6.428	99	178741	44.17	ng	-0.02
23) Nitrobenzene-d5	7.351	82	221038	48.82	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	27735	16.54	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	493296	52.44	ng	0.00
79) Terphenyl-d14	12.904	244	497787	67.80	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	31509	11.03	ng	# 57
25) Isophorone	7.351	82	221070	27.10	ng	# 69
50) Dimethylphthalate	9.822	163	22676	2.32	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	14830	6.60	ng	# 11
57) 2,4-Dinitrotoluene	9.822	165	14830	5.01	ng	# 16
77) Benzidine	12.898	184	8051	7.20	ng	# 96

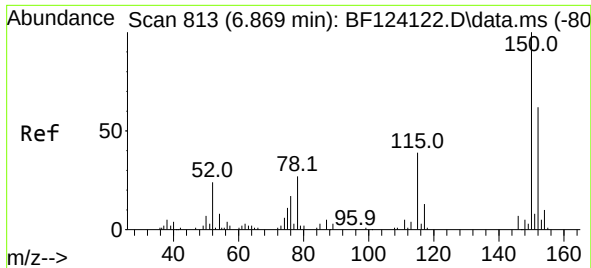
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
Data File : BF124420.D
Acq On : 22 Jun 2021 19:33
Operator : JU/CG
Sample : M2789-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-1-2

Quant Time: Jun 23 02:51:12 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

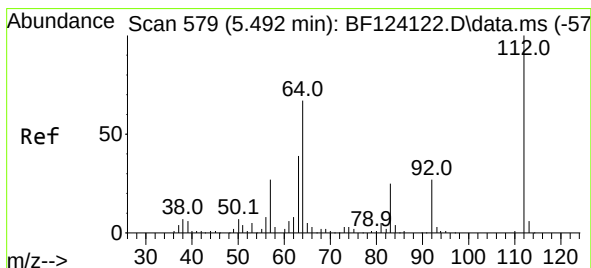
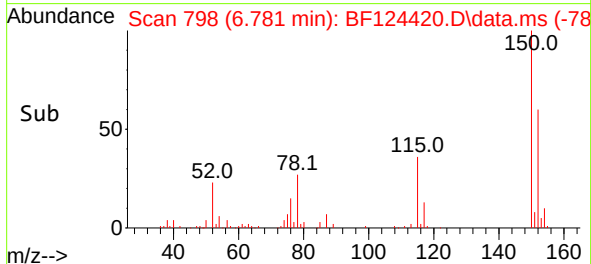
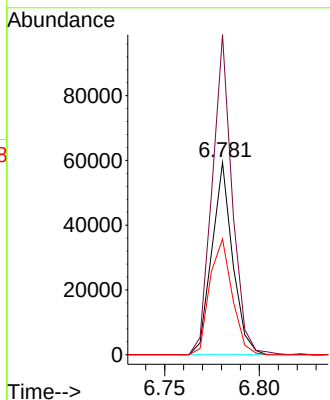
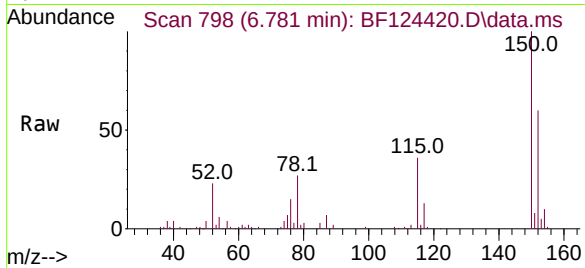




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF124420.D
 Acq: 22 Jun 2021 19:33

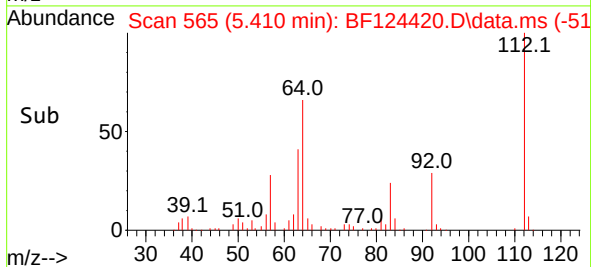
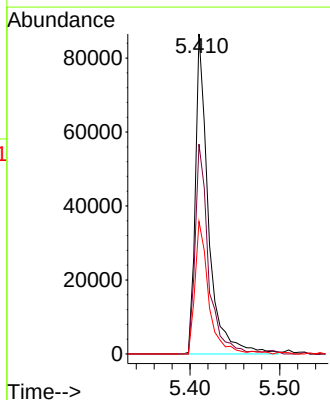
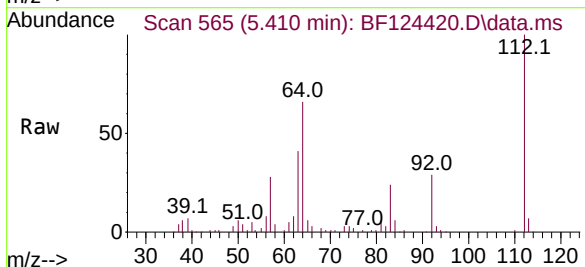
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-SLAB-1-2

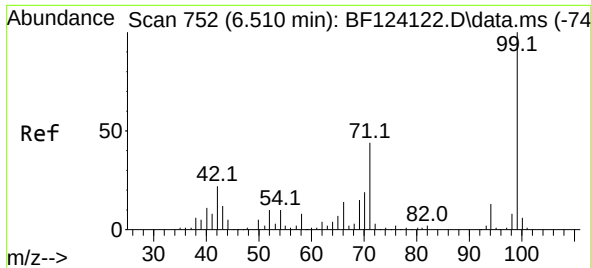
Tgt Ion:152 Resp: 45315
 Ion Ratio Lower Upper
 152 100
 150 166.3 127.0 190.6
 115 60.2 54.3 81.5



#5
 2-Fluorophenol
 Concen: 29.15 ng
 RT: 5.410 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: BF124420.D
 Acq: 22 Jun 2021 19:33

Tgt Ion:112 Resp: 87744
 Ion Ratio Lower Upper
 112 100
 64 65.5 61.4 92.0
 63 41.4 33.0 49.4

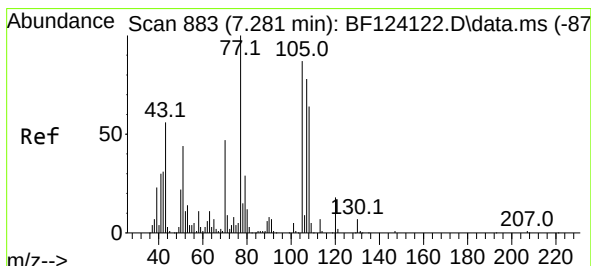
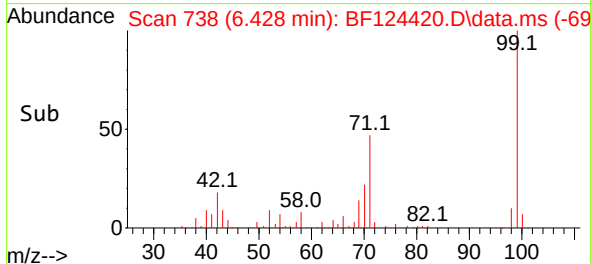
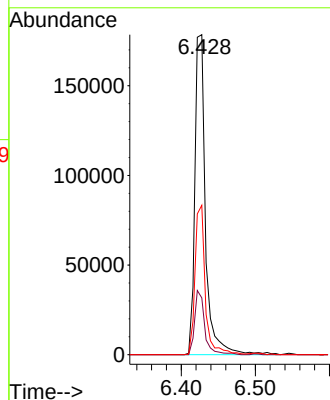
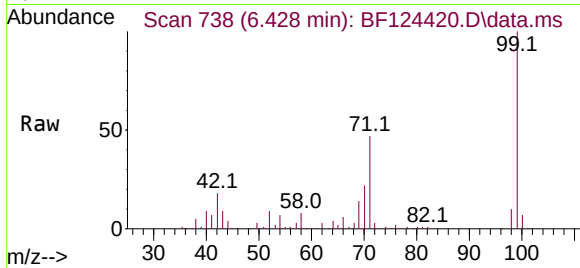




#7
Phenol-d6
Concen: 44.17 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124420.D
Acq: 22 Jun 2021 19:33

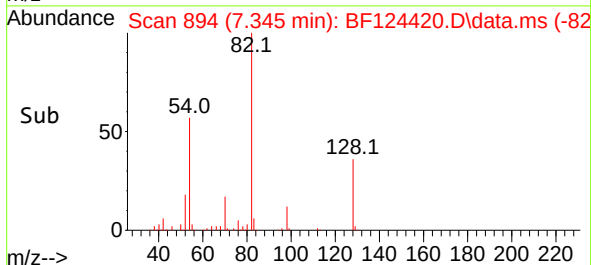
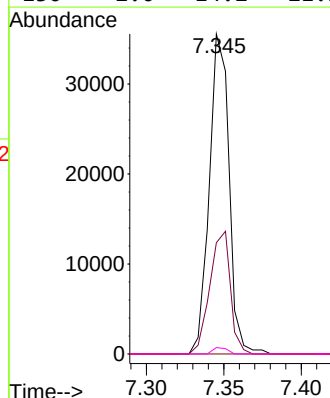
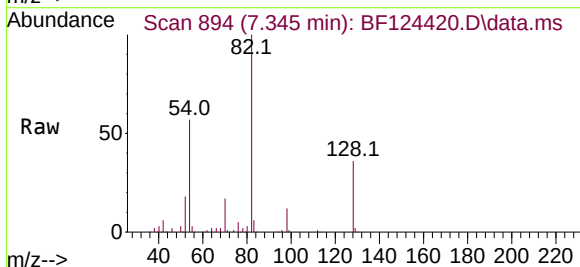
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-1-2

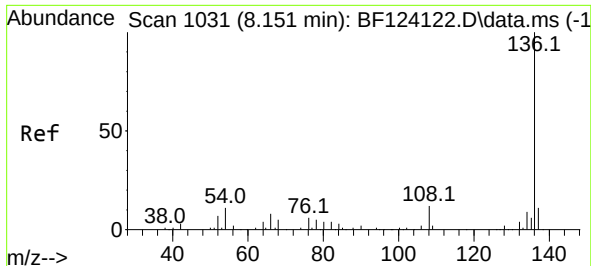
Tgt Ion: 99 Resp: 178741
Ion Ratio Lower Upper
99 100
42 17.7 19.8 29.8#
71 46.7 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 11.03 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF124420.D
Acq: 22 Jun 2021 19:33

Tgt Ion: 70 Resp: 31509
Ion Ratio Lower Upper
70 100
42 34.7 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#

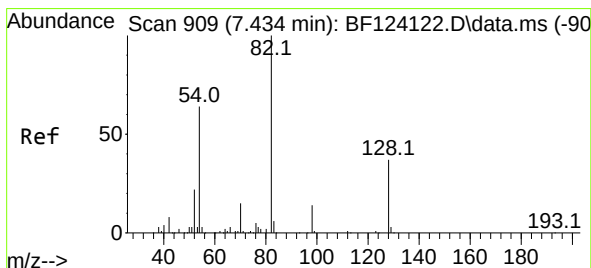
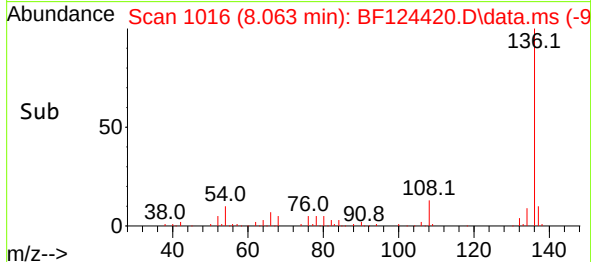
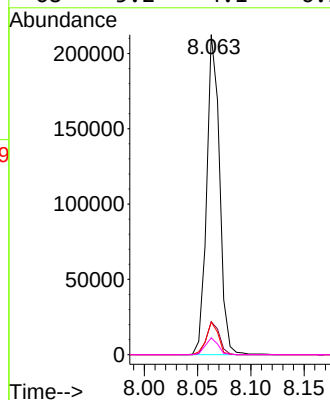
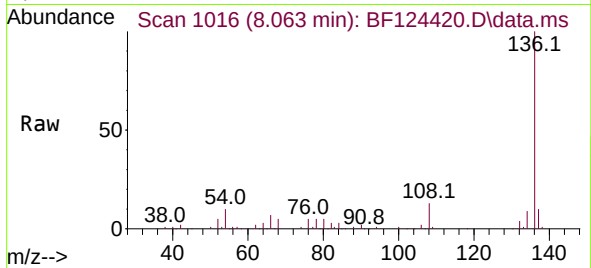




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124420.D
Acq: 22 Jun 2021 19:33

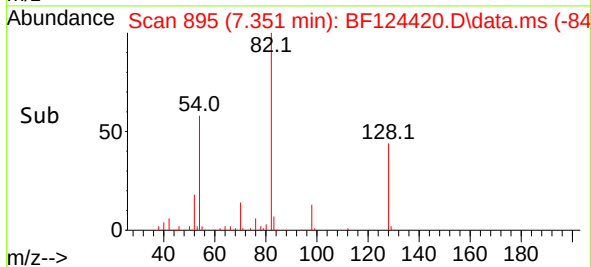
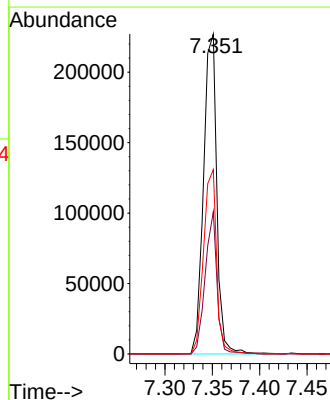
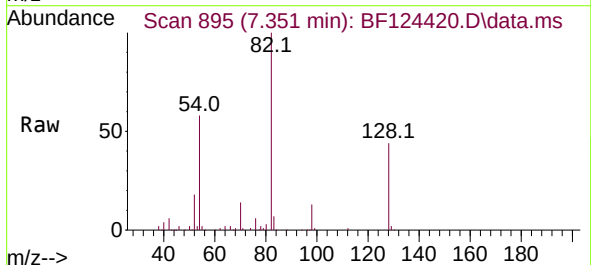
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-1-2

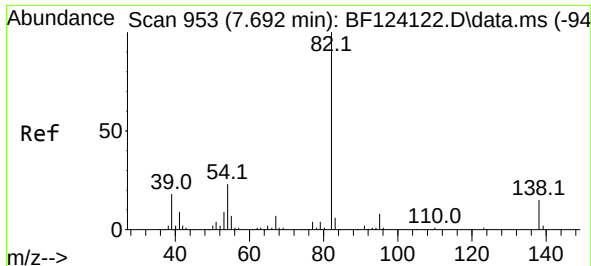
Tgt Ion:136	Resp: 179559
Ion Ratio	Lower Upper
136 100	
137 10.3	8.7 13.1
54 10.2	9.8 14.6
68 5.2	4.1 6.1



#23
Nitrobenzene-d5
Concen: 48.82 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124420.D
Acq: 22 Jun 2021 19:33

Tgt Ion: 82	Resp: 221038
Ion Ratio	Lower Upper
82 100	
128 44.4	29.4 44.2#
54 57.6	54.1 81.1

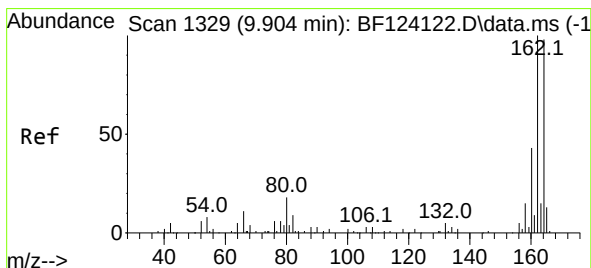
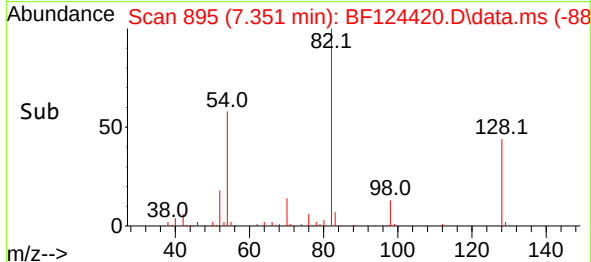
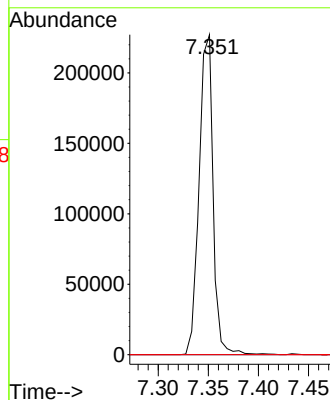
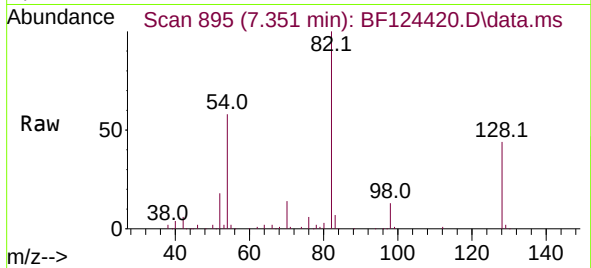




#25
Isophorone
Concen: 27.10 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124420.D
Acq: 22 Jun 2021 19:33

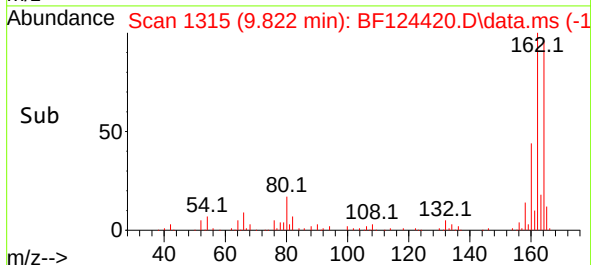
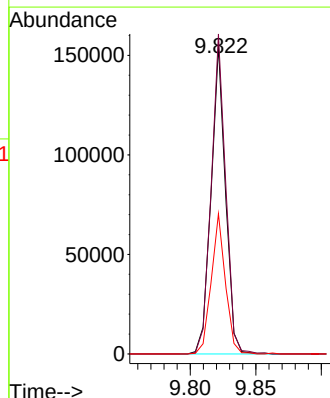
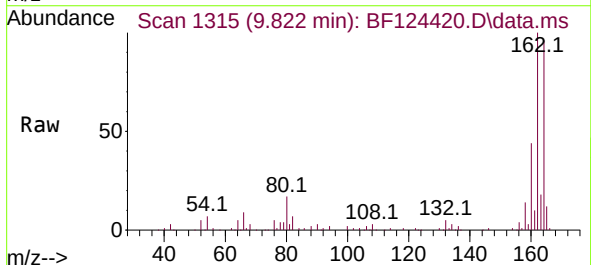
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-1-2

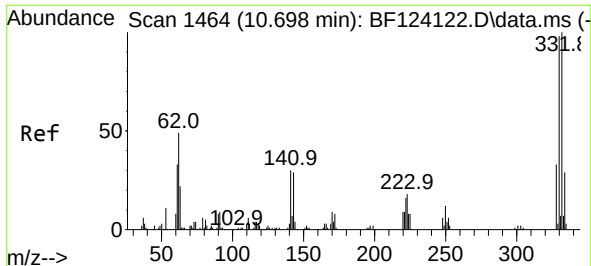
Tgt Ion: 82 Resp: 221070
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124420.D
Acq: 22 Jun 2021 19:33

Tgt Ion:164 Resp: 118372
Ion Ratio Lower Upper
164 100
162 103.9 80.7 121.1
160 45.5 37.3 55.9

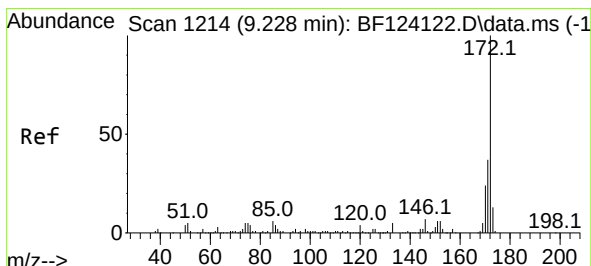
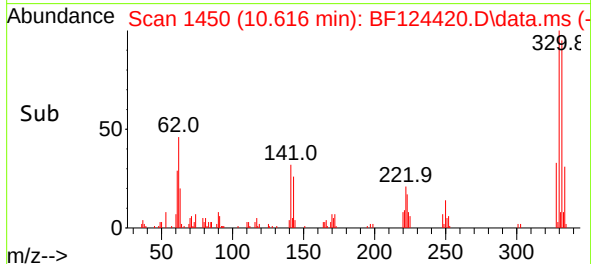
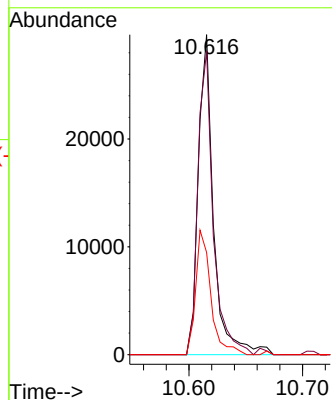
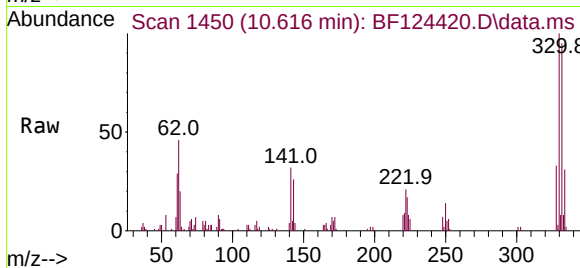




#42
2,4,6-Tribromophenol
Concen: 16.54 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124420.D
Acq: 22 Jun 2021 19:33

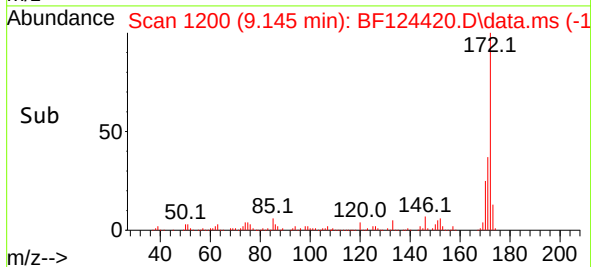
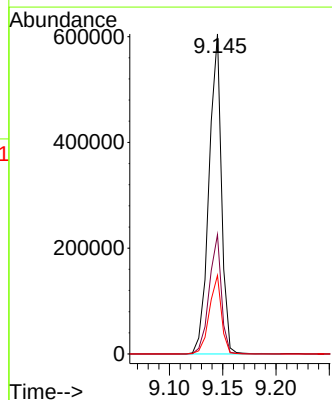
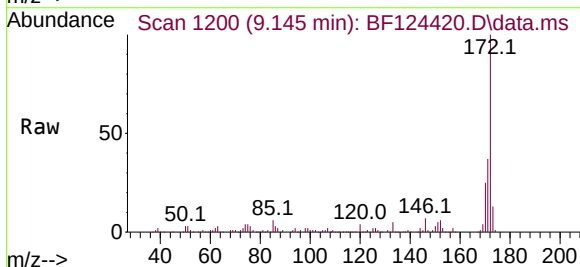
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-1-2

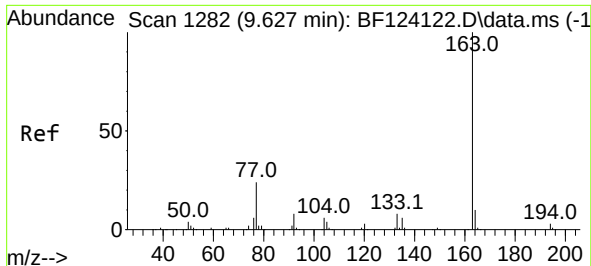
Tgt Ion: 330 Resp: 27735
Ion Ratio Lower Upper
330 100
332 95.0 77.1 115.7
141 38.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 52.44 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124420.D
Acq: 22 Jun 2021 19:33

Tgt Ion: 172 Resp: 493296
Ion Ratio Lower Upper
172 100
171 37.3 28.1 42.1
170 24.5 19.2 28.8

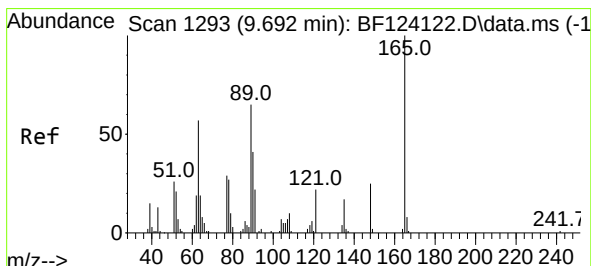
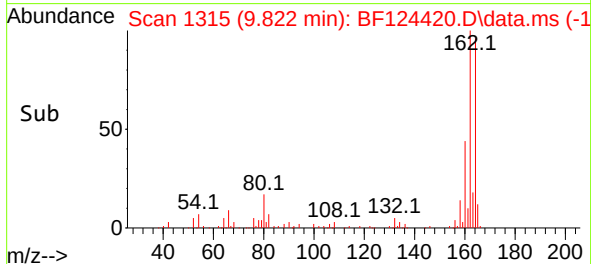
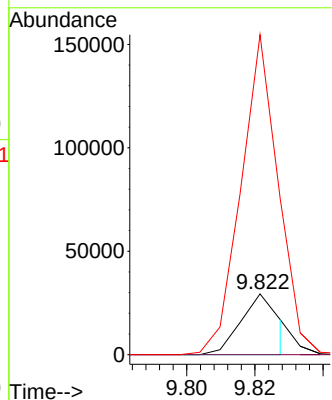
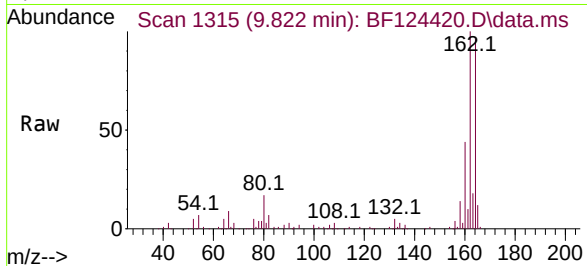




#50
Dimethylphthalate
Concen: 2.32 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124420.D
Acq: 22 Jun 2021 19:33

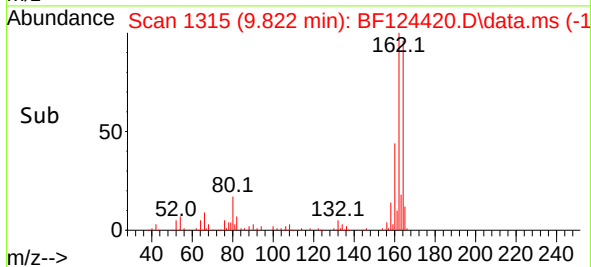
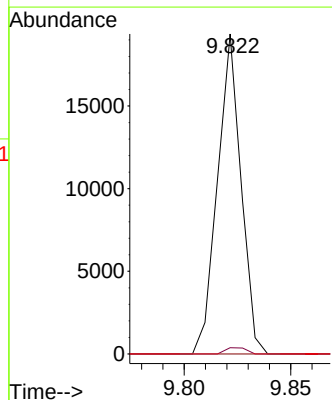
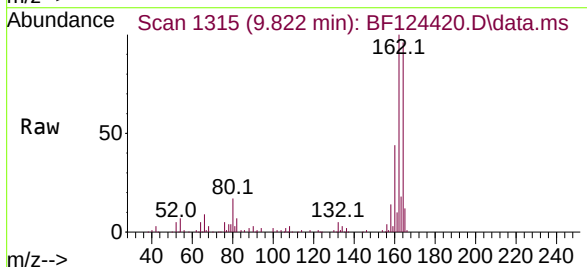
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-1-2

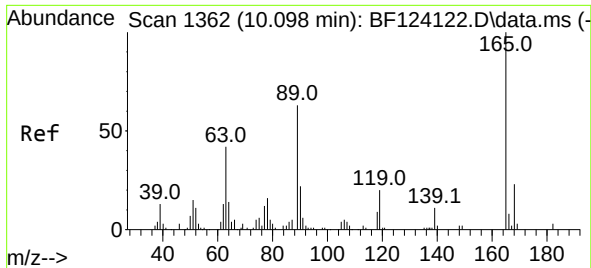
Tgt Ion:163 Resp: 22676
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 526.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.60 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124420.D
Acq: 22 Jun 2021 19:33

Tgt Ion:165 Resp: 14830
Ion Ratio Lower Upper
165 100
63 2.0 67.7 101.5#
89 0.0 58.8 88.2#

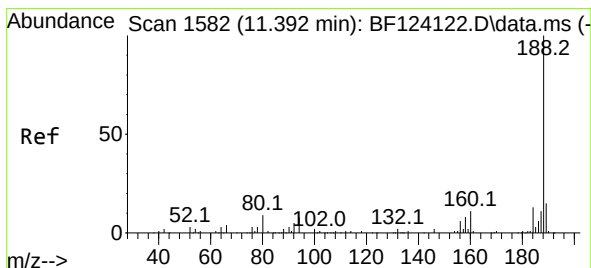
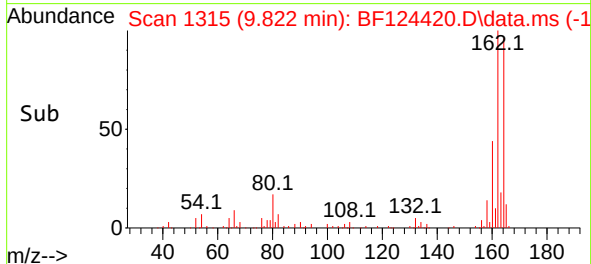
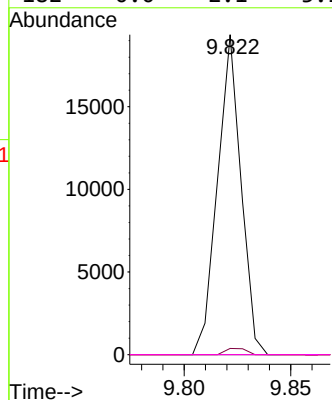
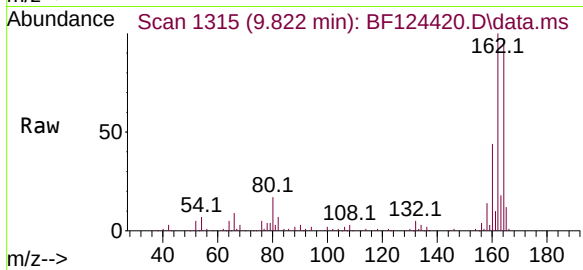




#57
2,4-Dinitrotoluene
Concen: 5.01 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124420.D
Acq: 22 Jun 2021 19:33

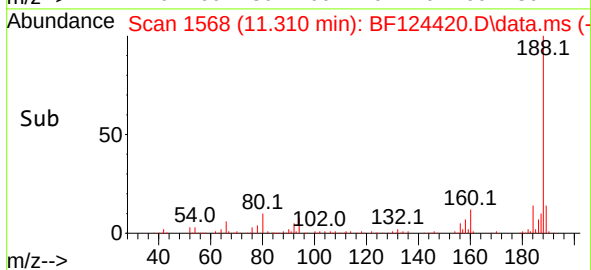
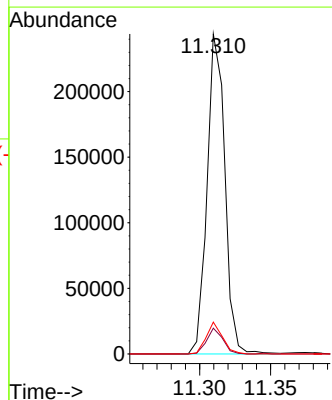
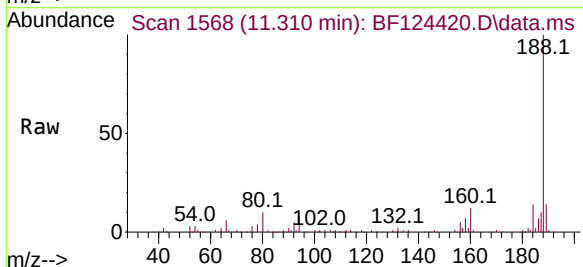
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-1-2

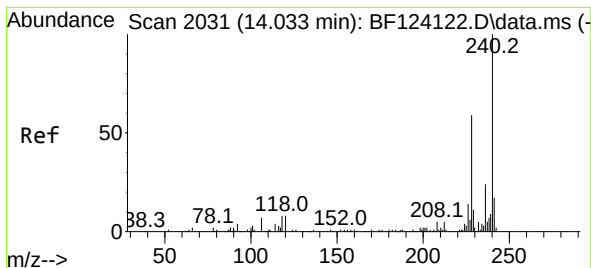
Tgt Ion:165	Resp:	14830
Ion Ratio	Lower	Upper
165	100	
63	2.0	43.5 65.3#
89	0.0	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124420.D
Acq: 22 Jun 2021 19:33

Tgt Ion:188	Resp:	212313
Ion Ratio	Lower	Upper
188	100	
94	8.1	6.9 10.3
80	9.9	8.2 12.2

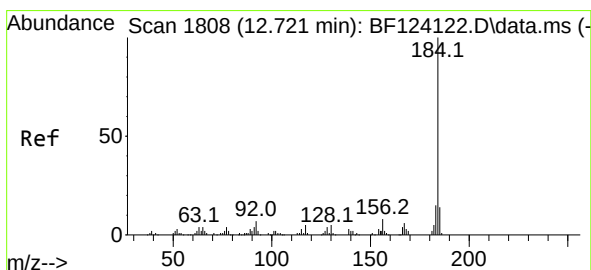
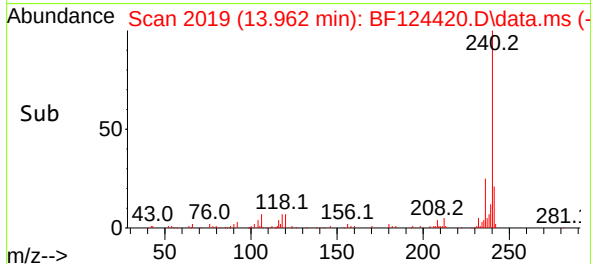
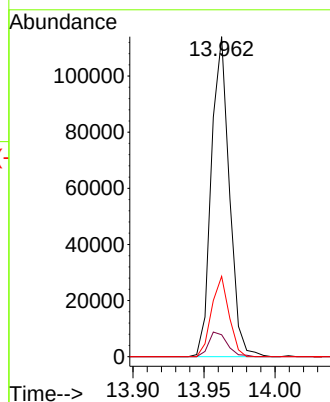
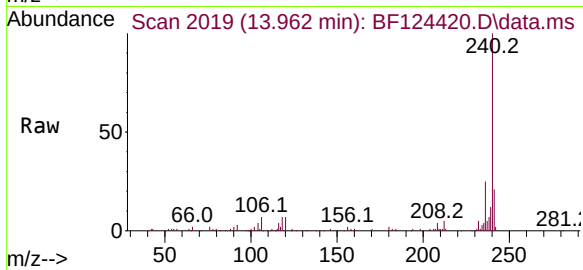




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF124420.D
Acq: 22 Jun 2021 19:33

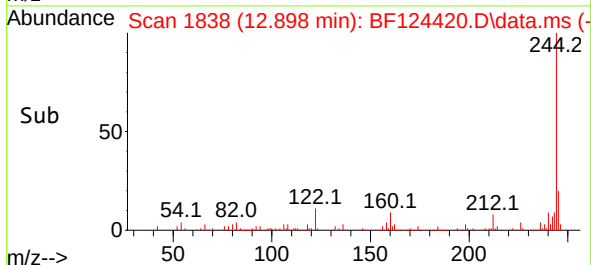
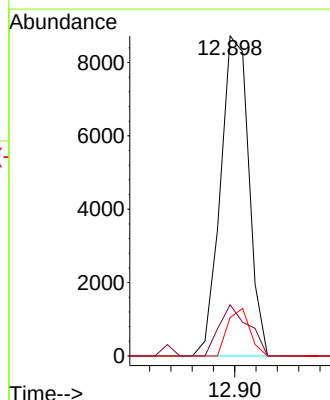
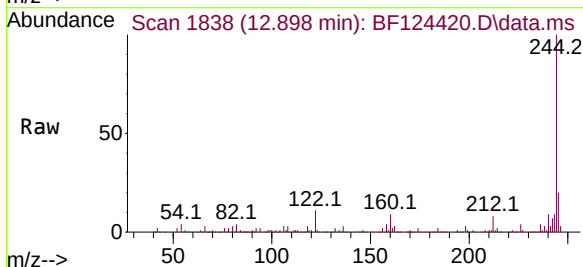
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-1-2

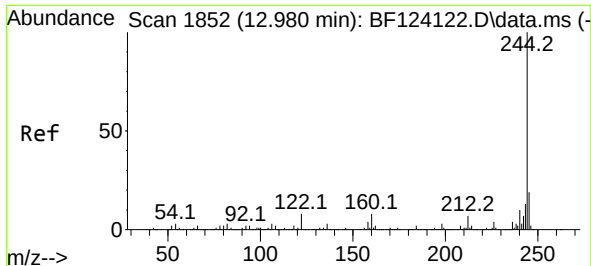
Tgt Ion:240 Resp: 100807
Ion Ratio Lower Upper
240 100
120 6.9 7.2 10.8#
236 25.1 19.0 28.4



#77
Benzidine
Concen: 7.20 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.200 min
Lab File: BF124420.D
Acq: 22 Jun 2021 19:33

Tgt Ion:184 Resp: 8051
Ion Ratio Lower Upper
184 100
185 16.0 12.1 18.1
183 12.0 7.8 11.8#

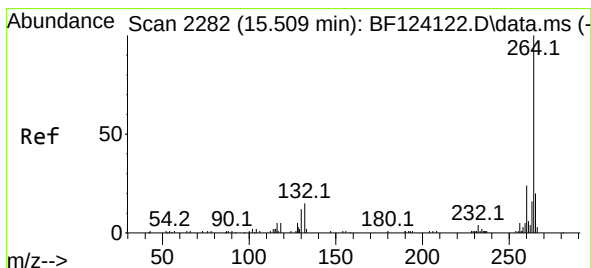
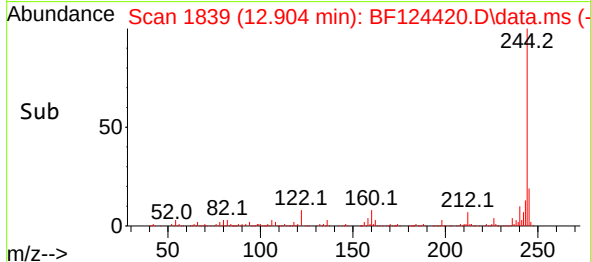
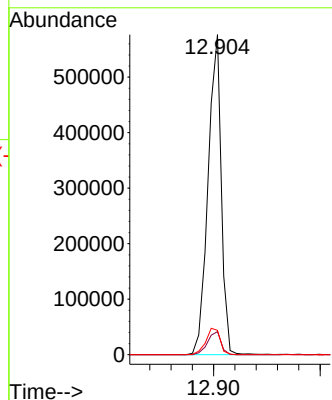
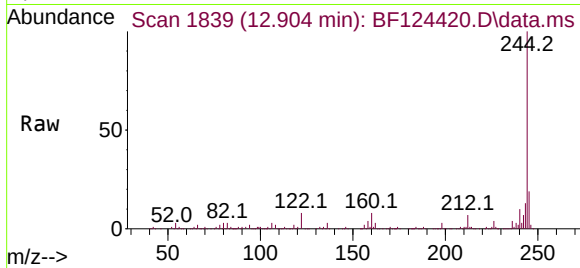




#79
 Terphenyl-d14
 Concen: 67.80 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF124420.D
 Acq: 22 Jun 2021 19:33

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-SLAB-1-2

Tgt Ion:244 Resp: 497787
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 7.6 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.012 min
 Lab File: BF124420.D
 Acq: 22 Jun 2021 19:33

Tgt Ion:264 Resp: 86780
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.7 28.1
 265 20.9 17.8 26.8

