

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047288.D
 Acq On : 11 Nov 2020 17:23
 Operator : CG/JU
 Sample : L4688-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BF-CONCRETE

Quant Time: Nov 12 02:08:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

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

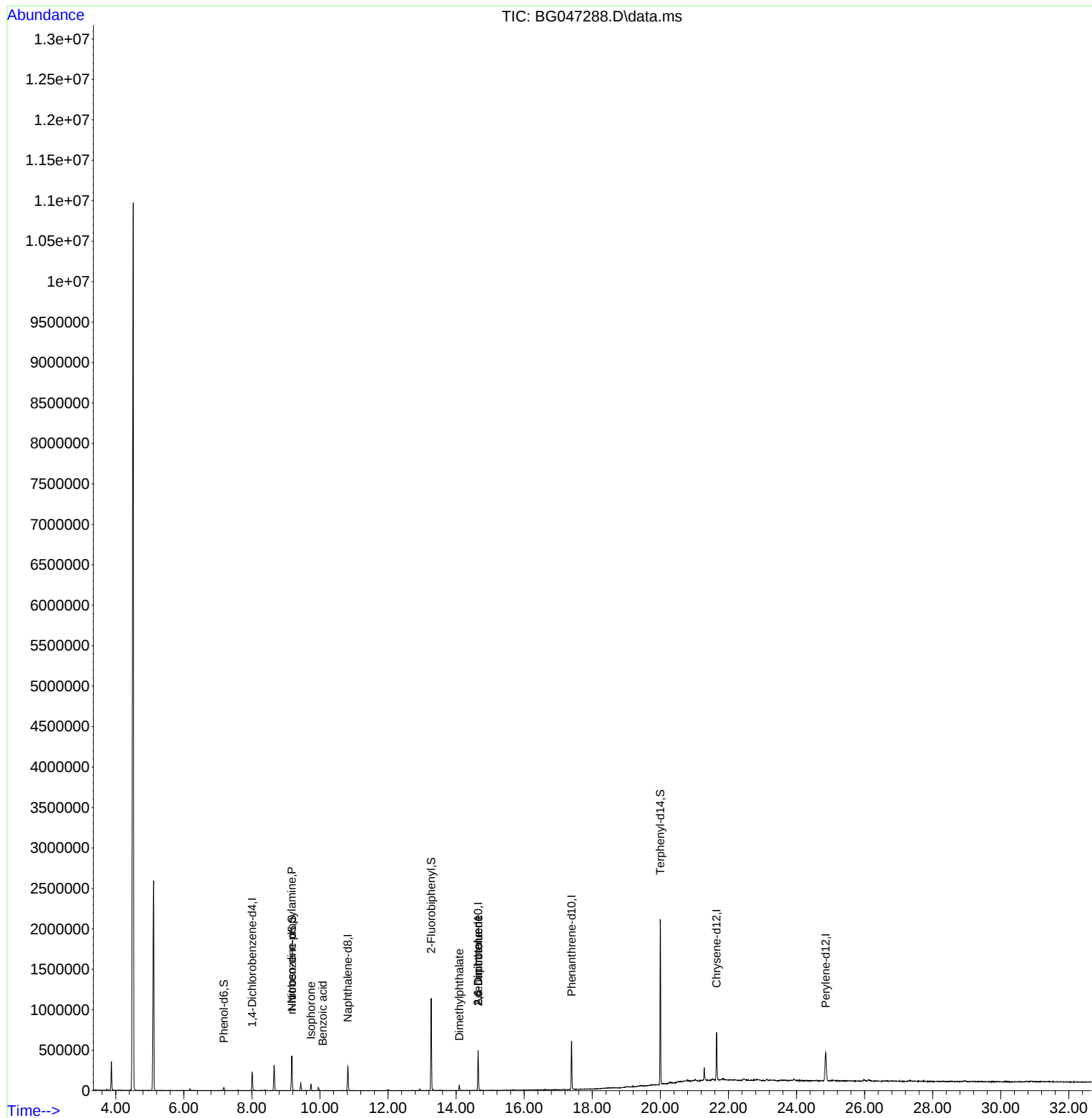
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	60621	20.00	ng	# 0.00
21) Naphthalene-d8	10.819	136	244184	20.00	ng	# 0.00
39) Acenaphthene-d10	14.644	164	171803	20.00	ng	0.00
64) Phenanthrene-d10	17.394	188	396410	20.00	ng	# 0.00
76) Chrysene-d12	21.654	240	353456	20.00	ng	# 0.00
86) Perylene-d12	24.856	264	369258	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.578	112	1145	0.31	ng	0.02
7) Phenol-d6	7.176	99	18647	3.44	ng	0.02
23) Nitrobenzene-d5	9.174	82	245363	43.12	ng	0.00
42) 2,4,6-Tribromophenol	15.672	330	64	0.02	ng	-0.46
45) 2-Fluorobiphenyl	13.269	172	582555	43.49	ng	0.00
79) Terphenyl-d14	19.997	244	890626	44.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.168	70	35282	9.92	ng	# 78
25) Isophorone	9.738	82	54454	5.59	ng	# 93
32) Benzoic acid	10.085	122	53	4.76	ng	# 1
50) Dimethylphthalate	14.092	163	40559	2.67	ng	# 95
51) 2,6-Dinitrotoluene	14.644	165	22913	7.28	ng	# 35
57) 2,4-Dinitrotoluene	14.644	165	22914	4.99	ng	# 33

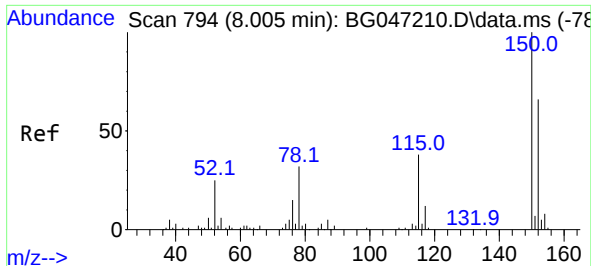
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
Data File : BG047288.D
Acq On : 11 Nov 2020 17:23
Operator : CG/JU
Sample : L4688-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BF-CONCRETE

Quant Time: Nov 12 02:08:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 04 16:19:40 2020
Response via : Initial Calibration

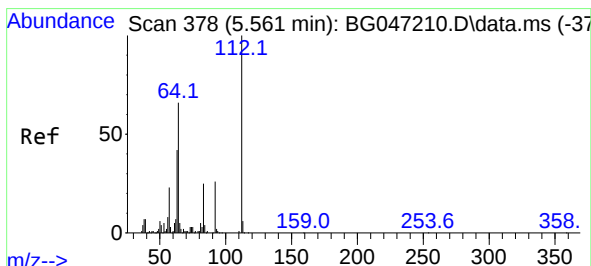
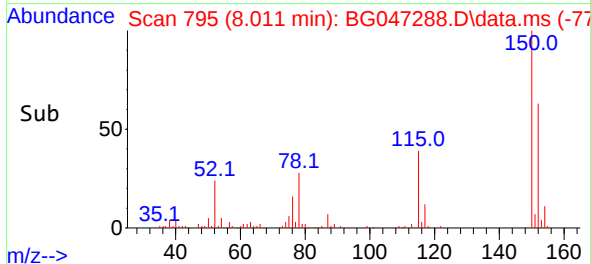
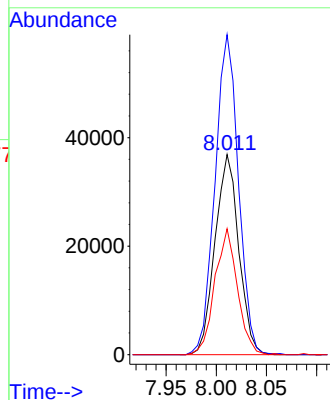
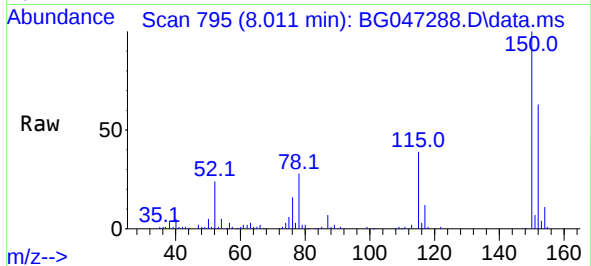




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.011 min Scan# 795
Delta R.T. 0.006 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

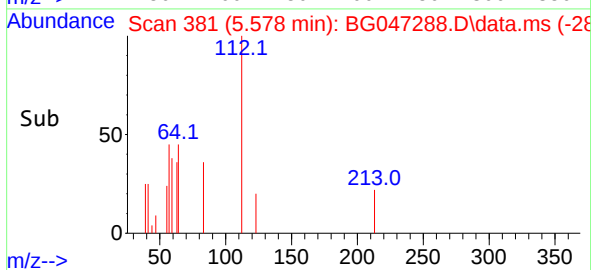
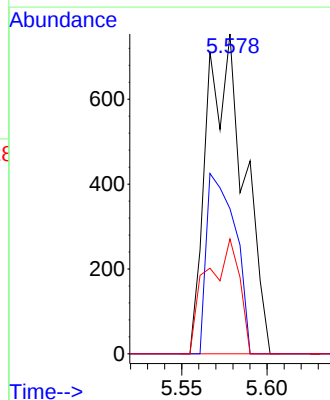
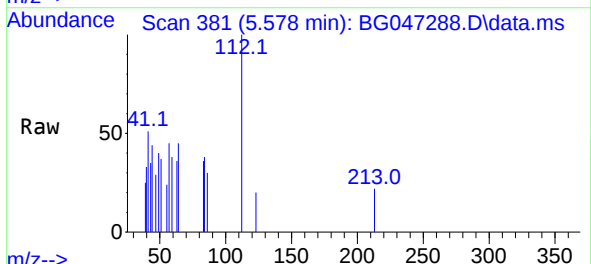
Instrument :
BNA_G
ClientSampleId :
BF-CONCRETE

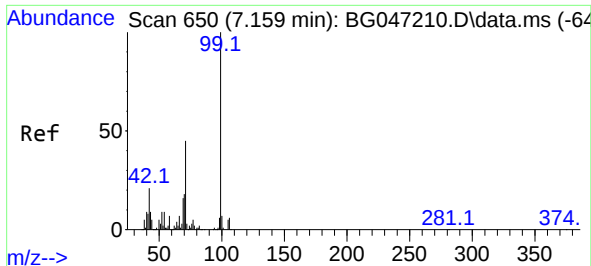
Tgt Ion:152 Resp: 60621
Ion Ratio Lower Upper
152 100
150 159.8 125.0 187.6
115 62.9 41.8 62.6#



#5
2-Fluorophenol
Concen: 0.31 ng
RT: 5.578 min Scan# 381
Delta R.T. 0.017 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion:112 Resp: 1145
Ion Ratio Lower Upper
112 100
64 45.4 46.7 70.1#
63 35.9 22.8 34.2#

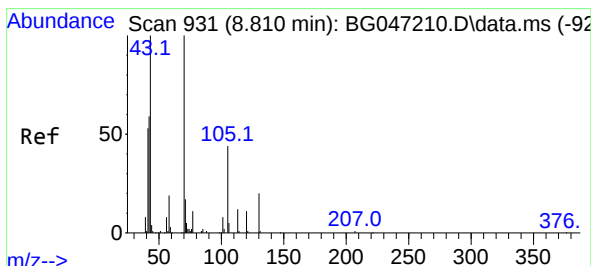
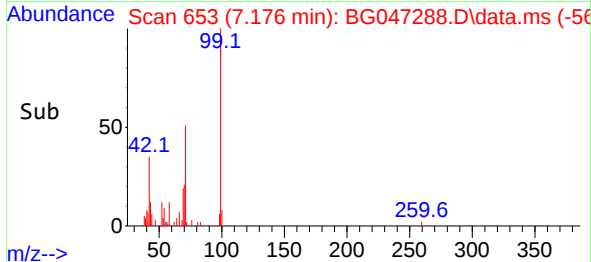
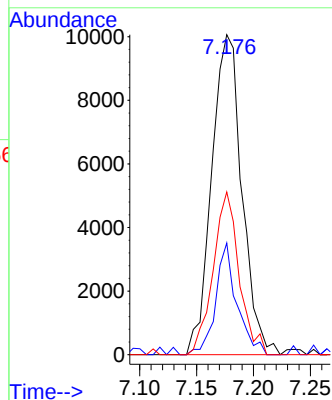
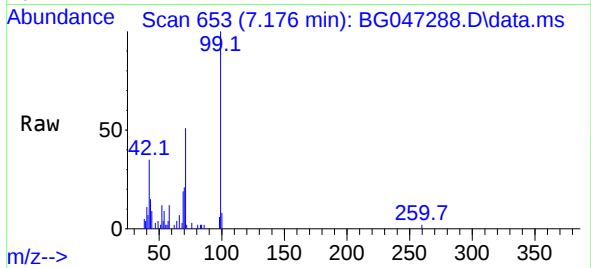




#7
Phenol-d6
Concen: 3.44 ng
RT: 7.176 min Scan# 653
Delta R.T. 0.017 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

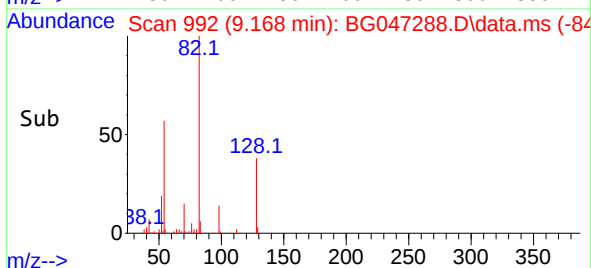
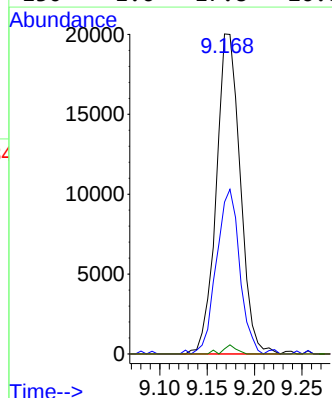
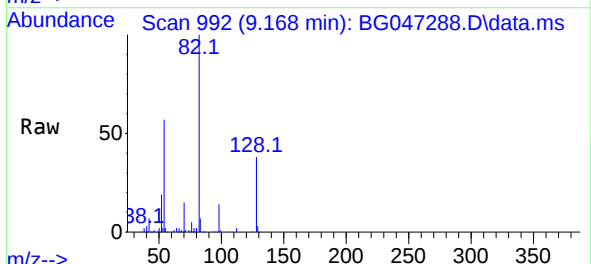
Instrument :
BNA_G
ClientSampleId :
BF-CONCRETE

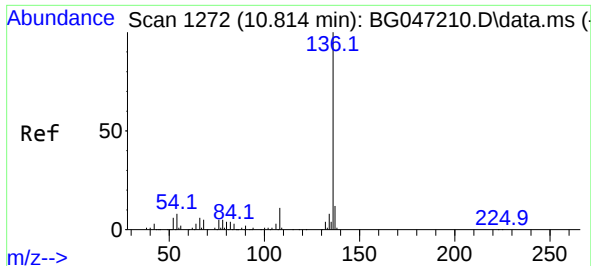
Tgt Ion: 99 Resp: 18647
Ion Ratio Lower Upper
99 100
42 34.9 12.8 19.2#
71 50.8 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 9.92 ng
RT: 9.168 min Scan# 992
Delta R.T. 0.358 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion: 70 Resp: 35282
Ion Ratio Lower Upper
70 100
42 47.5 45.6 68.4
101 0.0 8.4 12.6#
130 1.6 17.8 26.8#

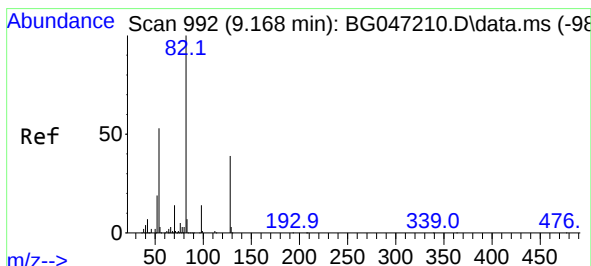
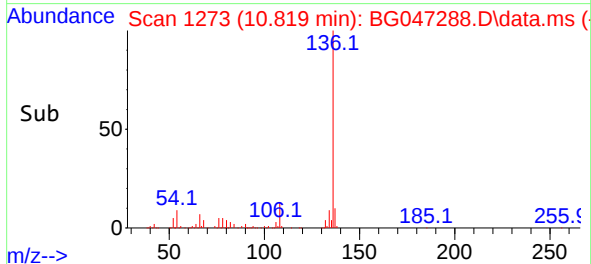
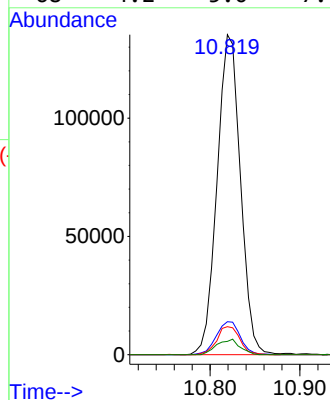
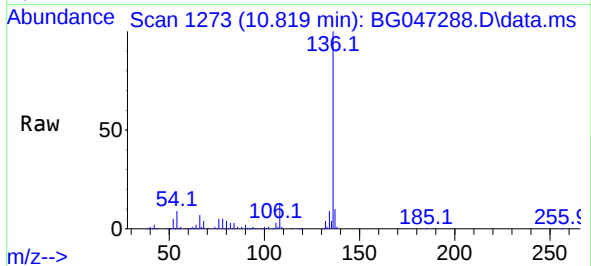




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.819 min Scan# 1273
Delta R.T. 0.005 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

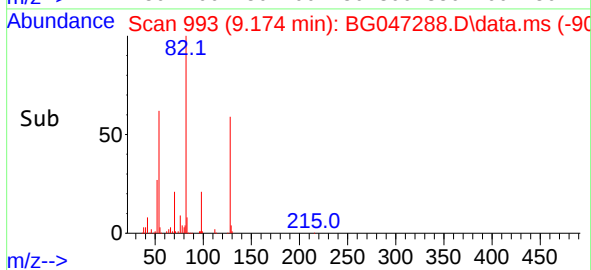
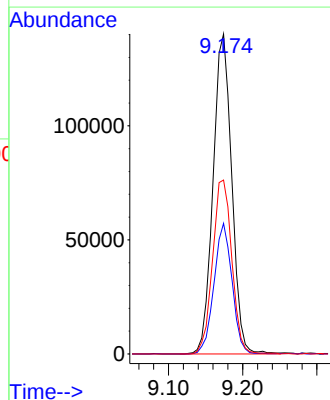
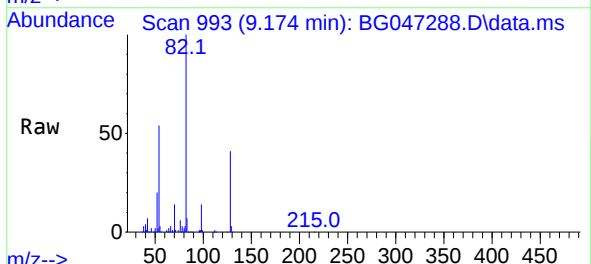
Instrument :
BNA_G
ClientSampleId :
BF-CONCRETE

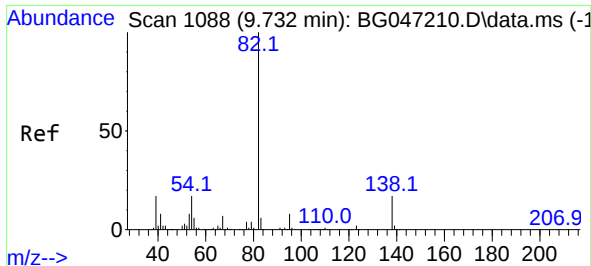
Tgt Ion:	136	Resp:	244184
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	8.7	6.2	9.4
68	4.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 43.12 ng
RT: 9.174 min Scan# 993
Delta R.T. 0.006 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion:	82	Resp:	245363
Ion	Ratio	Lower	Upper
82	100		
128	40.8	37.0	55.6
54	54.4	39.0	58.4

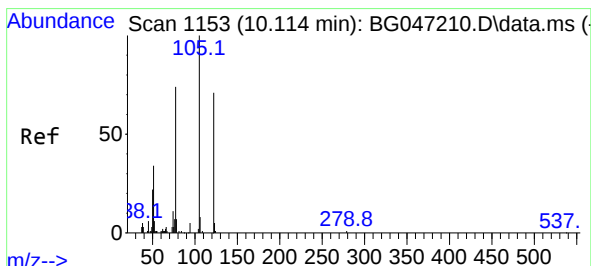
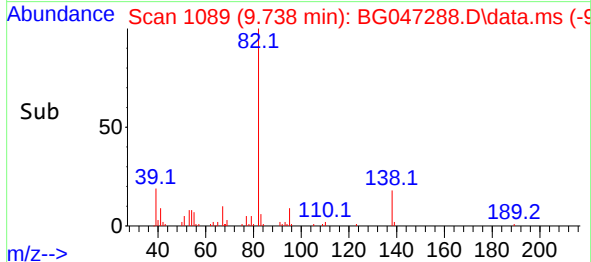
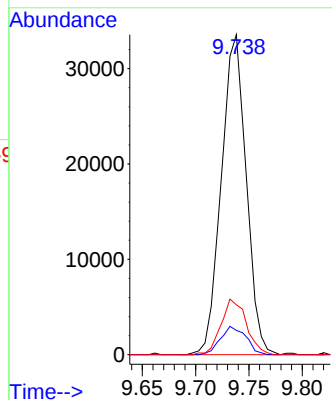
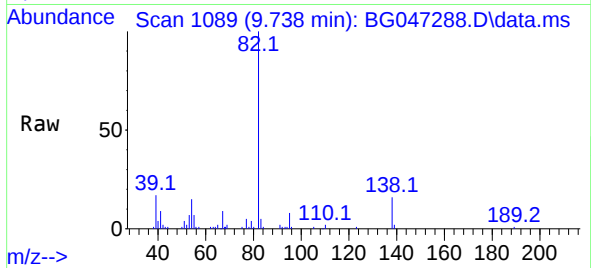




#25
Isophorone
Concen: 5.59 ng
RT: 9.738 min Scan# 1089
Delta R.T. 0.006 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

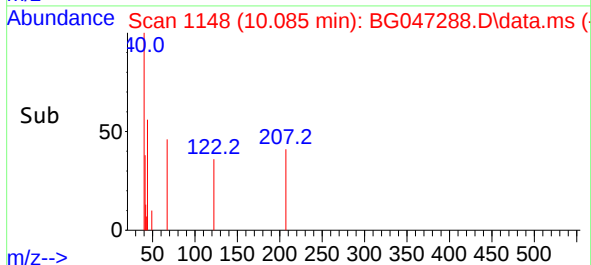
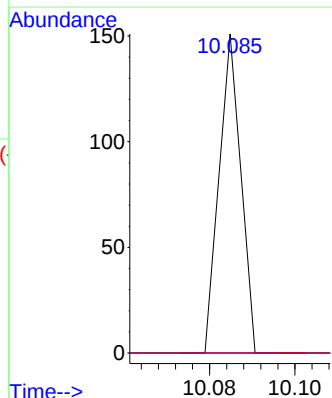
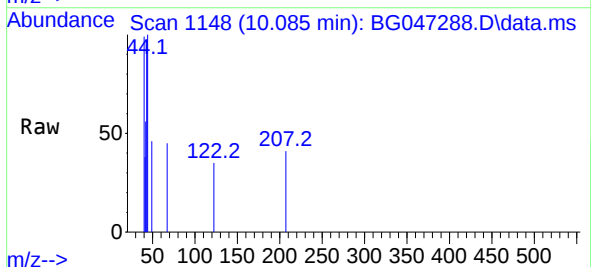
Instrument :
BNA_G
ClientSampleId :
BF-CONCRETE

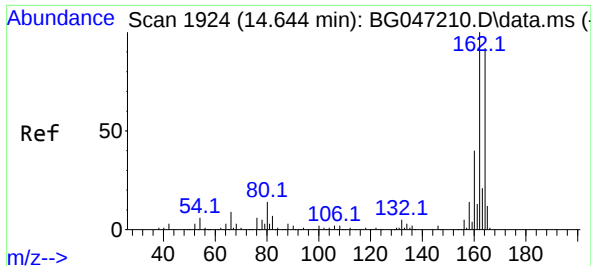
Tgt Ion: 82 Resp: 54454
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 15.6 15.8 23.6#



#32
Benzoic acid
Concen: 4.76 ng
RT: 10.085 min Scan# 1148
Delta R.T. -0.029 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion: 122 Resp: 53
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#



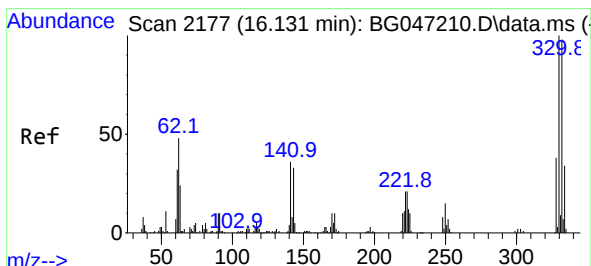
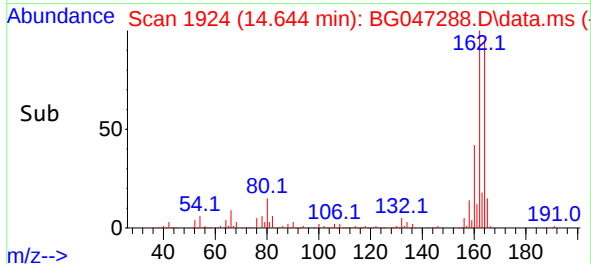
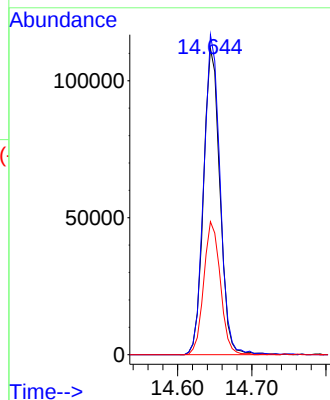
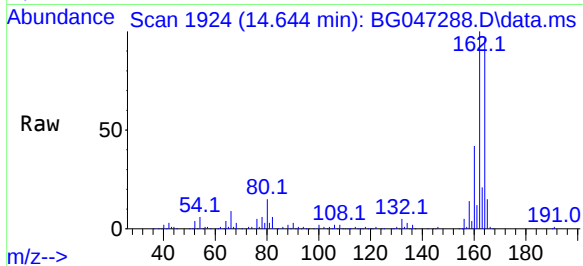


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.644 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Instrument :
BNA_G
ClientSampleId :
BF-CONCRETE

Tgt Ion:164 Resp: 171803

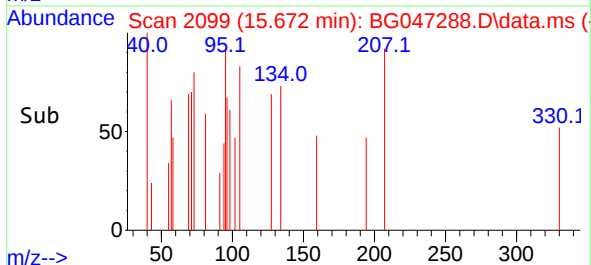
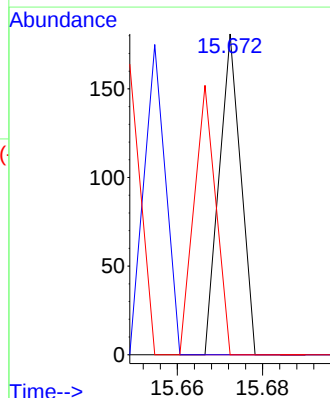
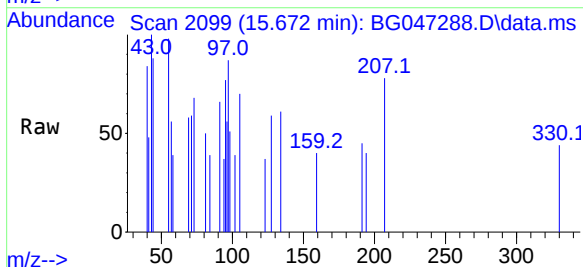
Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.3	123.5
160	43.4	35.3	52.9

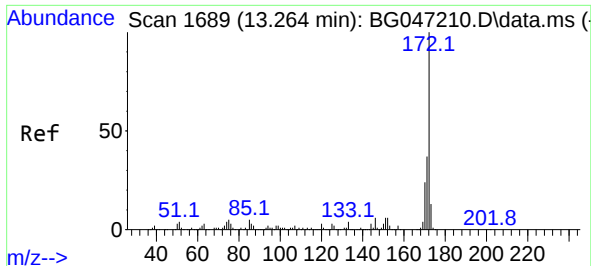


#42
2,4,6-Tribromophenol
Concen: 0.02 ng
RT: 15.672 min Scan# 2099
Delta R.T. -0.458 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion:330 Resp: 64

Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.5	114.7#
141	84.4	26.0	39.0#

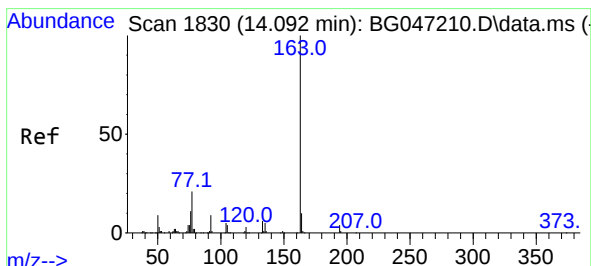
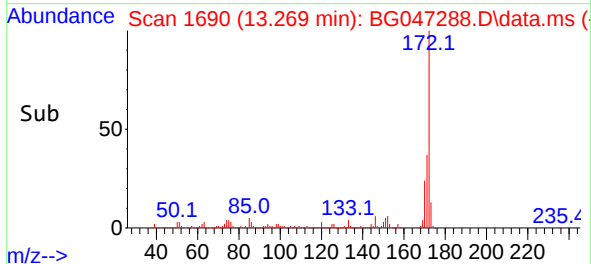
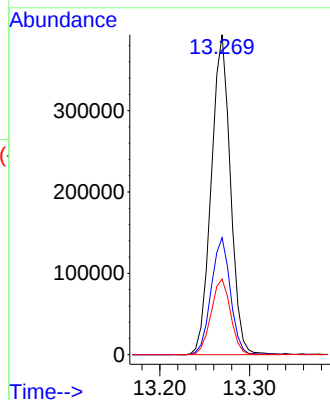
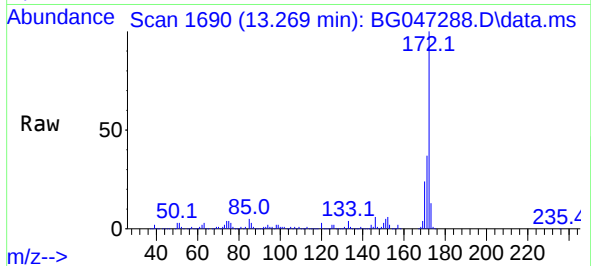




#45
2-Fluorobiphenyl
Concen: 43.49 ng
RT: 13.269 min Scan# 1690
Delta R.T. 0.006 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

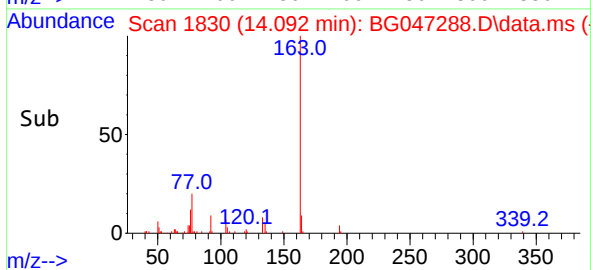
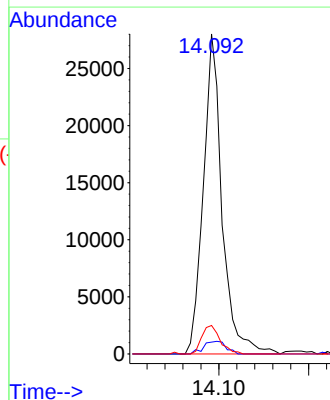
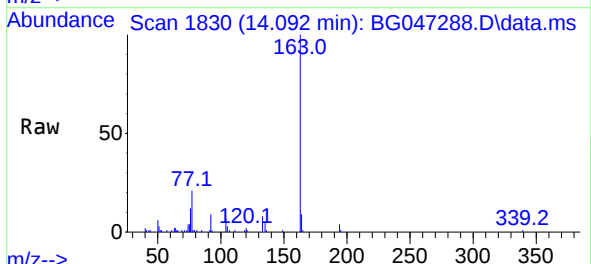
Instrument :
BNA_G
ClientSampleId :
BF-CONCRETE

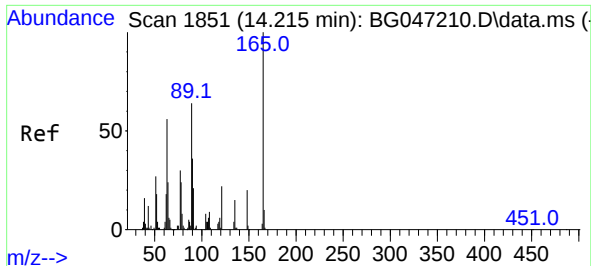
Tgt Ion:172	Resp: 582555
Ion Ratio	Lower Upper
172	100
171	36.6 31.3 46.9
170	23.6 20.8 31.2



#50
Dimethylphthalate
Concen: 2.67 ng
RT: 14.092 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion:163	Resp: 40559
Ion Ratio	Lower Upper
163	100
194	3.7 3.8 5.8#
164	8.9 8.8 13.2

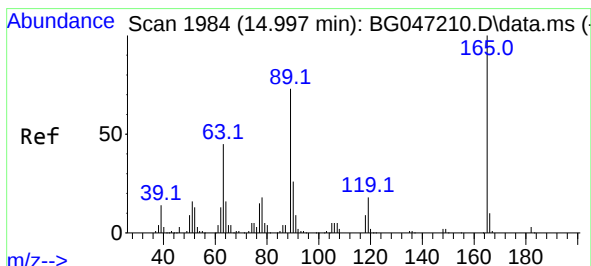
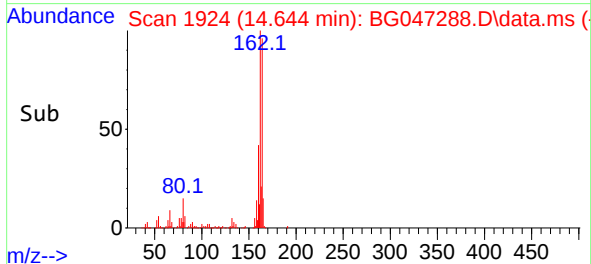
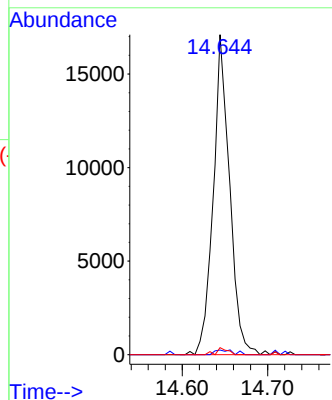
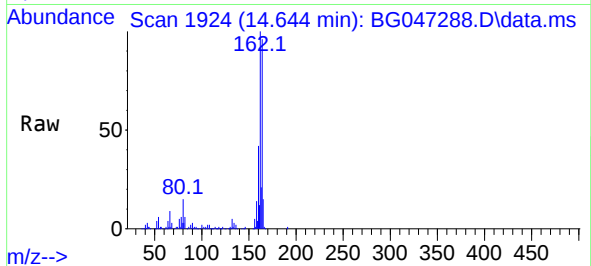




#51
2,6-Dinitrotoluene
Concen: 7.28 ng
RT: 14.644 min Scan# 1924
Delta R.T. 0.429 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

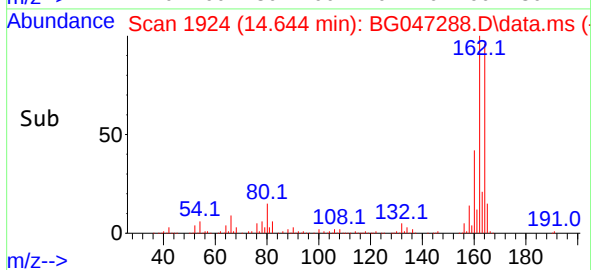
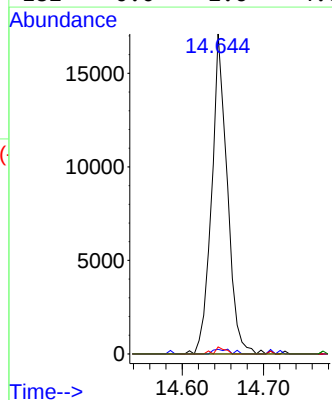
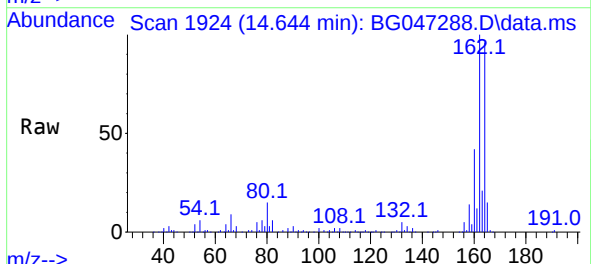
Instrument :
BNA_G
ClientSampleId :
BF-CONCRETE

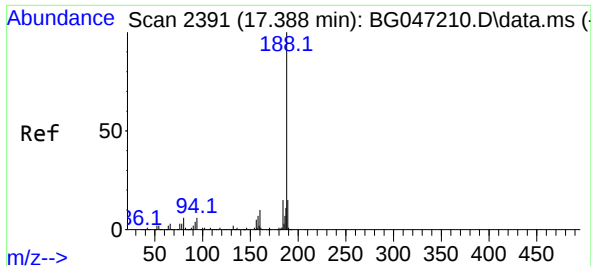
Tgt Ion:165	Resp:	22913
Ion Ratio	Lower	Upper
165	100	
63	1.5	33.7 50.5#
89	2.2	36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.99 ng
RT: 14.644 min Scan# 1924
Delta R.T. -0.353 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion:165	Resp:	22914
Ion Ratio	Lower	Upper
165	100	
63	1.5	26.4 39.6#
89	2.2	47.8 71.8#
182	0.0	2.6 4.0#

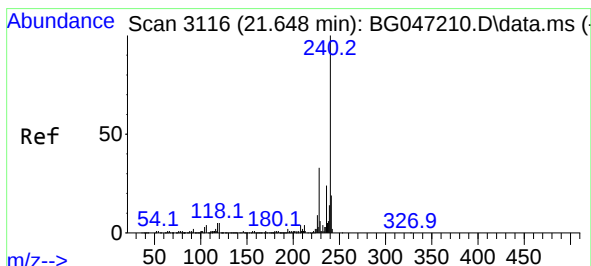
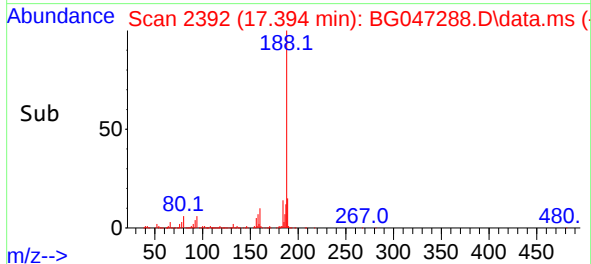
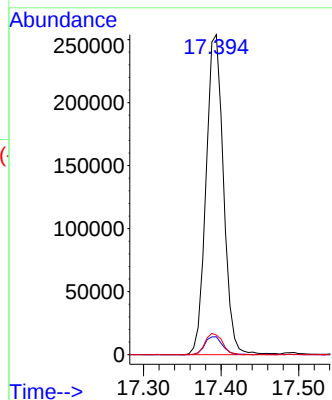
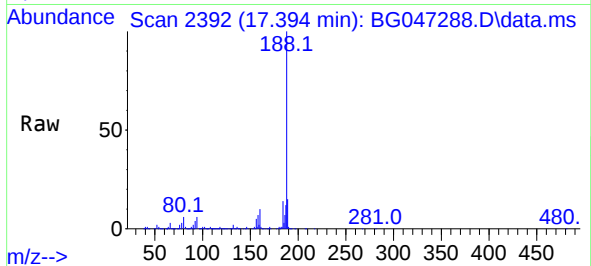




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.394 min Scan# 2392
Delta R.T. 0.006 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

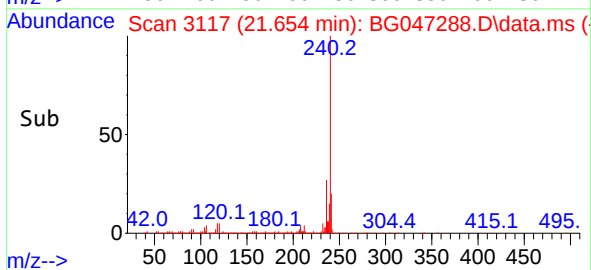
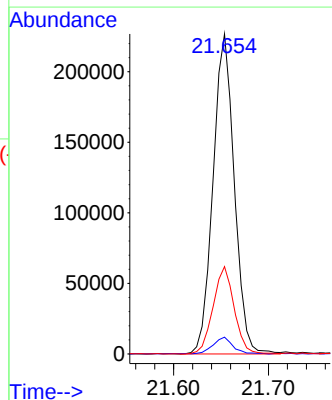
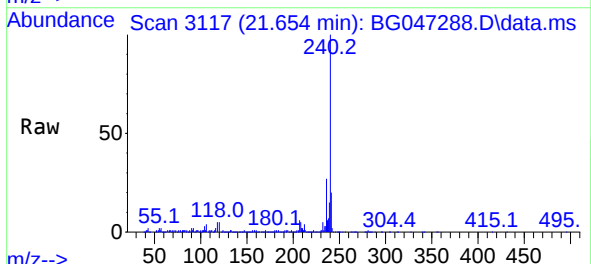
Instrument :
BNA_G
ClientSampleId :
BF-CONCRETE

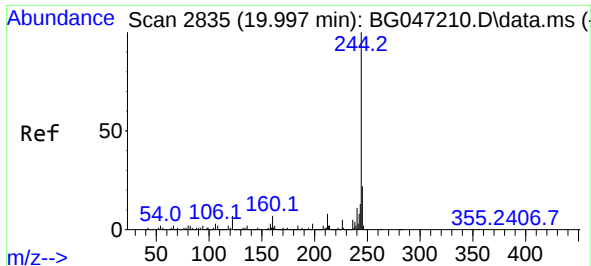
Tgt Ion:188 Resp: 396410
Ion Ratio Lower Upper
188 100
94 5.6 6.3 9.5#
80 6.2 7.0 10.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.654 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion:240 Resp: 353456
Ion Ratio Lower Upper
240 100
120 5.2 6.2 9.4#
236 27.3 20.5 30.7

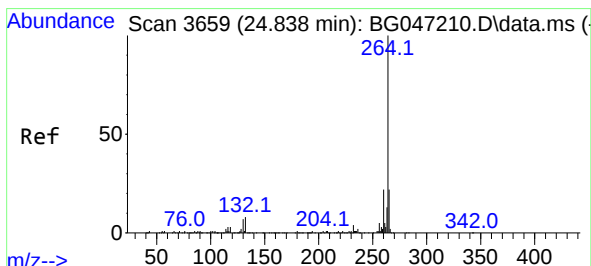
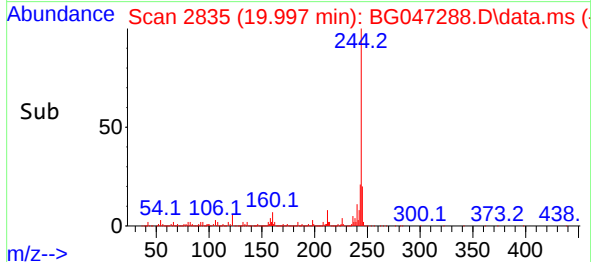
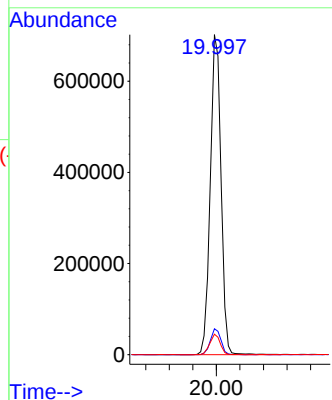
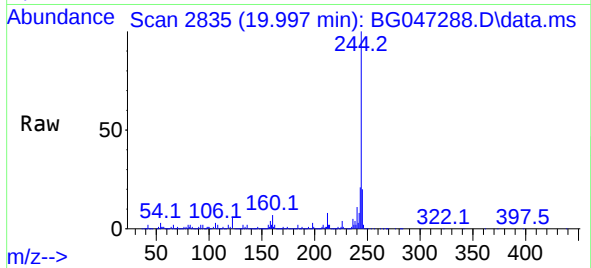




#79
Terphenyl-d14
Concen: 44.31 ng
RT: 19.997 min Scan# 2835
Delta R.T. -0.000 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Instrument :
BNA_G
ClientSampleId :
BF-CONCRETE

Tgt Ion:244 Resp: 890626
Ion Ratio Lower Upper
244 100
212 8.1 6.7 10.1
122 6.4 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.856 min Scan# 3662
Delta R.T. 0.017 min
Lab File: BG047288.D
Acq: 11 Nov 2020 17:23

Tgt Ion:264 Resp: 369258
Ion Ratio Lower Upper
264 100
260 23.1 18.8 28.2
265 22.0 17.8 26.8

