

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046536.D
 Acq On : 4 Sep 2020 11:41
 Operator : CG/JU
 Sample : L3887-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PILE

Quant Time: Sep 04 13:34:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	73262	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	275716	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	170246	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	386728	20.00	ng	0.00
76) Chrysene-d12	21.55	240	453304	20.00	ng	0.00
86) Perylene-d12	24.65	264	465752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	469178	113.43	ng	0.00
7) Phenol-d6	7.11	99	541137	92.29	ng	0.00
23) Nitrobenzene-d5	9.08	82	430188	89.18	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	264050	114.47	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	994295	89.16	ng	0.00
79) Terphenyl-d14	19.92	244	1594206	74.85	ng	0.00

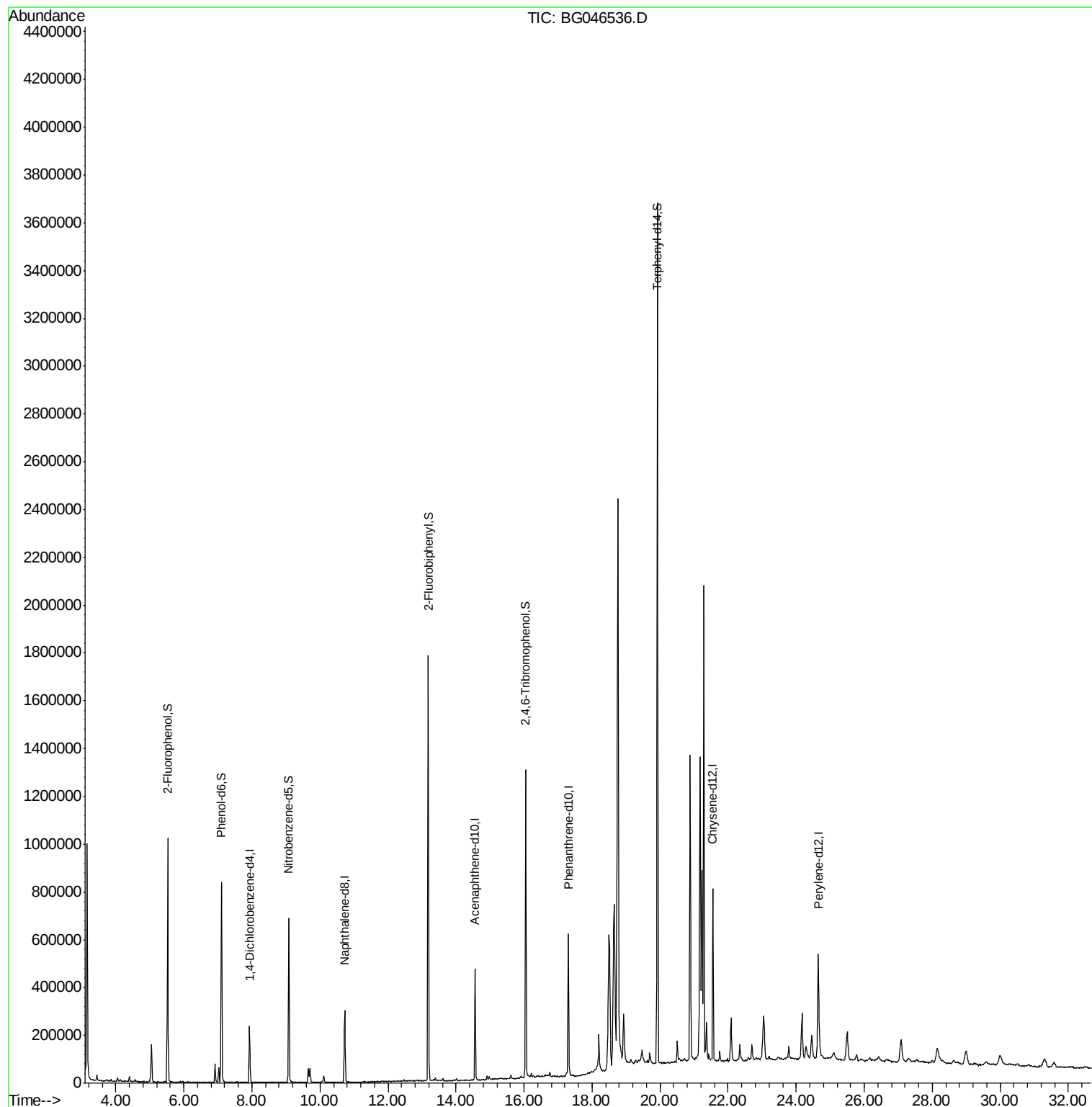
Target Compounds Qvalue

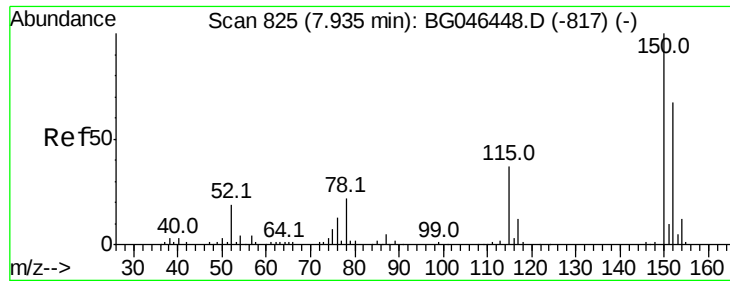
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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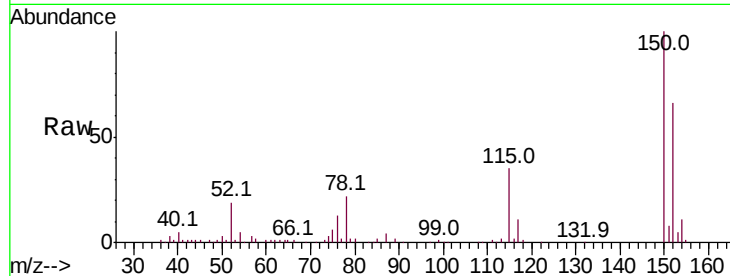


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG046536.D
 Acq: 4 Sep 2020 11:41

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PILE

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	119.5	179.3
115	53.1	44.3	66.5

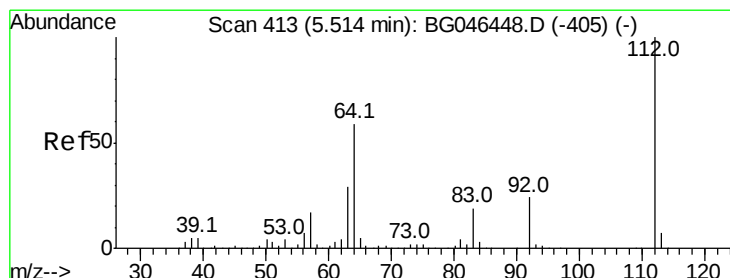
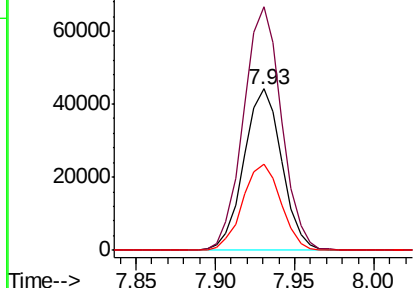
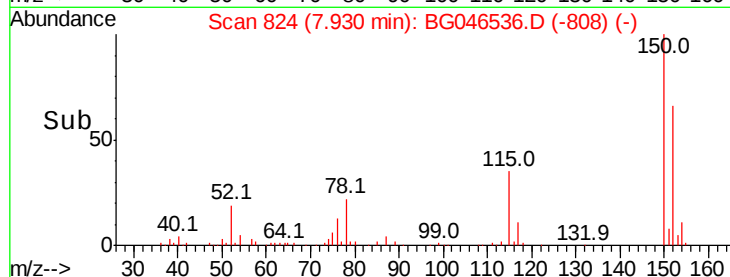


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

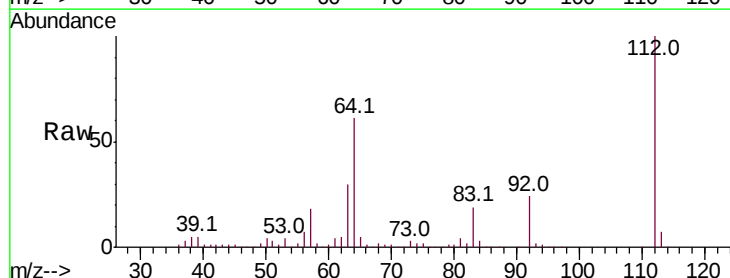
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 113.429 ng
 RT: 5.52 min Scan# 414
 Delta R.T. 0.01 min
 Lab File: BG046536.D
 Acq: 4 Sep 2020 11:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.0	70.6
63	30.2	23.5	35.3

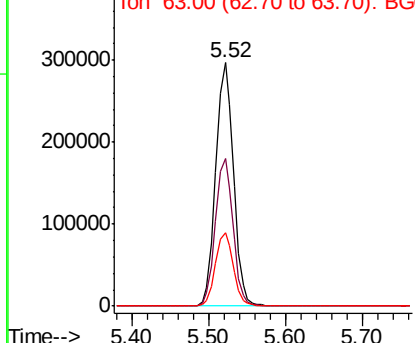
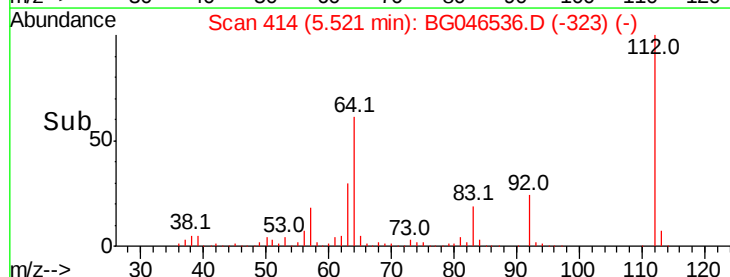


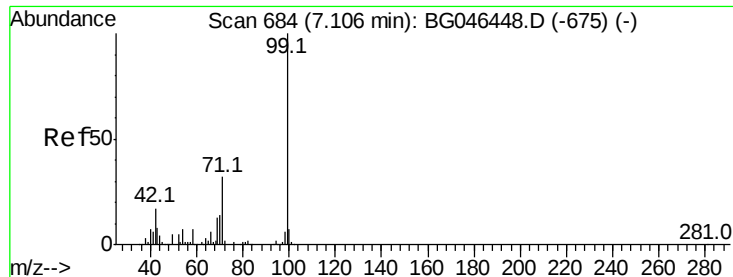
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 92.286 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046536.D

Acq: 4 Sep 2020 11:41

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PILE

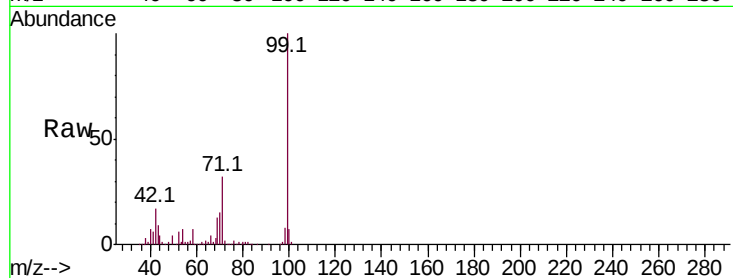
Tot Ion: 99 Resp: 541137

Ion Ratio Lower Upper

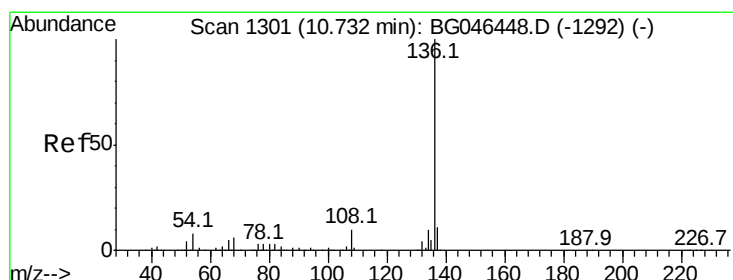
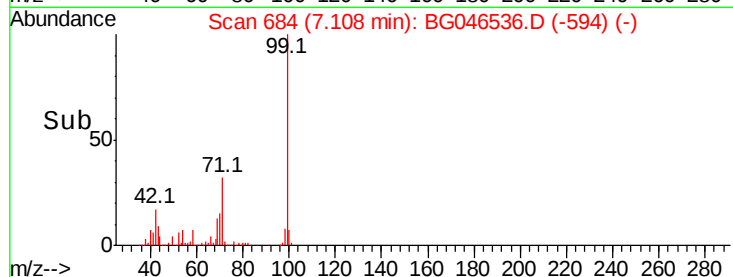
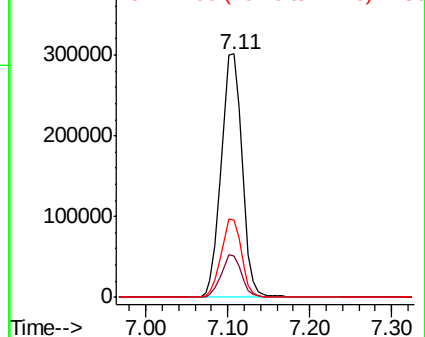
99 100

42 16.9 13.3 19.9

71 31.9 25.3 37.9



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG046536.D

Acq: 4 Sep 2020 11:41

Tgt Ion: 136 Resp: 275716

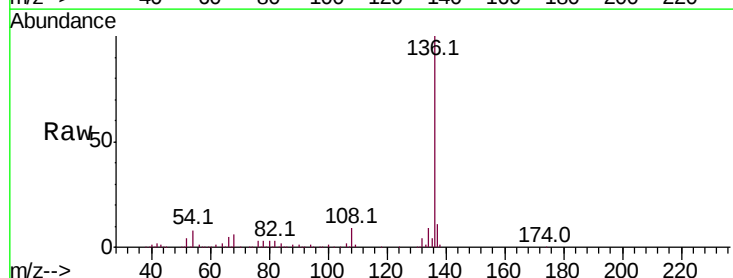
Ion Ratio Lower Upper

136 100

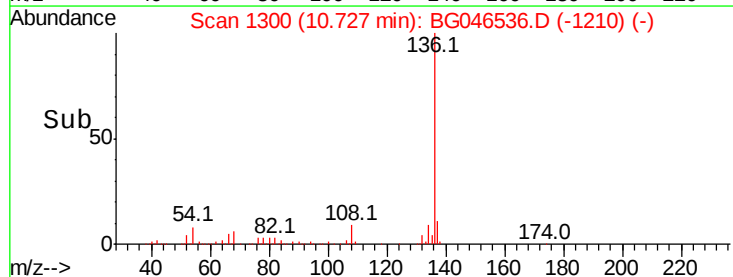
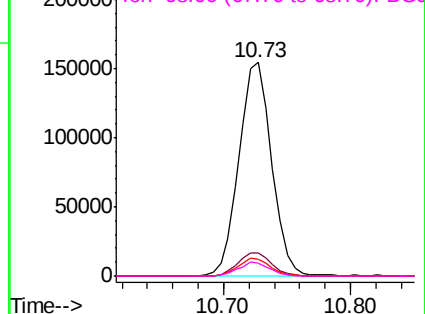
137 10.9 8.8 13.2

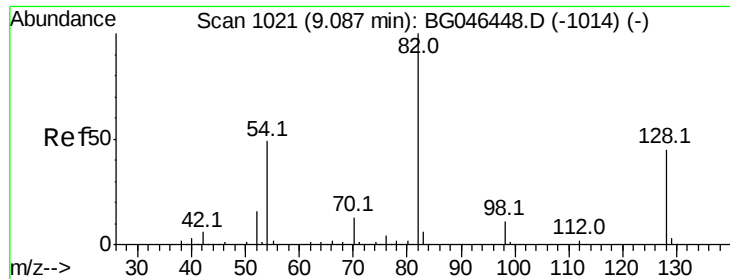
54 8.0 6.1 9.1

68 5.9 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

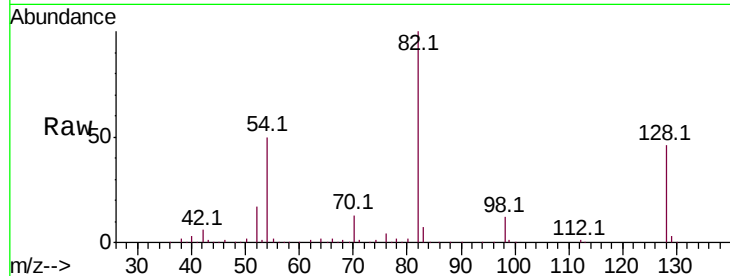




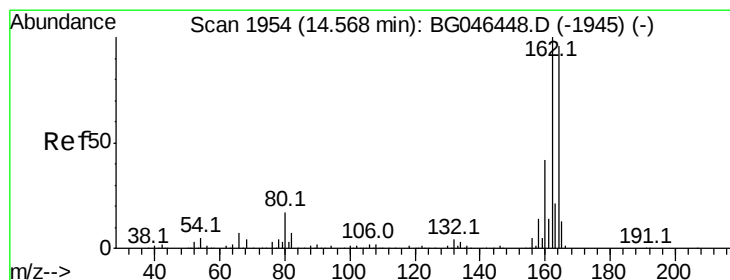
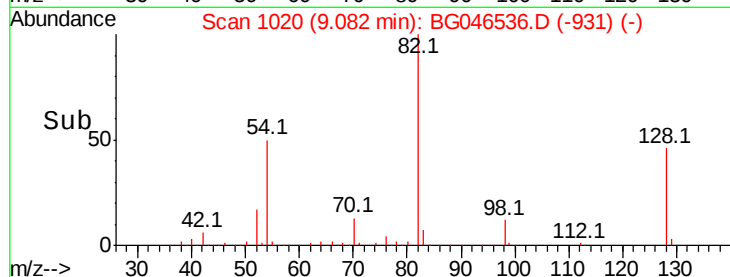
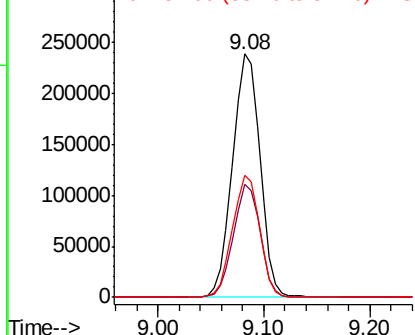
#23
Nitrobenzene-d5
Concen: 89.177 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046536.D
Acq: 4 Sep 2020 11:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-PILE

Tot Ion: 82 Resp: 430188
Ion Ratio Lower Upper
82 100
128 46.5 35.7 53.5
54 49.9 39.4 59.0

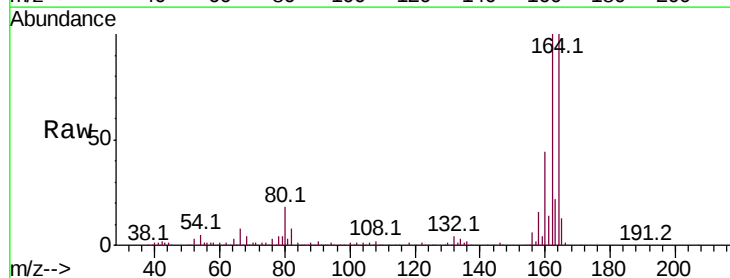


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

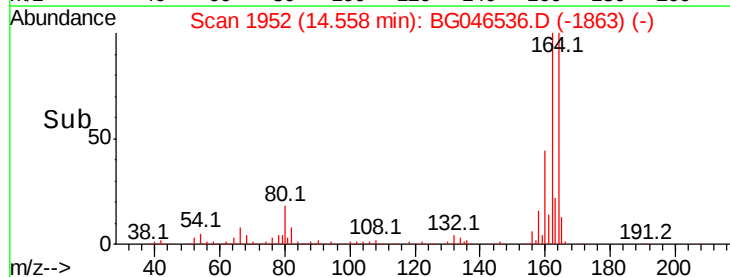
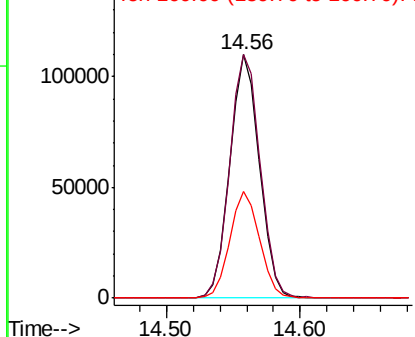


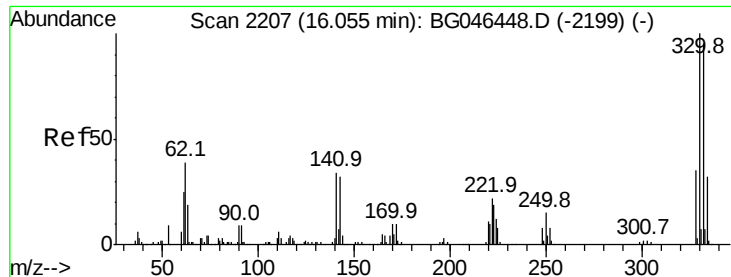
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG046536.D
Acq: 4 Sep 2020 11:41

Tgt Ion:164 Resp: 170246
Ion Ratio Lower Upper
164 100
162 99.8 83.3 124.9
160 43.9 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

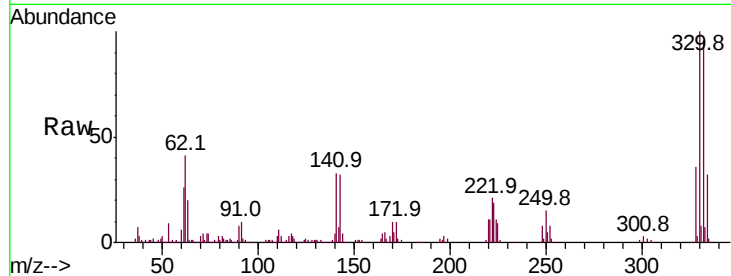




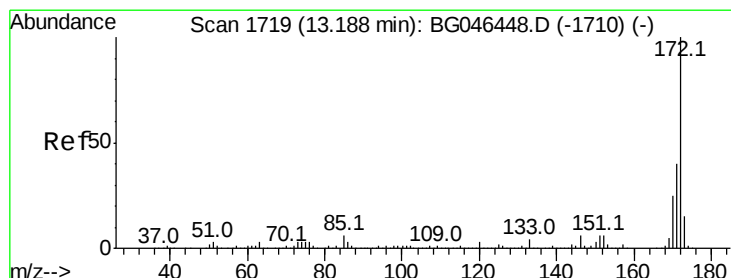
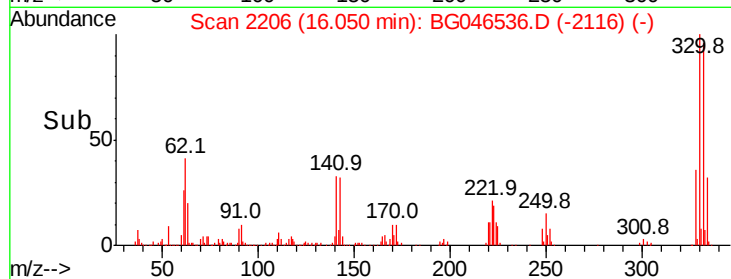
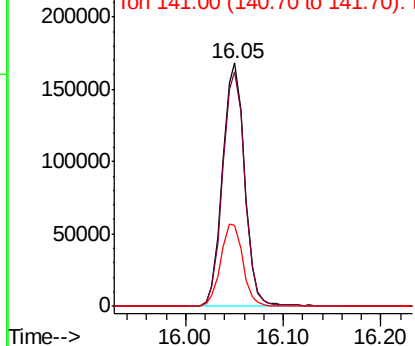
#42
 2,4,6-Tribromophenol
 Concen: 114.470 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BG046536.D
 Acq: 4 Sep 2020 11:41

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PILE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.1	114.1
141	34.3	26.1	39.1

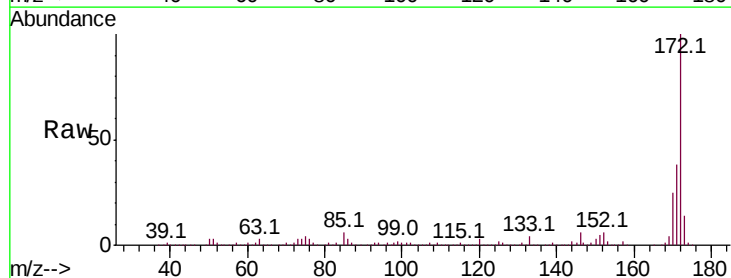


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

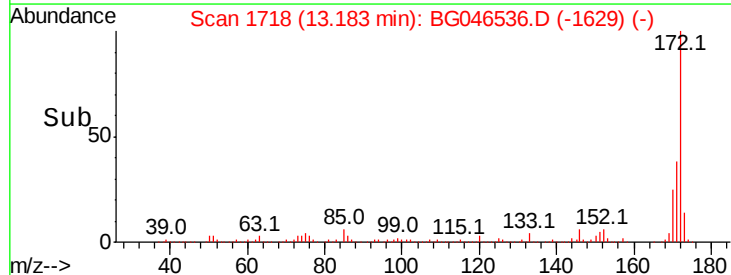
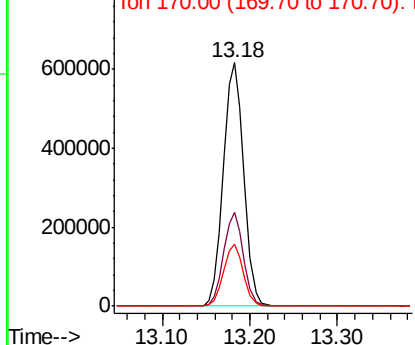


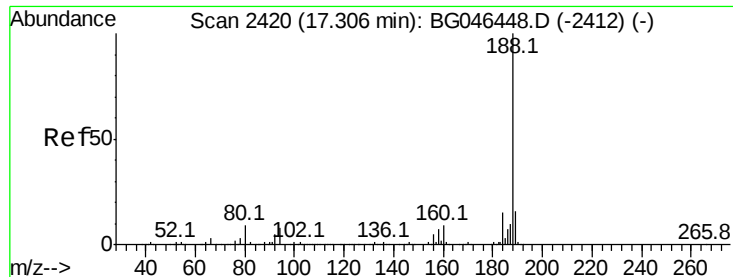
#45
 2-Fluorobiphenyl
 Concen: 89.156 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046536.D
 Acq: 4 Sep 2020 11:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.8	47.6
170	25.4	20.3	30.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

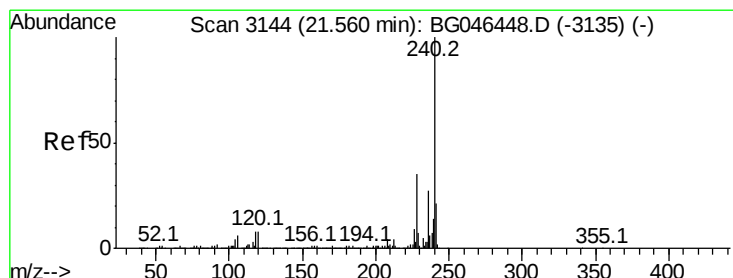
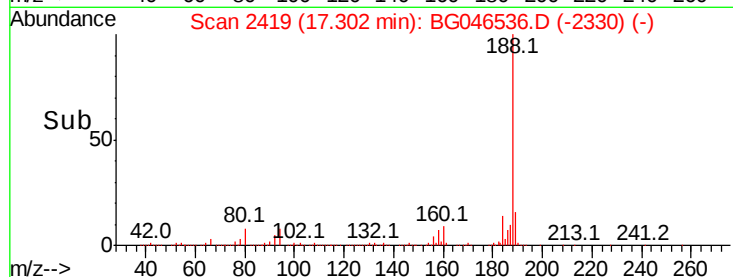
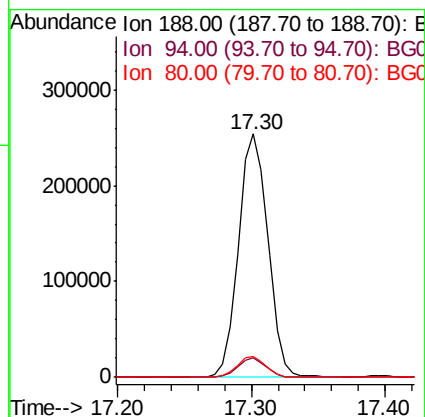
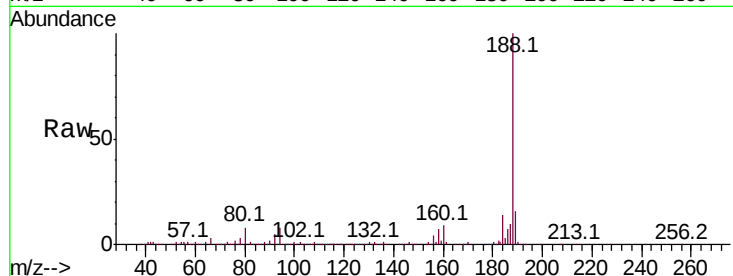




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046536.D
Acq: 4 Sep 2020 11:41

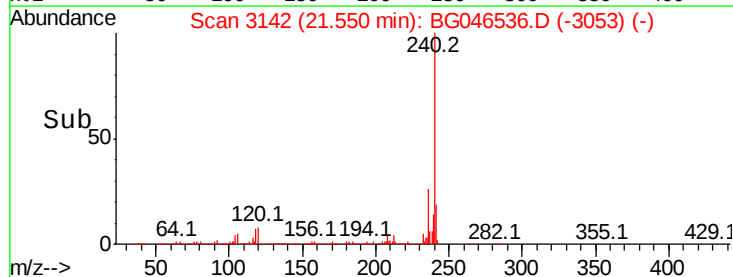
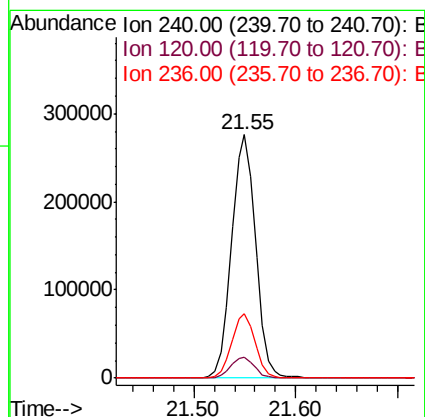
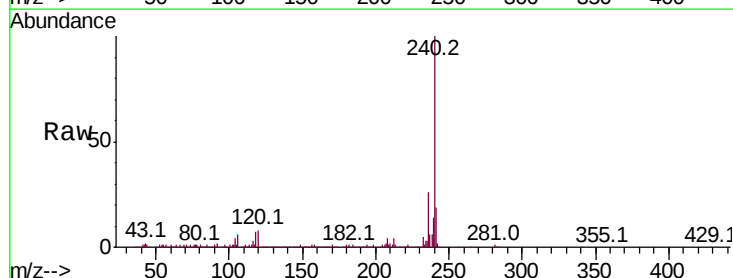
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PILE

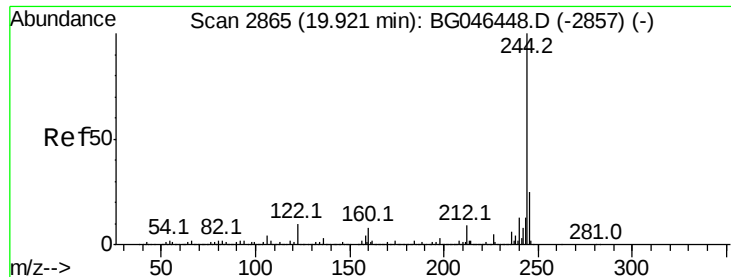
Tot Ion:188 Resp: 386728
Ion Ratio Lower Upper
188 100
94 8.0 6.3 9.5
80 8.4 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046536.D
Acq: 4 Sep 2020 11:41

Tgt Ion:240 Resp: 453304
Ion Ratio Lower Upper
240 100
120 8.4 6.6 10.0
236 26.2 21.4 32.2



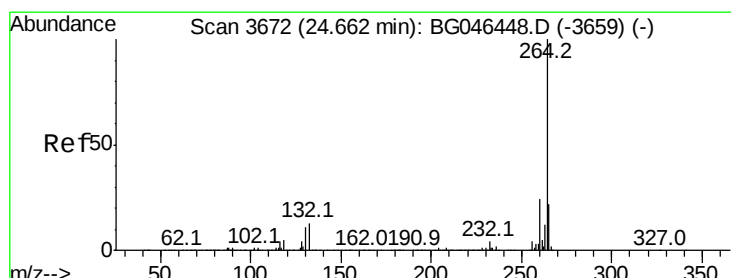
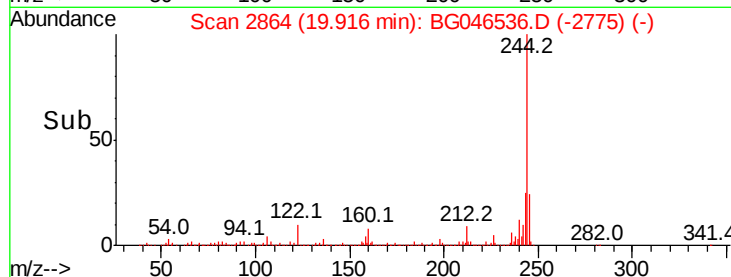
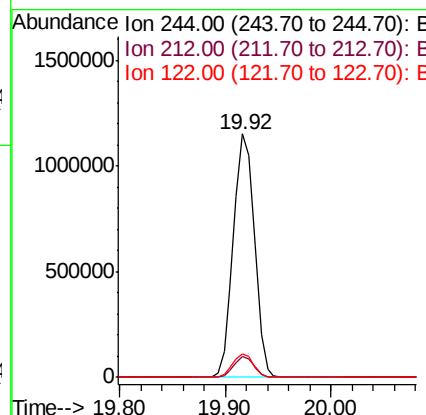
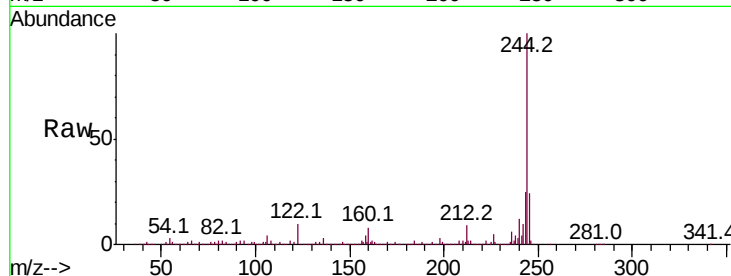


#79
 Terphenyl-d14
 Concen: 74.845 ng
 RT: 19.92 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BG046536.D
 Acq: 4 Sep 2020 11:41

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PILE

Tot Ion:244 Resp: 1594206

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	9.8	8.2	12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.65 min Scan# 3670
 Delta R.T. -0.00 min
 Lab File: BG046536.D
 Acq: 4 Sep 2020 11:41

Tgt Ion:264 Resp: 465752

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.1	17.9	26.9

