

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046532.D
 Acq On : 4 Sep 2020 1:35
 Operator : CG/JU
 Sample : L3887-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PILE

Quant Time: Sep 04 03:09:20 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	75232	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	306521	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	213356	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	506843	20.00	ng	0.00
76) Chrysene-d12	21.54	240	508040	20.00	ng	0.00
86) Perylene-d12	24.65	264	497508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	494583	116.44	ng	0.00
7) Phenol-d6	7.10	99	601917	99.96	ng	0.00
23) Nitrobenzene-d5	9.08	82	474464	88.47	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	336710	116.48	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1185033	84.79	ng	0.00
79) Terphenyl-d14	19.92	244	1868564	78.27	ng	0.00

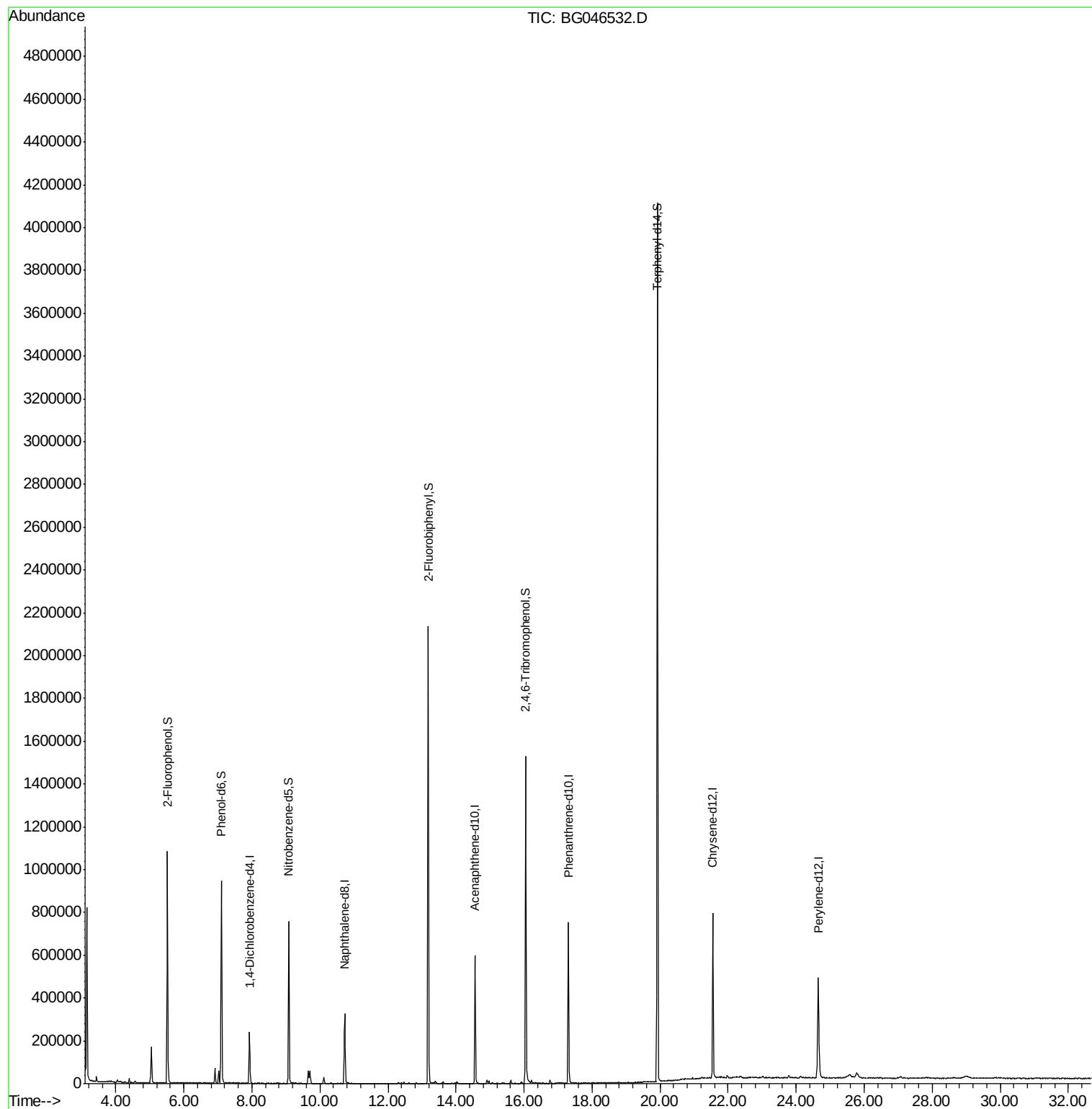
Target Compounds Qvalue

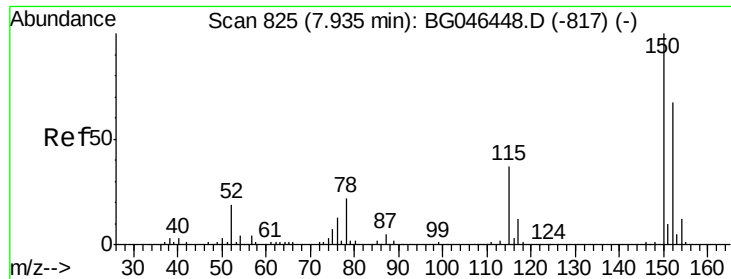
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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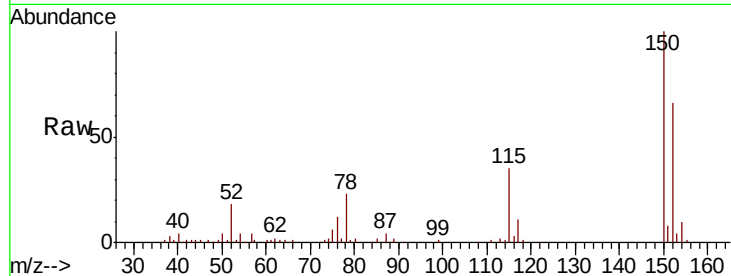


#1

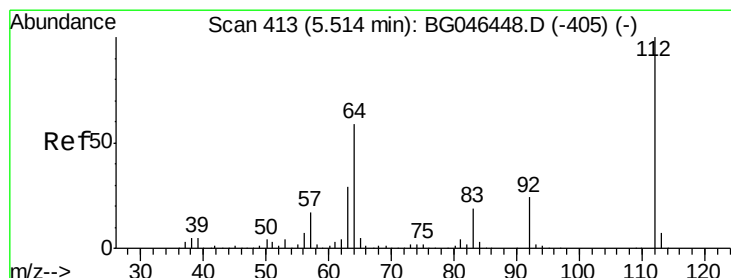
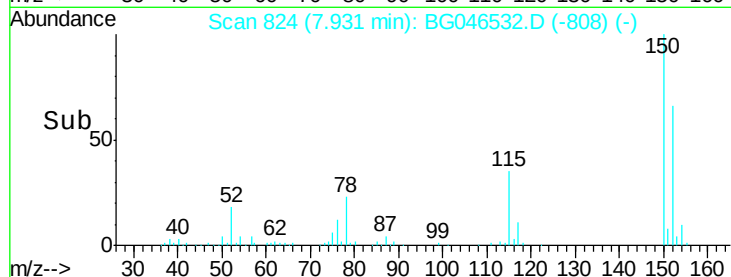
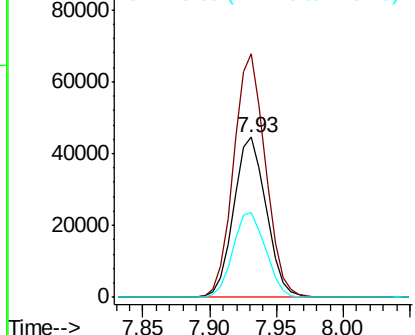
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046532.D
Acq: 4 Sep 2020 1:35

Instrument :
BNA_G
ClientSampleId :
CONCRETE-PILE

Tot Ion:152 Resp: 75232
Ion Ratio Lower Upper
152 100
150 152.3 119.5 179.3
115 52.8 44.3 66.5



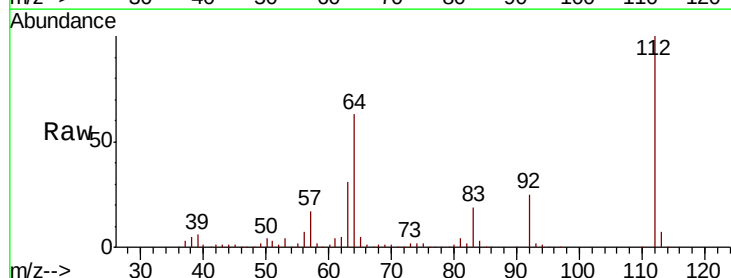
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



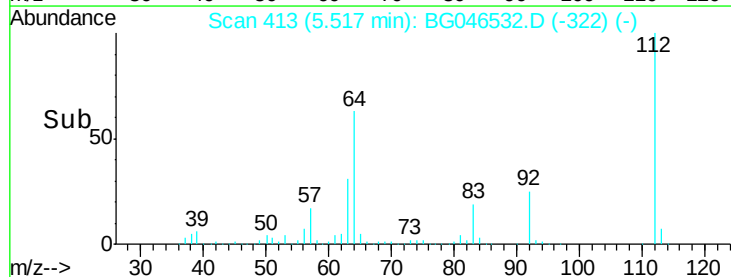
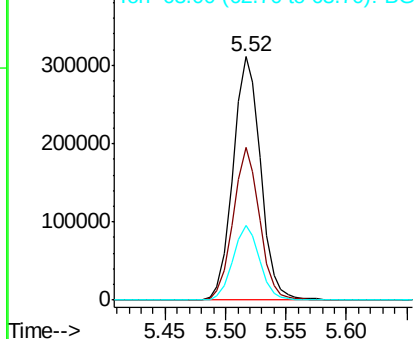
#5

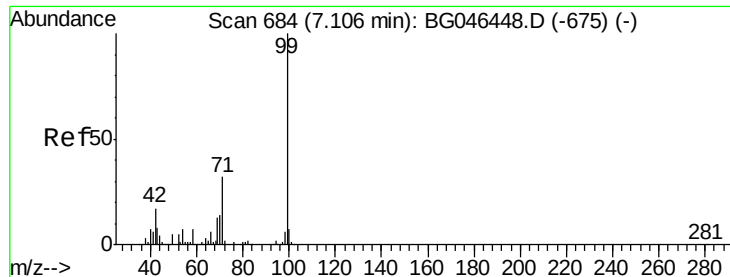
2-Fluorophenol
Concen: 116.440 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046532.D
Acq: 4 Sep 2020 1:35

Tgt Ion:112 Resp: 494583
Ion Ratio Lower Upper
112 100
64 62.8 47.0 70.6
63 30.5 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: 99.964 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046532.D

Acq: 4 Sep 2020 1:35

Instrument :

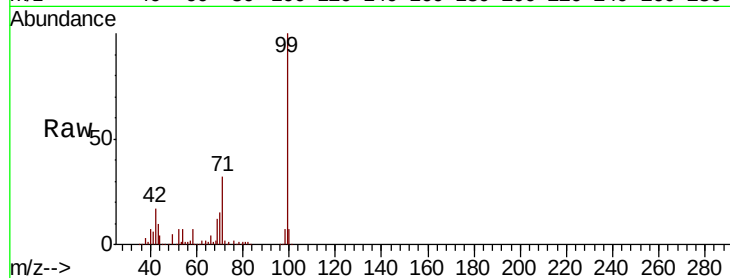
BNA_G

ClientSampleId :

CONCRETE-PILE

Tot Ion: 99 Resp: 601917

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.3	19.9
71	32.3	25.3	37.9

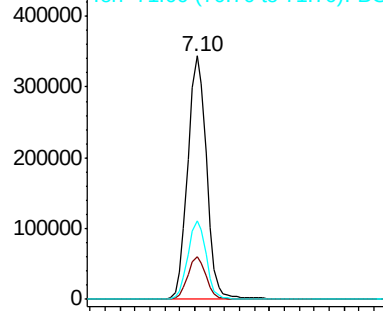


Abundance

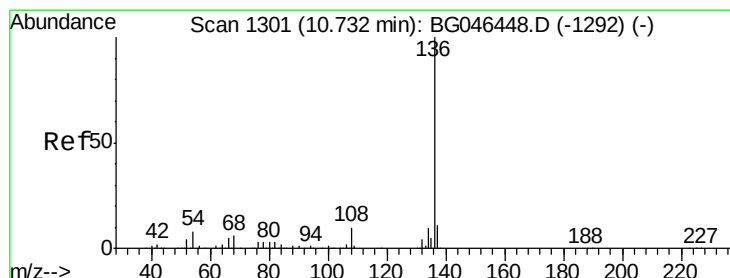
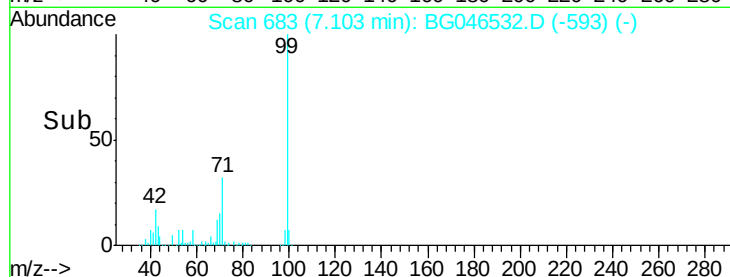
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

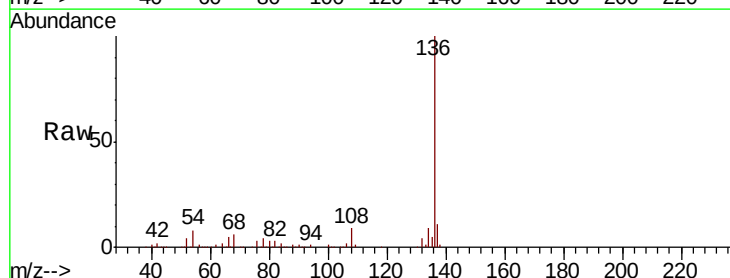
Delta R.T. 0.00 min

Lab File: BG046532.D

Acq: 4 Sep 2020 1:35

Tgt Ion: 136 Resp: 306521

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.1	6.1	9.1
68	5.5	4.8	7.2



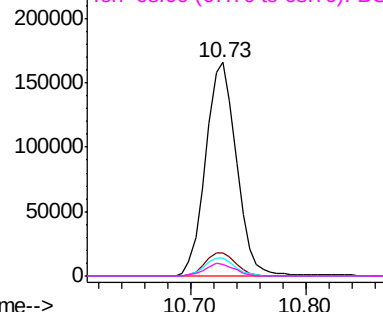
Abundance

Ion 136.00 (135.70 to 136.70): BGC

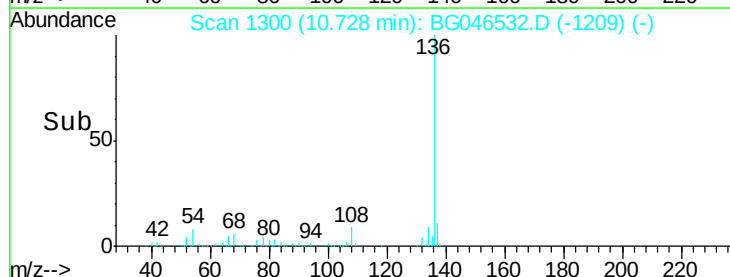
Ion 137.00 (136.70 to 137.70): BGC

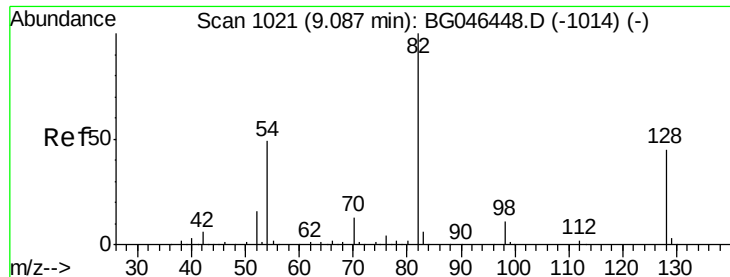
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

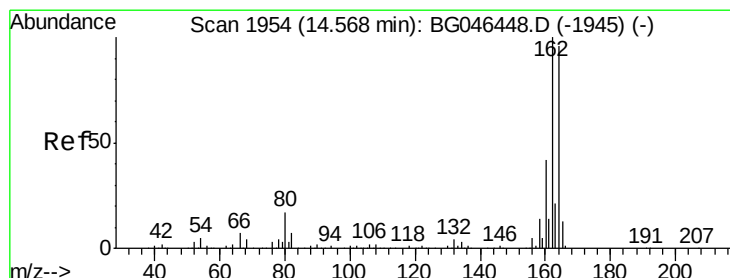
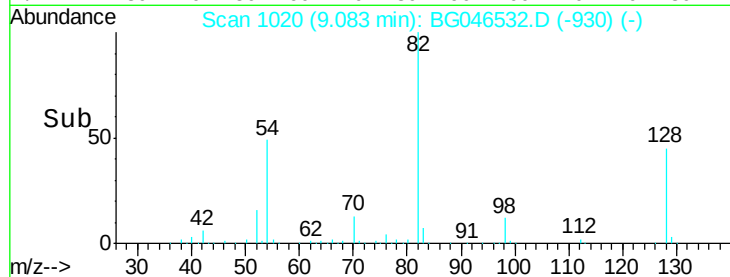
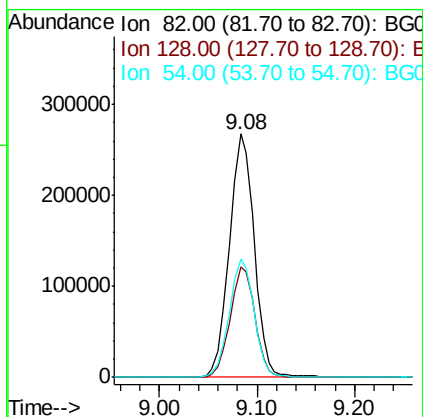
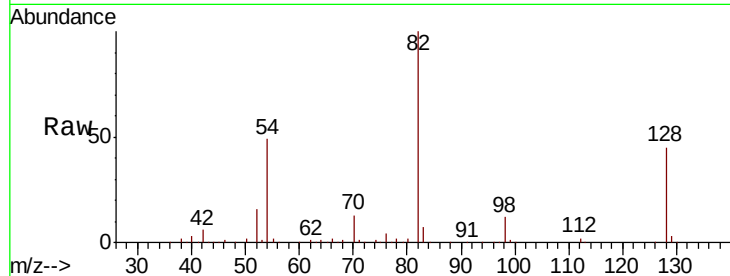




#23
 Nitrobenzene-d5
 Concen: 88.470 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046532.D
 Acq: 4 Sep 2020 1:35

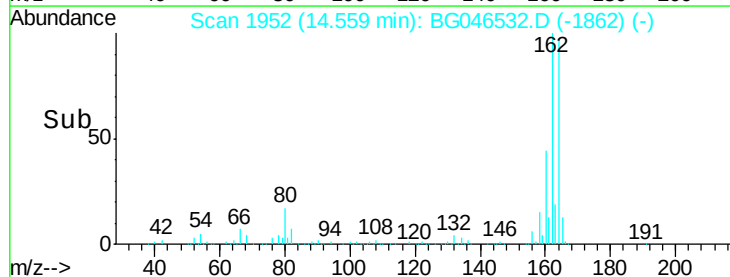
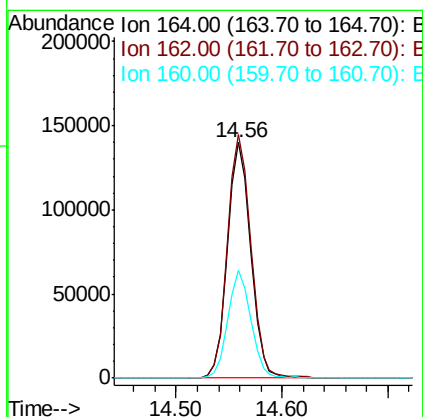
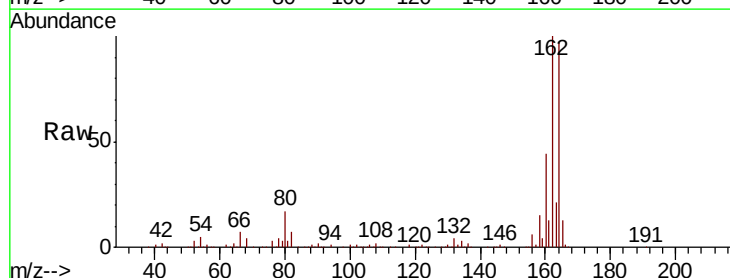
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PILE

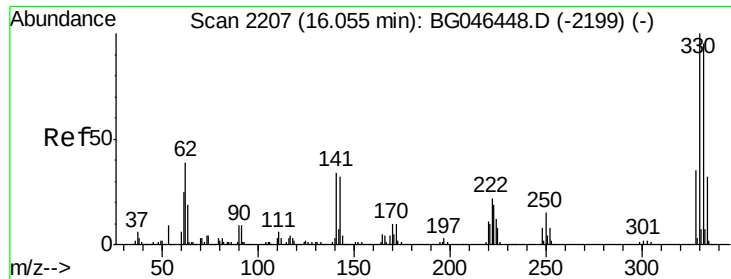
Tot Ion: 82 Resp: 474464
 Ion Ratio Lower Upper
 82 100
 128 45.5 35.7 53.5
 54 48.6 39.4 59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG046532.D
 Acq: 4 Sep 2020 1:35

Tgt Ion: 164 Resp: 213356
 Ion Ratio Lower Upper
 164 100
 162 103.2 83.3 124.9
 160 45.7 35.0 52.6

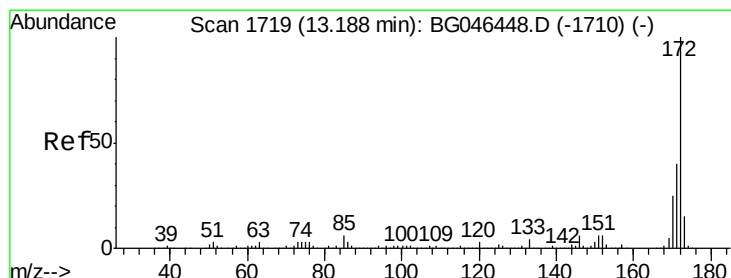
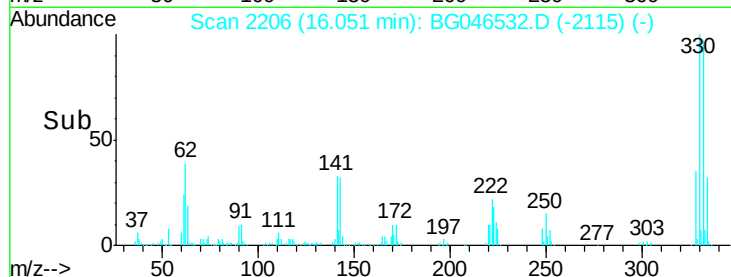
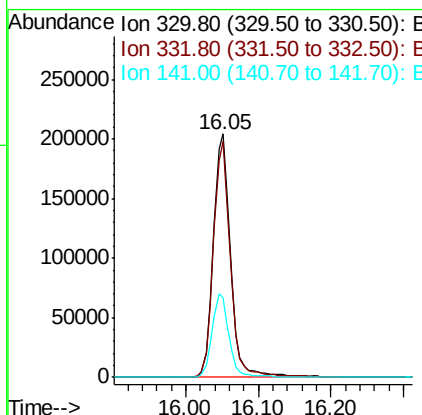
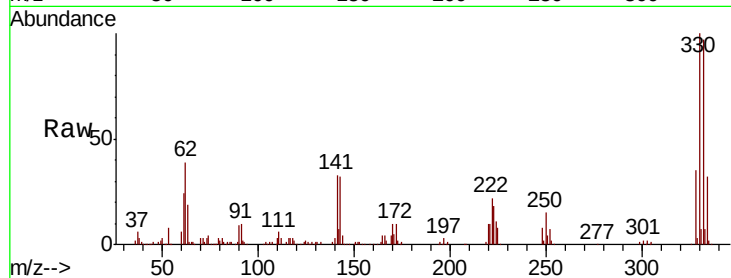




#42
 2,4,6-Tribromophenol
 Concen: 116.475 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BG046532.D
 Acq: 4 Sep 2020 1:35

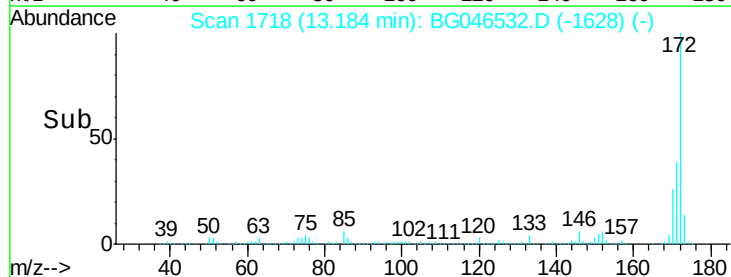
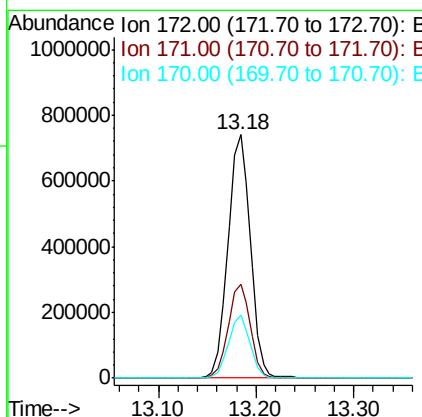
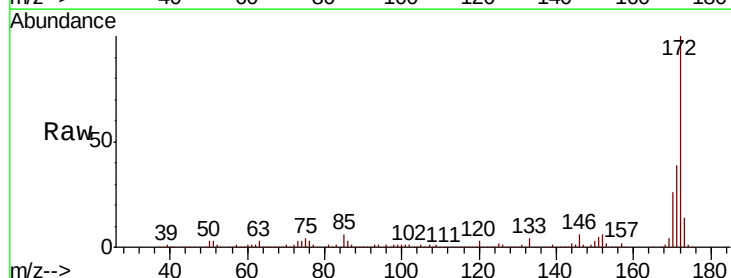
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PILE

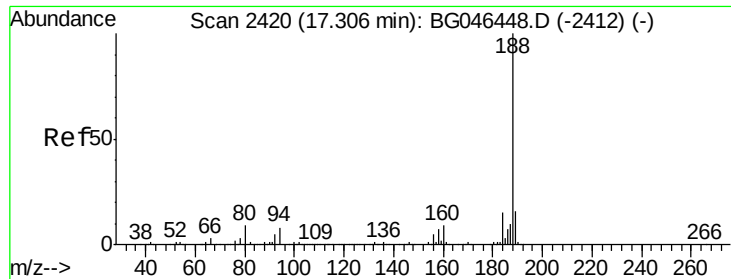
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.1	114.1
141	33.8	26.1	39.1



#45
 2-Fluorobiphenyl
 Concen: 84.789 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046532.D
 Acq: 4 Sep 2020 1:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.8	47.6
170	25.7	20.3	30.5

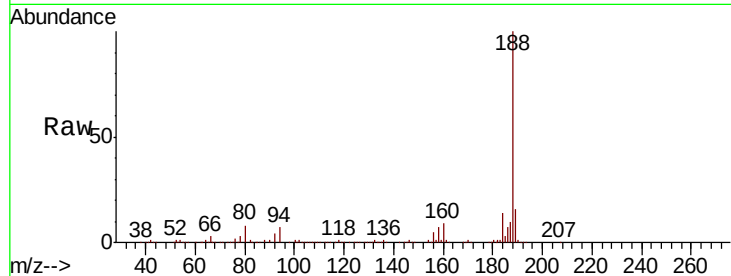




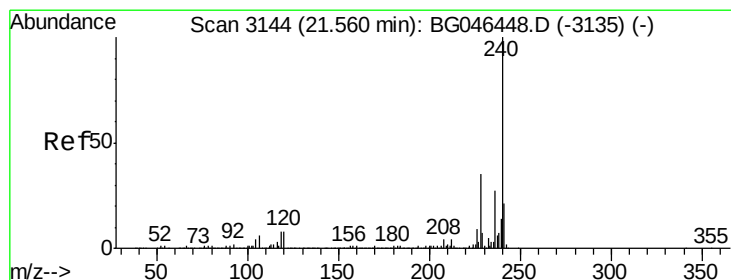
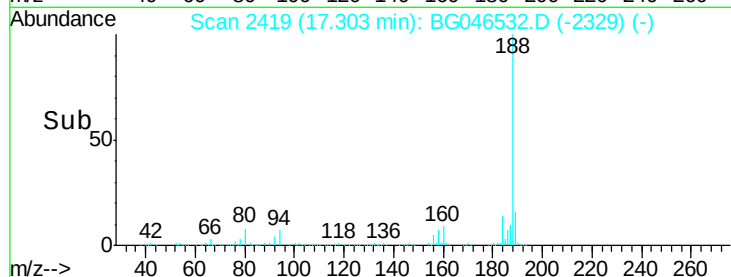
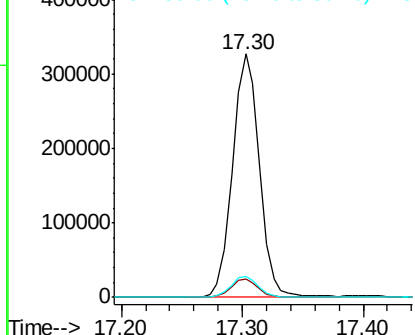
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046532.D
Acq: 4 Sep 2020 1:35

Instrument :
BNA_G
ClientSampleId :
CONCRETE-PILE

Tot Ion:188 Resp: 506843
Ion Ratio Lower Upper
188 100
94 7.4 6.3 9.5
80 8.5 6.9 10.3

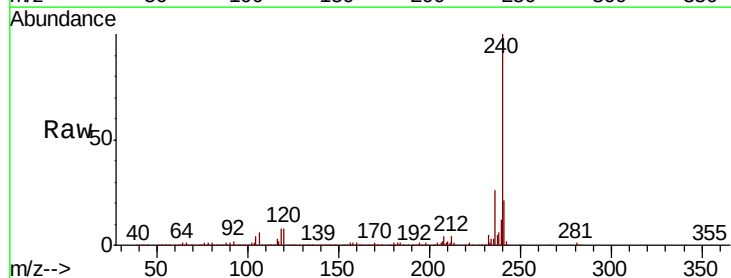


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

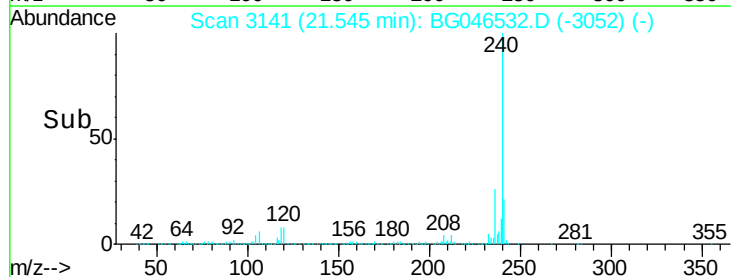
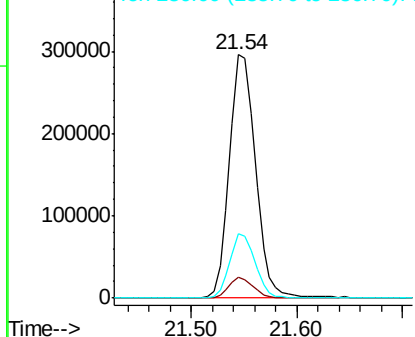


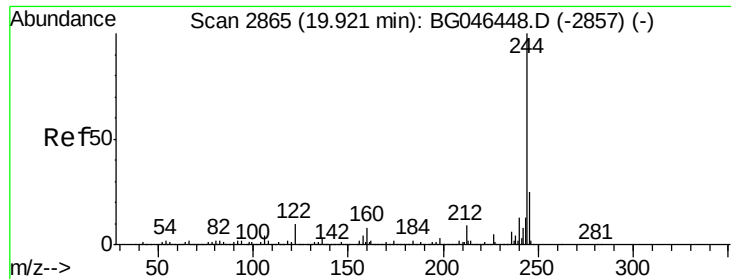
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG046532.D
Acq: 4 Sep 2020 1:35

Tgt Ion:240 Resp: 508040
Ion Ratio Lower Upper
240 100
120 8.4 6.6 10.0
236 26.3 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.274 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046532.D

Acq: 4 Sep 2020 1:35

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PILE

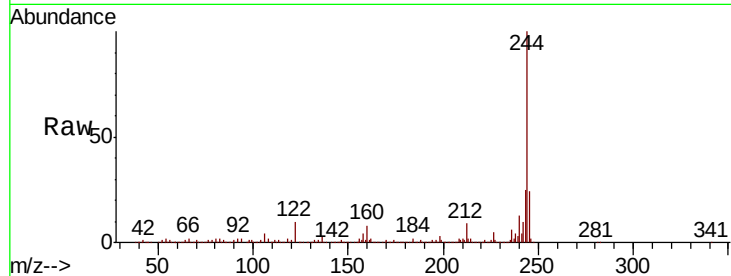
Tot Ion:244 Resp: 1868564

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	10.5	8.2	12.4

244 100

212 8.6 6.9 10.3

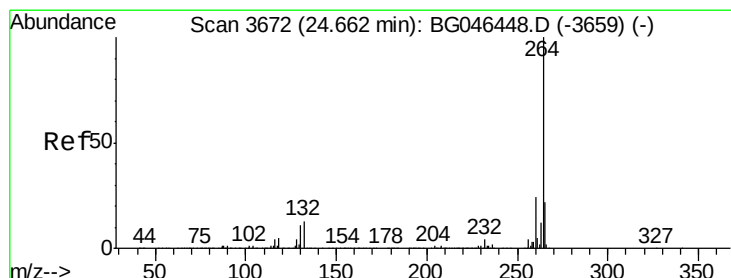
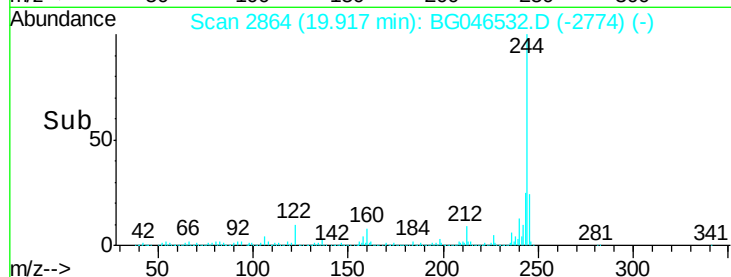
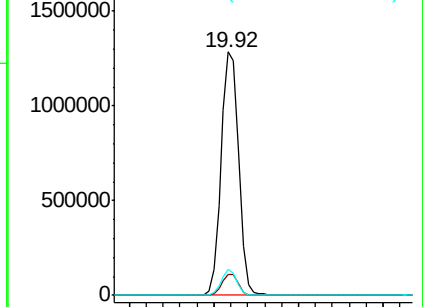
122 10.5 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG046532.D

Acq: 4 Sep 2020 1:35

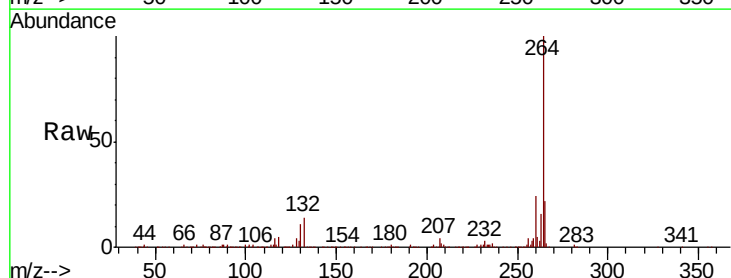
Tgt Ion:264 Resp: 497508

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.1	17.9	26.9

264 100

260 24.3 19.2 28.8

265 22.1 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

