

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044337.D
 Acq On : 7 Feb 2020 15:00
 Operator : CG/JU
 Sample : L1412-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE-CONCRETE

Quant Time: Feb 08 02:50:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

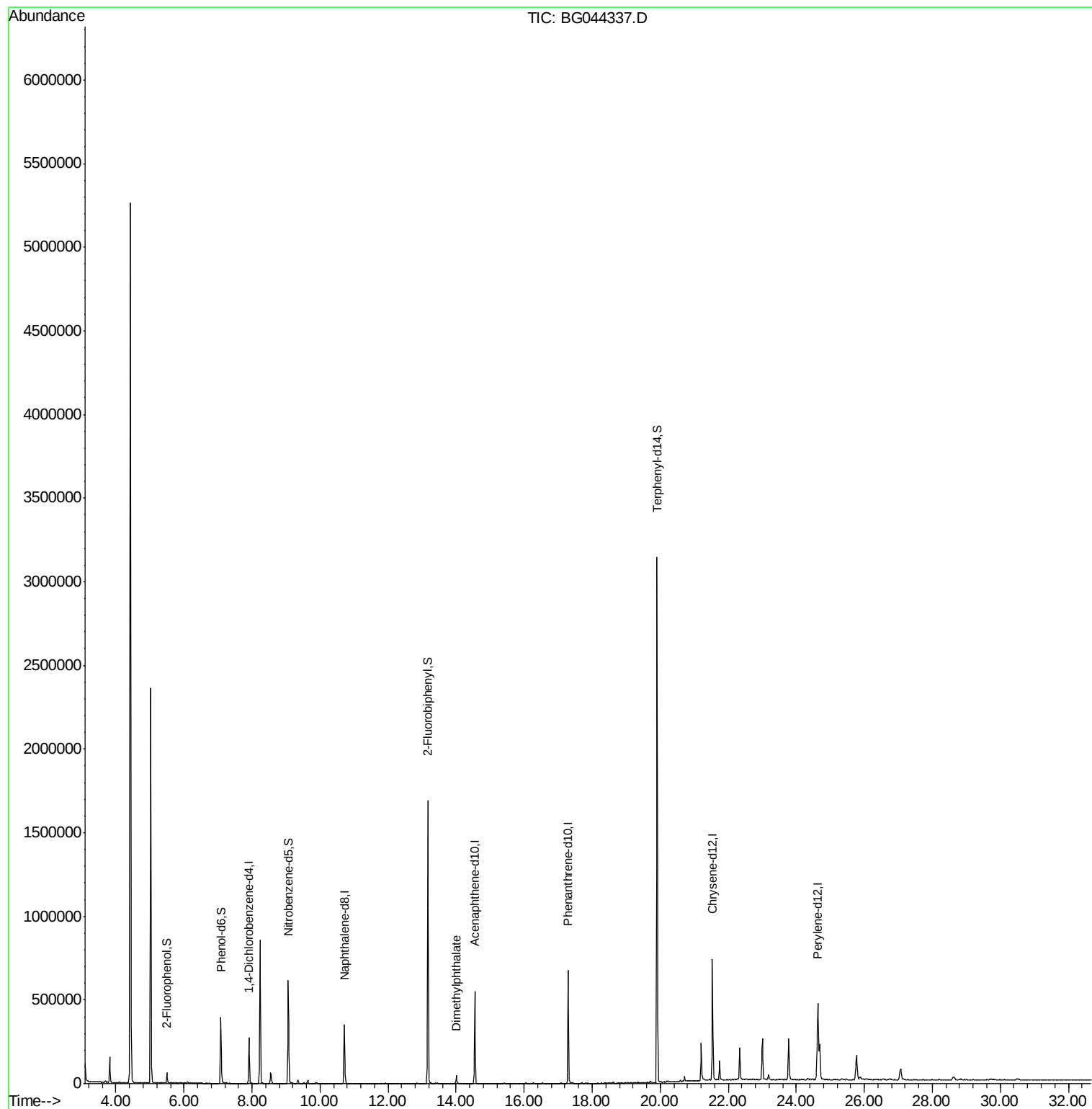
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	83333	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	328050	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	202655	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	456273	20.00	ng	0.00
76) Chrysene-d12	21.54	240	454036	20.00	ng	0.00
87) Perylene-d12	24.63	264	469548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	34329	7.27	ng	0.00
7) Phenol-d6	7.08	99	266784	42.07	ng	0.00
23) Nitrobenzene-d5	9.07	82	401979	69.18	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	1472	0.62	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	922475	76.22	ng	0.00
79) Terphenyl-d14	19.91	244	1506834	68.26	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	43041	2.955	ng	Qvalue 98

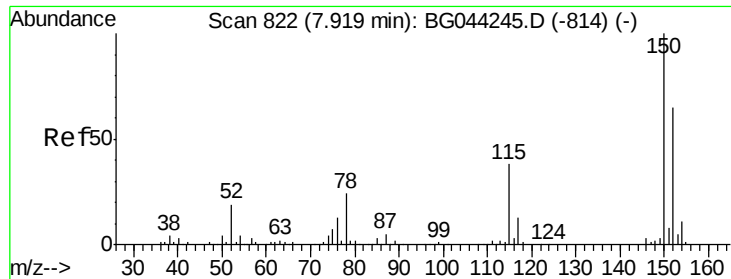
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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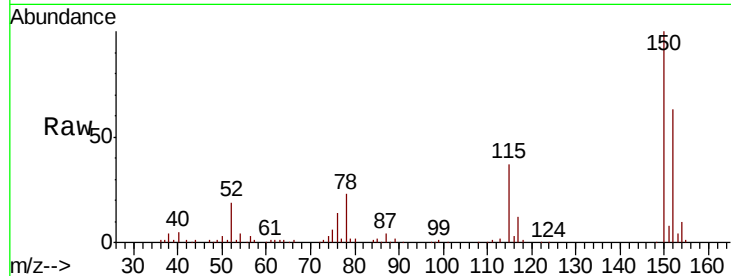


#1

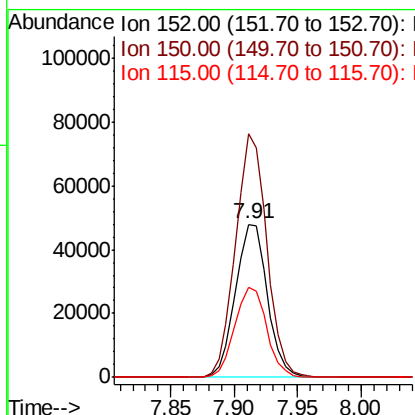
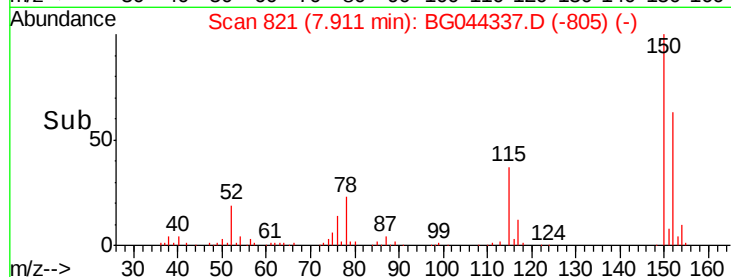
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044337.D
Acq: 7 Feb 2020 15:00

Instrument :
BNA_G
ClientSampleId :
MANHOLE-CONCRETE

Tot Ion:152 Resp: 83333
Ion Ratio Lower Upper
152 100
150 158.8 122.6 183.8
115 58.9 46.0 69.0



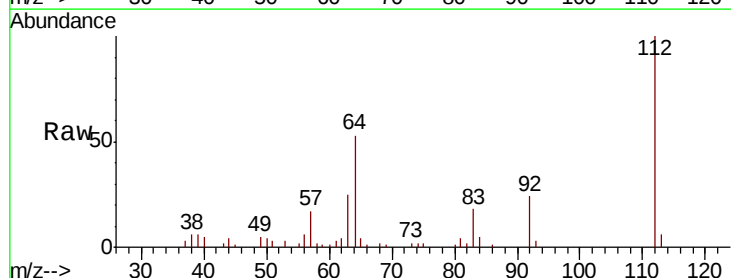
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



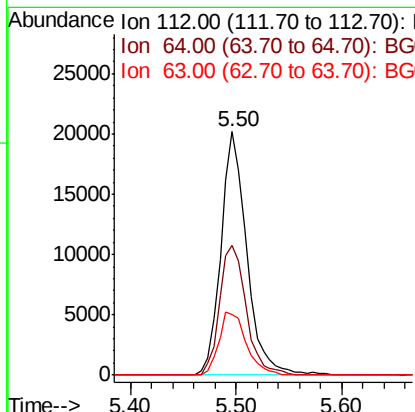
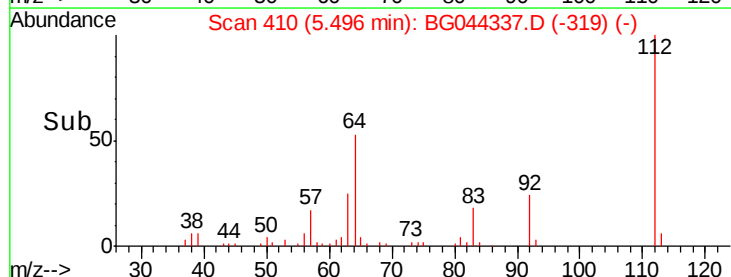
#5

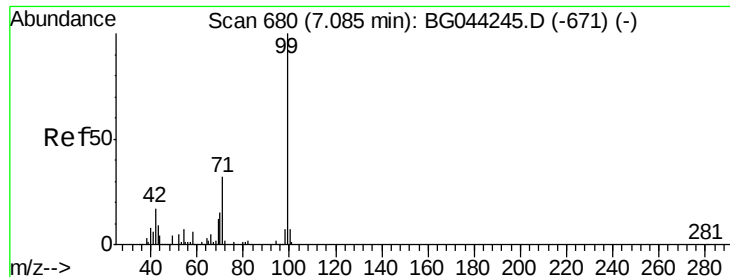
2-Fluorophenol
Concen: 7.270 ng
RT: 5.50 min Scan# 410
Delta R.T. 0.00 min
Lab File: BG044337.D
Acq: 7 Feb 2020 15:00

Tgt Ion:112 Resp: 34329
Ion Ratio Lower Upper
112 100
64 53.1 45.4 68.2
63 25.1 22.9 34.3



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: 42.075 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044337.D

Acq: 7 Feb 2020 15:00

Instrument :

BNA_G

ClientSampleId :

MANHOLE-CONCRETE

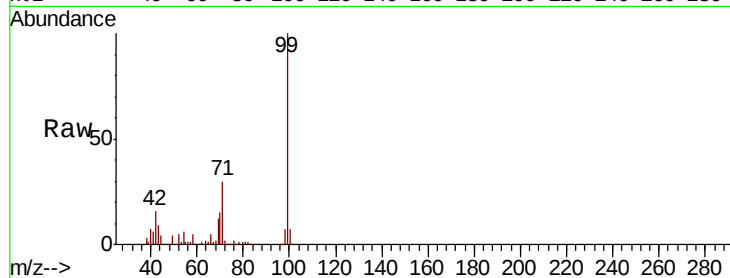
Tot Ion: 99 Resp: 266784

Ion Ratio Lower Upper

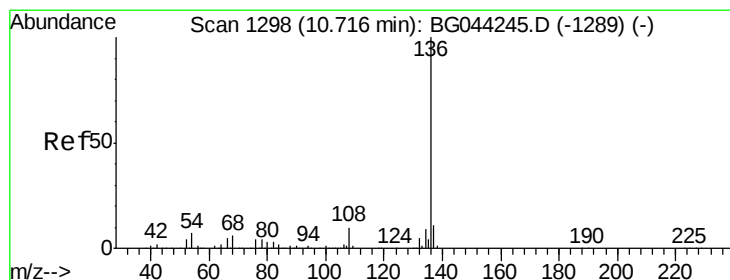
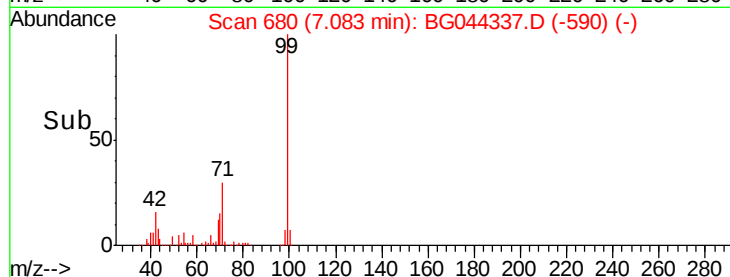
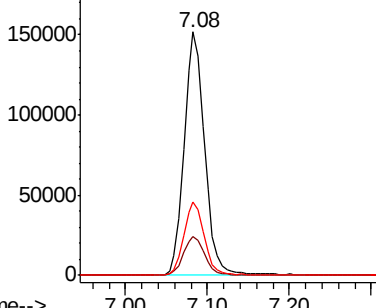
99 100

42 15.9 13.8 20.6

71 29.9 25.5 38.3



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: 10.71 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG044337.D

Acq: 7 Feb 2020 15:00

Tgt Ion: 136 Resp: 328050

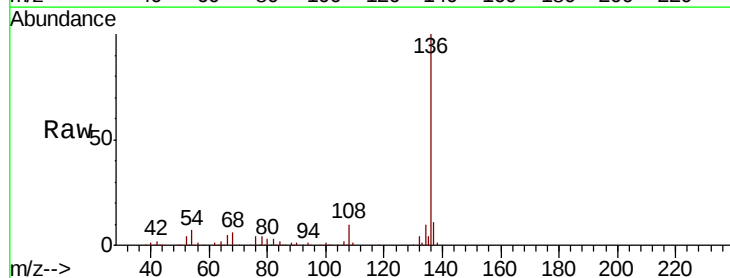
Ion Ratio Lower Upper

136 100

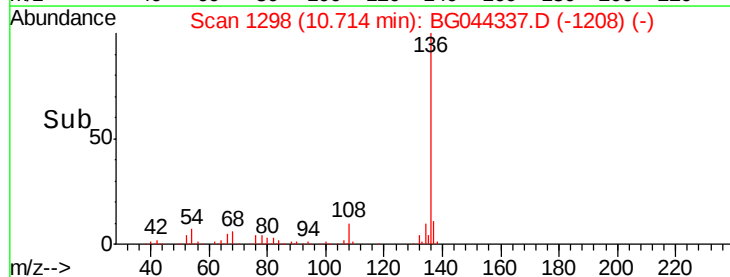
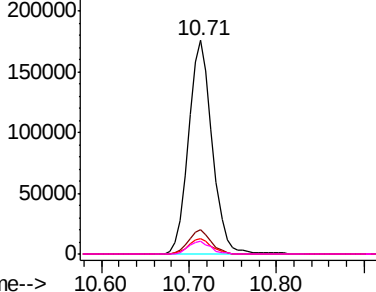
137 11.2 8.8 13.2

54 7.0 5.8 8.8

68 6.1 4.6 6.8



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

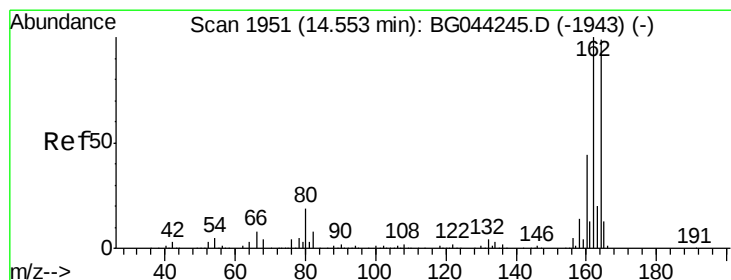
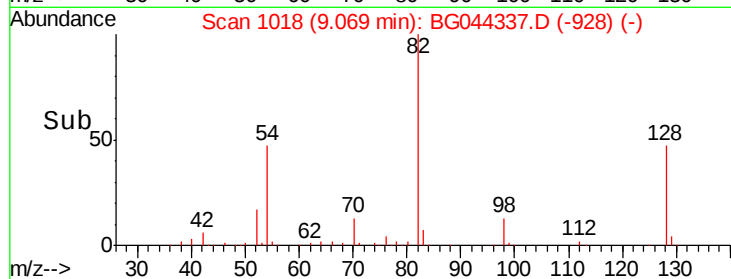
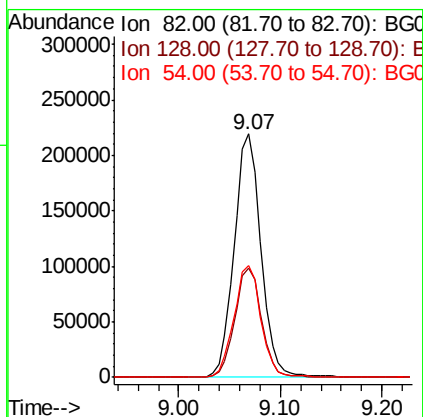
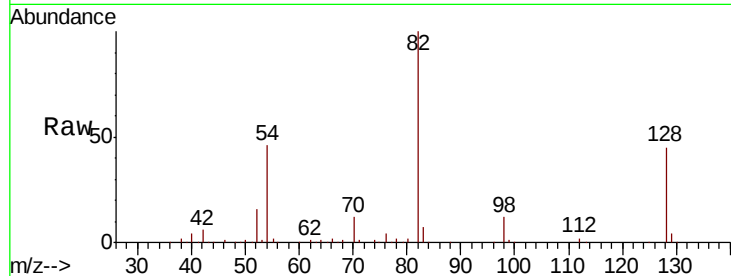




#23
 Nitrobenzene-d5
 Concen: 69.179 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG044337.D
 Acq: 7 Feb 2020 15:00

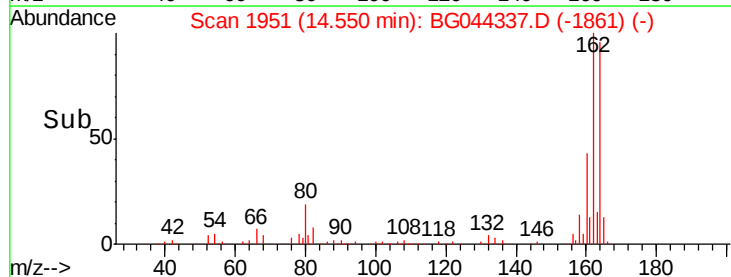
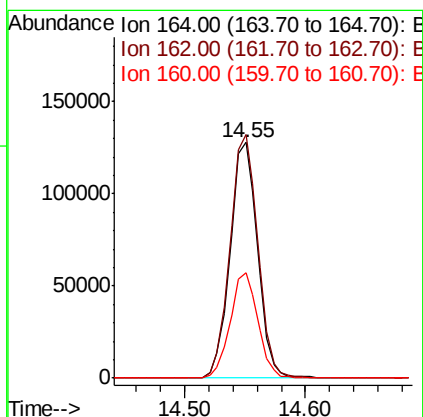
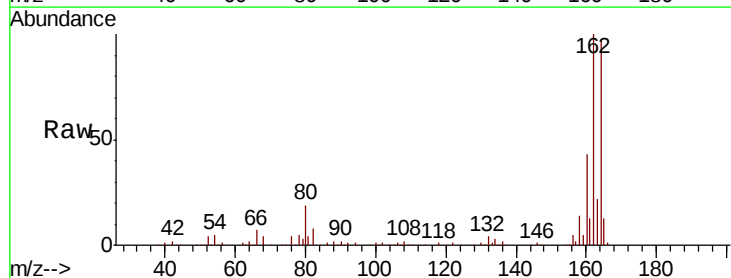
Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE-CONCRETE

Tot Ion	82	Resp	401979
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
54	46.1	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG044337.D
 Acq: 7 Feb 2020 15:00

Tgt Ion	164	Resp	202655
Ion Ratio	100		
Lower	80.7		
Upper	121.1		
162	103.4	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 0.619 ng

RT: 16.05 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BG044337.D

Acq: 7 Feb 2020 15:00

Instrument :

BNA_G

ClientSampleId :

MANHOLE-CONCRETE

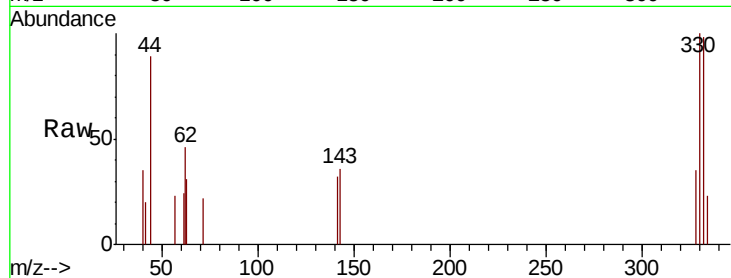
Tot Ion:330 Resp: 1472

Ion Ratio Lower Upper

330 100

332 108.4 77.2 115.8

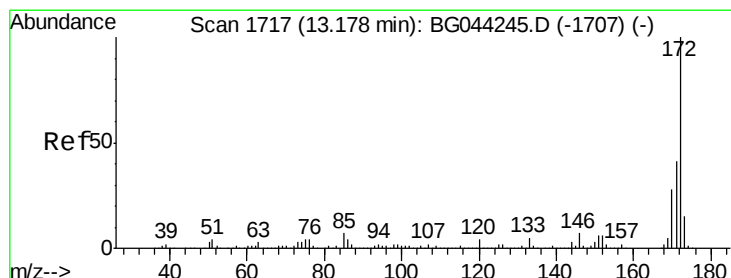
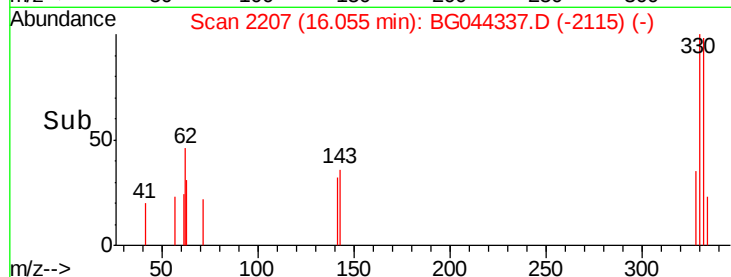
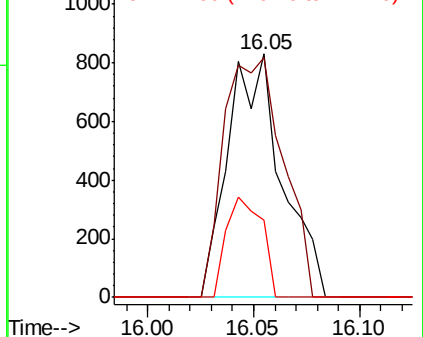
141 27.0 28.3 42.5#



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: 76.225 ng

RT: 13.17 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BG044337.D

Acq: 7 Feb 2020 15:00

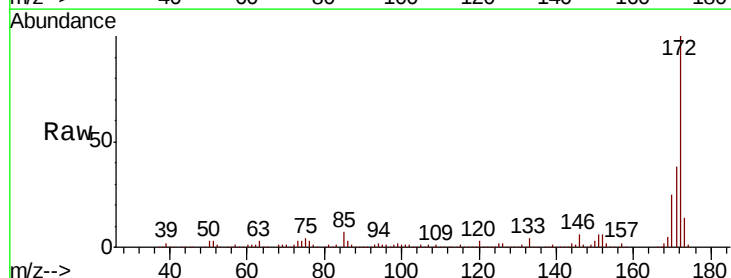
Tgt Ion:172 Resp: 922475

Ion Ratio Lower Upper

172 100

171 37.6 32.9 49.3

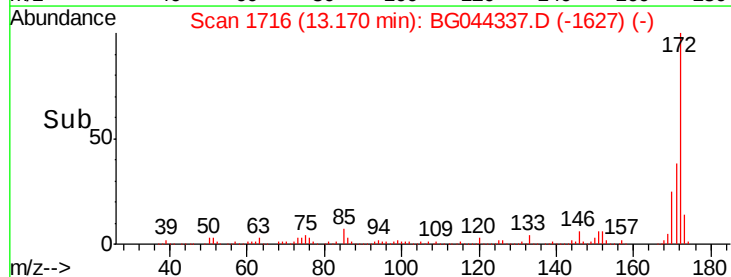
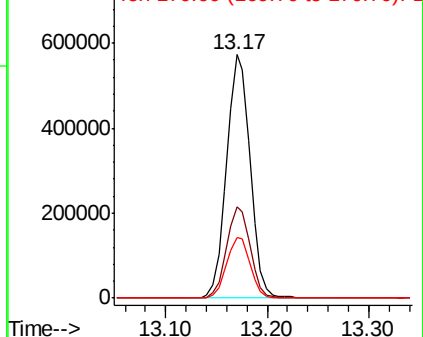
170 25.0 22.0 33.0



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





#50

Dimethylphthalate

Concen: 2.955 ng

RT: 14.00 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044337.D

Acq: 7 Feb 2020 15:00

Instrument :

BNA_G

ClientSampleId :

MANHOLE-CONCRETE

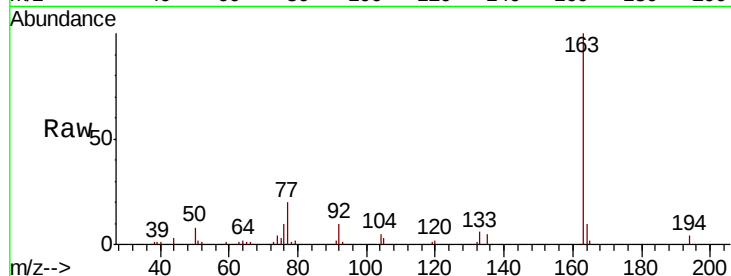
Tot Ion:163 Resp: 43041

Ion Ratio Lower Upper

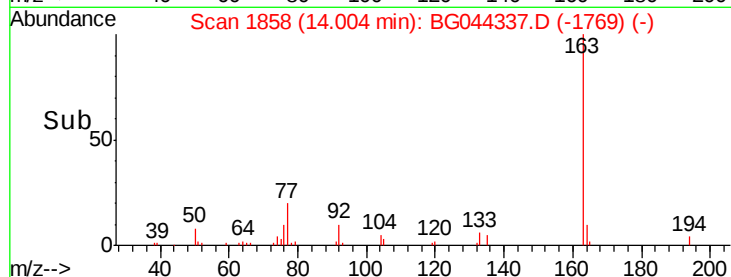
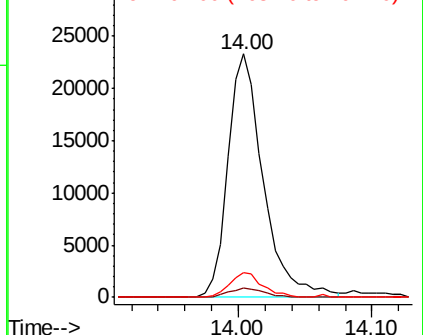
163 100

194 4.0 3.6 5.4

164 10.2 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.29 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG044337.D

Acq: 7 Feb 2020 15:00

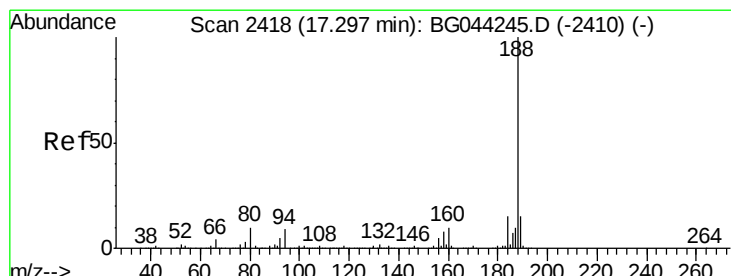
Tgt Ion:188 Resp: 456273

Ion Ratio Lower Upper

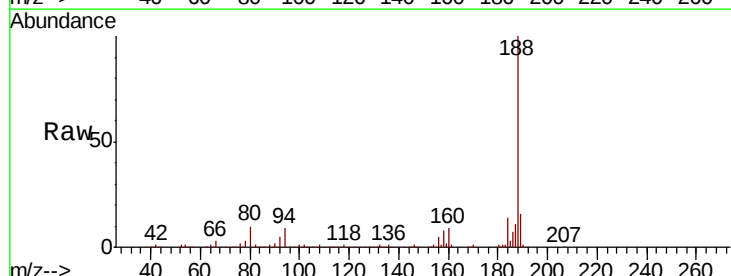
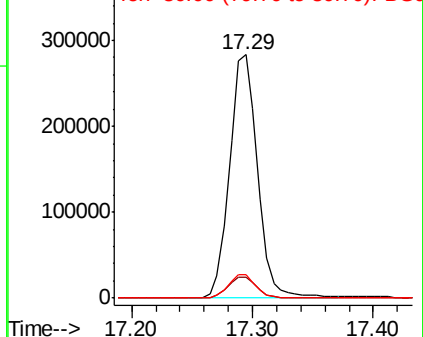
188 100

94 8.6 7.4 11.2

80 9.7 7.7 11.5



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

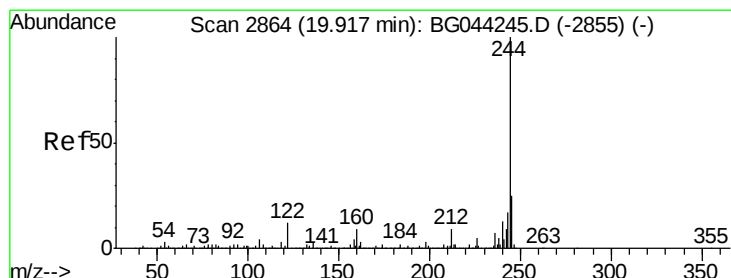
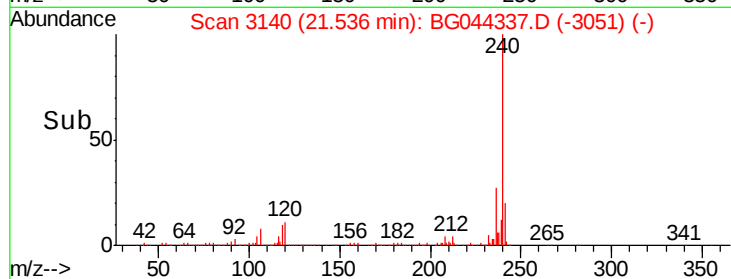
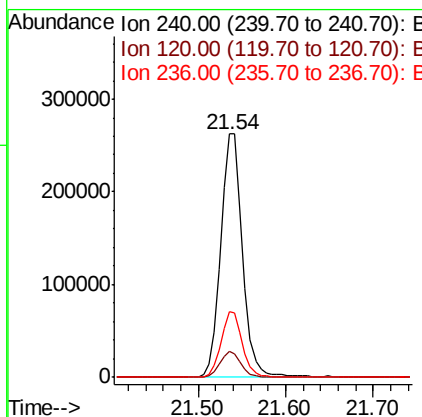
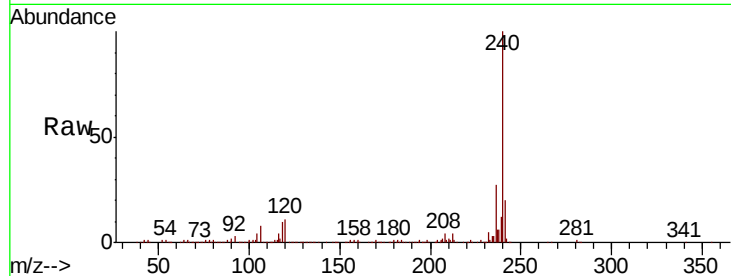




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG044337.D
 Acq: 7 Feb 2020 15:00

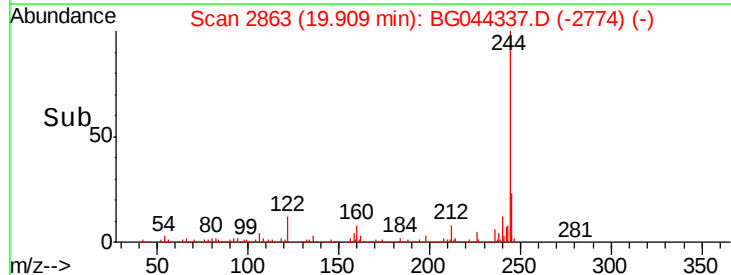
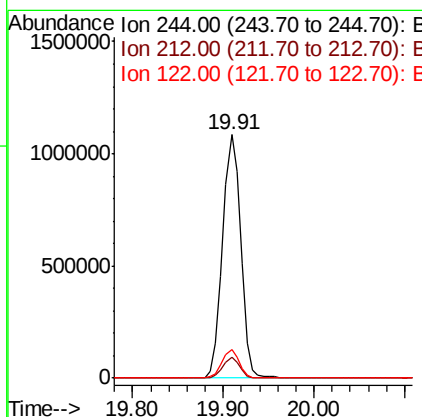
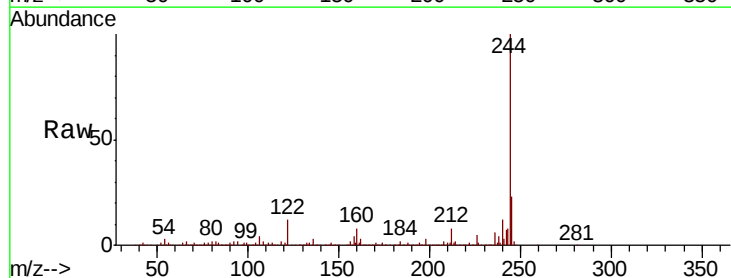
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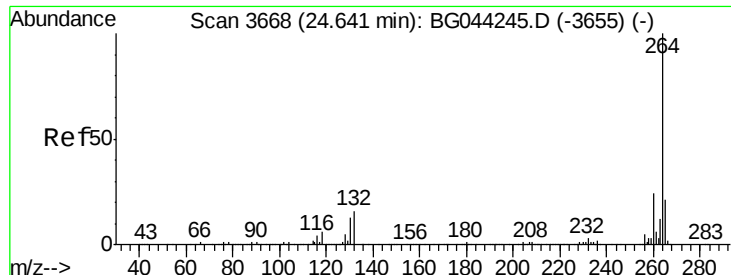
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	26.9	22.1	33.1



#79
 Terphenyl-d14
 Concen: 68.262 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG044337.D
 Acq: 7 Feb 2020 15:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.2
122	11.9	9.8	14.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.63 min Scan# 3667
 Delta R.T. -0.01 min
 Lab File: BG044337.D
 Acq: 7 Feb 2020 15:00

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE-CONCRETE

Tot Ion:	264	Resp:	469548
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	22.8	16.7	25.1

