

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044500.D
 Acq On : 19 Feb 2020 22:02
 Operator : CG/JU
 Sample : L1558-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0109-SITE-WATER

Quant Time: Feb 20 08:06:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	59899	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	234899	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	150628	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	356566	20.00	ng	-0.02
76) Chrysene-d12	21.52	240	373957	20.00	ng	-0.02
87) Perylene-d12	24.60	264	389542	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	259911	76.58	ng	-0.01
7) Phenol-d6	7.07	99	219066	48.07	ng	-0.01
23) Nitrobenzene-d5	9.05	82	390831	93.93	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	293682	166.08	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	881064	97.95	ng	-0.01
79) Terphenyl-d14	19.89	244	1458931	80.25	ng	-0.01

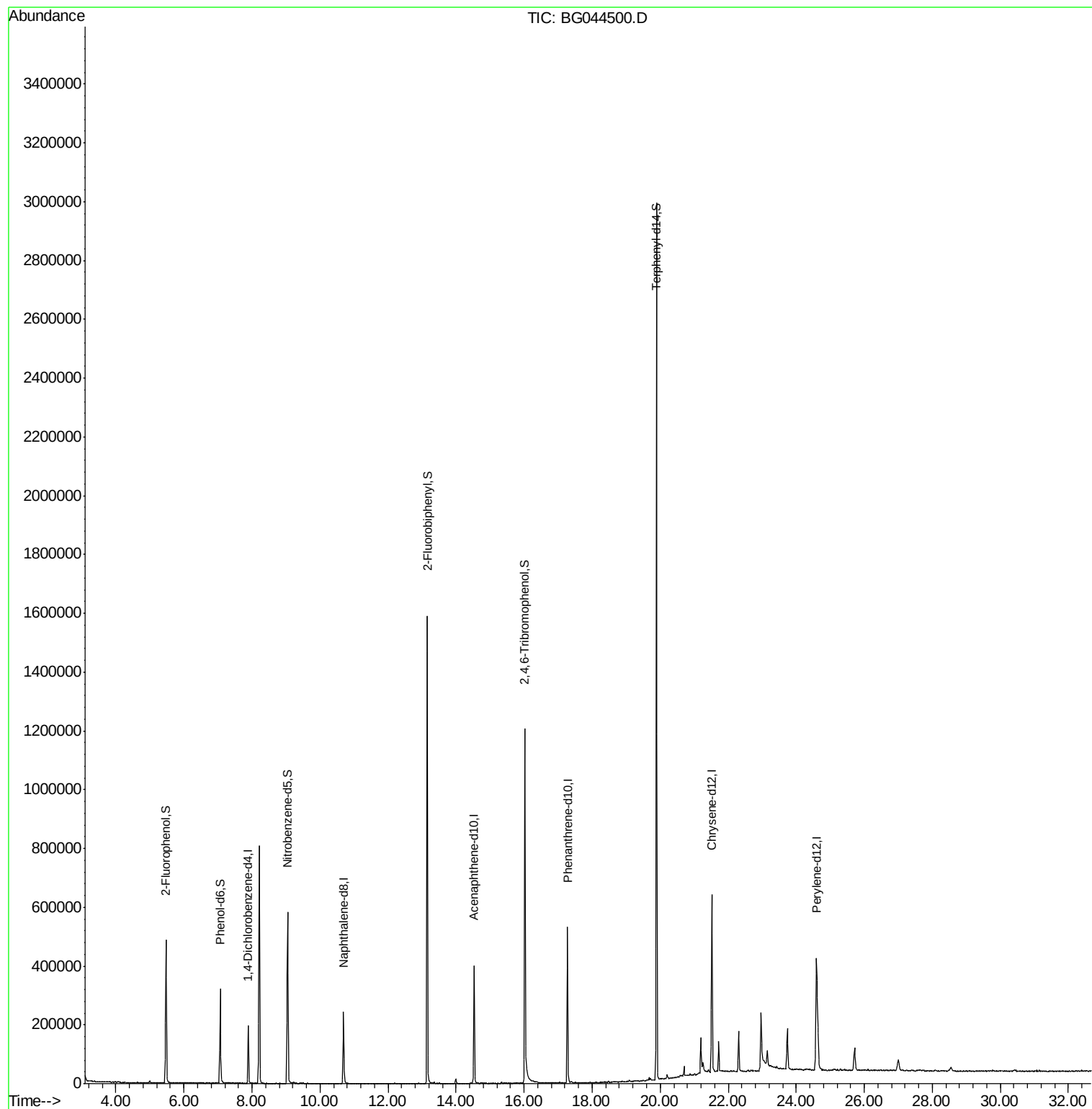
Target Compounds Qvalue

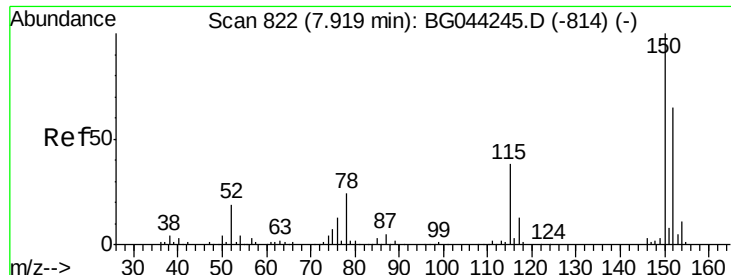
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
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Response via : Initial Calibration



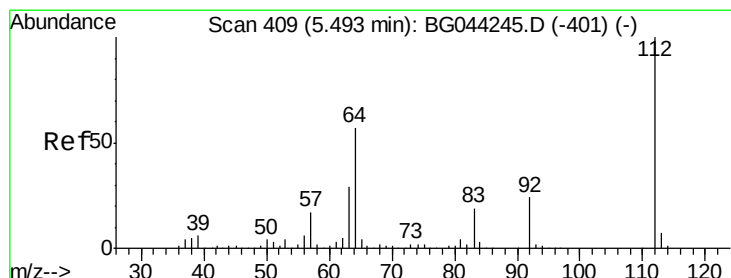
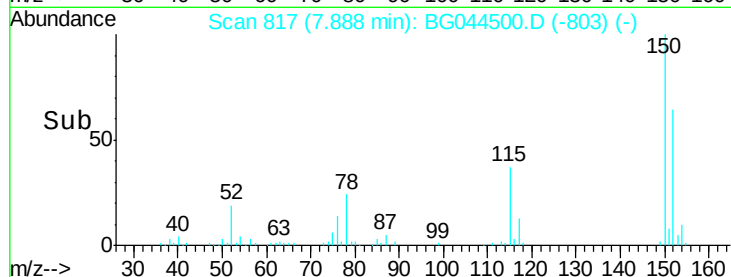
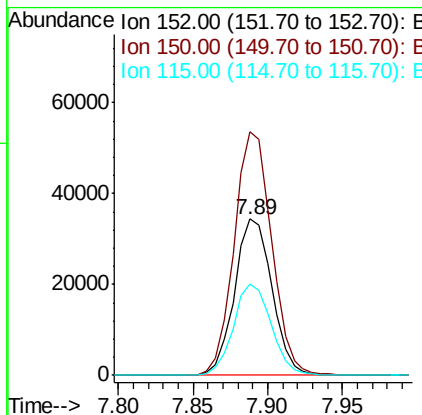
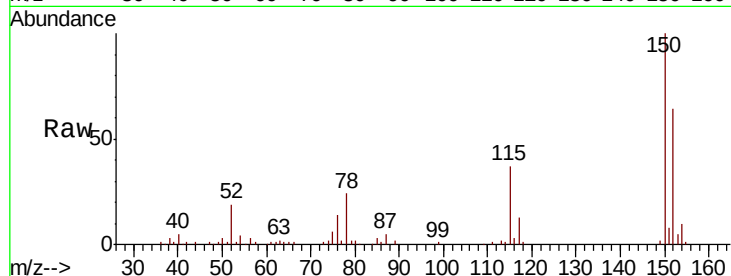


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG044500.D
 Acq: 19 Feb 2020 22:02

Instrument :
 BNA_G
 ClientSampleId :
 0109-SITE-WATER

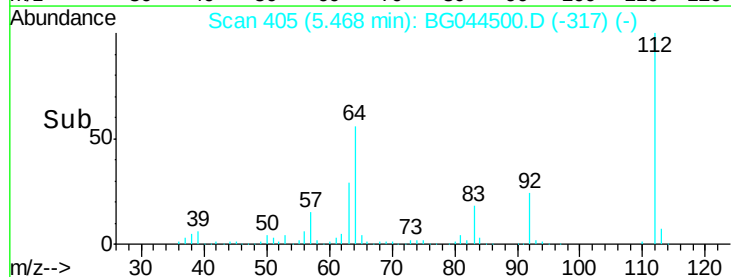
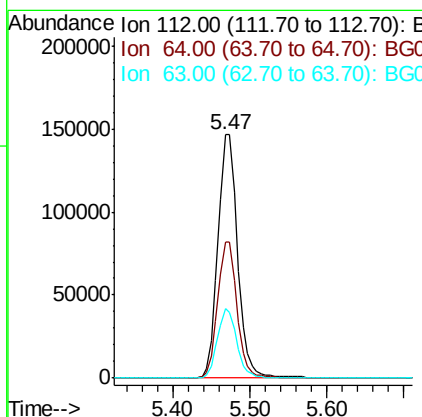
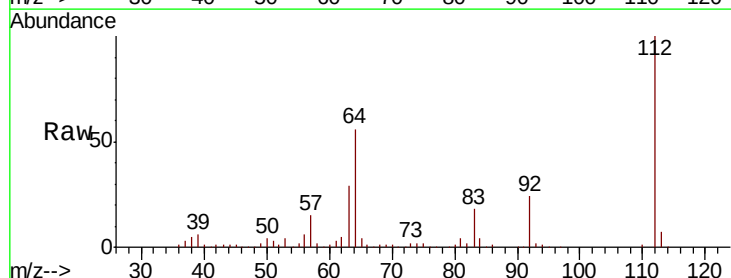
Tot Ion	152	Resp	59899
Ion Ratio	Lower	Upper	
152	100		
150	155.7	122.6	183.8
115	58.0	46.0	69.0

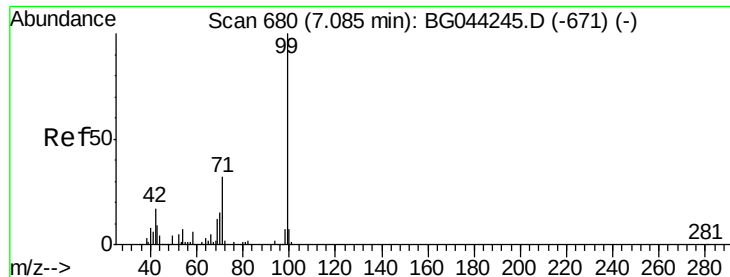


#5

2-Fluorophenol
 Concen: 76.579 ng
 RT: 5.47 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BG044500.D
 Acq: 19 Feb 2020 22:02

Tgt Ion	112	Resp	259911
Ion Ratio	Lower	Upper	
112	100		
64	56.1	45.4	68.2
63	28.5	22.9	34.3





#7

Phenol-d6

Concen: 48.066 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044500.D

Acq: 19 Feb 2020 22:02

Instrument :

BNA_G

ClientSampleId :

0109-SITE-WATER

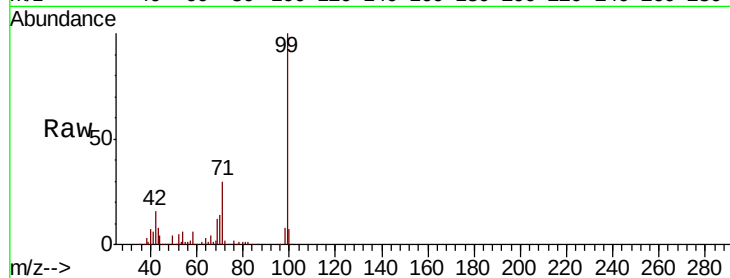
Tot Ion: 99 Resp: 219066

Ion Ratio Lower Upper

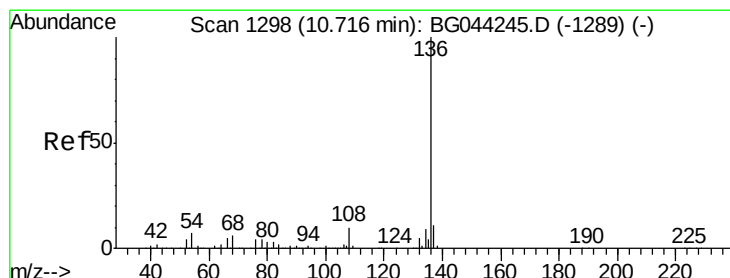
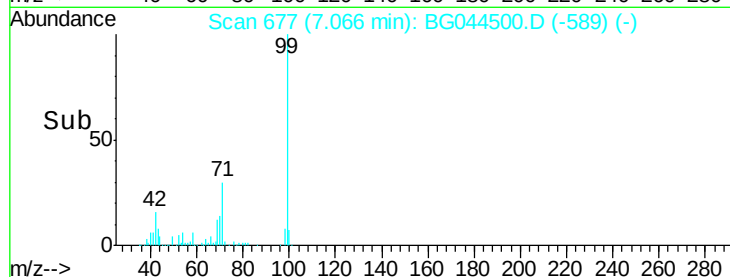
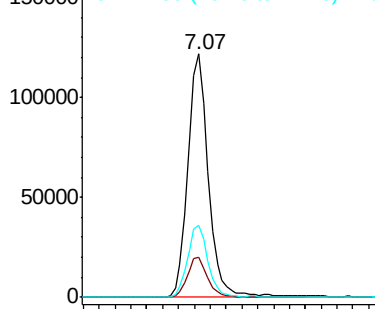
99 100

42 16.2 13.8 20.6

71 29.5 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: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044500.D

Acq: 19 Feb 2020 22:02

Tgt Ion: 136 Resp: 234899

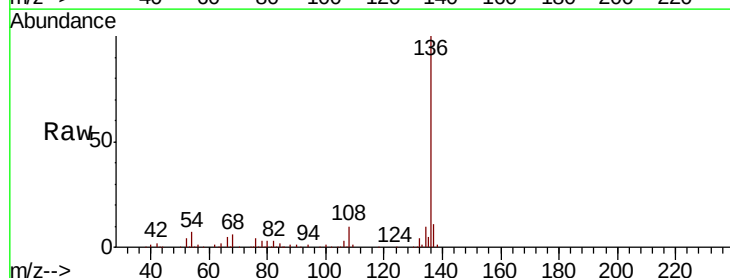
Ion Ratio Lower Upper

136 100

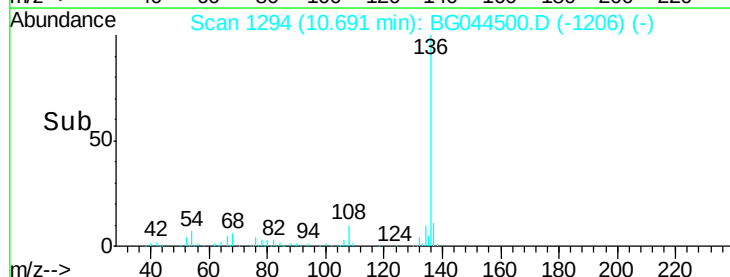
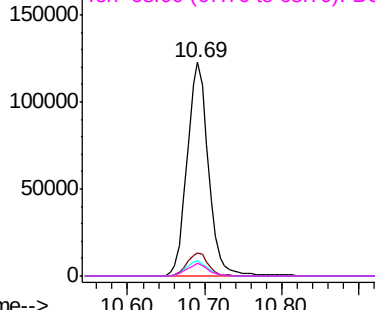
137 10.9 8.8 13.2

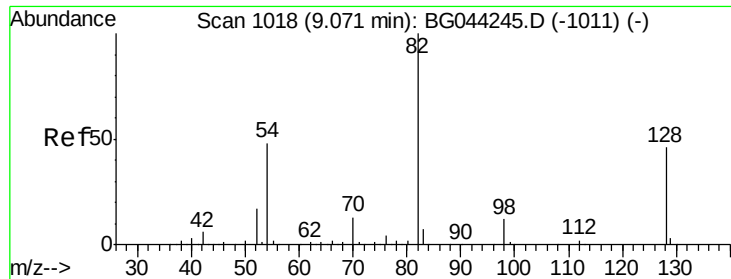
54 7.3 5.8 8.8

68 6.2 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

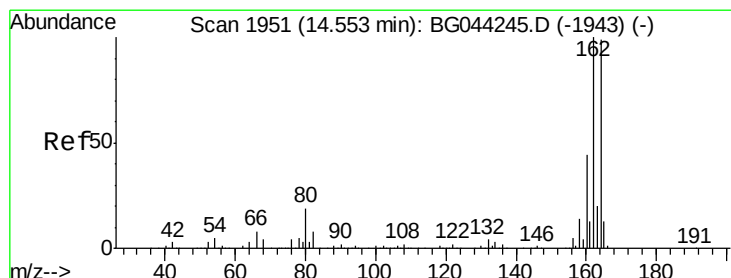
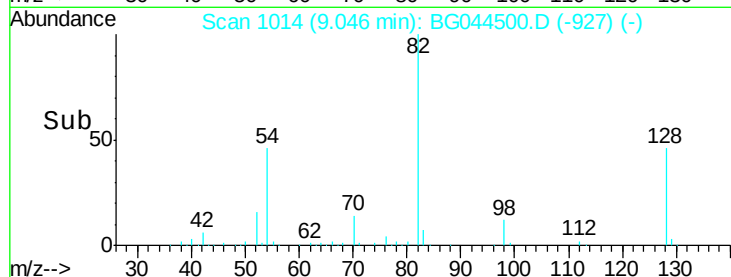
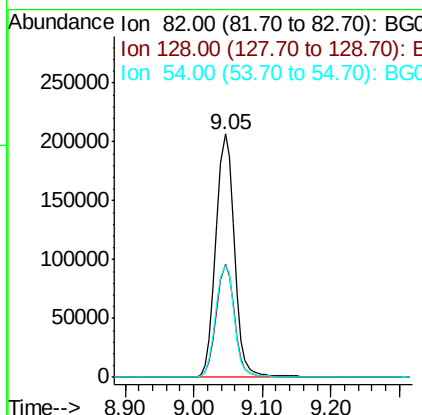
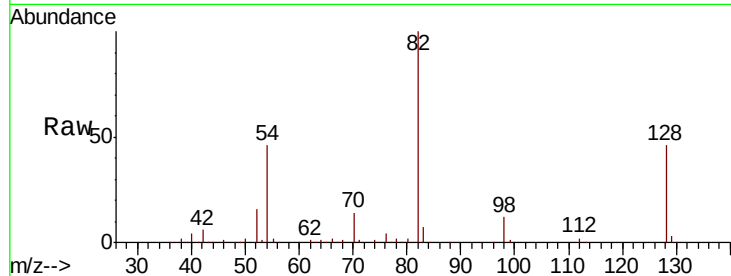




#23
 Nitrobenzene-d5
 Concen: 93.933 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BG044500.D
 Acq: 19 Feb 2020 22:02

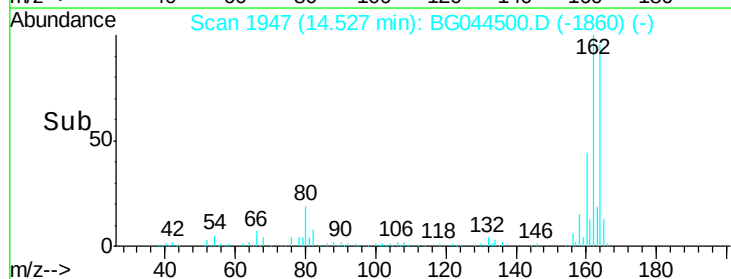
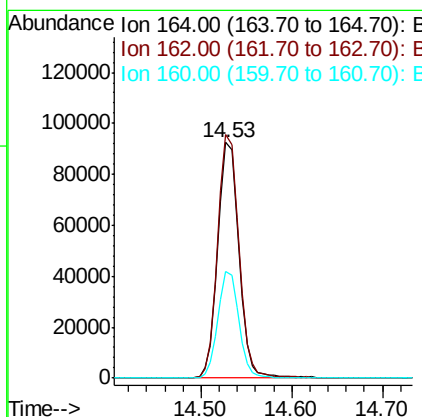
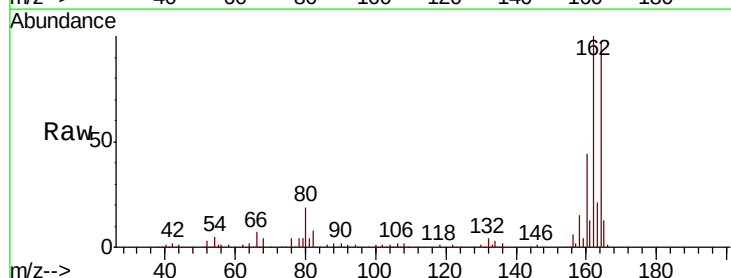
Instrument :
 BNA_G
 ClientSampleId :
 0109-SITE-WATER

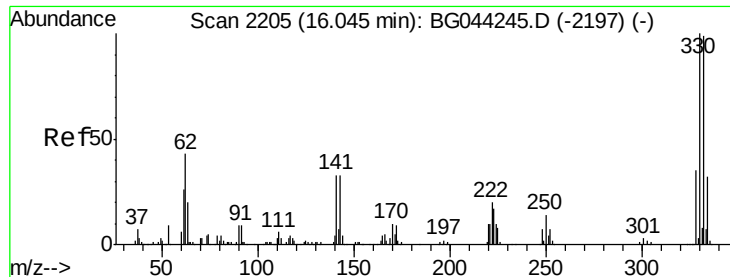
Tot Ion: 82 Resp: 390831
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.5 54.7
 54 45.9 38.6 58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BG044500.D
 Acq: 19 Feb 2020 22:02

Tgt Ion:164 Resp: 150628
 Ion Ratio Lower Upper
 164 100
 162 103.4 80.7 121.1
 160 45.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 166.083 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044500.D

Acq: 19 Feb 2020 22:02

Instrument :

BNA_G

ClientSampleId :

0109-SITE-WATER

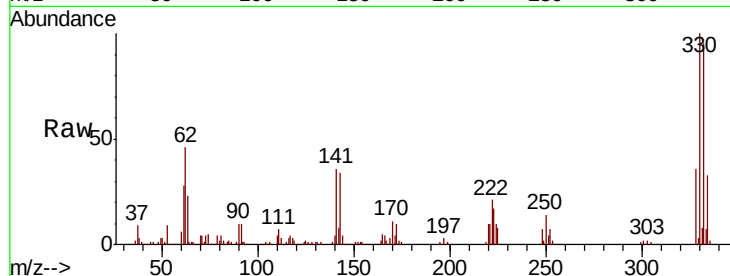
Tot Ion:330 Resp: 293682

Ion Ratio Lower Upper

330 100

332 94.8 77.2 115.8

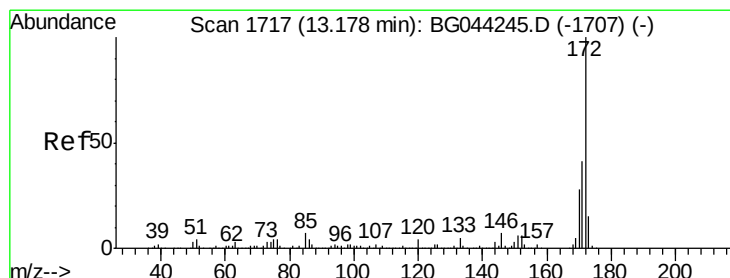
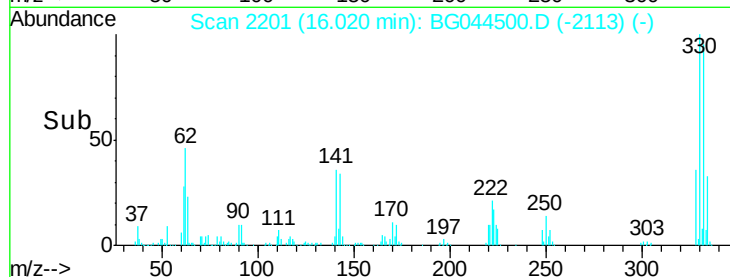
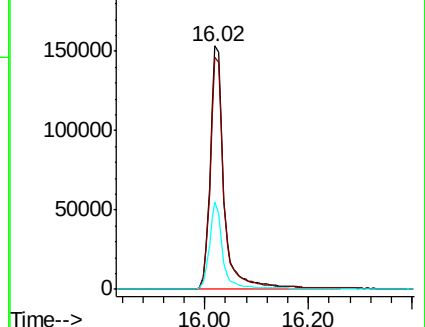
141 34.1 28.3 42.5



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: 97.949 ng

RT: 13.15 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG044500.D

Acq: 19 Feb 2020 22:02

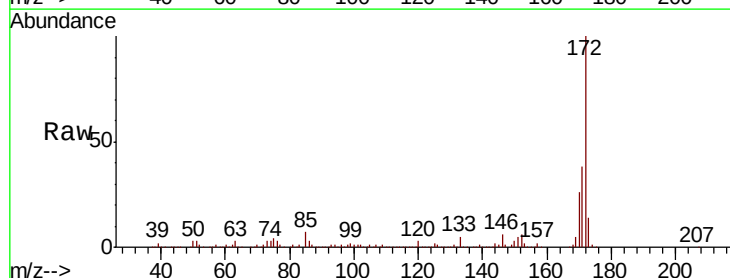
Tgt Ion:172 Resp: 881064

Ion Ratio Lower Upper

172 100

171 38.0 32.9 49.3

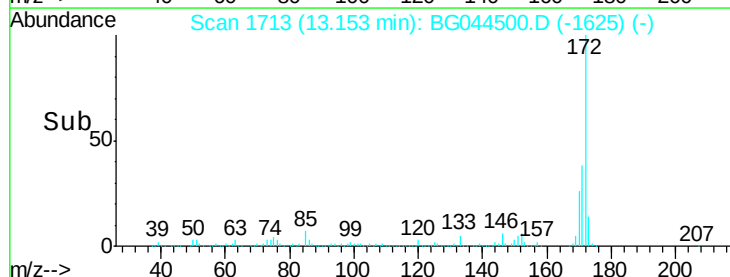
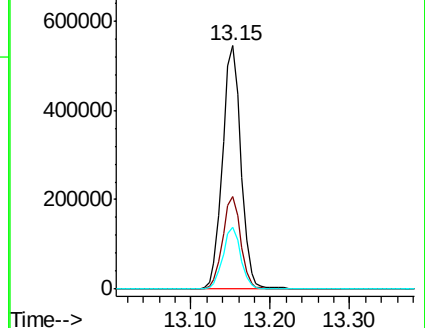
170 25.6 22.0 33.0

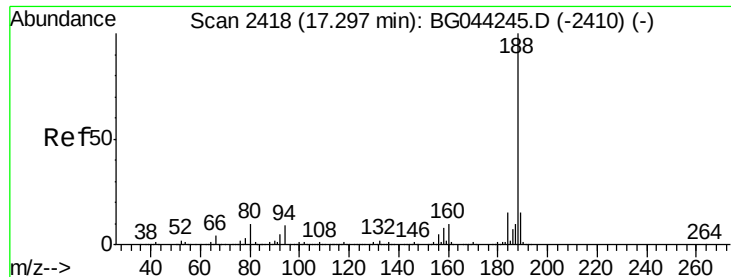


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.27 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BG044500.D

Acq: 19 Feb 2020 22:02

Instrument :

BNA_G

ClientSampleId :

0109-SITE-WATER

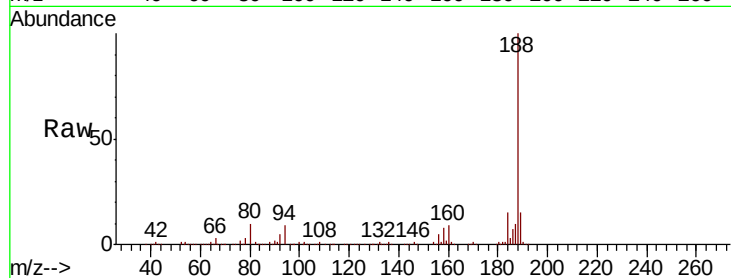
Tot Ion:188 Resp: 356566

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

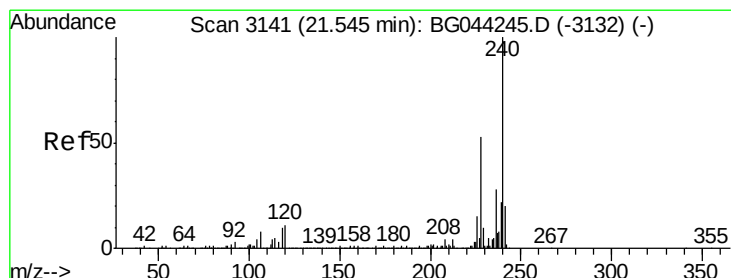
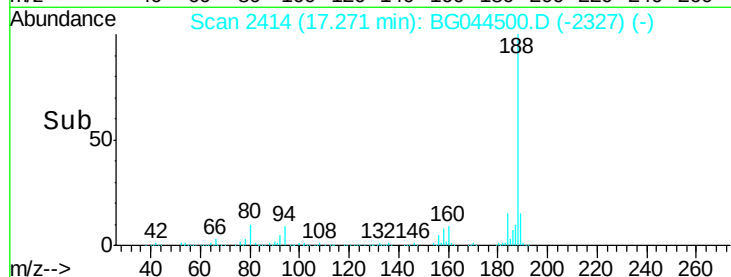
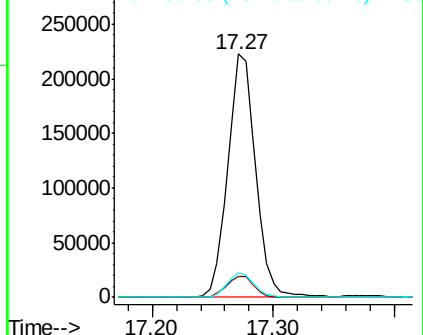
80 10.1 7.7 11.5



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: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG044500.D

Acq: 19 Feb 2020 22:02

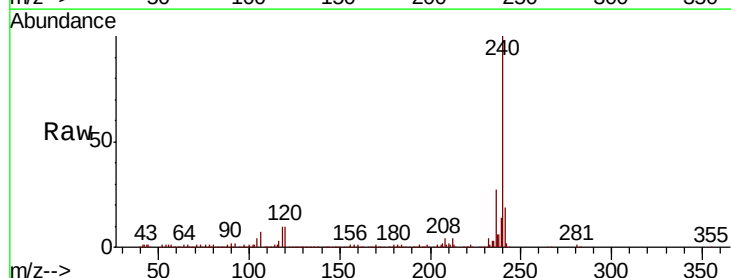
Tgt Ion:240 Resp: 373957

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

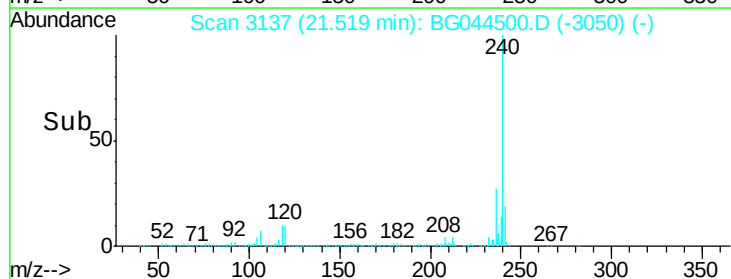
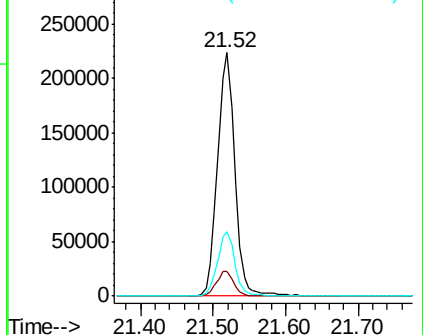
236 26.6 22.1 33.1

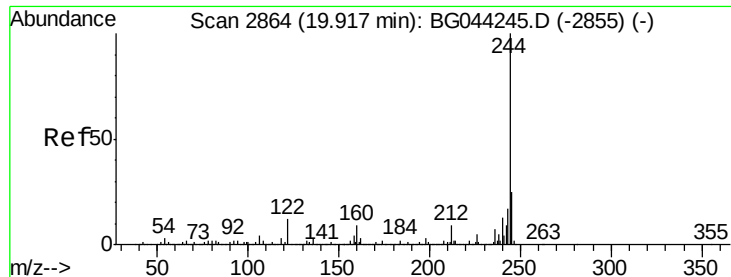


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.245 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044500.D

Acq: 19 Feb 2020 22:02

Instrument :

BNA_G

ClientSampleId :

0109-SITE-WATER

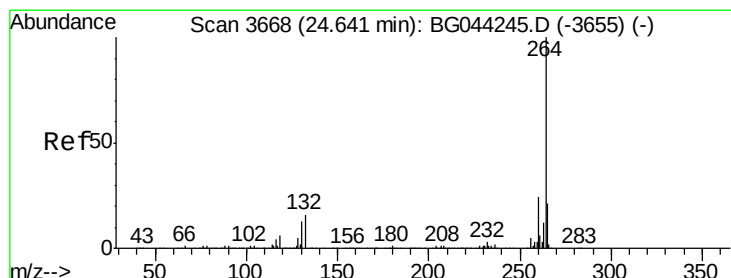
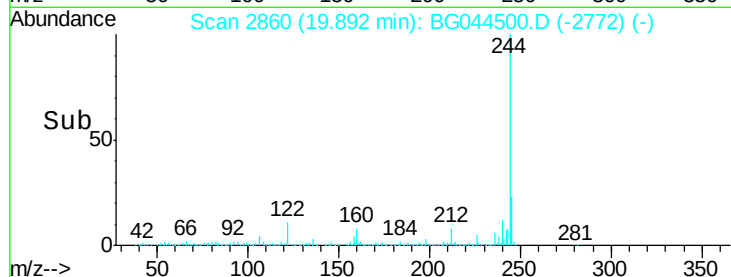
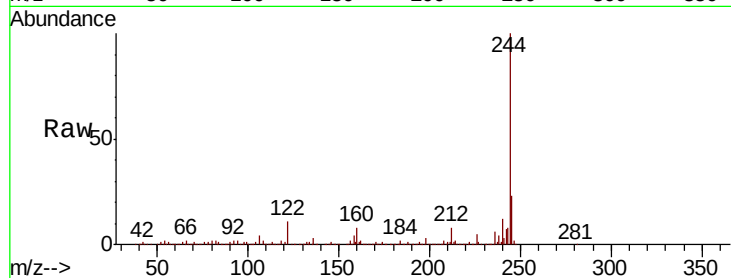
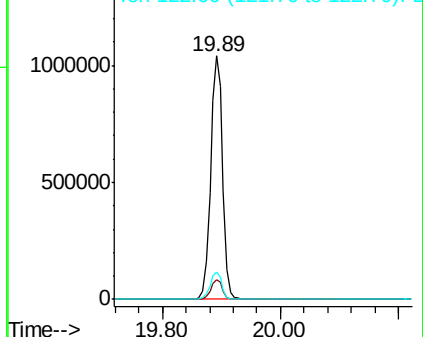
Tot Ion:244 Resp: 1458931

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.2
122	11.4	9.8	14.6

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.60 min Scan# 3661

Delta R.T. -0.02 min

Lab File: BG044500.D

Acq: 19 Feb 2020 22:02

Tgt Ion:264 Resp: 389542

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.8	16.7	25.1

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

