

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031481.D
 Acq On : 12 Dec 2017 8:12
 Operator : SJ/JU
 Sample : I6766-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WQ-7

Quant Time: Dec 12 11:30:41 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	52455	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	222812	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	155392	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	450456	20.00	ng	0.00
75) Chrysene-d12	21.74	240	535582	20.00	ng	0.00
86) Perylene-d12	25.03	264	514210	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	153082	51.73	ng	0.00
7) Phenol-d6	7.28	99	129417	31.50	ng	0.00
23) Nitrobenzene-d5	9.28	82	348537	96.42	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	210531	115.65	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	1028416	97.15	ng	0.00
78) Terphenyl-d14	20.07	244	2018351	85.74	ng	0.00

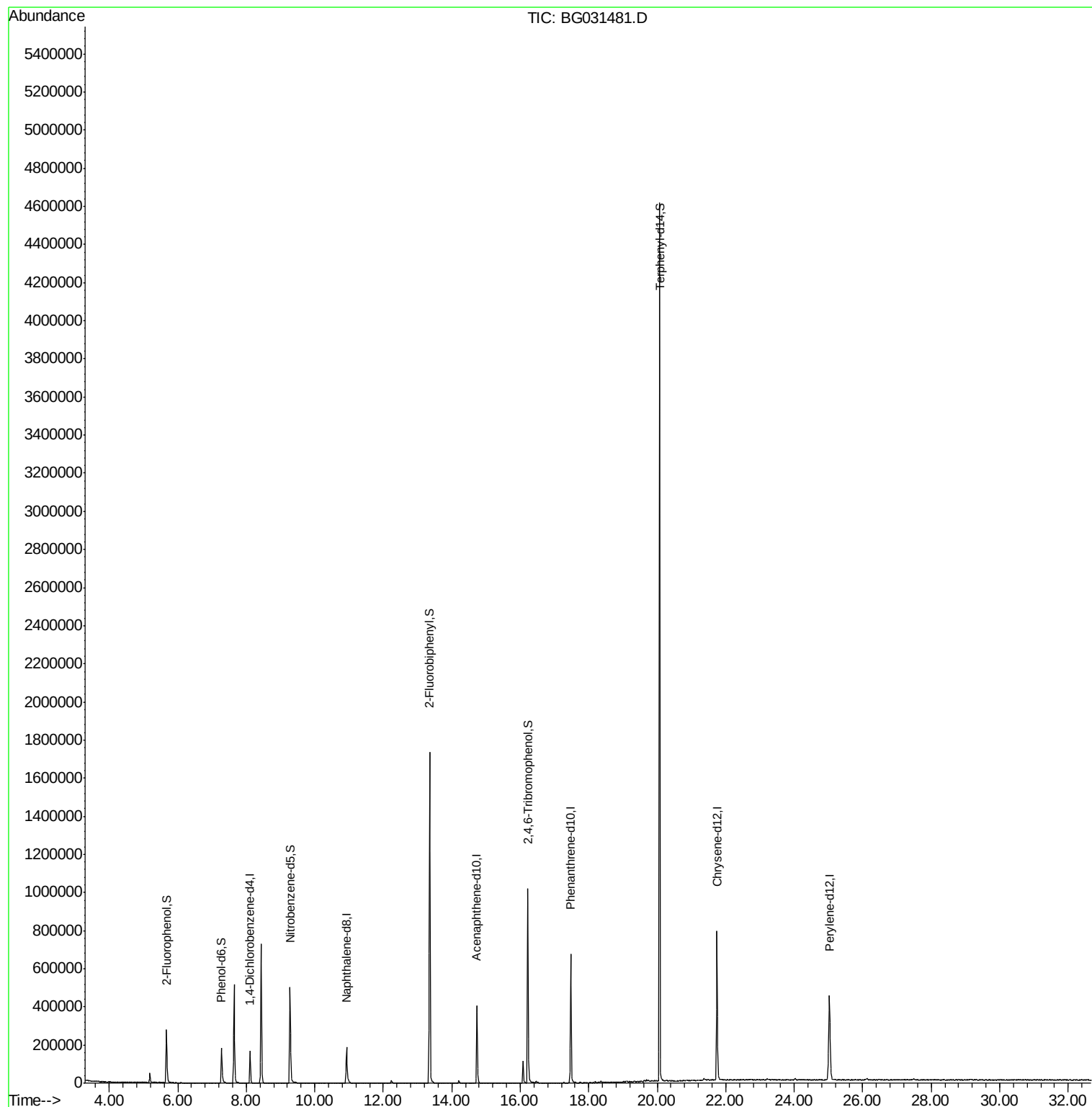
Target Compounds Qvalue

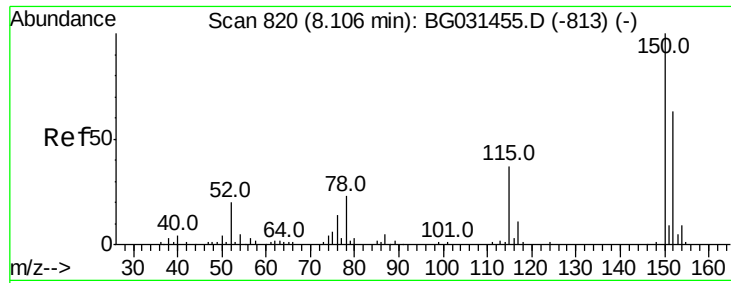
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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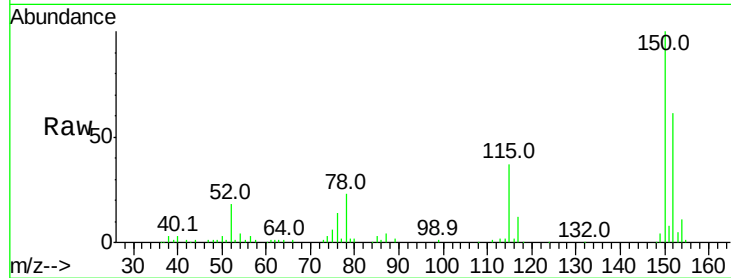




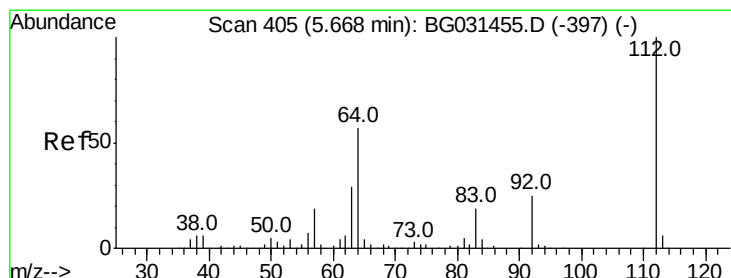
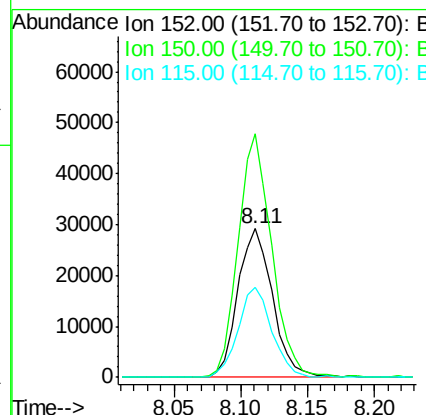
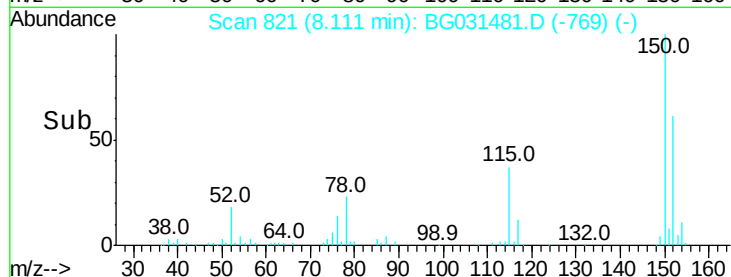
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BG031481.D
 Acq: 12 Dec 2017 8:12

Instrument :
 BNA_G
 ClientSampleId :
 WQ-7

Tot Ion:152 Resp: 52455
 Ion Ratio Lower Upper
 152 100
 150 163.9 126.6 189.8
 115 61.0 53.0 79.4

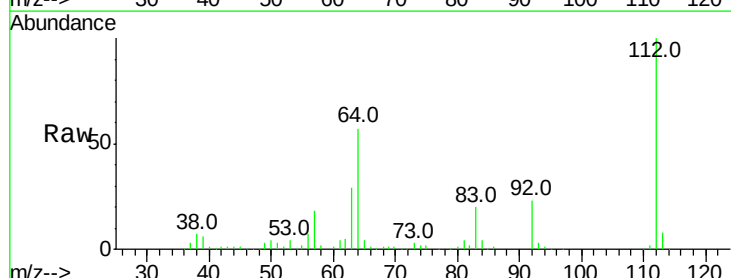


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

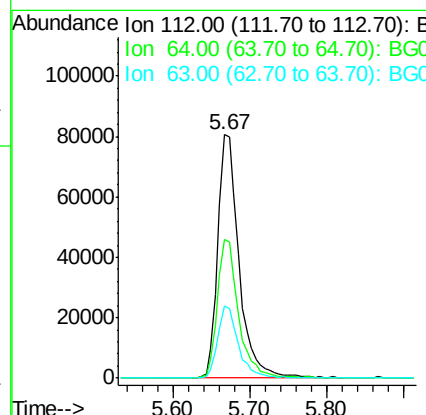
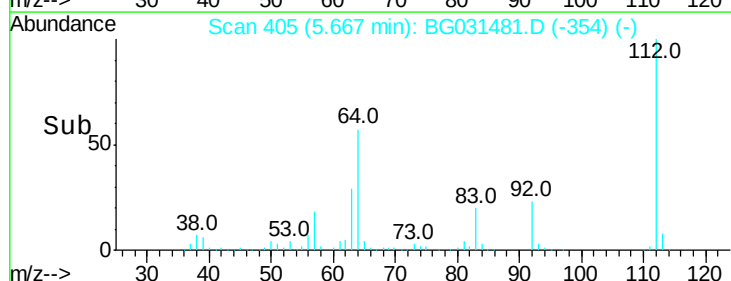


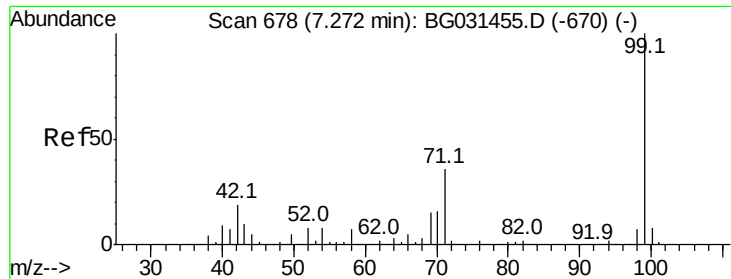
#5
 2-Fluorophenol
 Concen: 51.728 ng
 RT: 5.67 min Scan# 405
 Delta R.T. -0.00 min
 Lab File: BG031481.D
 Acq: 12 Dec 2017 8:12

Tgt Ion:112 Resp: 153082
 Ion Ratio Lower Upper
 112 100
 64 56.9 56.3 84.5
 63 29.4 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 31.502 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG031481.D

Acq: 12 Dec 2017 8:12

Instrument :

BNA_G

ClientSampleId :

WQ-7

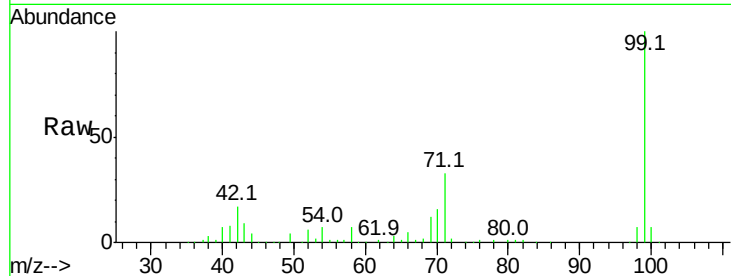
Tot Ion: 99 Resp: 129417

Ion Ratio Lower Upper

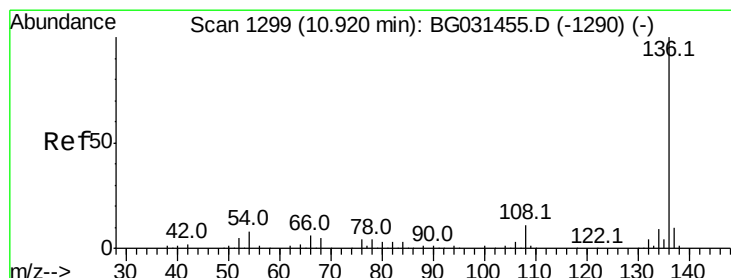
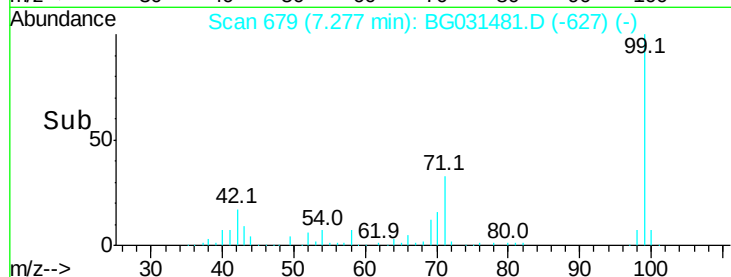
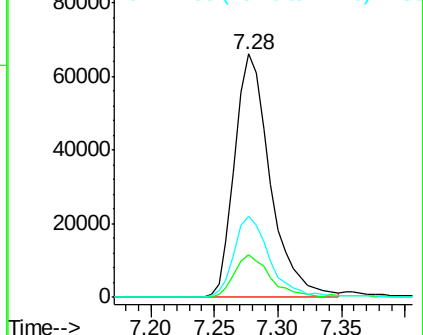
99 100

42 17.4 14.1 21.1

71 33.2 26.1 39.1



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: 10.93 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG031481.D

Acq: 12 Dec 2017 8:12

Tgt Ion: 136 Resp: 222812

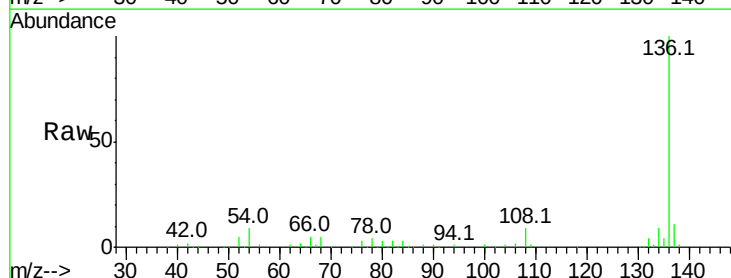
Ion Ratio Lower Upper

136 100

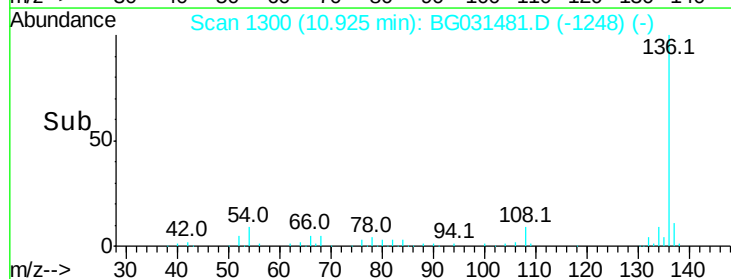
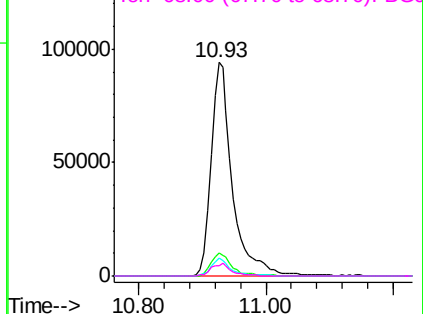
137 10.7 9.2 13.8

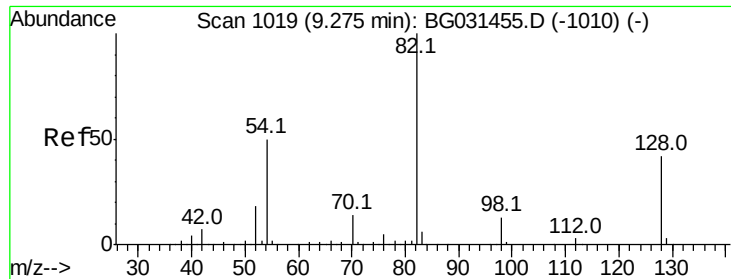
54 8.5 10.3 15.5#

68 4.8 4.5 6.7



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

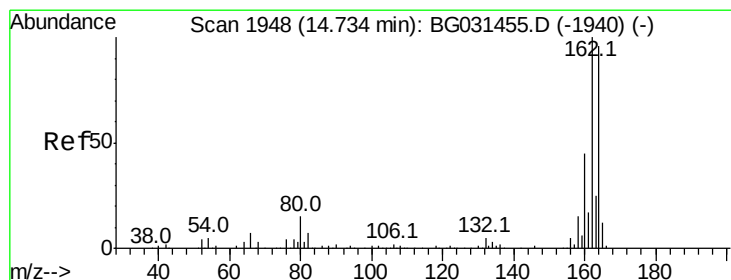
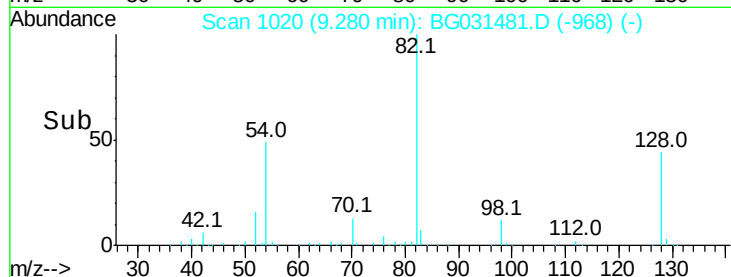
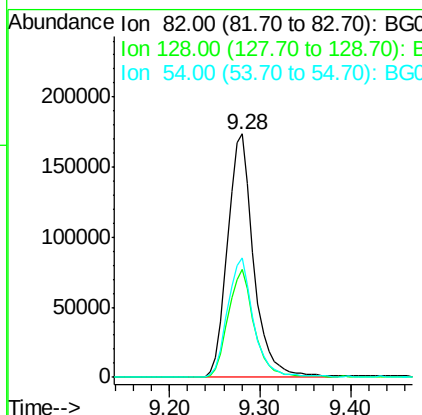
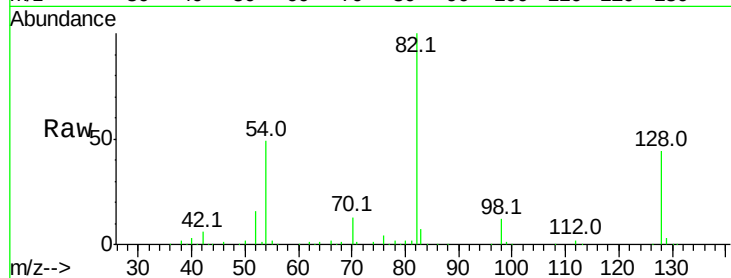




#23
 Nitrobenzene-d5
 Concen: 96.416 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BG031481.D
 Acq: 12 Dec 2017 8:12

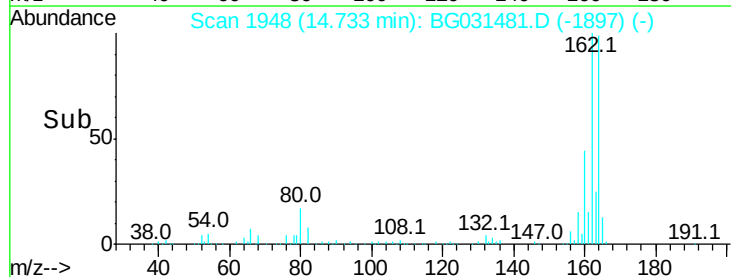
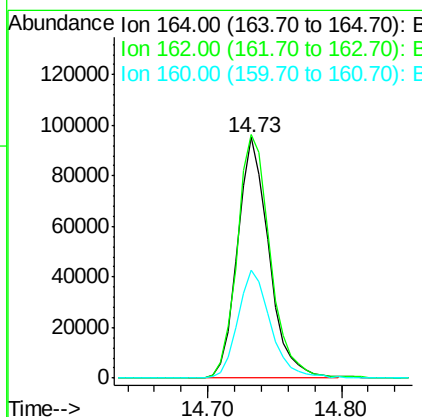
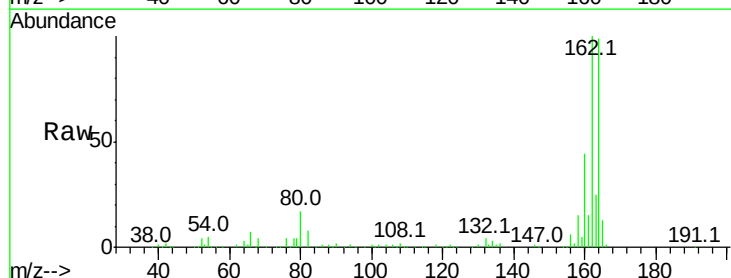
Instrument :
 BNA_G
 ClientSampleId :
 WQ-7

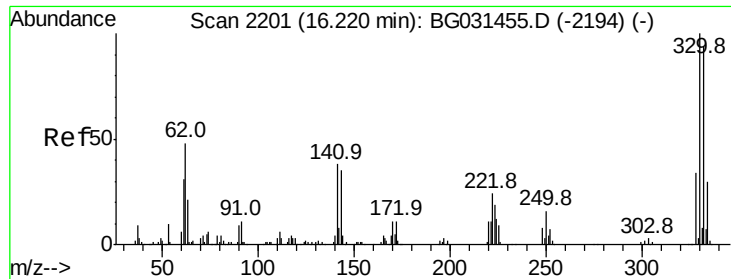
Tot Ion	82	Resp	348537
Ion Ratio	100	Lower	Upper
128	44.3	29.7	44.5
54	49.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031481.D
 Acq: 12 Dec 2017 8:12

Tgt Ion	164	Resp	155392
Ion Ratio	100	Lower	Upper
162	101.2	78.8	118.2
160	44.8	35.4	53.0

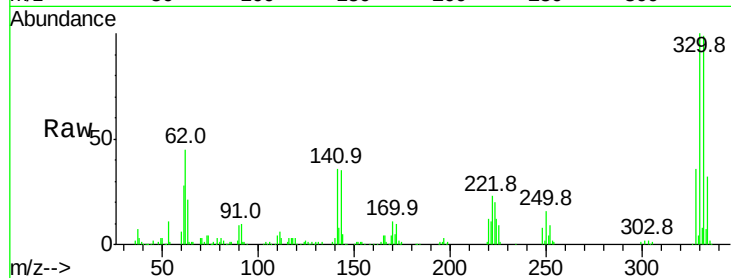




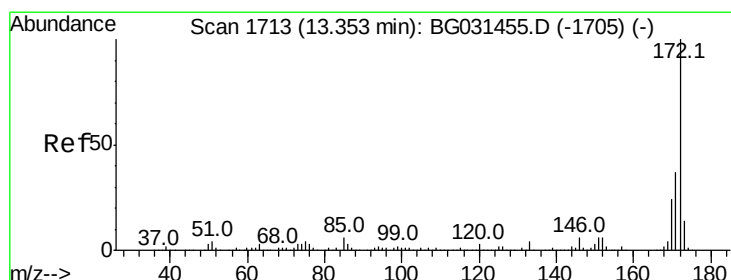
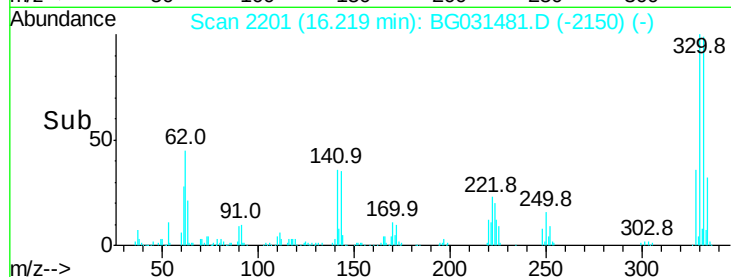
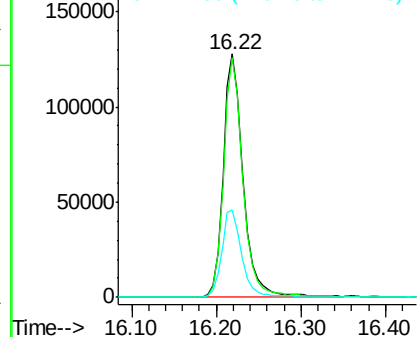
#41
 2,4,6-Tribromophenol
 Concen: 115.646 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031481.D
 Acq: 12 Dec 2017 8:12

Instrument :
 BNA_G
 ClientSampleId :
 WQ-7

Tot Ion:330 Resp: 210531
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 36.6 25.2 37.8

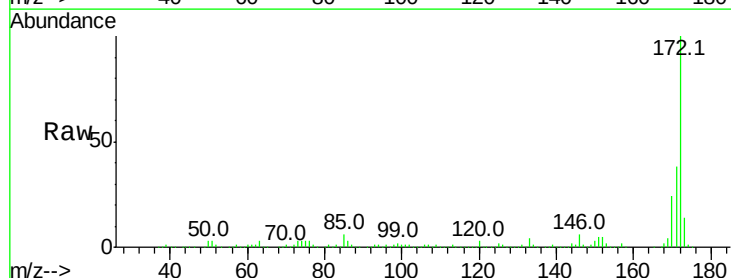


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

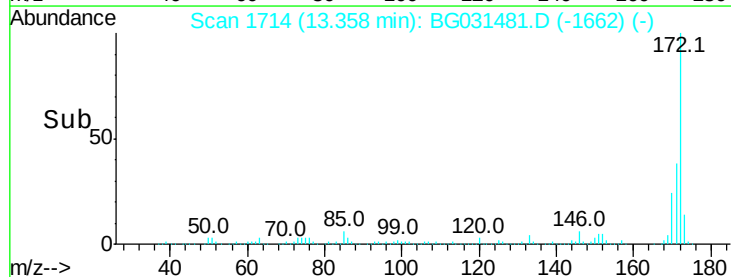
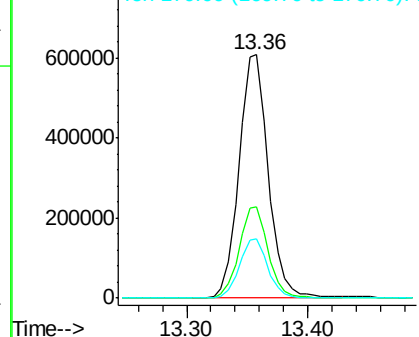


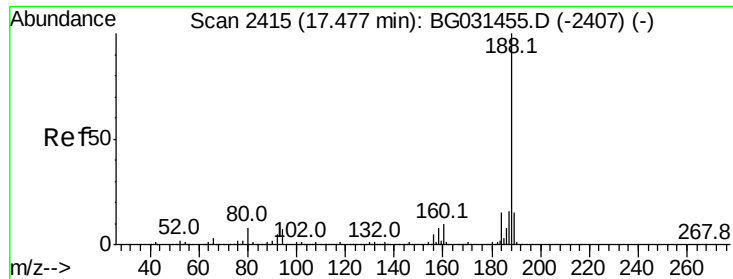
#44
 2-Fluorobiphenyl
 Concen: 97.147 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG031481.D
 Acq: 12 Dec 2017 8:12

Tgt Ion:172 Resp: 1028416
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 24.2 19.5 29.3



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

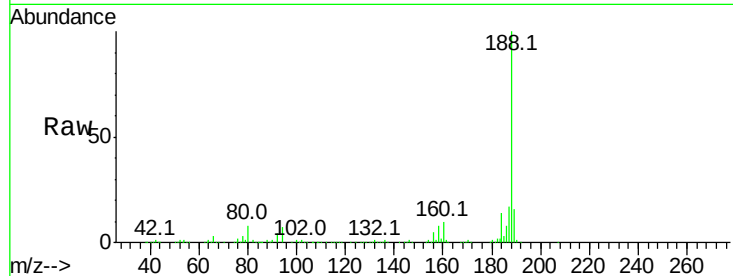




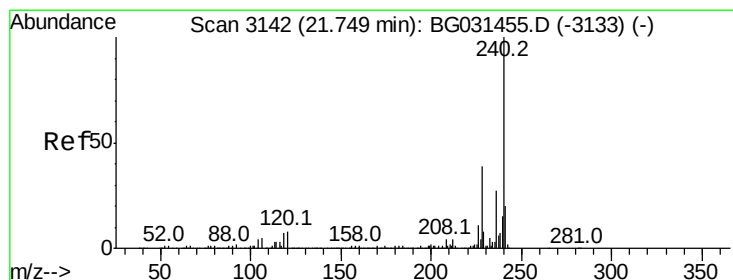
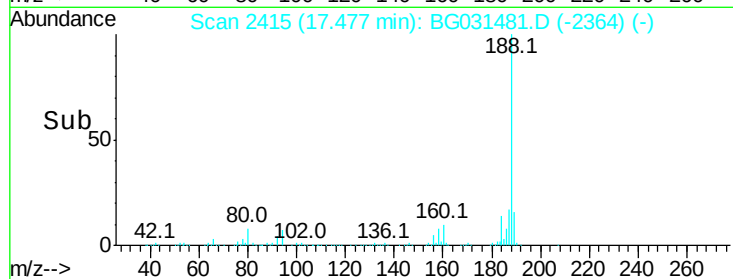
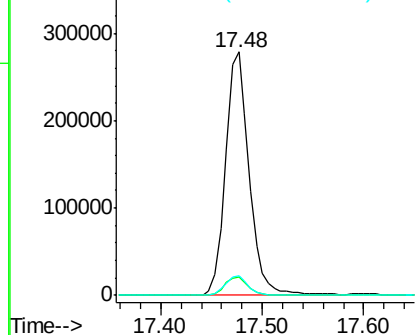
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BG031481.D
Acq: 12 Dec 2017 8:12

Instrument :
BNA_G
ClientSampleId :
WQ-7

Tot Ion:188 Resp: 450456
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 7.8 7.7 11.5

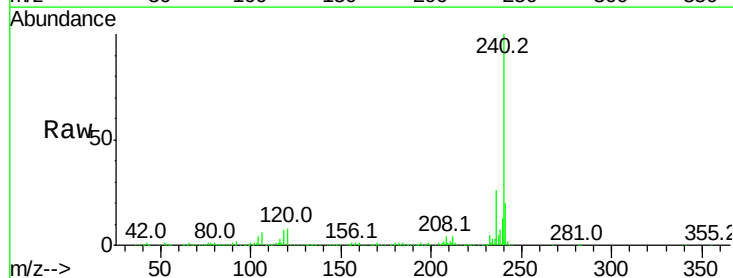


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

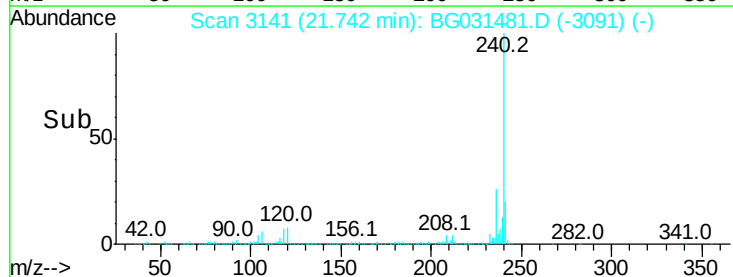
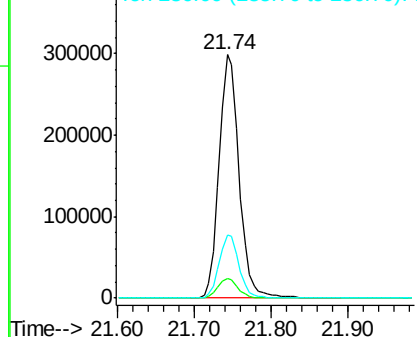


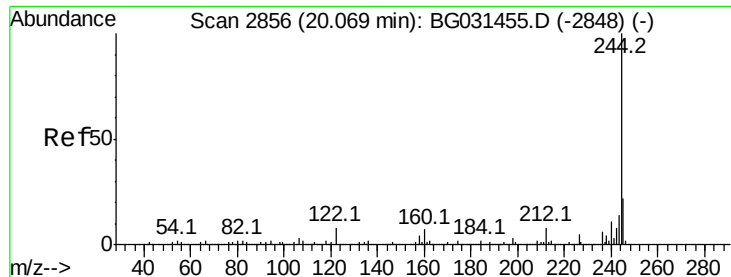
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031481.D
Acq: 12 Dec 2017 8:12

Tgt Ion:240 Resp: 535582
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 26.0 20.9 31.3



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





#78

Terphenyl-d14

Concen: 85.740 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031481.D

Acq: 12 Dec 2017 8:12

Instrument :

BNA_G

ClientSampleId :

WQ-7

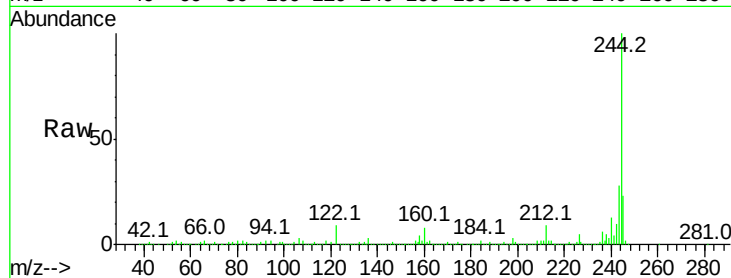
Tot Ion:244 Resp: 2018351

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

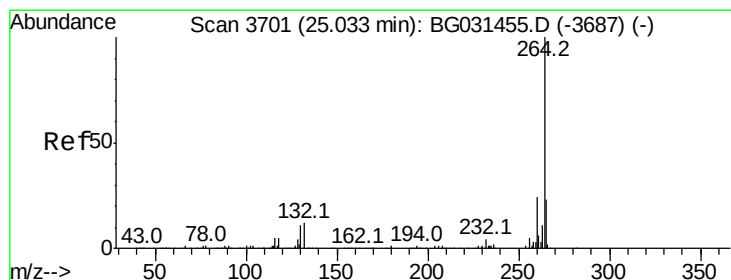
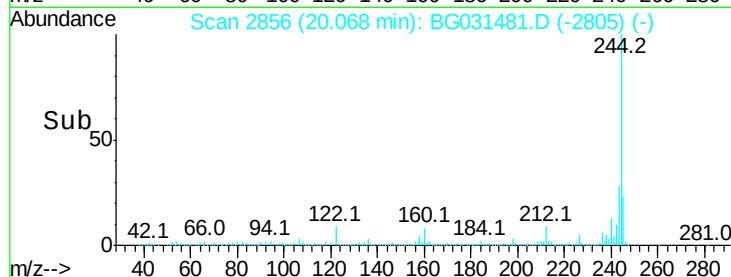
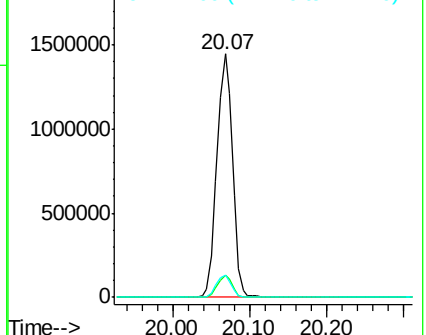
122 9.1 7.0 10.4



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: 25.03 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BG031481.D

Acq: 12 Dec 2017 8:12

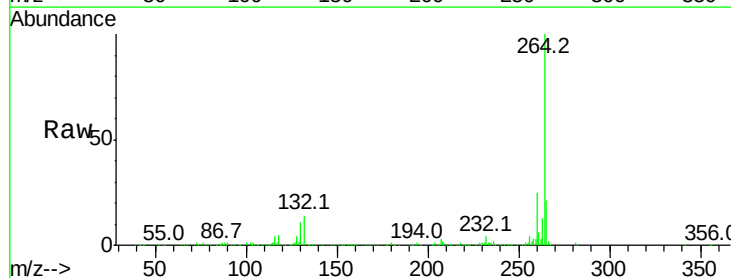
Tgt Ion:264 Resp: 514210

Ion Ratio Lower Upper

264 100

260 25.3 17.4 26.0

265 21.0 17.7 26.5



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

