

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031479.D
 Acq On : 12 Dec 2017 6:57
 Operator : SJ/JU
 Sample : I6766-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WQ-4

Quant Time: Dec 12 11:26:48 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	48338	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	205539	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	146804	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	426730	20.00	ng	0.00
75) Chrysene-d12	21.75	240	508265	20.00	ng	0.00
86) Perylene-d12	25.02	264	476215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	129408	47.45	ng	0.00
7) Phenol-d6	7.27	99	120040	31.71	ng	0.00
23) Nitrobenzene-d5	9.28	82	311201	93.32	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	190964	111.03	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	939776	93.97	ng	0.00
78) Terphenyl-d14	20.07	244	1839646	82.35	ng	0.00

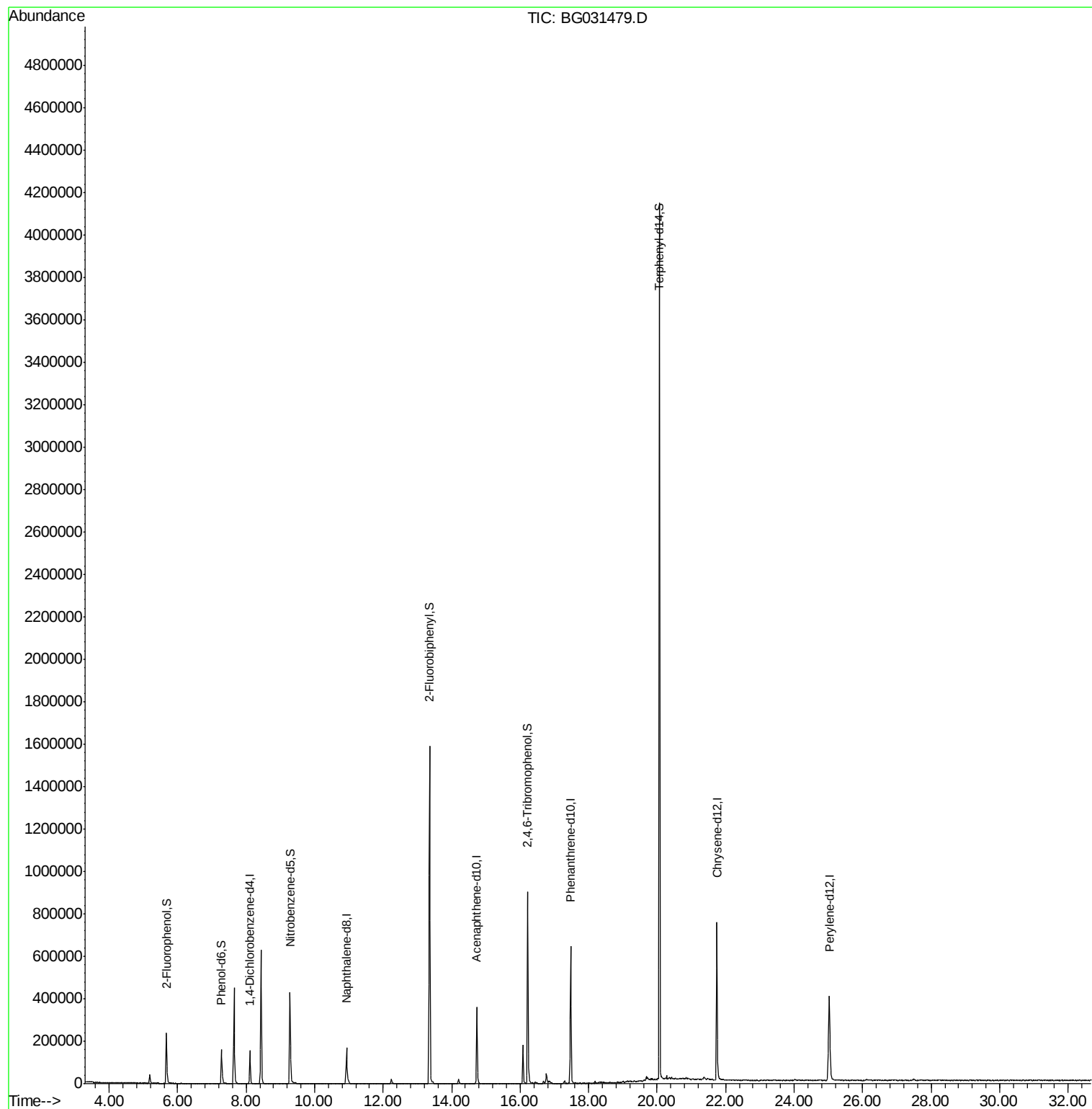
Target Compounds Qvalue

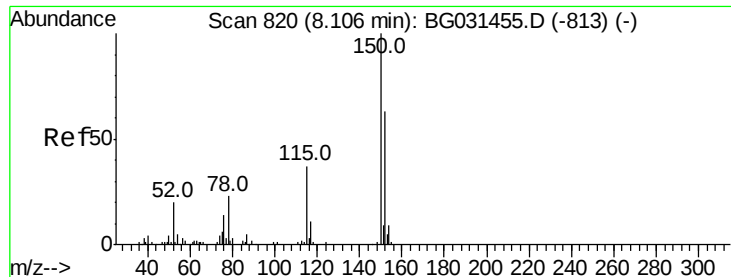
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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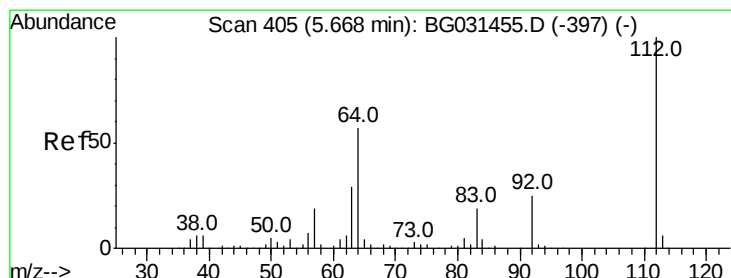
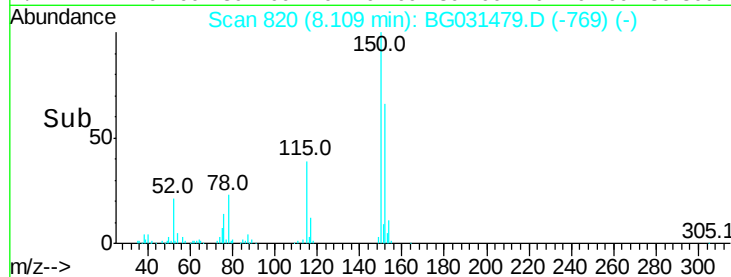
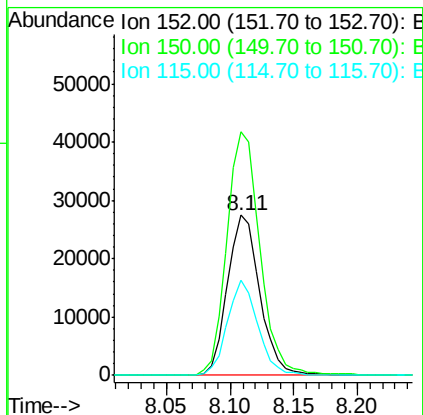
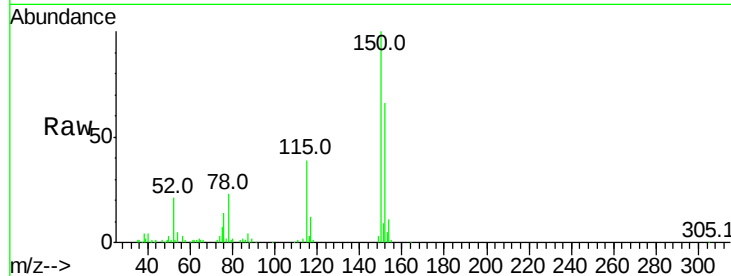


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG031479.D
Acq: 12 Dec 2017 6:57

Instrument :
BNA_G
ClientSampleId :
WQ-4

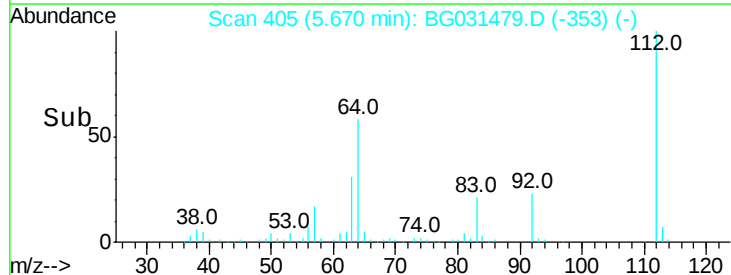
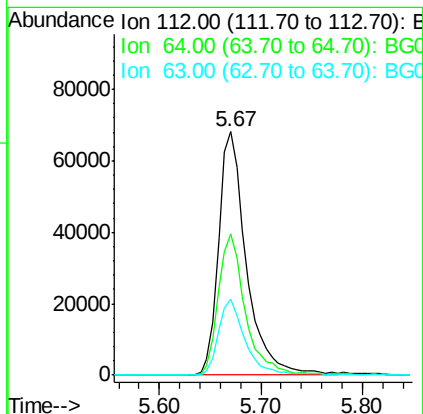
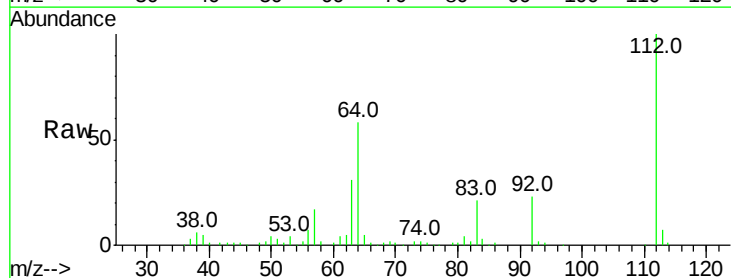
Tot Ion:152 Resp: 48338
Ion Ratio Lower Upper
152 100
150 152.1 126.6 189.8
115 59.0 53.0 79.4



#5

2-Fluorophenol
Concen: 47.453 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031479.D
Acq: 12 Dec 2017 6:57

Tgt Ion:112 Resp: 129408
Ion Ratio Lower Upper
112 100
64 58.0 56.3 84.5
63 31.3 30.1 45.1





#7

Phenol-d6

Concen: 31.708 ng

RT: 7.27 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG031479.D

Acq: 12 Dec 2017 6:57

Instrument :

BNA_G

ClientSampleId :

WQ-4

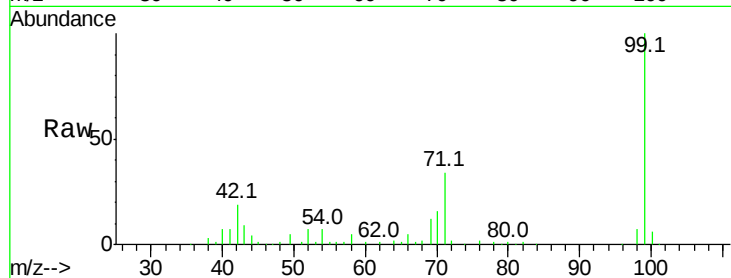
Tot Ion: 99 Resp: 120040

Ion Ratio Lower Upper

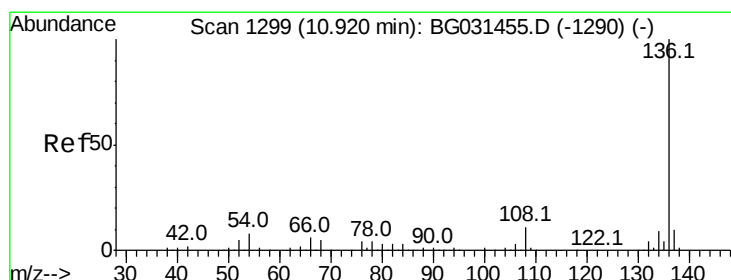
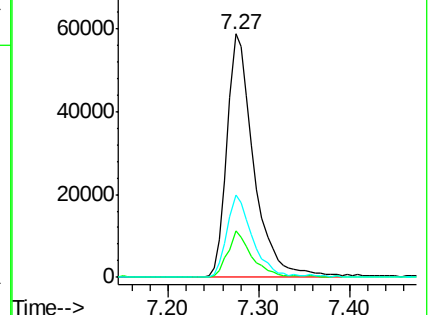
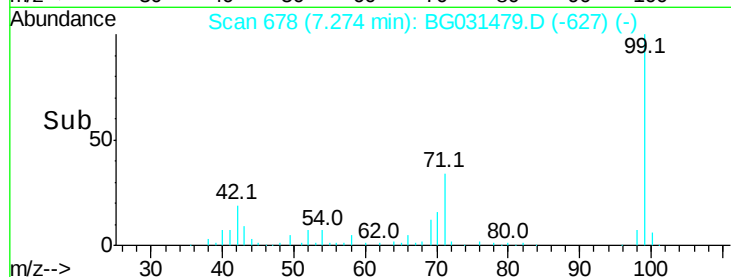
99 100

42 19.2 14.1 21.1

71 33.6 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. 0.01 min

Lab File: BG031479.D

Acq: 12 Dec 2017 6:57

Tgt Ion: 136 Resp: 205539

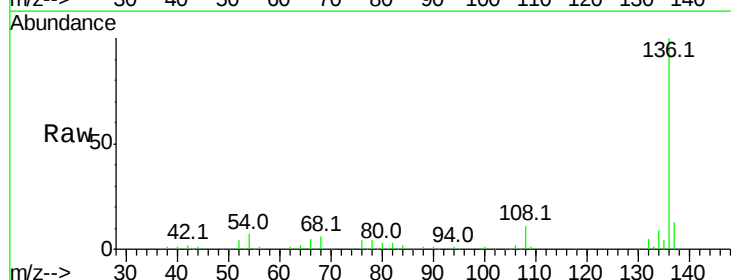
Ion Ratio Lower Upper

136 100

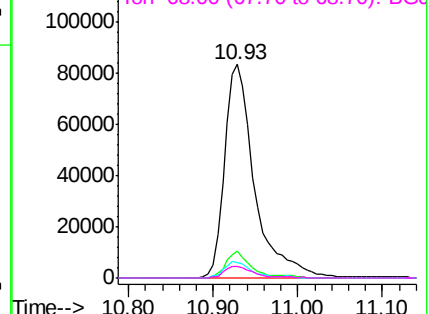
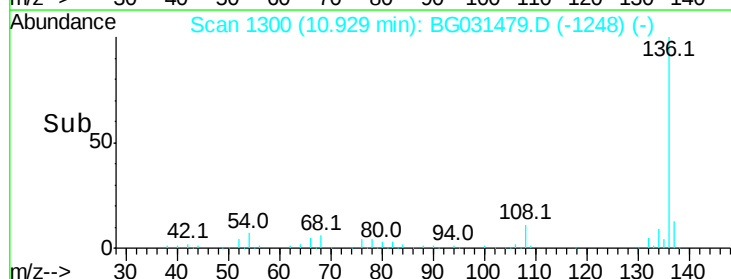
137 12.5 9.2 13.8

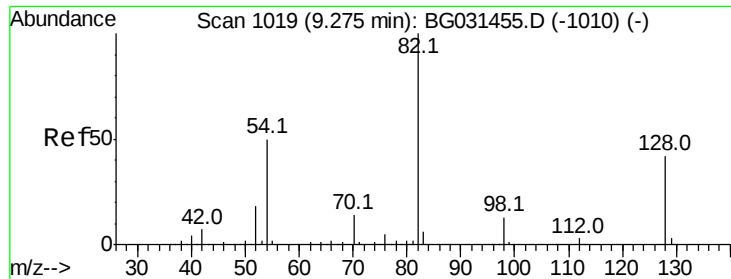
54 7.5 10.3 15.5#

68 5.6 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

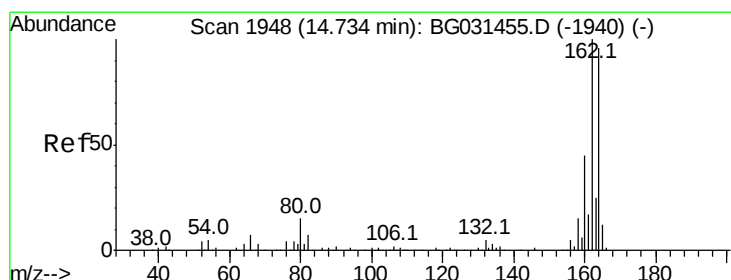
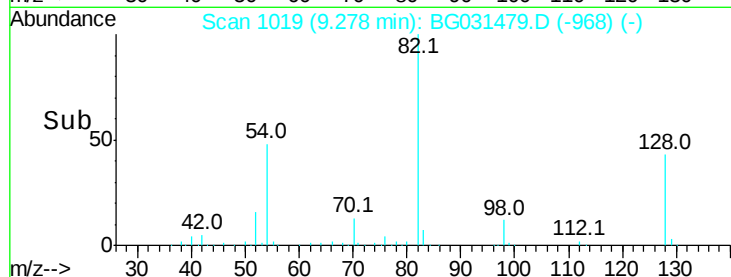
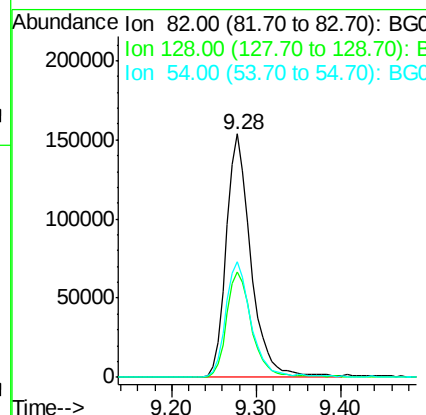
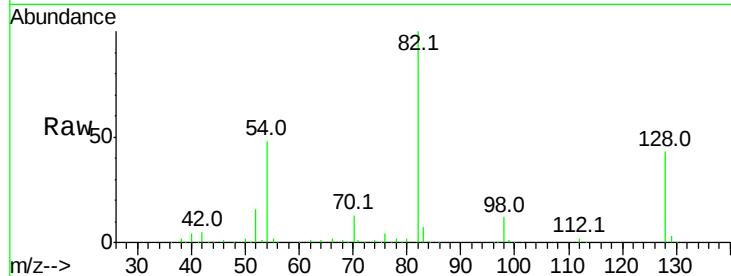




#23
Nitrobenzene-d5
Concen: 93.322 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG031479.D
Acq: 12 Dec 2017 6:57

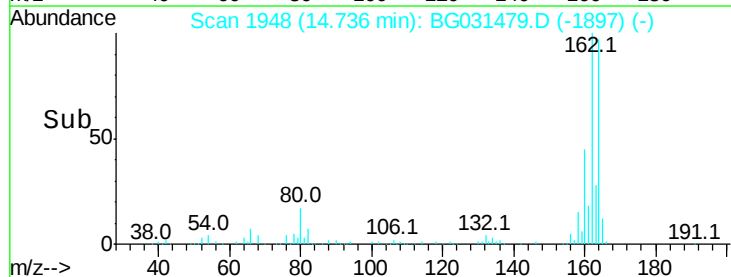
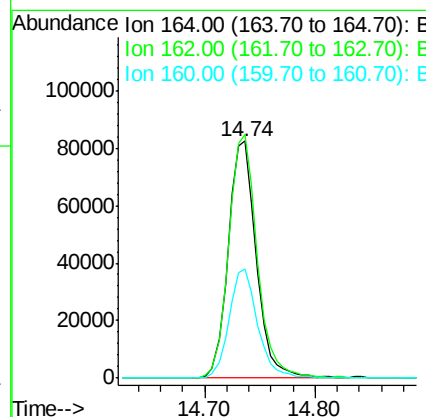
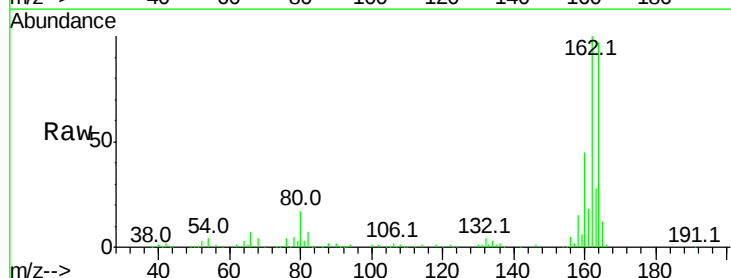
Instrument :
BNA_G
ClientSampleId :
WQ-4

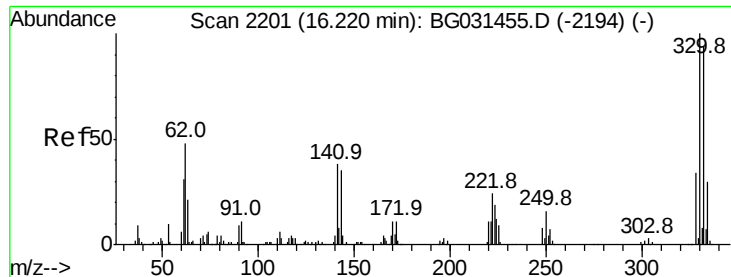
Tot Ion	82	Resp	311201
Ion Ratio	Lower	Upper	
82	100		
128	43.1	29.7	44.5
54	47.5	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG031479.D
Acq: 12 Dec 2017 6:57

Tgt Ion	164	Resp	146804
Ion Ratio	Lower	Upper	
164	100		
162	102.9	78.8	118.2
160	46.4	35.4	53.0

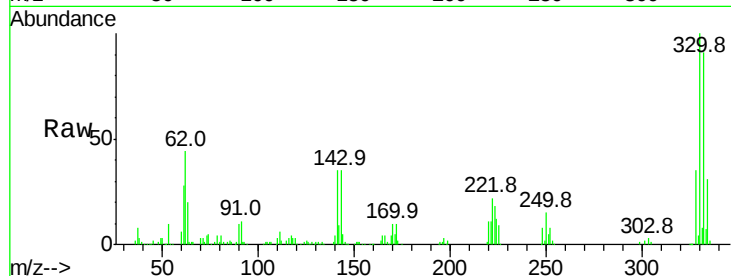




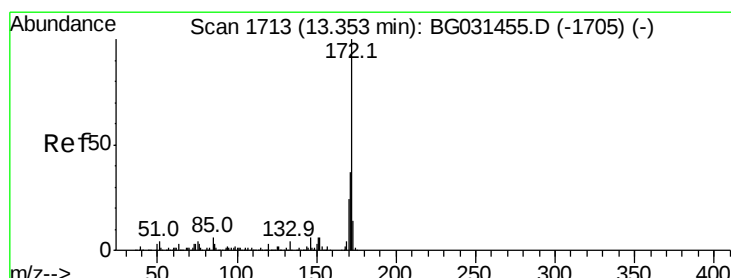
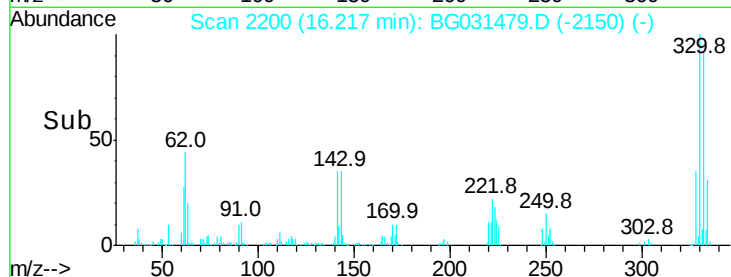
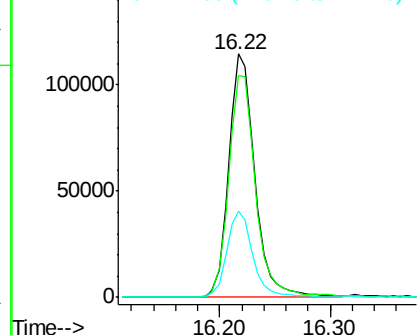
#41
 2,4,6-Tribromophenol
 Concen: 111.034 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG031479.D
 Acq: 12 Dec 2017 6:57

Instrument :
 BNA_G
 ClientSampleId :
 WQ-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	35.0	25.2	37.8

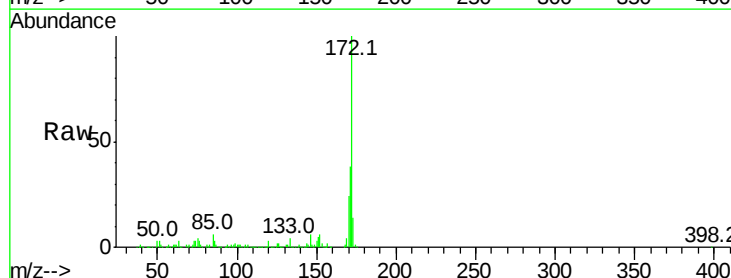


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

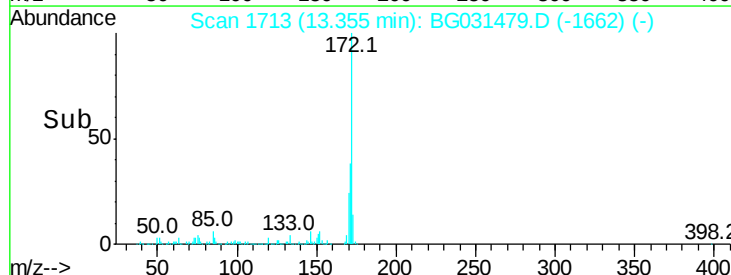
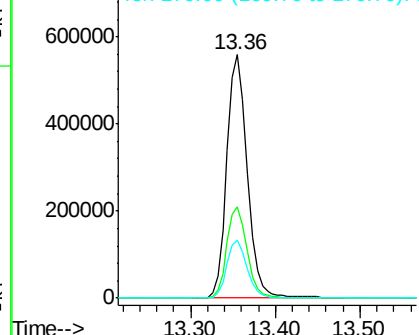


#44
 2-Fluorobiphenyl
 Concen: 93.967 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031479.D
 Acq: 12 Dec 2017 6:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.0	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

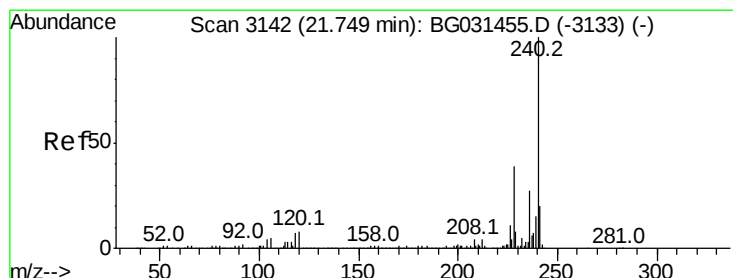
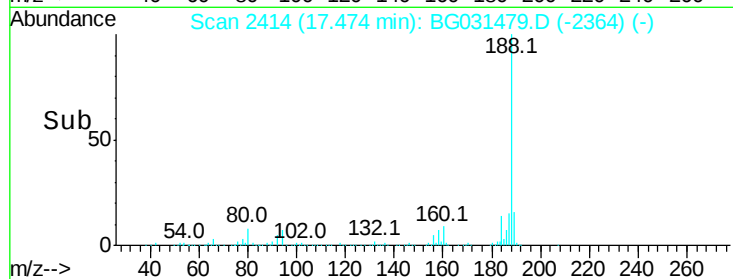
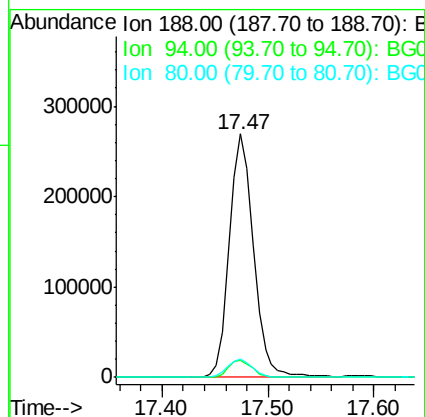
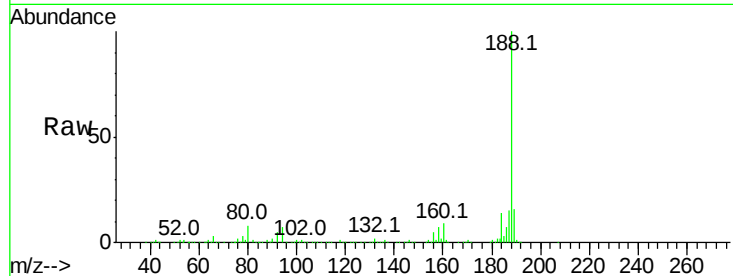




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG031479.D
Acq: 12 Dec 2017 6:57

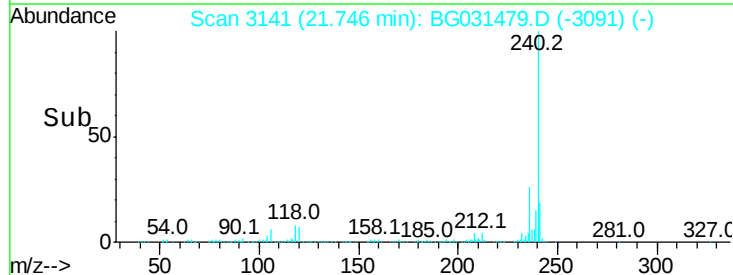
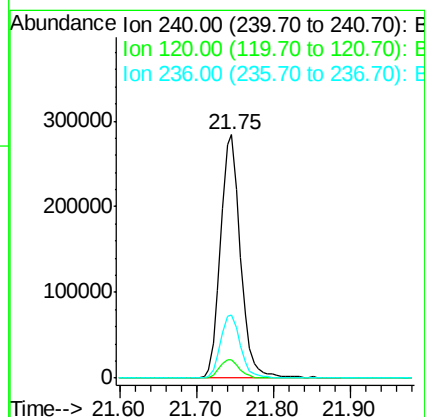
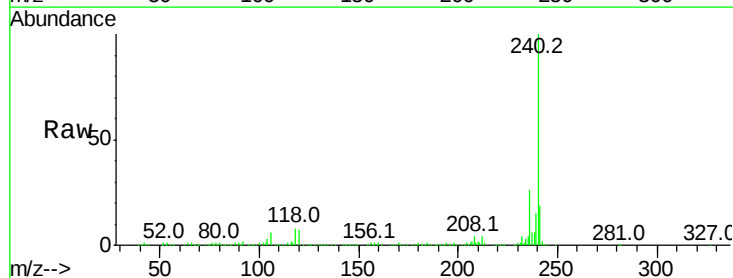
Instrument :
BNA_G
ClientSampleId :
WQ-4

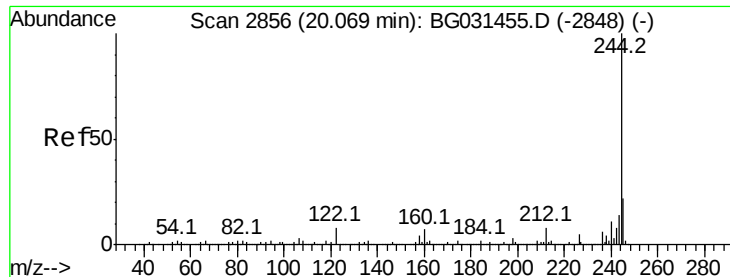
Tot Ion:188 Resp: 426730
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 7.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG031479.D
Acq: 12 Dec 2017 6:57

Tgt Ion:240 Resp: 508265
Ion Ratio Lower Upper
240 100
120 7.3 6.8 10.2
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 82.349 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG031479.D

Acq: 12 Dec 2017 6:57

Instrument :

BNA_G

ClientSampleId :

WQ-4

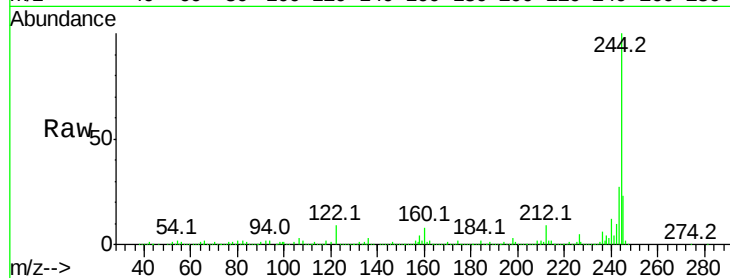
Tot Ion:244 Resp: 1839646

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

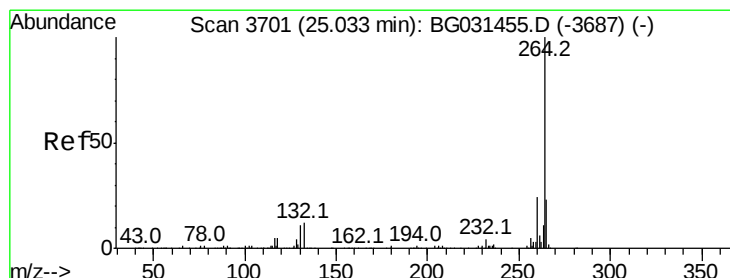
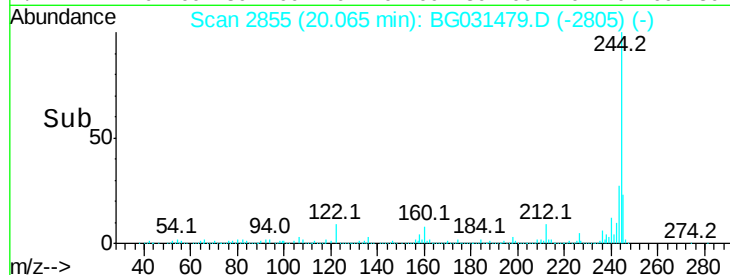
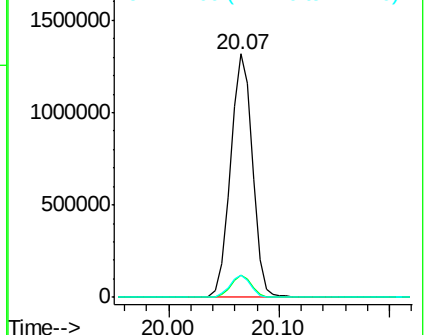
122 9.3 7.0 10.4



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: 25.02 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BG031479.D

Acq: 12 Dec 2017 6:57

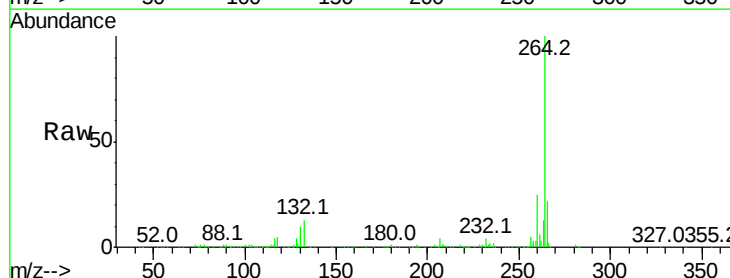
Tgt Ion:264 Resp: 476215

Ion Ratio Lower Upper

264 100

260 25.5 17.4 26.0

265 21.7 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

