

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
 Data File : BG031648.D
 Acq On : 18 Dec 2017 23:59
 Operator : SJ/JU
 Sample : I6744-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PROS- 3-E(11-12)

Quant Time: Dec 19 07:55:50 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

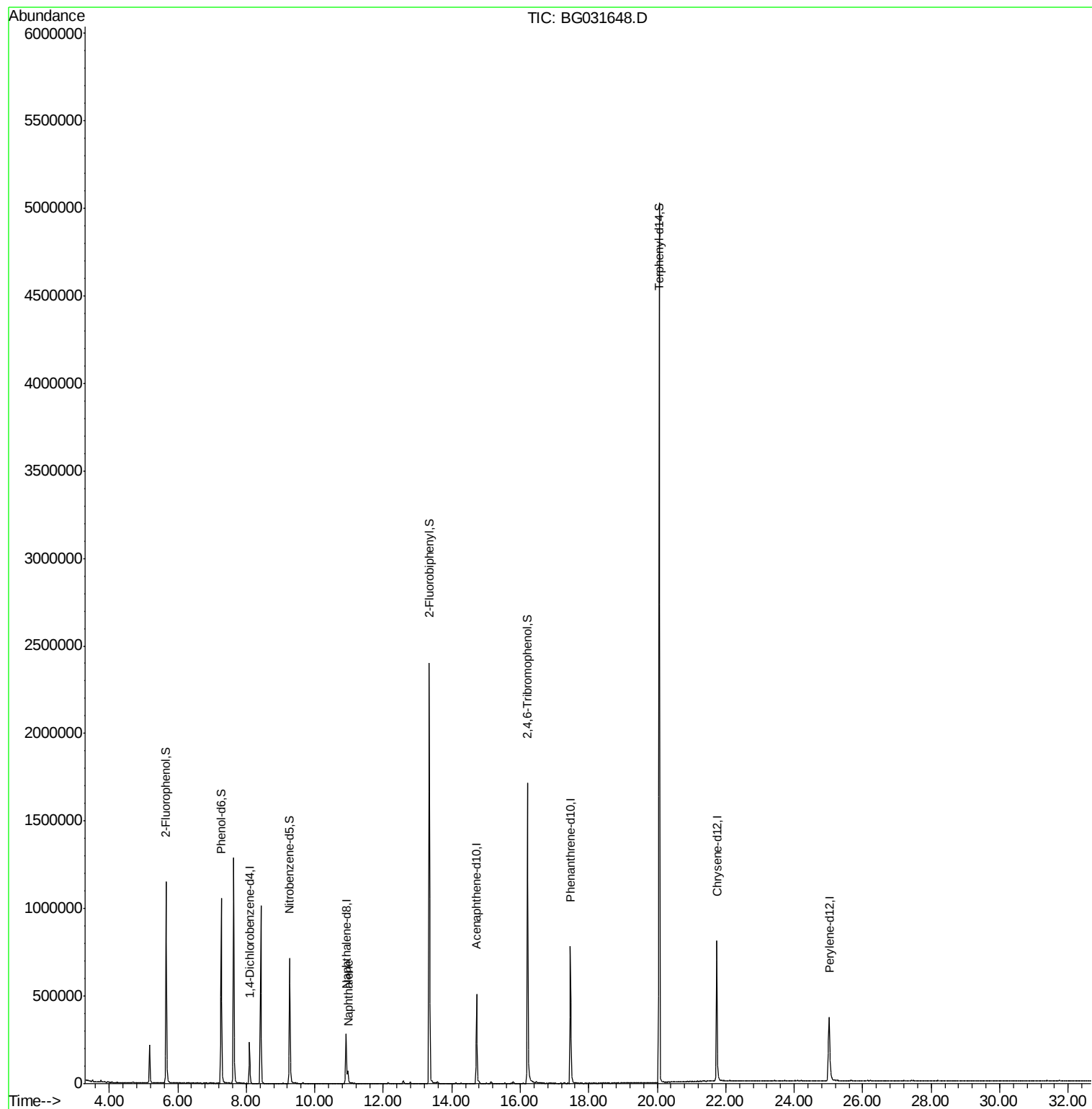
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	75719	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	321402	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	211697	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	559043	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	567415	20.00	ng	-0.01
86) Perylene-d12	25.02	264	489411	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	596523	139.64	ng	-0.01
7) Phenol-d6	7.27	99	705300	118.93	ng	0.00
23) Nitrobenzene-d5	9.27	82	490354	94.04	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	408329	164.64	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1452660	100.72	ng	0.00
78) Terphenyl-d14	20.06	244	2471777	99.11	ng	-0.01
Target Compounds						
31) Naphthalene	10.97	128	63508	4.022	ng	Qvalue # 94

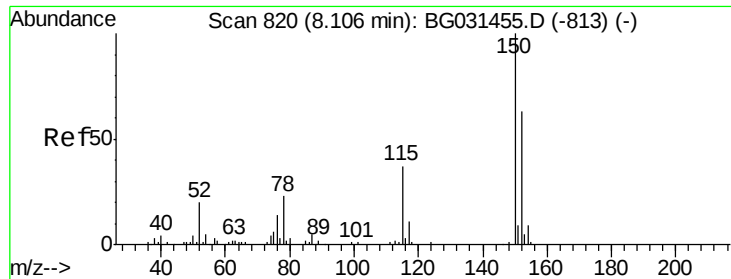
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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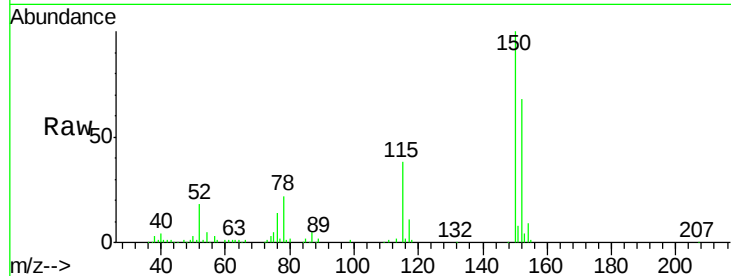


#1

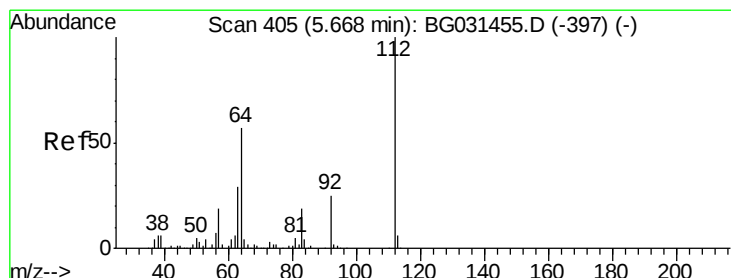
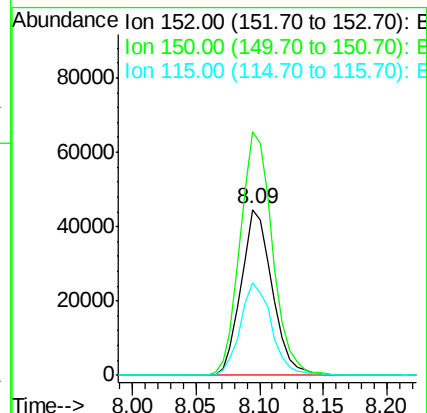
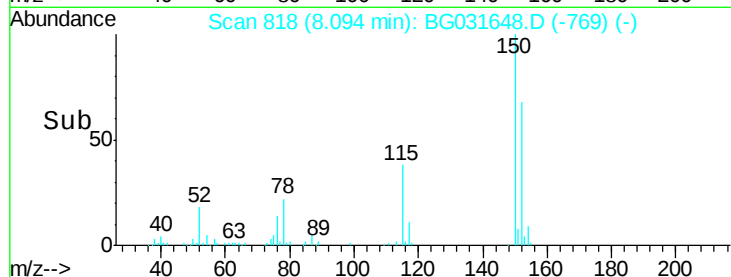
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031648.D
Acq: 18 Dec 2017 23:59

Instrument :
BNA_G
ClientSampleId :
PROS-3-E(11-12)

Tgt Ion:152 Resp: 75719
Ion Ratio Lower Upper
152 100
150 146.6 126.6 189.8
115 55.6 53.0 79.4



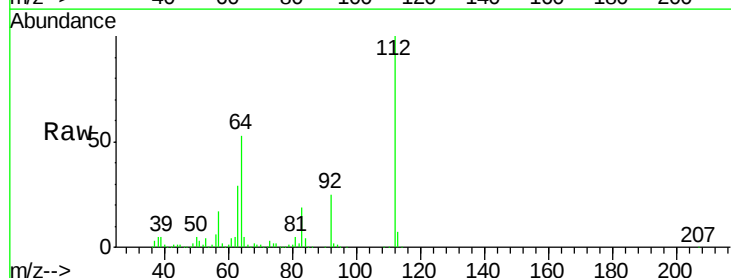
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



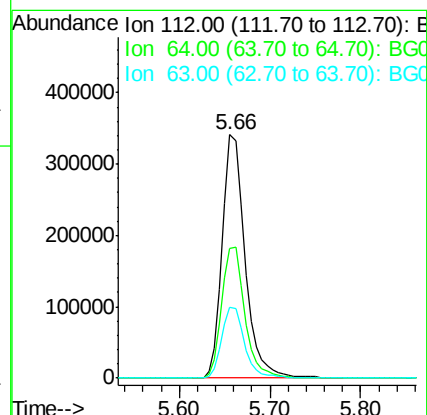
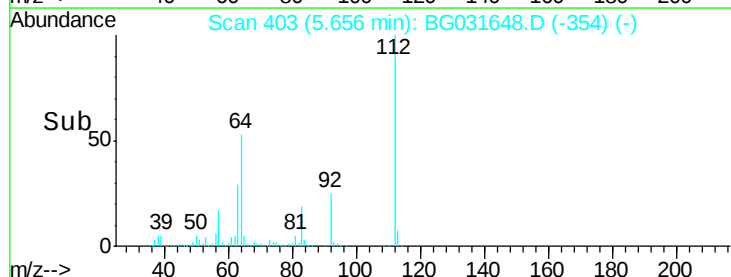
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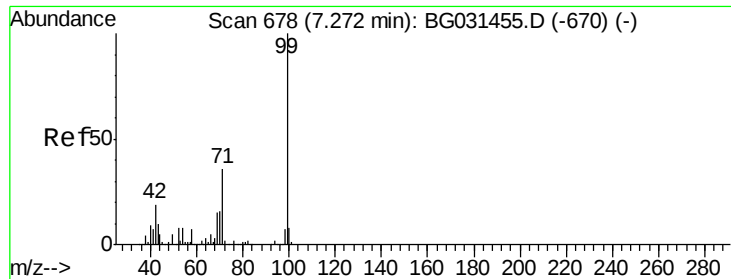
2-Fluorophenol
Concen: 139.641 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031648.D
Acq: 18 Dec 2017 23:59

Tgt Ion:112 Resp: 596523
Ion Ratio Lower Upper
112 100
64 53.5 56.3 84.5#
63 29.1 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: 118.932 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031648.D

Acq: 18 Dec 2017 23:59

Instrument :

BNA_G

ClientSampleId :

PROS-3-E(11-12)

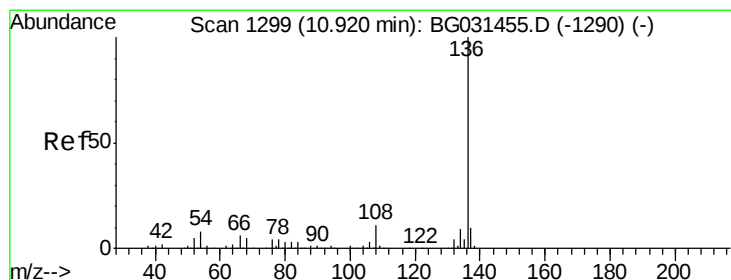
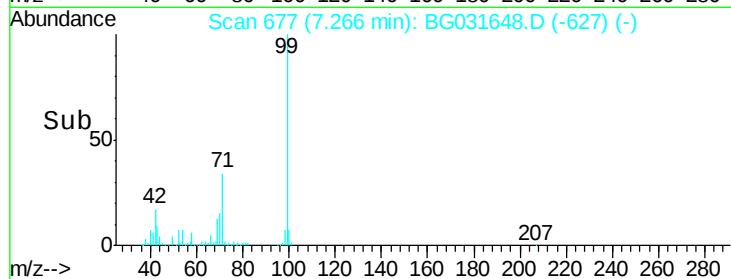
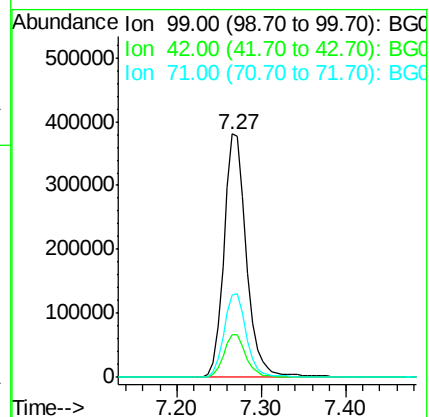
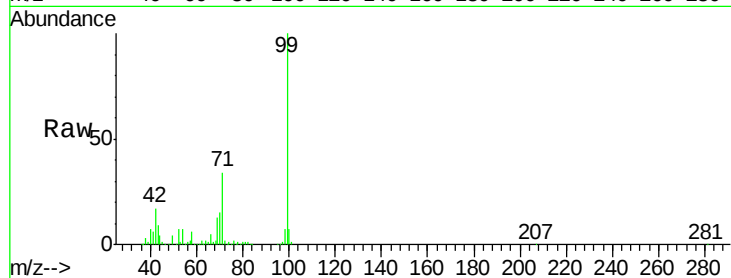
Tgt Ion: 99 Resp: 705300

Ion Ratio Lower Upper

99 100

42 17.5 14.1 21.1

71 33.6 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031648.D

Acq: 18 Dec 2017 23:59

Tgt Ion: 136 Resp: 321402

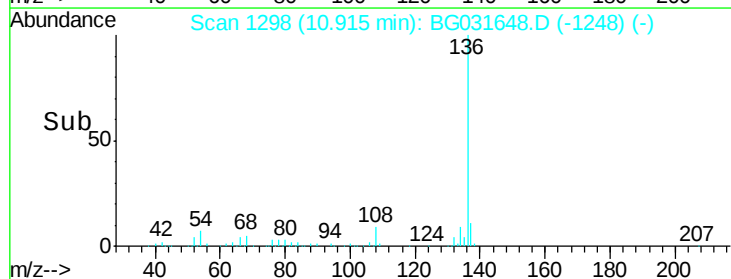
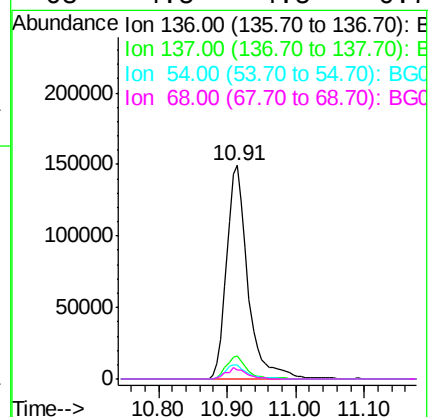
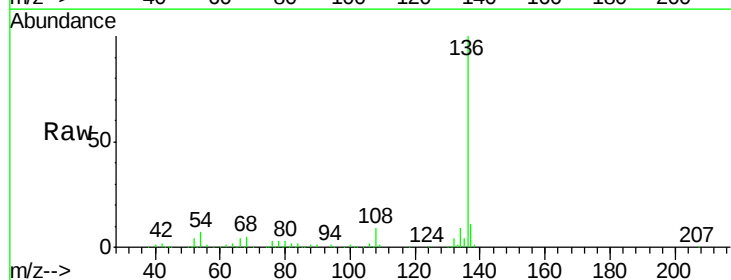
Ion Ratio Lower Upper

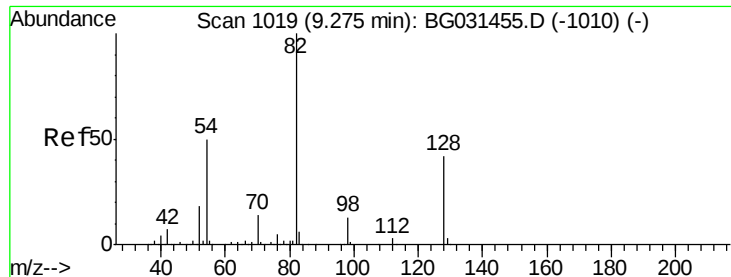
136 100

137 10.9 9.2 13.8

54 6.9 10.3 15.5#

68 4.5 4.5 6.7

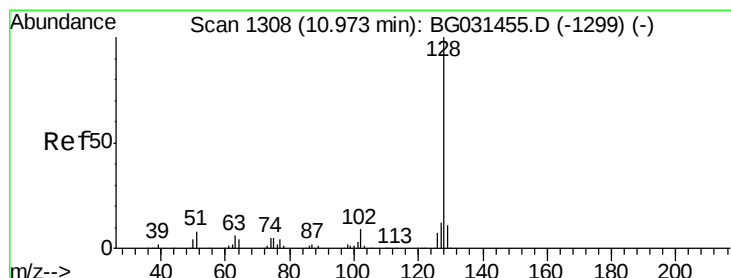
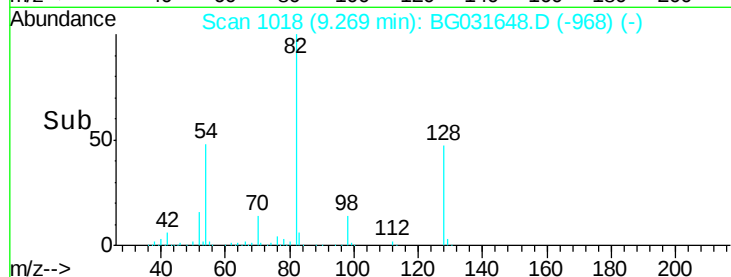
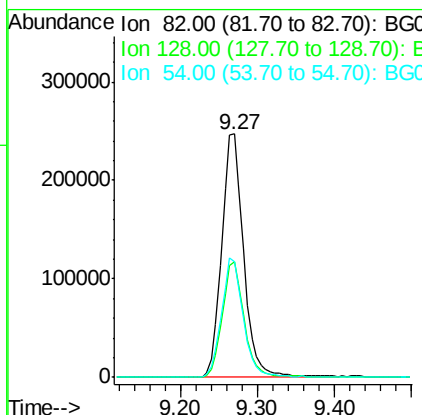
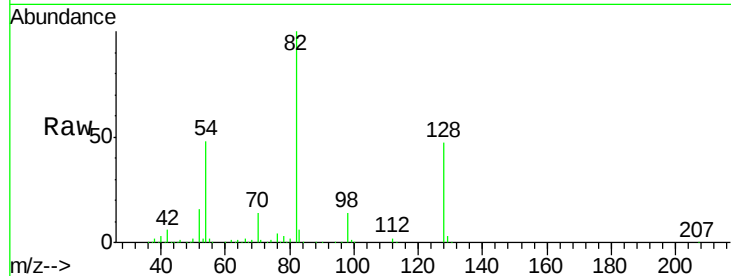




#23
Nitrobenzene-d5
Concen: 94.037 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031648.D
Acq: 18 Dec 2017 23:59

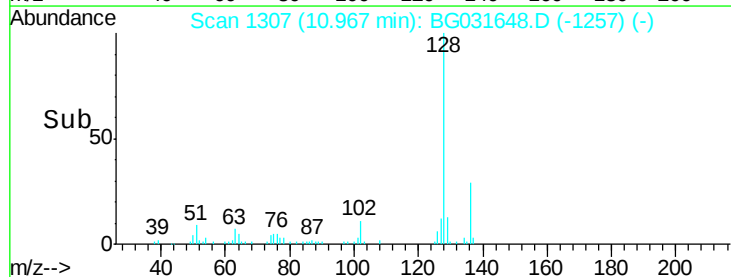
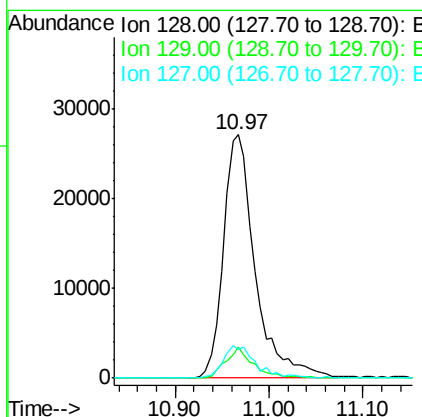
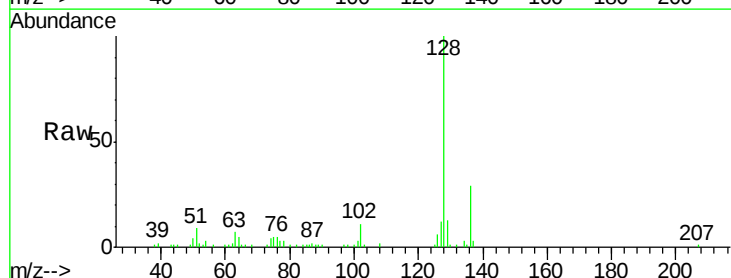
Instrument :
BNA_G
ClientSampleId :
PROS-3-E(11-12)

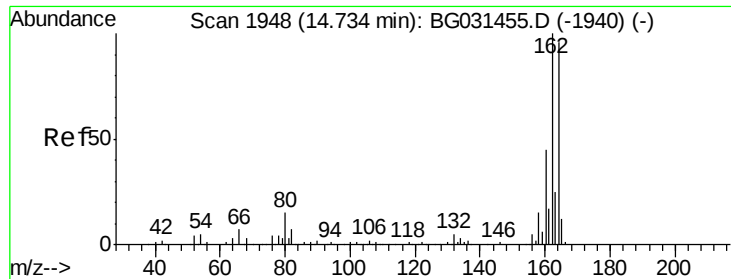
Tgt Ion: 82 Resp: 490354
Ion Ratio Lower Upper
82 100
128 47.3 29.7 44.5#
54 47.6 43.1 64.7



#31
Naphthalene
Concen: 4.022 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG031648.D
Acq: 18 Dec 2017 23:59

Tgt Ion: 128 Resp: 63508
Ion Ratio Lower Upper
128 100
129 13.1 8.6 12.8#
127 12.0 11.6 17.4

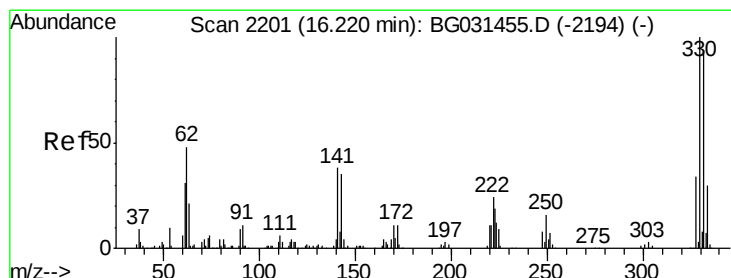
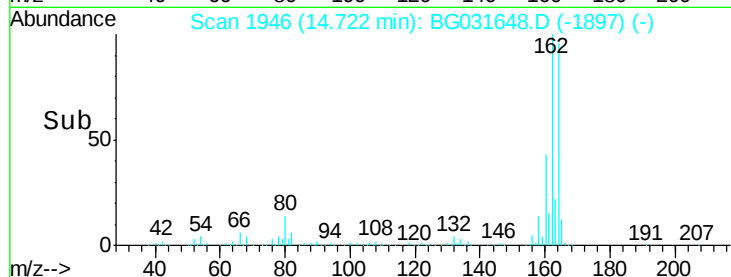
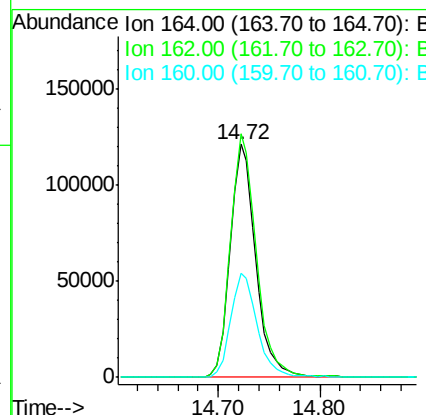
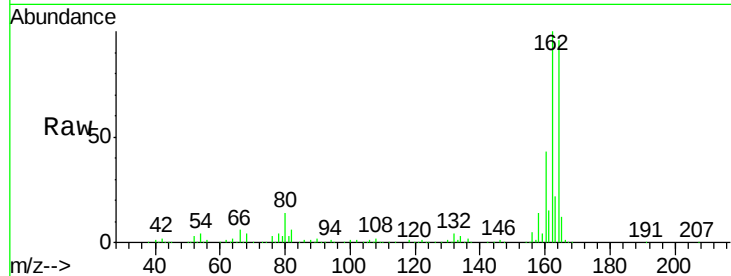




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031648.D
 Acq: 18 Dec 2017 23:59

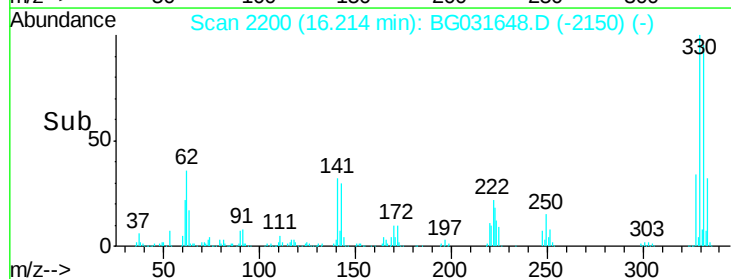
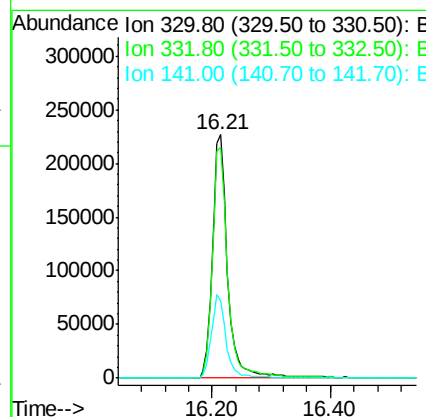
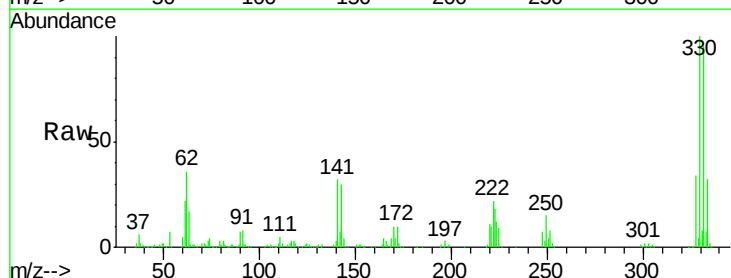
Instrument :
 BNA_G
 ClientSampleId :
 PROS-3-E(11-12)

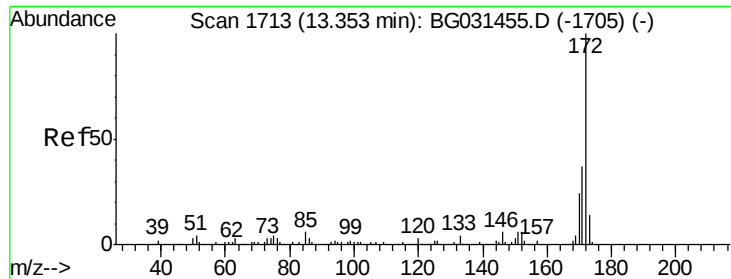
Tgt Ion:164 Resp: 211697
 Ion Ratio Lower Upper
 164 100
 162 104.6 78.8 118.2
 160 44.9 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 164.641 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031648.D
 Acq: 18 Dec 2017 23:59

Tgt Ion:330 Resp: 408329
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 33.1 25.2 37.8

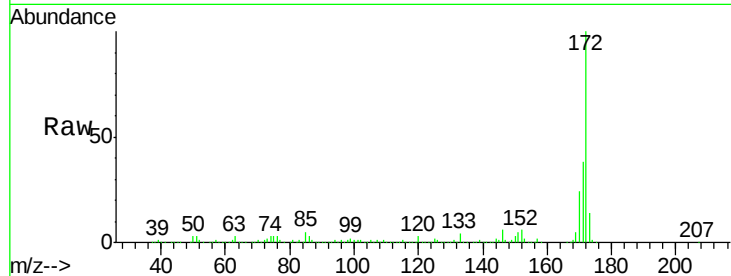




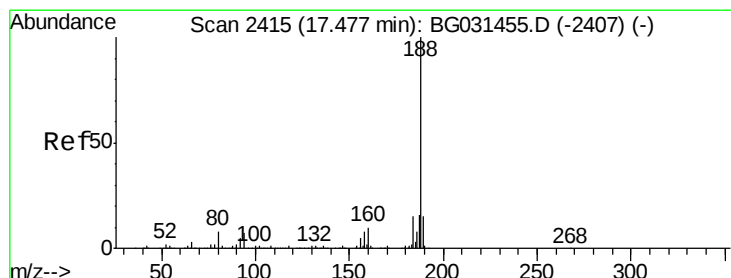
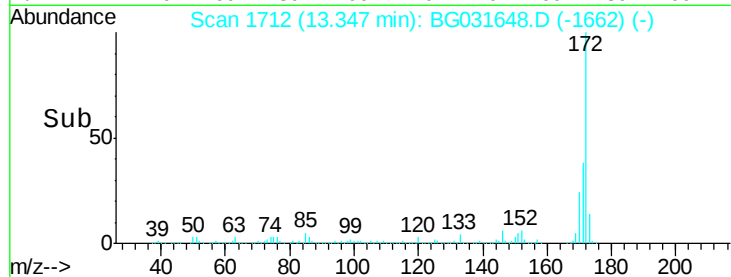
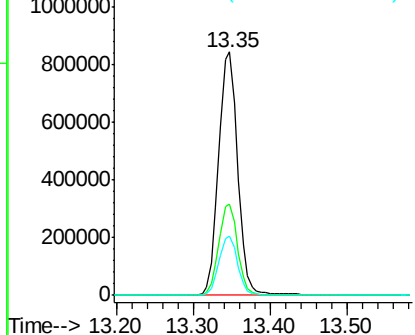
#44
 2-Fluorobiphenyl
 Concen: 100.725 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031648.D
 Acq: 18 Dec 2017 23:59

Instrument :
 BNA_G
 ClientSampleId :
 PROS- 3-E(11-12)

Tgt Ion:172 Resp: 1452660
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 24.3 19.5 29.3

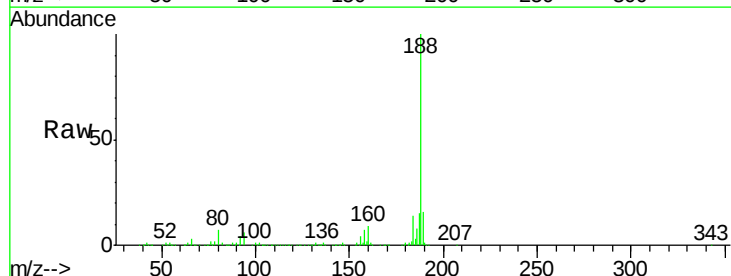


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

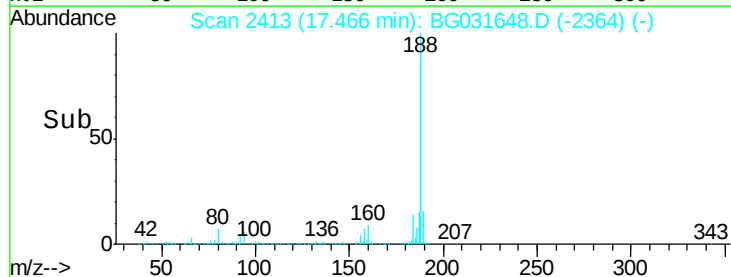
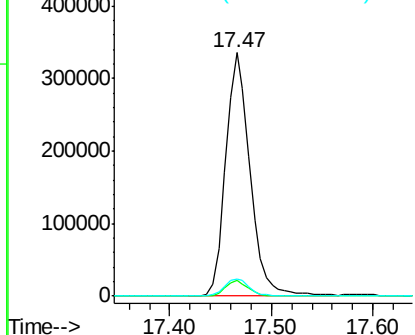


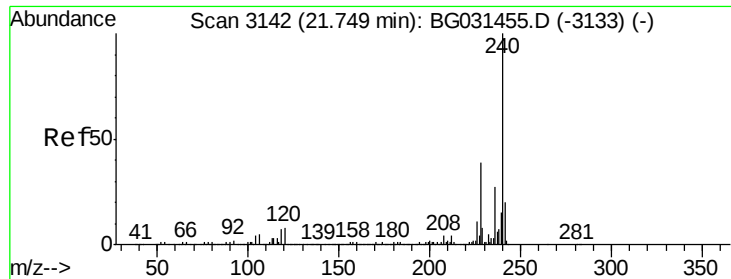
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG031648.D
 Acq: 18 Dec 2017 23:59

Tgt Ion:188 Resp: 559043
 Ion Ratio Lower Upper
 188 100
 94 6.4 6.9 10.3#
 80 6.8 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

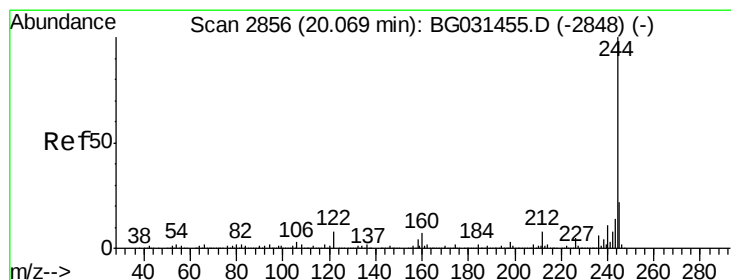
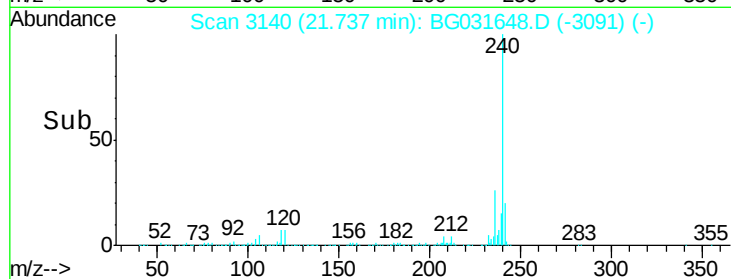
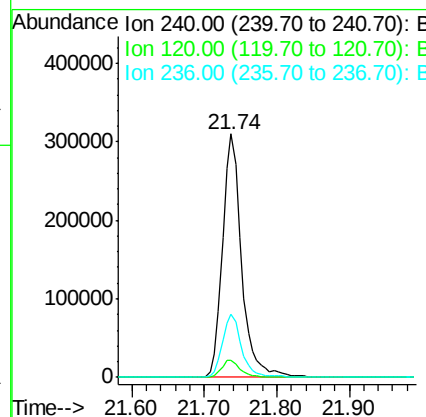
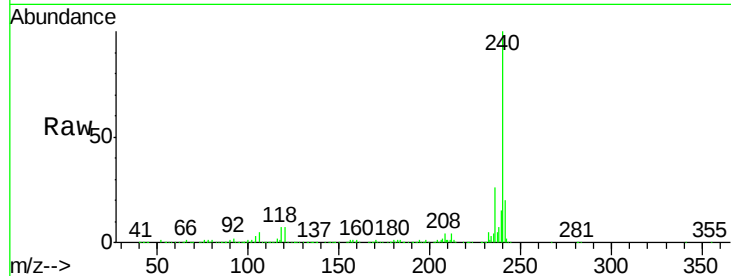




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031648.D
Acq: 18 Dec 2017 23:59

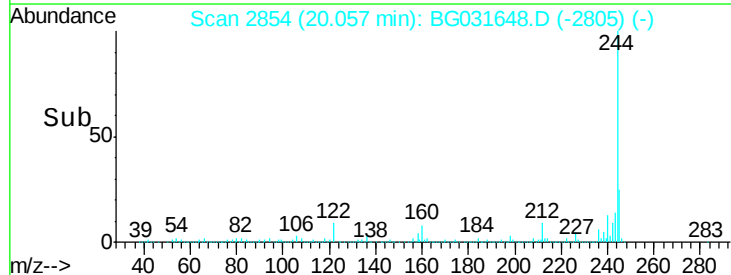
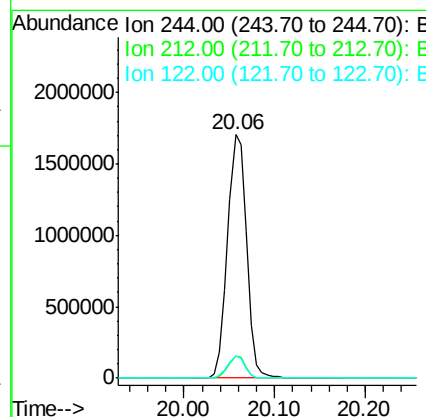
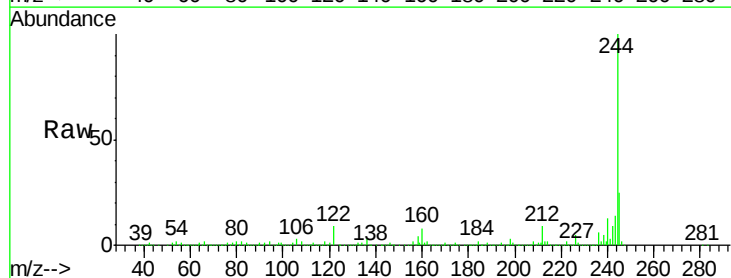
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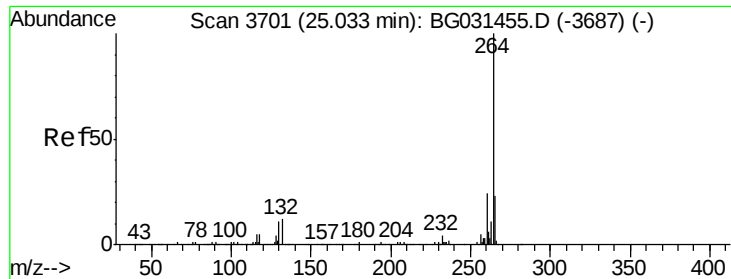
Tgt Ion:240 Resp: 567415
Ion Ratio Lower Upper
240 100
120 7.1 6.8 10.2
236 25.9 20.9 31.3



#78
Terphenyl-d14
Concen: 99.111 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG031648.D
Acq: 18 Dec 2017 23:59

Tgt Ion:244 Resp: 2471777
Ion Ratio Lower Upper
244 100
212 8.9 5.8 8.8#
122 8.9 7.0 10.4



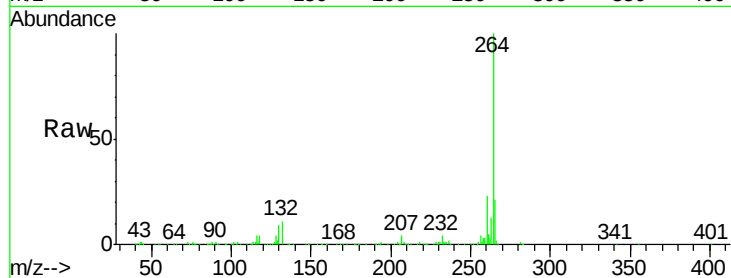


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3698
Delta R.T. -0.02 min
Lab File: BG031648.D
Acq: 18 Dec 2017 23:59

Instrument :
BNA_G
ClientSampleId :
PROS- 3-E(11-12)

Tgt Ion: 264 Resp: 489411

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.2	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

