

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033943.D
 Acq On : 24 Apr 2018 6:07
 Operator : SJ/JU
 Sample : J2499-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 355-285-279

Quant Time: Apr 24 08:16:25 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

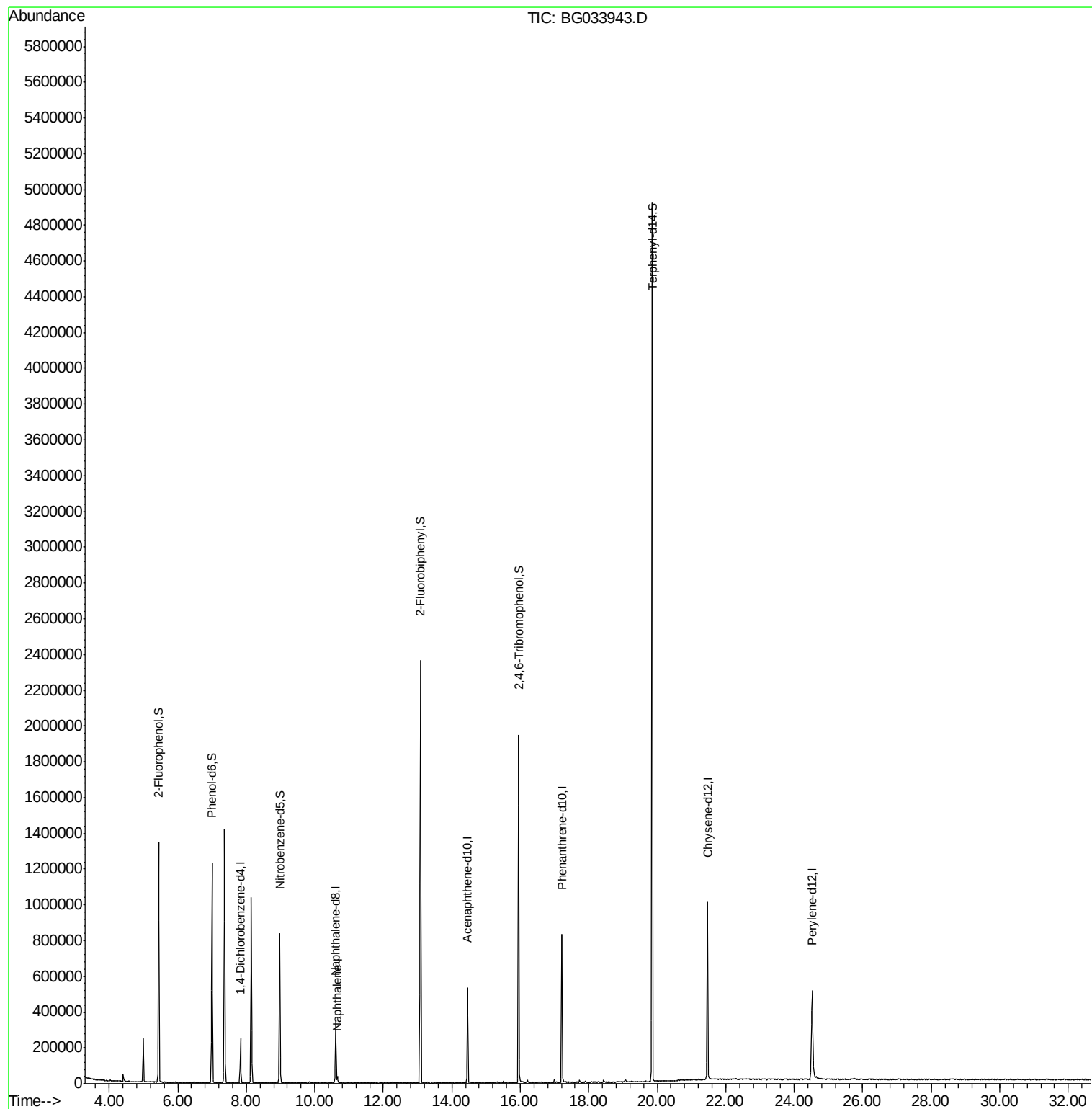
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	68338	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	291915	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	191558	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	527303	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	577875	20.00	ng	-0.02
86) Perylene-d12	24.52	264	565986	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	562165	131.33	ng	0.00
7) Phenol-d6	7.00	99	691385	110.74	ng	0.00
23) Nitrobenzene-d5	8.98	82	500726	97.62	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	347307	155.41	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1219593	93.53	ng	-0.02
78) Terphenyl-d14	19.85	244	2279975	88.64	ng	-0.01
Target Compounds						
31) Naphthalene	10.66	128	30044	2.001	ng	Qvalue 98

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

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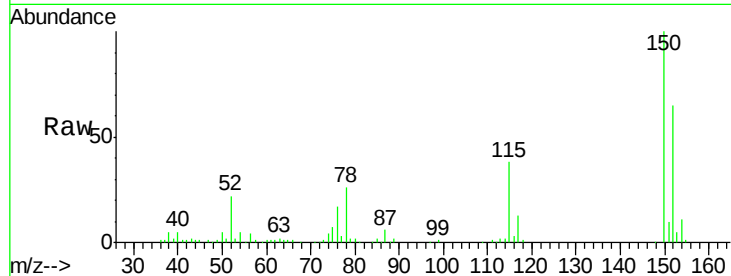


#1

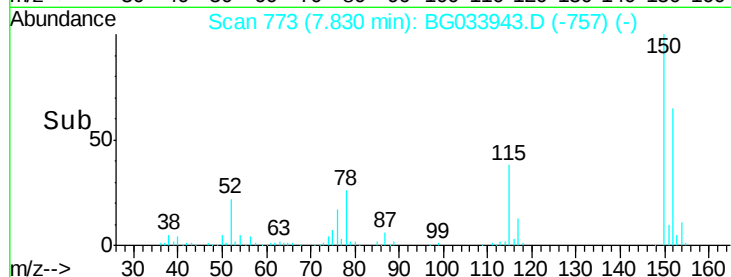
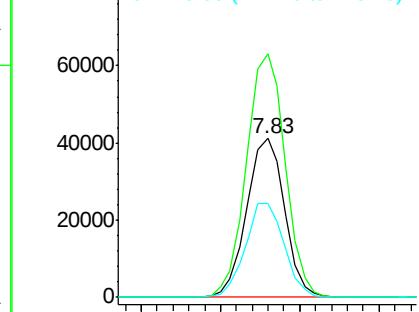
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BG033943.D
 Acq: 24 Apr 2018 6:07

Instrument :
 BNA_G
 ClientSampleId :
 355-285-279

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.6	189.8
115	58.8	53.0	79.4



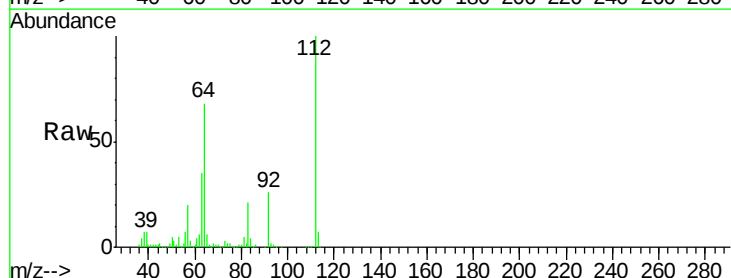
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



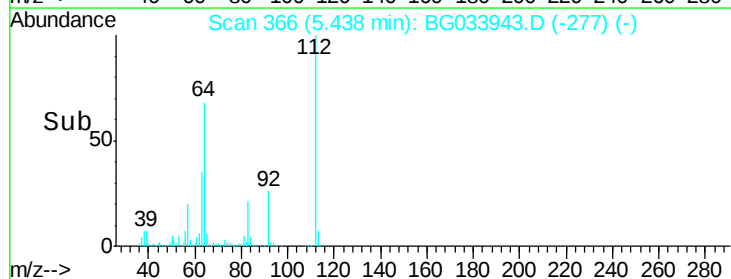
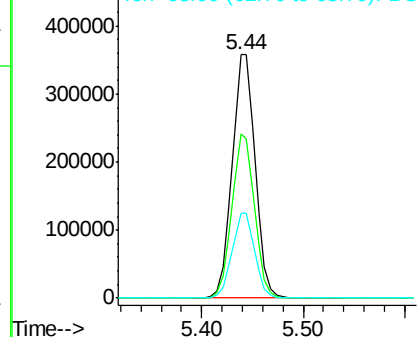
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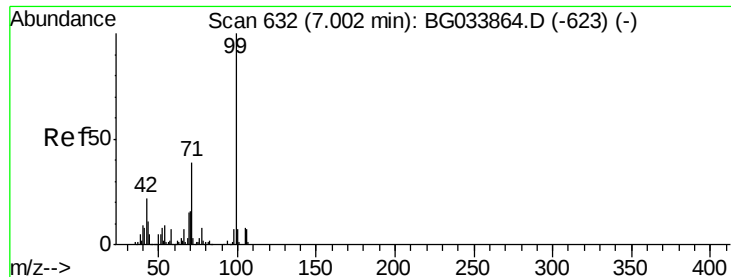
2-Fluorophenol
 Concen: 131.335 ng
 RT: 5.44 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: BG033943.D
 Acq: 24 Apr 2018 6:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	56.3	84.5
63	34.9	30.1	45.1



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: 110.742 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033943.D

Acq: 24 Apr 2018 6:07

Instrument :

BNA_G

ClientSampled :

355-285-279

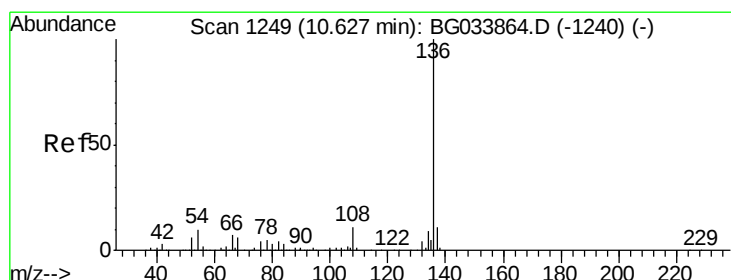
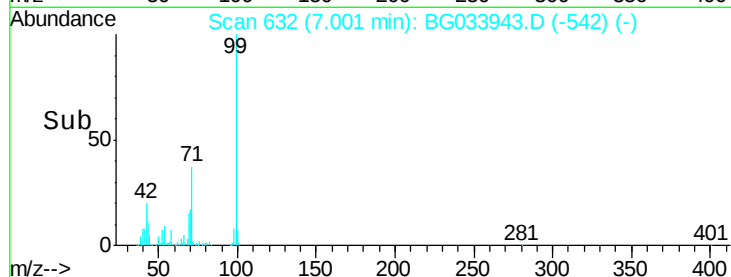
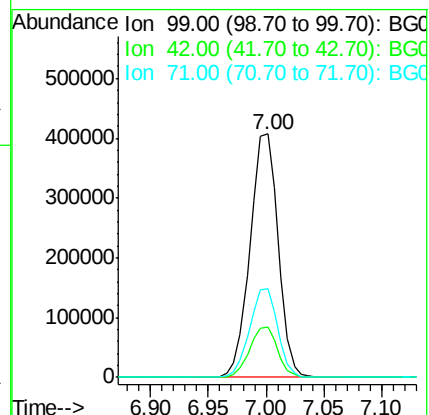
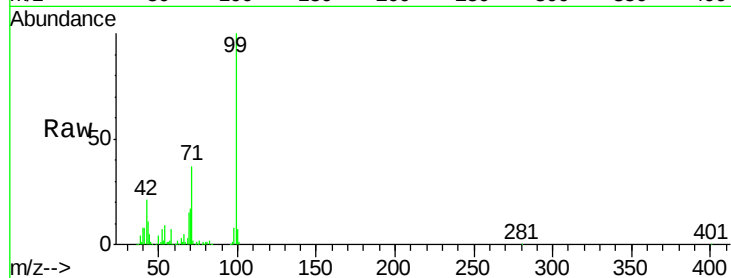
Tot Ion: 99 Resp: 691385

Ion Ratio Lower Upper

99 100

42 20.6 14.1 21.1

71 36.6 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033943.D

Acq: 24 Apr 2018 6:07

Tgt Ion: 136 Resp: 291915

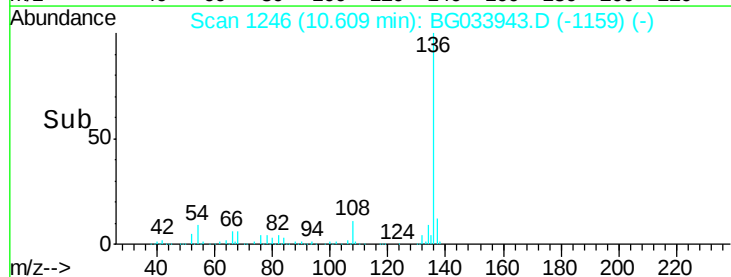
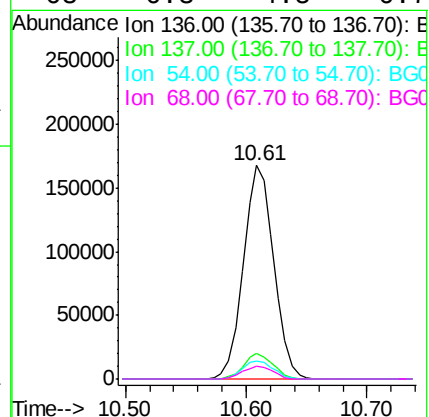
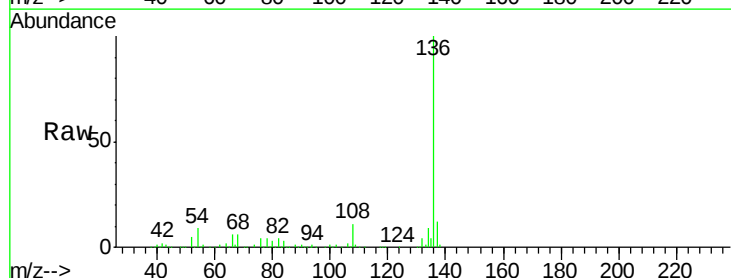
Ion Ratio Lower Upper

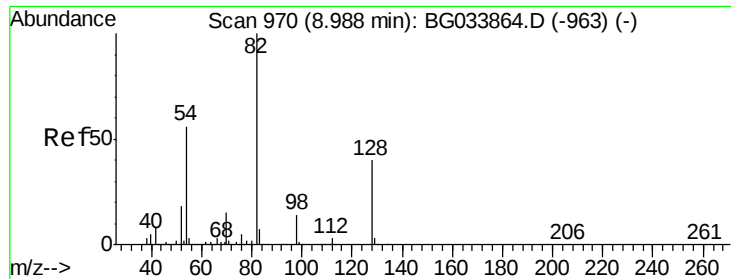
136 100

137 11.9 9.2 13.8

54 8.6 10.3 15.5#

68 6.3 4.5 6.7

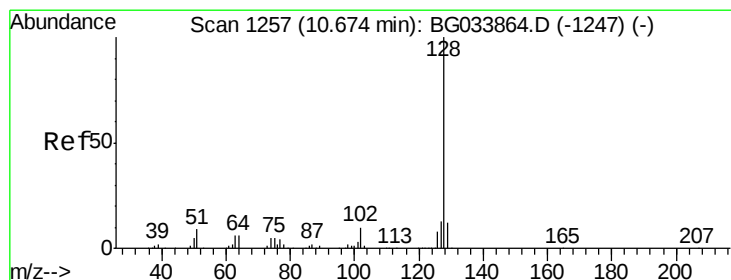
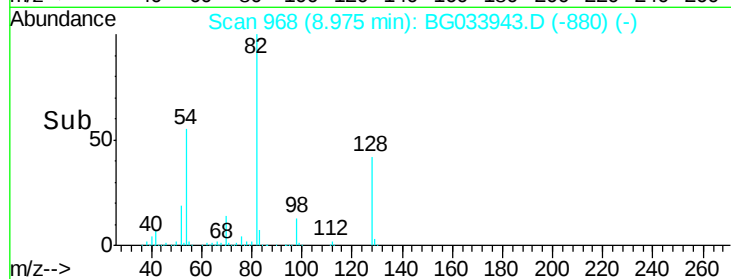
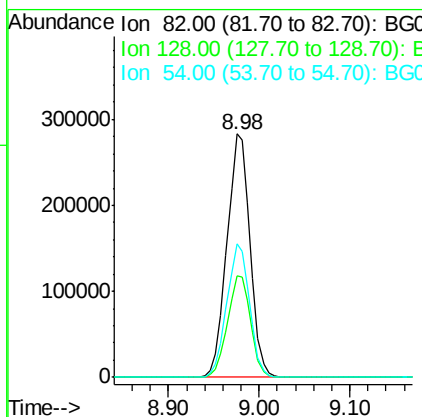
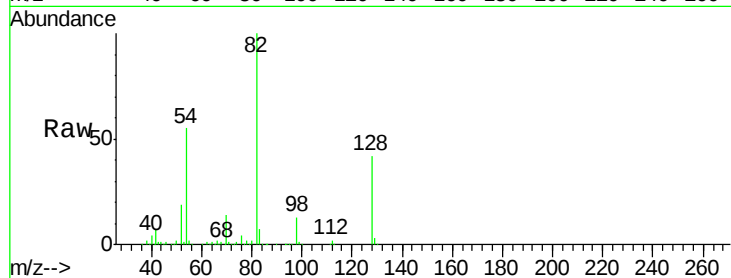




#23
 Nitrobenzene-d5
 Concen: 97.618 ng
 RT: 8.98 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG033943.D
 Acq: 24 Apr 2018 6:07

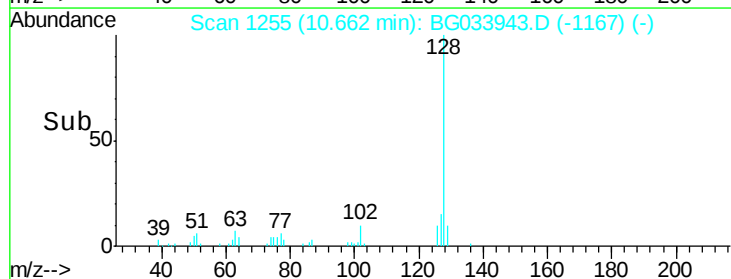
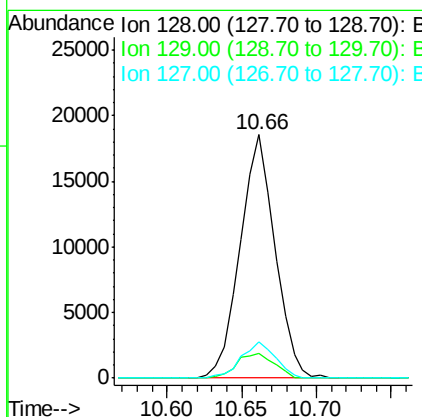
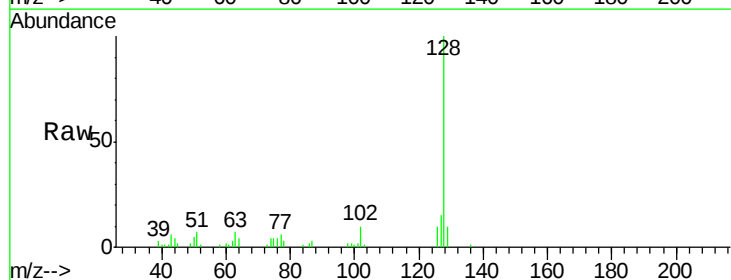
Instrument :
 BNA_G
 ClientSampleId :
 355-285-279

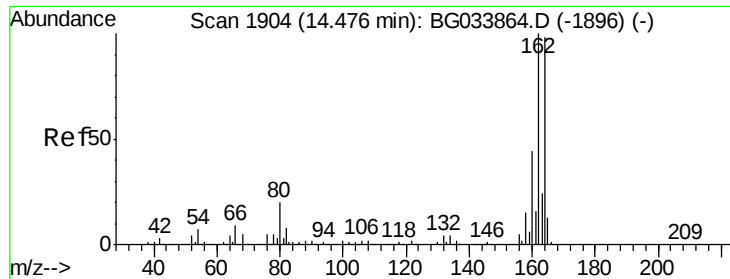
Tot Ion	82	Resp	500726
Ion Ratio	Lower	Upper	
82	100		
128	41.5	29.7	44.5
54	54.7	43.1	64.7



#31
 Naphthalene
 Concen: 2.001 ng
 RT: 10.66 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BG033943.D
 Acq: 24 Apr 2018 6:07

Tgt Ion	128	Resp	30044
Ion Ratio	Lower	Upper	
128	100		
129	10.0	8.6	12.8
127	15.1	11.6	17.4

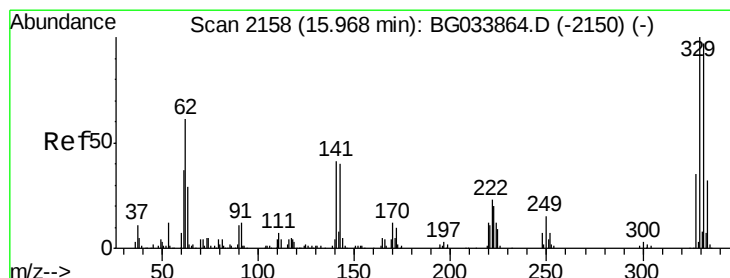
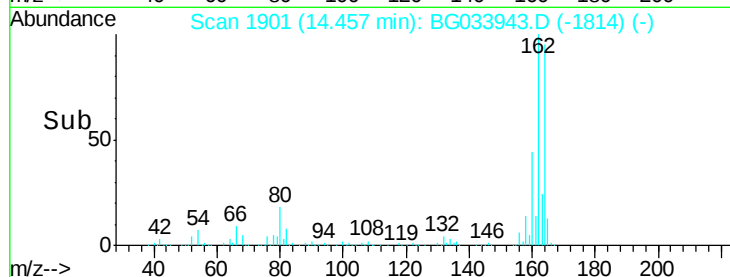
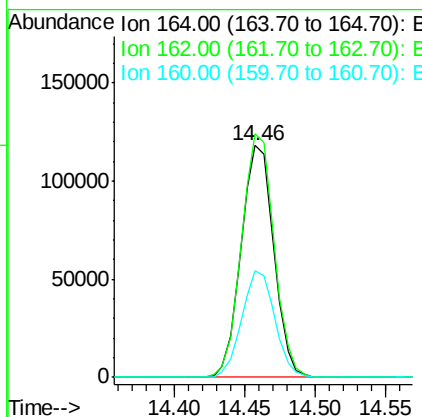
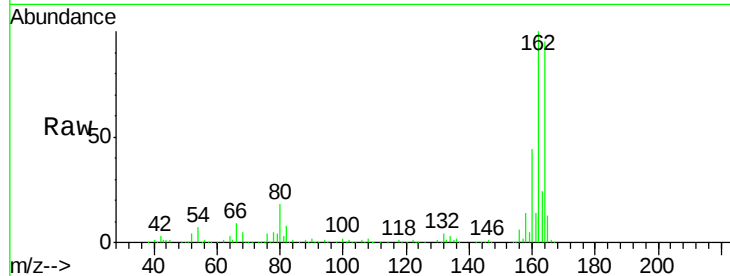




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033943.D
 Acq: 24 Apr 2018 6:07

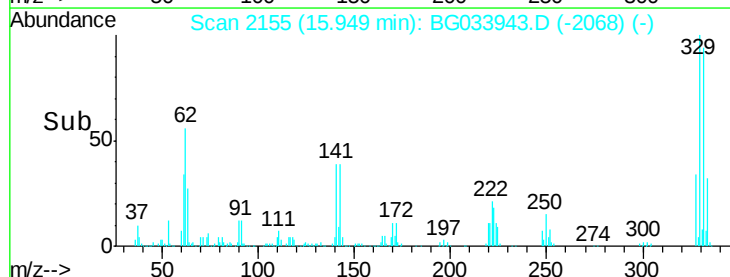
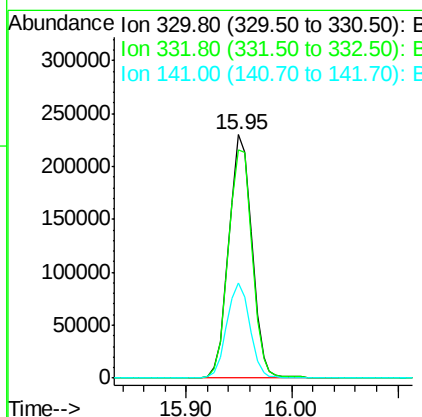
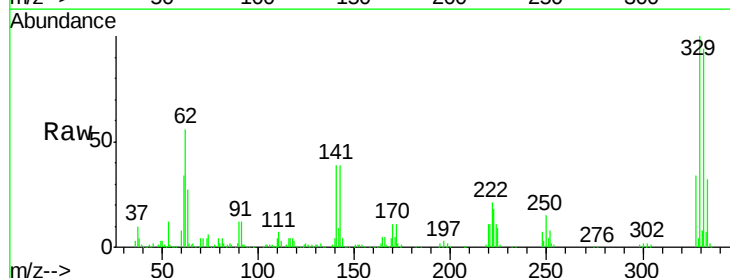
Instrument :
 BNA_G
 ClientSampleId :
 355-285-279

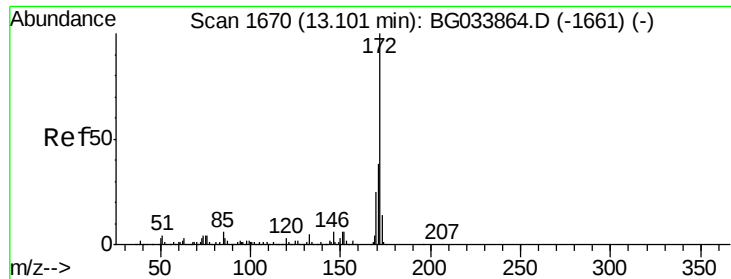
Tot Ion:164 Resp: 191558
 Ion Ratio Lower Upper
 164 100
 162 105.1 78.8 118.2
 160 46.3 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 155.406 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033943.D
 Acq: 24 Apr 2018 6:07

Tgt Ion:330 Resp: 347307
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 39.2 25.2 37.8#

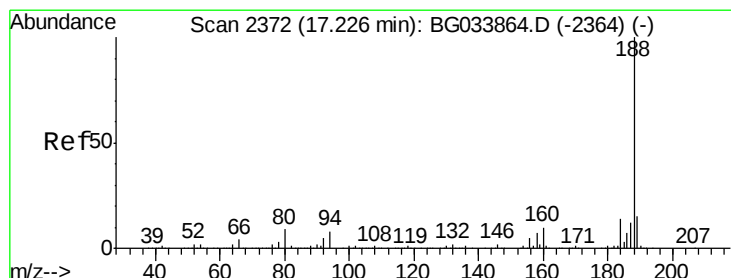
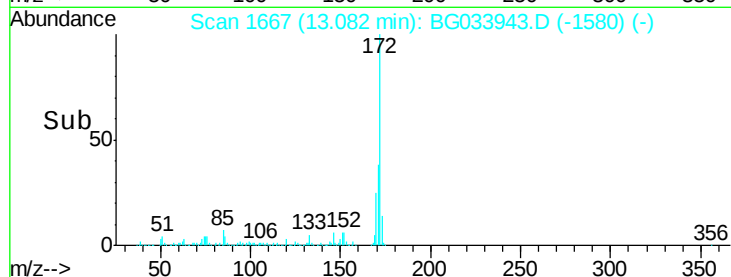
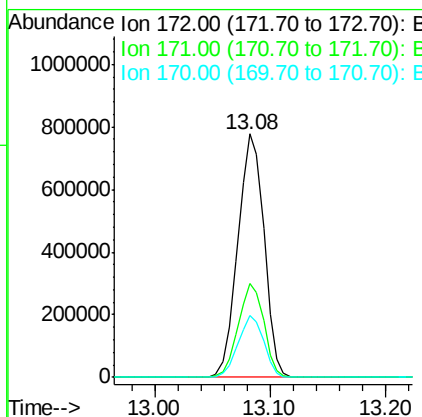
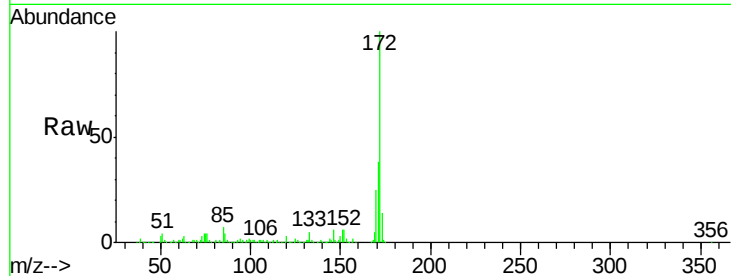




#44
 2-Fluorobiphenyl
 Concen: 93.528 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033943.D
 Acq: 24 Apr 2018 6:07

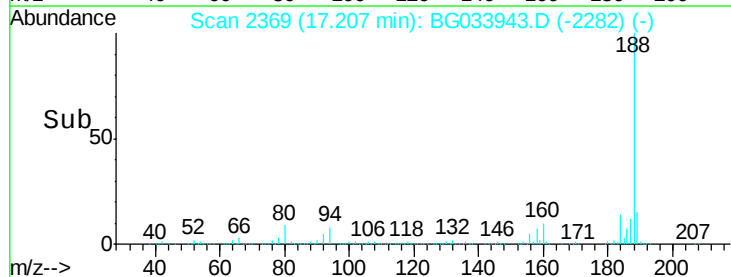
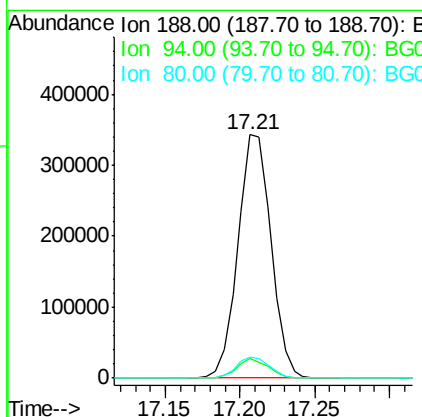
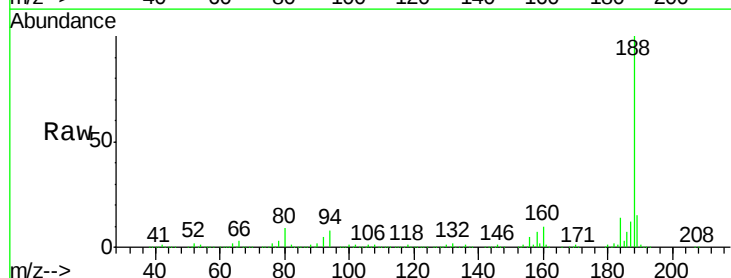
Instrument :
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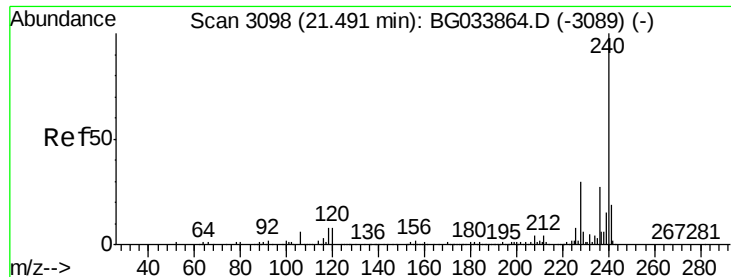
Tot Ion:172 Resp: 1219593
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.0 45.0
 170 25.4 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.21 min Scan# 2369
 Delta R.T. -0.02 min
 Lab File: BG033943.D
 Acq: 24 Apr 2018 6:07

Tgt Ion:188 Resp: 527303
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.9 10.3
 80 8.8 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.47 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BG033943.D

Acq: 24 Apr 2018 6:07

Instrument :

BNA_G

ClientSampleId :

355-285-279

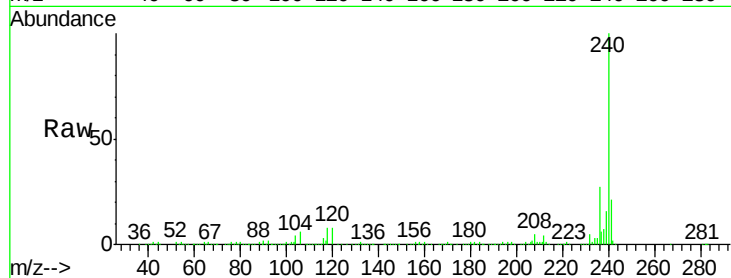
Tot Ion:240 Resp: 577875

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

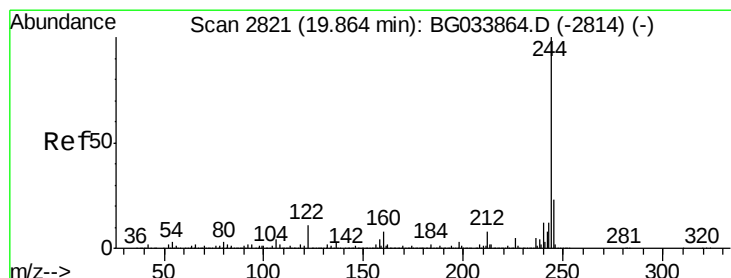
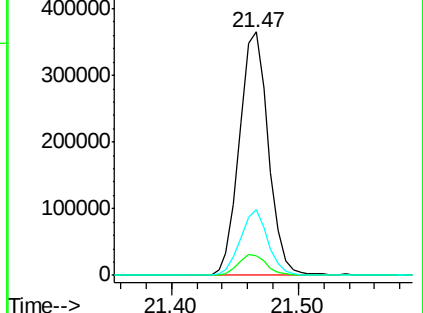
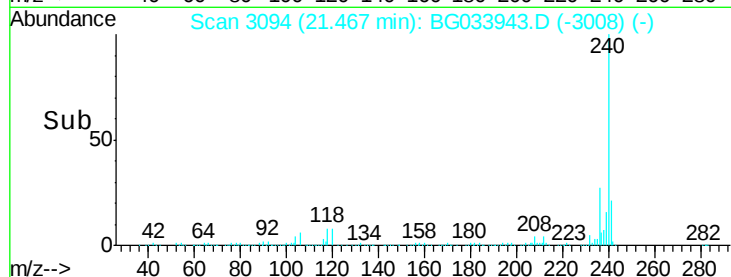
236 26.8 20.9 31.3



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: 88.639 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033943.D

Acq: 24 Apr 2018 6:07

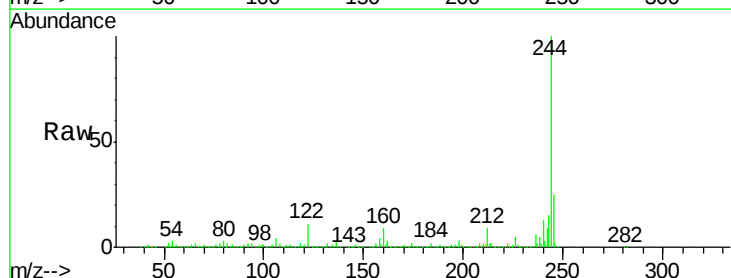
Tgt Ion:244 Resp: 2279975

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

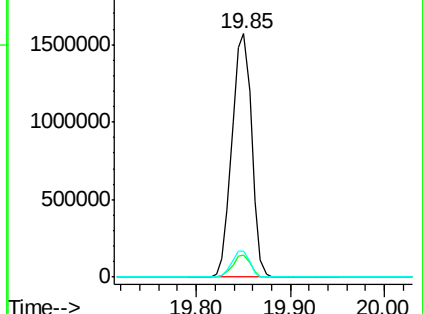
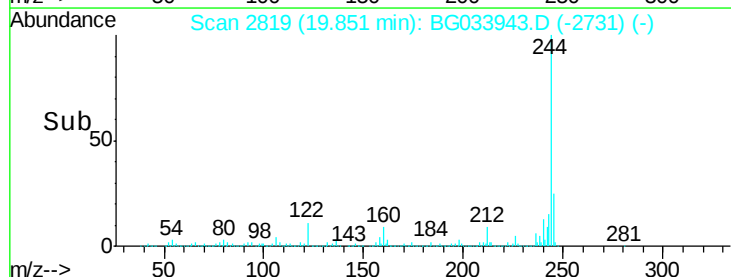
122 10.9 7.0 10.4#

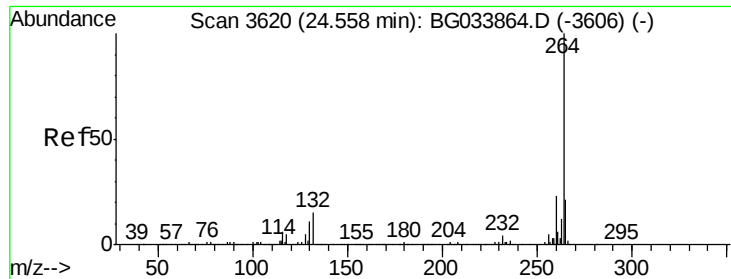


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3614
Delta R.T. -0.04 min
Lab File: BG033943.D
Acq: 24 Apr 2018 6:07

Instrument :
BNA_G
ClientSampleId :
355-285-279

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.6	17.7	26.5

