

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
 Data File : BG035475.D
 Acq On : 28 Jun 2018 11:06
 Operator : JU/SJ
 Sample : J3242-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-062618-E

Quant Time: Jun 28 13:40:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

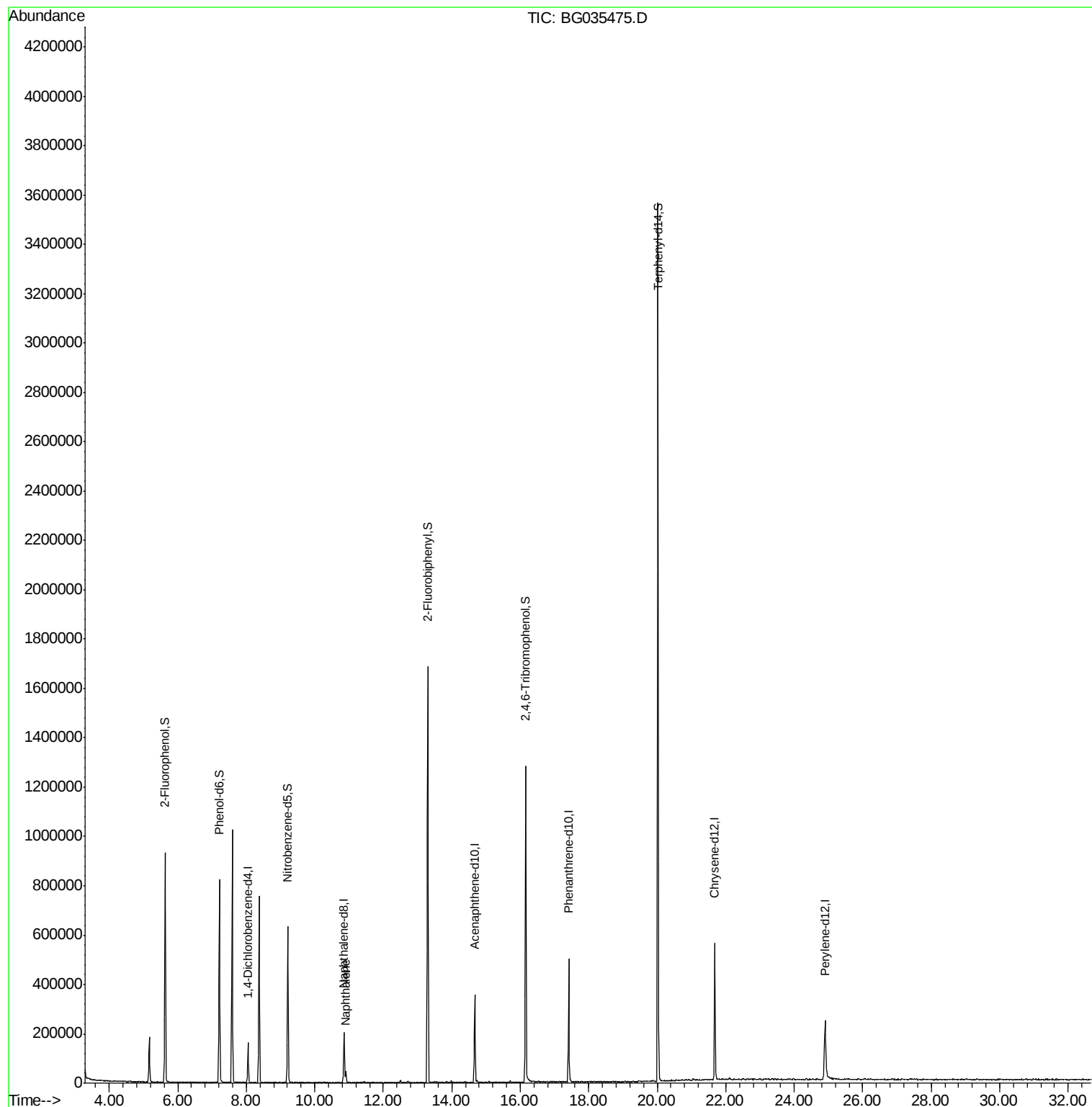
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	45786	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	169164	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	121099	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	320578	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	359803	20.00	ng	-0.04
86) Perylene-d12	24.90	264	317881	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	398435	146.86	ng	-0.01
7) Phenol-d6	7.21	99	518669	129.53	ng	-0.01
23) Nitrobenzene-d5	9.22	82	430290	120.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	258382	166.67	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	952761	102.28	ng	-0.03
78) Terphenyl-d14	20.02	244	1740122	101.31	ng	-0.02
Target Compounds						
31) Naphthalene	10.91	128	41103	4.677	ng	Qvalue # 92

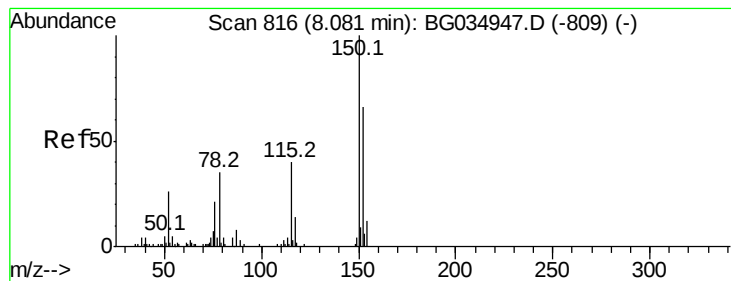
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 811

Delta R.T. -0.02 min

Lab File: BG035475.D

Acq: 28 Jun 2018 11:06

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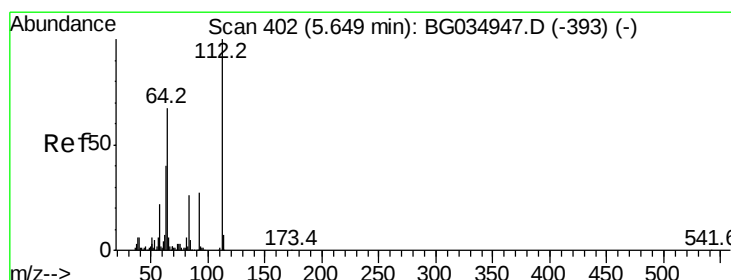
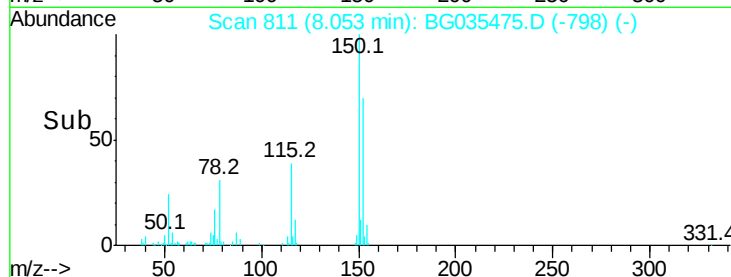
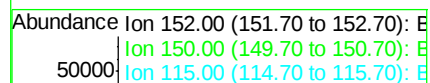
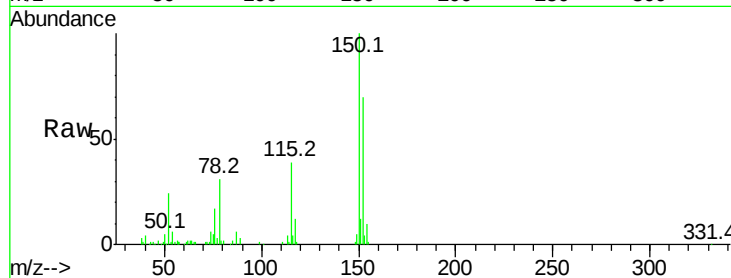
Tot Ion:152 Resp: 45786

Ion Ratio Lower Upper

152 100

150 143.0 126.6 189.8

115 55.5 53.0 79.4



#5

2-Fluorophenol

Concen: 146.858 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035475.D

Acq: 28 Jun 2018 11:06

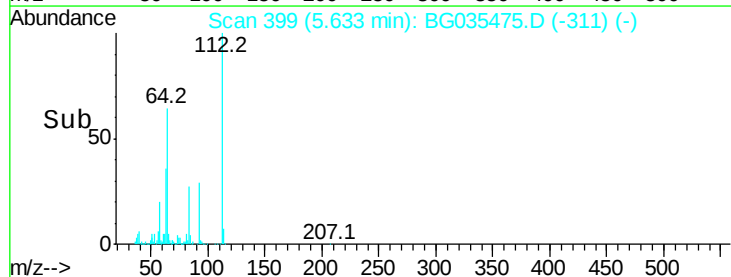
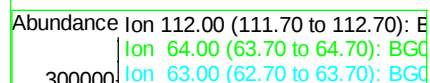
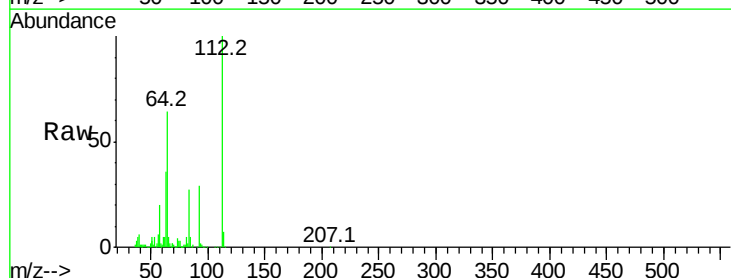
Tgt Ion:112 Resp: 398435

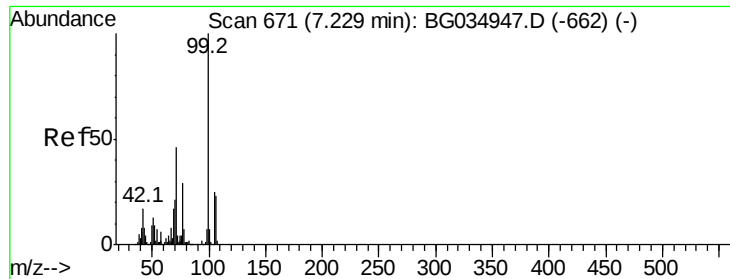
Ion Ratio Lower Upper

112 100

64 64.5 56.3 84.5

63 35.9 30.1 45.1





#7

Phenol-d6

Concen: 129.527 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035475.D

Acq: 28 Jun 2018 11:06

Instrument :

BNA_G

ClientSampleId :

JC-02-062618-E

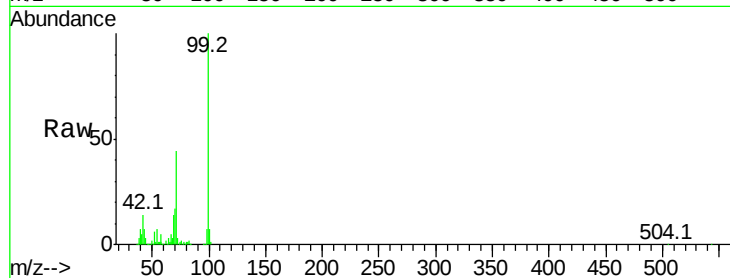
Tot Ion: 99 Resp: 518669

Ion Ratio Lower Upper

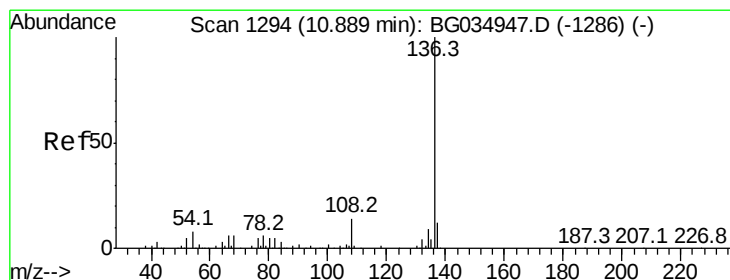
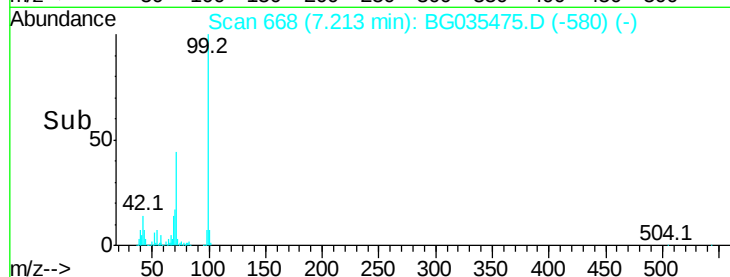
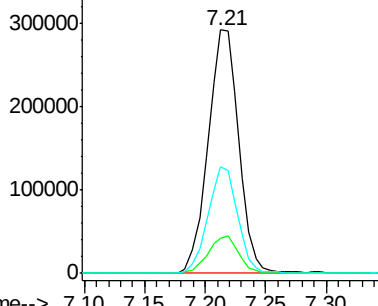
99 100

42 14.5 14.1 21.1

71 43.8 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: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035475.D

Acq: 28 Jun 2018 11:06

Tgt Ion: 136 Resp: 169164

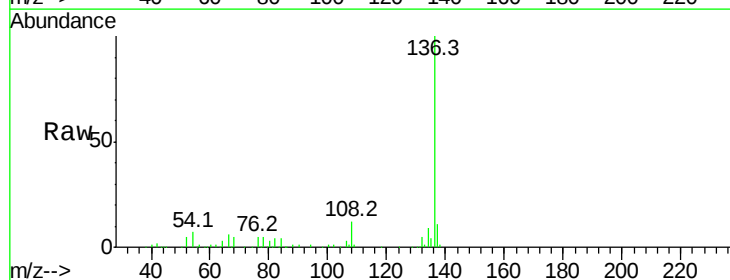
Ion Ratio Lower Upper

136 100

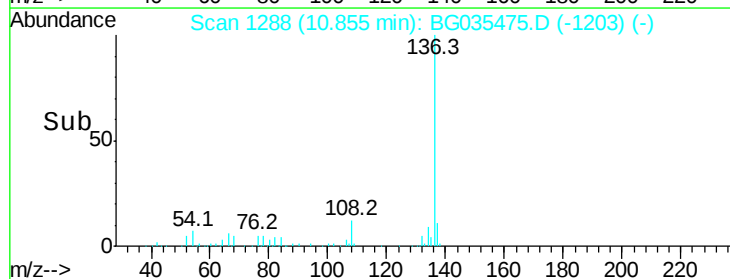
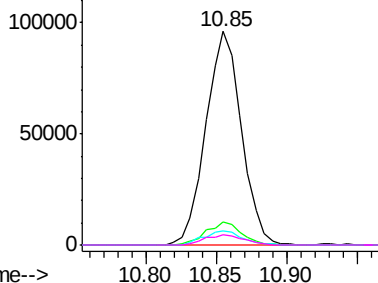
137 10.7 9.2 13.8

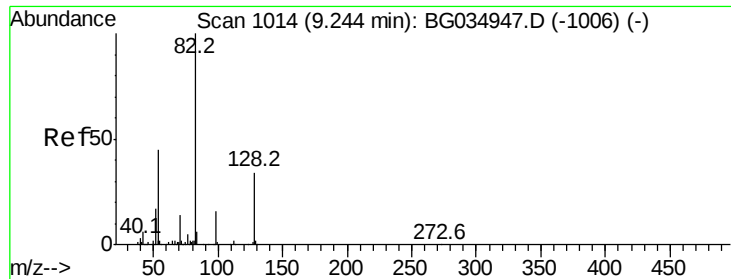
54 6.9 10.3 15.5#

68 4.7 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

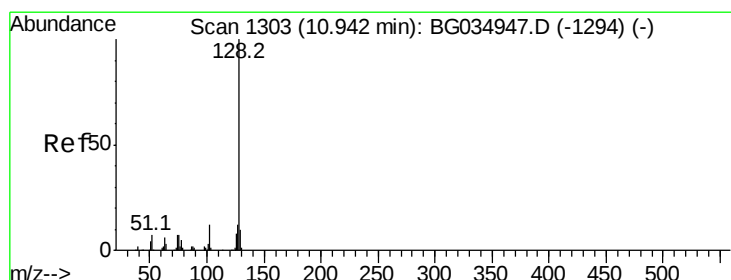
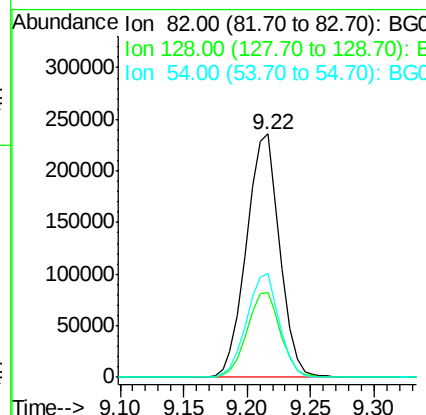
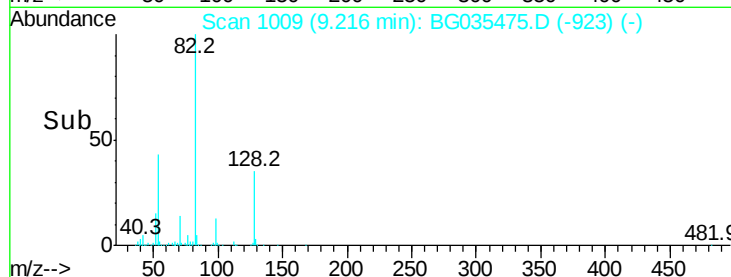
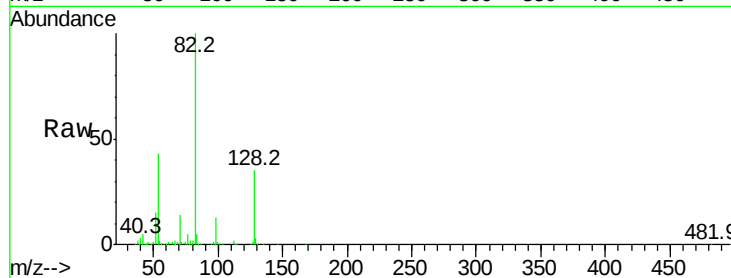




#23
Nitrobenzene-d5
Concen: 120.910 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035475.D
Acq: 28 Jun 2018 11:06

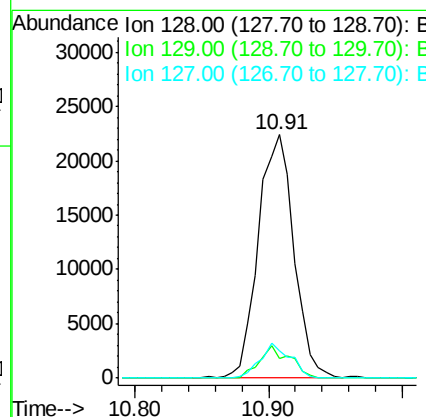
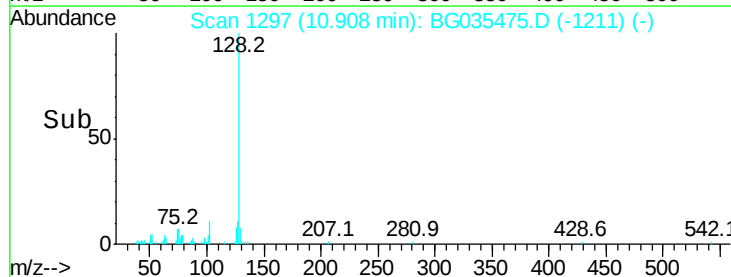
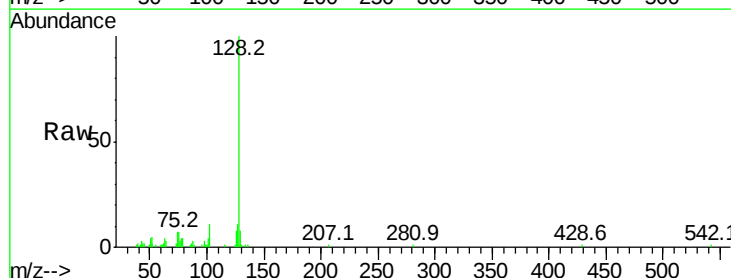
Instrument :
BNA_G
ClientSampleId :
JC-02-062618-E

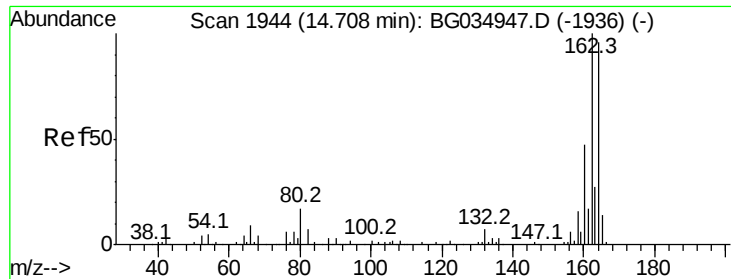
Tot Ion: 82 Resp: 430290
Ion Ratio Lower Upper
82 100
128 34.9 29.7 44.5
54 42.5 43.1 64.7#



#31
Naphthalene
Concen: 4.677 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG035475.D
Acq: 28 Jun 2018 11:06

Tgt Ion: 128 Resp: 41103
Ion Ratio Lower Upper
128 100
129 7.9 8.6 12.8#
127 11.2 11.6 17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035475.D

Acq: 28 Jun 2018 11:06

Instrument :

BNA_G

ClientSampleId :

JC-02-062618-E

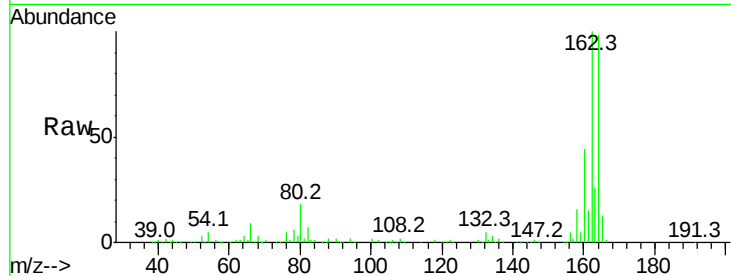
Tot Ion:164 Resp: 121099

Ion Ratio Lower Upper

164 100

162 102.2 78.8 118.2

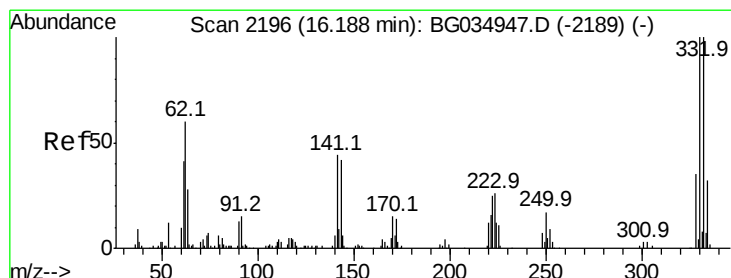
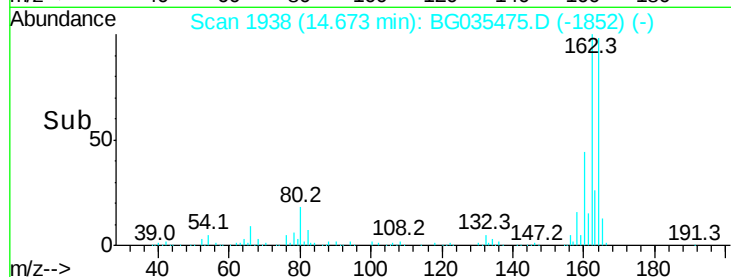
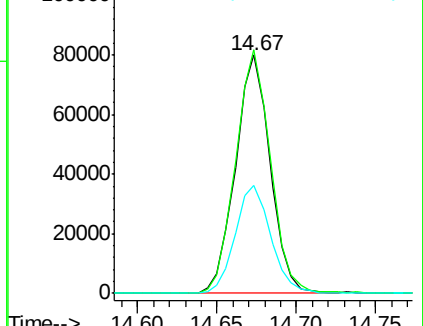
160 45.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 166.674 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035475.D

Acq: 28 Jun 2018 11:06

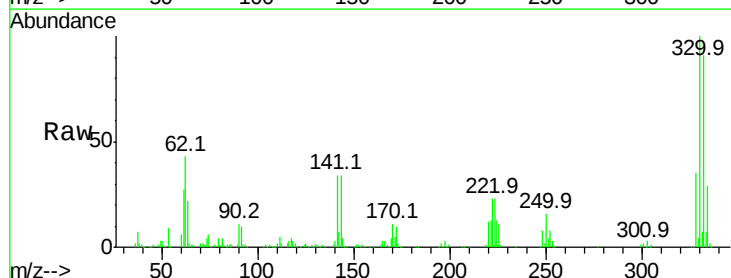
Tgt Ion:330 Resp: 258382

Ion Ratio Lower Upper

330 100

332 93.5 77.0 115.6

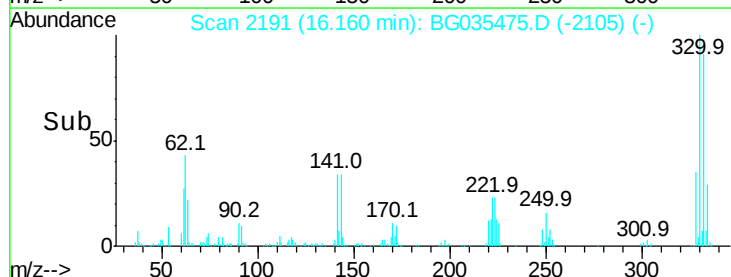
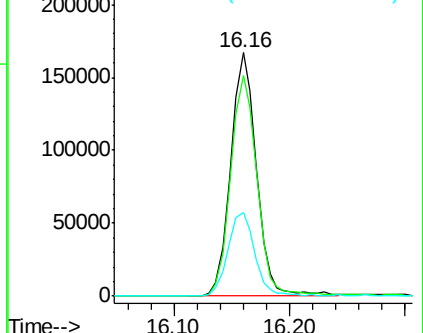
141 36.2 25.2 37.8

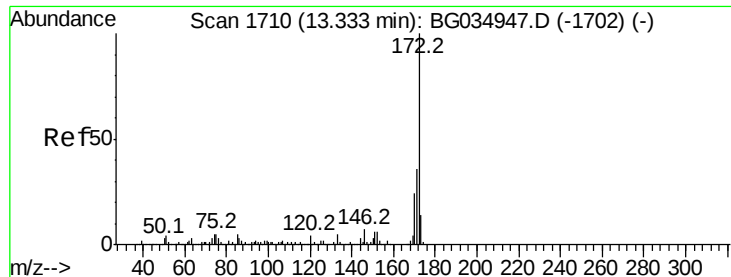


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

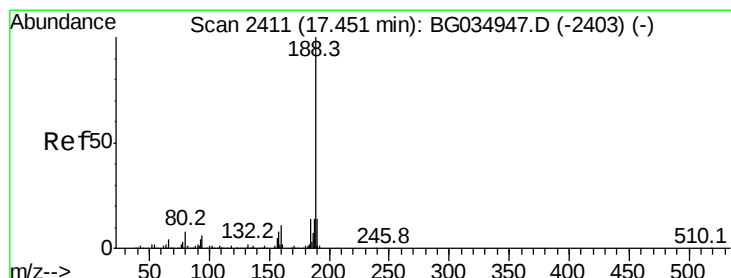
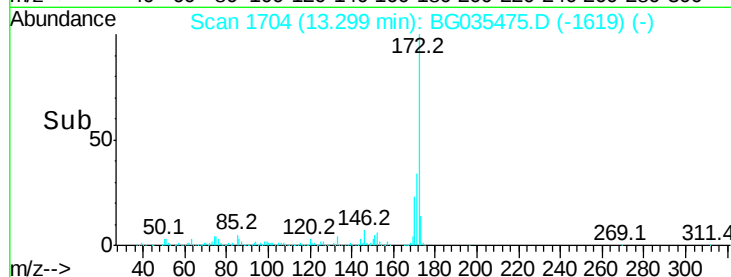
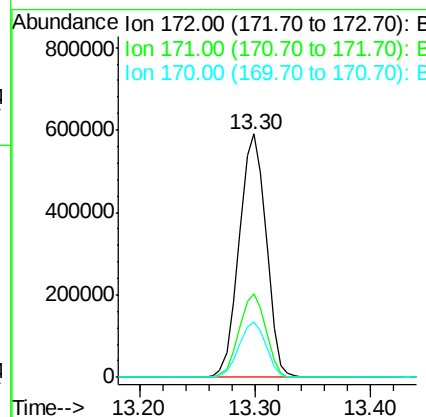
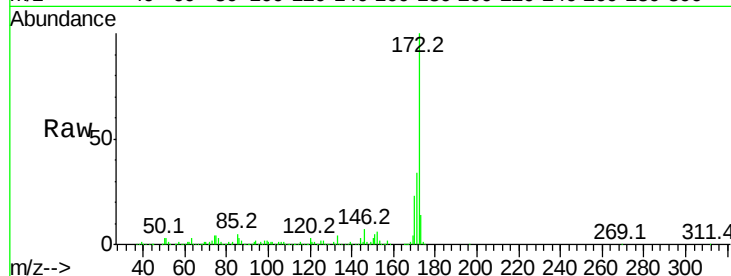




#44
 2-Fluorobiphenyl
 Concen: 102.279 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035475.D
 Acq: 28 Jun 2018 11:06

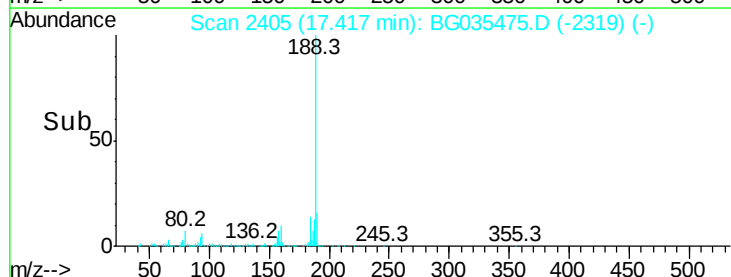
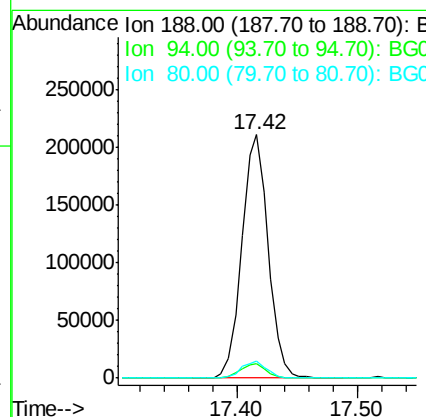
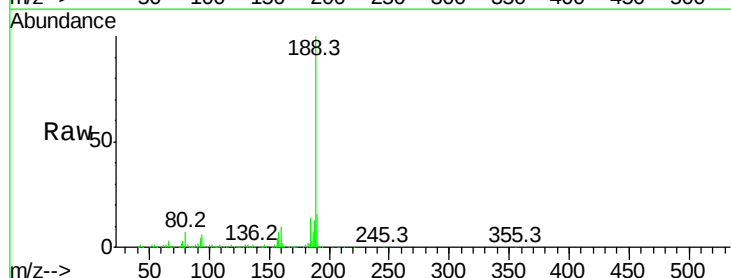
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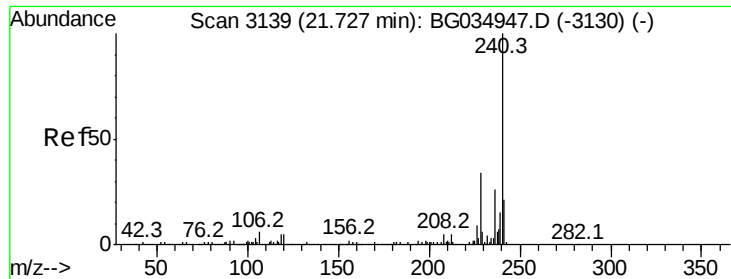
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	22.7	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035475.D
 Acq: 28 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	7.2	7.7	11.5#

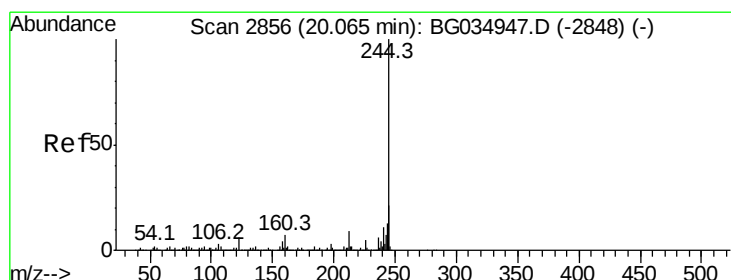
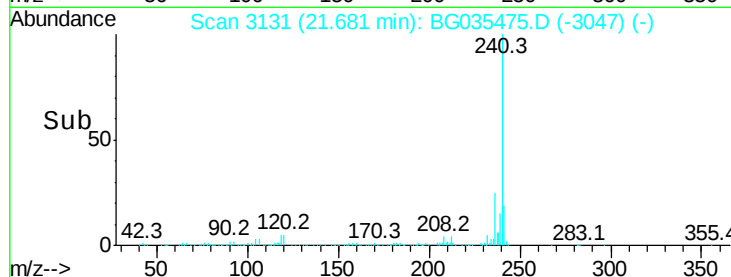
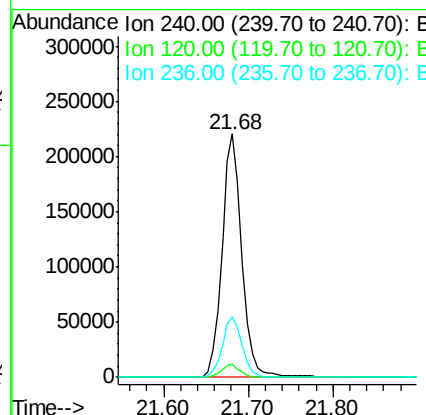
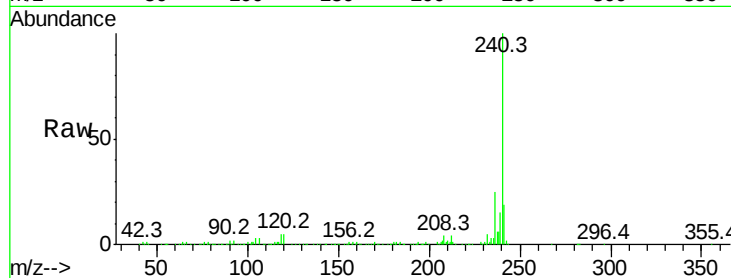




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.04 min
 Lab File: BG035475.D
 Acq: 28 Jun 2018 11:06

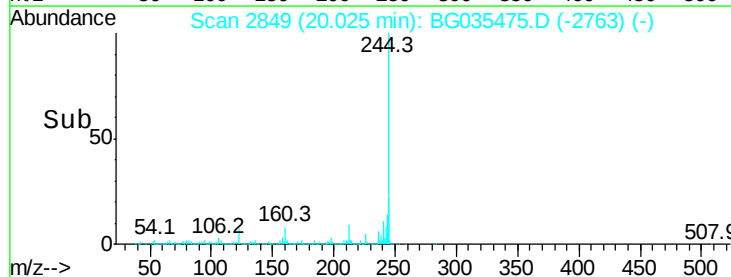
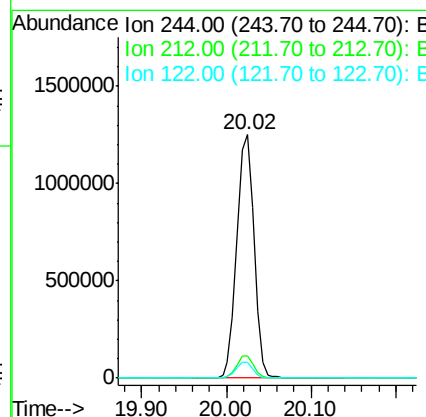
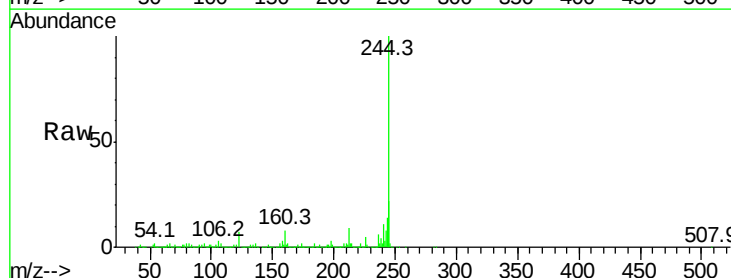
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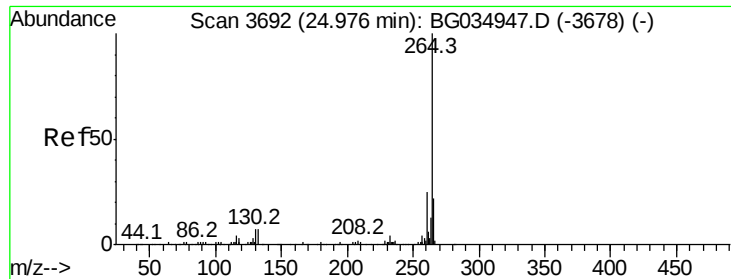
Tot Ion:240 Resp: 359803
 Ion Ratio Lower Upper
 240 100
 120 5.2 6.8 10.2#
 236 25.0 20.9 31.3



#78
 Terphenyl-d14
 Concen: 101.305 ng
 RT: 20.02 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BG035475.D
 Acq: 28 Jun 2018 11:06

Tgt Ion:244 Resp: 1740122
 Ion Ratio Lower Upper
 244 100
 212 9.3 5.8 8.8#
 122 6.7 7.0 10.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3679
 Delta R.T. -0.05 min
 Lab File: BG035475.D
 Acq: 28 Jun 2018 11:06

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-062618-E

Tot Ion:264 Resp: 317881
 Ion Ratio Lower Upper
 264 100
 260 22.2 17.4 26.0
 265 19.2 17.7 26.5

