

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
 Data File : BG028886.D
 Acq On : 22 Sep 2017 22:39
 Operator : SJ/JU
 Sample : I5301-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170604-COMP-A

Manual Integrations
 APPROVED

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 9/25/2017 6:22:29 PM

Quant Time: Sep 23 00:35:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	22518m	20.00	ng	-0.06
21) Naphthalene-d8	11.10	136	97448m	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	77510m	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	246588m	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	293914m	20.00	ng	-0.07
86) Perylene-d12	25.41	264	305147m	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	123403	90.43	ng	-0.06
7) Phenol-d6	7.43	99	123706m	60.21	ng	-0.06
23) Nitrobenzene-d5	9.45	82	218273m	107.15	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	259344m	202.30	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	573850m	98.72	ng	-0.05
78) Terphenyl-d14	20.23	244	1381817m	100.26	ng	-0.05

Target Compounds Qvalue

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

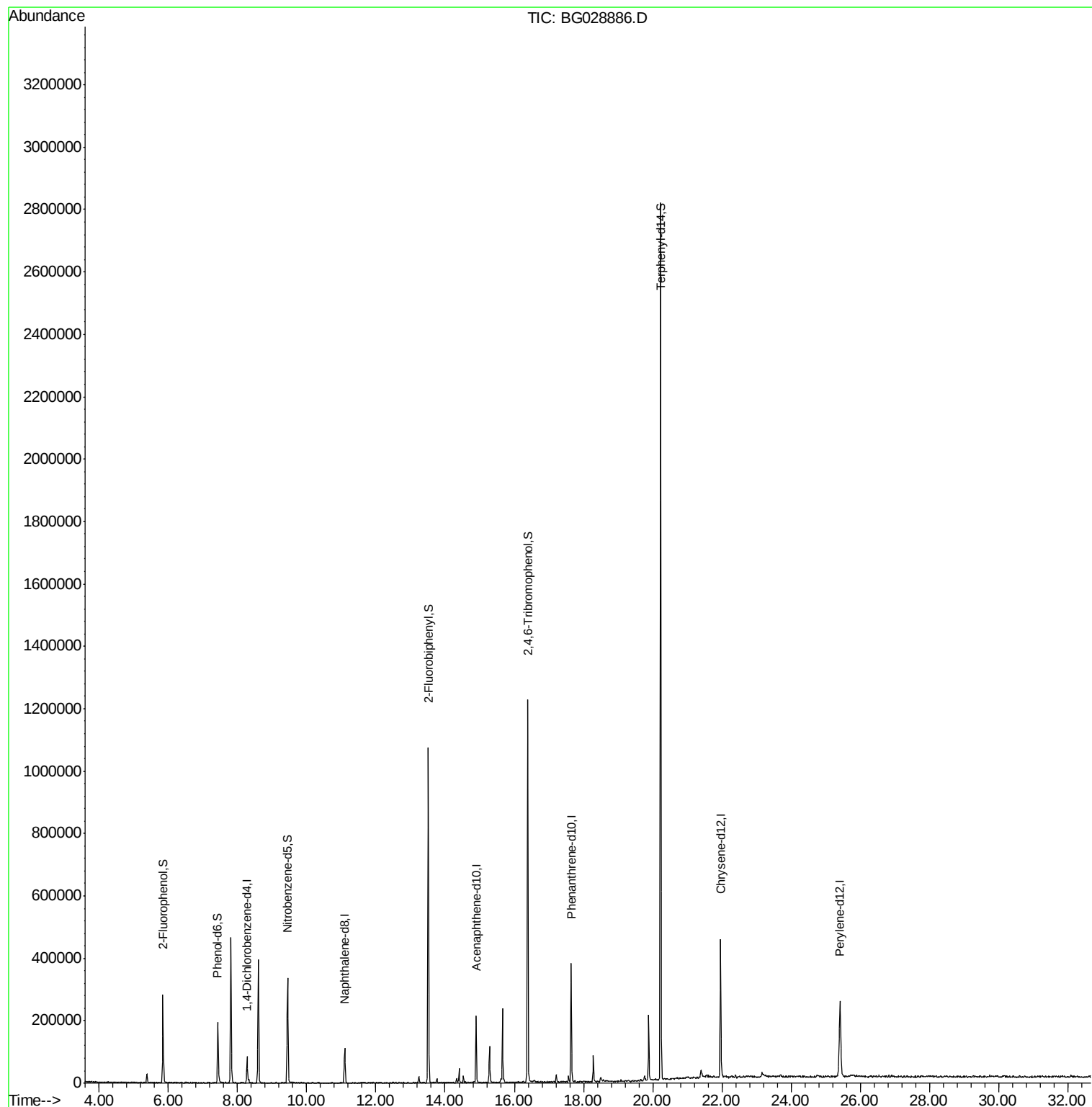
Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
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#1

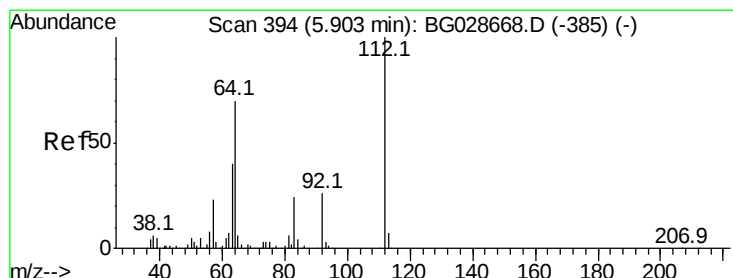
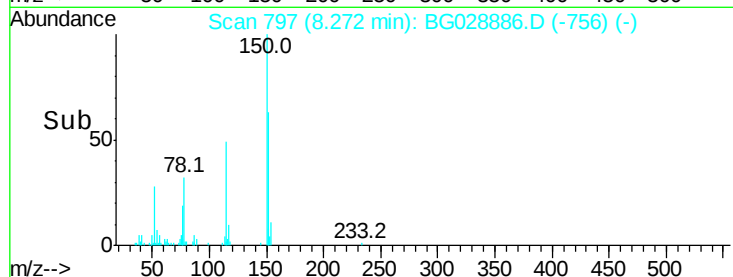
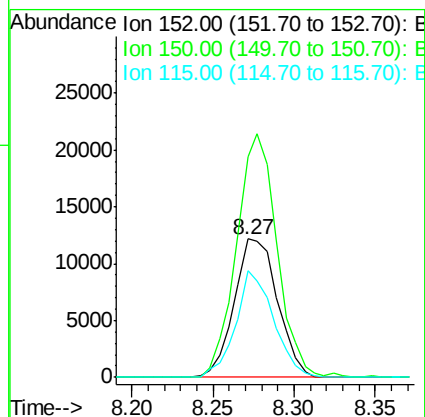
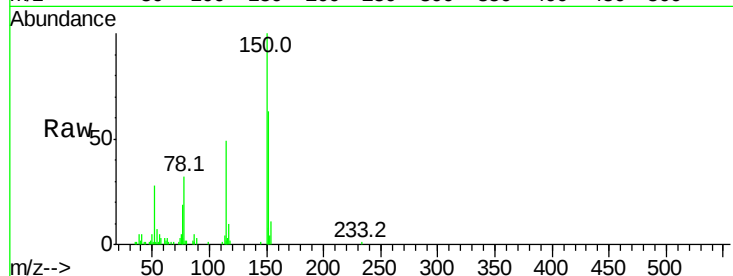
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 8.27 min Scan# 797
Delta R.T. -0.06 min
Lab File: BG028886.D
Acq: 22 Sep 2017 22:39

Instrument :
BNA_G
ClientSampleId :
20170604-COMP-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	114.0	171.0
115	77.7	48.1	72.1

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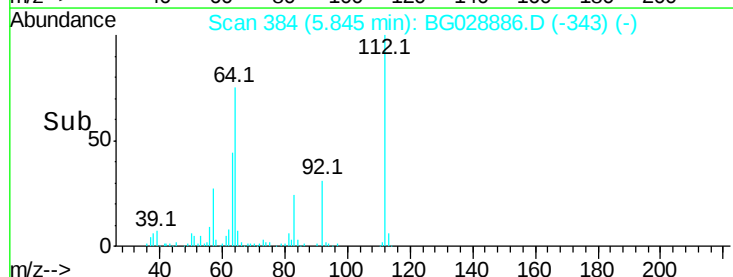
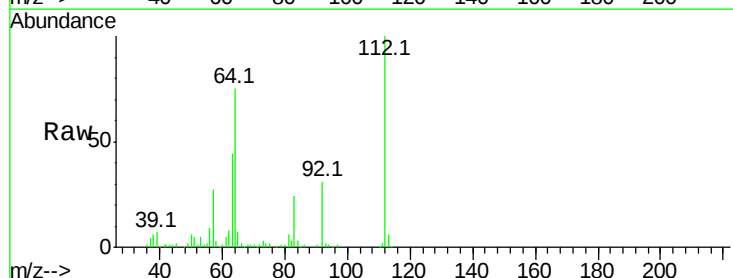
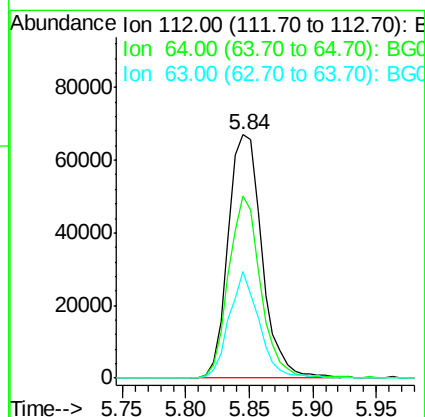
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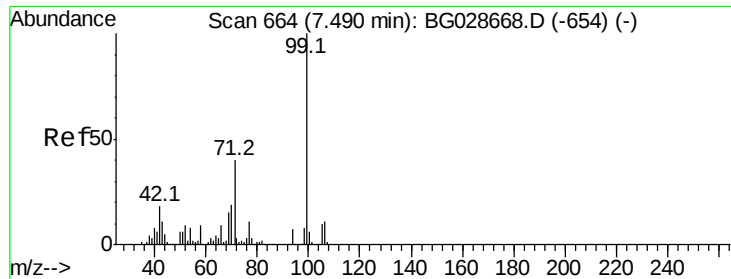


#5

2-Fluorophenol
Concen: 90.426 ng
RT: 5.84 min Scan# 384
Delta R.T. -0.06 min
Lab File: BG028886.D
Acq: 22 Sep 2017 22:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.1	61.8	92.6
63	43.7	37.2	55.8





#7

Phenol-d6

Concen: 60.206 ng m

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028886.D

Acq: 22 Sep 2017 22:39

Instrument :

BNA_G

ClientSampleId :

20170604-COMP-A

Tot Ion: 99 Resp: 123706

Ion Ratio Lower Upper

99 100

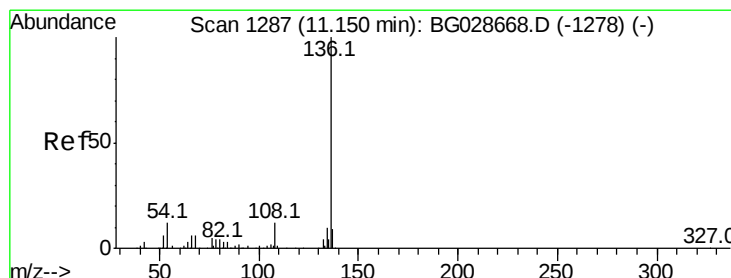
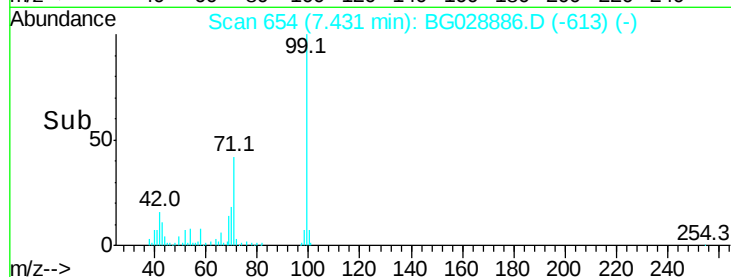
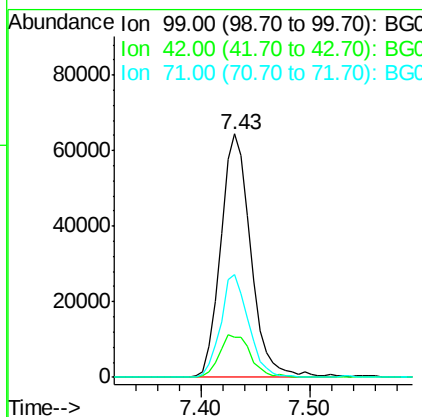
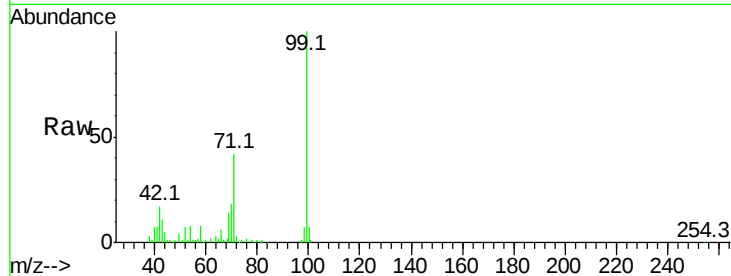
42 16.7 20.5 30.7#

71 42.3 37.6 56.4

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#21

Naphthalene-d8

Concen: 20.000 ng m

RT: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028886.D

Acq: 22 Sep 2017 22:39

Tgt Ion: 136 Resp: 97448

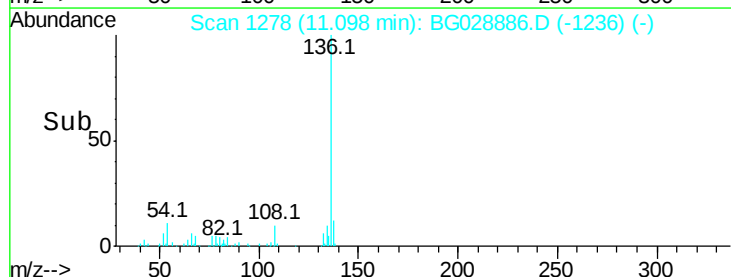
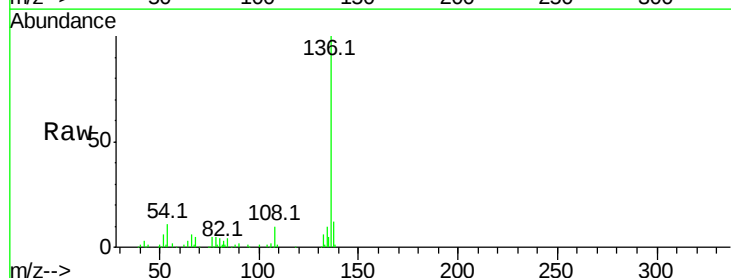
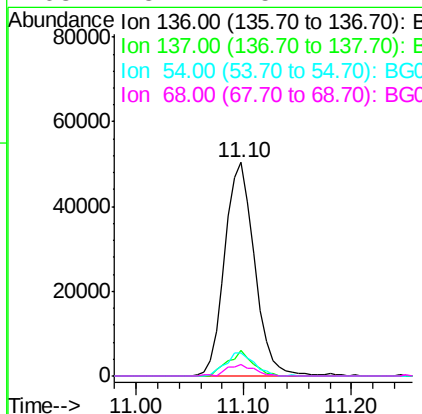
Ion Ratio Lower Upper

136 100

137 12.3 8.9 13.3

54 10.8 9.3 13.9

68 5.2 5.1 7.7





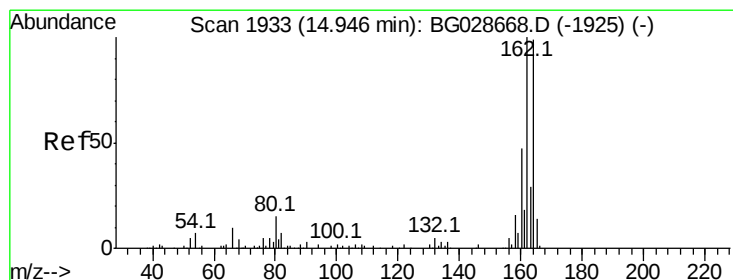
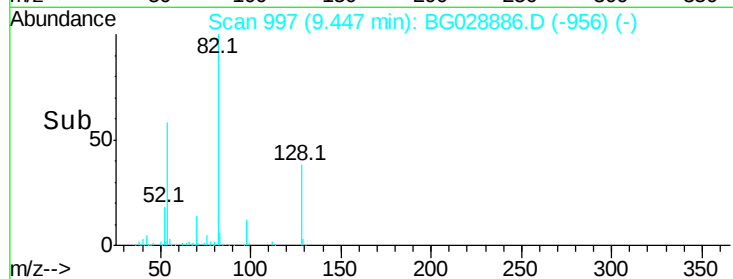
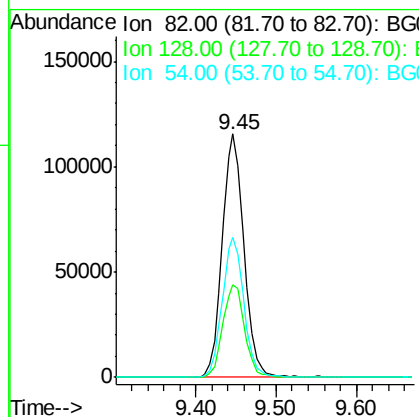
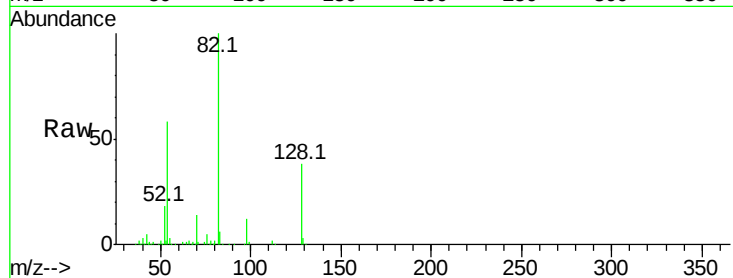
#23
Nitrobenzene-d5
Concen: 107.151 ng m
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028886.D
Acq: 22 Sep 2017 22:39

Instrument :
BNA_G
ClientSampleId :
20170604-COMP-A

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.2	26.4	39.6	
54	57.5	49.4	74.2	

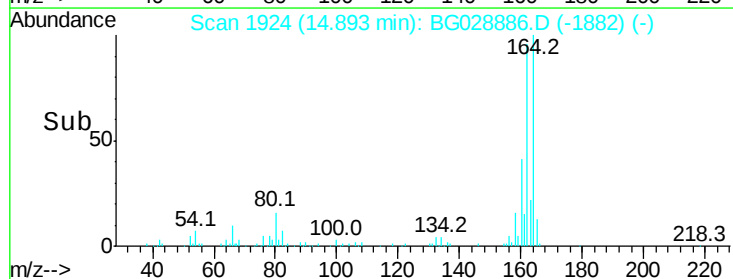
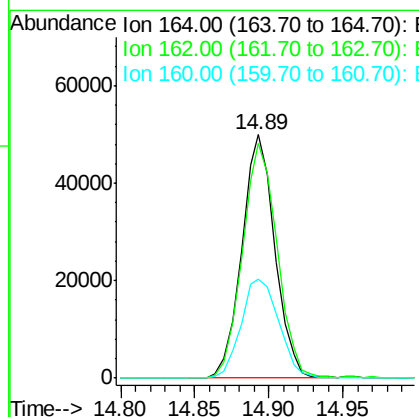
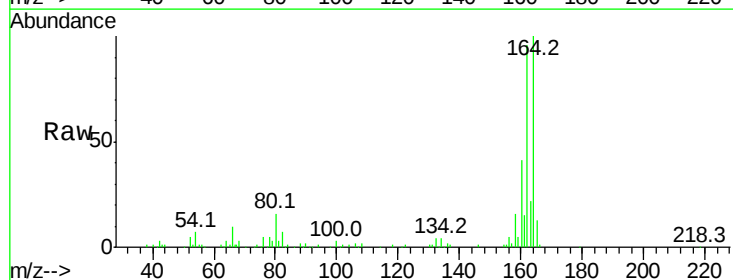
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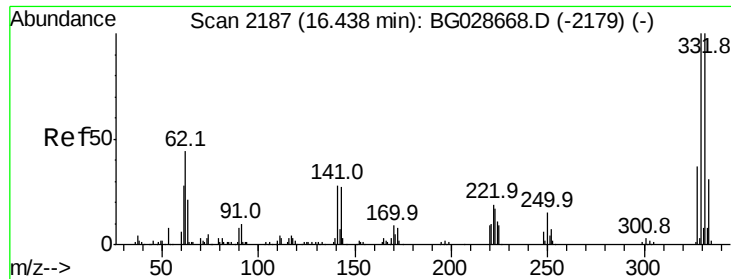
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#38
Acenaphthene-d10
Concen: 20.000 ng m
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028886.D
Acq: 22 Sep 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	96.3	85.1	127.7	
160	40.7	34.7	52.1	





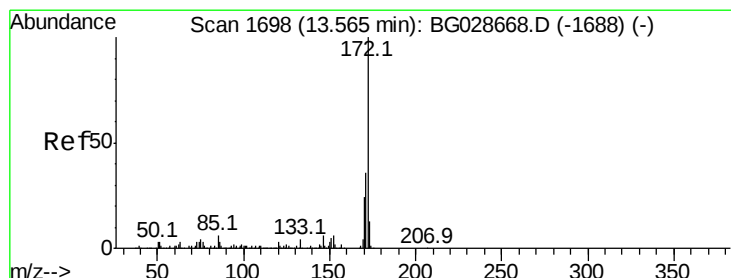
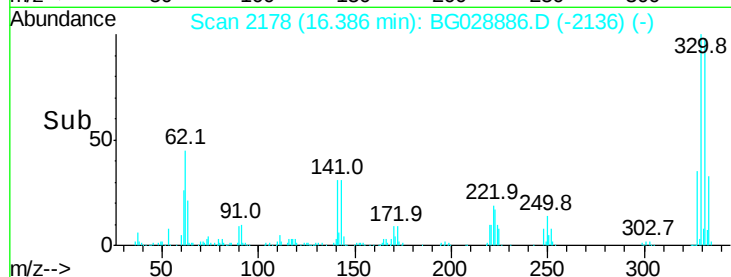
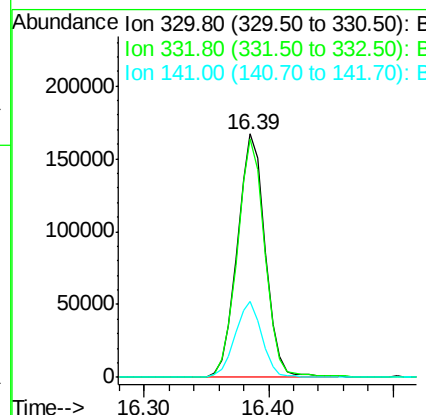
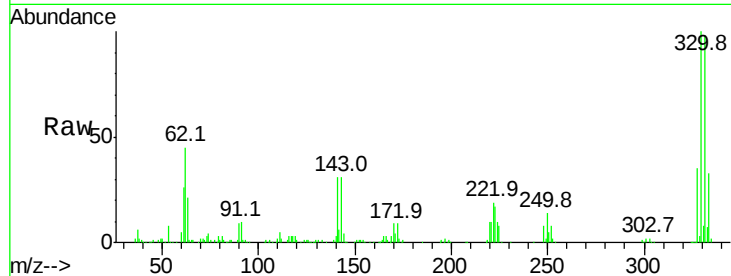
#41
 2,4,6-Tribromophenol
 Concen: 202.301 ng m
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028886.D
 Acq: 22 Sep 2017 22:39

Instrument :
 BNA_G
 ClientSampleId :
 20170604-COMP-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	259344		
332	0.0	77.3	115.9#	
141	0.0	32.1	48.1#	

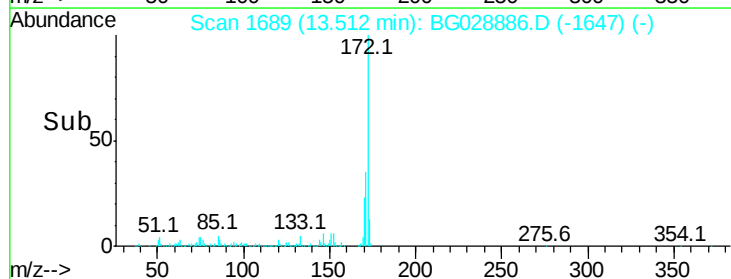
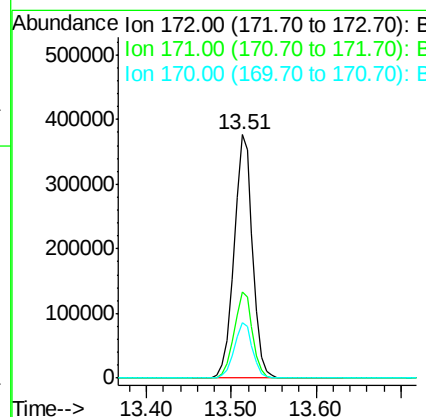
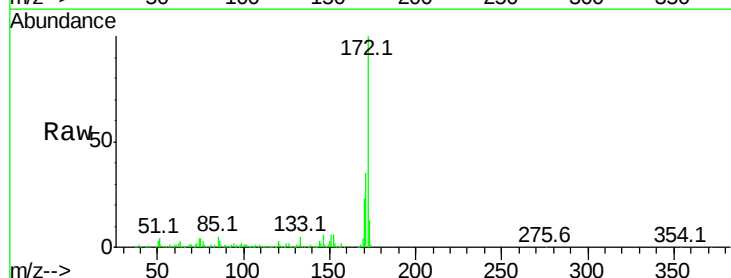
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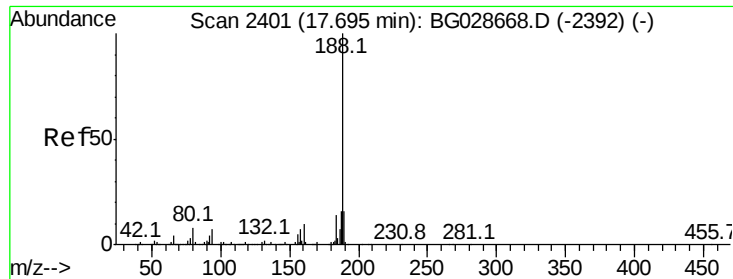
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#44
 2-Fluorobiphenyl
 Concen: 98.721 ng m
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028886.D
 Acq: 22 Sep 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	573850		
171	35.1	32.2	48.2	
170	22.6	21.8	32.6	





#63

Phenanthrene-d10

Concen: 20.000 ng m

RT: 17.64 min Scan# 2392

Delta R.T. -0.05 min

Lab File: BG028886.D

Acq: 22 Sep 2017 22:39

Instrument :

BNA_G

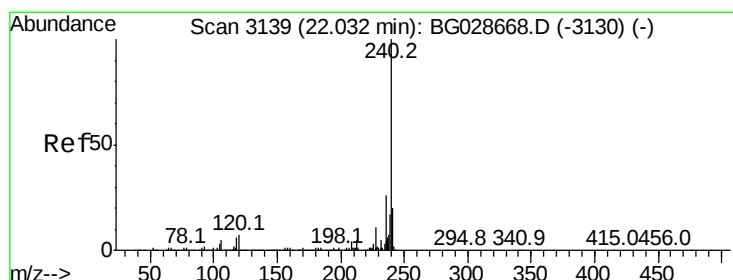
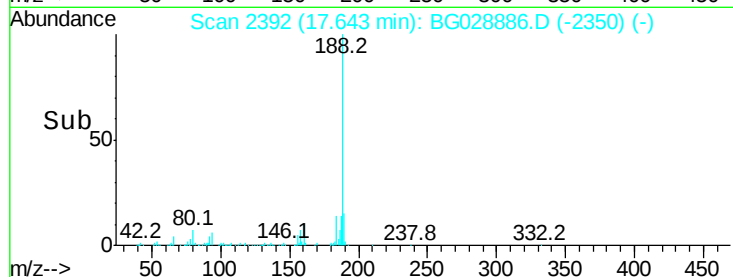
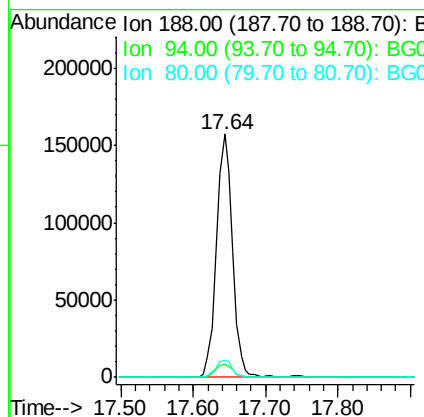
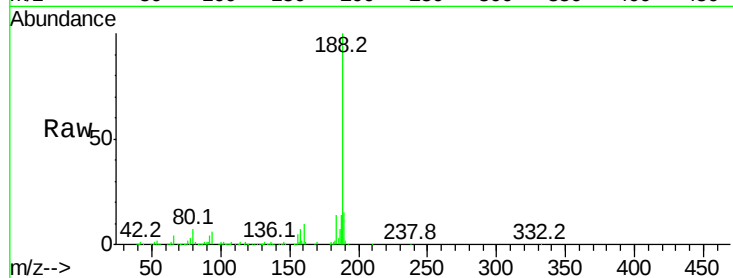
ClientSampleId :

20170604-COMP-A

Tot Ion:	188	Resp:	246588
Ion Ratio	Lower	Upper	
188	100		
94	5.6	5.8	8.8#
80	7.2	7.5	11.3#

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#75

Chrysene-d12

Concen: 20.000 ng m

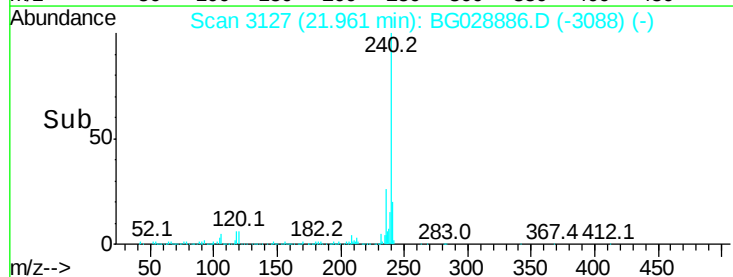
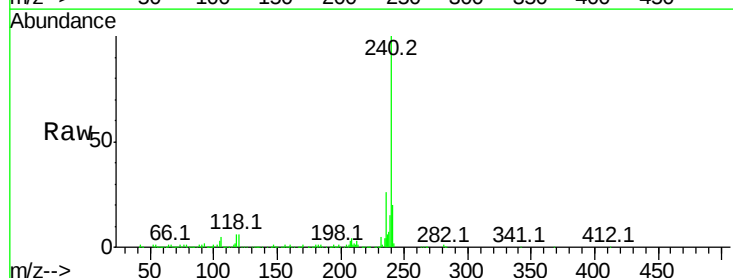
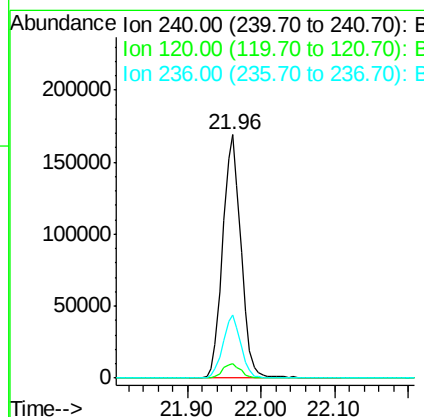
RT: 21.96 min Scan# 3127

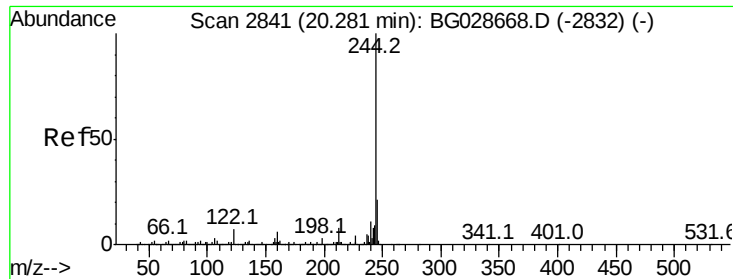
Delta R.T. -0.07 min

Lab File: BG028886.D

Acq: 22 Sep 2017 22:39

Tgt Ion:	240	Resp:	293914
Ion Ratio	Lower	Upper	
240	100		
120	6.1	5.7	8.5
236	25.8	22.2	33.4





#78

Terphenyl-d14

Concen: 100.261 ng m

RT: 20.23 min Scan# 2832

Delta R.T. -0.05 min

Lab File: BG028886.D

Acq: 22 Sep 2017 22:39

Instrument :

BNA_G

ClientSampleId :

20170604-COMP-A

Tot Ion:244 Resp: 1381817

Ion Ratio Lower Upper

244 100

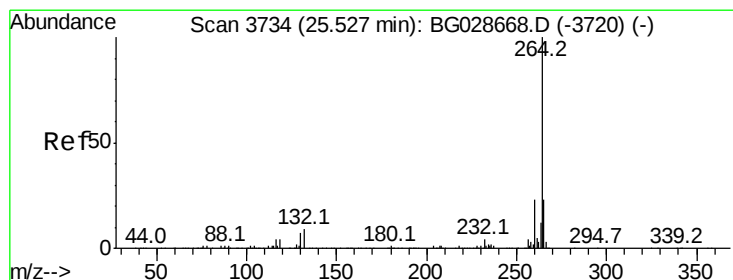
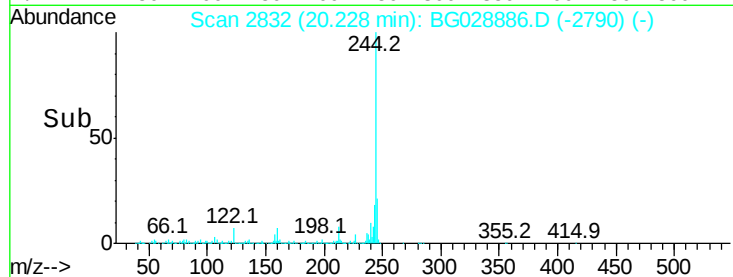
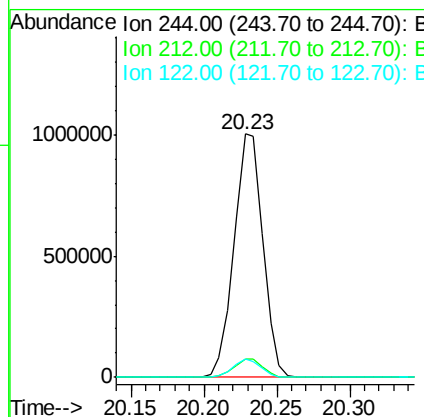
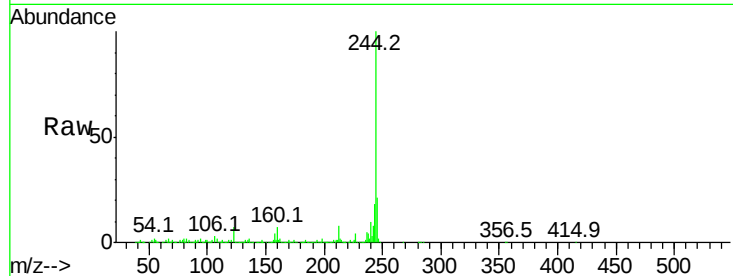
212 7.7 10.0 15.0#

122 7.4 8.6 12.8#

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#86

Perylene-d12

Concen: 20.000 ng m

RT: 25.41 min Scan# 3714

Delta R.T. -0.12 min

Lab File: BG028886.D

Acq: 22 Sep 2017 22:39

Tgt Ion:264 Resp: 305147

Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 22.0 18.2 27.4

