

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
 Data File : BG025994.D
 Acq On : 28 Feb 2017 11:36
 Operator : SJ/MA
 Sample : I2011-01DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-A155DL

Manual Integrations
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Quant Time: Feb 28 15:22:04 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 15:48:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	107622	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	488279	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	337084	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	755518	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	780176	20.00	ng	-0.02
86) Perylene-d12	24.85	264	775256	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	78341	12.67	ng	-0.01
7) Phenol-d6	7.23	99	66354	7.25	ng	0.00
23) Nitrobenzene-d5	9.23	82	173893	22.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	115044	36.94	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	490642	25.43	ng	-0.01
78) Terphenyl-d14	20.00	244	593901	18.51	ng	-0.02
Target Compounds						
31) Naphthalene	10.93	128	344461	13.64	ng	# 96
37) 2-Methylnaphthalene	12.52	142	559811	29.12	ng	# 92
45) 1,1'-Biphenyl	13.52	154	96593m	3.95	ng	
49) Dimethylphthalate	14.12	163	50694	2.19	ng	# 79
83) Bis(2-ethylhexyl)phthalate	21.54	149	84920	3.14	ng	99

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

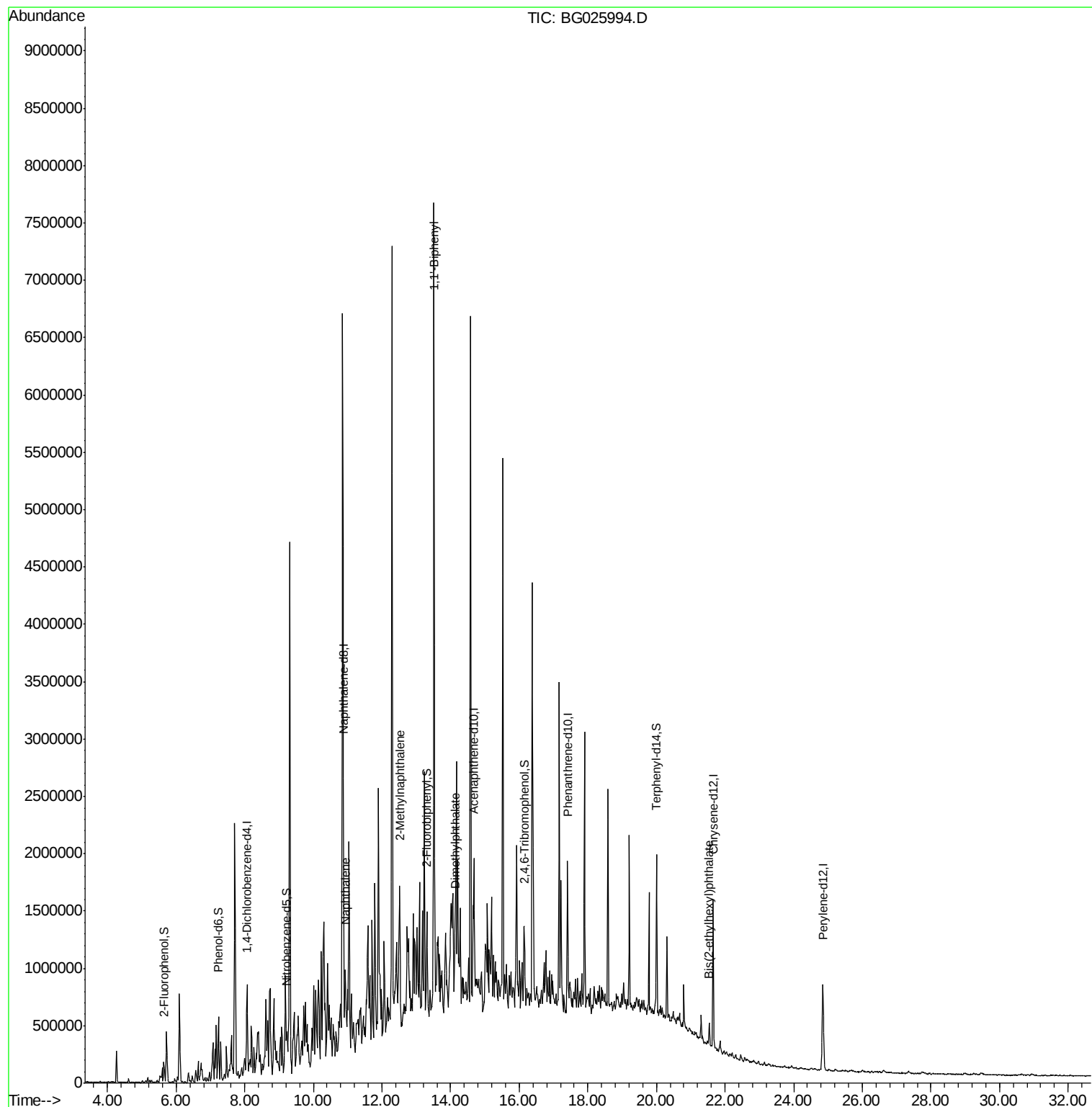
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
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ALS Vial : 32 Sample Multiplier: 1

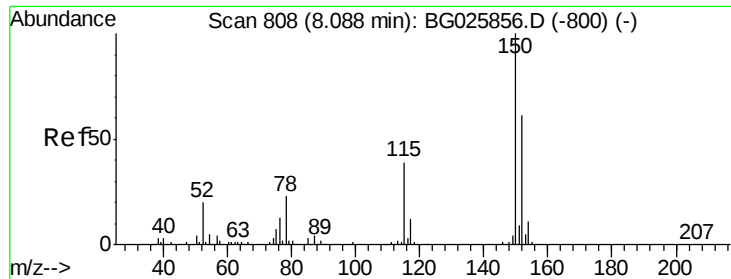
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-A155DL

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Quant Time: Feb 28 15:22:04 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration





#1

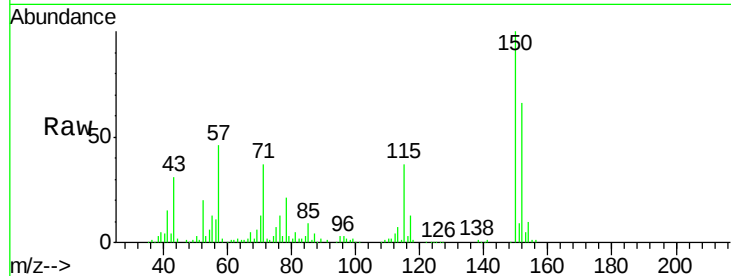
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG025994.D
Acq: 28 Feb 2017 11:36

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-A155DL

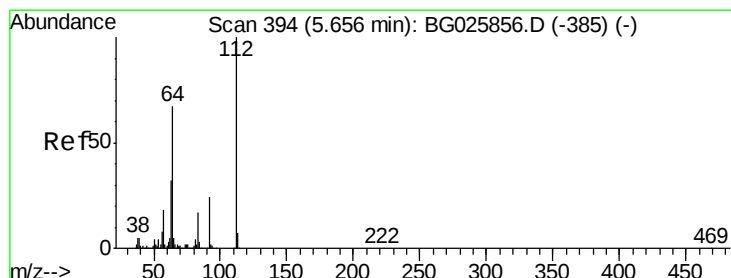
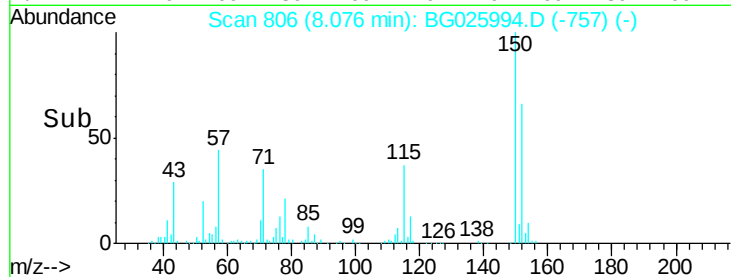
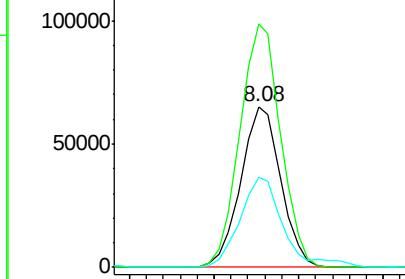
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	114.0	171.0
115	56.1	48.1	72.1

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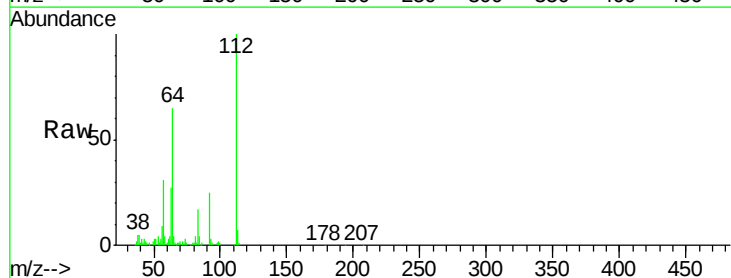
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



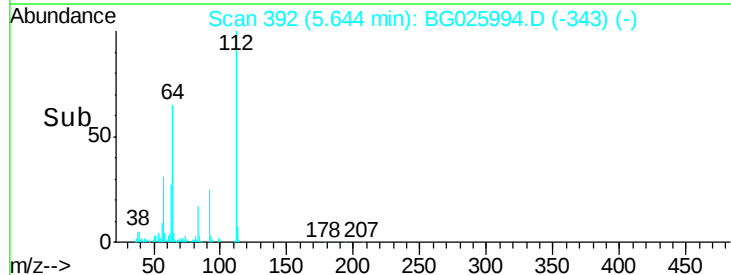
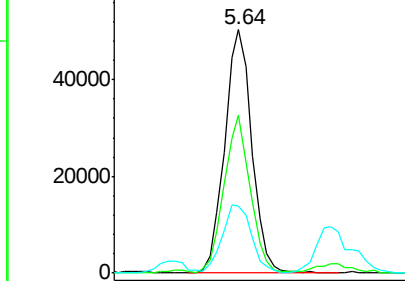
#5

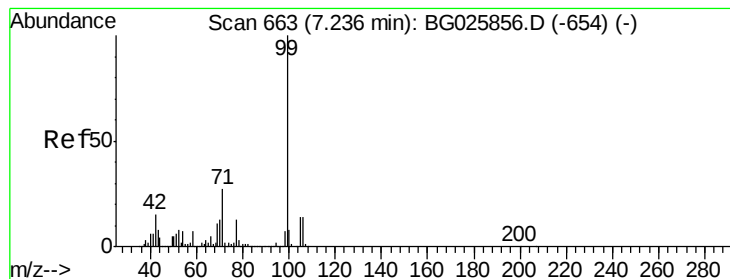
2-Fluorophenol
Concen: 12.67 ng
RT: 5.64 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG025994.D
Acq: 28 Feb 2017 11:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	61.8	92.6
63	27.4	37.2	55.8



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: 7.25 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025994.D

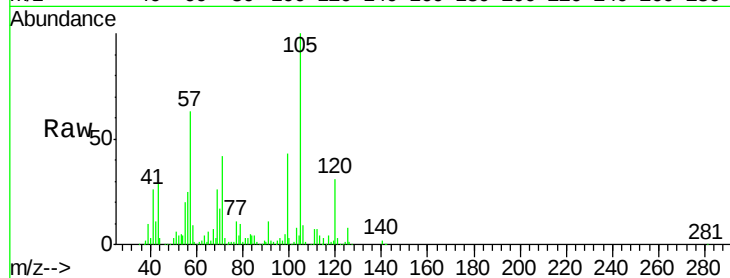
Acq: 28 Feb 2017 11:36

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-A155DL



Tot Ion: 99 Resp: 66354

Ion Ratio Lower Upper

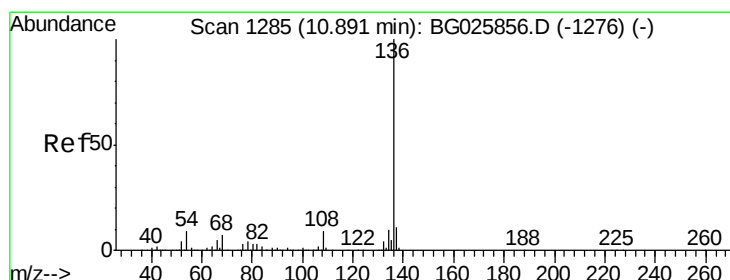
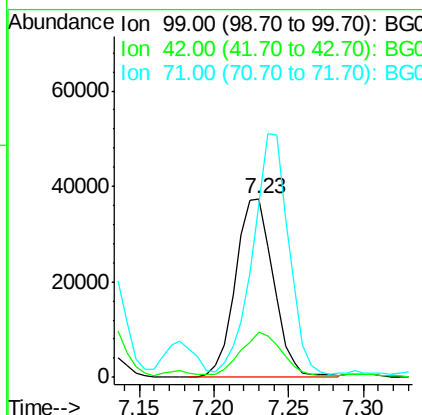
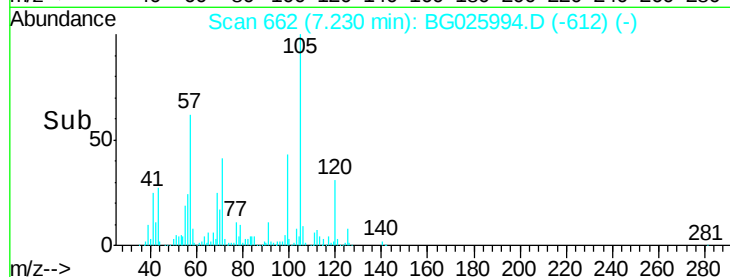
99 100

42 25.6 20.5 30.7

71 97.1 37.6 56.4#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG025994.D

Acq: 28 Feb 2017 11:36

Tgt Ion: 136 Resp: 488279

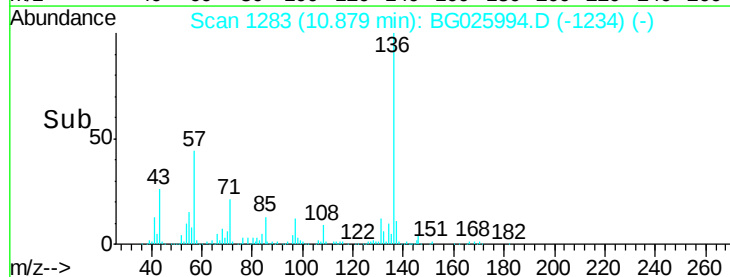
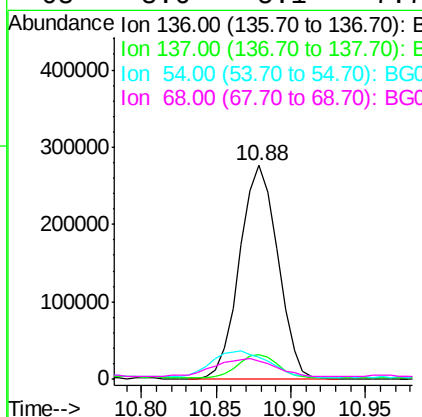
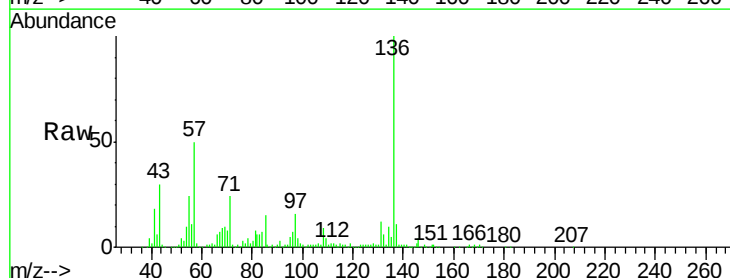
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 10.5 9.3 13.9

68 8.6 5.1 7.7#





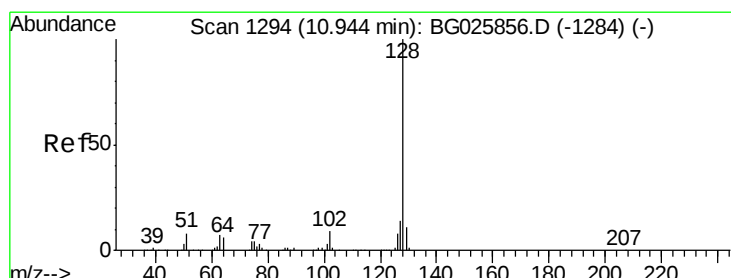
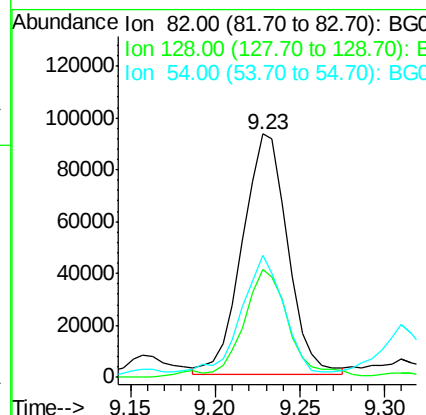
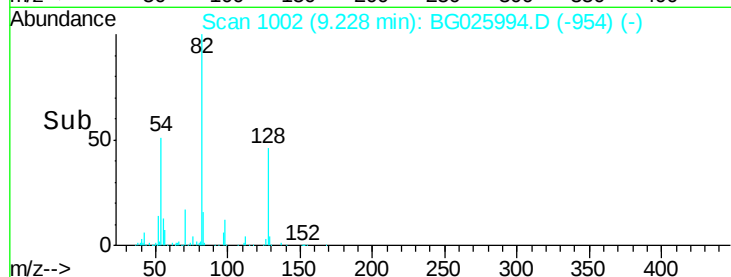
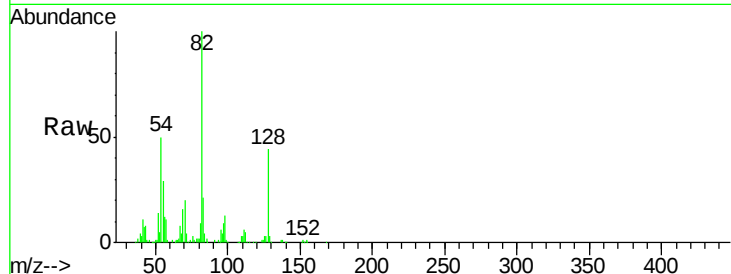
#23
Nitrobenzene-d5
Concen: 22.47 ng
RT: 9.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG025994.D
Acq: 28 Feb 2017 11:36

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-A155DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	26.4	39.6#
54	50.2	49.4	74.2

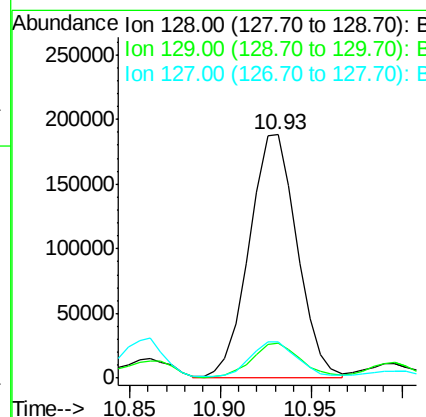
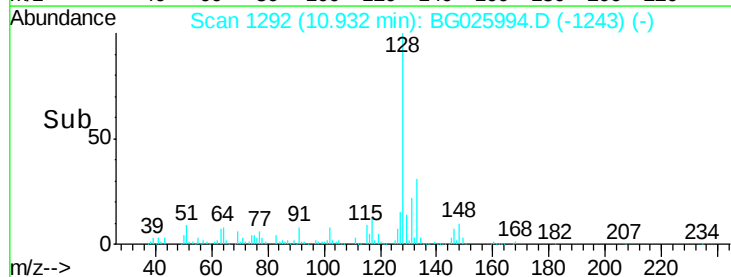
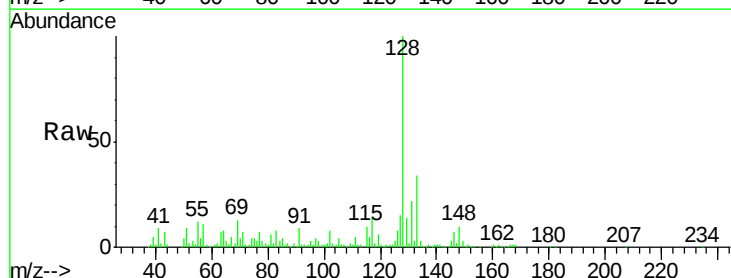
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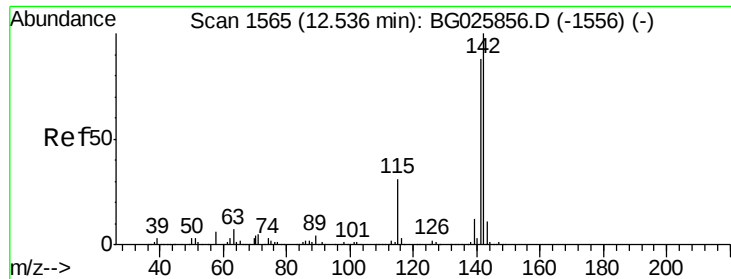
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#31
Naphthalene
Concen: 13.64 ng
RT: 10.93 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG025994.D
Acq: 28 Feb 2017 11:36

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.2	9.3	13.9#
127	14.8	11.4	17.0





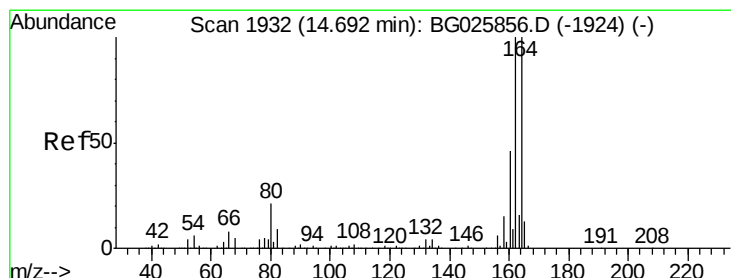
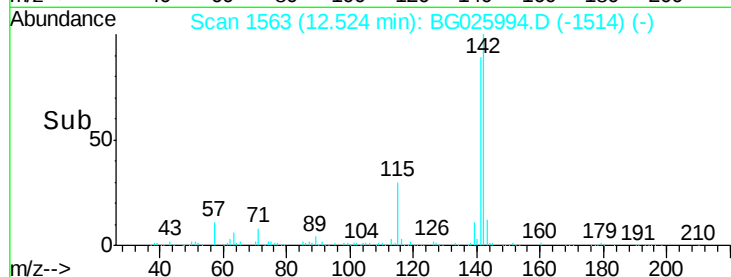
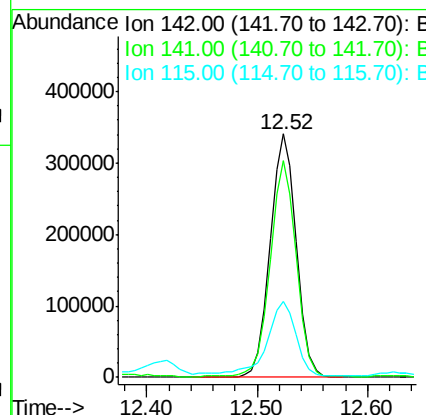
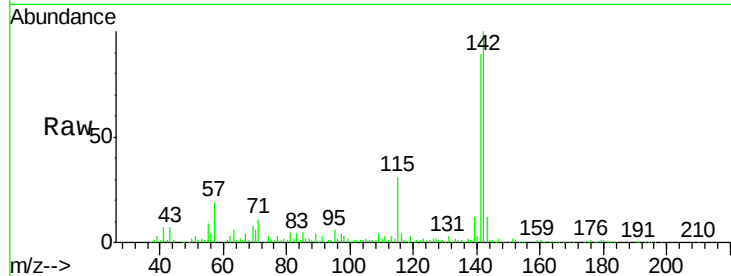
#37
2-Methylnaphthalene
Concen: 29.12 ng
RT: 12.52 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BG025994.D
Acq: 28 Feb 2017 11:36

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-A155DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	31.0	35.5	53.3

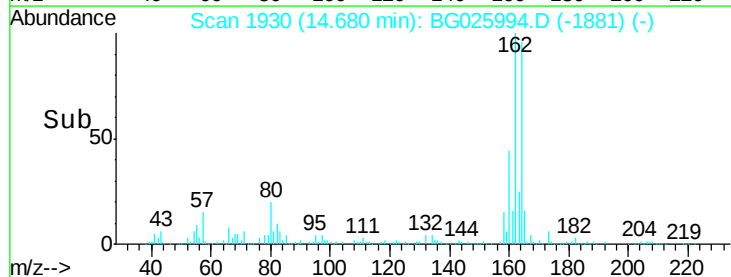
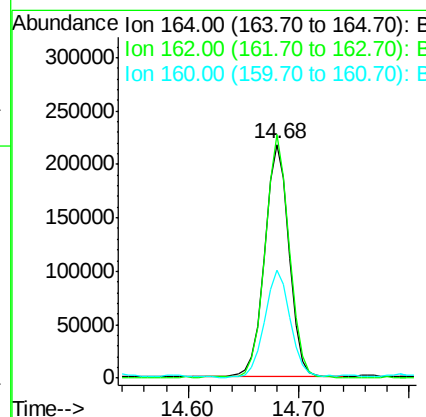
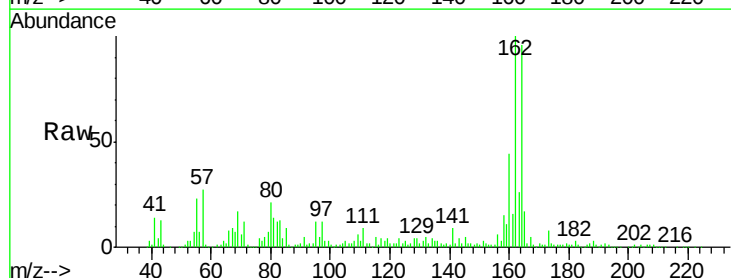
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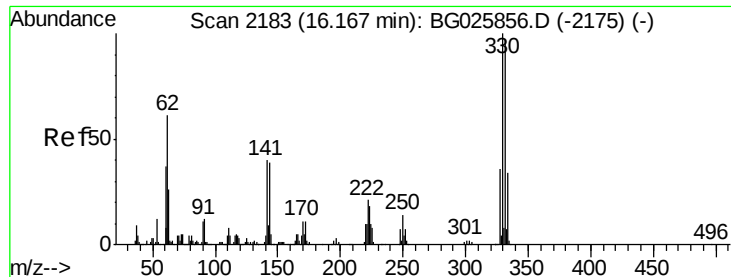
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG025994.D
Acq: 28 Feb 2017 11:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.1	127.7
160	46.1	34.7	52.1





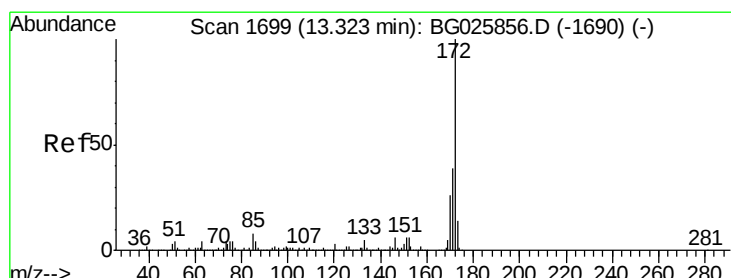
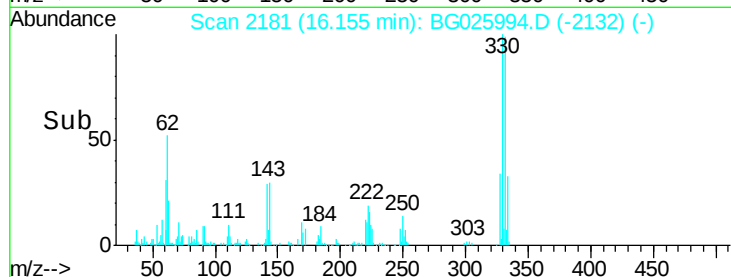
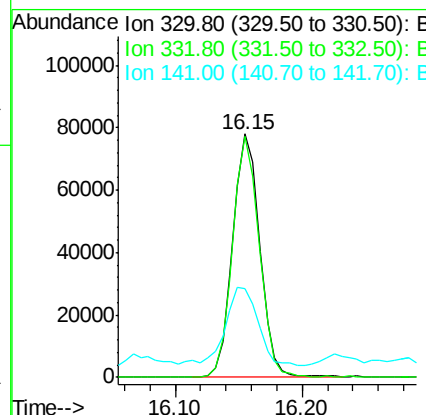
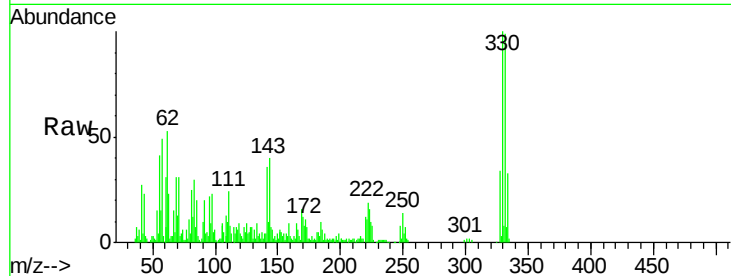
#41
 2,4,6-Tribromophenol
 Concen: 36.94 ng
 RT: 16.15 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG025994.D
 Acq: 28 Feb 2017 11:36

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-A155DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	39.2	32.1	48.1

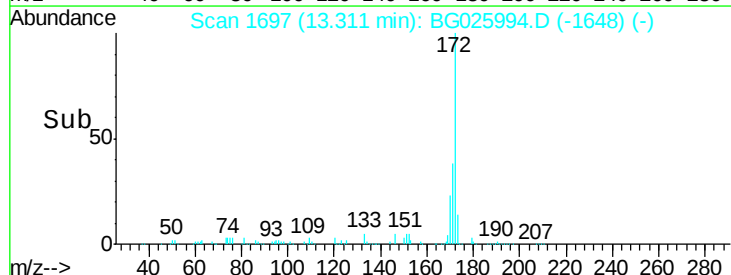
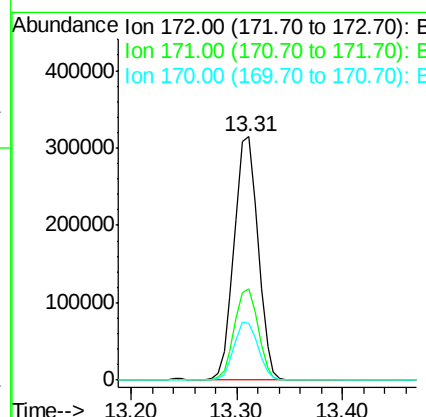
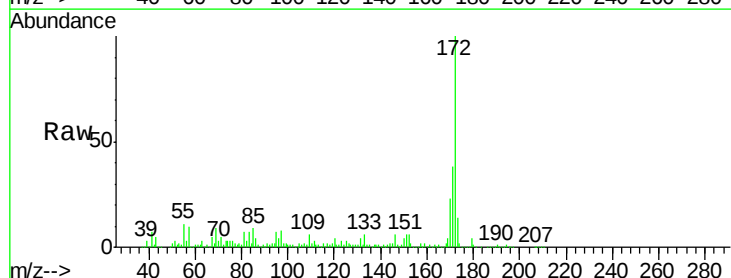
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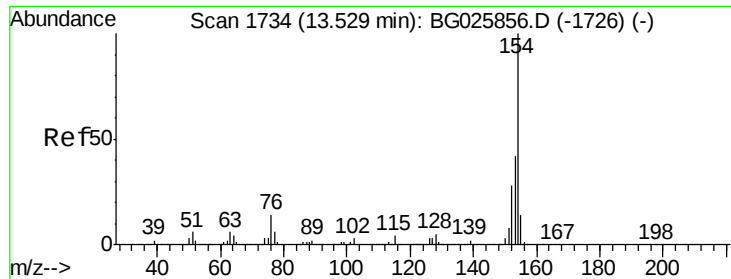
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#44
 2-Fluorobiphenyl
 Concen: 25.43 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG025994.D
 Acq: 28 Feb 2017 11:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.2	48.2
170	23.3	21.8	32.6





#45

1,1'-Biphenyl

Concen: 3.95 ng/mL

RT: 13.52 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BG025994.D

Acq: 28 Feb 2017 11:36

Instrument :

BNA_G

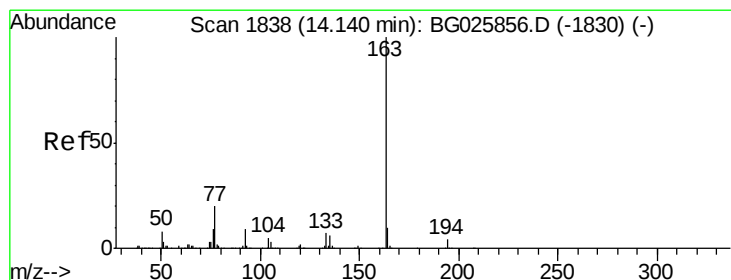
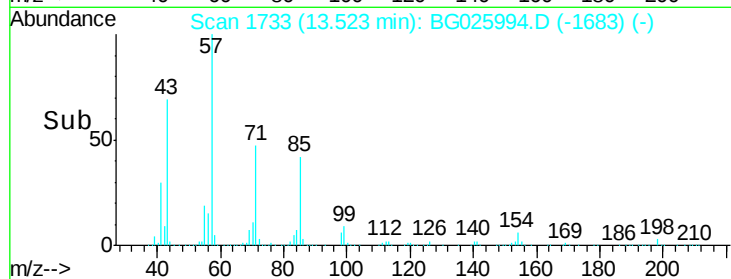
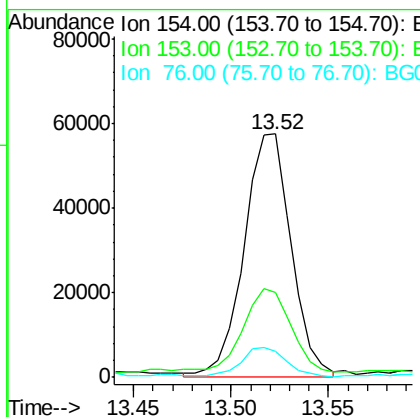
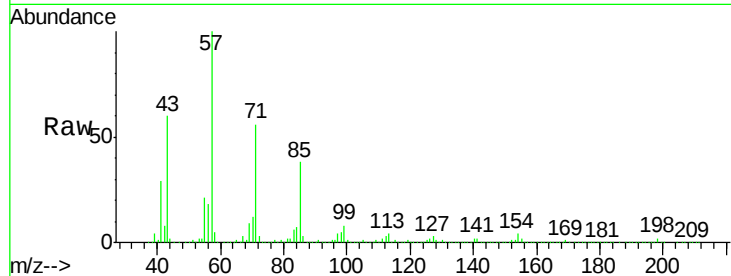
ClientSampleId :

FRAC-TANK-A155DL

Tot Ion:	154	Resp:	96593
Ion Ratio	Lower	Upper	
154	100		
153	34.8	23.0	63.0
76	10.5	0.0	33.5

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#49

Dimethylphthalate

Concen: 2.19 ng/mL

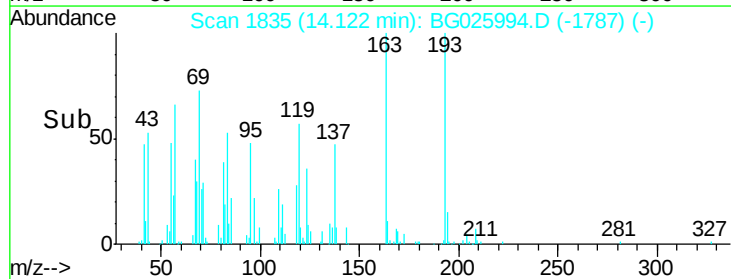
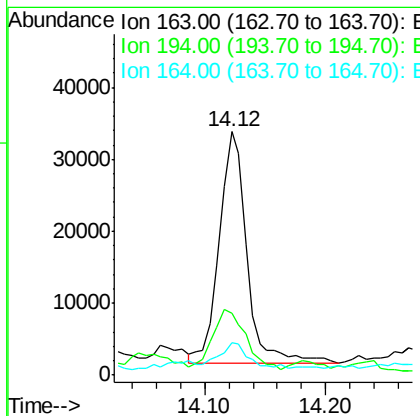
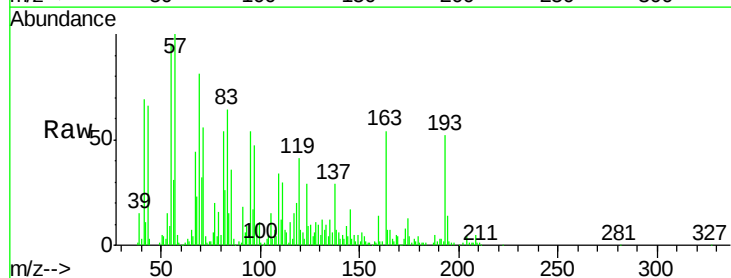
RT: 14.12 min Scan# 1835

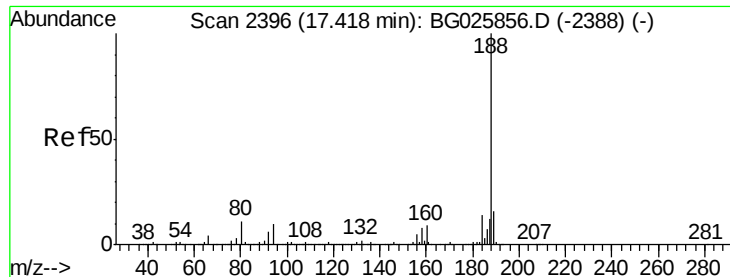
Delta R.T. -0.02 min

Lab File: BG025994.D

Acq: 28 Feb 2017 11:36

Tgt Ion:	163	Resp:	50694
Ion Ratio	Lower	Upper	
163	100		
194	25.2	3.8	5.6#
164	13.2	9.3	13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG025994.D

Acq: 28 Feb 2017 11:36

Instrument :

BNA_G

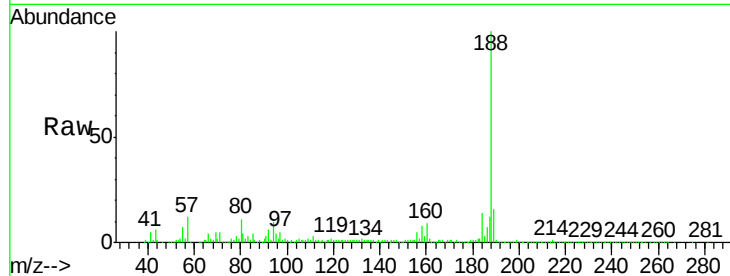
ClientSampleId :

FRAC-TANK-A155DL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	75518		
94	10.2	5.8	8.8#	
80	11.1	7.5	11.3	

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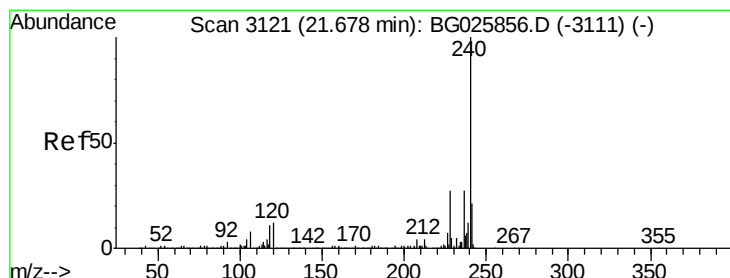
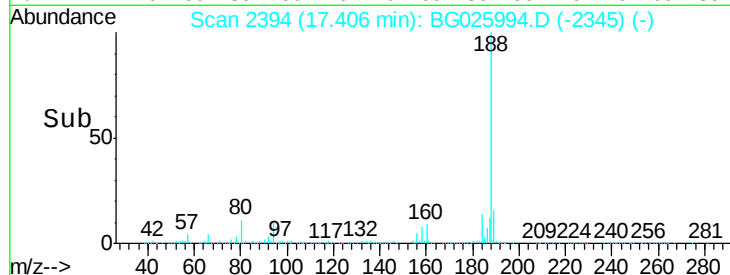
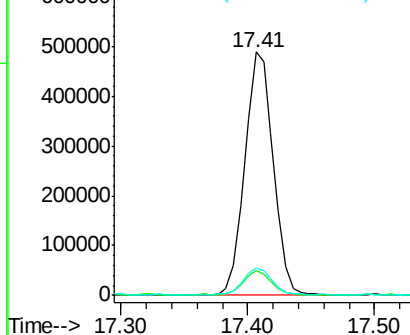
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

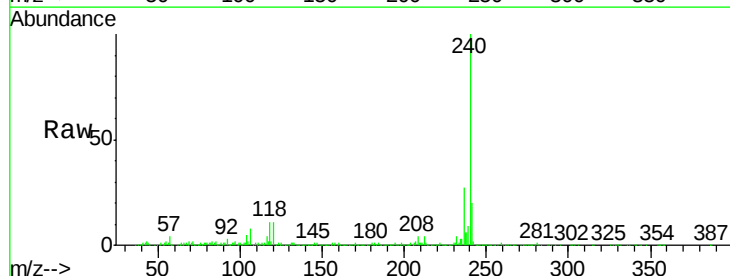
RT: 21.65 min Scan# 3117

Delta R.T. -0.02 min

Lab File: BG025994.D

Acq: 28 Feb 2017 11:36

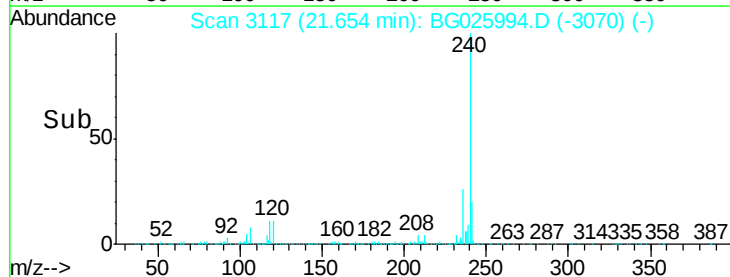
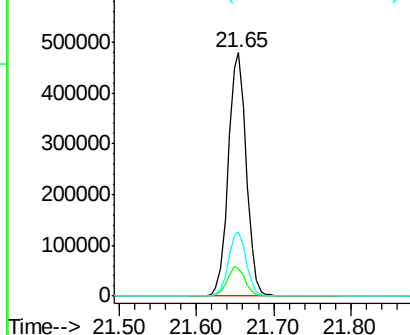
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	780176		
120	11.3	5.7	8.5#	
236	26.5	22.2	33.4	

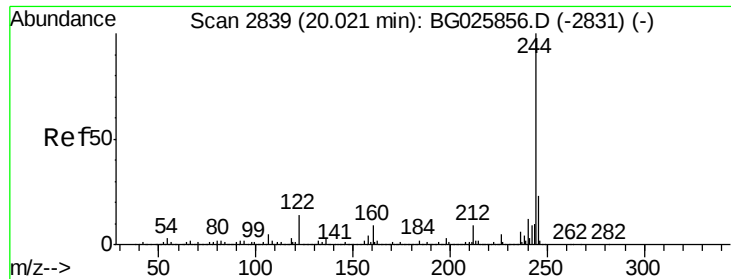


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





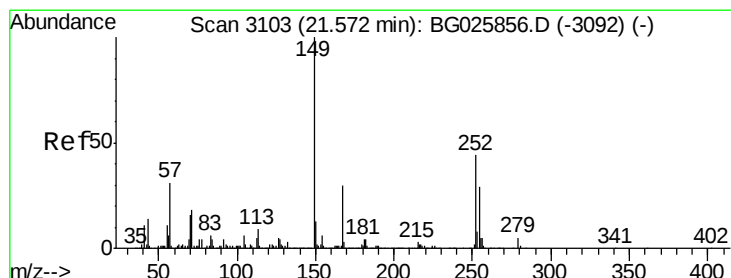
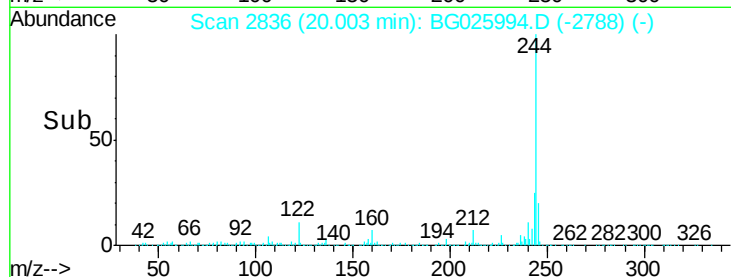
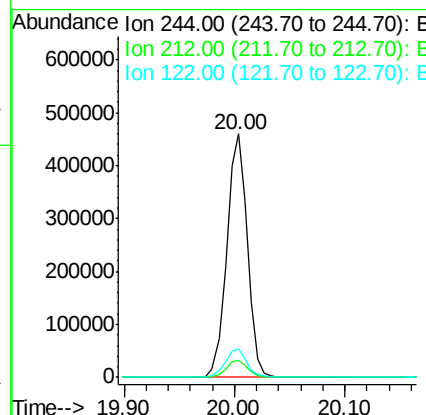
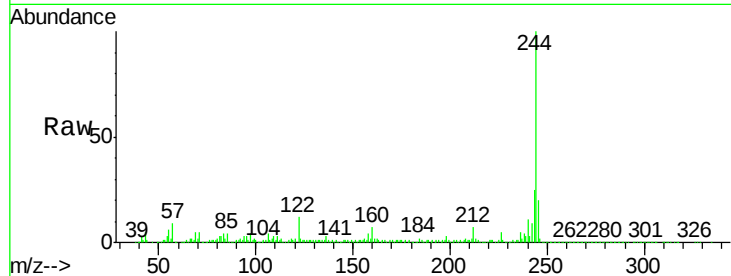
#78
 Terphenyl-d14
 Concen: 18.51 ng
 RT: 20.00 min Scan# 2836
 Delta R.T. -0.02 min
 Lab File: BG025994.D
 Acq: 28 Feb 2017 11:36

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-A155DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	10.0	15.0#
122	11.7	8.6	12.8

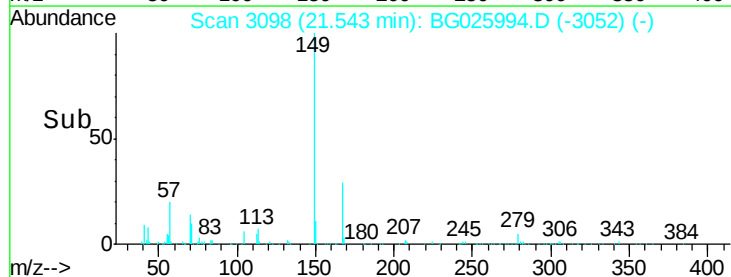
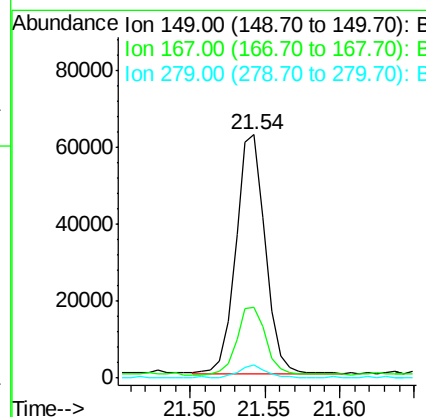
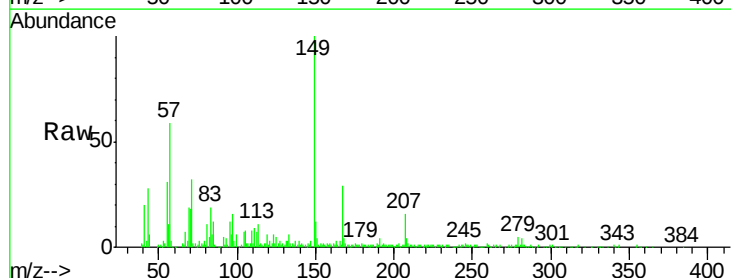
Manual Integrations
 APPROVED

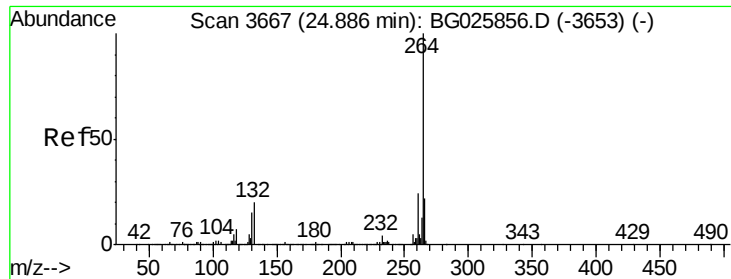
mohammad
 3/1/2017 12:38:10 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.14 ng
 RT: 21.54 min Scan# 3098
 Delta R.T. -0.03 min
 Lab File: BG025994.D
 Acq: 28 Feb 2017 11:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.7	35.5
279	5.3	4.6	6.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 3661
Delta R.T. -0.04 min
Lab File: BG025994.D
Acq: 28 Feb 2017 11:36

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-A155DL

Tot Ion:	264	Resp:	775256
Ion Ratio	Lower	Upper	
264	100		
260	24.9	21.8	32.8
265	21.6	18.2	27.4

Manual Integrations
APPROVED

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3/1/2017 12:38:10 PM

