

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
 Data File : BG025990.D
 Acq On : 28 Feb 2017 8:19
 Operator : SJ/MA
 Sample : I1996-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2-AA6-BASE

Manual Integrations
 APPROVED

mohammad
 3/1/2017 12:38:00 PM

Quant Time: Feb 28 15:12:30 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	93052	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	451040	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	323472	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	848130	20.00	ng	0.00
75) Chrysene-d12	21.65	240	865499	20.00	ng	-0.03
86) Perylene-d12	24.85	264	844920	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	377574	70.64	ng	-0.01
7) Phenol-d6	7.23	99	667650	84.42	ng	0.00
23) Nitrobenzene-d5	9.23	82	352304	49.29	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	452630	151.46	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1106639	59.78	ng	-0.01
78) Terphenyl-d14	20.00	244	1999051	56.18	ng	-0.02
Target Compounds						
17) 2-Methylphenol	8.51	107	13591	2.20	ng	Qvalue # 82
20) 3+4-Methylphenols	8.83	107	24330	2.76	ng	84
27) 2,4-Dimethylphenol	10.04	122	46392m	6.88	ng	
49) Dimethylphthalate	14.12	163	476349	21.46	ng	97

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

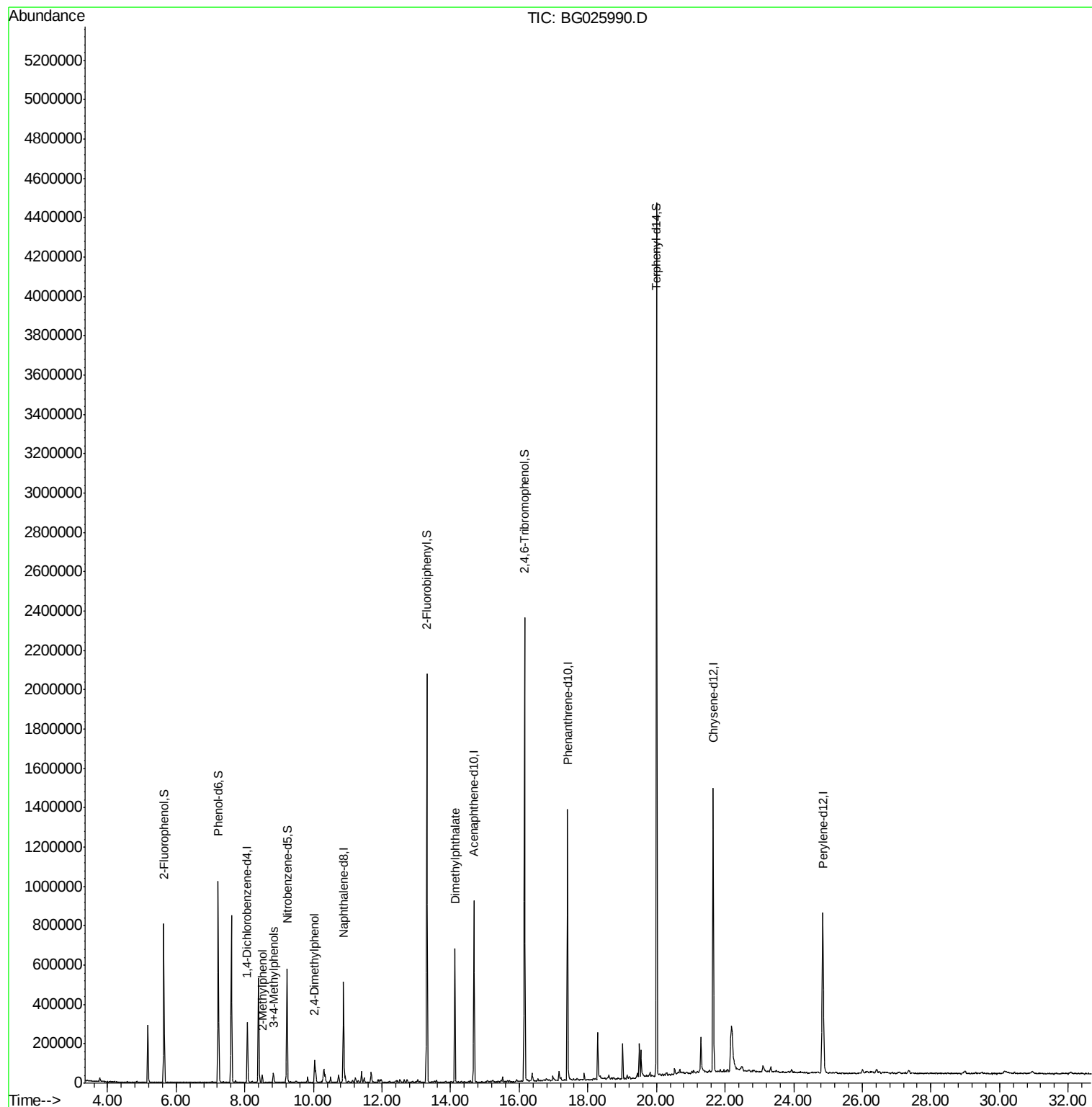
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
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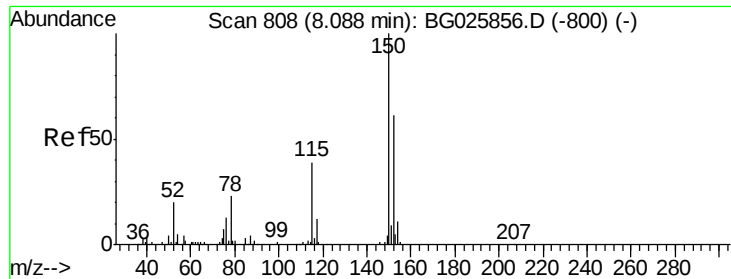
Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASE

Manual Integrations
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Quant Time: Feb 28 15:12:30 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

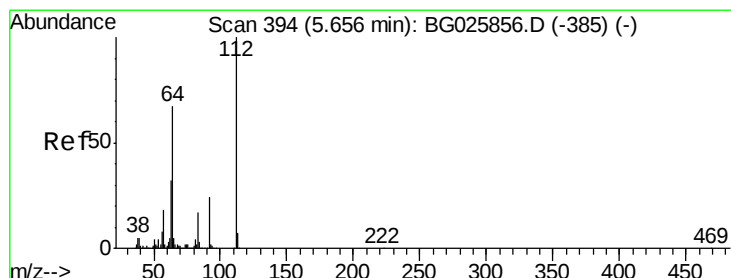
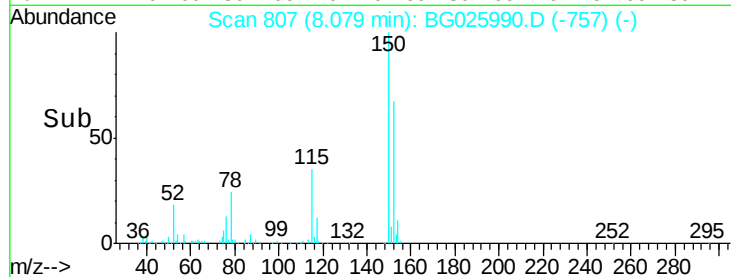
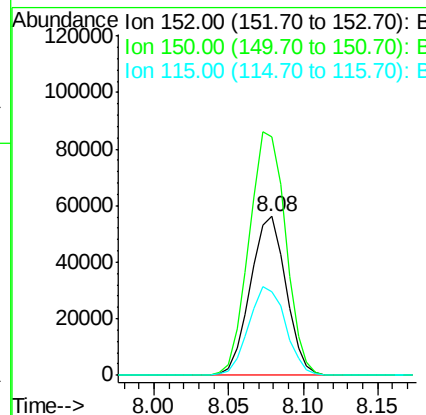
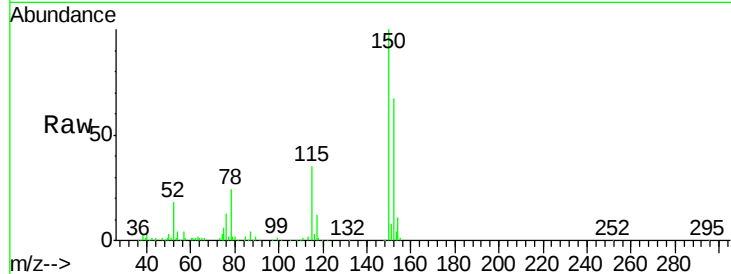
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG025990.D
Acq: 28 Feb 2017 8:19

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	114.0	171.0
115	53.1	48.1	72.1

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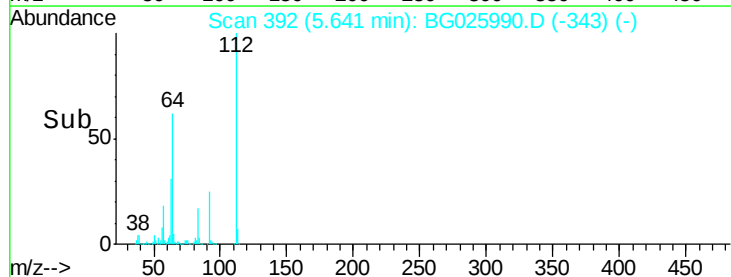
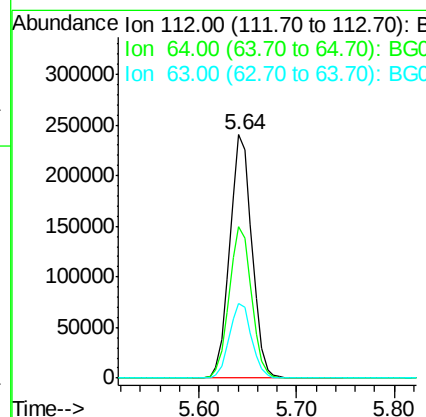
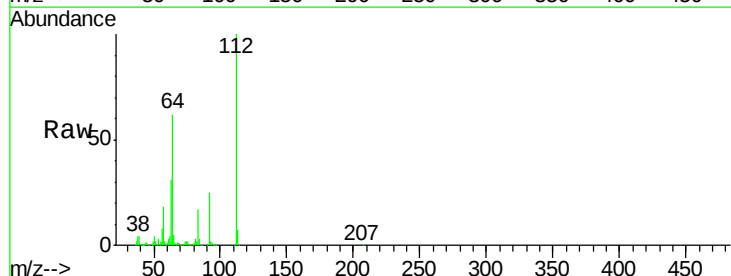
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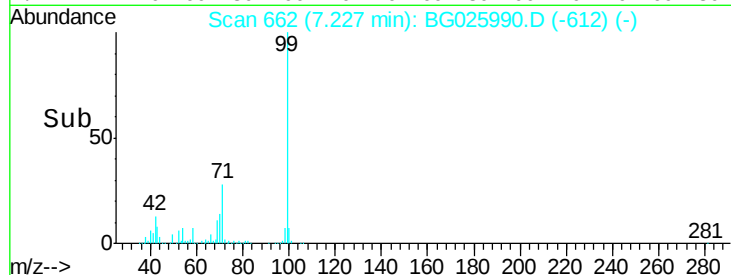
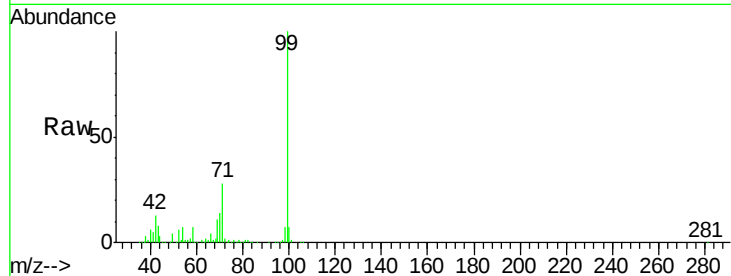
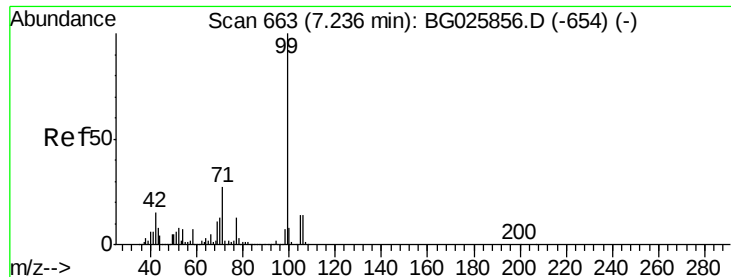


#5

2-Fluorophenol
Concen: 70.64 ng
RT: 5.64 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG025990.D
Acq: 28 Feb 2017 8:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	61.8	92.6
63	30.8	37.2	55.8





#7

Phenol-d6

Concen: 84.42 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025990.D

Acq: 28 Feb 2017 8:19

Tot Ion:	99	Resp:	667650
Ion Ratio	Lower	Upper	
99	100		
42	13.2	20.5	30.7#
71	27.7	37.6	56.4#

Instrument :

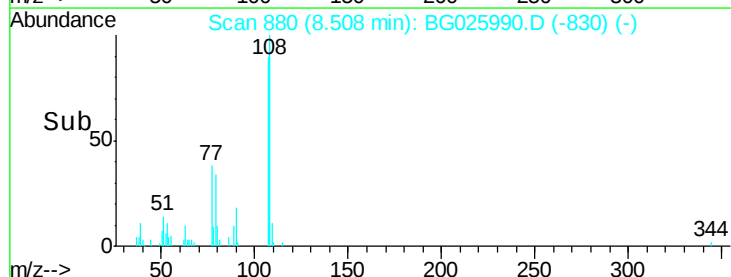
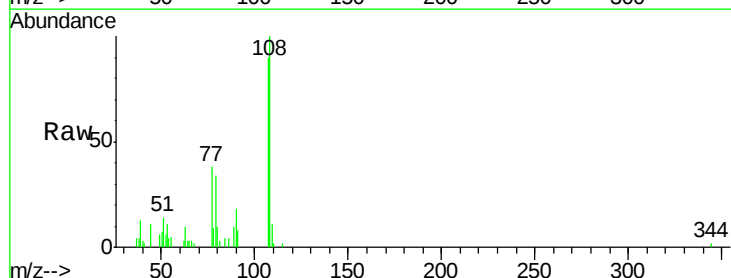
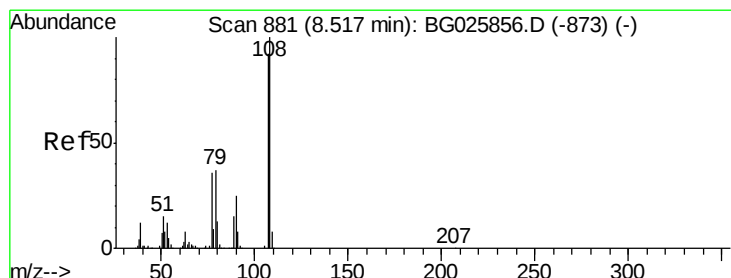
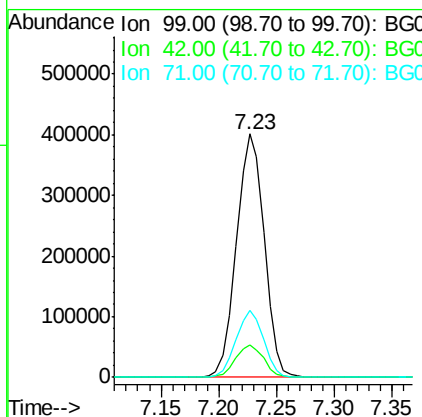
BNA_G

ClientSampleId :

E2-AA6-BASE

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#17

2-Methylphenol

Concen: 2.20 ng

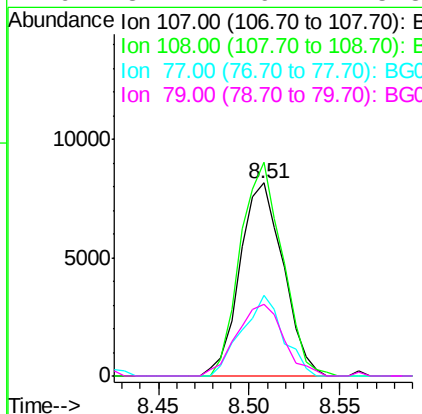
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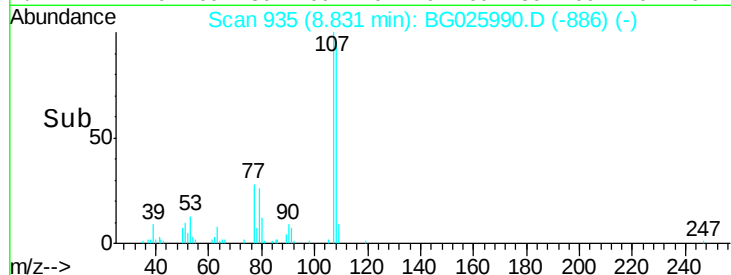
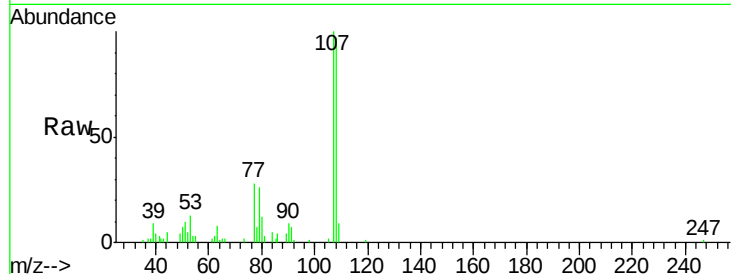
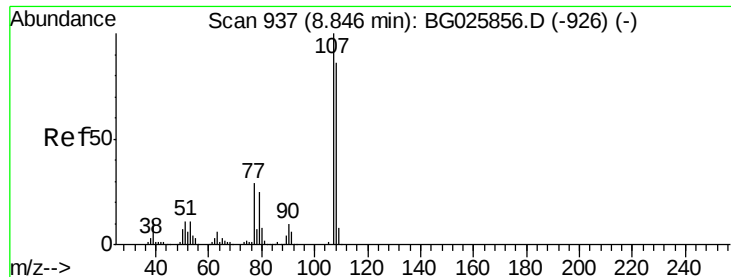
Delta R.T. -0.01 min

Lab File: BG025990.D

Acq: 28 Feb 2017 8:19

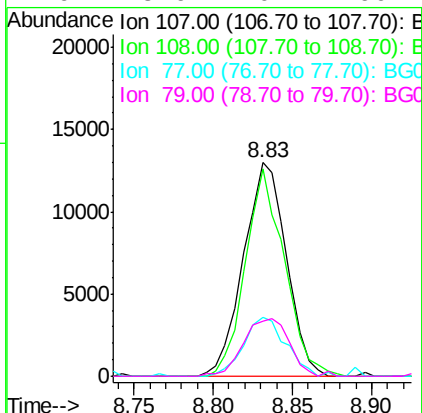
Tgt Ion:	107	Resp:	13591
Ion Ratio	Lower	Upper	
107	100		
108	110.8	85.6	128.4
77	41.6	51.4	77.2#
79	37.4	49.2	73.8#





#20
3+4-Methylphenols
Concen: 2.76 ng
RT: 8.83 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG025990.D
Acq: 28 Feb 2017 8:19

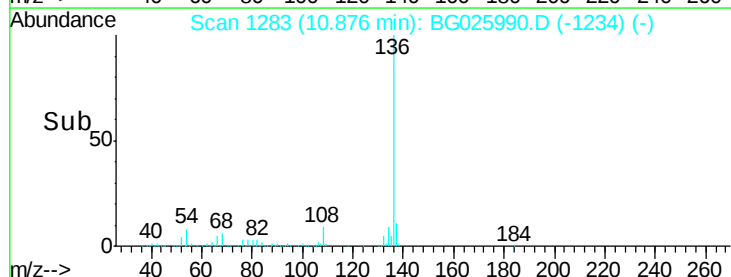
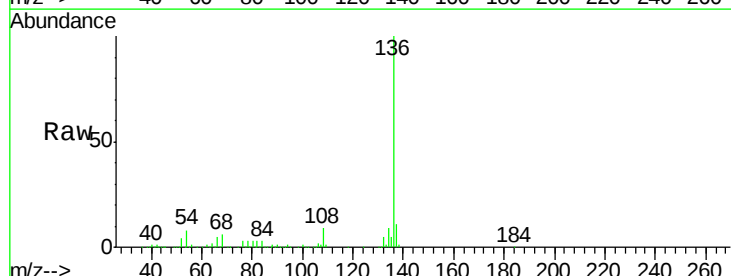
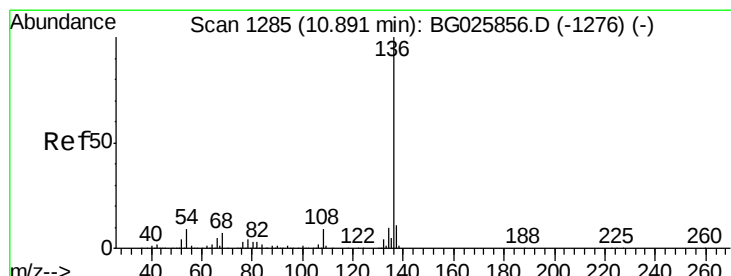
Tot Ion	Ratio	Lower	Upper
107	100		
108	96.9	70.8	110.8
77	27.6	25.8	65.8
79	25.9	20.1	60.1



Instrument :
BNA_G
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E2-AA6-BASE

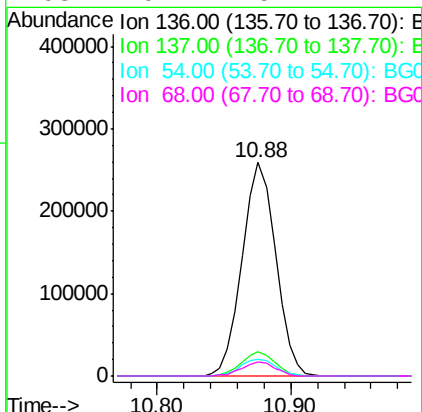
Manual Integrations
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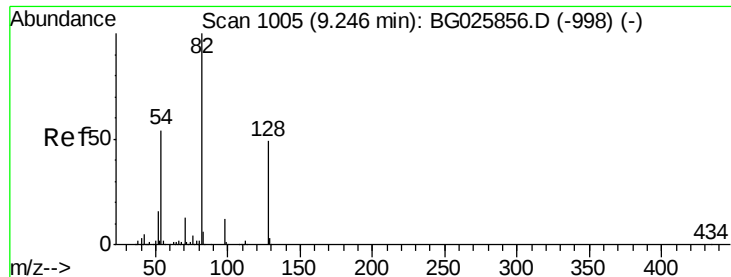
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BG025990.D
Acq: 28 Feb 2017 8:19

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.8	9.3	13.9#
68	6.4	5.1	7.7





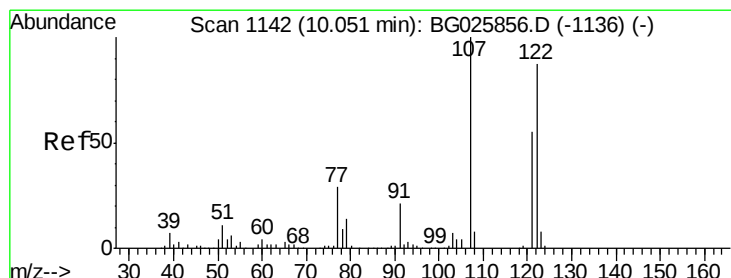
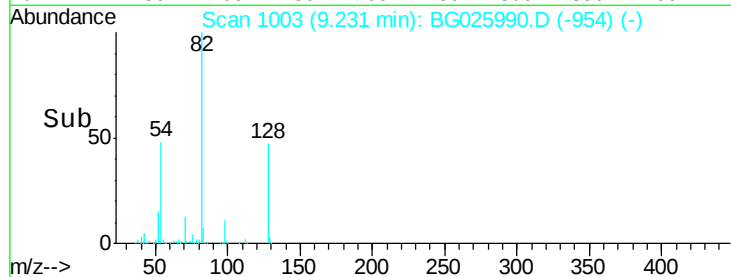
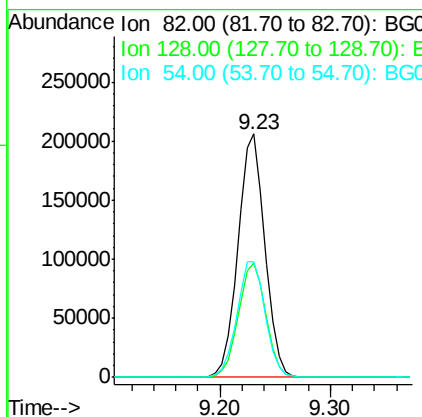
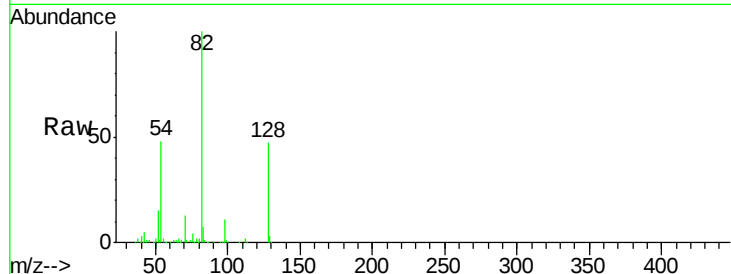
#23
 Nitrobenzene-d5
 Concen: 49.29 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BG025990.D
 Acq: 28 Feb 2017 8:19

Instrument :
 BNA_G
 ClientSampleId :
 E2-AA6-BASE

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	26.4	39.6#
54	47.5	49.4	74.2#

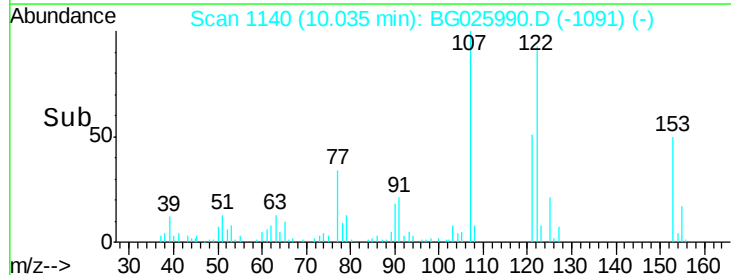
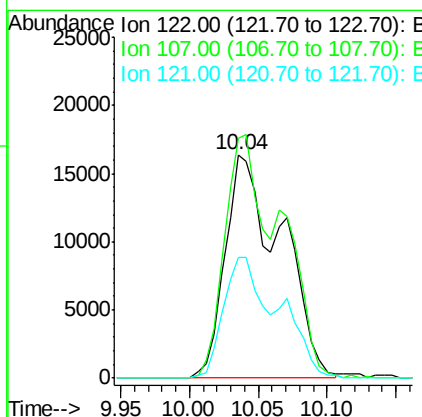
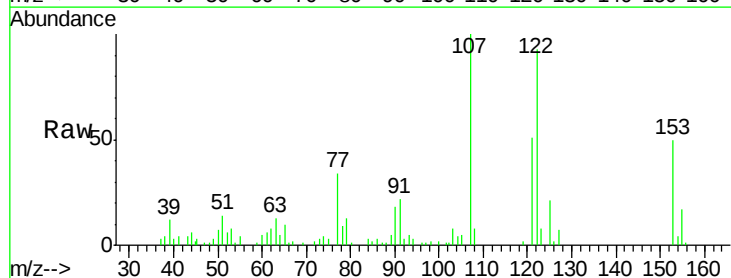
Manual Integrations
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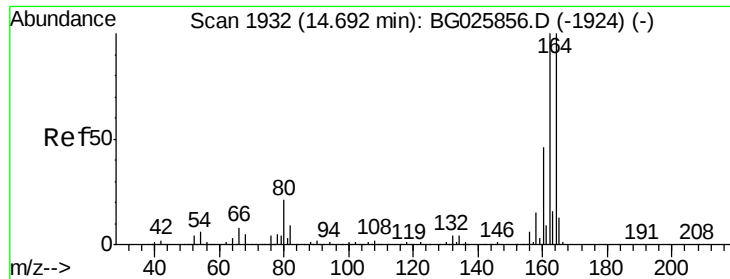
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#27
 2,4-Dimethylphenol
 Concen: 6.88 ng m
 RT: 10.04 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BG025990.D
 Acq: 28 Feb 2017 8:19

Tgt Ion	Ratio	Lower	Upper
122	100		
107	107.0	104.2	156.4
121	54.1	46.0	69.0





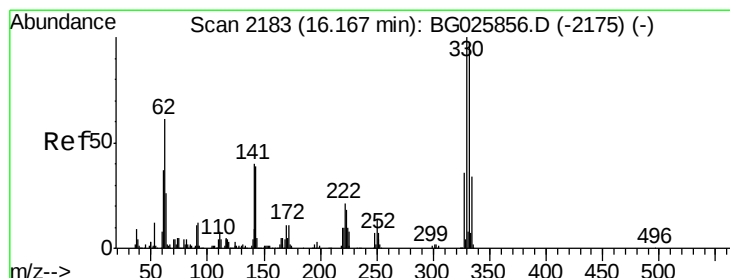
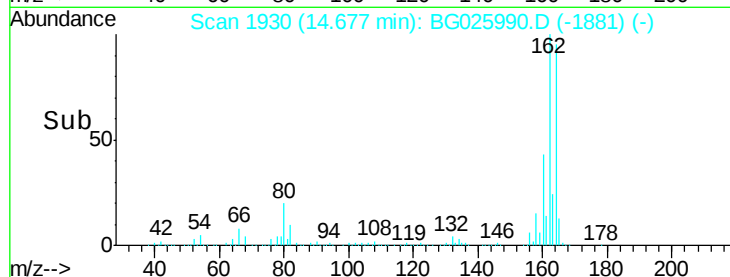
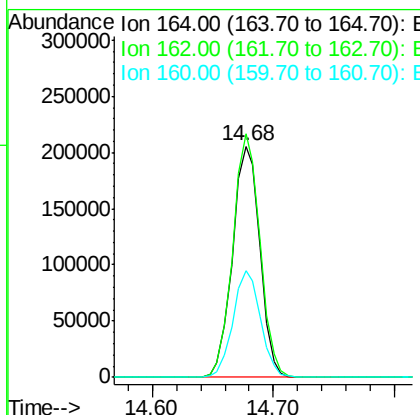
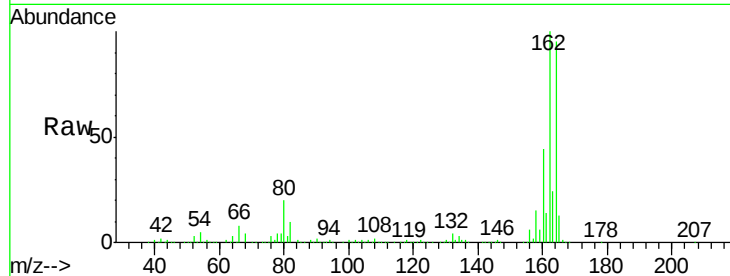
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.02 min
Lab File: BG025990.D
Acq: 28 Feb 2017 8:19

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASE

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.4	85.1	127.7	
160	45.9	34.7	52.1	

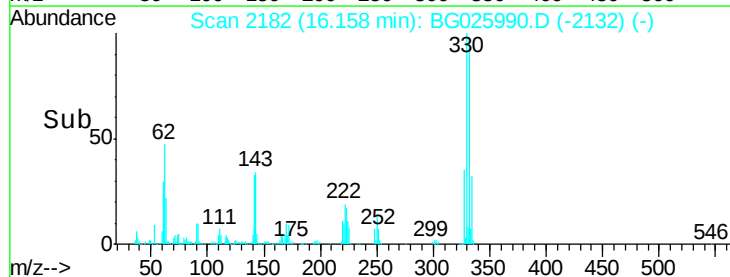
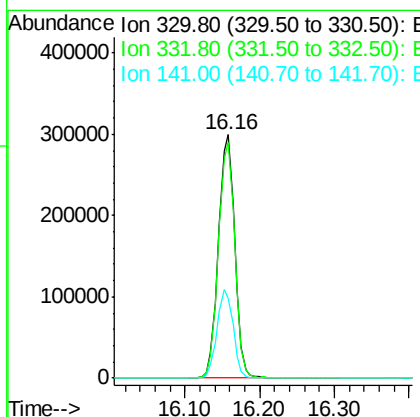
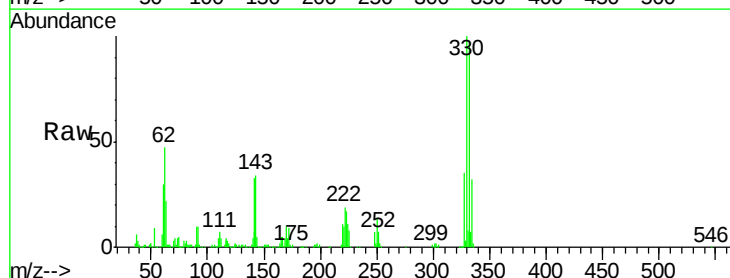
Manual Integrations
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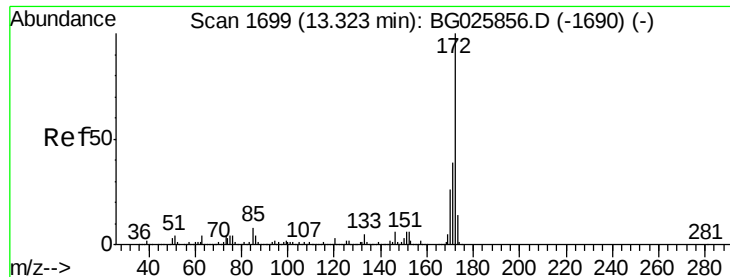
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#41
2,4,6-Tribromophenol
Concen: 151.46 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG025990.D
Acq: 28 Feb 2017 8:19

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4	77.3	115.9	
141	36.1	32.1	48.1	





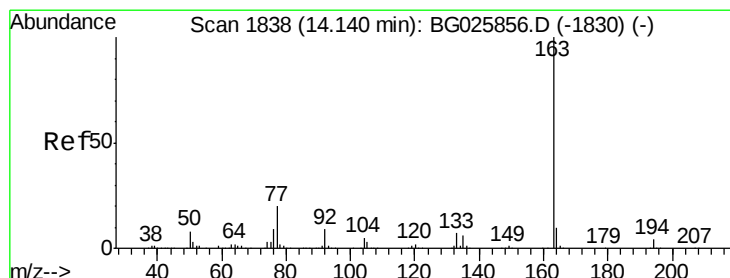
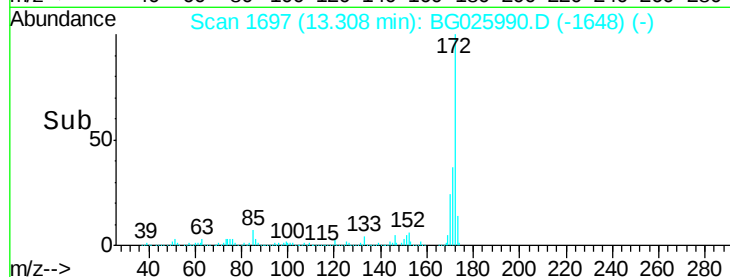
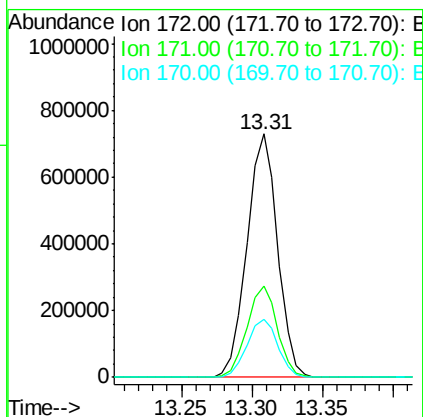
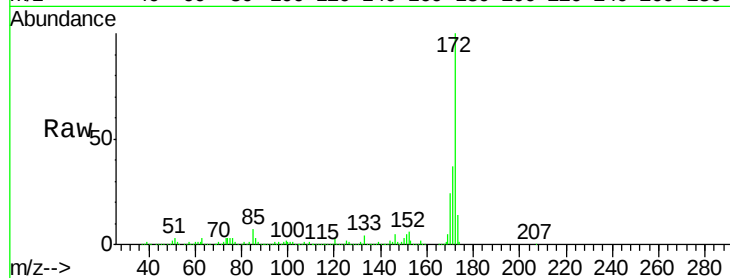
#44
2-Fluorobiphenyl
Concen: 59.78 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG025990.D
Acq: 28 Feb 2017 8:19

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASE

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	32.2	48.2
170	23.9	21.8	32.6

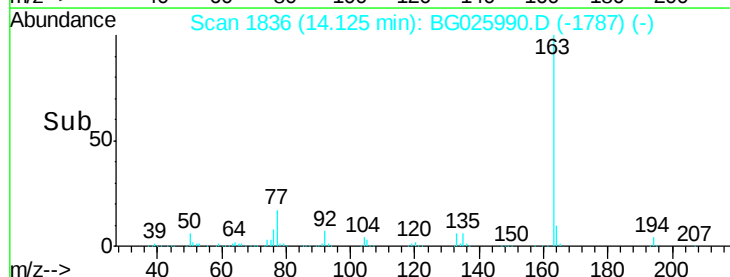
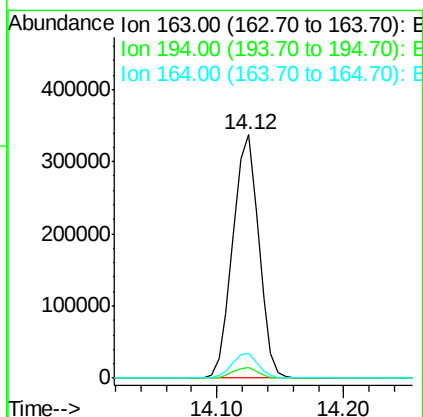
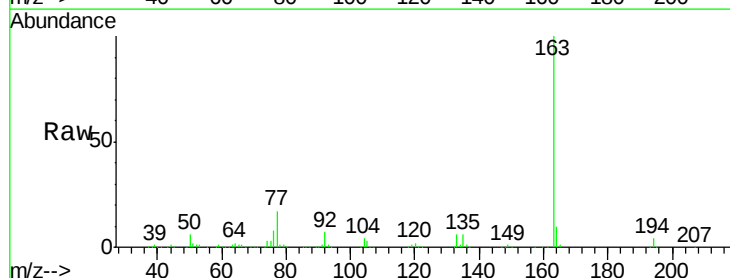
Manual Integrations
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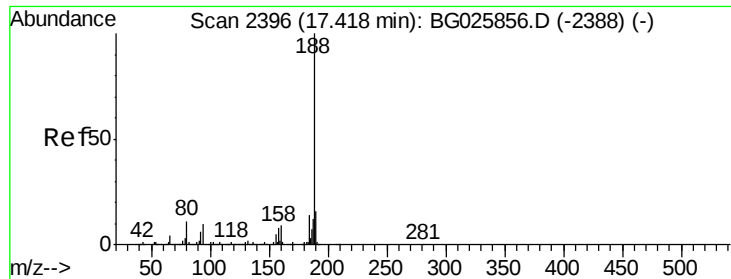
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#49
Dimethylphthalate
Concen: 21.46 ng
RT: 14.12 min Scan# 1836
Delta R.T. -0.02 min
Lab File: BG025990.D
Acq: 28 Feb 2017 8:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.6
164	10.0	9.3	13.9





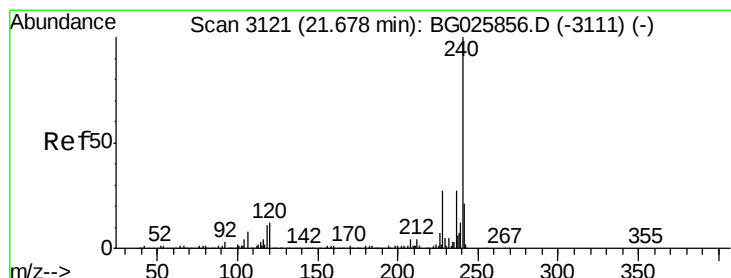
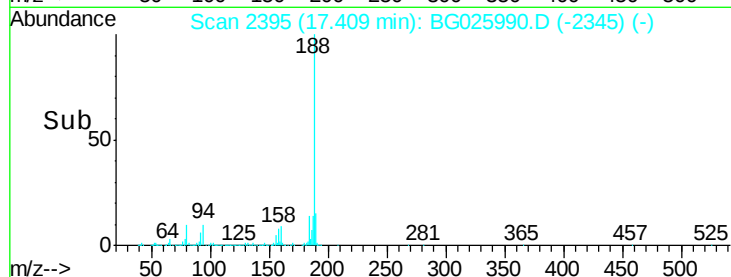
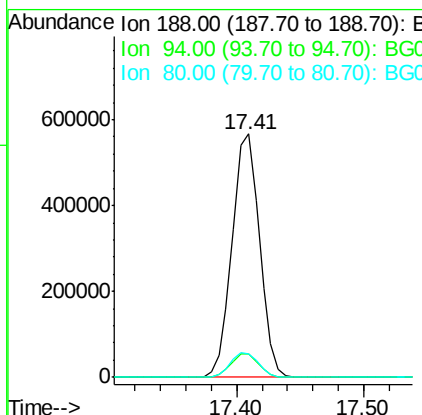
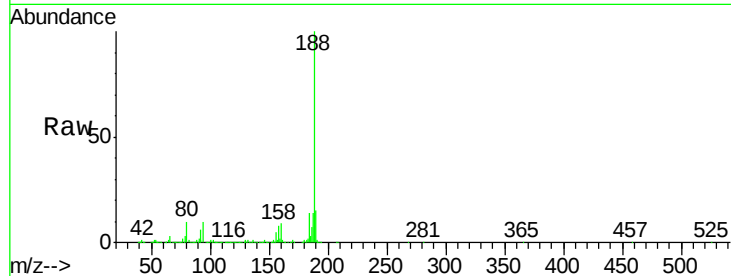
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG025990.D
Acq: 28 Feb 2017 8:19

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASE

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.5	5.8	8.8#
80	9.7	7.5	11.3

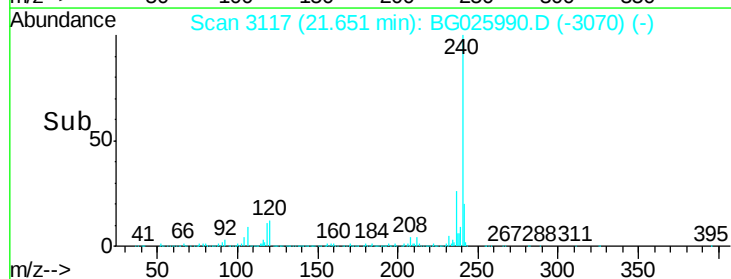
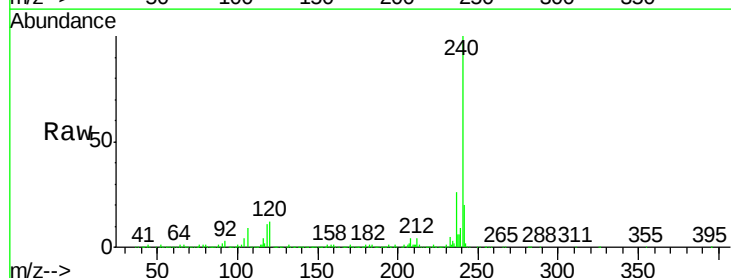
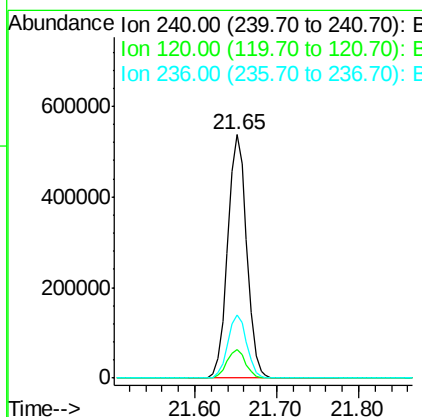
Manual Integrations
APPROVED

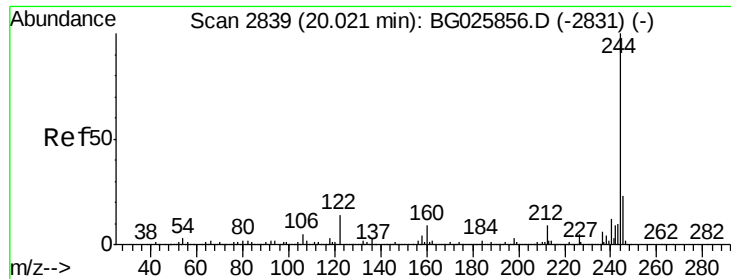
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3/1/2017 12:38:00 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.65 min Scan# 3117
Delta R.T. -0.03 min
Lab File: BG025990.D
Acq: 28 Feb 2017 8:19

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.8	5.7	8.5#
236	26.0	22.2	33.4





#78

Terphenyl-d14

Concen: 56.18 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG025990.D

Acq: 28 Feb 2017 8:19

Instrument :

BNA_G

ClientSampleId :

E2-AA6-BASE

Tot Ion:244 Resp: 1999051

Ion Ratio Lower Upper

244 100

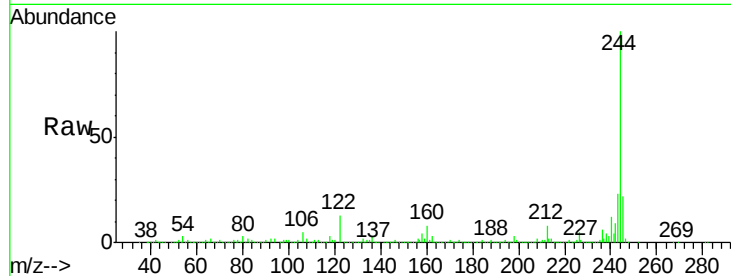
212 8.0 10.0 15.0#

122 13.1 8.6 12.8#

Manual Integrations
APPROVED

mohammad

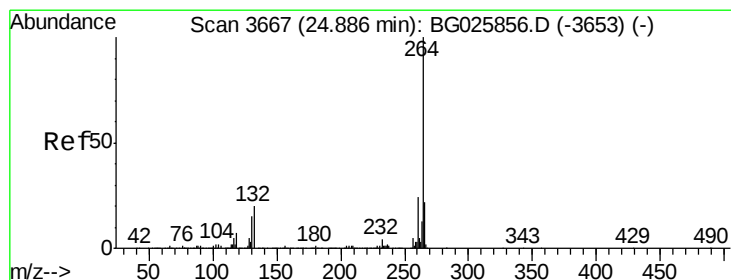
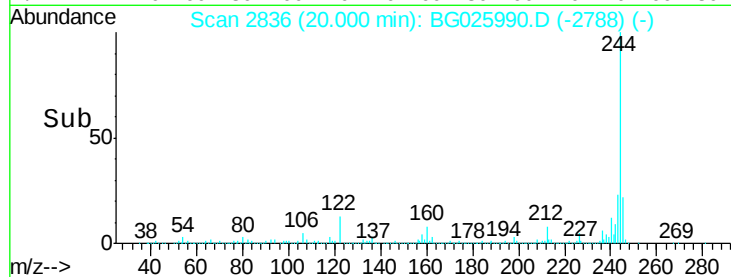
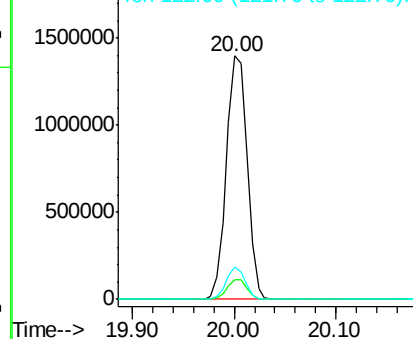
3/1/2017 12:38:00 PM



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

Perylene-d12

Concen: 20.00 ng

RT: 24.85 min Scan# 3661

Delta R.T. -0.04 min

Lab File: BG025990.D

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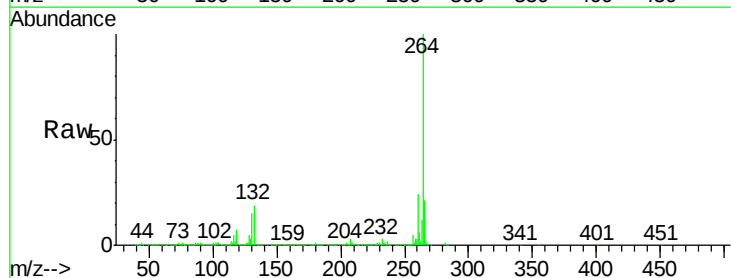
Tgt Ion:264 Resp: 844920

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 21.2 18.2 27.4



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

