

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030935.D
 Acq On : 11 Nov 2017 9:37
 Operator : SJ/JU
 Sample : I6413-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FM728

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:55:20 PM

Quant Time: Nov 13 03:48:46 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	41004	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	179342	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	133625	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	351138	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	414555	20.00	ng	-0.01
86) Perylene-d12	25.08	264	418615	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	40723	17.03	ng	0.00
7) Phenol-d6	7.31	99	35008	10.87	ng	0.00
23) Nitrobenzene-d5	9.30	82	114828	37.94	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	76542	35.41	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	364202	39.16	ng	-0.02
78) Terphenyl-d14	20.09	244	715689	38.12	ng	0.00
Target Compounds						
6) Aniline	7.46	93	25497	6.014	ng	99
10) Phenol	7.33	94	23794	7.112	ng	96
13) 1,4-Dichlorobenzene	8.18	146	13219	4.213	ng	89
14) 1,2-Dichlorobenzene	8.49	146	7252	2.408	ng	94
24) Nitrobenzene	9.35	77	98944	32.004	ng	92
30) 1,2,4-Trichlorobenzene	10.82	180	109963	32.060	ng	98
49) Dimethylphthalate	14.21	163	187614	16.238	ng	98

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

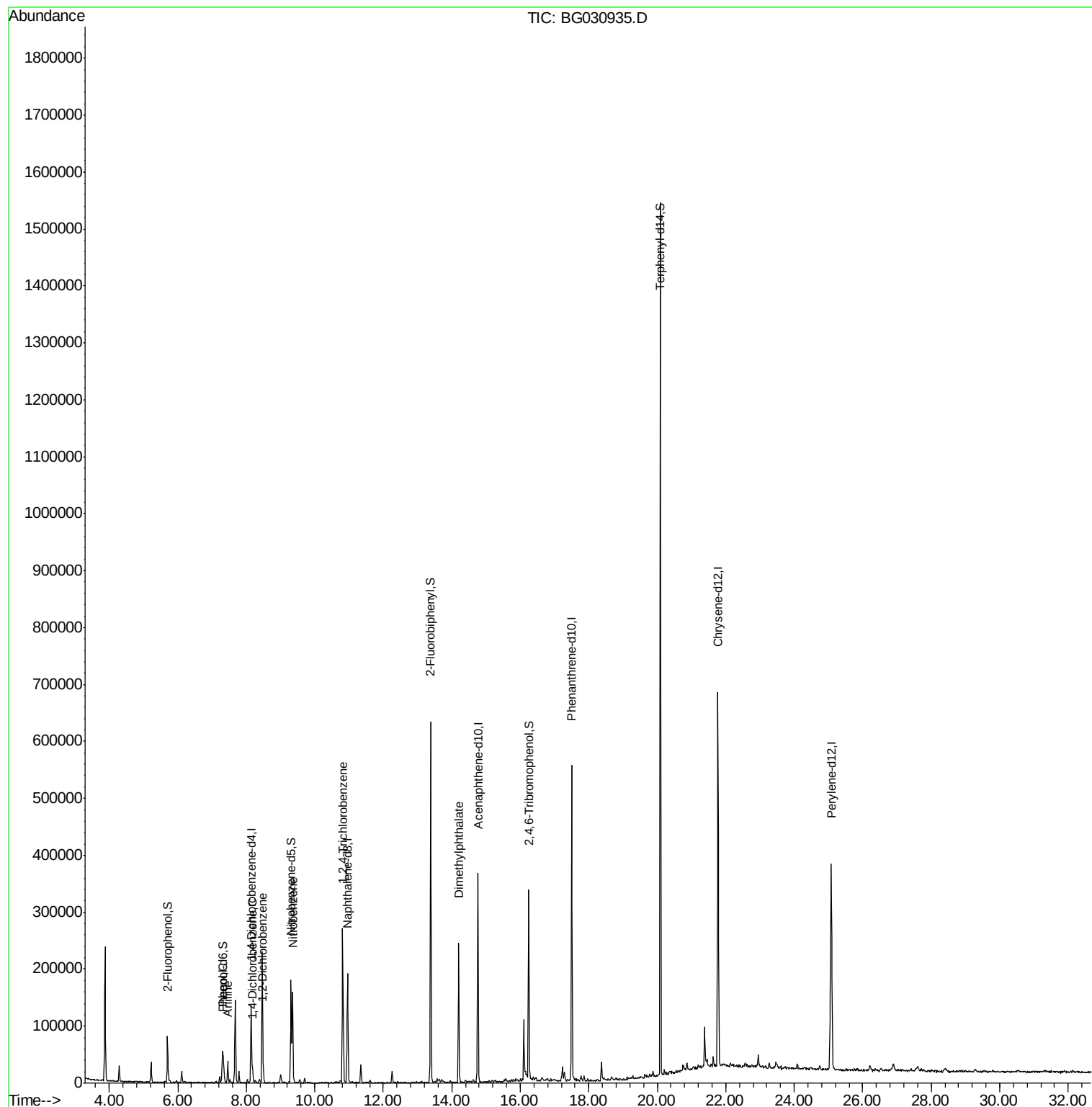
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030935.D
Acq On : 11 Nov 2017 9:37
Operator : SJ/JU
Sample : I6413-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

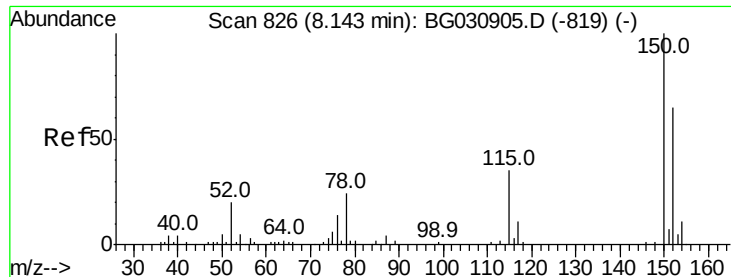
Instrument :
BNA_G
ClientSampleId :
FM728

Manual Integrations
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SOHIL
11/13/2017 4:55:20 PM

Quant Time: Nov 13 03:48:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration





#1

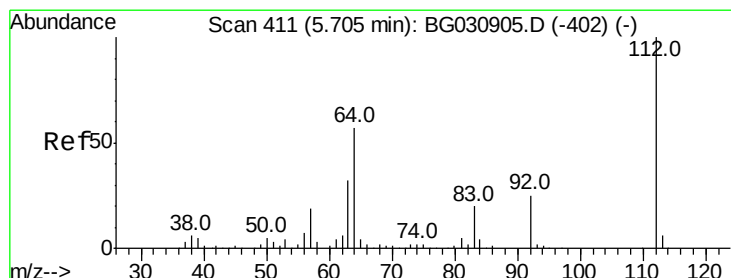
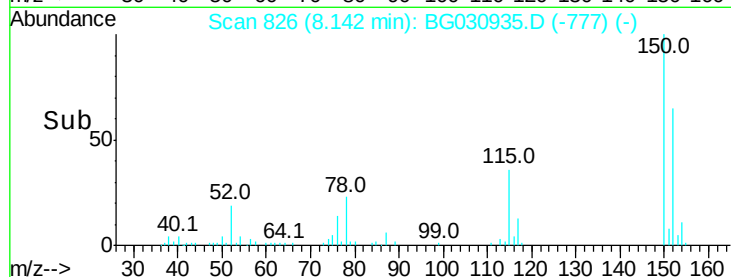
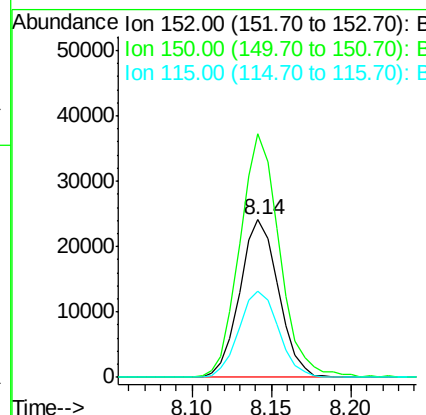
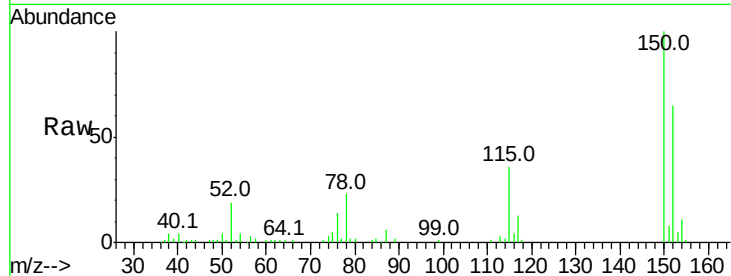
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030935.D
Acq: 11 Nov 2017 9:37

Instrument :
BNA_G
ClientSampled :
FM728

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.6	189.8
115	54.8	53.0	79.4

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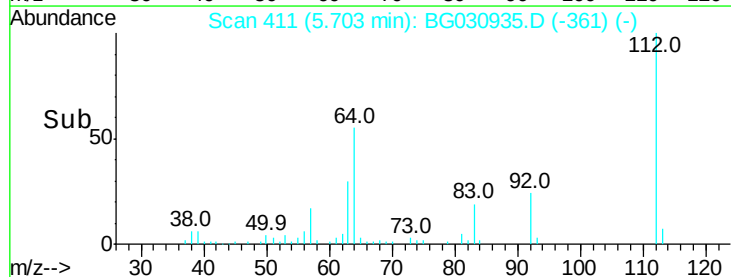
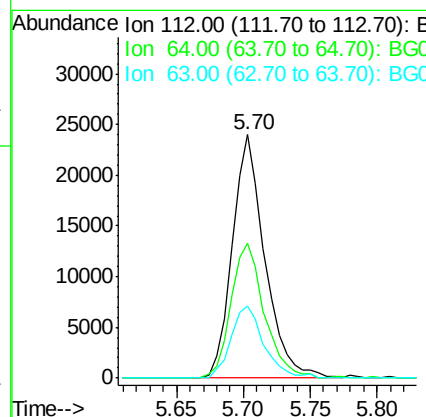
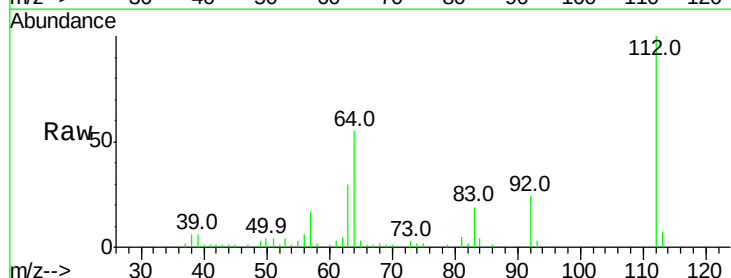
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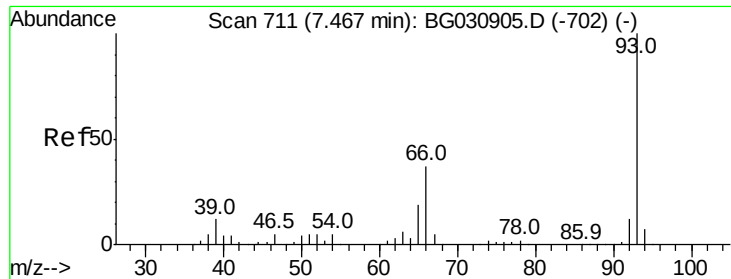


#5

2-Fluorophenol
Concen: 17.030 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030935.D
Acq: 11 Nov 2017 9:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	56.3	84.5#
63	29.7	30.1	45.1#





#6

Aniline

Concen: 6.014 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG030935.D

Acq: 11 Nov 2017 9:37

Instrument :

BNA_G

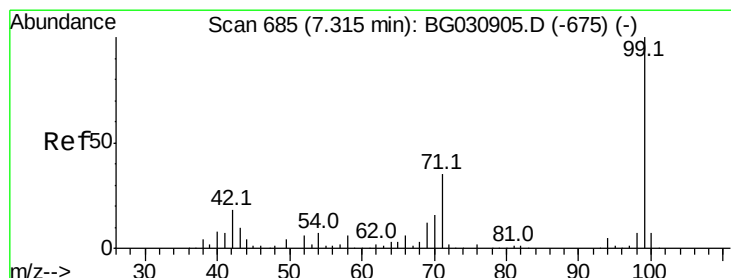
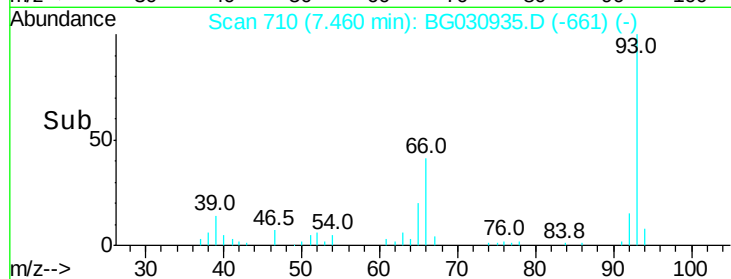
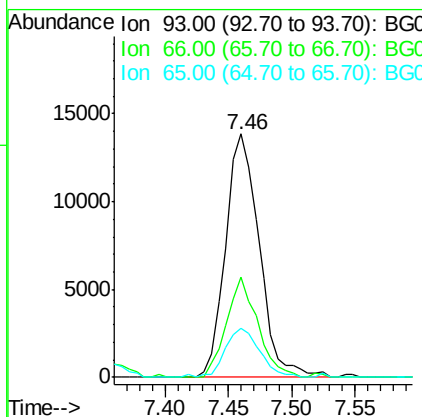
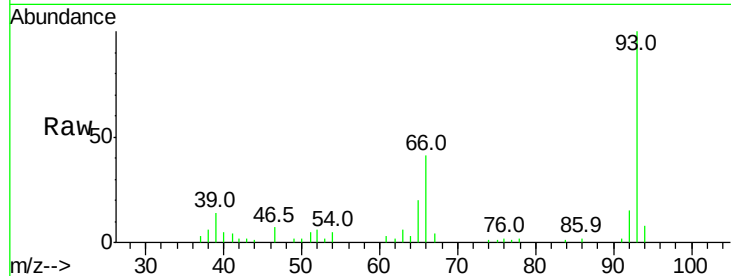
ClientSampleId :

FM728

Tot Ion:	93	Resp:	25497
Ion Ratio	Lower	Upper	
93	100		
66	41.1	33.7	50.5
65	20.1	16.1	24.1

Manual Integrations
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#7

Phenol-d6

Concen: 10.867 ng

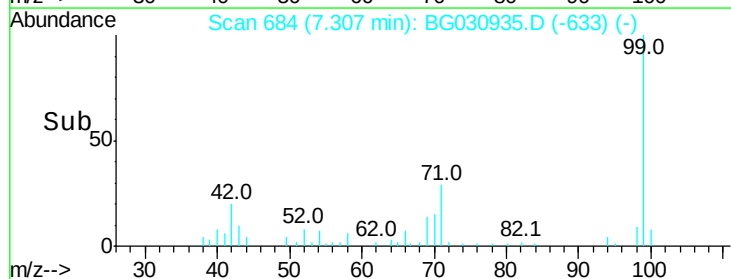
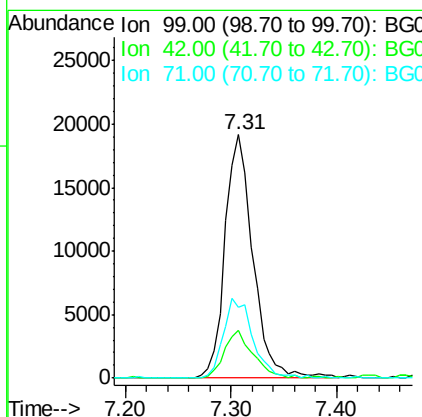
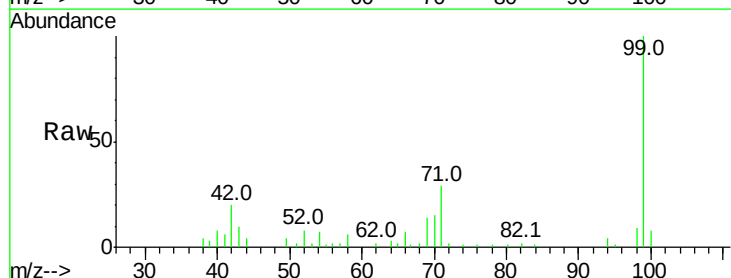
RT: 7.31 min Scan# 684

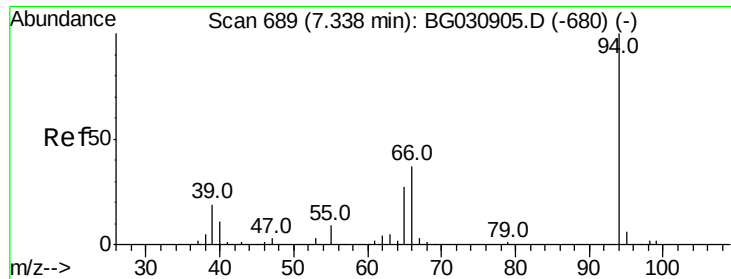
Delta R.T. 0.00 min

Lab File: BG030935.D

Acq: 11 Nov 2017 9:37

Tgt Ion:	99	Resp:	35008
Ion Ratio	Lower	Upper	
99	100		
42	19.7	14.1	21.1
71	29.0	26.1	39.1





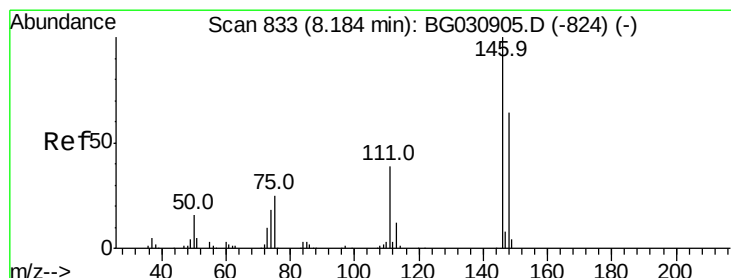
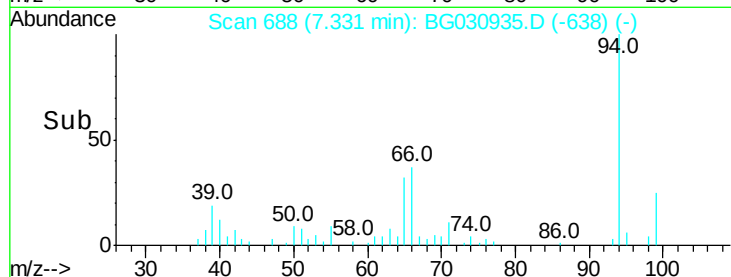
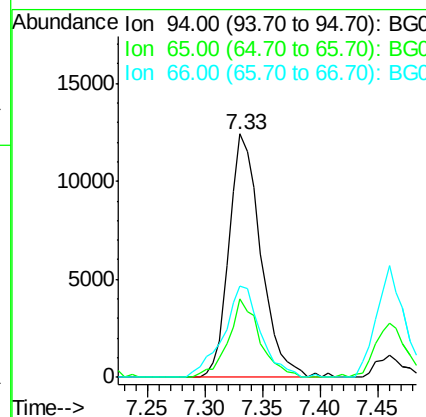
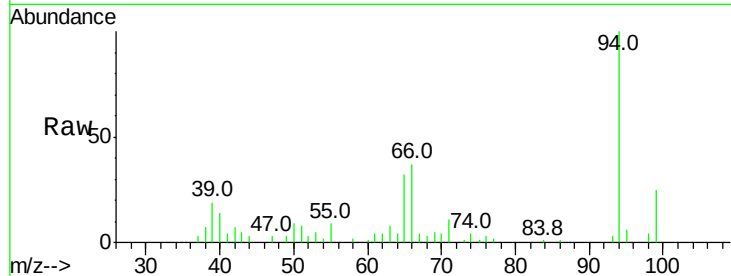
#10
Phenol
Concen: 7.112 ng
RT: 7.33 min Scan# 688
Delta R.T. -0.01 min
Lab File: BG030935.D
Acq: 11 Nov 2017 9:37

Instrument :
BNA_G
ClientSampleId :
FM728

Tot Ion	Ratio	Lower	Upper
94	100		
65	32.2	11.9	51.9
66	37.5	22.2	62.2

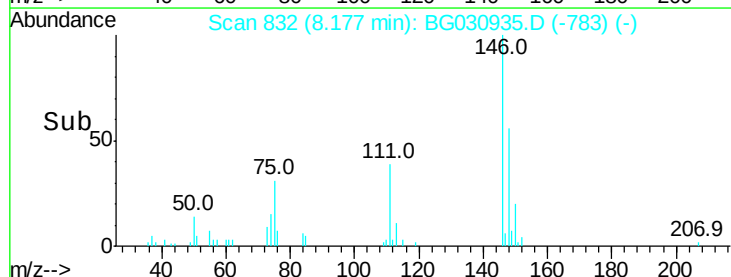
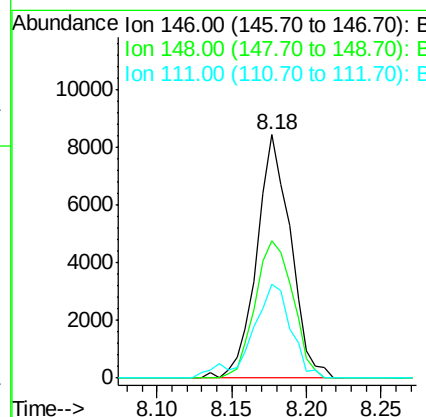
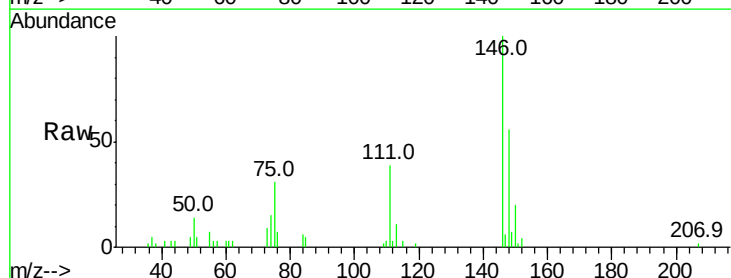
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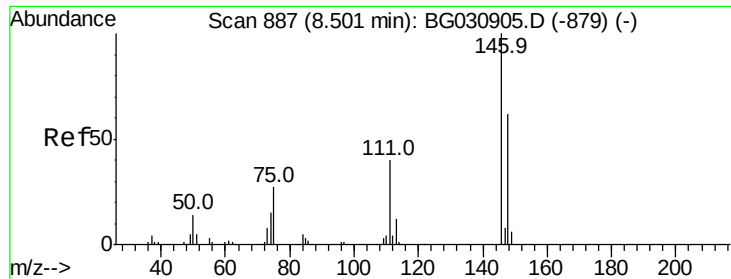
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#13
1,4-Dichlorobenzene
Concen: 4.213 ng
RT: 8.18 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG030935.D
Acq: 11 Nov 2017 9:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	56.5	53.7	80.5
111	38.6	35.2	52.8





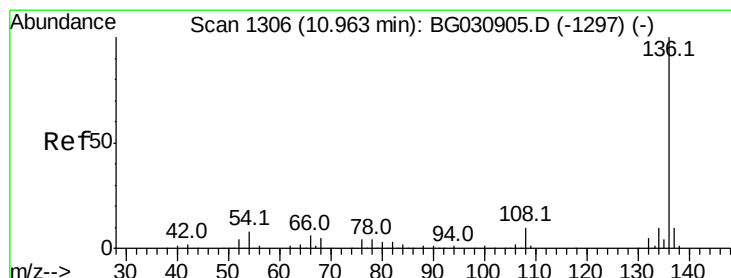
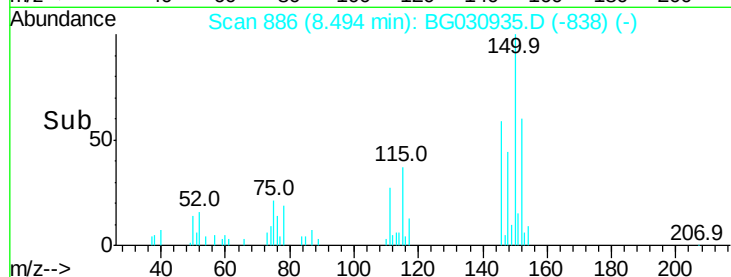
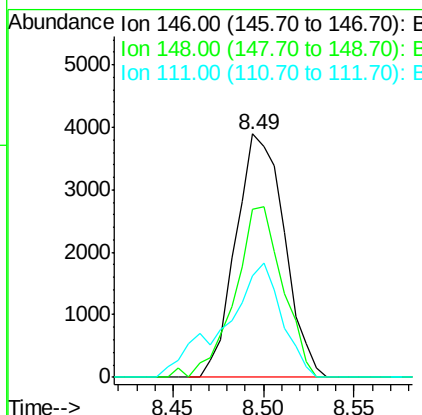
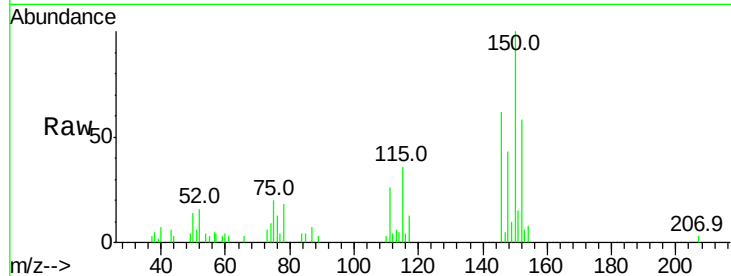
#14
1,2-Dichlorobenzene
Concen: 2.408 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.02 min
Lab File: BG030935.D
Acq: 11 Nov 2017 9:37

Instrument :
BNA_G
ClientSampled :
FM728

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.8	49.3	73.9
111	41.8	34.3	51.5

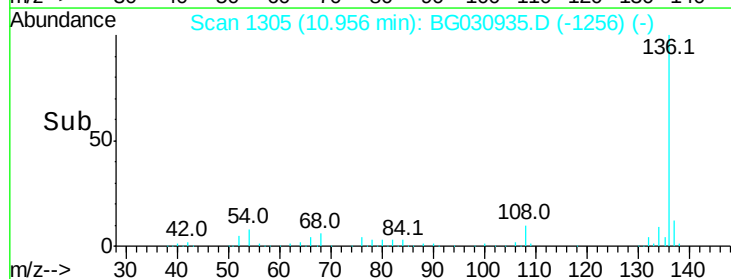
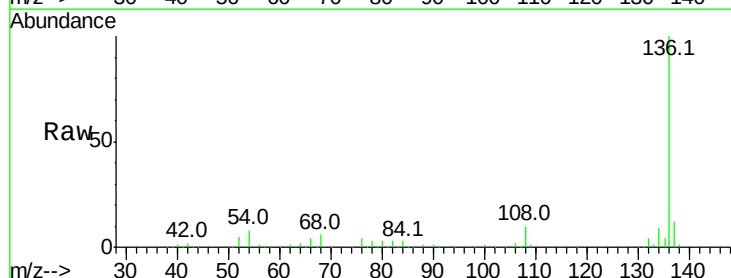
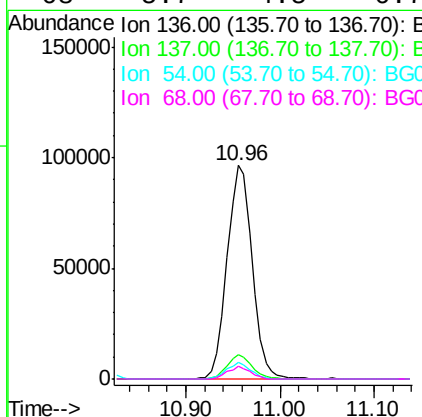
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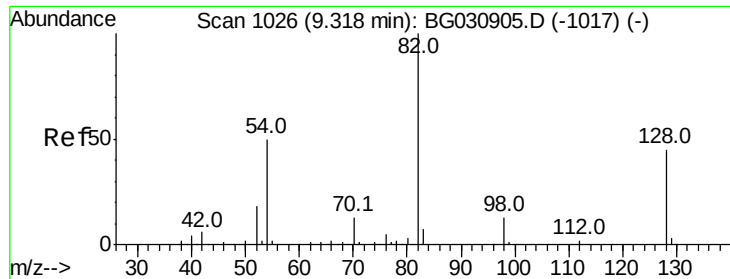
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG030935.D
Acq: 11 Nov 2017 9:37

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	8.0	10.3	15.5#
68	5.7	4.5	6.7





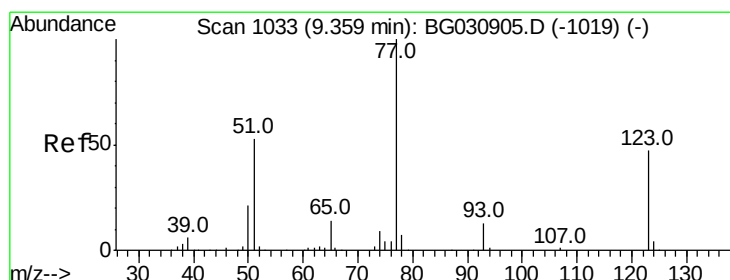
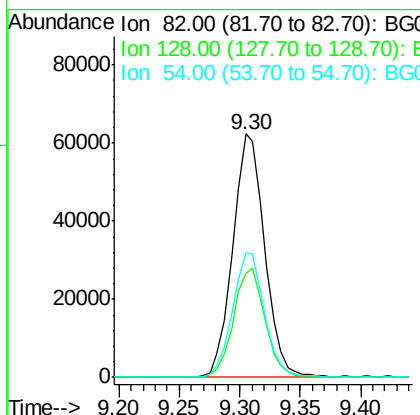
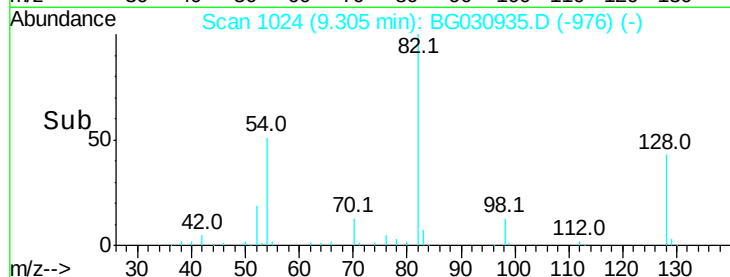
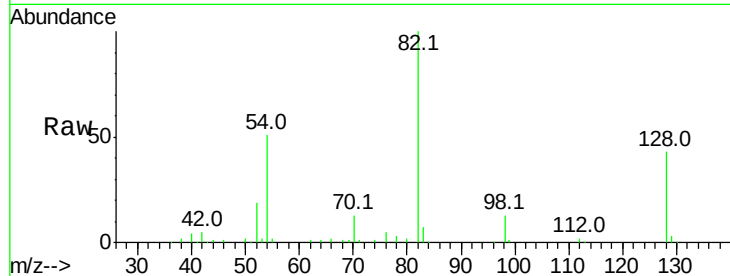
#23
Nitrobenzene-d5
Concen: 37.940 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG030935.D
Acq: 11 Nov 2017 9:37

Instrument :
BNA_G
ClientSampled :
FM728

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.5	29.7	44.5	
54	51.1	43.1	64.7	

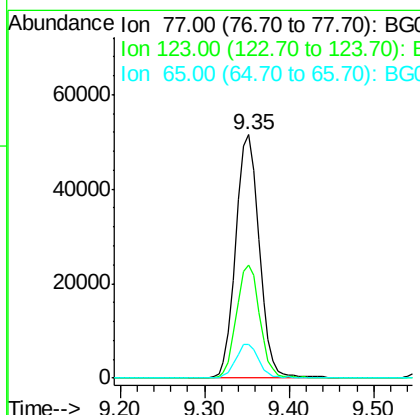
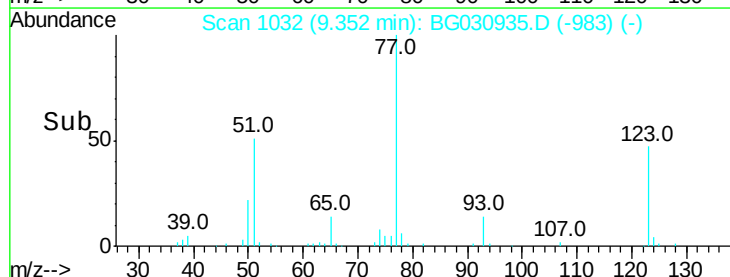
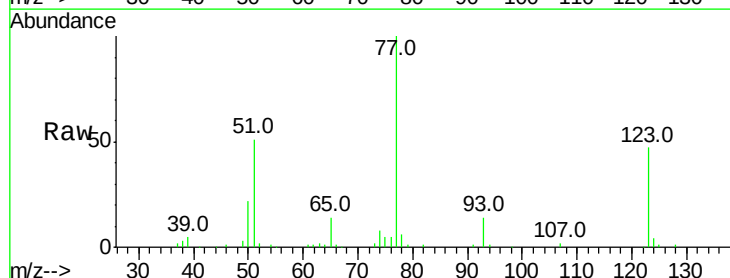
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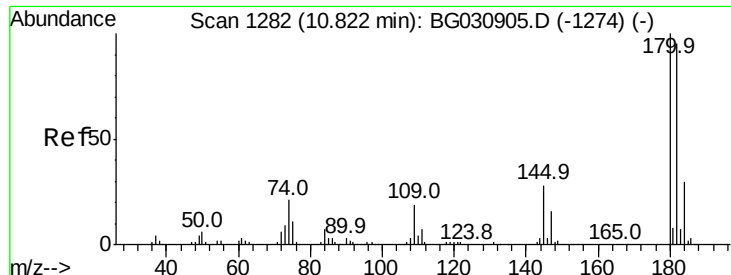
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#24
Nitrobenzene
Concen: 32.004 ng
RT: 9.35 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG030935.D
Acq: 11 Nov 2017 9:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.5	33.0	49.6	
65	13.9	13.0	19.6	





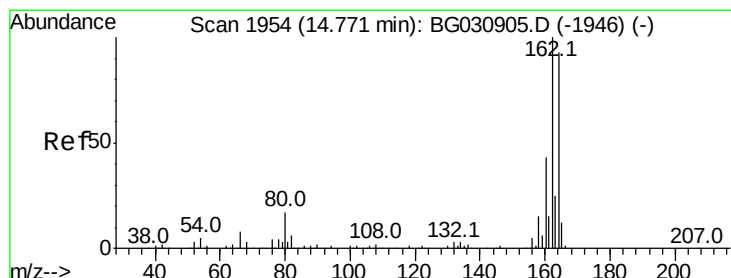
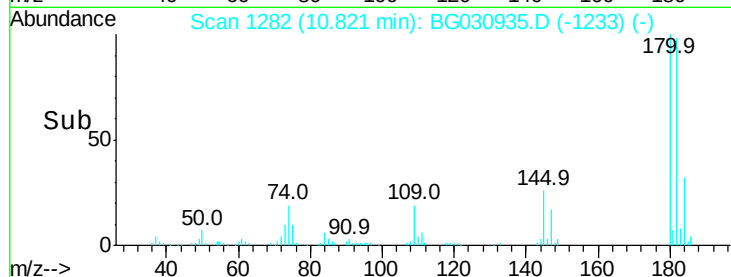
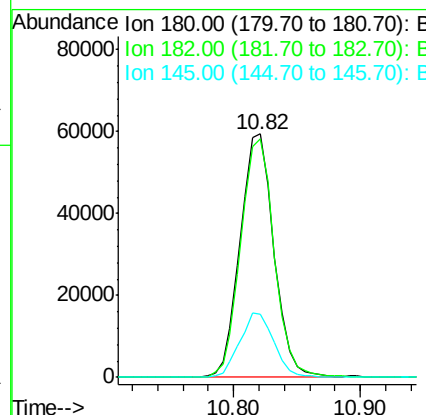
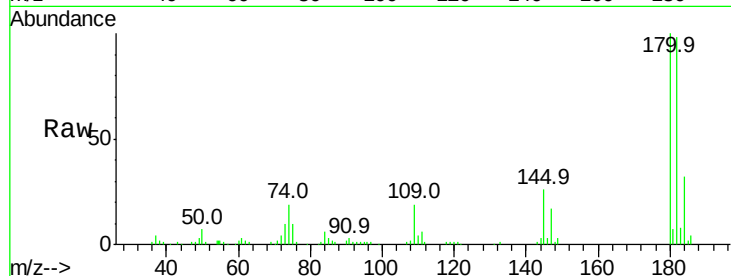
#30
 1,2,4-Trichlorobenzene
 Concen: 32.060 ng
 RT: 10.82 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG030935.D
 Acq: 11 Nov 2017 9:37

Instrument :
 BNA_G
 ClientSampleId :
 FM728

Tot Ion	Ratio	Resp	Lower	Upper
180	100	109963		
182	97.9		77.5	116.3
145	26.0		23.4	35.2

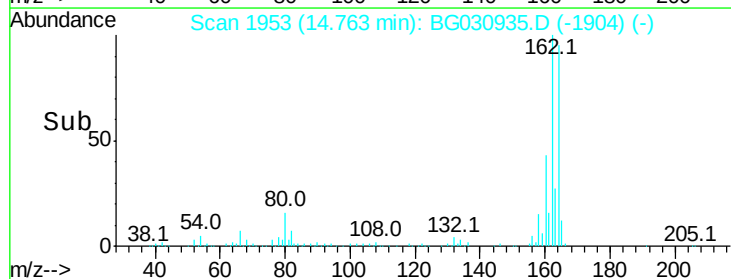
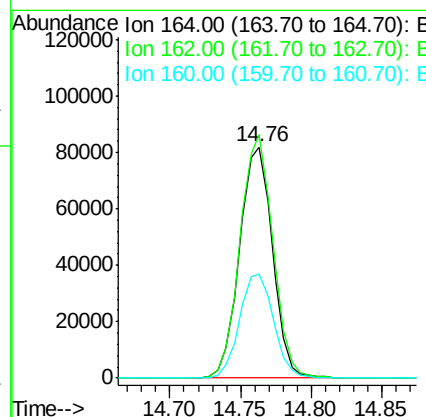
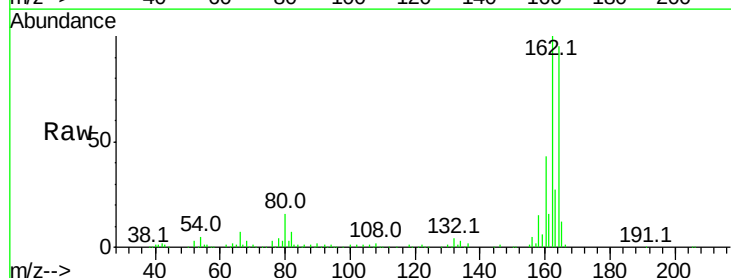
Manual Integrations
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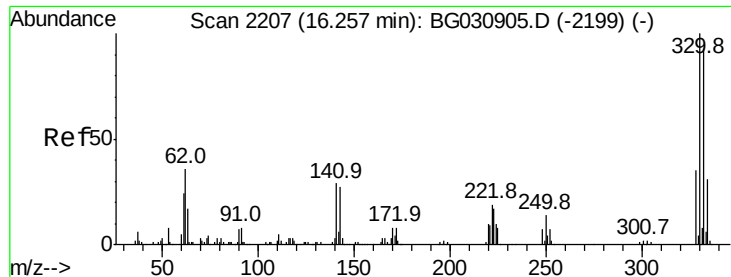
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG030935.D
 Acq: 11 Nov 2017 9:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	133625		
162	105.3		78.8	118.2
160	45.1		35.4	53.0





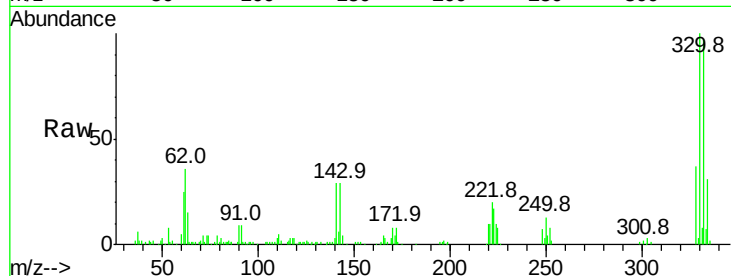
#41
 2,4,6-Tribromophenol
 Concen: 35.410 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030935.D
 Acq: 11 Nov 2017 9:37

Instrument :
 BNA_G
 ClientSampleId :
 FM728

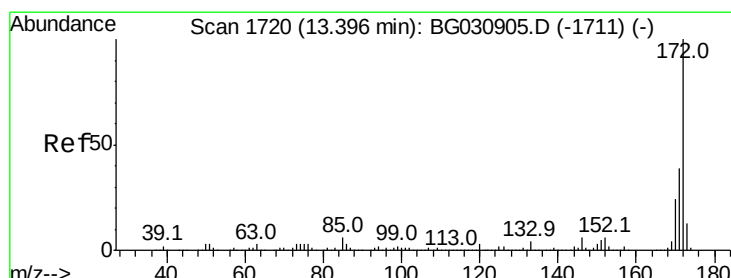
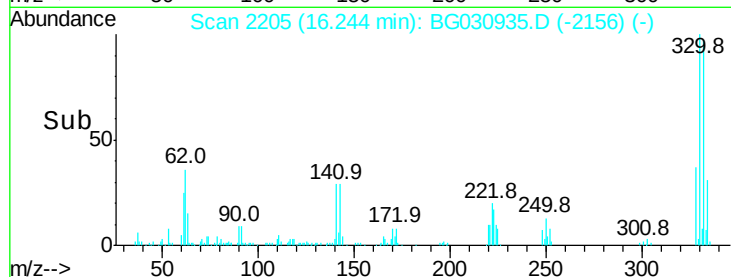
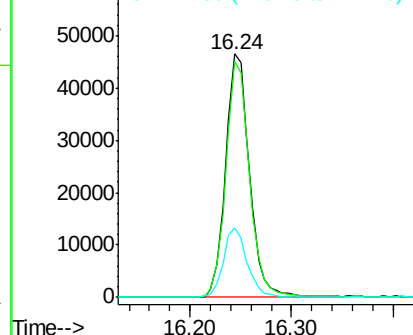
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	77.0	115.6	
141	28.1	25.2	37.8	

Manual Integrations
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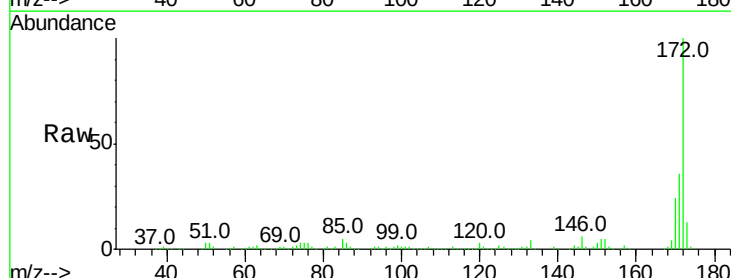


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

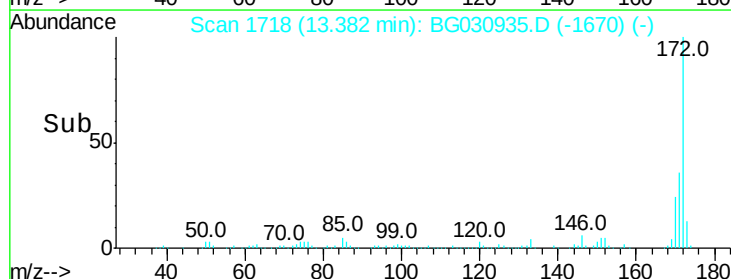
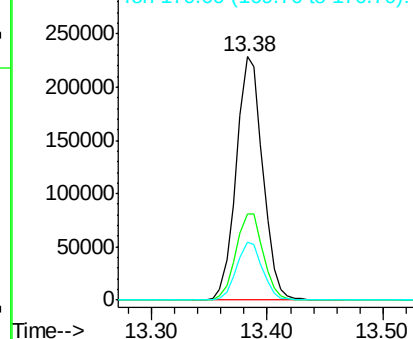


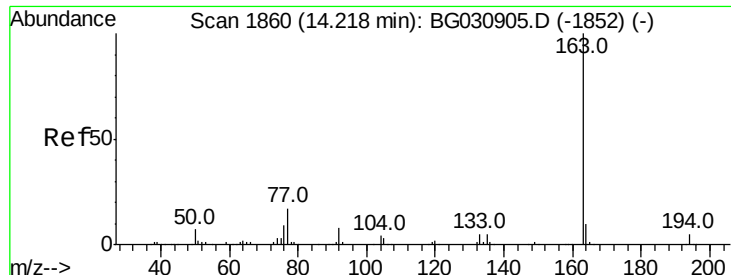
#44
 2-Fluorobiphenyl
 Concen: 39.163 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030935.D
 Acq: 11 Nov 2017 9:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.6	30.0	45.0	
170	23.6	19.5	29.3	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 16.238 ng

RT: 14.21 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG030935.D

Acq: 11 Nov 2017 9:37

Instrument :

BNA_G

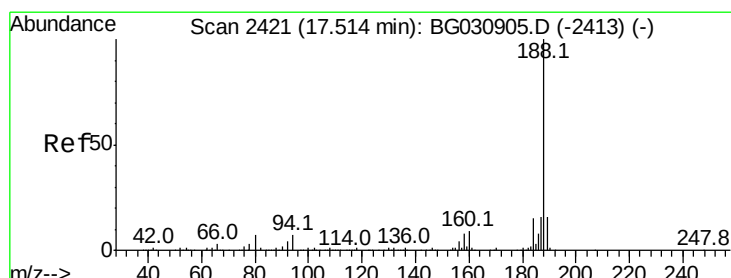
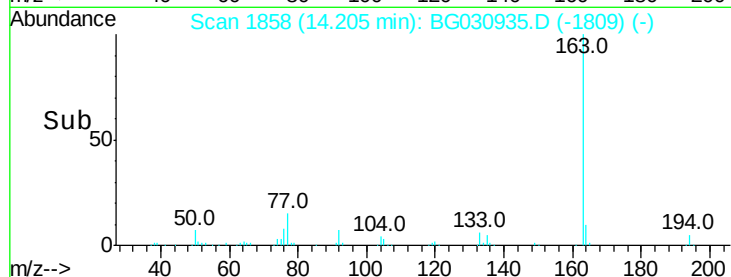
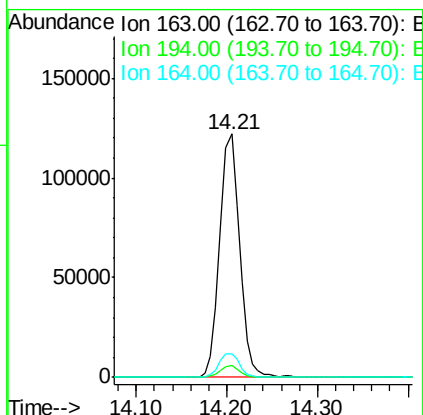
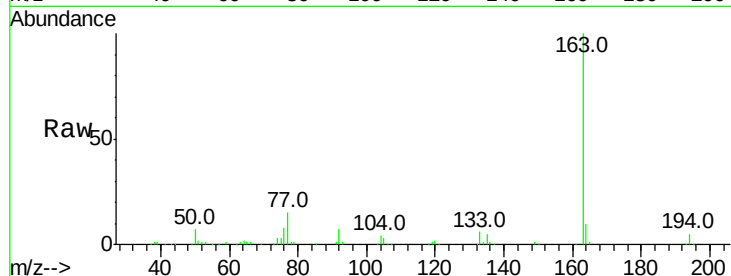
ClientSampled :

FM728

Tot Ion:	163	Resp:	187614
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.4	5.2
164	9.5	8.2	12.4

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

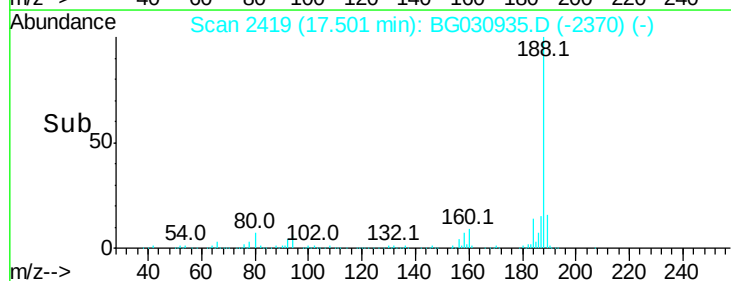
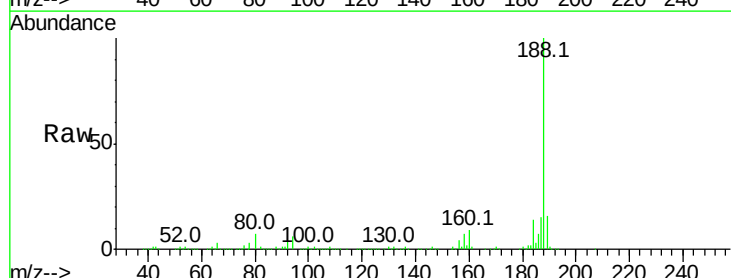
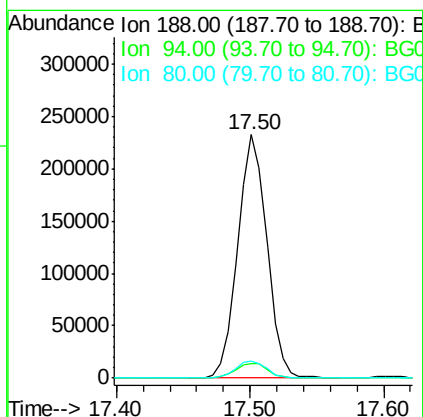
RT: 17.50 min Scan# 2419

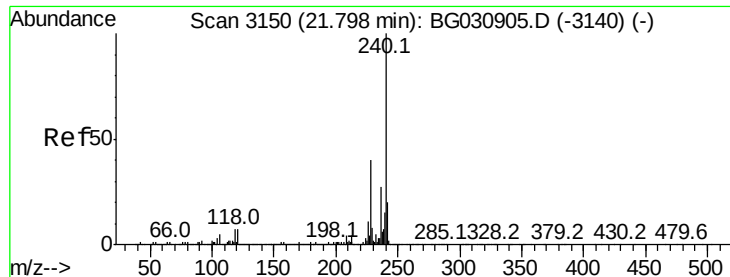
Delta R.T. -0.01 min

Lab File: BG030935.D

Acq: 11 Nov 2017 9:37

Tgt Ion:	188	Resp:	351138
Ion Ratio	Lower	Upper	
188	100		
94	6.1	6.9	10.3#
80	7.0	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030935.D

Acq: 11 Nov 2017 9:37

Instrument :

BNA_G

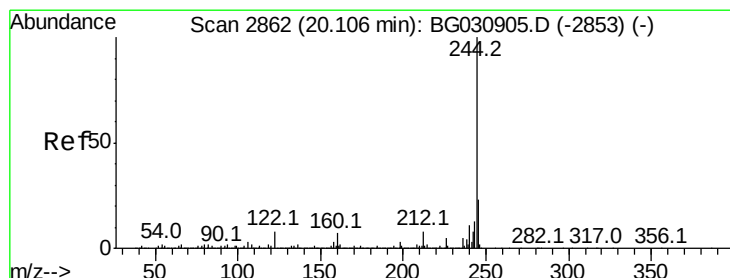
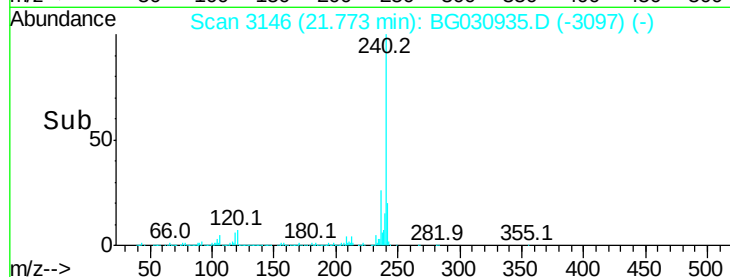
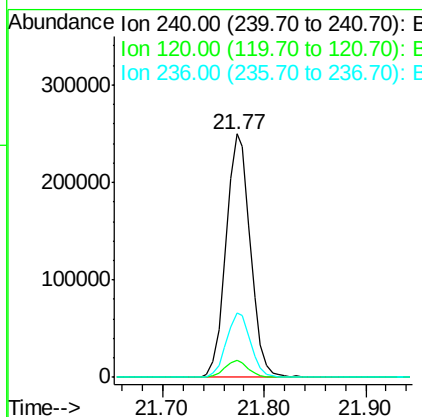
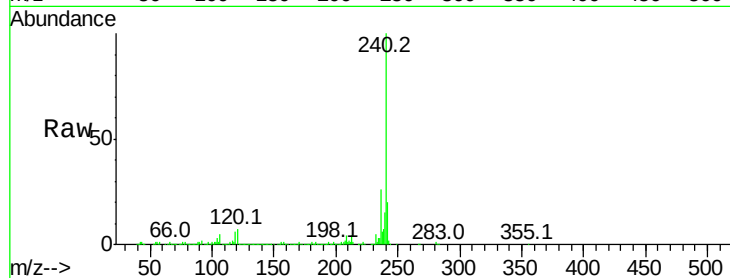
ClientSampleId :

FM728

Tot Ion:	240	Resp:	414555
Ion Ratio	Lower	Upper	
240	100		
120	7.0	6.8	10.2
236	26.4	20.9	31.3

Manual Integrations
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#78

Terphenyl-d14

Concen: 38.120 ng

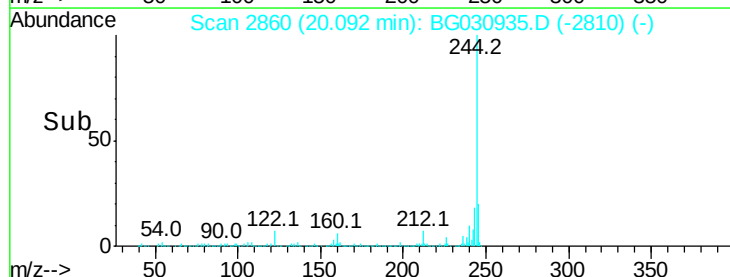
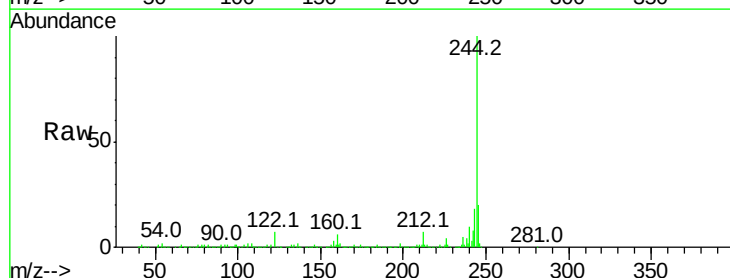
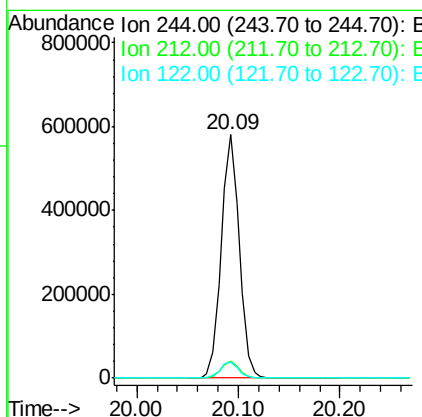
RT: 20.09 min Scan# 2860

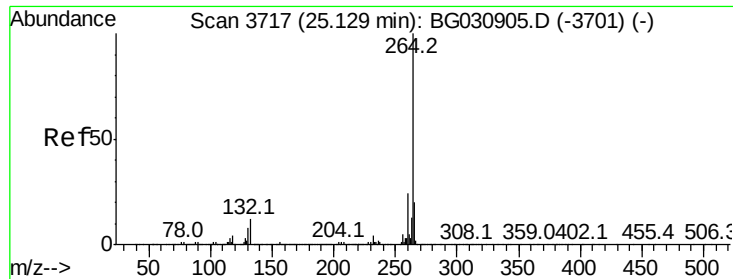
Delta R.T. -0.01 min

Lab File: BG030935.D

Acq: 11 Nov 2017 9:37

Tgt Ion:	244	Resp:	715689
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.8	8.8
122	6.5	7.0	10.4#





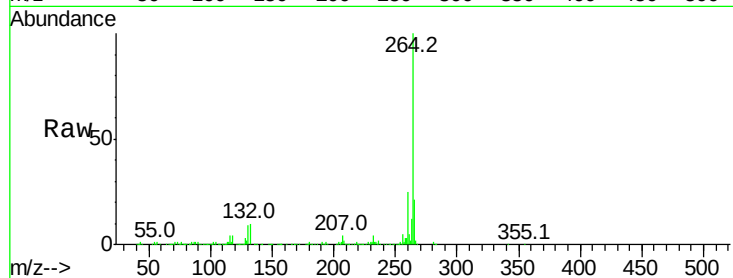
#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.01 min
Lab File: BG030935.D
Acq: 11 Nov 2017 9:37

Instrument :
BNA_G
ClientSampleId :
FM728

Tot Ion:	264	Resp:	418615
Ion Ratio		Lower	Upper
264	100		
260	24.7	17.4	26.0
265	21.4	17.7	26.5

Manual Integrations
APPROVED

SOHIL
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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

