

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112917\
 Data File : BG031273.D
 Acq On : 29 Nov 2017 16:37
 Operator : SJ/JU
 Sample : PB104594TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104594TB

Manual Integrations
 APPROVED

Sohil
 11/30/2017 9:16:44 AM

Quant Time: Nov 30 03:48:08 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	8.13	152	41303	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	182430m	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	125820	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	391226	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	508462	20.00	ng	-0.02
86) Perylene-d12	25.06	264	492792	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	318728	132.32	ng	-0.02
7) Phenol-d6	7.30	99	408318	125.83	ng	-0.01
23) Nitrobenzene-d5	9.30	82	226902	73.70	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	228161	112.10	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	712732	81.40	ng	-0.02
78) Terphenyl-d14	20.08	244	1751921	76.08	ng	-0.02

Target Compounds Qvalue

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

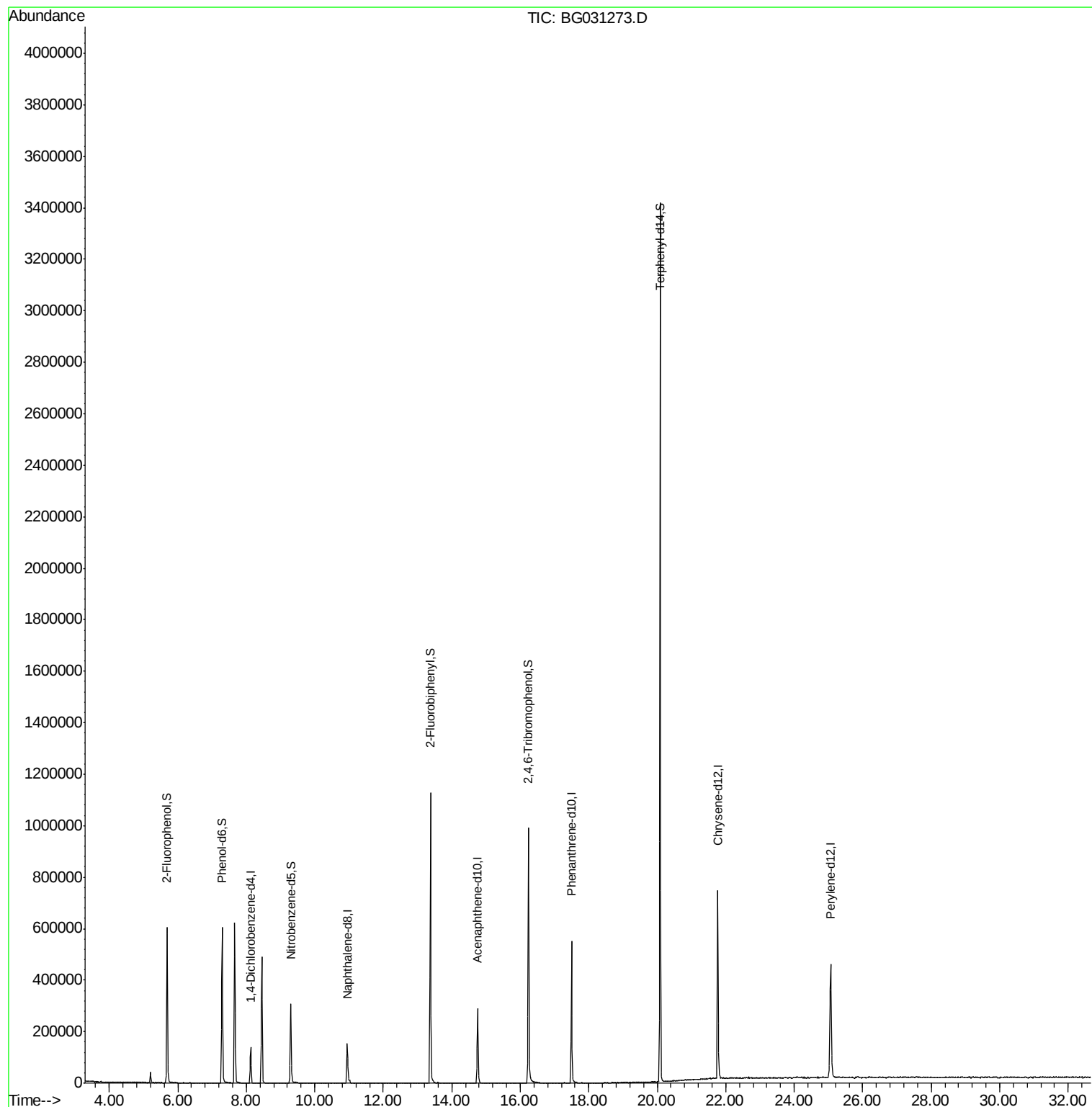
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112917\
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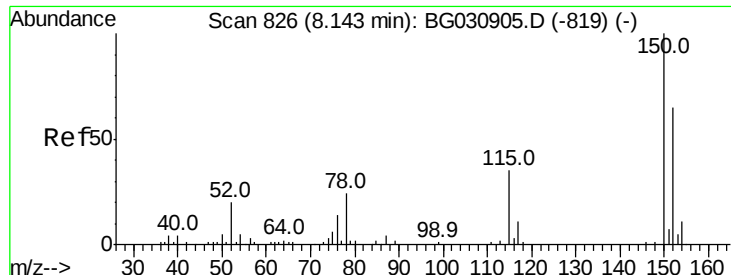
Instrument :
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#1

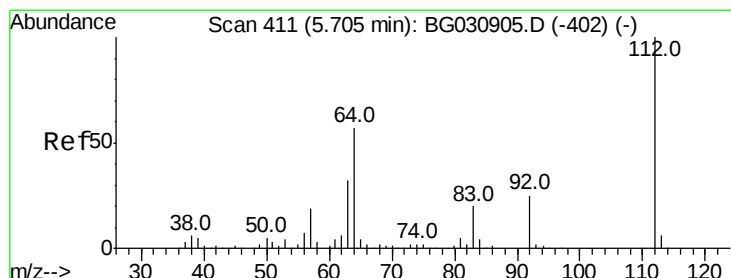
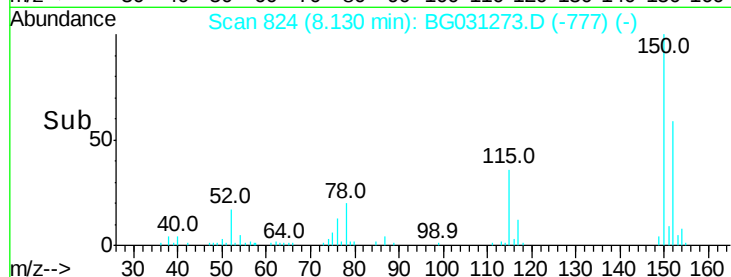
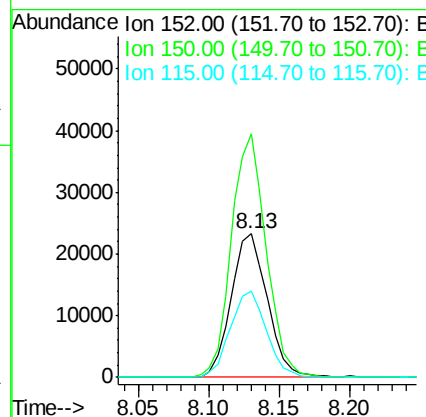
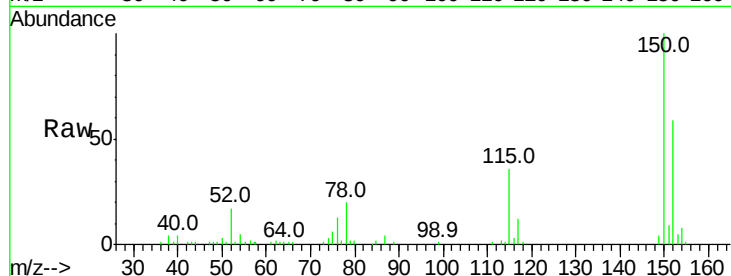
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031273.D
Acq: 29 Nov 2017 16:37

Instrument :
BNA_G
ClientSampleId :
PB104594TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	169.6	126.6	189.8
115	60.4	53.0	79.4

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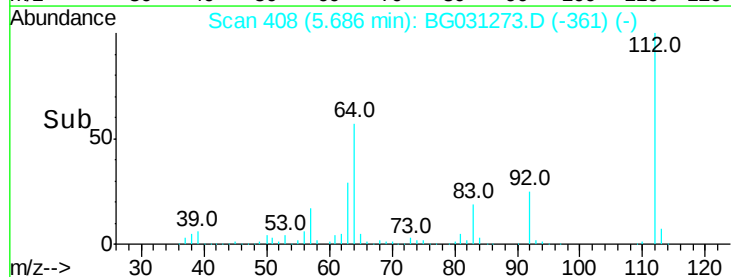
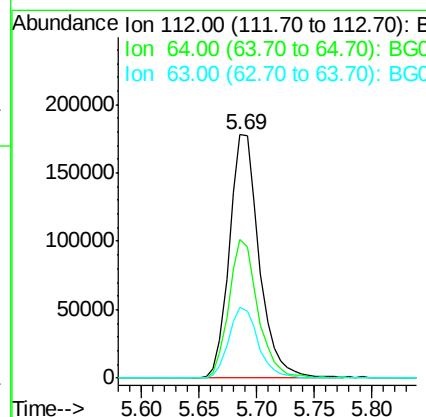
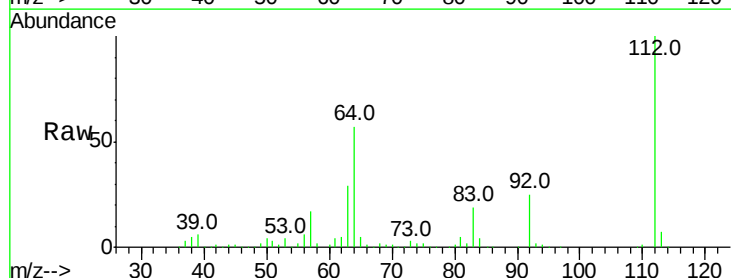
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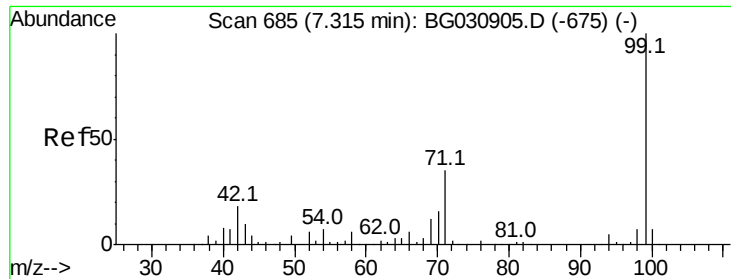


#5

2-Fluorophenol
Concen: 132.325 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031273.D
Acq: 29 Nov 2017 16:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	56.3	84.5
63	29.2	30.1	45.1





#7

Phenol-d6

Concen: 125.829 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031273.D

Acq: 29 Nov 2017 16:37

Instrument :

BNA_G

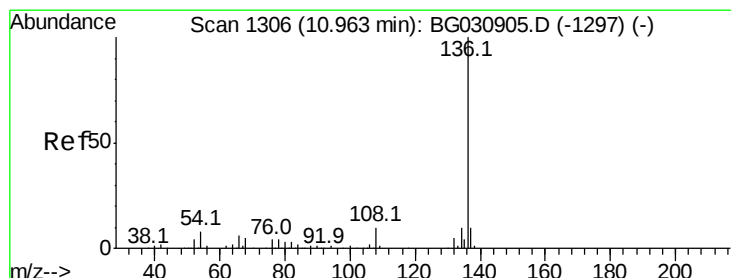
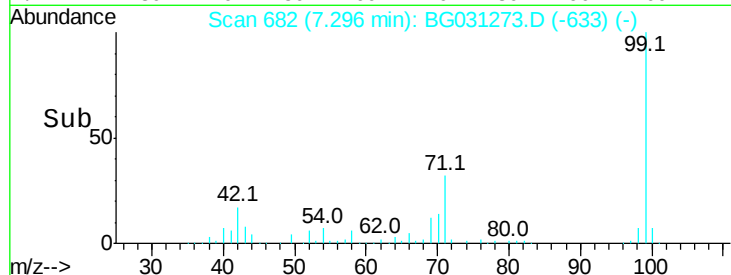
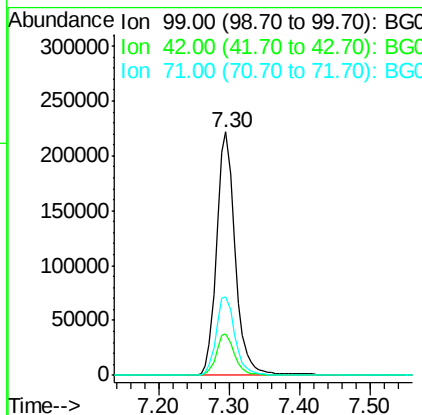
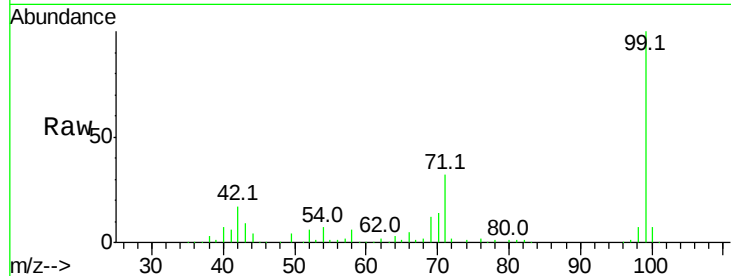
ClientSampleId :

PB104594TB

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		408318		
42	17.1	14.1	21.1		
71	32.5	26.1	39.1		

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#21

Naphthalene-d8

Concen: 20.000 ng m

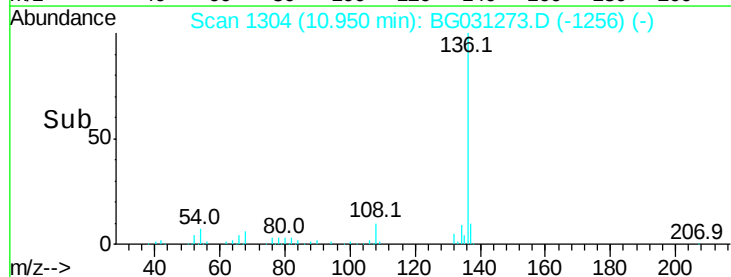
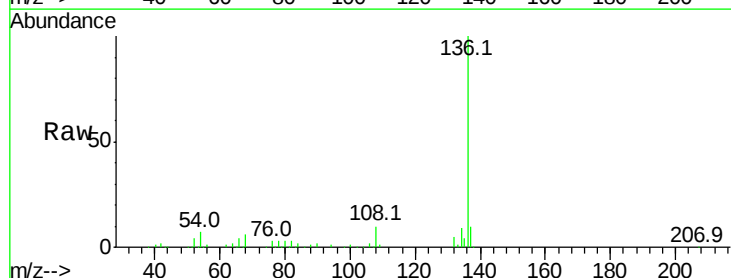
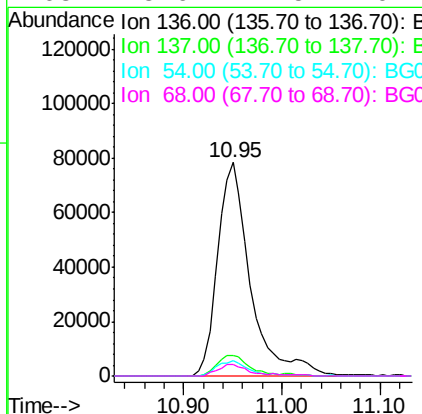
RT: 10.95 min Scan# 1304

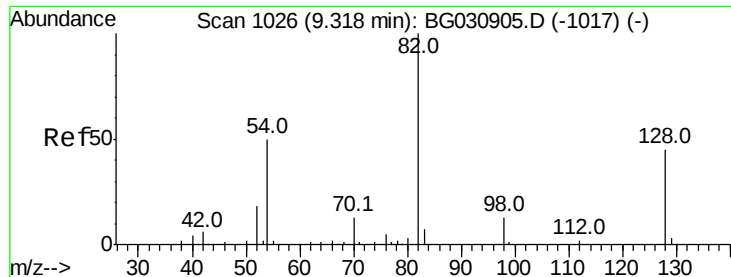
Delta R.T. -0.02 min

Lab File: BG031273.D

Acq: 29 Nov 2017 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		182430		
137	9.9	9.2	13.8		
54	7.4	10.3	15.5		
68	5.6	4.5	6.7		





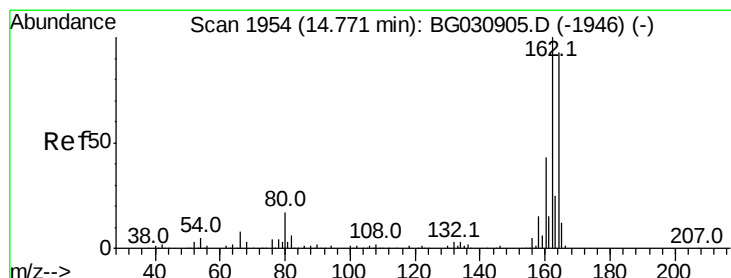
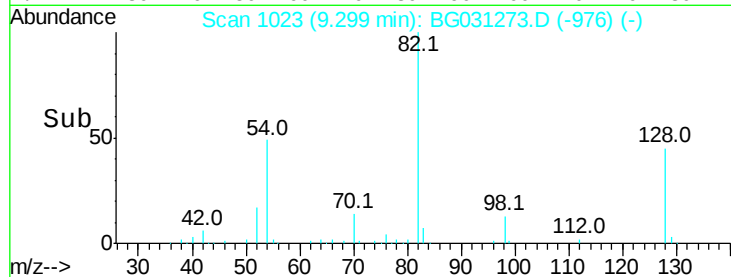
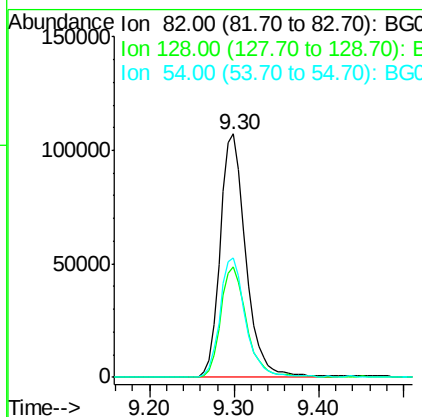
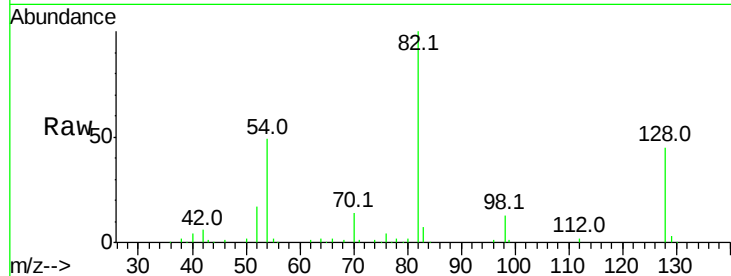
#23
 Nitrobenzene-d5
 Concen: 73.701 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031273.D
 Acq: 29 Nov 2017 16:37

Instrument :
 BNA_G
 ClientSampleID :
 PB104594TB

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.3	29.7	44.5#	
54	49.3	43.1	64.7	

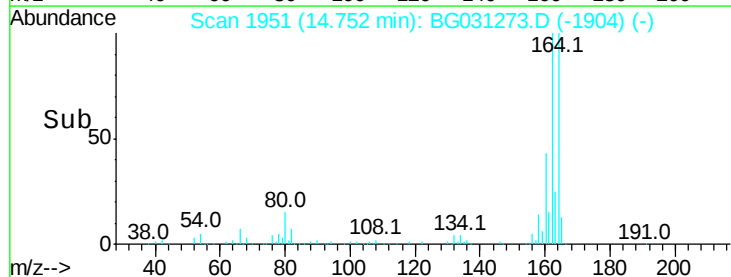
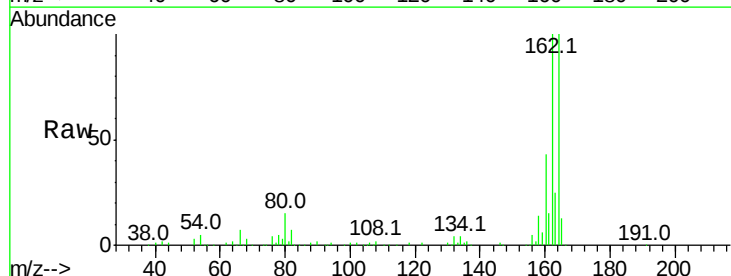
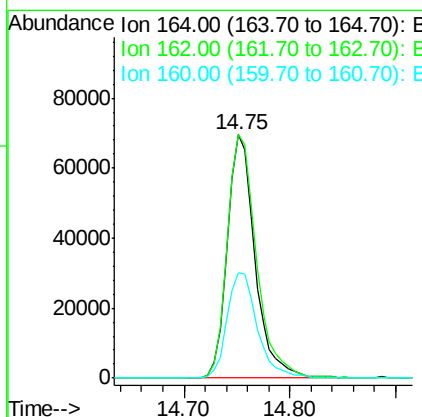
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031273.D
 Acq: 29 Nov 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.8	78.8	118.2	
160	43.2	35.4	53.0	





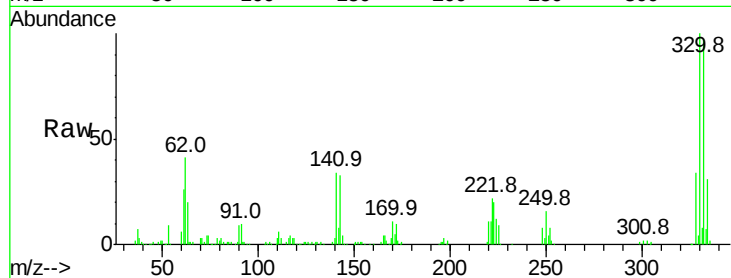
#41
 2,4,6-Tribromophenol
 Concen: 112.099 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031273.D
 Acq: 29 Nov 2017 16:37

Instrument :
 BNA_G
 ClientSampleId :
 PB104594TB

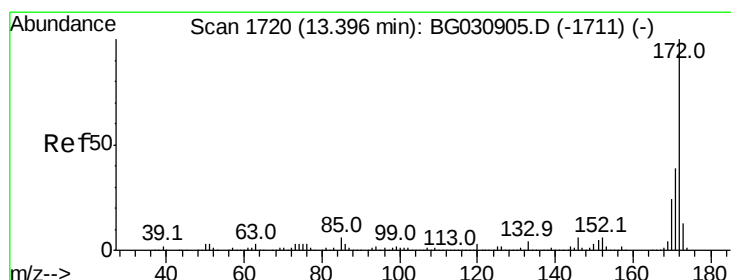
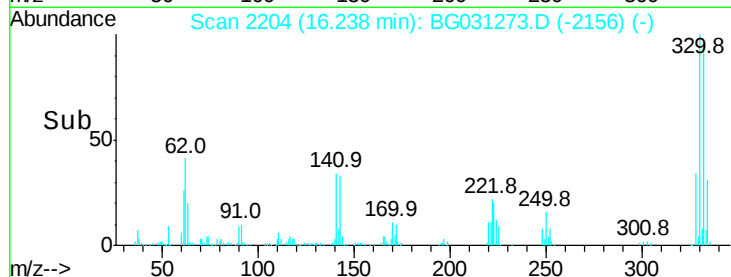
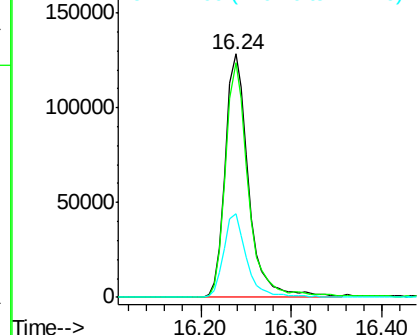
Tot Ion	Ratio	Resp	Lower	Upper
330	100	228161		
332	95.0	77.0	115.6	
141	33.7	25.2	37.8	

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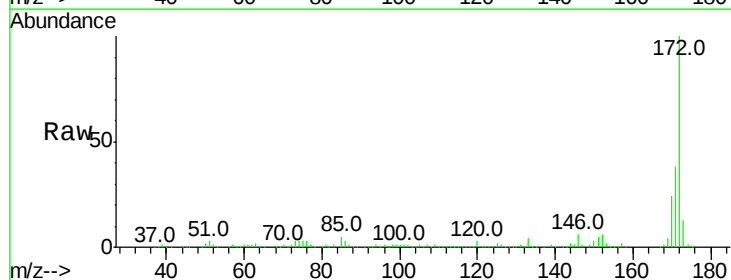


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

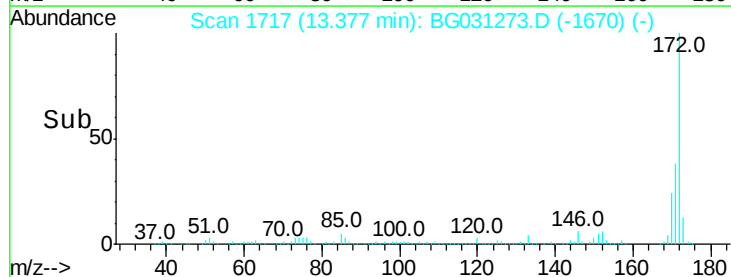
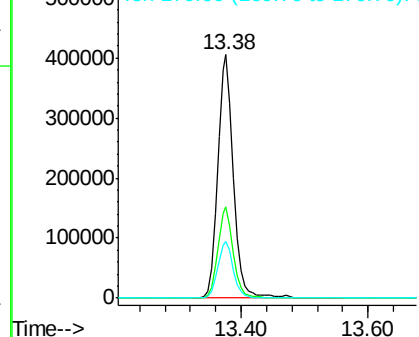


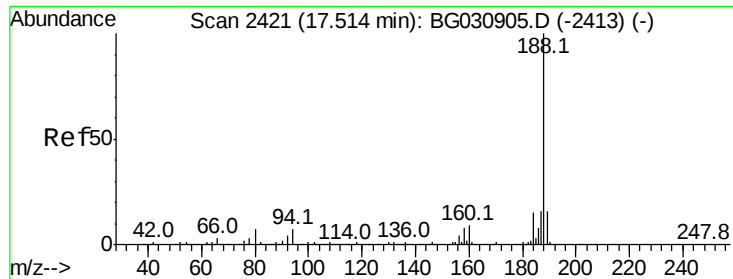
#44
 2-Fluorobiphenyl
 Concen: 81.395 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031273.D
 Acq: 29 Nov 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	712732		
171	37.6	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





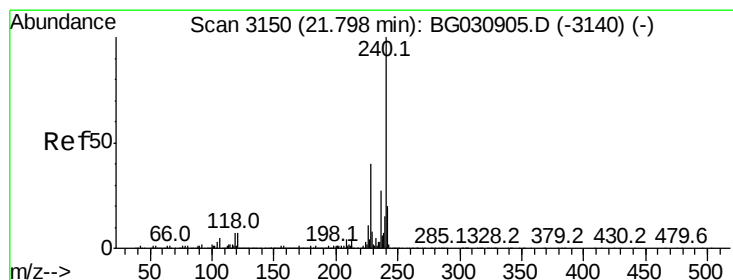
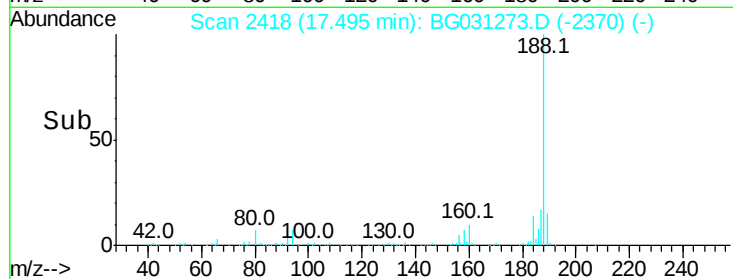
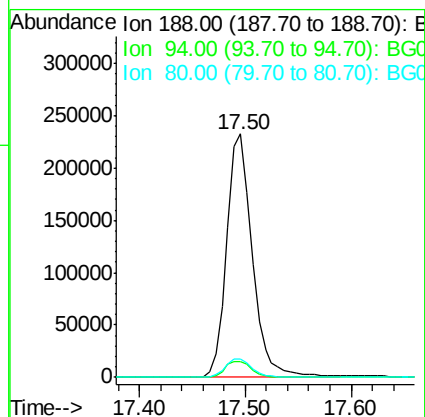
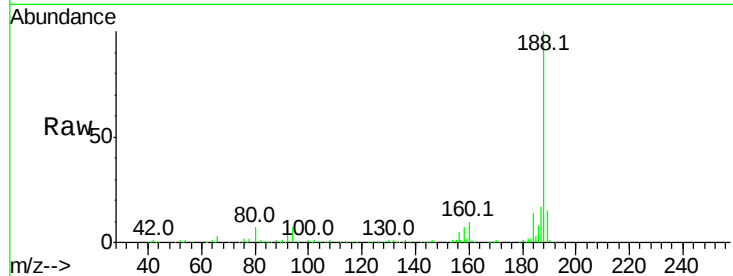
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031273.D
Acq: 29 Nov 2017 16:37

Instrument :
BNA_G
ClientSampleId :
PB104594TB

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	7.4	7.7	11.5#

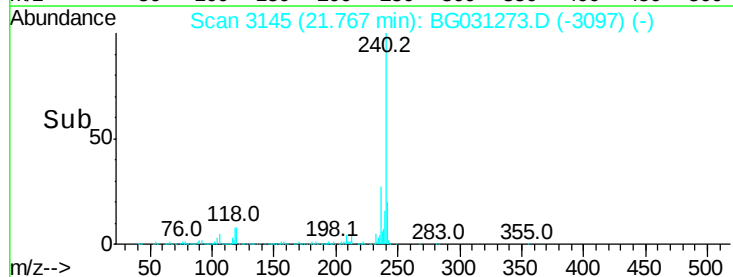
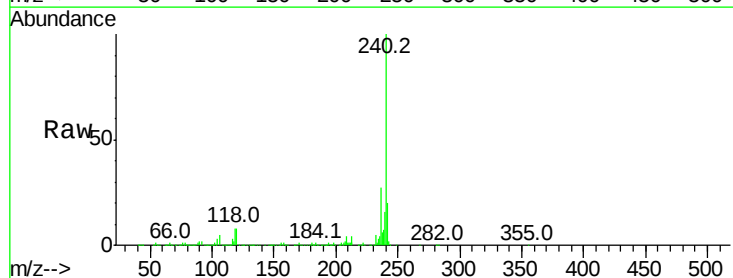
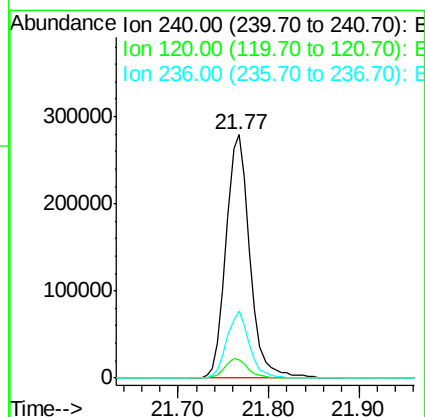
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031273.D
Acq: 29 Nov 2017 16:37

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.7	6.8	10.2
236	27.3	20.9	31.3





#78
 Terphenyl-d14
 Concen: 76.080 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.02 min
 Lab File: BG031273.D
 Acq: 29 Nov 2017 16:37

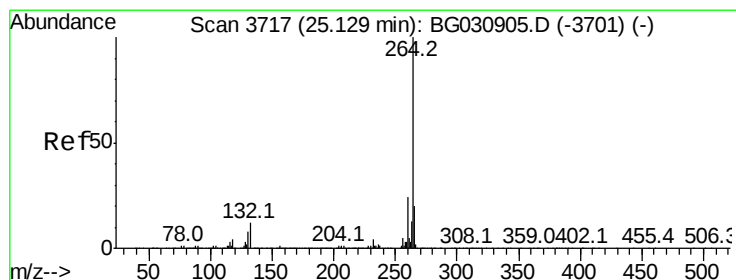
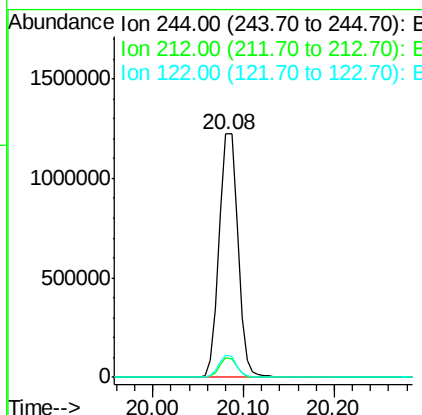
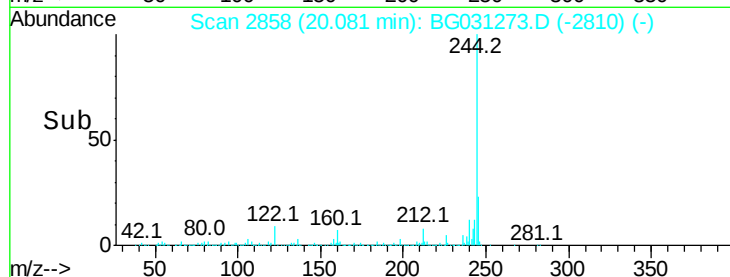
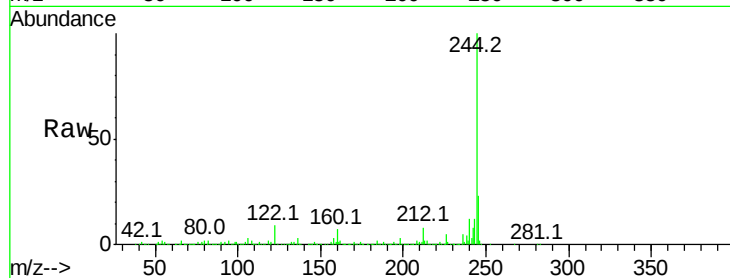
Instrument :
 BNA_G
 ClientSampleId :
 PB104594TB

Tot Ion:244 Resp: 1751921

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	9.3	7.0	10.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3706
 Delta R.T. -0.03 min
 Lab File: BG031273.D
 Acq: 29 Nov 2017 16:37

Tgt Ion:264 Resp: 492792

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	22.3	17.7	26.5

