

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034072.D
 Acq On : 28 Apr 2018 13:22
 Operator : SJ/JU
 Sample : PB108635BL
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108635BL

Manual Integrations
 APPROVED

Sohil
 4/30/2018 7:03:54 PM

Quant Time: Apr 30 05:28:52 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	46225m	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	172458	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	159107	20.00	ng	-0.09
63) Phenanthrene-d10	17.15	188	493783	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	525287	20.00	ng	-0.10
86) Perylene-d12	24.39	264	522558	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	309275	106.82	ng	-0.08
7) Phenol-d6	6.95	99	362640	85.87	ng	-0.06
23) Nitrobenzene-d5	8.92	82	214387	70.75	ng	-0.07
41) 2,4,6-Tribromophenol	15.89	330	288768	155.57	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	913389	84.33	ng	-0.09
78) Terphenyl-d14	19.78	244	2083274	89.10	ng	-0.09

Target Compounds Qvalue

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

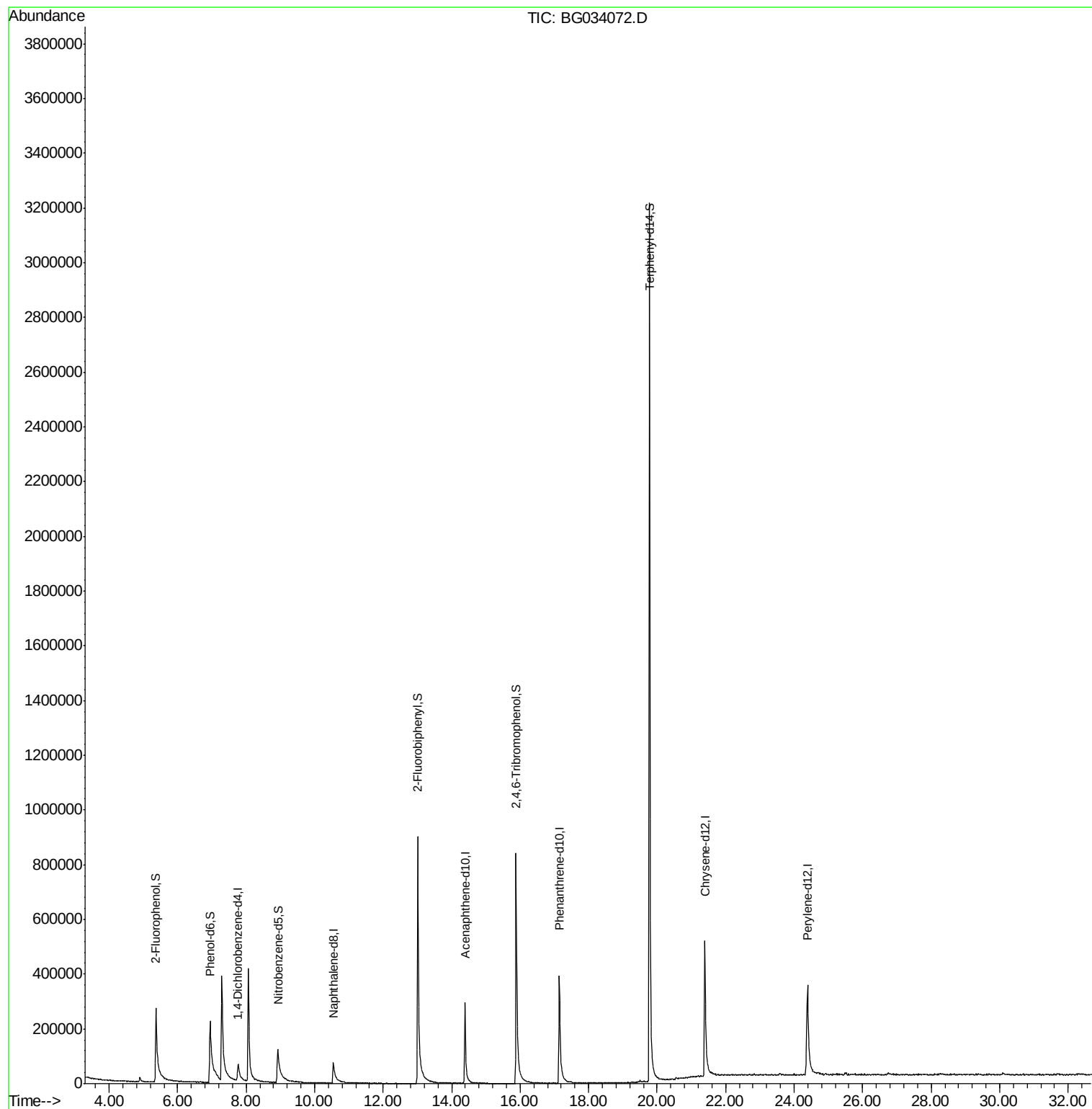
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
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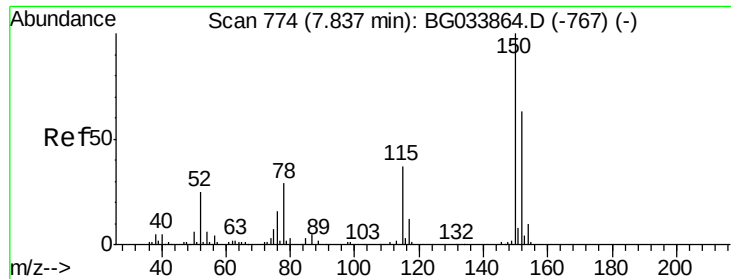
Instrument :
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#1

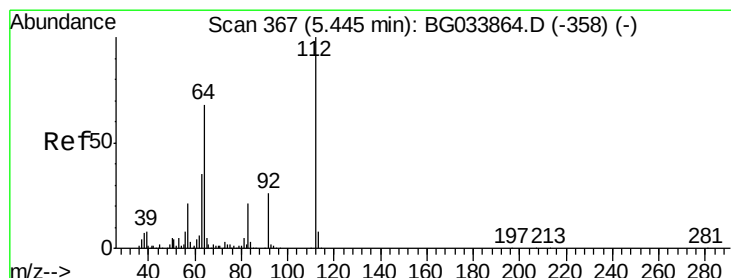
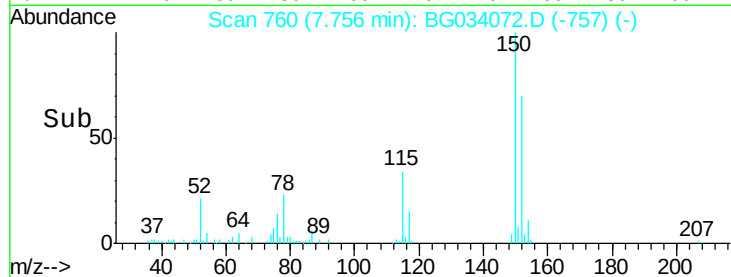
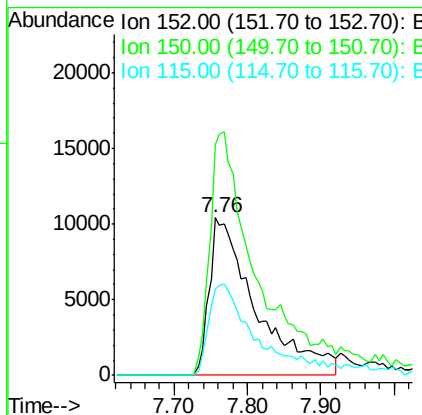
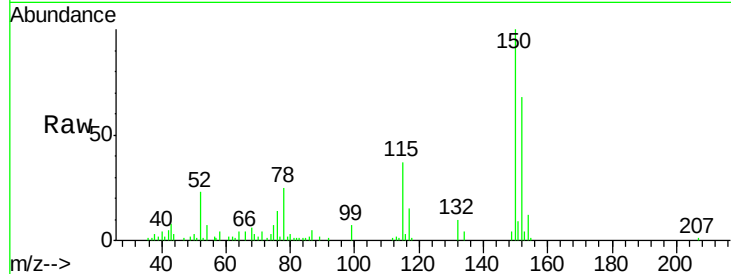
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 7.76 min Scan# 760
Delta R.T. -0.08 min
Lab File: BG034072.D
Acq: 28 Apr 2018 13:22

Instrument :
BNA_G
ClientSampleId :
PB108635BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.1	126.6	189.8
115	54.6	53.0	79.4

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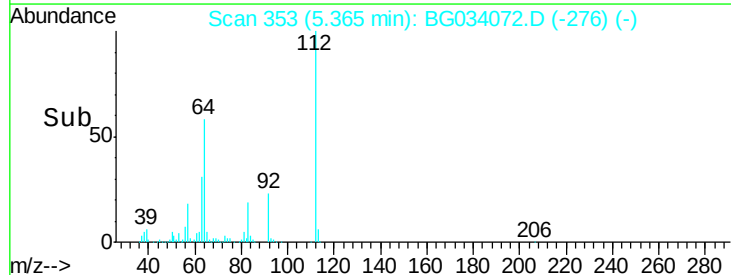
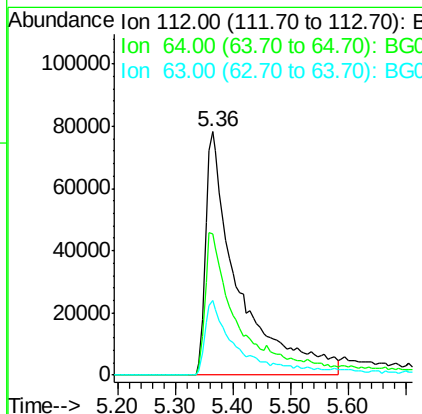
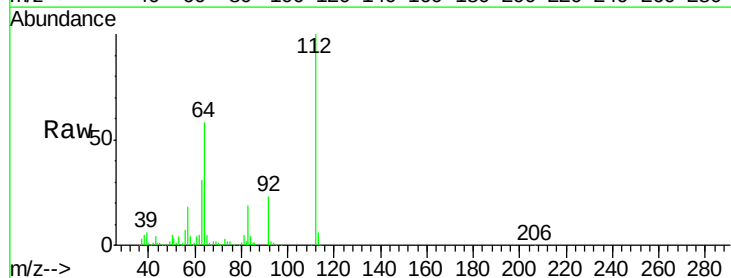
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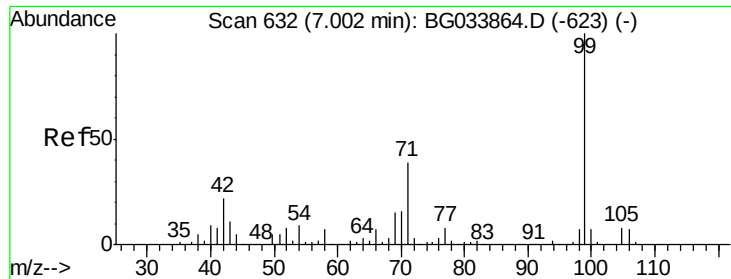


#5

2-Fluorophenol
Concen: 106.818 ng
RT: 5.36 min Scan# 353
Delta R.T. -0.08 min
Lab File: BG034072.D
Acq: 28 Apr 2018 13:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	56.3	84.5
63	30.6	30.1	45.1





#7

Phenol-d6

Concen: 85.872 ng

RT: 6.95 min Scan# 622

Delta R.T. -0.06 min

Lab File: BG034072.D

Acq: 28 Apr 2018 13:22

Instrument :

BNA_G

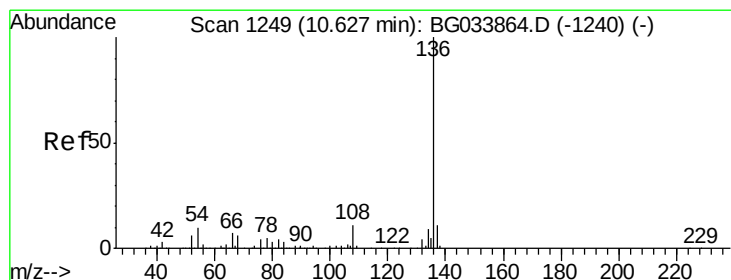
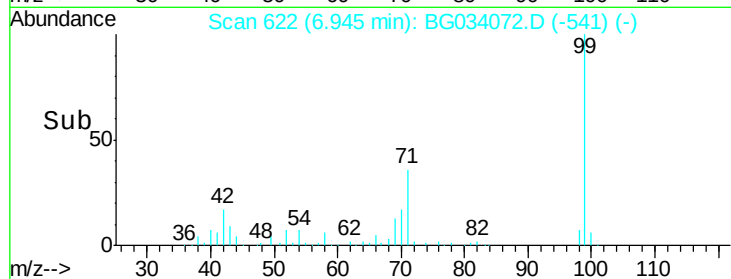
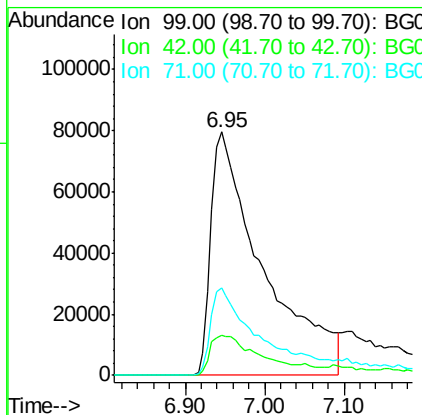
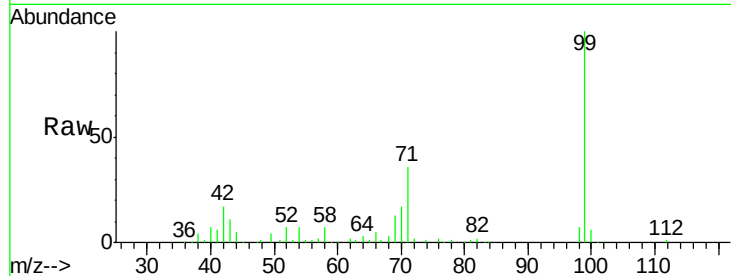
ClientSampled :

PB108635BL

Tot Ion:	99	Resp:	362640
Ion Ratio	Lower	Upper	
99	100		
42	16.7	14.1	21.1
71	35.7	26.1	39.1

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#21

Naphthalene-d8

Concen: 20.000 ng

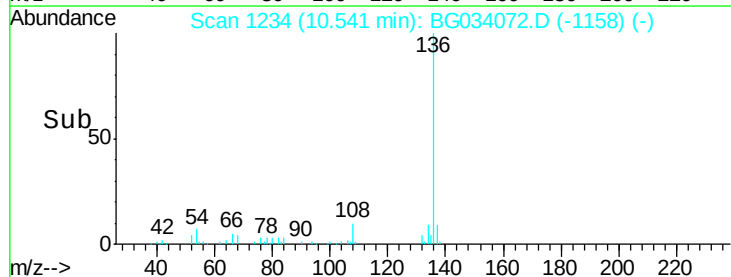
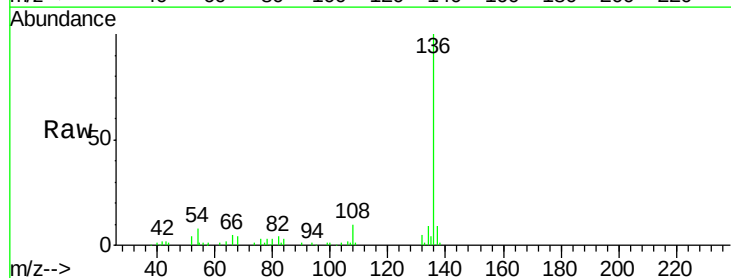
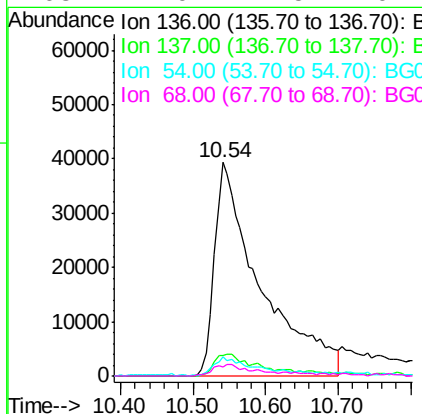
RT: 10.54 min Scan# 1234

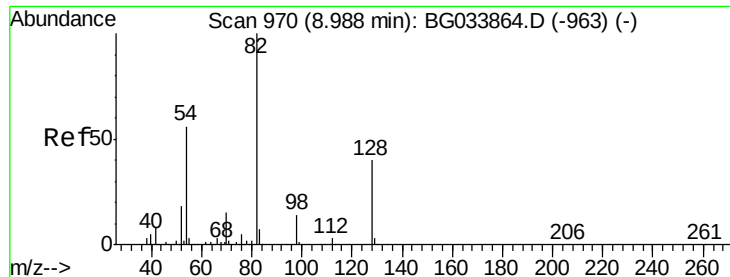
Delta R.T. -0.09 min

Lab File: BG034072.D

Acq: 28 Apr 2018 13:22

Tgt Ion:	136	Resp:	172458
Ion Ratio	Lower	Upper	
136	100		
137	9.3	9.2	13.8
54	8.8	10.3	15.5#
68	4.0	4.5	6.7#





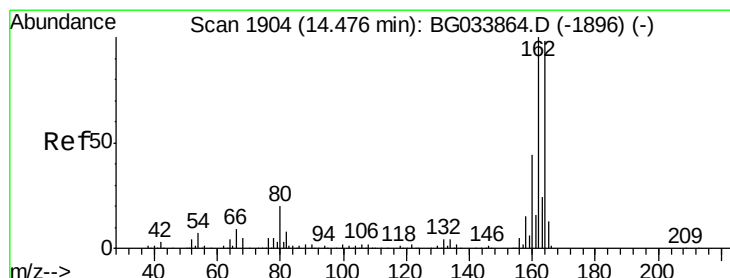
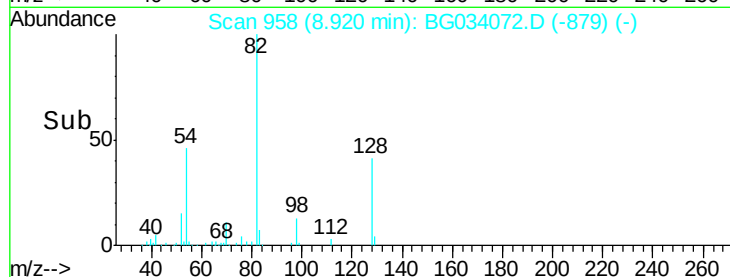
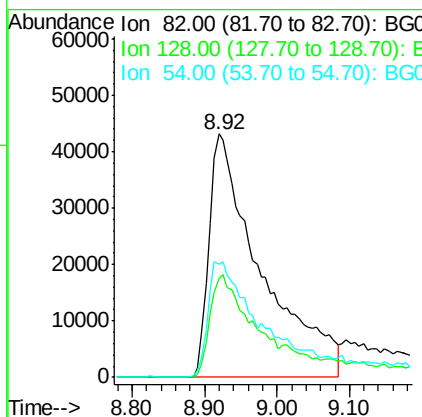
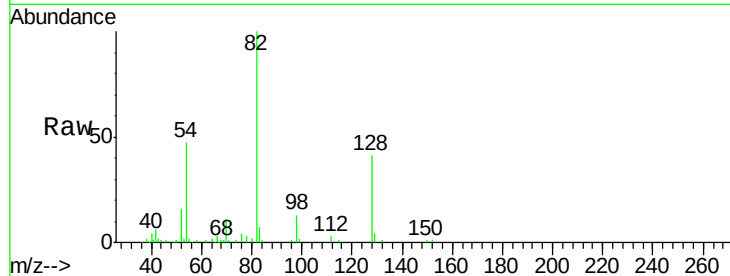
#23
 Nitrobenzene-d5
 Concen: 70.746 ng
 RT: 8.92 min Scan# 958
 Delta R.T. -0.07 min
 Lab File: BG034072.D
 Acq: 28 Apr 2018 13:22

Instrument :
 BNA_G
 ClientSampleId :
 PB108635BL

Tot Ion	82	Resp	214387
Ion	Ratio	Lower	Upper
82	100		
128	40.8	29.7	44.5
54	46.6	43.1	64.7

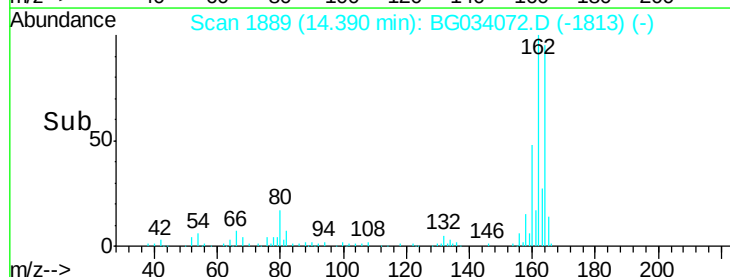
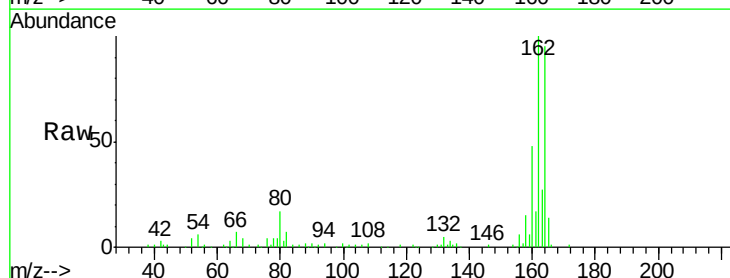
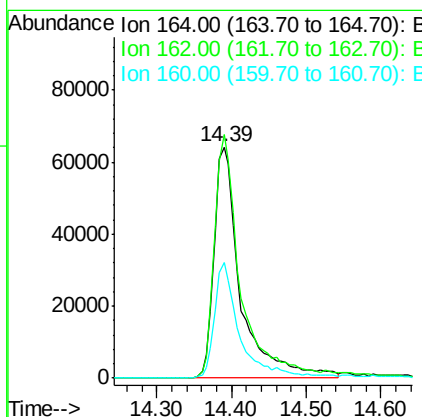
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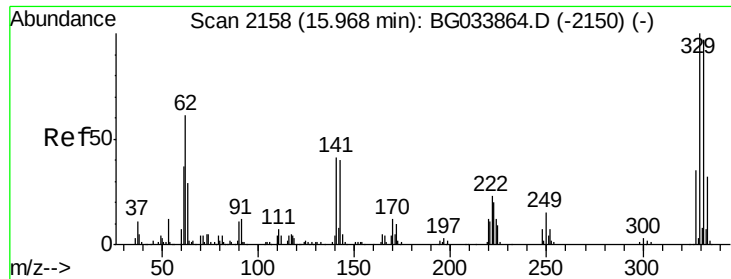
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.39 min Scan# 1889
 Delta R.T. -0.09 min
 Lab File: BG034072.D
 Acq: 28 Apr 2018 13:22

Tgt Ion	164	Resp	159107
Ion	Ratio	Lower	Upper
164	100		
162	105.4	78.8	118.2
160	50.2	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 155.566 ng

RT: 15.89 min Scan# 2144

Delta R.T. -0.08 min

Lab File: BG034072.D

Acq: 28 Apr 2018 13:22

Instrument :

BNA_G

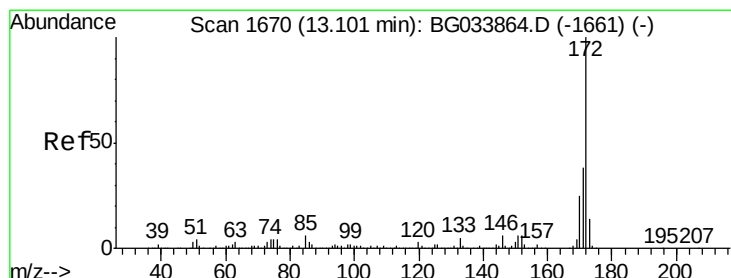
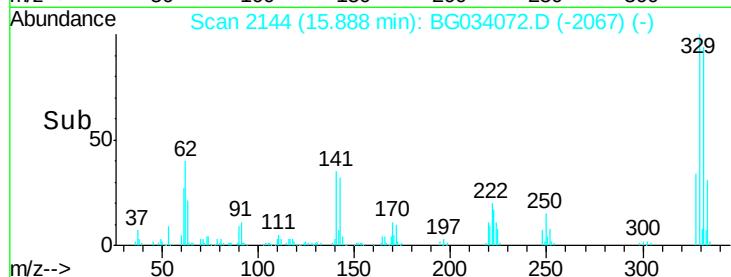
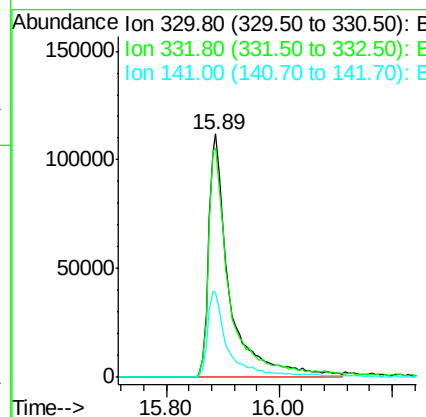
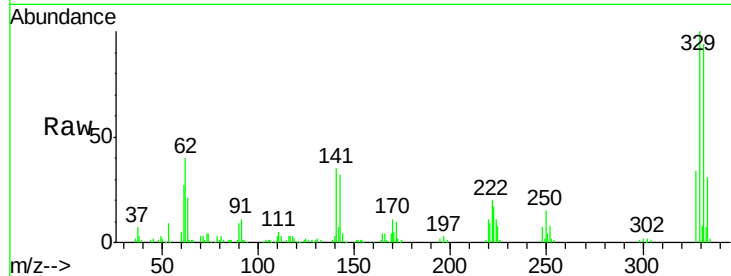
ClientSampleId :

PB108635BL

Tot Ion:	330	Resp:	288768
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.0	115.6
141	35.2	25.2	37.8

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#44

2-Fluorobiphenyl

Concen: 84.333 ng

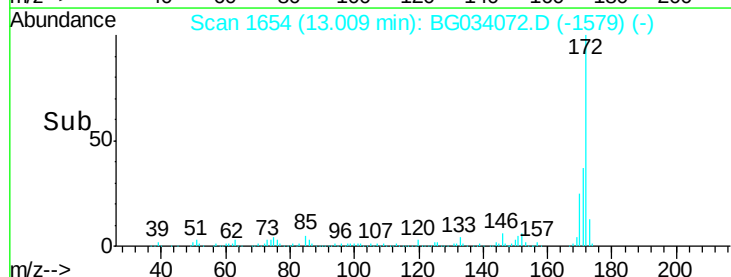
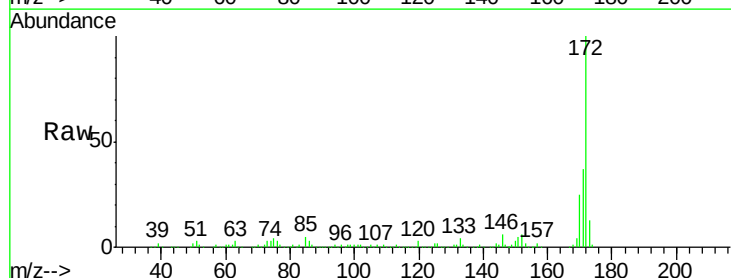
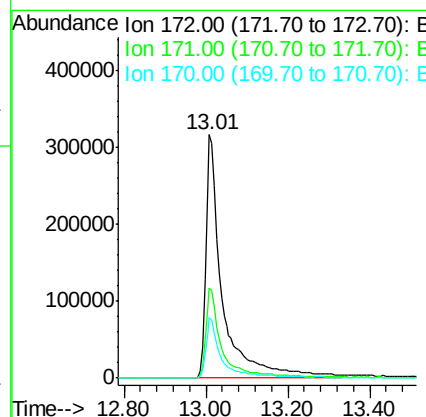
RT: 13.01 min Scan# 1654

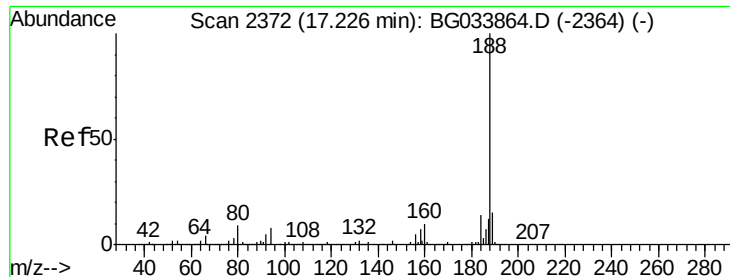
Delta R.T. -0.09 min

Lab File: BG034072.D

Acq: 28 Apr 2018 13:22

Tgt Ion:	172	Resp:	913389
Ion Ratio	Lower	Upper	
172	100		
171	36.7	30.0	45.0
170	24.8	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.15 min Scan# 2358

Delta R.T. -0.08 min

Lab File: BG034072.D

Acq: 28 Apr 2018 13:22

Instrument :

BNA_G

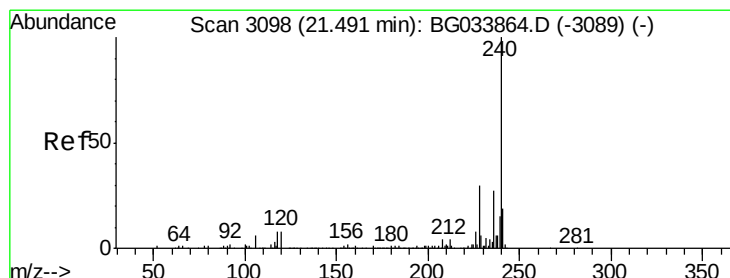
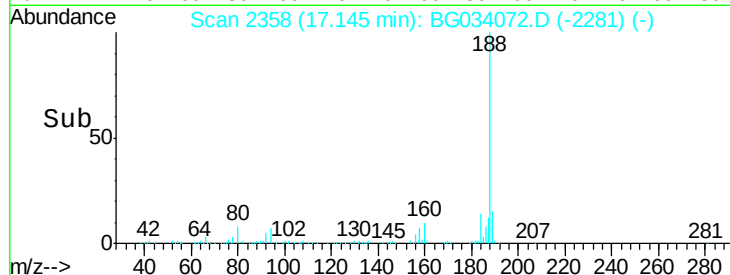
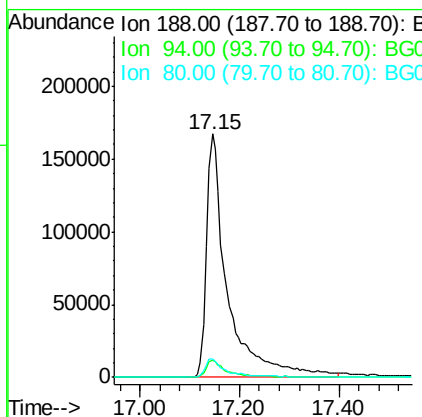
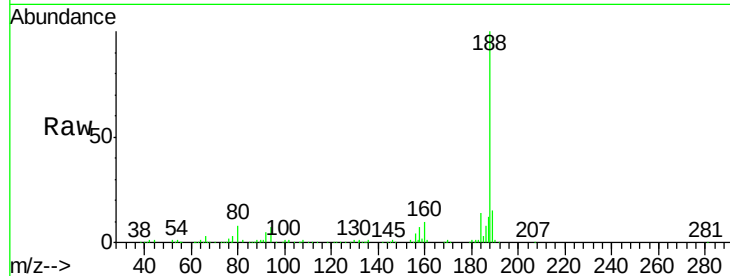
ClientSampleId :

PB108635BL

Tot Ion:	188	Resp:	493783
Ion Ratio	Lower	Upper	
188	100		
94	7.0	6.9	10.3
80	7.7	7.7	11.5

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#75

Chrysene-d12

Concen: 20.000 ng

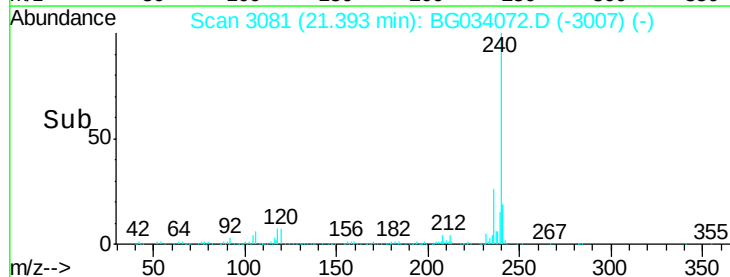
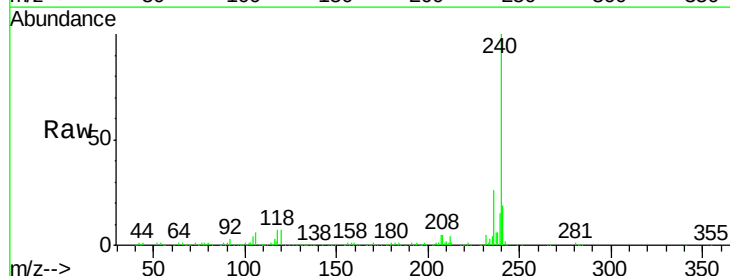
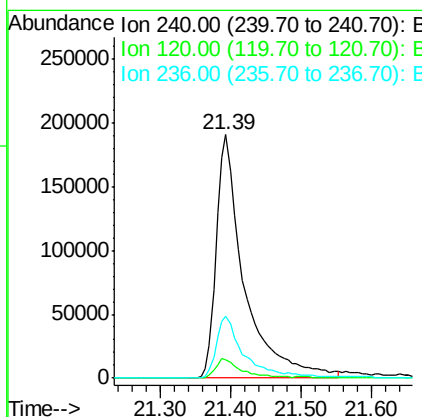
RT: 21.39 min Scan# 3081

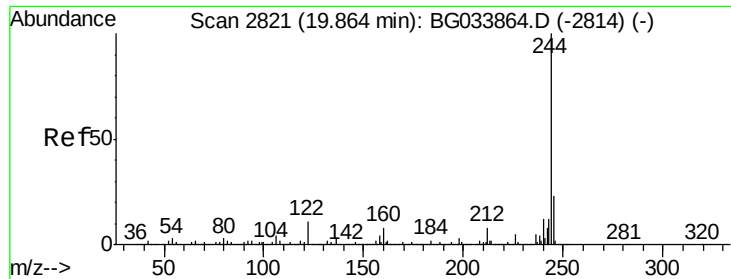
Delta R.T. -0.10 min

Lab File: BG034072.D

Acq: 28 Apr 2018 13:22

Tgt Ion:	240	Resp:	525287
Ion Ratio	Lower	Upper	
240	100		
120	7.3	6.8	10.2
236	25.6	20.9	31.3





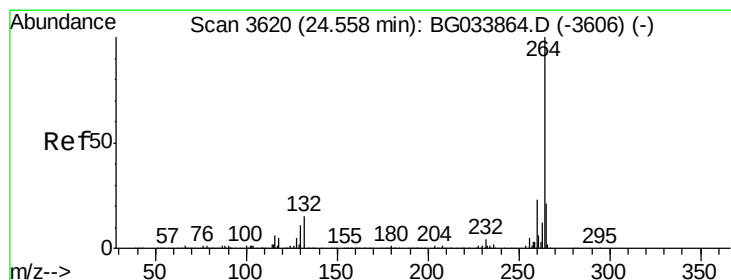
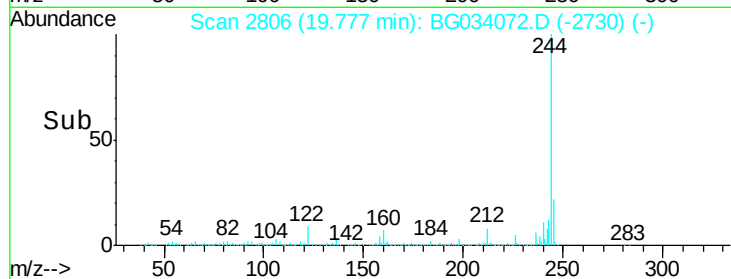
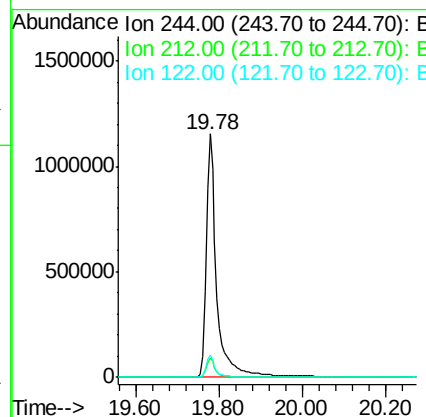
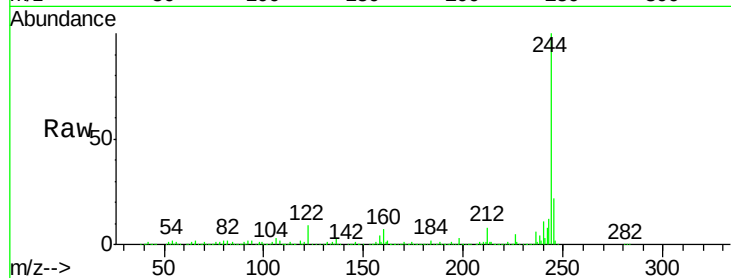
#78
 Terphenyl-d14
 Concen: 89.100 ng
 RT: 19.78 min Scan# 2806
 Delta R.T. -0.09 min
 Lab File: BG034072.D
 Acq: 28 Apr 2018 13:22

Instrument :
 BNA_G
 ClientSampleId :
 PB108635BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	8.9	7.0	10.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.39 min Scan# 3591
 Delta R.T. -0.17 min
 Lab File: BG034072.D
 Acq: 28 Apr 2018 13:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	20.8	17.7	26.5

