

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033980.D
 Acq On : 25 Apr 2018 8:45
 Operator : SJ/JU
 Sample : J2508-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Manual Integrations
 APPROVED

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Quant Time: Apr 25 12:13:46 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	7.83	152	84395	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	340404	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	210997	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	526909	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	602330	20.00	ng	-0.02
86) Perylene-d12	24.52	264	607965	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	692317	130.97	ng	0.00
7) Phenol-d6	7.00	99	806958	104.66	ng	0.00
23) Nitrobenzene-d5	8.98	82	620506	103.74	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	398516	161.89	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1432528	99.74	ng	-0.02
78) Terphenyl-d14	19.85	244	2445317	91.21	ng	-0.02

Target Compounds Qvalue

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

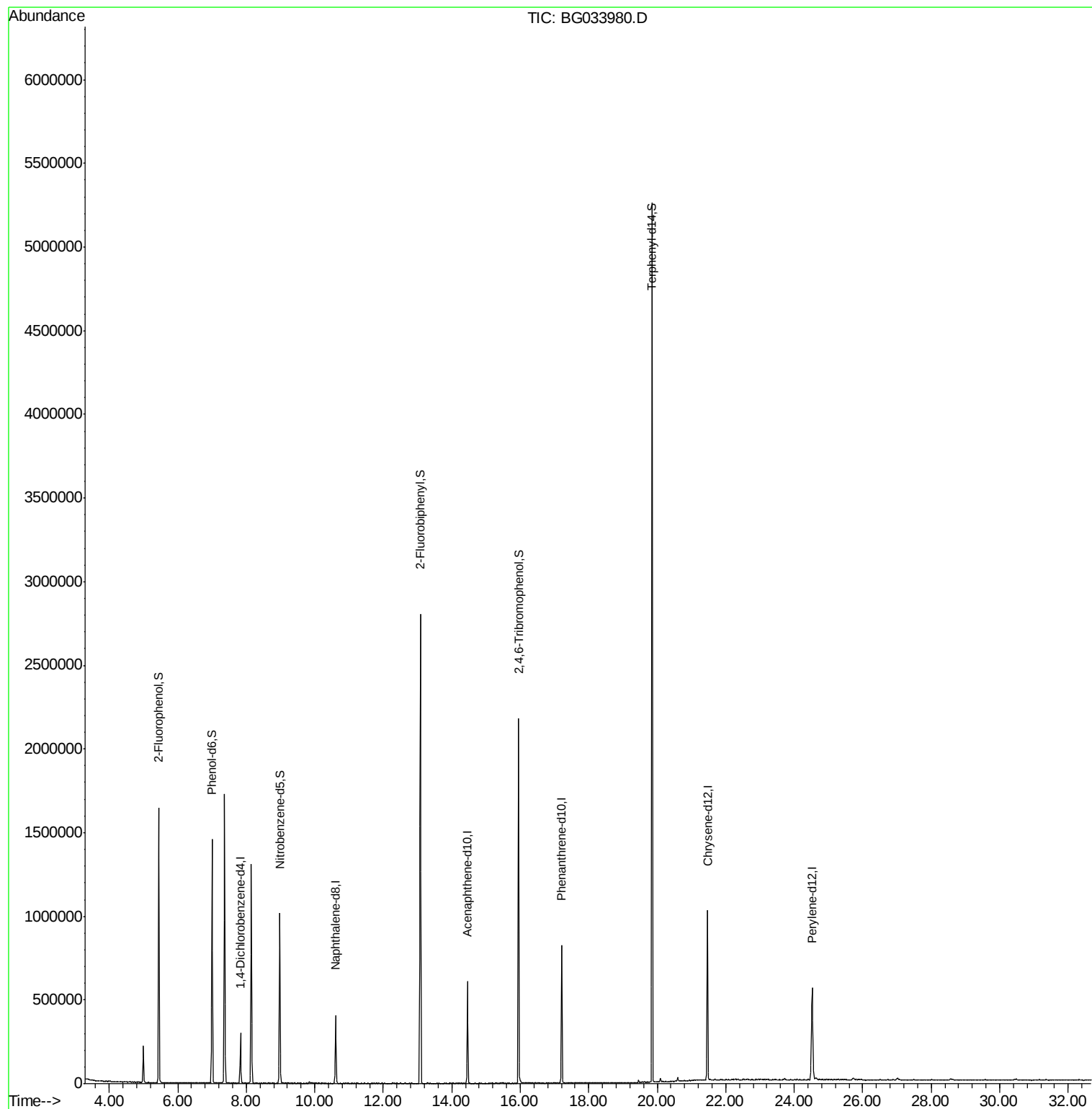
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
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#1

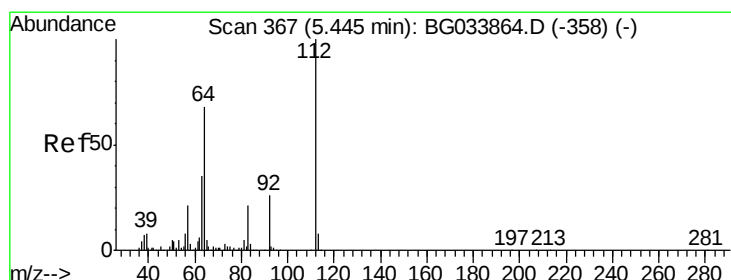
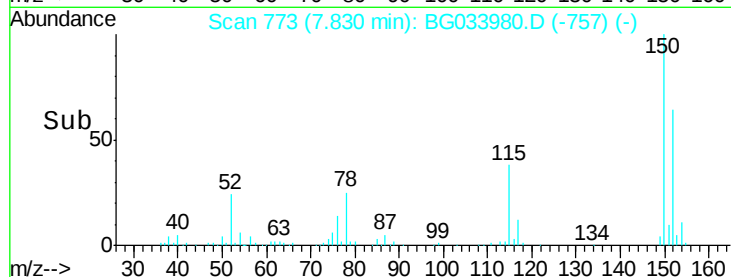
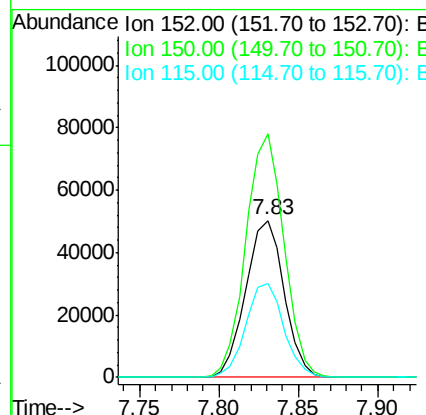
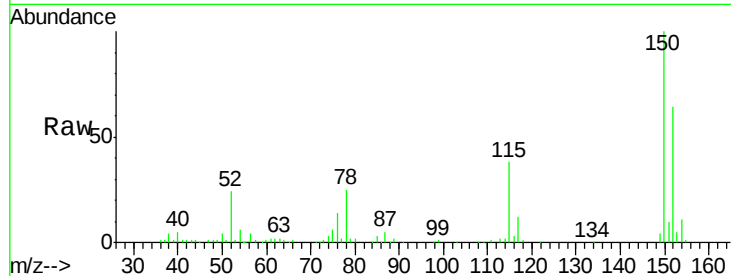
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033980.D
Acq: 25 Apr 2018 8:45

Instrument :
BNA_G
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	189.8
115	59.6	53.0	79.4

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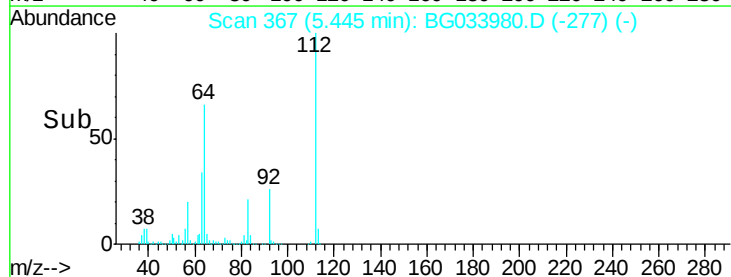
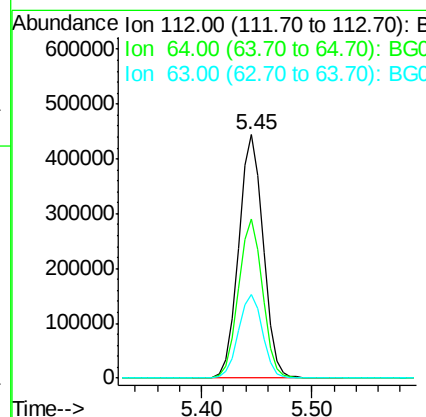
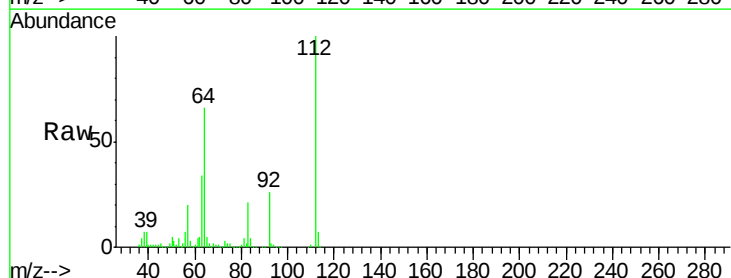
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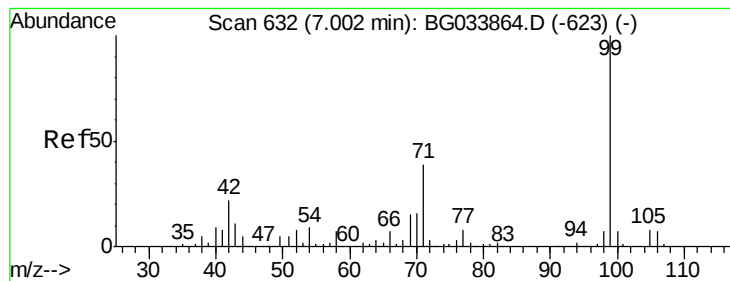


#5

2-Fluorophenol
Concen: 130.968 ng
RT: 5.45 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033980.D
Acq: 25 Apr 2018 8:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	56.3	84.5
63	34.2	30.1	45.1





#7

Phenol-d6

Concen: 104.662 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033980.D

Acq: 25 Apr 2018 8:45

Instrument :

BNA_G

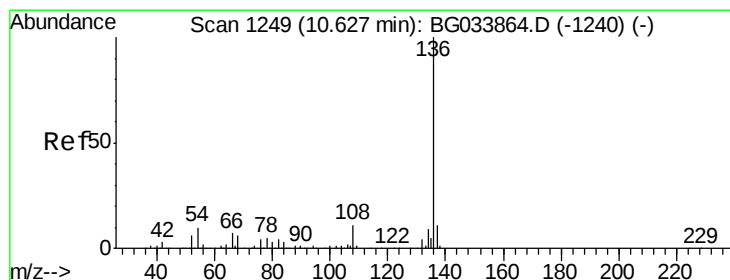
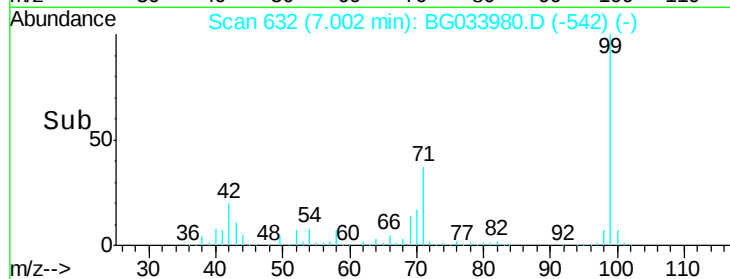
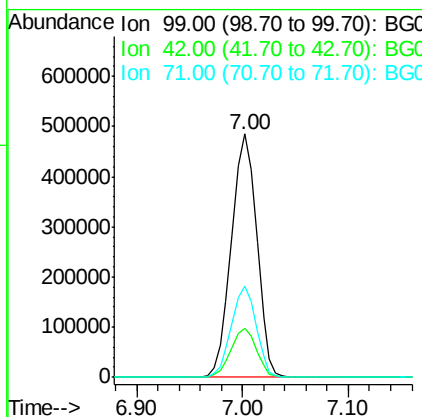
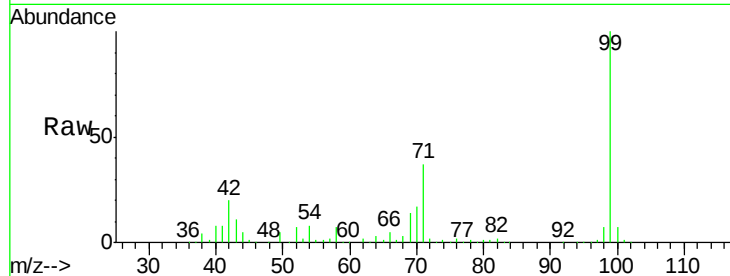
ClientSampled :

TP-1

Tot Ion:	99	Resp:	806958
Ion Ratio	Lower	Upper	
99	100		
42	20.0	14.1	21.1
71	37.5	26.1	39.1

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#21

Naphthalene-d8

Concen: 20.000 ng

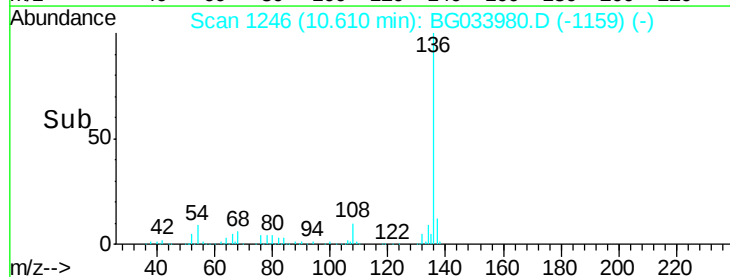
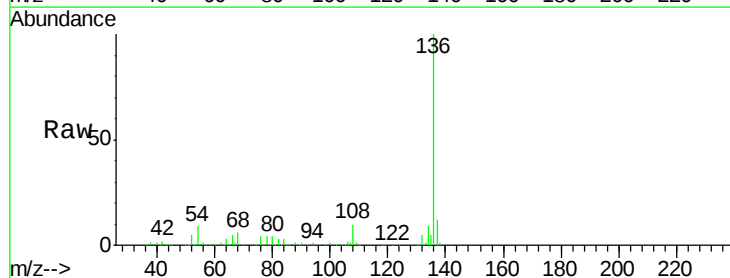
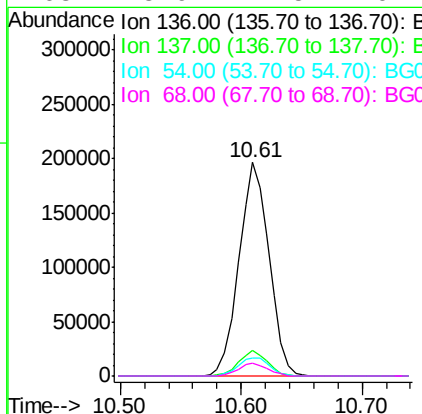
RT: 10.61 min Scan# 1246

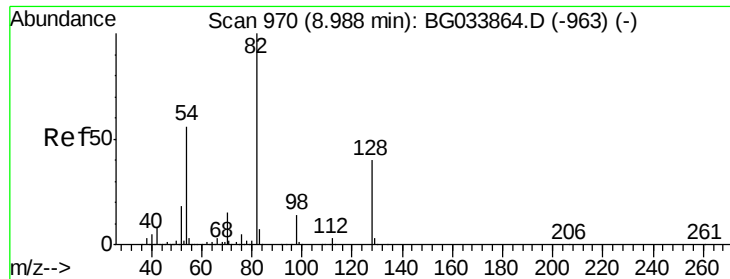
Delta R.T. -0.02 min

Lab File: BG033980.D

Acq: 25 Apr 2018 8:45

Tgt Ion:	136	Resp:	340404
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.2	13.8
54	8.7	10.3	15.5#
68	5.9	4.5	6.7





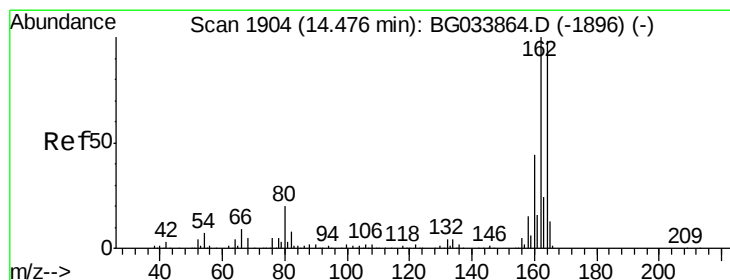
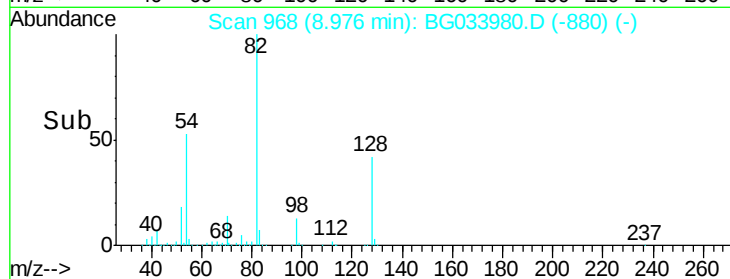
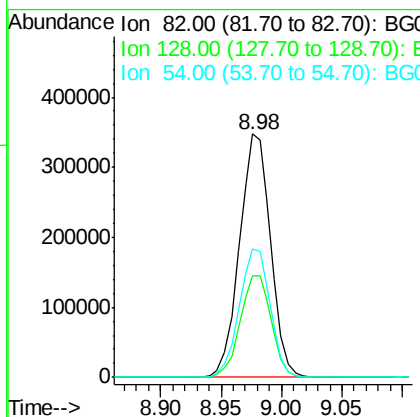
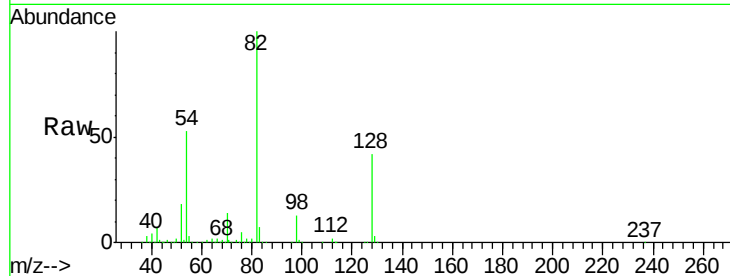
#23
 Nitrobenzene-d5
 Concen: 103.738 ng
 RT: 8.98 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG033980.D
 Acq: 25 Apr 2018 8:45

Instrument :
 BNA_G
 ClientSampled :
 TP-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	29.7	44.5
54	52.9	43.1	64.7

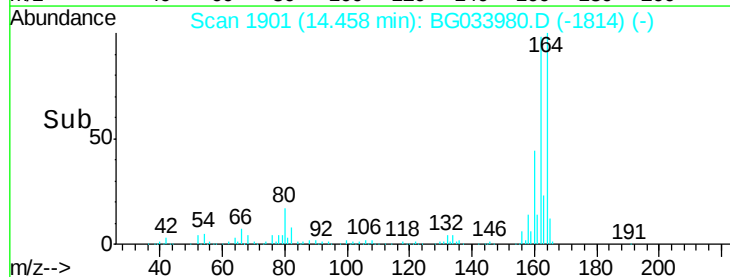
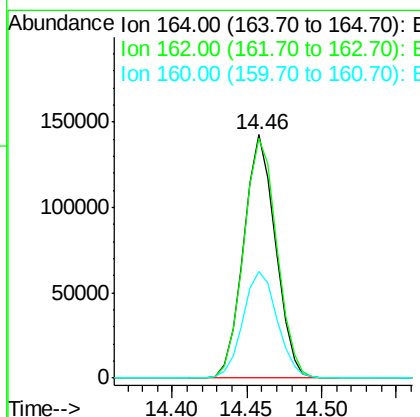
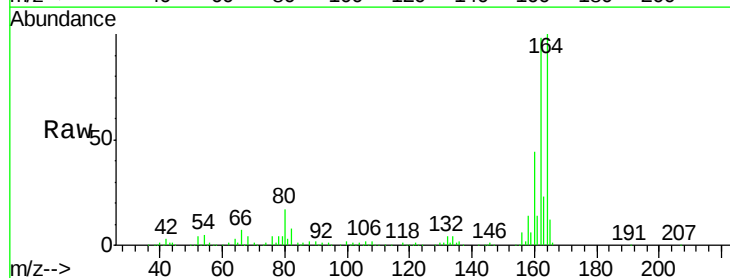
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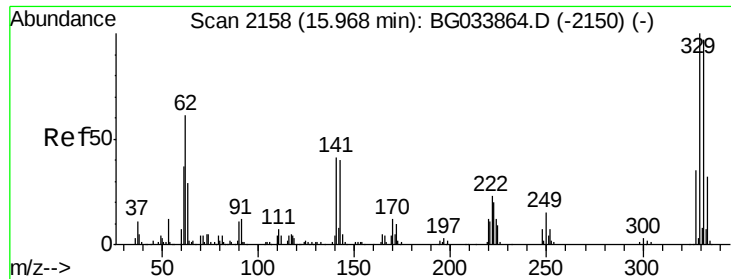
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033980.D
 Acq: 25 Apr 2018 8:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.8	118.2
160	43.6	35.4	53.0





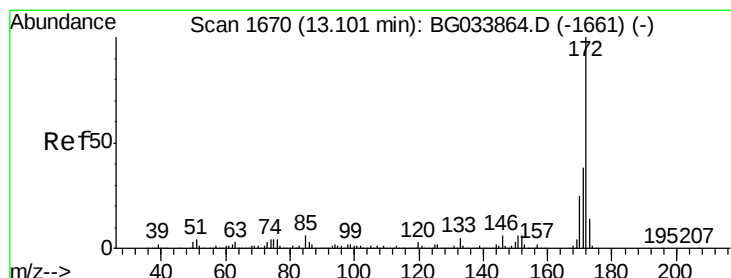
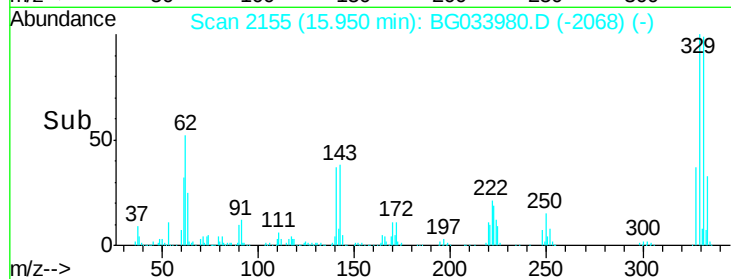
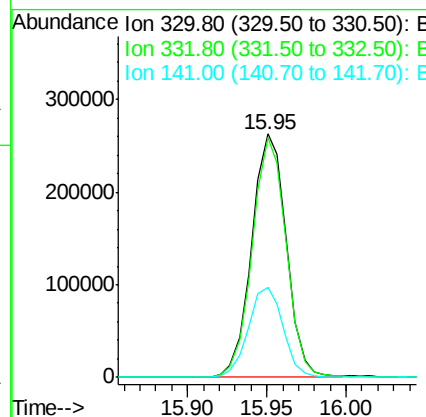
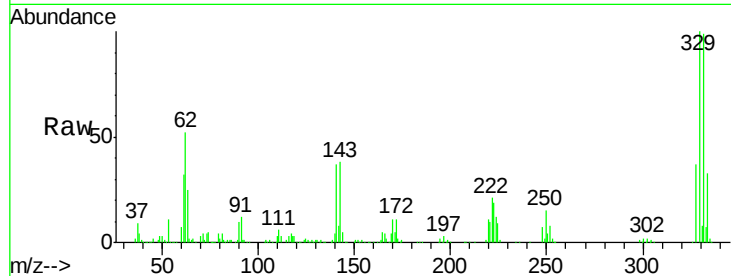
#41
 2,4,6-Tribromophenol
 Concen: 161.892 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033980.D
 Acq: 25 Apr 2018 8:45

Instrument :
 BNA_G
 ClientSampled :
 TP-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	77.0	115.6	
141	37.3	25.2	37.8	

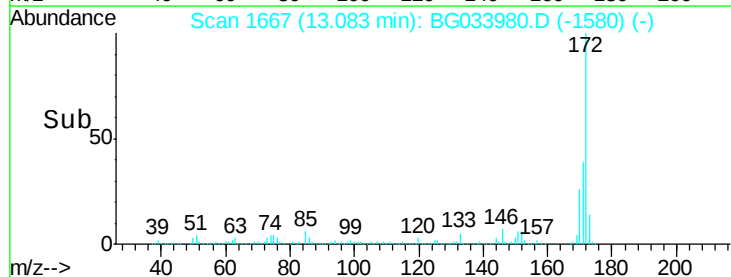
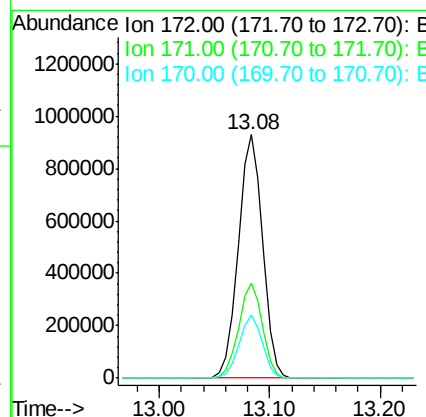
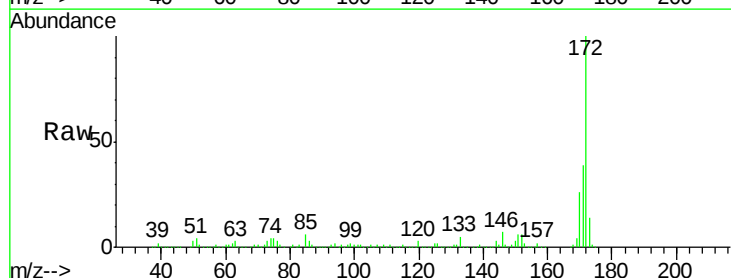
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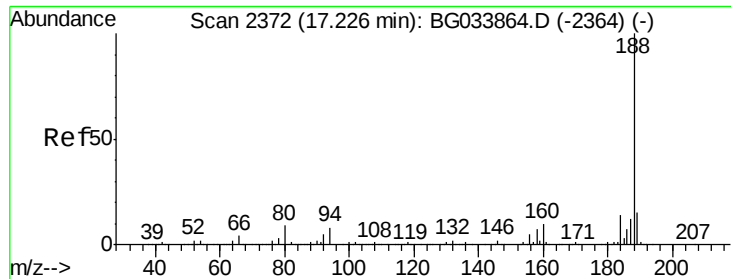
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#44
 2-Fluorobiphenyl
 Concen: 99.737 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033980.D
 Acq: 25 Apr 2018 8:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	39.1	30.0	45.0	
170	25.9	19.5	29.3	





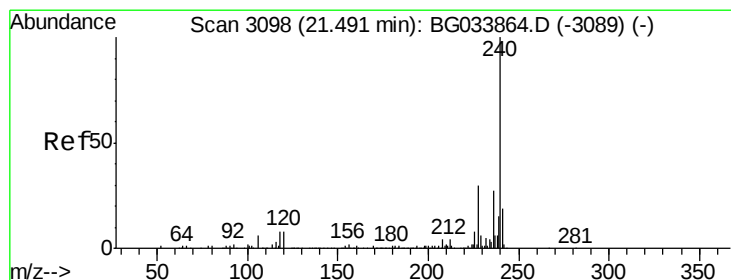
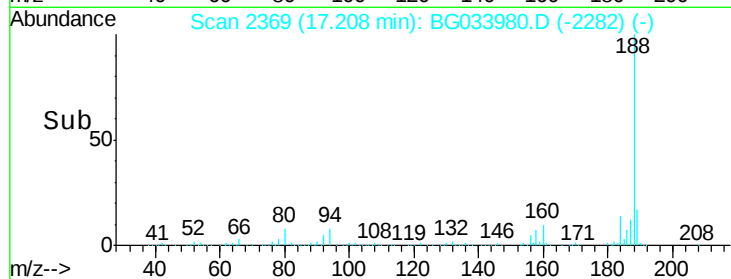
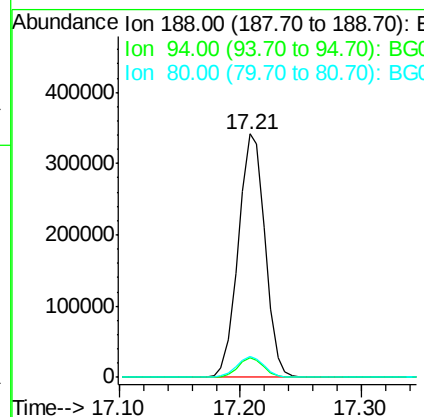
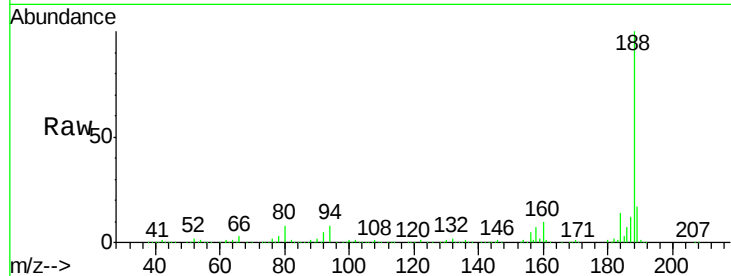
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033980.D
Acq: 25 Apr 2018 8:45

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.5	7.7	11.5

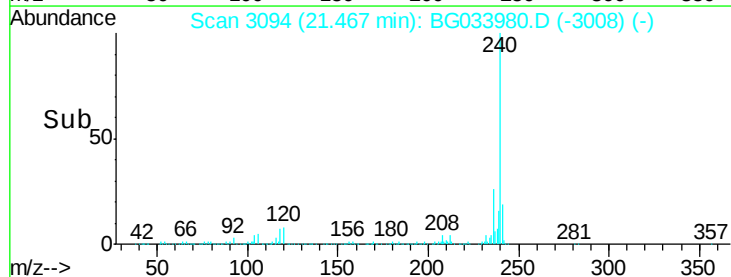
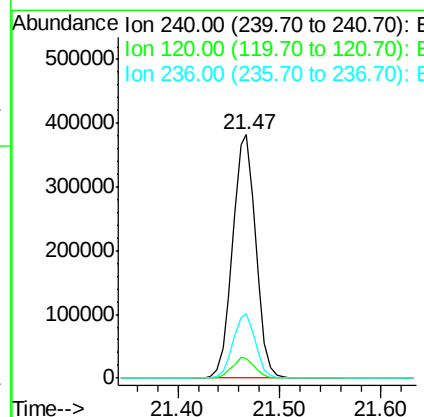
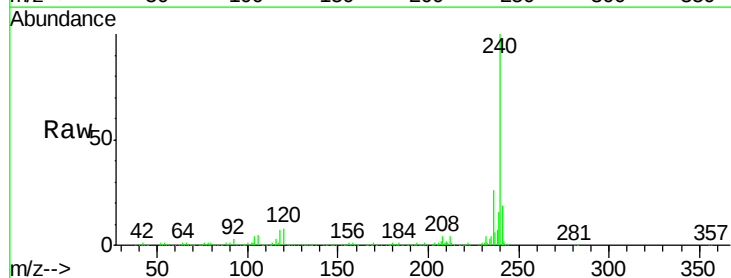
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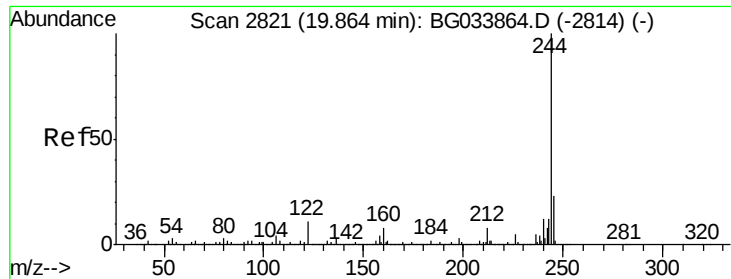
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033980.D
Acq: 25 Apr 2018 8:45

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.0	6.8	10.2
236	26.3	20.9	31.3





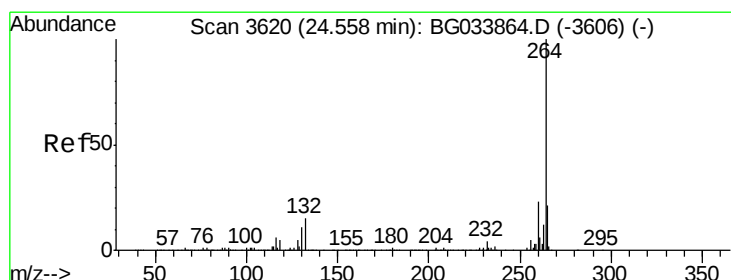
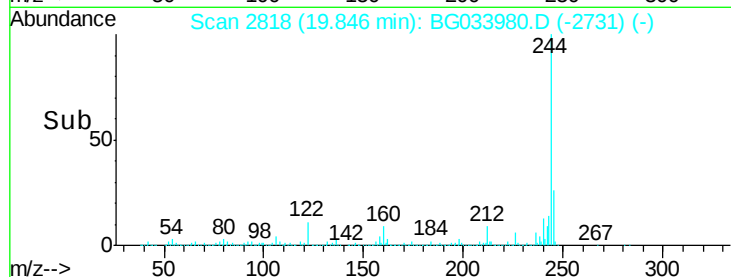
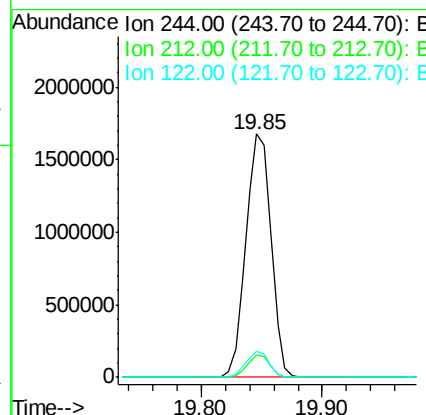
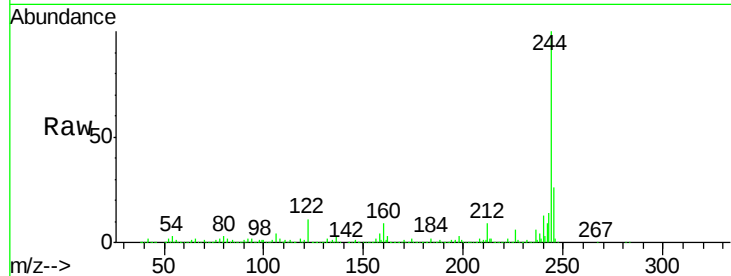
#78
 Terphenyl-d14
 Concen: 91.207 ng
 RT: 19.85 min Scan# 2818
 Delta R.T. -0.02 min
 Lab File: BG033980.D
 Acq: 25 Apr 2018 8:45

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion:244 Resp: 2445317
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.8 8.8#
 122 10.9 7.0 10.4#

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.52 min Scan# 3614
 Delta R.T. -0.04 min
 Lab File: BG033980.D
 Acq: 25 Apr 2018 8:45

Tgt Ion:264 Resp: 607965
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.4 26.0
 265 22.2 17.7 26.5

