

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031188.D
 Acq On : 22 Nov 2017 14:17
 Operator : SJ/JU
 Sample : PB104484BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104484BL

Manual Integrations
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Quant Time: Nov 23 00:28:45 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	48038	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	210668	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	145550	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	395647	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	469251	20.00	ng	-0.01
86) Perylene-d12	25.07	264	444960	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	394063	140.66	ng	-0.01
7) Phenol-d6	7.30	99	516048	136.73	ng	0.00
23) Nitrobenzene-d5	9.30	82	293987	82.69	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	264070	112.15	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	908272	89.67	ng	-0.02
78) Terphenyl-d14	20.09	244	1777287	83.63	ng	0.00

Target Compounds Qvalue

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

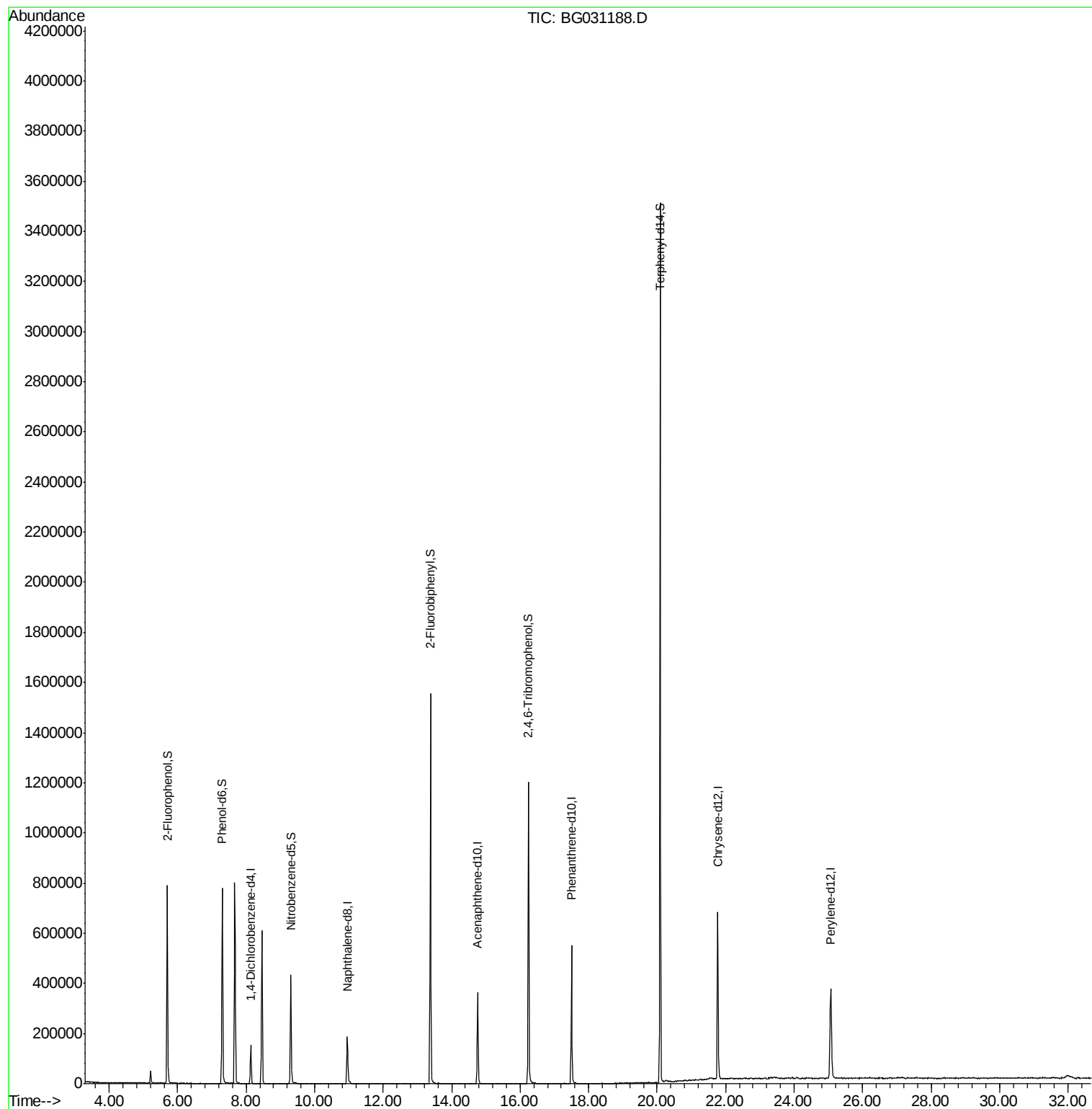
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
Data File : BG031188.D
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ALS Vial : 3 Sample Multiplier: 1

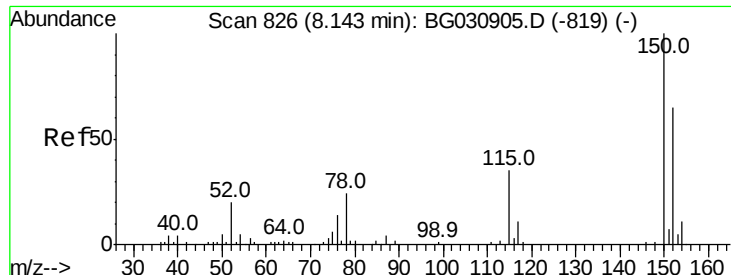
Instrument :
BNA_G
ClientSampleId :
PB104484BL

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#1

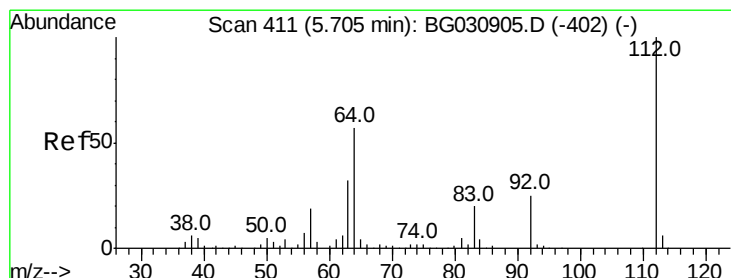
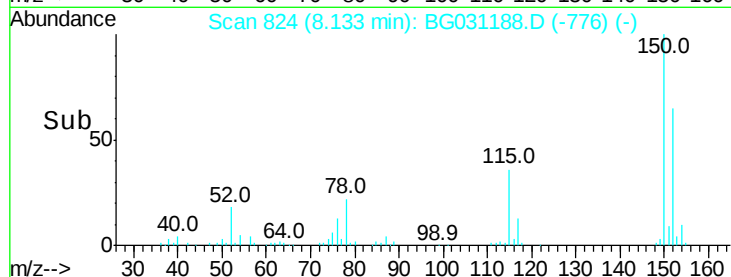
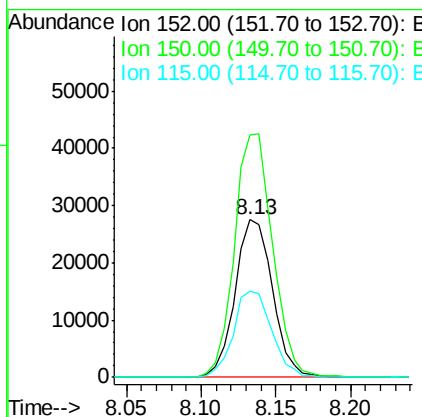
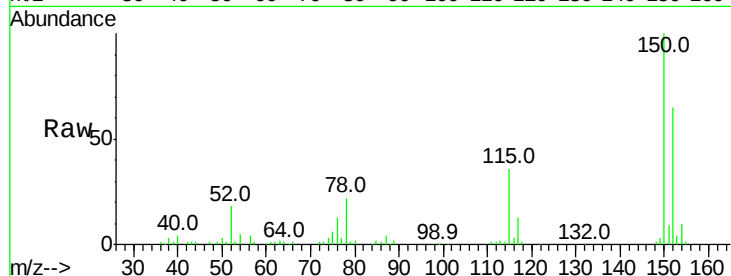
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031188.D
Acq: 22 Nov 2017 14:17

Instrument :
BNA_G
ClientSampleId :
PB104484BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.6	189.8
115	54.6	53.0	79.4

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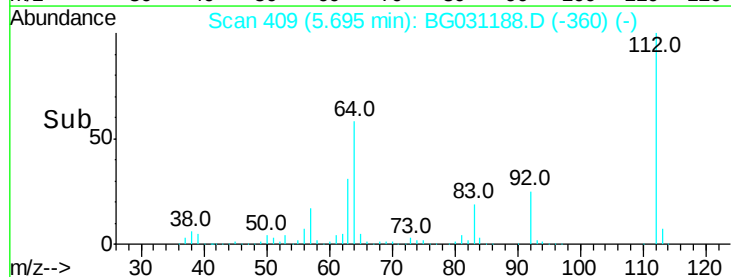
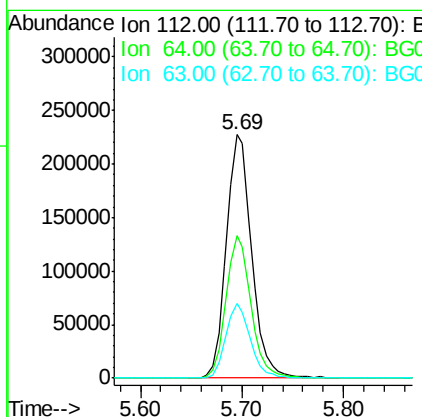
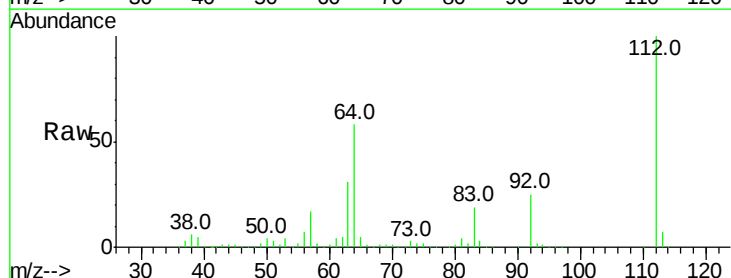
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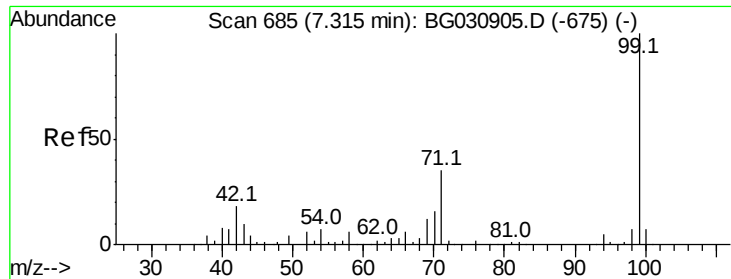


#5

2-Fluorophenol
Concen: 140.664 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.01 min
Lab File: BG031188.D
Acq: 22 Nov 2017 14:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	56.3	84.5
63	30.6	30.1	45.1





#7

Phenol-d6

Concen: 136.732 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031188.D

Acq: 22 Nov 2017 14:17

Instrument :

BNA_G

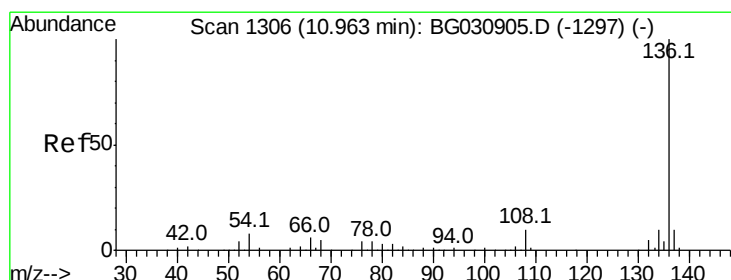
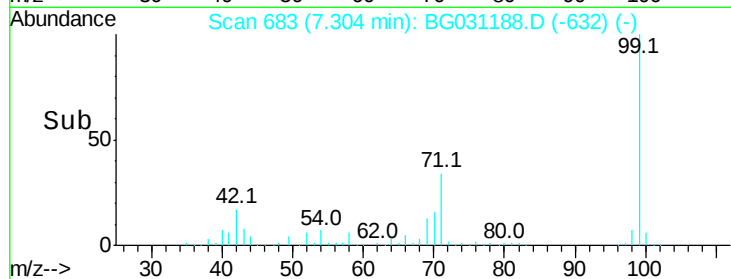
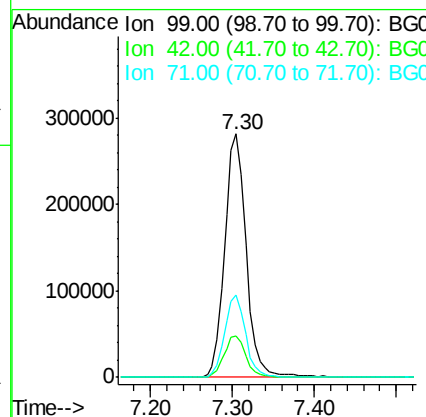
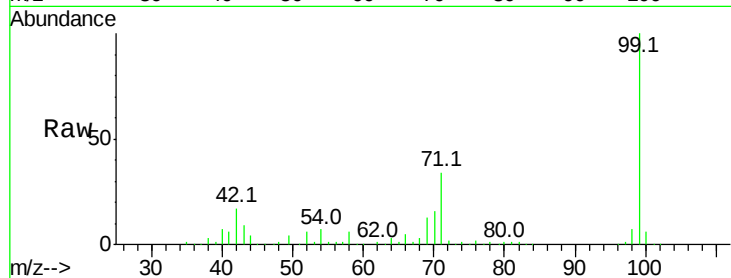
ClientSampleId :

PB104484BL

Tot Ion:	99	Resp:	516048
Ion Ratio	Lower	Upper	
99	100		
42	17.2	14.1	21.1
71	34.0	26.1	39.1

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#21

Naphthalene-d8

Concen: 20.000 ng

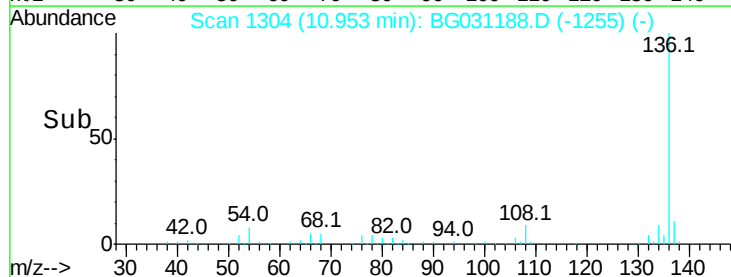
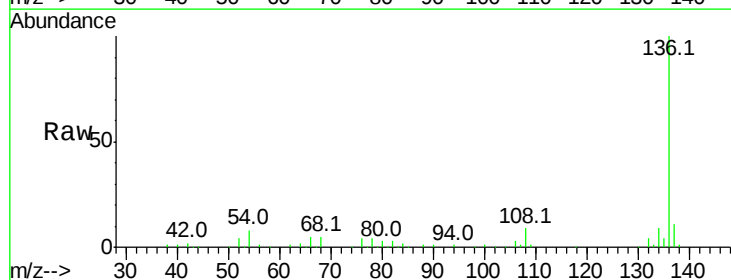
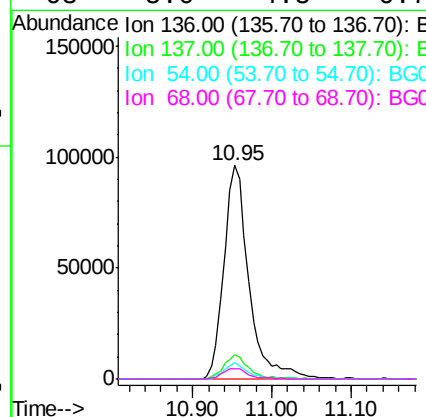
RT: 10.95 min Scan# 1304

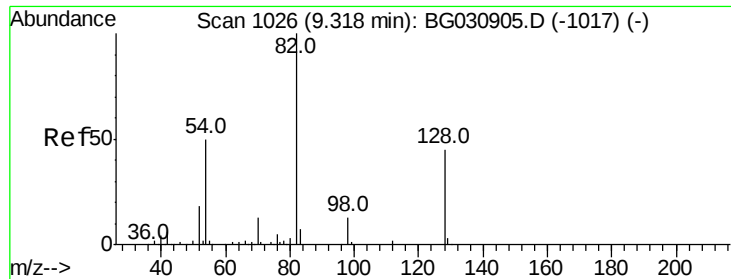
Delta R.T. -0.01 min

Lab File: BG031188.D

Acq: 22 Nov 2017 14:17

Tgt Ion:	136	Resp:	210668
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.2	13.8
54	7.9	10.3	15.5#
68	5.0	4.5	6.7





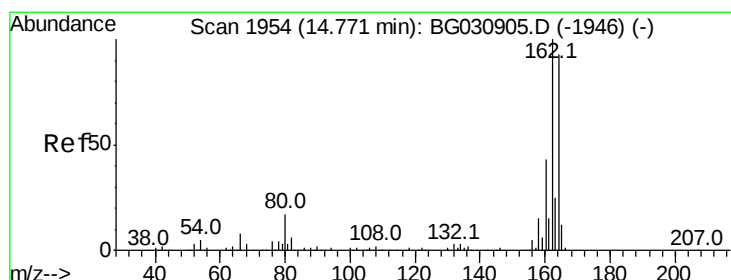
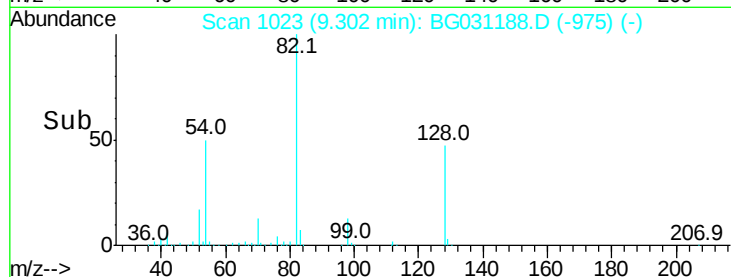
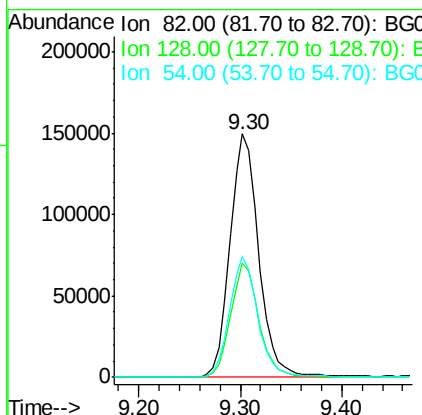
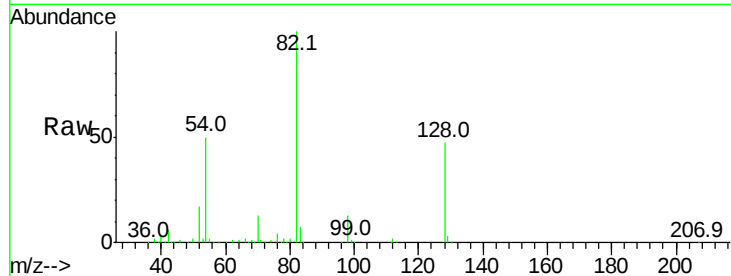
#23
Nitrobenzene-d5
Concen: 82.692 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031188.D
Acq: 22 Nov 2017 14:17

Instrument :
BNA_G
ClientSampled :
PB104484BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	29.7	44.5#
54	49.7	43.1	64.7

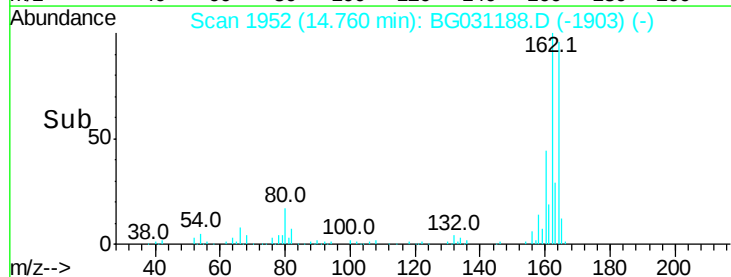
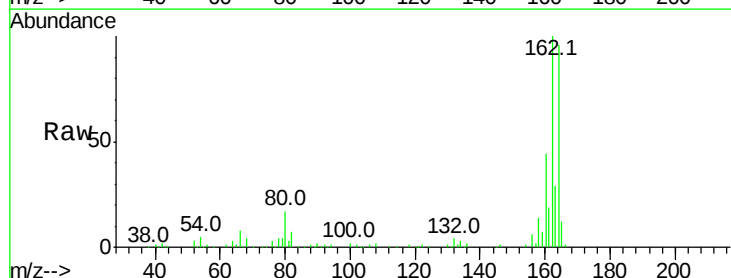
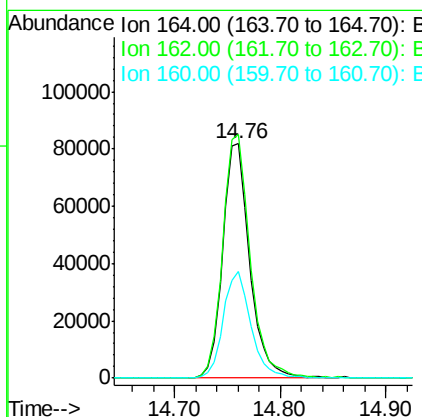
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG031188.D
Acq: 22 Nov 2017 14:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.8	118.2
160	45.4	35.4	53.0





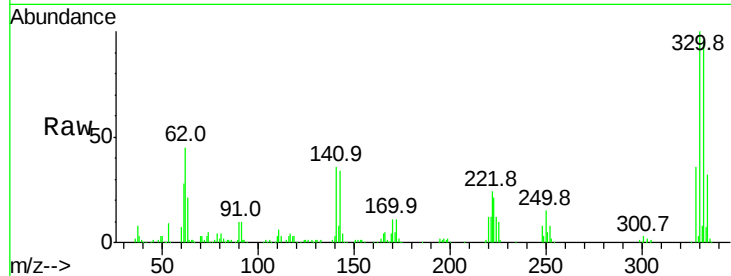
#41
 2,4,6-Tribromophenol
 Concen: 112.154 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG031188.D
 Acq: 22 Nov 2017 14:17

Instrument :
 BNA_G
 ClientSampleId :
 PB104484BL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	264070		
332	95.2	77.0	115.6	
141	34.5	25.2	37.8	

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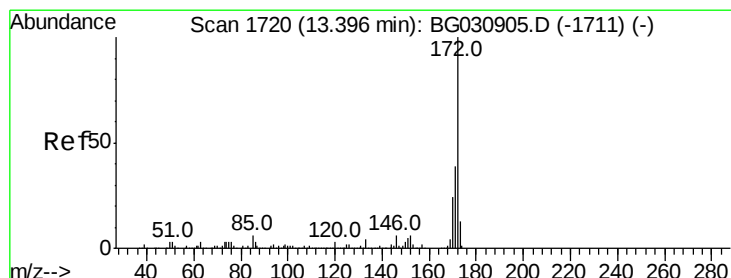
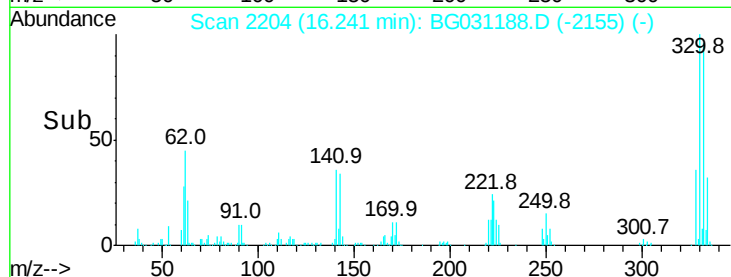
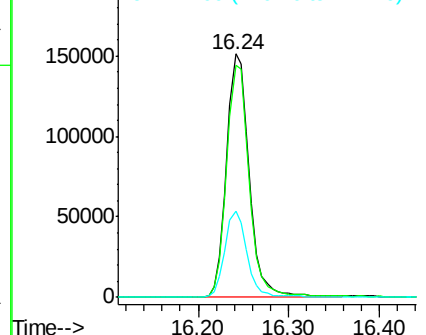


Abundance

Ion 329.80 (329.50 to 330.50): E

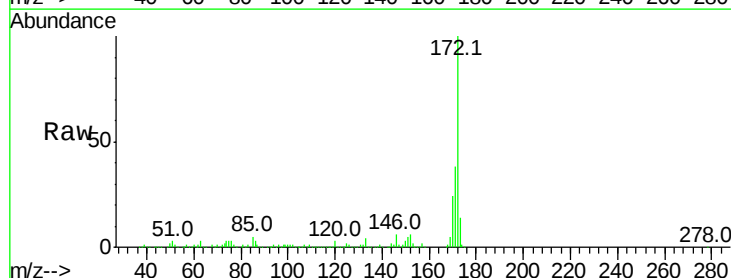
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.666 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031188.D
 Acq: 22 Nov 2017 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	908272		
171	38.2	30.0	45.0	
170	24.1	19.5	29.3	

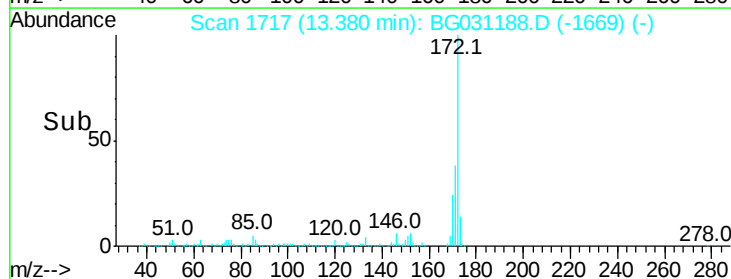
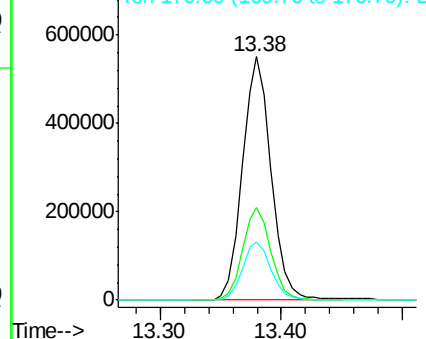


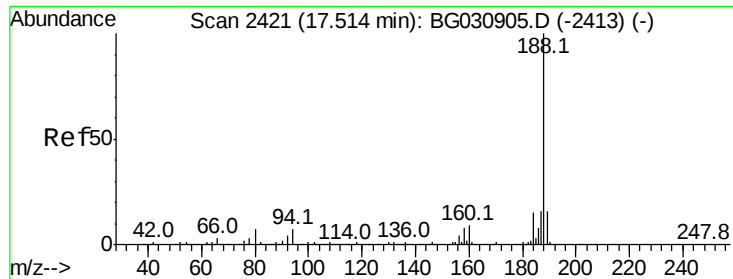
Abundance

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





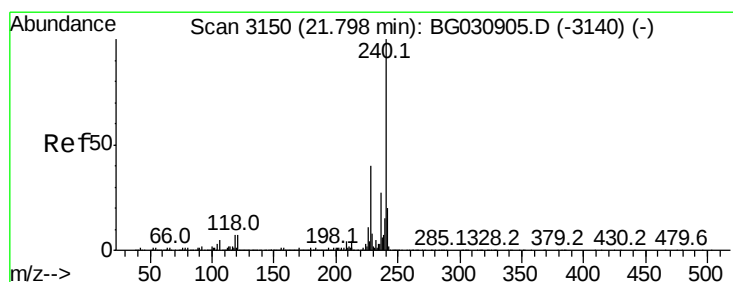
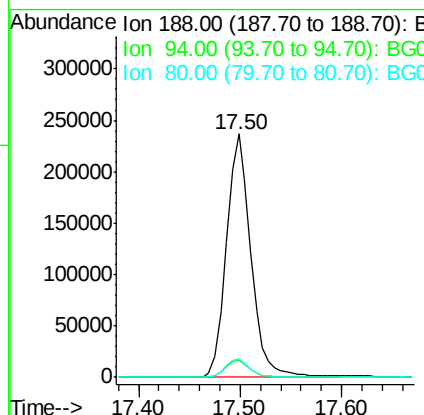
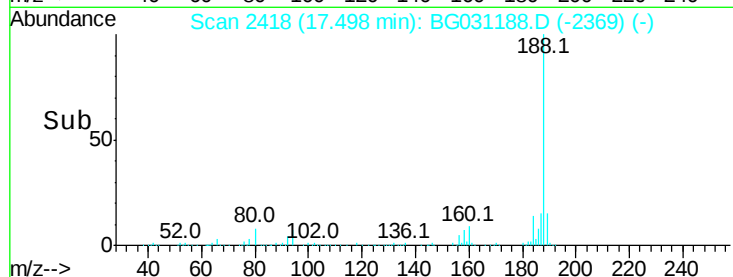
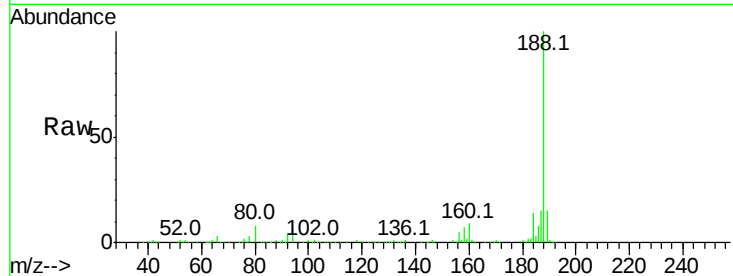
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG031188.D
Acq: 22 Nov 2017 14:17

Instrument :
BNA_G
ClientSampleId :
PB104484BL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.9	6.9	10.3
80	7.6	7.7	11.5#

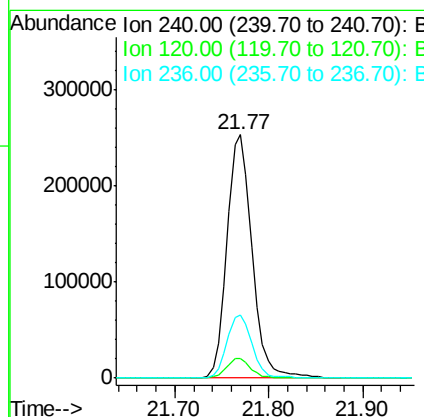
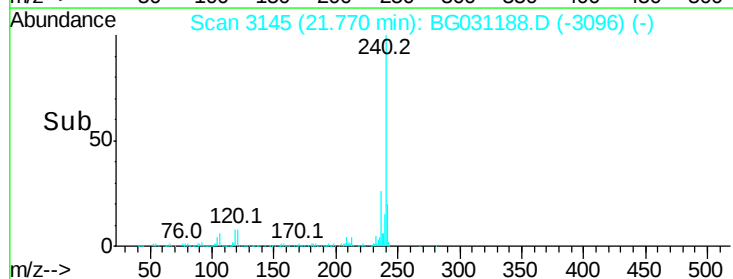
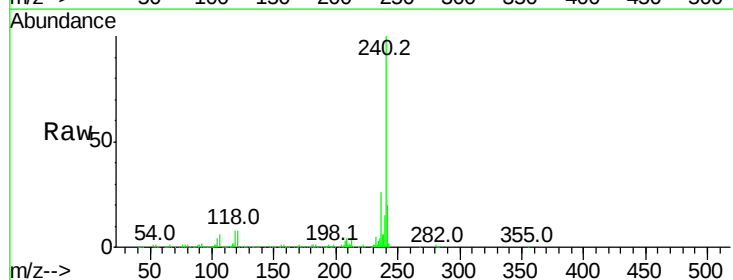
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG031188.D
Acq: 22 Nov 2017 14:17

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.0	6.8	10.2
236	25.9	20.9	31.3





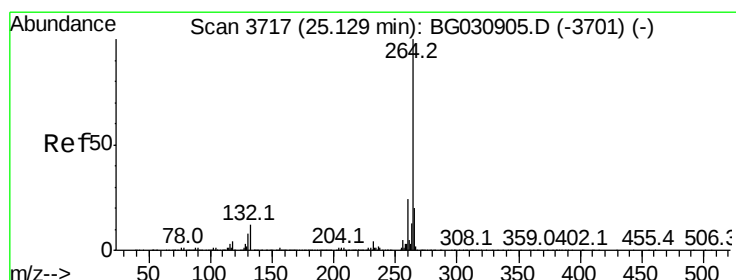
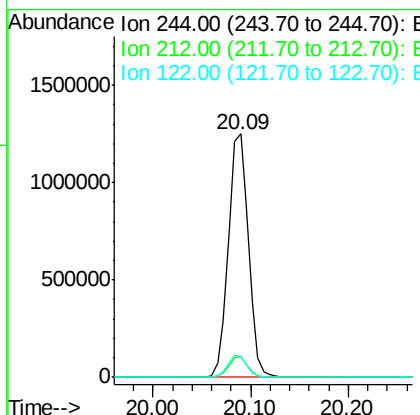
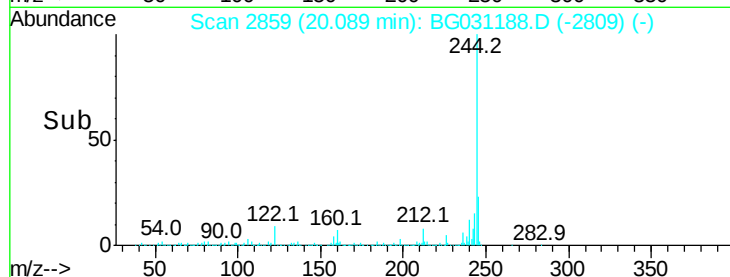
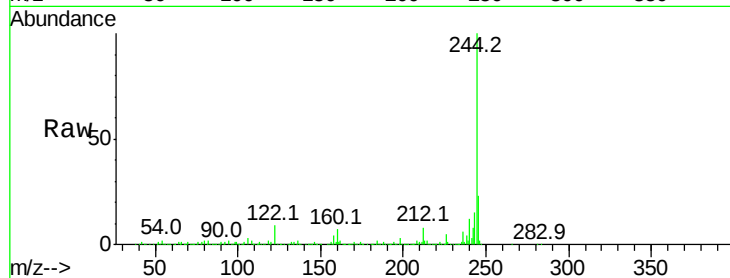
#78
 Terphenyl-d14
 Concen: 83.631 ng
 RT: 20.09 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BG031188.D
 Acq: 22 Nov 2017 14:17

Instrument :
 BNA_G
 ClientSampleId :
 PB104484BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	8.5	7.0	10.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3706
 Delta R.T. -0.03 min
 Lab File: BG031188.D
 Acq: 22 Nov 2017 14:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.5	17.7	26.5

