

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033421.D
 Acq On : 29 Mar 2018 14:51
 Operator : SJ/JU
 Sample : J2071-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-MH-D-D

Manual Integrations
 APPROVED

Sohil
 3/29/2018 5:39:54 PM

Quant Time: Mar 29 16:26:46 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	41188	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	166392	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	127852	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	316542	20.00	ng	0.00
75) Chrysene-d12	22.56	240	331585	20.00	ng	0.00
86) Perylene-d12	26.33	264	344320m	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	340931	155.21	ng	0.00
7) Phenol-d6	7.99	99	472117	125.09	ng	0.00
23) Nitrobenzene-d5	10.07	82	361244	99.75	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	234005	122.38	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	890144	100.51	ng	0.00
78) Terphenyl-d14	20.73	244	1587547	102.39	ng	0.00
Target Compounds						
31) Naphthalene	11.80	128	41972m	4.868	ng	Qvalue

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

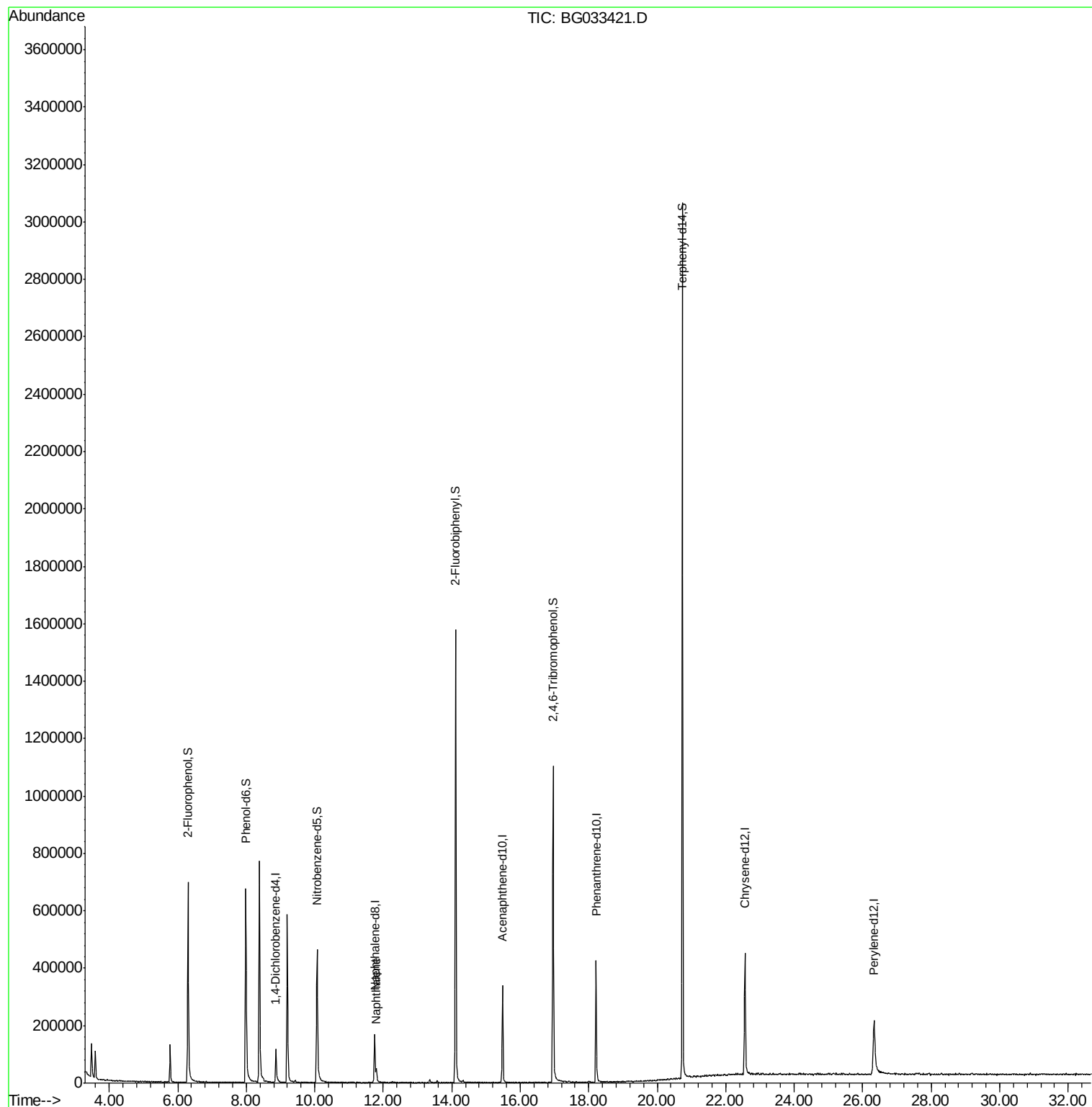
Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
Data File : BG033421.D
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Operator : SJ/JU
Sample : J2071-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

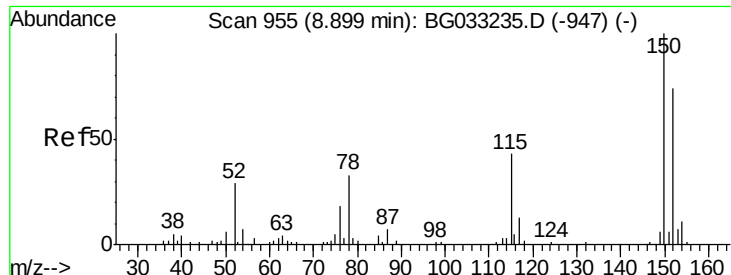
Instrument :
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#1

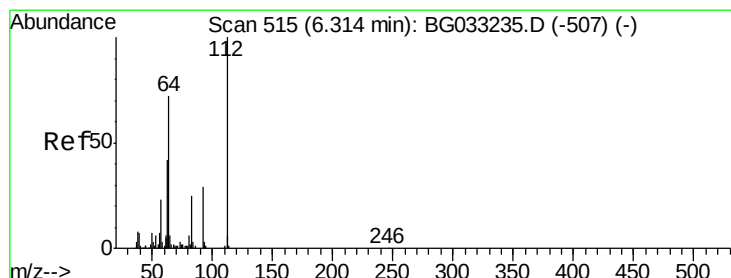
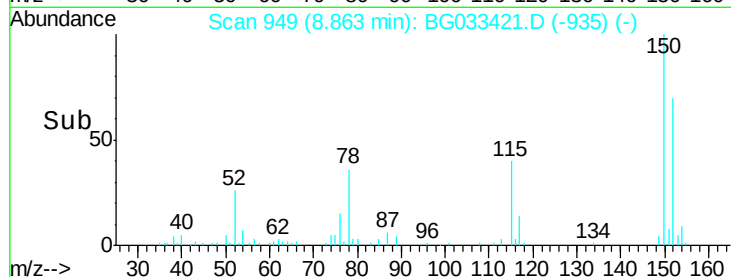
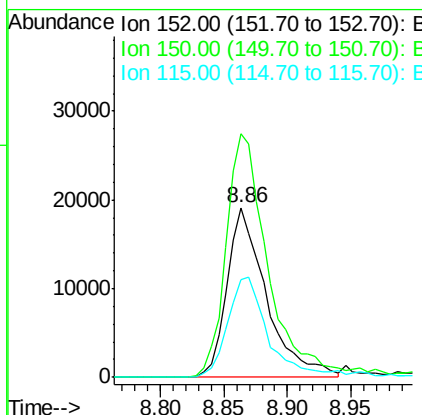
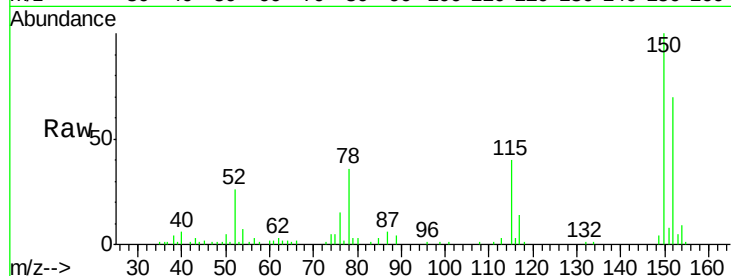
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033421.D
Acq: 29 Mar 2018 14:51

Instrument :
BNA_G
ClientSampleId :
TP-1-MH-D-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.3	126.6	189.8
115	57.5	53.0	79.4

Manual Integrations
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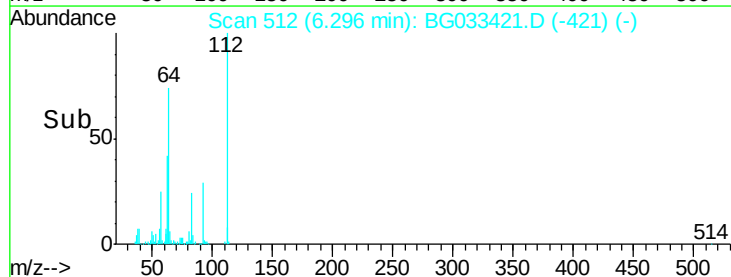
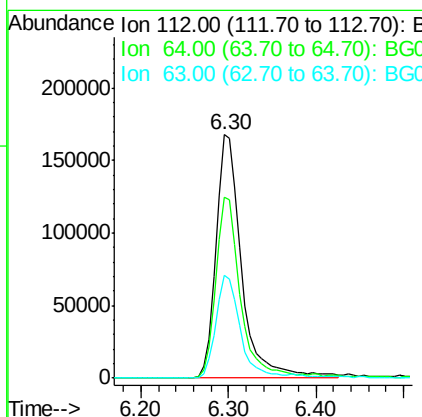
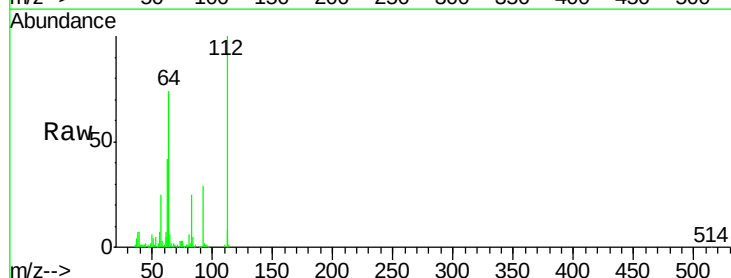
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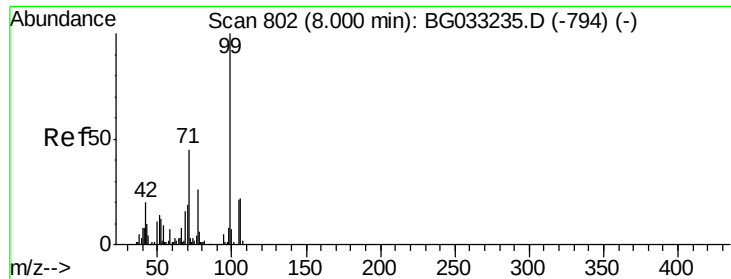


#5

2-Fluorophenol
Concen: 155.212 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033421.D
Acq: 29 Mar 2018 14:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.1	56.3	84.5
63	42.3	30.1	45.1





#7

Phenol-d6

Concen: 125.093 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033421.D

Acq: 29 Mar 2018 14:51

Instrument :

BNA_G

ClientSampled :

TP-1-MH-D-D

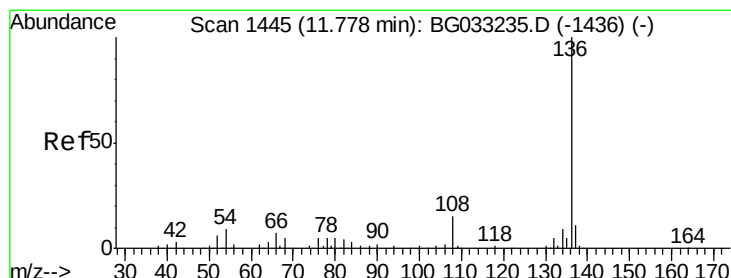
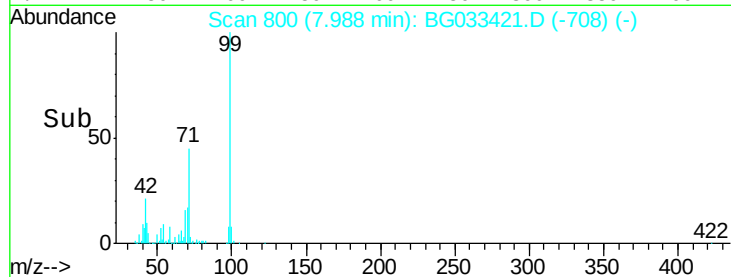
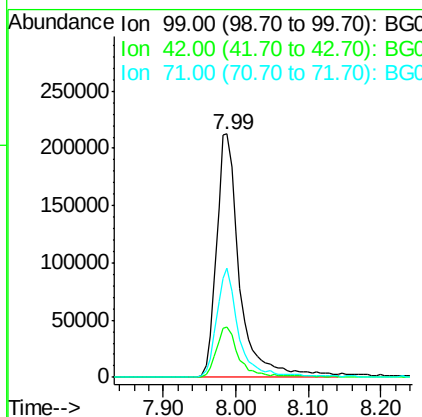
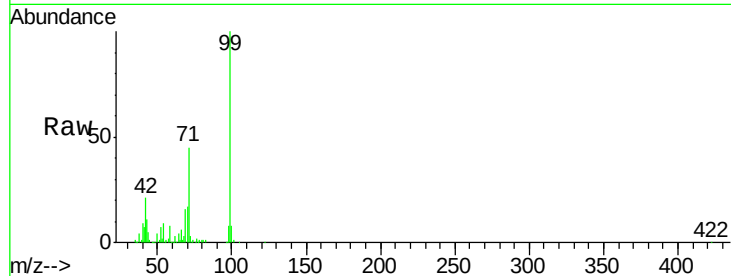
Tot Ion: 99 Resp: 472117

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.1	21.1
71	44.9	26.1	39.1#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1441

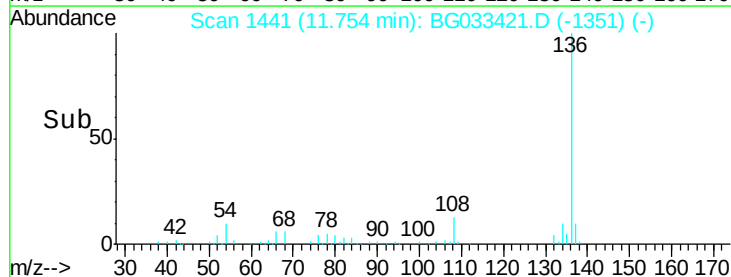
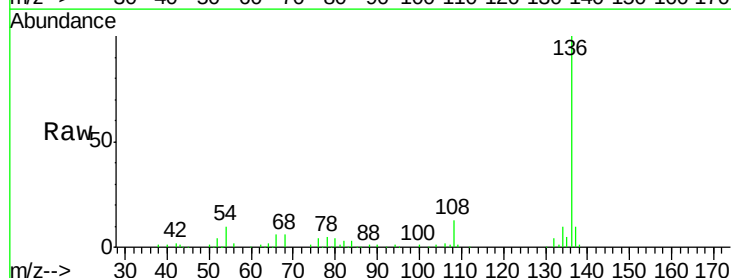
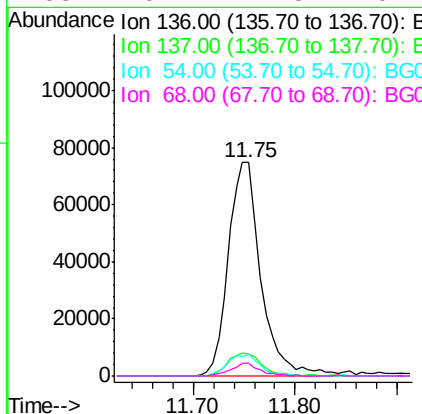
Delta R.T. -0.00 min

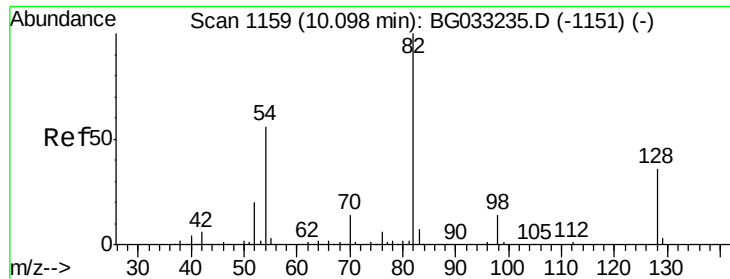
Lab File: BG033421.D

Acq: 29 Mar 2018 14:51

Tgt Ion: 136 Resp: 166392

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	10.0	10.3	15.5#
68	6.2	4.5	6.7





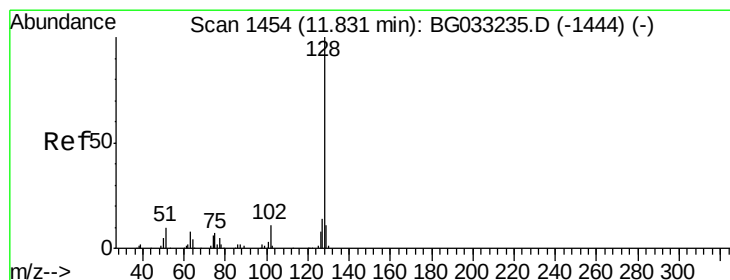
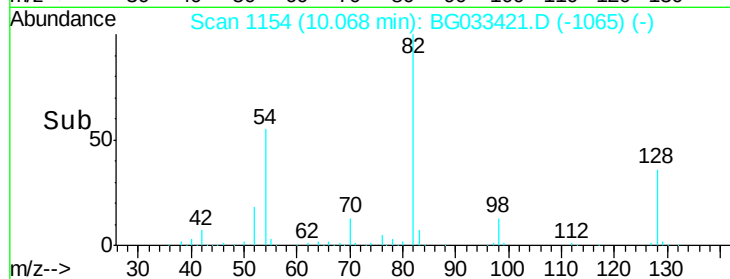
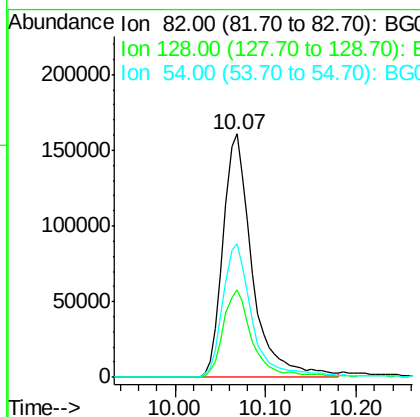
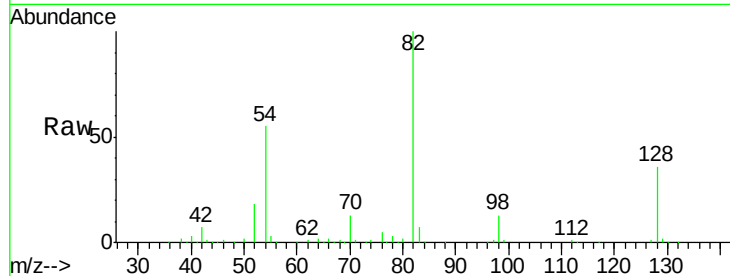
#23
Nitrobenzene-d5
Concen: 99.746 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG033421.D
Acq: 29 Mar 2018 14:51

Instrument :
BNA_G
ClientSampleId :
TP-1-MH-D-D

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.7	44.5
54	54.6	43.1	64.7

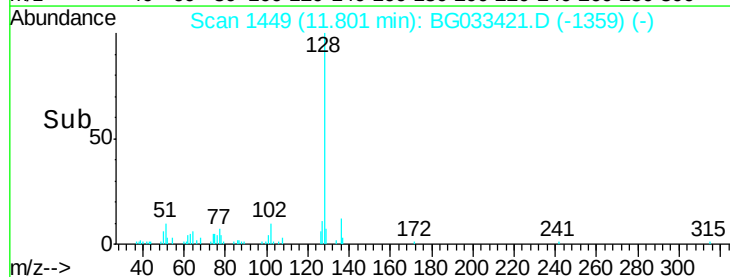
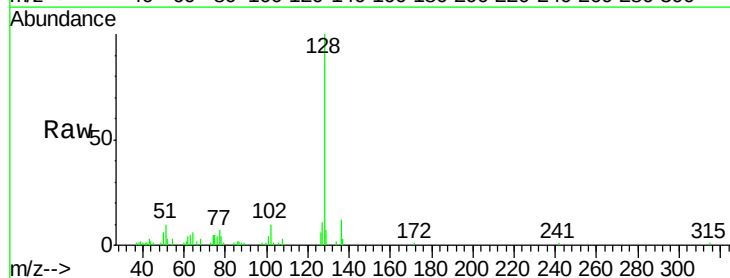
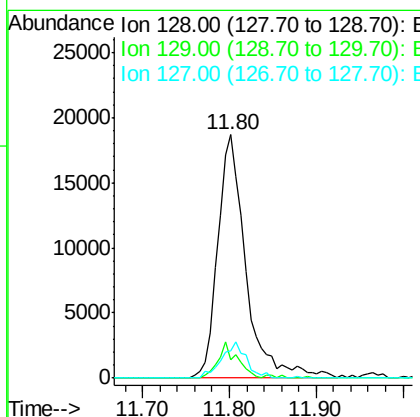
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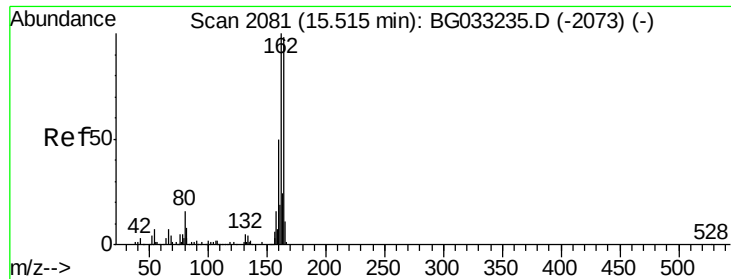
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#31
Naphthalene
Concen: 4.868 ng m
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG033421.D
Acq: 29 Mar 2018 14:51

Tgt Ion	Ratio	Lower	Upper
128	100		
129	7.3	8.6	12.8#
127	11.1	11.6	17.4#





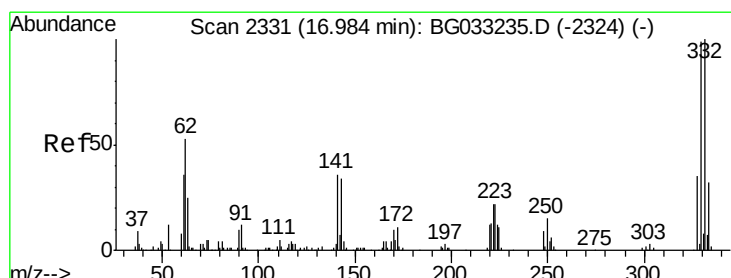
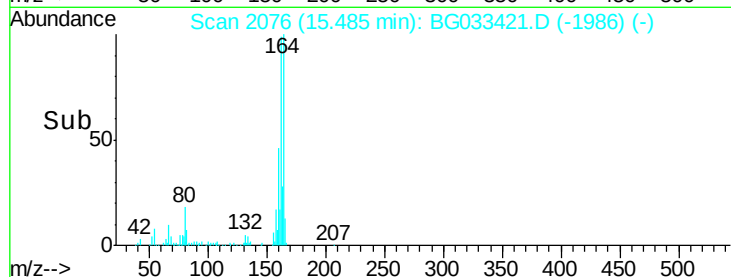
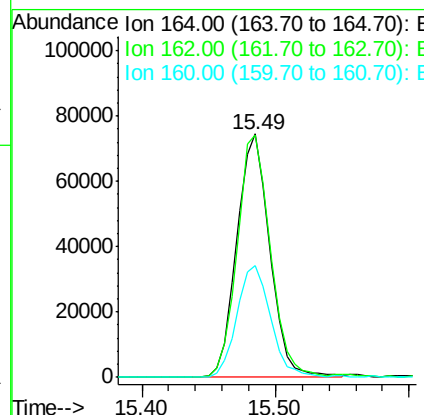
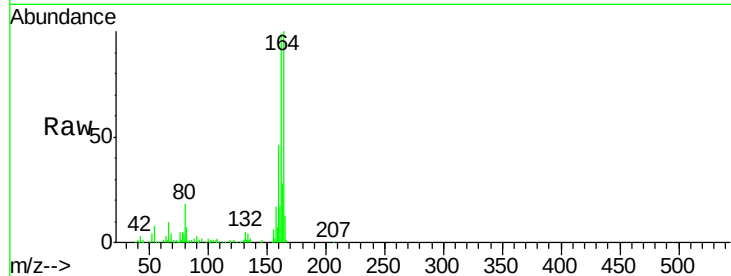
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG033421.D
Acq: 29 Mar 2018 14:51

Instrument :
BNA_G
ClientSampleId :
TP-1-MH-D-D

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.4	78.8	118.2
160	46.0	35.4	53.0

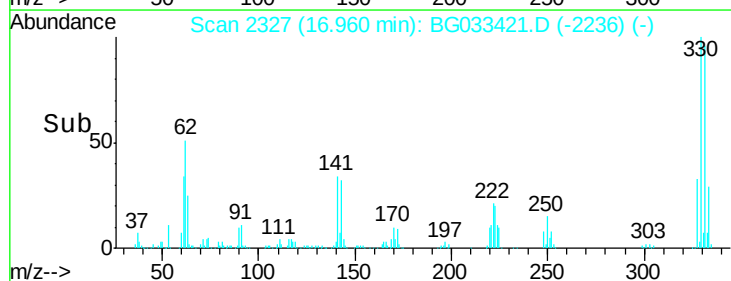
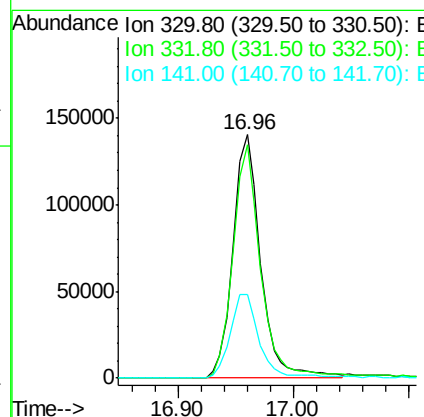
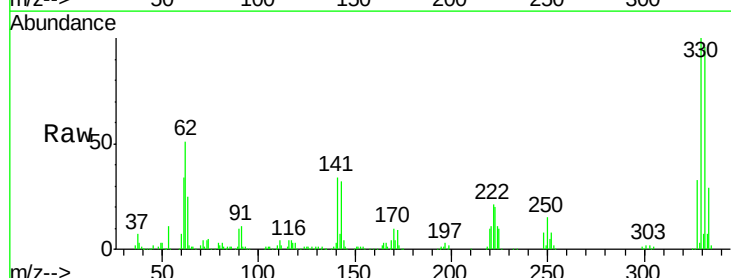
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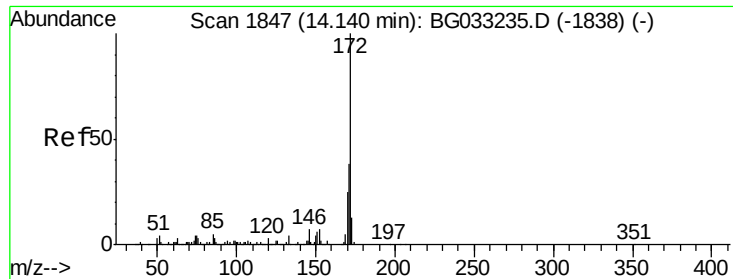
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#41
2,4,6-Tribromophenol
Concen: 122.376 ng
RT: 16.96 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG033421.D
Acq: 29 Mar 2018 14:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	36.5	25.2	37.8





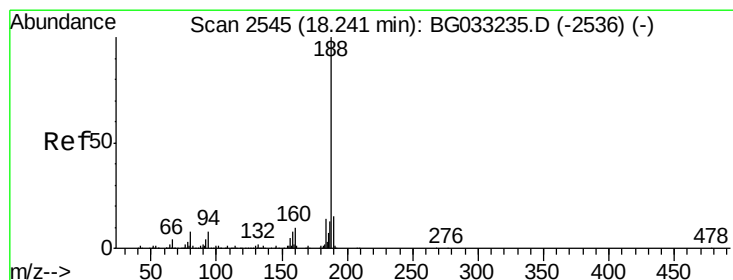
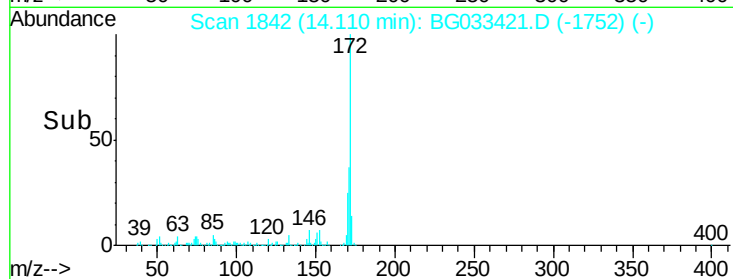
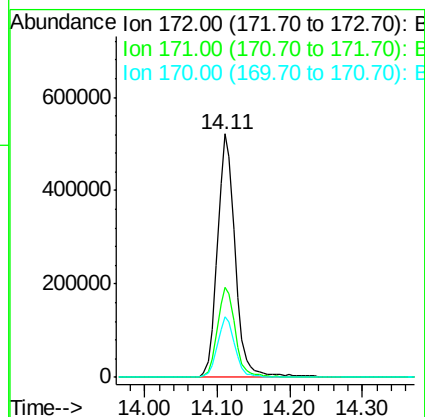
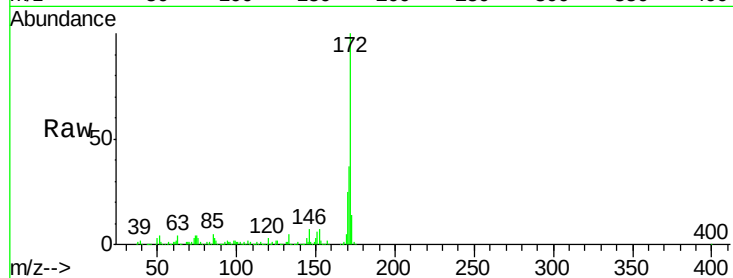
#44
 2-Fluorobiphenyl
 Concen: 100.510 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033421.D
 Acq: 29 Mar 2018 14:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-MH-D-D

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	24.8	19.5	29.3

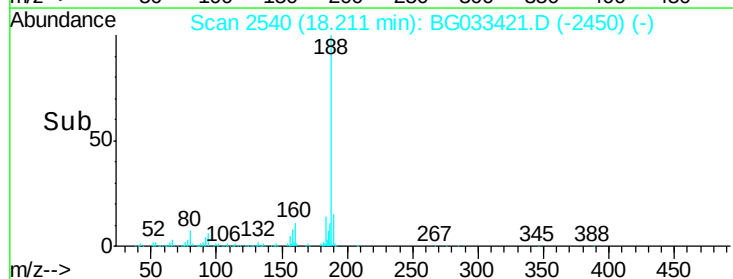
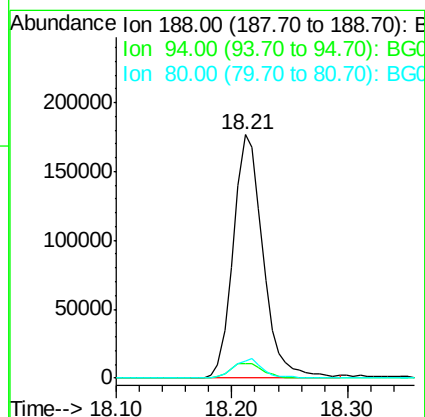
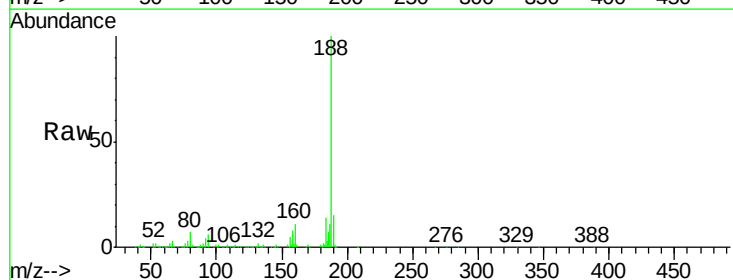
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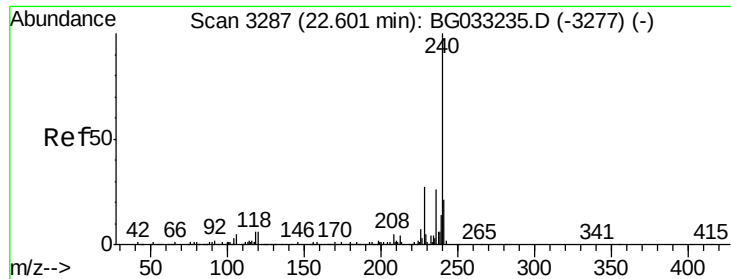
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033421.D
 Acq: 29 Mar 2018 14:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	7.2	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033421.D

Acq: 29 Mar 2018 14:51

Instrument :

BNA_G

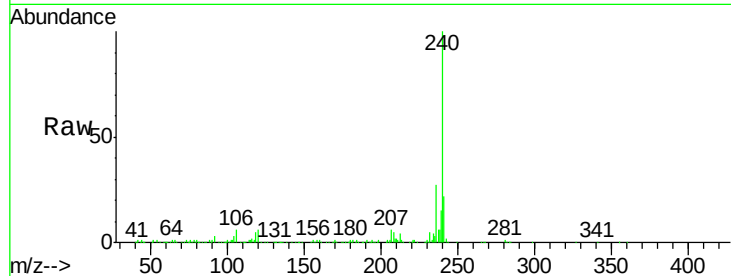
ClientSampleId :

TP-1-MH-D-D

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	26.6	20.9	31.3

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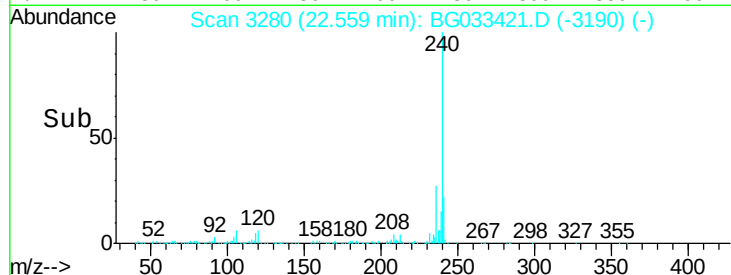
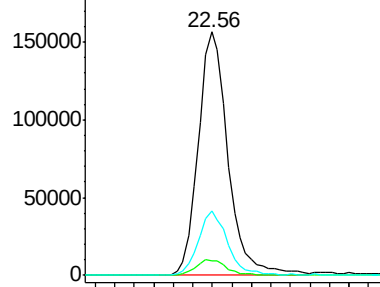


Abundance

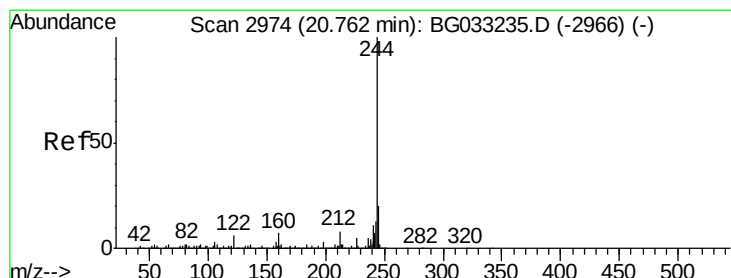
Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 102.391 ng

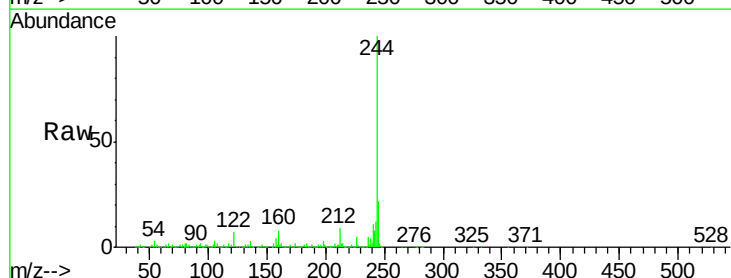
RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033421.D

Acq: 29 Mar 2018 14:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.2	7.0	10.4

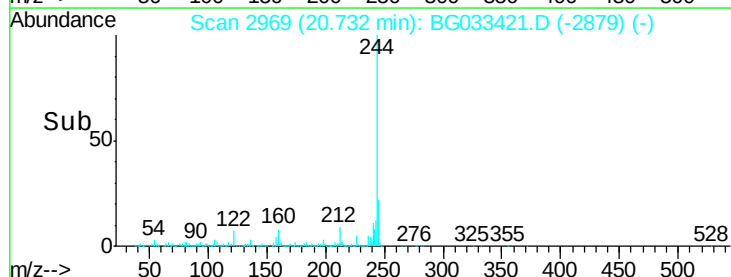
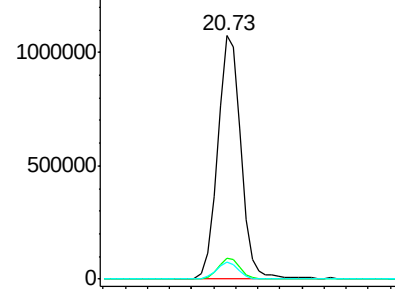


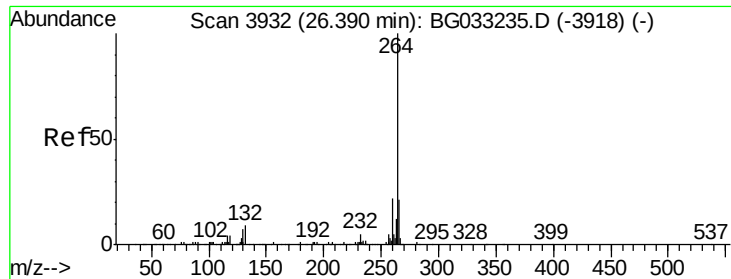
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng/ml
RT: 26.33 min Scan# 3922
Delta R.T. -0.00 min
Lab File: BG033421.D
Acq: 29 Mar 2018 14:51

Instrument :
BNA_G
ClientSampleId :
TP-1-MH-D-D

Tot Ion:	264	Resp:	344320
Ion Ratio	Lower	Upper	
264	100		
260	20.9	17.4	26.0
265	19.9	17.7	26.5

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