

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030513.D
 Acq On : 28 Oct 2017 1:21
 Operator : SJ/JU
 Sample : I6146-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-102517-B

Manual Integrations
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Sohil
 10/30/2017 6:22:59 PM

Quant Time: Oct 28 02:35:42 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	72770	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	330576	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	221797	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	527452	20.00	ng	0.00
75) Chrysene-d12	21.79	240	566257	20.00	ng	0.00
86) Perylene-d12	25.11	264	546579	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	552333	126.80	ng	0.00
7) Phenol-d6	7.32	99	667058	109.10	ng	0.00
23) Nitrobenzene-d5	9.33	82	509165	97.88	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	325467	113.66	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1261660	83.43	ng	0.00
78) Terphenyl-d14	20.11	244	2129754	85.56	ng	0.00
Target Compounds						
31) Naphthalene	11.04	128	71100	4.316	ng	95
37) 2-Methylnaphthalene	12.63	142	32577	2.713	ng	95
54) Dibenzofuran	15.18	168	46878	2.319	ng	96
70) Phenanthrene	17.56	178	66224	2.430	ng	98

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

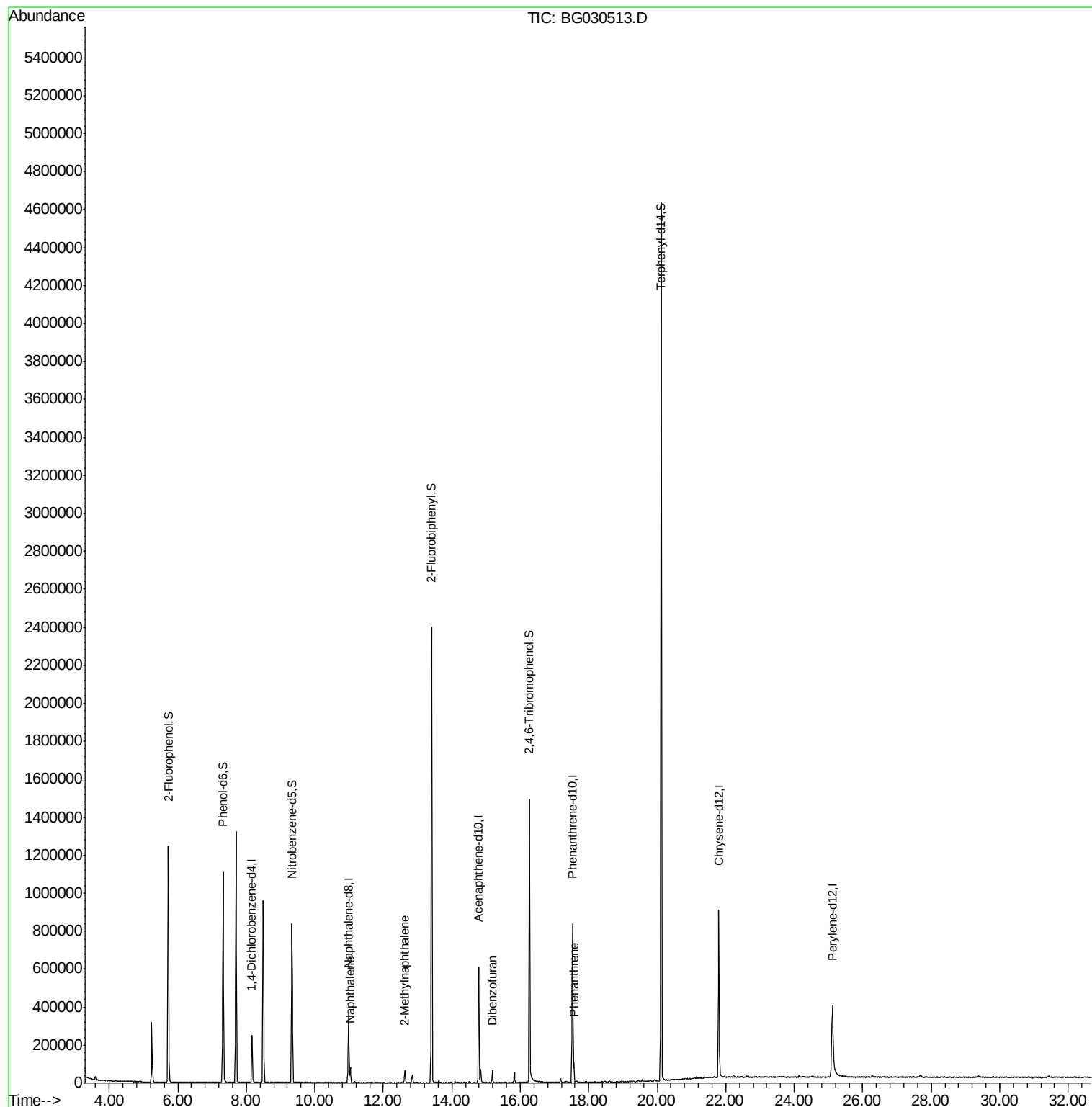
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
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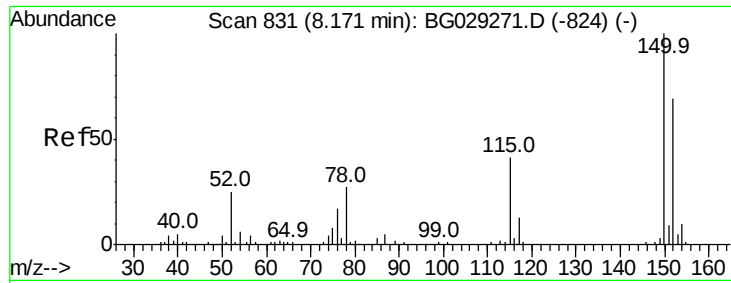
Instrument :
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AU-06-102517-B

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#1

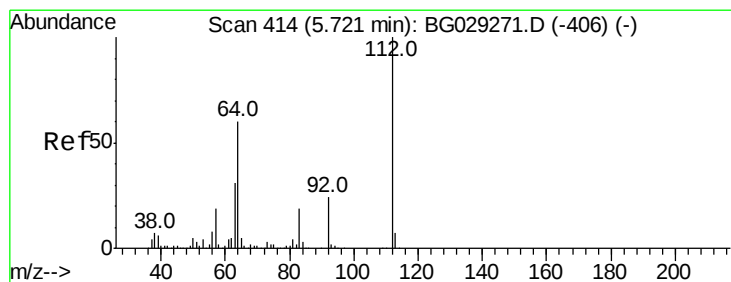
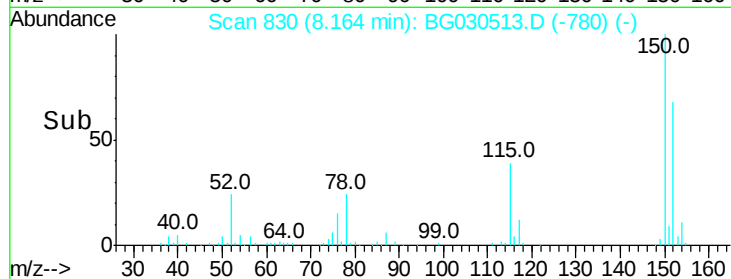
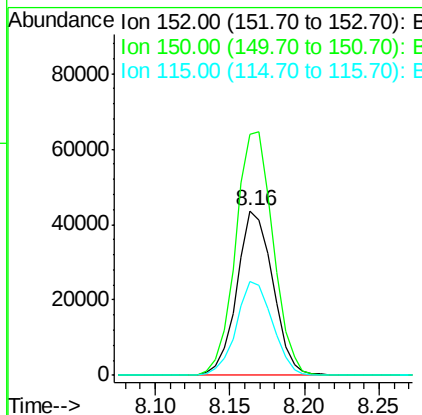
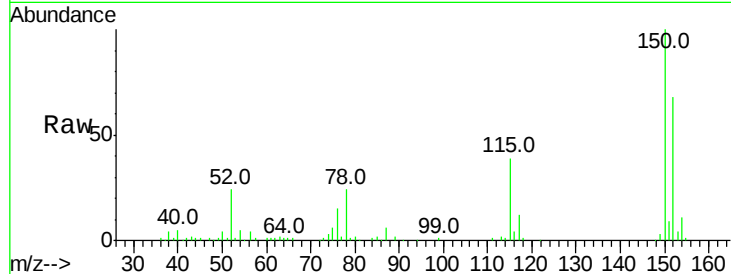
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :
AU-06-102517-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.4	126.6	189.8
115	57.1	53.0	79.4

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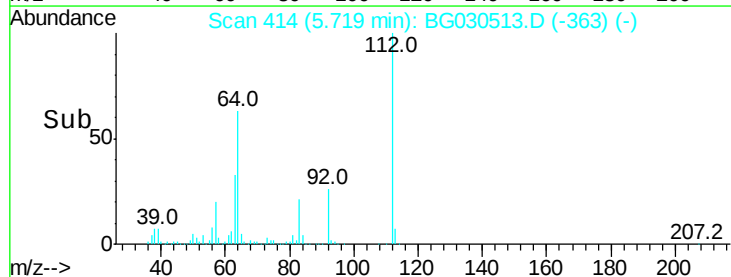
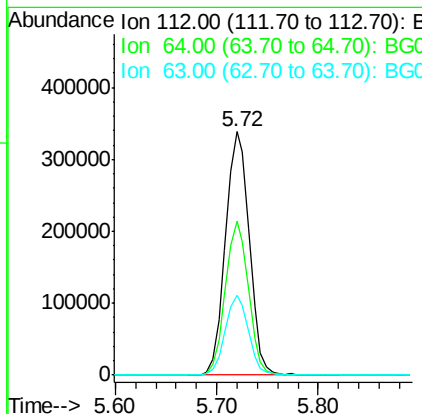
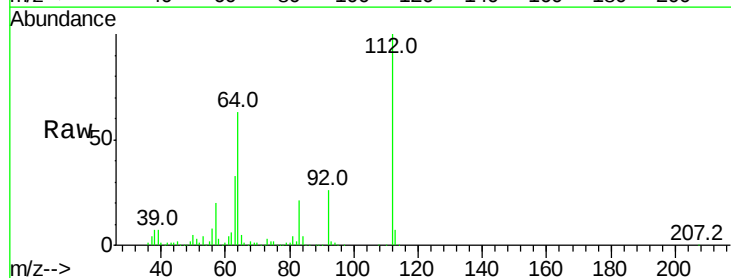
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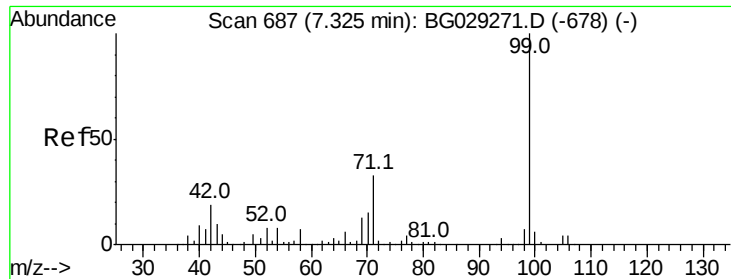


#5

2-Fluorophenol
Concen: 126.797 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	56.3	84.5
63	32.8	30.1	45.1





#7

Phenol-d6

Concen: 109.096 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG030513.D

Acq: 28 Oct 2017 1:21

Instrument :

BNA_G

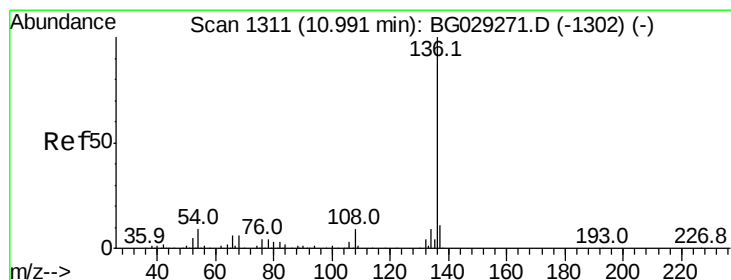
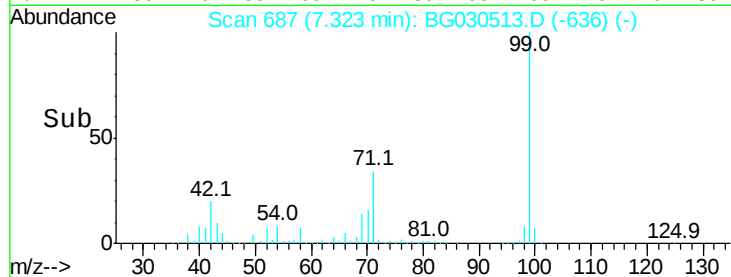
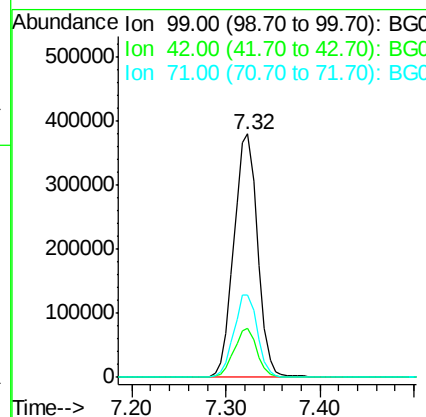
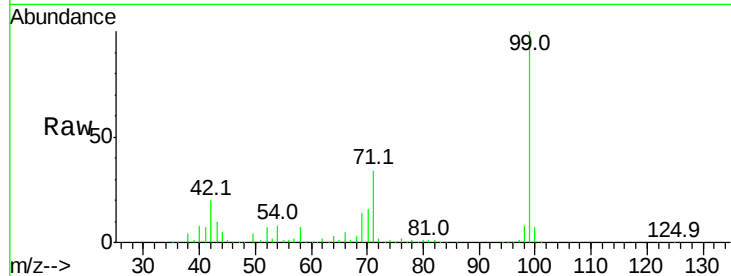
ClientSampleId :

AU-06-102517-B

Tot Ion:	99	Resp:	667058
Ion Ratio	Lower	Upper	
99	100		
42	20.1	14.1	21.1
71	33.7	26.1	39.1

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#21

Naphthalene-d8

Concen: 20.000 ng

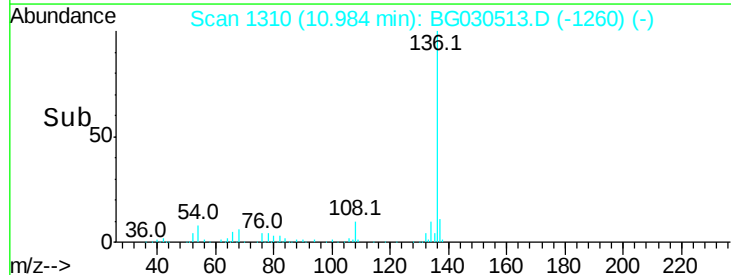
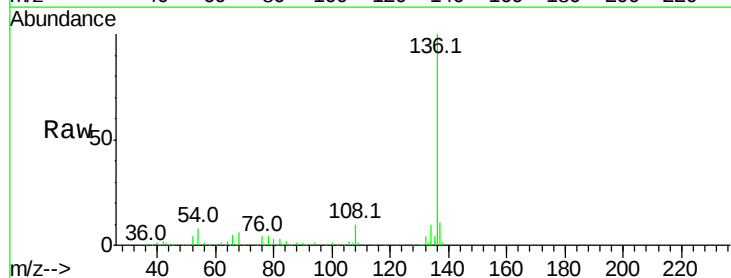
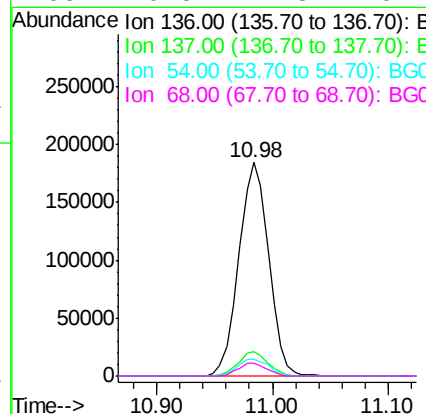
RT: 10.98 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG030513.D

Acq: 28 Oct 2017 1:21

Tgt Ion:	136	Resp:	330576
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.2	13.8
54	7.9	10.3	15.5#
68	6.3	4.5	6.7





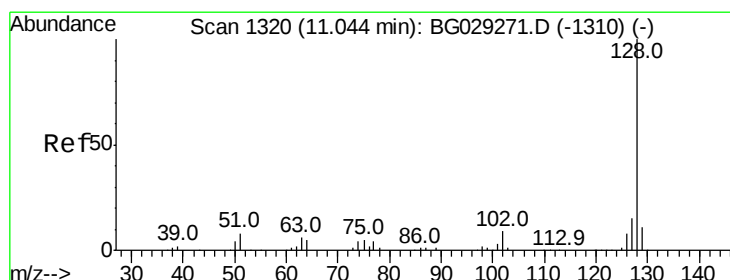
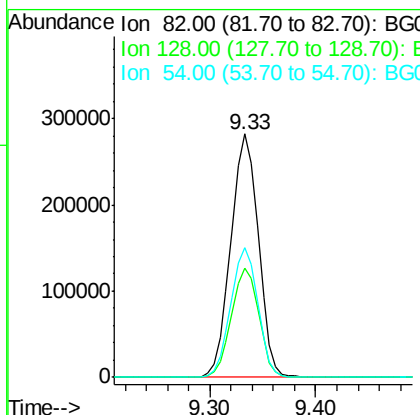
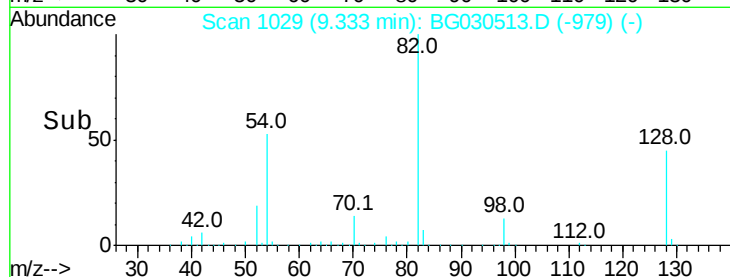
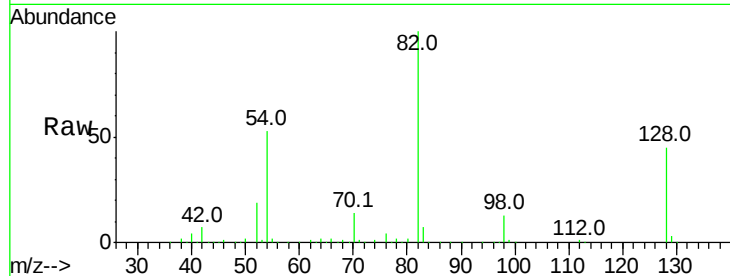
#23
Nitrobenzene-d5
Concen: 97.878 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :
AU-06-102517-B

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.1	29.7	44.5#	
54	53.4	43.1	64.7	

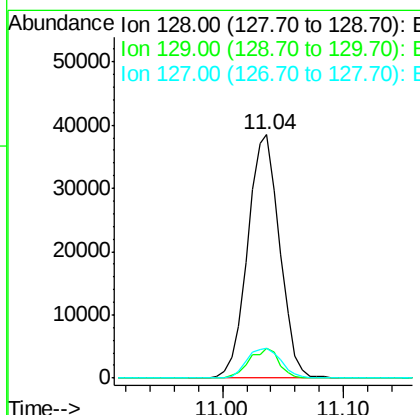
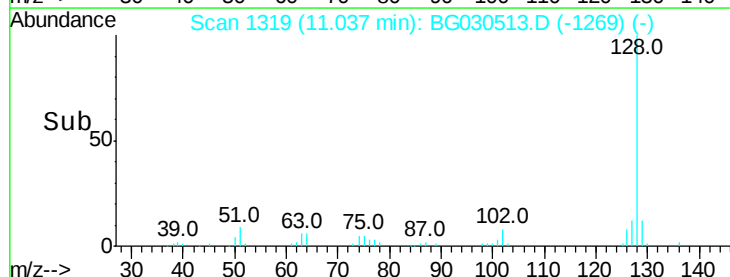
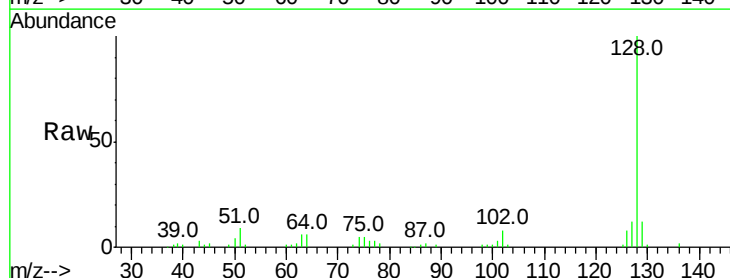
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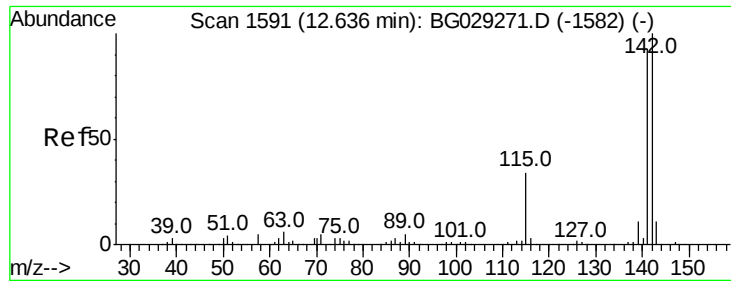
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#31
Naphthalene
Concen: 4.316 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	12.3	8.6	12.8	
127	12.3	11.6	17.4	





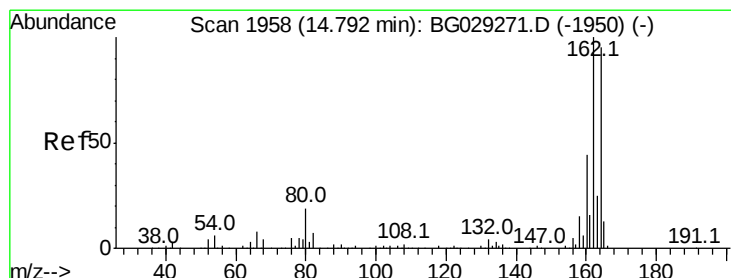
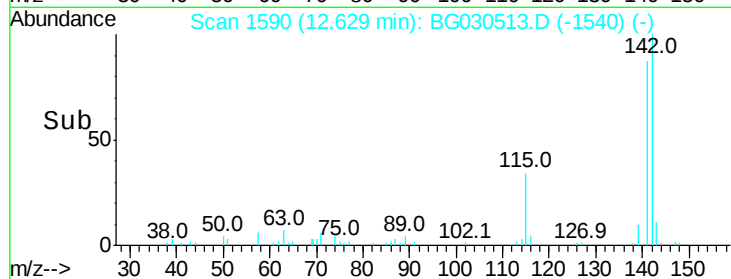
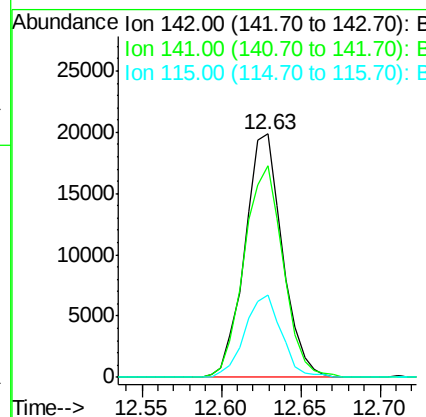
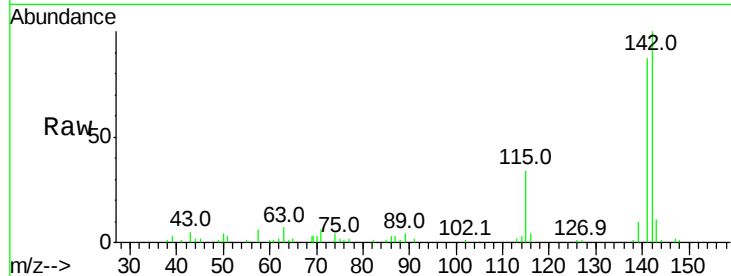
#37
 2-Methylnaphthalene
 Concen: 2.713 ng
 RT: 12.63 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BG030513.D
 Acq: 28 Oct 2017 1:21

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-102517-B

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	67.1	100.7
115	33.9	30.7	46.1

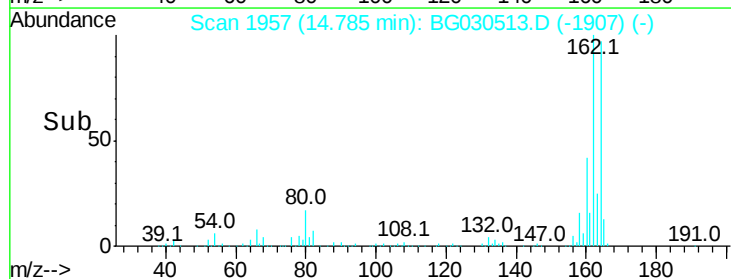
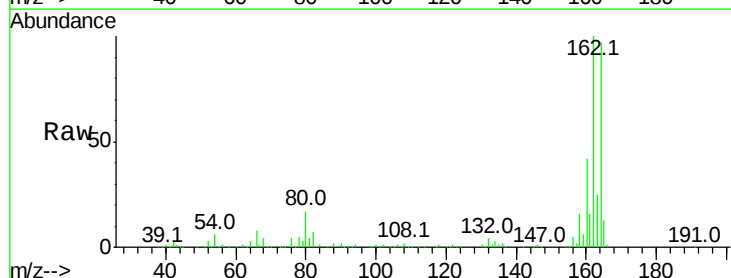
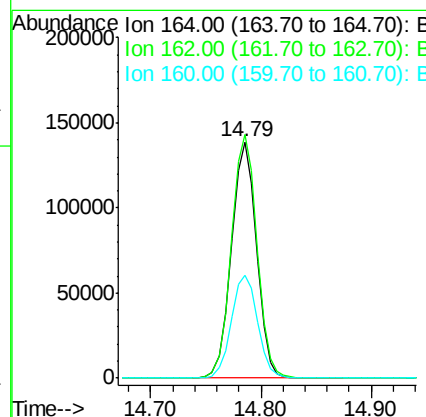
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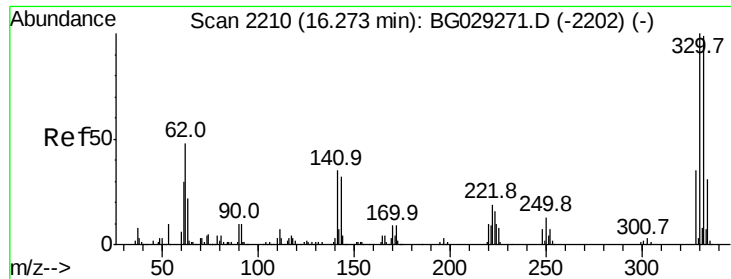
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG030513.D
 Acq: 28 Oct 2017 1:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	43.6	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 113.656 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG030513.D

Acq: 28 Oct 2017 1:21

Instrument :

BNA_G

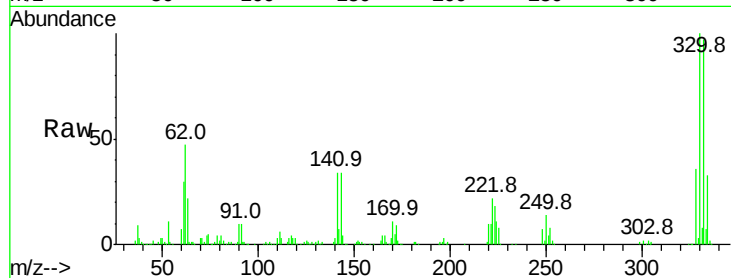
ClientSampleId :

AU-06-102517-B

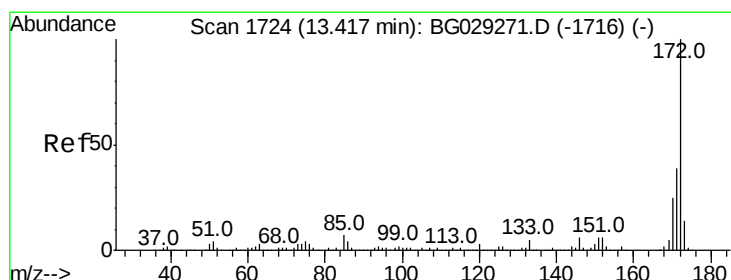
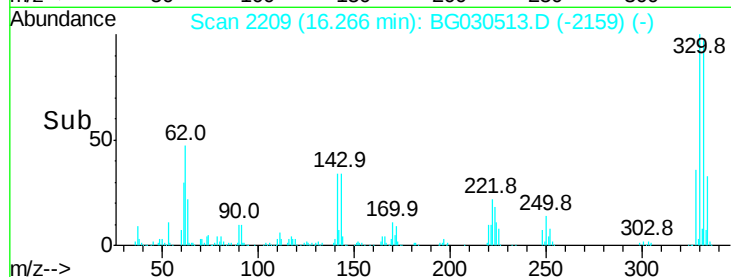
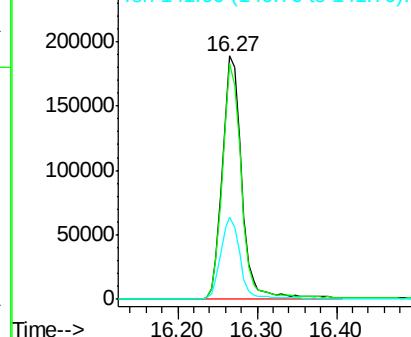
Tot Ion:	330	Resp:	325467
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.0	115.6
141	33.3	25.2	37.8

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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: 83.429 ng

RT: 13.41 min Scan# 1723

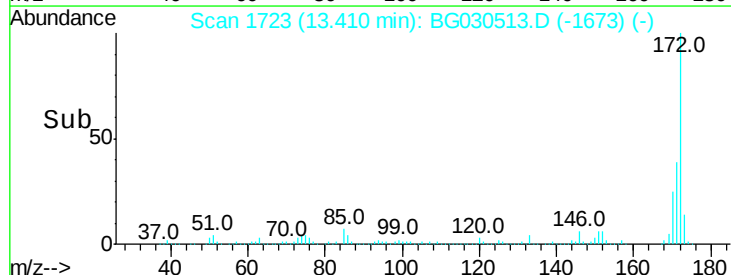
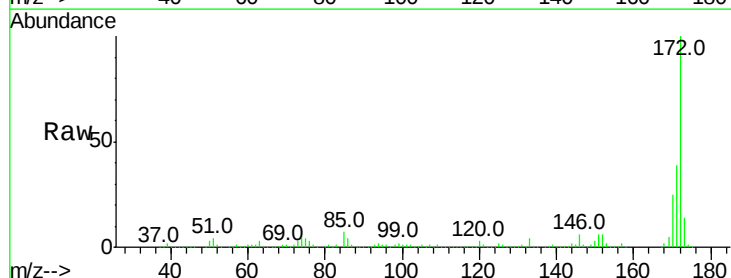
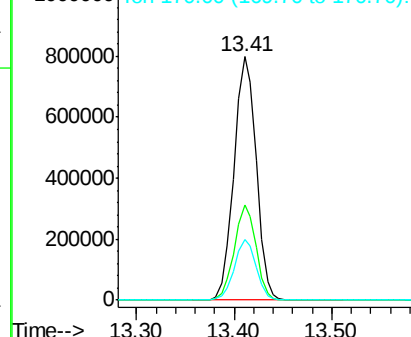
Delta R.T. -0.01 min

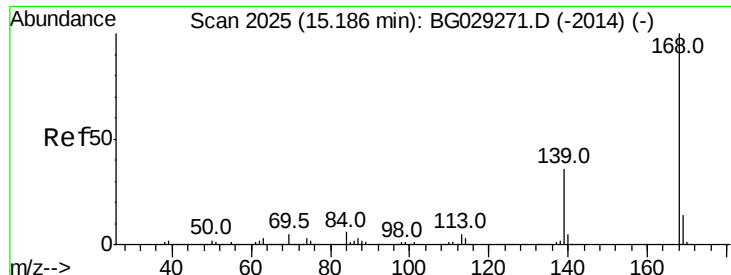
Lab File: BG030513.D

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Tgt Ion:	172	Resp:	1261660
Ion Ratio	Lower	Upper	
172	100		
171	39.0	30.0	45.0
170	24.9	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





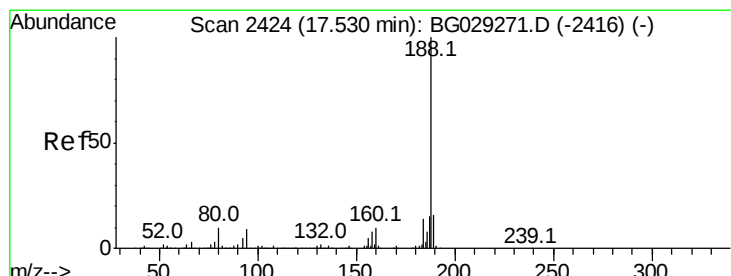
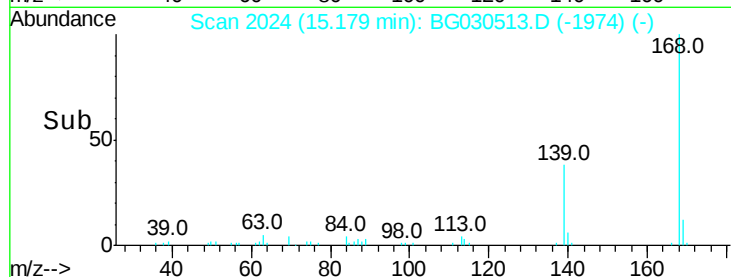
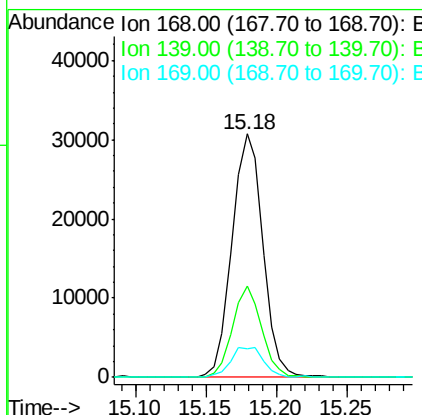
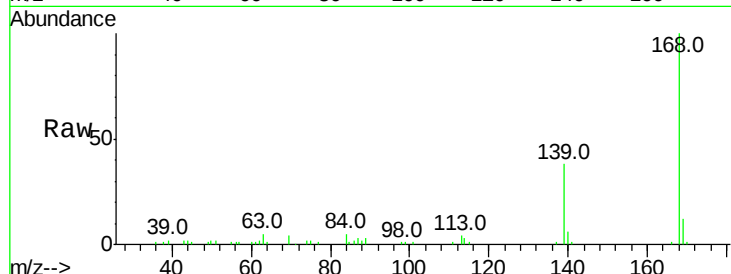
#54
Dibenzenofuran
Concen: 2.319 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :
AU-06-102517-B

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	28.6	43.0
169	11.6	11.2	16.8

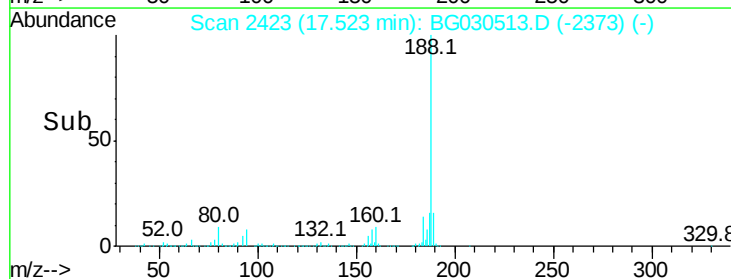
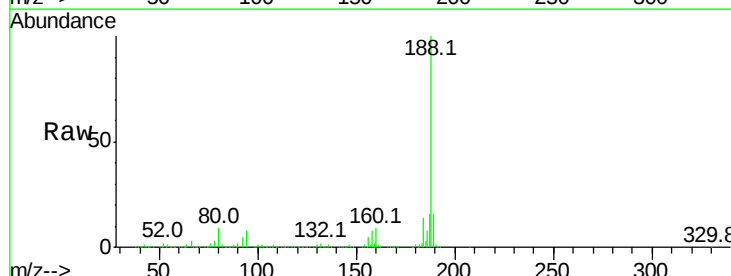
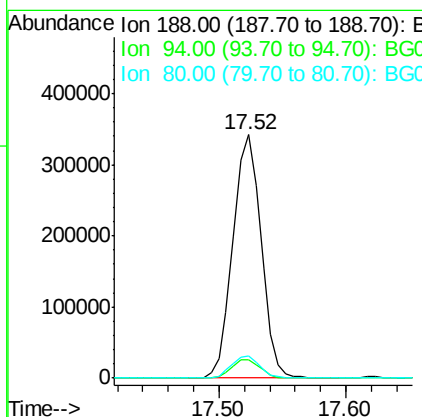
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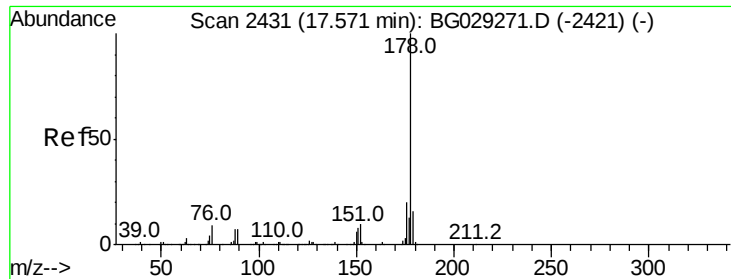
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	9.0	7.7	11.5





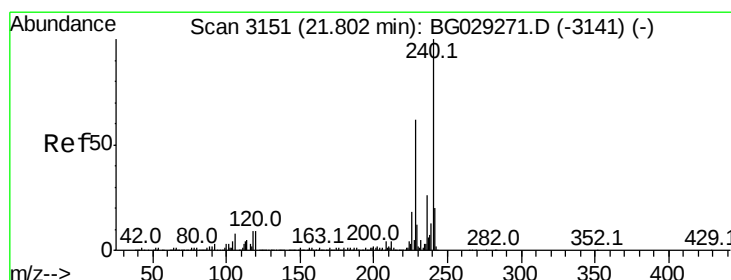
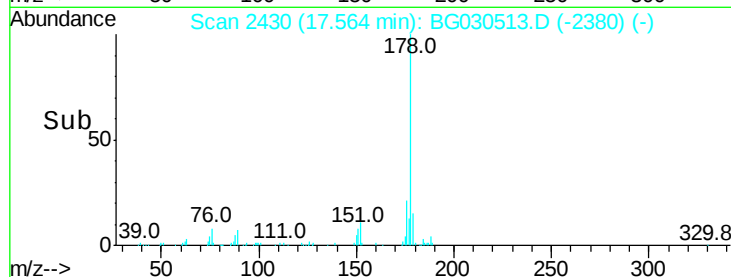
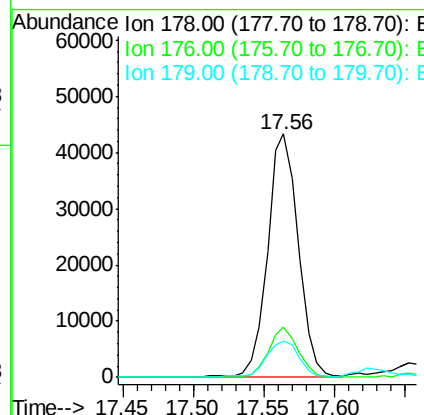
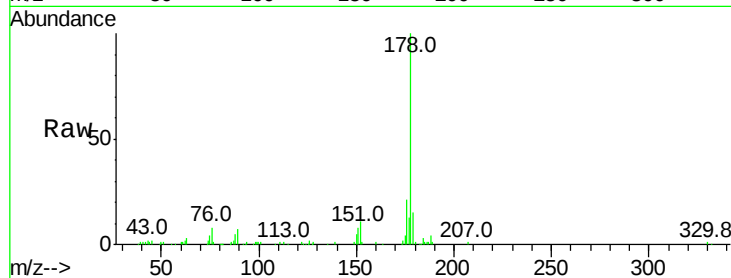
#70
Phenanthrene
Concen: 2.430 ng
RT: 17.56 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :
AU-06-102517-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.7	23.5
179	15.0	12.5	18.7

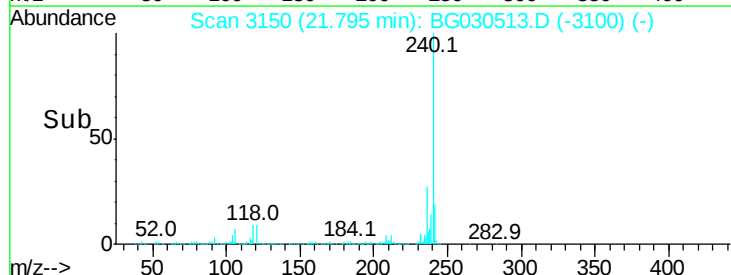
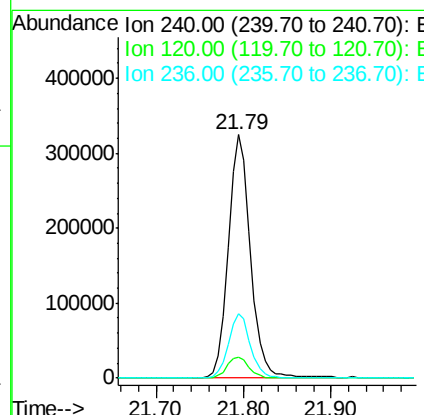
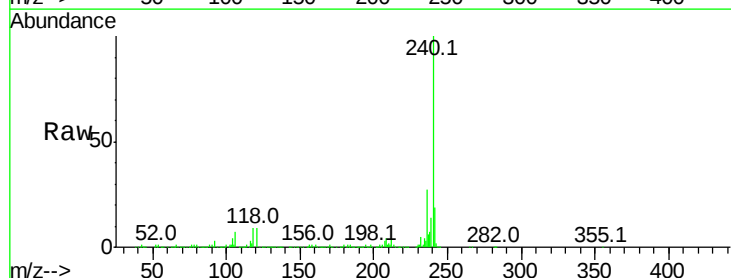
Manual Integrations
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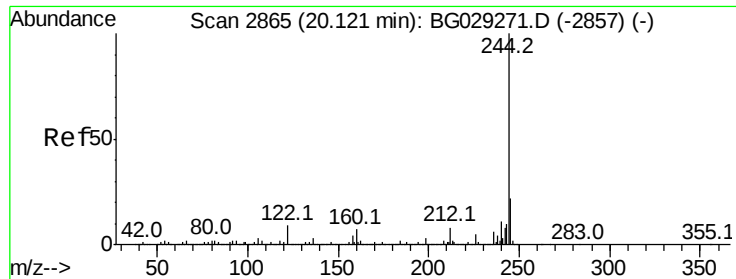
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG030513.D
Acq: 28 Oct 2017 1:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.8	10.2
236	26.7	20.9	31.3





#78

Terphenyl-d14

Concen: 85.563 ng

RT: 20.11 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG030513.D

Acq: 28 Oct 2017 1:21

Instrument :

BNA_G

ClientSampleId :

AU-06-102517-B

Tot Ion:244 Resp: 2129754

Ion Ratio Lower Upper

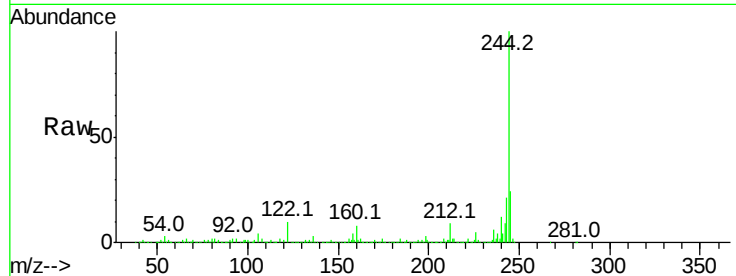
244 100

212 8.8 5.8 8.8#

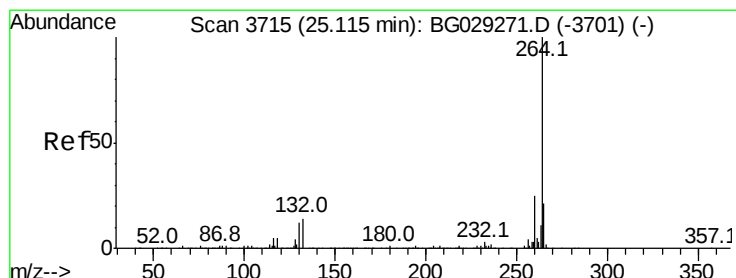
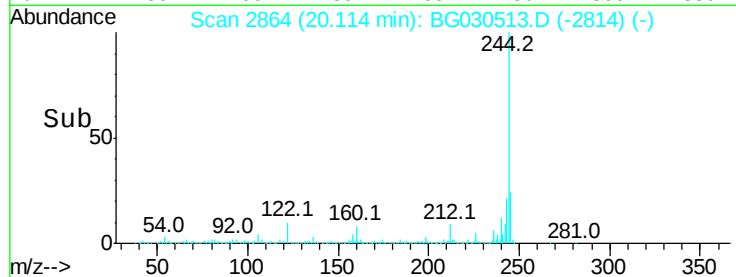
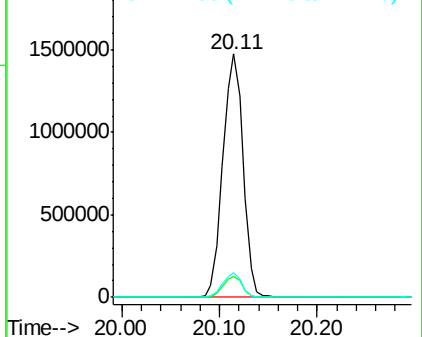
122 10.2 7.0 10.4

Manual Integrations
APPROVED

Sohil
10/30/2017 6:22:59 PM



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

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3715

Delta R.T. -0.00 min

Lab File: BG030513.D

Acq: 28 Oct 2017 1:21

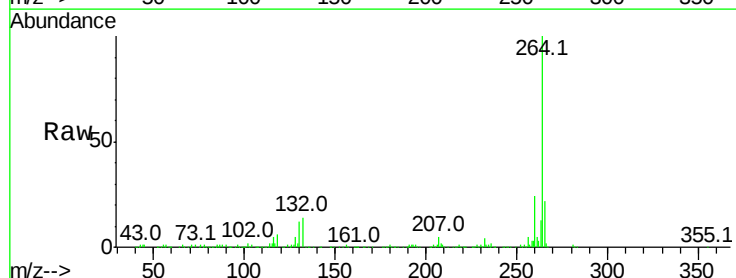
Tgt Ion:264 Resp: 546579

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 21.6 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

