

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035972.D
 Acq On : 30 Jul 2018 12:27
 Operator : JU/SJ
 Sample : J4161-02 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OIL

Manual Integrations
 APPROVED

Sohil
 7/31/2018 12:20:44 PM

Quant Time: Jul 30 13:14:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37212	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	142172	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	102286	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	241802	20.00	ng	0.00
75) Chrysene-d12	21.65	240	273445	20.00	ng	0.00
86) Perylene-d12	24.85	264	274547	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1657	0.74	ng	0.01
7) Phenol-d6	7.23	99	2524m	0.75	ng	0.03
23) Nitrobenzene-d5	9.23	82	511	0.15	ng	0.05
41) 2,4,6-Tribromophenol	16.16	330	152	0.11	ng	0.02
44) 2-Fluorobiphenyl	13.27	172	8028	1.05	ng	0.00
78) Terphenyl-d14	20.00	244	13397	1.08	ng	0.00

Target Compounds Qvalue

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

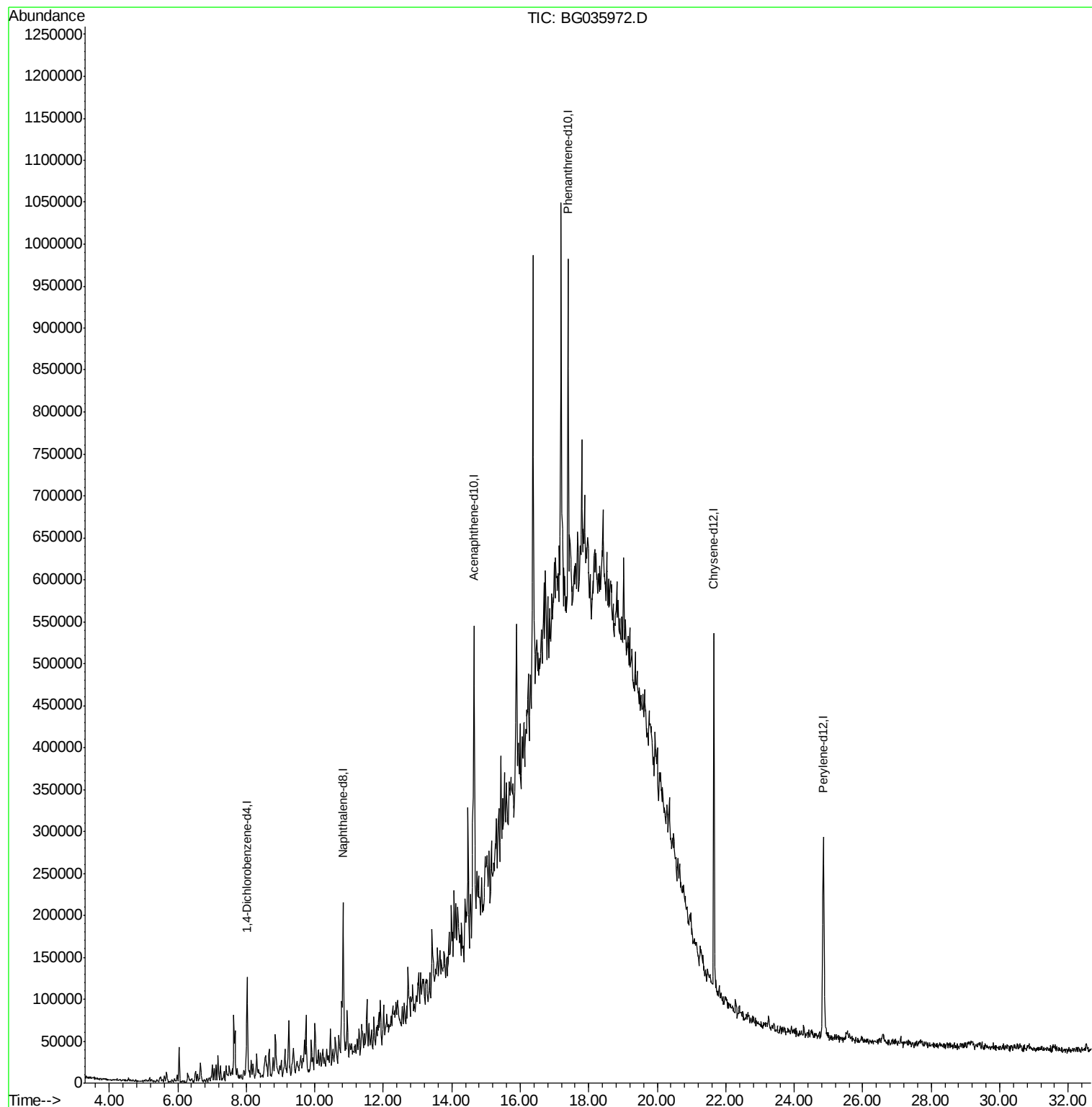
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
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#1

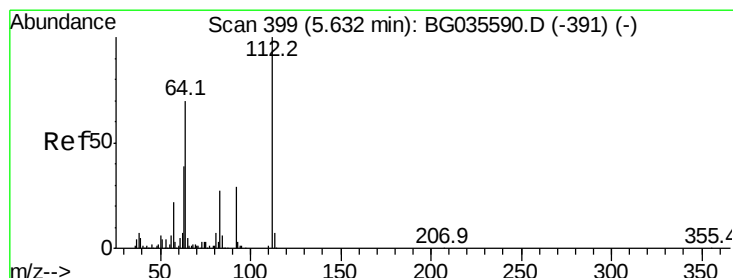
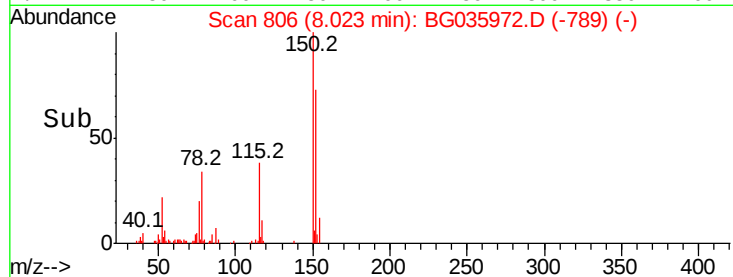
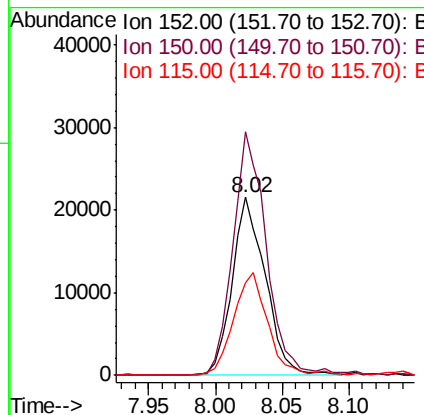
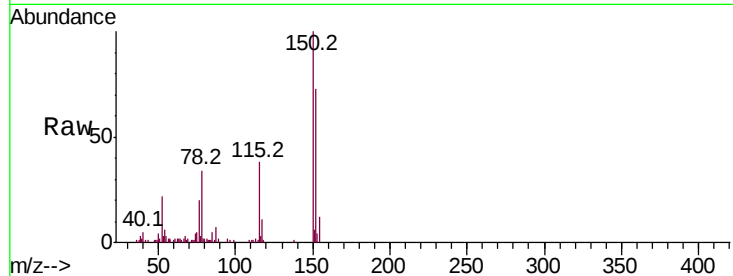
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035972.D
Acq: 30 Jul 2018 12:27

Instrument :
BNA_G
ClientSampled :
OIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.7	126.6	189.8
115	52.0	53.0	79.4#

Manual Integrations
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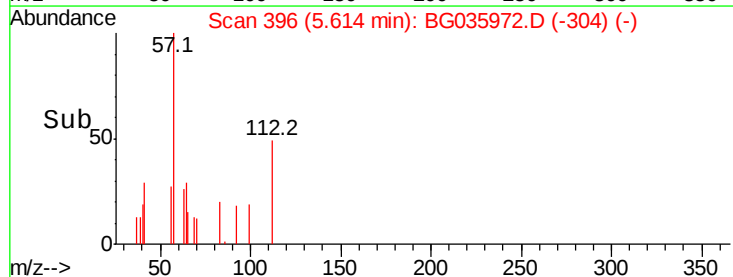
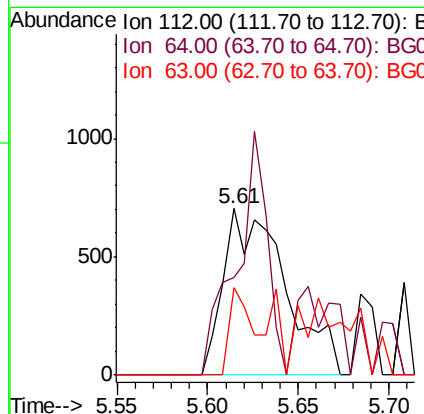
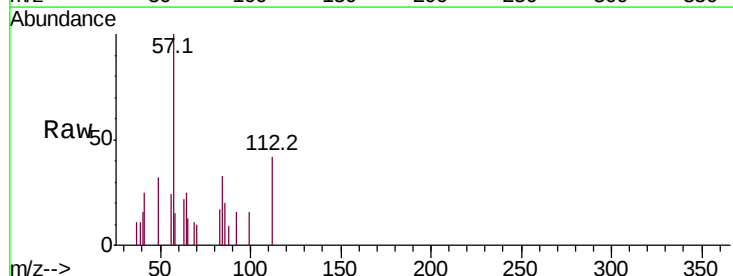
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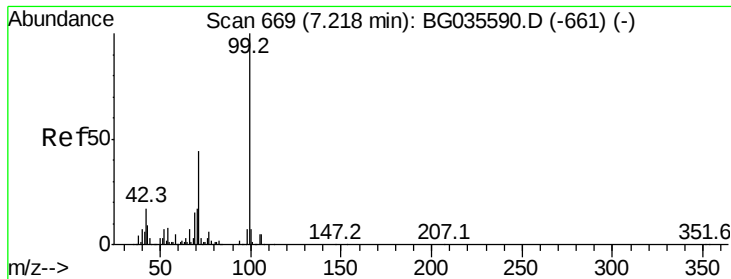


#5

2-Fluorophenol
Concen: 0.739 ng
RT: 5.61 min Scan# 396
Delta R.T. 0.01 min
Lab File: BG035972.D
Acq: 30 Jul 2018 12:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	56.3	84.5
63	52.8	30.1	45.1#





#7

Phenol-d6

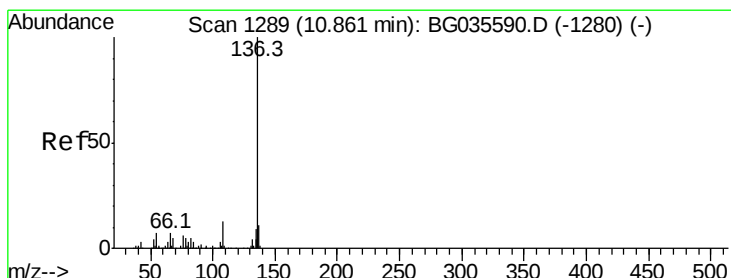
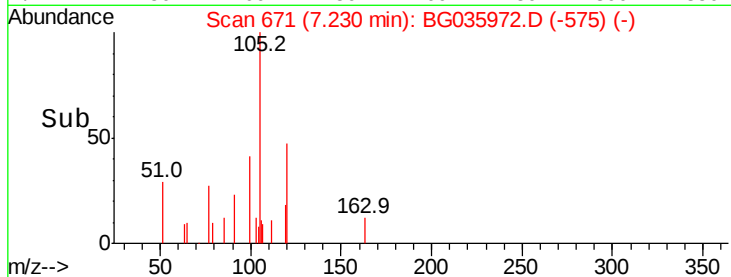
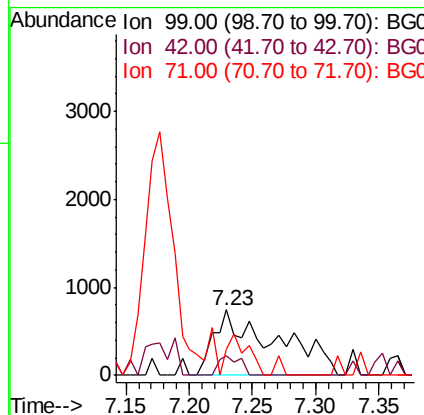
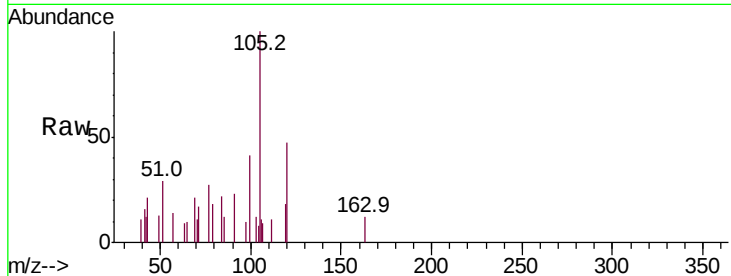
Concen: 0.755 ng m
RT: 7.23 min Scan# 671
Delta R.T. 0.03 min
Lab File: BG035972.D
Acq: 30 Jul 2018 12:27

Instrument :
BNA_G
ClientSampleId :
OIL

Tot Ion	Ratio	Lower	Upper
99	100		
42	29.6	14.1	21.1#
71	40.6	26.1	39.1#

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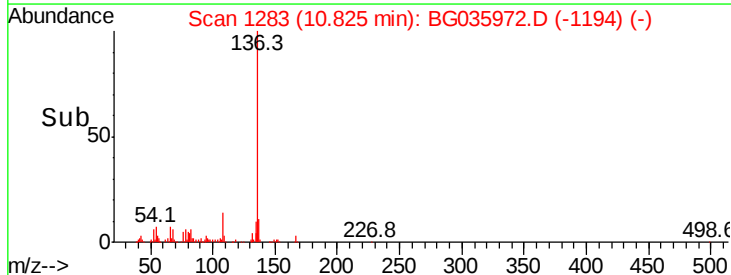
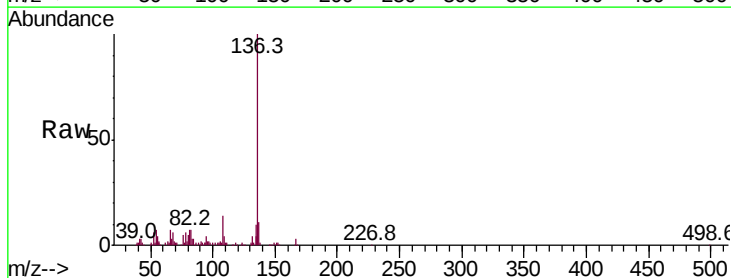
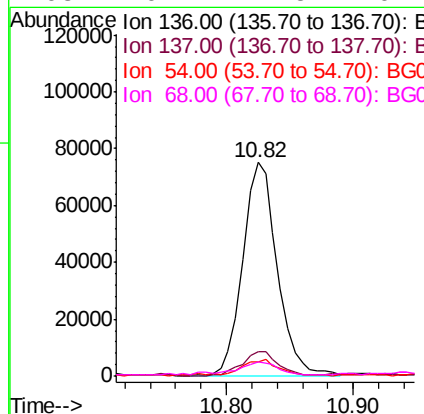


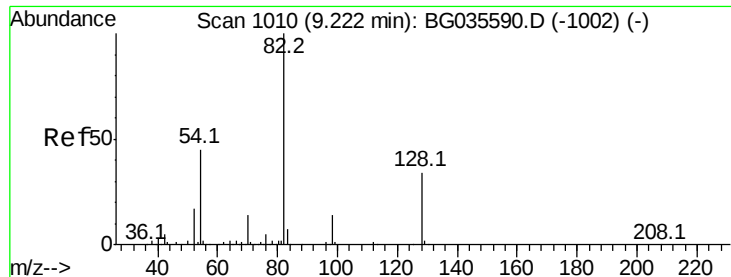
#21

Naphthalene-d8

Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG035972.D
Acq: 30 Jul 2018 12:27

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.8	10.3	15.5#
68	6.4	4.5	6.7





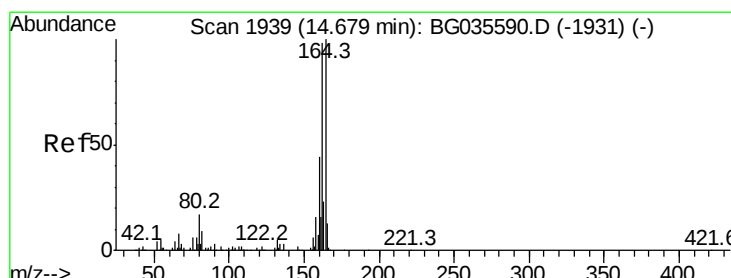
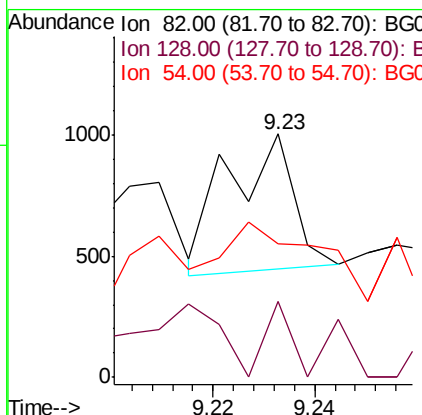
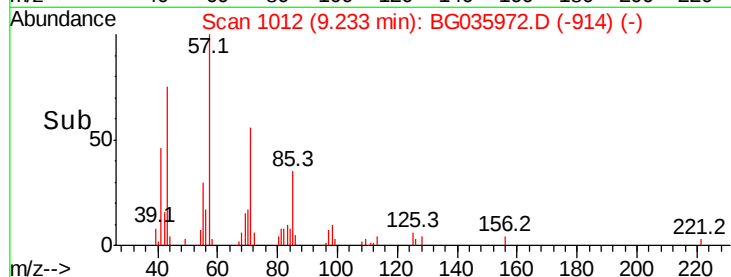
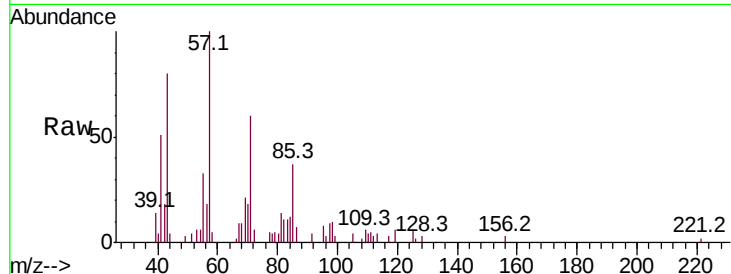
#23
Nitrobenzene-d5
Concen: 0.150 ng
RT: 9.23 min Scan# 1012
Delta R.T. 0.05 min
Lab File: BG035972.D
Acq: 30 Jul 2018 12:27

Instrument :
BNA_G
ClientSampled :
OIL

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.1	29.7	44.5
54	54.8	43.1	64.7

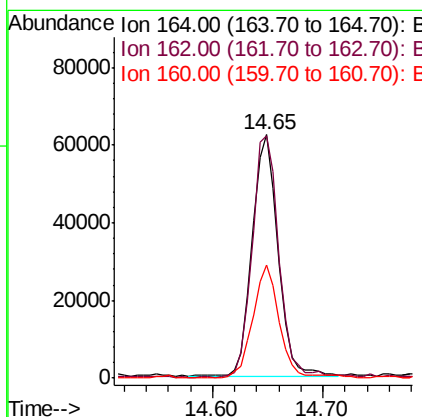
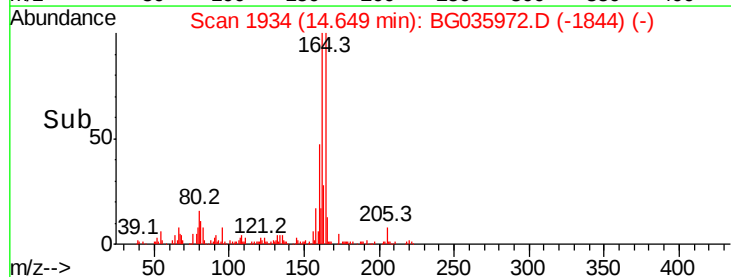
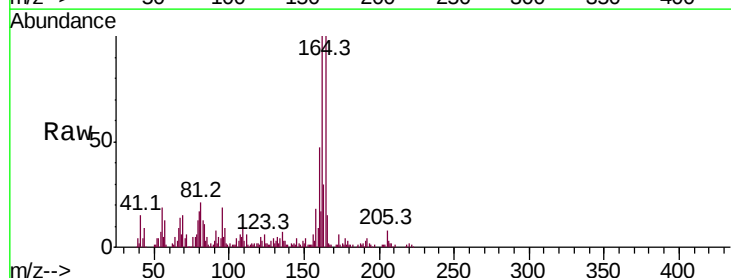
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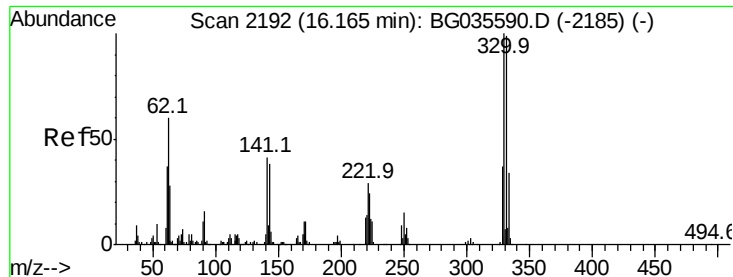
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035972.D
Acq: 30 Jul 2018 12:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	78.8	118.2
160	46.6	35.4	53.0





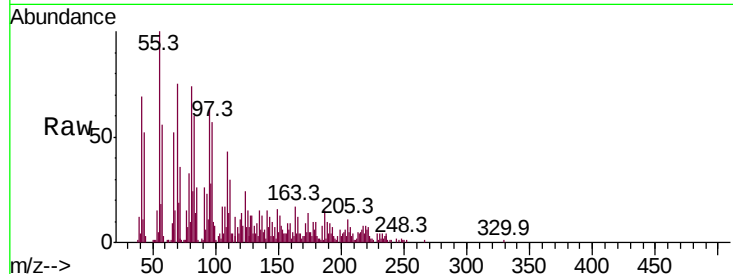
#41
2,4,6-Tribromophenol
Concen: 0.113 ng
RT: 16.16 min Scan# 2191
Delta R.T. 0.02 min
Lab File: BG035972.D
Acq: 30 Jul 2018 12:27

Instrument :
BNA_G
ClientSampleId :
OIL

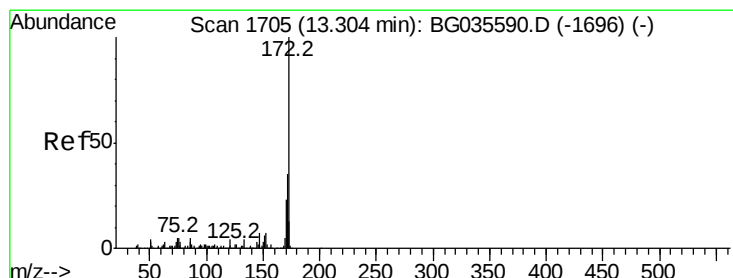
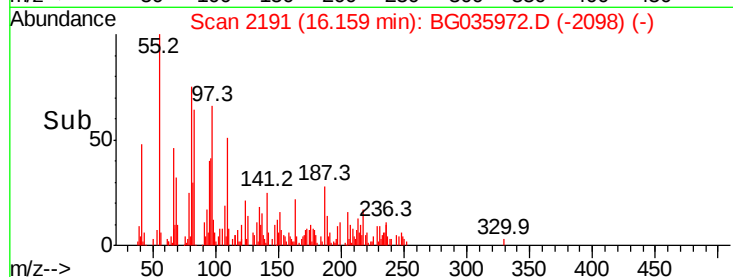
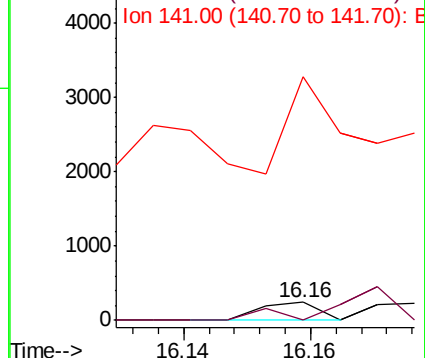
Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	77.0	115.6#
141	736.2	25.2	37.8#

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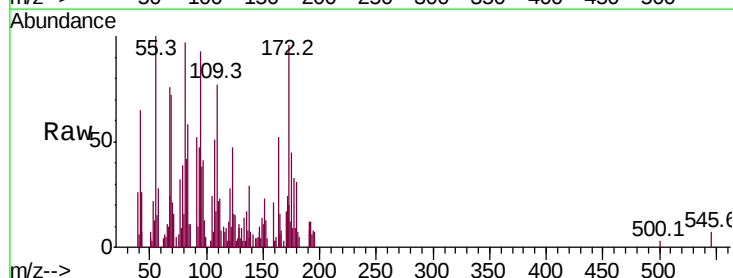


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

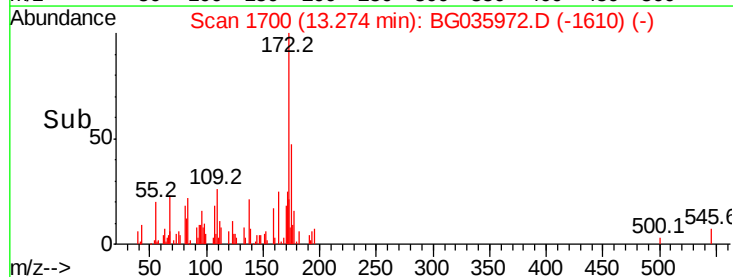
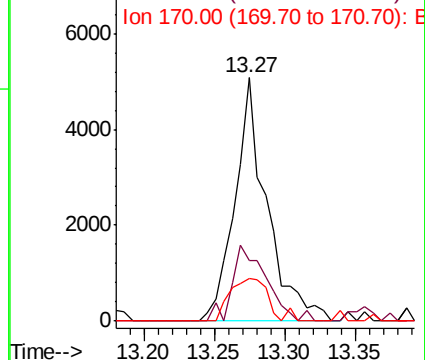


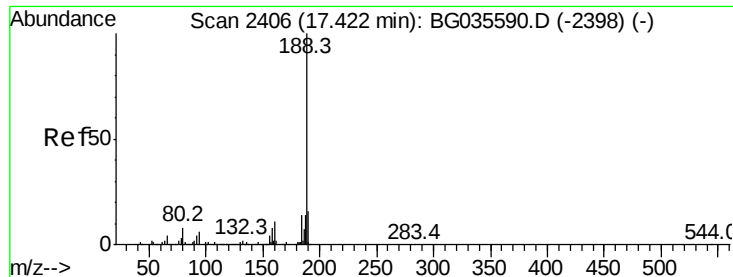
#44
2-Fluorobiphenyl
Concen: 1.052 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035972.D
Acq: 30 Jul 2018 12:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	25.1	30.0	45.0#
170	17.7	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





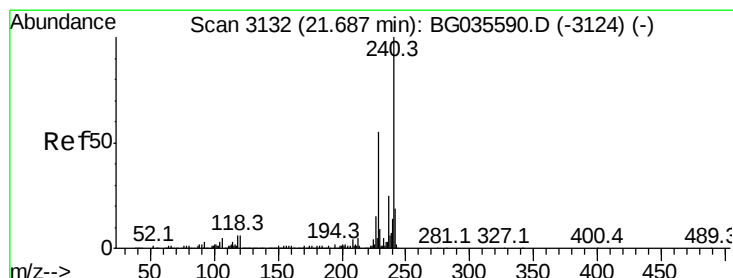
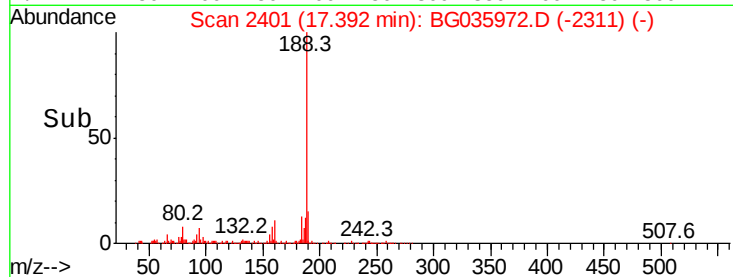
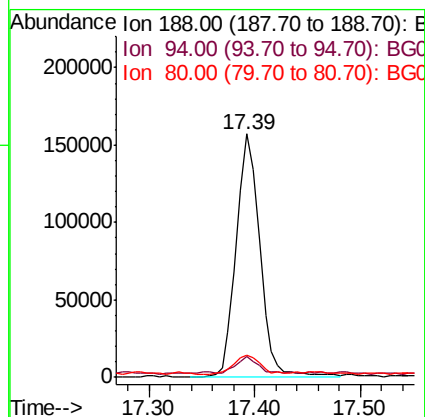
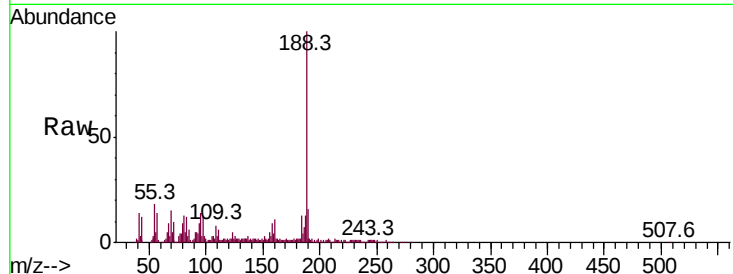
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035972.D
Acq: 30 Jul 2018 12:27

Instrument :
BNA_G
ClientSampleId :
OIL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.5	6.9	10.3
80	9.3	7.7	11.5

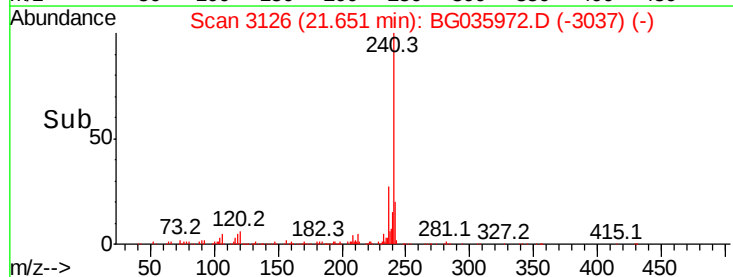
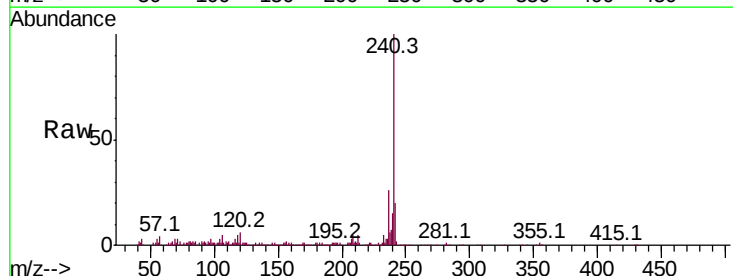
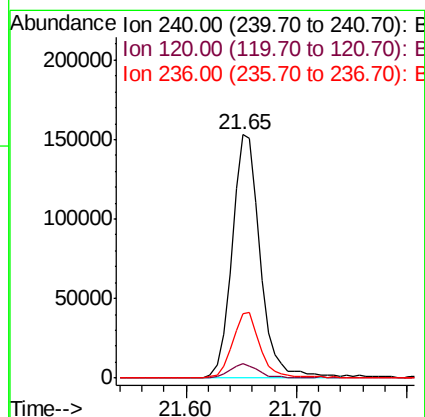
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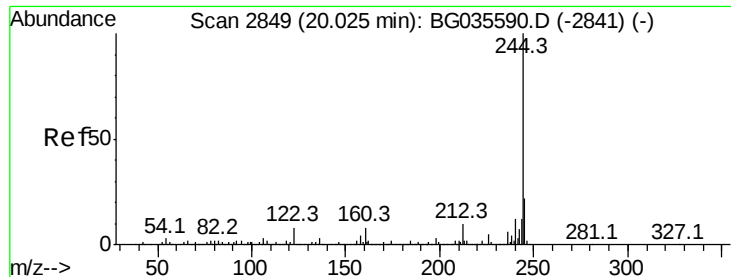
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG035972.D
Acq: 30 Jul 2018 12:27

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	26.5	20.9	31.3





#78

Terphenyl-d14

Concen: 1.080 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035972.D

Acq: 30 Jul 2018 12:27

Instrument :

BNA_G

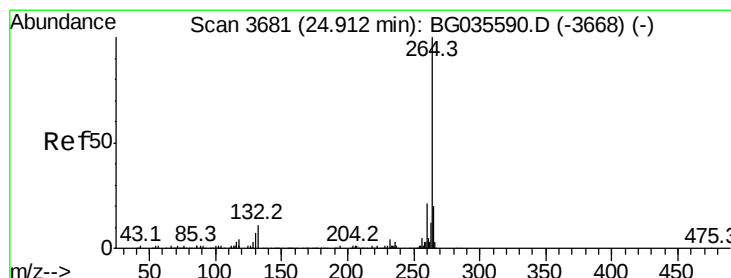
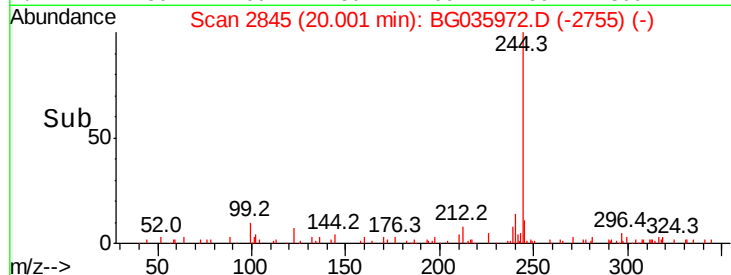
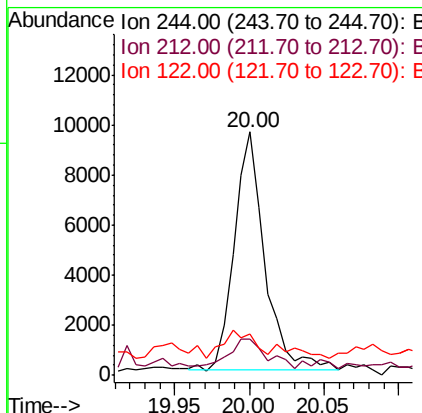
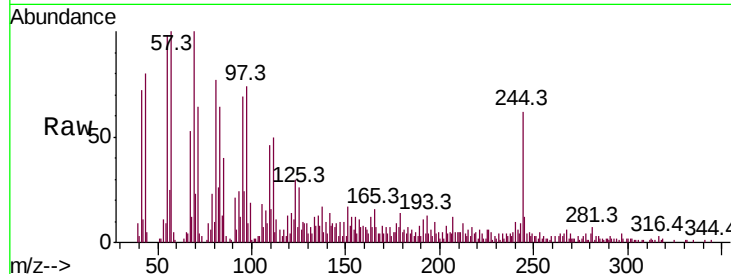
ClientSampled :

OIL

Tot Ion:	244	Resp:	13397
Ion Ratio	Lower	Upper	
244	100		
212	15.0	5.8	8.8#
122	17.1	7.0	10.4#

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG035972.D

Acq: 30 Jul 2018 12:27

Tgt Ion:	264	Resp:	274547
Ion Ratio	Lower	Upper	
264	100		
260	23.0	17.4	26.0
265	19.3	17.7	26.5

