

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036264.D
 Acq On : 10 Aug 2018 11:54
 Operator : JU/SJ
 Sample : J4355-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SOIL

Manual Integrations
 APPROVED

Sohil
 8/10/2018 4:01:55 PM

Quant Time: Aug 10 14:20:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	26772	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	90781	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	68527	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	195988	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	211975	20.00	ng	-0.02
86) Perylene-d12	24.82	264	201172	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	149214	92.53	ng	-0.01
7) Phenol-d6	7.18	99	214685	89.23	ng	-0.01
23) Nitrobenzene-d5	9.17	82	138661	63.81	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	101007	111.83	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	264119	51.64	ng	-0.03
78) Terphenyl-d14	19.98	244	575518	59.85	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.10	163	25089	4.179	ng	Qvalue # 96
74) Fluoranthene	19.43	202	49872	3.786	ng	93
77) Pyrene	19.79	202	43427	3.240	ng	98
80) Benzo(a)anthracene	21.62	228	30241m	2.289	ng	
82) Chrysene	21.68	228	39180	3.201	ng	94
87) Benzo(b)fluoranthene	23.81	252	51390	4.203	ng	96

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

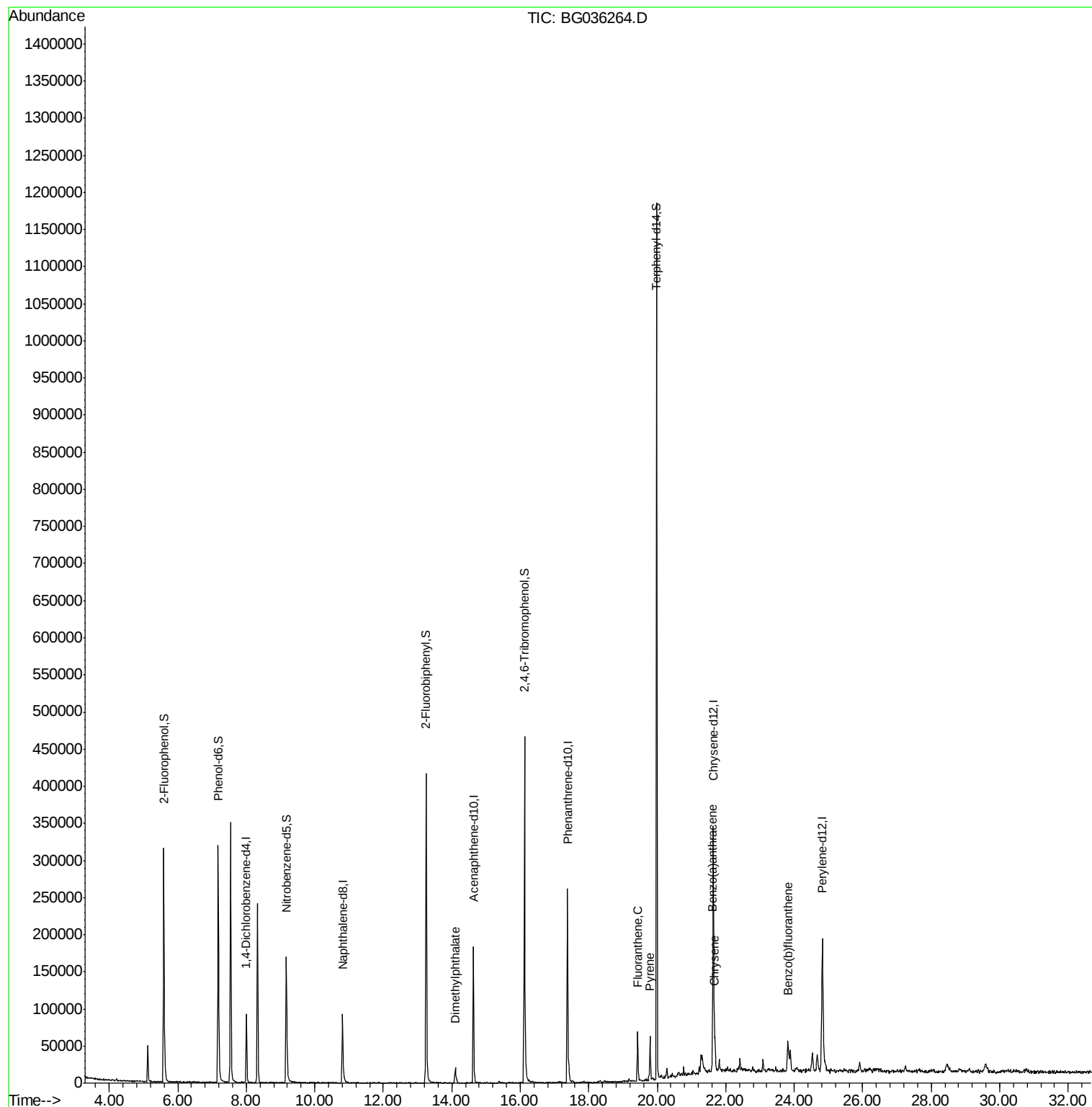
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
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ALS Vial : 30 Sample Multiplier: 1

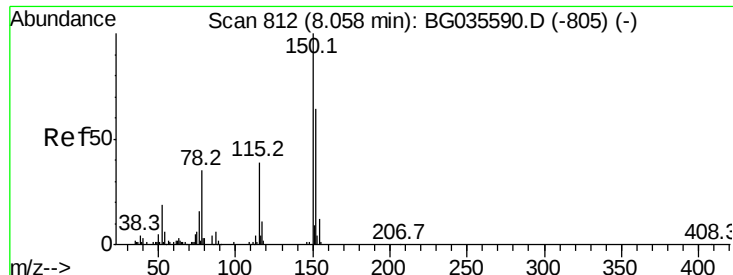
Instrument :
BNA_G
ClientSampleId :
WC-SOIL

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Quant Time: Aug 10 14:20:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration





#1

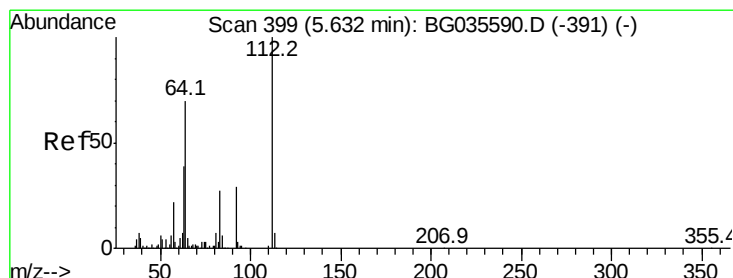
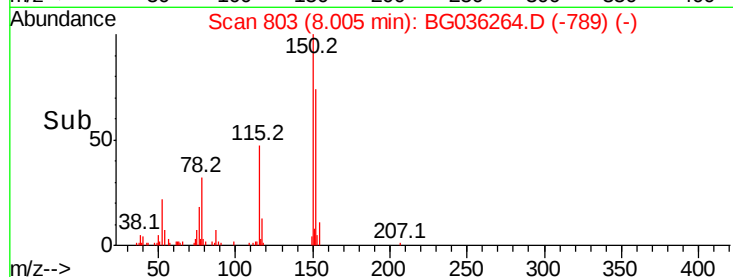
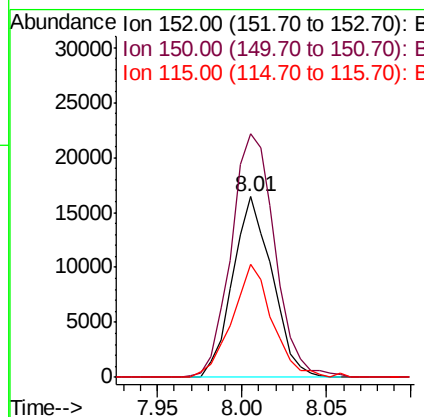
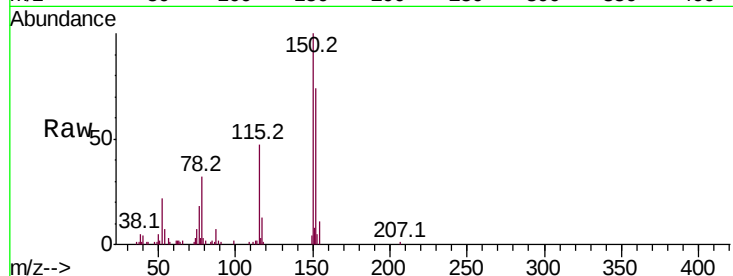
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BG036264.D
 Acq: 10 Aug 2018 11:54

Instrument :
 BNA_G
 ClientSampled :
 WC-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	135.0	126.6	189.8
115	62.8	53.0	79.4

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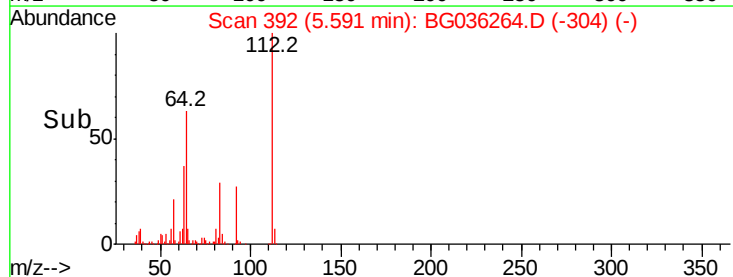
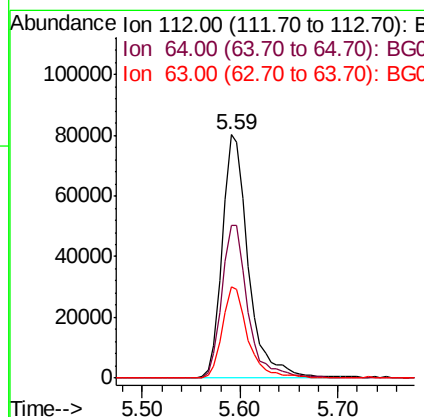
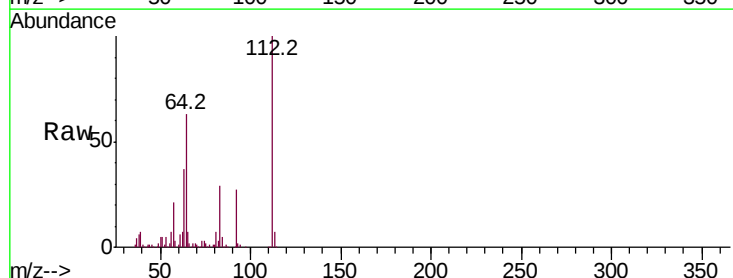
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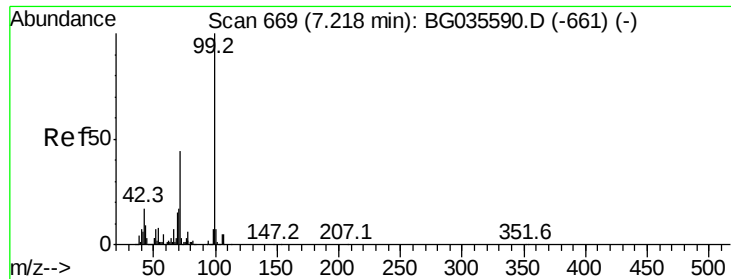


#5

2-Fluorophenol
 Concen: 92.533 ng
 RT: 5.59 min Scan# 392
 Delta R.T. -0.01 min
 Lab File: BG036264.D
 Acq: 10 Aug 2018 11:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	56.3	84.5
63	37.5	30.1	45.1





#7

Phenol-d6

Concen: 89.233 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036264.D

Acq: 10 Aug 2018 11:54

Instrument :

BNA_G

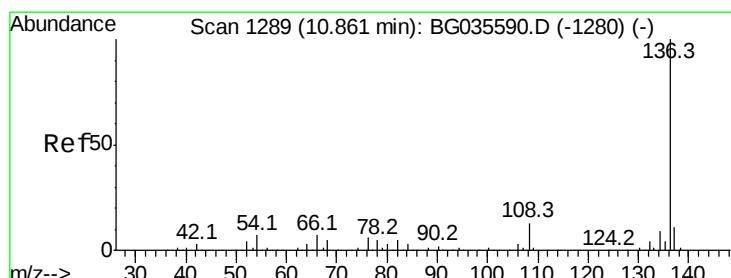
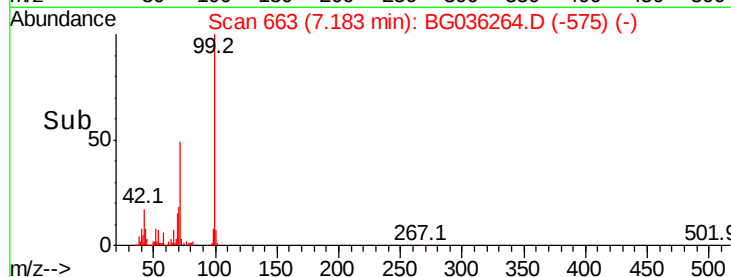
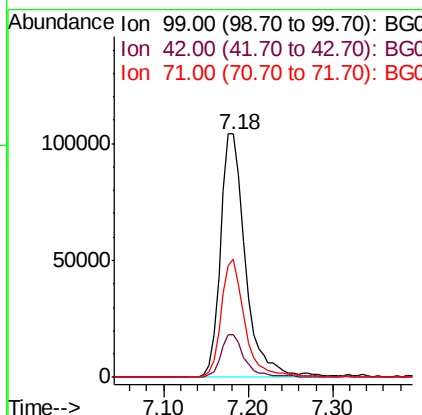
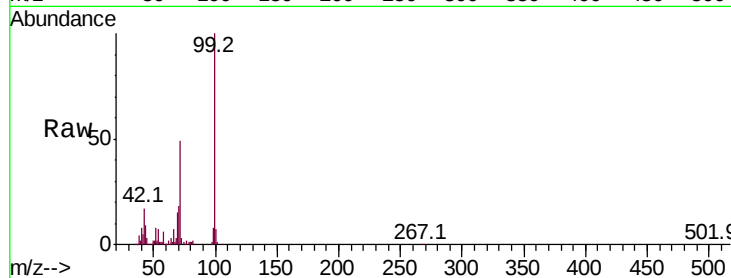
ClientSampled :

WC-SOIL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		214685		
42	17.5	14.1	21.1		
71	48.5	26.1	39.1#		

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#21

Naphthalene-d8

Concen: 20.000 ng

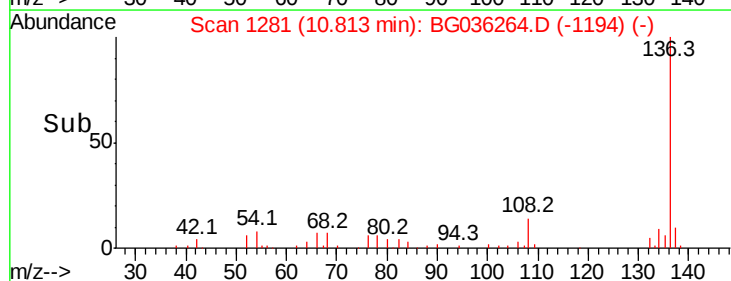
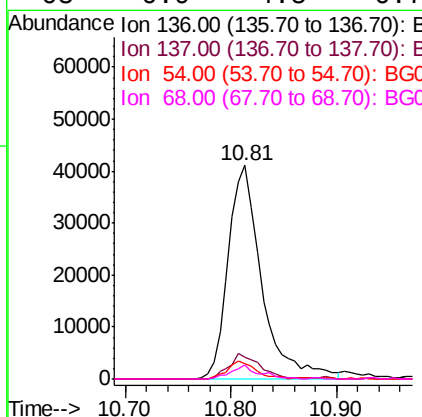
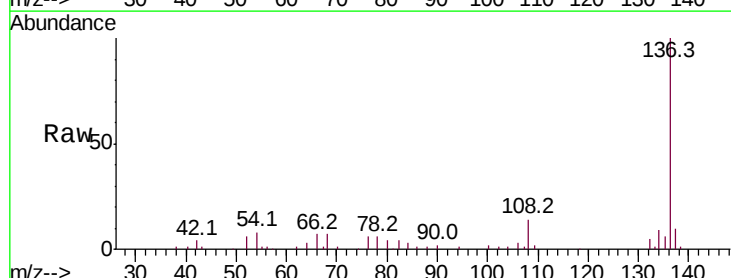
RT: 10.81 min Scan# 1281

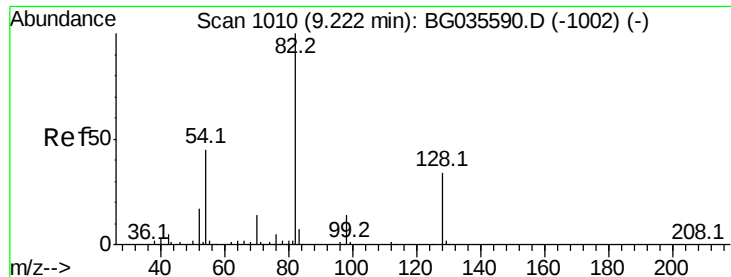
Delta R.T. -0.02 min

Lab File: BG036264.D

Acq: 10 Aug 2018 11:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		90781		
137	10.4	9.2	13.8		
54	7.5	10.3	15.5#		
68	6.9	4.5	6.7#		





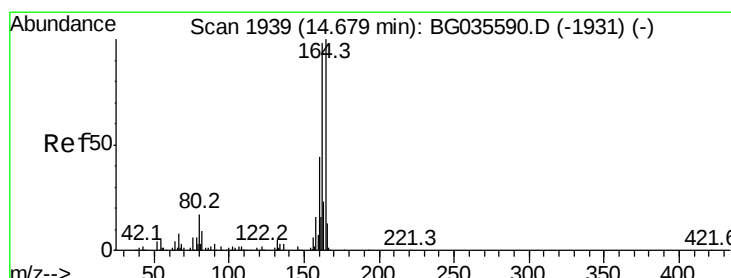
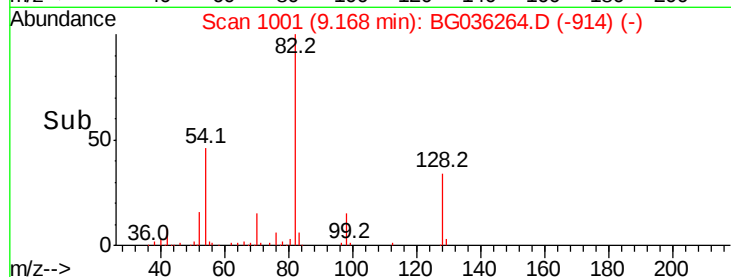
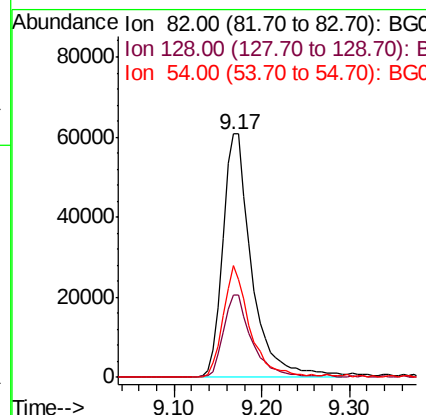
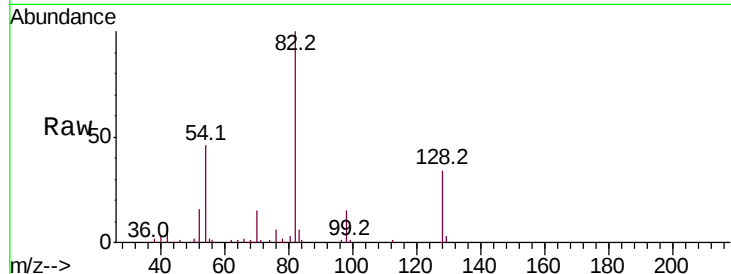
#23
 Nitrobenzene-d5
 Concen: 63.808 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036264.D
 Acq: 10 Aug 2018 11:54

Instrument :
 BNA_G
 ClientSampled :
 WC-SOIL

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.8	29.7	44.5	
54	45.7	43.1	64.7	

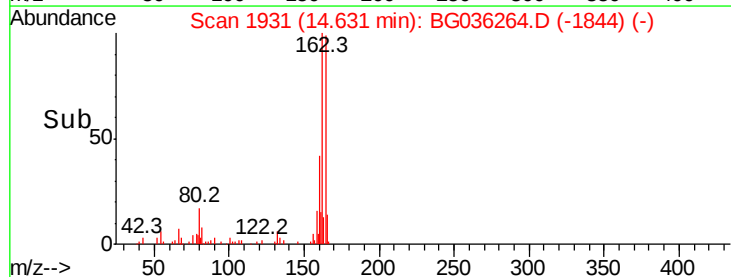
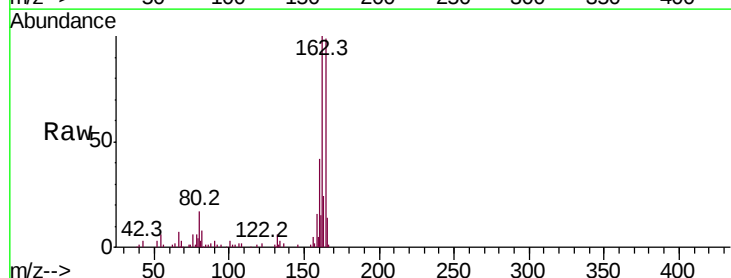
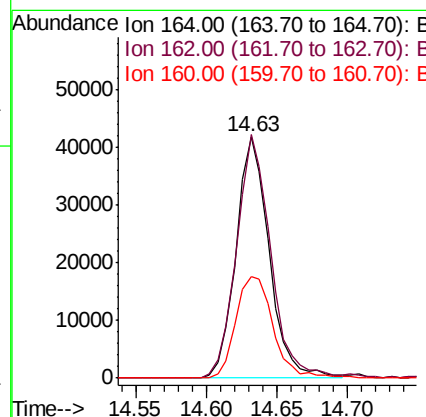
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036264.D
 Acq: 10 Aug 2018 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.7	78.8	118.2	
160	42.1	35.4	53.0	





#41

2,4,6-Tribromophenol

Concen: 111.829 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036264.D

Acq: 10 Aug 2018 11:54

Instrument :

BNA_G

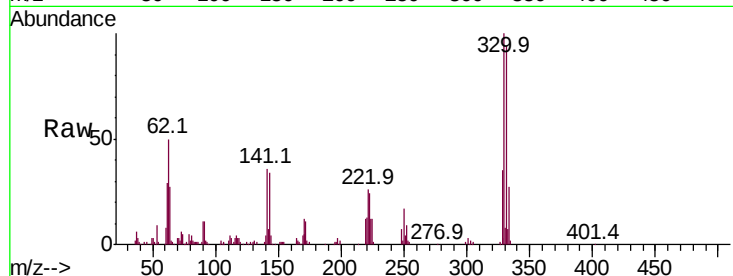
ClientSampled :

WC-SOIL

Tot Ion:	330	Resp:	101007
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.0	115.6
141	38.0	25.2	37.8#

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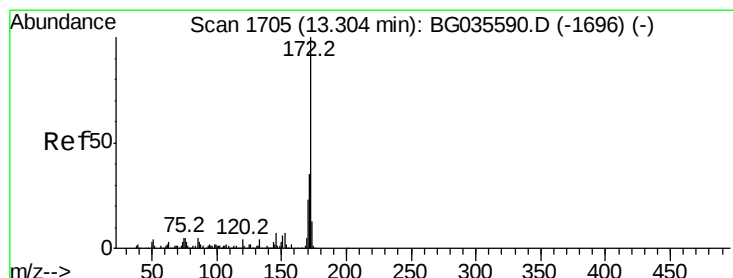
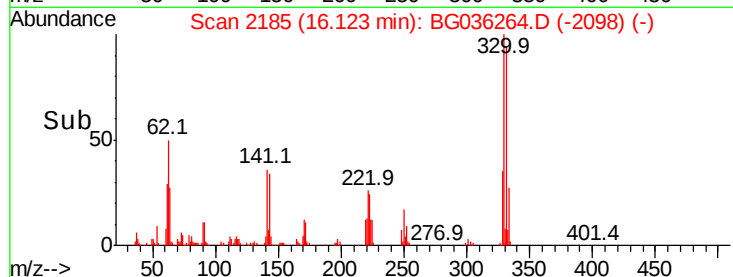
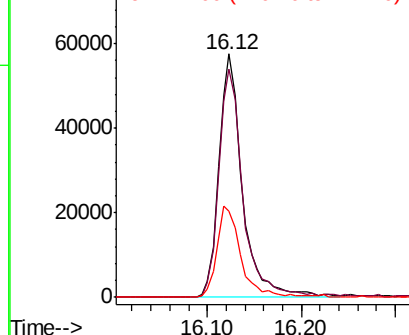


Abundance

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: 51.637 ng

RT: 13.25 min Scan# 1696

Delta R.T. -0.03 min

Lab File: BG036264.D

Acq: 10 Aug 2018 11:54

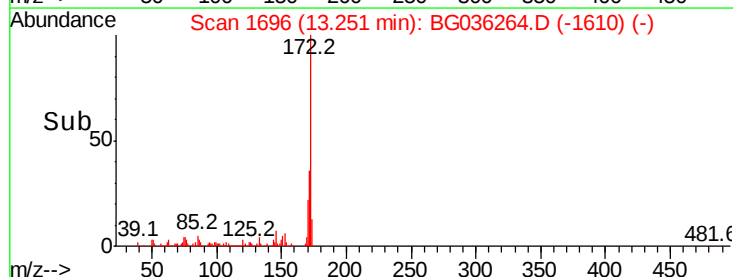
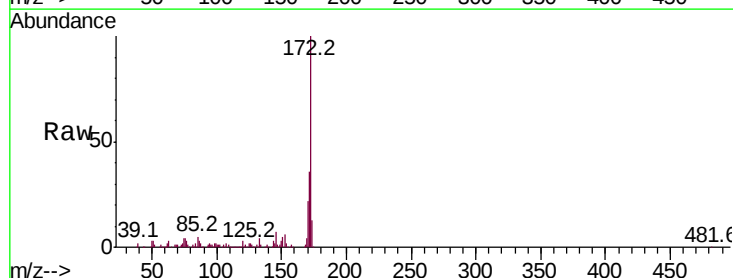
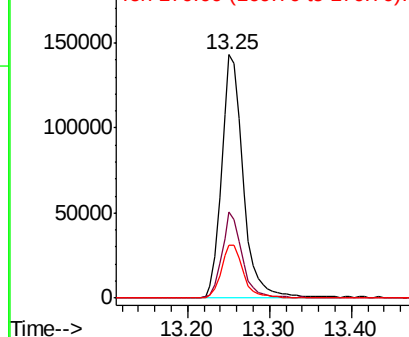
Tgt Ion:	172	Resp:	264119
Ion Ratio	Lower	Upper	
172	100		
171	35.7	30.0	45.0
170	21.9	19.5	29.3

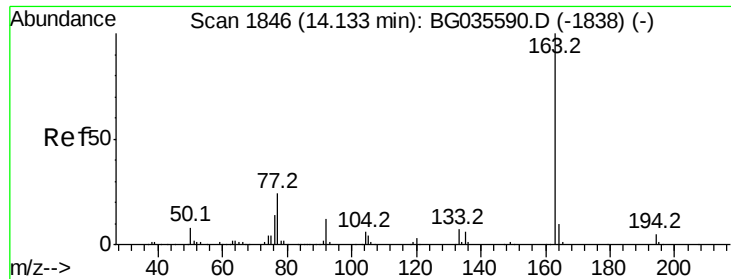
Abundance

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





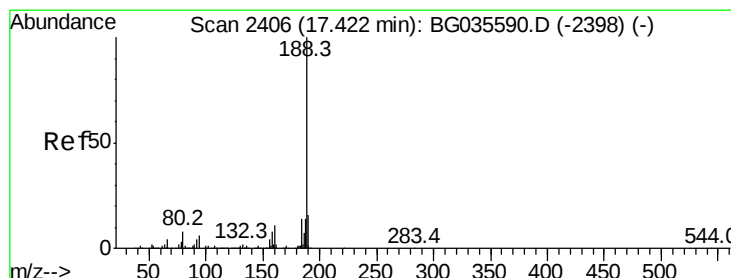
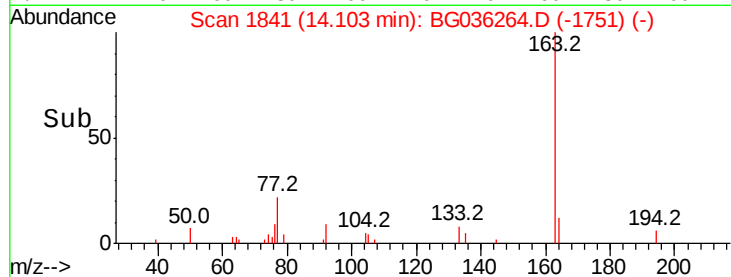
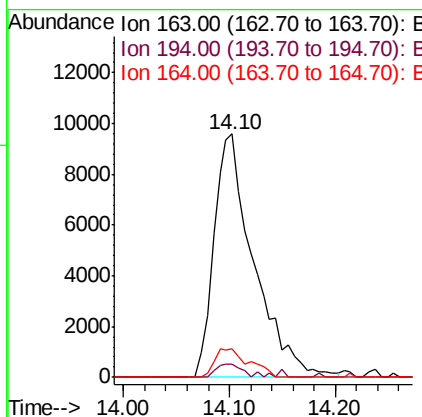
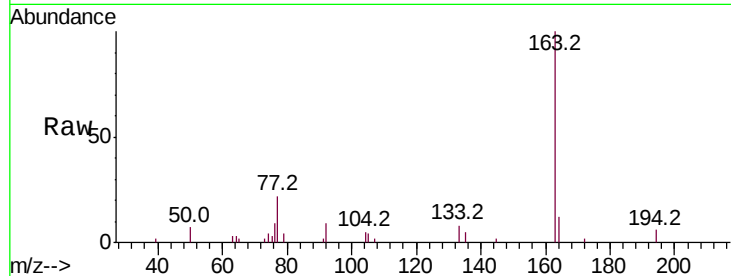
#49
 Dimethylphthalate
 Concen: 4.179 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG036264.D
 Acq: 10 Aug 2018 11:54

Instrument :
 BNA_G
 ClientSampleId :
 WC-SOIL

Tot Ion:	163	Resp:	25089
Ion Ratio	Lower	Upper	
163	100		
194	5.6	3.4	5.2#
164	11.7	8.2	12.4

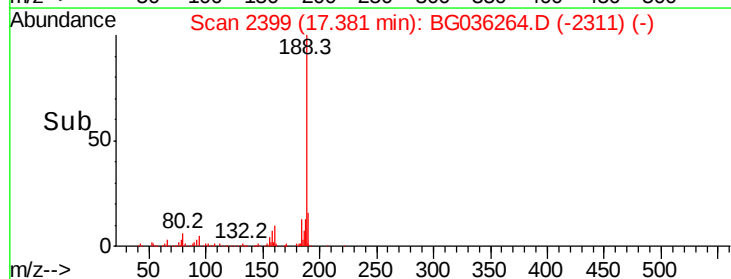
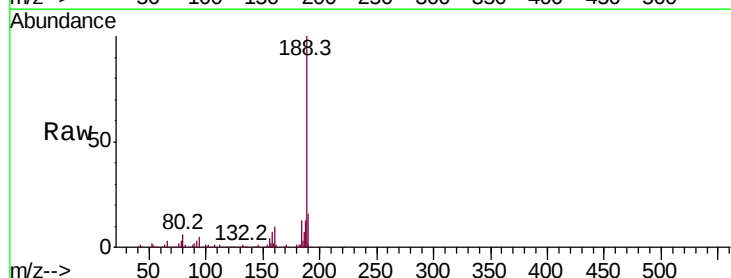
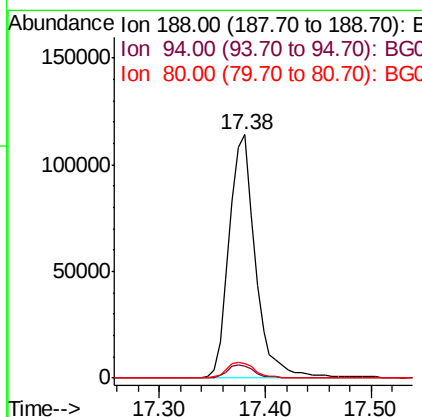
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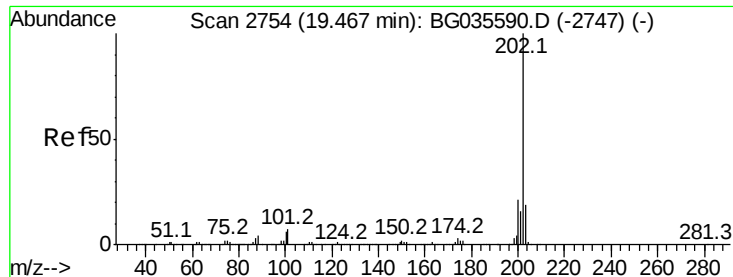
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG036264.D
 Acq: 10 Aug 2018 11:54

Tgt Ion:	188	Resp:	195988
Ion Ratio	Lower	Upper	
188	100		
94	5.1	6.9	10.3#
80	5.8	7.7	11.5#





#74

Fluoranthene

Concen: 3.786 ng

RT: 19.43 min Scan# 2748

Delta R.T. -0.01 min

Lab File: BG036264.D

Acq: 10 Aug 2018 11:54

Instrument :

BNA_G

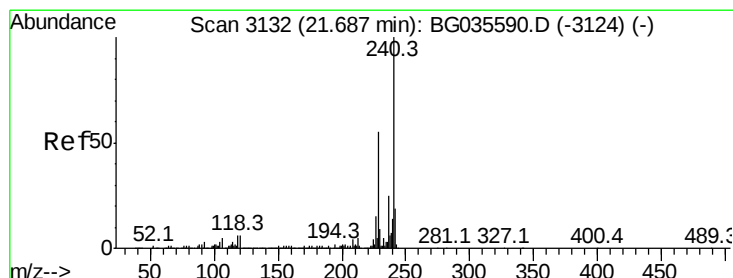
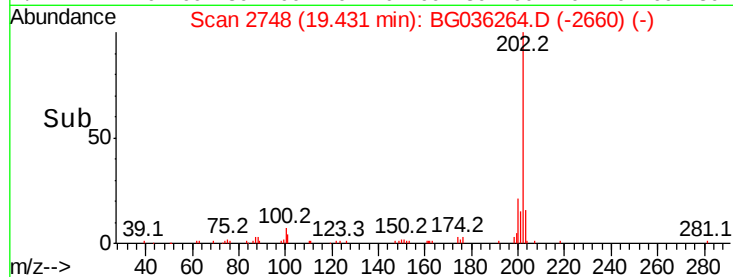
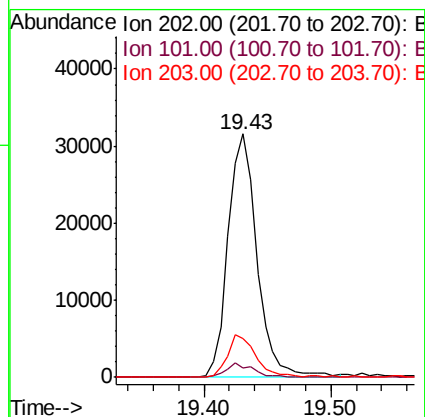
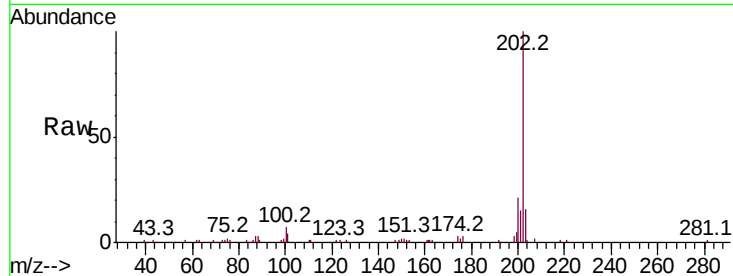
ClientSampled :

WC-SOIL

Tot Ion:	202	Resp:	49872
Ion Ratio	Lower	Upper	
202	100		
101	3.8	0.0	28.9
203	16.1	0.0	37.5

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

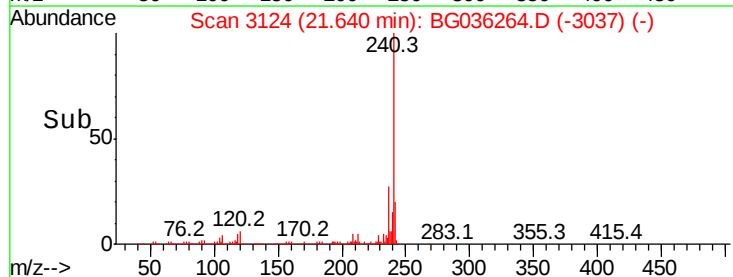
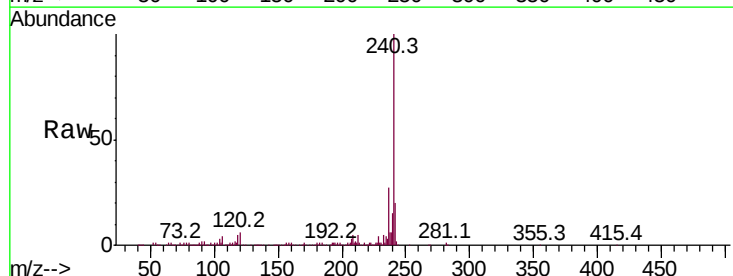
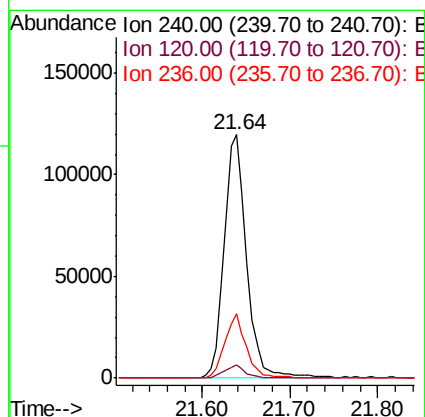
RT: 21.64 min Scan# 3124

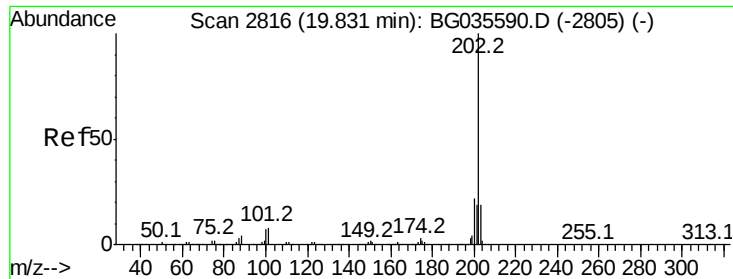
Delta R.T. -0.02 min

Lab File: BG036264.D

Acq: 10 Aug 2018 11:54

Tgt Ion:	240	Resp:	211975
Ion Ratio	Lower	Upper	
240	100		
120	5.6	6.8	10.2#
236	26.7	20.9	31.3





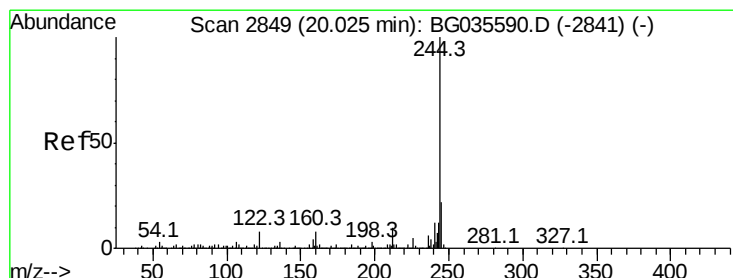
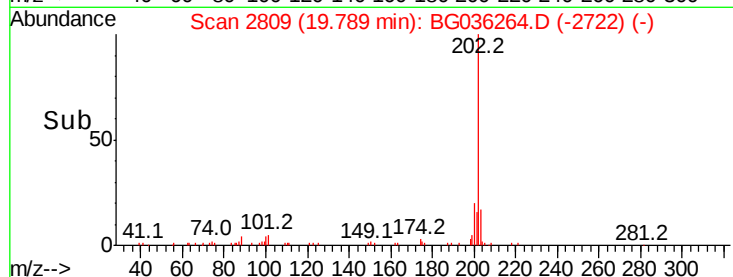
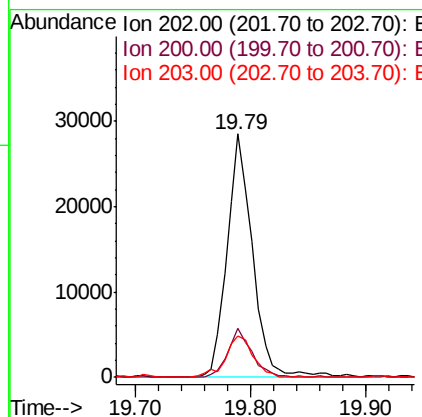
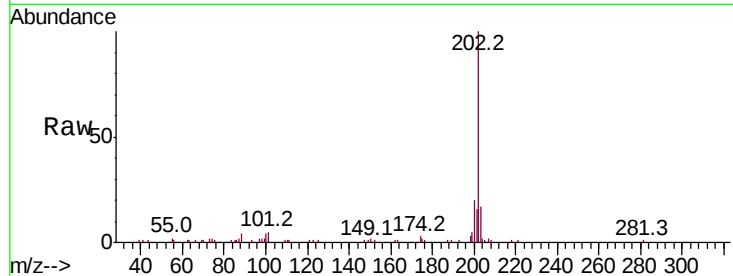
#77
Pvrene
Concen: 3.240 ng
RT: 19.79 min Scan# 2809
Delta R.T. -0.02 min
Lab File: BG036264.D
Acq: 10 Aug 2018 11:54

Instrument :
BNA_G
ClientSampleId :
WC-SOIL

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.9	25.3
203	16.9	13.9	20.9

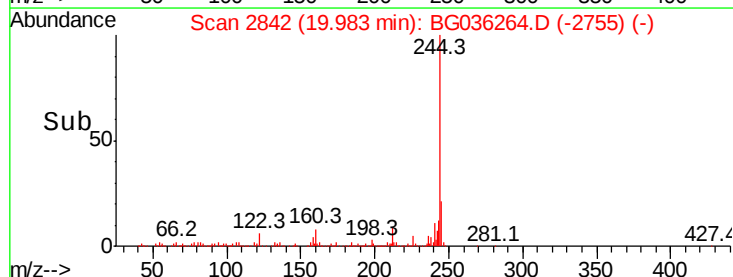
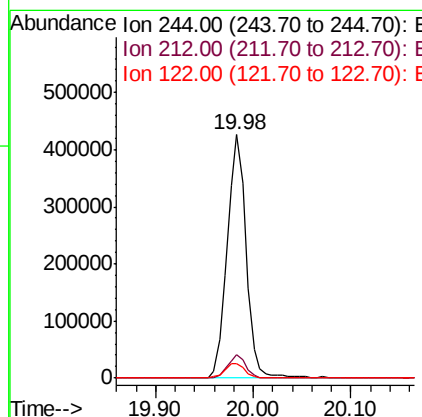
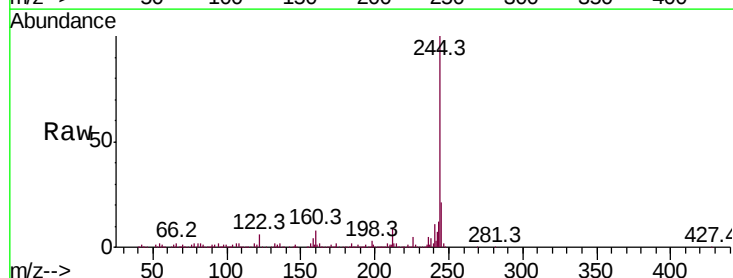
Manual Integrations
APPROVED

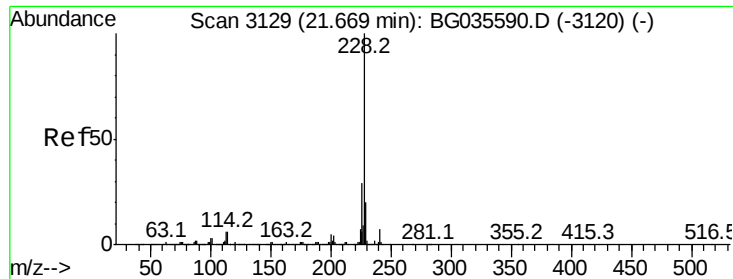
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#78
Terphenyl-d14
Concen: 59.847 ng
RT: 19.98 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036264.D
Acq: 10 Aug 2018 11:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	6.2	7.0	10.4#





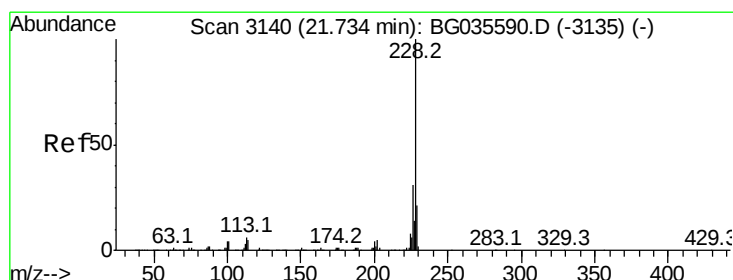
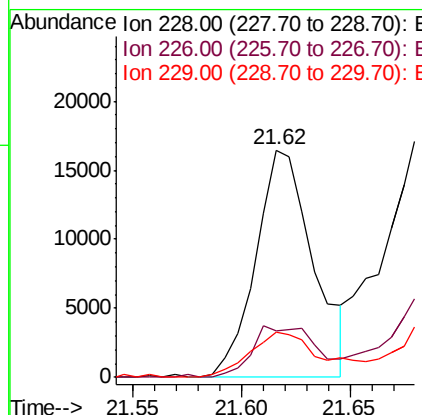
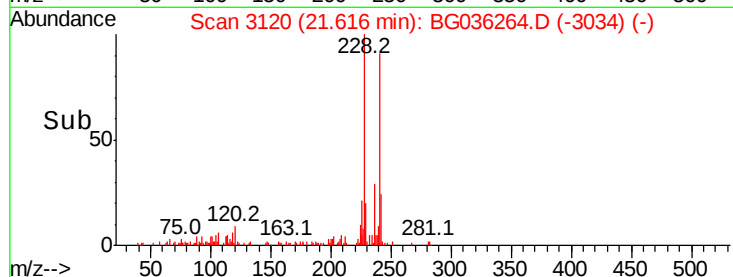
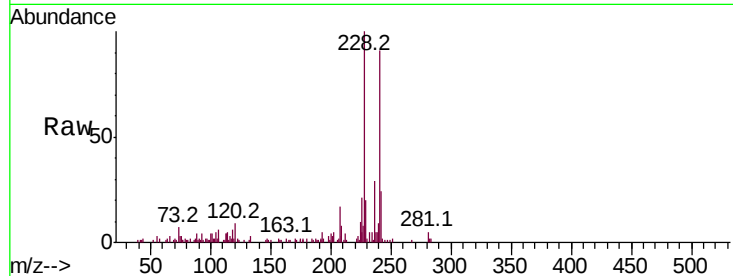
#80
Benzo(a)anthracene
Concen: 2.289 ng m
RT: 21.62 min Scan# 3120
Delta R.T. -0.03 min
Lab File: BG036264.D
Acq: 10 Aug 2018 11:54

Instrument :
BNA_G
ClientSampleId :
WC-SOIL

Tot Ion	Ratio	Lower	Upper
228	100		
226	20.5	22.7	34.1#
229	20.1	16.2	24.2

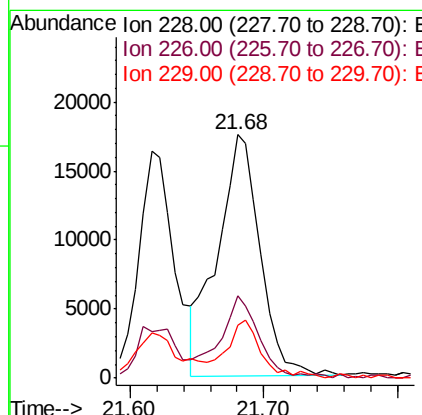
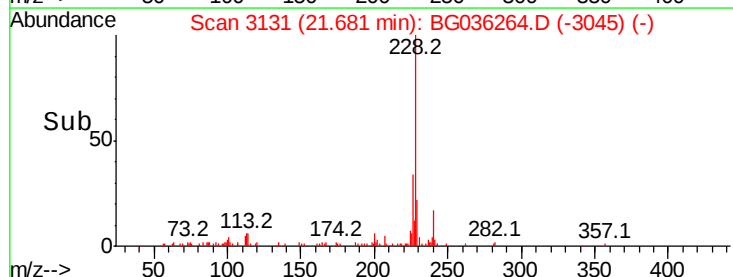
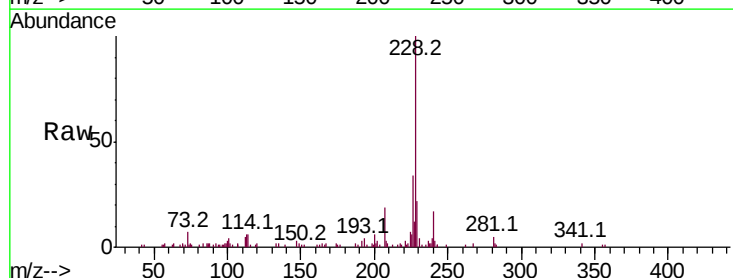
Manual Integrations
APPROVED

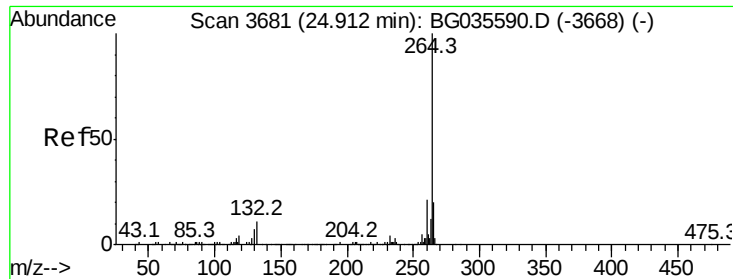
Sohil
8/10/2018 4:01:55 PM



#82
Chrysene
Concen: 3.201 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.03 min
Lab File: BG036264.D
Acq: 10 Aug 2018 11:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	24.9	37.3
229	21.9	15.0	22.4





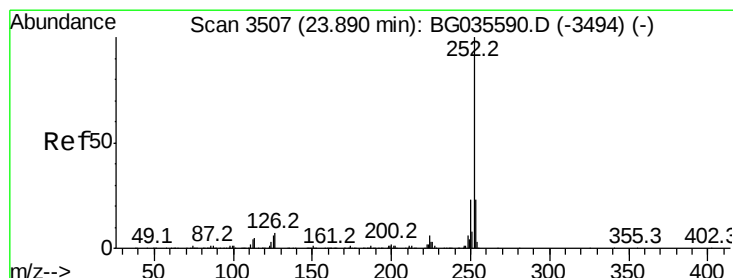
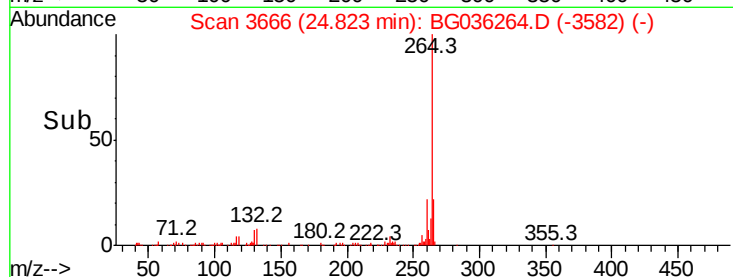
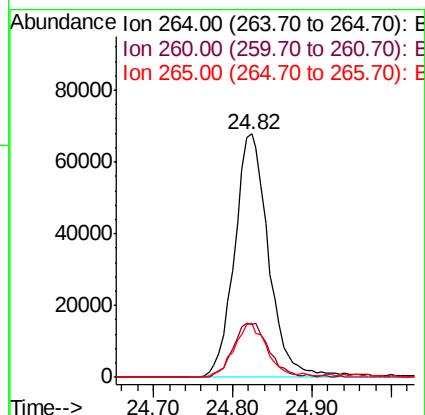
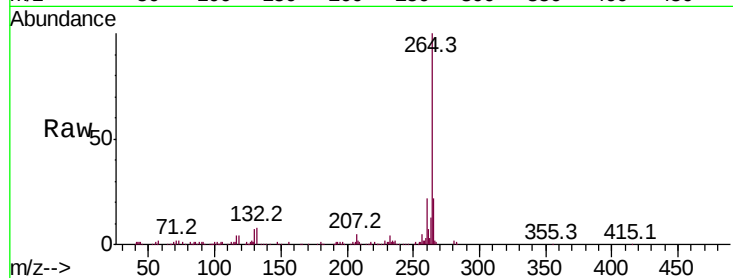
#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3666
Delta R.T. -0.04 min
Lab File: BG036264.D
Acq: 10 Aug 2018 11:54

Instrument :
BNA_G
ClientSampled :
WC-SOIL

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	22.2	17.7	26.5

Manual Integrations
APPROVED

Sohil
8/10/2018 4:01:55 PM



#87
Benzo(b)fluoranthene
Concen: 4.203 ng
RT: 23.81 min Scan# 3494
Delta R.T. -0.03 min
Lab File: BG036264.D
Acq: 10 Aug 2018 11:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.4
125	8.0	7.2	10.8

