

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
 Data File : BG038390.D
 Acq On : 6 Dec 2018 19:51
 Operator : JU/SJ
 Sample : J6003-23DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NON-UST-03R-CDL

Manual Integrations
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Quant Time: Dec 06 21:38:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	46993	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	125959	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	82171	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	237492	20.00	ng	0.00
76) Chrysene-d12	21.73	240	214332	20.00	ng	-0.01
87) Perylene-d12	25.04	264	221535	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	64531	24.30	ng	0.00
7) Phenol-d6	7.21	99	69748	18.17	ng	-0.01
23) Nitrobenzene-d5	9.25	82	90865	35.82	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	58504	58.00	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	218478	37.89	ng	0.00
79) Terphenyl-d14	20.05	244	400660	40.05	ng	0.00
Target Compounds						
31) Naphthalene	10.94	128	29717	4.939	ng	98
37) 2-Methylnaphthalene	12.54	142	156678	36.566	ng	98
38) 1-Methylnaphthalene	12.76	142	162403m	39.573	ng	
58) Fluorene	15.75	166	17328	2.956	ng	98
71) Phenanthrene	17.49	178	39234	3.299	ng	99

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

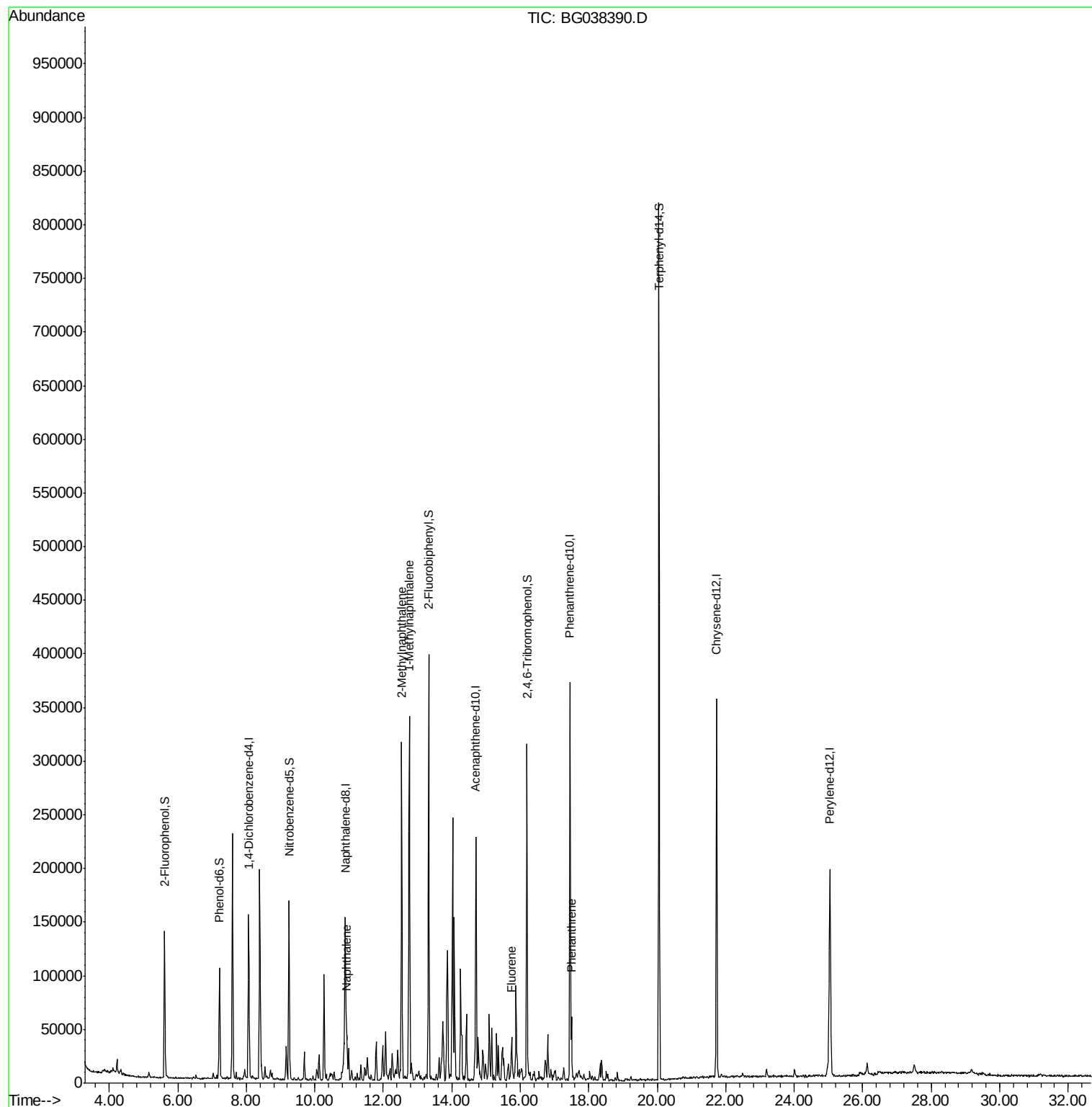
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
Data File : BG038390.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

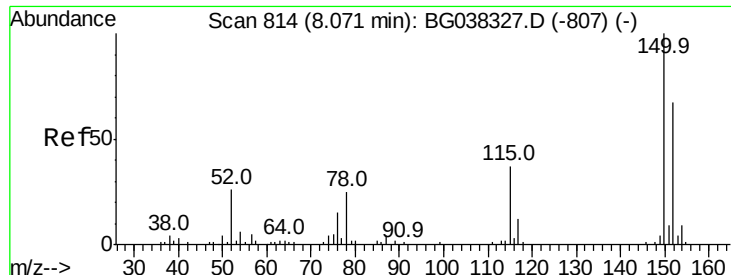
Instrument :
BNA_G
ClientSampleId :
NON-UST-03R-CDL

Manual Integrations
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12/7/2018 12:20:56 PM

Quant Time: Dec 06 21:38:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration





#1

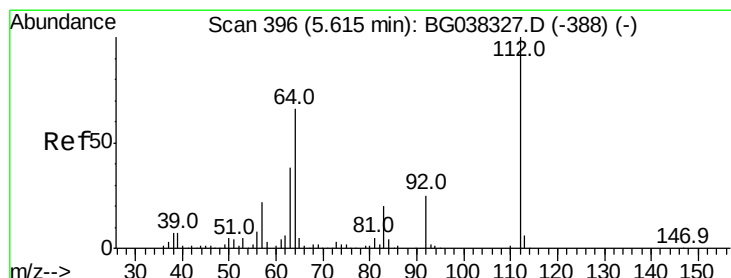
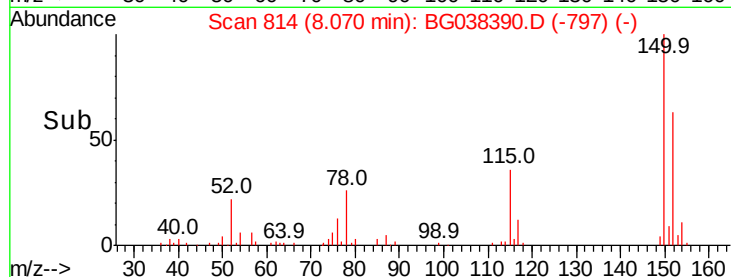
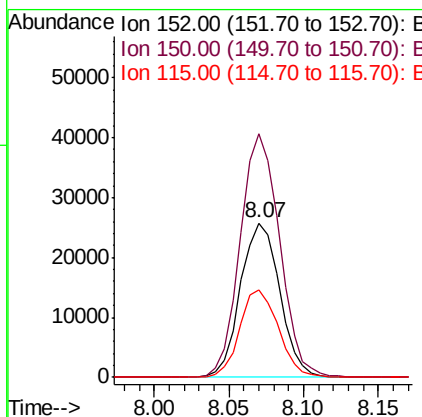
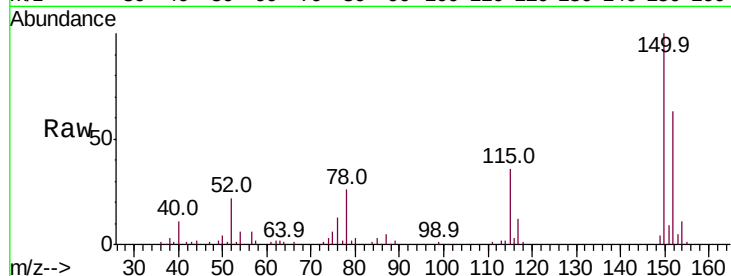
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038390.D
Acq: 6 Dec 2018 19:51

Instrument :
BNA_G
ClientSampleId :
NON-UST-03R-CDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.0	189.0
115	56.6	45.5	68.3

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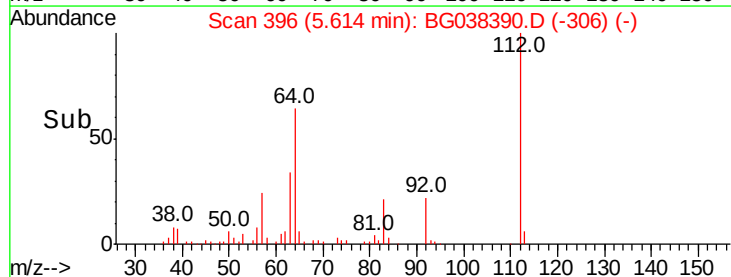
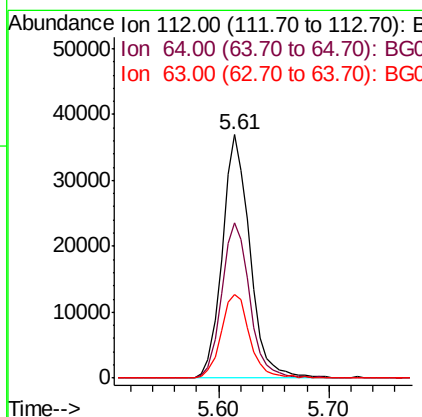
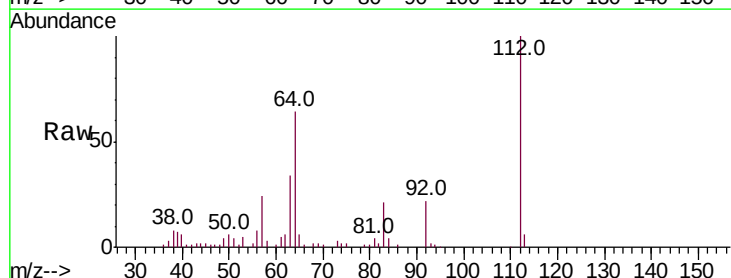
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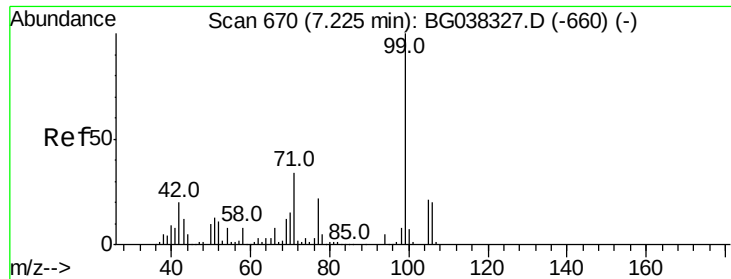


#5

2-Fluorophenol
Concen: 24.301 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038390.D
Acq: 6 Dec 2018 19:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	53.1	79.7
63	34.4	27.3	40.9





#7

Phenol-d6

Concen: 18.173 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038390.D

Acq: 6 Dec 2018 19:51

Instrument :

BNA_G

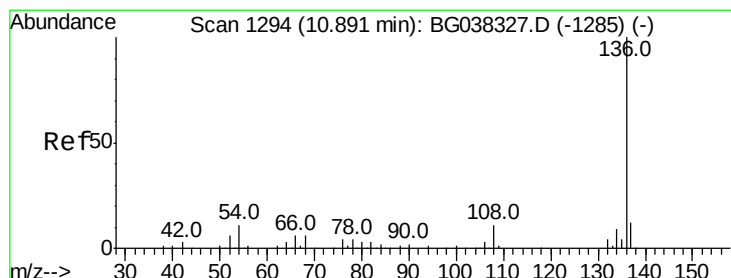
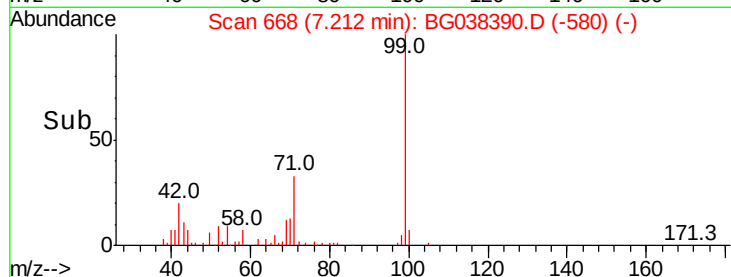
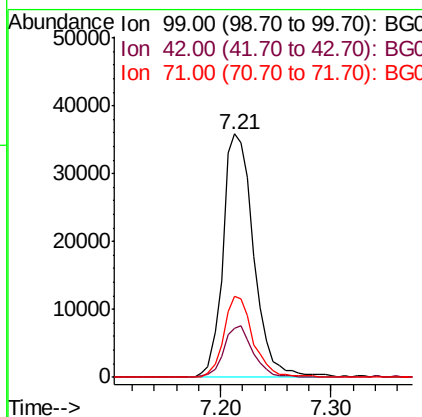
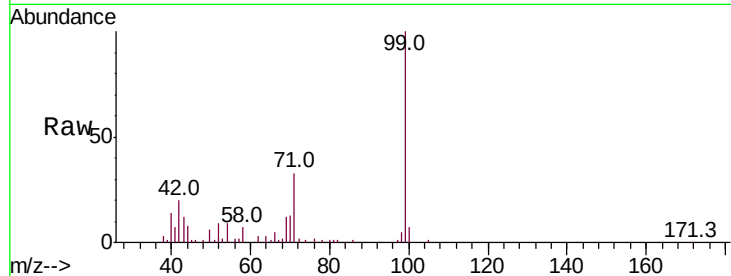
ClientSampleId :

NON-UST-03R-CDL

Tot Ion:	99	Resp:	69748
Ion Ratio	Lower	Upper	
99	100		
42	20.2	15.0	22.4
71	33.1	25.5	38.3

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#21

Naphthalene-d8

Concen: 20.000 ng

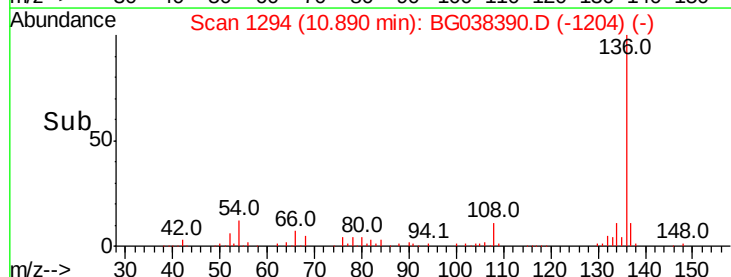
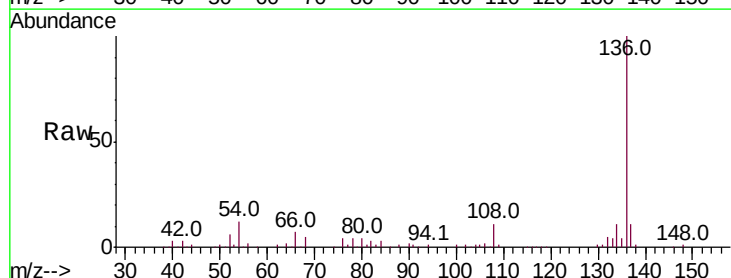
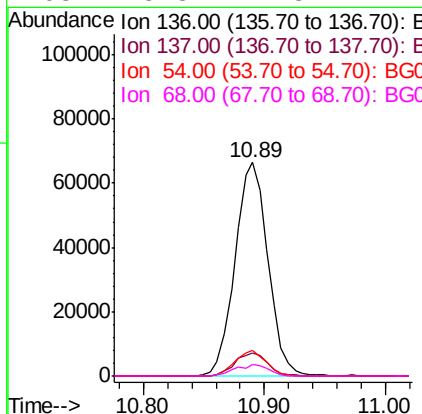
RT: 10.89 min Scan# 1294

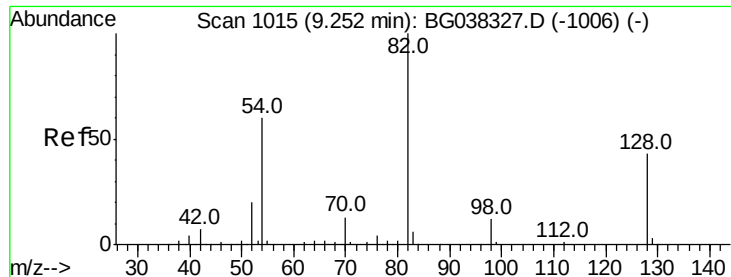
Delta R.T. -0.00 min

Lab File: BG038390.D

Acq: 6 Dec 2018 19:51

Tgt Ion:	136	Resp:	125959
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.6	14.4
54	11.8	7.9	11.9
68	5.3	4.8	7.2





#23

Nitrobenzene-d5

Concen: 35.815 ng

RT: 9.25 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BG038390.D

Acq: 6 Dec 2018 19:51

Instrument :

BNA_G

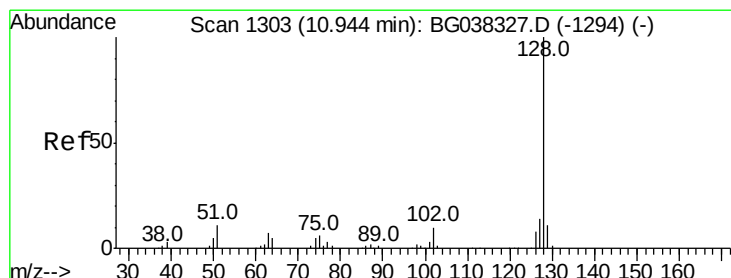
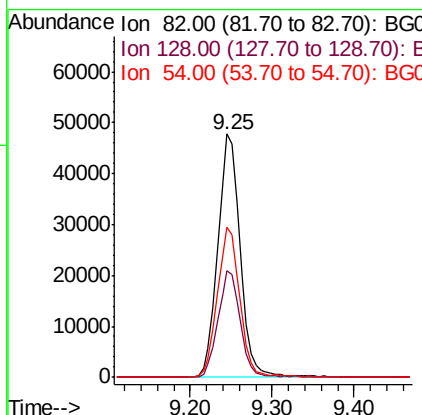
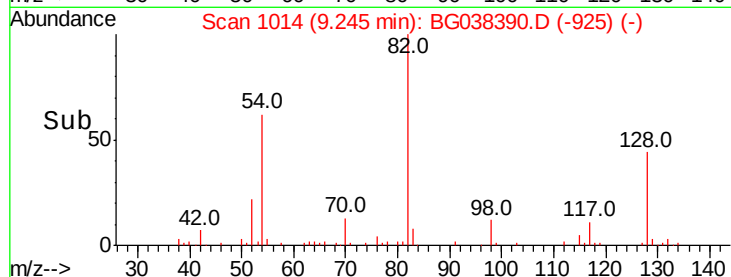
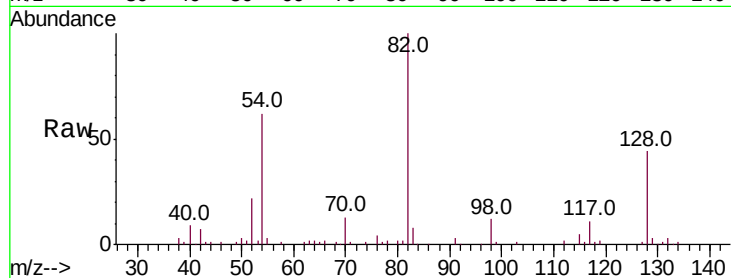
ClientSampleId :

NON-UST-03R-CDL

Tot Ion:	82	Resp:	90865
Ion Ratio	Lower	Upper	
82	100		
128	43.6	34.6	51.8
54	61.9	45.3	67.9

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#31

Naphthalene

Concen: 4.939 ng

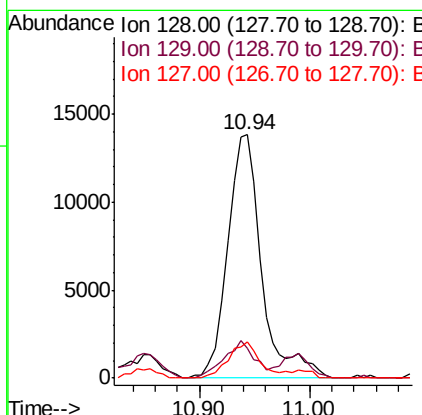
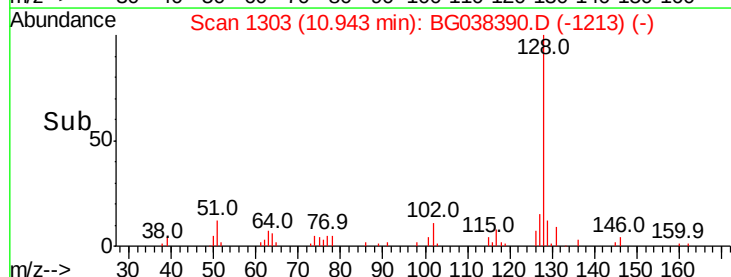
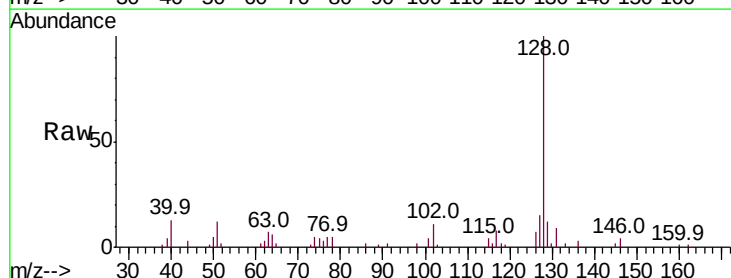
RT: 10.94 min Scan# 1303

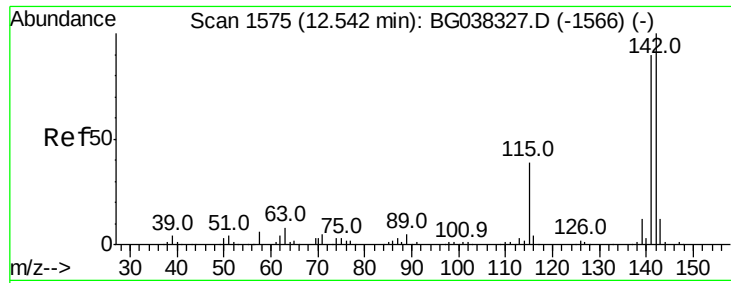
Delta R.T. -0.00 min

Lab File: BG038390.D

Acq: 6 Dec 2018 19:51

Tgt Ion:	128	Resp:	29717
Ion Ratio	Lower	Upper	
128	100		
129	12.0	9.0	13.6
127	15.0	11.1	16.7





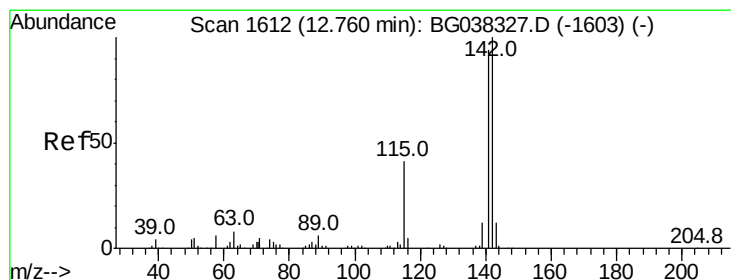
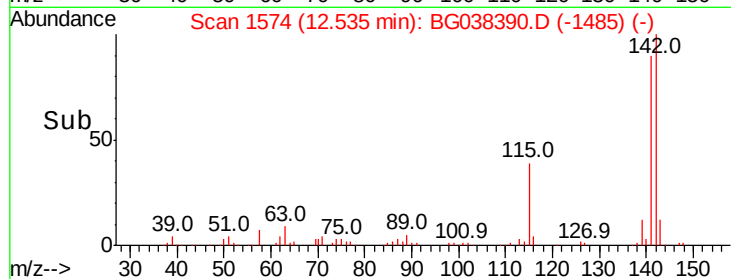
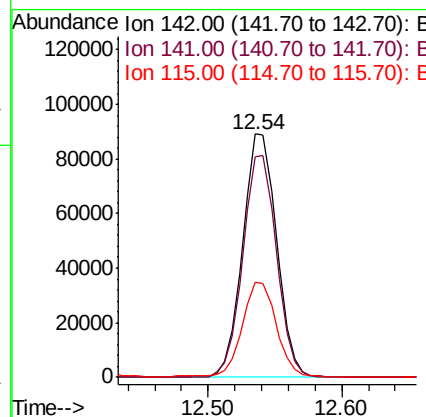
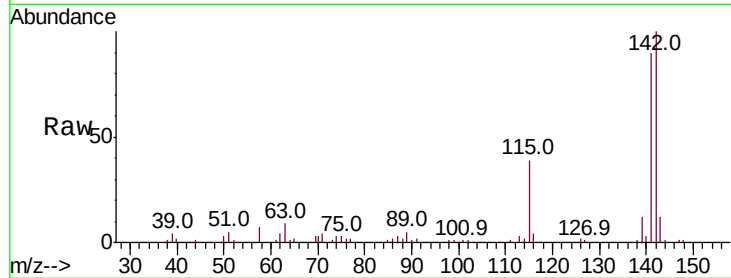
#37
 2-Methylnaphthalene
 Concen: 36.566 ng
 RT: 12.54 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BG038390.D
 Acq: 6 Dec 2018 19:51

Instrument :
 BNA_G
 ClientSampleId :
 NON-UST-03R-CDL

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.9	107.9
115	39.1	27.8	41.8

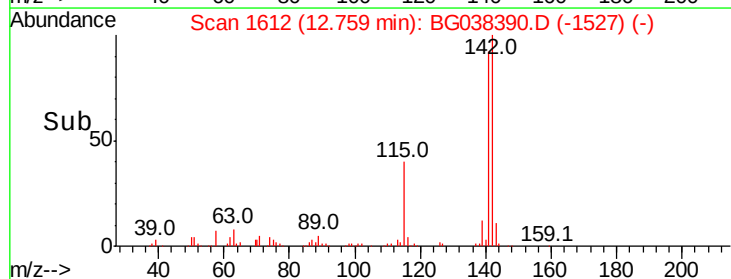
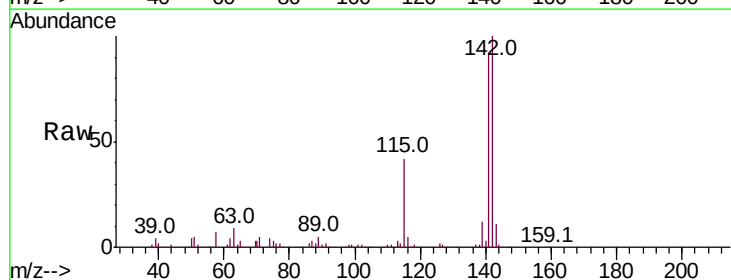
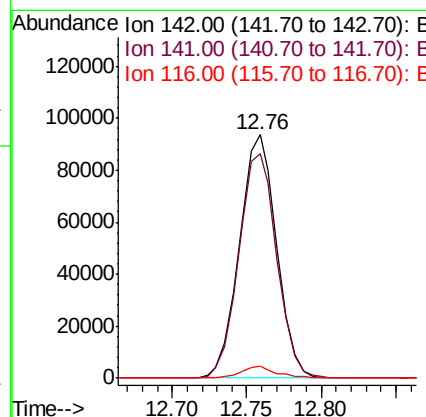
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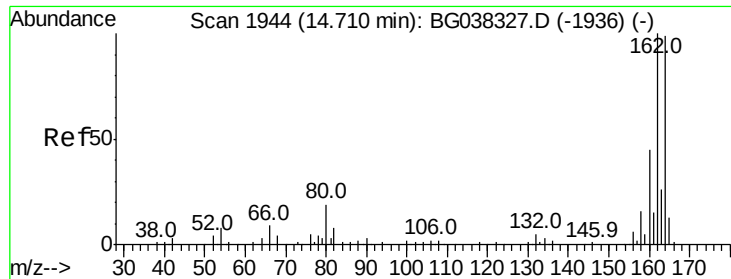
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#38
 1-Methylnaphthalene
 Concen: 39.573 ng m
 RT: 12.76 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BG038390.D
 Acq: 6 Dec 2018 19:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.2	112.8
116	5.0	3.3	4.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038390.D

Acq: 6 Dec 2018 19:51

Instrument :

BNA_G

ClientSampleId :

NON-UST-03R-CDL

Tot Ion:164 Resp: 82171

Ion Ratio Lower Upper

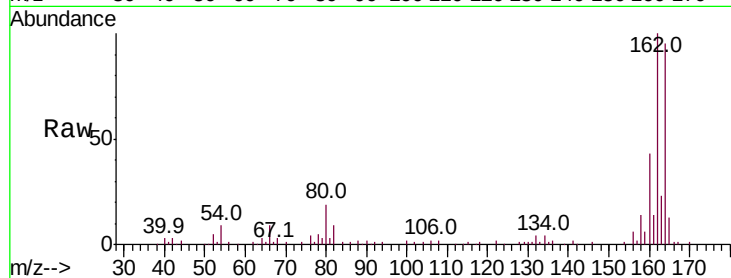
164 100

162 105.2 81.3 121.9

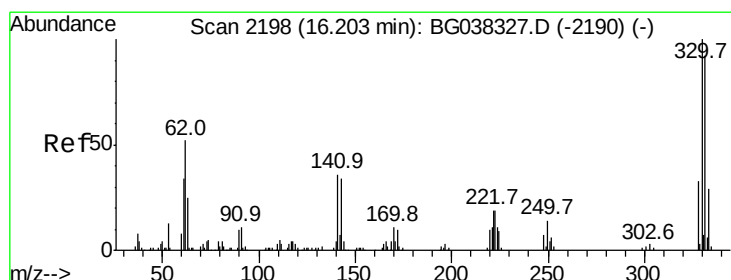
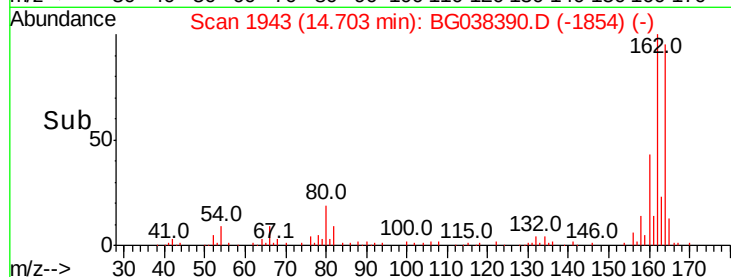
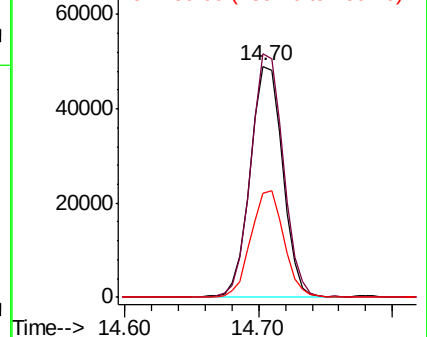
160 45.2 36.3 54.5

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 57.997 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038390.D

Acq: 6 Dec 2018 19:51

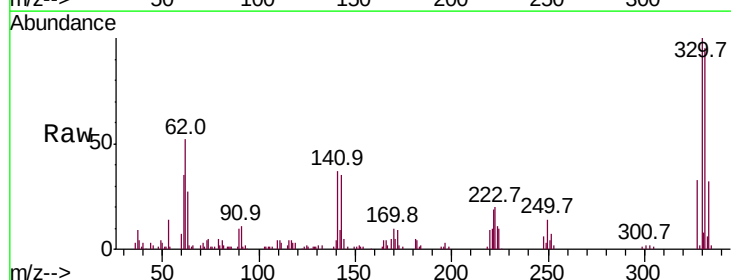
Tgt Ion:330 Resp: 58504

Ion Ratio Lower Upper

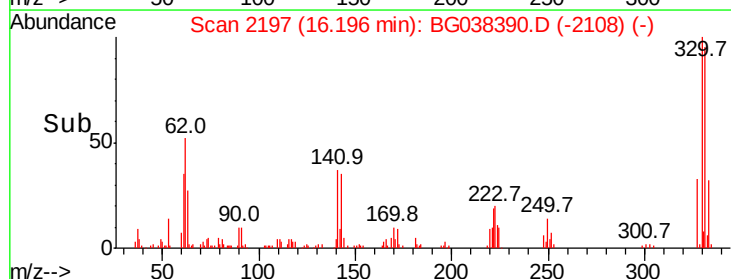
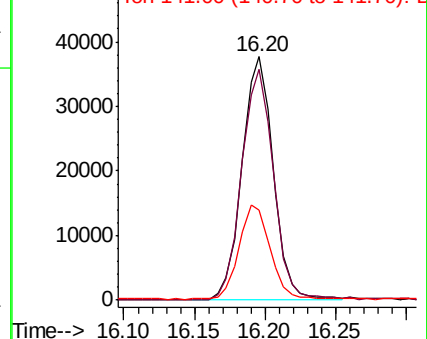
330 100

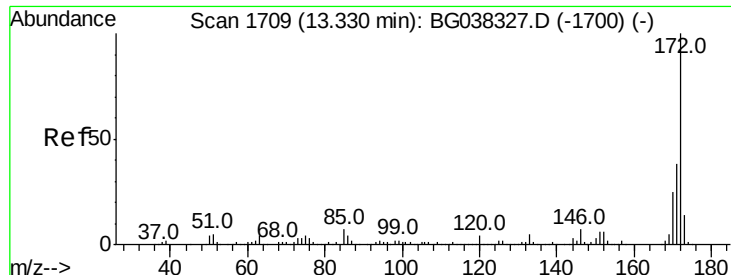
332 96.9 78.4 117.6

141 40.0 32.2 48.2



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





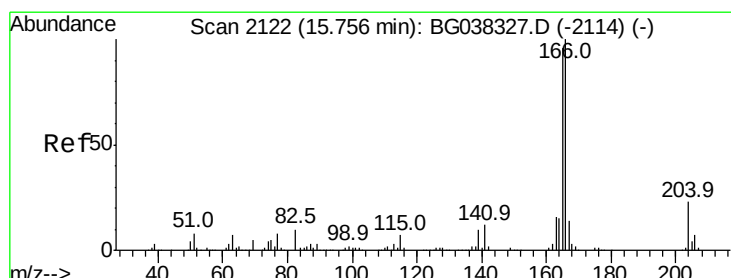
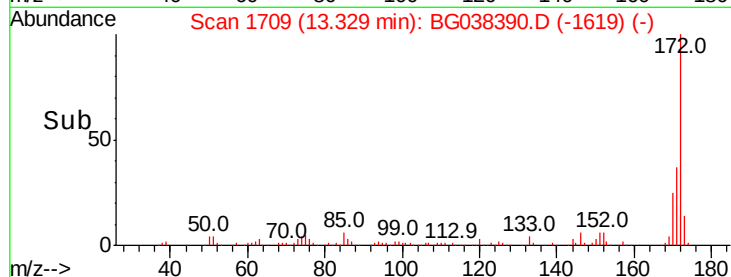
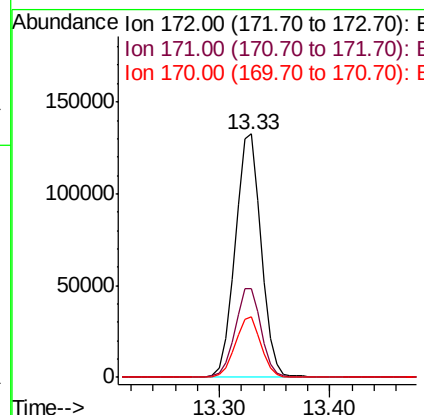
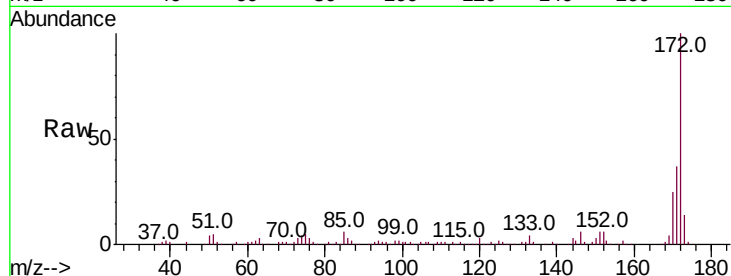
#45
 2-Fluorobiphenyl
 Concen: 37.886 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038390.D
 Acq: 6 Dec 2018 19:51

Instrument :
 BNA_G
 ClientSampleId :
 NON-UST-03R-CDL

Tot Ion	Ratio	Resp	Lower	Upper
172	100	218478		
171	36.7		31.0	46.4
170	24.7		20.2	30.2

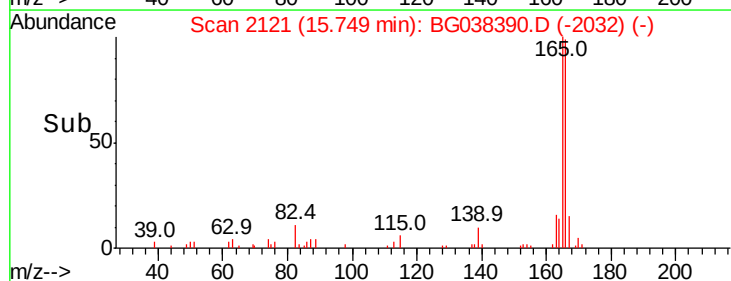
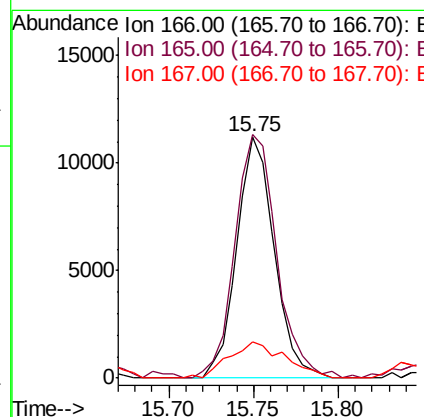
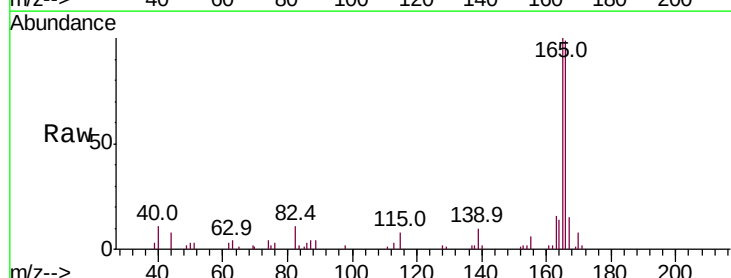
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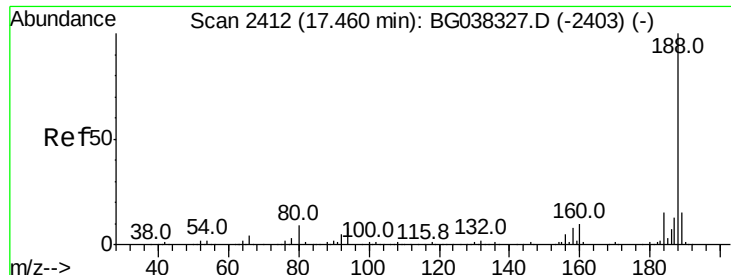
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#58
 Fluorene
 Concen: 2.956 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG038390.D
 Acq: 6 Dec 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	17328		
165	100.9		79.0	118.6
167	15.3		11.3	16.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038390.D

Acq: 6 Dec 2018 19:51

Instrument :

BNA_G

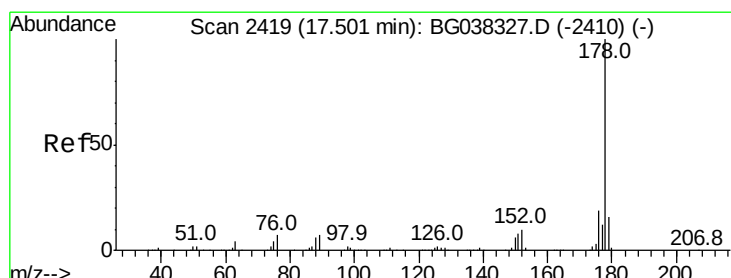
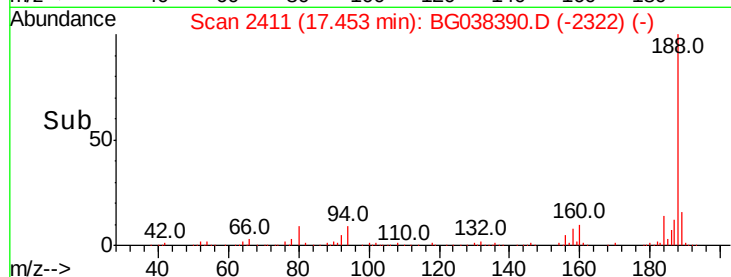
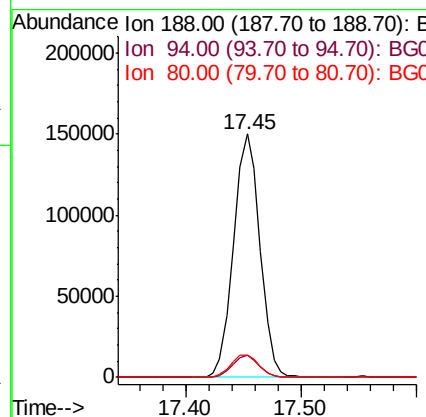
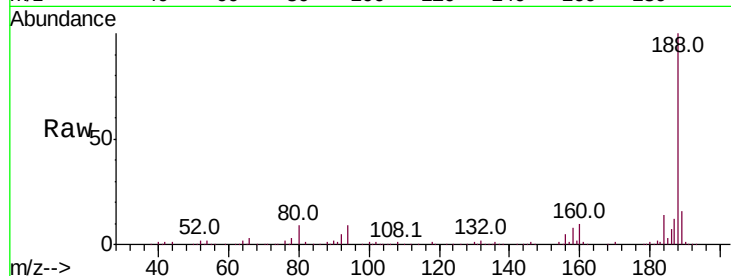
ClientSampleId :

NON-UST-03R-CDL

Tot Ion:	188	Resp:	237492
Ion Ratio	Lower	Upper	
188	100		
94	8.9	7.2	10.8
80	9.3	7.7	11.5

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#71

Phenanthrene

Concen: 3.299 ng

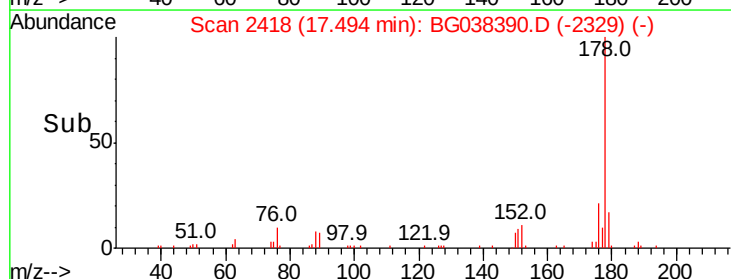
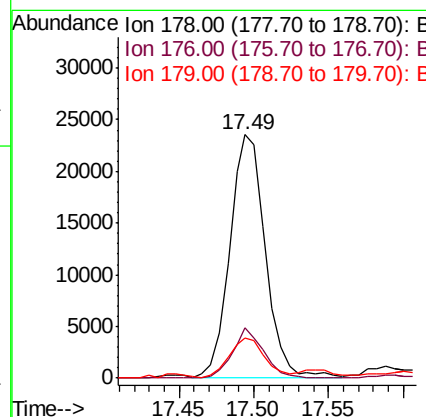
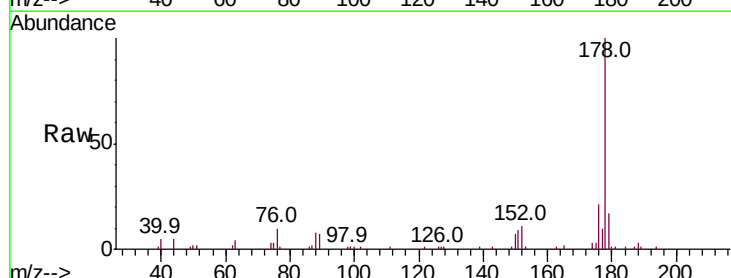
RT: 17.49 min Scan# 2418

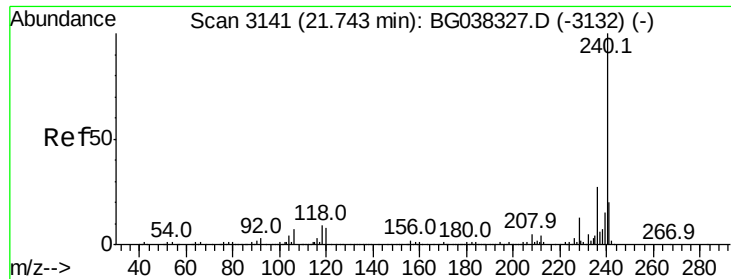
Delta R.T. -0.01 min

Lab File: BG038390.D

Acq: 6 Dec 2018 19:51

Tgt Ion:	178	Resp:	39234
Ion Ratio	Lower	Upper	
178	100		
176	20.7	16.1	24.1
179	16.7	13.0	19.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038390.D

Acq: 6 Dec 2018 19:51

Instrument :

BNA_G

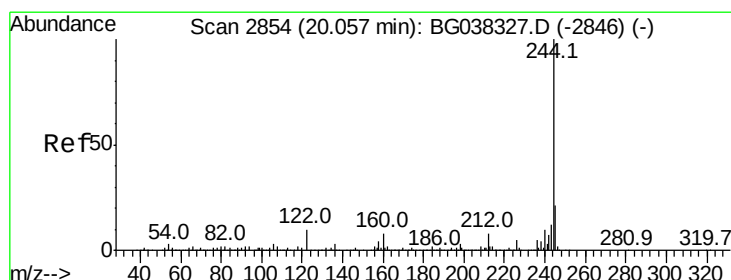
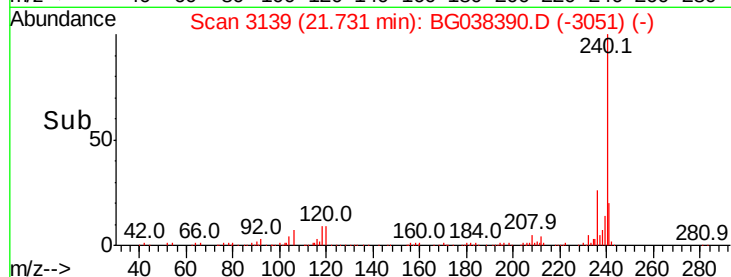
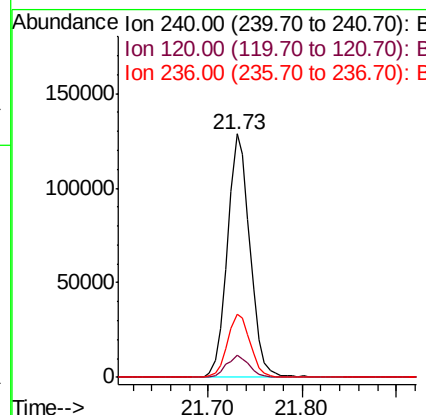
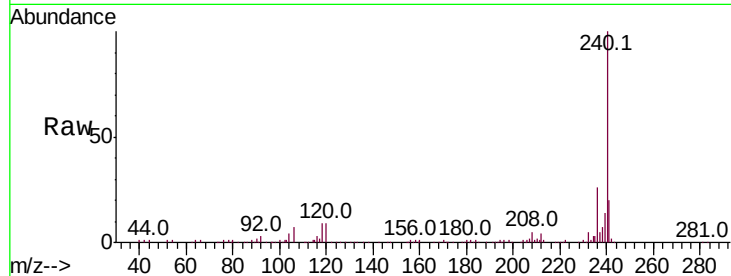
ClientSampleId :

NON-UST-03R-CDL

Tot Ion:	240	Resp:	214332
Ion Ratio	Lower	Upper	
240	100		
120	9.0	8.1	12.1
236	25.8	21.4	32.0

Manual Integrations
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mohammad
12/7/2018 12:20:56 PM



#79

Terphenyl-d14

Concen: 40.046 ng

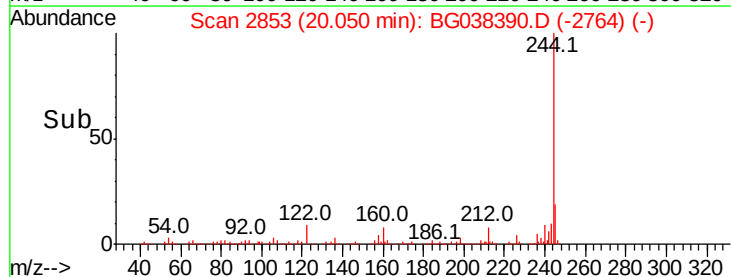
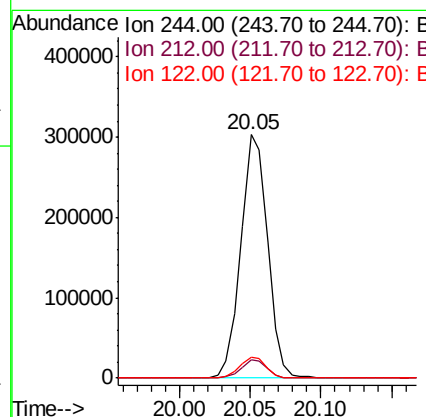
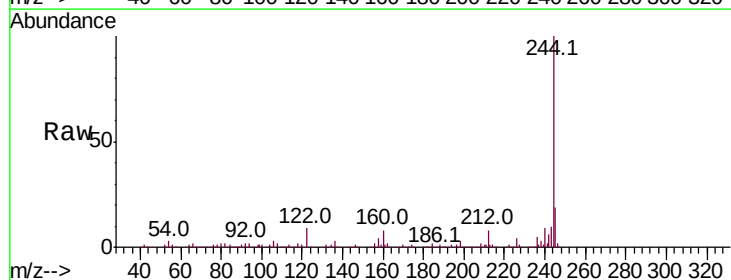
RT: 20.05 min Scan# 2853

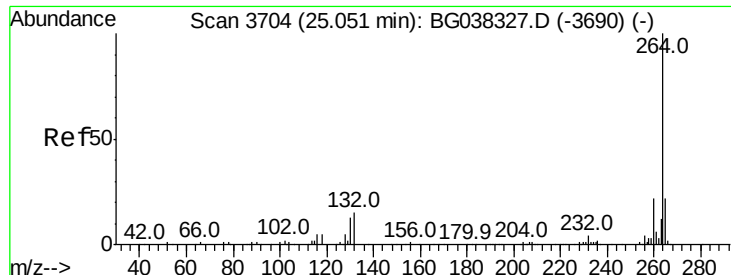
Delta R.T. -0.01 min

Lab File: BG038390.D

Acq: 6 Dec 2018 19:51

Tgt Ion:	244	Resp:	400660
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.5	9.7
122	8.6	9.0	13.4#





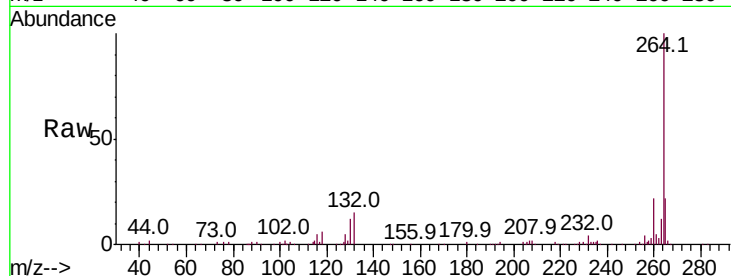
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.04 min Scan# 3702
 Delta R.T. -0.01 min
 Lab File: BG038390.D
 Acq: 6 Dec 2018 19:51

Instrument :
 BNA_G
 ClientSampleId :
 NON-UST-03R-CDL

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.7	17.9	26.9

Manual Integrations
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 12/7/2018 12:20:56 PM



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

