Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_G\DATA\BG062919\
Data File : BG041547.D
Acq On : 29 Jun 2019 15:31
Operator : HP/JU
Sample : K3568-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RW-1

Manual Integrations APPROVED
mohammad
7/1/2019 5:58:24 PM

Quant Time: Jun 30 01:24:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29641	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	100173	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	72864	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	191607	20.00	ng		0.00
76) Chrysene-d12	21.70	240	232488	20.00	ng		0.00
87) Perylene-d12	24.99	264	257522	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	87588	52.68	ng		0.00
7) Phenol-d6	7.18	99	73491	31.40	ng		0.00
23) Nitrobenzene-d5	9.21	82	214667	89.38	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	168729	135.62	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	492278	86.70	ng		0.00
79) Terphenyl-d14	20.03	244	1018560	93.10	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	12.51	142	122593	29.954	ng		98
38) 1-Methylnaphthalene	12.73	142	281774m	72.165	ng		
52) Acenaphthene	14.74	154	17431	3.982	ng		92
55) Dibenzofuran	15.08	168	24417	3.204	ng	#	95
58) Fluorene	15.72	166	35133	5.796	ng	#	99
71) Phenanthrene	17.47	178	40388	3.826	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_G\DATA\BG062919\
Data File : BG041547.D
Acq On : 29 Jun 2019 15:31
Operator : HP/JU
Sample : K3568-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 30 01:24:10 2019
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
RW-1

Manual Integrations APPROVED
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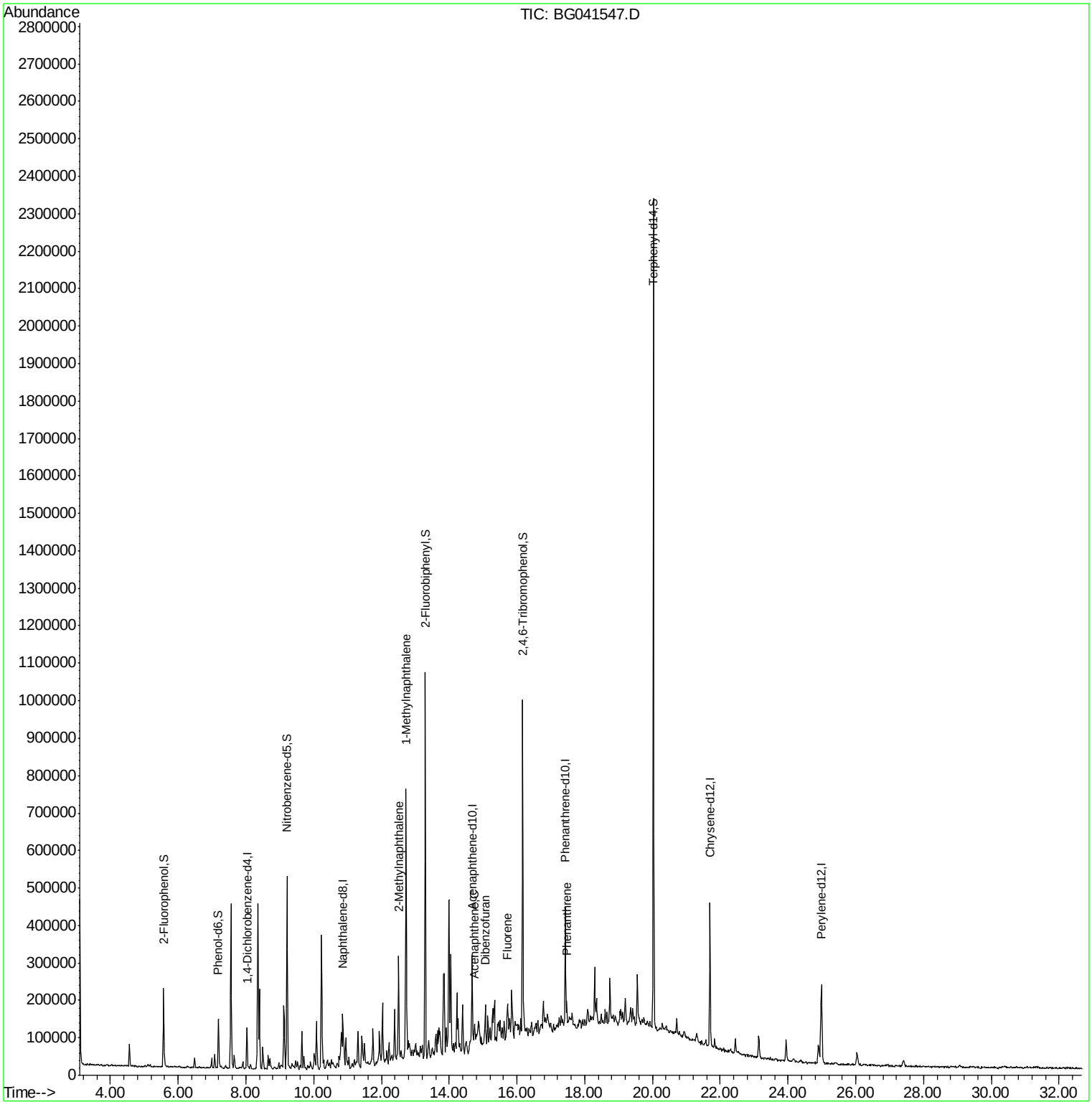
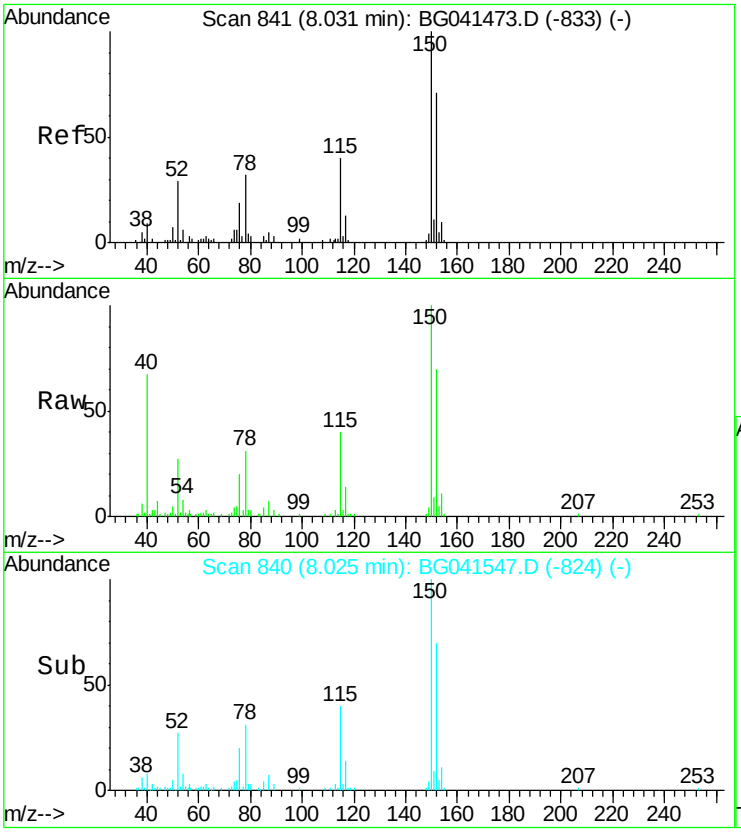
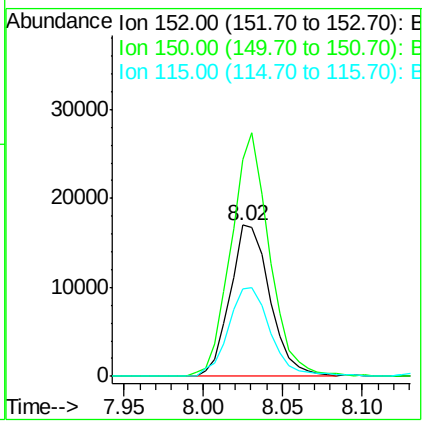




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG041547.D
Acq: 29 Jun 2019 15:31

Tgt Ion:152 Resp: 29641

Ion	Ratio	Lower	Upper
152	100		
150	143.6	112.4	168.6
115	57.8	44.6	66.8



Instrument :
BNA_G
ClientSampleId :
RW-1

Manual Integrations APPROVED
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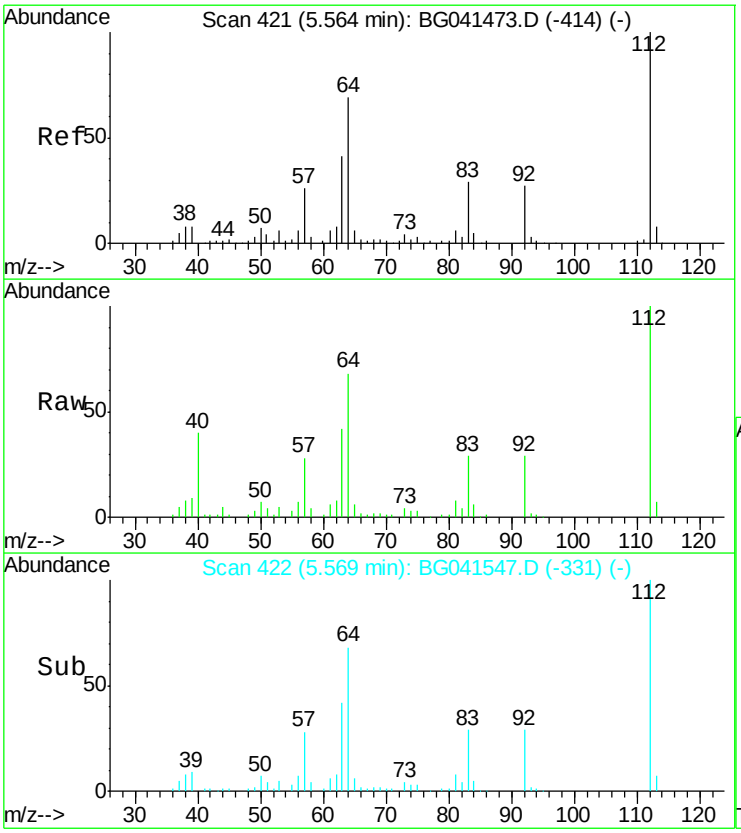
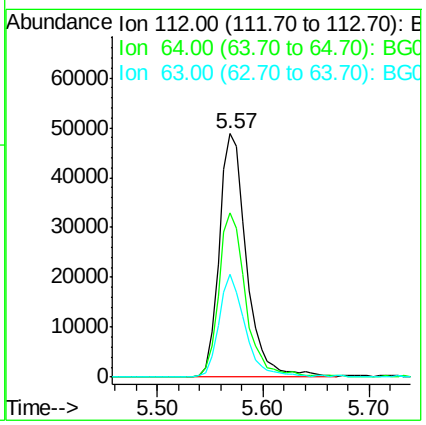
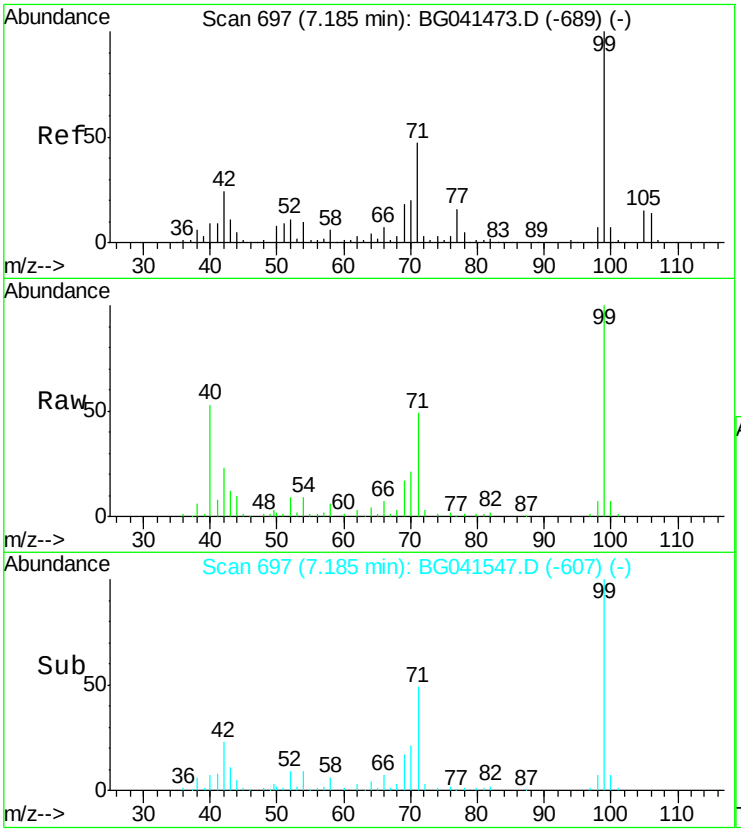


#5
2-Fluorophenol
Concen: 52.683 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG041547.D
Acq: 29 Jun 2019 15:31

Tgt Ion:112 Resp: 87588

Ion	Ratio	Lower	Upper
112	100		
64	67.6	55.1	82.7
63	42.1	32.4	48.6

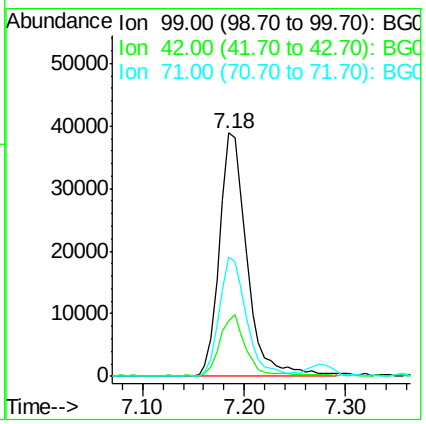




#7
Phenol-d6
Concen: 31.400 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.00 min
Lab File: BG041547.D
Acq: 29 Jun 2019 15:31

Tgt Ion: 99 Resp: 73491

Ion	Ratio	Lower	Upper
99	100		
42	22.9	19.0	28.6
71	49.1	37.4	56.2



Instrument :
BNA_G
ClientSampleId :
RW-1

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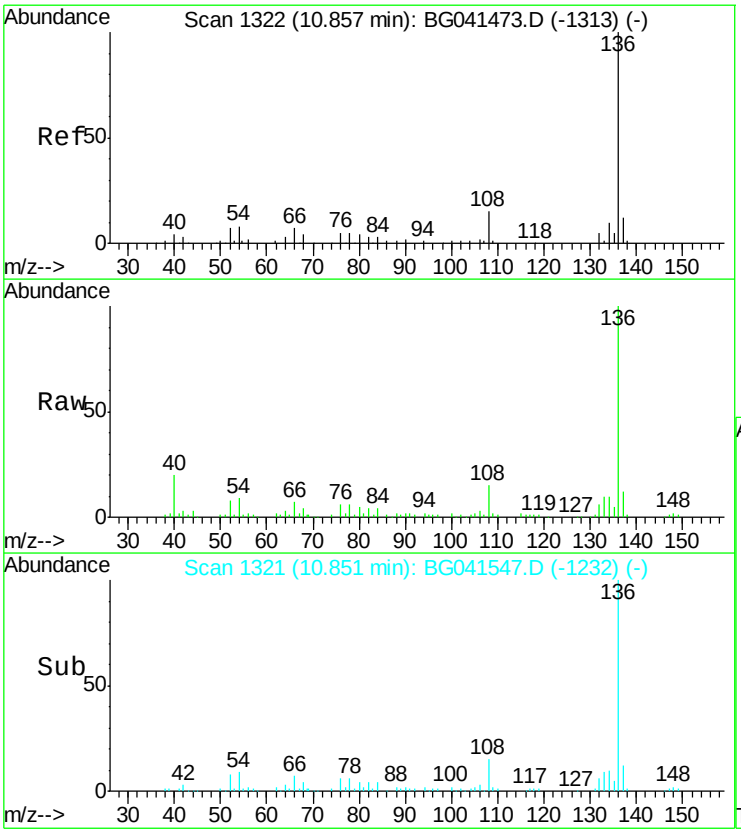
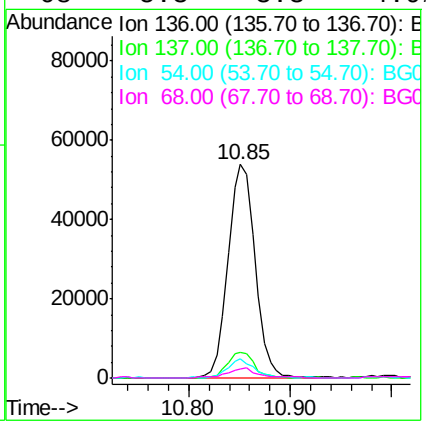
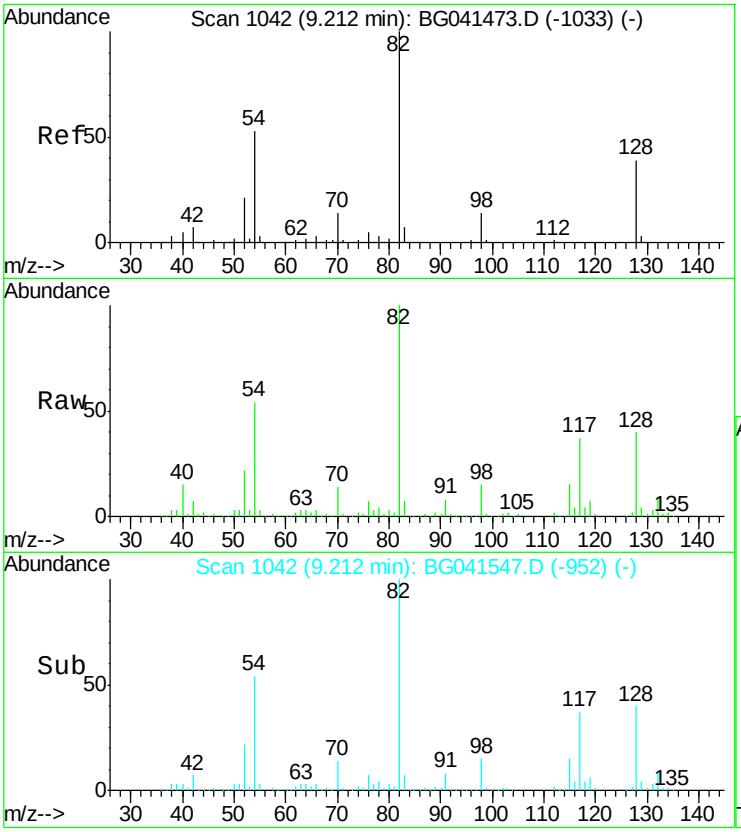


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041547.D
Acq: 29 Jun 2019 15:31

Tgt Ion:136 Resp: 100173

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.3	13.9
54	9.2	7.1	10.7
68	5.3	3.3	4.9#

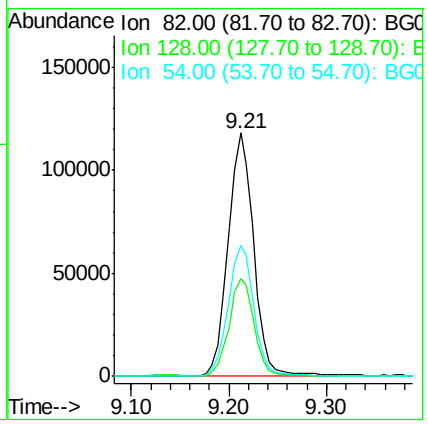




#23
Nitrobenzene-d5
Concen: 89.377 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041547.D
Acq: 29 Jun 2019 15:31

Tgt Ion: 82 Resp: 214667

Ion	Ratio	Lower	Upper
82	100		
128	40.3	30.9	46.3
54	53.8	42.2	63.2



Instrument :
BNA_G
ClientSampleId :
RW-1

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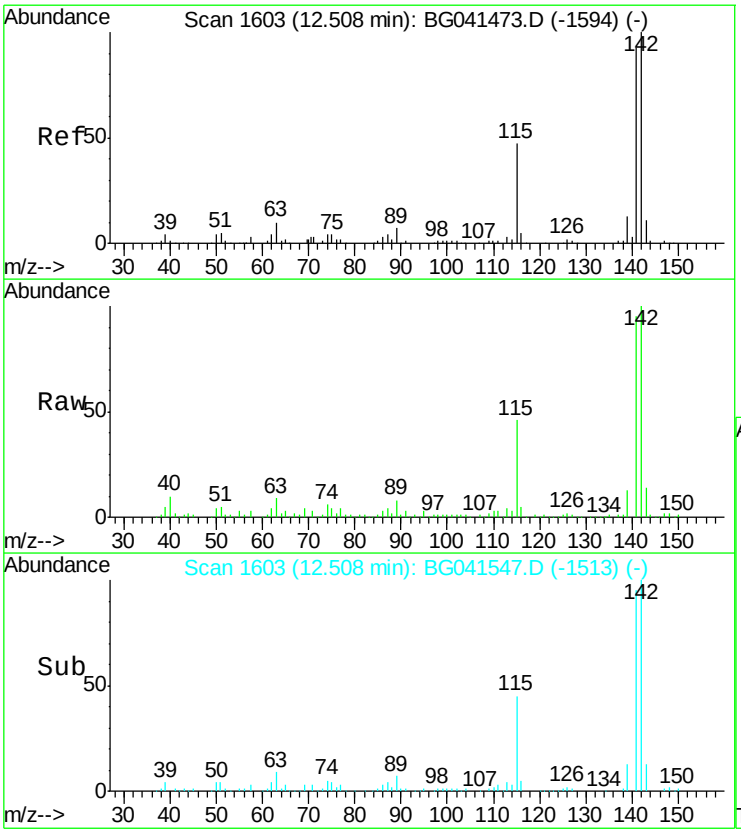
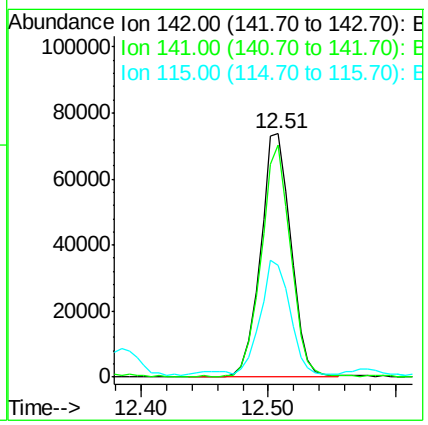
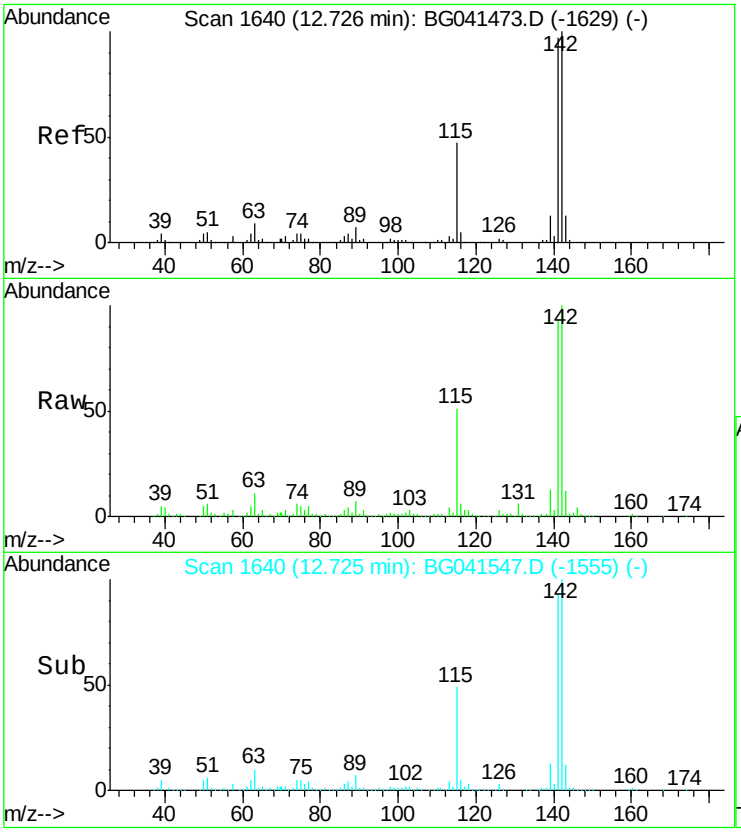


#37
2-Methylnaphthalene
Concen: 29.954 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG041547.D
Acq: 29 Jun 2019 15:31

Tgt Ion:142 Resp: 122593

Ion	Ratio	Lower	Upper
142	100		
141	95.4	74.8	112.2
115	46.0	38.0	57.0





#38
1-Methylnaphthalene
Concen: 72.165 ng m
RT: 12.73 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG041547.D
Acq: 29 Jun 2019 15:31

Tgt Ion:142 Resp: 281774

Ion	Ratio	Lower	Upper
142	100		
141	93.3	77.4	116.2
116	6.2	3.8	5.8#

Instrument :
BNA_G
ClientSampleId :
RW-1

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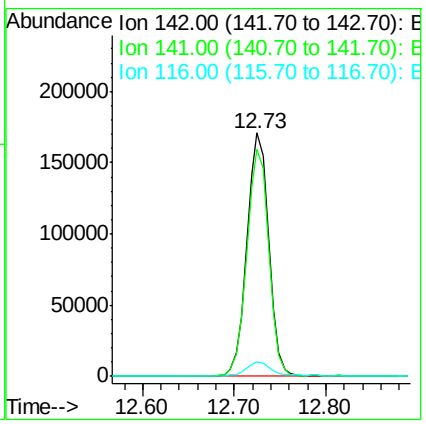
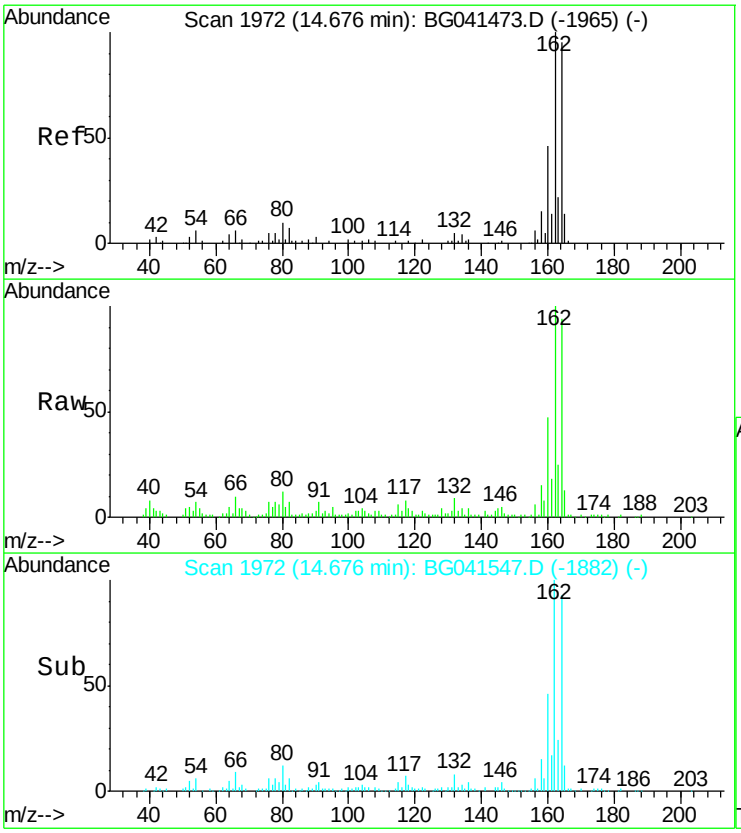
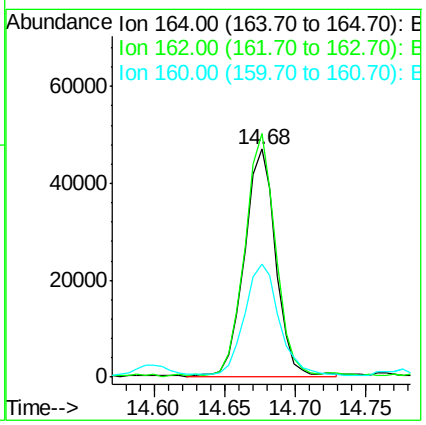


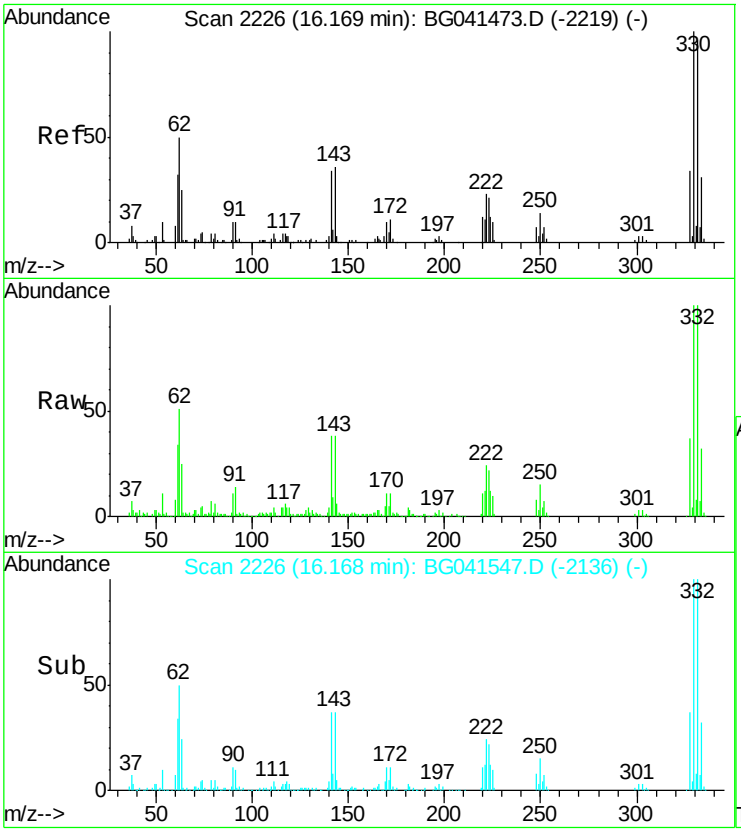


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041547.D
Acq: 29 Jun 2019 15:31

Tgt Ion:164 Resp: 72864

Ion	Ratio	Lower	Upper
164	100		
162	106.8	84.4	126.6
160	49.8	38.8	58.2

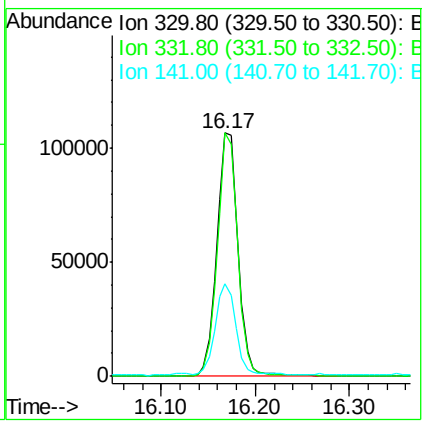




#42
2,4,6-Tribromophenol
Concen: 135.623 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG041547.D
Acq: 29 Jun 2019 15:31

Tgt Ion:330 Resp: 168729

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.5	113.3
141	37.0	27.8	41.6



Instrument :
BNA_G
ClientSampleId :
RW-1

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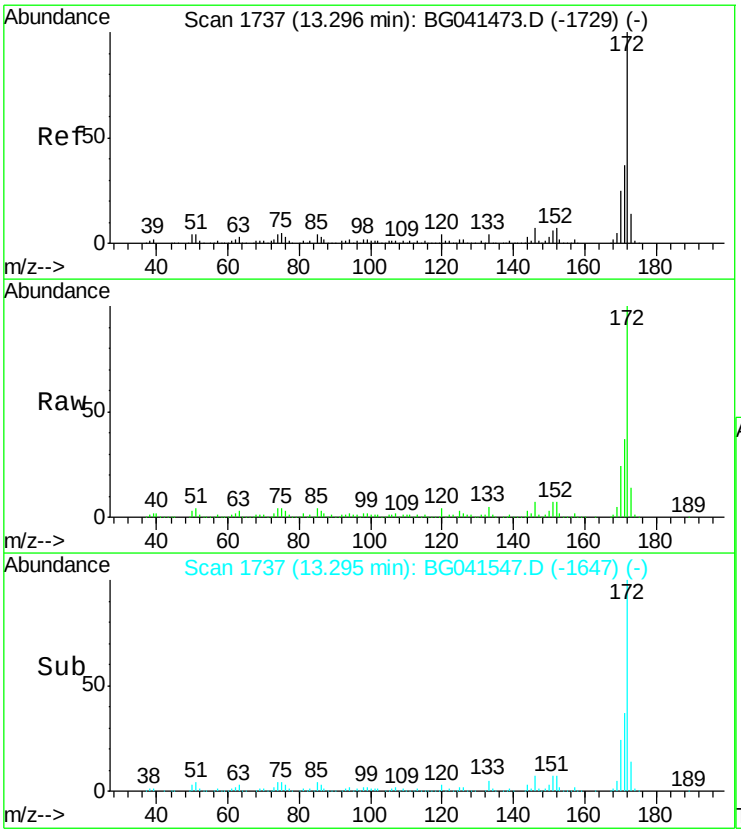
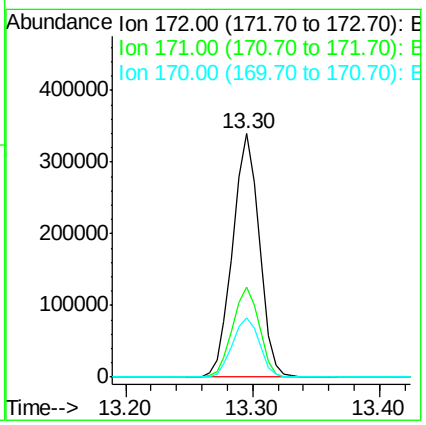
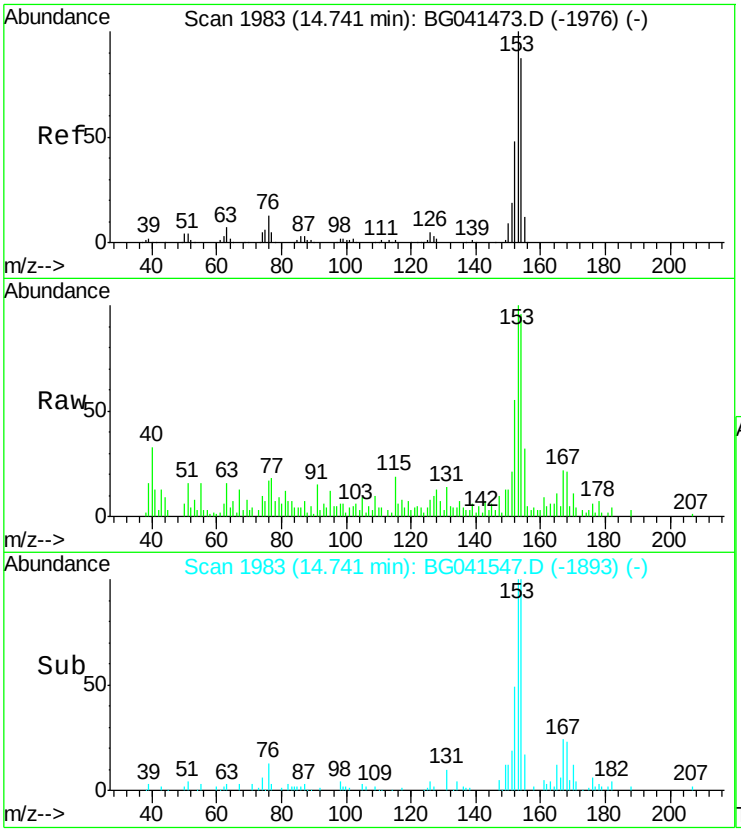


#45
2-Fluorobiphenyl
Concen: 86.699 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041547.D
Acq: 29 Jun 2019 15:31

Tgt Ion:172 Resp: 492278

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	24.4	20.0	30.0

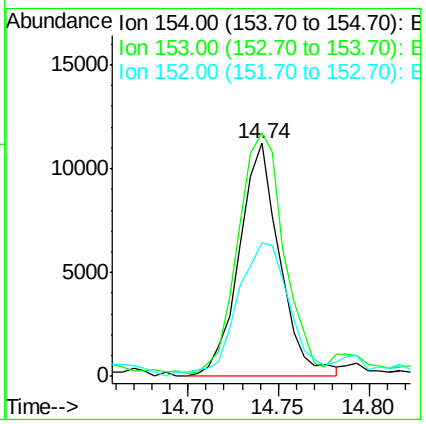




#52
Acenaphthene
Concen: 3.982 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG041547.D
Acq: 29 Jun 2019 15:31

Tgt Ion:154 Resp: 17431

Ion	Ratio	Lower	Upper
154	100		
153	104.5	92.2	138.4
152	57.3	44.1	66.1



Instrument :
BNA_G
ClientSampleId :
RW-1

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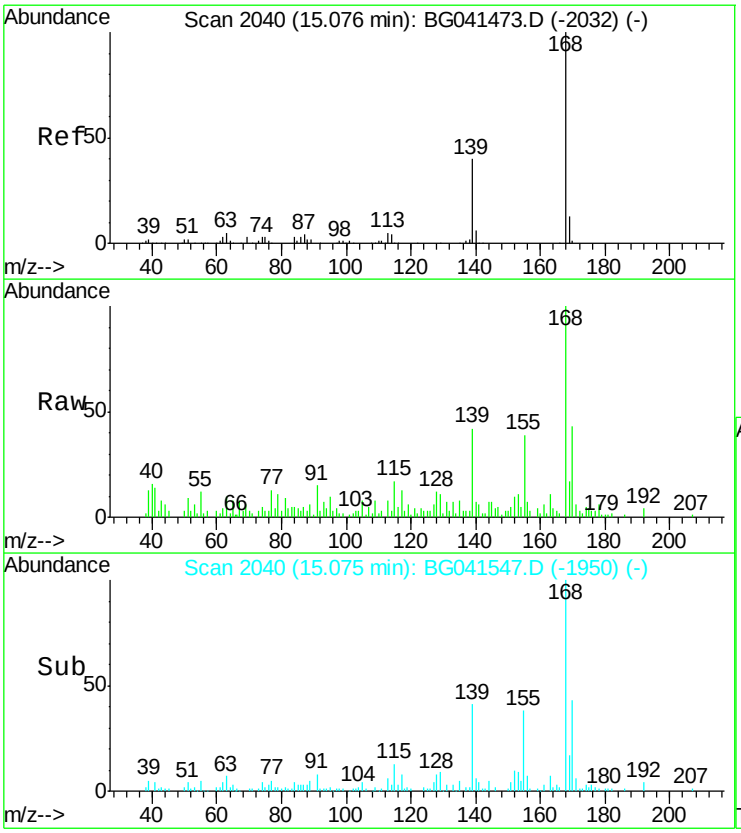
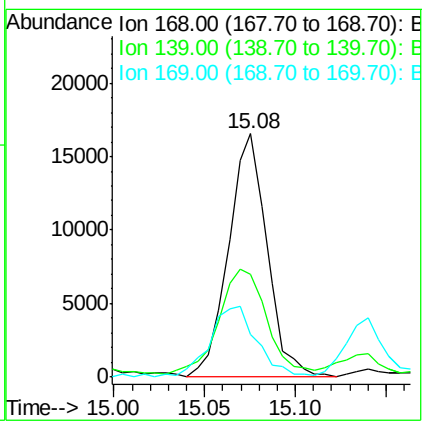
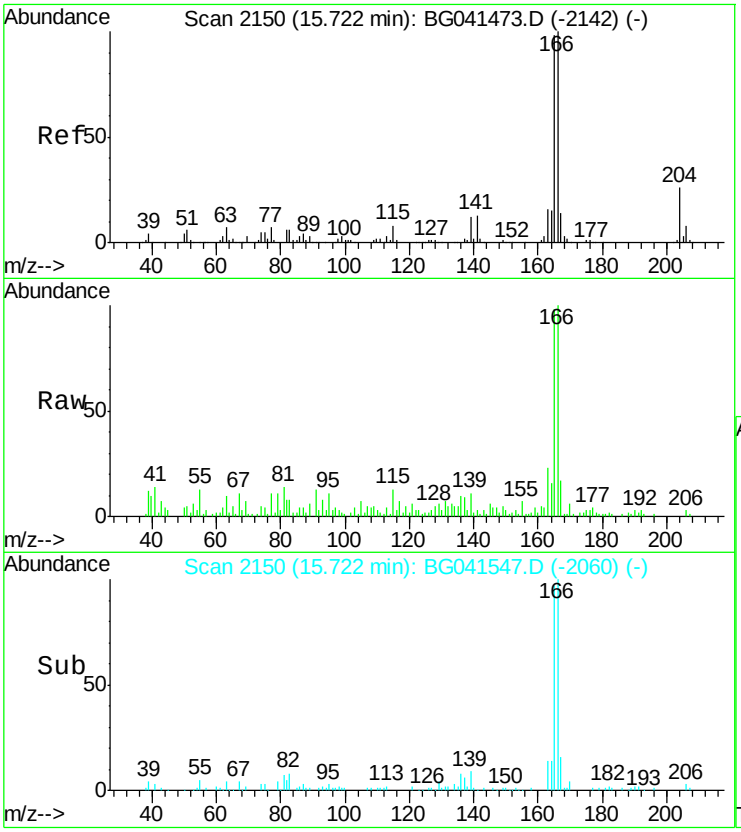


#55
Dibenzofuran
Concen: 3.204 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG041547.D
Acq: 29 Jun 2019 15:31

Tgt Ion:168 Resp: 24417

Ion	Ratio	Lower	Upper
168	100		
139	42.4	32.2	48.4
169	17.3	10.6	16.0#





#58
Fluorene
Concen: 5.796 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG041547.D
Acq: 29 Jun 2019 15:31

Tgt Ion:166 Resp: 35133

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	17.2	11.4	17.0#

Instrument :
BNA_G
ClientSampleId :
RW-1

Manual Integrations APPROVED
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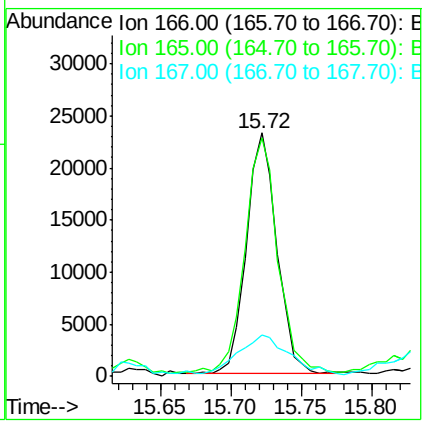
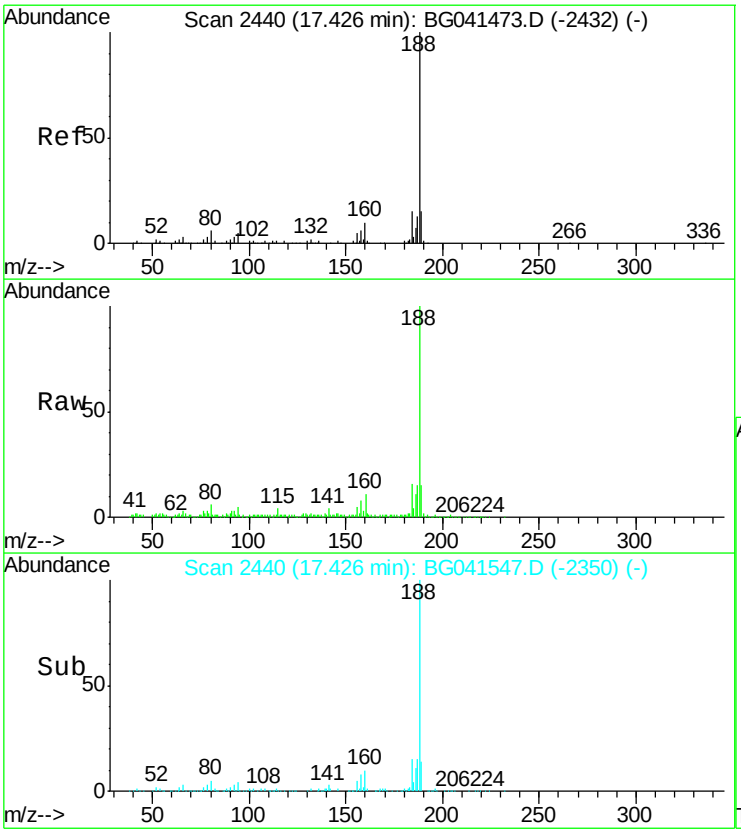
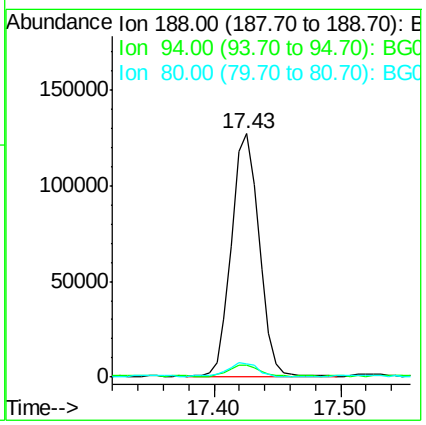


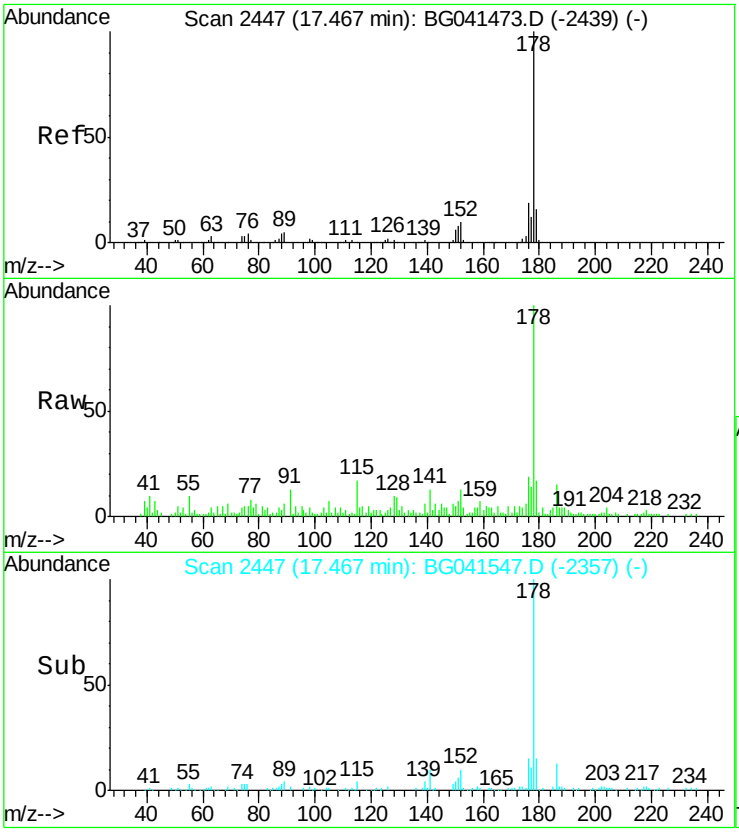


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041547.D
Acq: 29 Jun 2019 15:31

Tgt Ion:188 Resp: 191607

Ion	Ratio	Lower	Upper
188	100		
94	5.1	3.8	5.8
80	5.6	4.8	7.2

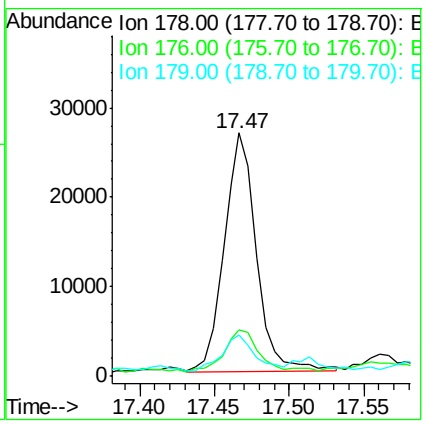




#71
Phenanthrene
Concen: 3.826 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG041547.D
Acq: 29 Jun 2019 15:31

Tgt Ion:178 Resp: 40388

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	17.0	13.0	19.4



Instrument :
BNA_G
ClientSampleId :
RW-1

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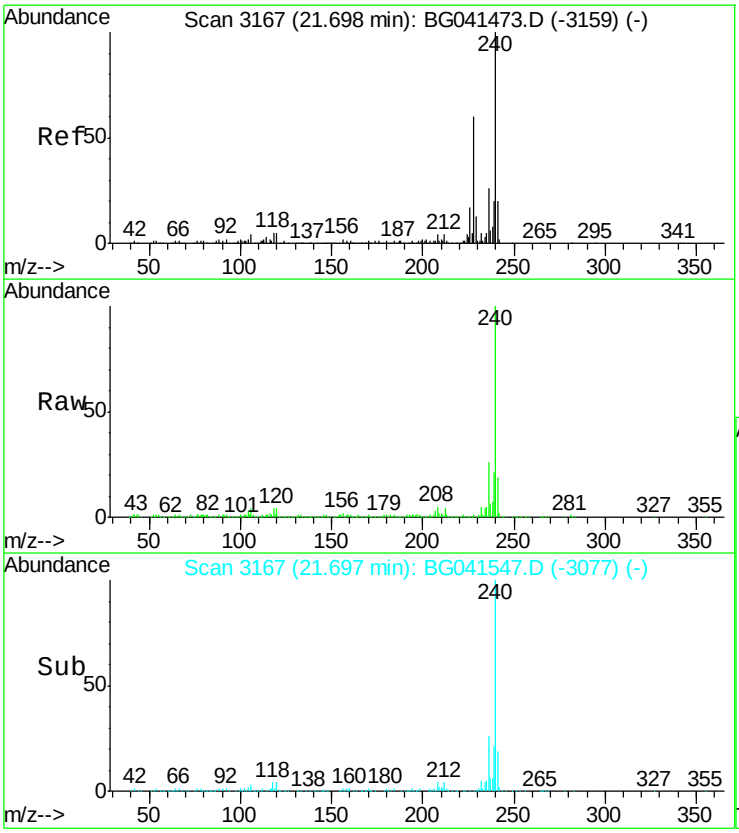
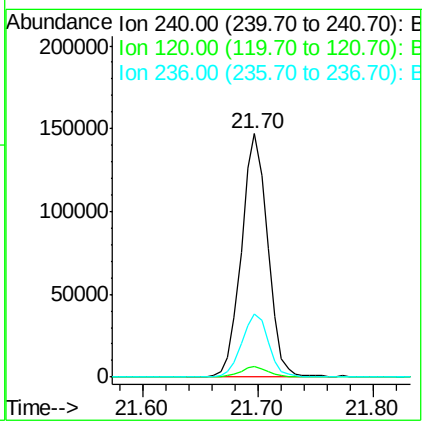
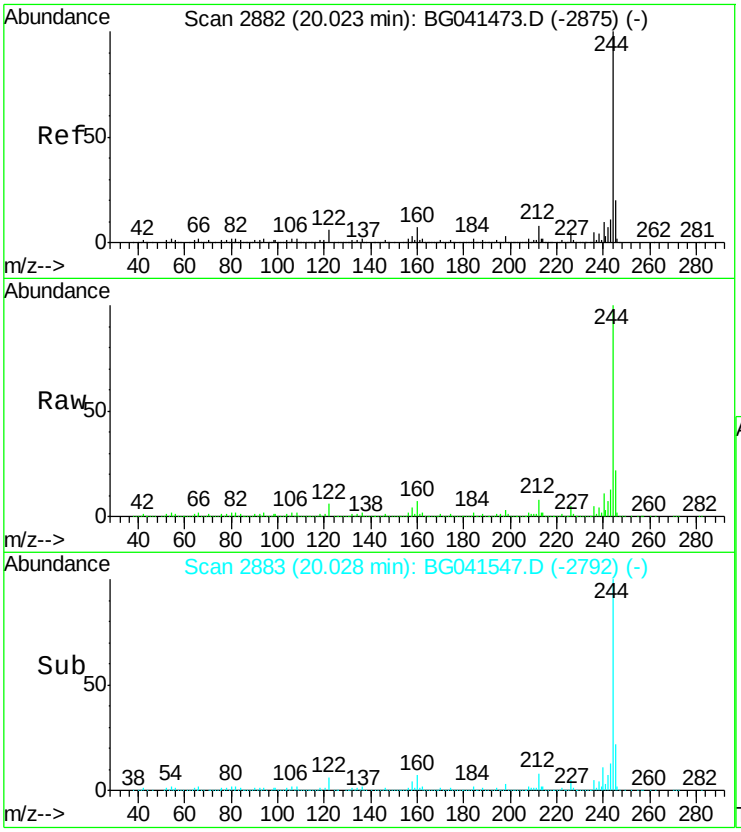


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041547.D
Acq: 29 Jun 2019 15:31

Tgt Ion:240 Resp: 232488

Ion	Ratio	Lower	Upper
240	100		
120	4.3	3.7	5.5
236	25.9	20.8	31.2

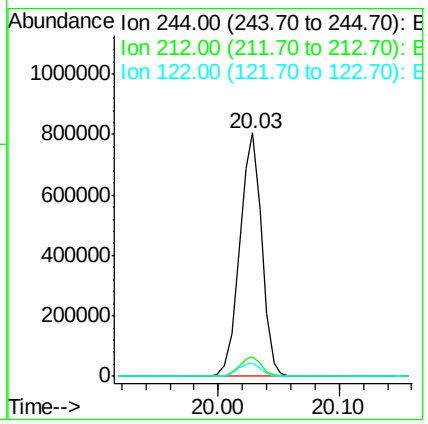




#79
Terphenyl-d14
Concen: 93.103 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.01 min
Lab File: BG041547.D
Acq: 29 Jun 2019 15:31

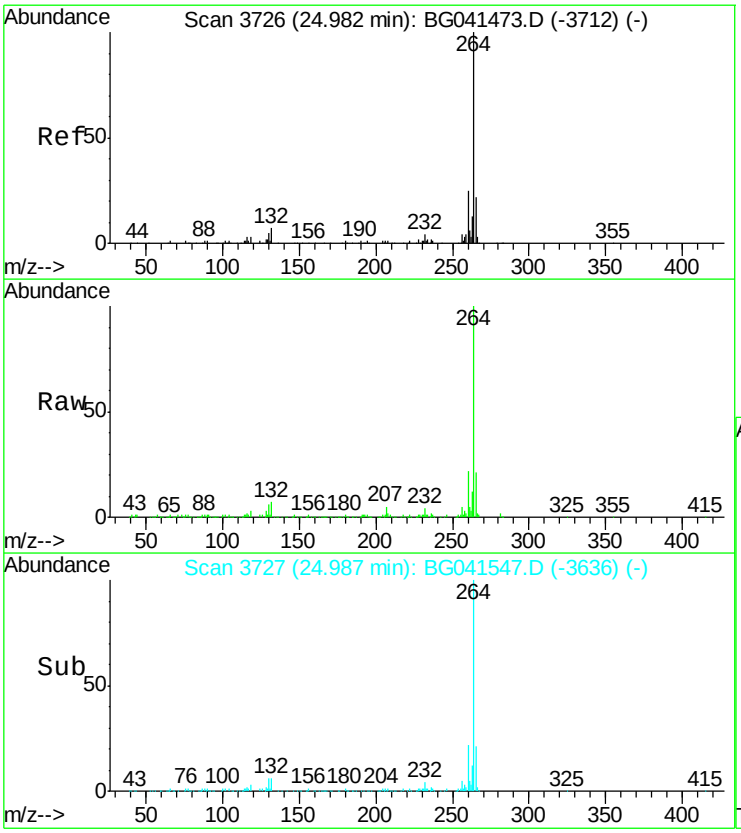
Tgt Ion:244 Resp: 1018560

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.4
122	5.6	4.8	7.2



Instrument :
BNA_G
ClientSampleId :
RW-1

Manual Integrations APPROVED
mohammad
7/1/2019 5:58:24 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3727
Delta R.T. 0.01 min
Lab File: BG041547.D
Acq: 29 Jun 2019 15:31

Tgt Ion:264 Resp: 257522

Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.7	29.5
265	20.9	17.4	26.2