Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
Data File : BG042697.D
Acq On : 3 Sep 2019 20:24
Operator : HP/JU
Sample : K4602-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAR-C1-C4-(0-3.11)

Manual Integrations APPROVED
mohammad
9/6/2019 8:17:40 AM

Quant Time: Sep 04 04:58:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	34561	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	135473	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	105295	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	232034	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	257404	20.00	ng	-0.01
87) Perylene-d12	24.92	264	309640	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	141369	82.84	ng	0.00
7) Phenol-d6	7.16	99	191618	83.13	ng	-0.01
23) Nitrobenzene-d5	9.16	82	112277	57.27	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	132404	88.47	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	315627	50.70	ng	0.00
79) Terphenyl-d14	20.02	244	549684	46.17	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.19	94	9747	4.159	ng	88
50) Dimethylphthalate	14.10	163	43334	5.704	ng	98
75) Fluoranthene	19.46	202	37631	2.675	ng	93
78) Pyrene	19.83	202	34984m	2.217	ng	
83) Chrysene	21.73	228	35475	2.349	ng	94
88) Benzo(b)fluoranthene	23.90	252	59839	3.515	ng	99
90) Benzo(a)pyrene	24.77	252	35283	2.184	ng	98

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

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BNA_G
ClientSampleId :
PAR-C1-C4-(0-3.11)

Manual Integrations APPROVED
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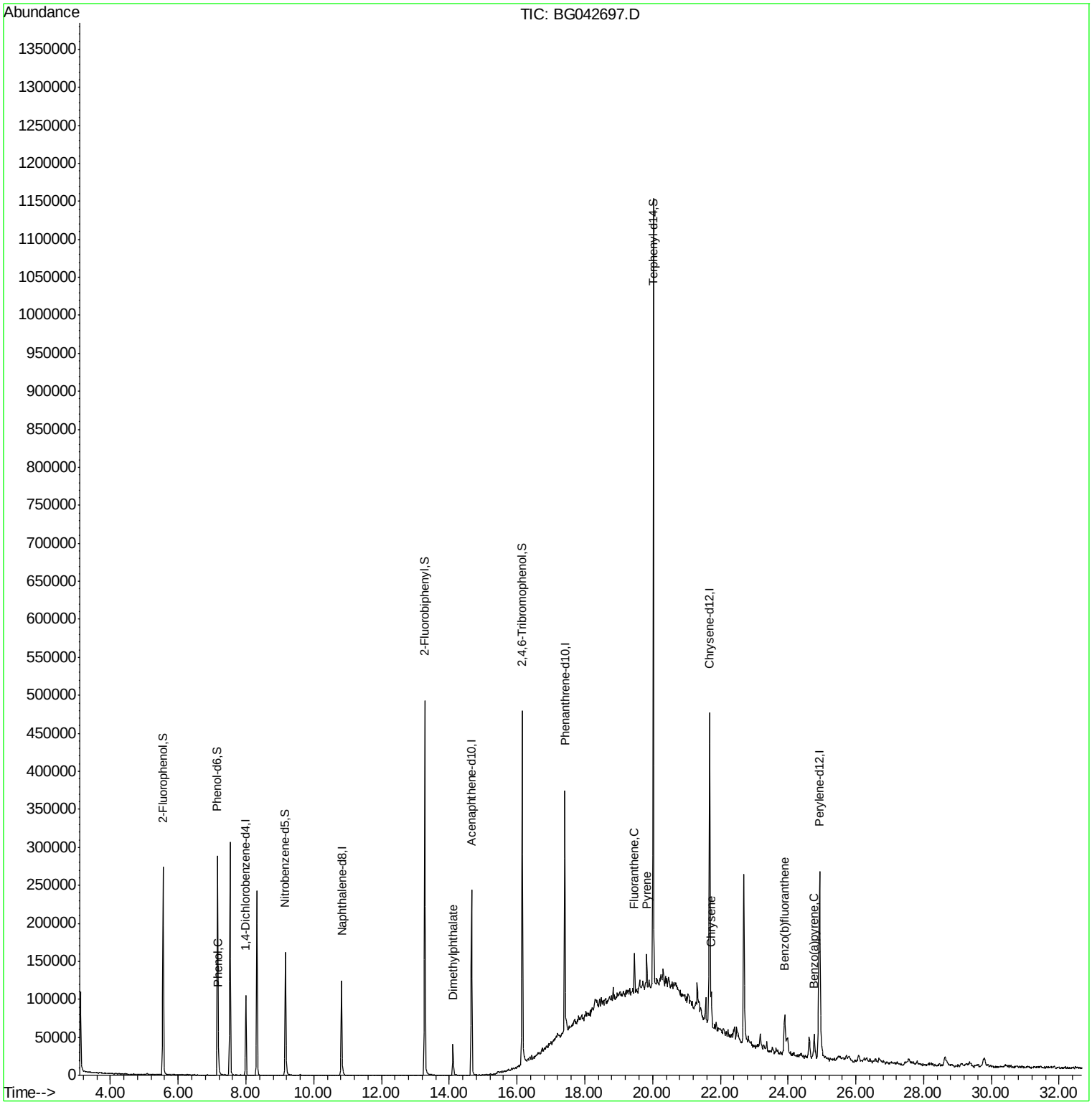
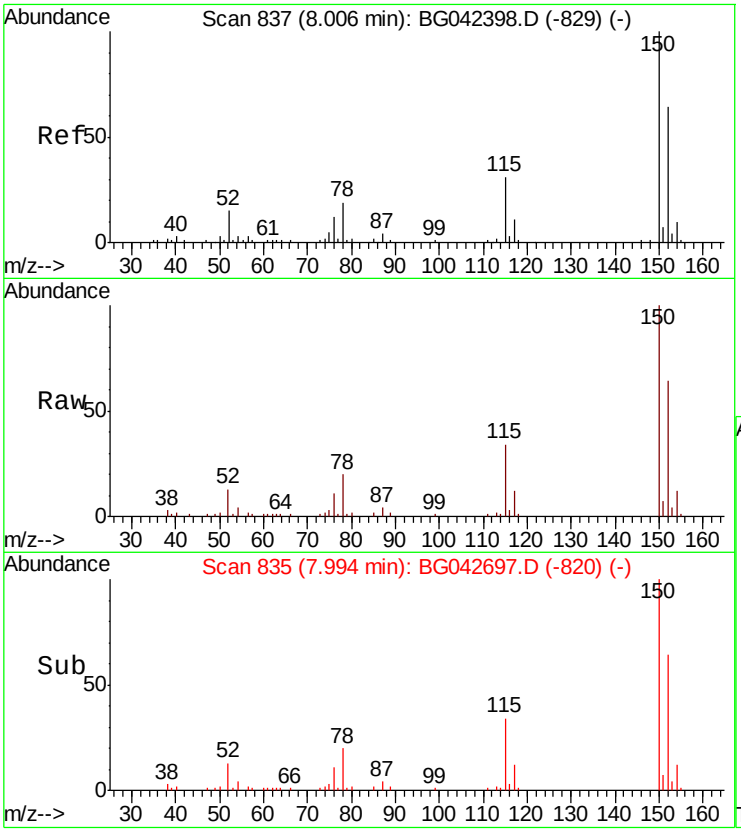
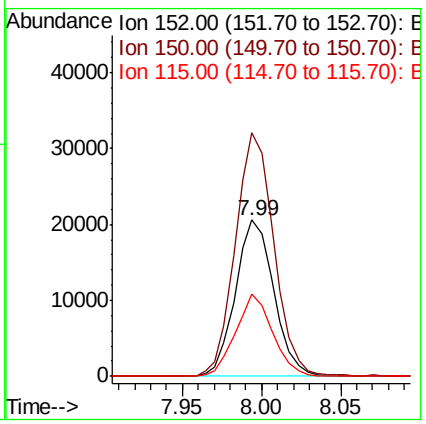




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042697.D
Acq: 3 Sep 2019 20:24

Tgt Ion:152 Resp: 34561

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.4	188.0
115	52.3	38.5	57.7



Instrument :
BNA_G
ClientSampleId :
PAR-C1-C4-(0-3.11)

Manual Integrations APPROVED
mohammad
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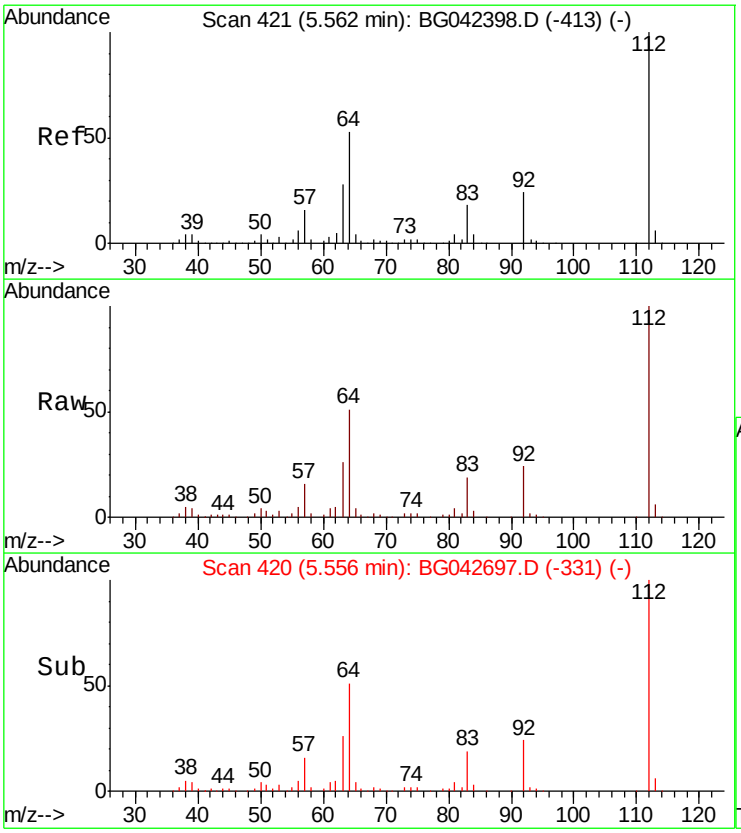
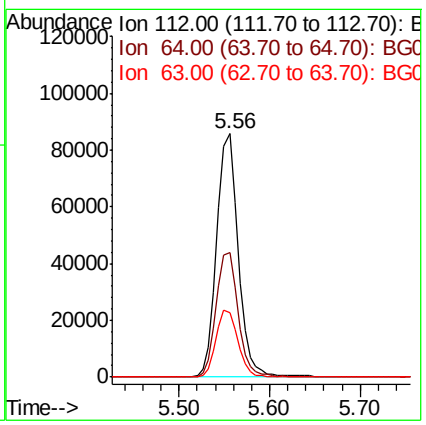
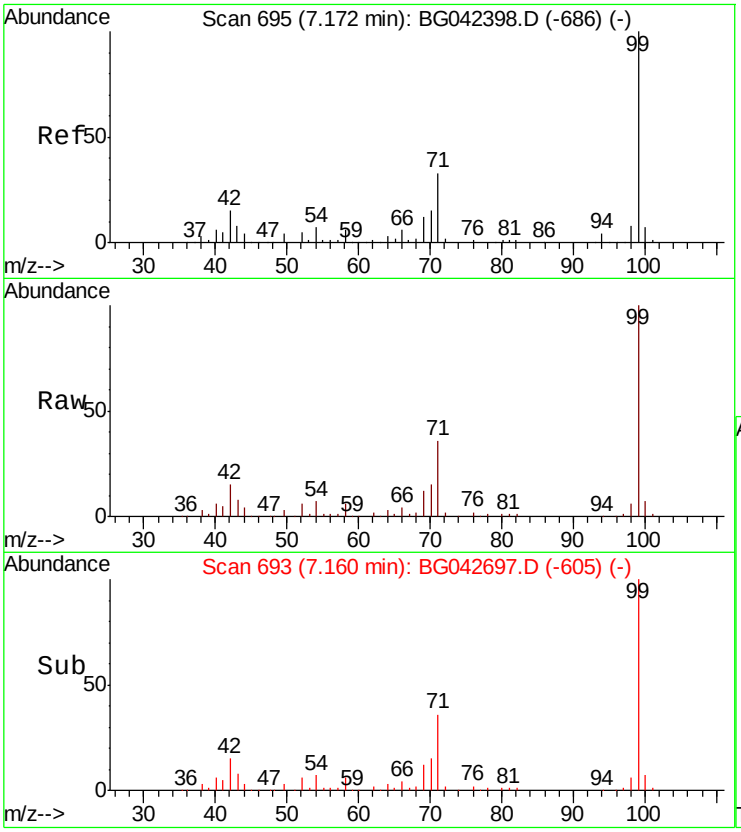


#5
2-Fluorophenol
Concen: 82.843 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042697.D
Acq: 3 Sep 2019 20:24

Tgt Ion:112 Resp: 141369

Ion	Ratio	Lower	Upper
112	100		
64	51.2	42.8	64.2
63	26.3	22.7	34.1

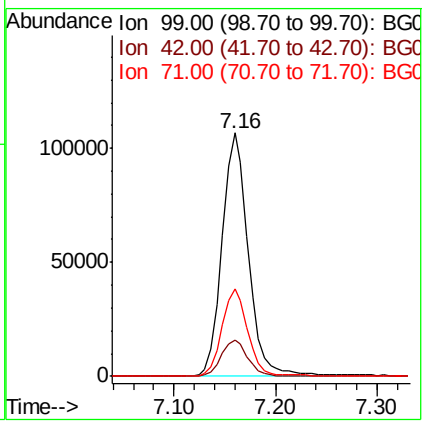




#7
Phenol-d6
Concen: 83.129 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042697.D
Acq: 3 Sep 2019 20:24

Tgt Ion: 99 Resp: 191618

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.0	18.0
71	36.0	26.3	39.5



Instrument :
BNA_G
ClientSampleId :
PAR-C1-C4-(0-3.11)

Manual Integrations APPROVED
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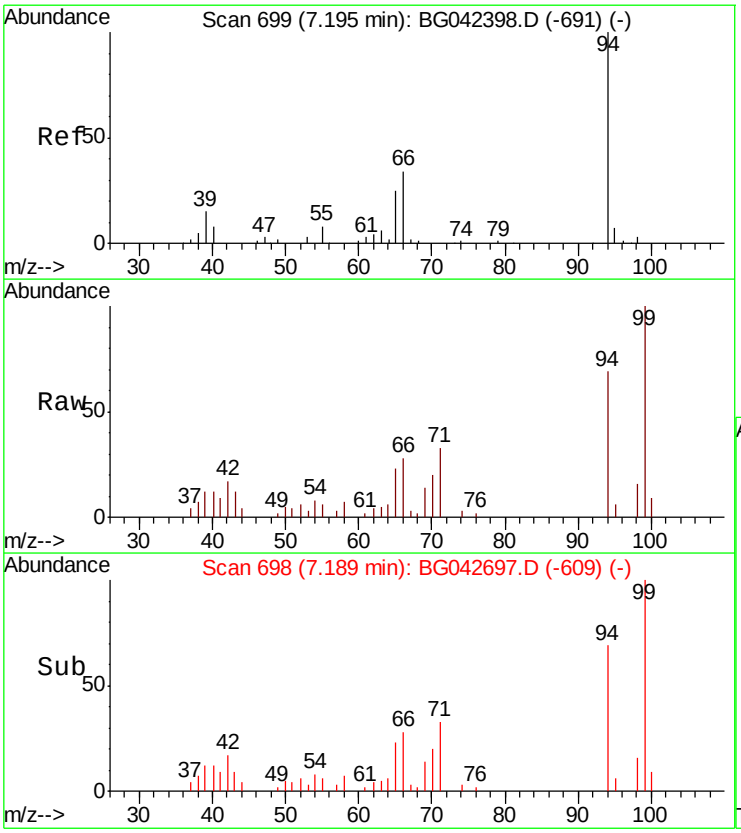
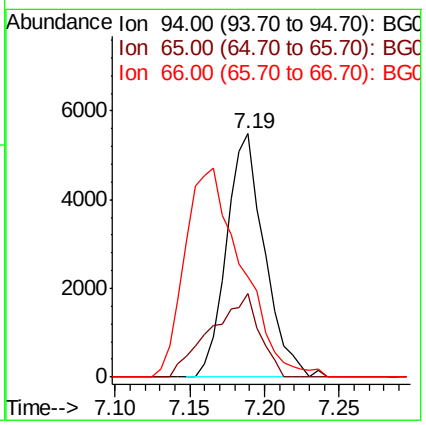
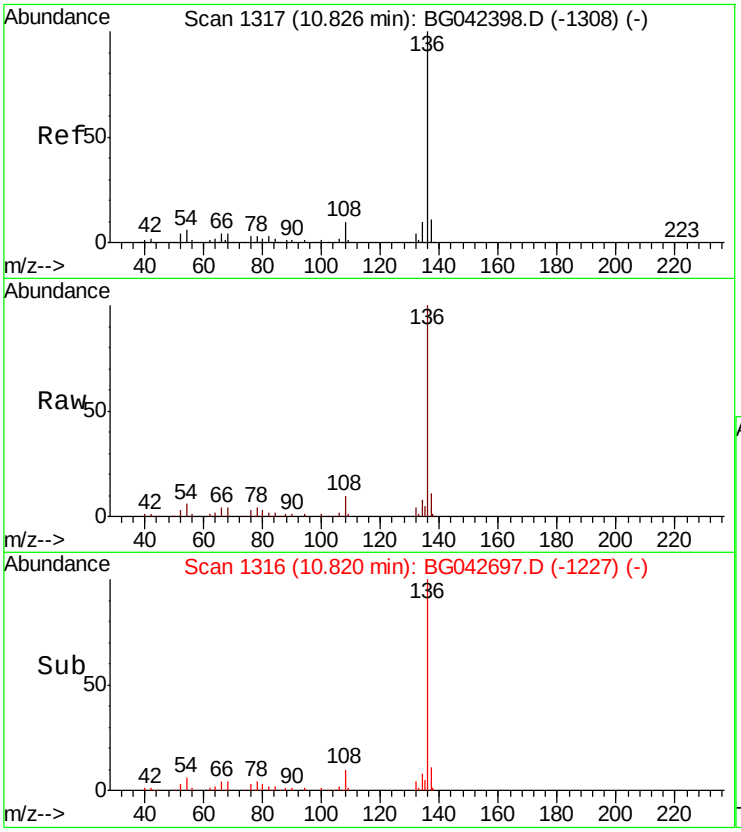


#10
Phenol
Concen: 4.159 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG042697.D
Acq: 3 Sep 2019 20:24

Tgt Ion: 94 Resp: 9747

Ion	Ratio	Lower	Upper
94	100		
65	34.2	5.6	45.6
66	41.1	16.0	56.0

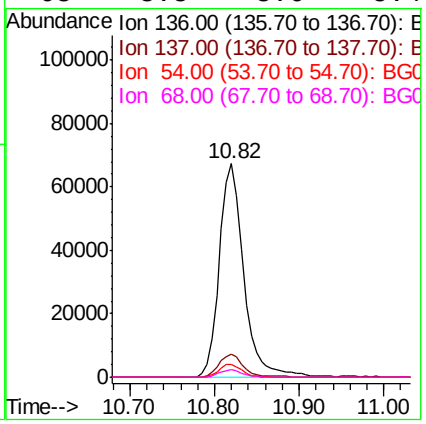




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042697.D
Acq: 3 Sep 2019 20:24

Tgt Ion:136 Resp: 135473

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.3	4.9	7.3
68	3.8	3.6	5.4



Instrument :
BNA_G
ClientSampleId :
PAR-C1-C4-(0-3.11)

Manual Integrations APPROVED
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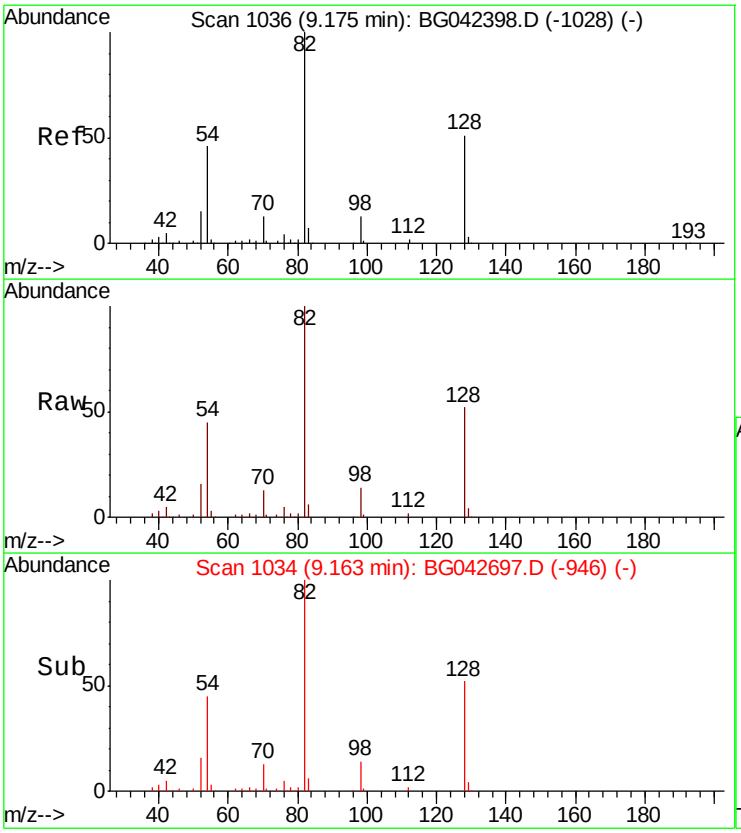
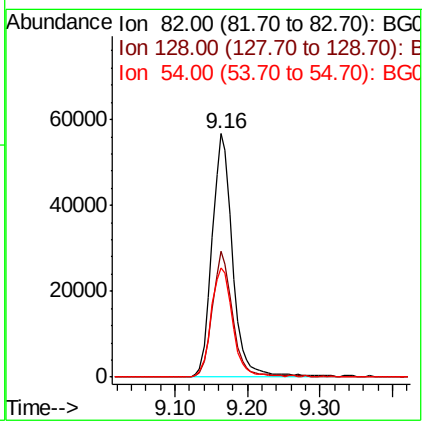
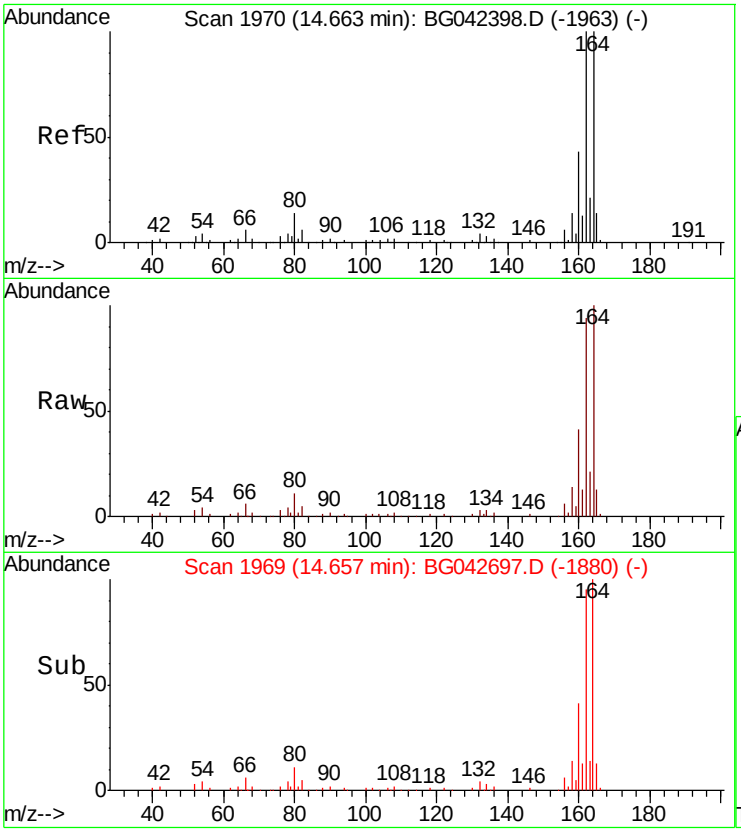


#23
Nitrobenzene-d5
Concen: 57.272 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042697.D
Acq: 3 Sep 2019 20:24

Tgt Ion: 82 Resp: 112277

Ion	Ratio	Lower	Upper
82	100		
128	51.6	40.7	61.1
54	44.7	36.3	54.5

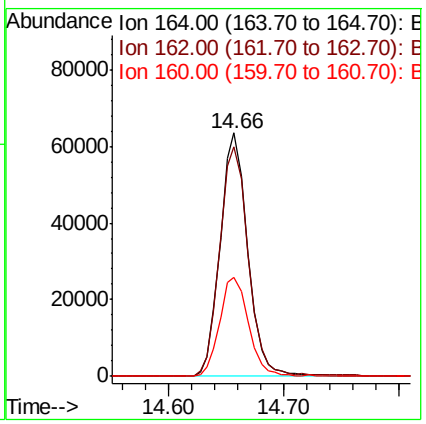




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042697.D
Acq: 3 Sep 2019 20:24

Tgt Ion:164 Resp: 105295

Ion	Ratio	Lower	Upper
164	100		
162	94.5	79.9	119.9
160	40.9	34.3	51.5



Instrument :
BNA_G
ClientSampleId :
PAR-C1-C4-(0-3.11)

Manual Integrations APPROVED
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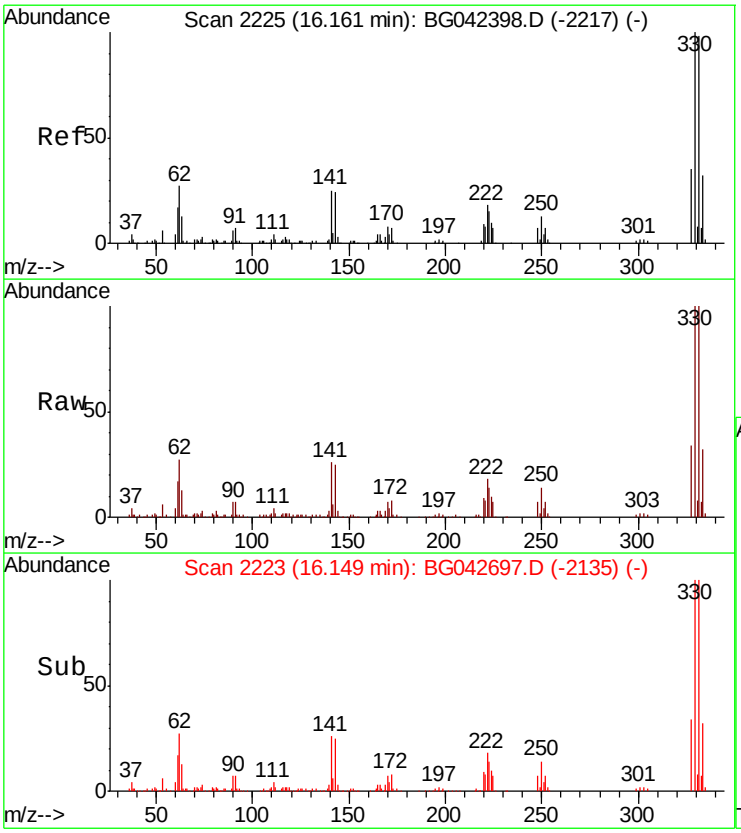
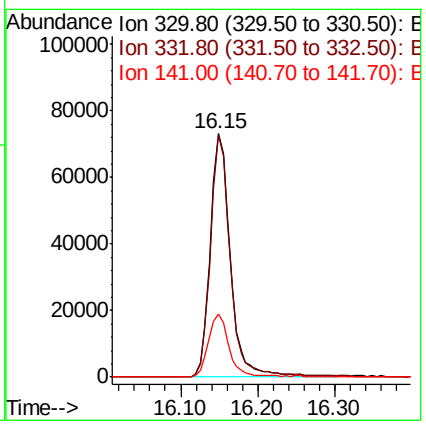
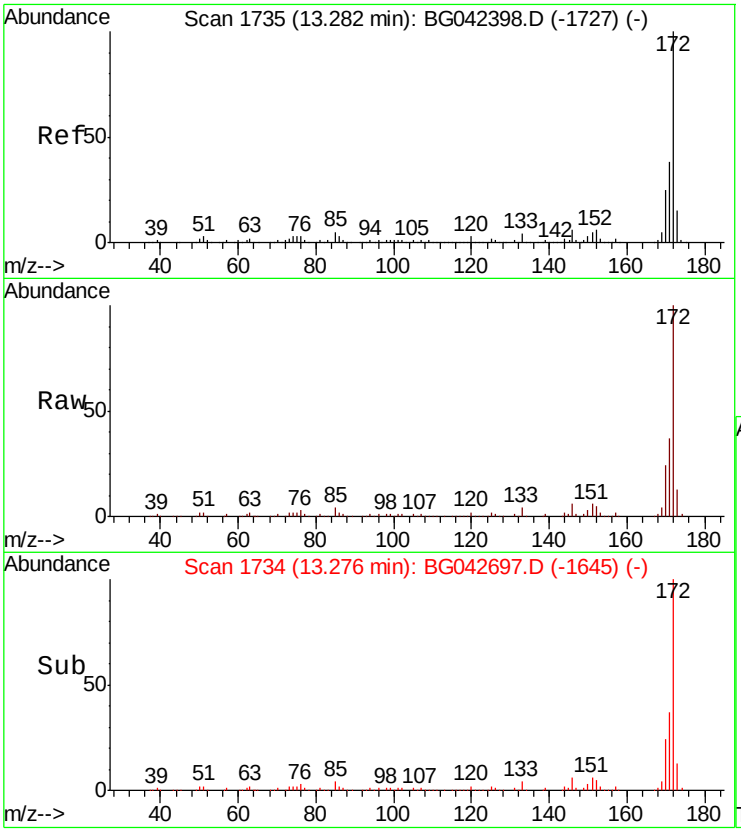


#42
2,4,6-Tribromophenol
Concen: 88.470 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042697.D
Acq: 3 Sep 2019 20:24

Tgt Ion:330 Resp: 132404

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.0
141	26.3	21.4	32.0

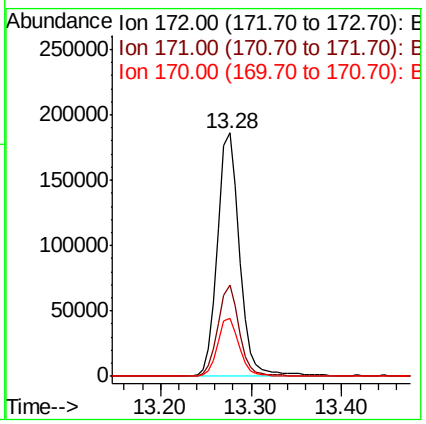




#45
2-Fluorobiphenyl
Concen: 50.697 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042697.D
Acq: 3 Sep 2019 20:24

Tgt Ion:172 Resp: 315627

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	23.6	20.2	30.2



Instrument :
BNA_G
ClientSampleId :
PAR-C1-C4-(0-3.11)

Manual Integrations APPROVED
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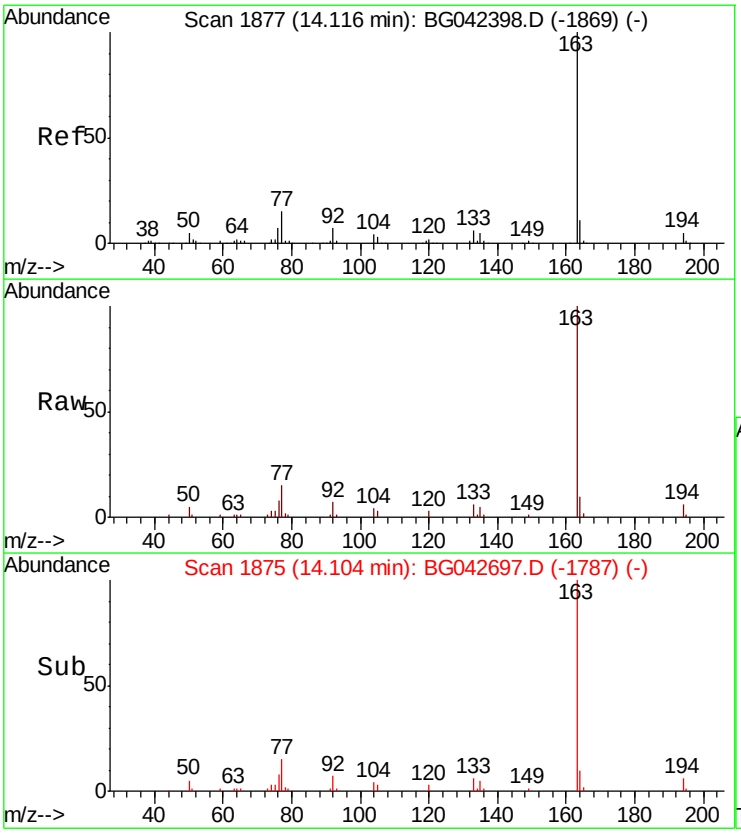
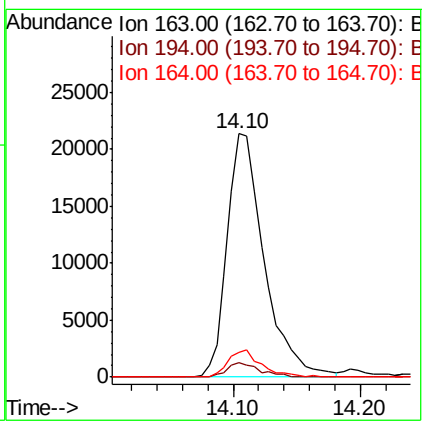
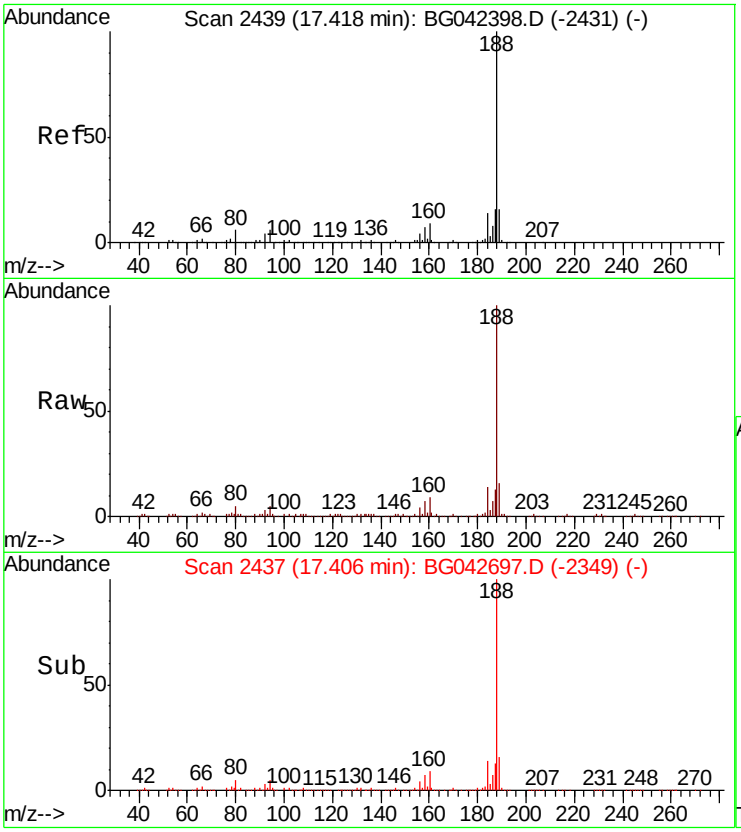


#50
Dimethylphthalate
Concen: 5.704 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042697.D
Acq: 3 Sep 2019 20:24

Tgt Ion:163 Resp: 43334

Ion	Ratio	Lower	Upper
163	100		
194	6.0	4.2	6.2
164	10.1	8.8	13.2

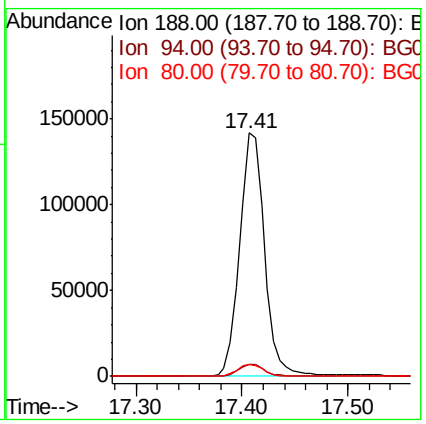




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042697.D
Acq: 3 Sep 2019 20:24

Tgt Ion:188 Resp: 232034

Ion	Ratio	Lower	Upper
188	100		
94	5.0	4.5	6.7
80	5.2	4.9	7.3



Instrument :
BNA_G
ClientSampleId :
PAR-C1-C4-(0-3.11)

Manual Integrations APPROVED
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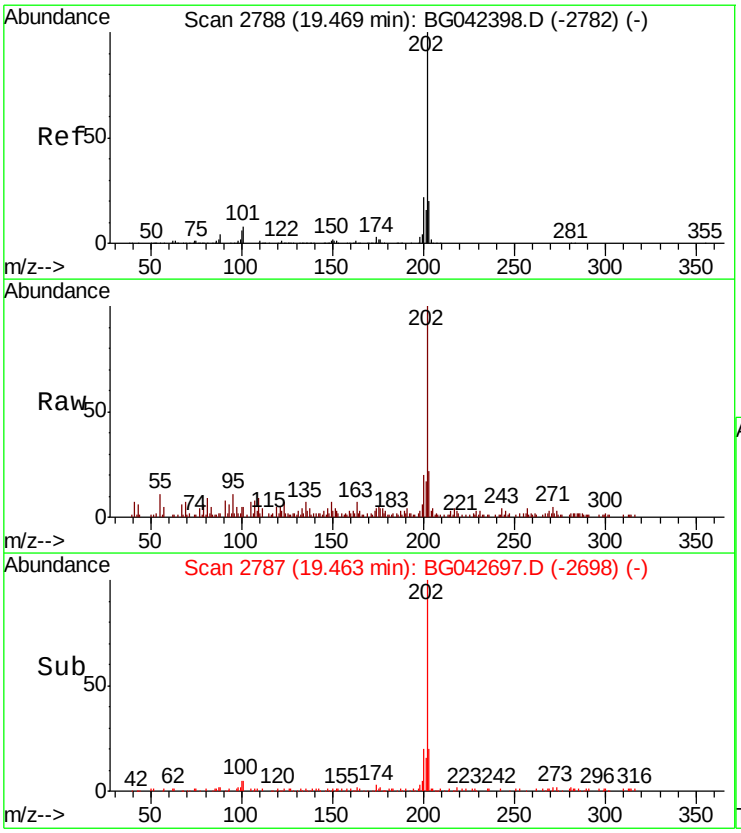
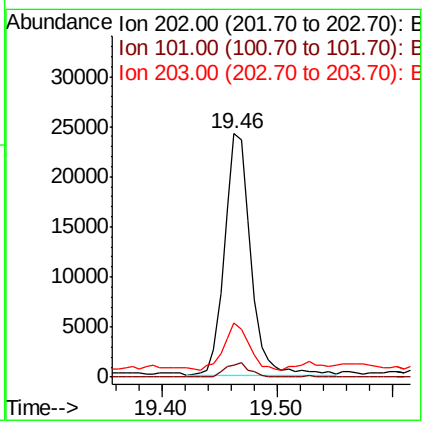
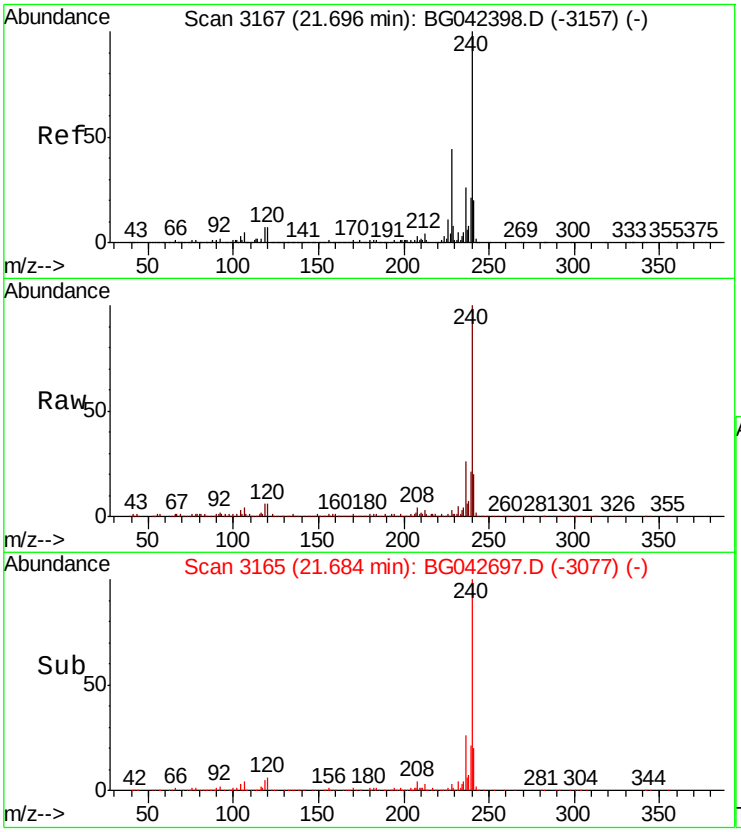


#75
Fluoranthene
Concen: 2.675 ng
RT: 19.46 min Scan# 2787
Delta R.T. -0.01 min
Lab File: BG042697.D
Acq: 3 Sep 2019 20:24

Tgt Ion:202 Resp: 37631

Ion	Ratio	Lower	Upper
202	100		
101	4.8	0.0	28.3
203	22.2	0.0	39.6

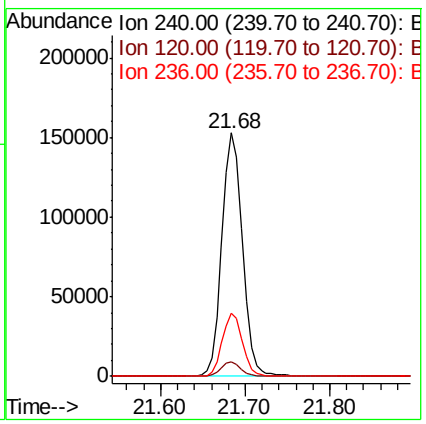




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042697.D
Acq: 3 Sep 2019 20:24

Tgt Ion:240 Resp: 257404

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.7	8.5
236	25.7	21.0	31.4



Instrument :
BNA_G
ClientSampleId :
PAR-C1-C4-(0-3.11)

Manual Integrations APPROVED
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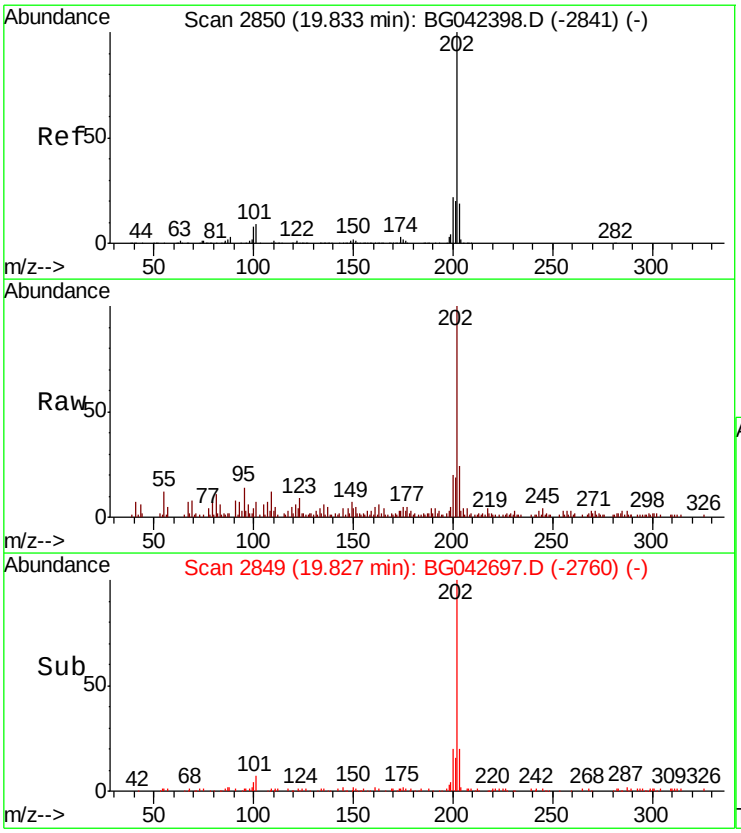
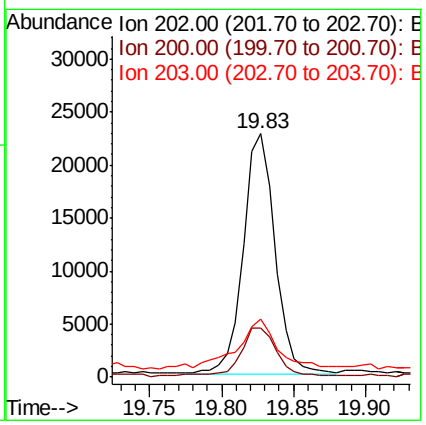
9/6/2019 8:17:40 AM

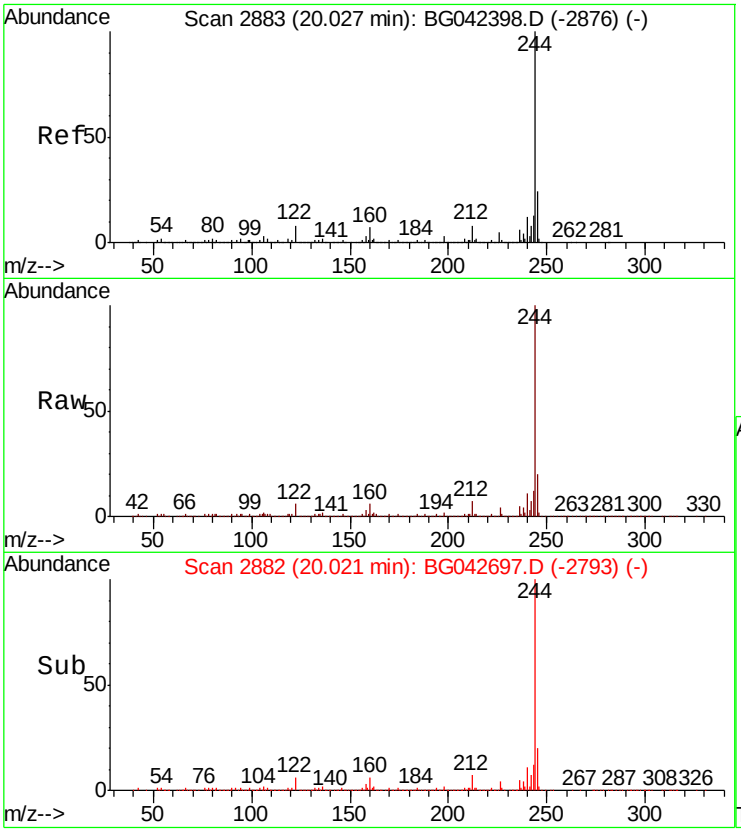


#78
Pyrene
Concen: 2.217 ng m
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG042697.D
Acq: 3 Sep 2019 20:24

Tgt Ion:202 Resp: 34984

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.8	26.6
203	23.8	15.5	23.3#

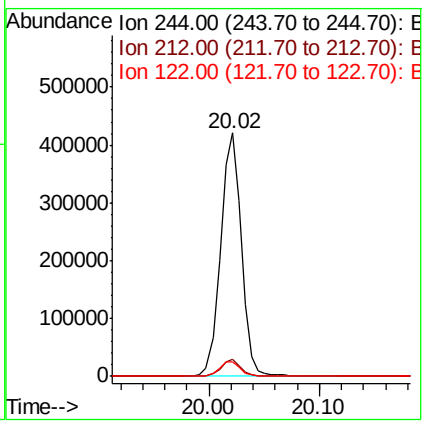




#79
Terphenyl-d14
Concen: 46.168 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042697.D
Acq: 3 Sep 2019 20:24

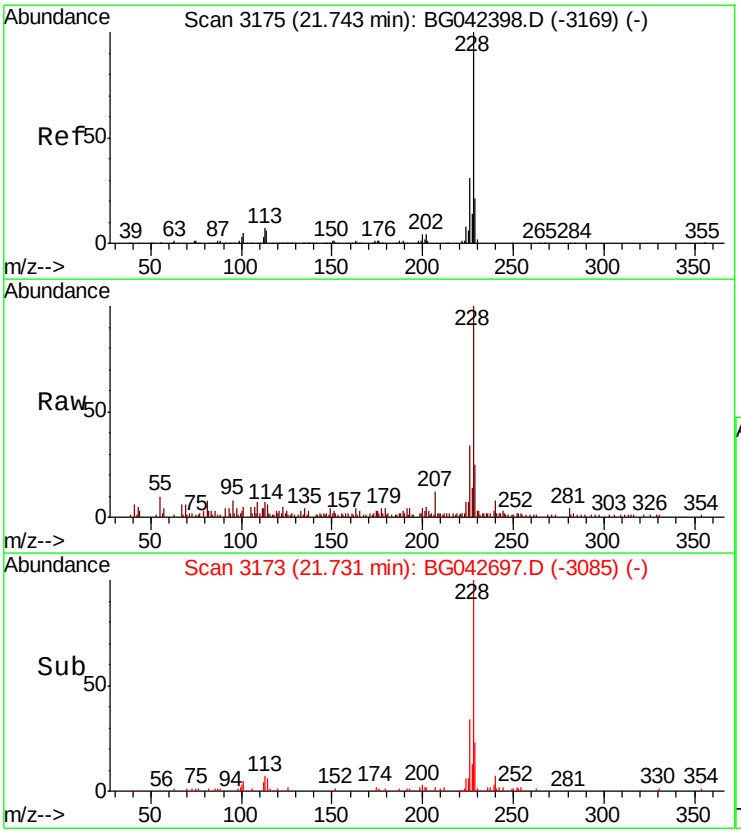
Tgt Ion:244 Resp: 549684

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	6.2	6.7	10.1#



Instrument :
BNA_G
ClientSampleId :
PAR-C1-C4-(0-3.11)

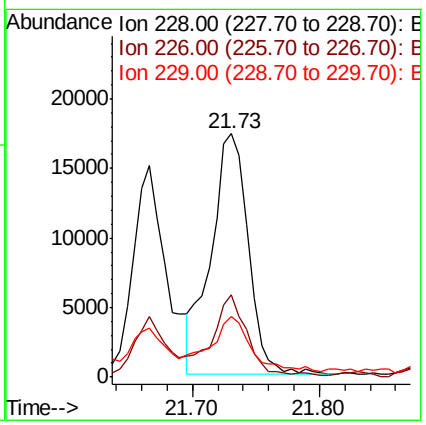
Manual Integrations APPROVED
mohammad
9/6/2019 8:17:40 AM

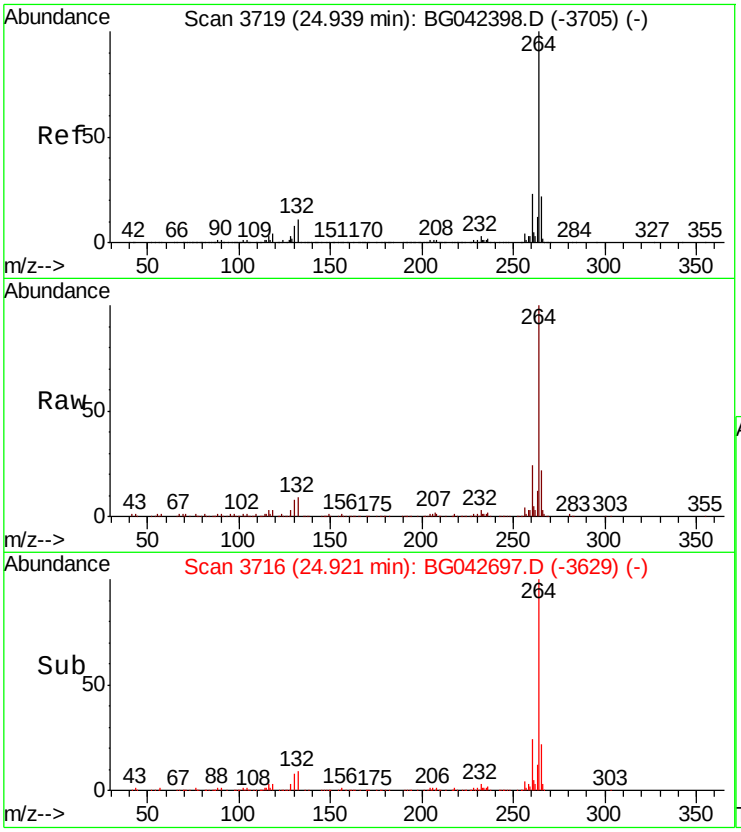


#83
Chrysene
Concen: 2.349 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042697.D
Acq: 3 Sep 2019 20:24

Tgt Ion:228 Resp: 35475

Ion	Ratio	Lower	Upper
228	100		
226	33.7	24.9	37.3
229	24.9	16.9	25.3

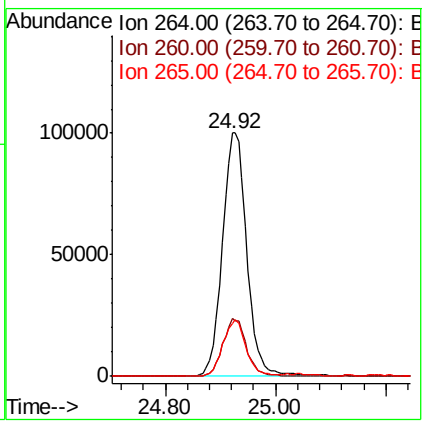




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042697.D
Acq: 3 Sep 2019 20:24

Tgt Ion:264 Resp: 309640

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	21.7	17.6	26.4



Instrument :
BNA_G
ClientSampleId :
PAR-C1-C4-(0-3.11)

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mohammad
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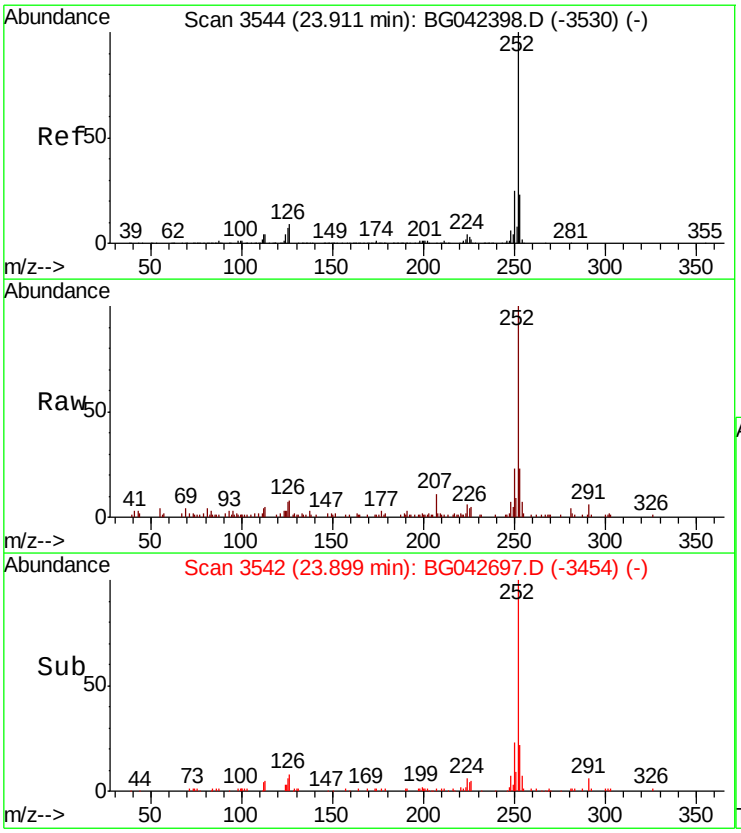
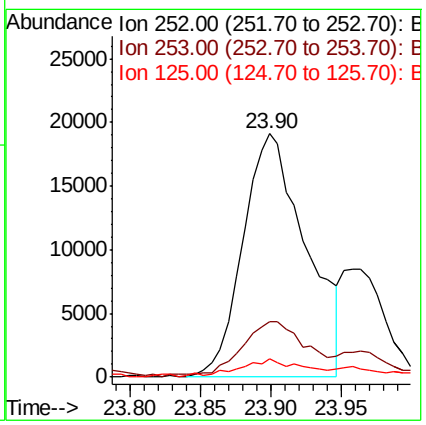
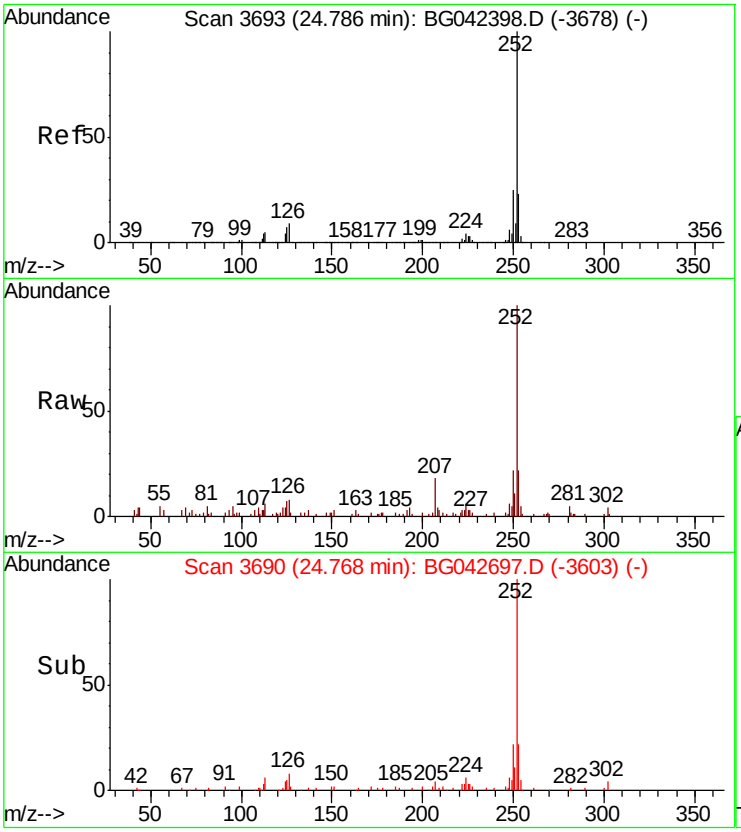


#88
Benzo(b)fluoranthene
Concen: 3.515 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042697.D
Acq: 3 Sep 2019 20:24

Tgt Ion:252 Resp: 59839

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	7.4	5.6	8.4

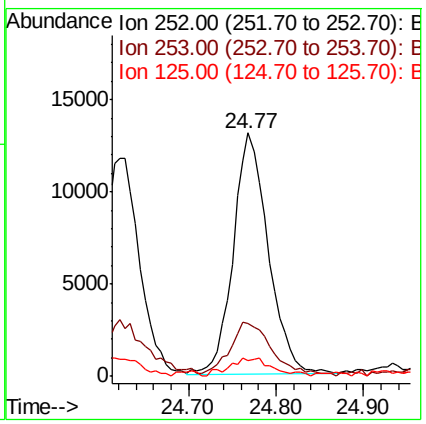




#90
Benzo(a)pyrene
Concen: 2.184 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG042697.D
Acq: 3 Sep 2019 20:24

Tgt Ion:252 Resp: 35283

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	6.7	6.0	9.0



Instrument :
BNA_G
ClientSampleId :
PAR-C1-C4-(0-3.11)

Manual Integrations APPROVED
mohammad
9/6/2019 8:17:40 AM