Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043554.D
Acq On : 8 Nov 2019 00:40
Operator : JU
Sample : K5722-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1-B

Manual Integrations APPROVED
Sohil
11/8/2019 3:33:03 PM

Quant Time: Nov 08 05:00:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	31246	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	117063	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	86579	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	207801	20.00	ng	0.00
76) Chrysene-d12	21.65	240	220996	20.00	ng	0.00
87) Perylene-d12	24.85	264	256190	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	132714	77.83	ng	0.02
7) Phenol-d6	7.21	99	187914	76.60	ng	0.02
23) Nitrobenzene-d5	9.17	82	117253	51.64	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	122730	74.49	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	339984	54.26	ng	0.00
79) Terphenyl-d14	20.00	244	692425	58.78	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.87	128	13427	2.260	ng	# 93
37) 2-Methylnaphthalene	12.47	142	15011	3.292	ng	89
71) Phenanthrene	17.42	178	30126	2.831	ng	99
75) Fluoranthene	19.44	202	61419	4.427	ng	98
78) Pyrene	19.80	202	55813	4.080	ng	95
81) Benzo(a)anthracene	21.64	228	30041	2.170	ng	97
83) Chrysene	21.70	228	43107	3.134	ng	97
88) Benzo(b)fluoranthene	23.83	252	43924m	3.027	ng	

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

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ClientSampleId :
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Manual Integrations APPROVED
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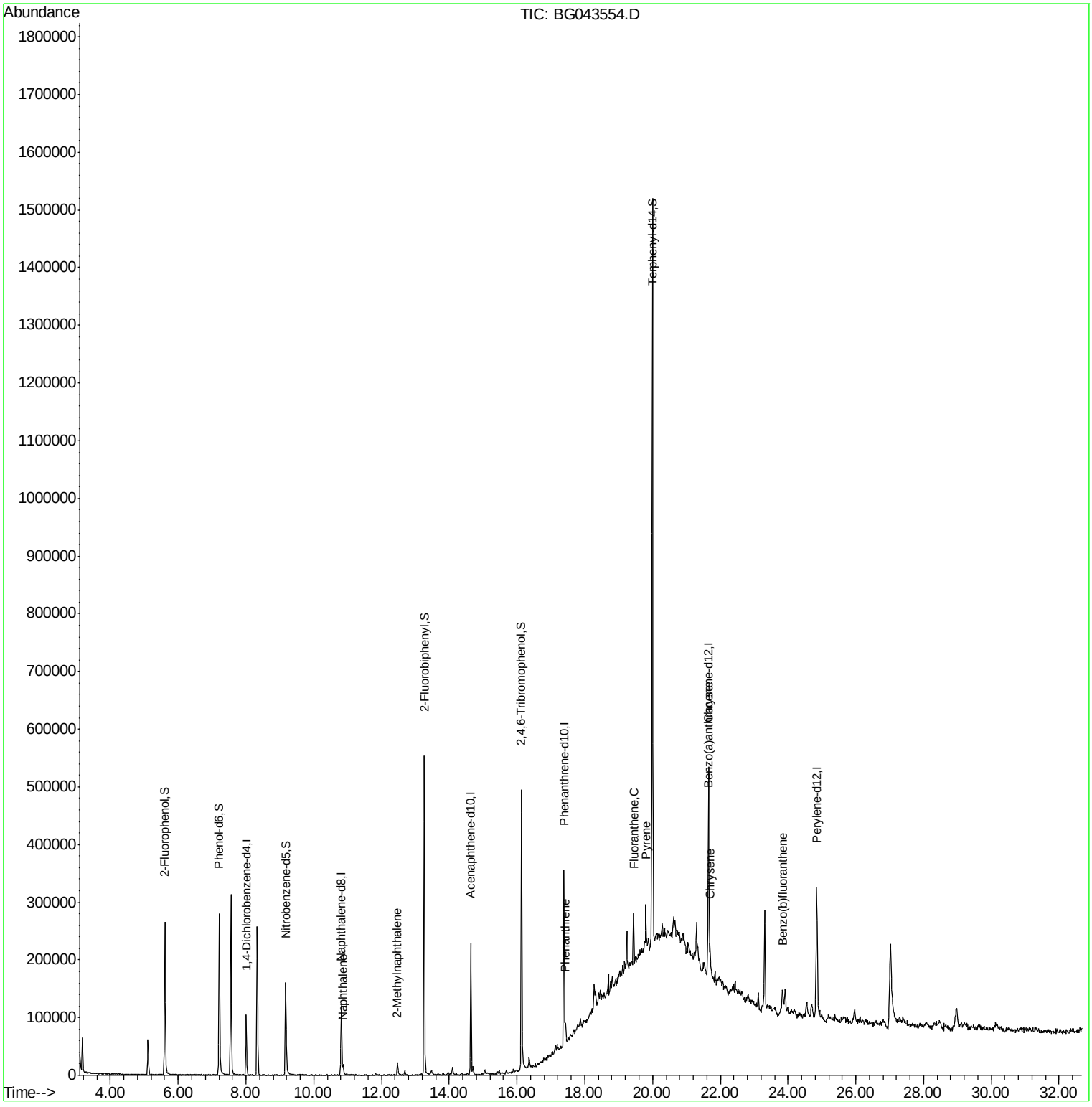
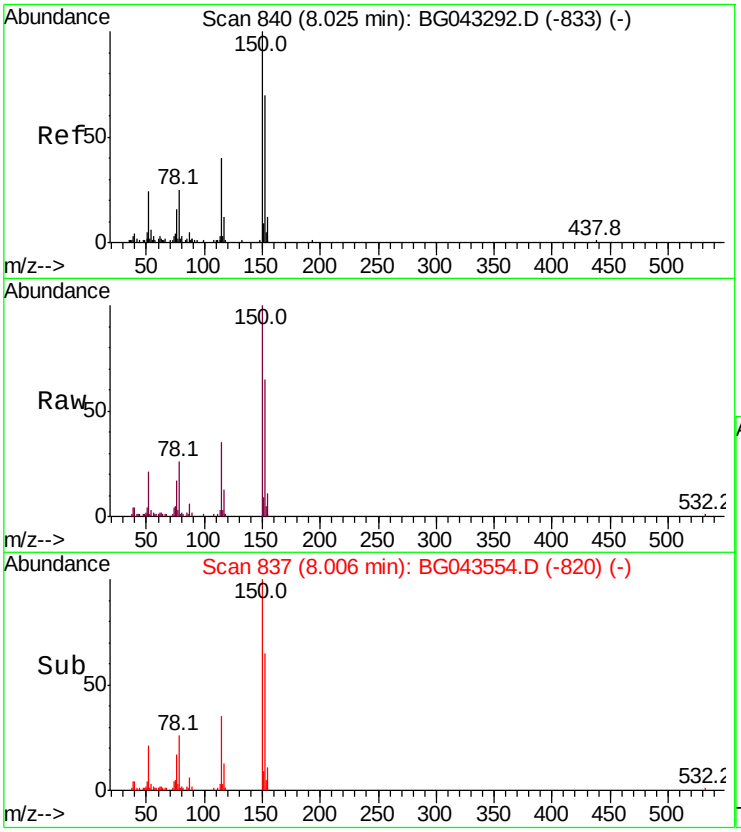
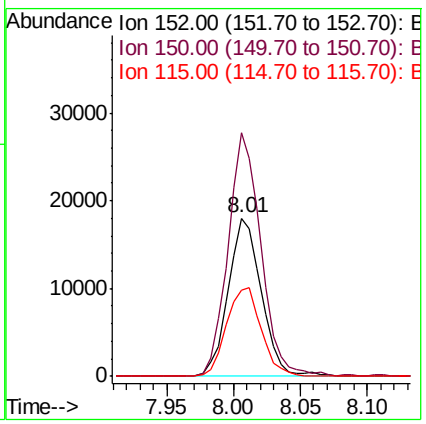




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043554.D
Acq: 8 Nov 2019 00:40

Tgt Ion:152 Resp: 31246

Ion	Ratio	Lower	Upper
152	100		
150	154.2	129.4	194.0
115	54.7	48.8	73.2



Instrument :
BNA_G
ClientSampleId :
1-B

Manual Integrations APPROVED
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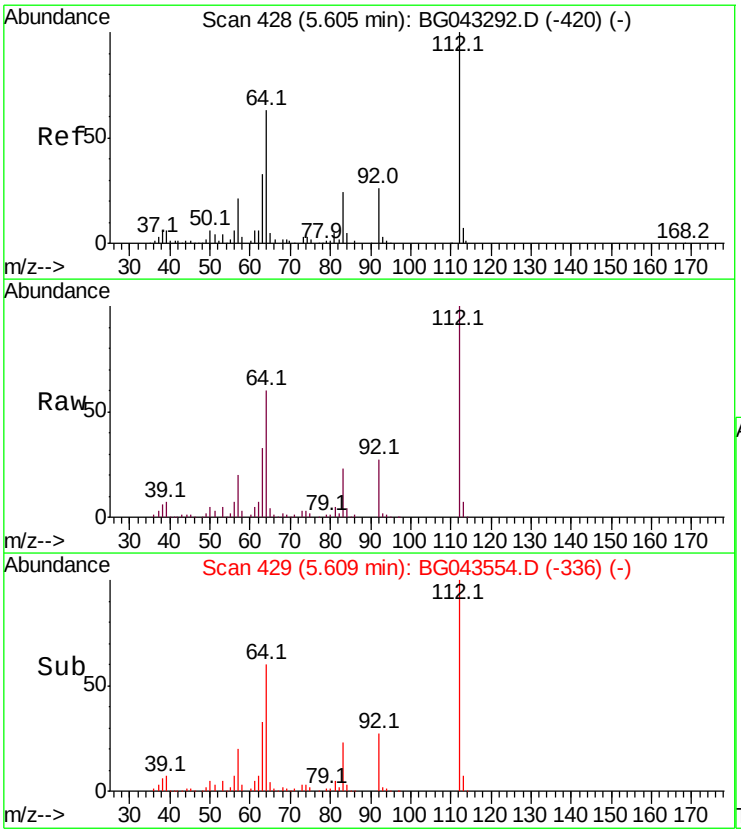
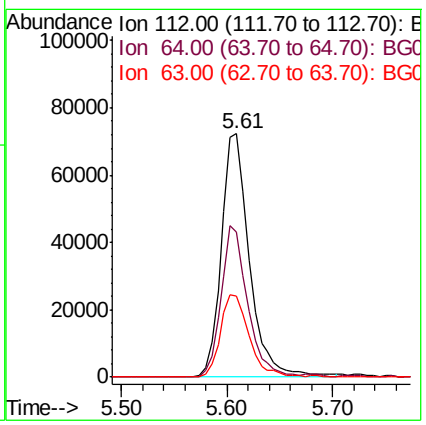
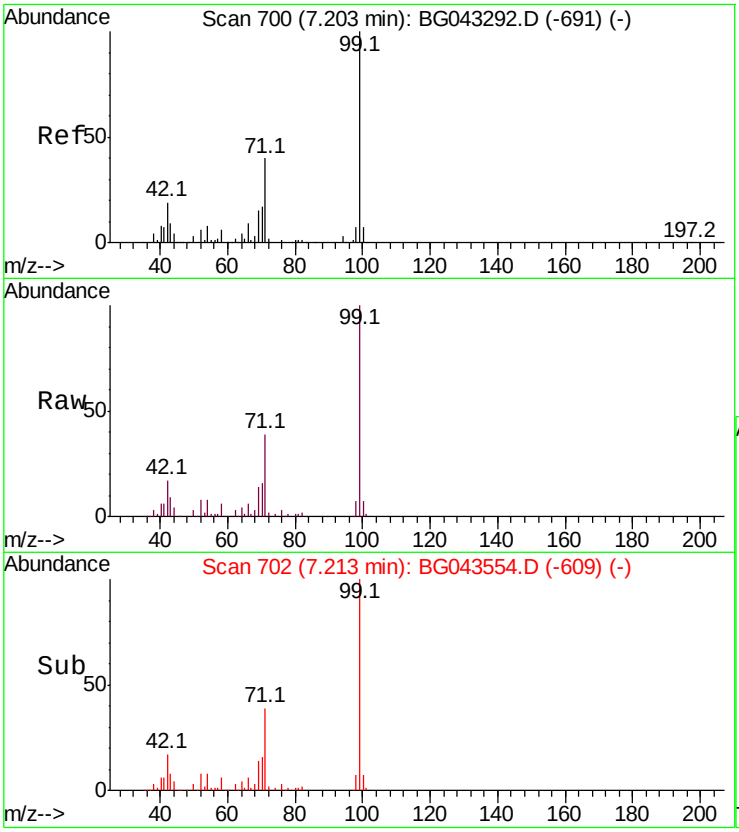


#5
2-Fluorophenol
Concen: 77.831 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.02 min
Lab File: BG043554.D
Acq: 8 Nov 2019 00:40

Tgt Ion:112 Resp: 132714

Ion	Ratio	Lower	Upper
112	100		
64	59.8	50.0	75.0
63	33.1	26.6	40.0

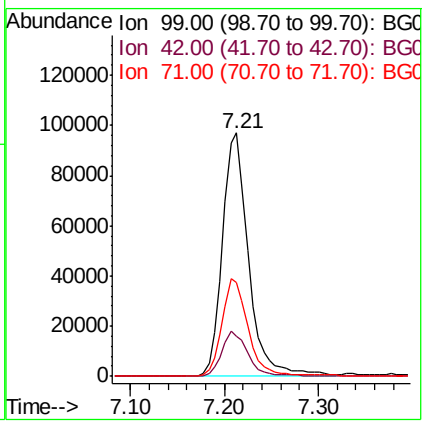




#7
Phenol-d6
Concen: 76.596 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.02 min
Lab File: BG043554.D
Acq: 8 Nov 2019 00:40

Tgt Ion: 99 Resp: 187914

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.6	21.8
71	38.7	32.5	48.7



Instrument :
BNA_G
ClientSampleId :
1-B

Manual Integrations APPROVED
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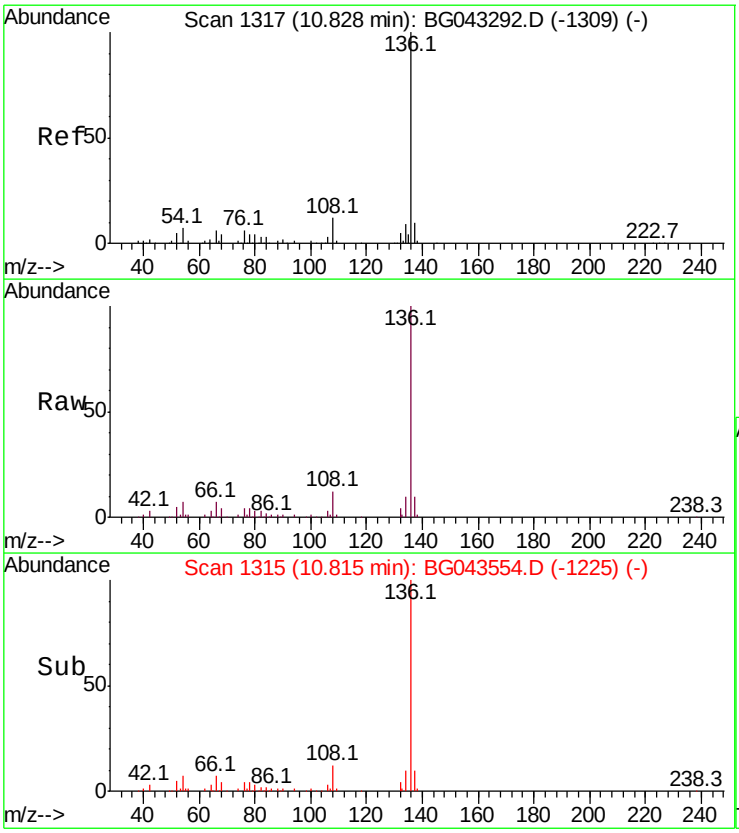
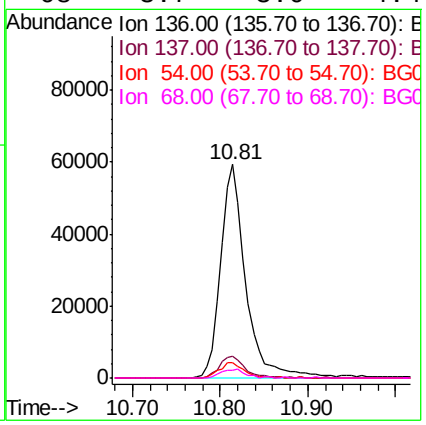
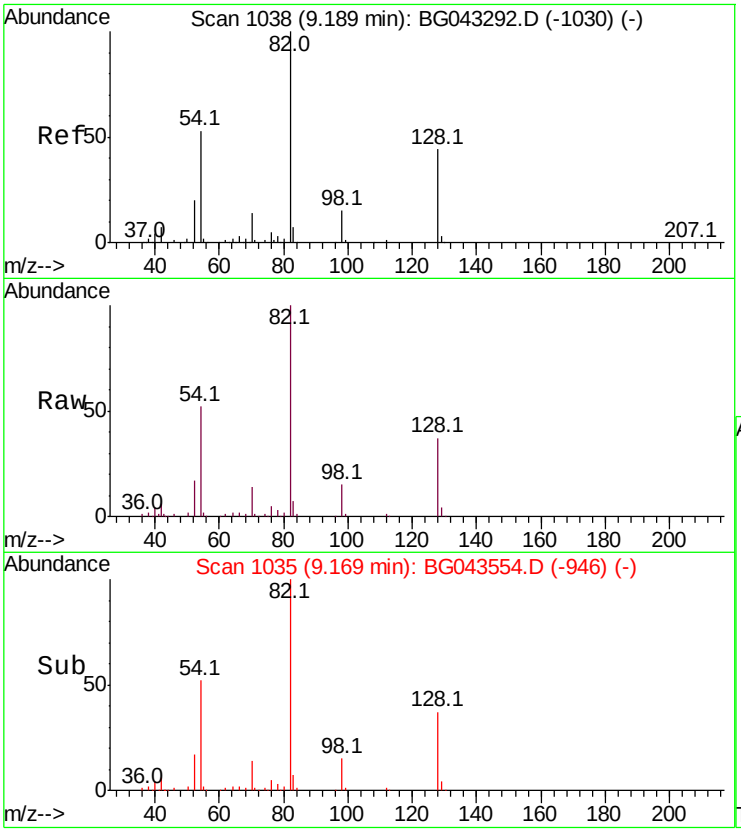


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043554.D
Acq: 8 Nov 2019 00:40

Tgt Ion:136 Resp: 117063

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	7.5	5.4	8.2
68	3.7	3.0	4.4

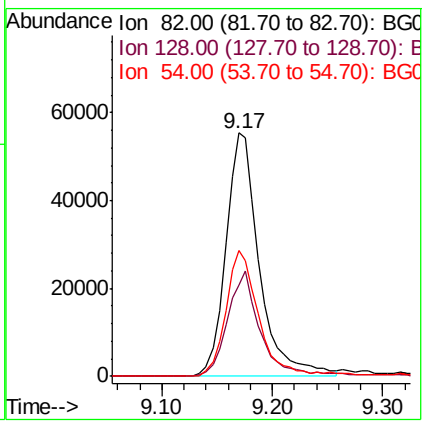




#23
Nitrobenzene-d5
Concen: 51.638 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043554.D
Acq: 8 Nov 2019 00:40

Tgt Ion: 82 Resp: 117253

Ion	Ratio	Lower	Upper
82	100		
128	37.4	35.0	52.6
54	51.7	40.2	60.2



Instrument :
BNA_G
ClientSampleId :
1-B

Manual Integrations APPROVED
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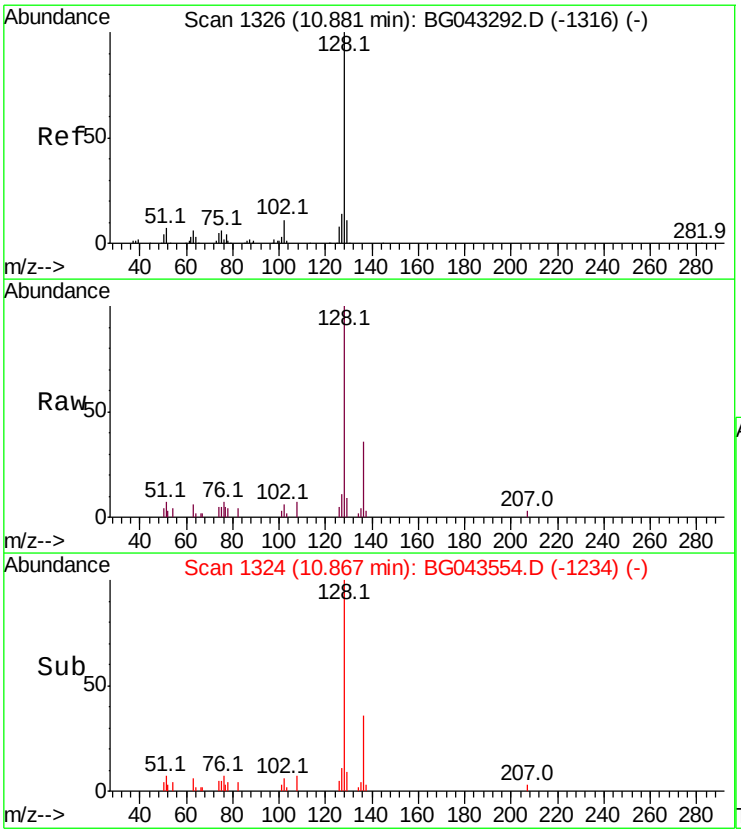
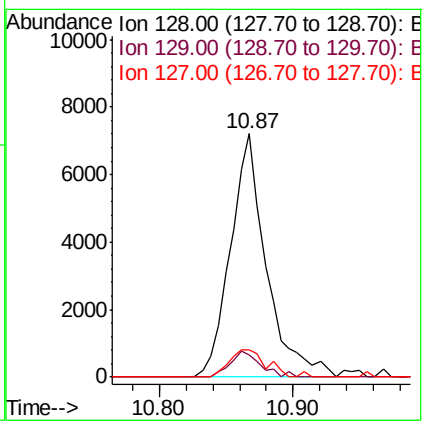
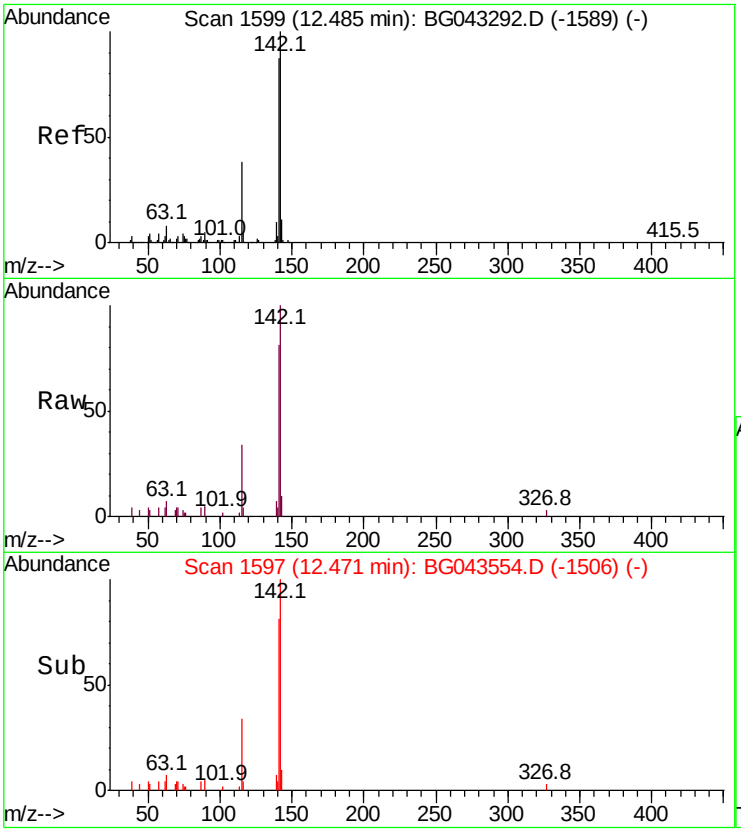


#31
Naphthalene
Concen: 2.260 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG043554.D
Acq: 8 Nov 2019 00:40

Tgt Ion:128 Resp: 13427

Ion	Ratio	Lower	Upper
128	100		
129	8.9	9.4	14.0#
127	11.2	11.1	16.7

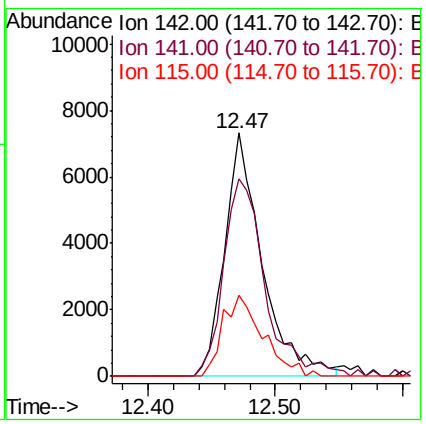




#37
2-Methylnaphthalene
Concen: 3.292 ng
RT: 12.47 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BG043554.D
Acq: 8 Nov 2019 00:40

Tgt Ion:142 Resp: 15011

Ion	Ratio	Lower	Upper
142	100		
141	81.1	72.2	108.2
115	33.5	33.2	49.8



Instrument :
BNA_G
ClientSampleId :
1-B

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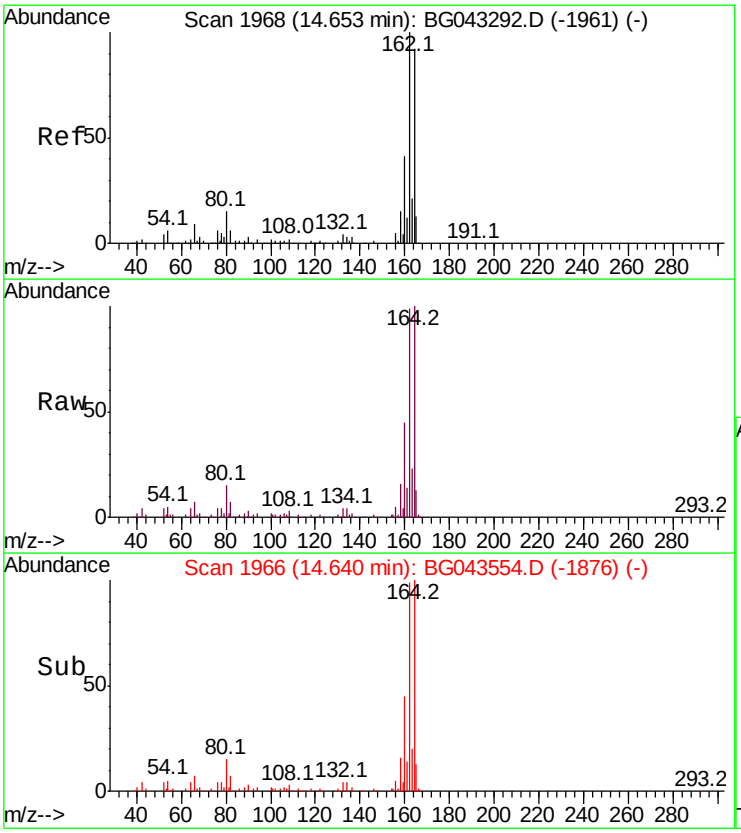
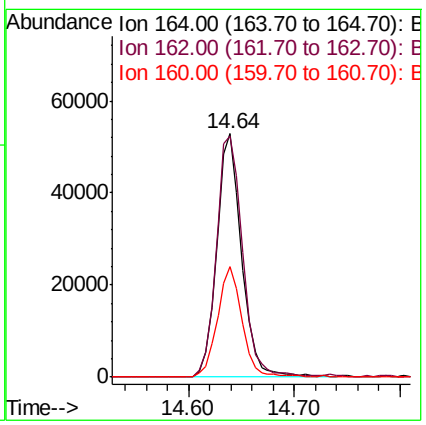
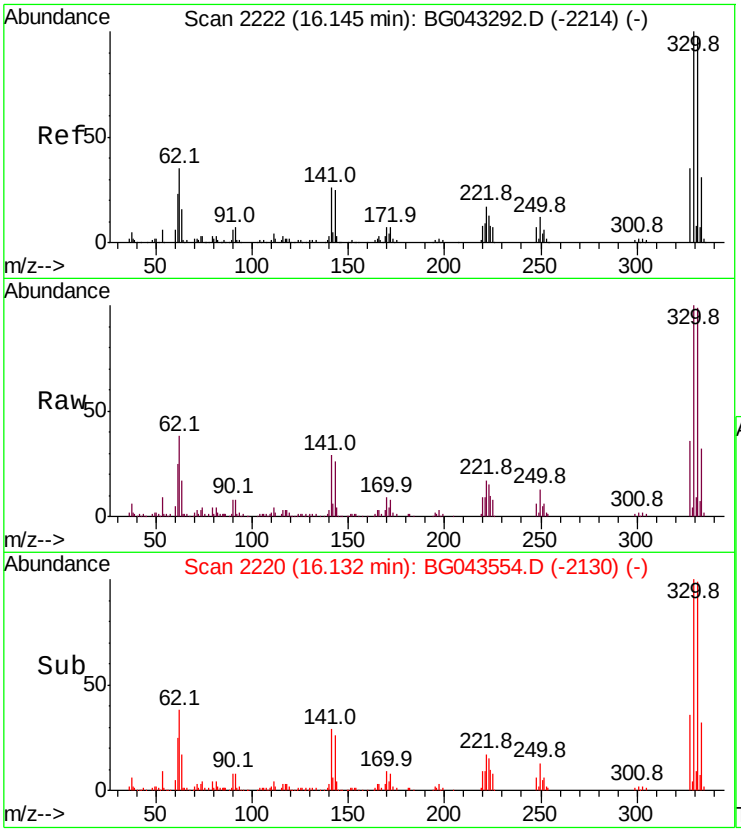


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043554.D
Acq: 8 Nov 2019 00:40

Tgt Ion:164 Resp: 86579

Ion	Ratio	Lower	Upper
164	100		
162	99.0	83.5	125.3
160	45.2	36.5	54.7

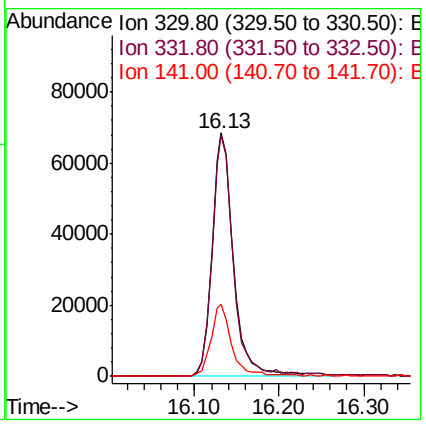




#42
2,4,6-Tribromophenol
Concen: 74.490 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043554.D
Acq: 8 Nov 2019 00:40

Tgt Ion:330 Resp: 122730

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.0
141	28.3	22.8	34.2



Instrument :
BNA_G
ClientSampleId :
1-B

Manual Integrations APPROVED
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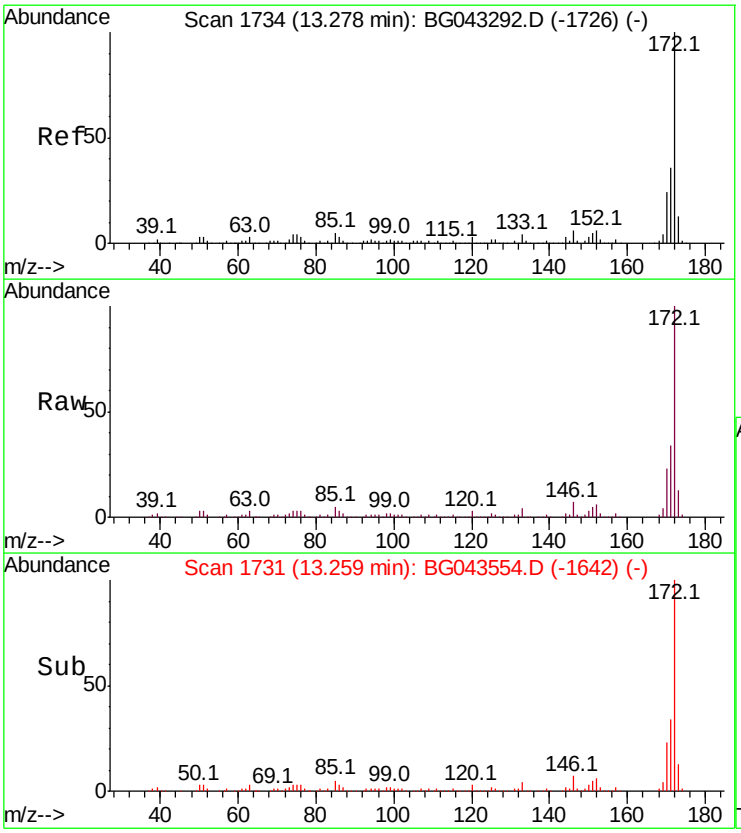
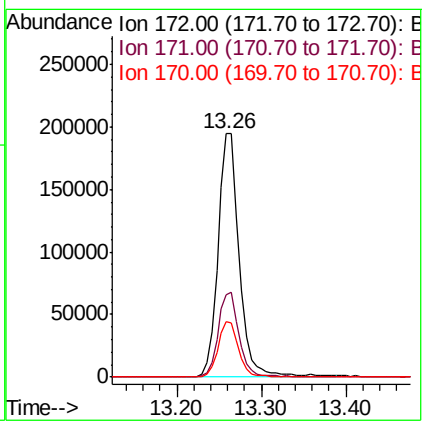
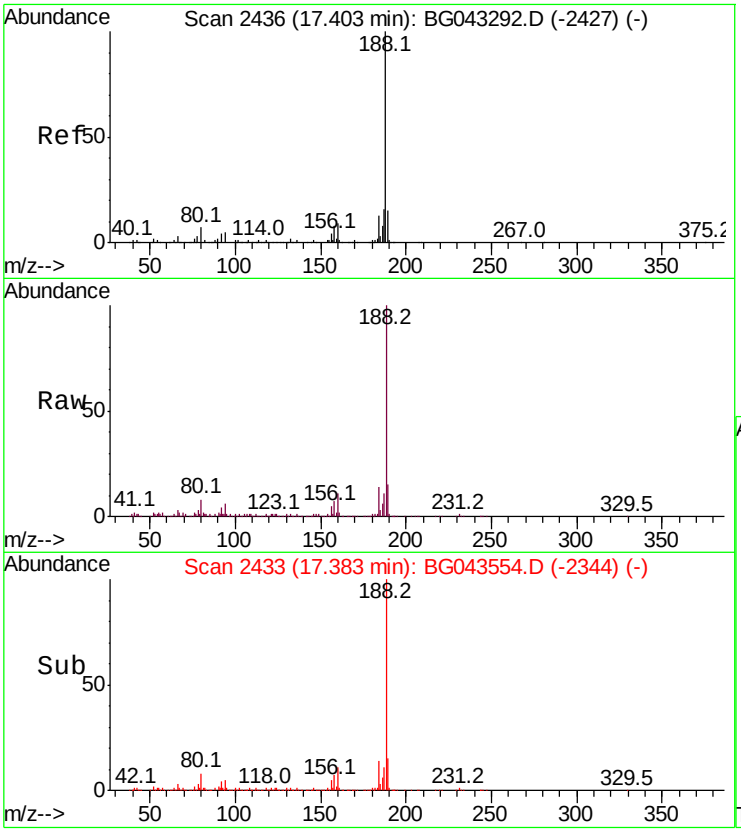


#45
2-Fluorobiphenyl
Concen: 54.262 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043554.D
Acq: 8 Nov 2019 00:40

Tgt Ion:172 Resp: 339984

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.9	43.3
170	22.7	18.5	27.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043554.D
Acq: 8 Nov 2019 00:40

Tgt Ion:188 Resp: 207801

Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.4
80	7.7	4.5	6.7#

Instrument :
BNA_G
ClientSampleId :
1-B

Manual Integrations APPROVED
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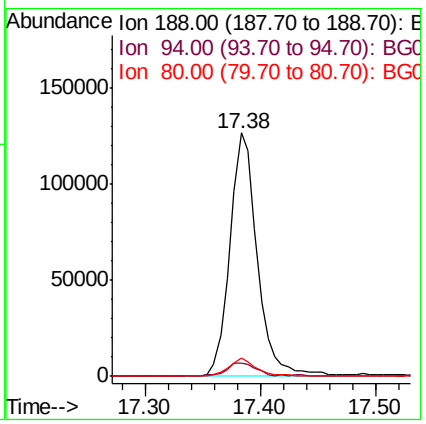
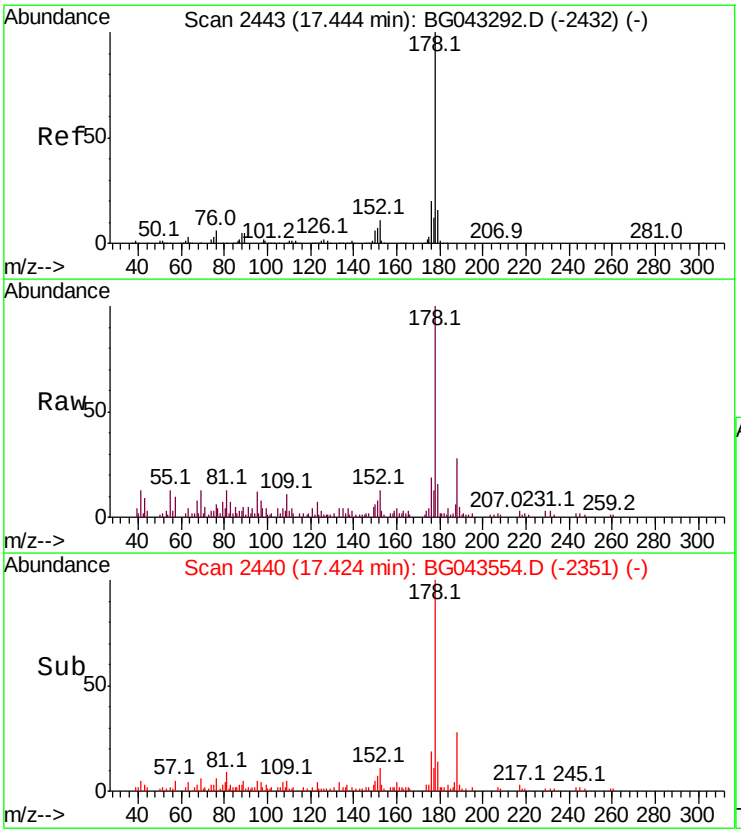
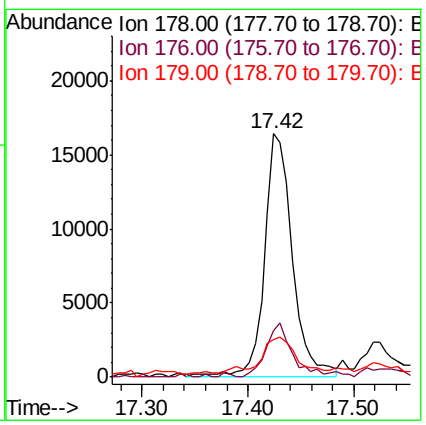


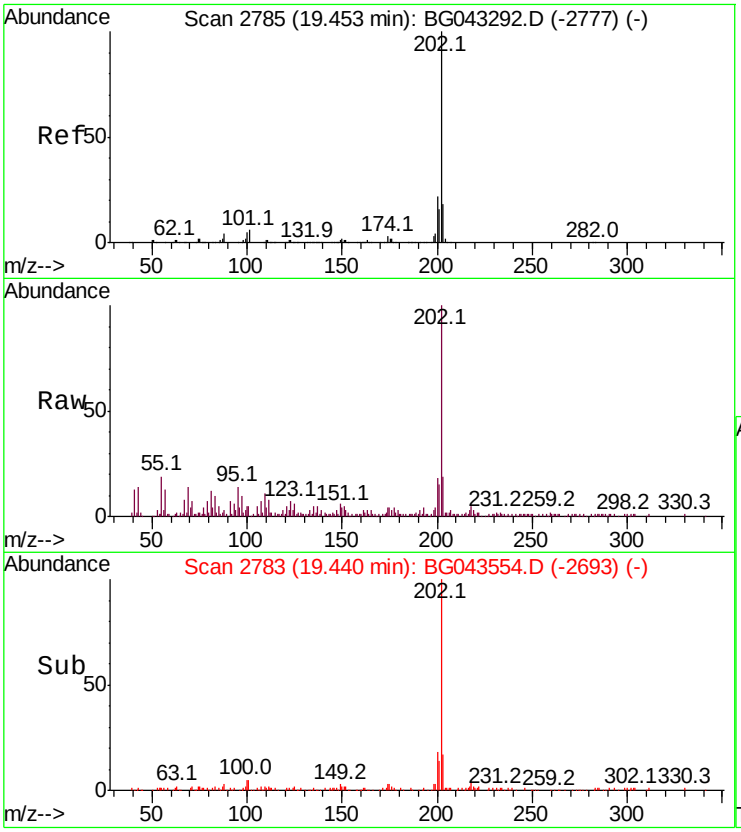


#71
Phenanthrene
Concen: 2.831 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043554.D
Acq: 8 Nov 2019 00:40

Tgt Ion:178 Resp: 30126

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.6	13.0	19.6

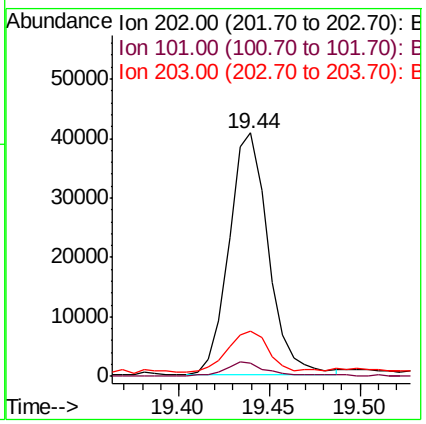




#75
Fluoranthene
Concen: 4.427 ng
RT: 19.44 min Scan# 2783
Delta R.T. -0.00 min
Lab File: BG043554.D
Acq: 8 Nov 2019 00:40

Tgt Ion:202 Resp: 61419

Ion	Ratio	Lower	Upper
202	100		
101	5.3	0.0	26.3
203	18.8	0.0	37.9



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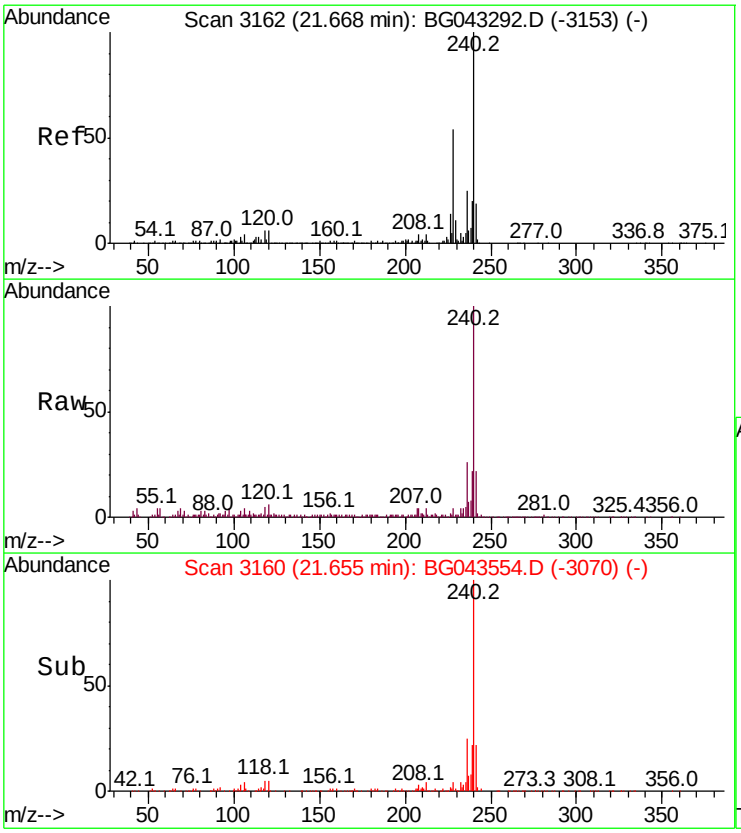
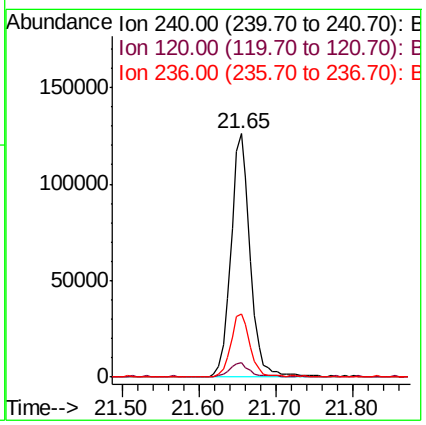
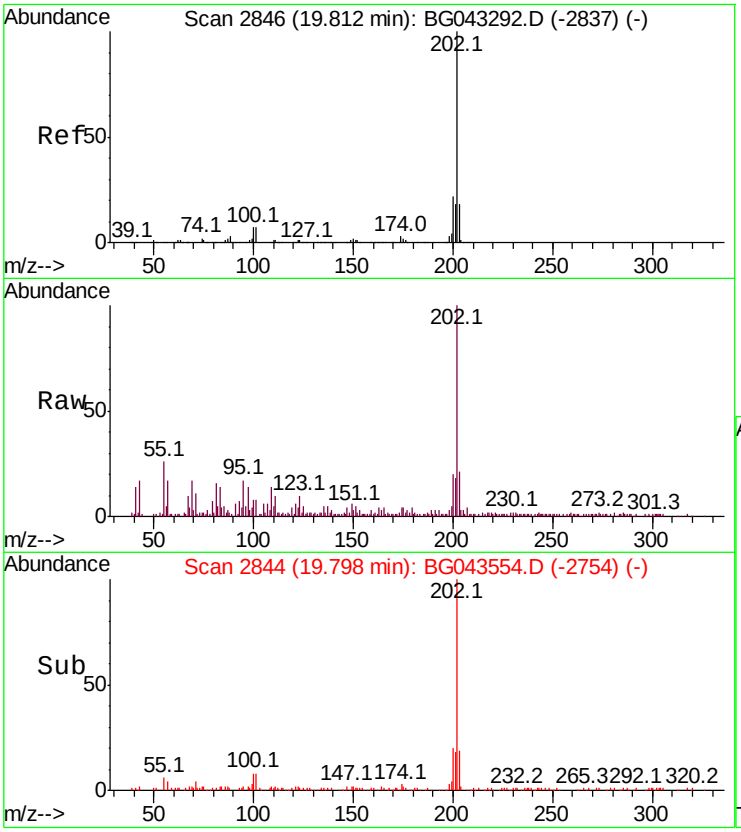


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG043554.D
Acq: 8 Nov 2019 00:40

Tgt Ion:240 Resp: 220996

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.6	6.8
236	25.8	19.8	29.8

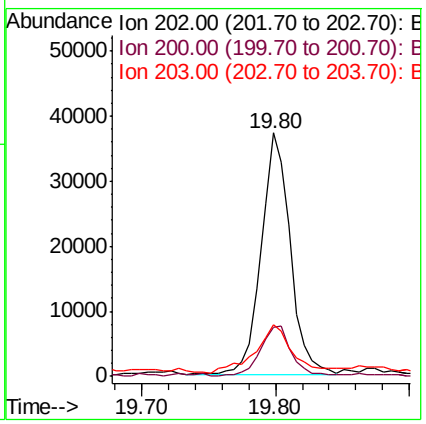




#78
Pyrene
Concen: 4.080 ng
RT: 19.80 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG043554.D
Acq: 8 Nov 2019 00:40

Tgt Ion:202 Resp: 55813

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.0	25.4
203	21.3	14.7	22.1



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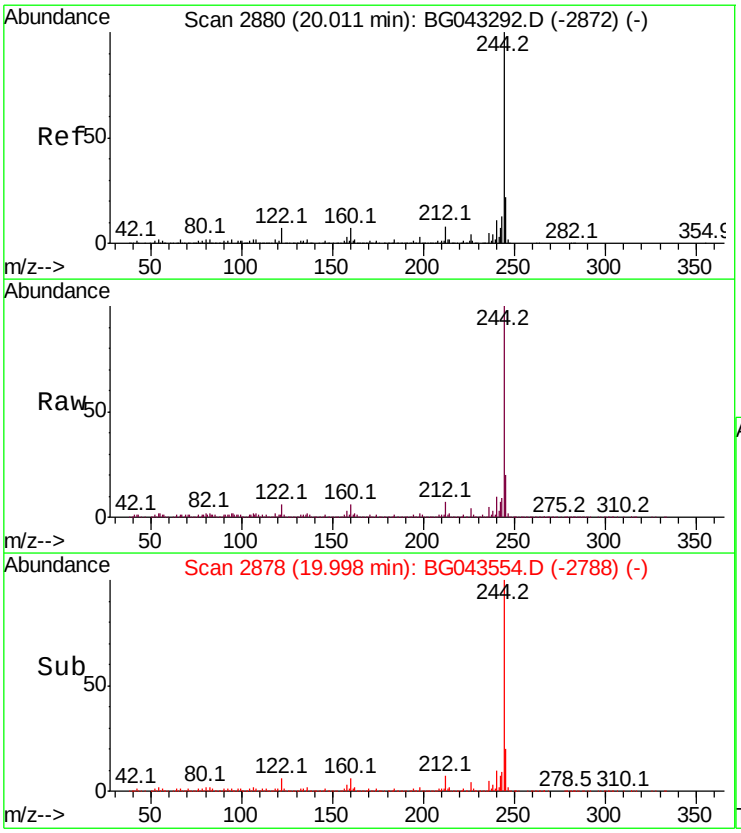
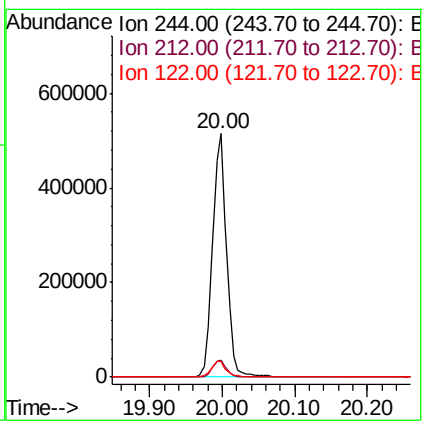
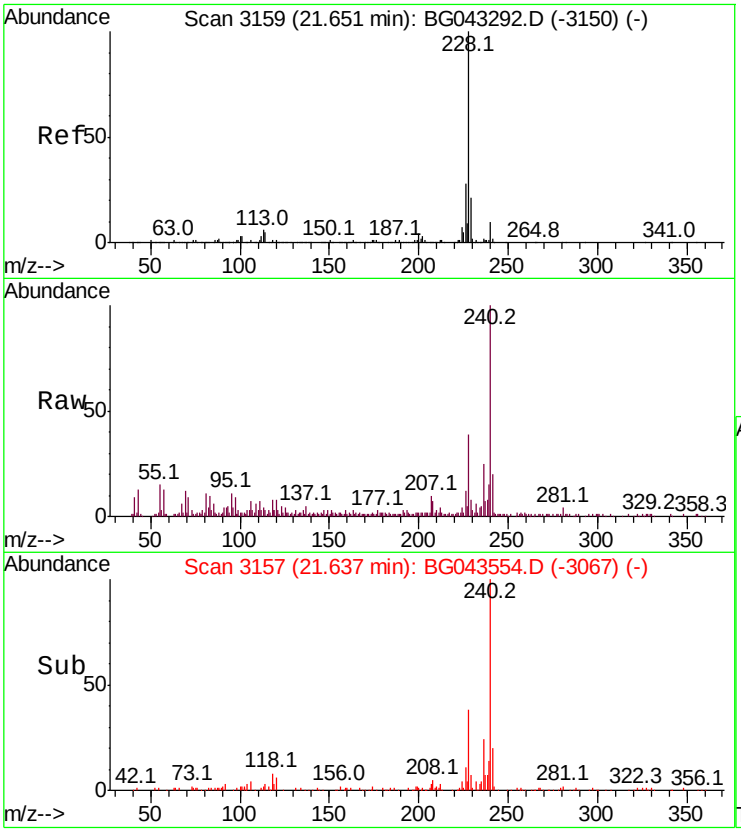


#79
Terphenyl-d14
Concen: 58.781 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BG043554.D
Acq: 8 Nov 2019 00:40

Tgt Ion:244 Resp: 692425

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	6.4	5.4	8.2

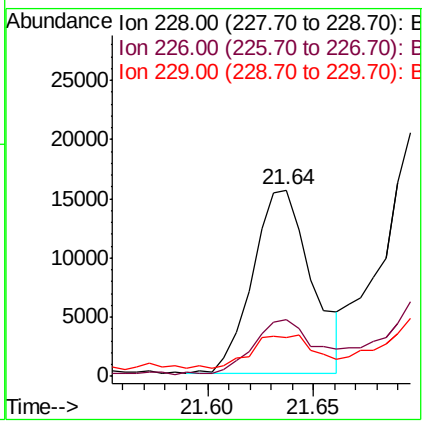




#81
Benzo(a)anthracene
Concen: 2.170 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG043554.D
Acq: 8 Nov 2019 00:40

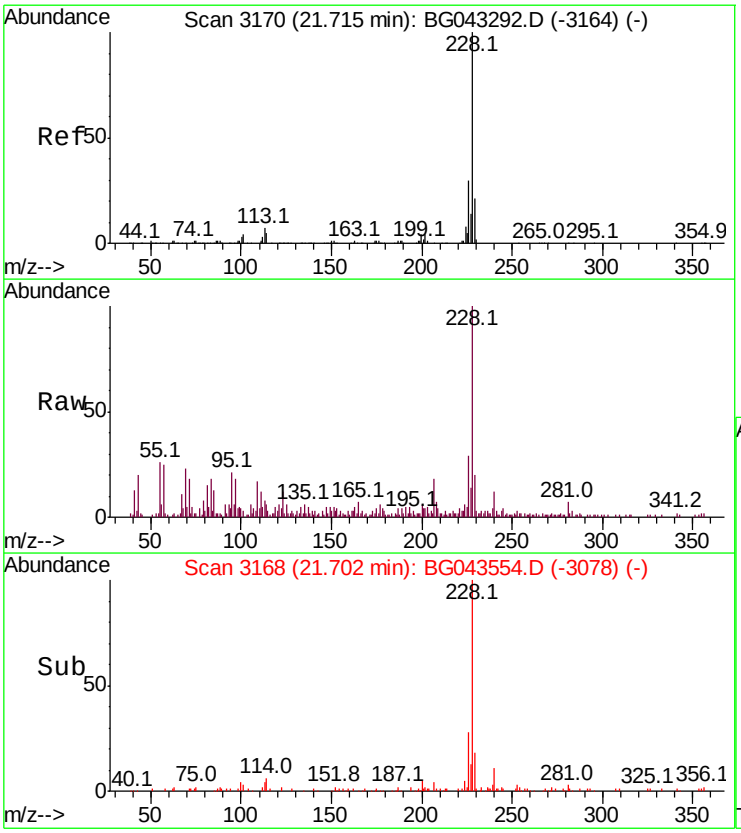
Tgt Ion:228 Resp: 30041

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.2	33.2
229	20.9	17.0	25.4



Instrument :
BNA_G
ClientSampleId :
1-B

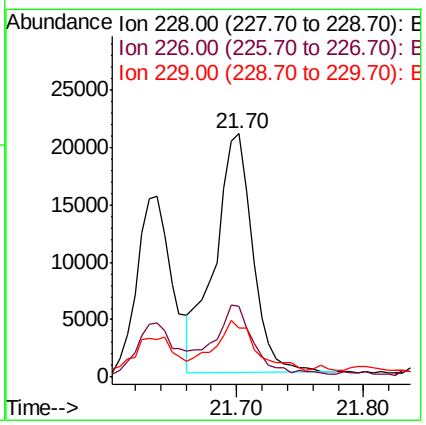
Manual Integrations APPROVED
Sohil
11/8/2019 3:33:03 PM

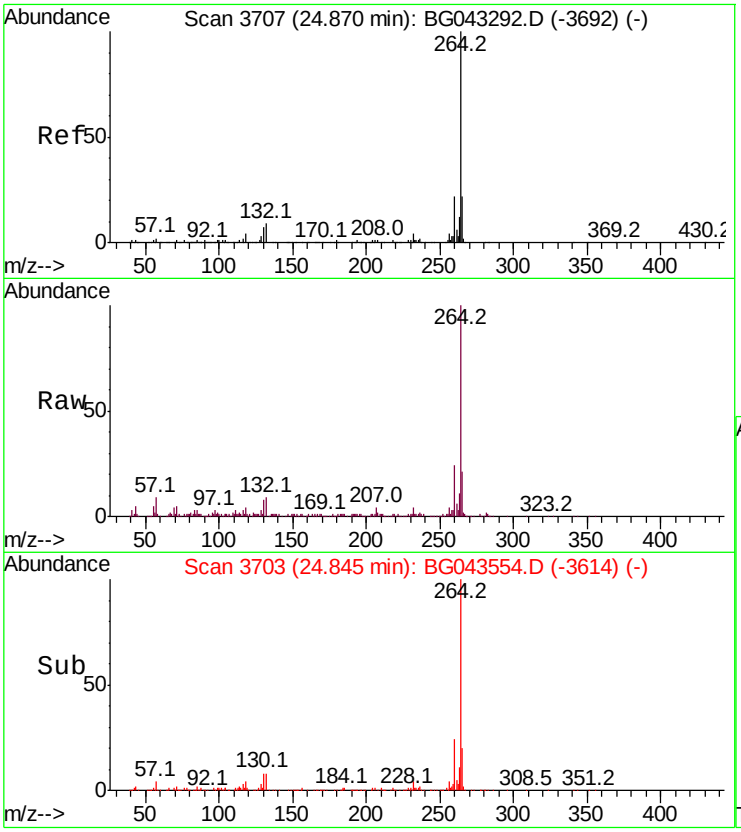


#83
Chrysene
Concen: 3.134 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BG043554.D
Acq: 8 Nov 2019 00:40

Tgt Ion:228 Resp: 43107

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.1	37.7
229	20.2	17.0	25.4

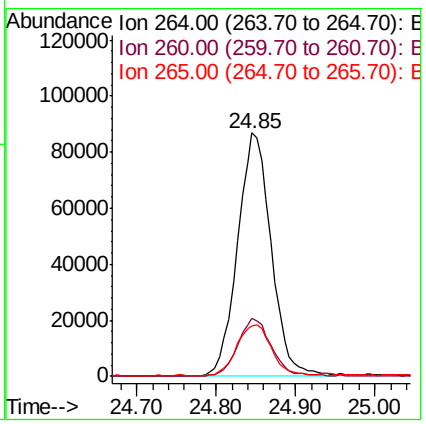




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BG043554.D
Acq: 8 Nov 2019 00:40

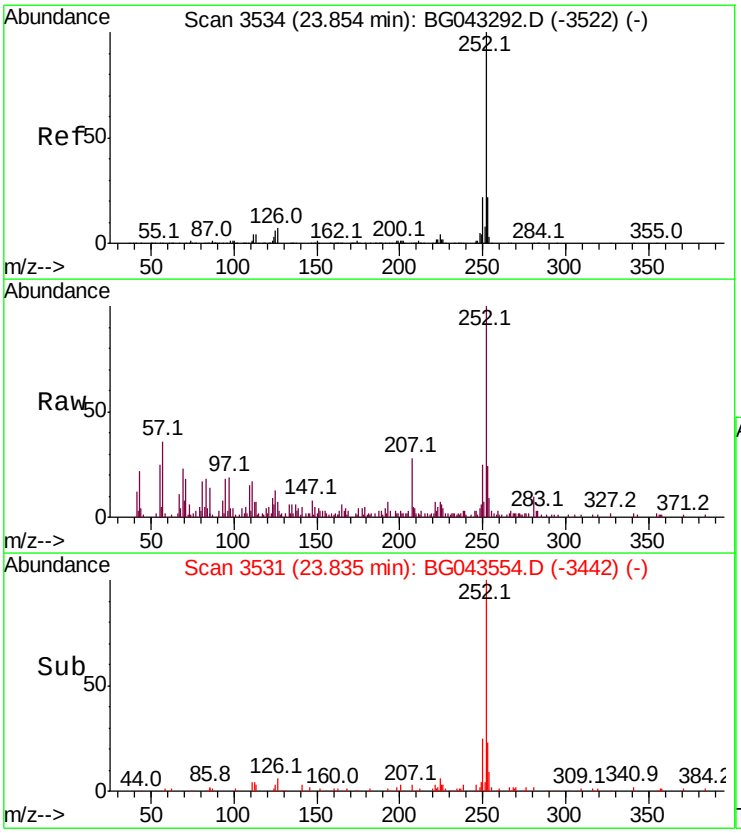
Tgt Ion:264 Resp: 256190

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.5	26.3
265	20.8	17.4	26.0



Instrument :
BNA_G
ClientSampleId :
1-B

Manual Integrations APPROVED
Sohil
11/8/2019 3:33:03 PM



#88
Benzo(b)fluoranthene
Concen: 3.027 ng m
RT: 23.83 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG043554.D
Acq: 8 Nov 2019 00:40

Tgt Ion:252 Resp: 43924

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	13.3	4.5	6.7#