Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
Data File : BG043514.D
Acq On : 5 Nov 2019 19:07
Operator : JU
Sample : K5602-05RX
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190942-AMENDED-COMPOSITE-

Manual Integrations APPROVED
mohammad
11/6/2019 8:41:21 AM

Quant Time: Nov 06 02:27:02 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	31876	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	117376	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	89272	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	227451	20.00	ng	0.00
76) Chrysene-d12	21.66	240	247194	20.00	ng	0.00
87) Perylene-d12	24.85	264	294702	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	5772	3.32	ng	0.00
7) Phenol-d6	7.20	99	29936	11.96	ng	0.00
23) Nitrobenzene-d5	9.17	82	141312	62.07	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	6162	3.63	ng	0.01
45) 2-Fluorobiphenyl	13.26	172	416778	64.51	ng	0.00
79) Terphenyl-d14	19.99	244	861875	65.41	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.23	94	6608	2.889	ng	99
50) Dimethylphthalate	14.09	163	71187	10.295	ng	97
75) Fluoranthene	19.44	202	51055	3.362	ng	99
78) Pyrene	19.80	202	48578	3.175	ng	98
81) Benzo(a)anthracene	21.63	228	31581	2.040	ng	95
83) Chrysene	21.70	228	34814	2.263	ng	95
88) Benzo(b)fluoranthene	23.84	252	39144	2.345	ng	99

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

Quantitation Report (QT Reviewed)

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Data File : BG043514.D
Acq On : 5 Nov 2019 19:07
Operator : JU
Sample : K5602-05RX
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 06 02:27:02 2019
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Instrument :
BNA_G
ClientSampleId :
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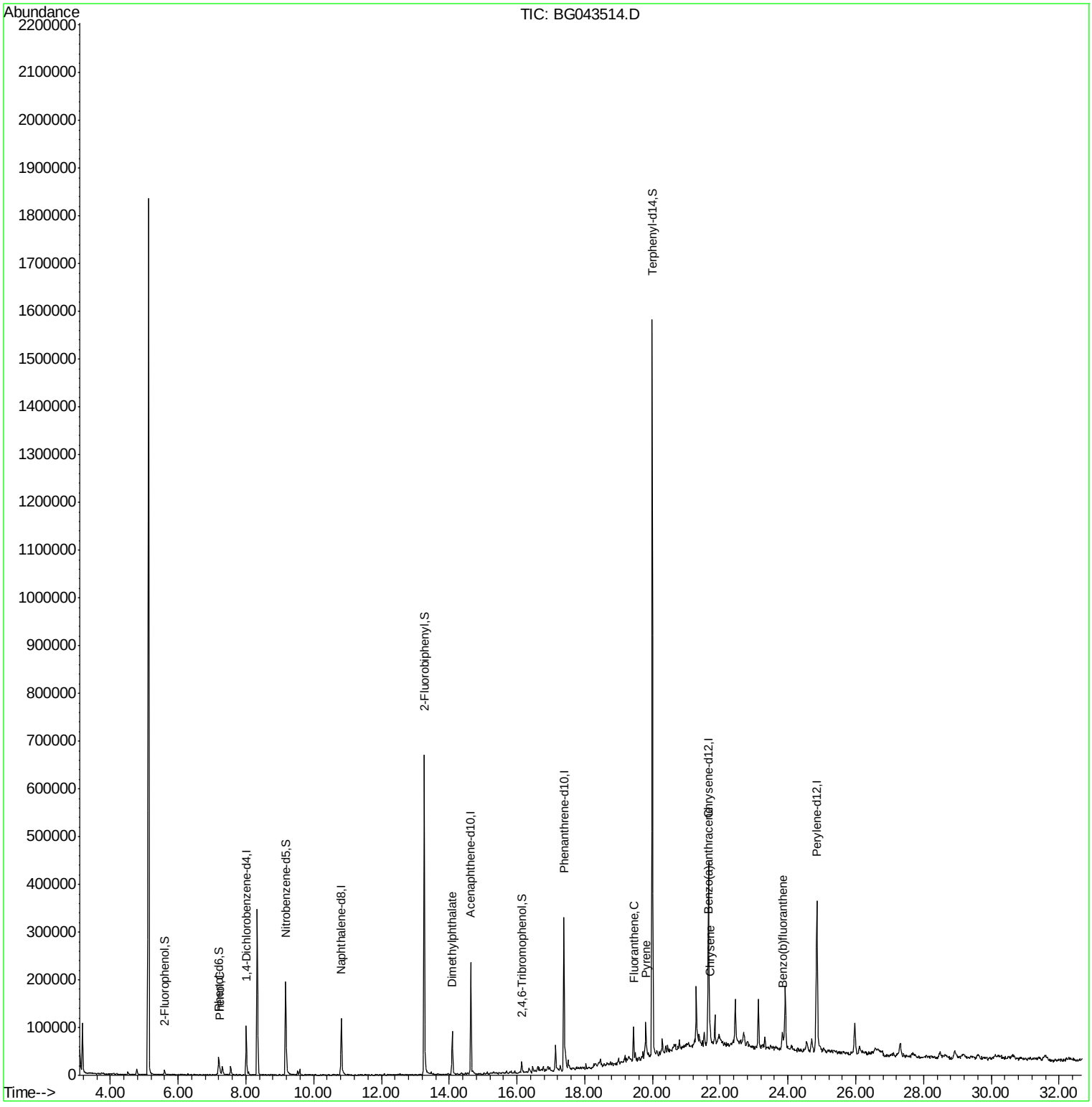
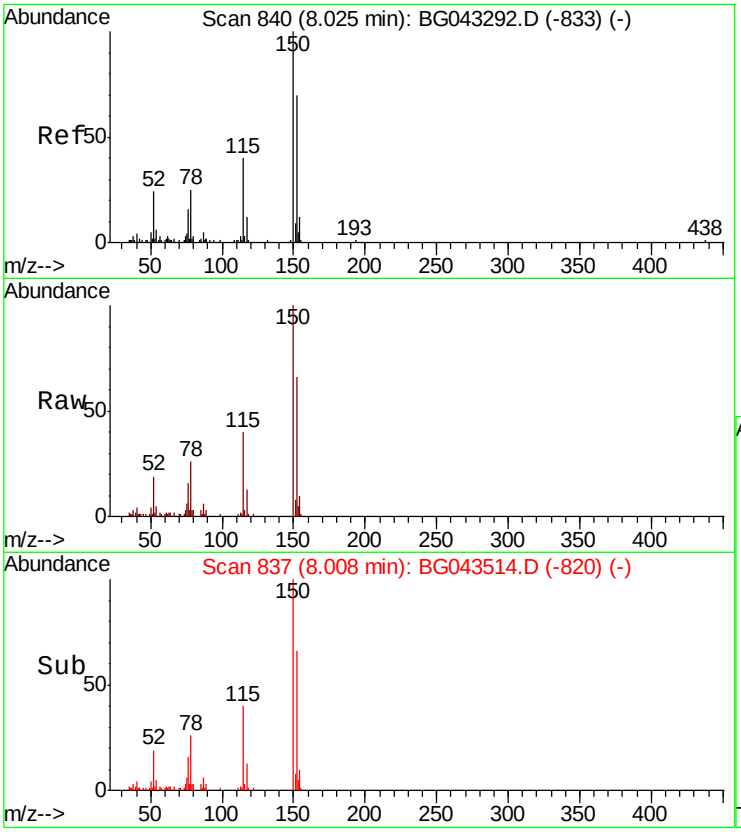
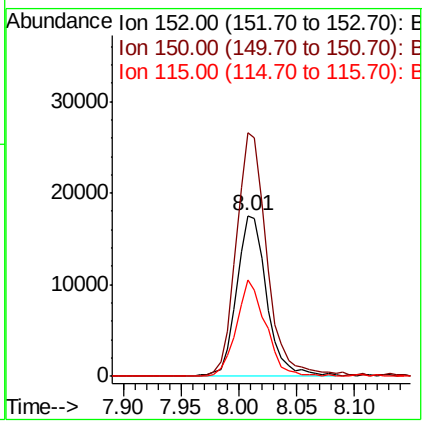




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043514.D
Acq: 5 Nov 2019 19:07

Tgt Ion:152 Resp: 31876

Ion	Ratio	Lower	Upper
152	100		
150	151.3	129.4	194.0
115	60.1	48.8	73.2



Instrument :
BNA_G
ClientSampleId :
20190942-AMENDED-COMPOSITE-

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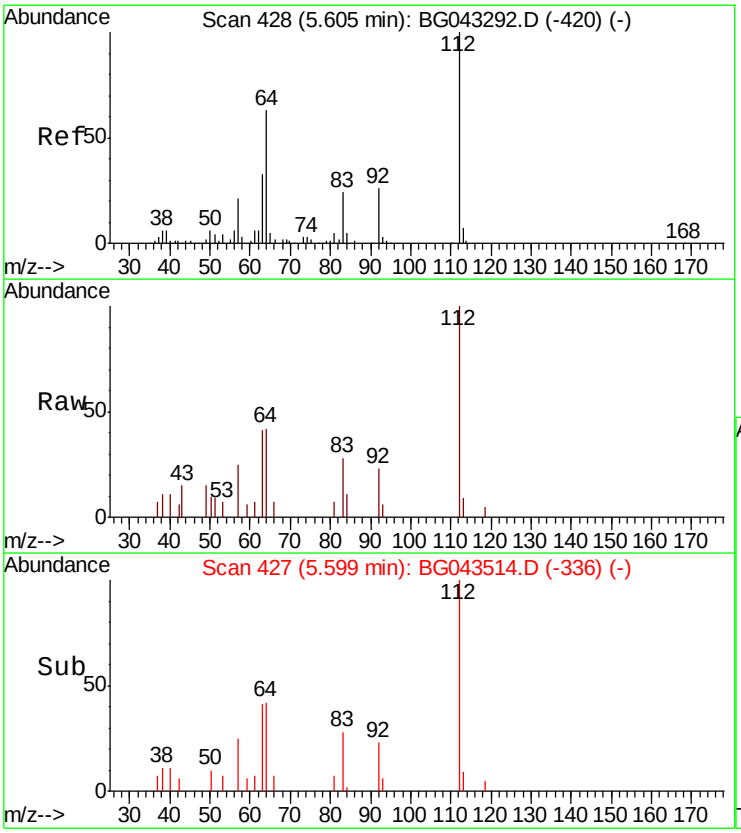
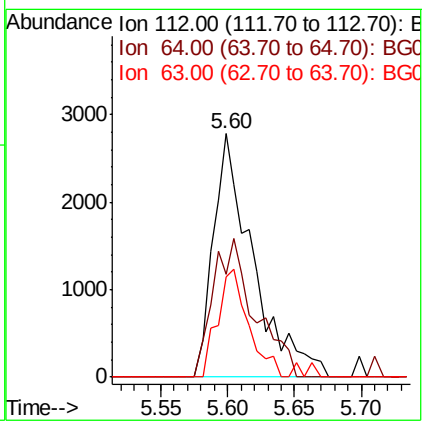
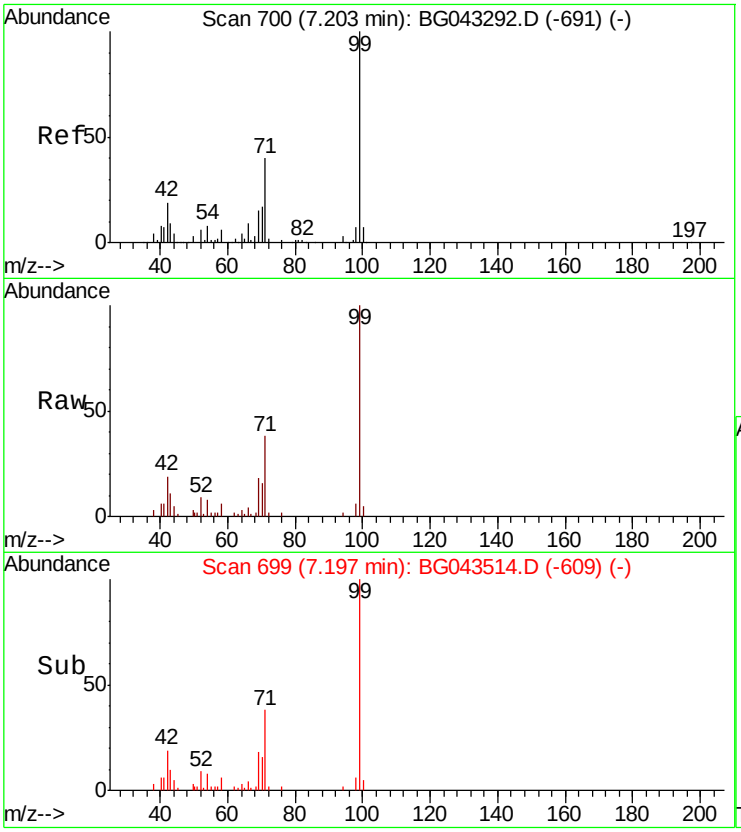


#5
2-Fluorophenol
Concen: 3.318 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG043514.D
Acq: 5 Nov 2019 19:07

Tgt Ion:112 Resp: 5772

Ion	Ratio	Lower	Upper
112	100		
64	42.2	50.0	75.0#
63	40.9	26.6	40.0#

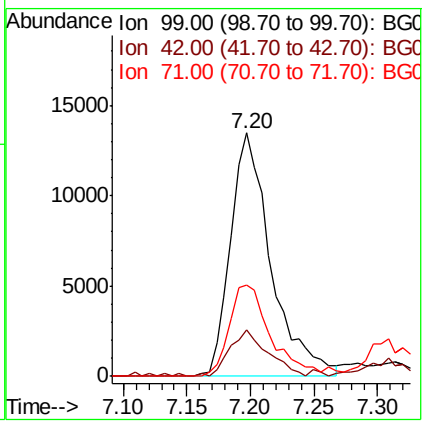




#7
Phenol-d6
Concen: 11.961 ng
RT: 7.20 min Scan# 699
Delta R.T. 0.00 min
Lab File: BG043514.D
Acq: 5 Nov 2019 19:07

Tgt Ion: 99 Resp: 29936

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.6	21.8
71	37.7	32.5	48.7



Instrument :
BNA_G
ClientSampleId :
20190942-AMENDED-COMPOSITE-

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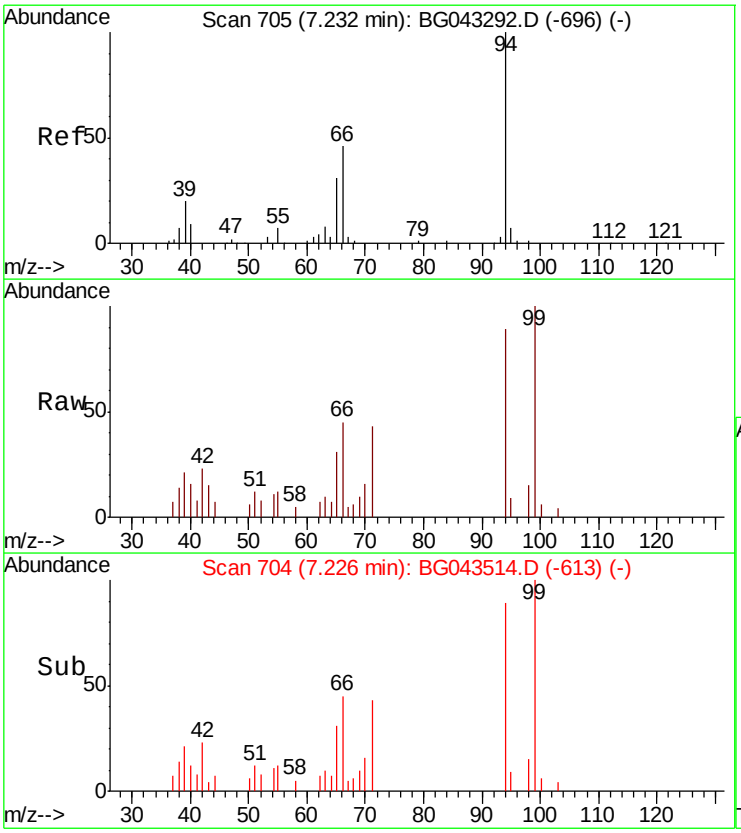
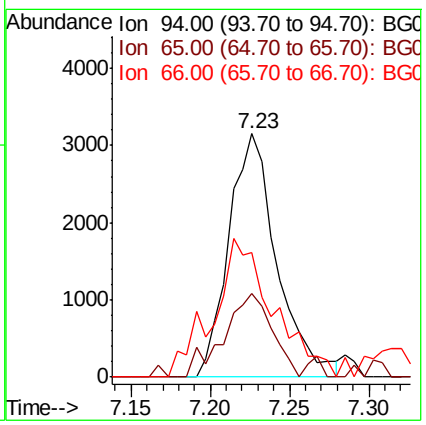
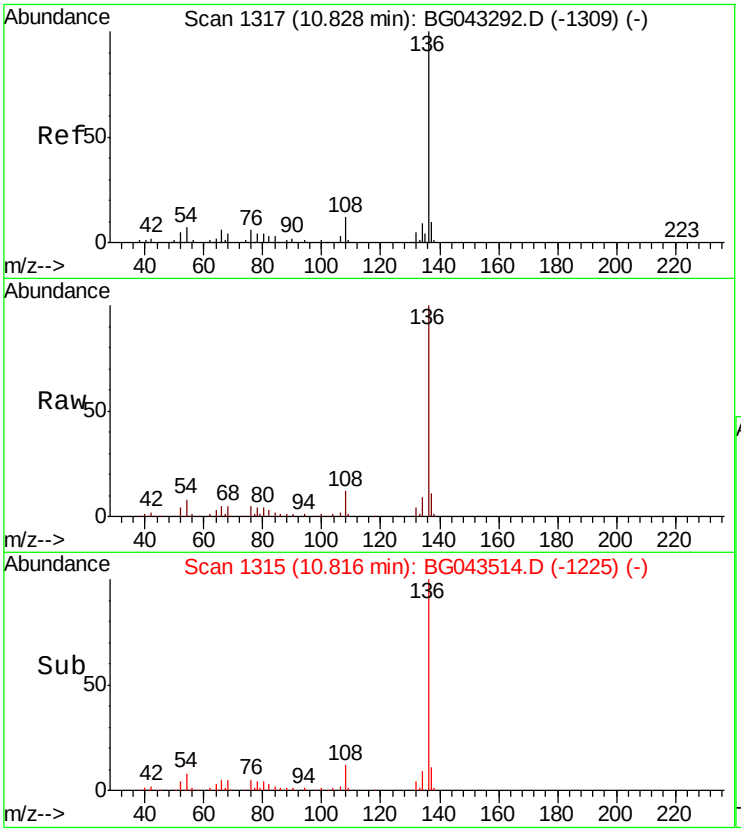


#10
Phenol
Concen: 2.889 ng
RT: 7.23 min Scan# 704
Delta R.T. 0.01 min
Lab File: BG043514.D
Acq: 5 Nov 2019 19:07

Tgt Ion: 94 Resp: 6608

Ion	Ratio	Lower	Upper
94	100		
65	34.4	12.6	52.6
66	50.9	30.7	70.7

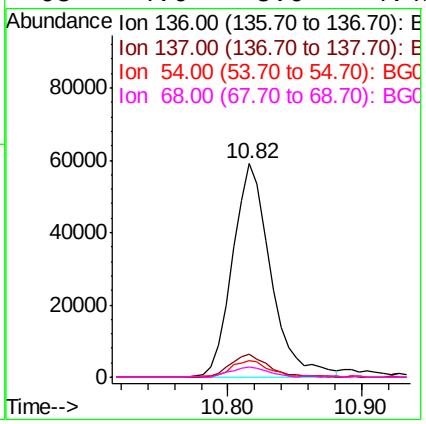




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043514.D
Acq: 5 Nov 2019 19:07

Tgt Ion:136 Resp: 117376

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.1	5.4	8.2
68	4.6	3.0	4.4#



Instrument :
BNA_G
ClientSampleId :
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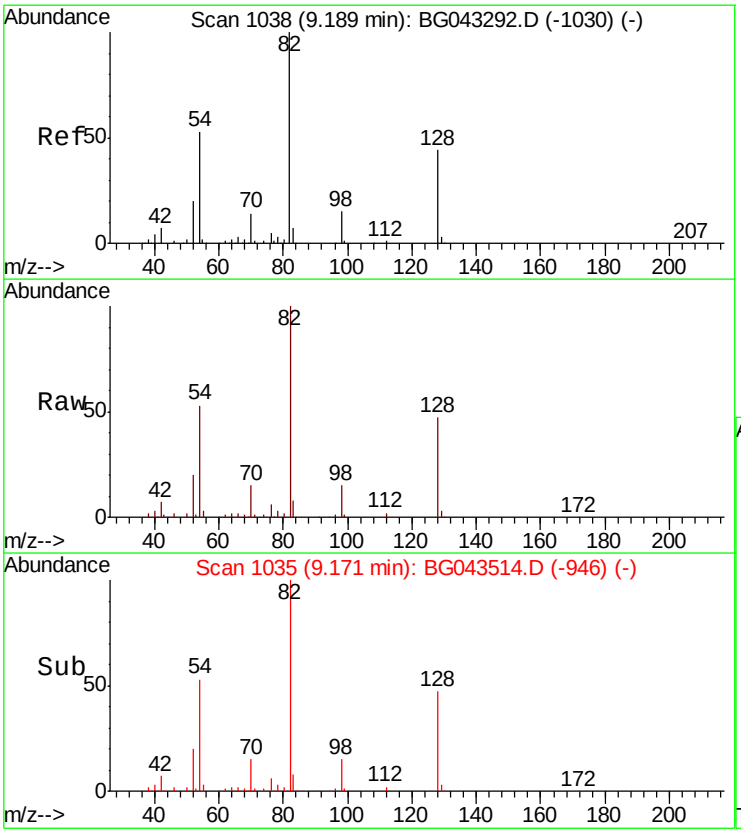
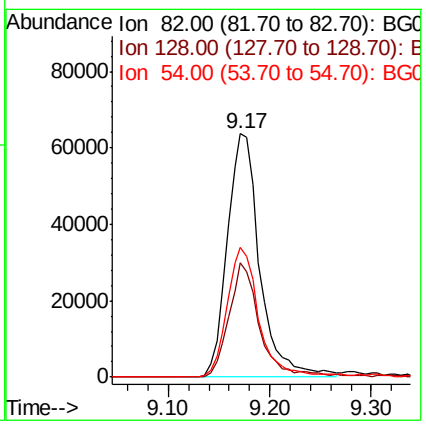
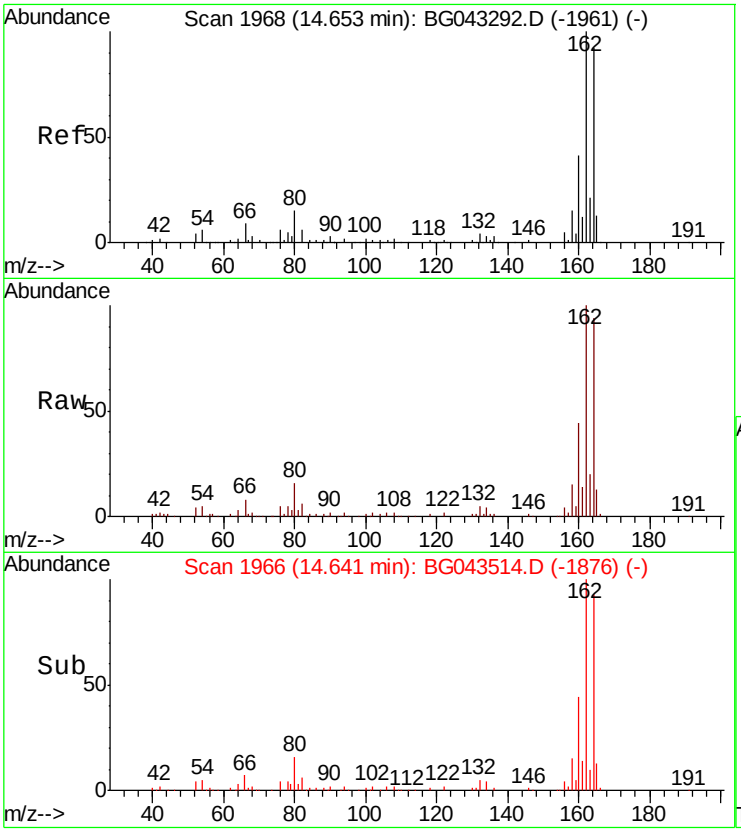


#23
Nitrobenzene-d5
Concen: 62.068 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043514.D
Acq: 5 Nov 2019 19:07

Tgt Ion: 82 Resp: 141312

Ion	Ratio	Lower	Upper
82	100		
128	47.0	35.0	52.6
54	53.5	40.2	60.2

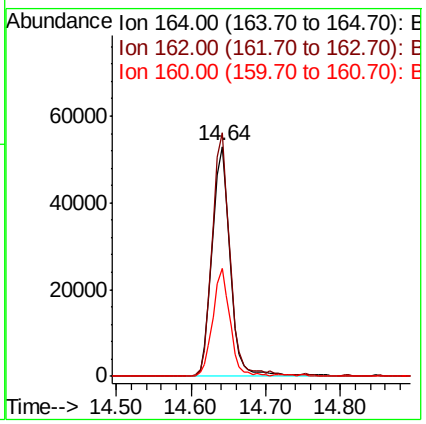




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG043514.D
Acq: 5 Nov 2019 19:07

Tgt Ion:164 Resp: 89272

Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.5	125.3
160	46.7	36.5	54.7



Instrument :
BNA_G
ClientSampleId :
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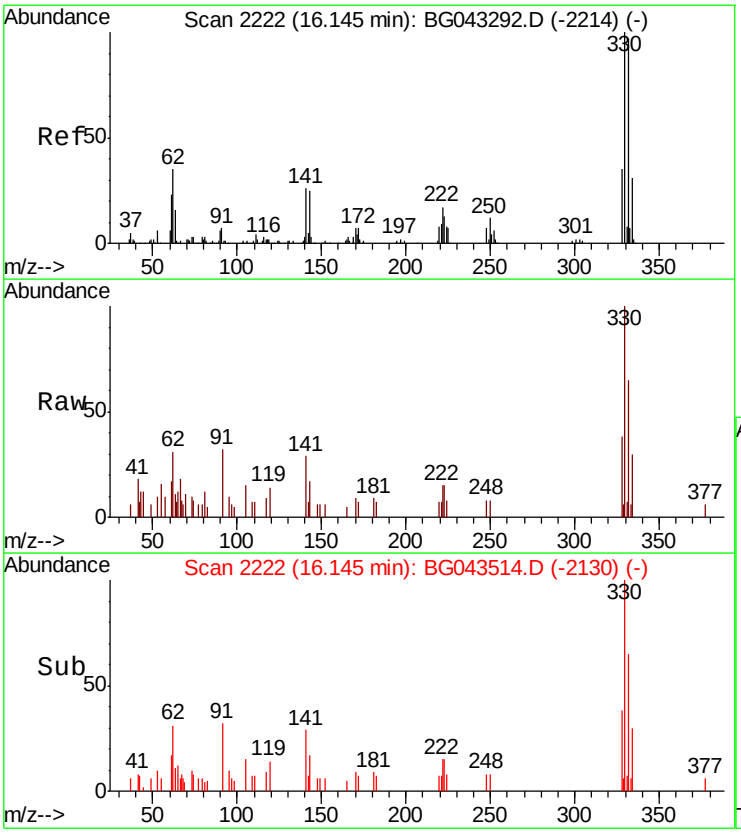
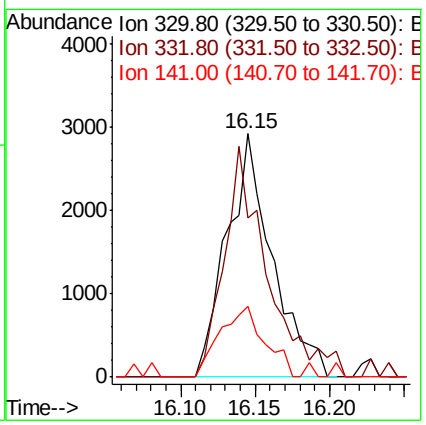
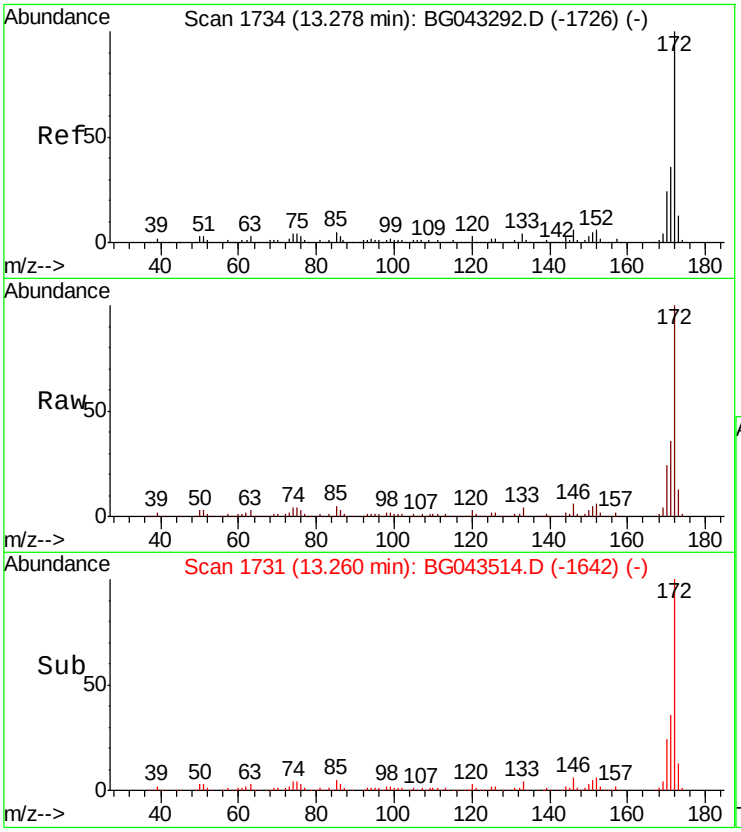


#42
2,4,6-Tribromophenol
Concen: 3.627 ng
RT: 16.15 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BG043514.D
Acq: 5 Nov 2019 19:07

Tgt Ion:330 Resp: 6162

Ion	Ratio	Lower	Upper
330	100		
332	90.4	77.4	116.0
141	28.8	22.8	34.2

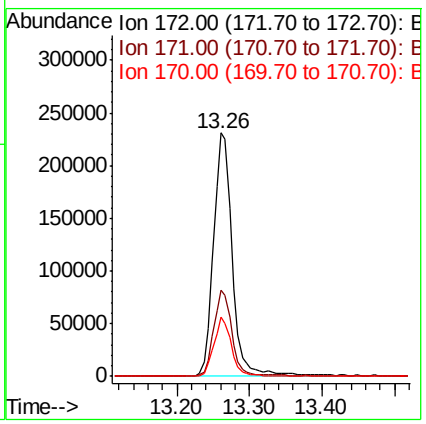




#45
2-Fluorobiphenyl
Concen: 64.511 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043514.D
Acq: 5 Nov 2019 19:07

Tgt Ion:172 Resp: 416778

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	24.4	18.5	27.7



Instrument :
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ClientSampleId :
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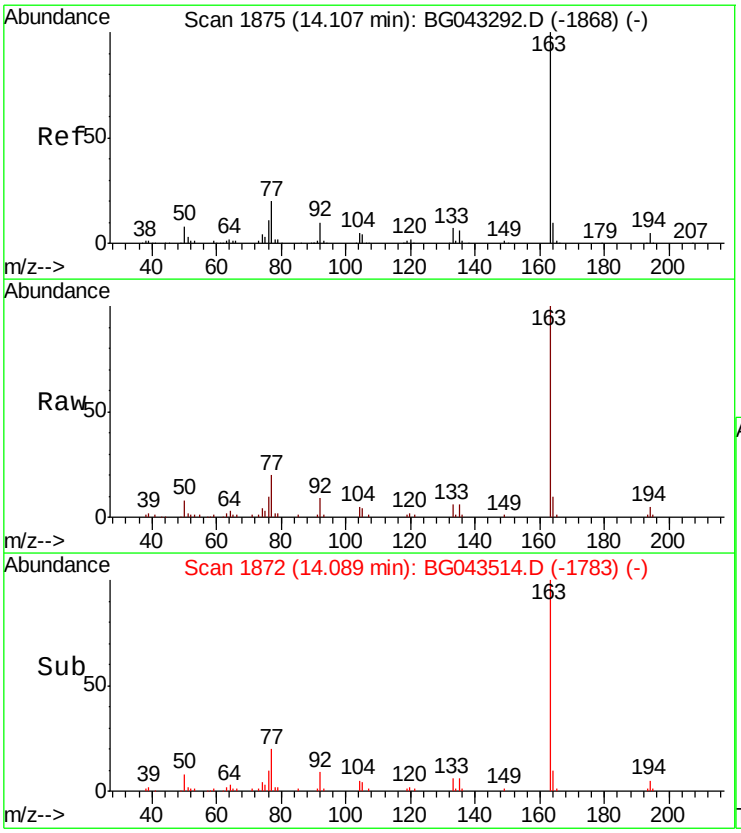
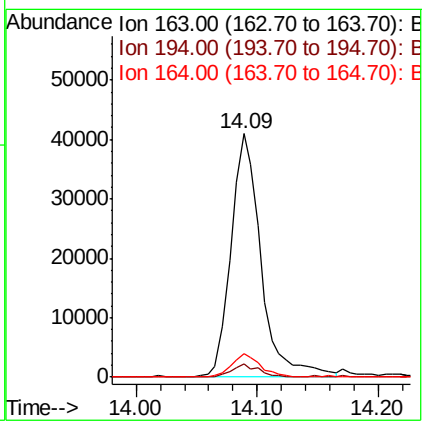
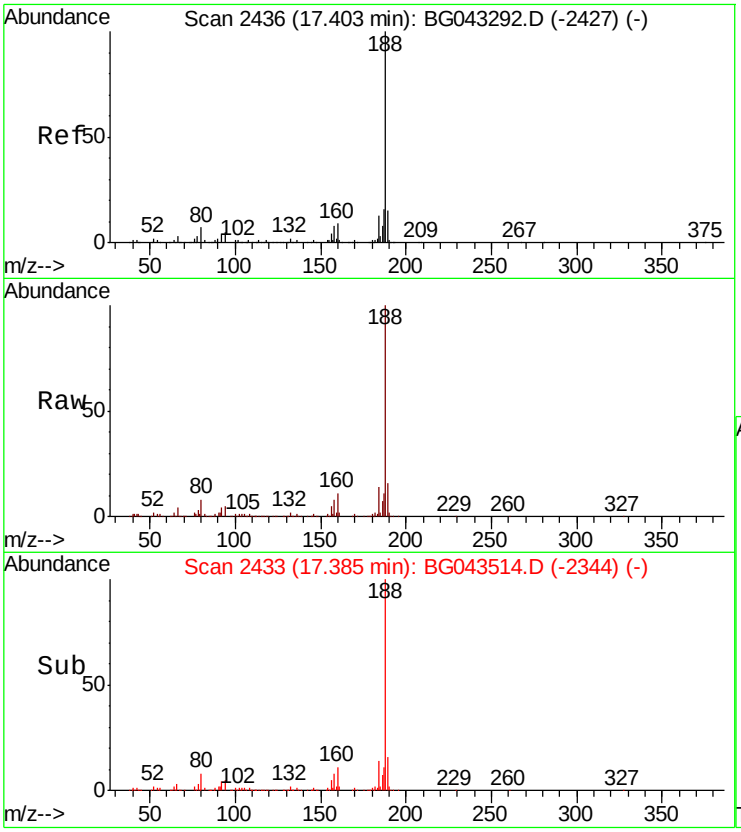


#50
Dimethylphthalate
Concen: 10.295 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043514.D
Acq: 5 Nov 2019 19:07

Tgt Ion:163 Resp: 71187

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.8	5.6
164	9.5	8.9	13.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043514.D
Acq: 5 Nov 2019 19:07

Tgt Ion:188 Resp: 227451

Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.2	6.4
80	8.0	4.5	6.7#

Instrument :
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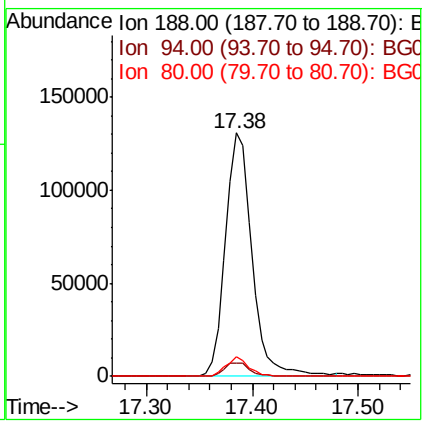
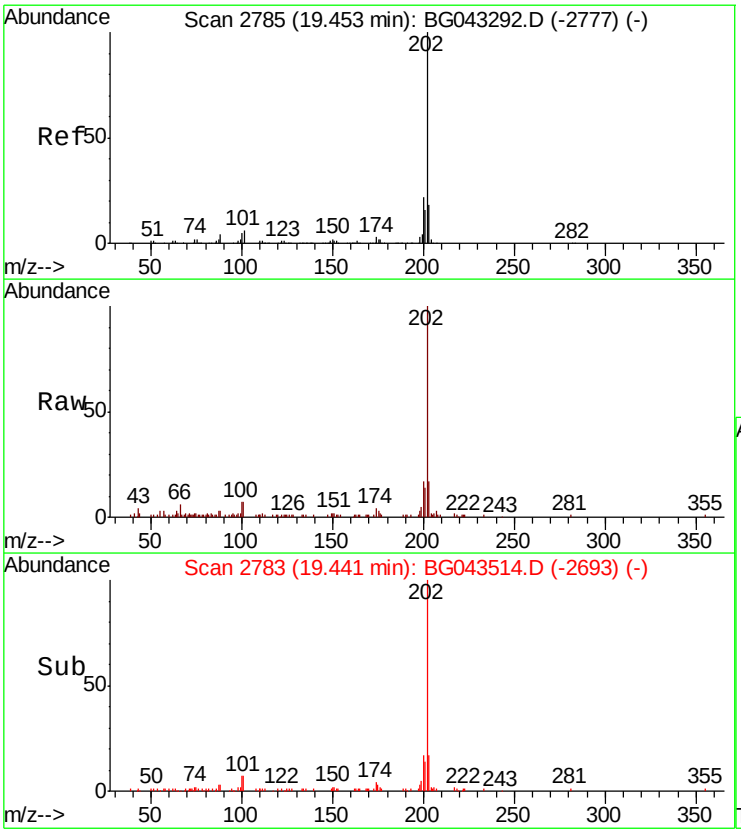
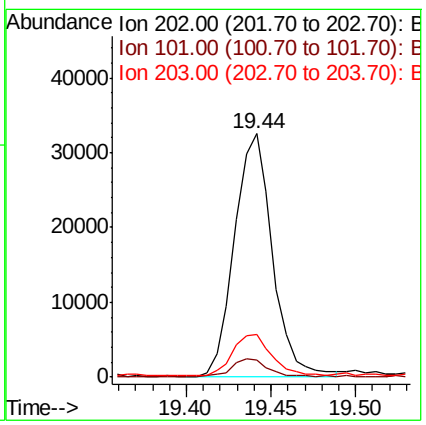


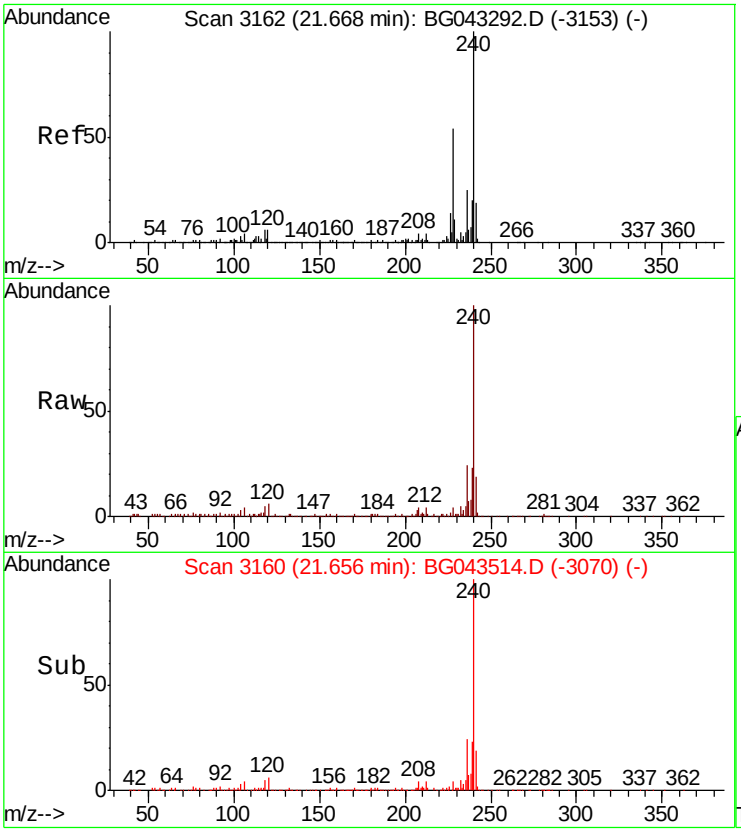


#75
Fluoranthene
Concen: 3.362 ng
RT: 19.44 min Scan# 2783
Delta R.T. 0.00 min
Lab File: BG043514.D
Acq: 5 Nov 2019 19:07

Tgt Ion:202 Resp: 51055

Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	26.3
203	17.4	0.0	37.9

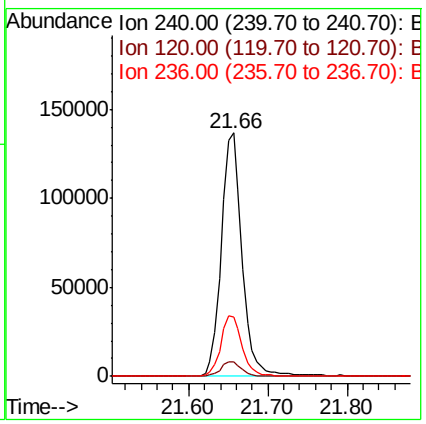




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG043514.D
Acq: 5 Nov 2019 19:07

Tgt Ion:240 Resp: 247194

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.6	6.8
236	24.3	19.8	29.8



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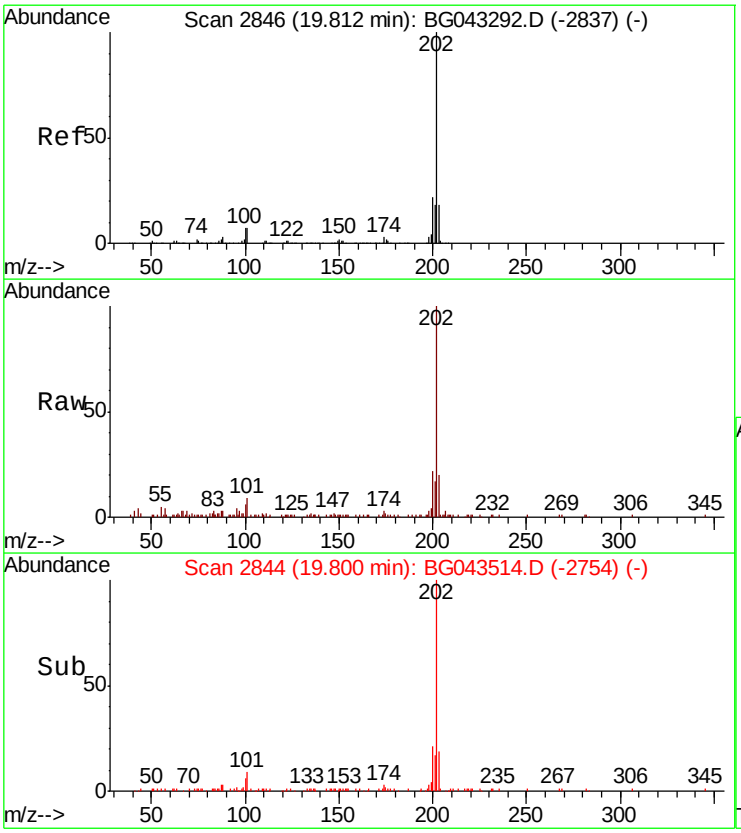
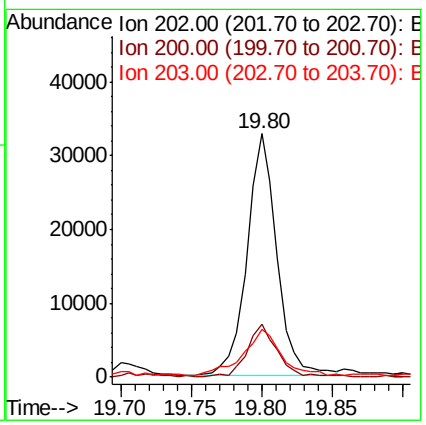
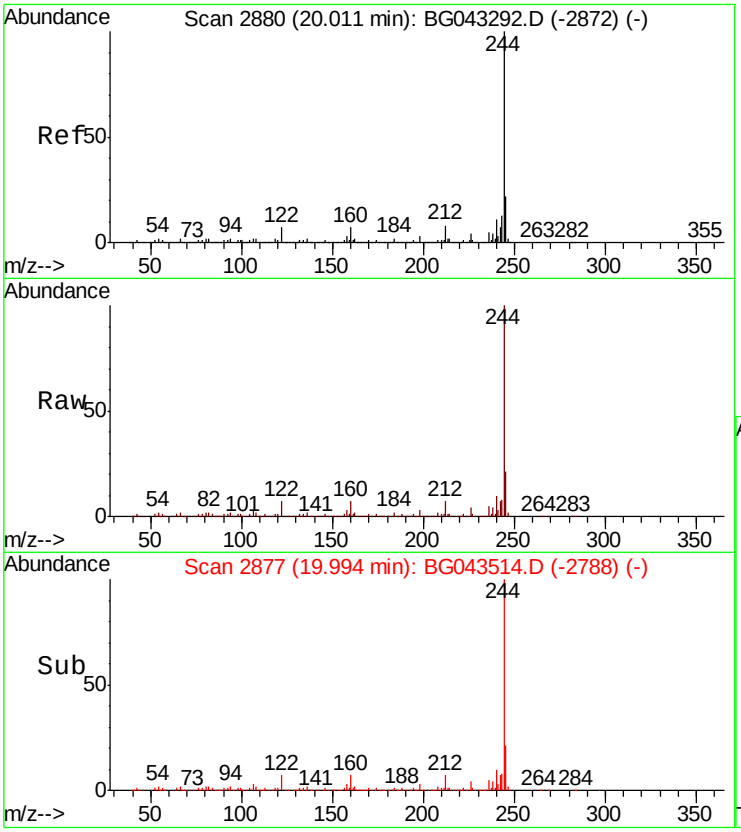


#78
Pyrene
Concen: 3.175 ng
RT: 19.80 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BG043514.D
Acq: 5 Nov 2019 19:07

Tgt Ion:202 Resp: 48578

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.4
203	19.6	14.7	22.1

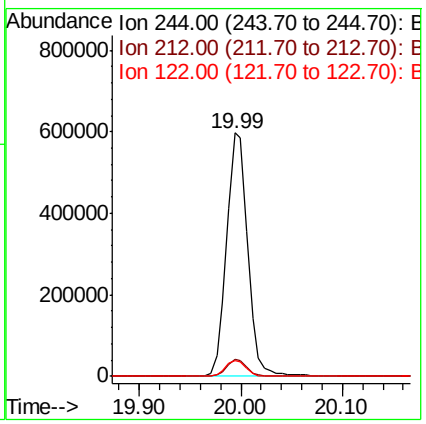




#79
Terphenyl-d14
Concen: 65.411 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BG043514.D
Acq: 5 Nov 2019 19:07

Tgt Ion:244 Resp: 861875

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	6.7	5.4	8.2



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ClientSampleId :
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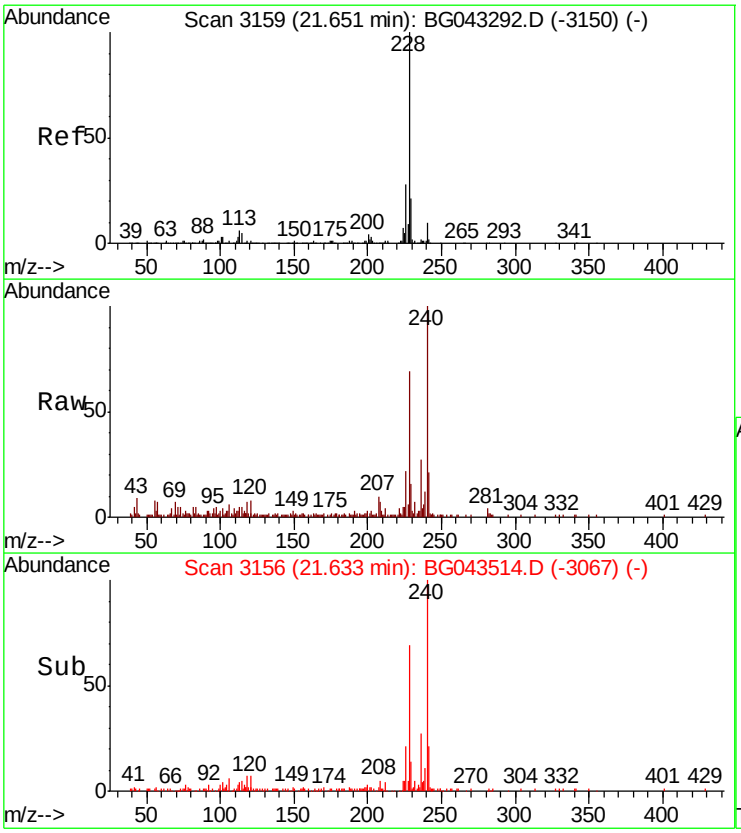
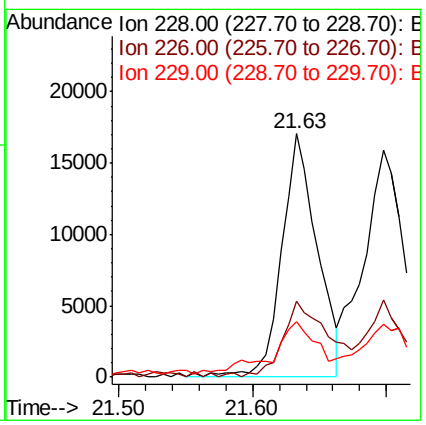
11/6/2019 8:41:21 AM

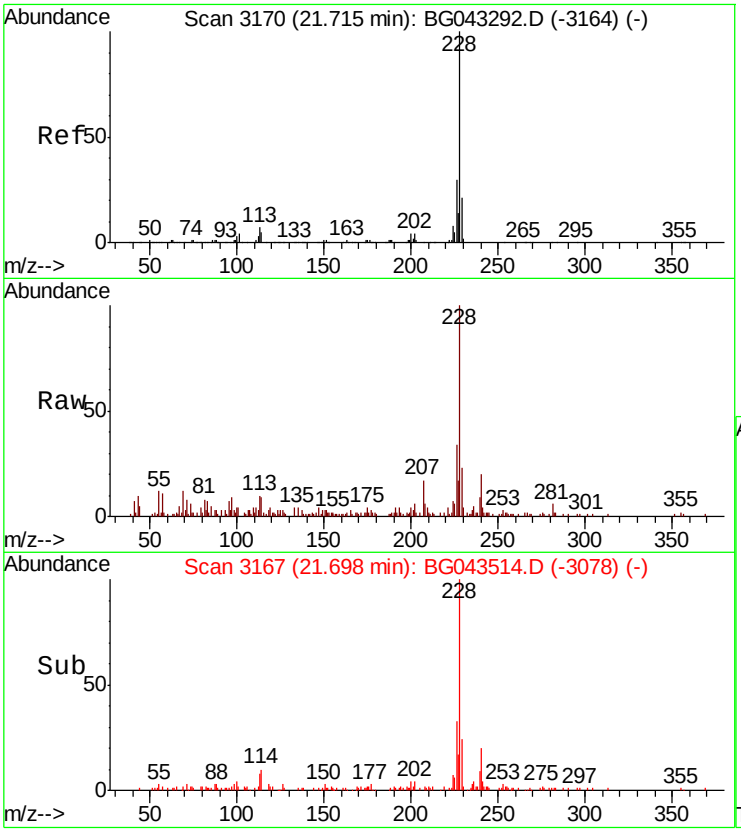


#81
Benzo(a)anthracene
Concen: 2.040 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG043514.D
Acq: 5 Nov 2019 19:07

Tgt Ion:228 Resp: 31581

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.2	33.2
229	22.8	17.0	25.4

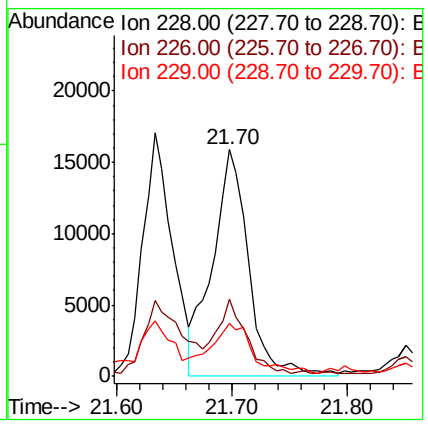




#83
Chrysene
Concen: 2.263 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG043514.D
Acq: 5 Nov 2019 19:07

Tgt Ion:228 Resp: 34814

Ion	Ratio	Lower	Upper
228	100		
226	33.9	25.1	37.7
229	23.5	17.0	25.4



Instrument :
BNA_G
ClientSampleId :
20190942-AMENDED-COMPOSITE-

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mohammad
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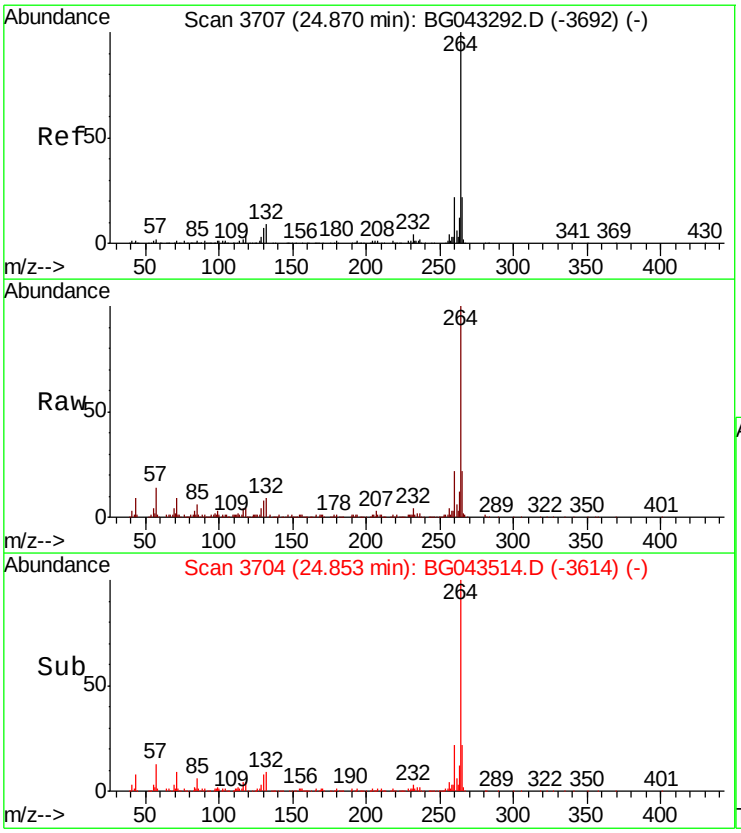
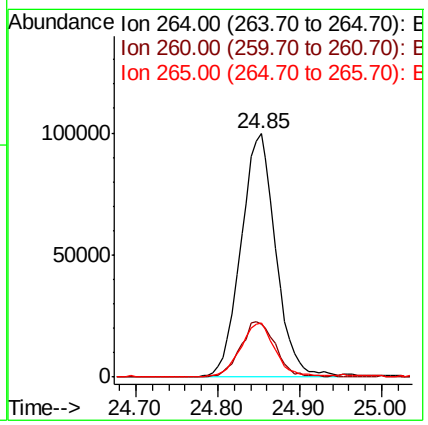
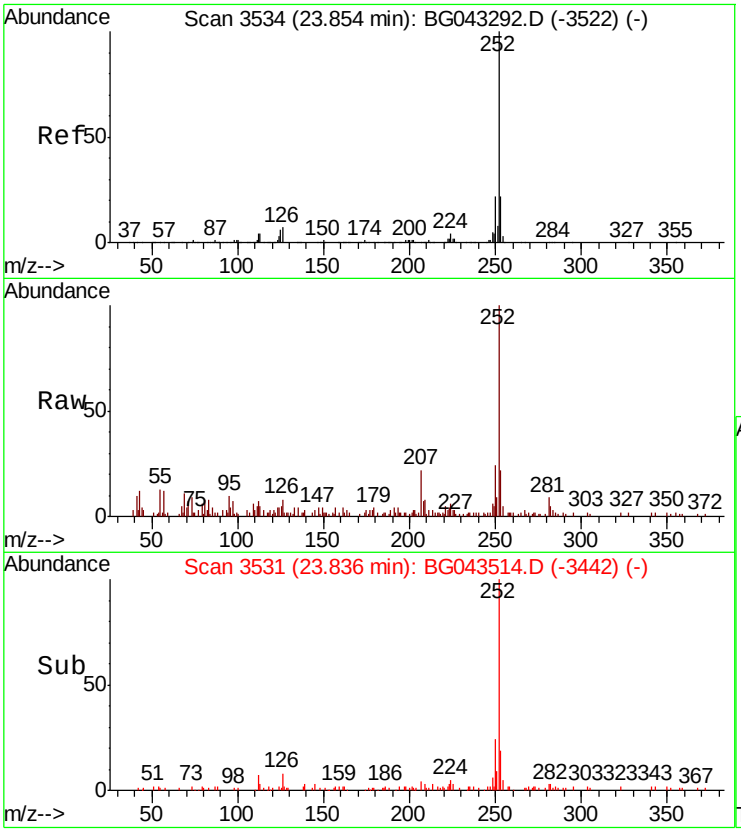


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. 0.00 min
Lab File: BG043514.D
Acq: 5 Nov 2019 19:07

Tgt Ion:264 Resp: 294702

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.5	26.3
265	22.3	17.4	26.0

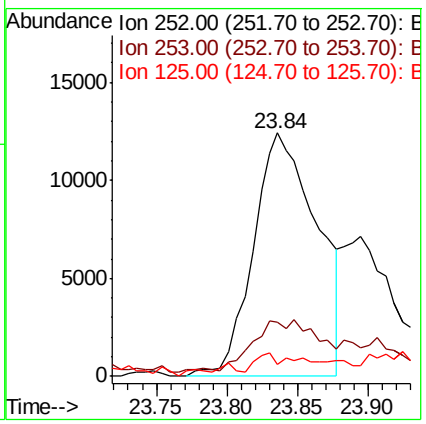




#88
Benzo(b)fluoranthene
Concen: 2.345 ng
RT: 23.84 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG043514.D
Acq: 5 Nov 2019 19:07

Tgt Ion:252 Resp: 39144

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	5.0	4.5	6.7



Instrument :
BNA_G
ClientSampleId :
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