Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104318.D
Acq On : 6 Apr 2018 21:03
Operator : JU/SJ
Sample : J2228-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ACV-102-20-ACV-43-30

Manual Integrations APPROVED
Sohil
4/9/2018 11:18:28 AM

Quant Time: Apr 07 00:08:26 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	129665	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	530211	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	238195	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	375083	20.00	ng	0.00
75) Chrysene-d12	13.97	240	285578	20.00	ng	0.00
86) Perylene-d12	15.42	264	276929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	765902	90.32	ng	0.00
7) Phenol-d6	6.43	99	943255	90.53	ng	0.00
23) Nitrobenzene-d5	7.36	82	555420	68.40	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	202539	81.97	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	931866	61.80	ng	0.00
78) Terphenyl-d14	12.92	244	682661	54.50	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.43	94	40849	3.695	ng	# 72
49) Dimethylphthalate	9.55	163	83204	4.430	ng	100
70) Phenanthrene	11.35	178	61426	2.941	ng	100
71) Anthracene	11.35	178	61426	2.893	ng	99
74) Fluoranthene	12.54	202	139612	6.397	ng	97
77) Pyrene	12.77	202	118062	5.577	ng	97
80) Benzo(a)anthracene	13.96	228	57401	3.365	ng	99
82) Chrysene	13.99	228	63310	3.613	ng	96
87) Benzo(b)fluoranthene	15.00	252	74779m	4.275	ng	
89) Benzo(a)pyrene	15.36	252	48211	3.081	ng	97

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

Quantitation Report (LSC Reviewed)

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Acq On : 6 Apr 2018 21:03
Operator : JU/SJ
Sample : J2228-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 07 00:08:26 2018
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Instrument :
BNA_F
ClientSampleId :
ACV-102-20-ACV-43-30

Manual Integrations APPROVED
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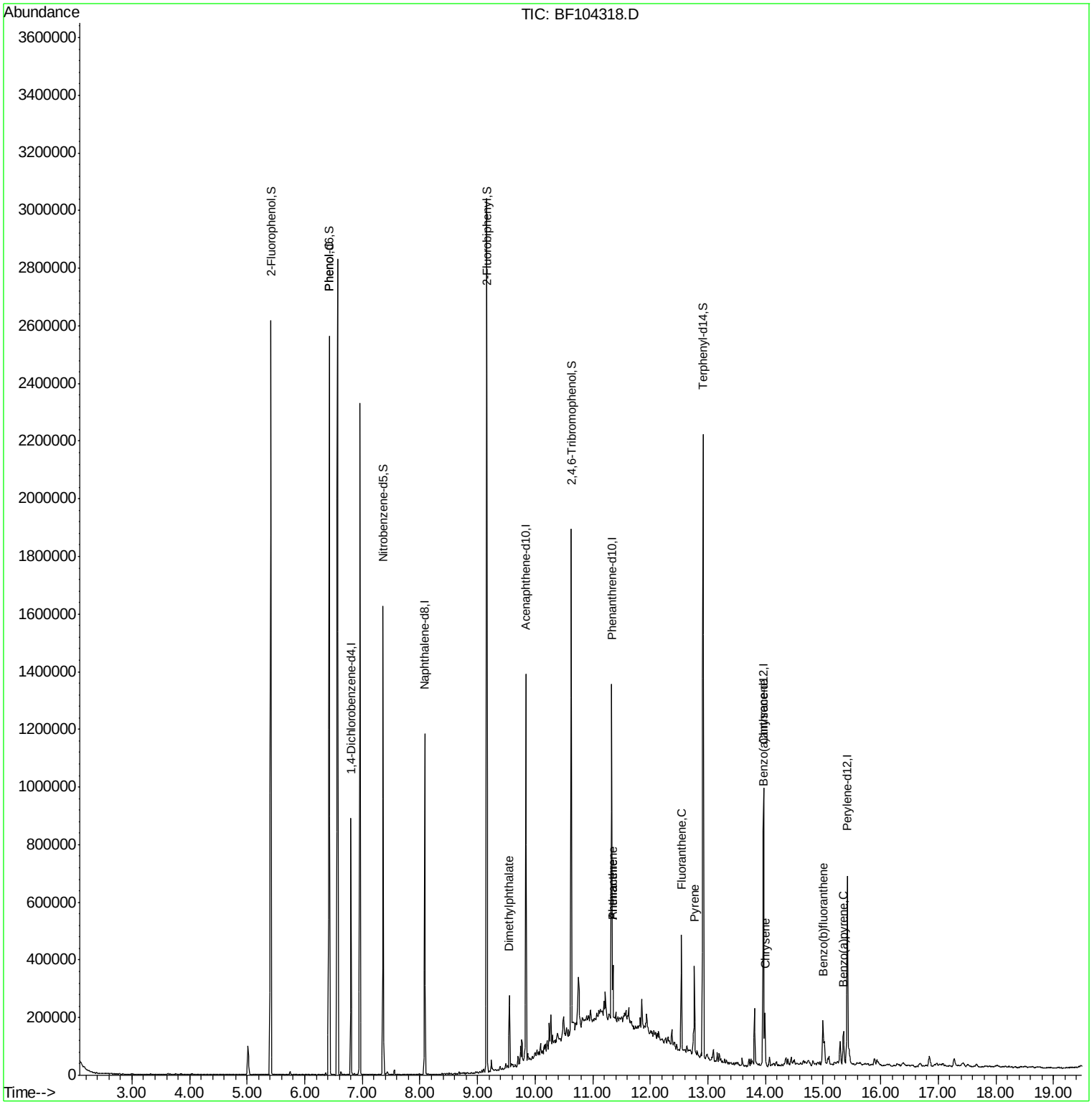
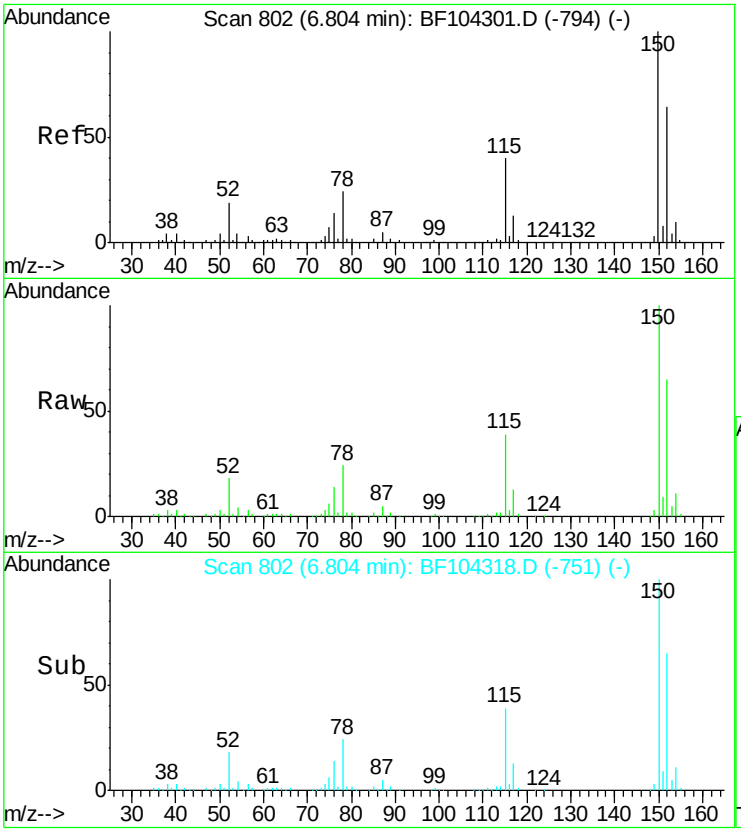
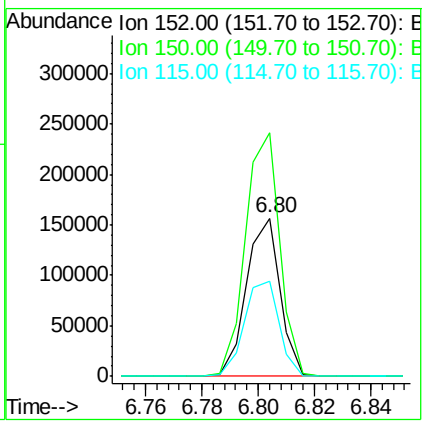




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

Tgt Ion:152 Resp: 129665

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	60.0	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
ACV-102-20-ACV-43-30

Manual Integrations APPROVED
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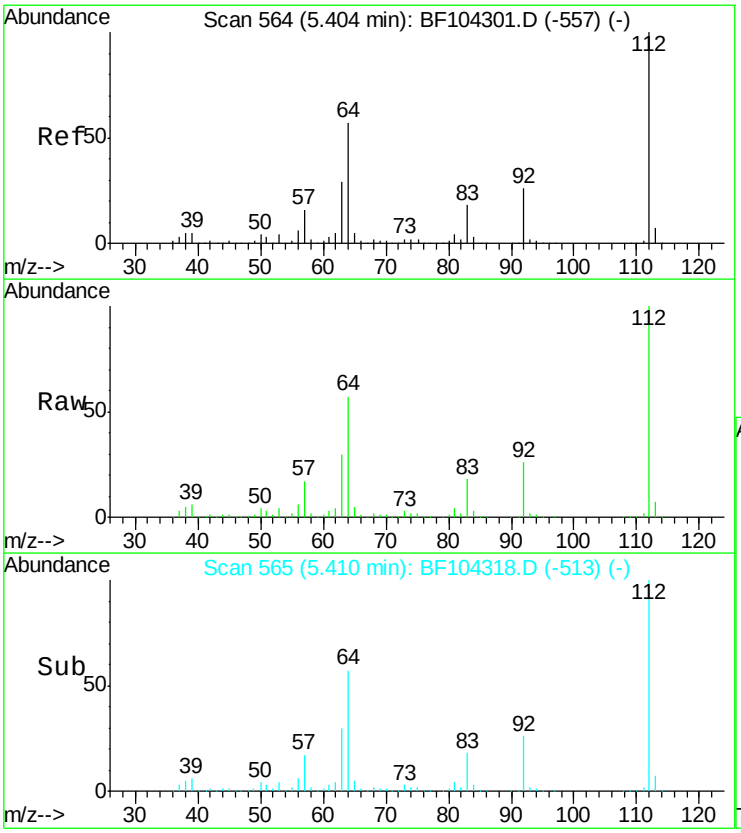
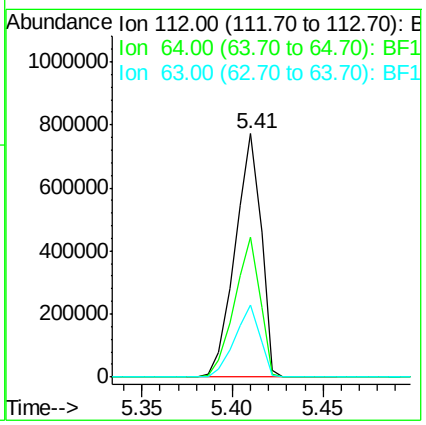
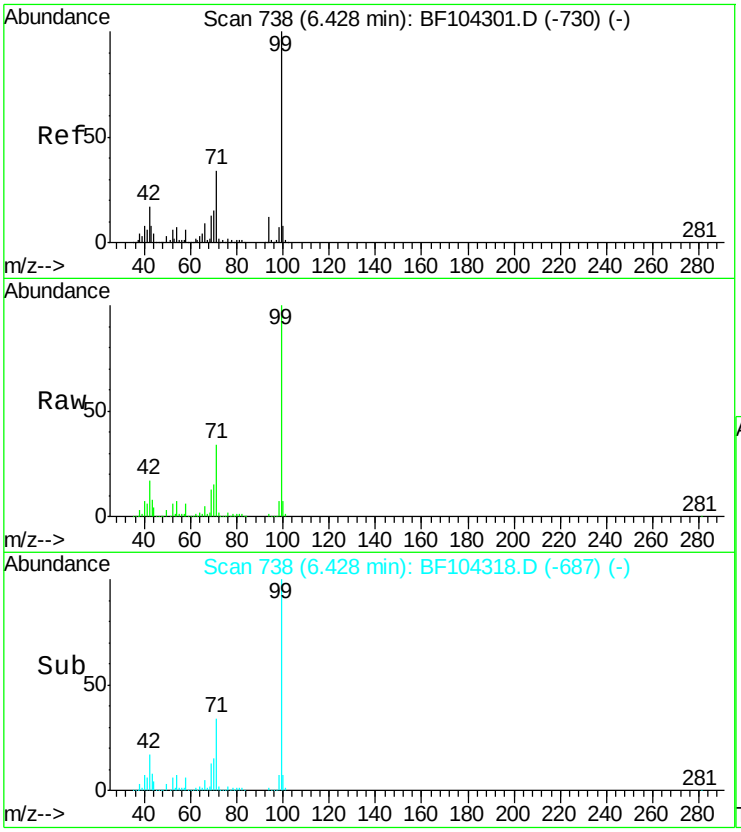


#5
2-Fluorophenol
Concen: 90.318 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

Tgt Ion:112 Resp: 765902

Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	29.8	23.7	35.5

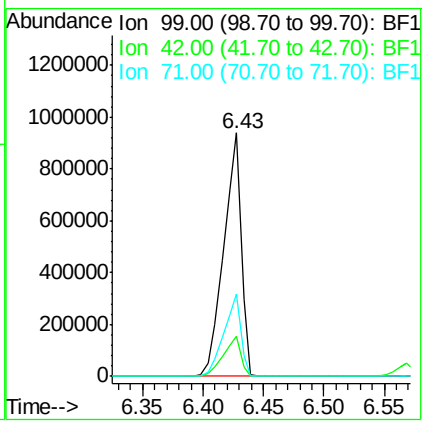




#7
Phenol-d6
Concen: 90.530 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

Tgt Ion: 99 Resp: 943255

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	33.9	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
ACV-102-20-ACV-43-30

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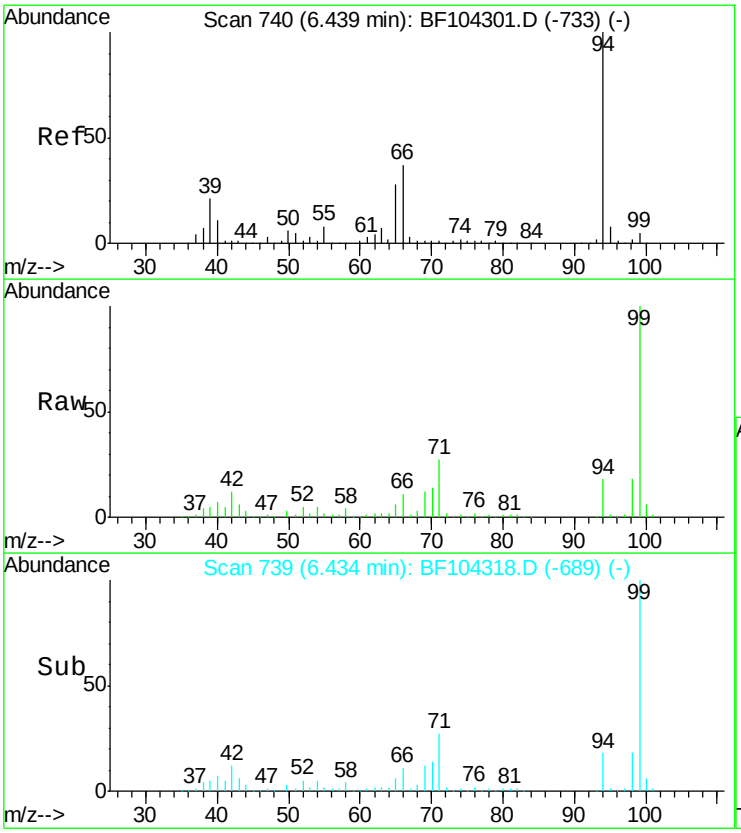
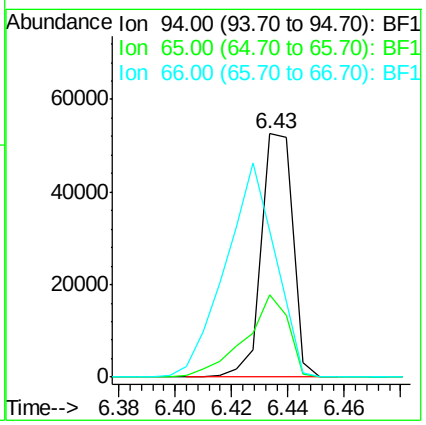
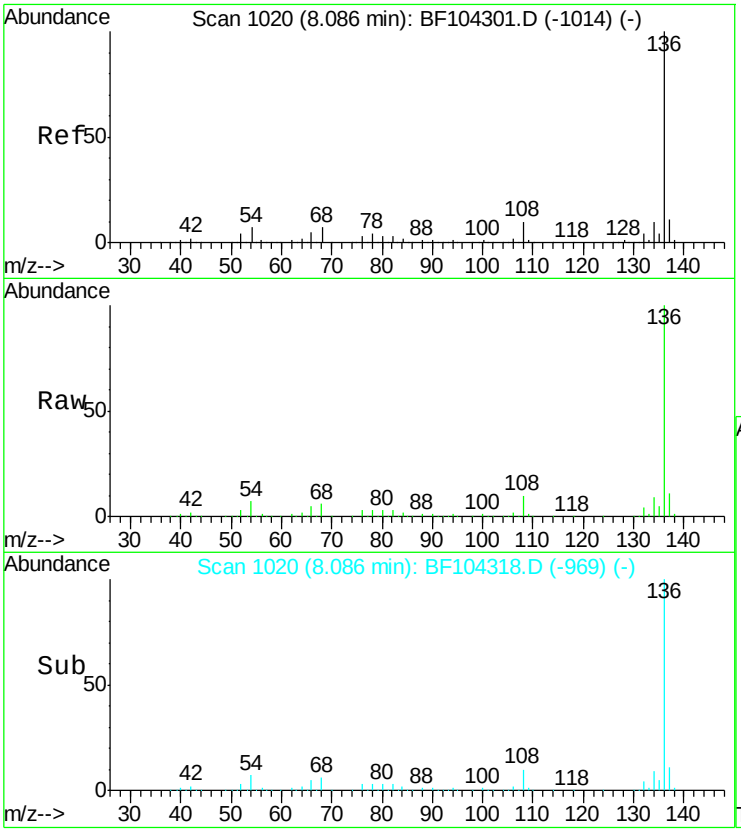


#10
Phenol
Concen: 3.695 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

Tgt Ion: 94 Resp: 40849

Ion	Ratio	Lower	Upper
94	100		
65	33.6	7.9	47.9
66	60.4	16.2	56.2#

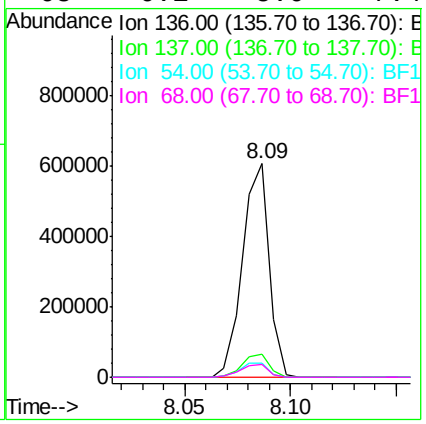




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

Tgt Ion:136 Resp: 530211

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.7	6.6	9.8
68	6.1	5.0	7.4



Instrument :
BNA_F
ClientSampleId :
ACV-102-20-ACV-43-30

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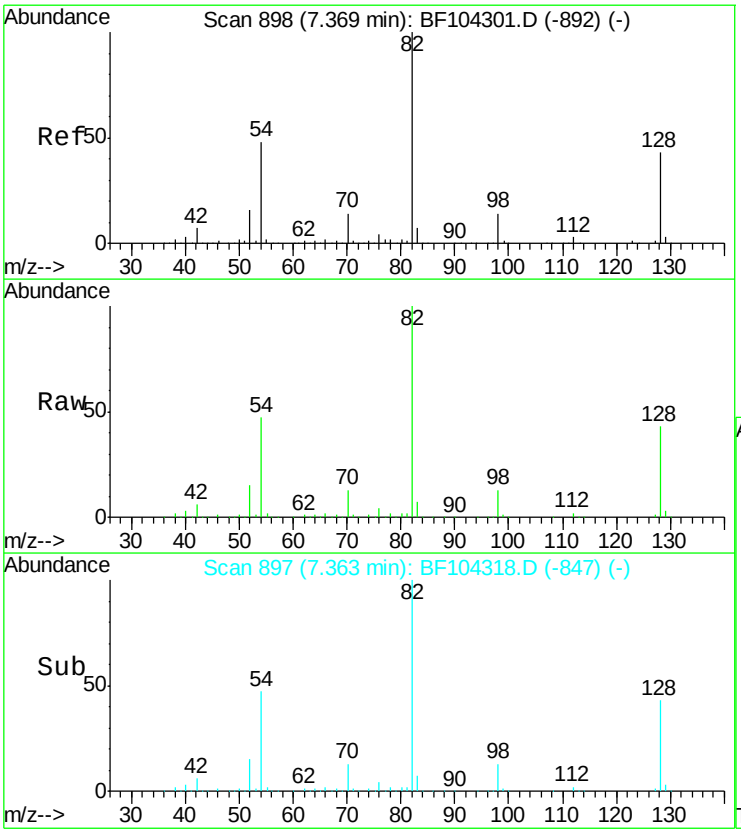
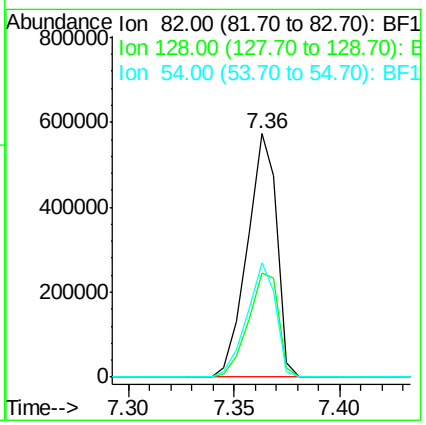
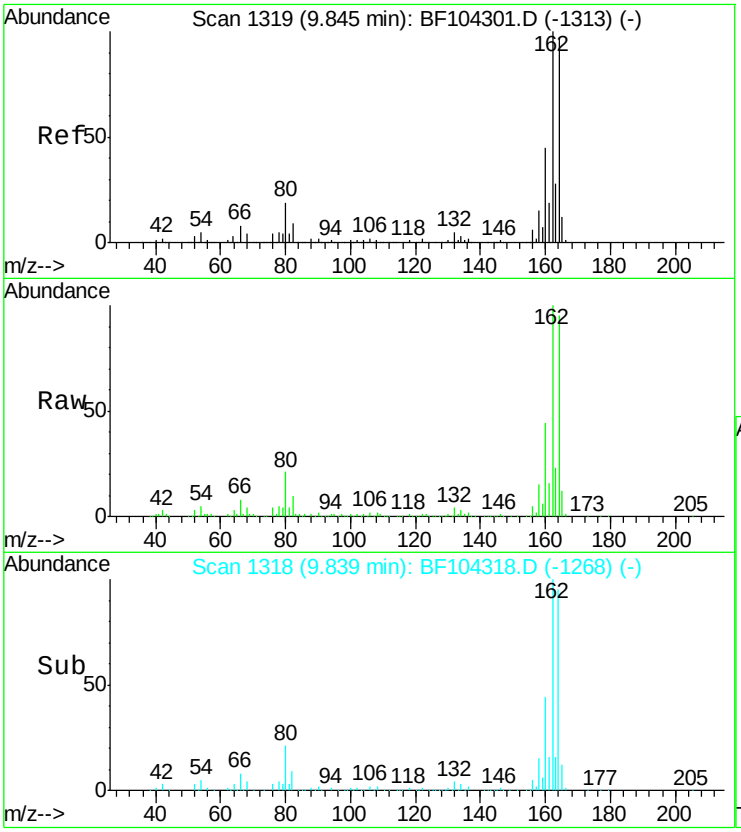


#23
Nitrobenzene-d5
Concen: 68.403 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

Tgt Ion: 82 Resp: 555420

Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	46.8	41.4	62.2

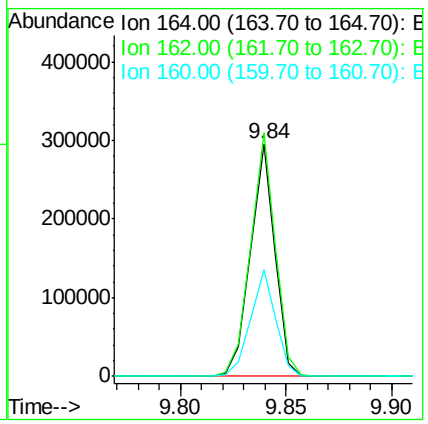




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

Tgt Ion:164 Resp: 238195

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	46.0	38.3	57.5



Instrument :
BNA_F
ClientSampleId :
ACV-102-20-ACV-43-30

Manual Integrations APPROVED
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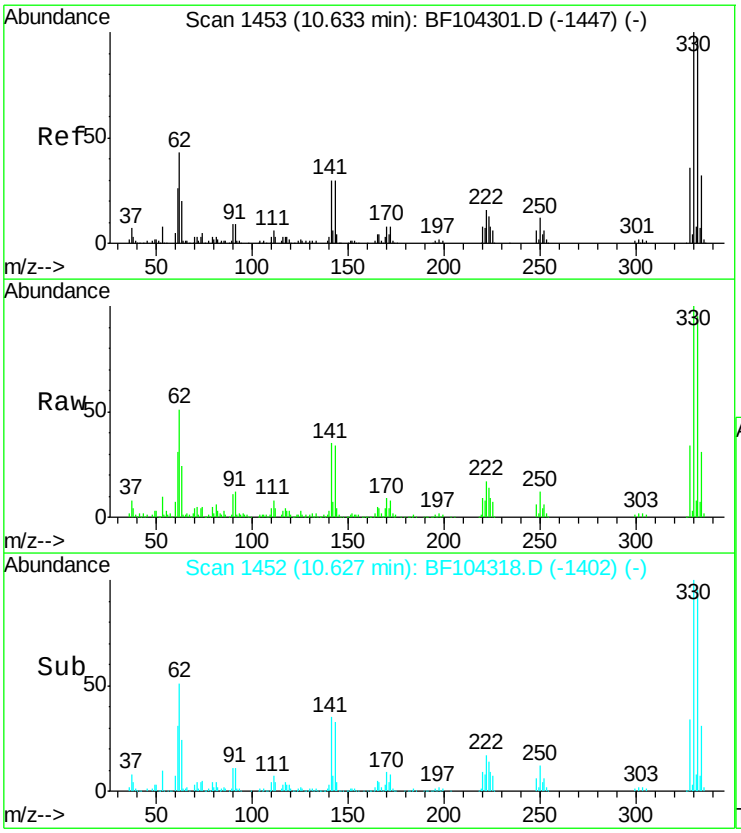
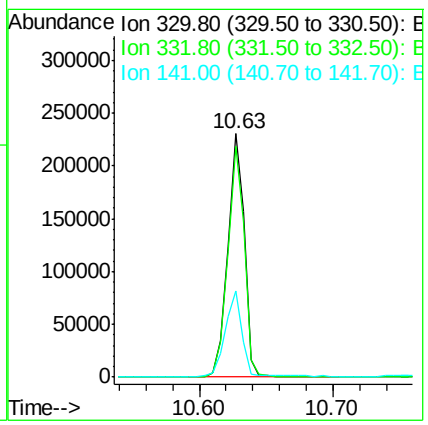
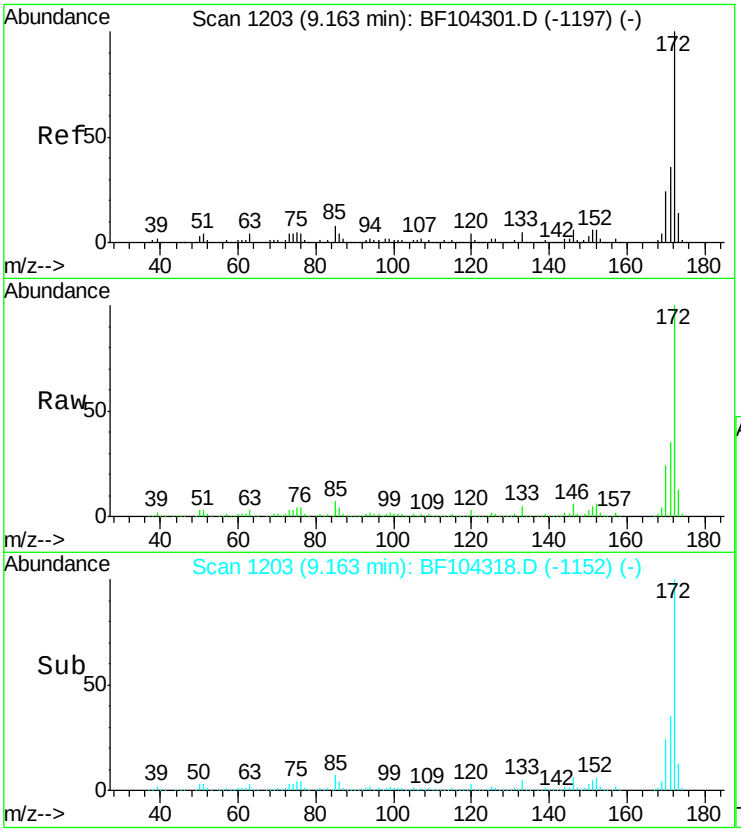


#41
2,4,6-Tribromophenol
Concen: 81.971 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

Tgt Ion:330 Resp: 202539

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	35.4	29.9	44.9

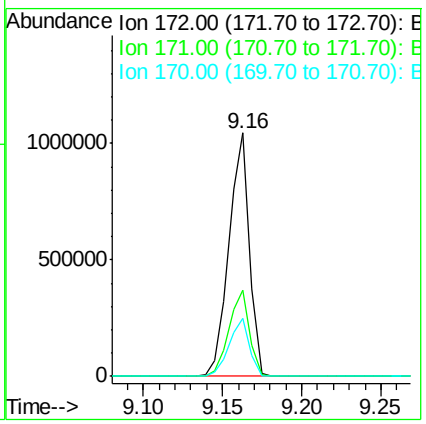




#44
2-Fluorobiphenyl
Concen: 61.803 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

Tgt Ion:172 Resp: 931866

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.0	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
ACV-102-20-ACV-43-30

Manual Integrations APPROVED
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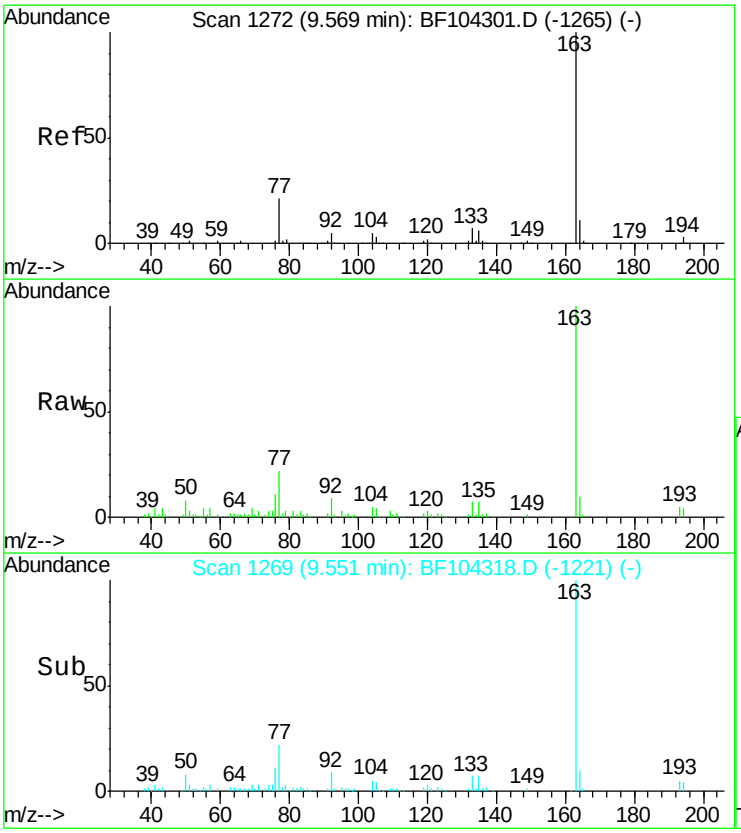
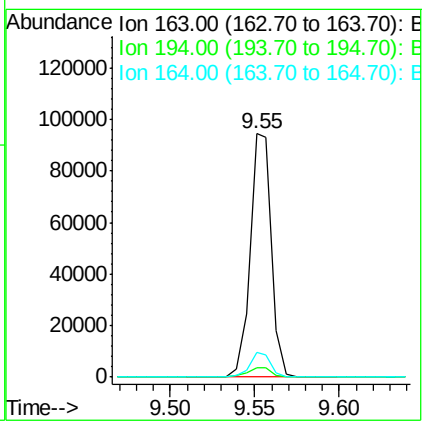
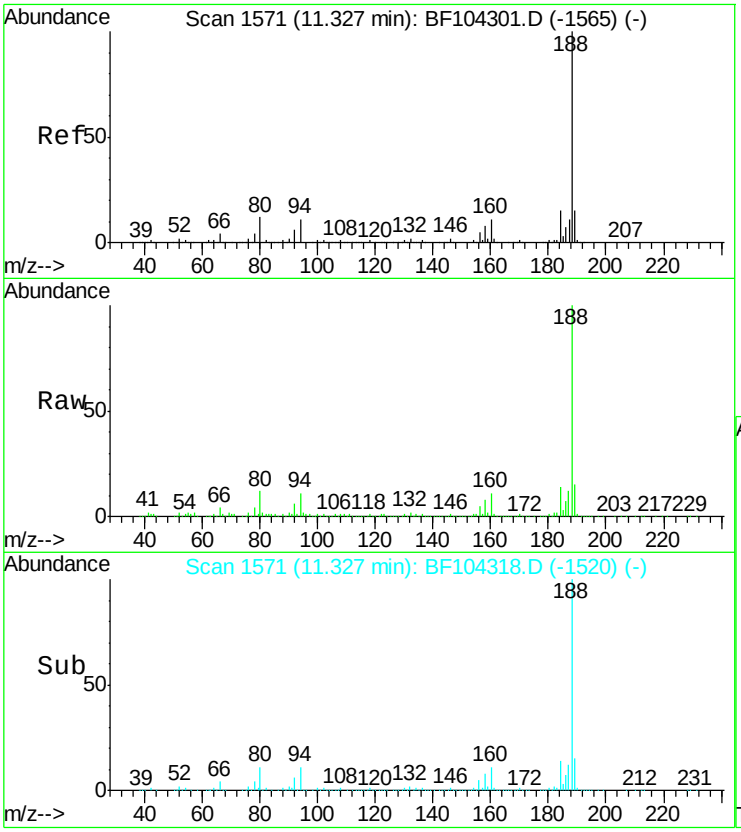


#49
Dimethylphthalate
Concen: 4.430 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

Tgt Ion:163 Resp: 83204

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.1	8.2	12.2

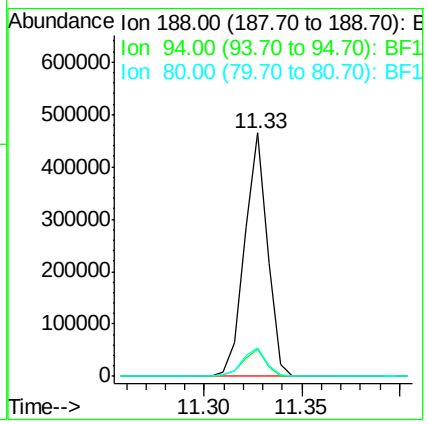




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

Tgt Ion:188 Resp: 375083

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.5	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
ACV-102-20-ACV-43-30

Manual Integrations APPROVED
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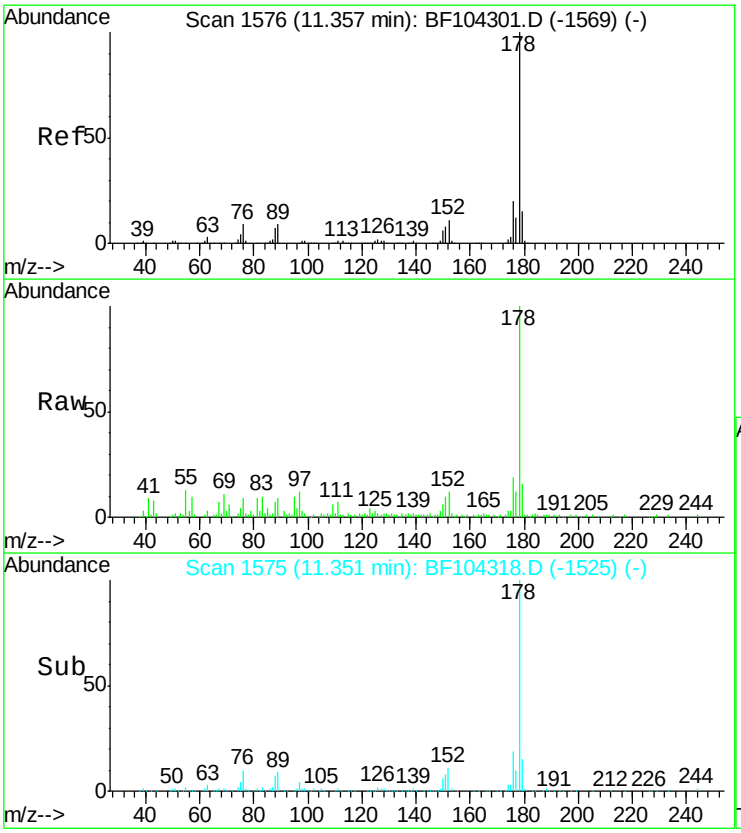
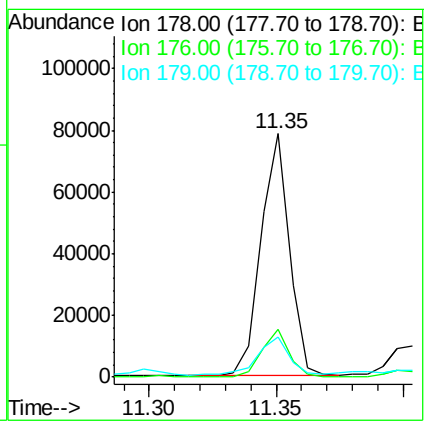
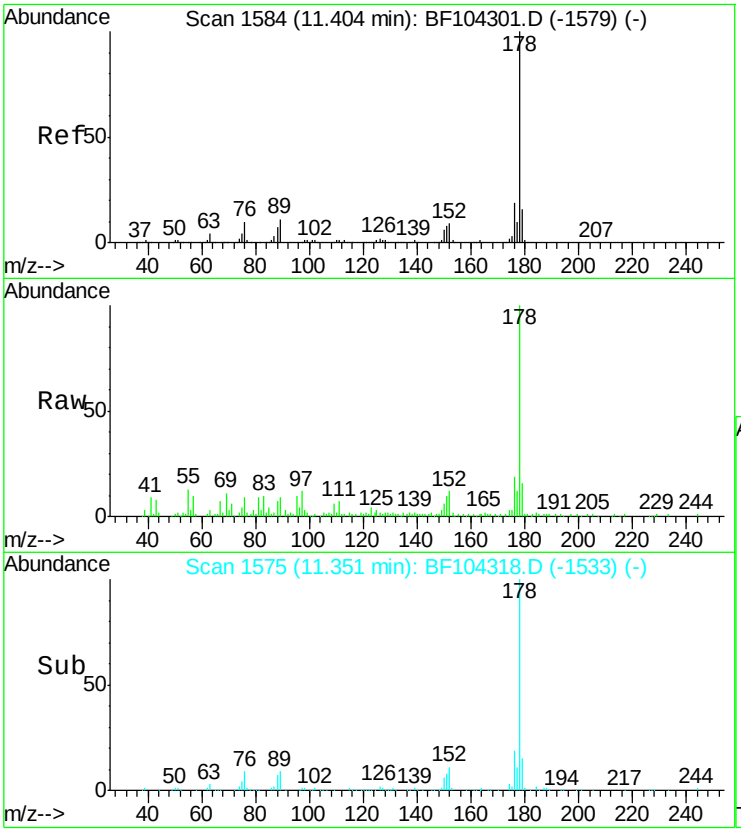


#70
Phenanthrene
Concen: 2.941 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

Tgt Ion:178 Resp: 61426

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	16.4	13.0	19.6

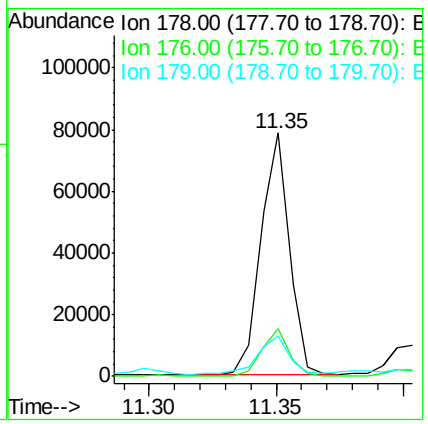




#71
Anthracene
Concen: 2.893 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.05 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

Tgt Ion:178 Resp: 61426

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.4	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
ACV-102-20-ACV-43-30

Manual Integrations APPROVED
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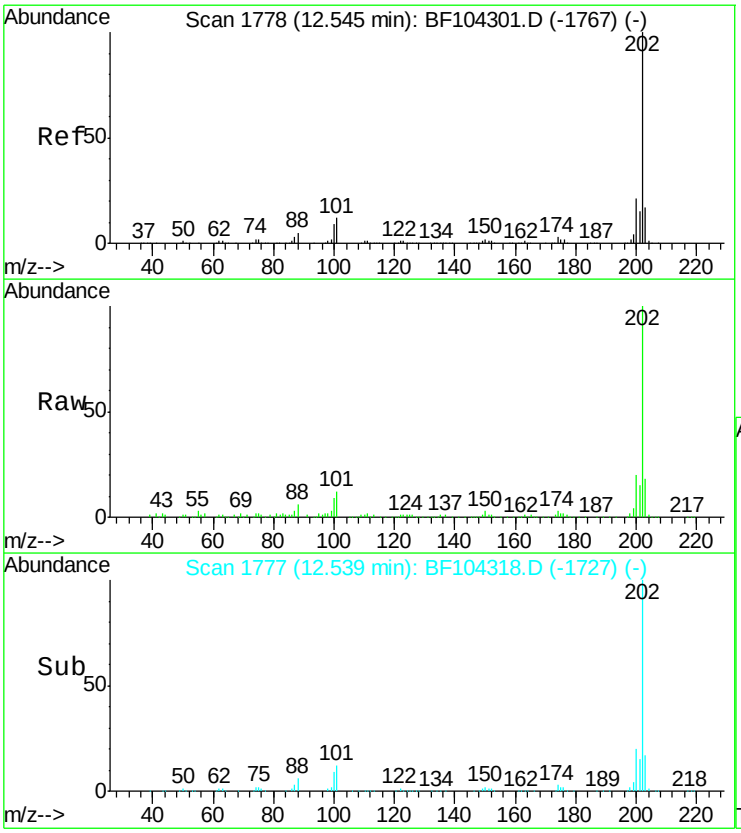
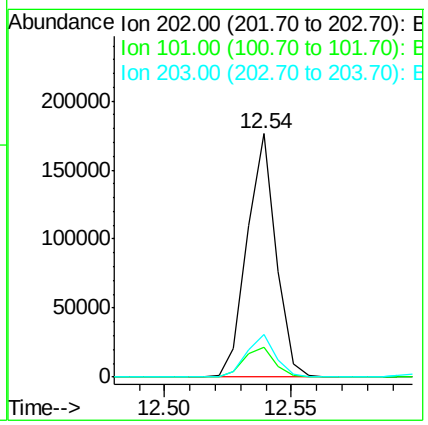
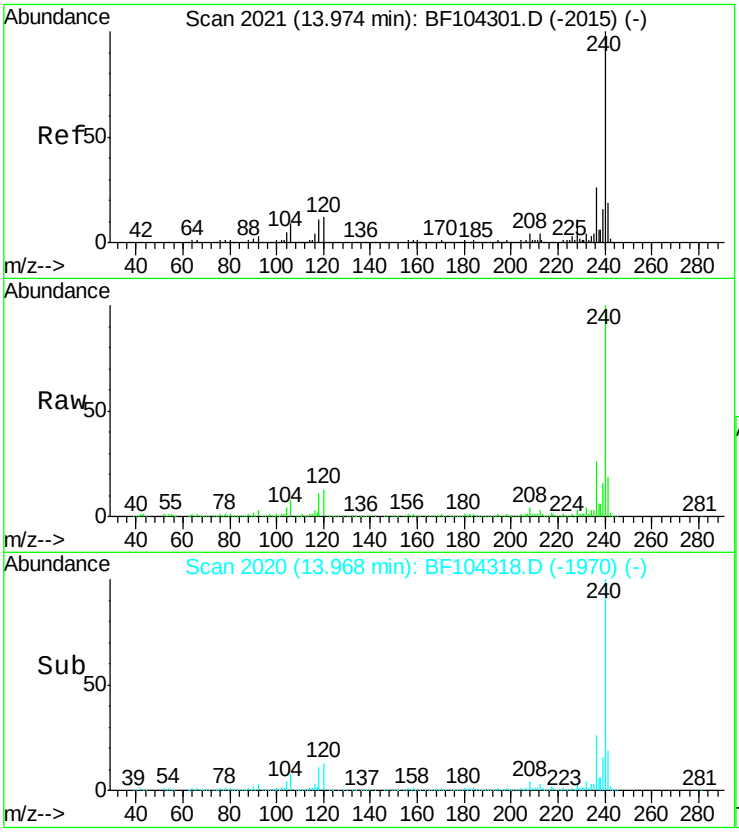


#74
Fluoranthene
Concen: 6.397 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

Tgt Ion:202 Resp: 139612

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	17.5	0.0	38.1

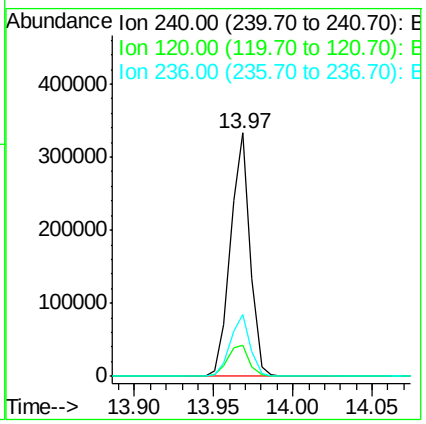




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

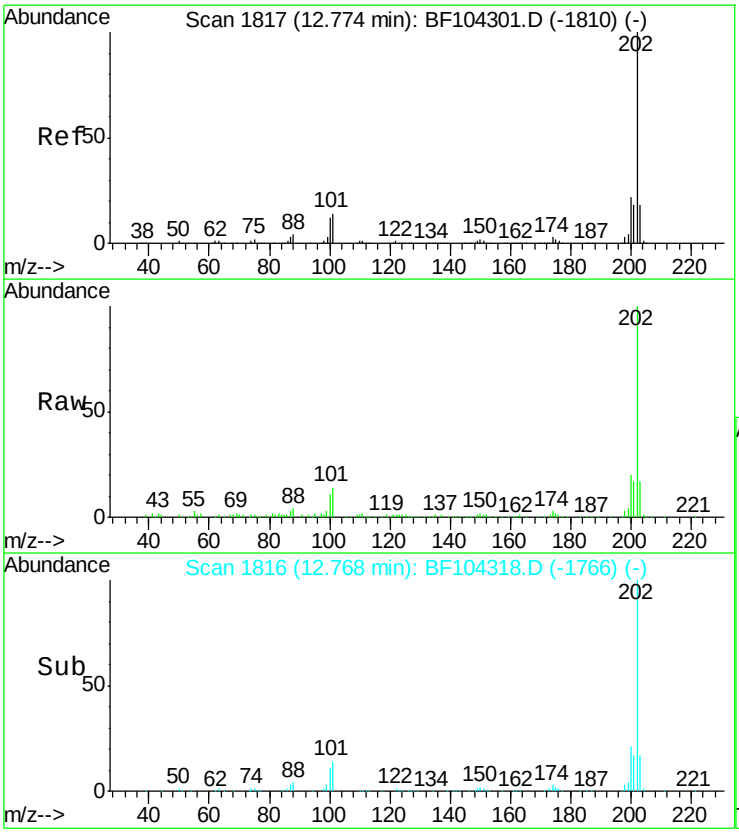
Tgt Ion:240 Resp: 285578

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	25.6	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
ACV-102-20-ACV-43-30

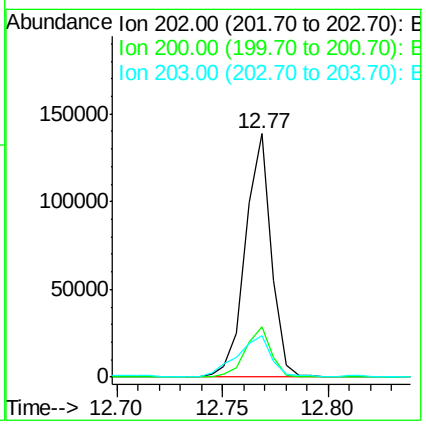
Manual Integrations APPROVED
Sohil
4/9/2018 11:18:28 AM

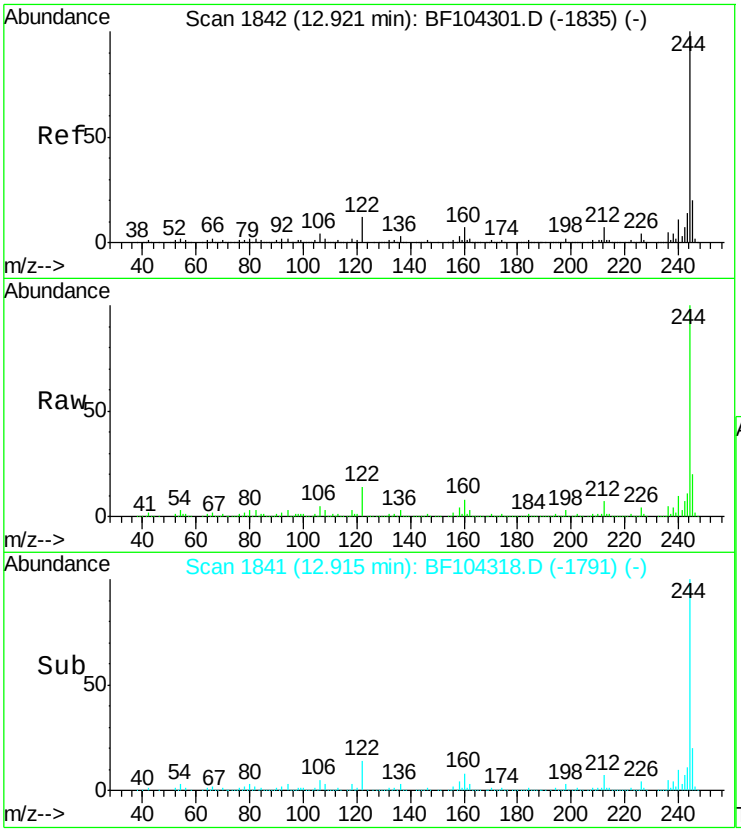


#77
Pyrene
Concen: 5.577 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

Tgt Ion:202 Resp: 118062

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	16.9	14.3	21.5

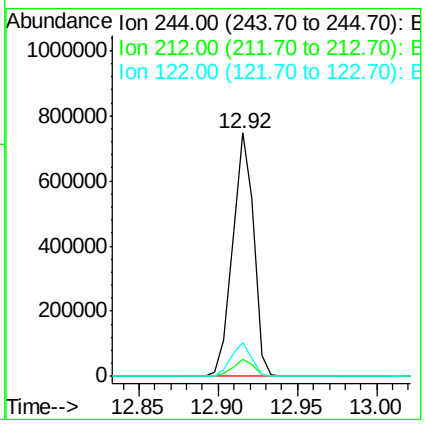




#78
Terphenyl-d14
Concen: 54.498 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

Tgt Ion:244 Resp: 682661

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.1	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
ACV-102-20-ACV-43-30

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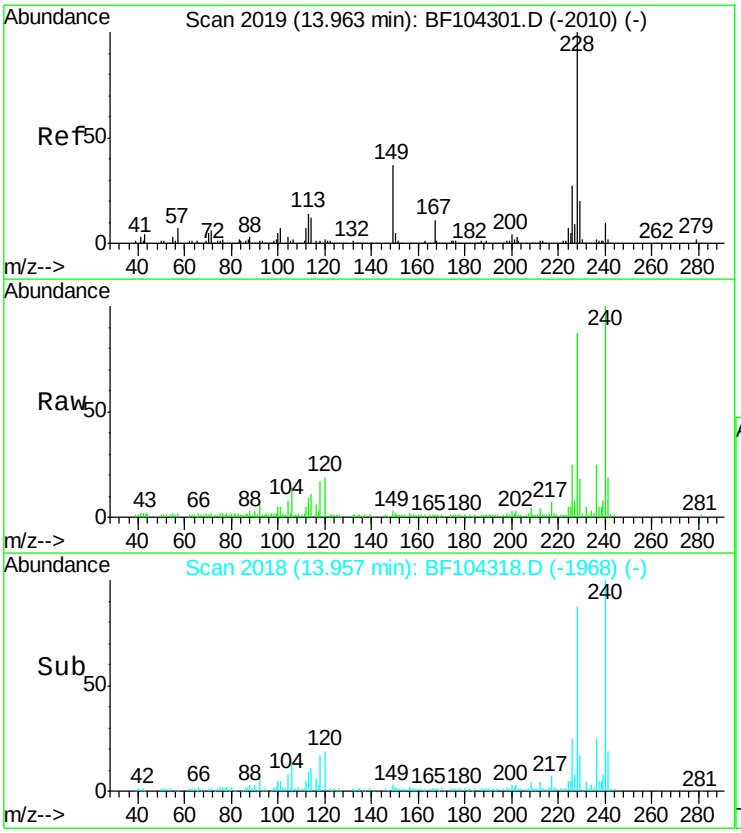
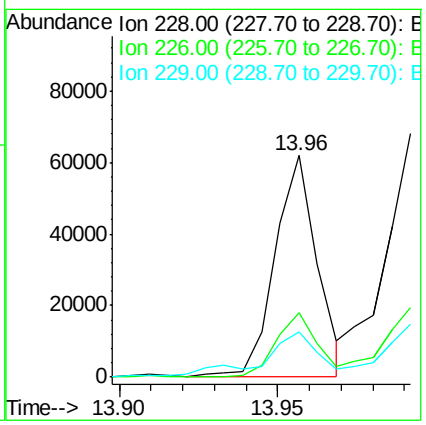
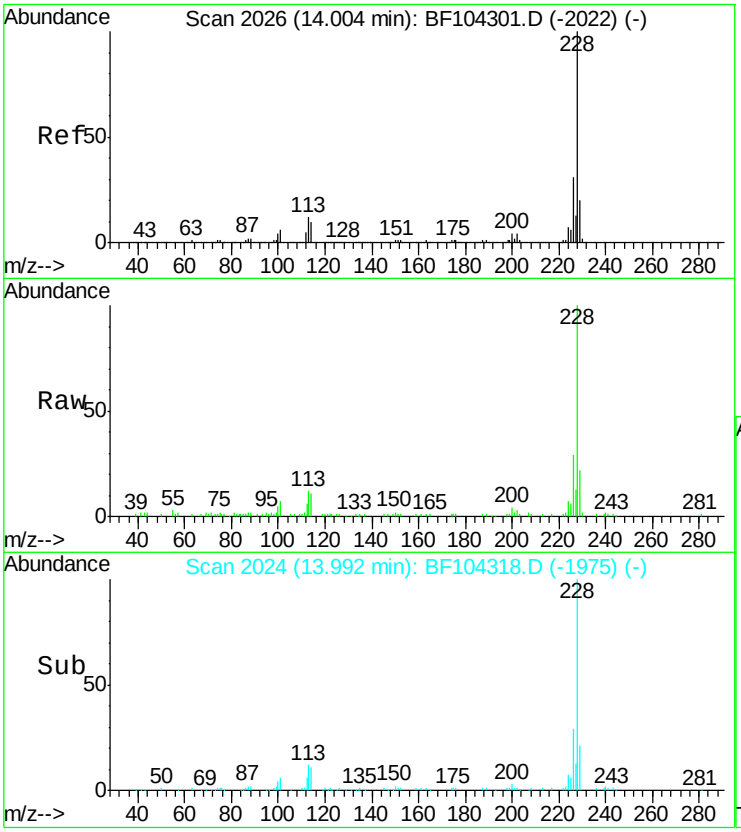


#80
Benzo(a)anthracene
Concen: 3.365 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

Tgt Ion:228 Resp: 57401

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.2	15.8	23.6

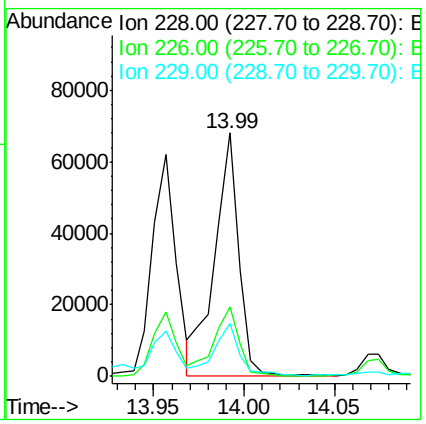




#82
Chrysene
Concen: 3.613 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

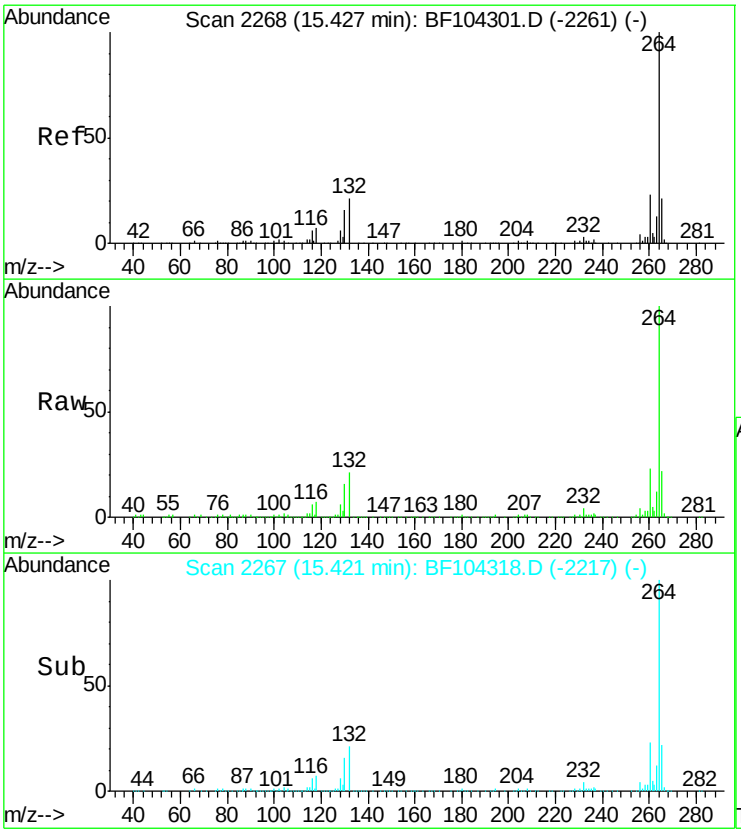
Tgt Ion:228 Resp: 63310

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.0	37.6
229	21.6	16.2	24.4



Instrument :
BNA_F
ClientSampleId :
ACV-102-20-ACV-43-30

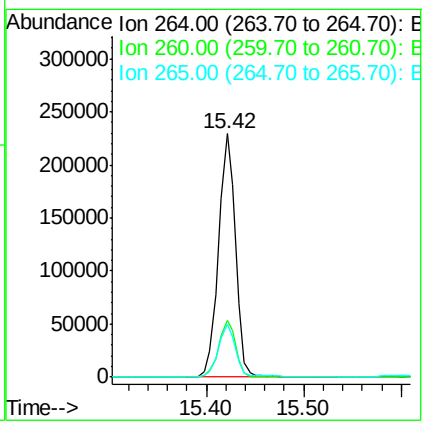
Manual Integrations APPROVED
Sohil
4/9/2018 11:18:28 AM

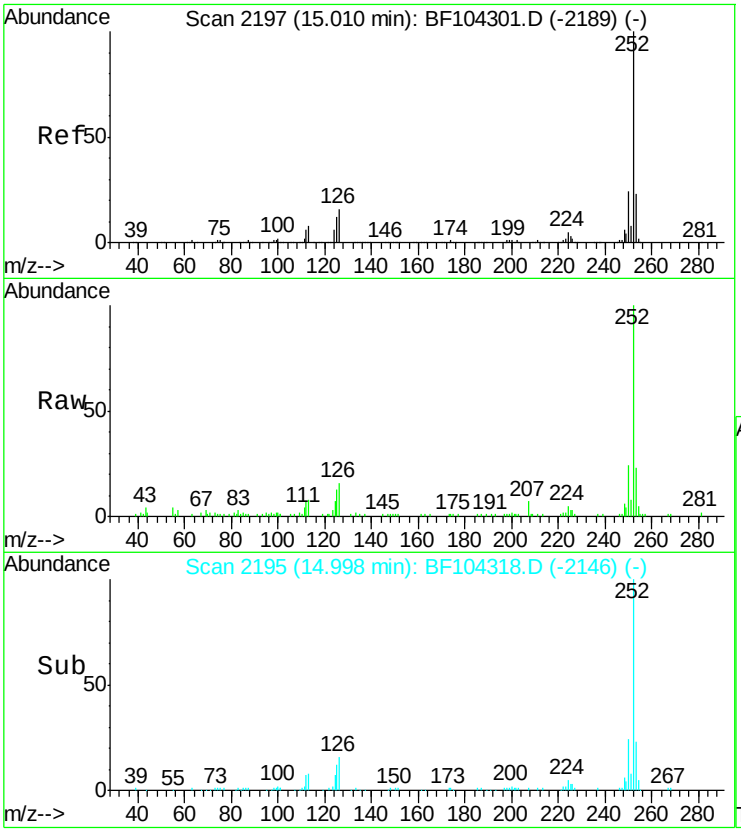


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

Tgt Ion:264 Resp: 276929

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.6	17.5	26.3

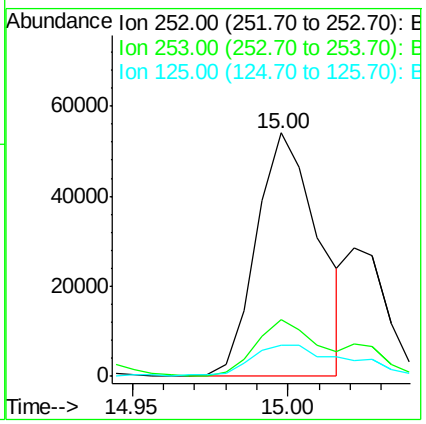




#87
Benzo(b)fluoranthene
Concen: 4.275 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

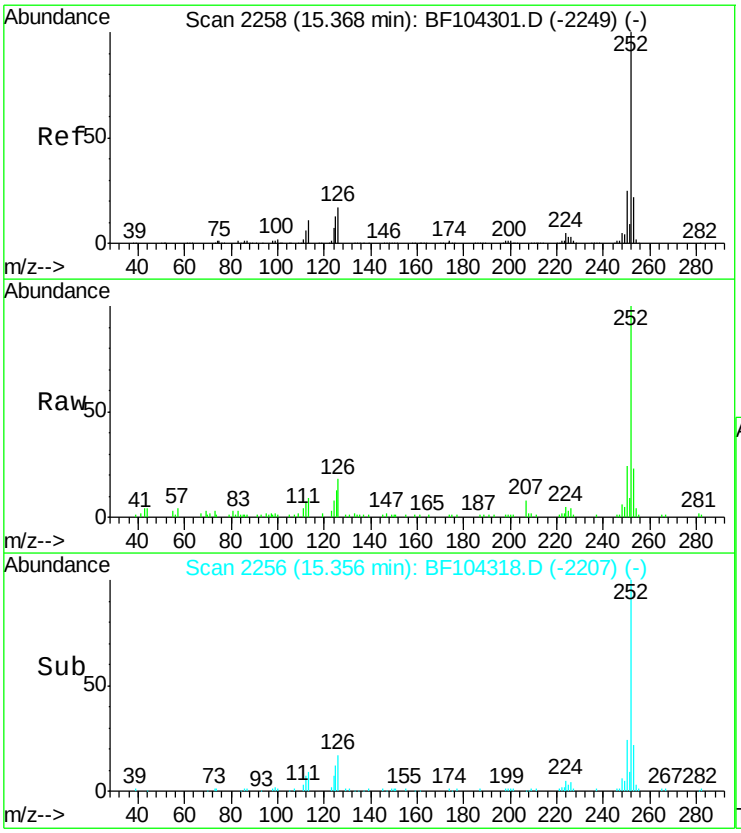
Tgt Ion:252 Resp: 74779

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	13.0	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
ACV-102-20-ACV-43-30

Manual Integrations APPROVED
Sohil
4/9/2018 11:18:28 AM



#89
Benzo(a)pyrene
Concen: 3.081 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF104318.D
Acq: 6 Apr 2018 21:03

Tgt Ion:252 Resp: 48211

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	12.9	9.8	14.6