Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100508.D
Acq On : 13 Nov 2017 18:13
Operator : SJ/JU
Sample : I6301-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-D

Manual Integrations APPROVED
SOHIL
11/14/2017 5:20:29 PM

Quant Time: Nov 14 02:40:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	84454	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	316586	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	126759	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	193688	20.00	ng		0.00
75) Chrysene-d12	14.06	240	182931	20.00	ng		0.00
86) Perylene-d12	15.53	264	139465	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	283075	53.73	ng		0.00
7) Phenol-d6	6.51	99	341686	52.59	ng		0.00
23) Nitrobenzene-d5	7.45	82	203372	42.47	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	69280	53.64	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	371830	44.67	ng		0.00
78) Terphenyl-d14	13.00	244	246189	30.92	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	14162	2.076	ng		88
49) Dimethylphthalate	9.64	163	61150	6.318	ng	#	99
70) Phenanthrene	11.44	178	113309	11.111	ng		98
71) Anthracene	11.49	178	34529	3.337	ng		96
74) Fluoranthene	12.63	202	190448	17.621	ng		95
77) Pyrene	12.86	202	175844	13.485	ng		99
80) Benzo(a)anthracene	14.04	228	96048m	8.719	ng		
82) Chrysene	14.08	228	88148	8.263	ng		95
85) Indeno(1,2,3-cd)pyrene	17.02	276	33459	3.878	ng	#	92
87) Benzo(b)fluoranthene	15.10	252	88246m	10.680	ng		
88) Benzo(k)fluoranthene	15.12	252	31098m	3.983	ng		
89) Benzo(a)pyrene	15.47	252	58899	8.041	ng		98
91) Benzo(g,h,i)perylene	17.47	276	36595	6.241	ng		92

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

Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100508.D
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Manual Integrations APPROVED
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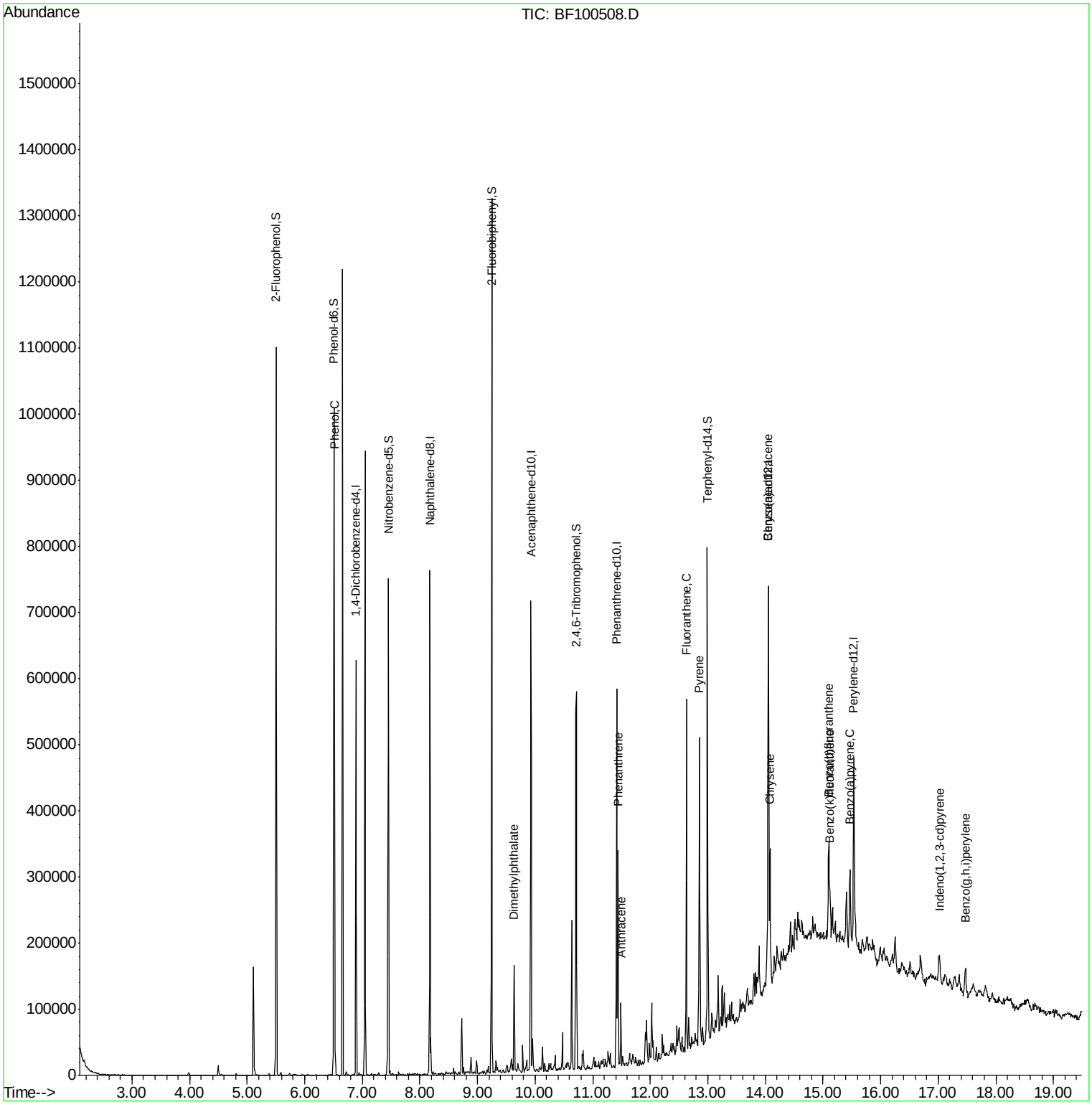
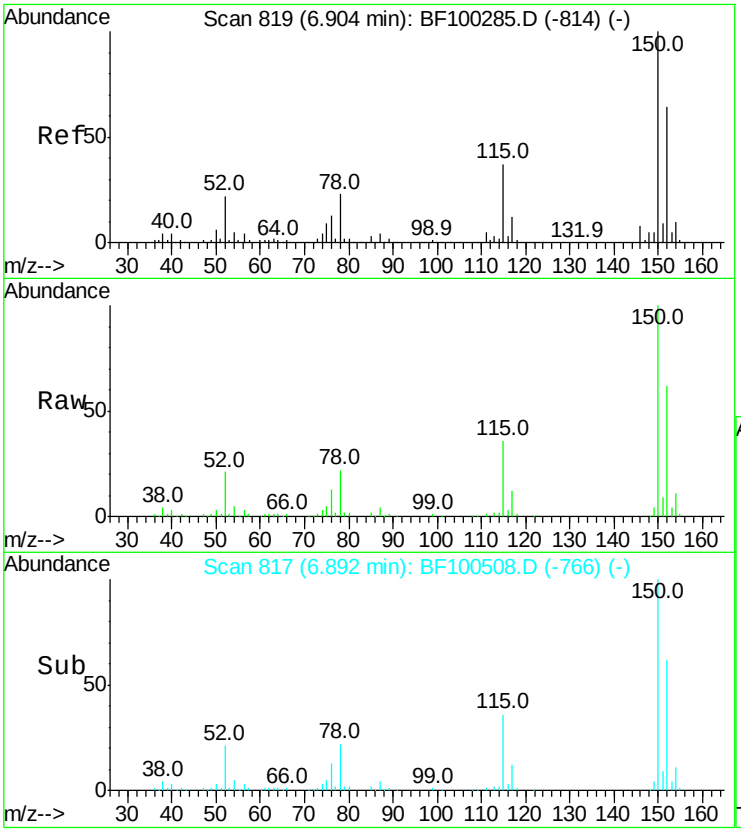
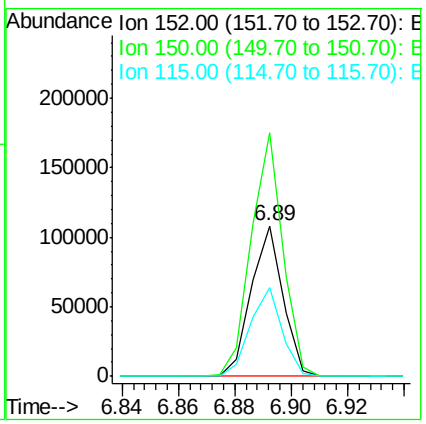




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:152 Resp: 84454

Ion	Ratio	Lower	Upper
152	100		
150	161.9	124.6	186.8
115	58.7	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
JC-02-110917-D

Manual Integrations APPROVED
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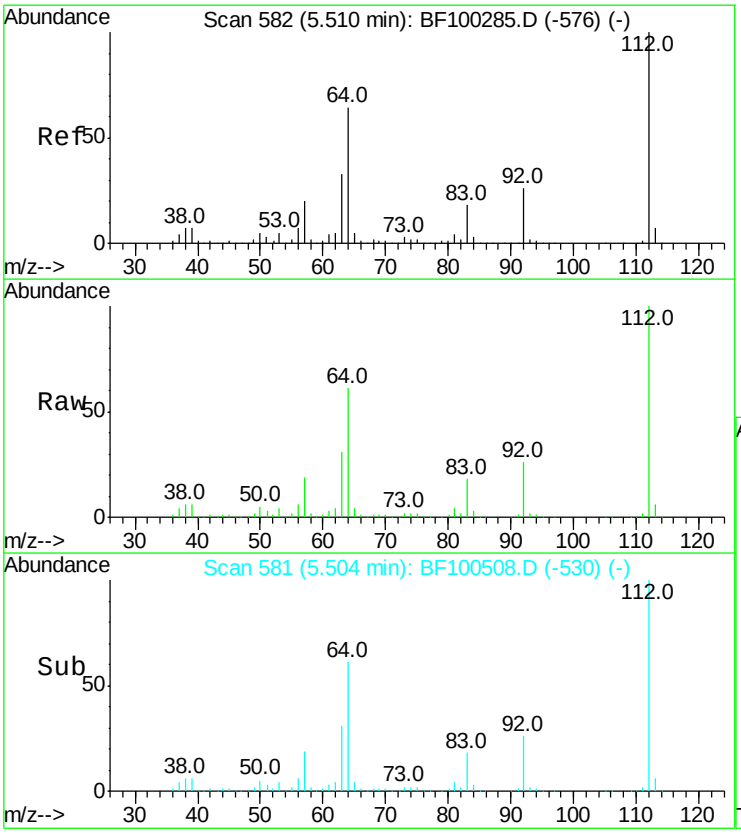
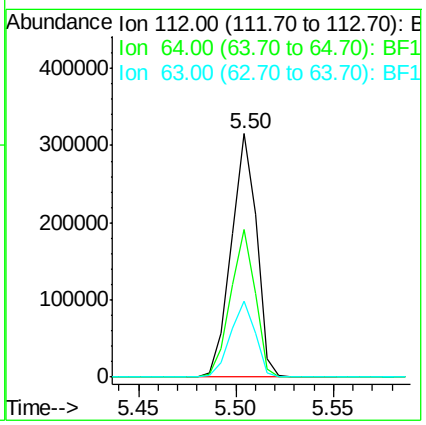
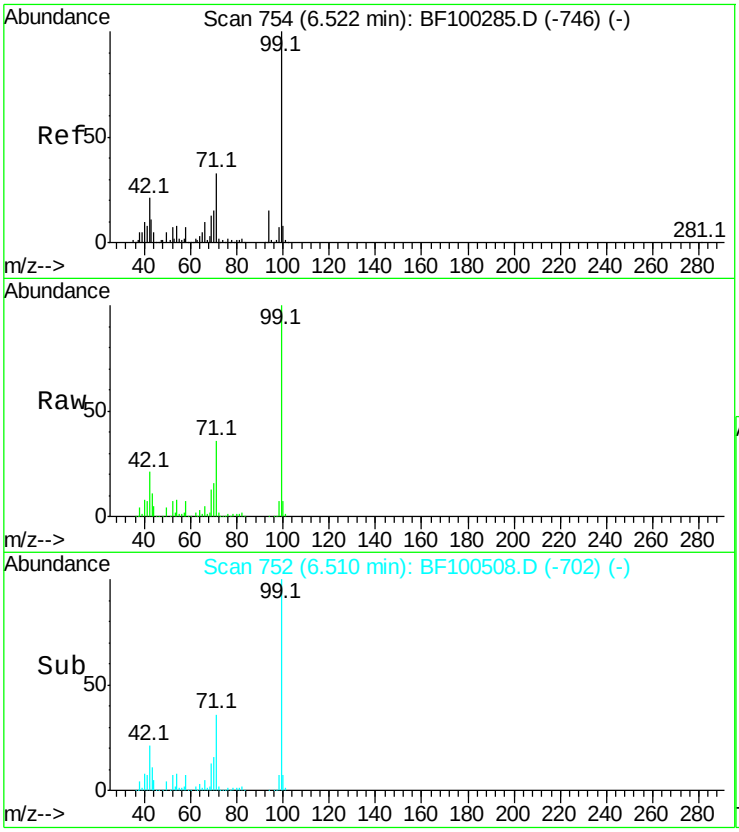


#5
2-Fluorophenol
Concen: 53.729 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:112 Resp: 283075

Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	31.2	23.7	35.5

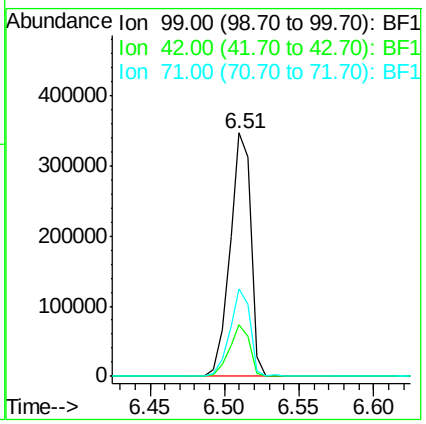




#7
Phenol-d6
Concen: 52.593 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion: 99 Resp: 341686

Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.5	21.7
71	36.0	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
JC-02-110917-D

Manual Integrations APPROVED
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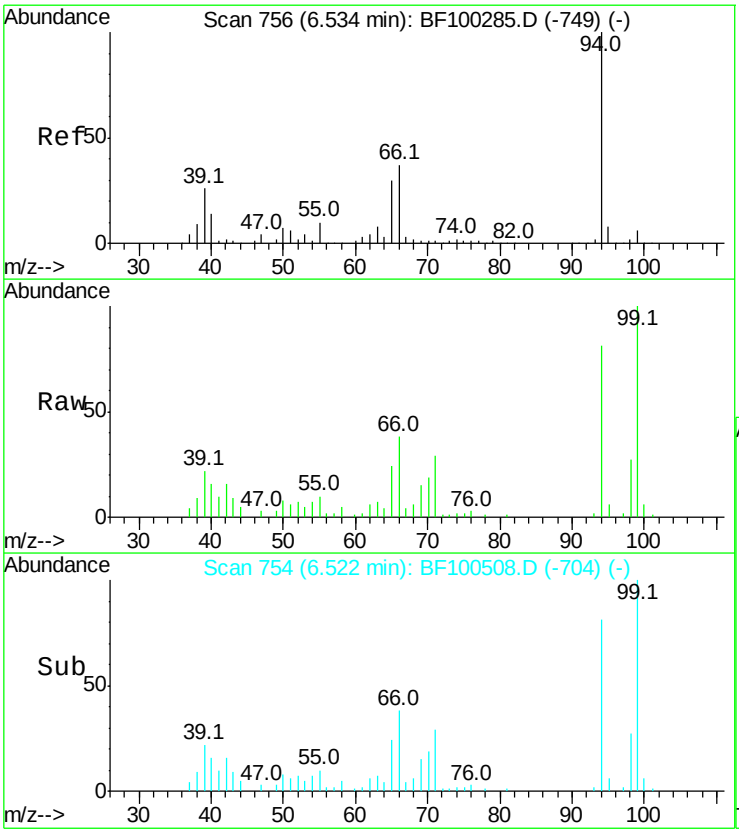
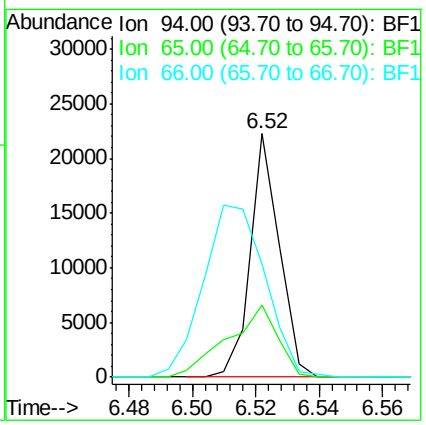
11/14/2017 5:20:29 PM

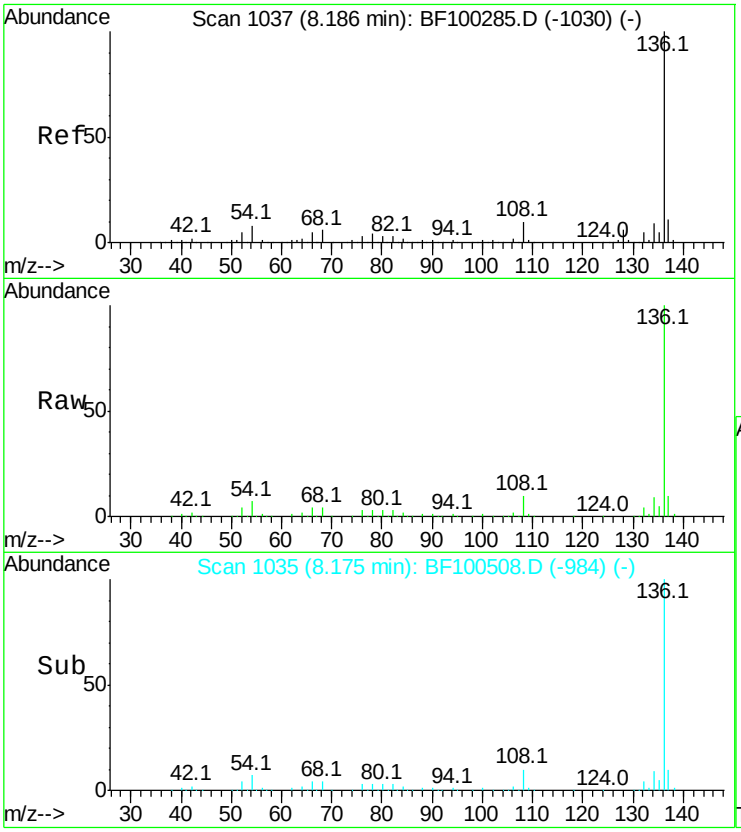


#10
Phenol
Concen: 2.076 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion: 94 Resp: 14162

Ion	Ratio	Lower	Upper
94	100		
65	29.8	7.9	47.9
66	46.6	16.2	56.2

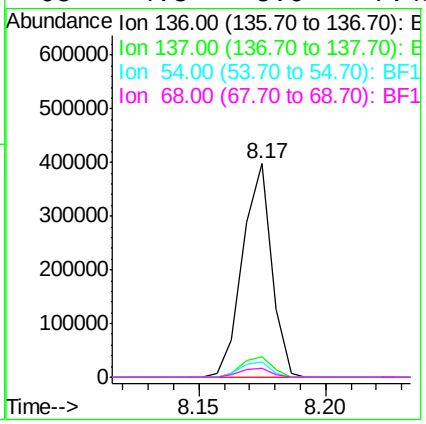




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:136 Resp: 316586

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.9	13.3
54	7.0	6.6	9.8
68	4.3	5.0	7.4#



Instrument :
BNA_F
ClientSampleId :
JC-02-110917-D

Manual Integrations APPROVED
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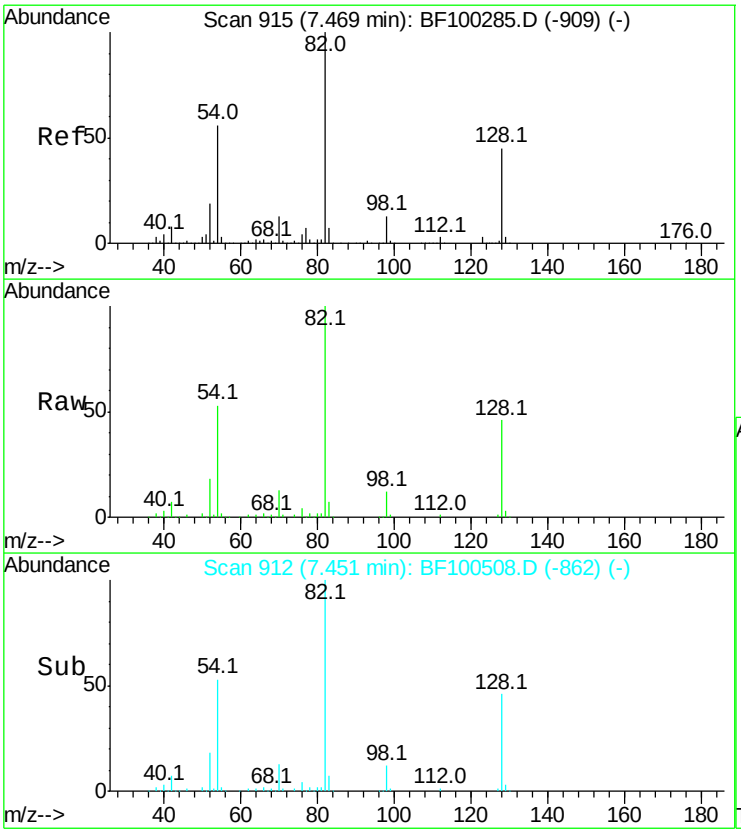
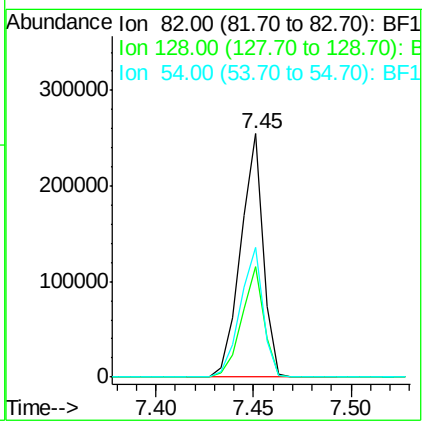
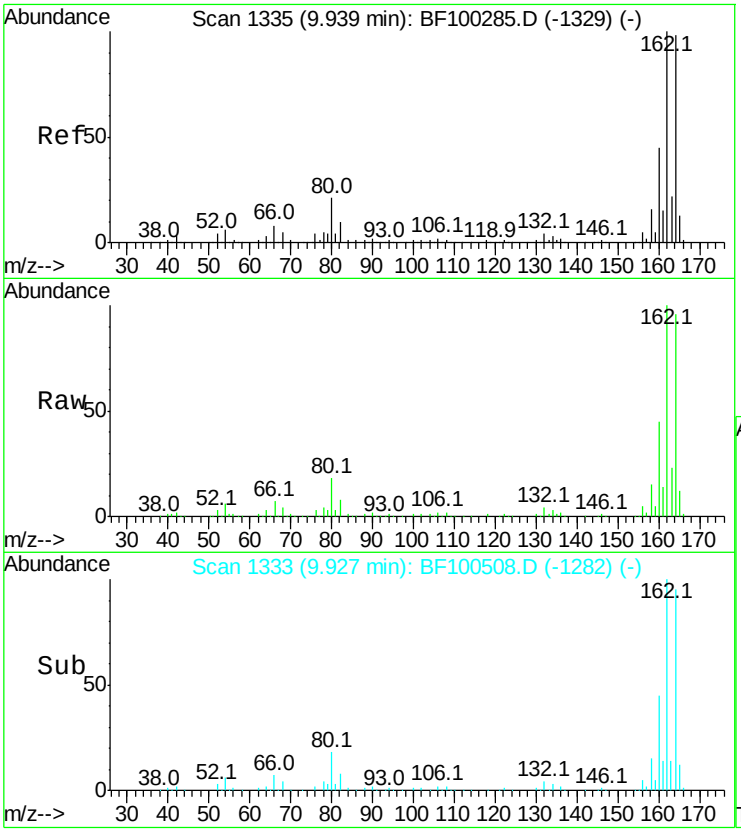


#23
Nitrobenzene-d5
Concen: 42.471 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion: 82 Resp: 203372

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	53.3	41.4	62.2

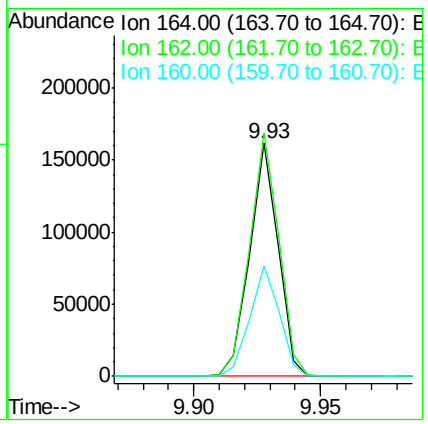




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:164 Resp: 126759

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	47.5	38.3	57.5



Instrument :
BNA_F
ClientSampleId :
JC-02-110917-D

Manual Integrations APPROVED
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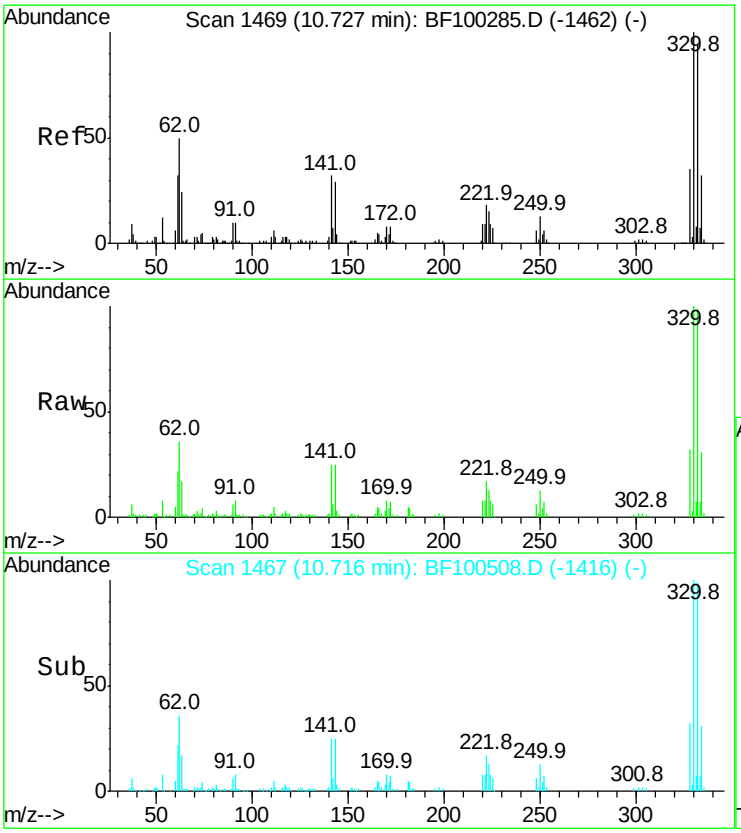
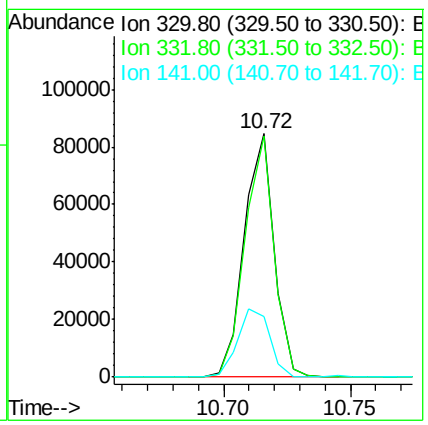
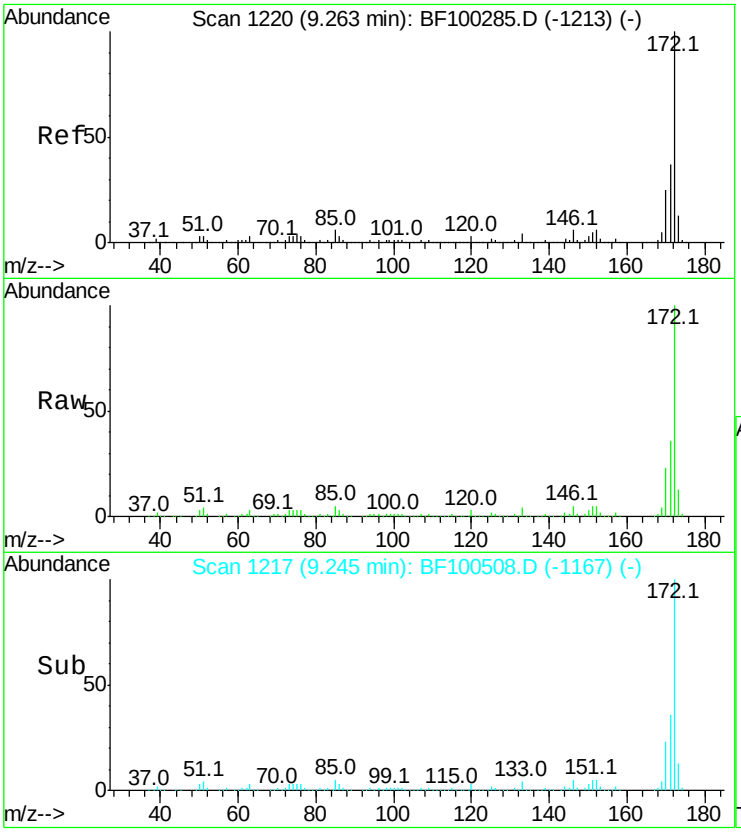


#41
2,4,6-Tribromophenol
Concen: 53.636 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:330 Resp: 69280

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	30.3	29.9	44.9

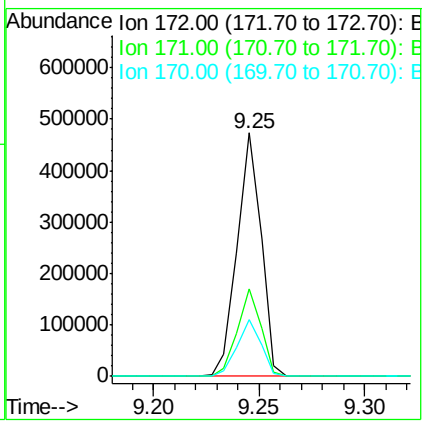




#44
2-Fluorobiphenyl
Concen: 44.667 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:172 Resp: 371830

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.2	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
JC-02-110917-D

Manual Integrations APPROVED
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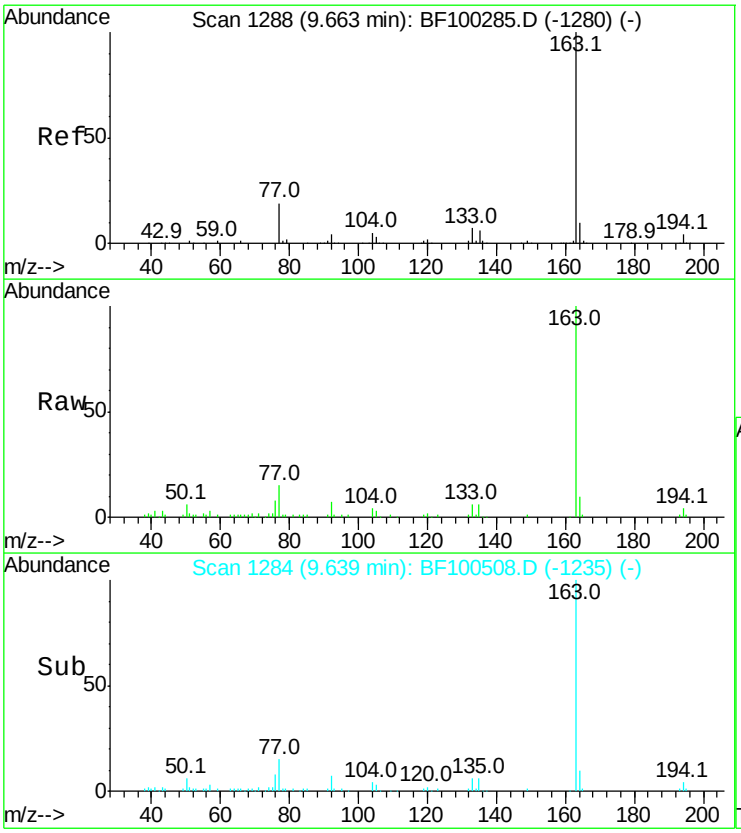
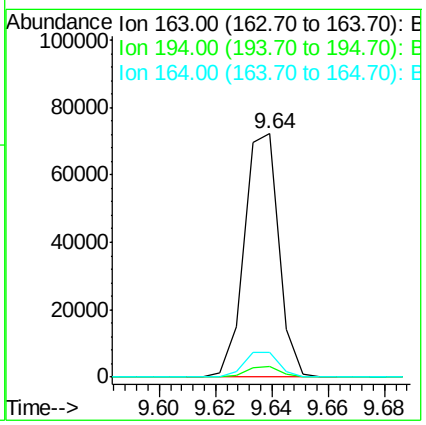
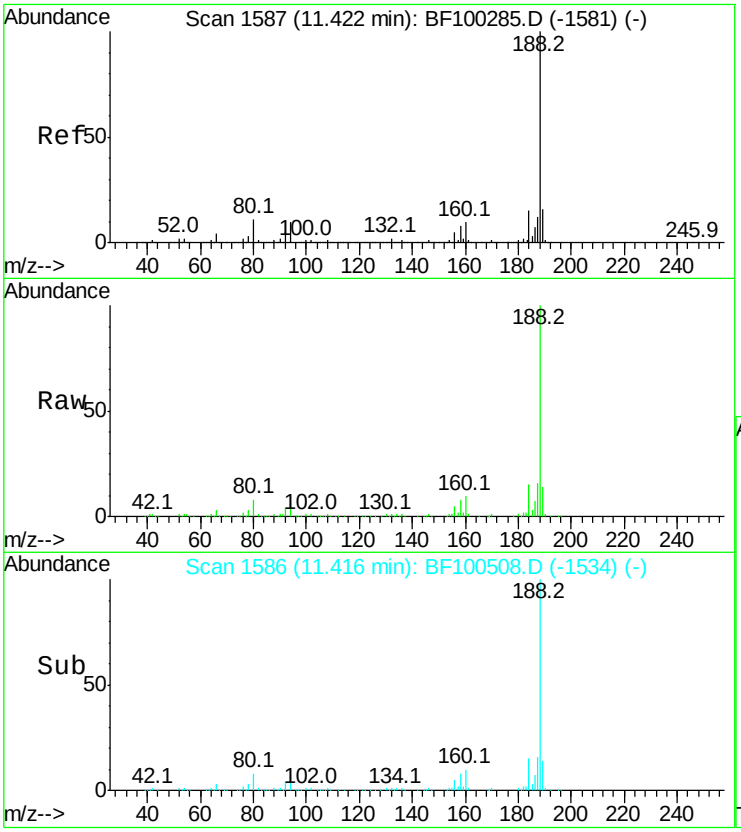


#49
Dimethylphthalate
Concen: 6.318 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:163 Resp: 61150

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	10.0	8.2	12.2





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:188 Resp: 193688

Ion	Ratio	Lower	Upper
188	100		
94	6.9	8.5	12.7#
80	7.7	9.2	13.8#

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-D

Manual Integrations APPROVED
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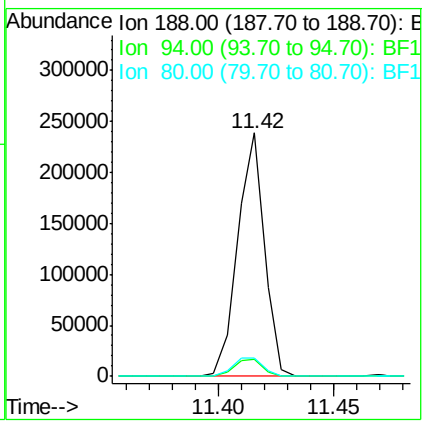
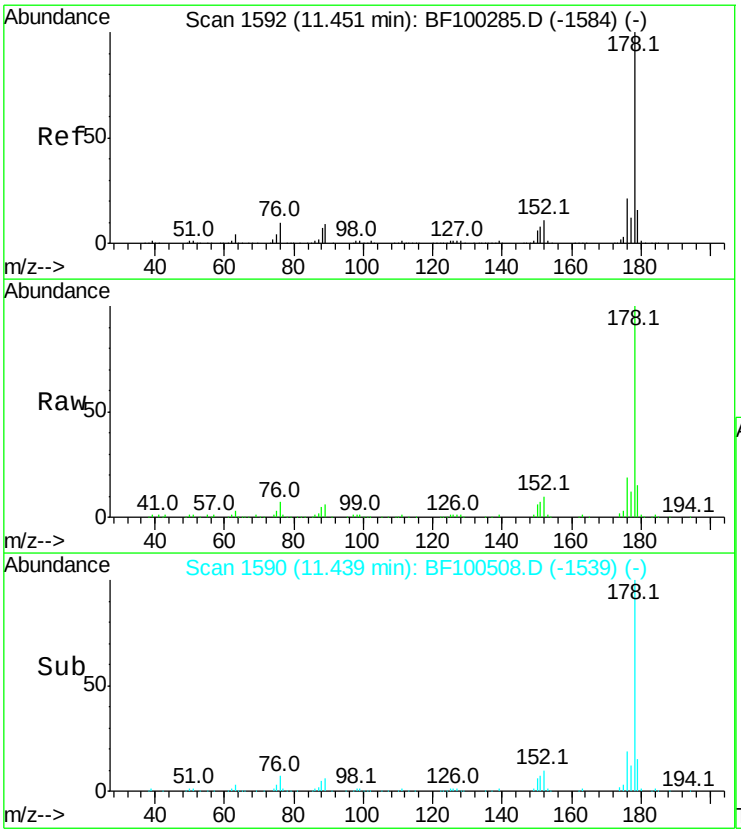
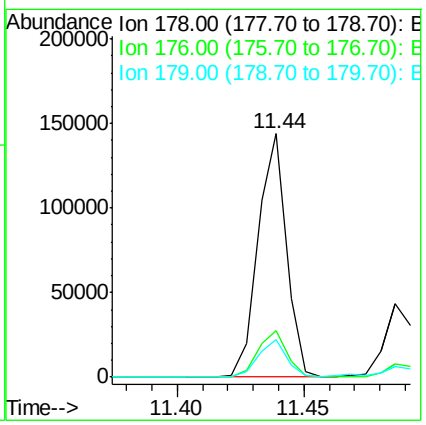


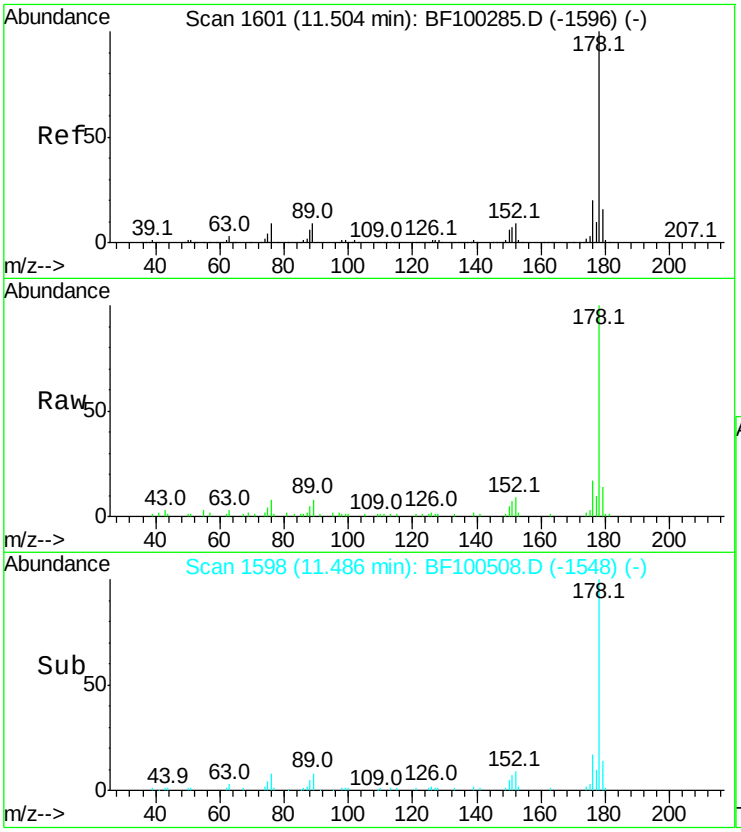


#70
Phenanthrene
Concen: 11.111 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:178 Resp: 113309

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.4	13.0	19.6

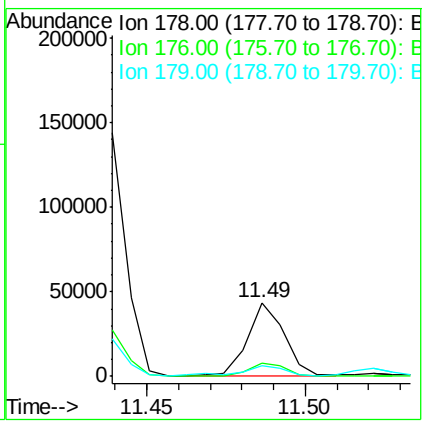




#71
Anthracene
Concen: 3.337 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:178 Resp: 34529

Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.4	23.2
179	14.4	12.6	19.0



Instrument :
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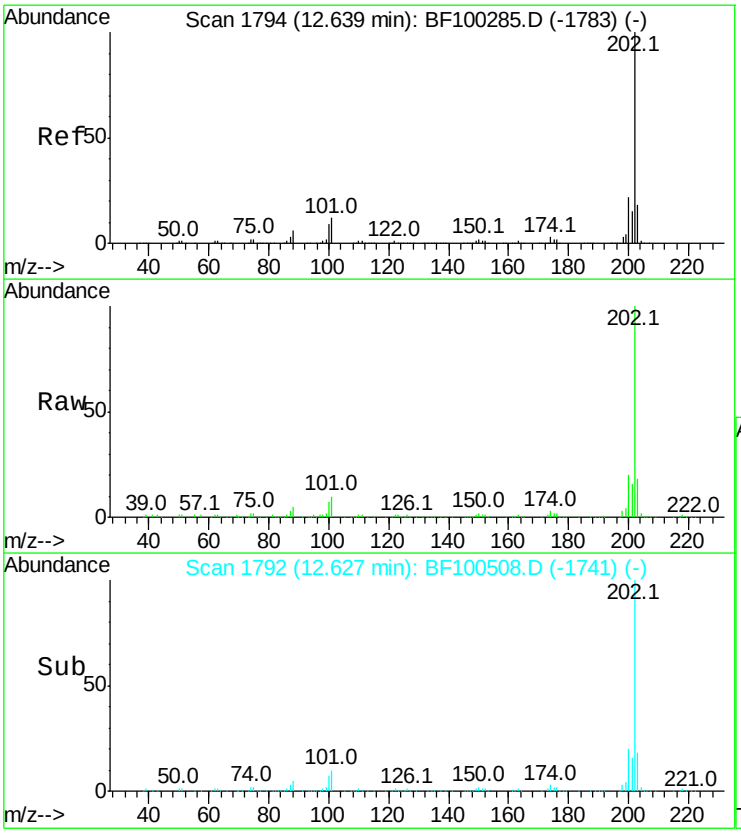
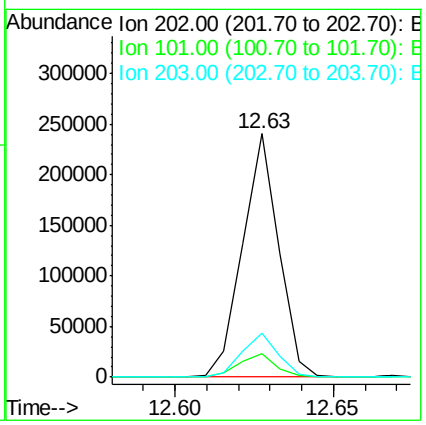
11/14/2017 5:20:29 PM

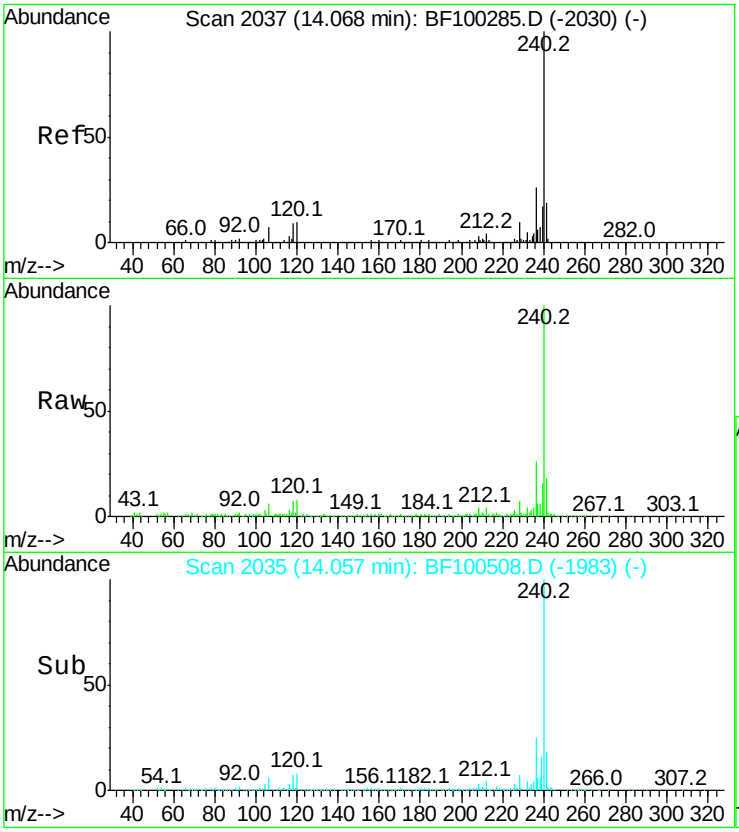


#74
Fluoranthene
Concen: 17.621 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:202 Resp: 190448

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	34.1
203	18.0	0.0	38.1

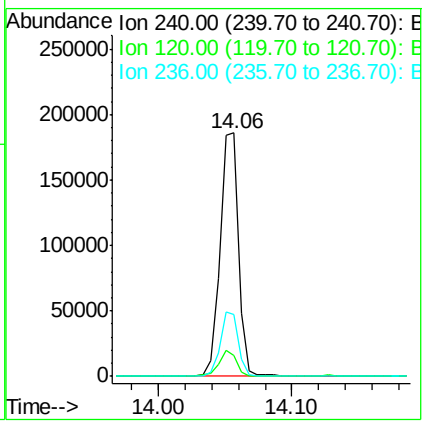




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

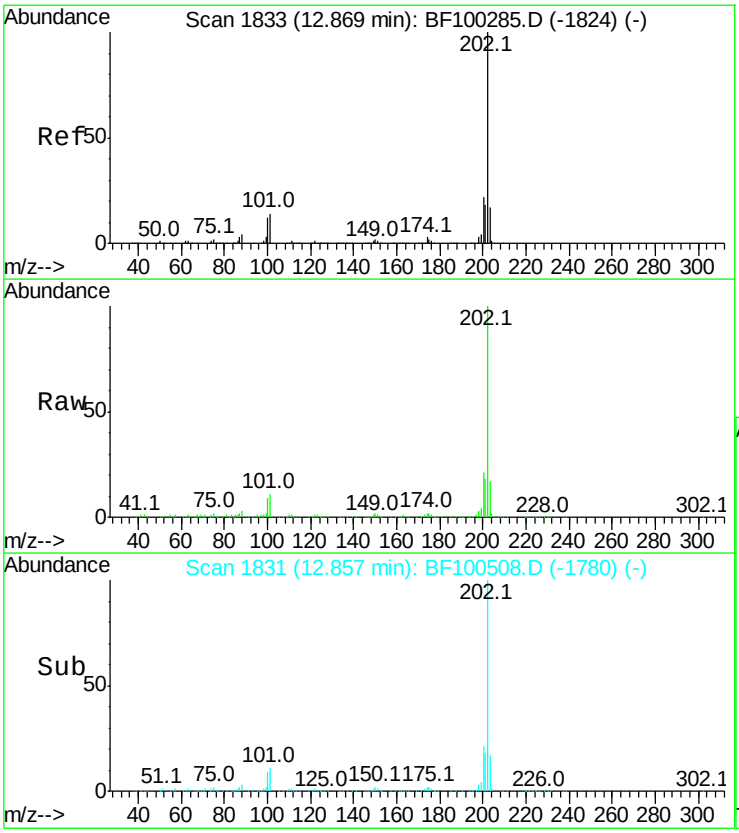
Tgt Ion:240 Resp: 182931

Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.5	14.3#
236	25.6	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
JC-02-110917-D

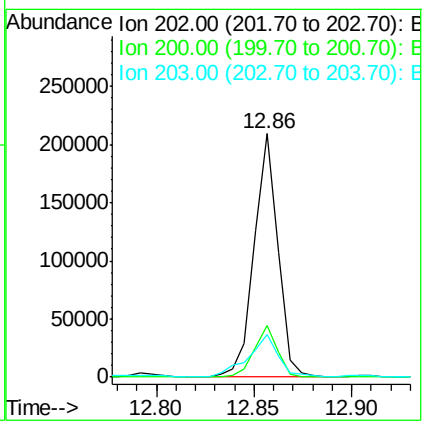
Manual Integrations APPROVED
SOHIL
11/14/2017 5:20:29 PM

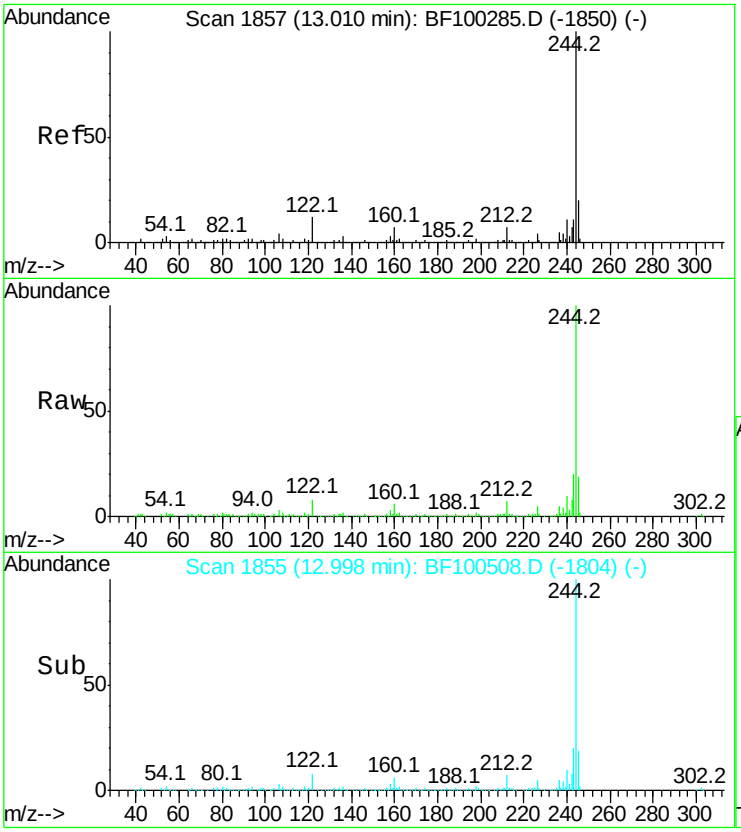


#77
Pyrene
Concen: 13.485 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:202 Resp: 175844

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.4	14.3	21.5





#78
Terphenyl-d14
Concen: 30.923 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:244 Resp: 246189

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.2	11.0	16.4#

Instrument :
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ClientSampleId :
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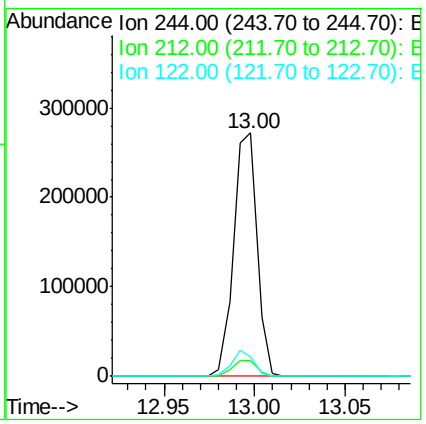
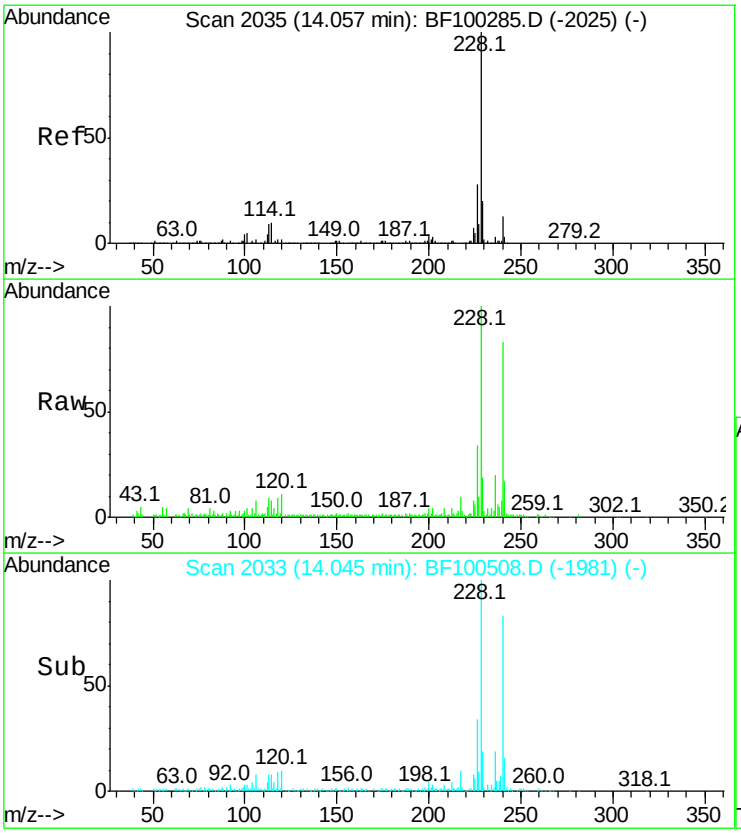
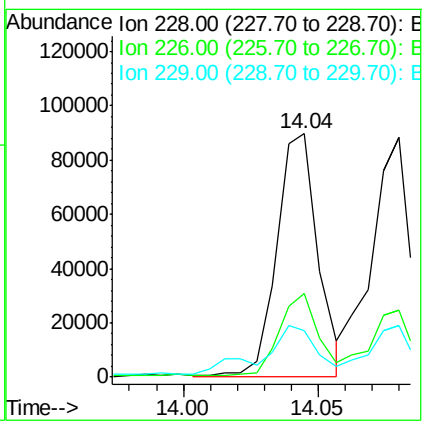


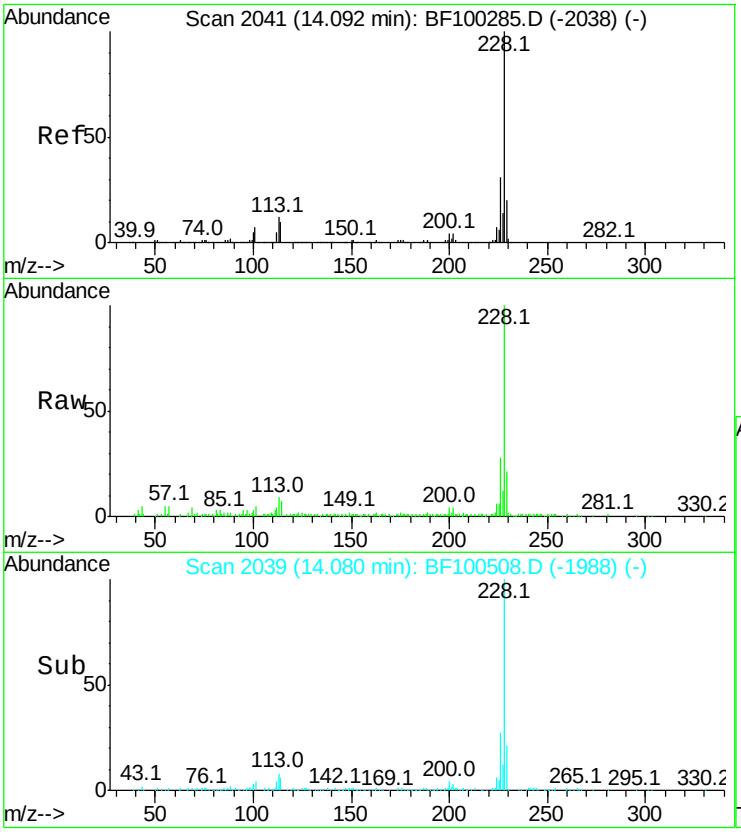


#80
Benzo(a)anthracene
Concen: 8.719 ng m
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:228 Resp: 96048

Ion	Ratio	Lower	Upper
228	100		
226	34.1	22.6	33.8#
229	19.3	15.8	23.6

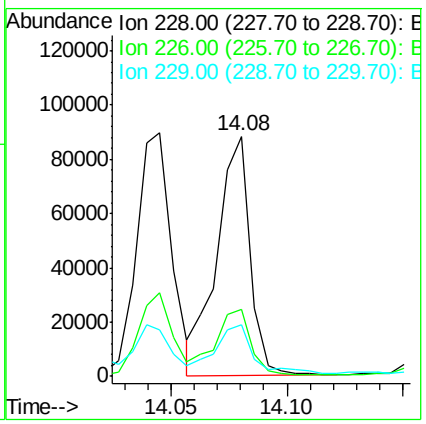




#82
Chrysene
Concen: 8.263 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:228 Resp: 88148

Ion	Ratio	Lower	Upper
228	100		
226	27.8	25.0	37.6
229	21.5	16.2	24.4



Instrument :
BNA_F
ClientSampleId :
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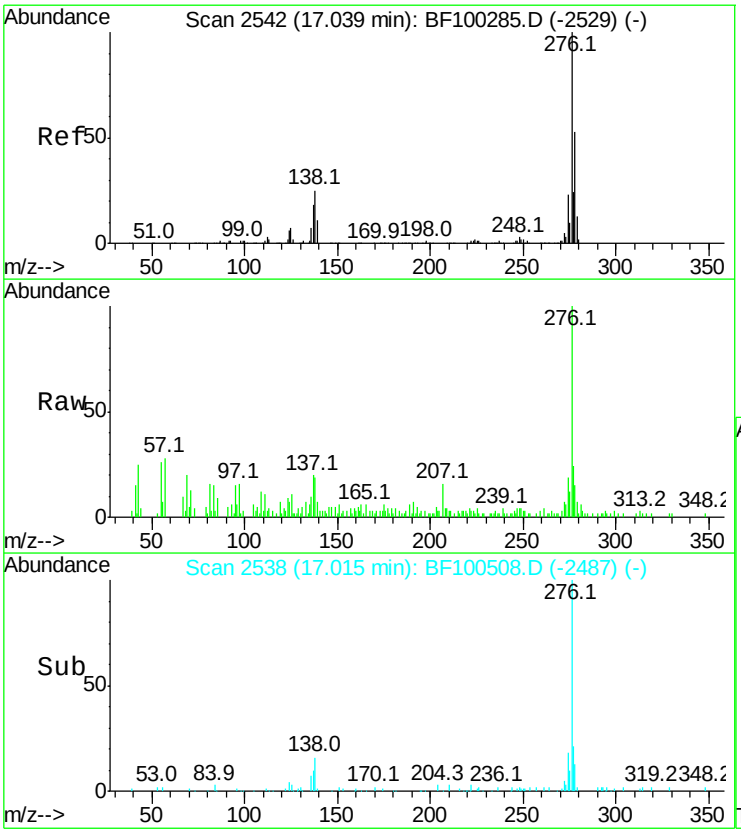
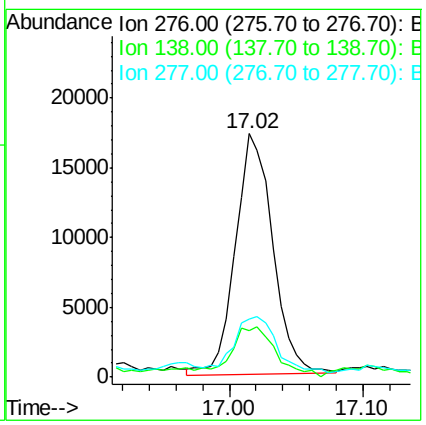
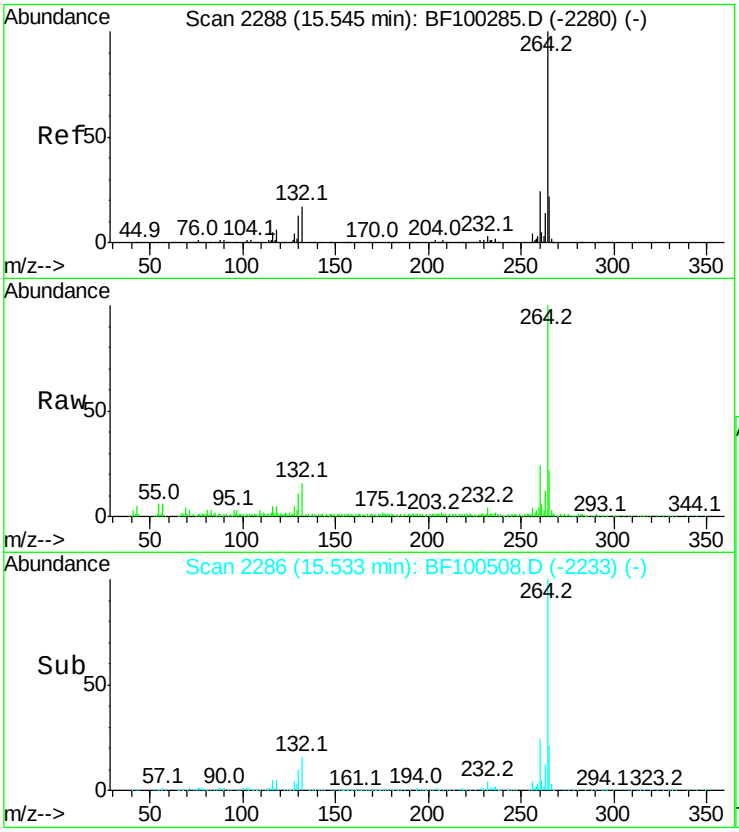


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.878 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.00 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:276 Resp: 33459

Ion	Ratio	Lower	Upper
276	100		
138	24.2	25.0	37.6#
277	26.3	20.1	30.1

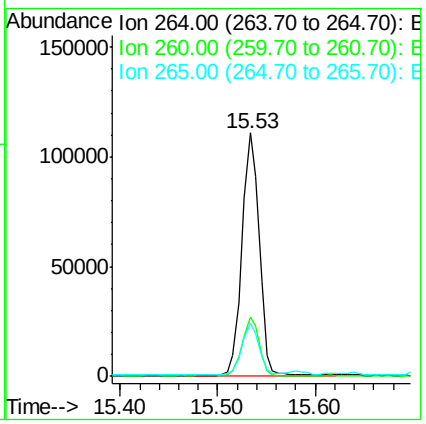




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:264 Resp: 139465

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
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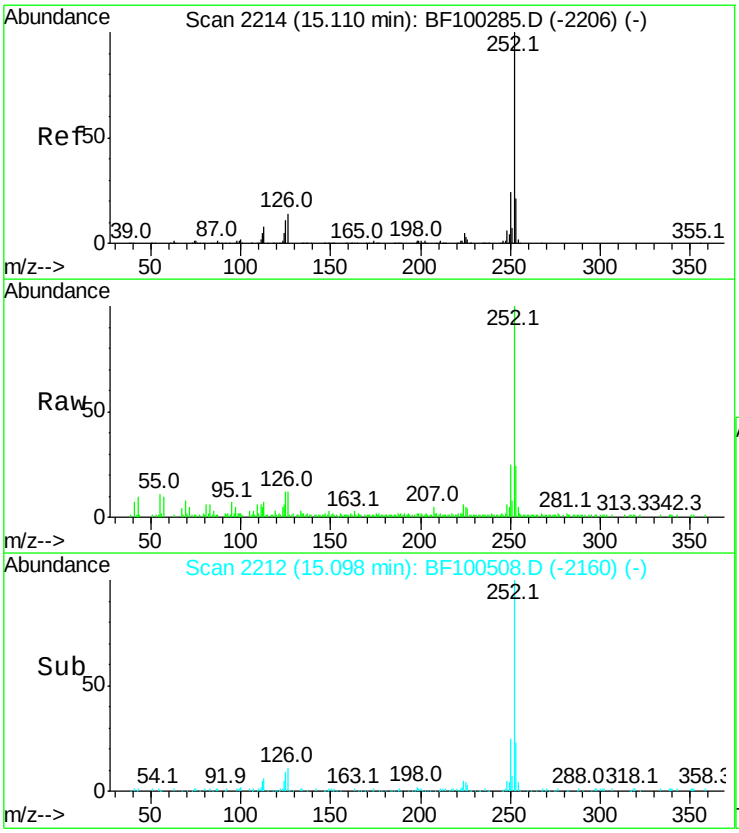
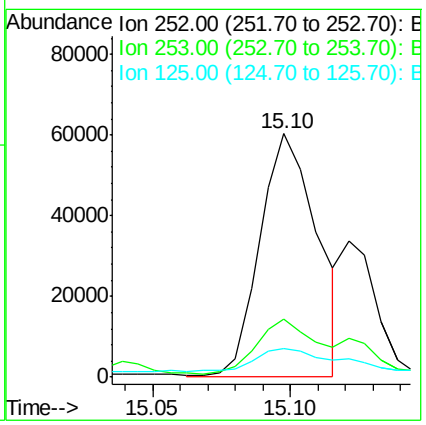
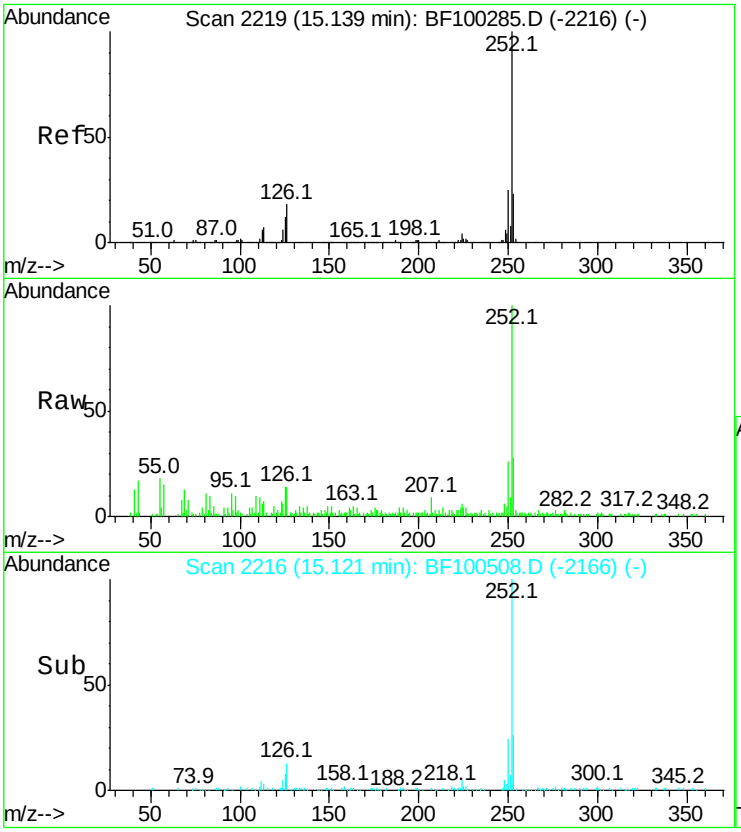


#87
Benzo(b)fluoranthene
Concen: 10.680 ng m
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:252 Resp: 88246

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.6
125	11.8	9.0	13.6

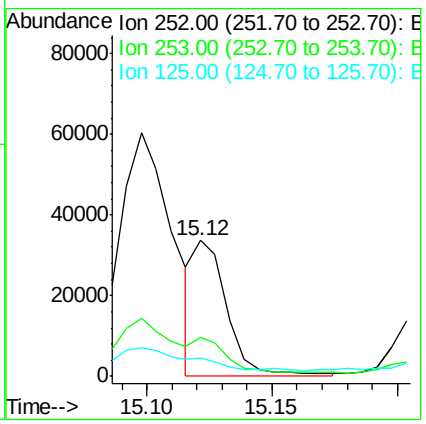




#88
Benzo(k)fluoranthene
Concen: 3.983 ng m
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:252 Resp: 31098

Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.9	26.9#
125	13.6	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
JC-02-110917-D

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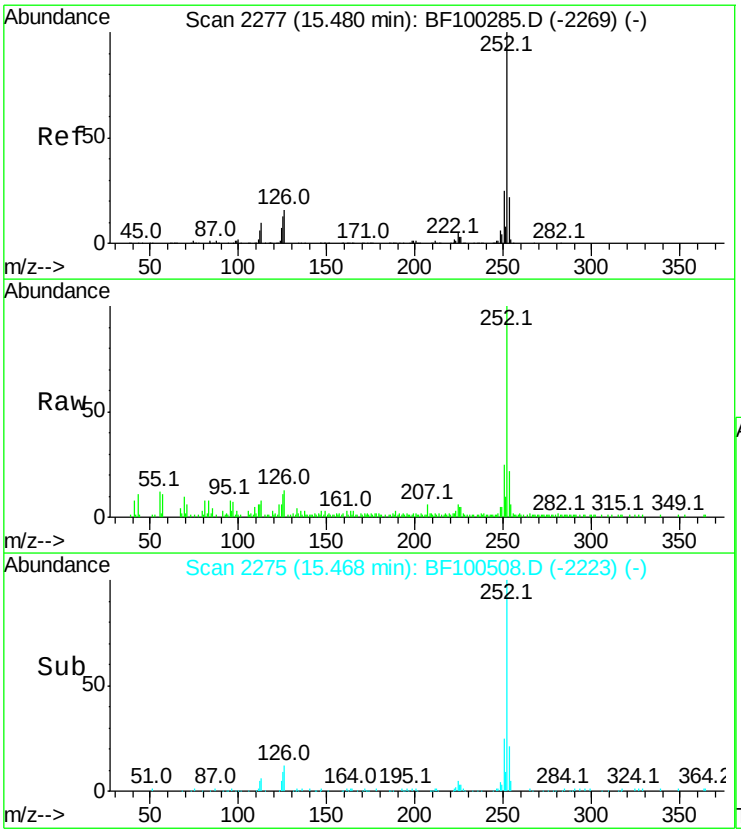
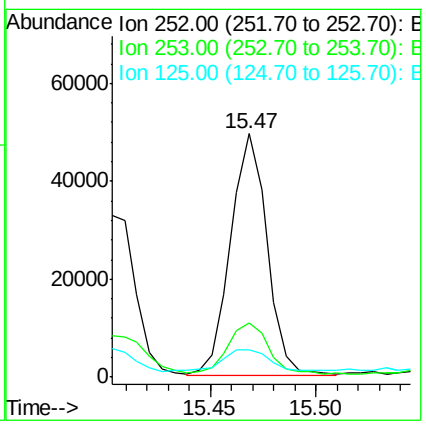
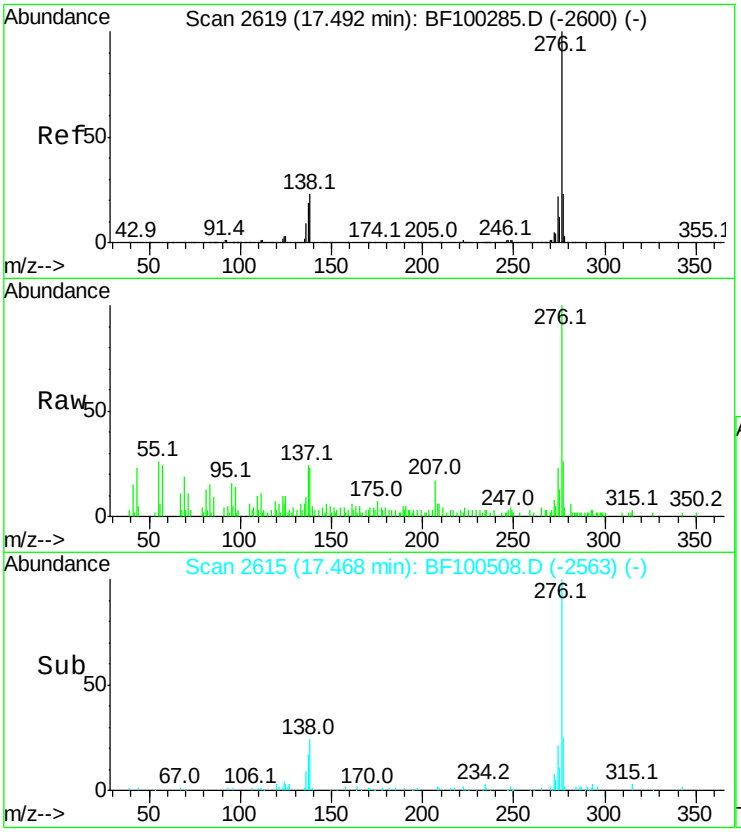


#89
Benzo(a)pyrene
Concen: 8.041 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:252 Resp: 58899

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	11.5	9.8	14.6

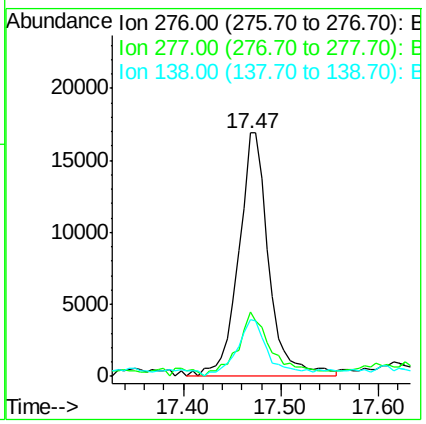




#91
Benzo(g,h,i)perylene
Concen: 6.241 ng
RT: 17.47 min Scan# 2615
Delta R.T. 0.01 min
Lab File: BF100508.D
Acq: 13 Nov 2017 18:13

Tgt Ion:276 Resp: 36595

Ion	Ratio	Lower	Upper
276	100		
277	26.5	17.9	26.9
138	23.3	21.8	32.8



Instrument :
BNA_F
ClientSampleId :
JC-02-110917-D

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