Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
Data File : BF090939.D
Acq On : 31 Oct 2016 20:16
Operator : UM/SJ
Sample : H5463-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(0-2)

Manual Integrations APPROVED
sohil
11/1/2016 5:19:34 PM

Quant Time: Nov 01 13:45:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	130577	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	587204	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	294469	20.00	ng		-0.01
63) Phenanthrene-d10	11.27	188	504181	20.00	ng		0.00
75) Chrysene-d12	13.89	240	307337	20.00	ng		-0.01
86) Perylene-d12	15.30	264	278591	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	974306	130.46	ng		0.01
7) Phenol-d6	6.38	99	1184710	117.58	ng		-0.01
23) Nitrobenzene-d5	7.31	82	675918	75.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	261256	86.33	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1193290	71.16	ng		0.00
78) Terphenyl-d14	12.85	244	1148608	94.16	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.05	128	61435	2.24	ng		99
49) Dimethylphthalate	9.50	163	254320	12.93	ng	#	97
70) Phenanthrene	11.29	178	216715	8.44	ng		97
74) Fluoranthene	12.48	202	304710	10.84	ng		91
77) Pyrene	12.71	202	253401	13.03	ng		96
80) Benzo(a)anthracene	13.89	228	125652	7.70	ng	#	89
82) Chrysene	13.93	228	96289m	5.84	ng		
85) Indeno(1,2,3-cd)pyrene	16.63	276	56842	3.89	ng		94
87) Benzo(b)fluoranthene	14.90	252	130737m	6.98	ng		
88) Benzo(k)fluoranthene	14.92	252	30700m	2.07	ng		
89) Benzo(a)pyrene	15.24	252	87848	5.46	ng	#	87
91) Benzo(g,h,i)perylene	17.03	276	51997	4.05	ng	#	83

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

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BNA_F
ClientSampleId :
SB-5(0-2)

Manual Integrations APPROVED
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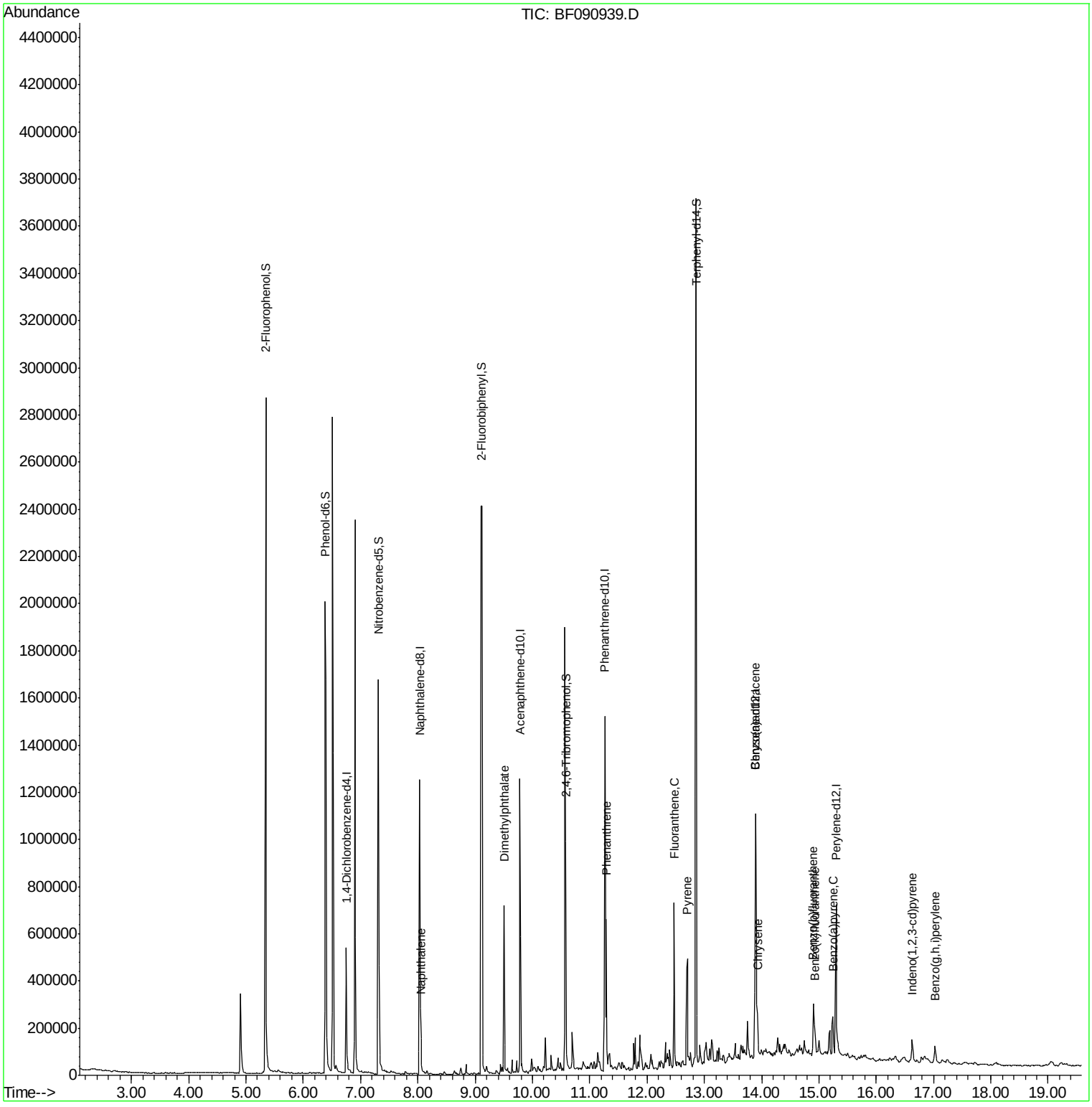
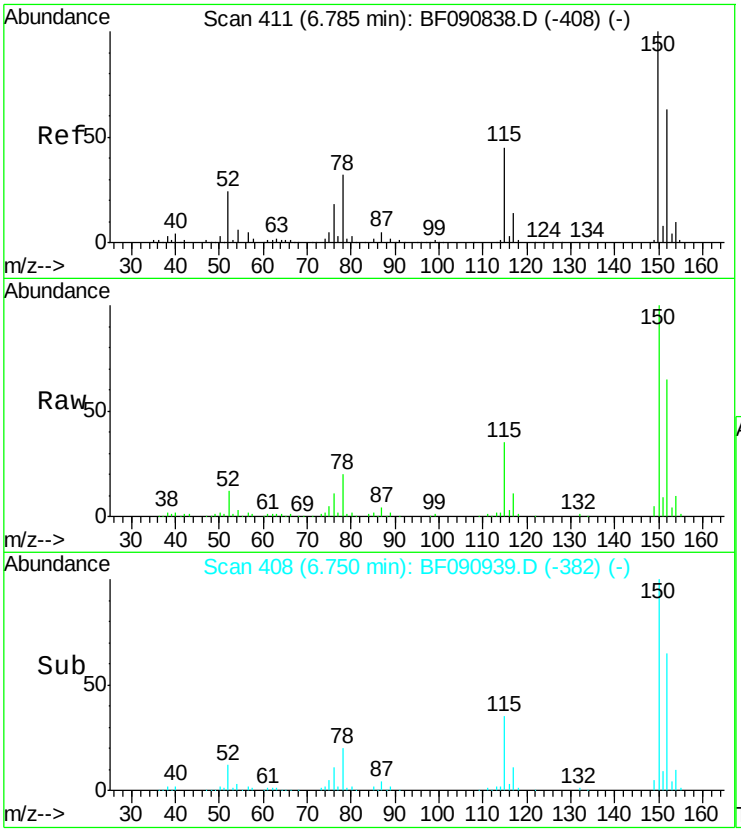
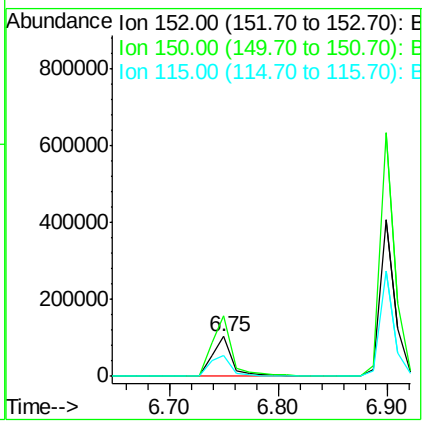




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:152 Resp: 130577

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.7	187.1
115	53.3	39.0	58.4



Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Manual Integrations APPROVED
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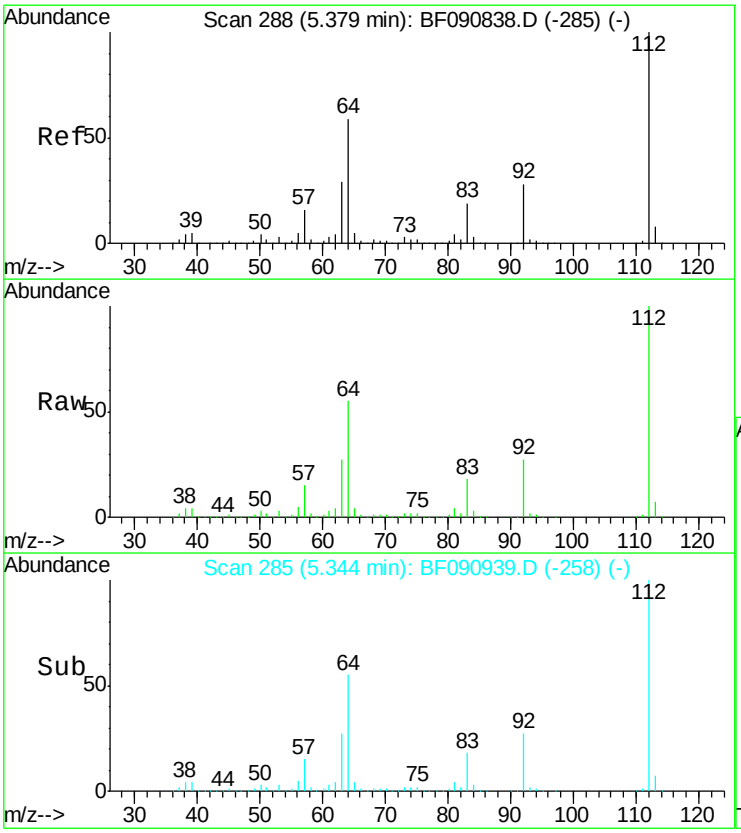
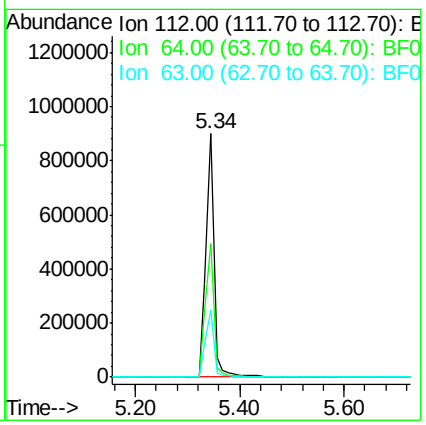
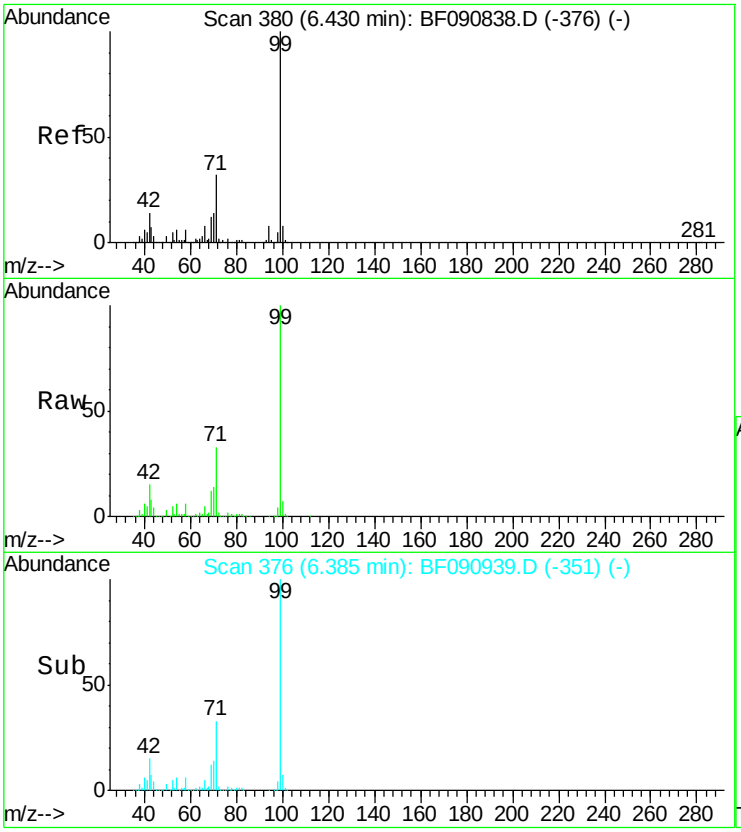


#5
2-Fluorophenol
Concen: 130.46 ng
RT: 5.34 min Scan# 285
Delta R.T. 0.01 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:112 Resp: 974306

Ion	Ratio	Lower	Upper
112	100		
64	54.8	39.7	59.5
63	27.3	17.4	26.0#

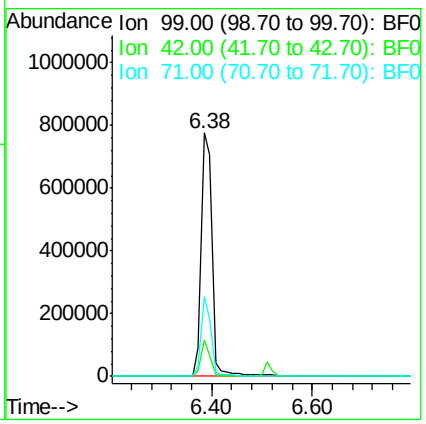




#7
Phenol-d6
Concen: 117.58 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion: 99 Resp: 1184710

Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.7	20.5
71	33.0	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Manual Integrations APPROVED
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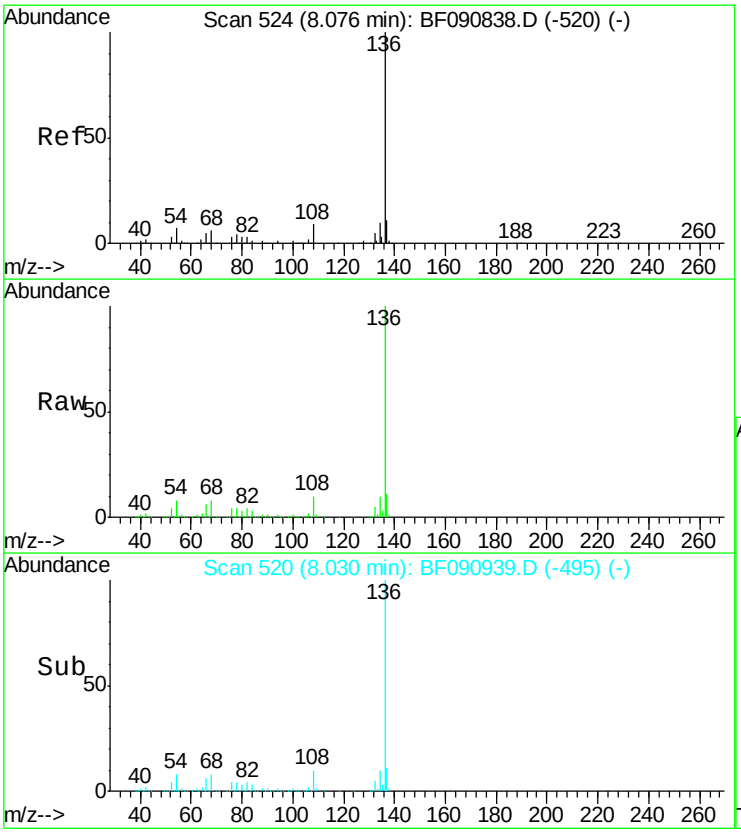
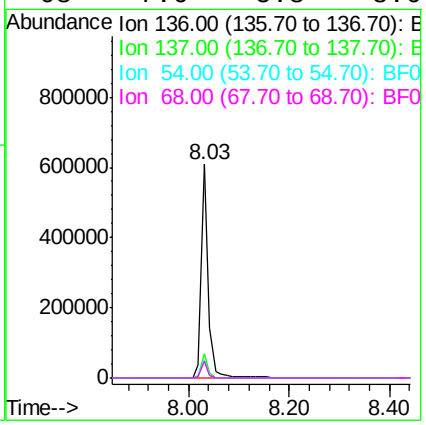
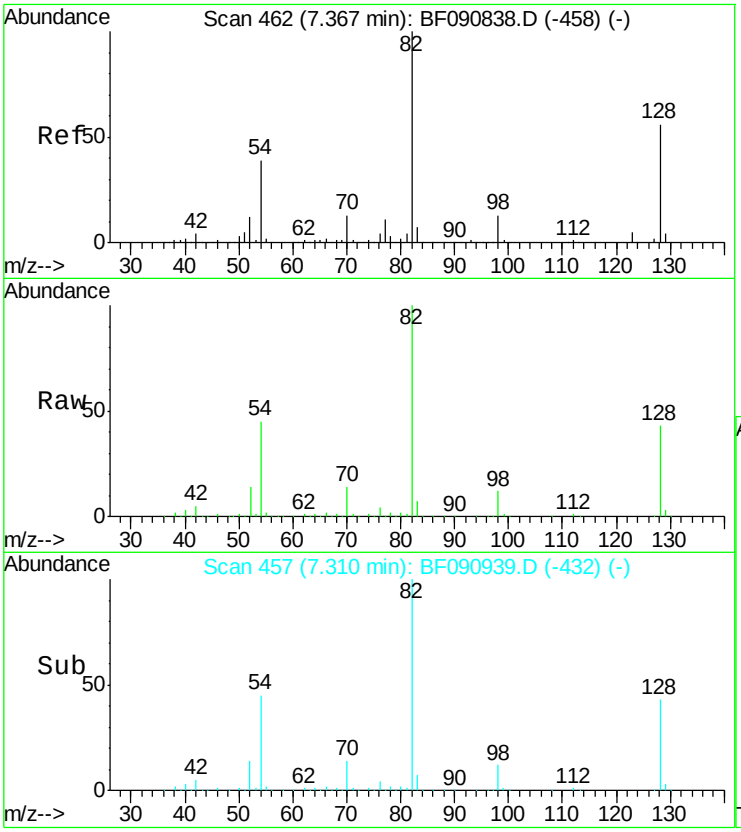


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:136 Resp: 587204

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.5	8.2	12.2
68	7.6	5.8	8.6

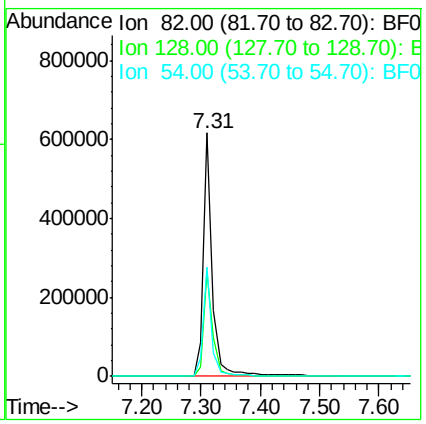




#23
Nitrobenzene-d5
Concen: 75.35 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion: 82 Resp: 675918

Ion	Ratio	Lower	Upper
82	100		
128	42.8	51.0	76.6#
54	44.8	47.5	71.3#



Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Manual Integrations APPROVED
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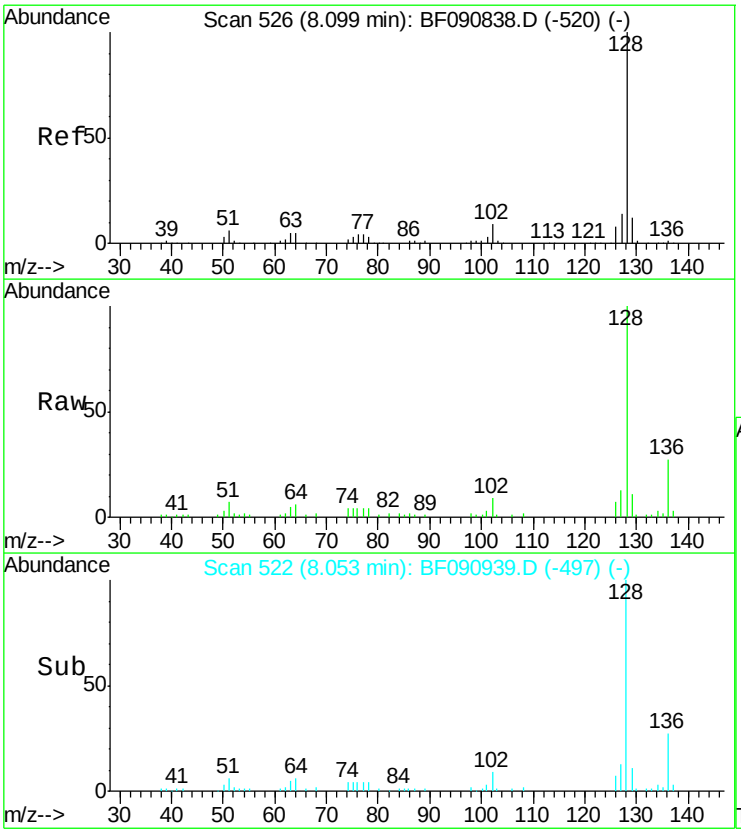
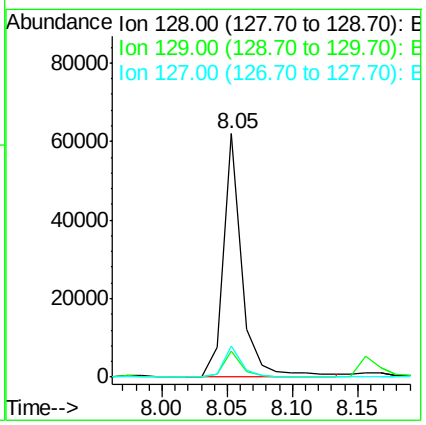
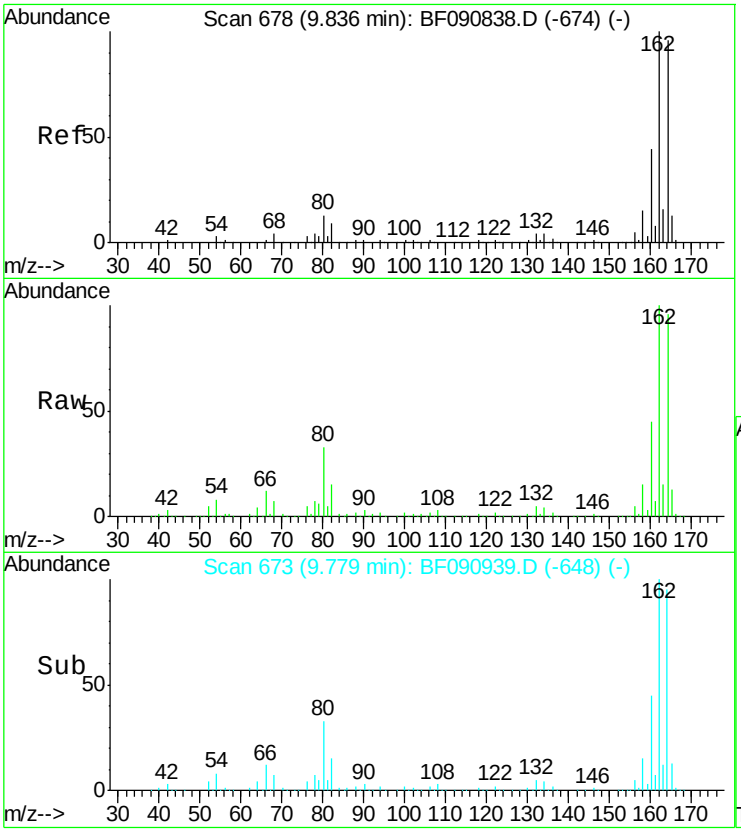


#31
Naphthalene
Concen: 2.24 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:128 Resp: 61435

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.4	12.6
127	13.0	9.9	14.9

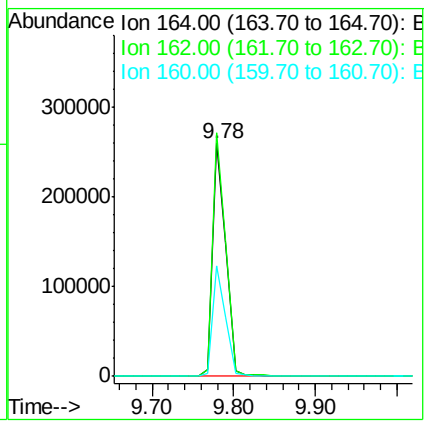




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:164 Resp: 294469

Ion	Ratio	Lower	Upper
164	100		
162	104.4	75.2	112.8
160	47.4	31.5	47.3#



Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Manual Integrations APPROVED
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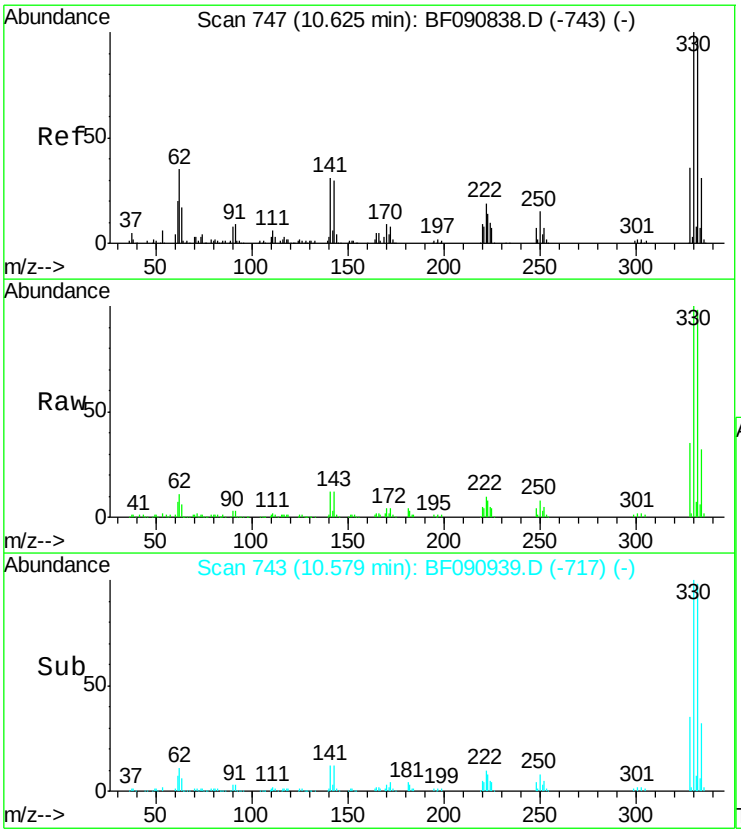
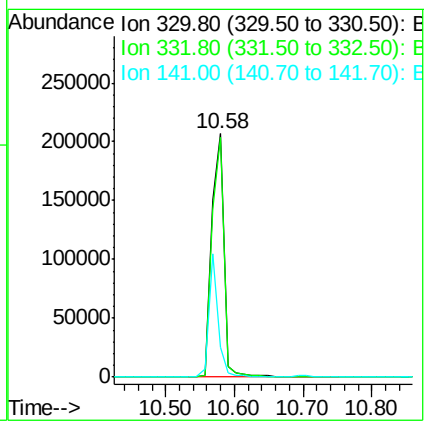
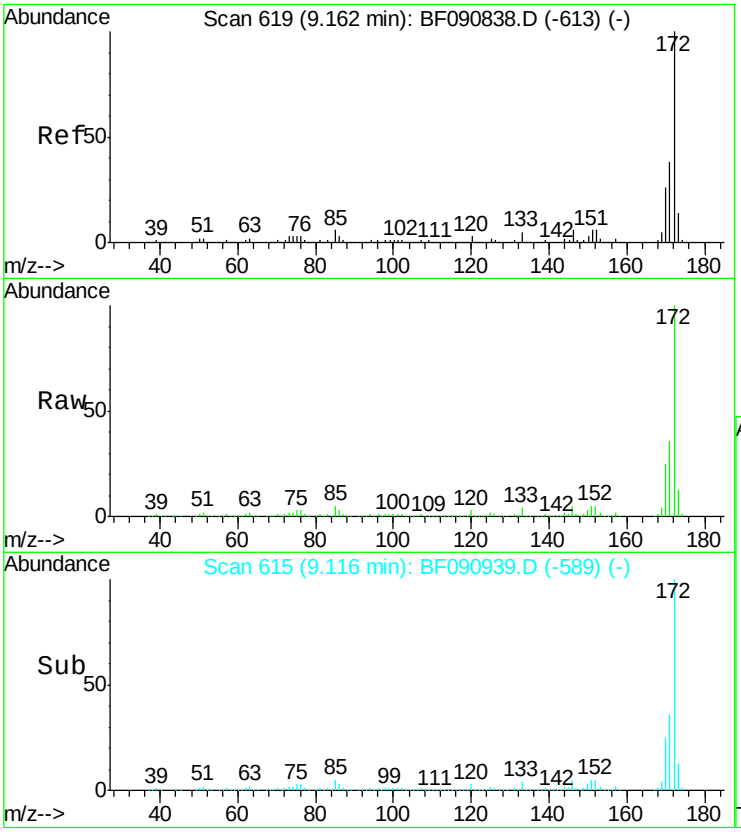


#41
2,4,6-Tribromophenol
Concen: 86.33 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:330 Resp: 261256

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	38.7	29.7	44.5

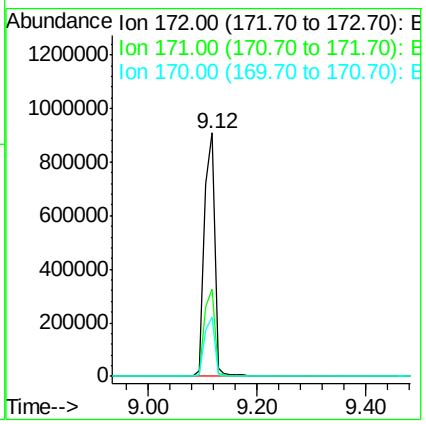




#44
2-Fluorobiphenyl
Concen: 71.16 ng
RT: 9.12 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:172 Resp: 1193290

Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.1	39.1
170	24.5	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Manual Integrations APPROVED
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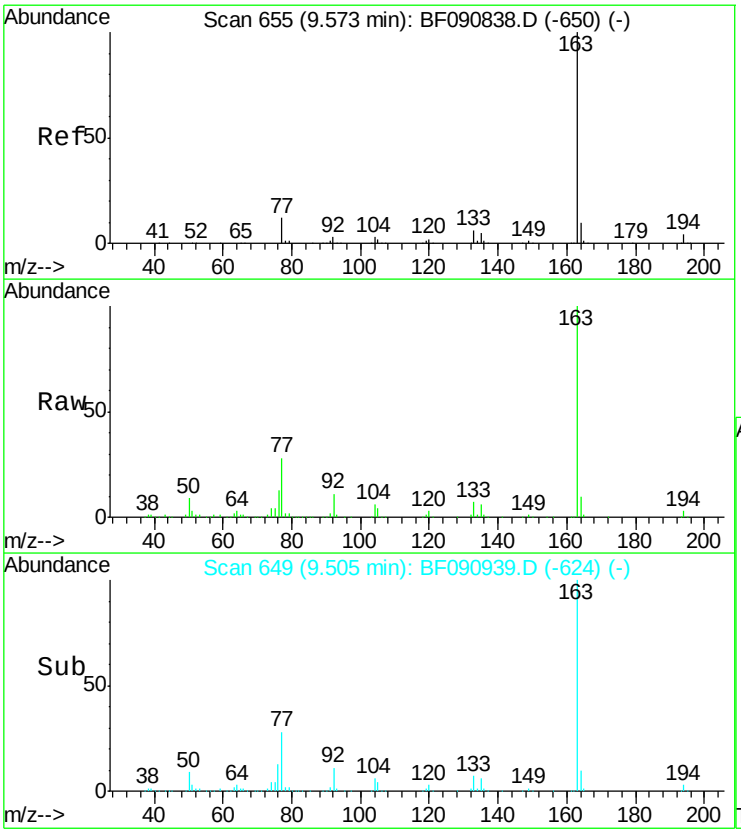
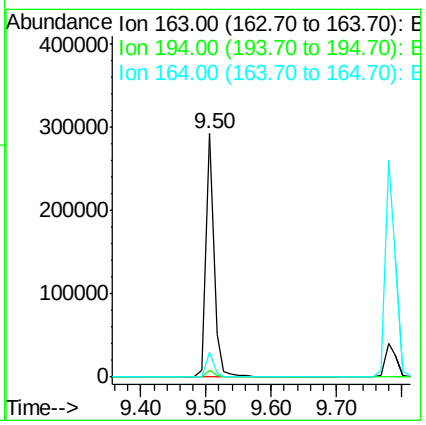
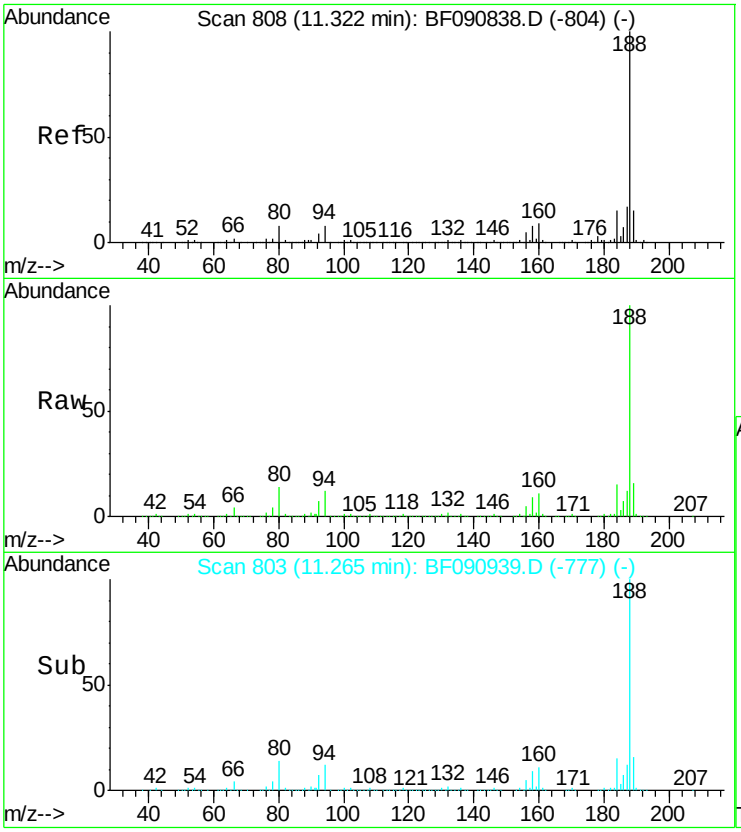


#49
Dimethylphthalate
Concen: 12.93 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:163 Resp: 254320

Ion	Ratio	Lower	Upper
163	100		
194	2.7	4.4	6.6#
164	10.1	8.3	12.5

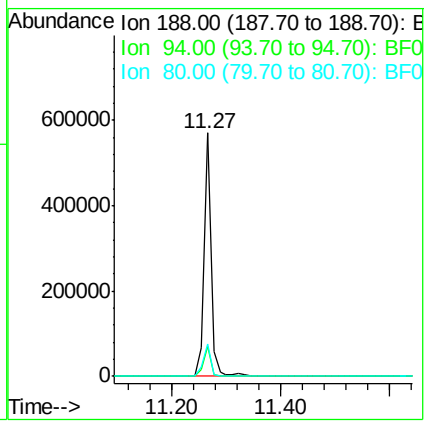




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:188 Resp: 504181

Ion	Ratio	Lower	Upper
188	100		
94	12.1	11.1	16.7
80	13.6	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

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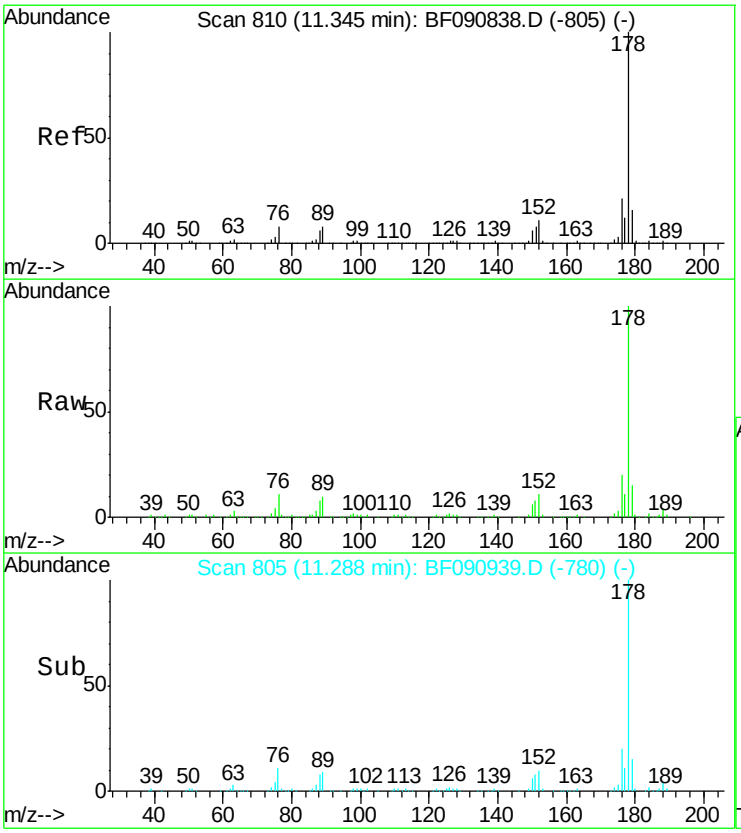
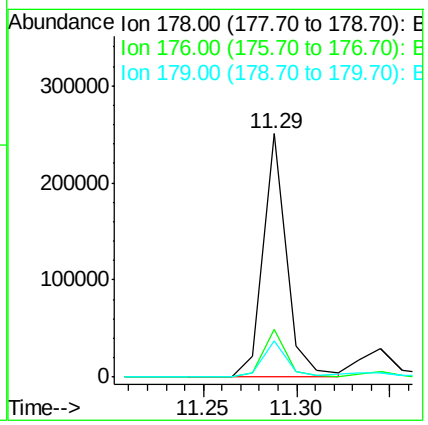
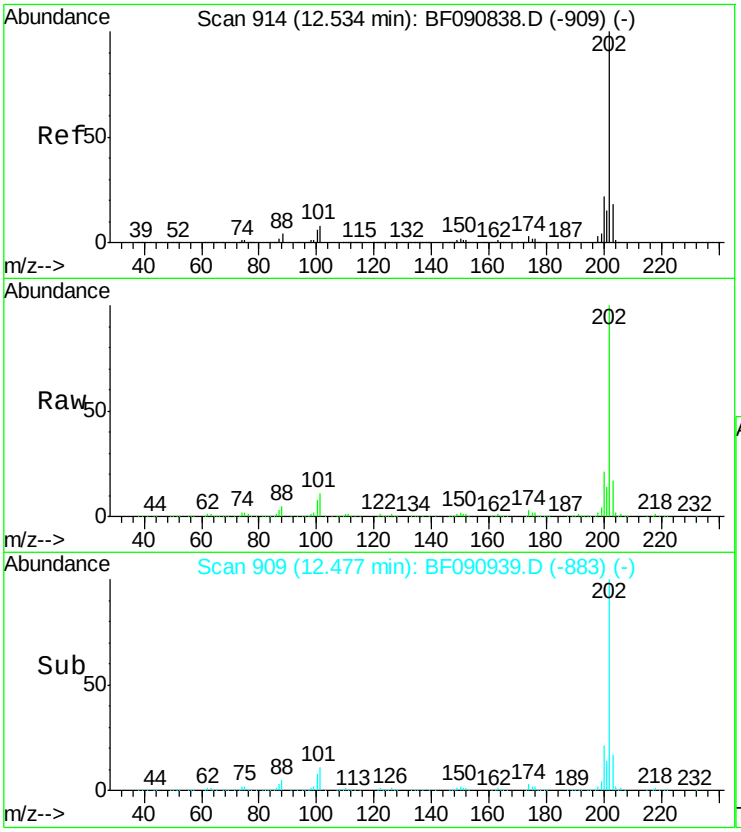


#70
Phenanthrene
Concen: 8.44 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:178 Resp: 216715

Ion	Ratio	Lower	Upper
178	100		
176	19.6	13.8	20.8
179	15.2	12.2	18.2

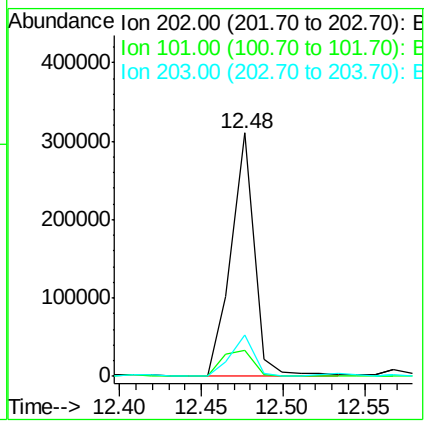




#74
Fluoranthene
Concen: 10.84 ng
RT: 12.48 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:202 Resp: 304710

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	38.3
203	17.1	0.0	37.3



Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Manual Integrations APPROVED
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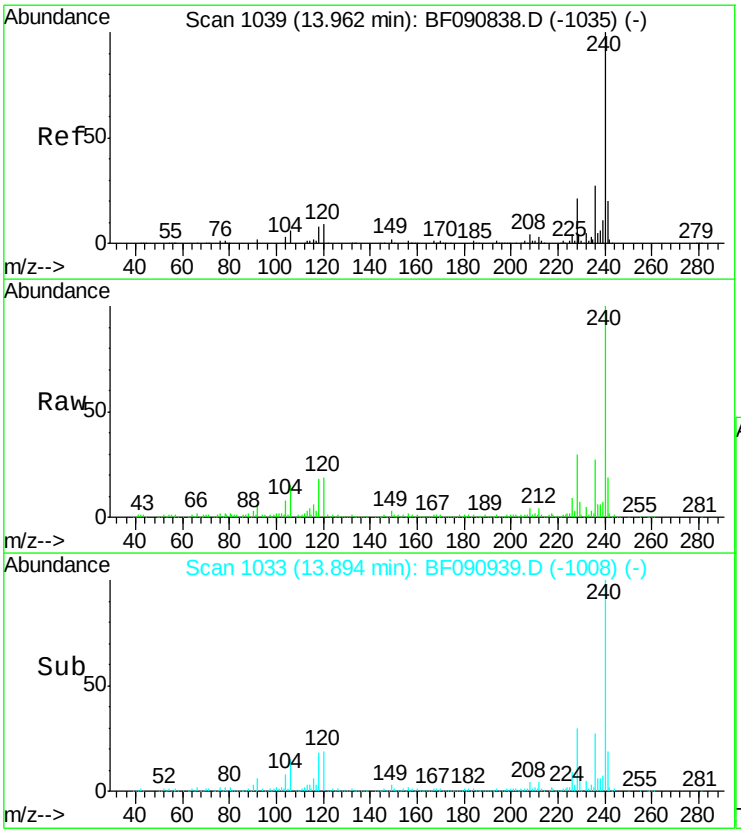
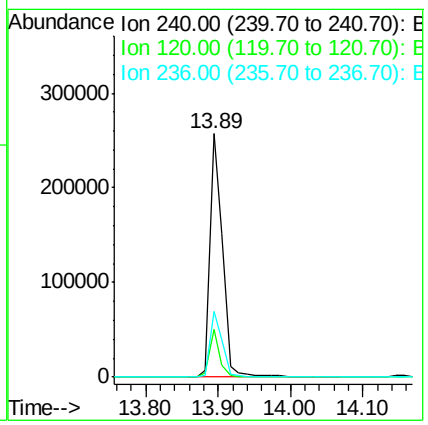
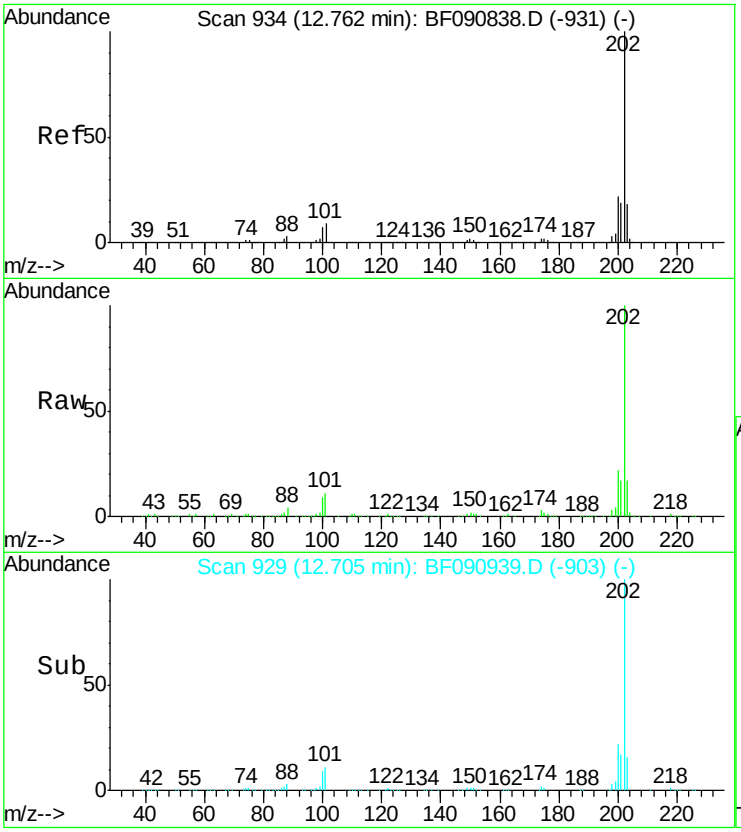


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:240 Resp: 307337

Ion	Ratio	Lower	Upper
240	100		
120	19.4	16.2	24.2
236	27.2	18.4	27.6

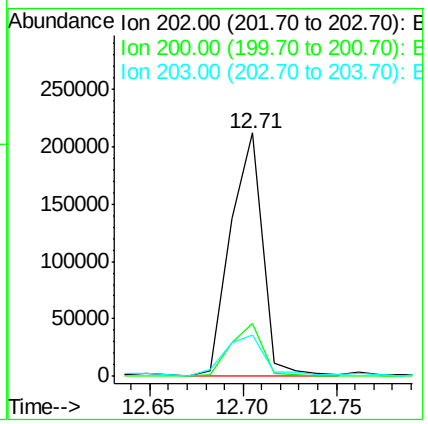




#77
Pyrene
Concen: 13.03 ng
RT: 12.71 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:202 Resp: 253401

Ion	Ratio	Lower	Upper
202	100		
200	21.6	15.0	22.4
203	17.1	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Manual Integrations APPROVED
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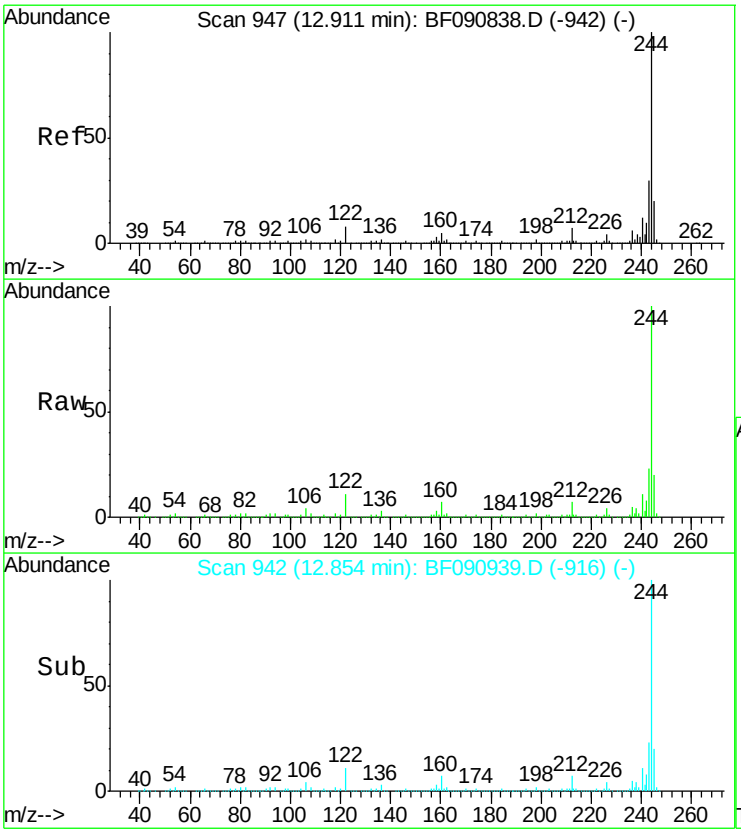
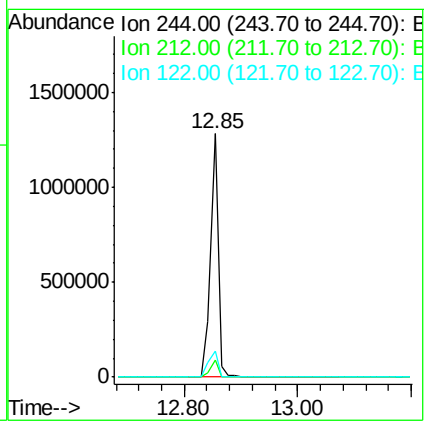
11/1/2016 5:19:34 PM

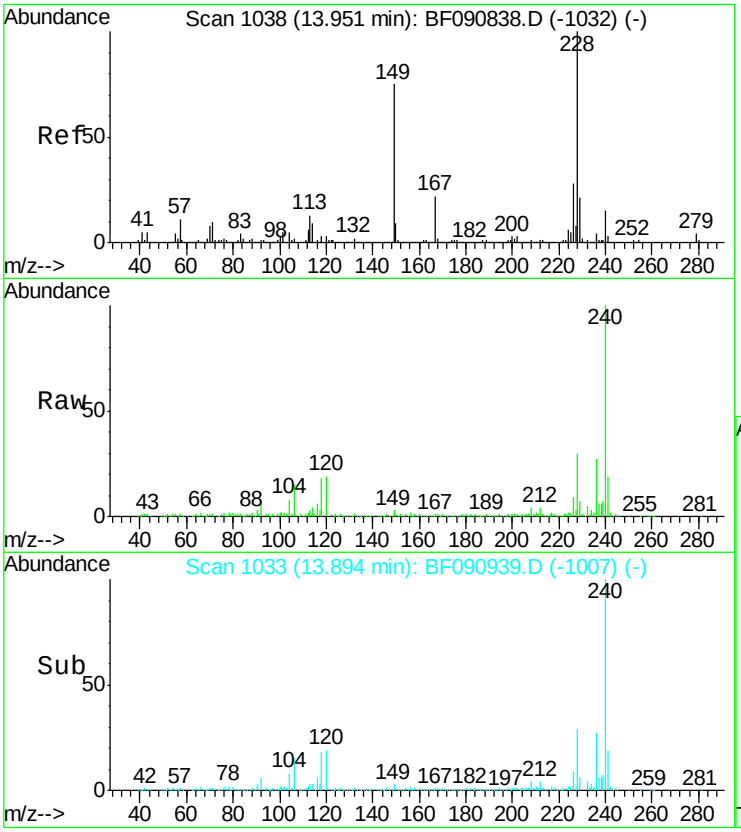


#78
Terphenyl-d14
Concen: 94.16 ng
RT: 12.85 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:244 Resp: 1148608

Ion	Ratio	Lower	Upper
244	100		
212	7.0	4.3	6.5#
122	10.9	17.4	26.2#

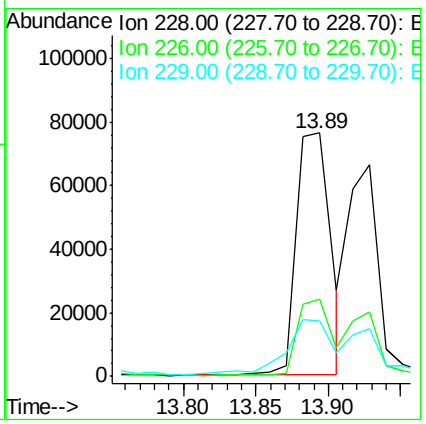




#80
Benzo(a)anthracene
Concen: 7.70 ng
RT: 13.89 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:228 Resp: 125652

Ion	Ratio	Lower	Upper
228	100		
226	31.5	20.0	30.0#
229	22.9	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
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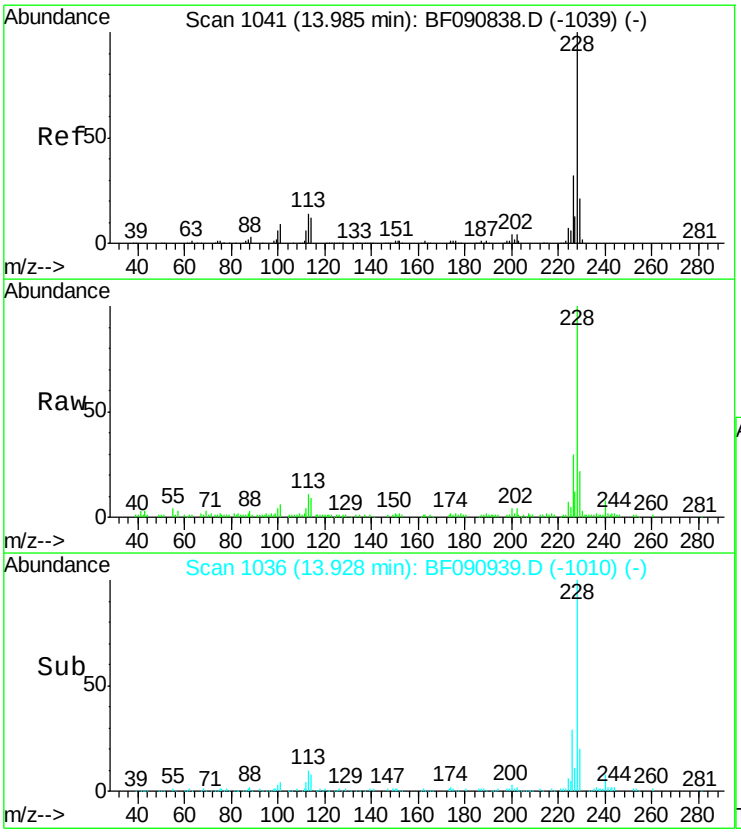
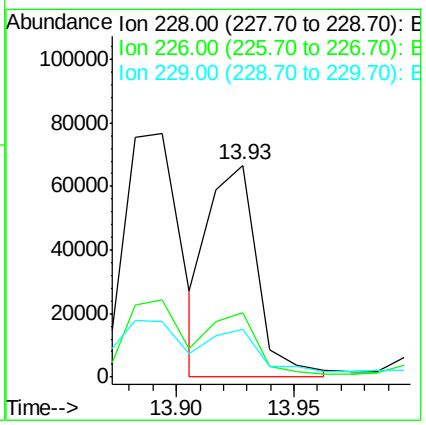
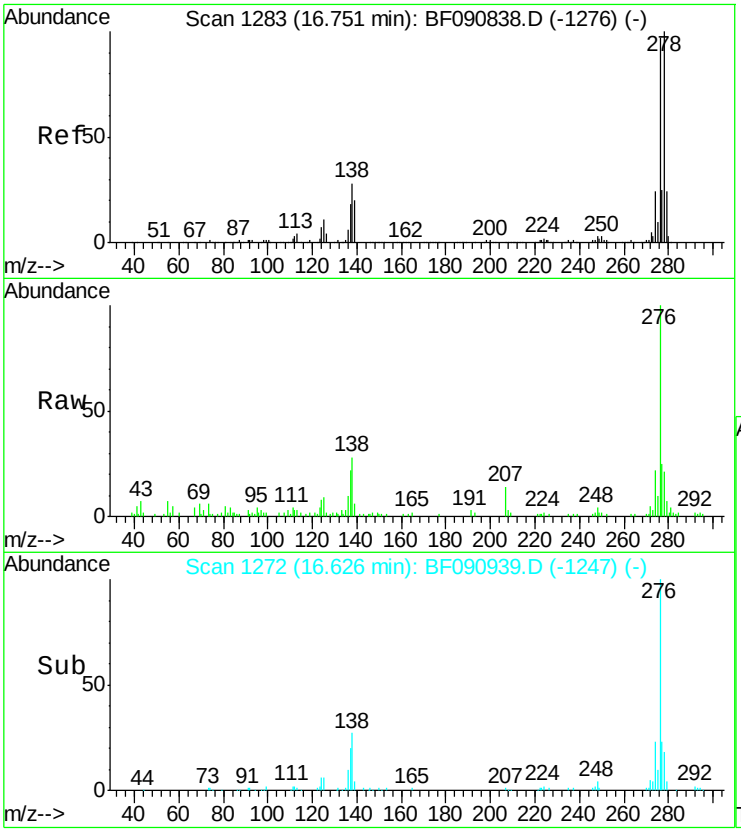


#82
Chrysene
Concen: 5.84 ng m
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:228 Resp: 96289

Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.0	31.4
229	22.3	15.6	23.4





#85
Indeno(1,2,3-cd)pyrene
Concen: 3.89 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:276 Resp: 56842

Ion	Ratio	Lower	Upper
276	100		
138	29.0	25.7	38.5
277	23.2	15.6	23.4

Instrument :
BNA_F
ClientSampleId :
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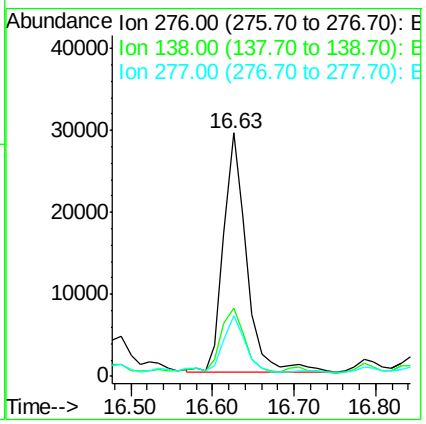
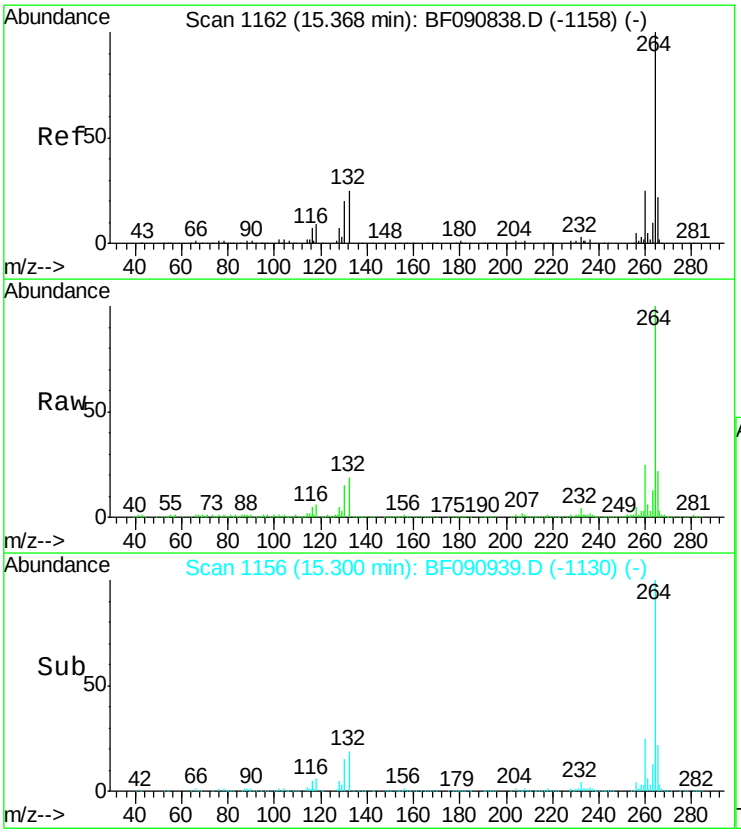
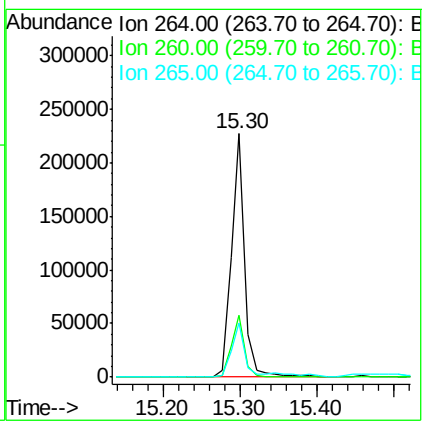


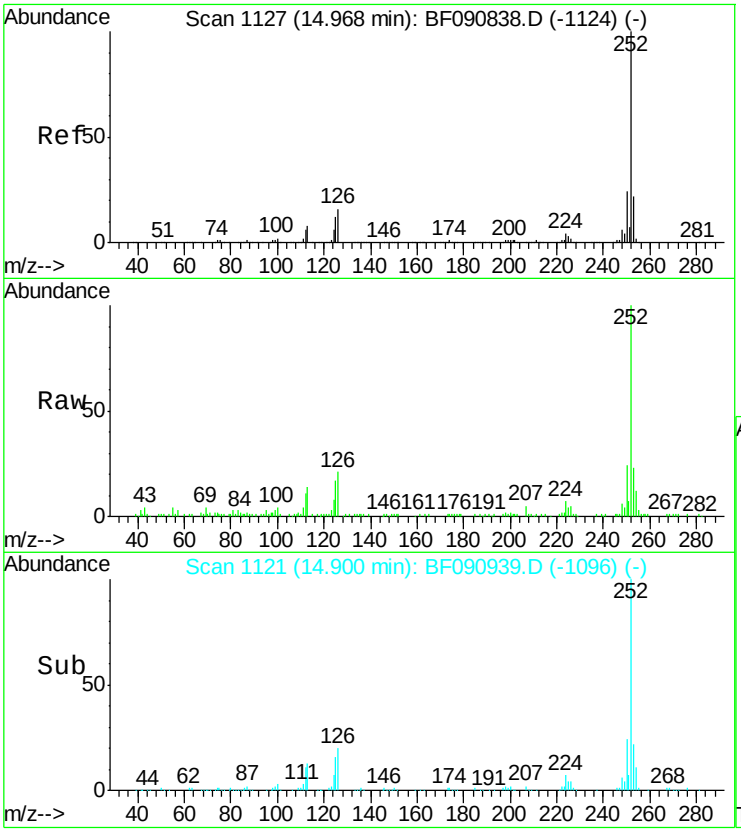


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:264 Resp: 278591

Ion	Ratio	Lower	Upper
264	100		
260	25.3	16.7	25.1#
265	22.2	17.2	25.8

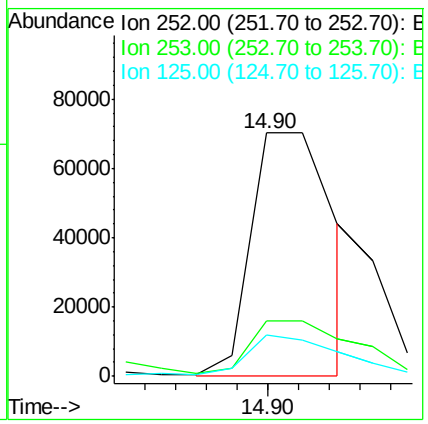




#87
Benzo(b)fluoranthene
Concen: 6.98 ng m
RT: 14.90 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:252 Resp: 130737

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	17.0	17.1	25.7#



Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

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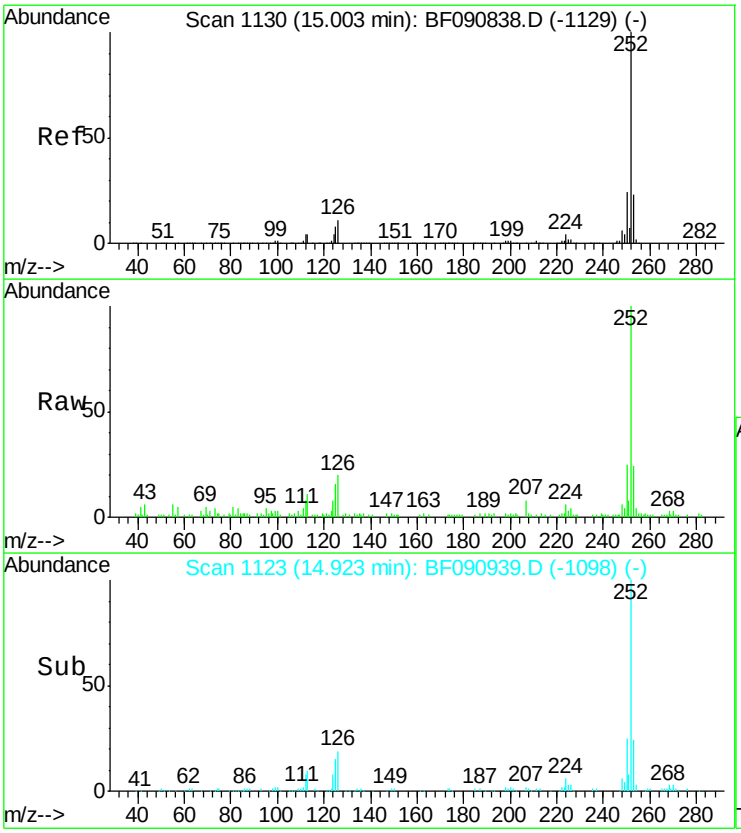
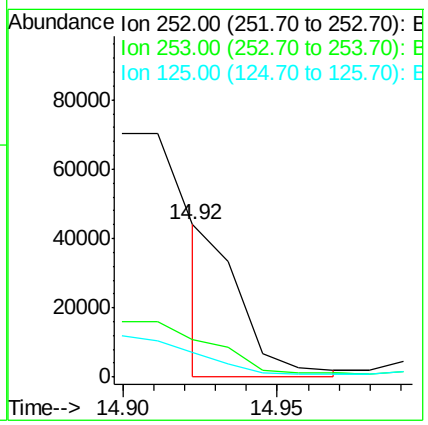
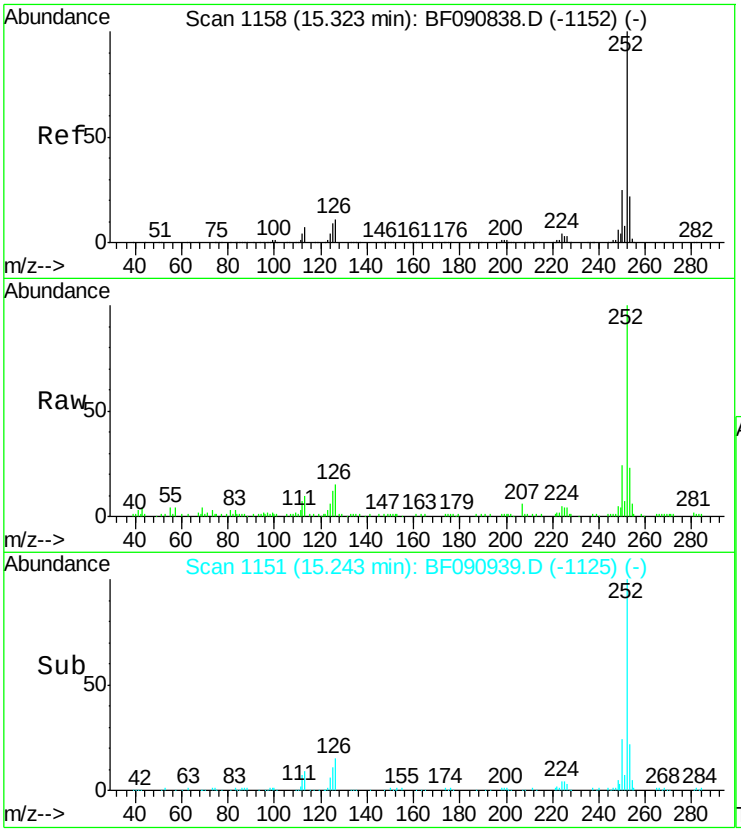


#88
Benzo(k)fluoranthene
Concen: 2.07 ng m
RT: 14.92 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:252 Resp: 30700

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.4
125	16.2	16.0	24.0





#89
Benzo(a)pyrene
Concen: 5.46 ng
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:252 Resp: 87848

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	12.2	18.0	27.0#

Instrument :
BNA_F
ClientSampleId :
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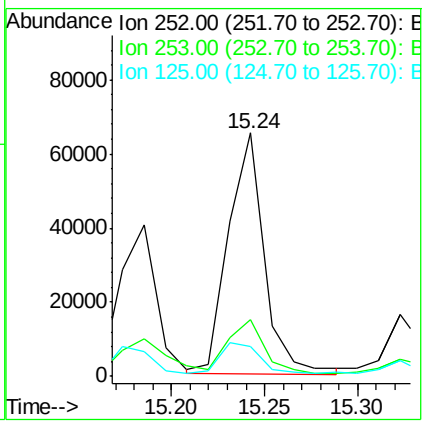

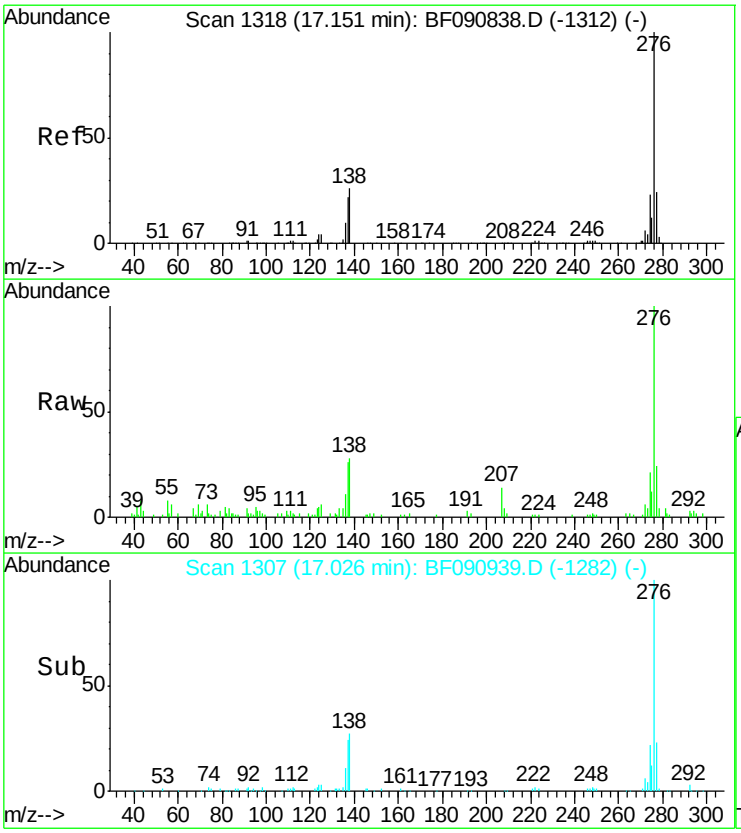

#91
Benzo(g,h,i)perylene
Concen: 4.05 ng
RT: 17.03 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF090939.D
Acq: 31 Oct 2016 20:16

Tgt Ion:276 Resp: 51997

Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.8	26.6
138	27.8	34.6	51.8#