Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
Data File : BF090267.D
Acq On : 27 Sep 2016 22:16
Operator : UM/SJ
Sample : H4949-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-3-2-LOC-3(10-15)

Manual Integrations APPROVED
sohil
9/28/2016 1:53:17 PM

Quant Time: Sep 28 01:37:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	147939	20.00	ng		0.00
21) Naphthalene-d8	7.76	136	543960	20.00	ng		-0.01
38) Acenaphthene-d10	9.50	164	281986	20.00	ng		-0.01
63) Phenanthrene-d10	10.97	188	388138	20.00	ng		-0.01
75) Chrysene-d12	13.58	240	280030	20.00	ng		-0.02
86) Perylene-d12	14.90	264	263197	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.04	112	1028323	113.30	ng		0.01
7) Phenol-d6	6.14	99	1306891	116.60	ng		0.00
23) Nitrobenzene-d5	7.05	82	783101	83.45	ng		-0.01
41) 2,4,6-Tribromophenol	10.28	330	244375	101.01	ng		-0.01
44) 2-Fluorobiphenyl	8.84	172	1256621	87.49	ng		-0.01
78) Terphenyl-d14	12.55	244	682349	61.86	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.15	94	26658	2.01	ng		92
49) Dimethylphthalate	9.24	163	541677	30.16	ng		100
70) Phenanthrene	10.99	178	136463	7.52	ng		97
71) Anthracene	11.04	178	40424	2.12	ng		98
74) Fluoranthene	12.17	202	383735	19.69	ng		91
77) Pyrene	12.39	202	384989	20.09	ng		99
80) Benzo(a)anthracene	13.57	228	199354	13.23	ng		98
82) Chrysene	13.60	228	146773m	10.00	ng		
85) Indeno(1,2,3-cd)pyrene	16.03	276	73941	6.23	ng	#	92
87) Benzo(b)fluoranthene	14.56	252	193951m	13.31	ng		
88) Benzo(k)fluoranthene	14.57	252	77842m	5.69	ng		
89) Benzo(a)pyrene	14.85	252	145985	10.65	ng	#	94
91) Benzo(g,h,i)perylene	16.37	276	66631	6.36	ng		99

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

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BNA_F
ClientSampleId :
S-3-2-LOC-3(10-15)

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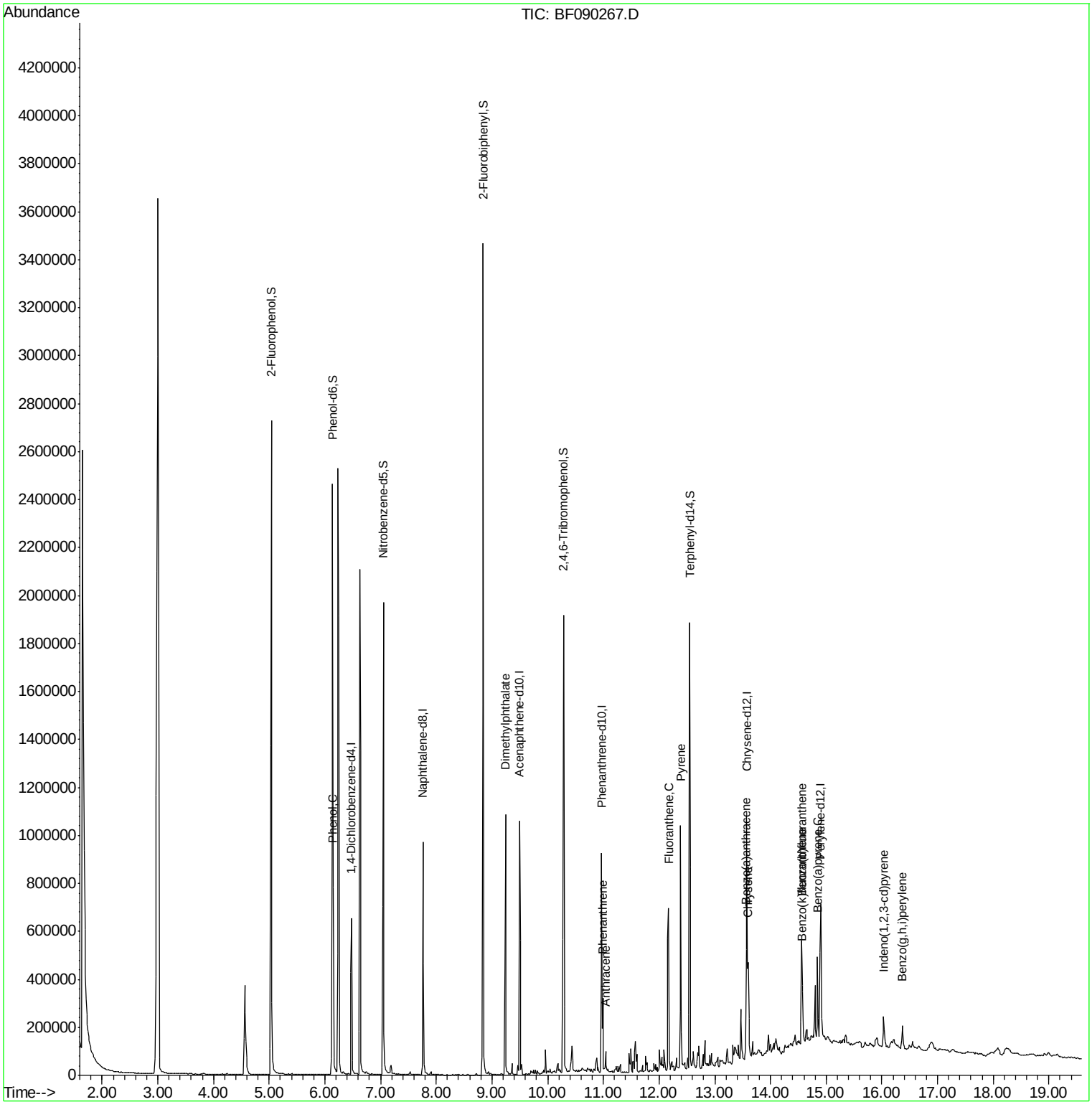
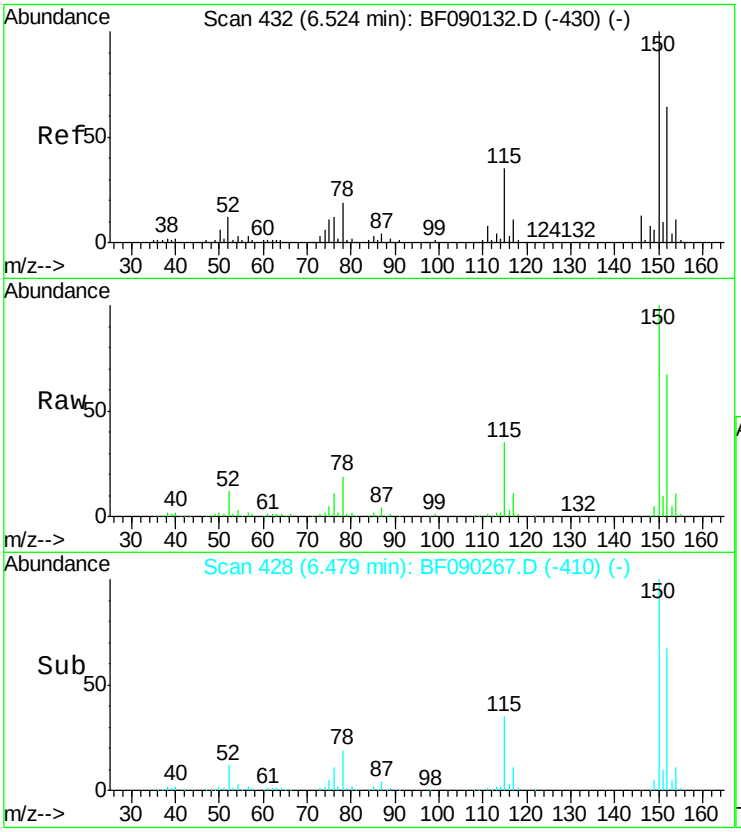
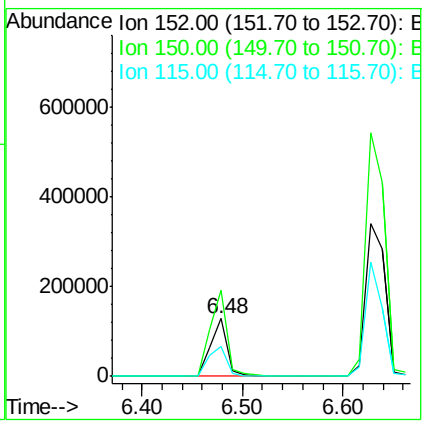




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:152 Resp: 147939

Ion	Ratio	Lower	Upper
152	100		
150	148.4	128.9	193.3
115	52.6	55.5	83.3#



Instrument :
BNA_F
ClientSampleId :
S-3-2-LOC-3(10-15)

Manual Integrations APPROVED
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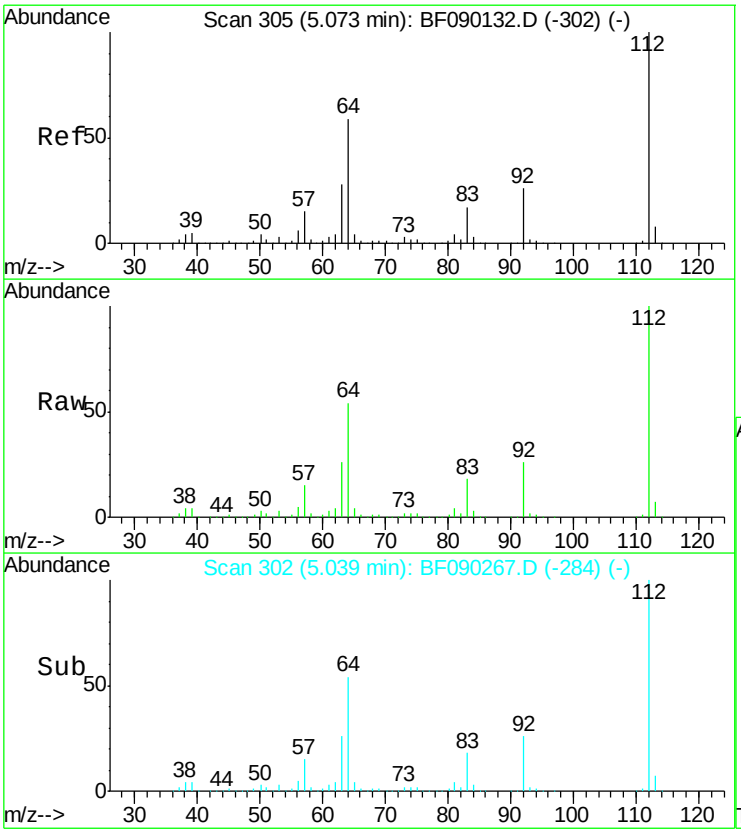
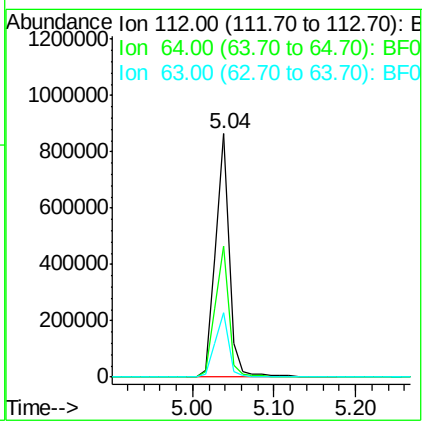
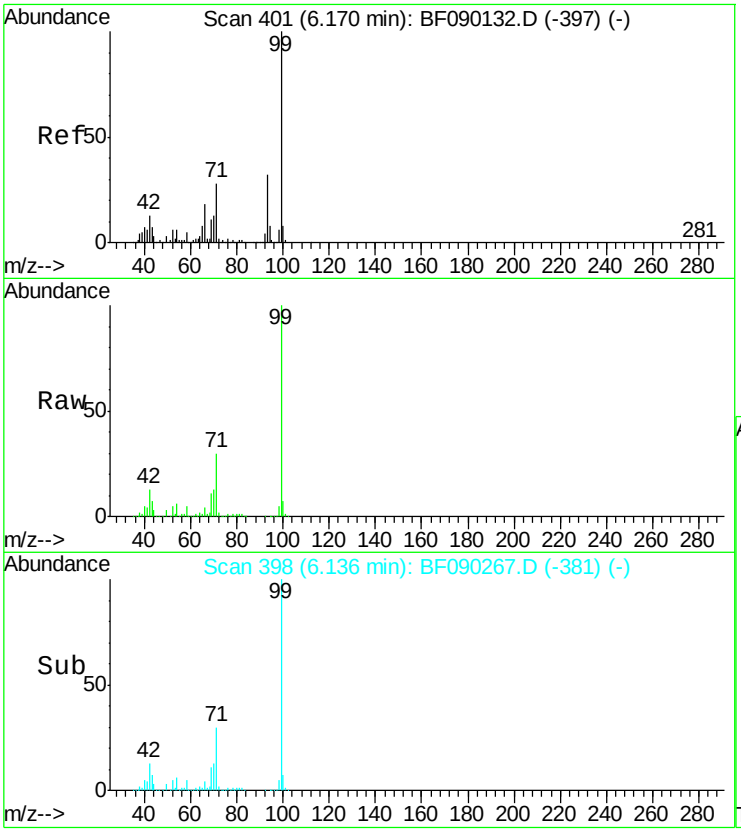


#5
2-Fluorophenol
Concen: 113.30 ng
RT: 5.04 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:112 Resp: 1028323

Ion	Ratio	Lower	Upper
112	100		
64	53.7	39.8	59.6
63	26.4	18.9	28.3

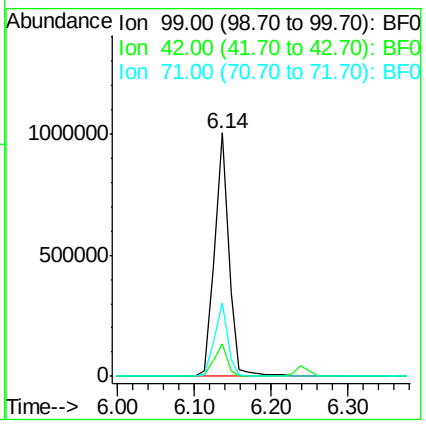




#7
Phenol-d6
Concen: 116.60 ng
RT: 6.14 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion: 99 Resp: 1306891

Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.6	15.8
71	30.3	23.0	34.6



Instrument :
BNA_F
ClientSampleId :
S-3-2-LOC-3(10-15)

Manual Integrations APPROVED
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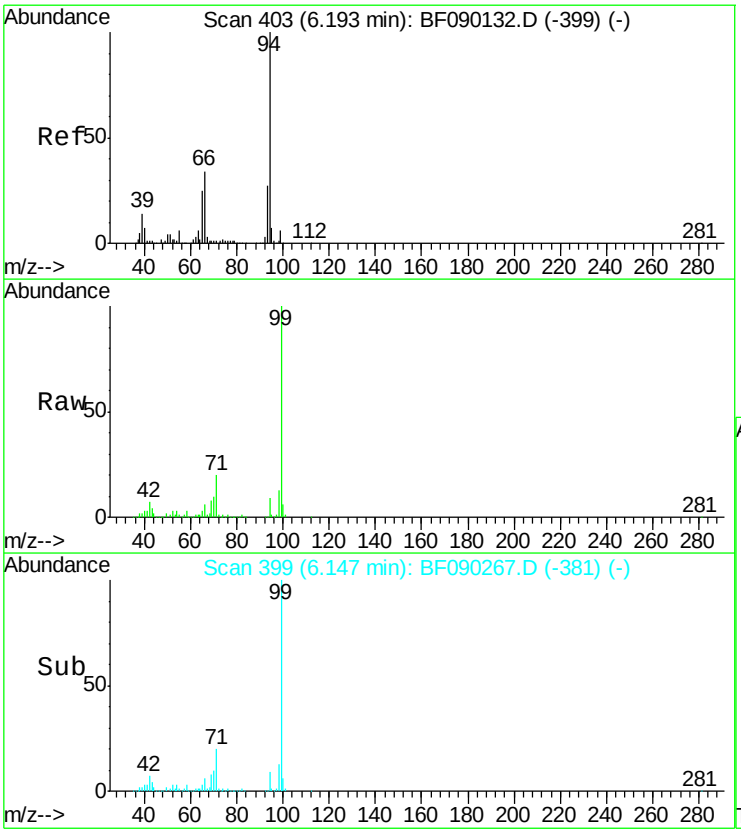
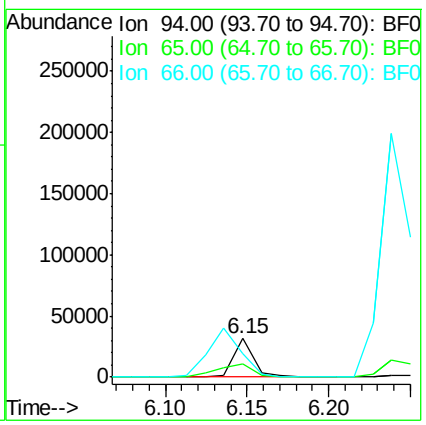
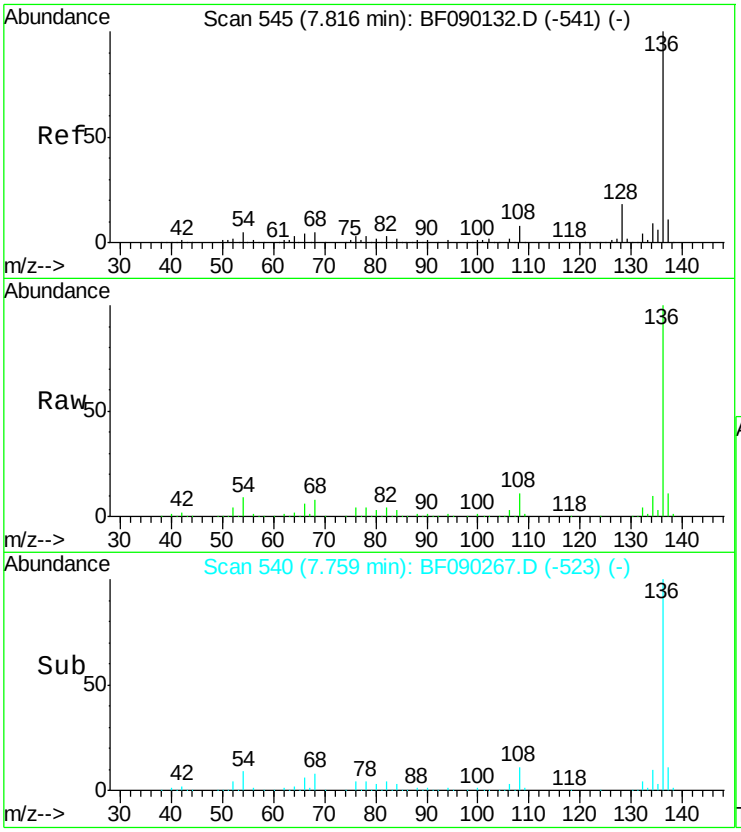


#10
Phenol
Concen: 2.01 ng
RT: 6.15 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion: 94 Resp: 26658

Ion	Ratio	Lower	Upper
94	100		
65	32.9	20.6	60.6
66	60.4	45.1	85.1

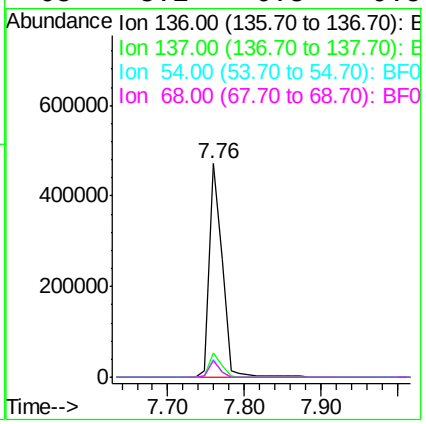




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:136 Resp: 543960

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.6	6.4	9.6
68	8.1	6.3	9.5



Instrument :
BNA_F
ClientSampleId :
S-3-2-LOC-3(10-15)

Manual Integrations APPROVED
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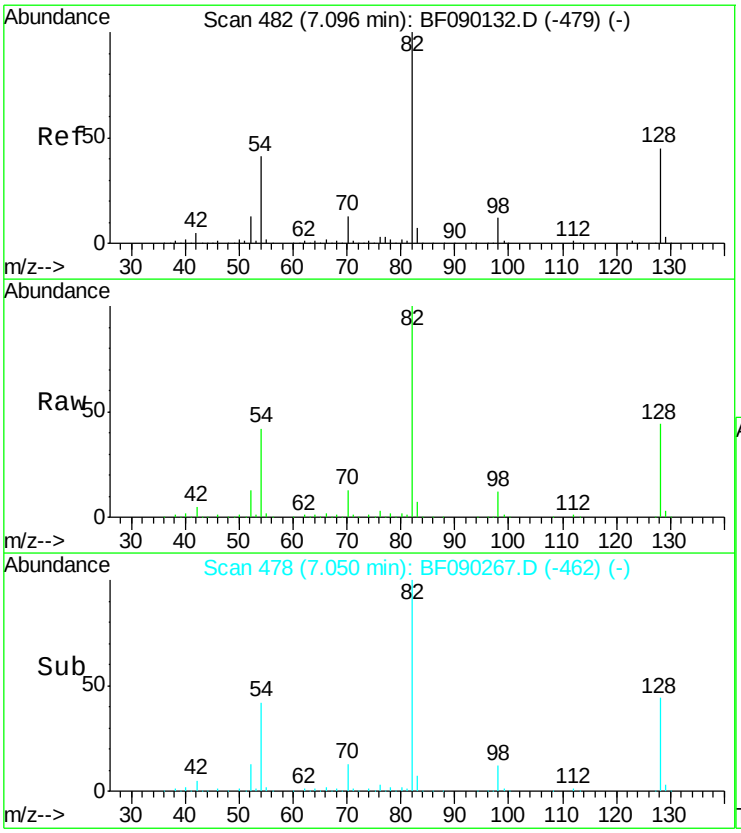
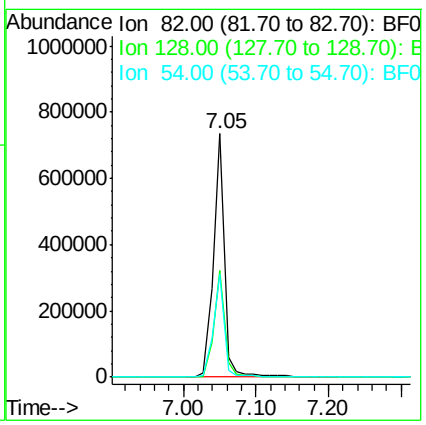
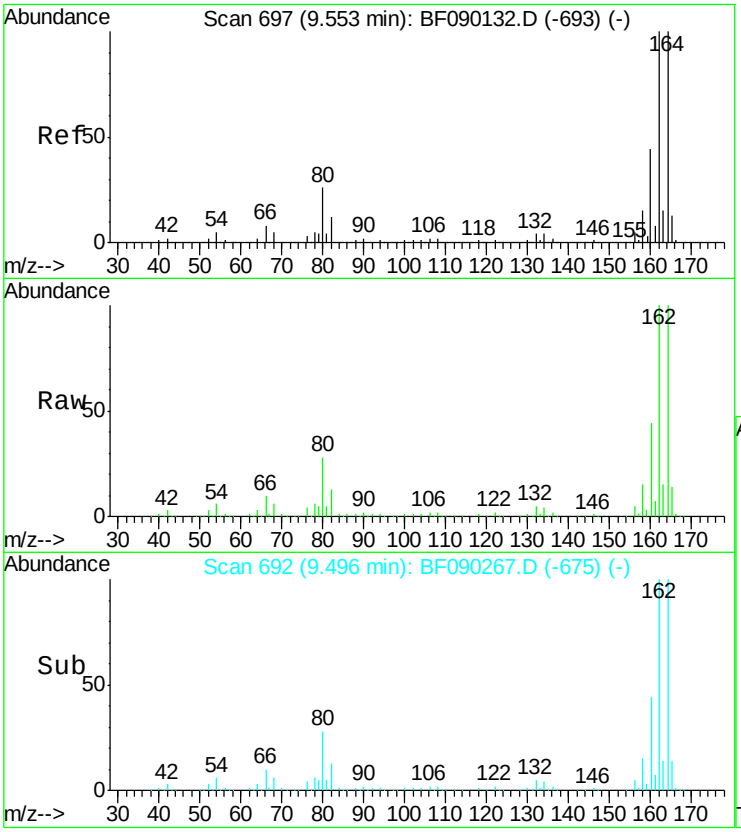


#23
Nitrobenzene-d5
Concen: 83.45 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion: 82 Resp: 783101

Ion	Ratio	Lower	Upper
82	100		
128	44.0	37.5	56.3
54	42.4	31.9	47.9

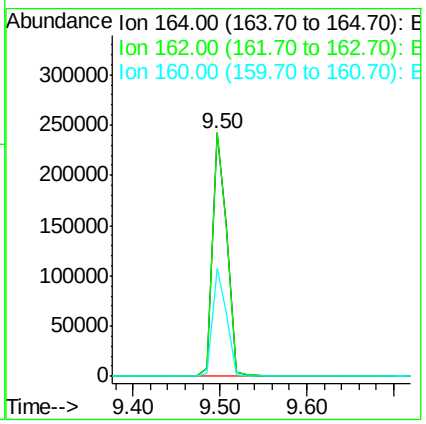




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:164 Resp: 281986

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.4	122.2
160	44.5	36.6	54.8



Instrument :
BNA_F
ClientSampleId :
S-3-2-LOC-3(10-15)

Manual Integrations APPROVED
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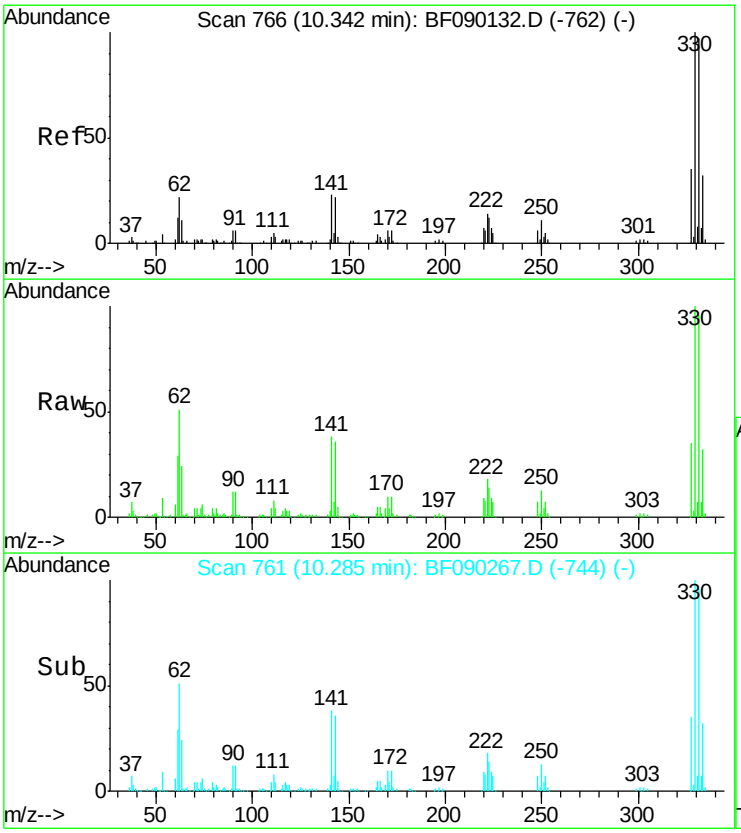
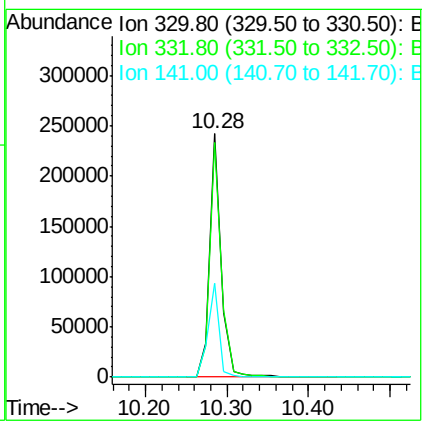
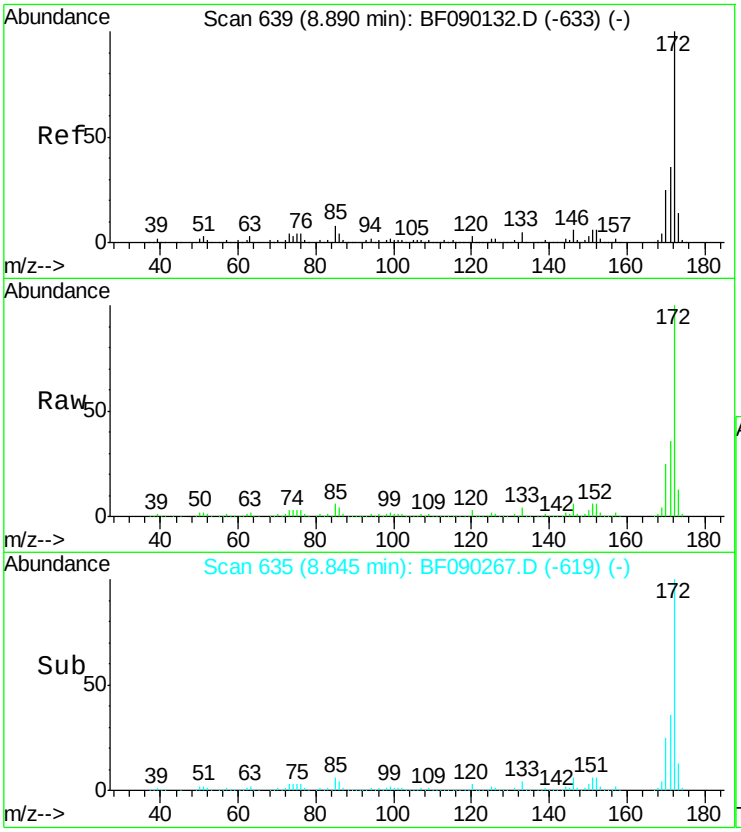


#41
2,4,6-Tribromophenol
Concen: 101.01 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:330 Resp: 244375

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.1	117.1
141	37.9	23.9	35.9#

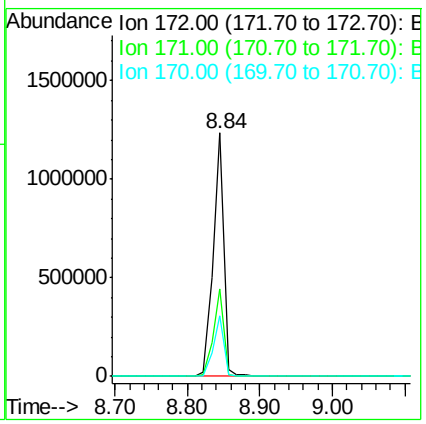




#44
2-Fluorobiphenyl
Concen: 87.49 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:172 Resp: 1256621

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	24.7	19.8	29.8



Instrument :
BNA_F
ClientSampleId :
S-3-2-LOC-3(10-15)

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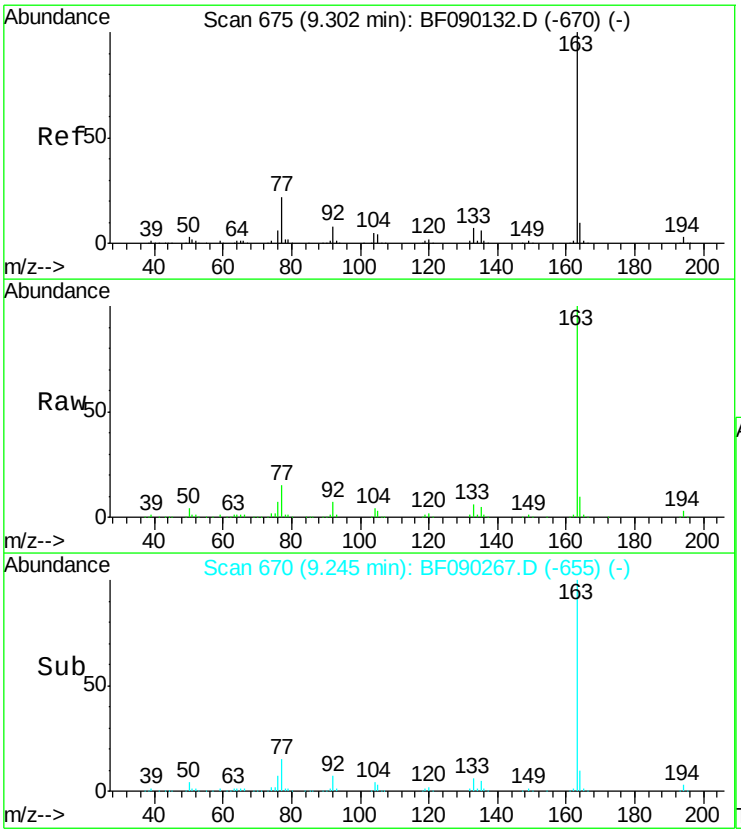
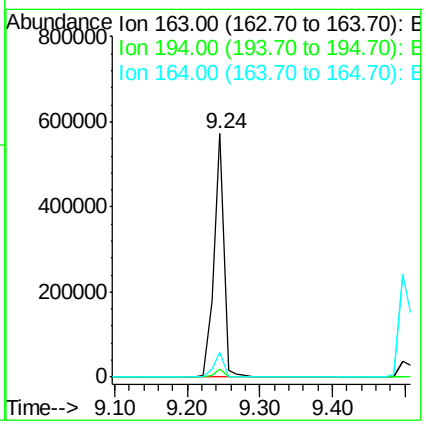
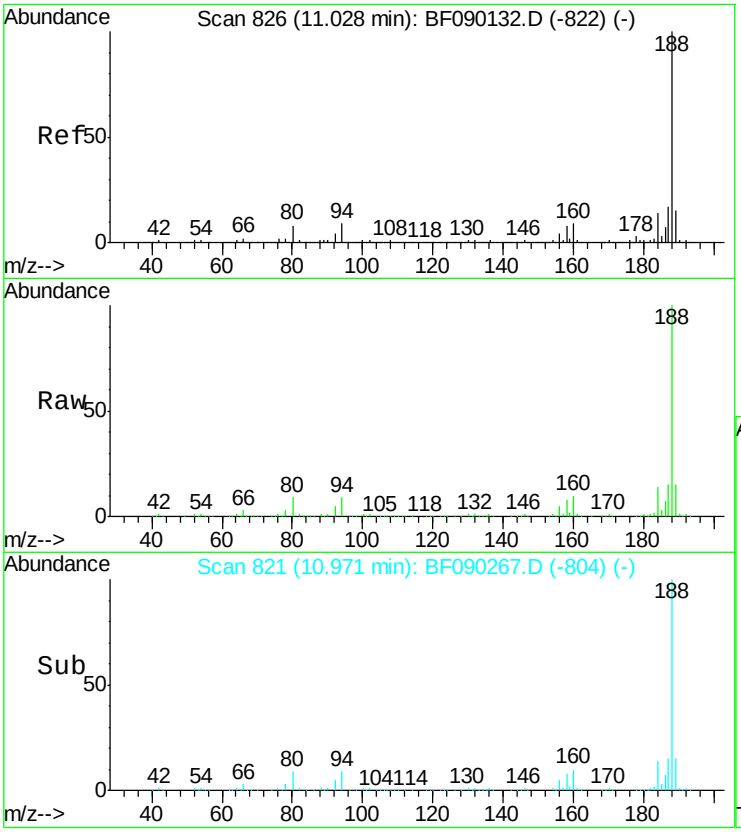


#49
Dimethylphthalate
Concen: 30.16 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:163 Resp: 541677

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.0	8.1	12.1

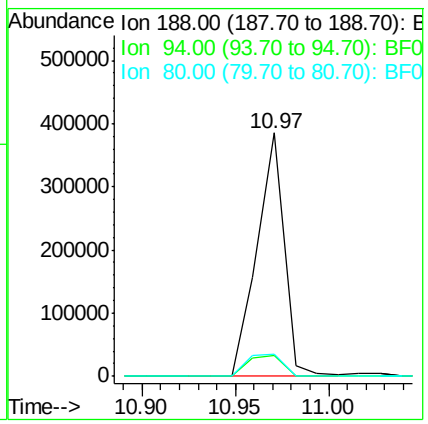




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:188 Resp: 388138

Ion	Ratio	Lower	Upper
188	100		
94	8.8	10.5	15.7#
80	9.1	11.2	16.8#



Instrument :
BNA_F
ClientSampleId :
S-3-2-LOC-3(10-15)

Manual Integrations APPROVED
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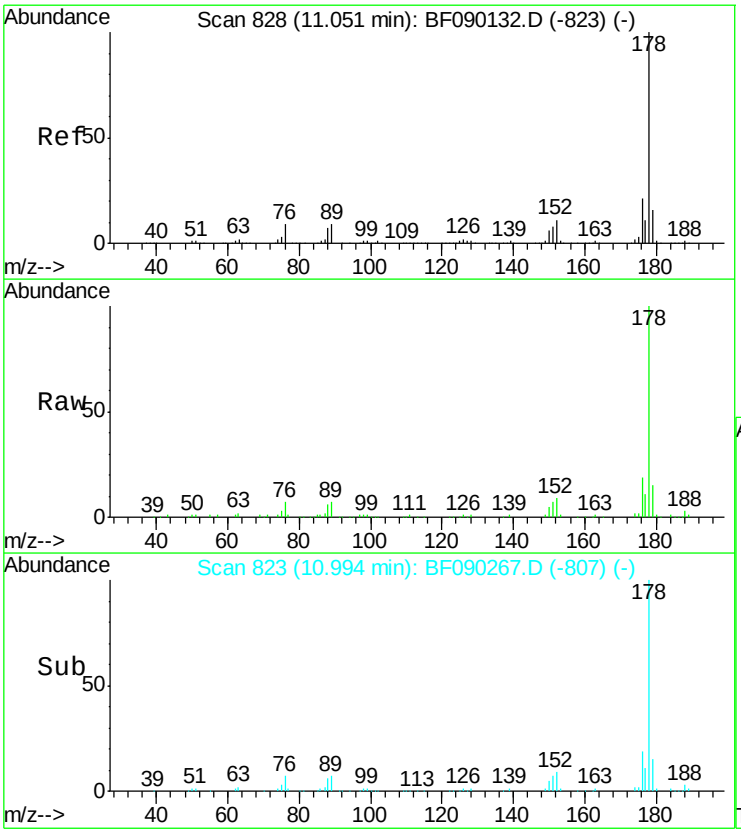
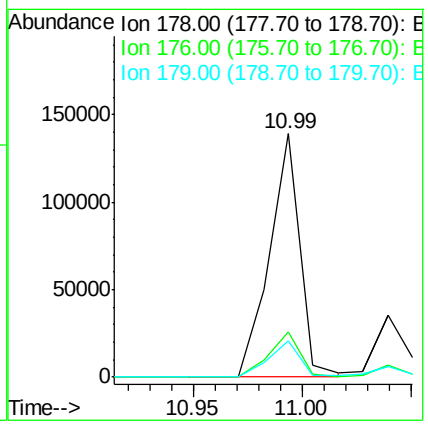
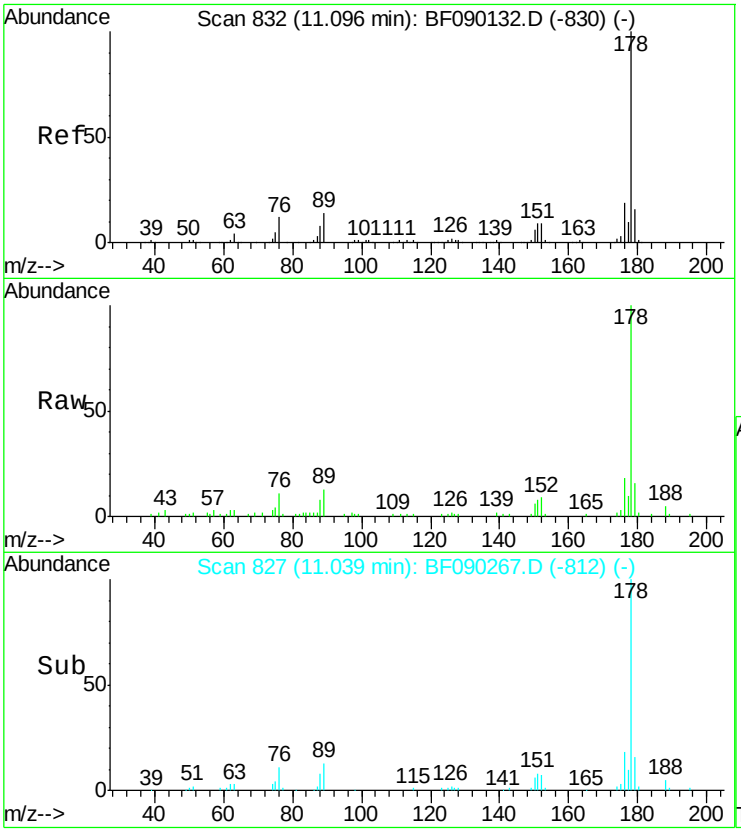


#70
Phenanthrene
Concen: 7.52 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:178 Resp: 136463

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.9	23.9
179	14.6	12.9	19.3

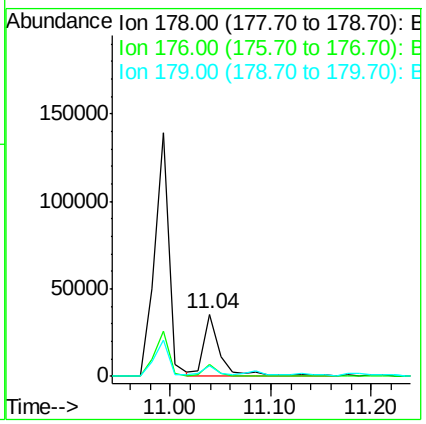




#71
Anthracene
Concen: 2.12 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.02 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:178 Resp: 40424

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.6
179	16.5	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
S-3-2-LOC-3(10-15)

Manual Integrations APPROVED
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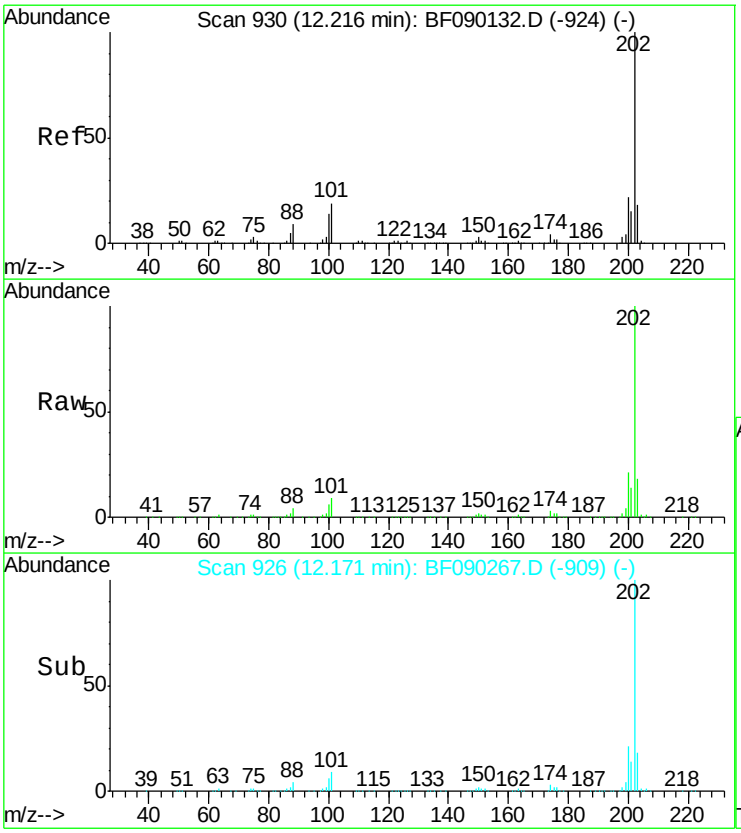
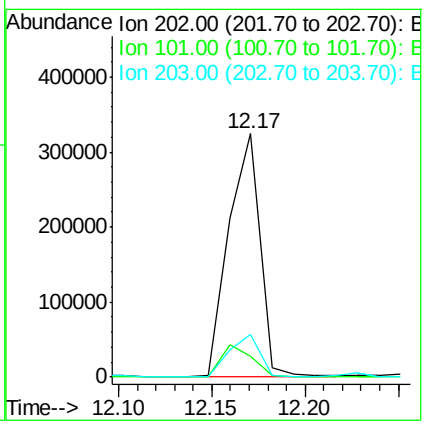
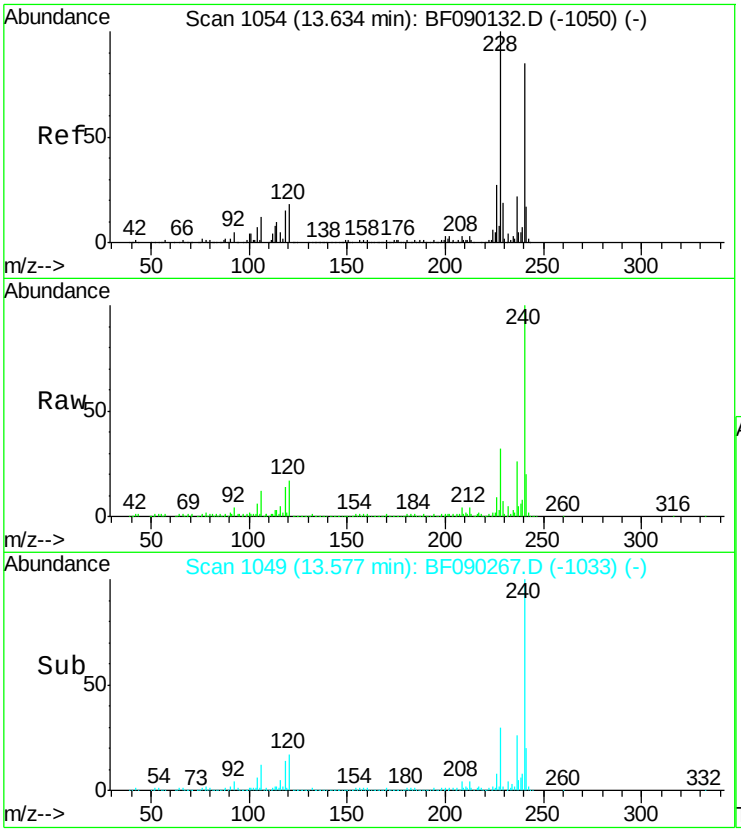


#74
Fluoranthene
Concen: 19.69 ng
RT: 12.17 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:202 Resp: 383735

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	36.1
203	17.5	0.0	38.2

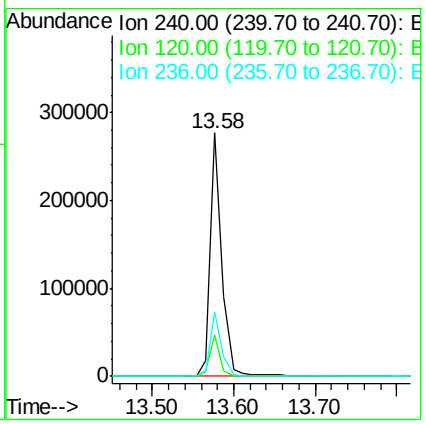




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:240 Resp: 280030

Ion	Ratio	Lower	Upper
240	100		
120	17.1	10.6	16.0#
236	26.4	21.6	32.4



Instrument :
BNA_F
ClientSampleId :
S-3-2-LOC-3(10-15)

Manual Integrations APPROVED
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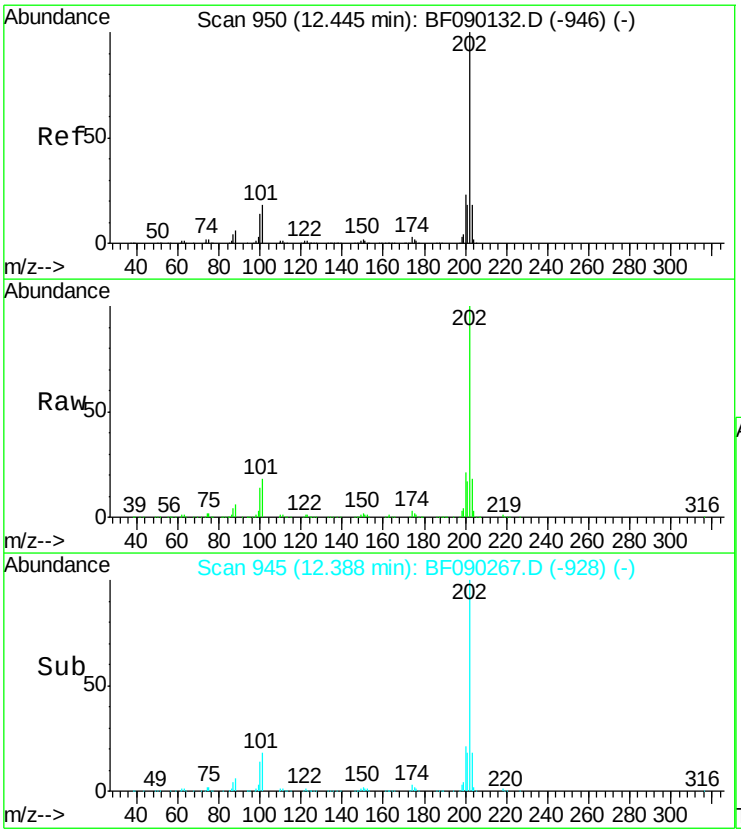
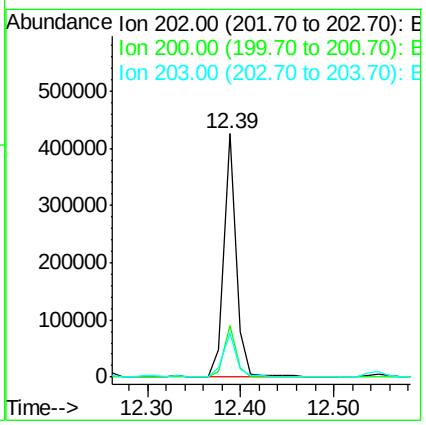
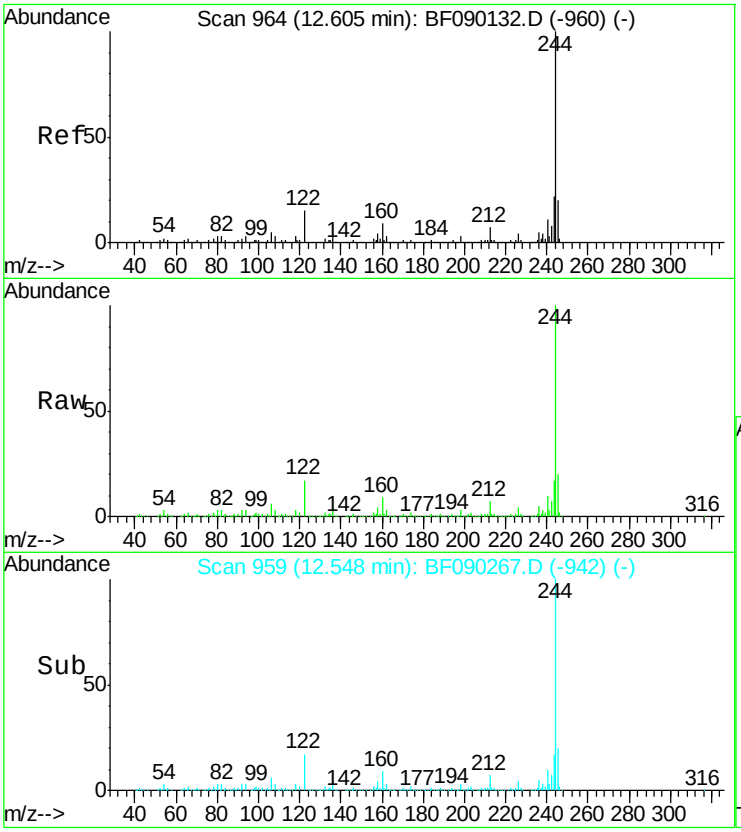


#77
Pyrene
Concen: 20.09 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:202 Resp: 384989

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.9	26.9
203	18.0	14.2	21.4

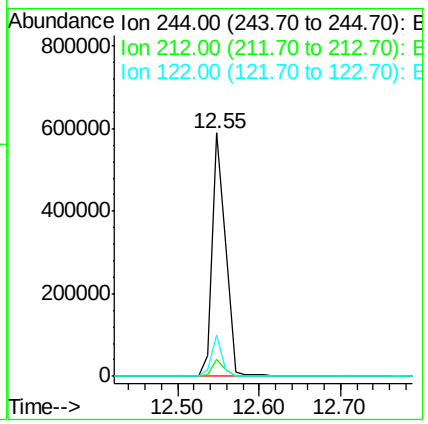




#78
Terphenyl-d14
Concen: 61.86 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:244 Resp: 682349

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	17.1	9.4	14.0#



Instrument :
BNA_F
ClientSampleId :
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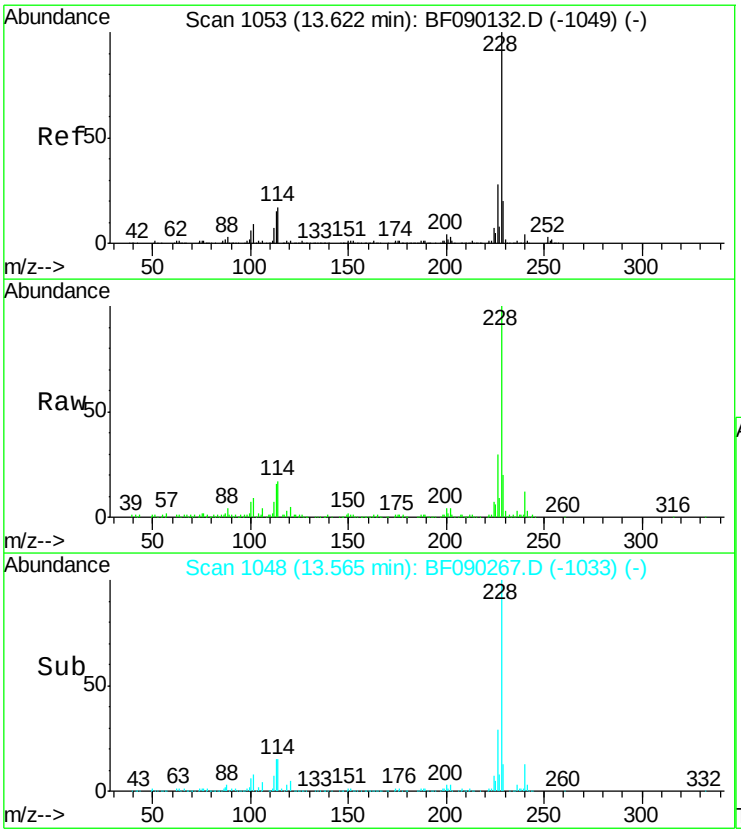
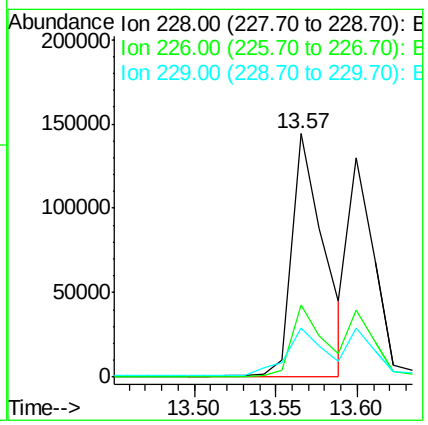
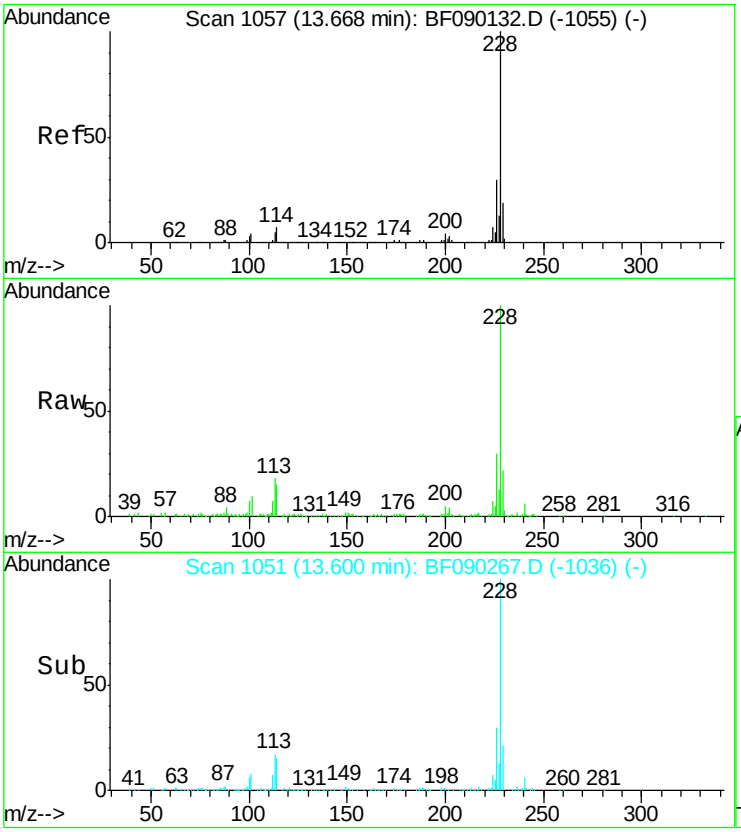


#80
Benzo(a)anthracene
Concen: 13.23 ng
RT: 13.57 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:228 Resp: 199354

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.0	33.0
229	20.2	16.2	24.2

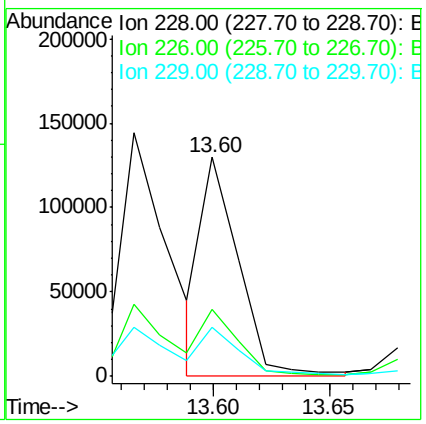




#82
Chrysene
Concen: 10.00 ng m
RT: 13.60 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:228 Resp: 146773

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	22.2	16.2	24.4



Instrument :
BNA_F
ClientSampleId :
S-3-2-LOC-3(10-15)

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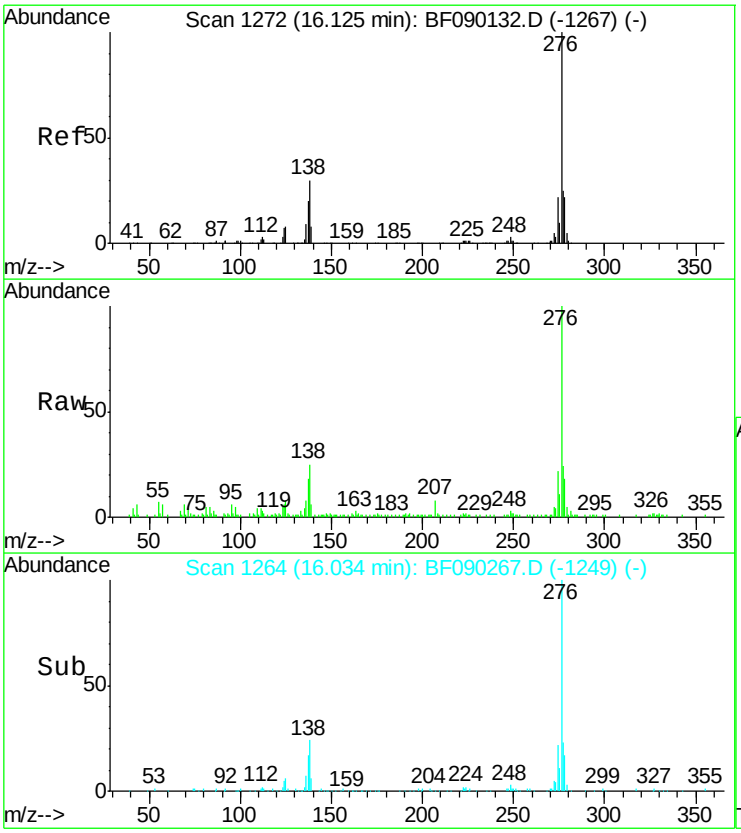
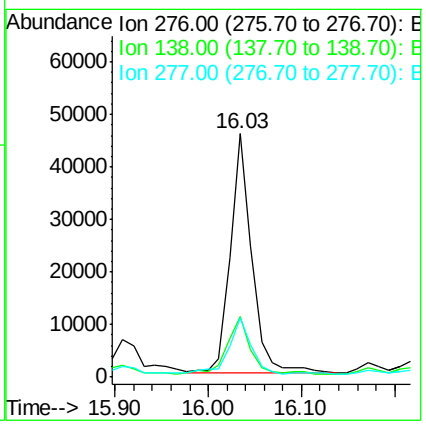
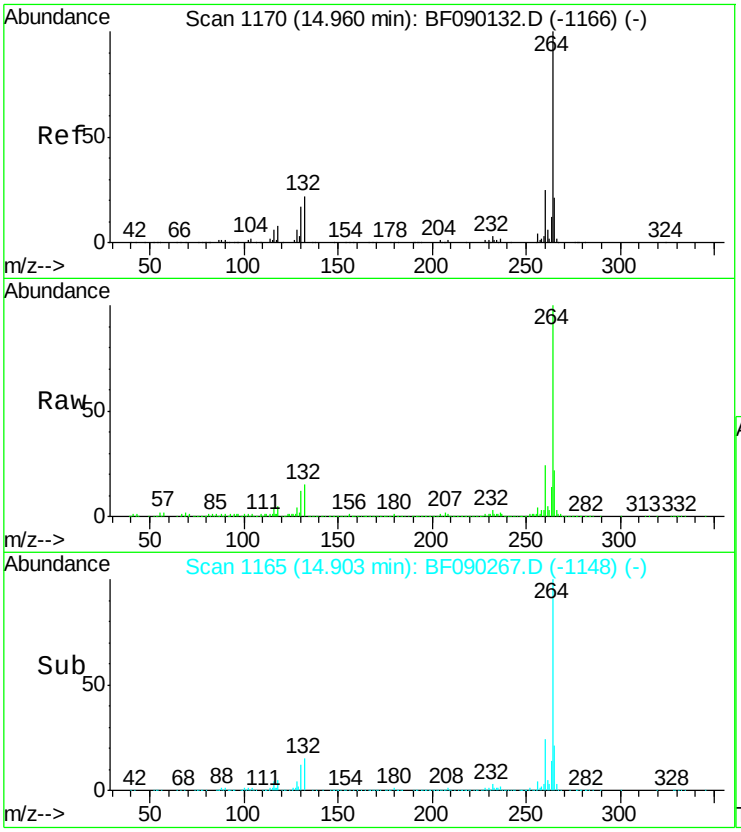


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.23 ng
RT: 16.03 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:276 Resp: 73941

Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.9	38.9#
277	24.7	19.9	29.9

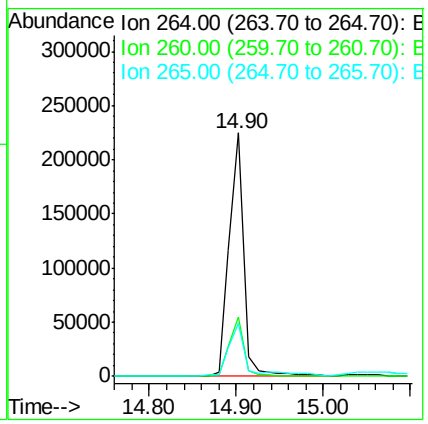




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:264 Resp: 263197

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.6	17.0	25.4



Instrument :
BNA_F
ClientSampleId :
S-3-2-LOC-3(10-15)

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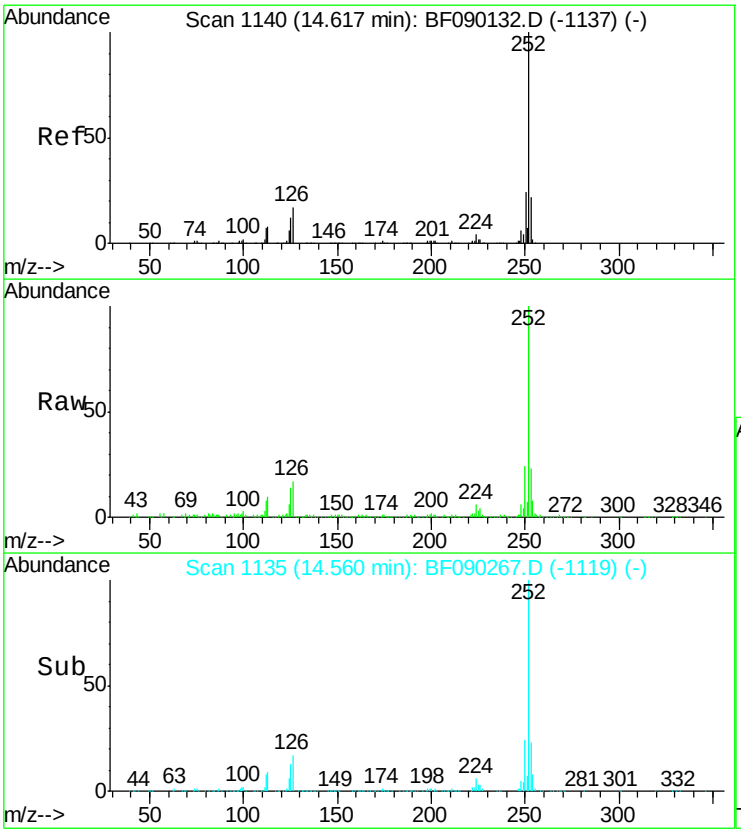
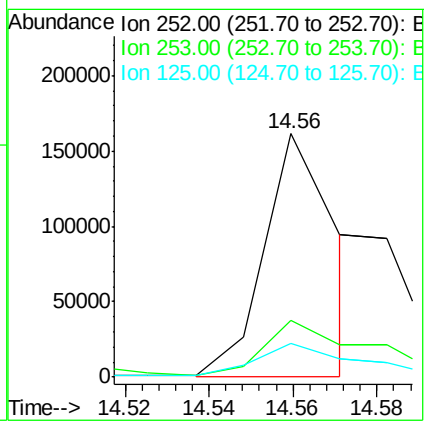
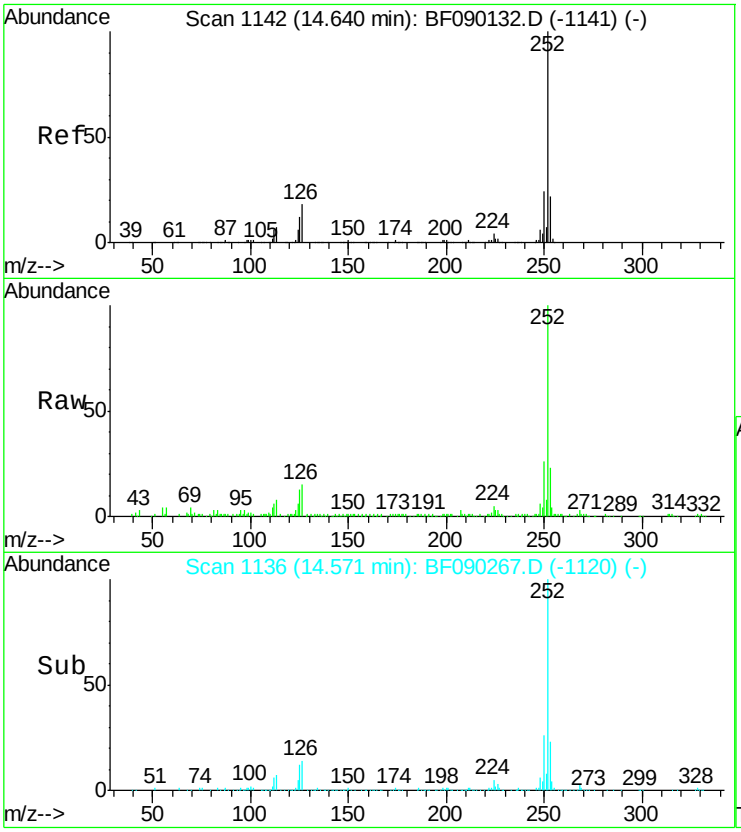


#87
Benzo(b)fluoranthene
Concen: 13.31 ng m
RT: 14.56 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:252 Resp: 193951

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	13.9	12.7	19.1

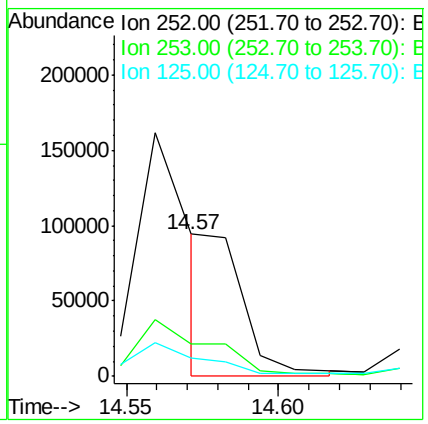




#88
Benzo(k)fluoranthene
Concen: 5.69 ng m
RT: 14.57 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:252 Resp: 77842

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	13.1	7.8	11.6#



Instrument :
BNA_F
ClientSampleId :
S-3-2-LOC-3(10-15)

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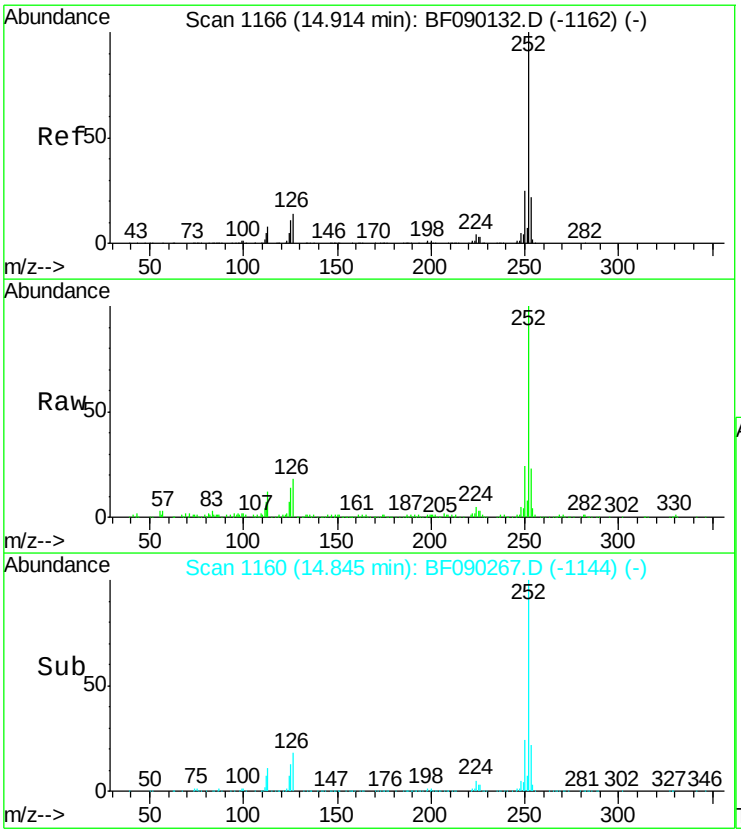
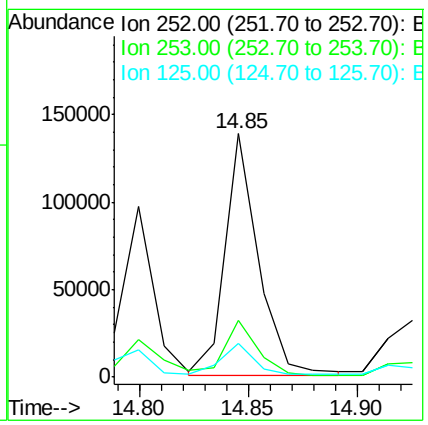
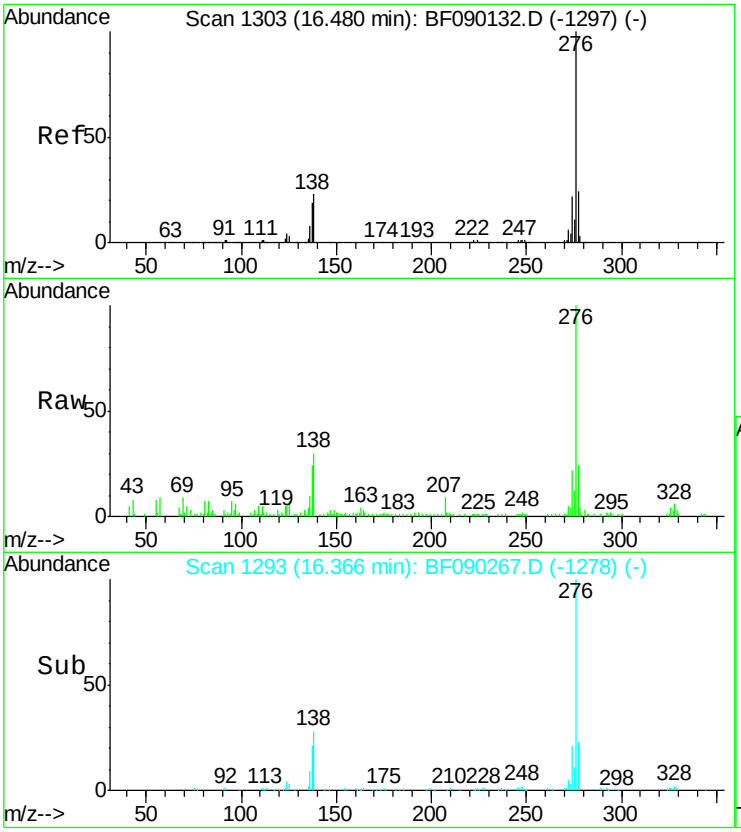


#89
Benzo(a)pyrene
Concen: 10.65 ng
RT: 14.85 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:252 Resp: 145985

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	14.0	7.7	11.5#

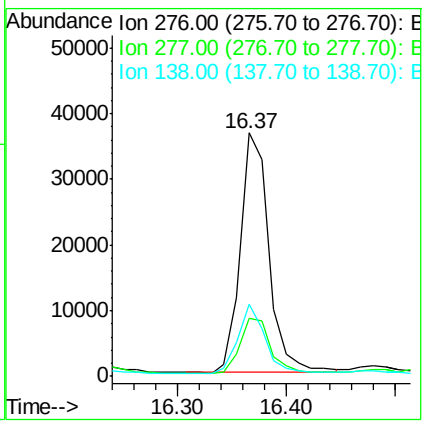




#91
Benzo(g,h,i)perylene
Concen: 6.36 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF090267.D
Acq: 27 Sep 2016 22:16

Tgt Ion:276 Resp: 66631

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	29.7	23.3	34.9



Instrument :
BNA_F
ClientSampleId :
S-3-2-LOC-3(10-15)

Manual Integrations APPROVED
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