Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092816\
Data File : BF090277.D
Acq On : 28 Sep 2016 13:44
Operator : UM/SJ
Sample : H4949-12DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-6-2-LOC-6(10-15)DL

Quant Time: Sep 28 17:36:35 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	6.47	152	126818	20.00	ng		-0.01
21) Naphthalene-d8	7.76	136	499336	20.00	ng		-0.01
38) Acenaphthene-d10	9.50	164	274568	20.00	ng		-0.01
63) Phenanthrene-d10	10.97	188	434741	20.00	ng		-0.01
75) Chrysene-d12	13.58	240	268801	20.00	ng		-0.02
86) Perylene-d12	14.90	264	266631	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	82212	10.57	ng		0.00
7) Phenol-d6	6.12	99	123408	12.84	ng		-0.01
23) Nitrobenzene-d5	7.04	82	65133	7.56	ng		-0.02
41) 2,4,6-Tribromophenol	10.28	330	26593	11.29	ng		-0.01
44) 2-Fluorobiphenyl	8.83	172	127071	9.09	ng		-0.02
78) Terphenyl-d14	12.55	244	100458	9.49	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	9.24	163	37369	2.14	ng		99
51) Acenaphthene	9.53	154	95190	6.81	ng		99
54) Dibenzofuran	9.70	168	110139	5.99	ng		98
57) Fluorene	10.04	166	158589	11.45	ng		99
70) Phenanthrene	10.99	178	781574	38.44	ng		99
71) Anthracene	11.04	178	289155	13.56	ng		99
72) Carbazole	11.21	167	57971	2.57	ng		98
74) Fluoranthene	12.17	202	767114	35.15	ng		95
77) Pyrene	12.39	202	557028	30.28	ng		96
80) Benzo(a)anthracene	13.57	228	245110	16.95	ng		98
82) Chrysene	13.60	228	192601m	13.67	ng		
85) Indeno(1,2,3-cd)pyrene	16.03	276	81634	7.17	ng		90
87) Benzo(b)fluoranthene	14.56	252	185404m	12.56	ng		
88) Benzo(k)fluoranthene	14.57	252	87923m	6.35	ng		
89) Benzo(a)pyrene	14.85	252	165339	11.90	ng	#	93
91) Benzo(g,h,i)perylene	16.38	276	66920	6.31	ng		93

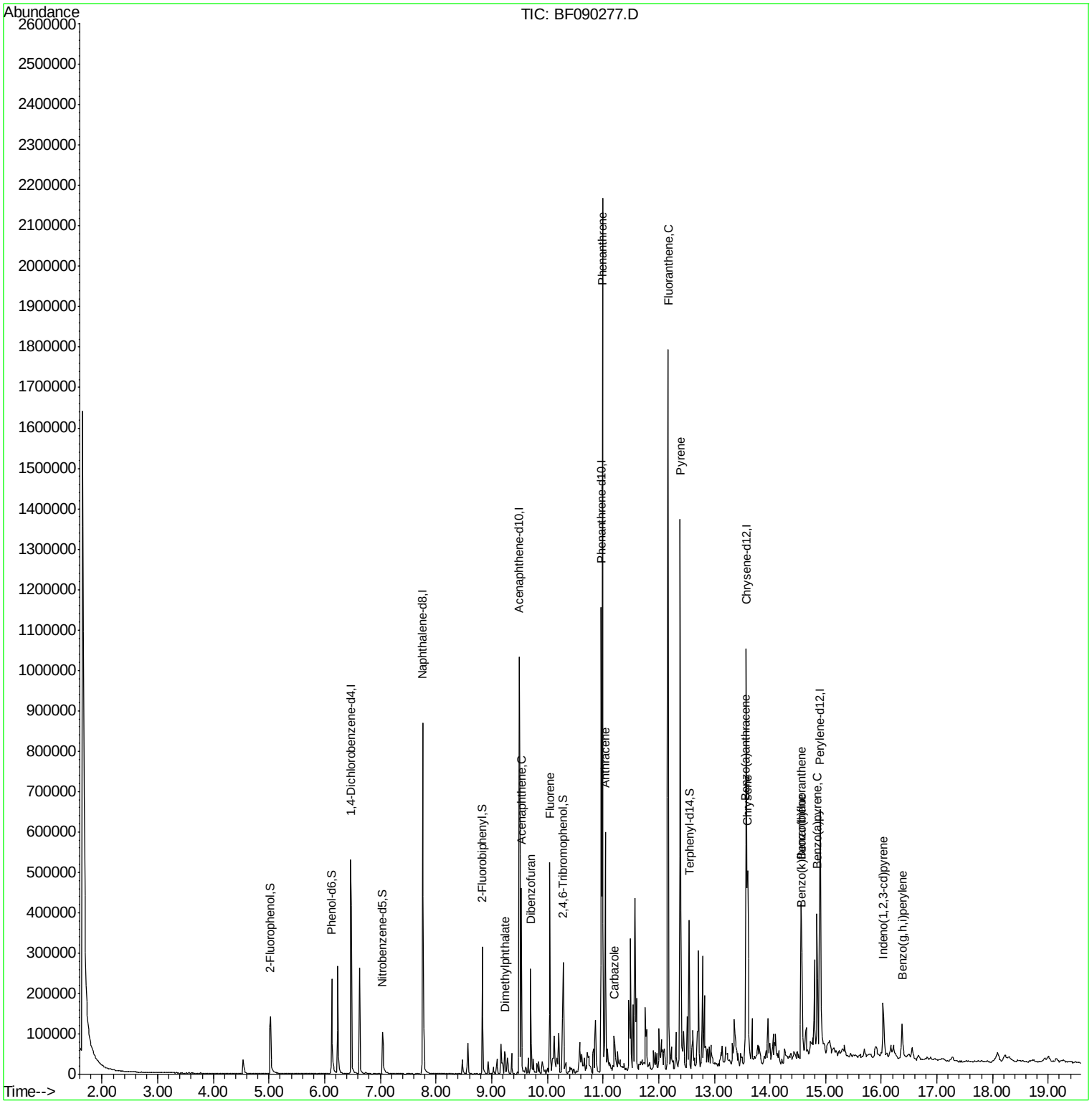
(#) = qualifier out of range (m) = manual integration (+) = signals summed

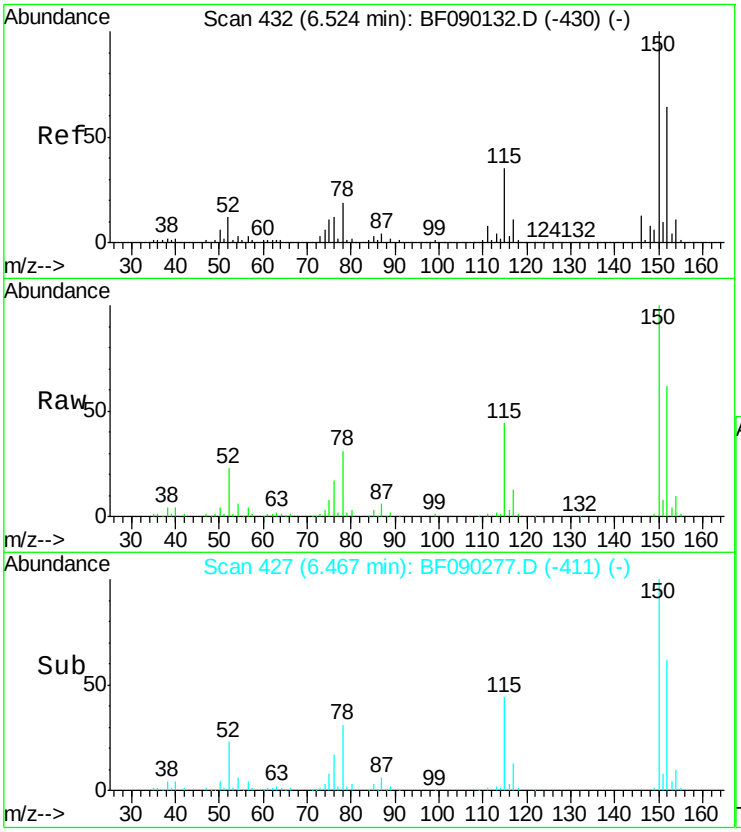
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092816\
Data File : BF090277.D
Acq On : 28 Sep 2016 13:44
Operator : UM/SJ
Sample : H4949-12DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-6-2-LOC-6(10-15)DL

Quant Time: Sep 28 17:36:35 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



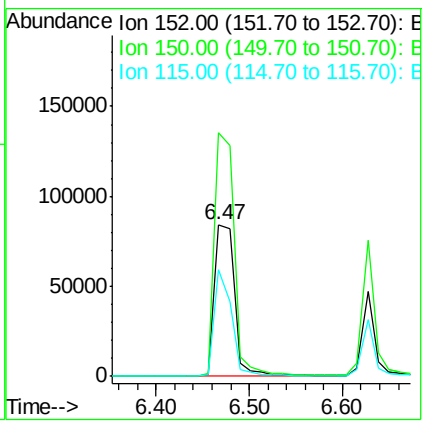


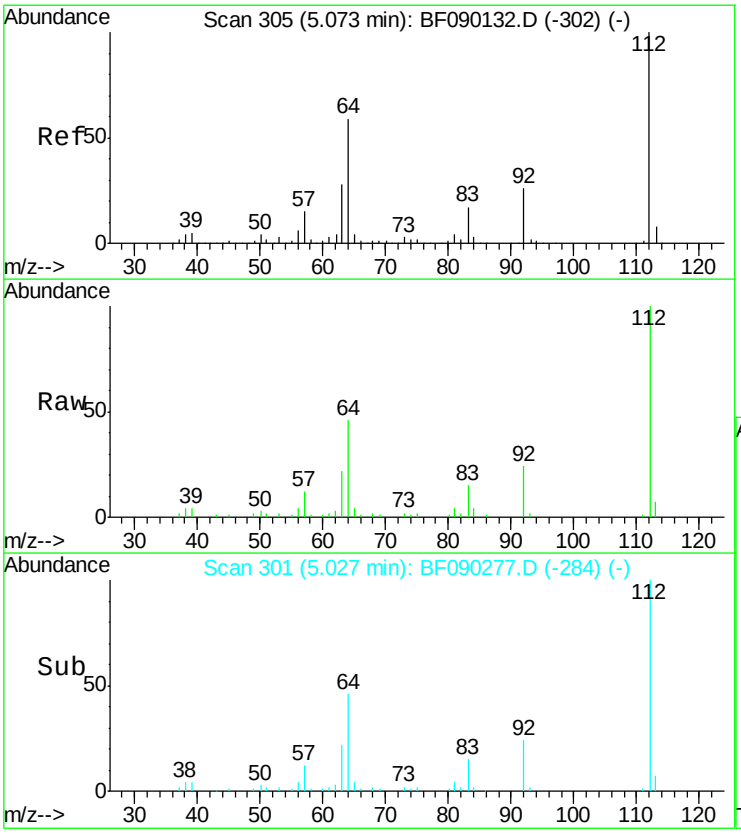
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Instrument :
BNA_F
ClientSampleId :
S-6-2-LOC-6(10-15)DL

Tgt Ion:152 Resp: 126818

Ion	Ratio	Lower	Upper
152	100		
150	160.7	128.9	193.3
115	70.8	55.5	83.3

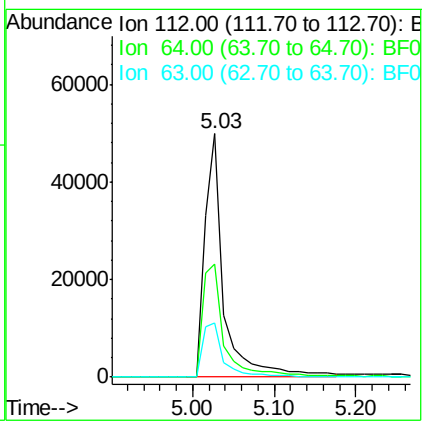


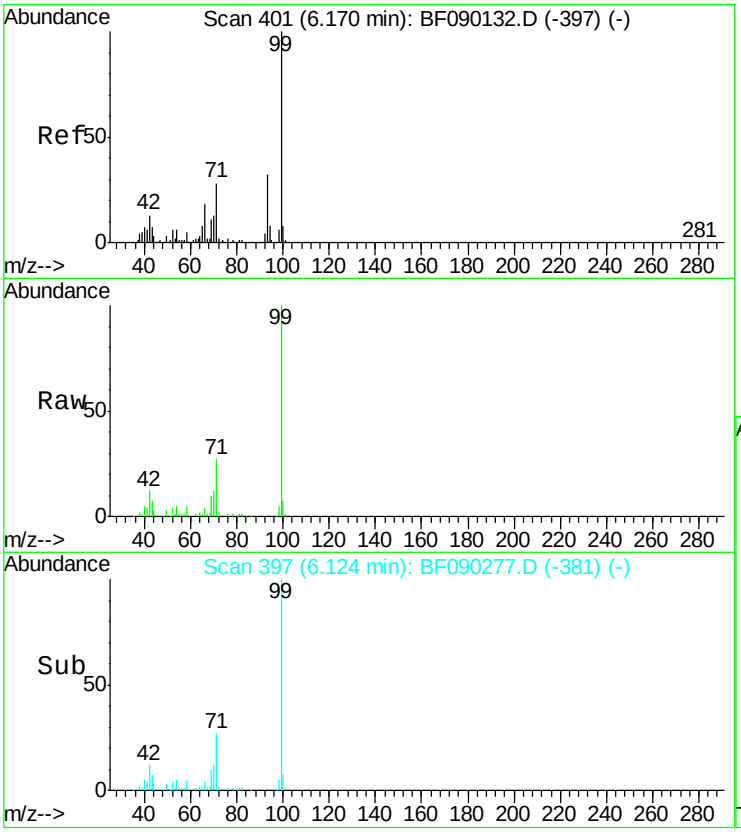


#5
2-Fluorophenol
Concen: 10.57 ng
RT: 5.03 min Scan# 301
Delta R.T. -0.00 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Tgt Ion:112 Resp: 82212

Ion	Ratio	Lower	Upper
112	100		
64	46.2	39.8	59.6
63	22.1	18.9	28.3



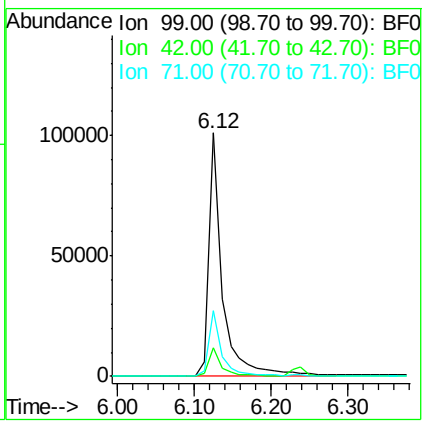


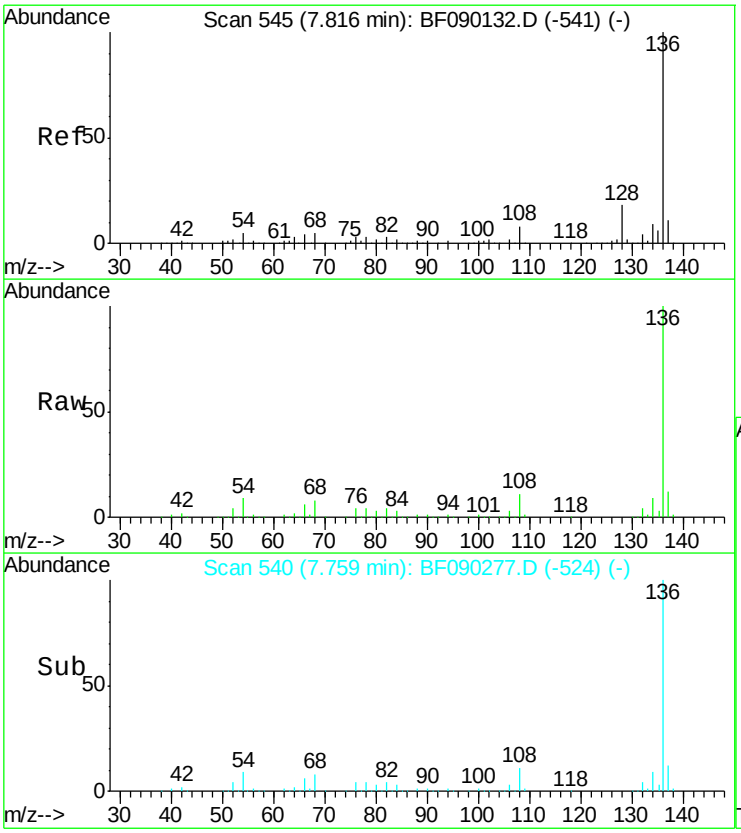
#7
Phenol-d6
Concen: 12.84 ng
RT: 6.12 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Instrument :
BNA_F
ClientSampleId :
S-6-2-LOC-6(10-15)DL

Tgt Ion: 99 Resp: 123408

Ion	Ratio	Lower	Upper
99	100		
42	12.0	10.6	15.8
71	26.8	23.0	34.6

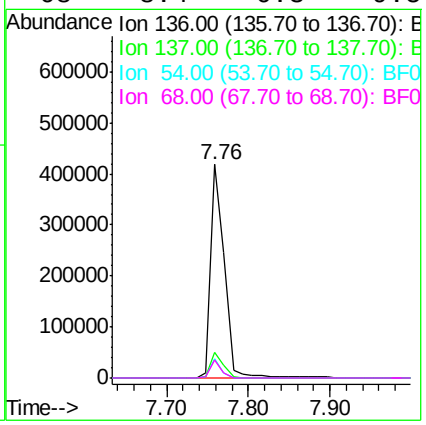


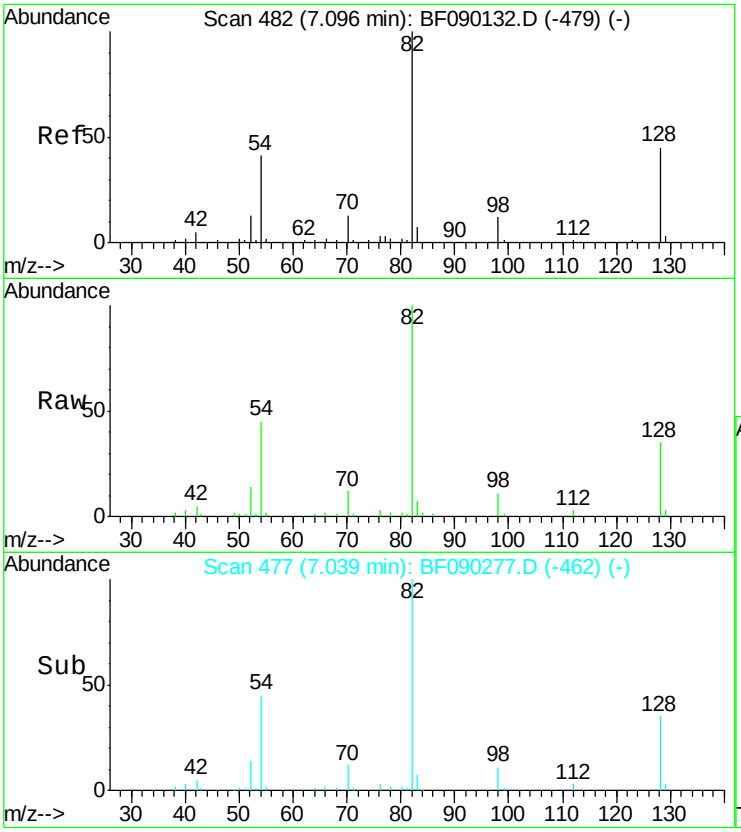


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Tgt Ion:136 Resp: 499336

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.4
54	9.0	6.4	9.6
68	8.4	6.3	9.5



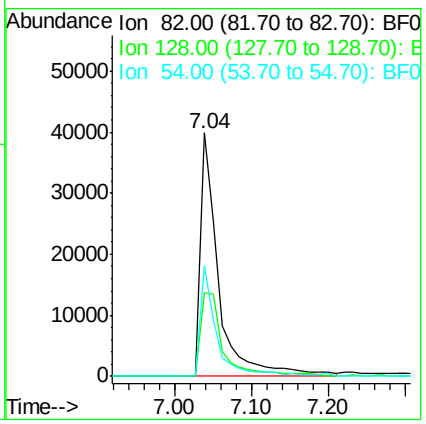


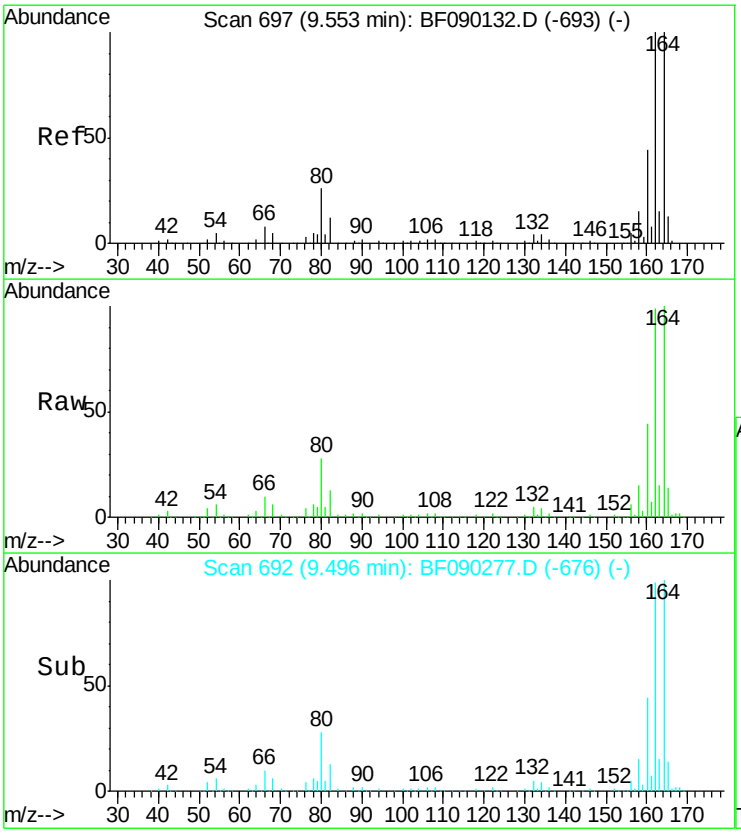
#23
Nitrobenzene-d5
Concen: 7.56 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Instrument :
BNA_F
ClientSampleId :
S-6-2-LOC-6(10-15)DL

Tgt Ion: 82 Resp: 65133

Ion	Ratio	Lower	Upper
82	100		
128	34.5	37.5	56.3#
54	45.5	31.9	47.9

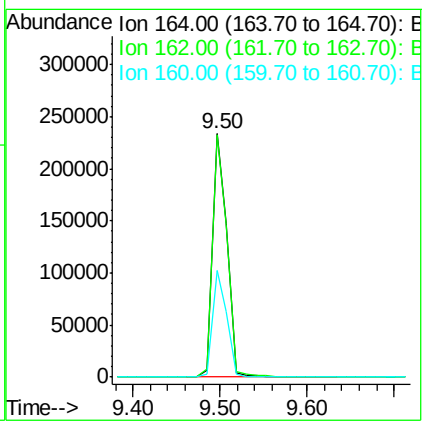


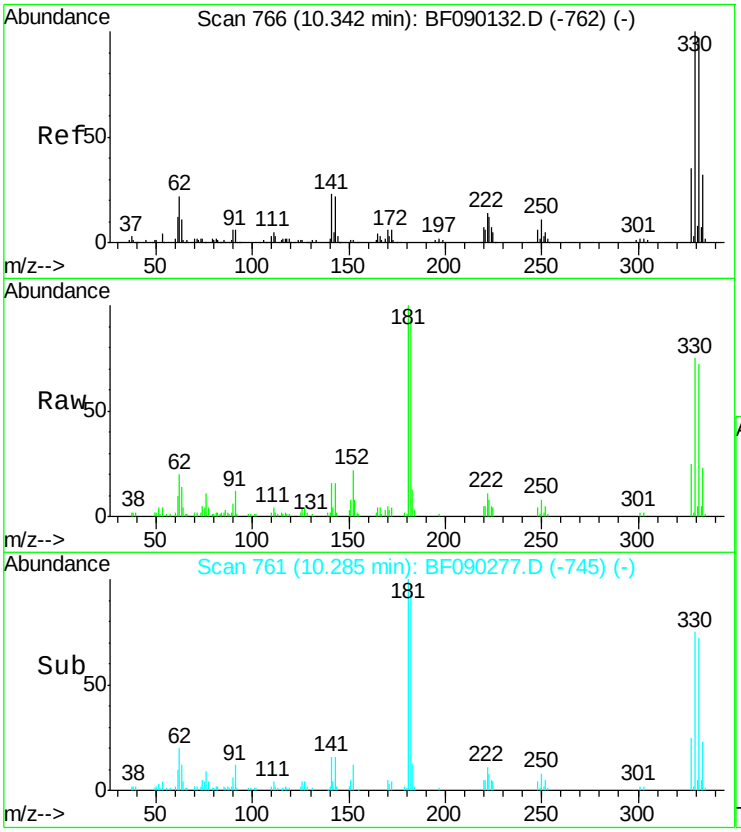


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Tgt Ion:164 Resp: 274568

Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.4	122.2
160	44.0	36.6	54.8



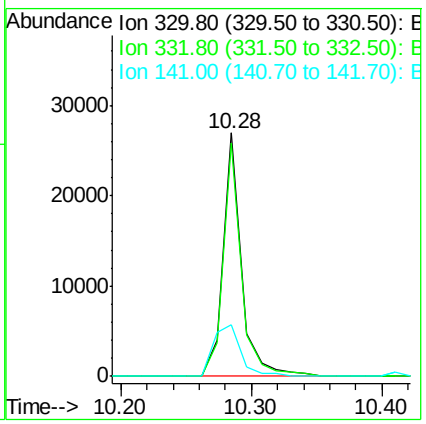


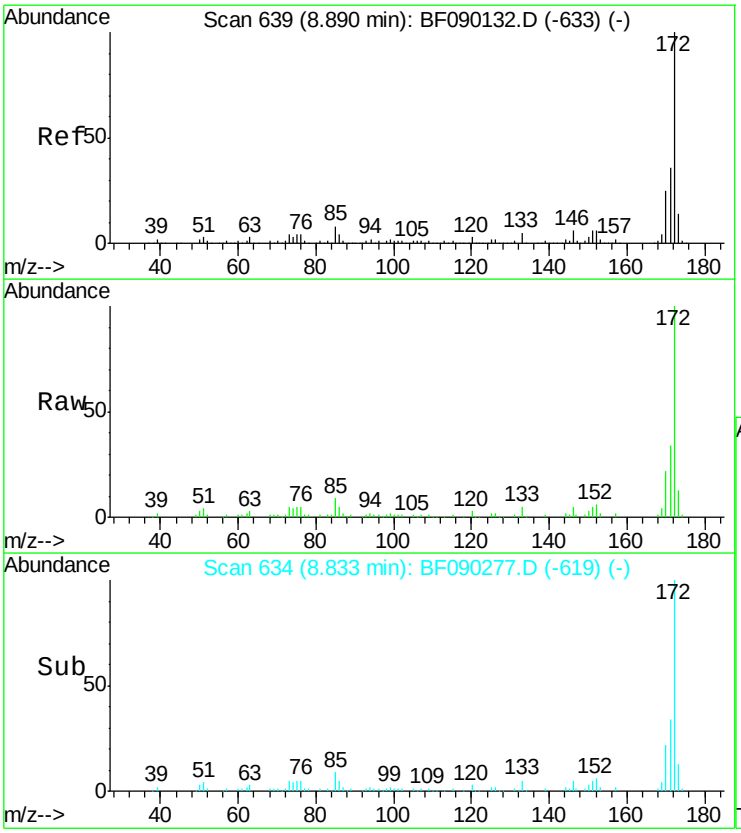
#41
2,4,6-Tribromophenol
Concen: 11.29 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Instrument :
BNA_F
ClientSampleId :
S-6-2-LOC-6(10-15)DL

Tgt Ion:330 Resp: 26593

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.1	117.1
141	31.7	23.9	35.9

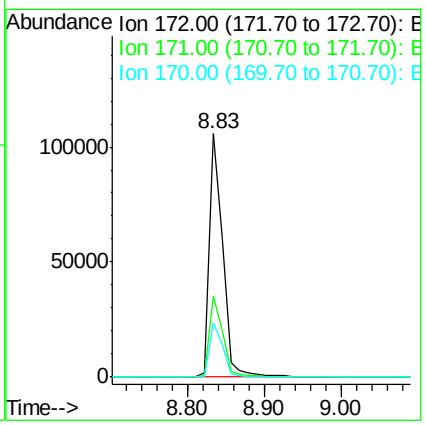


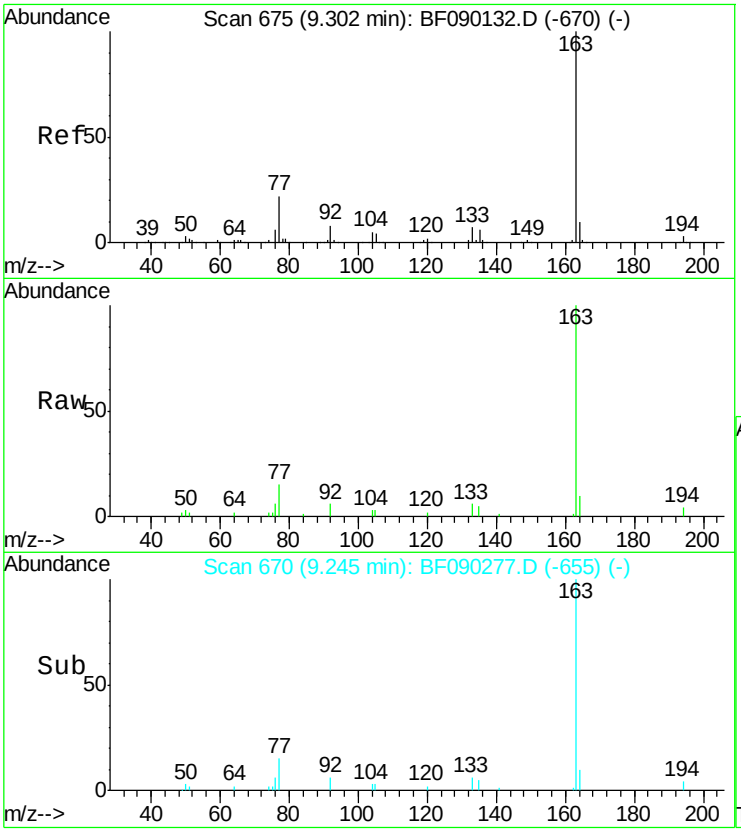


#44
2-Fluorobiphenyl
Concen: 9.09 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Tgt Ion:172 Resp: 127071

Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.2	43.8
170	22.1	19.8	29.8



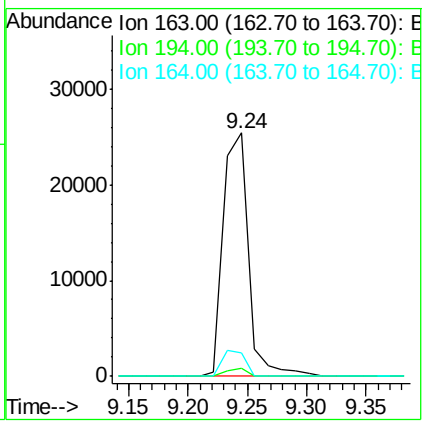


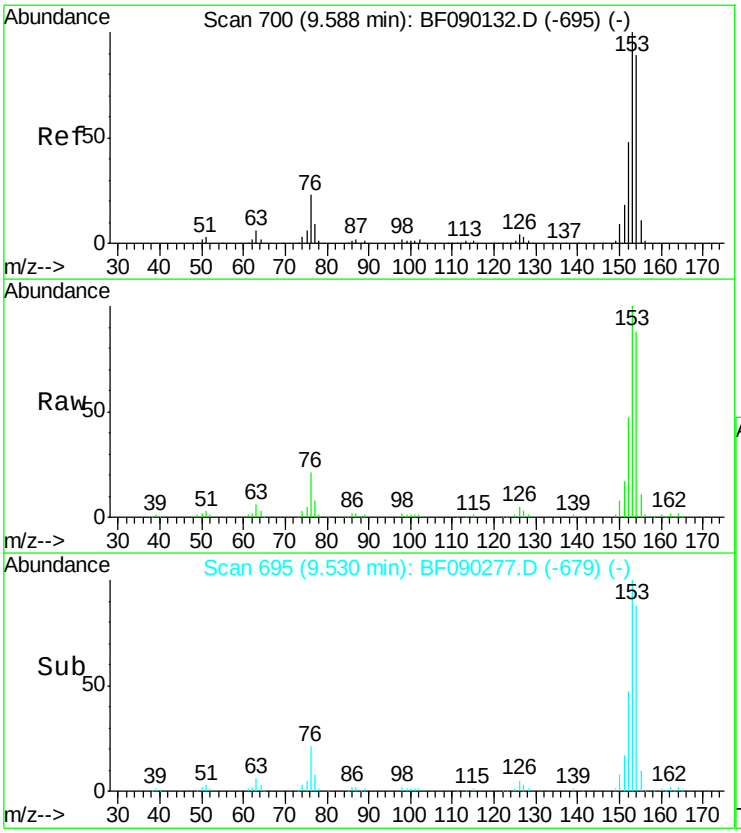
#49
Dimethylphthalate
Concen: 2.14 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Instrument :
BNA_F
ClientSampleId :
S-6-2-LOC-6(10-15)DL

Tgt Ion:163 Resp: 37369

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.8	8.1	12.1

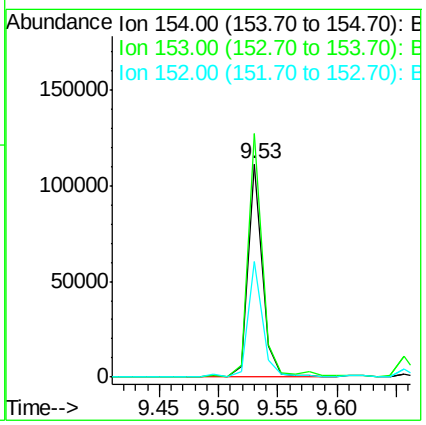


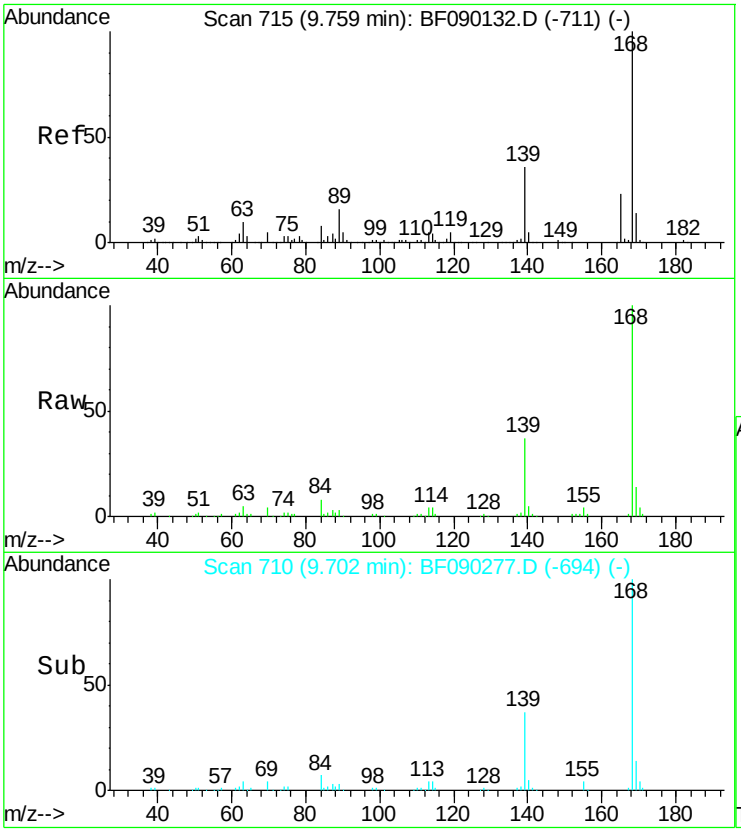


#51
Acenaphthene
Concen: 6.81 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Tgt Ion:154 Resp: 95190

Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.8	136.2
152	54.1	44.2	66.4



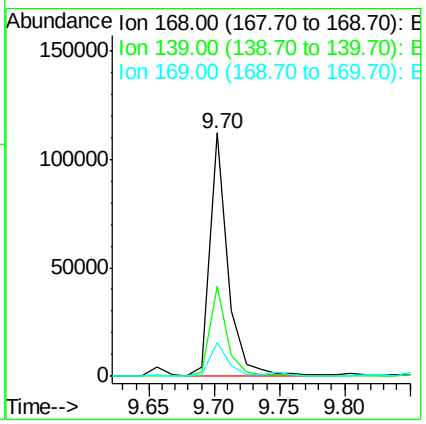


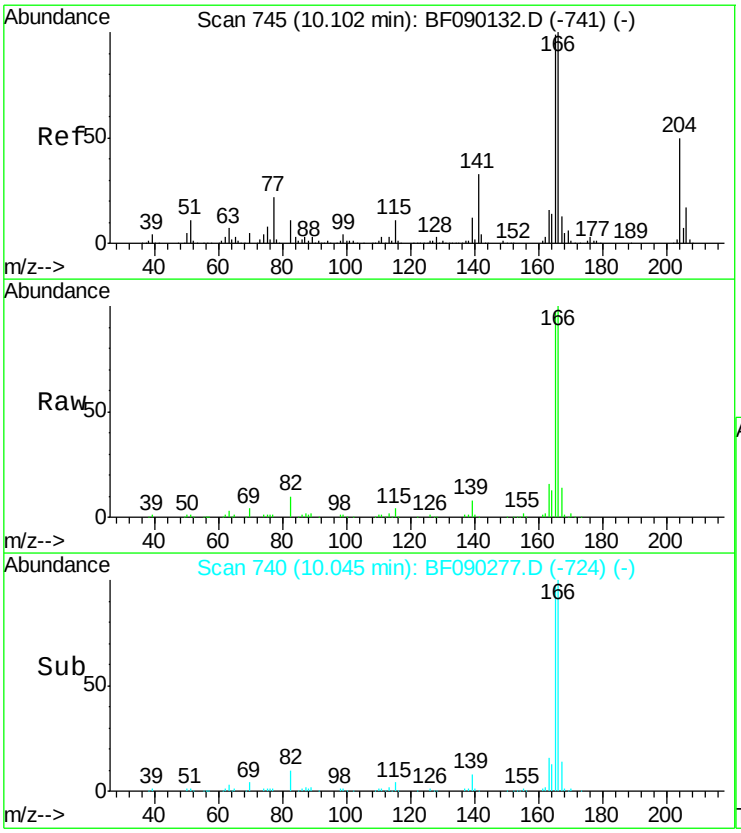
#54
Dibenzofuran
Concen: 5.99 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Instrument :
BNA_F
ClientSampleId :
S-6-2-LOC-6(10-15)DL

Tgt Ion:168 Resp: 110139

Ion	Ratio	Lower	Upper
168	100		
139	37.0	28.8	43.2
169	13.9	10.7	16.1

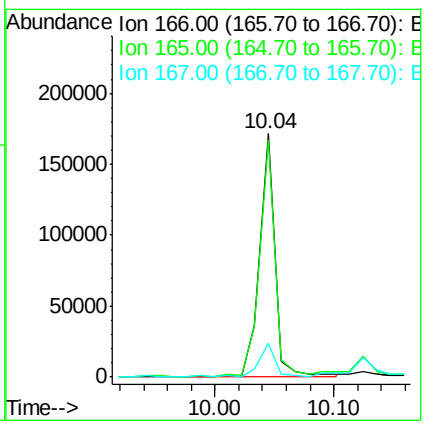


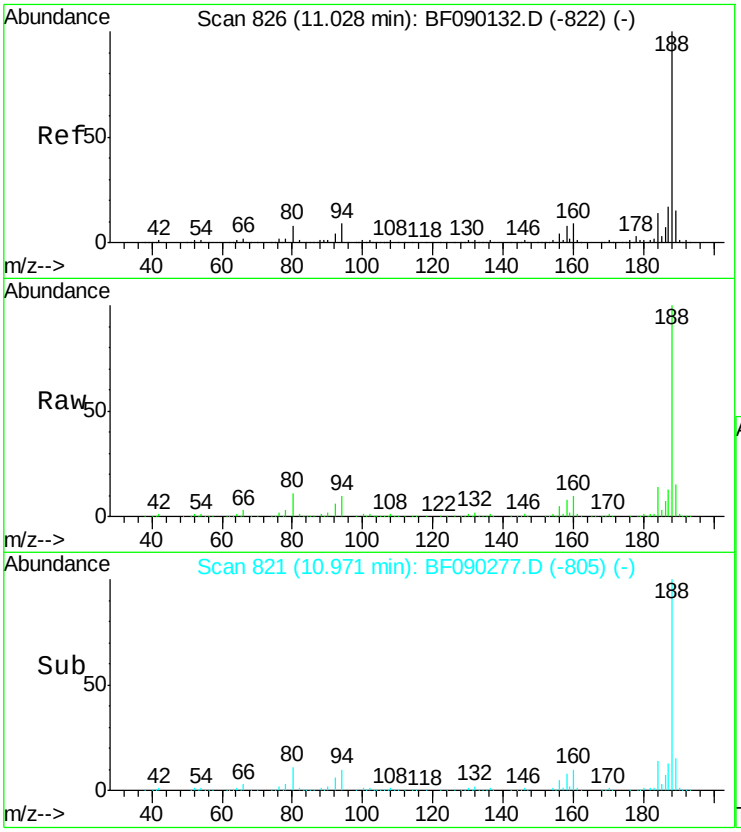


#57
Fluorene
Concen: 11.45 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Tgt Ion:166 Resp: 158589

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.5	117.7
167	13.6	11.2	16.8



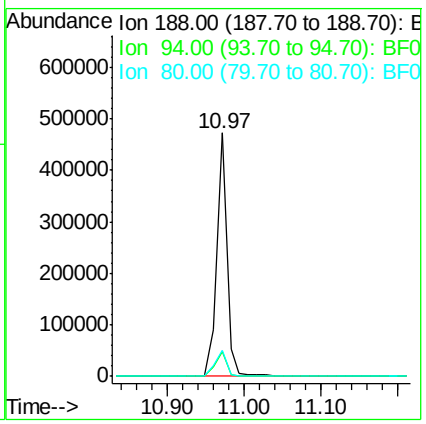


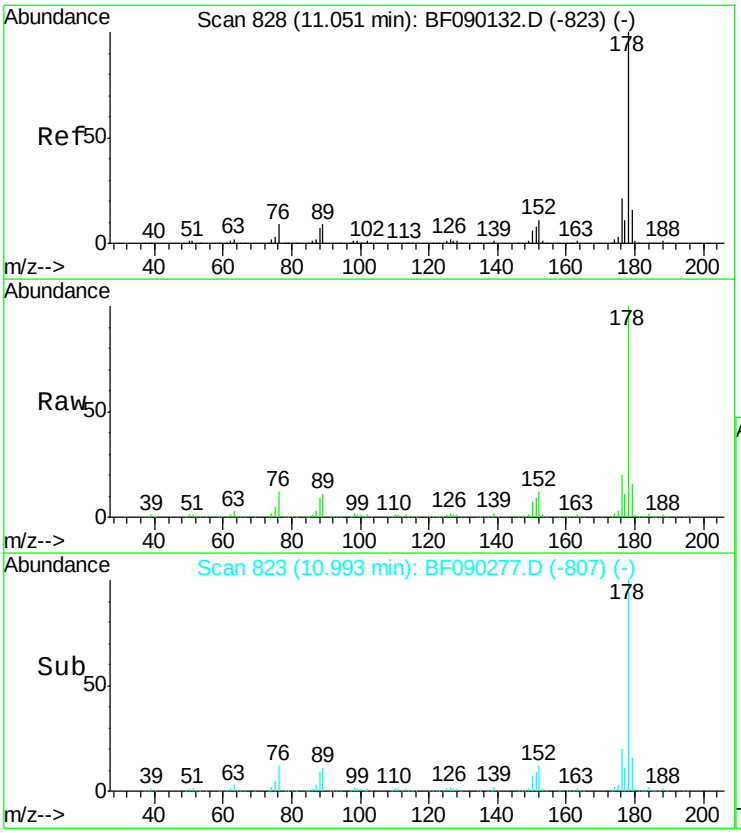
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Instrument :
BNA_F
ClientSampleId :
S-6-2-LOC-6(10-15)DL

Tgt Ion:188 Resp: 434741

Ion	Ratio	Lower	Upper
188	100		
94	10.2	10.5	15.7#
80	10.8	11.2	16.8#

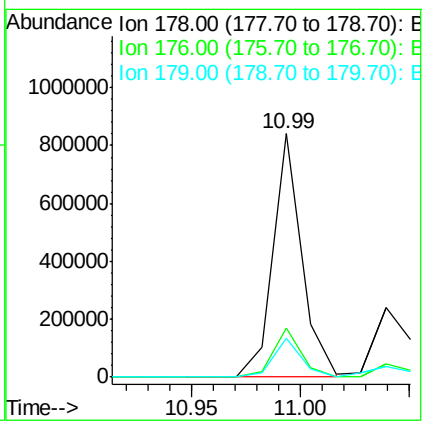


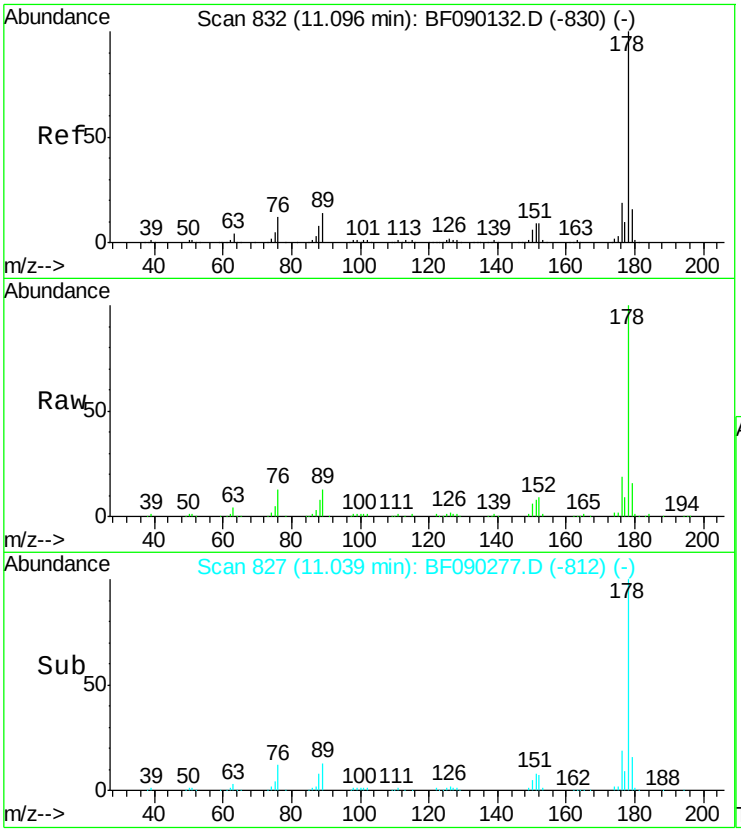


#70
Phenanthrene
Concen: 38.44 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Tgt Ion:178 Resp: 781574

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	15.8	12.9	19.3



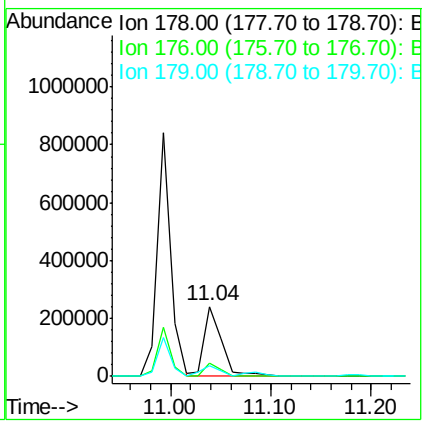


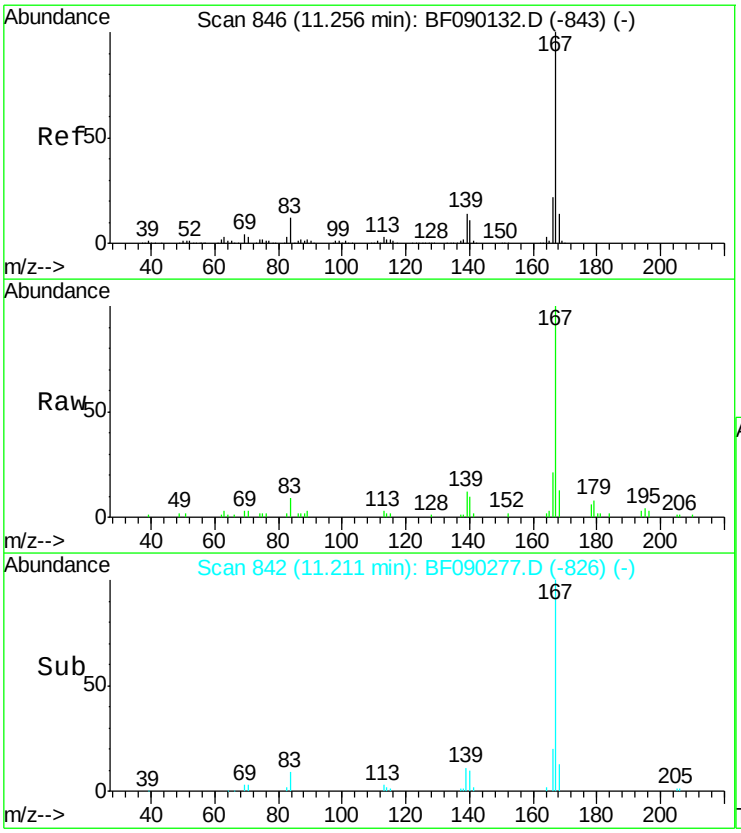
#71
Anthracene
Concen: 13.56 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.02 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Instrument :
BNA_F
ClientSampleId :
S-6-2-LOC-6(10-15)DL

Tgt Ion:178 Resp: 289155

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	16.0	12.6	19.0

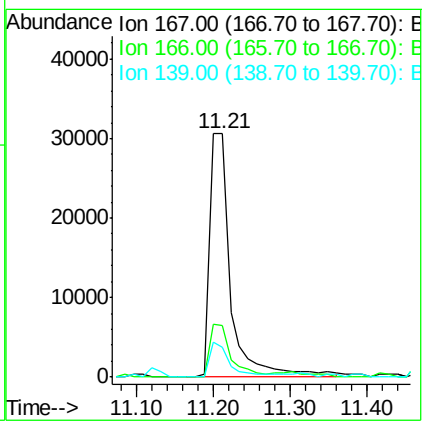


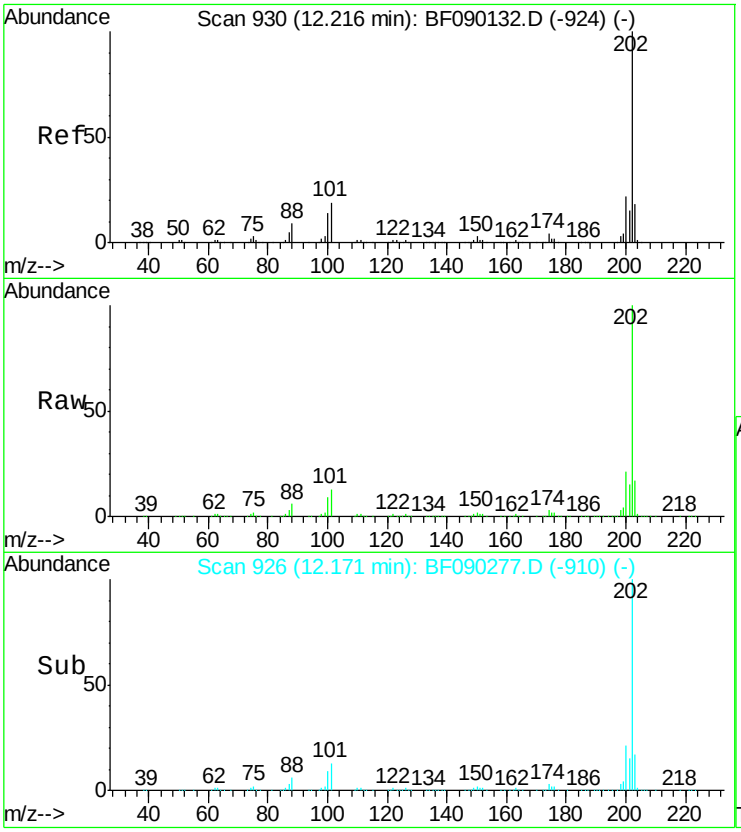


#72
Carbazole
Concen: 2.57 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Tgt Ion:167 Resp: 57971

Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.0	27.0
139	12.4	10.4	15.6



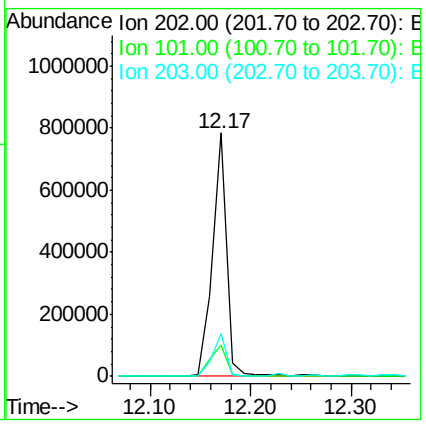


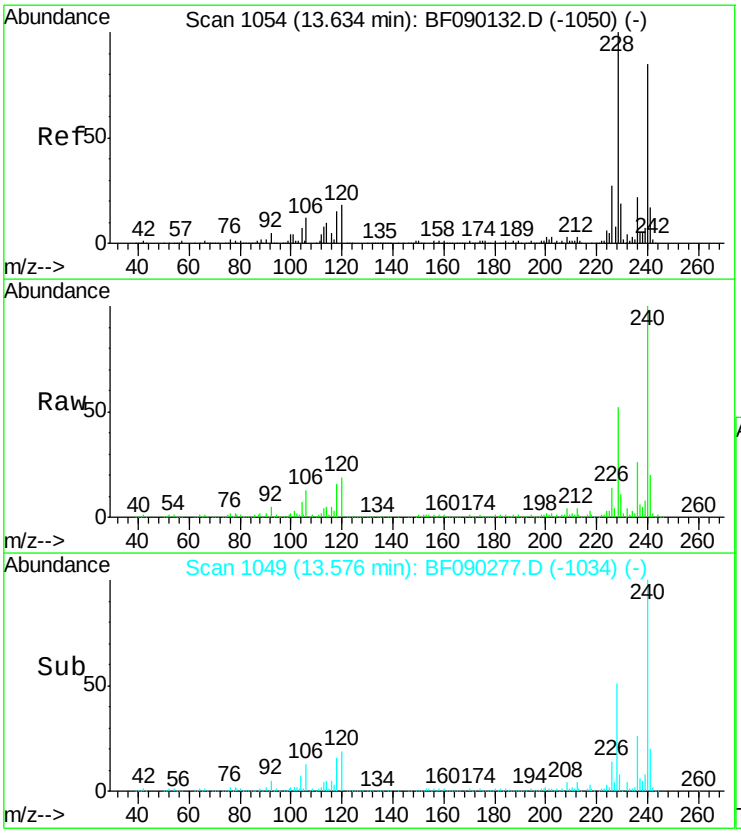
#74
Fluoranthene
Concen: 35.15 ng
RT: 12.17 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Instrument :
BNA_F
ClientSampleId :
S-6-2-LOC-6(10-15)DL

Tgt Ion:202 Resp: 767114

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	36.1
203	17.4	0.0	38.2

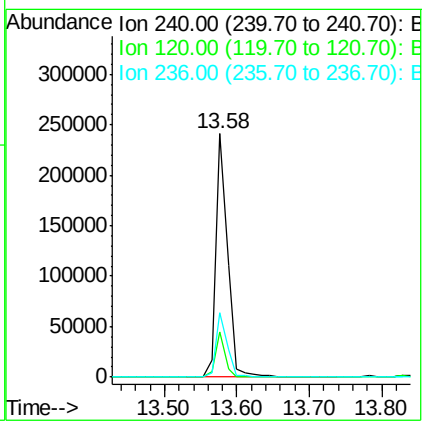


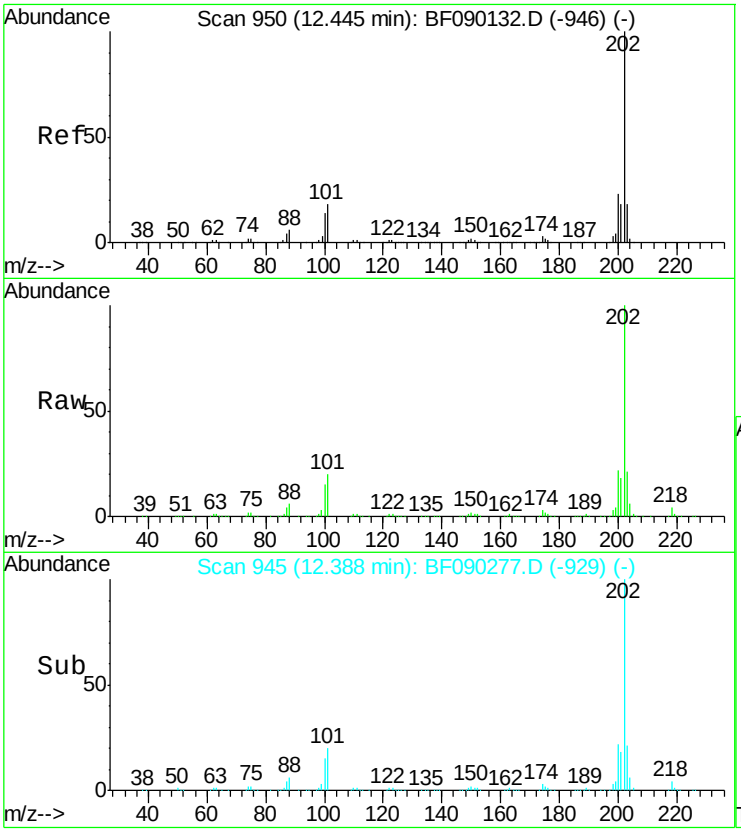


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Tgt Ion:240 Resp: 268801

Ion	Ratio	Lower	Upper
240	100		
120	18.5	10.6	16.0#
236	26.3	21.6	32.4



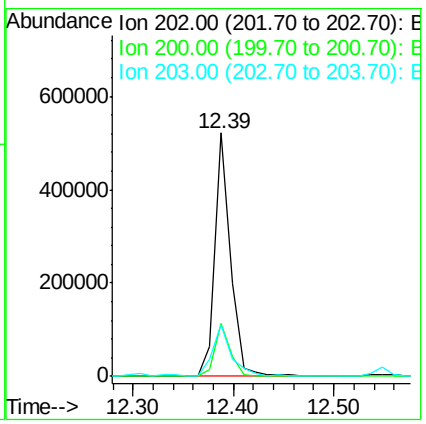


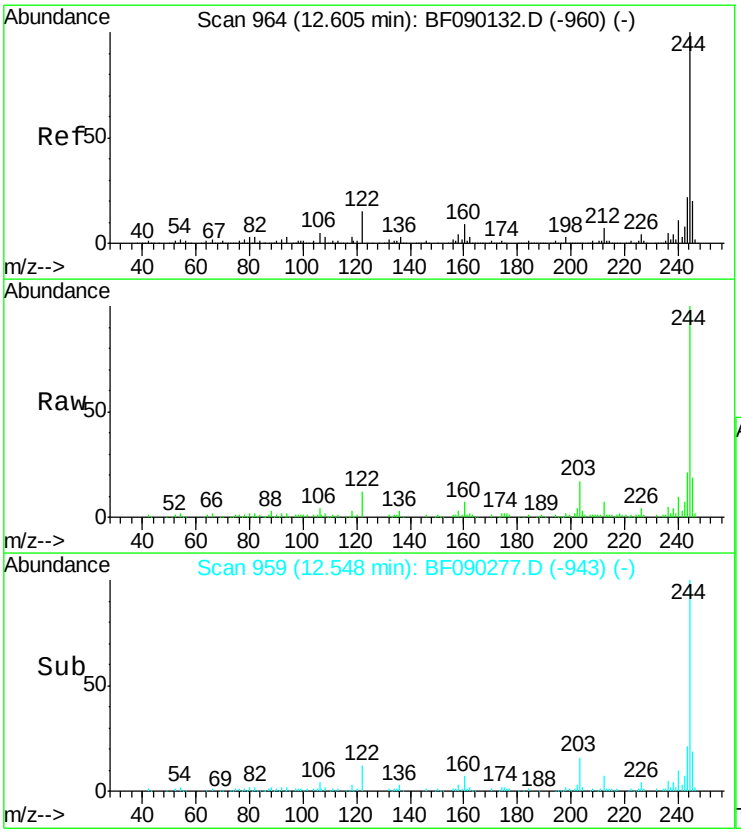
#77
Pyrene
Concen: 30.28 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Instrument :
BNA_F
ClientSampleId :
S-6-2-LOC-6(10-15)DL

Tgt Ion:202 Resp: 557028

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.9	26.9
203	21.3	14.2	21.4

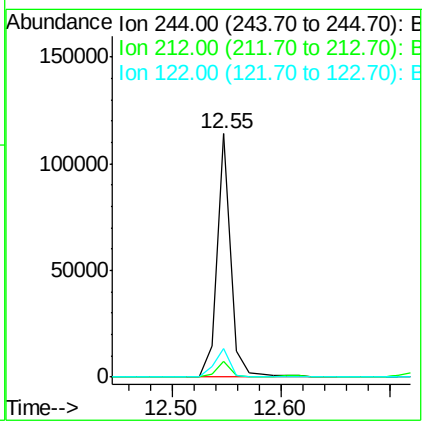


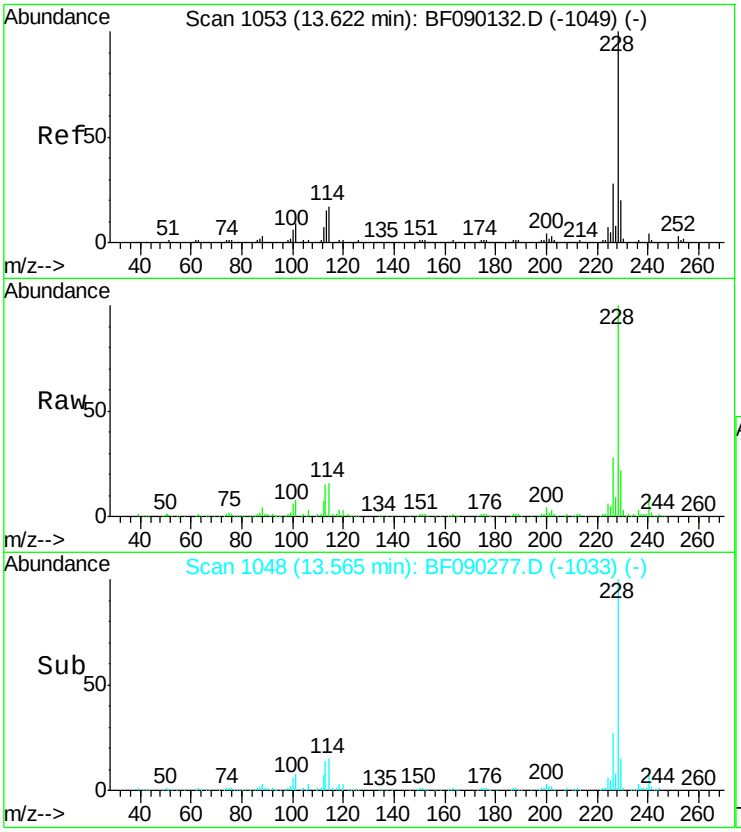


#78
Terphenyl-d14
Concen: 9.49 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Tgt Ion:244 Resp: 100458

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	11.9	9.4	14.0



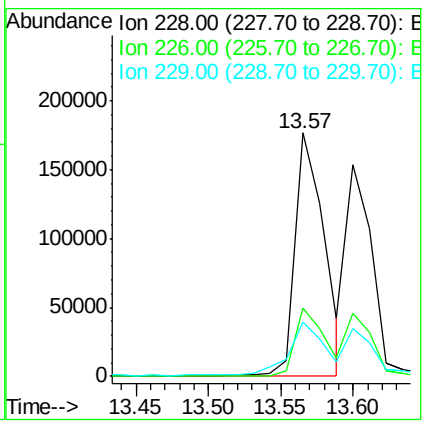


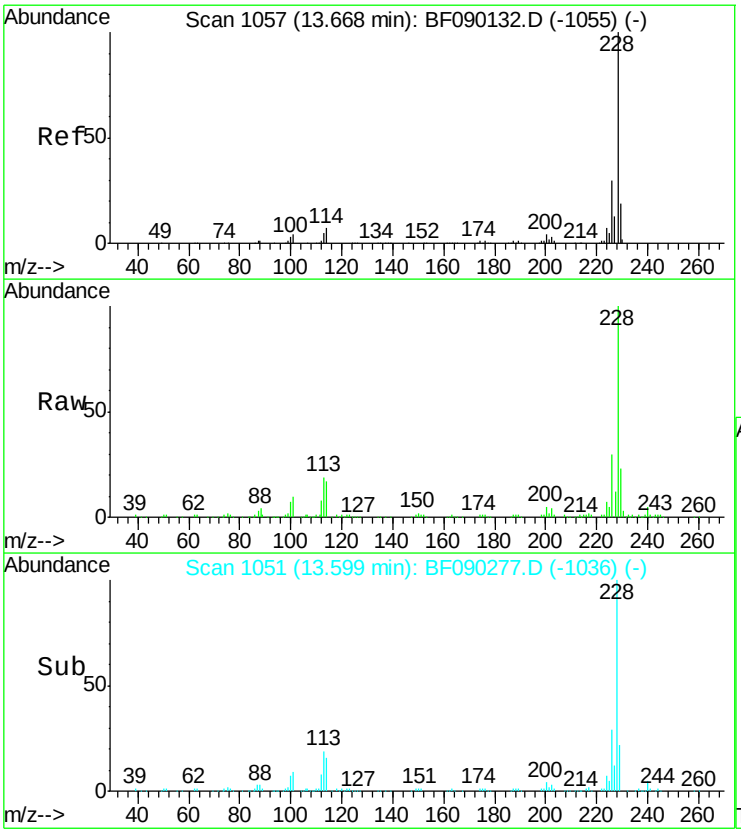
#80
Benzo(a)anthracene
Concen: 16.95 ng
RT: 13.57 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Instrument :
BNA_F
ClientSampleId :
S-6-2-LOC-6(10-15)DL

Tgt Ion:228 Resp: 245110

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.0	33.0
229	22.0	16.2	24.2

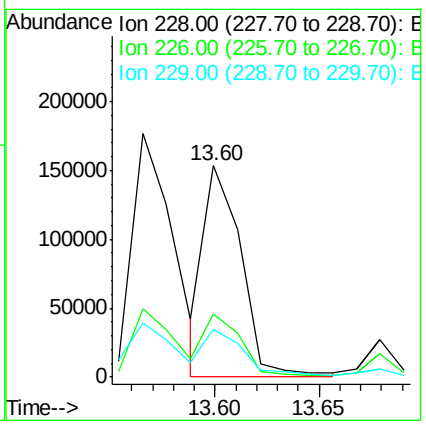


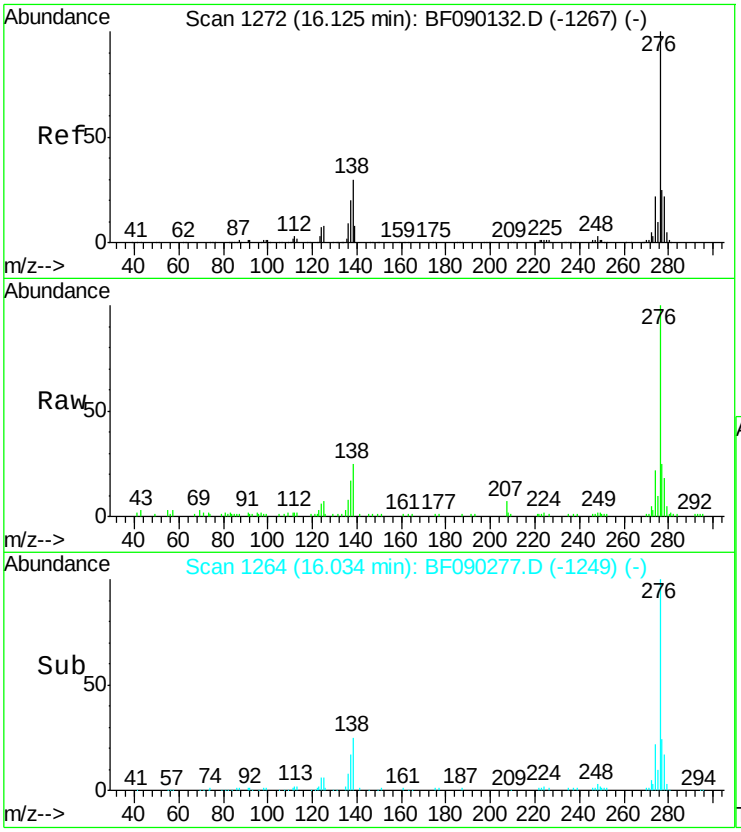


#82
Chrysene
Concen: 13.67 ng m
RT: 13.60 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Tgt Ion:228 Resp: 192601

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.6	37.0
229	22.8	16.2	24.4



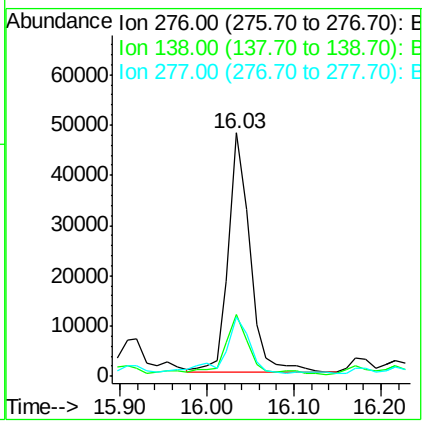


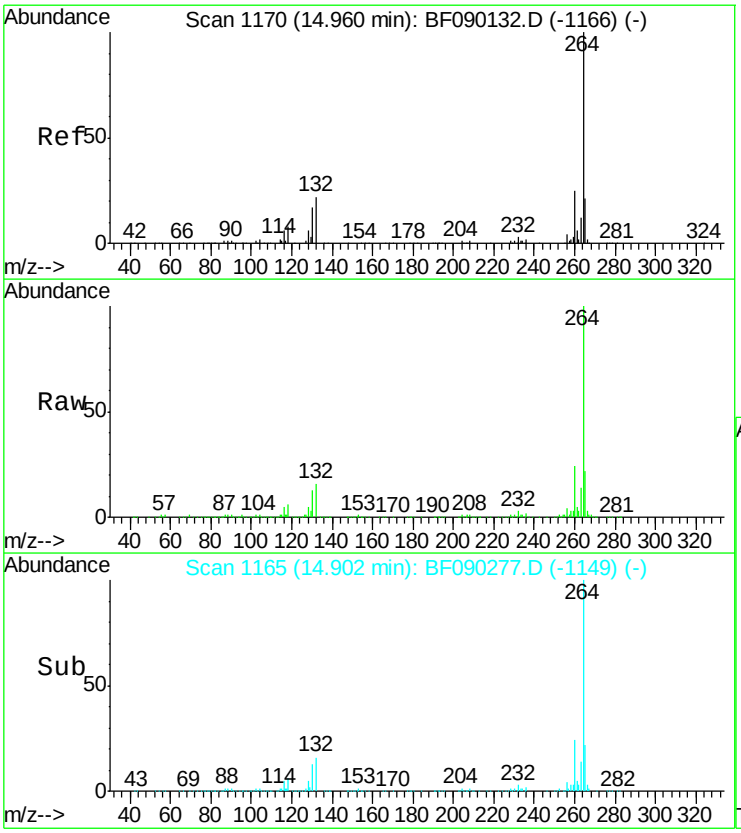
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.17 ng
RT: 16.03 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Instrument :
BNA_F
ClientSampleId :
S-6-2-LOC-6(10-15)DL

Tgt Ion:276 Resp: 81634

Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.9	38.9
277	29.4	19.9	29.9

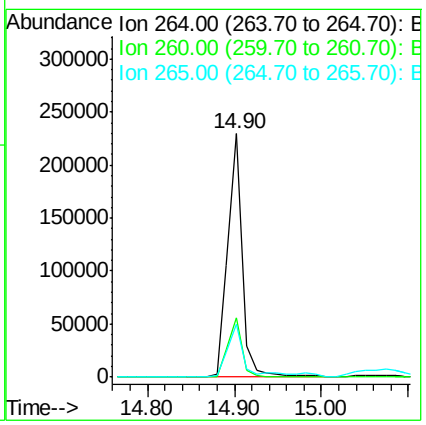


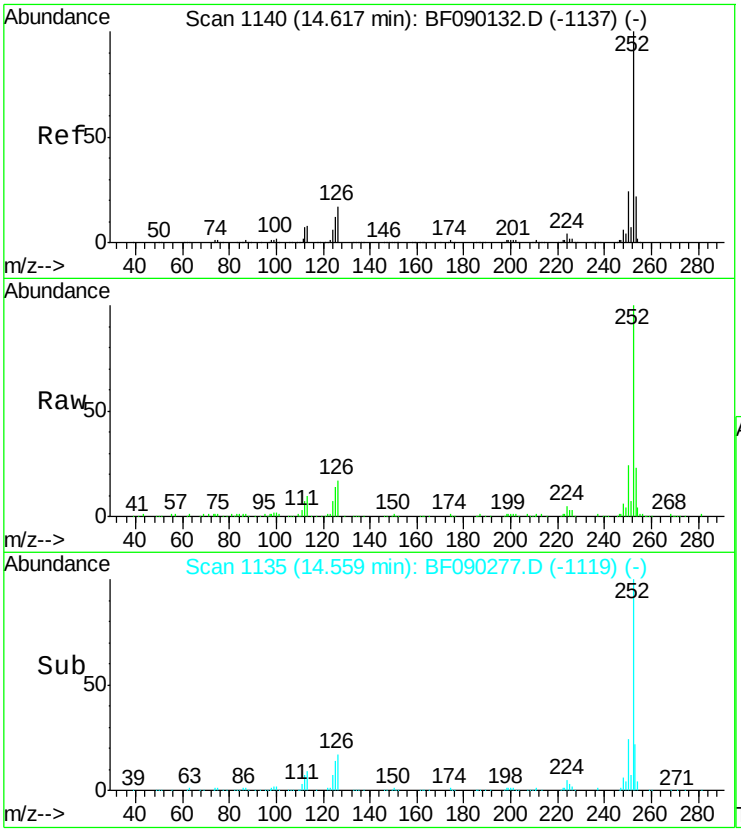


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Tgt Ion:264 Resp: 266631

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.7	17.0	25.4



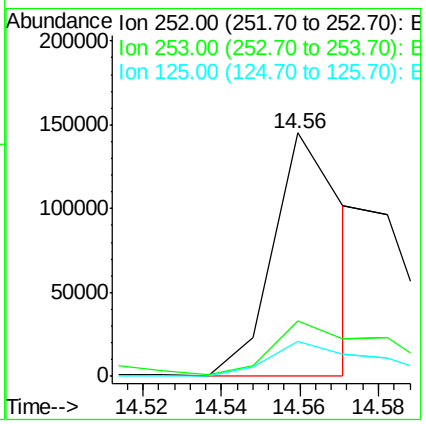


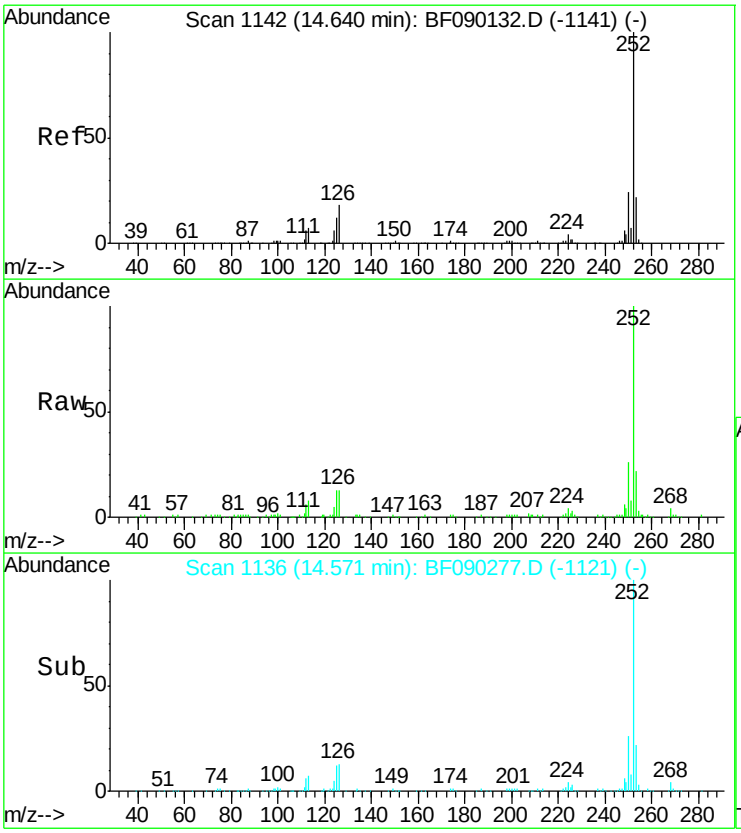
#87
Benzo(b)fluoranthene
Concen: 12.56 ng m
RT: 14.56 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Instrument :
BNA_F
ClientSampleId :
S-6-2-LOC-6(10-15)DL

Tgt Ion:252 Resp: 185404

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	14.2	12.7	19.1

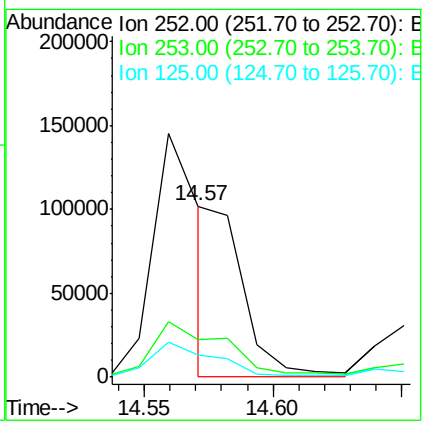


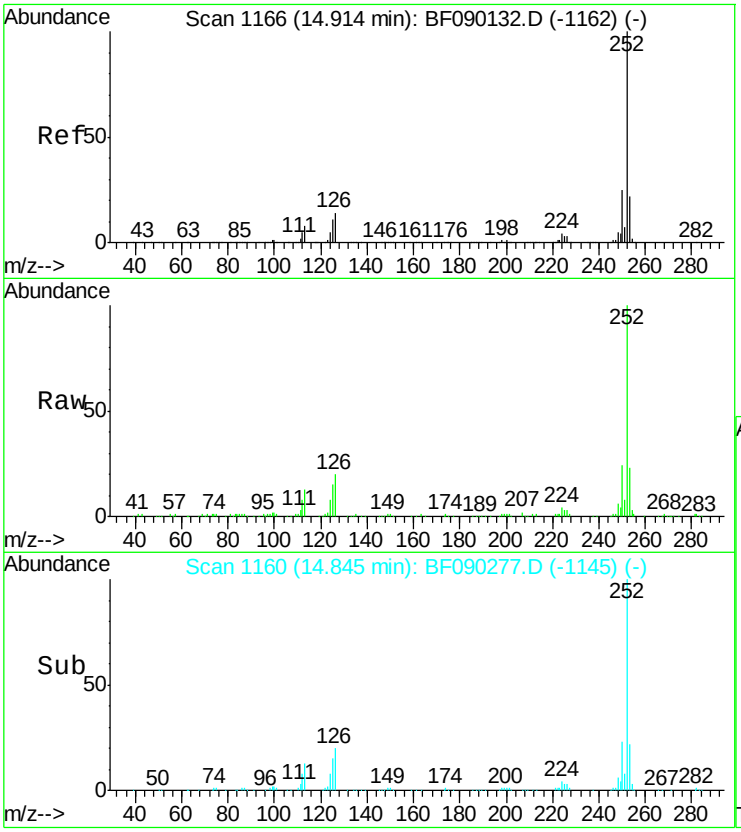


#88
Benzo(k)fluoranthene
Concen: 6.35 ng m
RT: 14.57 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Tgt Ion:252 Resp: 87923

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	12.7	7.8	11.6#



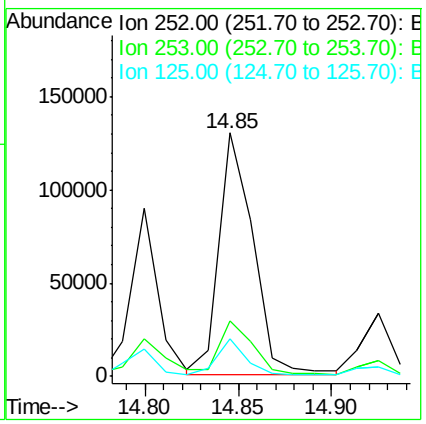


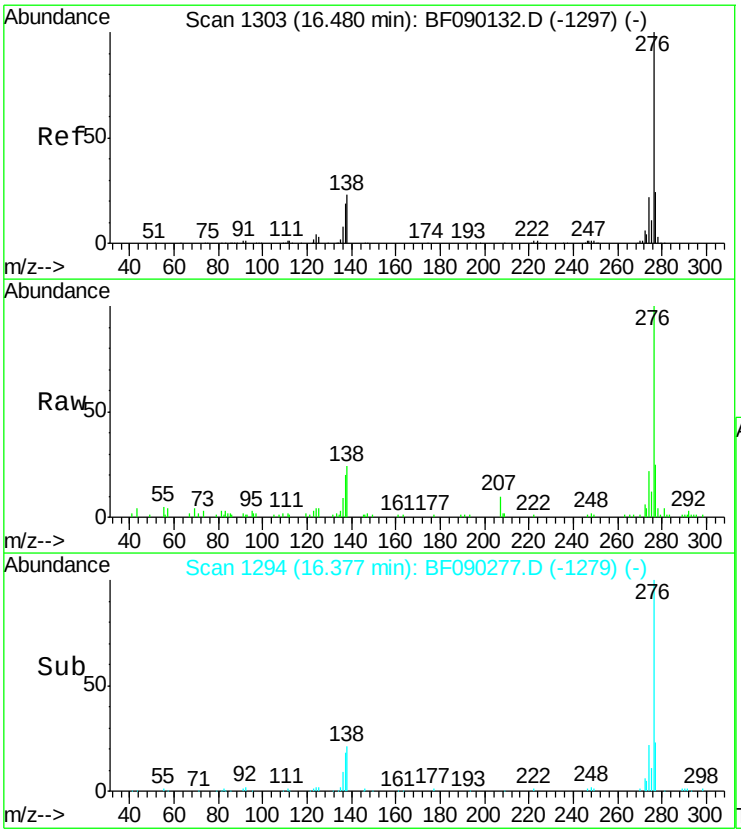
#89
Benzo(a)pyrene
Concen: 11.90 ng
RT: 14.85 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Instrument :
BNA_F
ClientSampleId :
S-6-2-LOC-6(10-15)DL

Tgt Ion:252 Resp: 165339

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	15.5	7.7	11.5#





#91
Benzo(g,h,i)perylene
Concen: 6.31 ng
RT: 16.38 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF090277.D
Acq: 28 Sep 2016 13:44

Tgt Ion:276 Resp: 66920

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.9	28.3
138	23.5	23.3	34.9