Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091216\
Data File : BF090064.D
Acq On : 12 Sep 2016 15:35
Operator : UM/SJ
Sample : H4743-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-BAYSHORE-EMBANKMENT

Quant Time: Sep 13 02:51:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	199540	20.00	ng		-0.03
21) Naphthalene-d8	7.86	136	812813	20.00	ng		-0.03
38) Acenaphthene-d10	9.60	164	344532	20.00	ng		-0.03
63) Phenanthrene-d10	11.07	188	595605	20.00	ng		-0.03
75) Chrysene-d12	13.69	240	449323	20.00	ng		-0.03
86) Perylene-d12	15.04	264	299695	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	1317361	105.67	ng		-0.01
7) Phenol-d6	6.23	99	1435785	94.79	ng		-0.02
23) Nitrobenzene-d5	7.14	82	859576	61.33	ng		-0.03
41) 2,4,6-Tribromophenol	10.39	330	289753	85.24	ng		-0.03
44) 2-Fluorobiphenyl	8.95	172	1733922	82.61	ng		-0.02
78) Terphenyl-d14	12.66	244	1355329	74.51	ng		-0.02
Target Compounds							Qvalue
32) Benzoic acid	7.61	122	20628	2.32	ng		90
49) Dimethylphthalate	9.34	163	489820	19.67	ng		99
57) Fluorene	10.15	166	56633	2.81	ng		99
59) Diethylphthalate	10.03	149	48839	2.08	ng		96
70) Phenanthrene	11.10	178	420131	14.16	ng		97
71) Anthracene	11.15	178	164879	5.48	ng		97
74) Fluoranthene	12.27	202	722879	23.26	ng		96
77) Pyrene	12.50	202	727944	22.98	ng		100
80) Benzo(a)anthracene	13.68	228	405227	14.72	ng		92
82) Chrysene	13.71	228	281976m	10.97	ng		
85) Indeno(1,2,3-cd)pyrene	16.24	276	115525	6.08	ng	#	91
87) Benzo(b)fluoranthene	14.67	252	256180m	13.64	ng		
88) Benzo(k)fluoranthene	14.69	252	144108m	9.05	ng		
89) Benzo(a)pyrene	14.98	252	214142	13.31	ng	#	90
90) Dibenzo(a,h)anthracene	16.25	278	29456m	2.50	ng		
91) Benzo(g,h,i)perylene	16.61	276	106087	8.94	ng	#	92

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

Quantitation Report (QT/LSC Reviewed)

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Misc :
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BNA_F
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EME-BAYSHORE-EMBANKMENT

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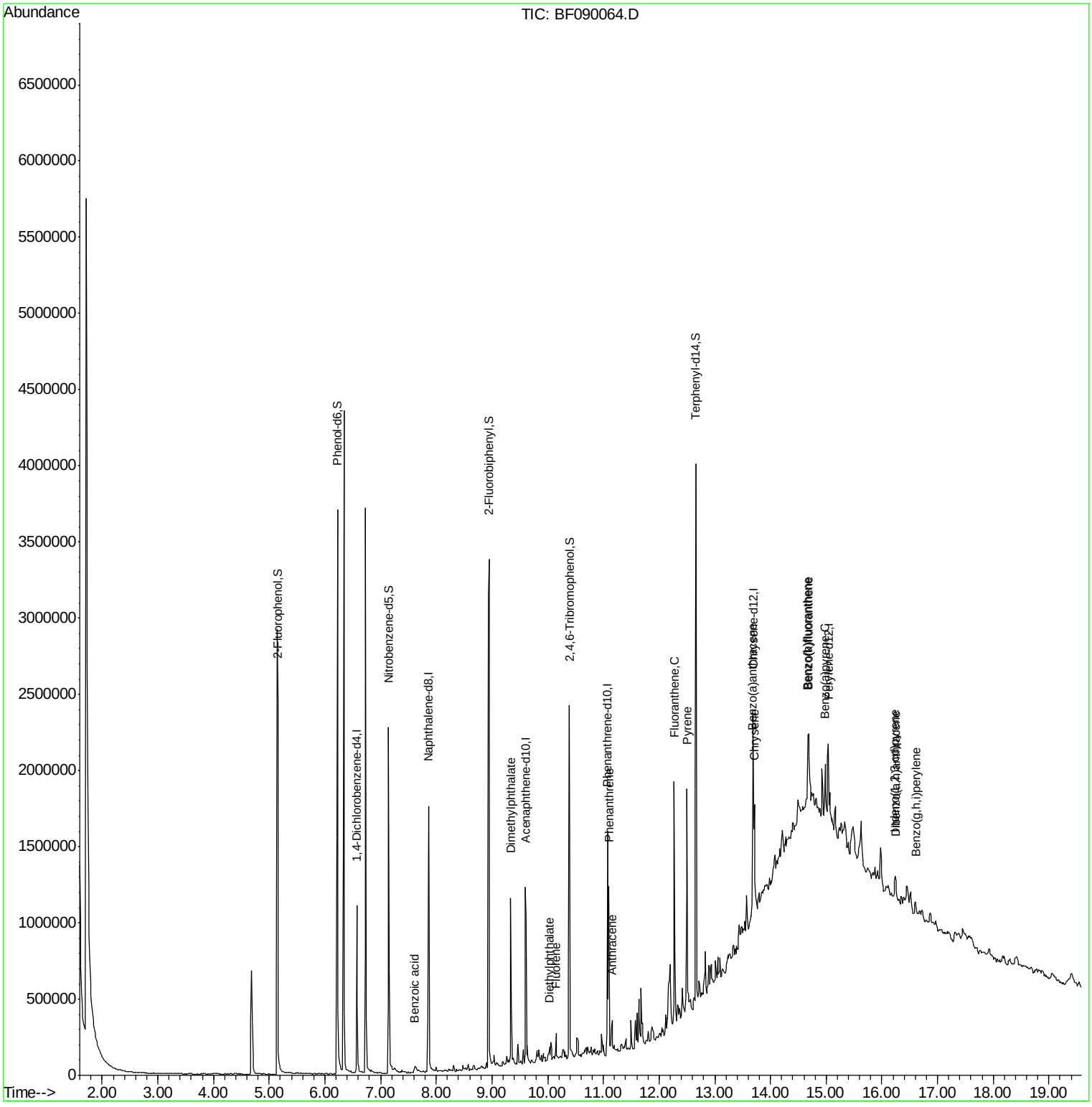
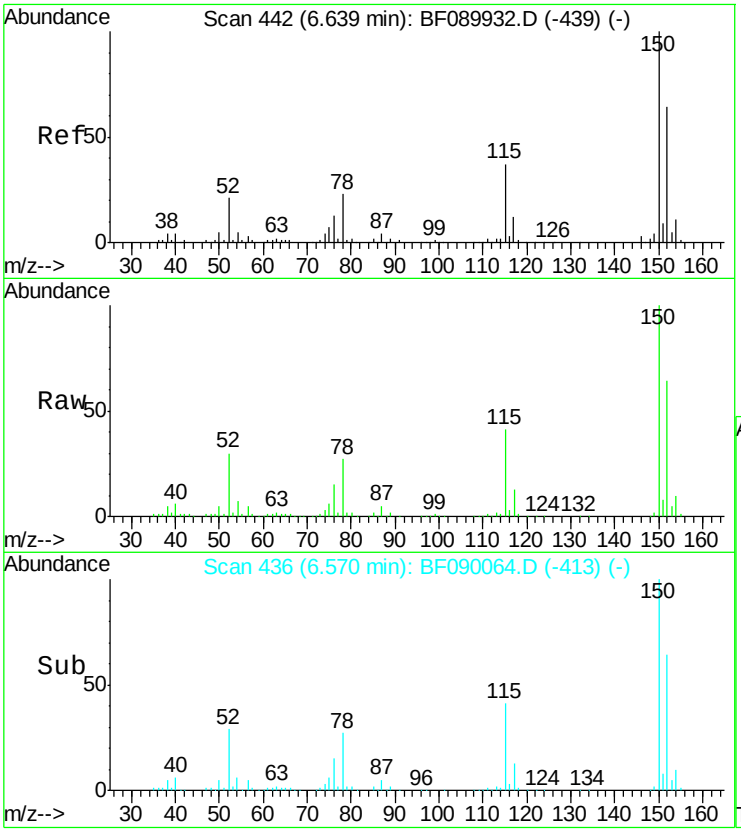


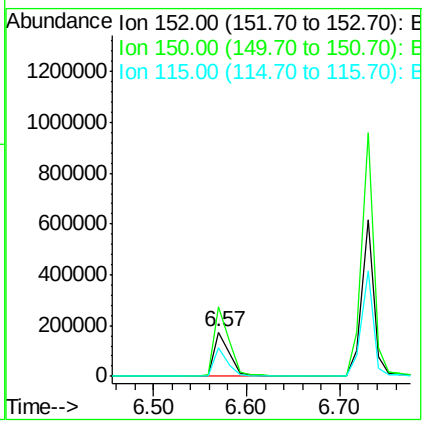


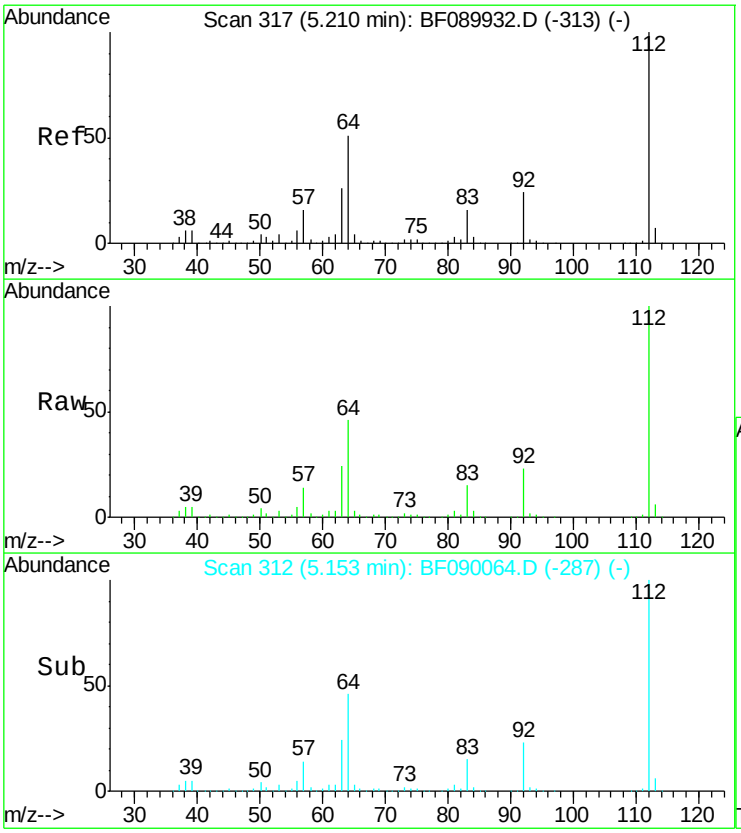
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Instrument :
BNA_F
ClientSampleId :
EME-BAYSHORE-EMBANKMENT

Tgt Ion:152 Resp: 199540

Ion	Ratio	Lower	Upper
152	100		
150	157.3	127.4	191.2
115	65.2	46.3	69.5

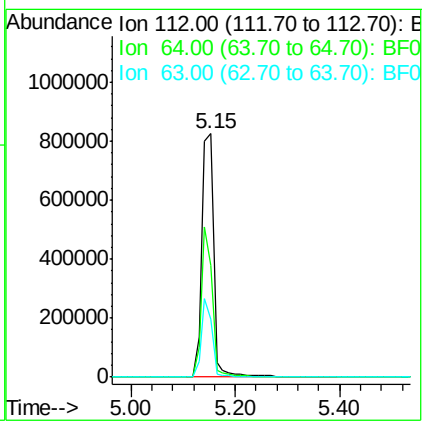


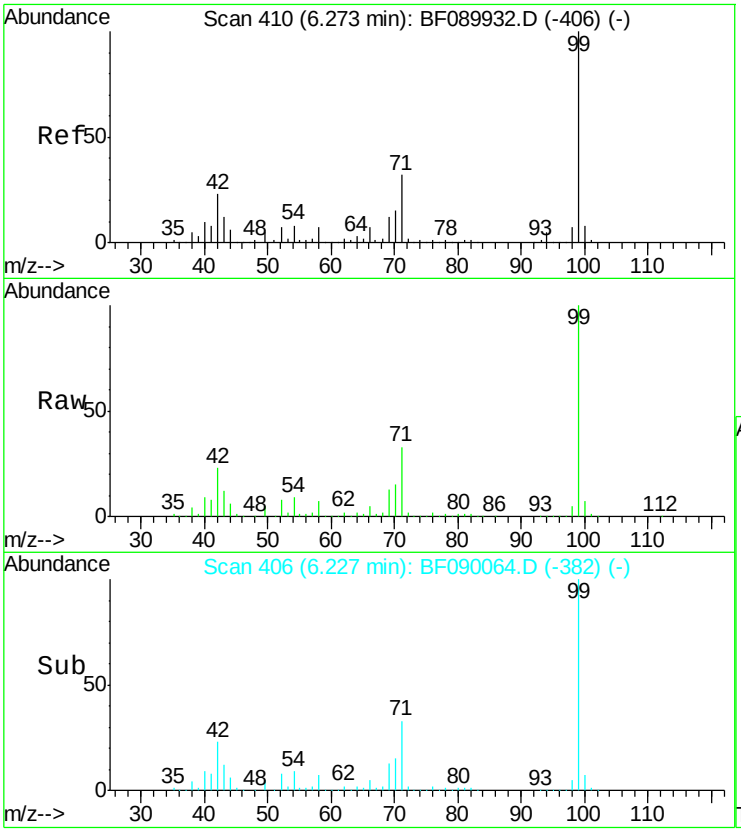


#5
2-Fluorophenol
Concen: 105.67 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.01 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Tgt Ion:112 Resp: 1317361

Ion	Ratio	Lower	Upper
112	100		
64	46.2	41.1	61.7
63	23.8	21.2	31.8



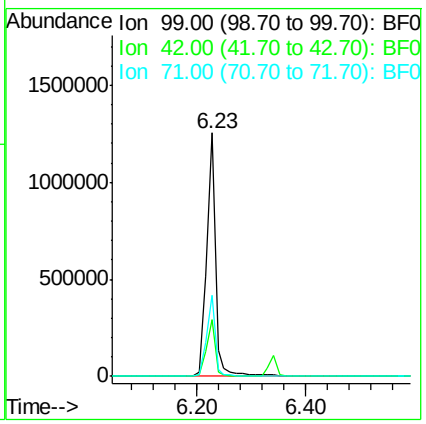


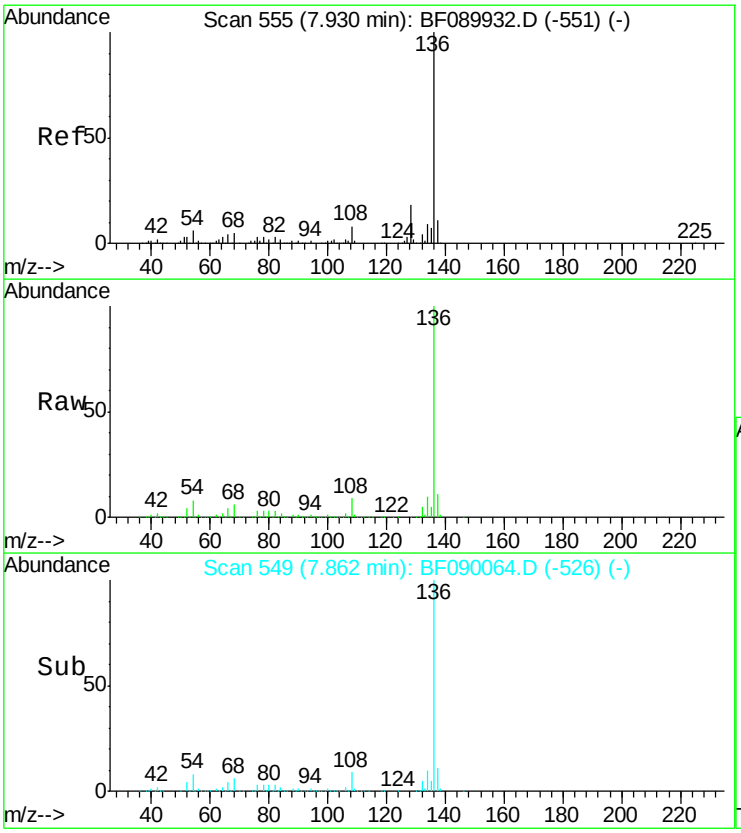
#7
Phenol-d6
Concen: 94.79 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.02 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Instrument :
BNA_F
ClientSampleId :
EME-BAYSHORE-EMBANKMENT

Tgt Ion: 99 Resp: 1435785

Ion	Ratio	Lower	Upper
99	100		
42	23.3	18.6	27.8
71	33.5	25.8	38.6

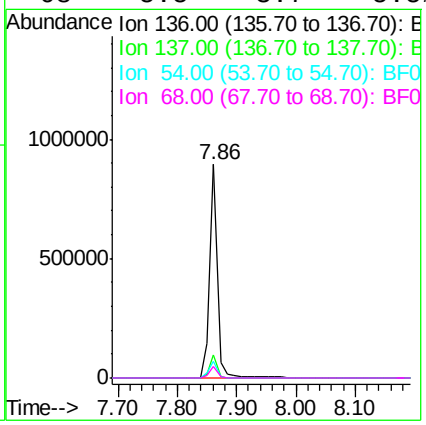


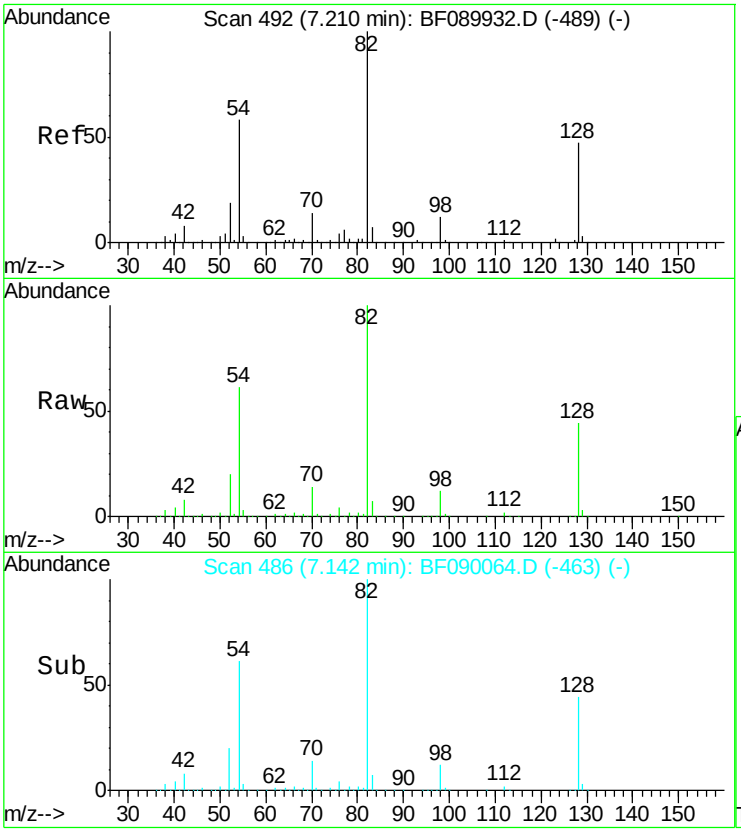


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Tgt Ion:136 Resp: 812813

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.3	12.5
54	8.0	4.8	7.2#
68	5.5	3.7	5.5#



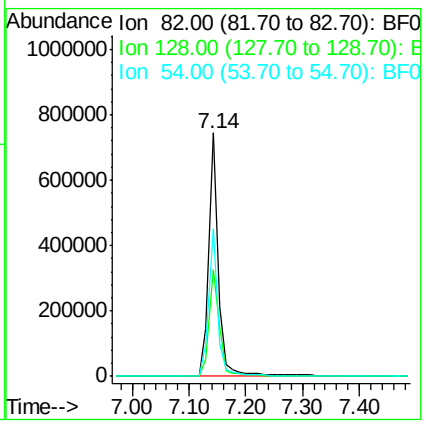


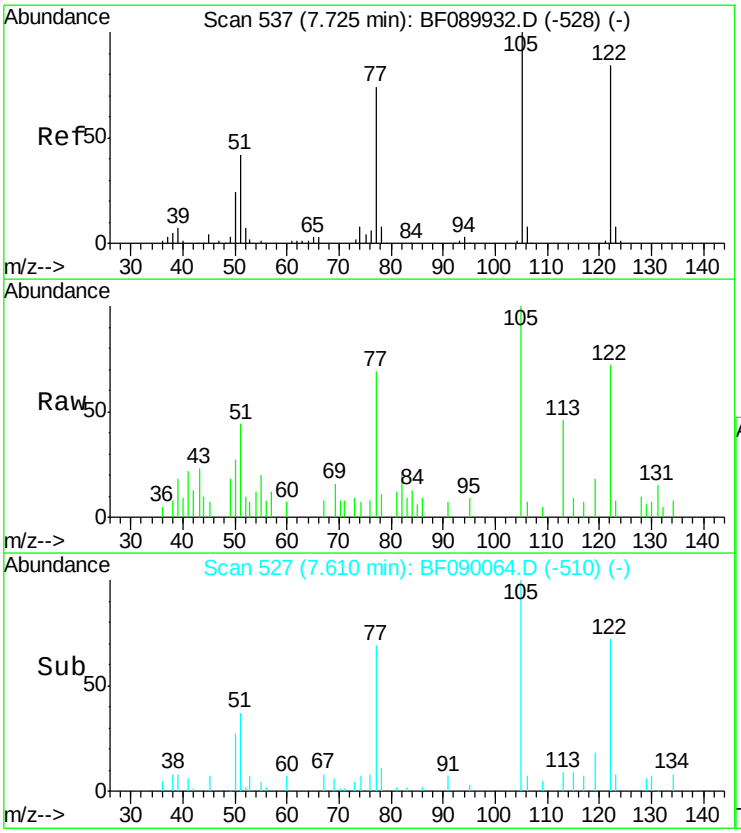
#23
Nitrobenzene-d5
Concen: 61.33 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Instrument :
BNA_F
ClientSampleId :
EME-BAYSHORE-EMBANKMENT

Tgt Ion: 82 Resp: 859576

Ion	Ratio	Lower	Upper
82	100		
128	43.6	37.8	56.8
54	60.6	46.9	70.3

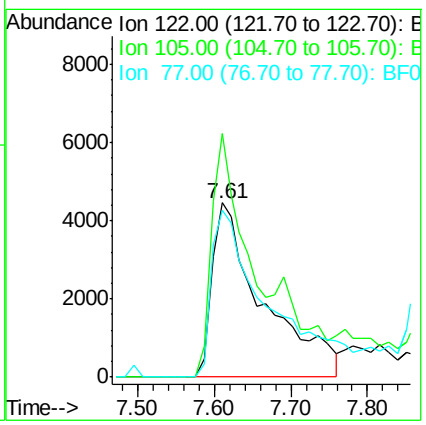


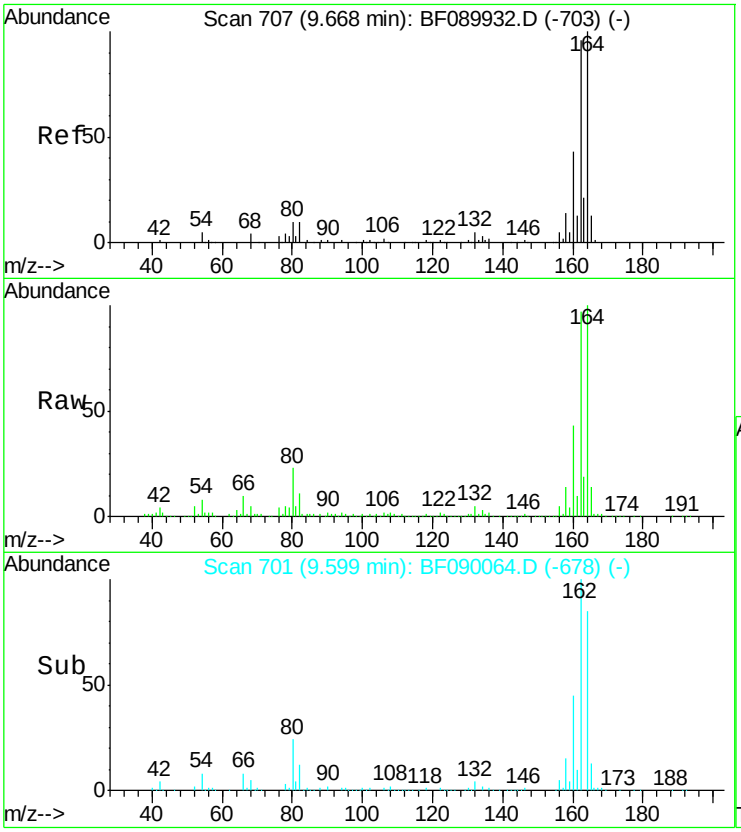


#32
Benzoic acid
Concen: 2.32 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.10 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Tgt Ion:122 Resp: 20628

Ion	Ratio	Lower	Upper
122	100		
105	139.8	102.2	142.2
77	95.8	74.1	114.1



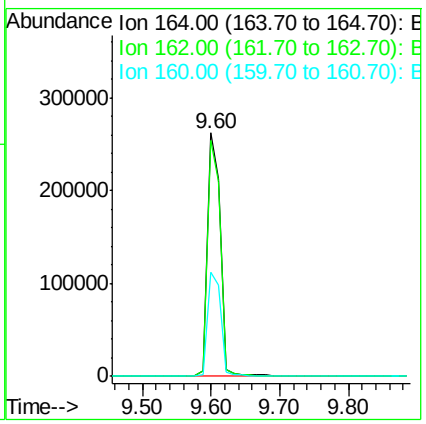


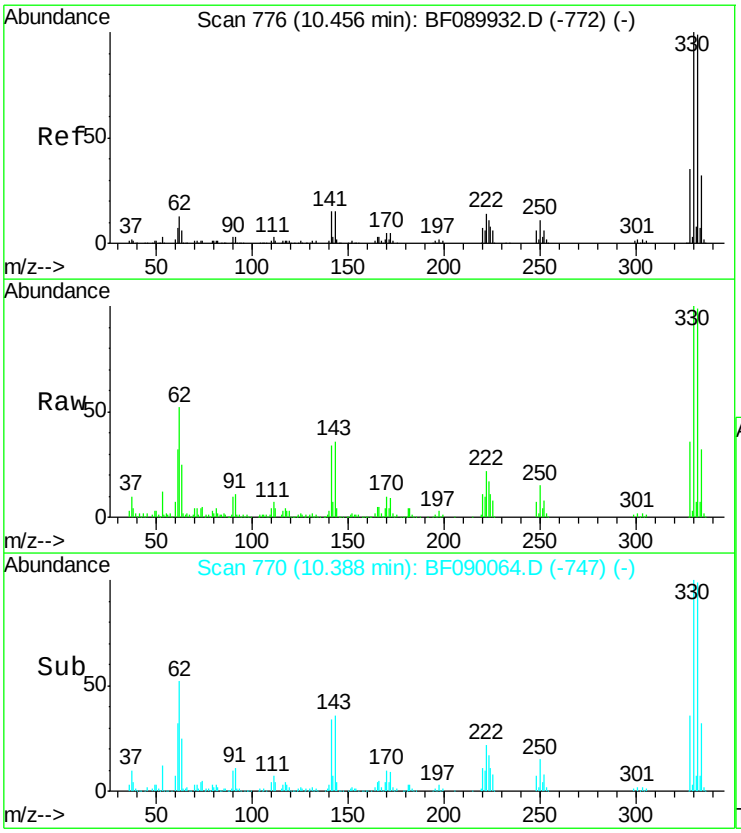
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Instrument :
BNA_F
ClientSampleId :
EME-BAYSHORE-EMBANKMENT

Tgt Ion:164 Resp: 344532

Ion	Ratio	Lower	Upper
164	100		
162	96.8	77.1	115.7
160	42.9	35.3	52.9

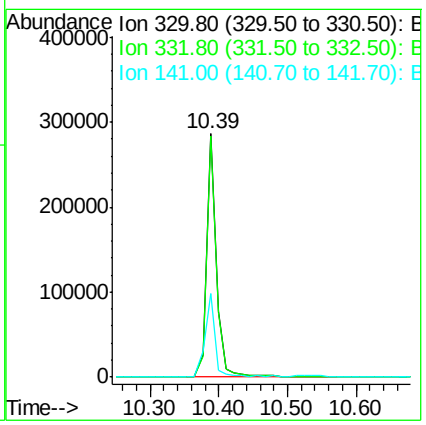


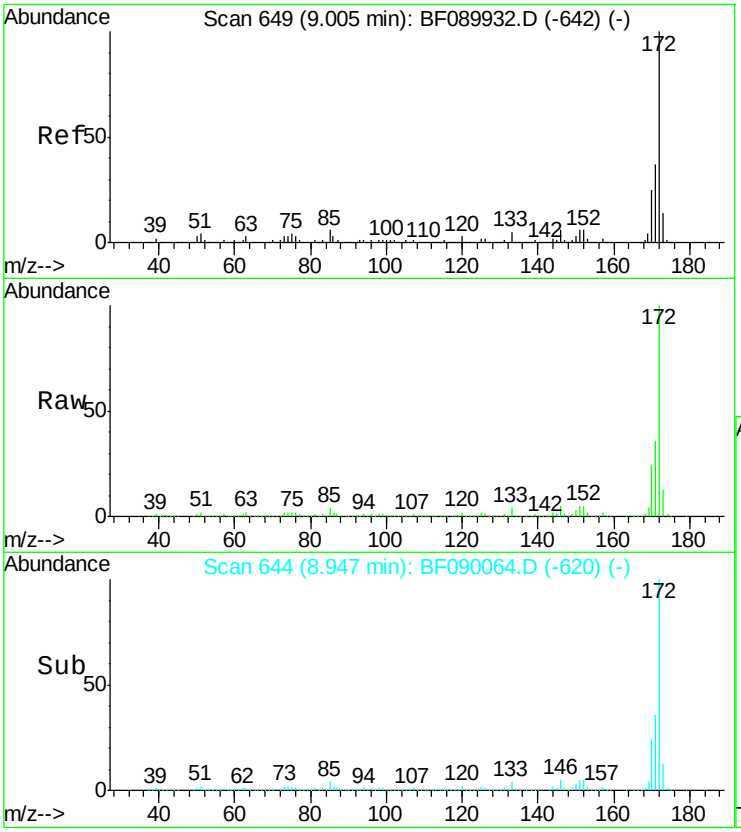


#41
2,4,6-Tribromophenol
Concen: 85.24 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Tgt Ion:330 Resp: 289753

Ion	Ratio	Lower	Upper
330	100		
332	98.8	78.6	117.8
141	33.9	23.3	34.9



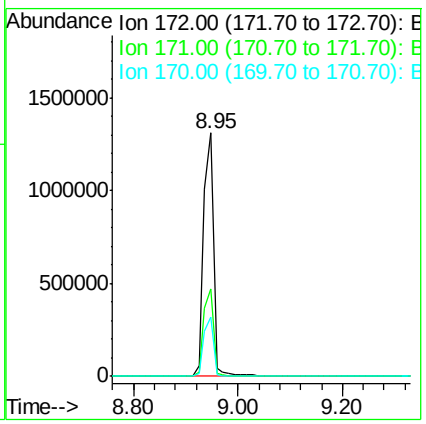


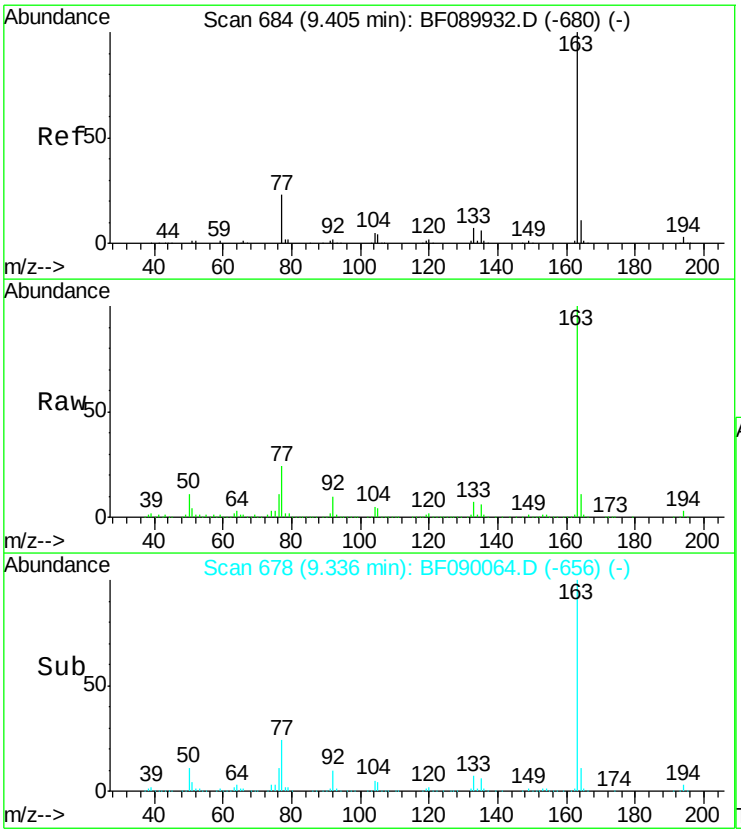
#44
2-Fluorobiphenyl
Concen: 82.61 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Instrument :
BNA_F
ClientSampleId :
EME-BAYSHORE-EMBANKMENT

Tgt Ion:172 Resp: 1733922

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.2	20.1	30.1

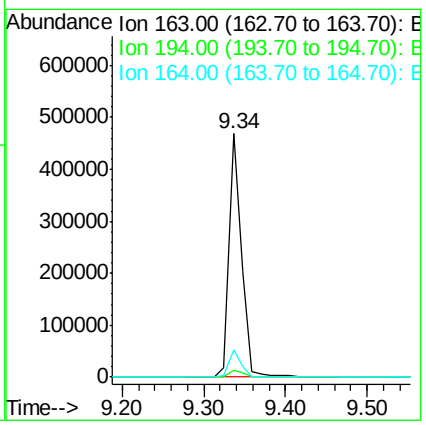


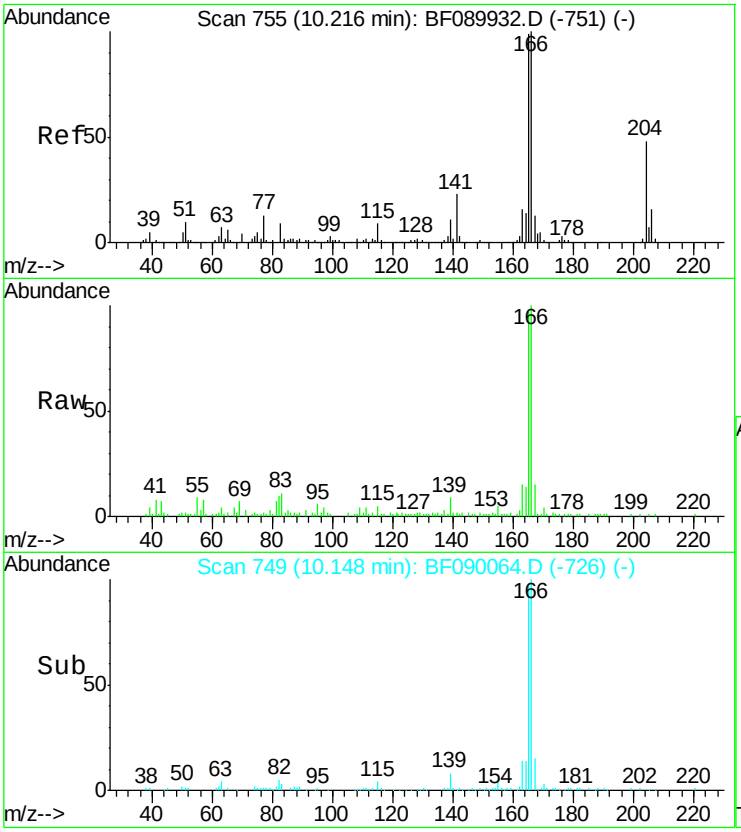


#49
Dimethylphthalate
Concen: 19.67 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Tgt Ion:163 Resp: 489820

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	11.0	9.0	13.4



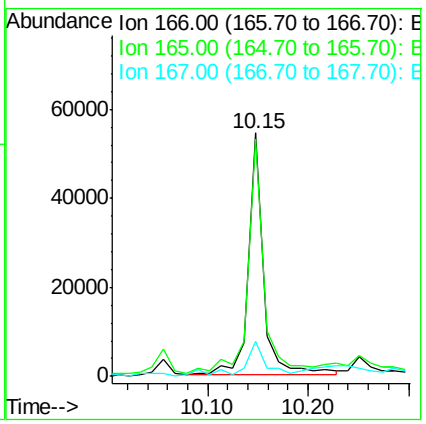


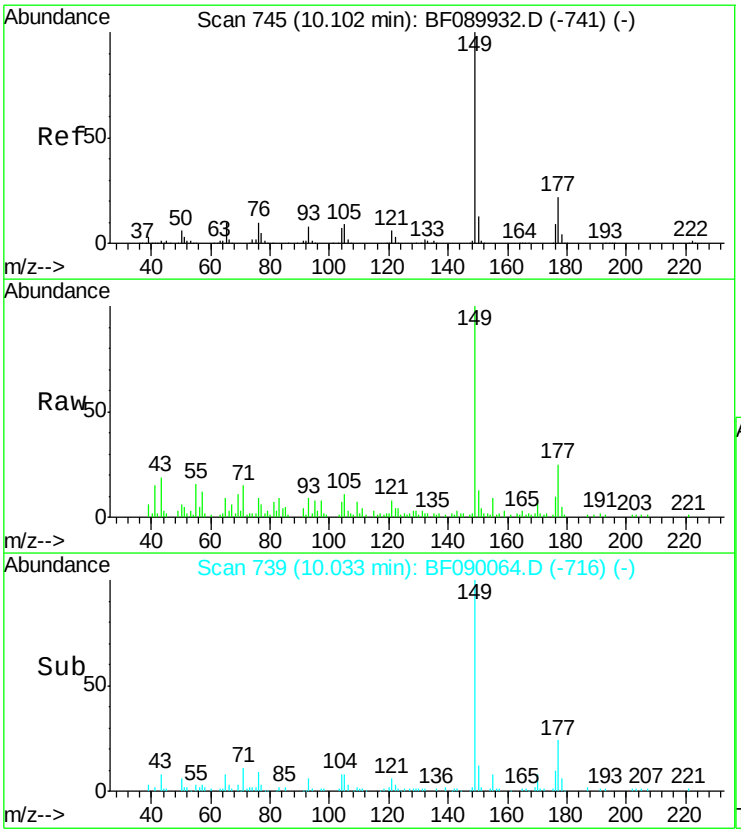
#57
Fluorene
Concen: 2.81 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Instrument :
BNA_F
ClientSampleId :
EME-BAYSHORE-EMBANKMENT

Tgt Ion:166 Resp: 56633

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.6	118.0
167	14.6	10.6	15.8

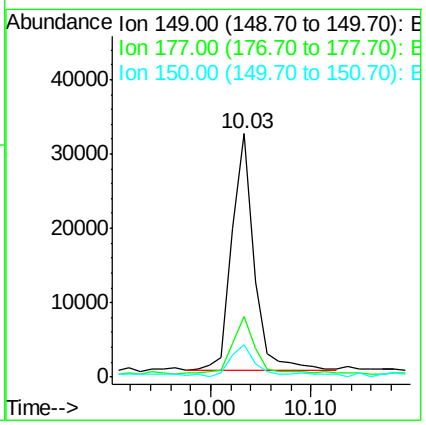


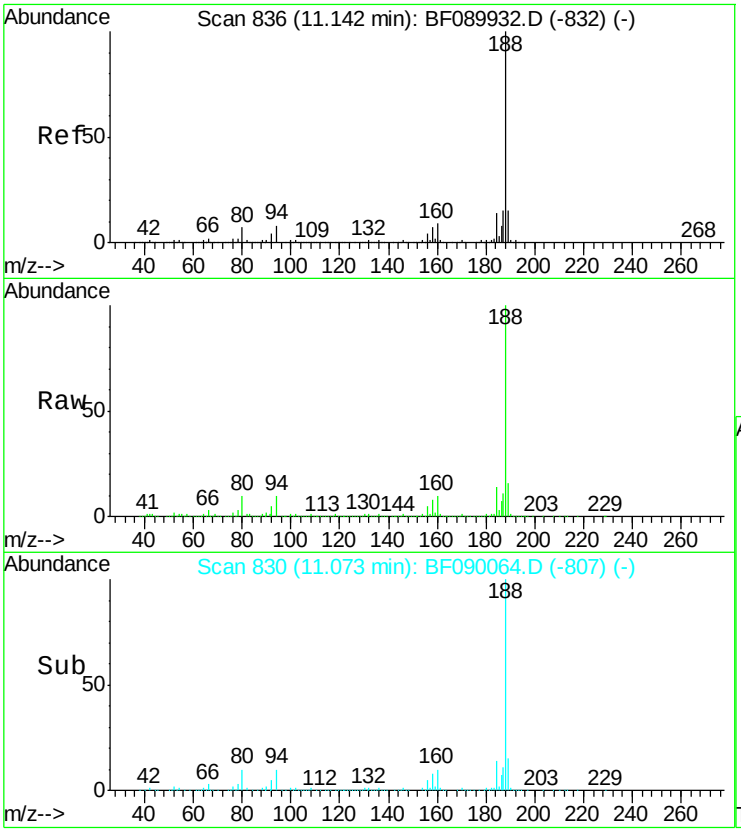


#59
Diethylphthalate
Concen: 2.08 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Tgt Ion:149 Resp: 48839

Ion	Ratio	Lower	Upper
149	100		
177	24.8	17.7	26.5
150	13.1	10.2	15.2



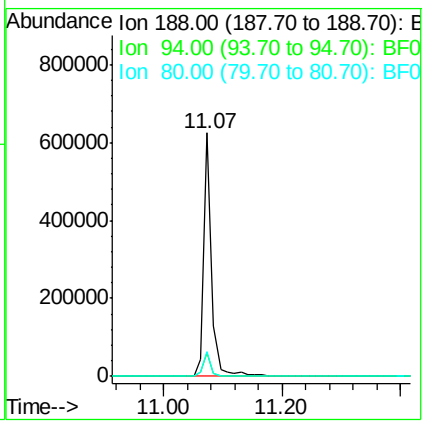


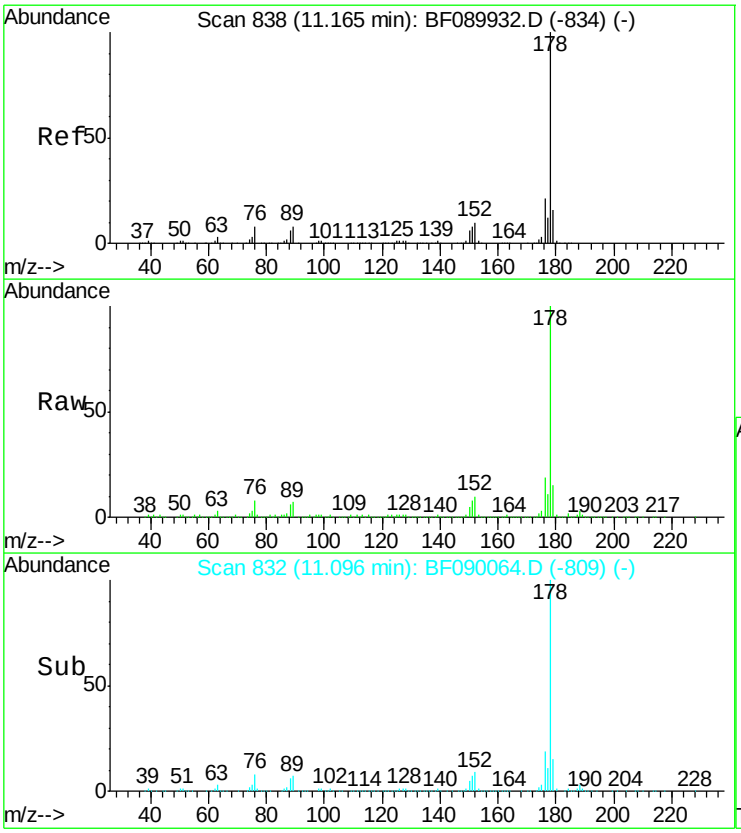
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Instrument :
BNA_F
ClientSampleId :
EME-BAYSHORE-EMBANKMENT

Tgt Ion:188 Resp: 595605

Ion	Ratio	Lower	Upper
188	100		
94	9.6	5.9	8.9#
80	10.0	5.8	8.8#

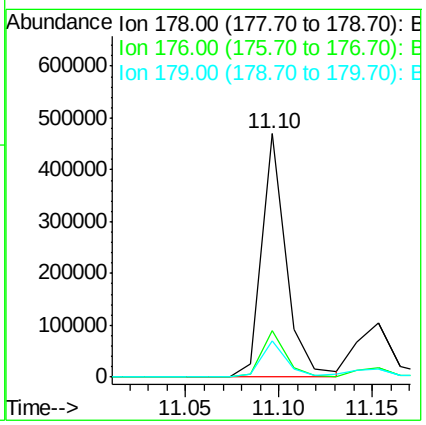


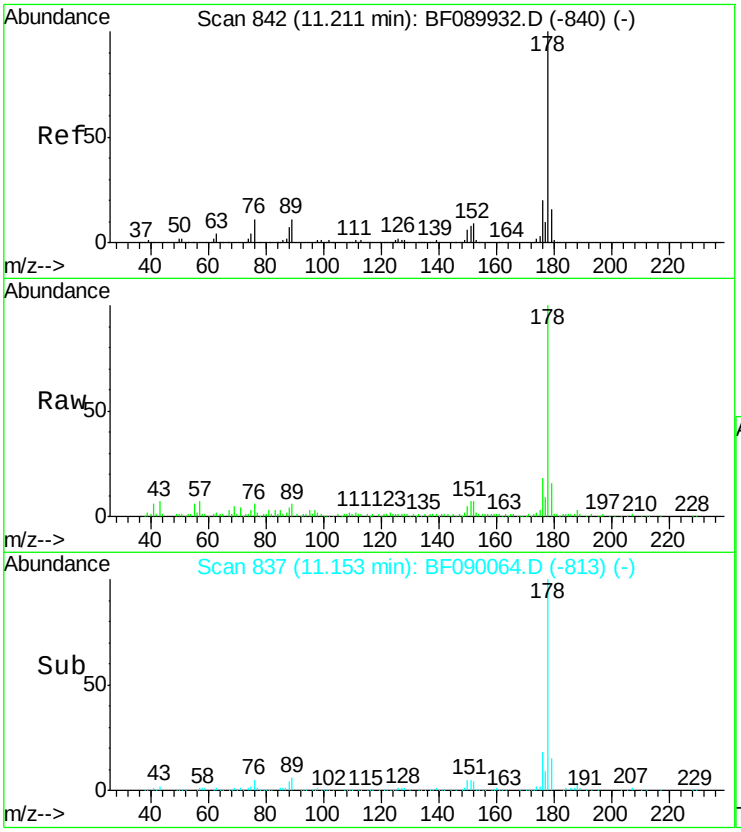


#70
Phenanthrene
Concen: 14.16 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.03 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Tgt Ion:178 Resp: 420131

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.5	24.7
179	15.1	12.8	19.2



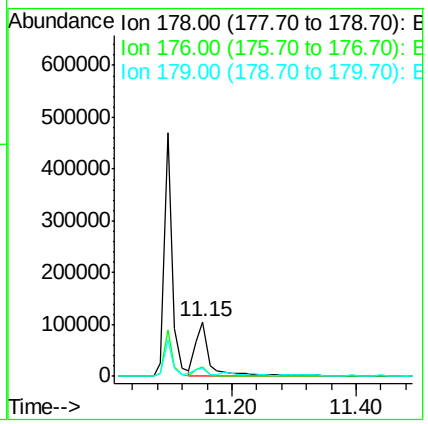


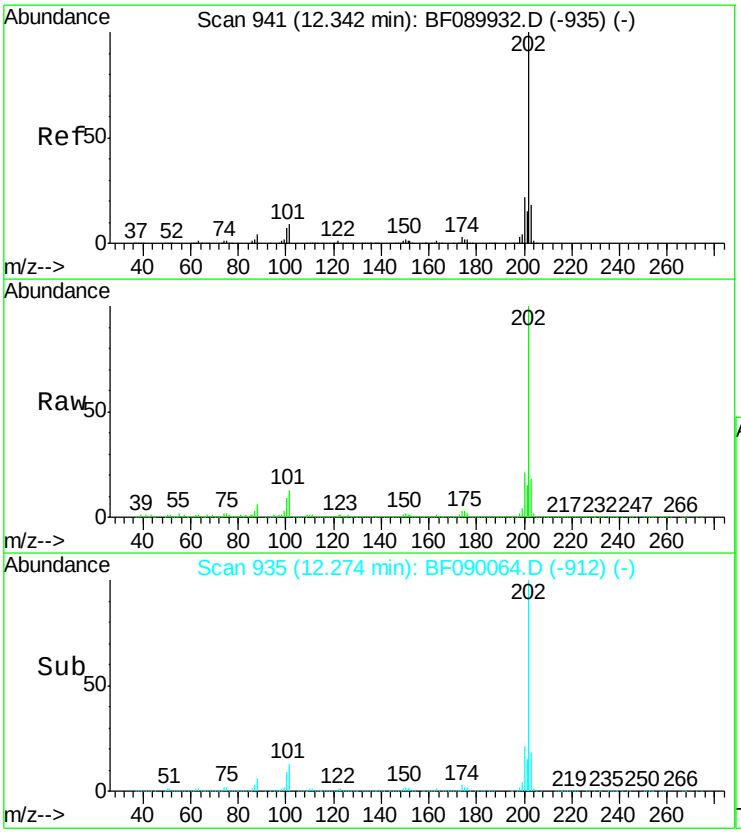
#71
Anthracene
Concen: 5.48 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.02 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Instrument :
BNA_F
ClientSampleId :
EME-BAYSHORE-EMBANKMENT

Tgt Ion:178 Resp: 164879

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	15.6	13.0	19.4

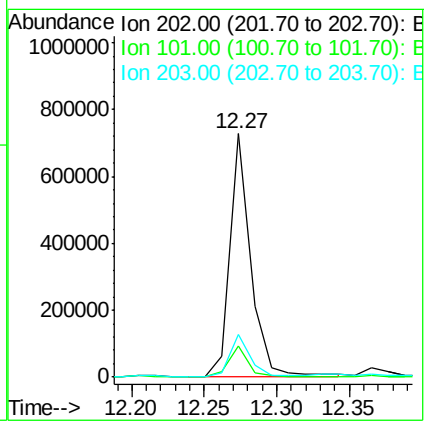


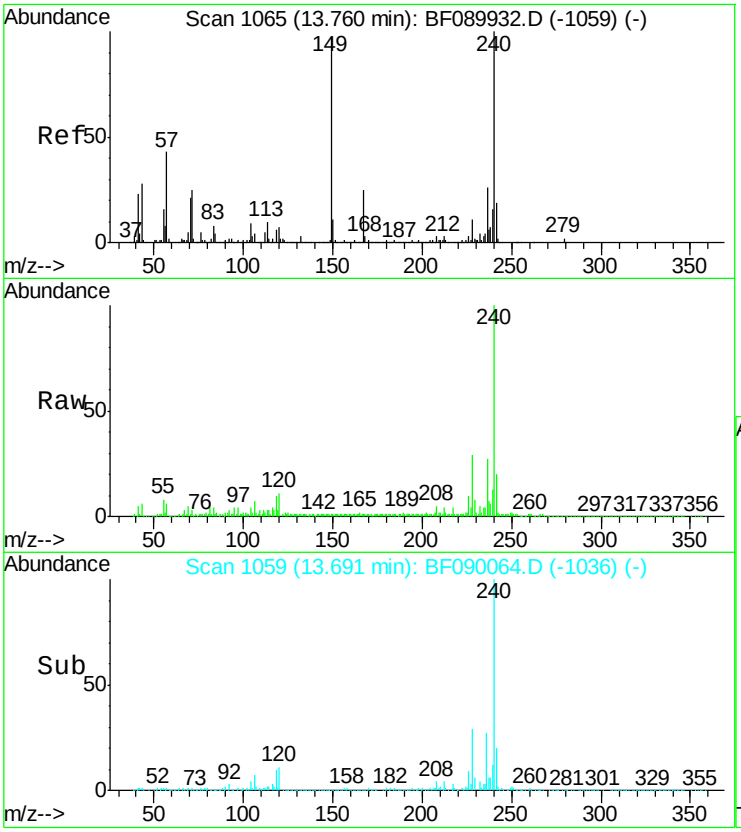


#74
Fluoranthene
Concen: 23.26 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.03 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Tgt Ion:202 Resp: 722879

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	28.5
203	17.7	0.0	38.0



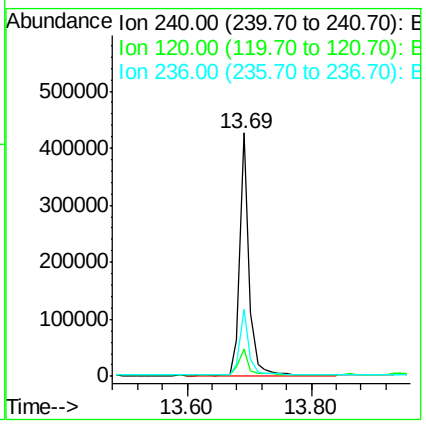


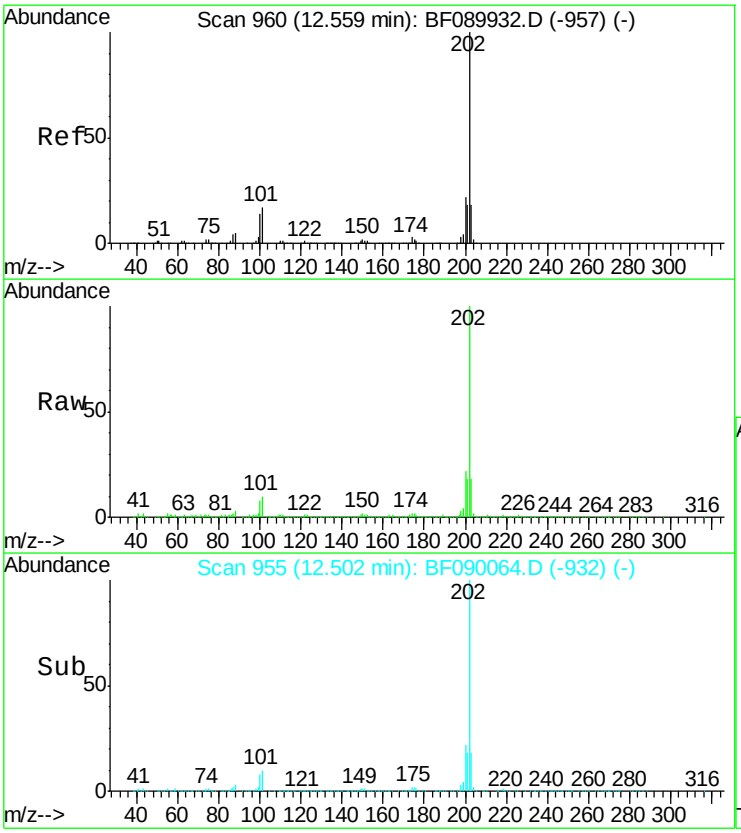
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Instrument :
BNA_F
ClientSampleId :
EME-BAYSHORE-EMBANKMENT

Tgt Ion:240 Resp: 449323

Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.7	8.5#
236	27.3	21.3	31.9

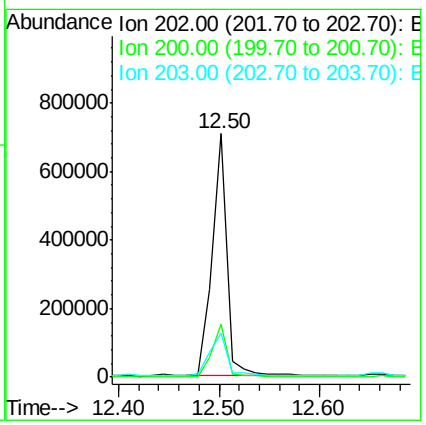


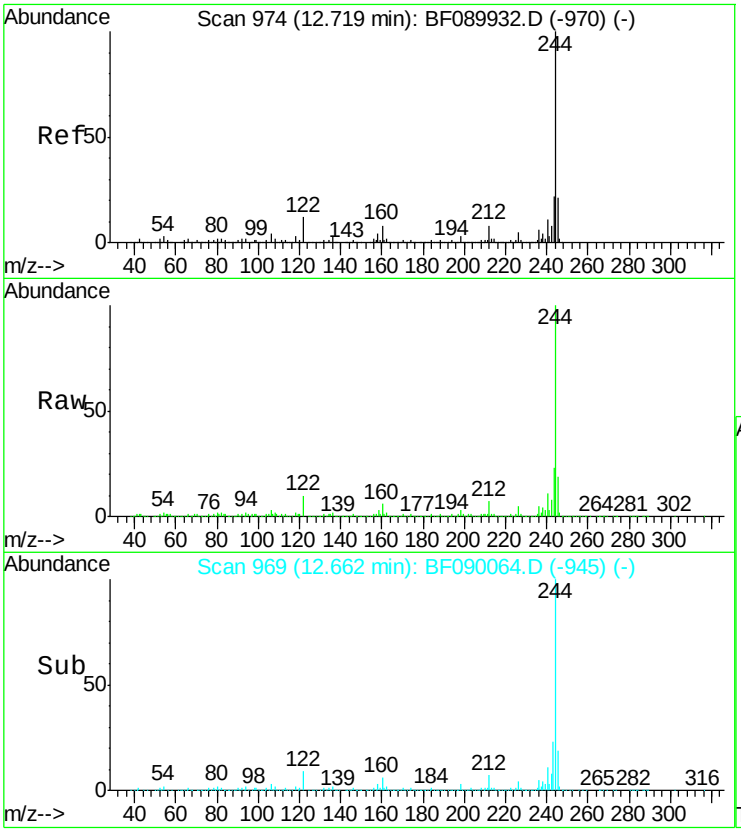


#77
Pyrene
Concen: 22.98 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.03 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Tgt Ion:202 Resp: 727944

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	18.2	14.6	21.8



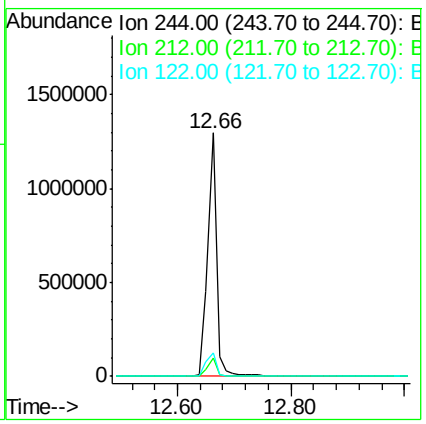


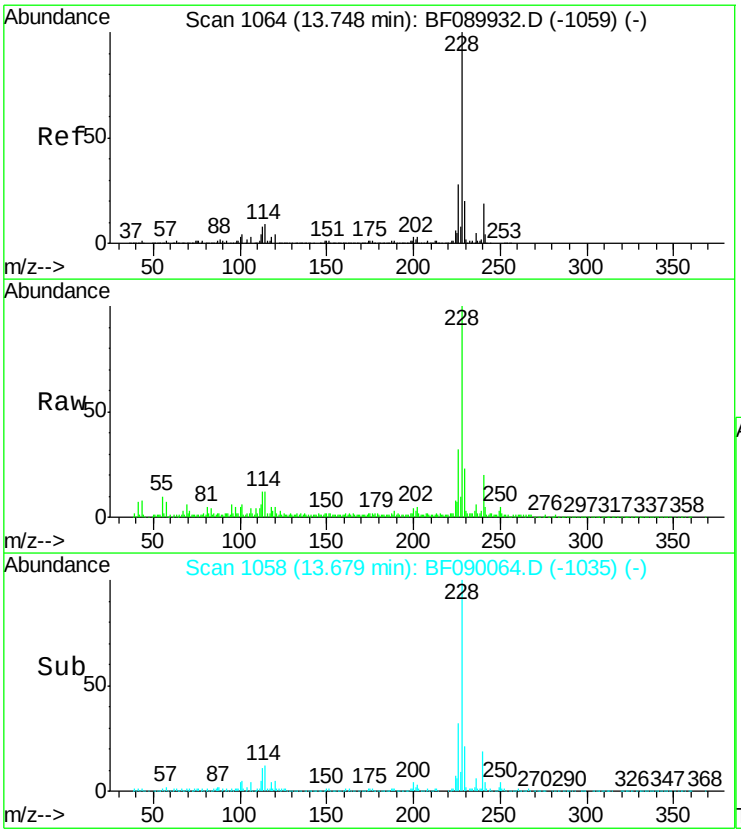
#78
Terphenyl-d14
Concen: 74.51 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Instrument :
BNA_F
ClientSampleId :
EME-BAYSHORE-EMBANKMENT

Tgt Ion:244 Resp: 1355329

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	9.5	9.6	14.4#

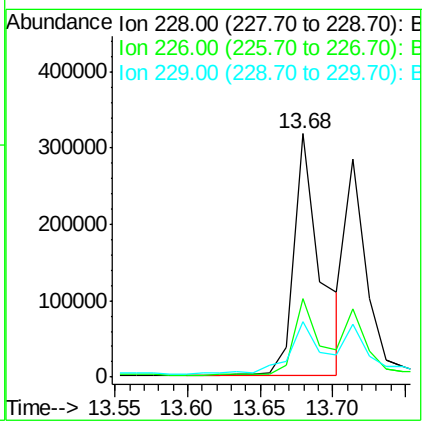


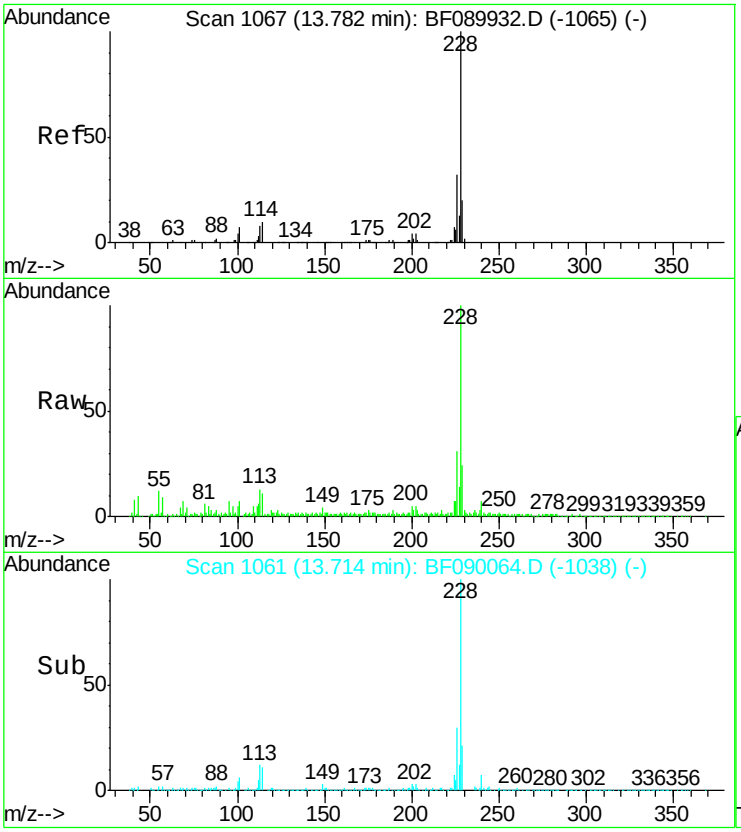


#80
Benzo(a)anthracene
Concen: 14.72 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Tgt Ion:228 Resp: 405227

Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.2	33.2
229	22.6	15.8	23.6



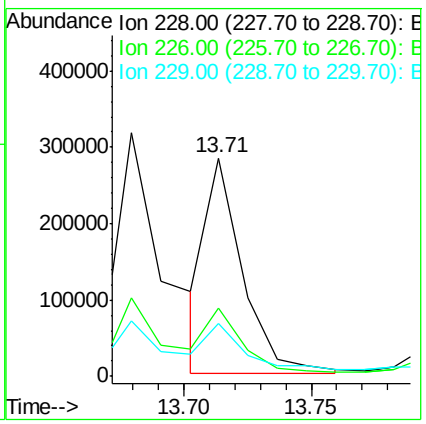


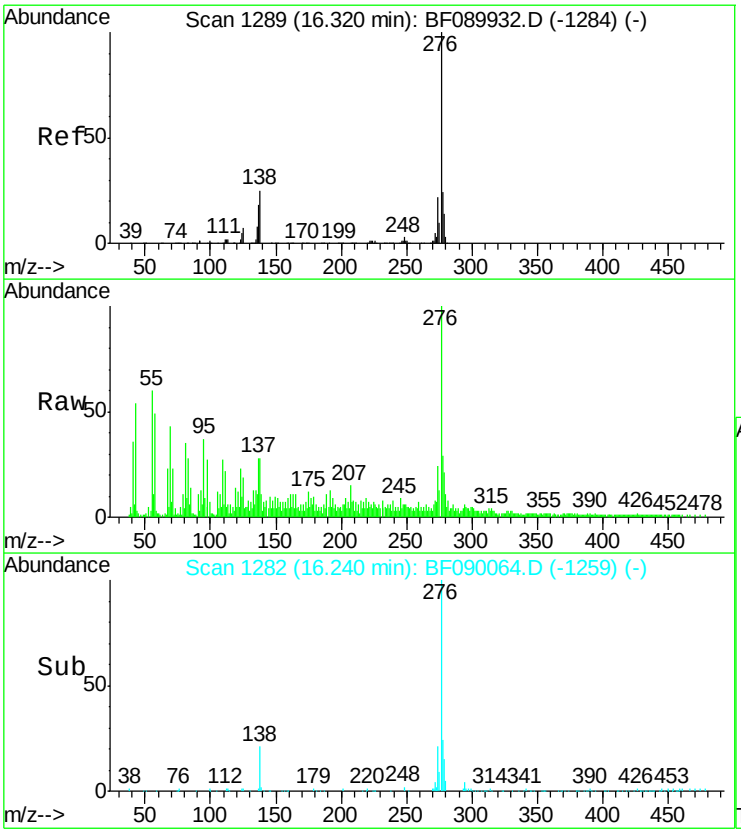
#82
Chrysene
Concen: 10.97 ng m
RT: 13.71 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Instrument :
BNA_F
ClientSampleId :
EME-BAYSHORE-EMBANKMENT

Tgt Ion:228 Resp: 281976

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.2	37.8
229	24.2	16.2	24.2

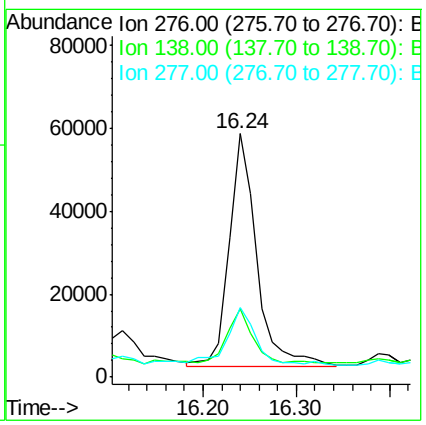


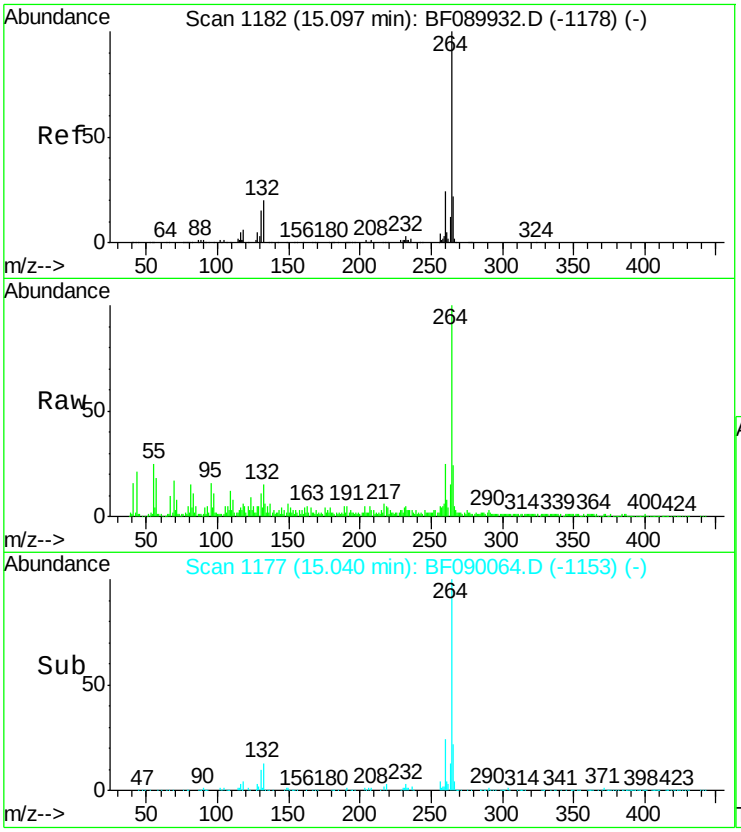


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.08 ng
RT: 16.24 min Scan# 1282
Delta R.T. -0.03 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Tgt Ion:276 Resp: 115525

Ion	Ratio	Lower	Upper
276	100		
138	20.0	22.6	34.0#
277	24.1	20.1	30.1



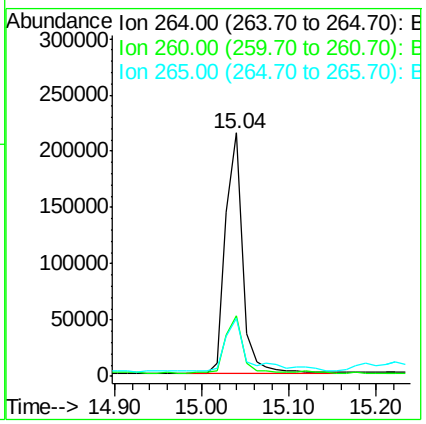


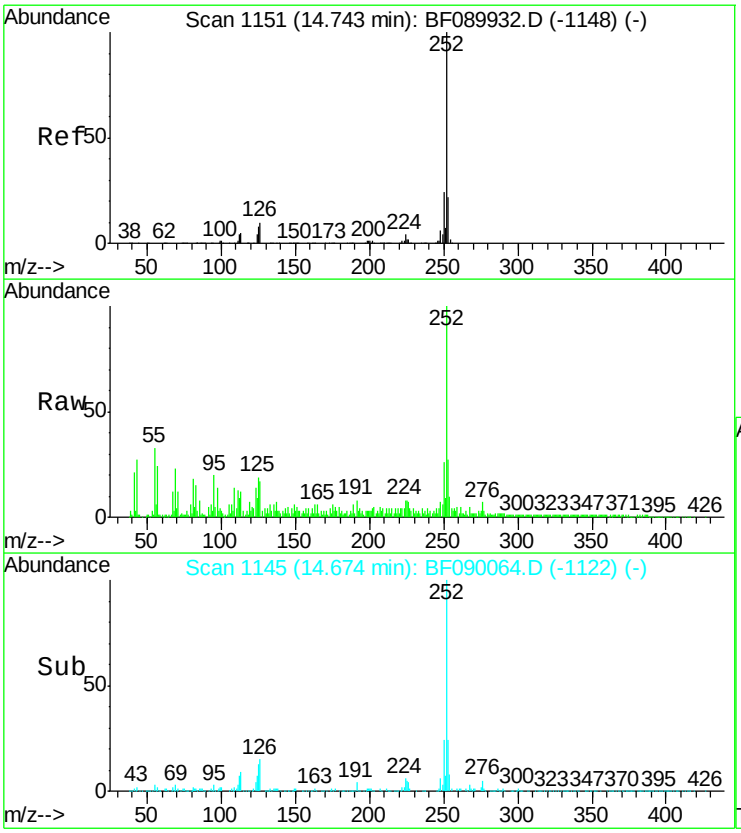
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Instrument :
BNA_F
ClientSampleId :
EME-BAYSHORE-EMBANKMENT

Tgt Ion:264 Resp: 299695

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.0
265	23.8	17.4	26.2

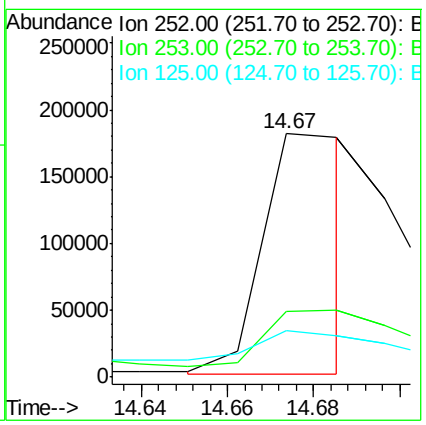


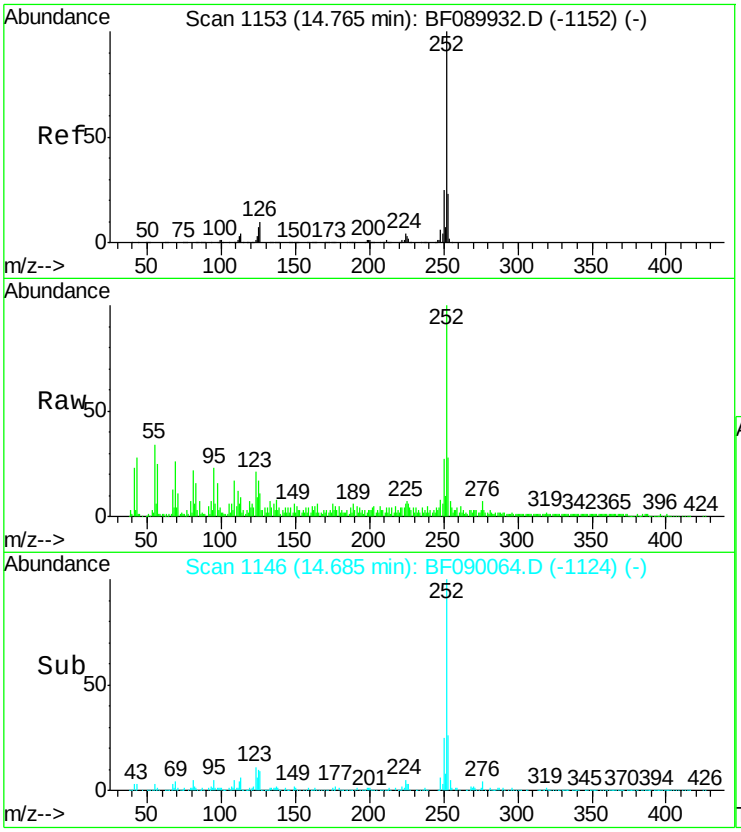


#87
Benzo(b)fluoranthene
Concen: 13.64 ng m
RT: 14.67 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Tgt Ion:252 Resp: 256180

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.0	27.0
125	19.2	5.7	8.5#



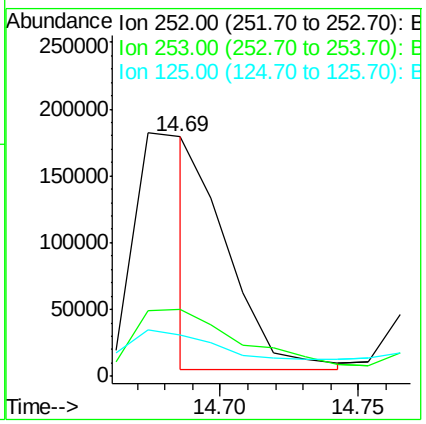


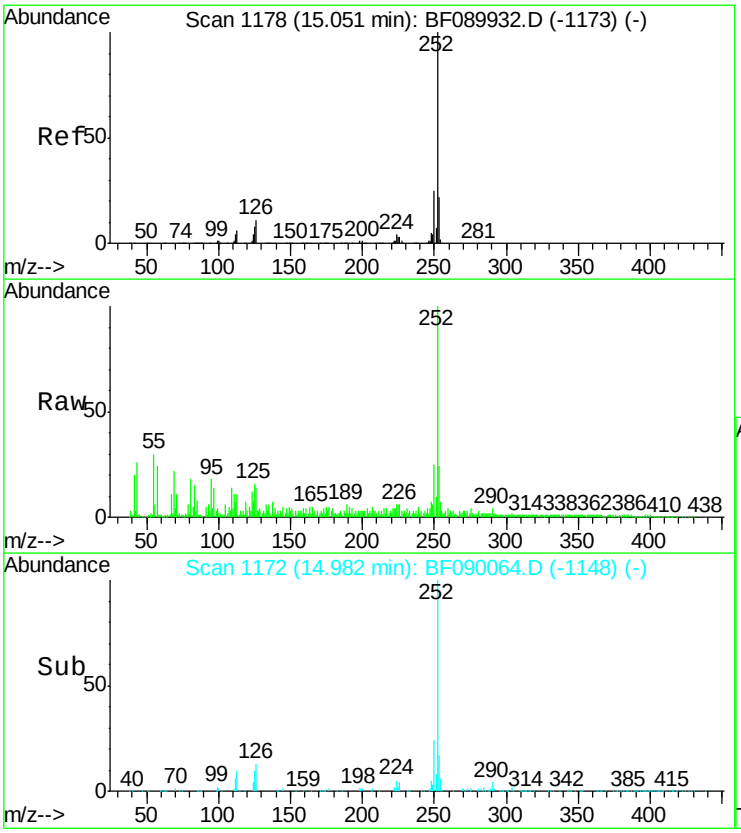
#88
Benzo(k)fluoranthene
Concen: 9.05 ng m
RT: 14.69 min Scan# 1146
Delta R.T. -0.05 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Instrument :
BNA_F
ClientSampleId :
EME-BAYSHORE-EMBANKMENT

Tgt Ion:252 Resp: 144108

Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.8	26.8#
125	17.1	7.3	10.9#

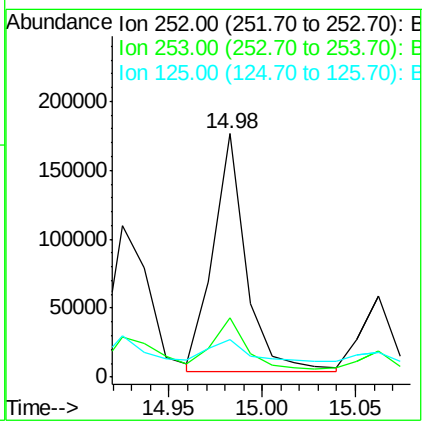


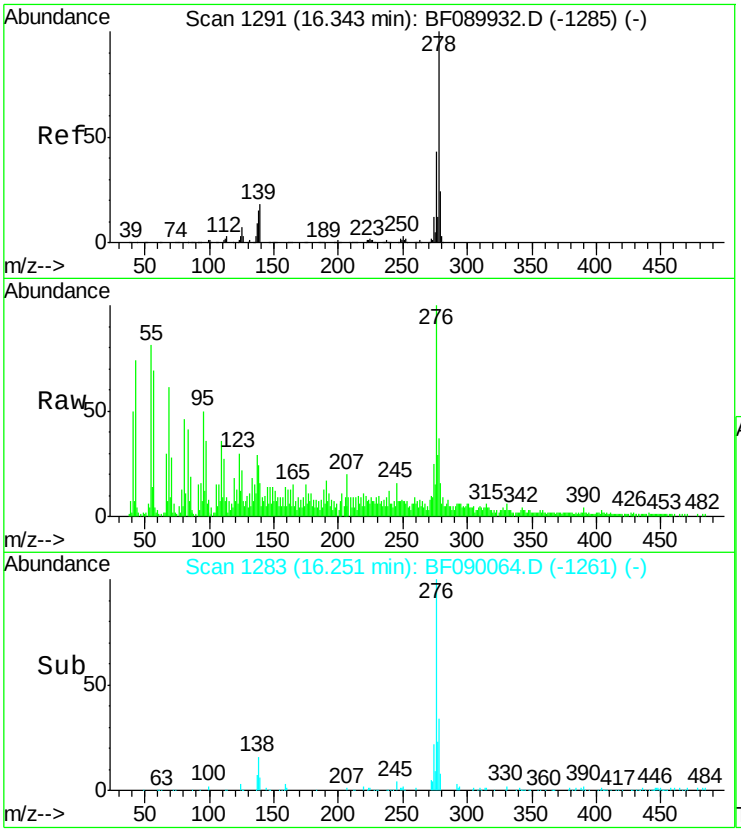


#89
Benzo(a)pyrene
Concen: 13.31 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Tgt Ion:252 Resp: 214142

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	15.6	6.3	9.5#



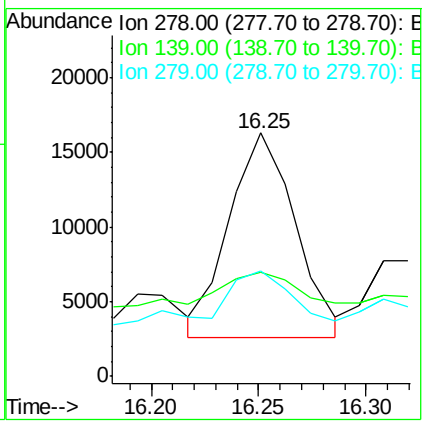


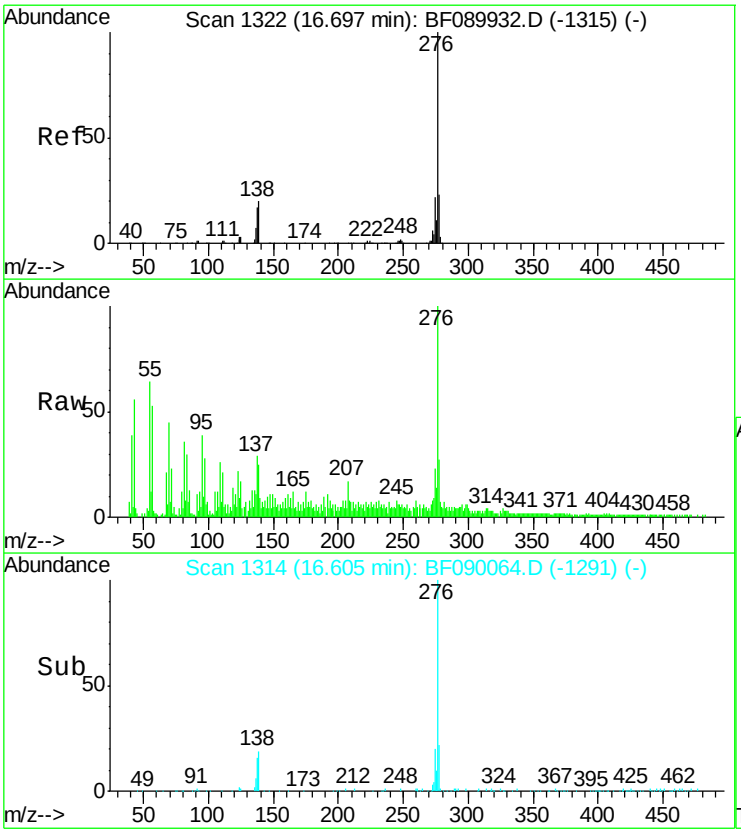
#90
Dibenzo(a,h)anthracene
Concen: 2.50 ng m
RT: 16.25 min Scan# 1283
Delta R.T. -0.05 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Instrument :
BNA_F
ClientSampleId :
EME-BAYSHORE-EMBANKMENT

Tgt Ion:278 Resp: 29456

Ion	Ratio	Lower	Upper
278	100		
139	42.6	13.4	20.2#
279	43.3	19.4	29.2#





#91
Benzo(g,h,i)perylene
Concen: 8.94 ng
RT: 16.61 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BF090064.D
Acq: 12 Sep 2016 15:35

Tgt Ion:276 Resp: 106087

Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.0	28.4
138	24.8	16.4	24.6#