Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051616\
Data File : BF087092.D
Acq On : 16 May 2016 20:22
Operator : UM/SJ
Sample : H3038-01RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WEST-ABOUTMENT-N.SIDE

Quant Time: May 17 00:57:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	445270	20.00	ng		0.07
21) Naphthalene-d8	7.90	136	583031	20.00	ng		-0.09
38) Acenaphthene-d10	9.64	164	237014	20.00	ng		-0.09
63) Phenanthrene-d10	11.12	188	387529	20.00	ng		-0.09
75) Chrysene-d12	13.75	240	309068	20.00	ng		-0.09
86) Perylene-d12	15.11	264	245705	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	908876	34.57	ng		-0.09
7) Phenol-d6	6.27	99	1161305	33.05	ng		-0.09
23) Nitrobenzene-d5	7.18	82	746493	64.29	ng		-0.09
41) 2,4,6-Tribromophenol	10.43	330	212296	84.61	ng		-0.09
44) 2-Fluorobiphenyl	8.97	172	1099325	77.95	ng		-0.09
78) Terphenyl-d14	12.71	244	920938	63.22	ng		-0.09
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.18	70	102500	4.17	ng	#	71
25) Isophorone	7.18	82	683539	31.73	ng	#	68
49) Dimethylphthalate	9.37	163	128806	7.12	ng		100
55) 4-Nitrophenol	9.85	139	5698	6.57	ng	#	17
56) 2,4-Dinitrotoluene	9.64	165	30170	6.41	ng	#	17
66) 4-Bromophenyl-phenylether	10.43	248	13756	3.50	ng	#	1
70) Phenanthrene	11.14	178	429942	20.79	ng		99
71) Anthracene	11.20	178	100782	4.76	ng		98
74) Fluoranthene	12.33	202	646843	30.41	ng		92
77) Pyrene	12.55	202	561959	23.75	ng		97
80) Benzo(a)anthracene	13.74	228	306722	17.68	ng		99
82) Chrysene	13.77	228	226053	12.81	ng		99
85) Indeno(1,2,3-cd)pyrene	16.35	276	96588	6.58	ng	#	90
87) Benzo(b)fluoranthene	14.74	252	362395	22.69	ng		97
88) Benzo(k)fluoranthene	14.74	252	362395	27.72	ng		99
89) Benzo(a)pyrene	15.06	252	182445	13.25	ng		97
91) Benzo(g,h,i)perylene	16.73	276	83219	7.06	ng		96

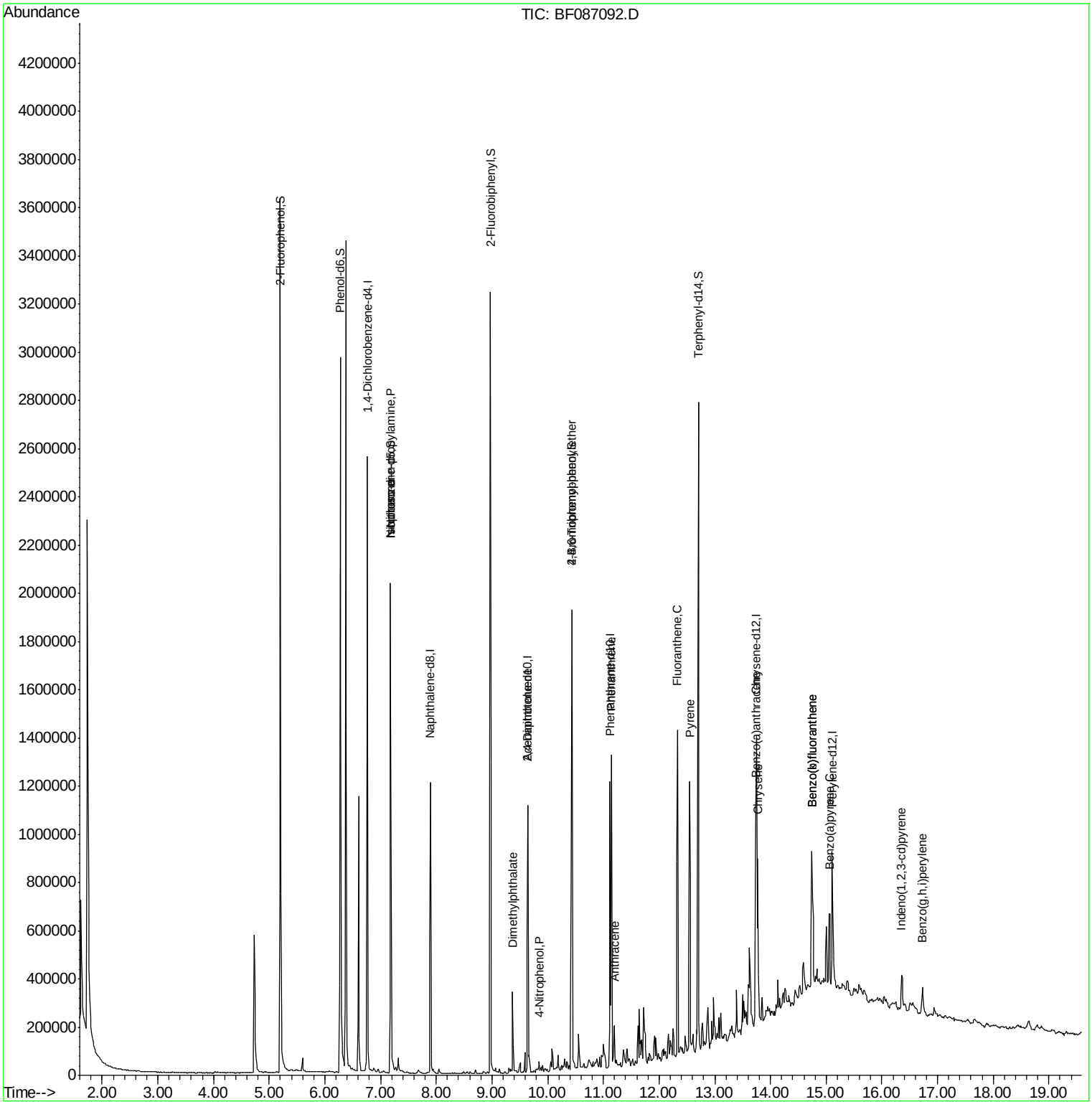
(#) = qualifier out of range (m) = manual integration (+) = signals summed

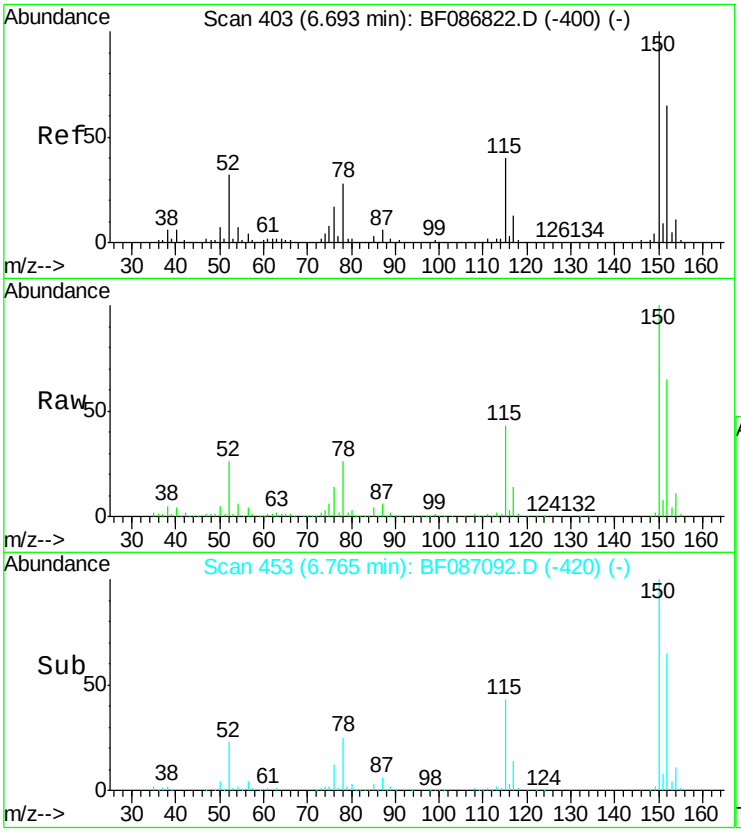
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051616\
Data File : BF087092.D
Acq On : 16 May 2016 20:22
Operator : UM/SJ
Sample : H3038-01RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ABOUTMENT-N.SIDE

Quant Time: May 17 00:57:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration



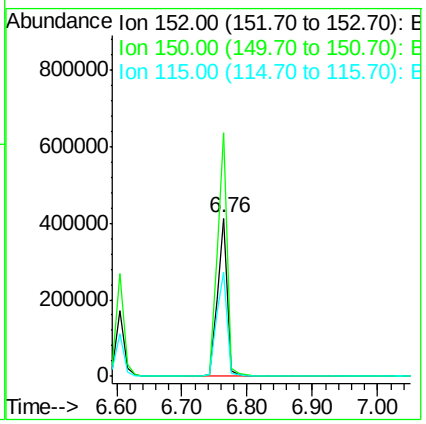


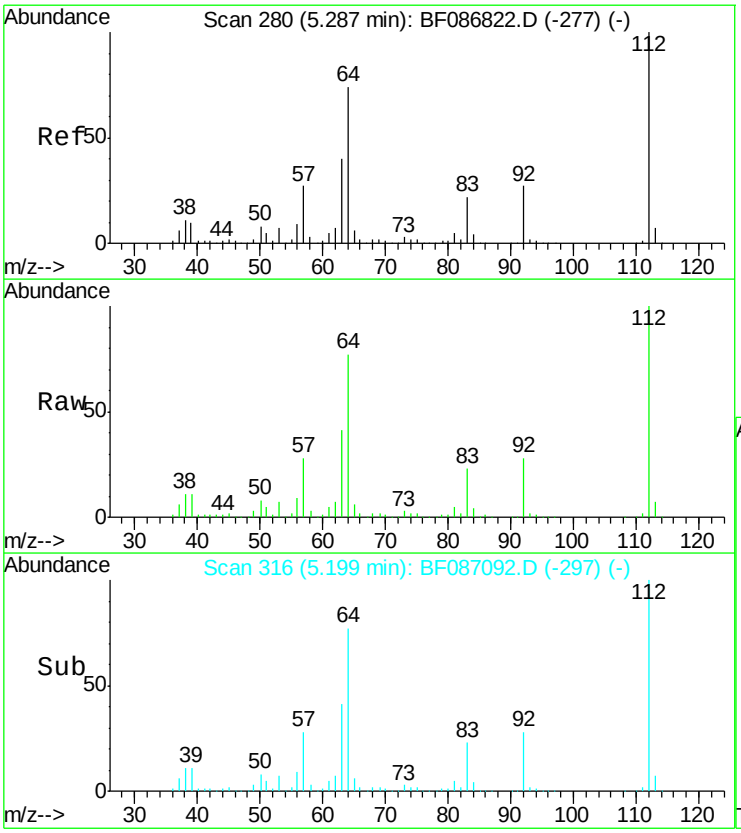
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.07 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Instrument :
BNA_F
ClientSampleId :
WEST-ABOUTMENT-N.SIDE

Tgt Ion:152 Resp: 445270

Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.8	188.6
115	65.8	51.5	77.3

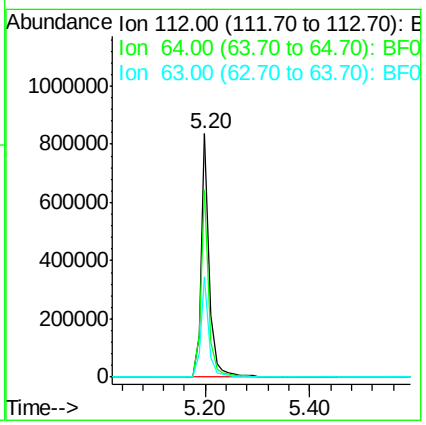


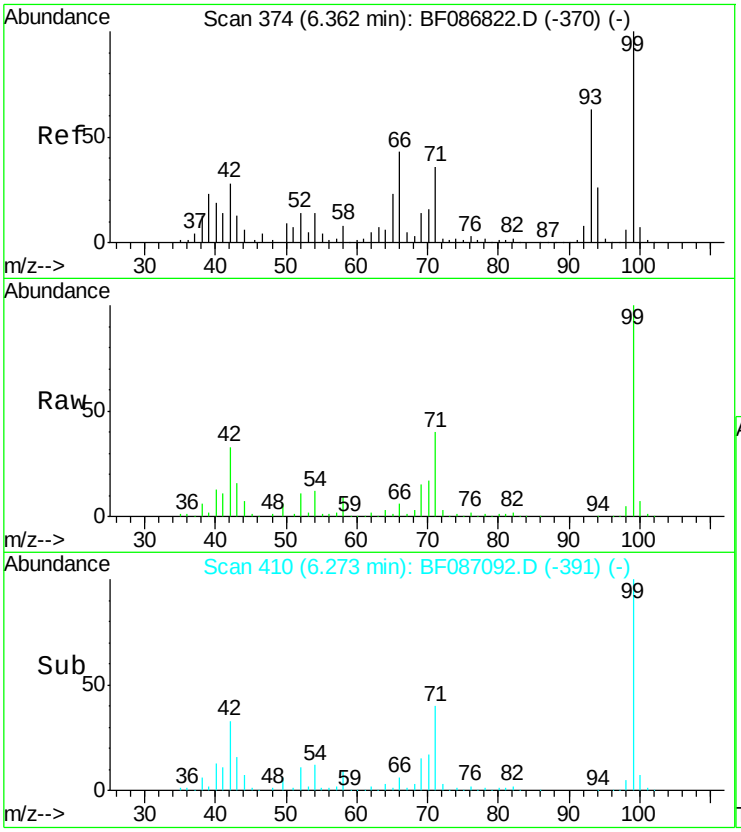


#5
2-Fluorophenol
Concen: 34.57 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.09 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:112 Resp: 908876

Ion	Ratio	Lower	Upper
112	100		
64	76.8	52.1	78.1
63	41.4	25.7	38.5#



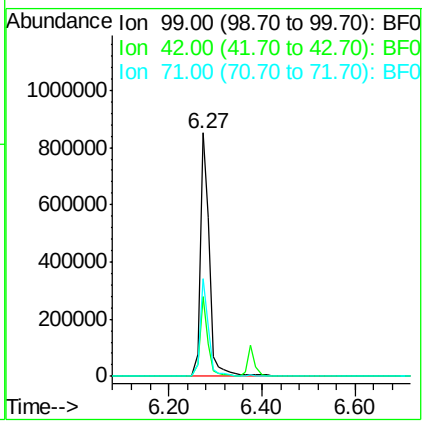


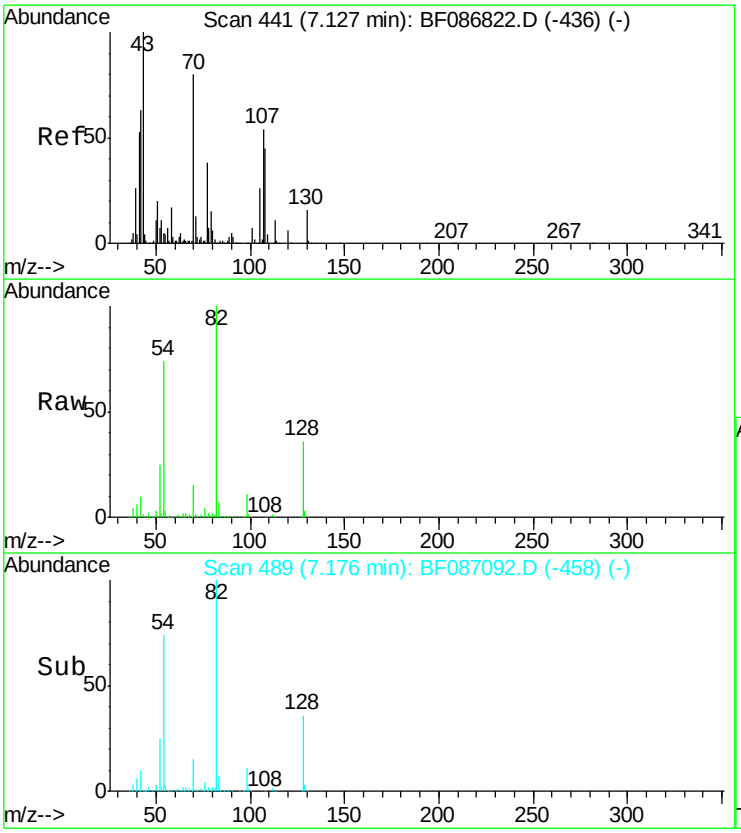
#7
Phenol-d6
Concen: 33.05 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.09 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Instrument :
BNA_F
ClientSampleId :
WEST-ABOUTMENT-N.SIDE

Tgt Ion: 99 Resp: 1161305

Ion	Ratio	Lower	Upper
99	100		
42	32.8	13.6	20.4#
71	40.4	24.6	36.8#

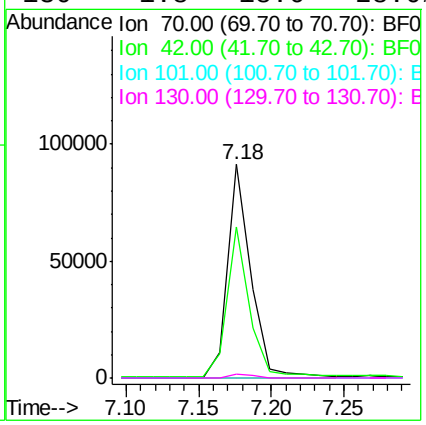


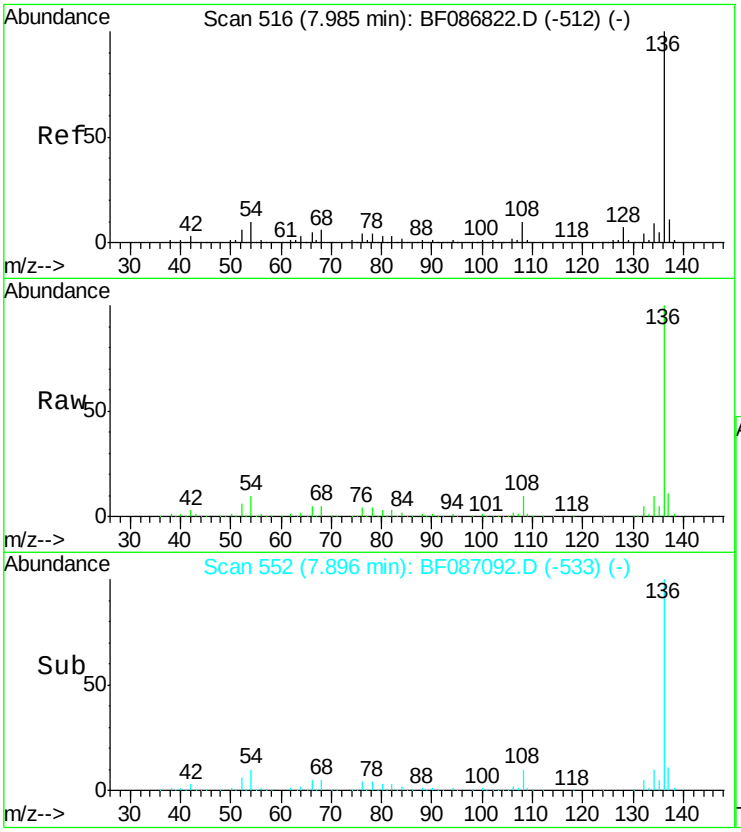


#19
n-Nitroso-di-n-propylamine
Concen: 4.17 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.05 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion: 70 Resp: 102500

Ion	Ratio	Lower	Upper
70	100		
42	70.5	43.1	64.7#
101	0.0	8.1	12.1#
130	1.8	18.6	28.0#



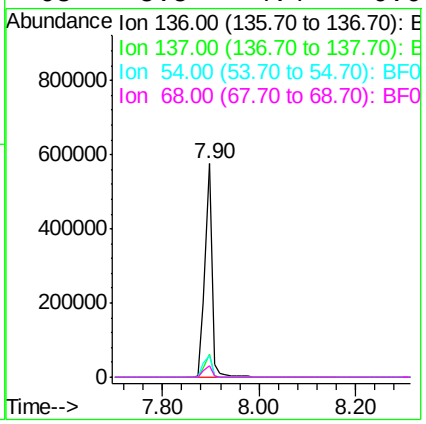


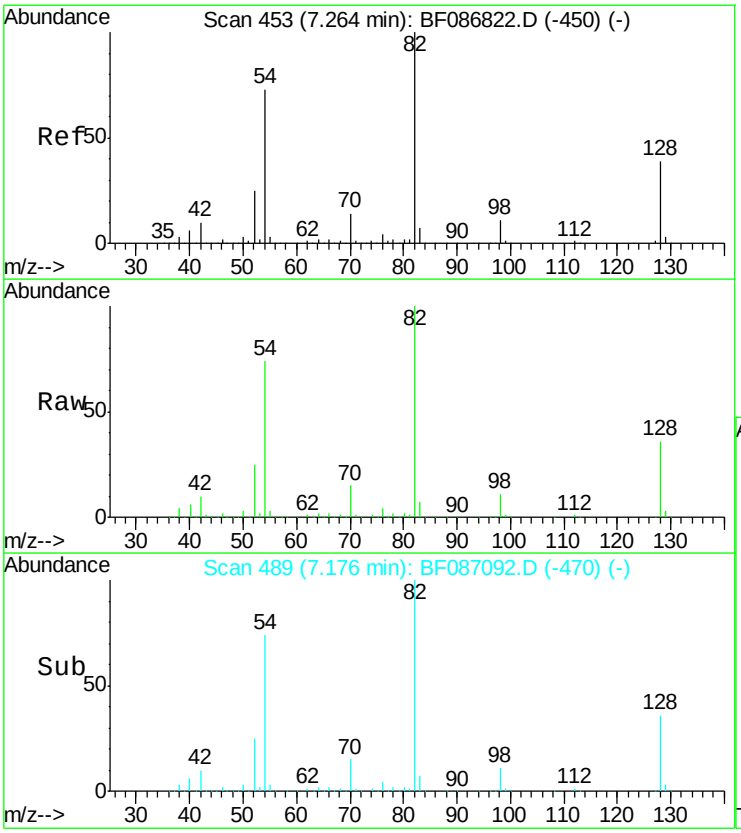
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Instrument :
BNA_F
ClientSampleId :
WEST-ABOUTMENT-N.SIDE

Tgt Ion:136 Resp: 583031

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.1	5.0	7.4#
68	5.5	4.4	6.6

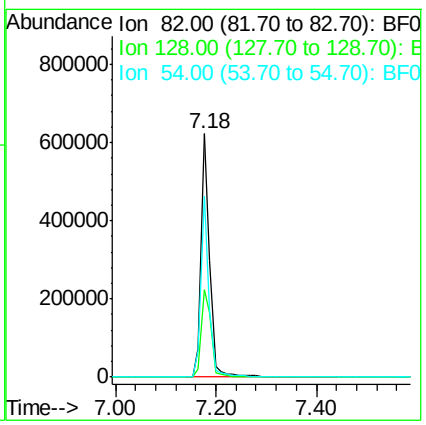


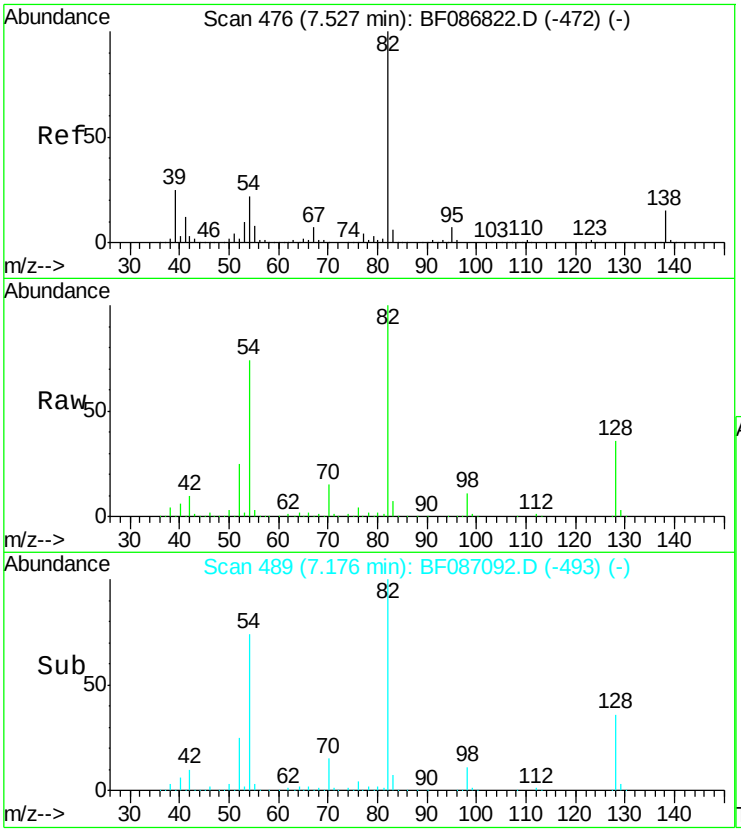


#23
Nitrobenzene-d5
Concen: 64.29 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.09 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion: 82 Resp: 746493

Ion	Ratio	Lower	Upper
82	100		
128	36.1	40.6	61.0#
54	74.3	38.1	57.1#



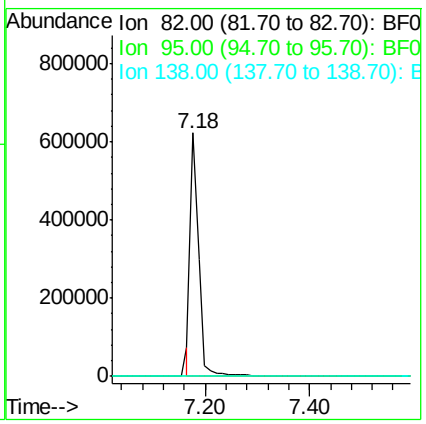


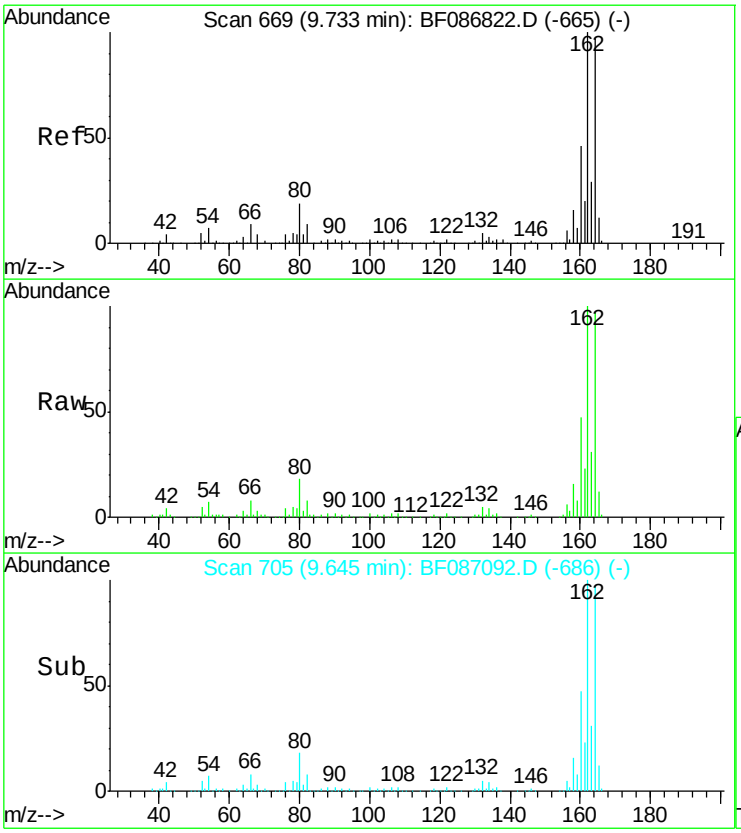
#25
Isophorone
Concen: 31.73 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.35 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Instrument :
BNA_F
ClientSampleId :
WEST-ABOUTMENT-N.SIDE

Tgt Ion: 82 Resp: 683539

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

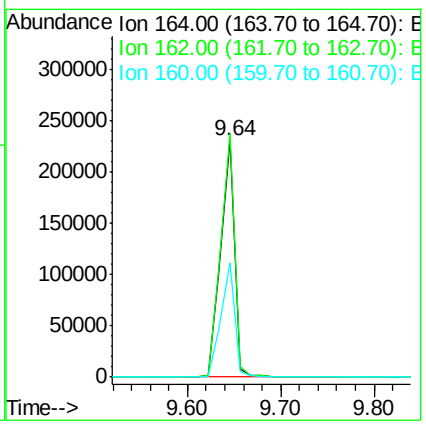


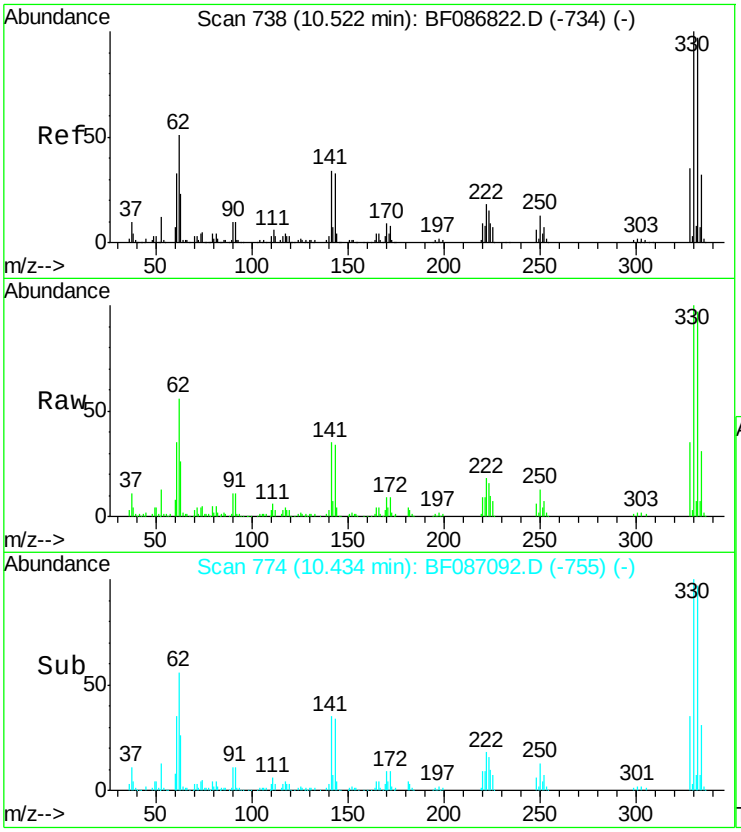


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:164 Resp: 237014

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.8	124.2
160	48.3	36.9	55.3



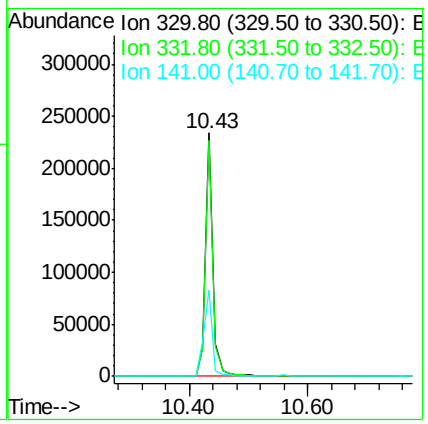


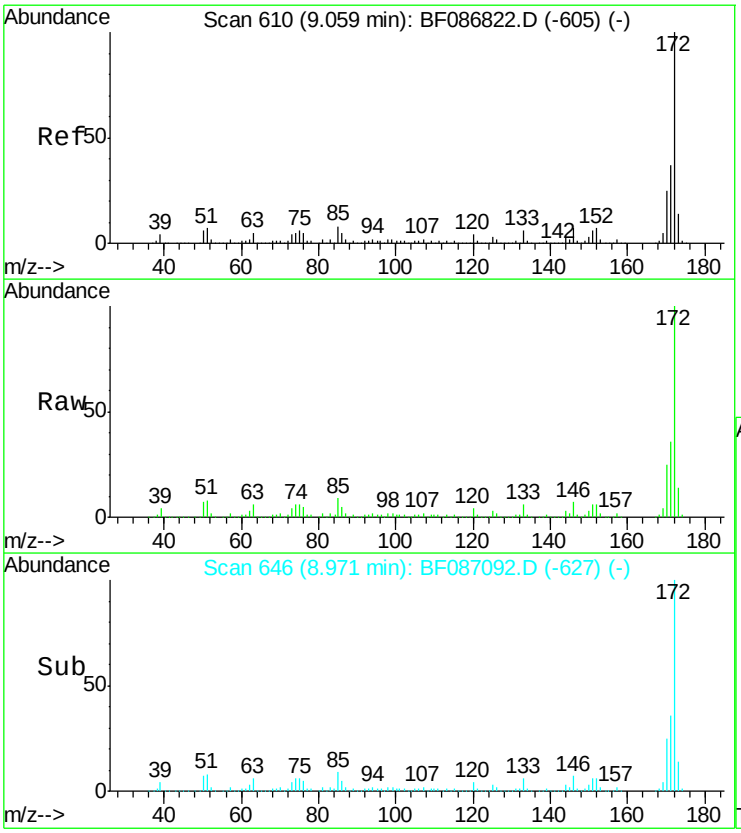
#41
2,4,6-Tribromophenol
Concen: 84.61 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.09 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Instrument :
BNA_F
ClientSampleId :
WEST-ABOUTMENT-N.SIDE

Tgt Ion:330 Resp: 212296

Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.0	118.4
141	41.4	31.2	46.8

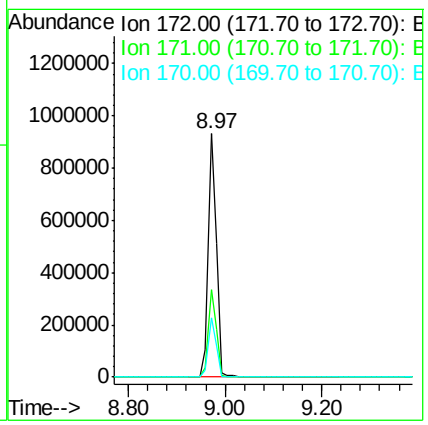


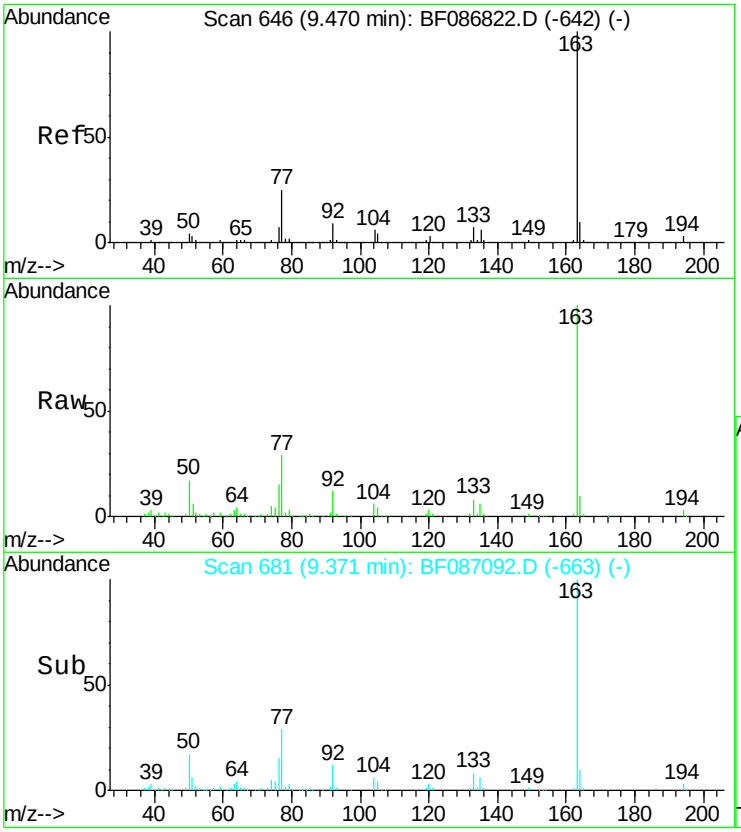


#44
2-Fluorobiphenyl
Concen: 77.95 ng
RT: 8.97 min Scan# 646
Delta R.T. -0.09 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:172 Resp: 1099325

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.5	19.8	29.8



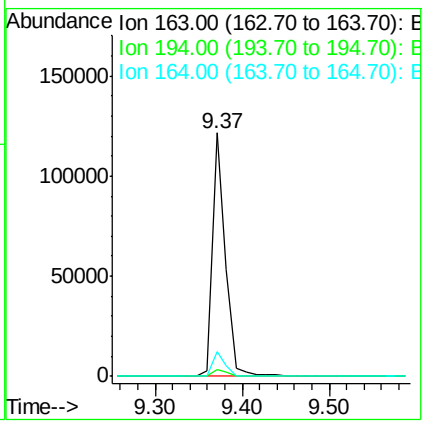


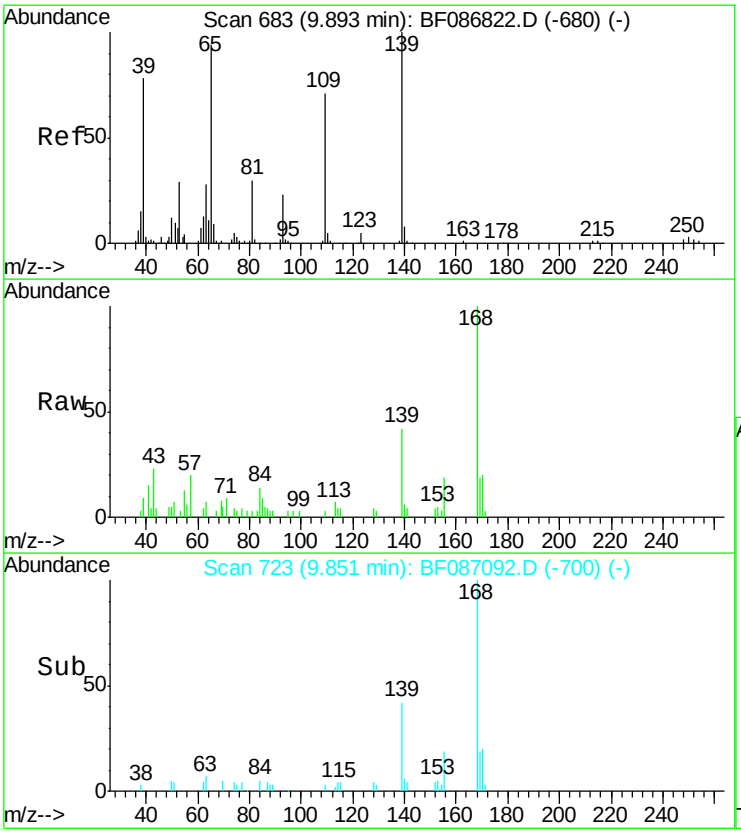
#49
Dimethylphthalate
Concen: 7.12 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.10 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Instrument :
BNA_F
ClientSampleId :
WEST-ABOUTMENT-N.SIDE

Tgt Ion:163 Resp: 128806

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.4	8.2	12.4

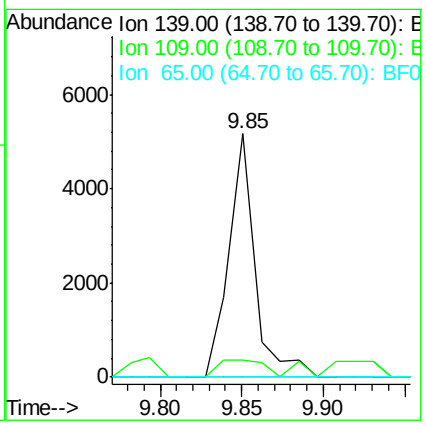


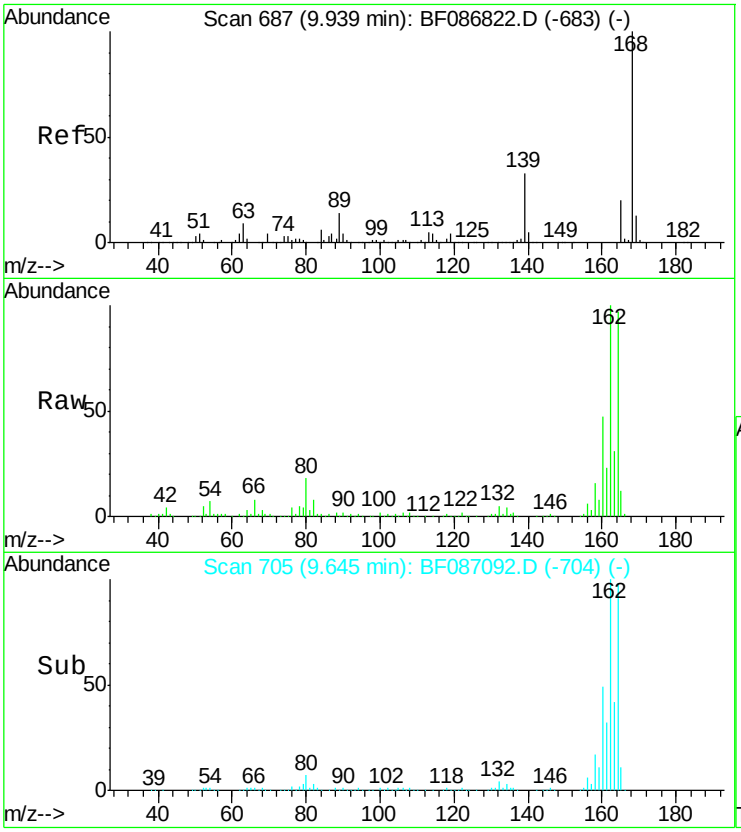


#55
4-Nitrophenol
Concen: 6.57 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.04 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:139 Resp: 5698

Ion	Ratio	Lower	Upper
139	100		
109	7.2	36.9	76.9#
65	0.0	64.0	104.0#



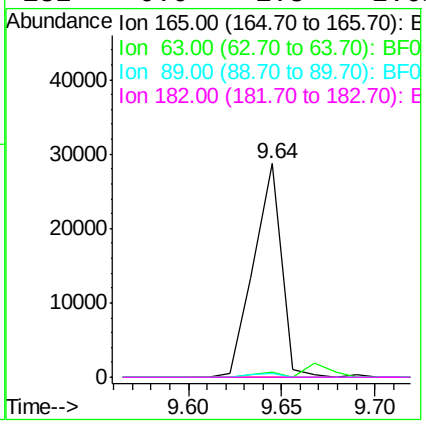


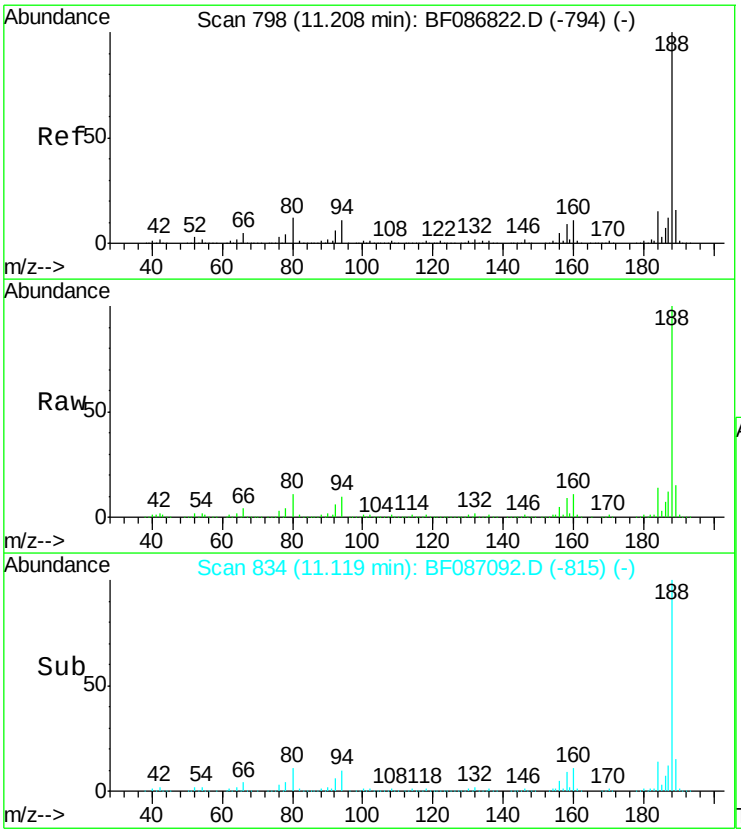
#56
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.29 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Instrument :
BNA_F
ClientSampleId :
WEST-ABOUTMENT-N.SIDE

Tgt Ion:165 Resp: 30170

Ion	Ratio	Lower	Upper
165	100		
63	2.7	44.3	66.5#
89	2.0	70.0	105.0#
182	0.0	1.8	2.6#

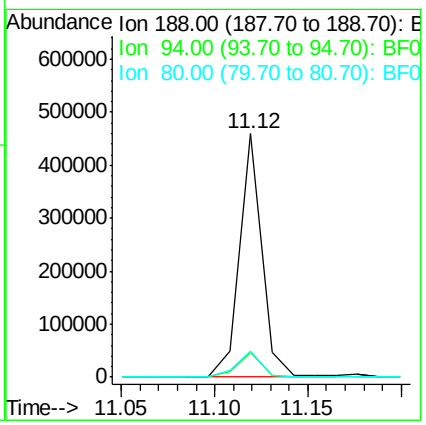


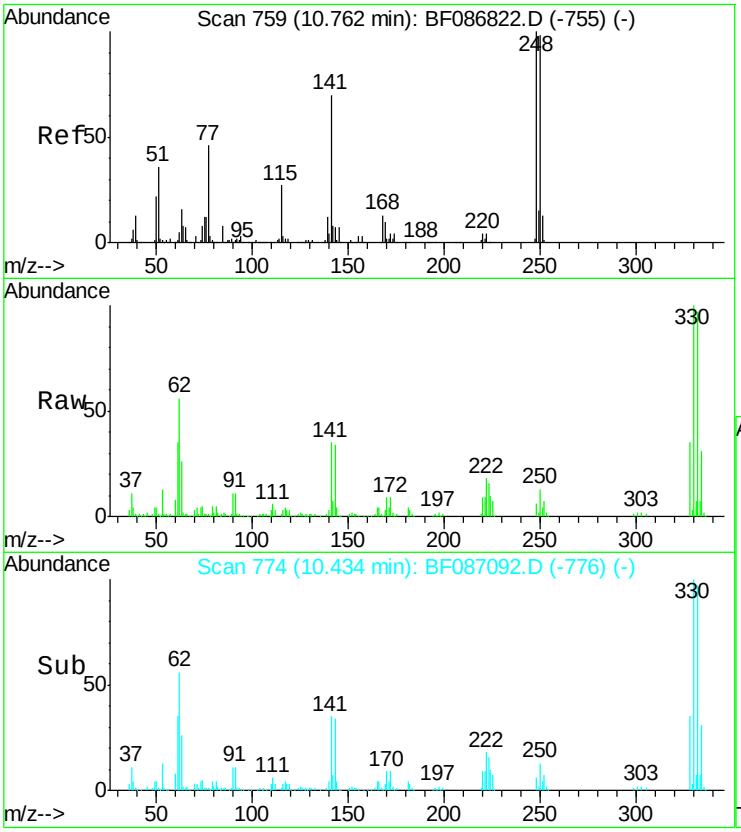


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.09 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:188 Resp: 387529

Ion	Ratio	Lower	Upper
188	100		
94	10.1	6.8	10.2
80	10.7	7.1	10.7#



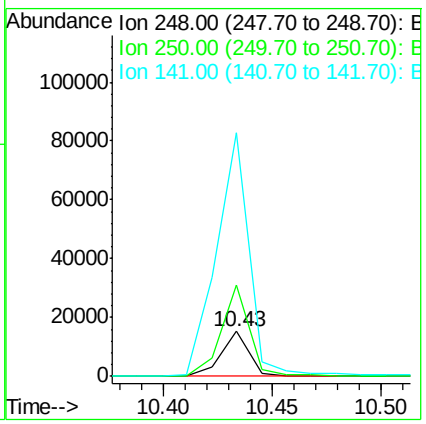


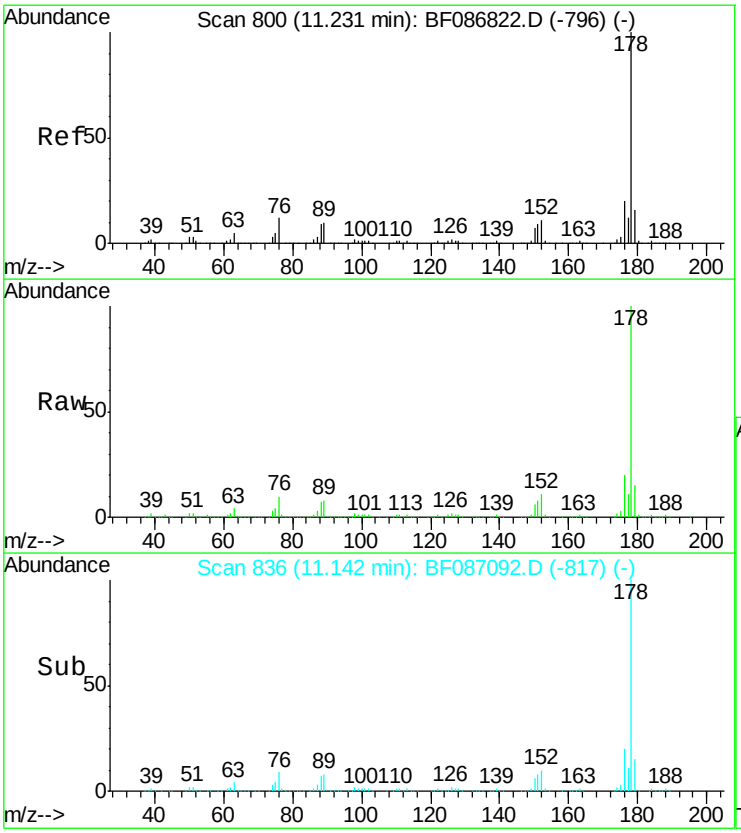
#66
4-Bromophenyl-phenylether
Concen: 3.50 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.33 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Instrument :
BNA_F
ClientSampleId :
WEST-ABOUTMENT-N.SIDE

Tgt Ion:248 Resp: 13756

Ion	Ratio	Lower	Upper
248	100		
250	204.2	78.6	117.8#
141	545.2	76.0	114.0#

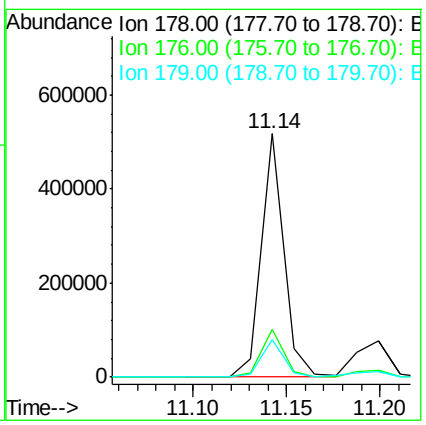


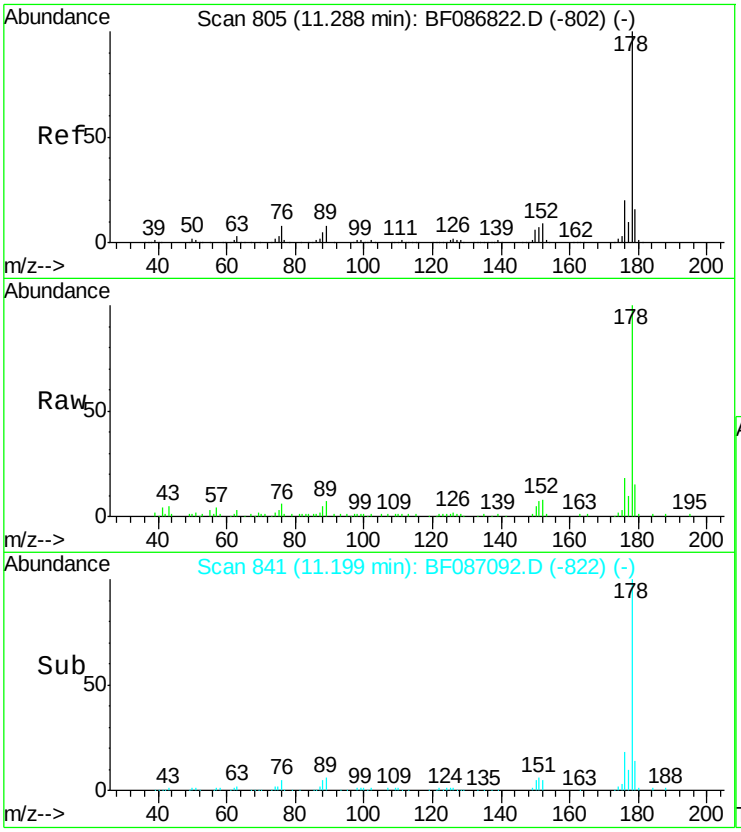


#70
Phenanthrene
Concen: 20.79 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.09 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:178 Resp: 429942

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	15.4	12.6	18.8



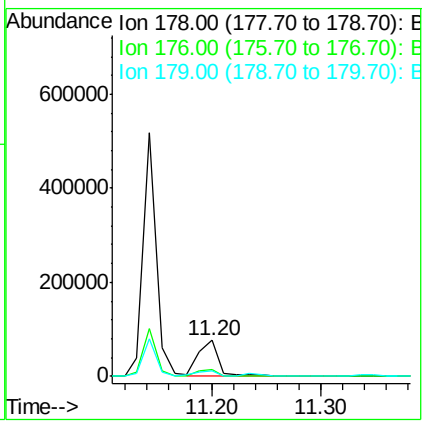


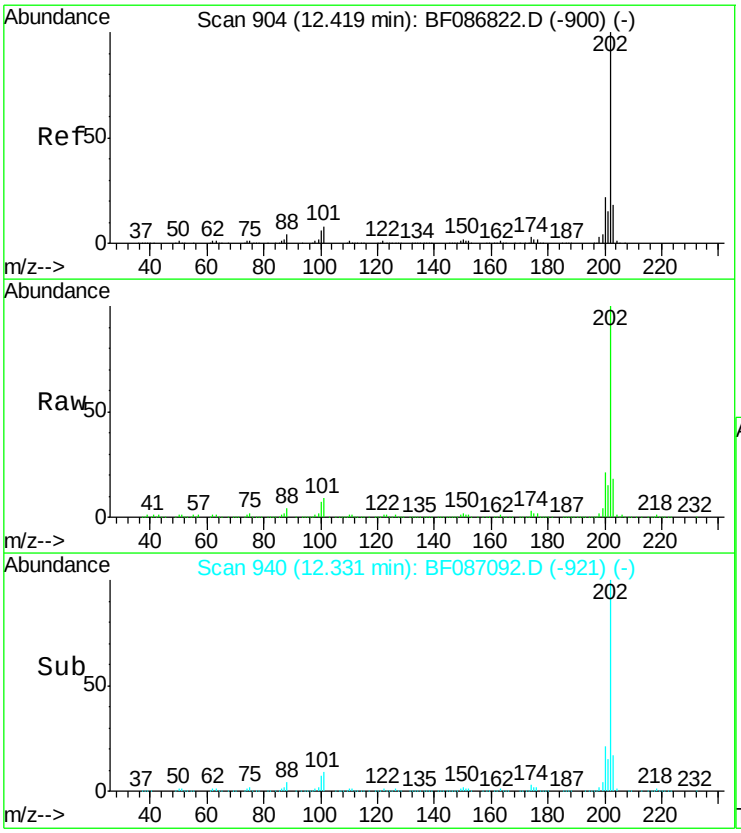
#71
Anthracene
Concen: 4.76 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.09 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Instrument :
BNA_F
ClientSampleId :
WEST-ABOUTMENT-N.SIDE

Tgt Ion:178 Resp: 100782

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	15.1	12.7	19.1

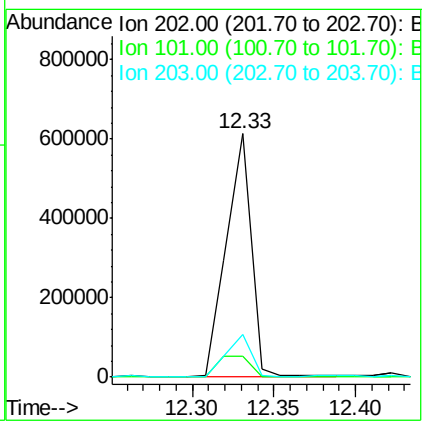


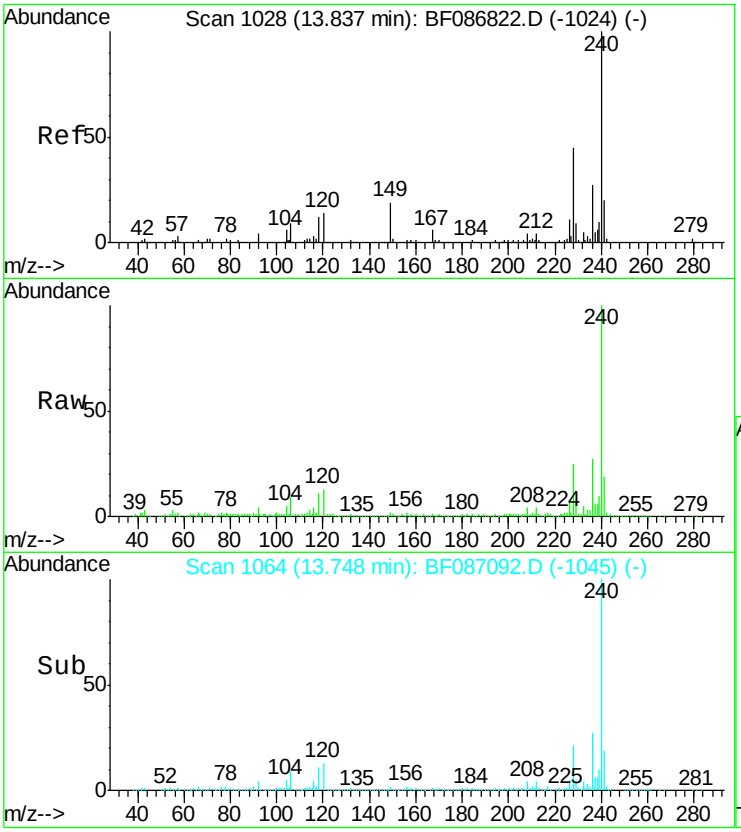


#74
Fluoranthene
Concen: 30.41 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.09 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:202 Resp: 646843

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	35.4
203	17.5	0.0	38.1



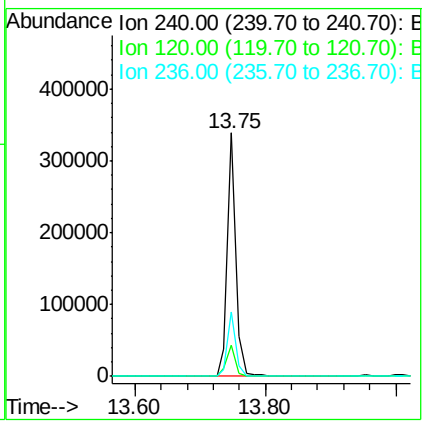


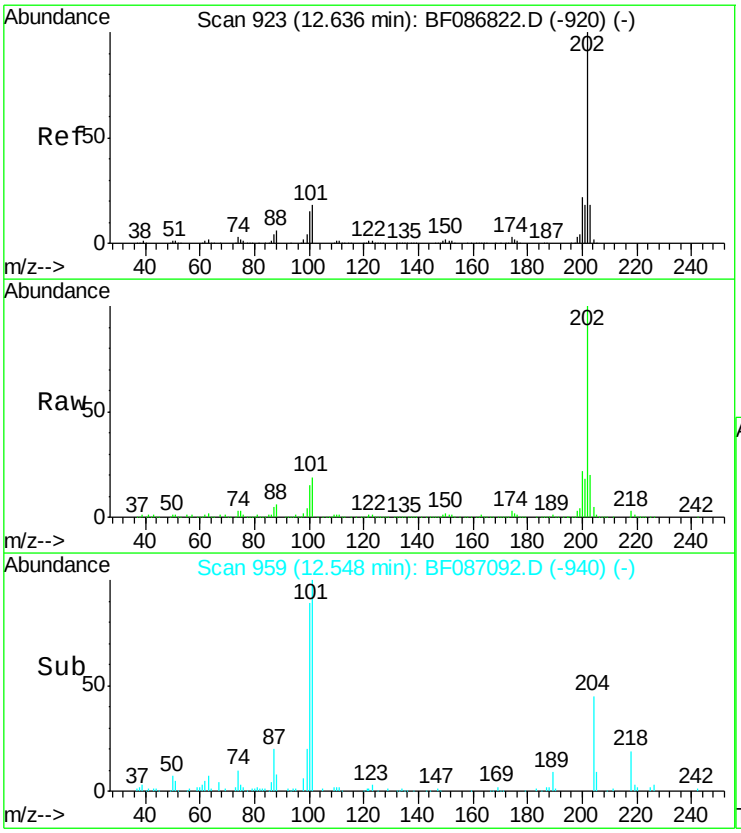
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.09 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Instrument :
BNA_F
ClientSampleId :
WEST-ABOUTMENT-N.SIDE

Tgt Ion:240 Resp: 309068

Ion	Ratio	Lower	Upper
240	100		
120	12.8	11.2	16.8
236	26.7	21.2	31.8

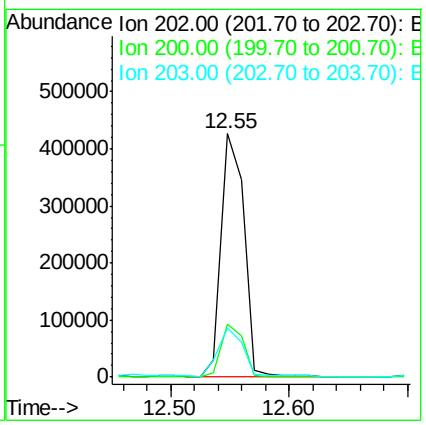


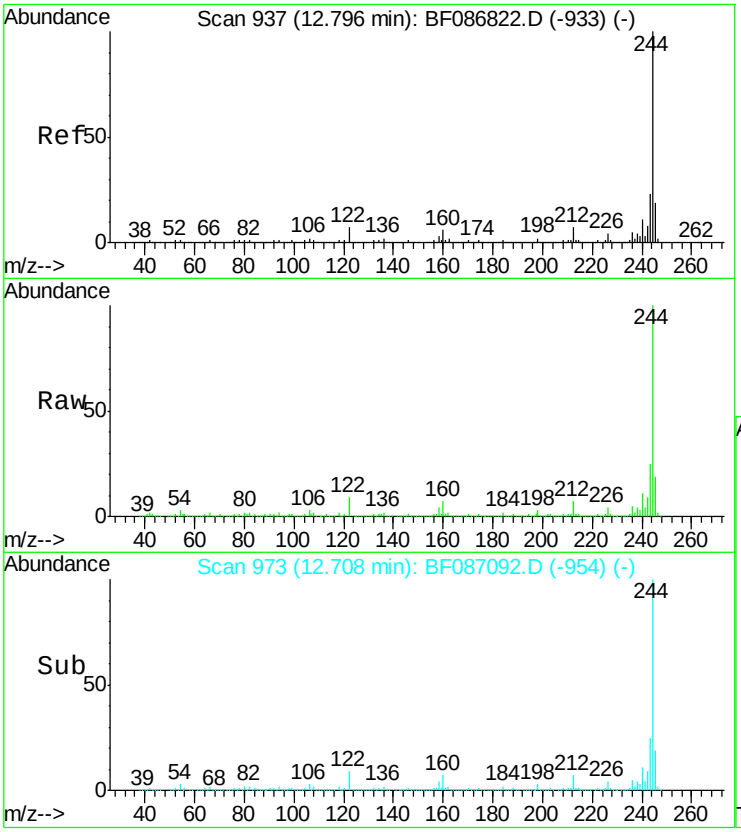


#77
Pyrene
Concen: 23.75 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.09 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:202 Resp: 561959

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	20.3	14.2	21.4



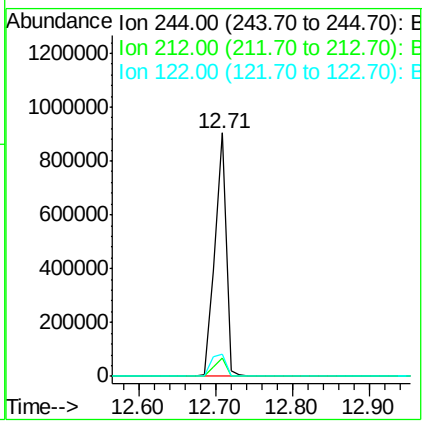


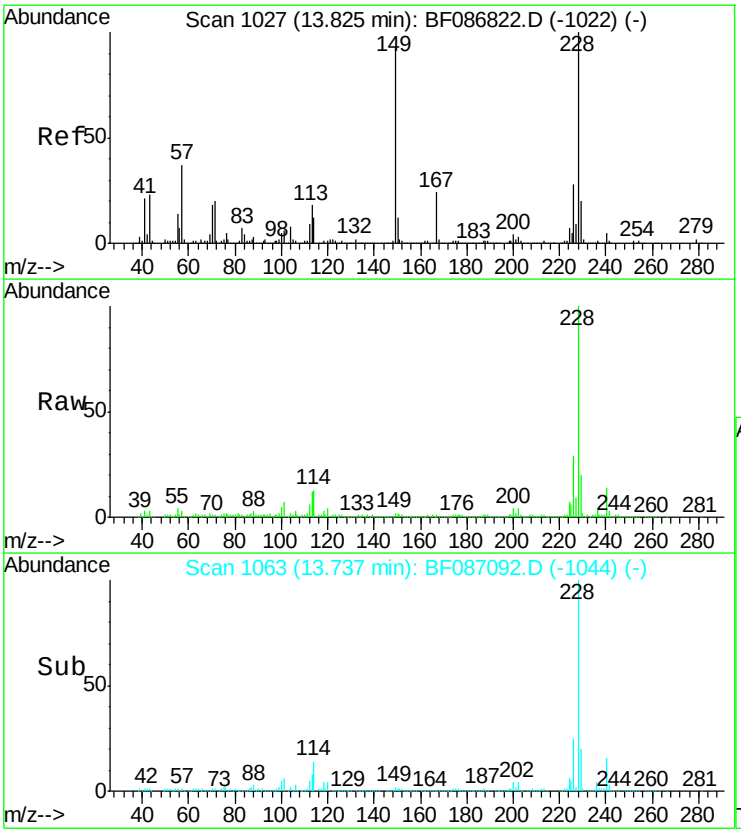
#78
Terphenyl-d14
Concen: 63.22 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.09 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Instrument :
BNA_F
ClientSampleId :
WEST-ABOUTMENT-N.SIDE

Tgt Ion:244 Resp: 920938

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	9.1	12.0	18.0#

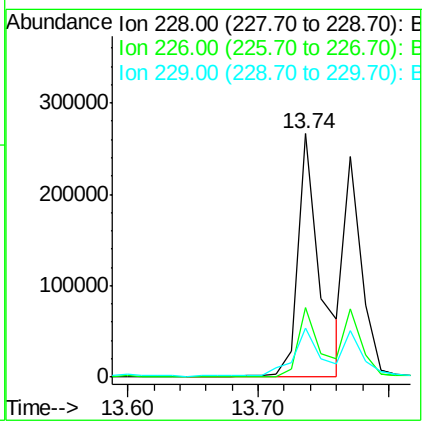


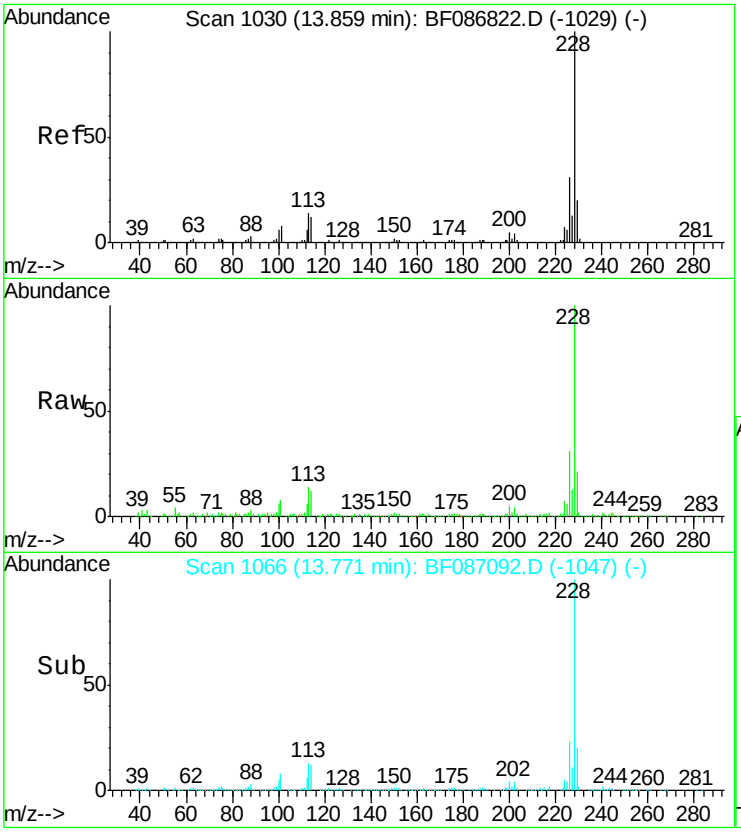


#80
Benzo(a)anthracene
Concen: 17.68 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.09 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:228 Resp: 306722

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.5	33.7
229	20.1	16.6	25.0



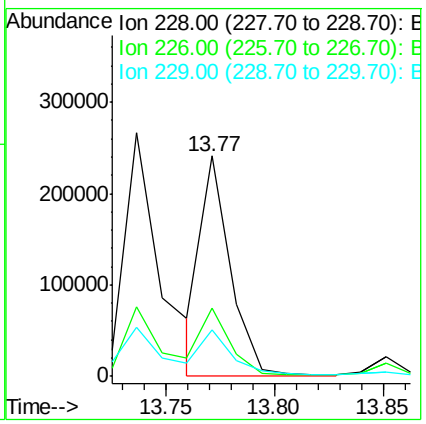


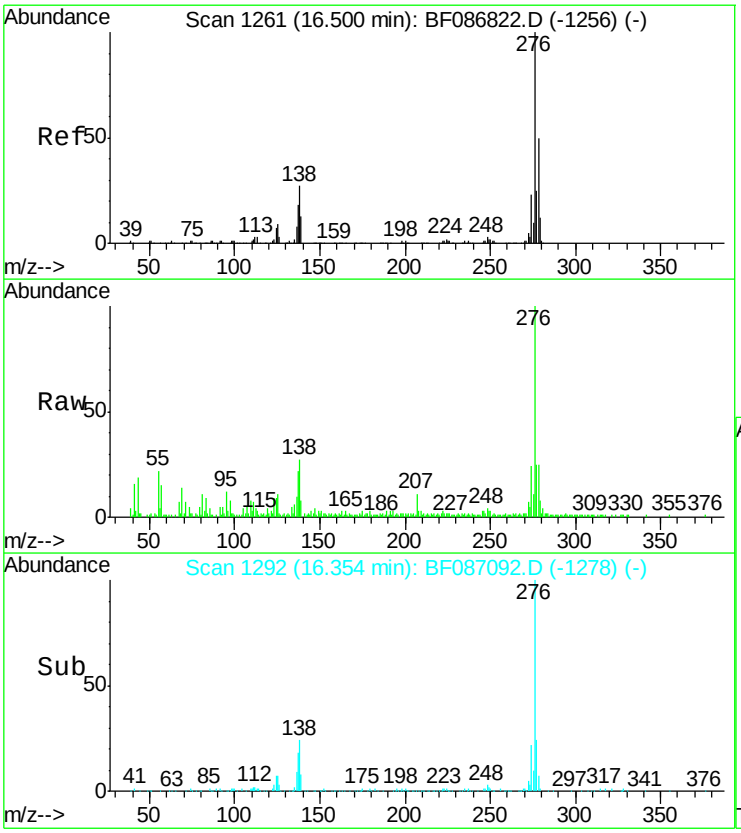
#82
Chrysene
Concen: 12.81 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.09 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Instrument :
BNA_F
ClientSampleId :
WEST-ABOUTMENT-N.SIDE

Tgt Ion:228 Resp: 226053

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	21.2	15.8	23.8

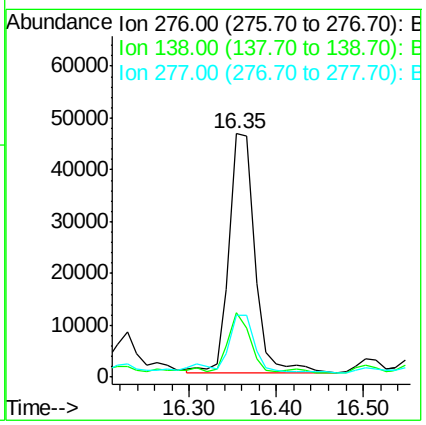


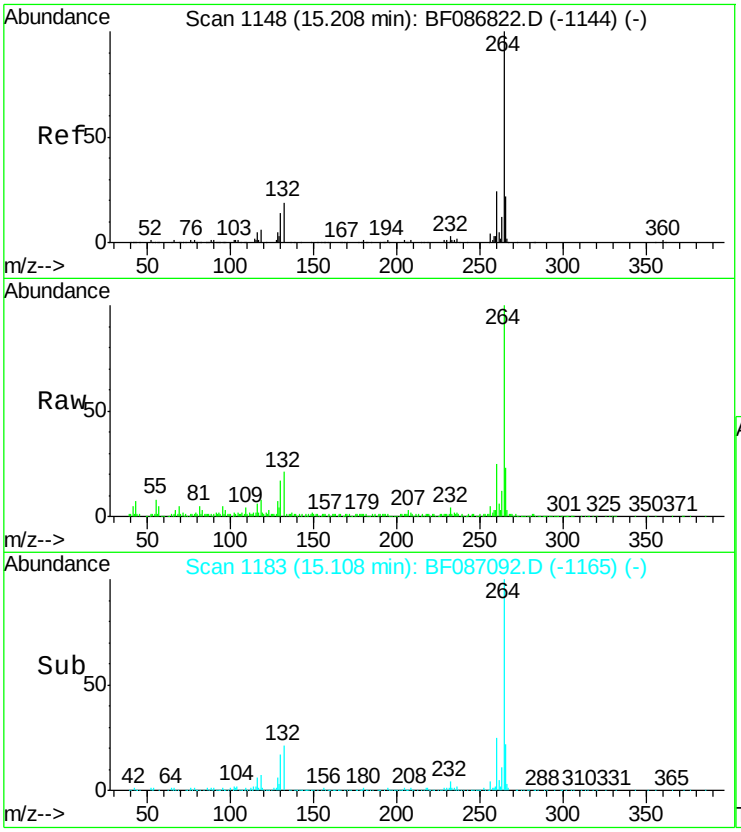


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.58 ng
RT: 16.35 min Scan# 1292
Delta R.T. -0.15 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:276 Resp: 96588

Ion	Ratio	Lower	Upper
276	100		
138	25.0	25.6	38.4#
277	29.0	20.5	30.7



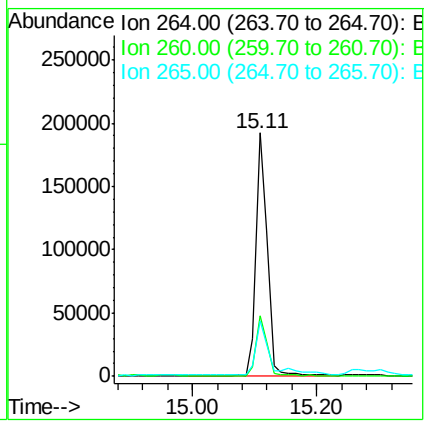


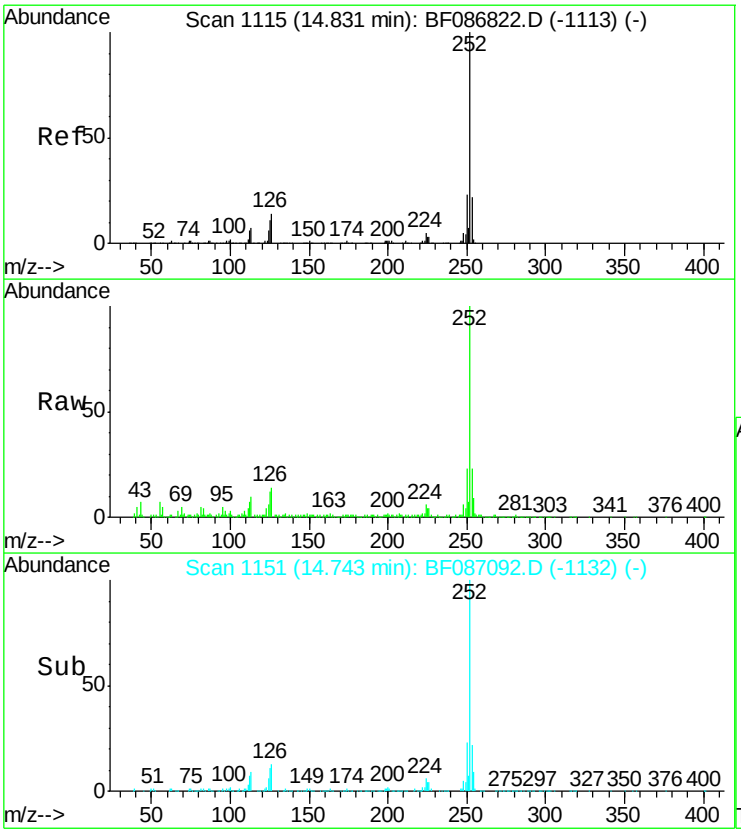
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.10 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Instrument :
BNA_F
ClientSampleId :
WEST-ABOUTMENT-N.SIDE

Tgt Ion:264 Resp: 245705

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.7	17.3	25.9

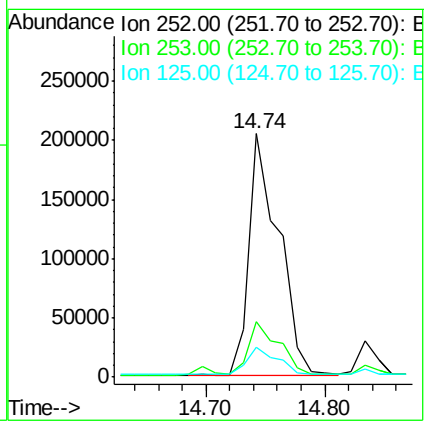


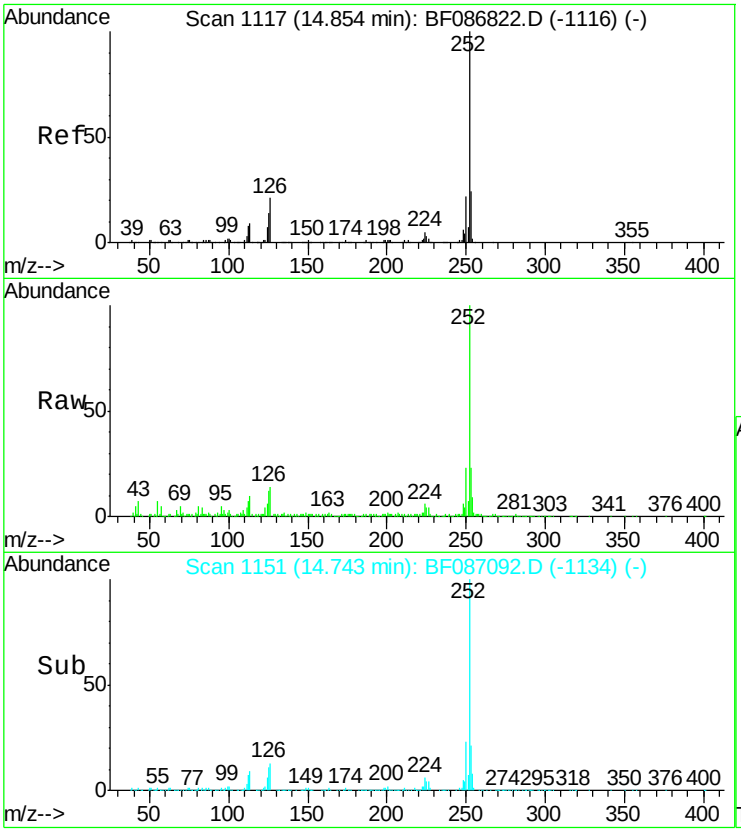


#87
Benzo(b)fluoranthene
Concen: 22.69 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.09 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:252 Resp: 362395

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	12.2	11.4	17.0



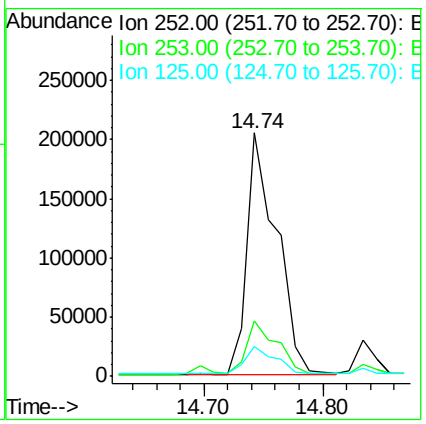


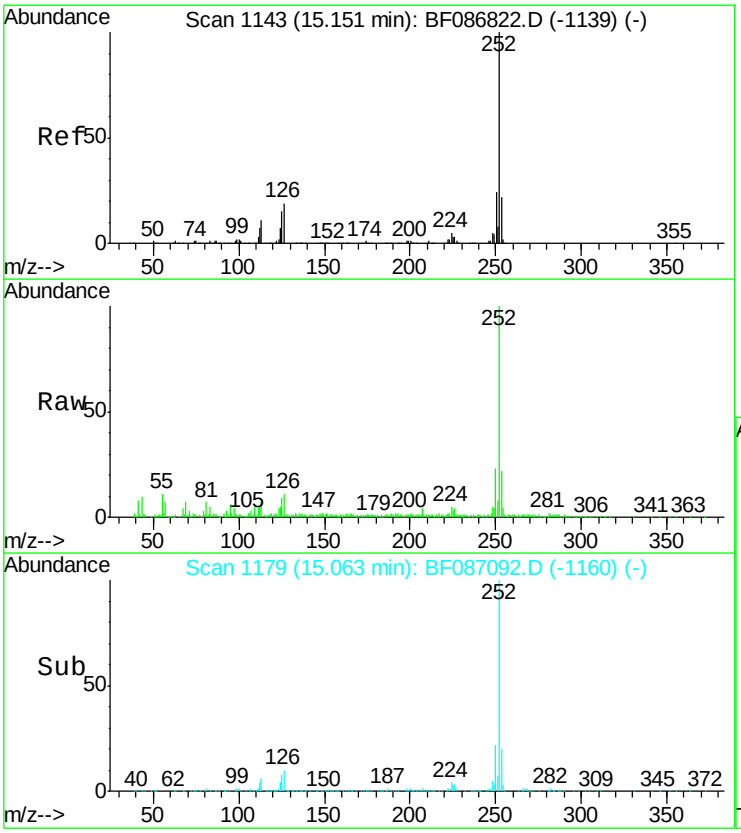
#88
Benzo(k)fluoranthene
Concen: 27.72 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.11 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Instrument :
BNA_F
ClientSampleId :
WEST-ABOUTMENT-N.SIDE

Tgt Ion:252 Resp: 362395

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	12.2	9.1	13.7

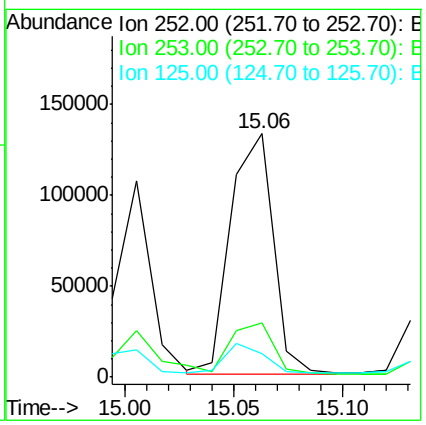


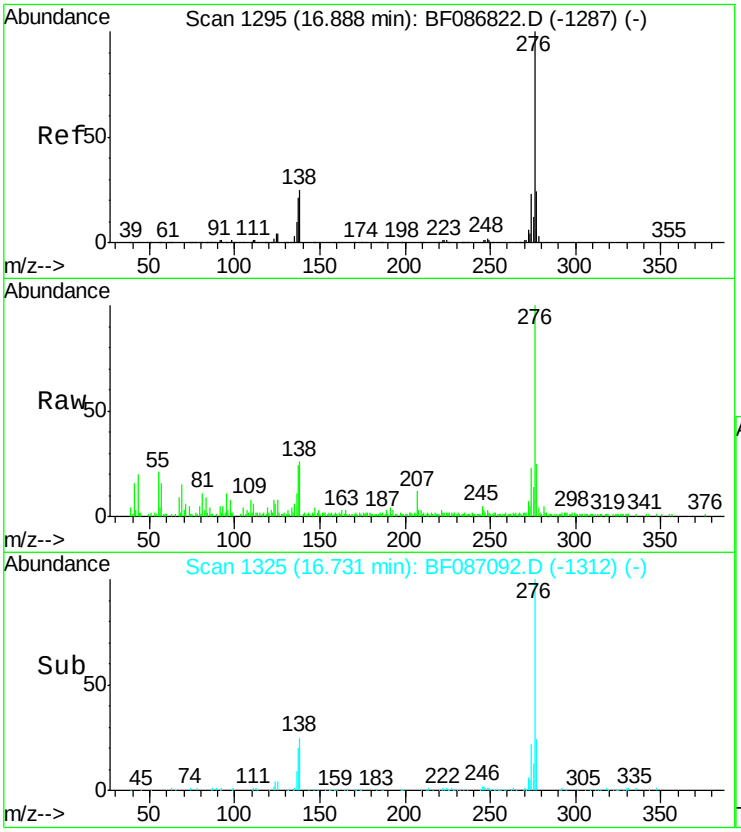


#89
Benzo(a)pyrene
Concen: 13.25 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.09 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:252 Resp: 182445

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	9.5	9.0	13.6





#91
Benzo(g,h,i)perylene
Concen: 7.06 ng
RT: 16.73 min Scan# 1325
Delta R.T. -0.16 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Instrument :
BNA_F
ClientSampleId :
WEST-ABOUTMENT-N.SIDE

Tgt Ion:276 Resp: 83219

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.6	29.4
138	26.2	23.6	35.4