Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087070.D
Acq On : 15 May 2016 15:28
Operator : UM/SJ
Sample : H3038-01
Misc :
ALS Vial : 89 Sample Multiplier: 1

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

Quant Time: May 16 04:58:16 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	6.62	152	130160	20.00	ng		-0.08
21) Naphthalene-d8	7.90	136	529436	20.00	ng		-0.09
38) Acenaphthene-d10	9.64	164	229894	20.00	ng		-0.09
63) Phenanthrene-d10	11.13	188	377857	20.00	ng		-0.08
75) Chrysene-d12	13.76	240	310943	20.00	ng		-0.08
86) Perylene-d12	15.12	264	287077	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	847870	110.32	ng		-0.08
7) Phenol-d6	6.28	99	1019652	99.27	ng		-0.08
23) Nitrobenzene-d5	7.19	82	751756	71.30	ng		-0.08
41) 2,4,6-Tribromophenol	10.44	330	225270	92.56	ng		-0.08
44) 2-Fluorobiphenyl	8.98	172	1163861	85.08	ng		-0.08
78) Terphenyl-d14	12.71	244	758432	51.75	ng		-0.09
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.19	70	107869	15.03	ng	#	71
25) Isophorone	7.19	82	755433	38.62	ng	#	68
49) Dimethylphthalate	9.38	163	141037	8.04	ng		99
55) 4-Nitrophenol	9.85	139	5419	6.53	ng	#	24
56) 2,4-Dinitrotoluene	9.64	165	30767	6.74	ng	#	16
66) 4-Bromophenyl-phenylether	10.44	248	13401	3.50	ng	#	1
70) Phenanthrene	11.15	178	417933	20.73	ng		99
71) Anthracene	11.20	178	103410	5.01	ng		99
74) Fluoranthene	12.33	202	543318	26.20	ng		99
77) Pyrene	12.56	202	532707	22.38	ng		99
80) Benzo(a)anthracene	13.75	228	320068	18.34	ng		99
82) Chrysene	13.78	228	197282	11.11	ng		98
85) Indeno(1,2,3-cd)pyrene	16.37	276	99402	6.73	ng	#	86
87) Benzo(b)fluoranthene	14.75	252	413999	22.19	ng		97
88) Benzo(k)fluoranthene	14.75	252	413999	27.10	ng		98
89) Benzo(a)pyrene	15.02	252	132438	8.23	ng		95
91) Benzo(g,h,i)perylene	16.74	276	82263	5.97	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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Acq On : 15 May 2016 15:28
Operator : UM/SJ
Sample : H3038-01
Misc :
ALS Vial : 89 Sample Multiplier: 1

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

Quant Time: May 16 04:58:16 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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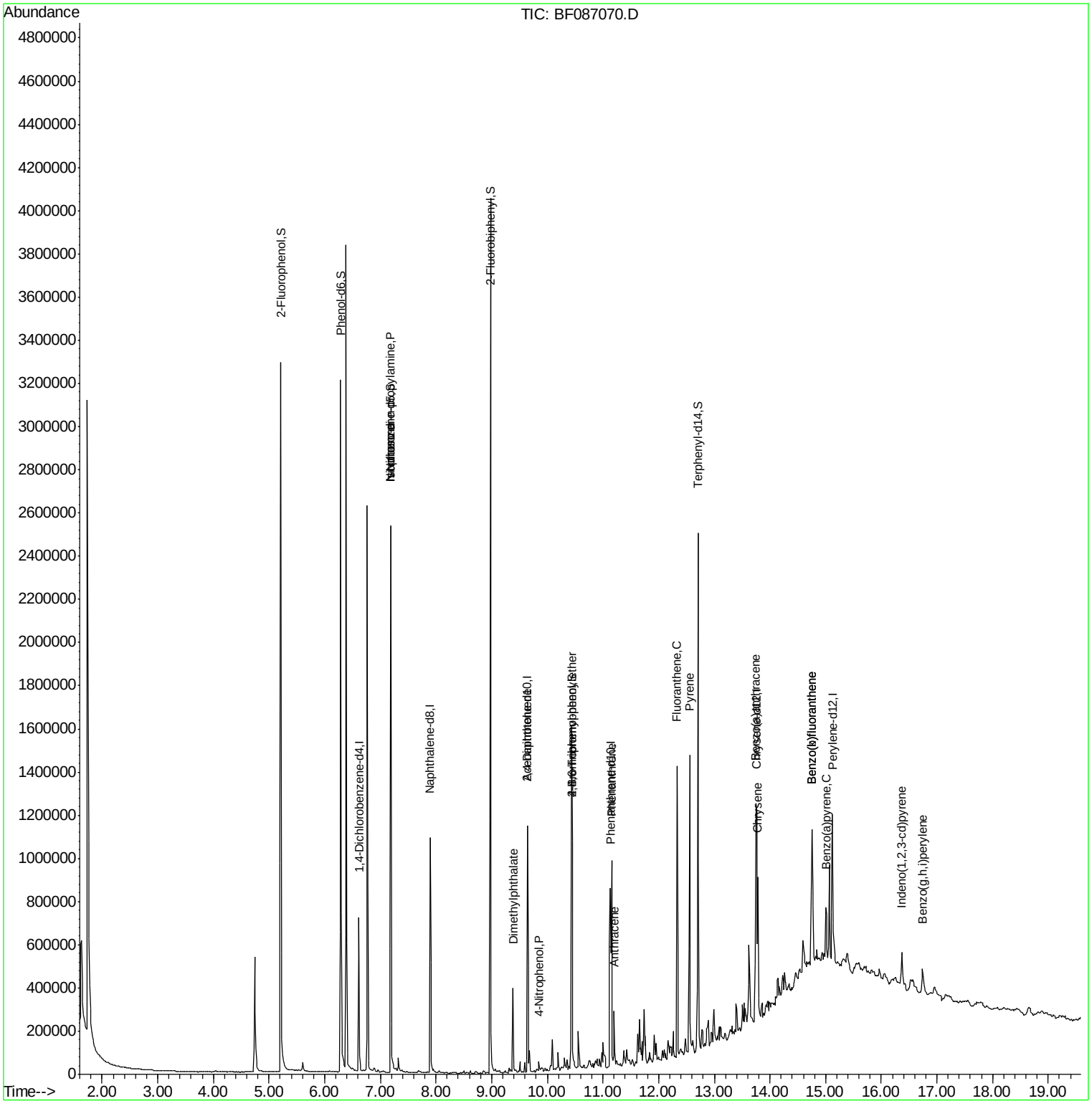
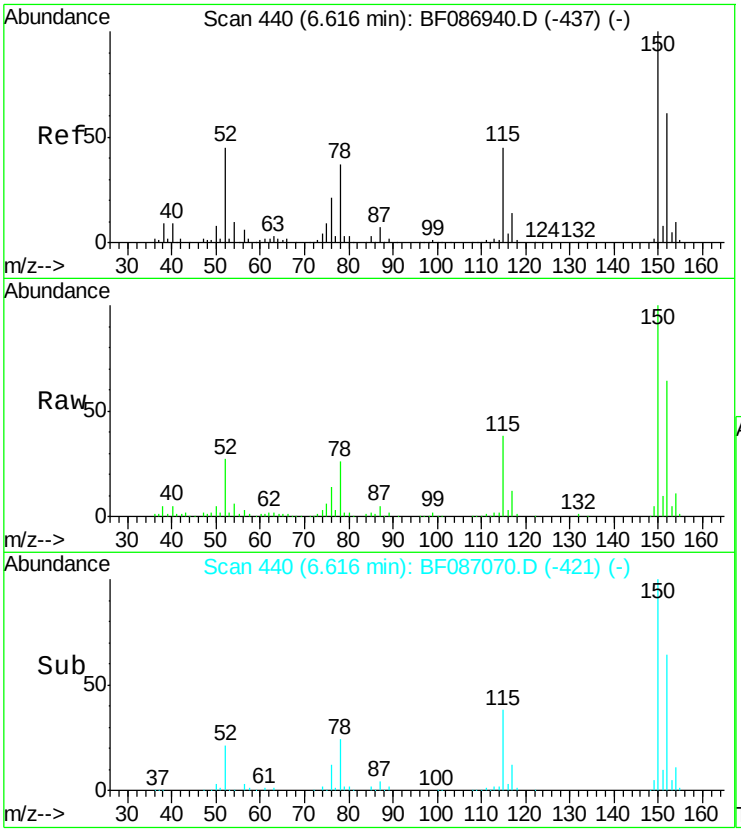


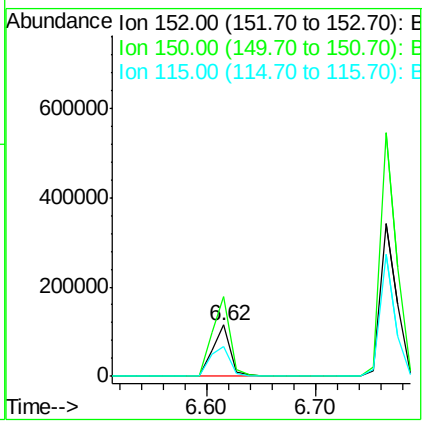


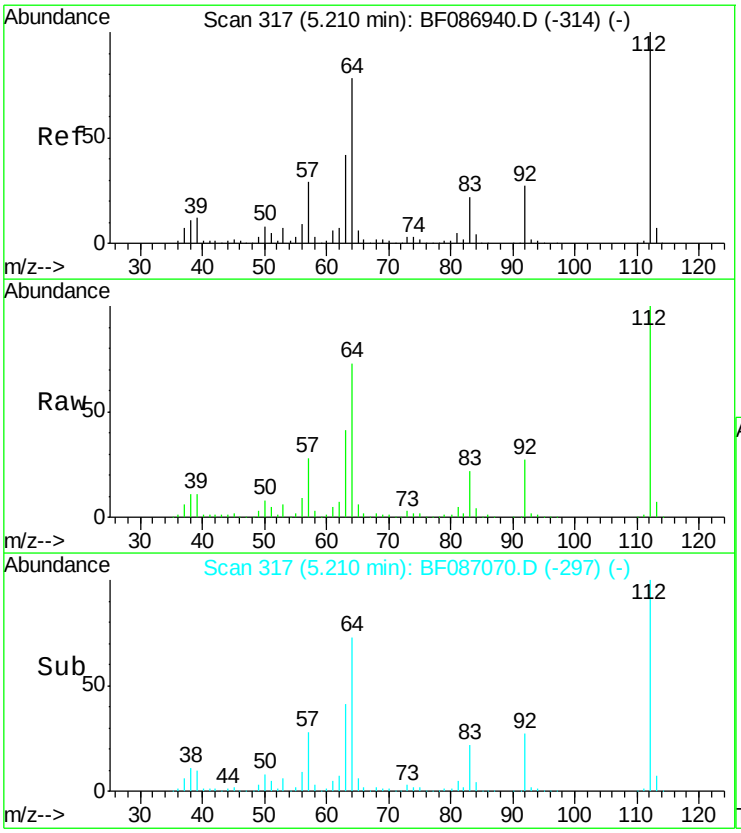
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.08 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

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

Tgt Ion:152 Resp: 130160

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.8	188.6
115	58.6	51.5	77.3

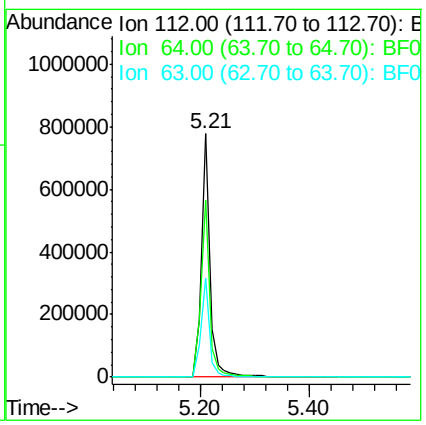


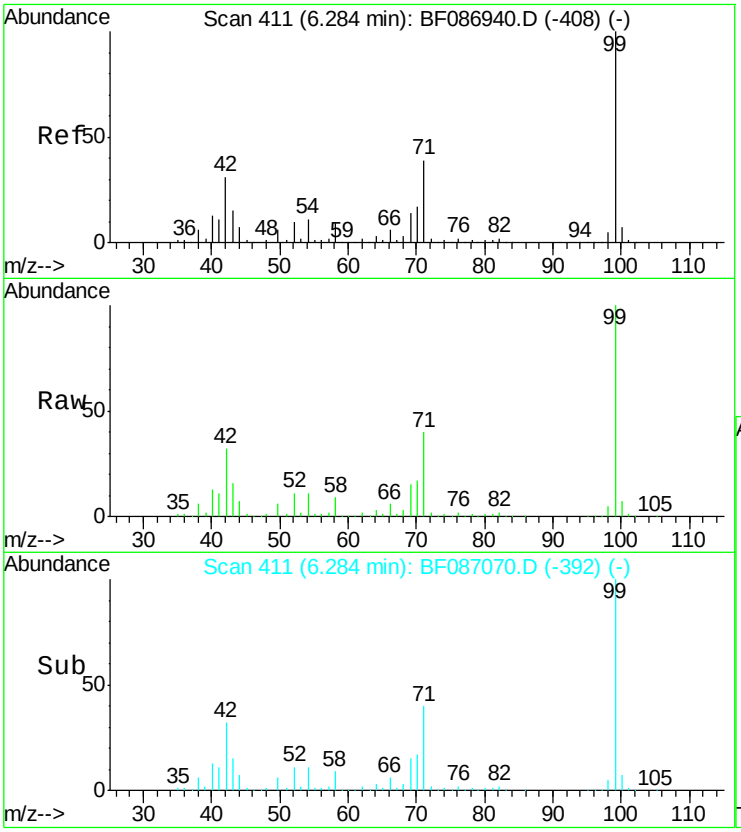


#5
2-Fluorophenol
Concen: 110.32 ng
RT: 5.21 min Scan# 317
Delta R.T. -0.08 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

Tgt Ion:112 Resp: 847870

Ion	Ratio	Lower	Upper
112	100		
64	72.8	52.1	78.1
63	40.5	25.7	38.5#



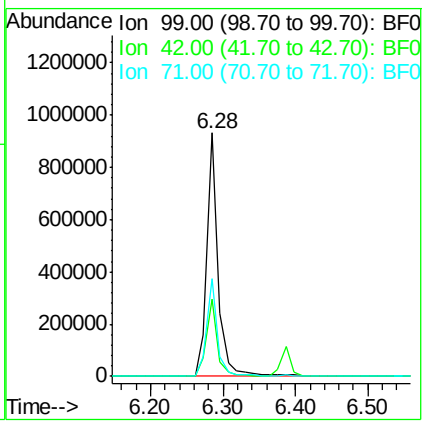


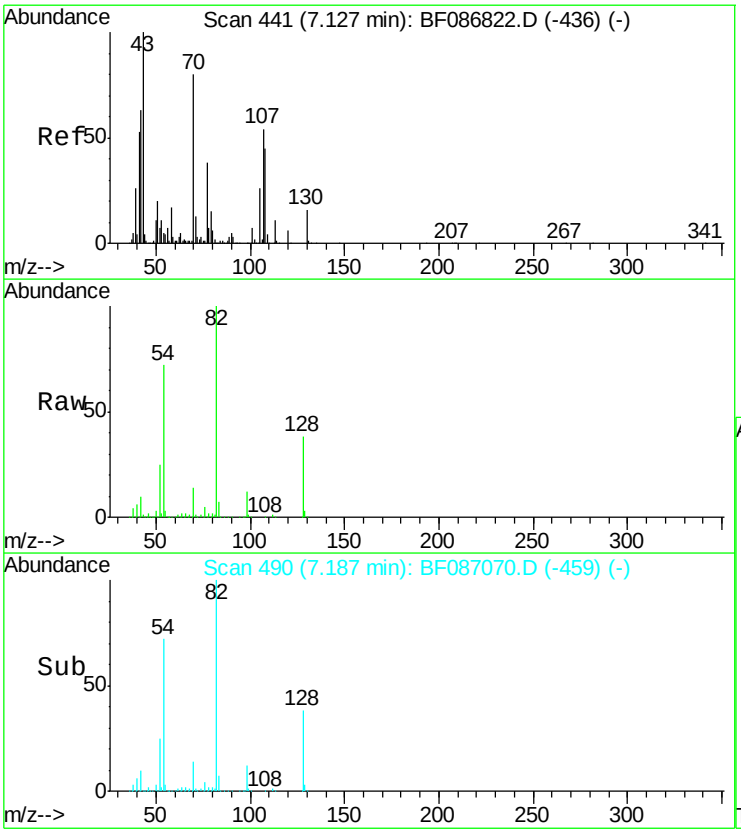
#7
Phenol-d6
Concen: 99.27 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.08 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

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

Tgt Ion: 99 Resp: 1019652

Ion	Ratio	Lower	Upper
99	100		
42	31.8	13.6	20.4#
71	40.4	24.6	36.8#

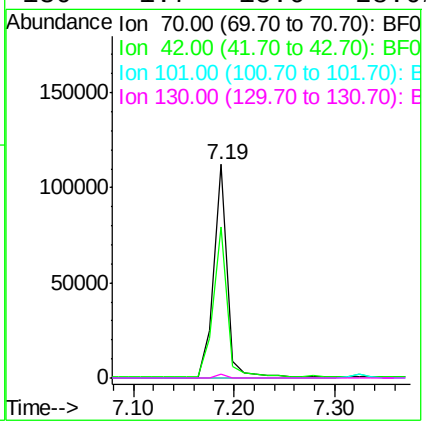


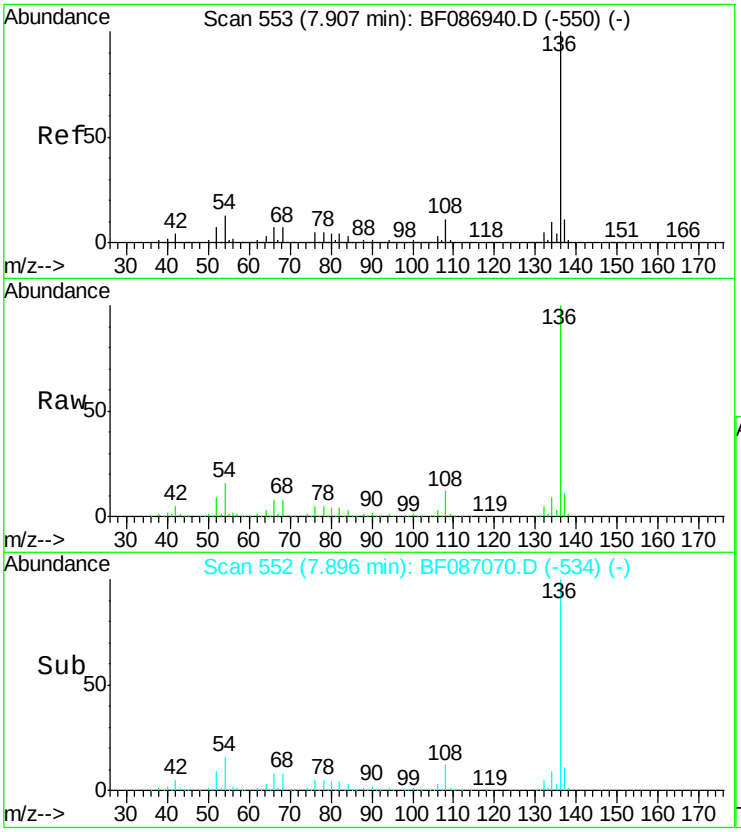


#19
n-Nitroso-di-n-propylamine
Concen: 15.03 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

Tgt Ion: 70 Resp: 107869

Ion	Ratio	Lower	Upper
70	100		
42	70.4	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#



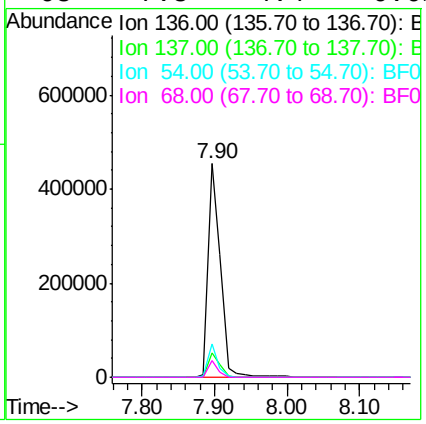


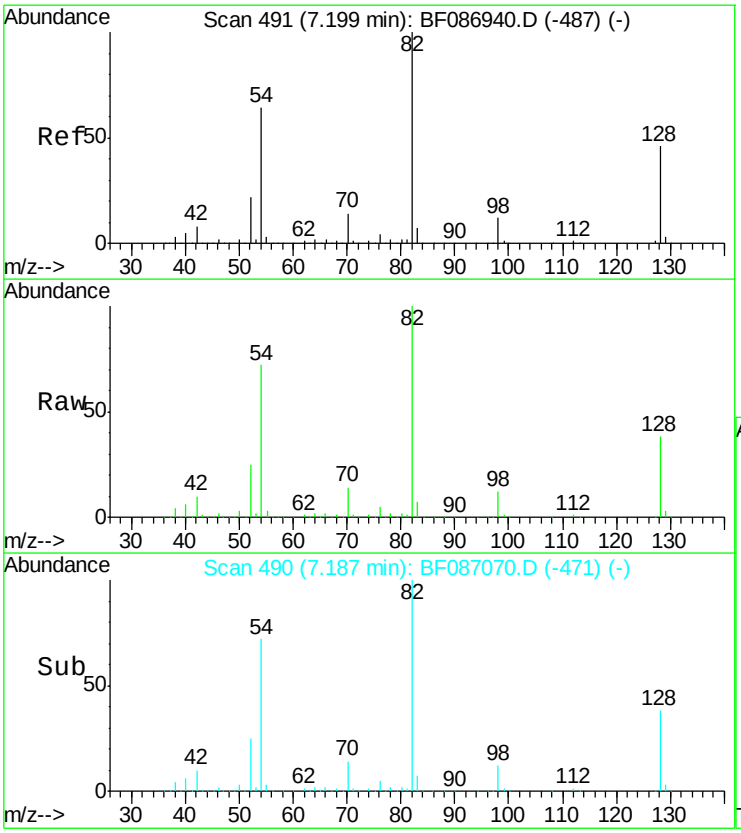
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

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

Tgt Ion:136 Resp: 529436

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	15.7	5.0	7.4#
68	7.8	4.4	6.6#

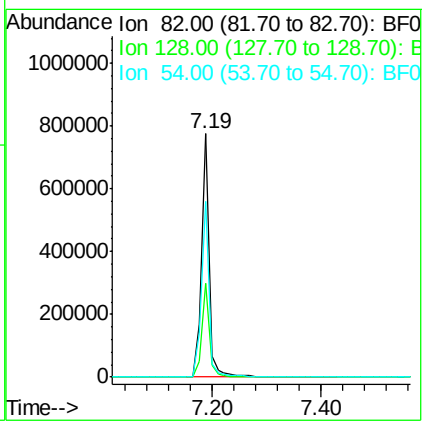


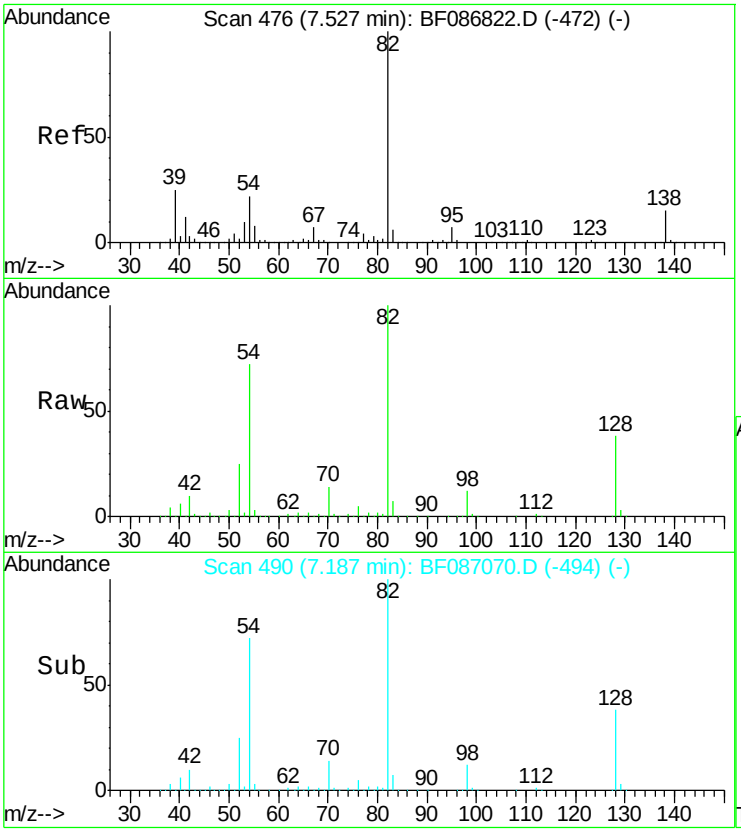


#23
Nitrobenzene-d5
Concen: 71.30 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

Tgt Ion: 82 Resp: 751756

Ion	Ratio	Lower	Upper
82	100		
128	38.3	40.6	61.0#
54	72.0	38.1	57.1#



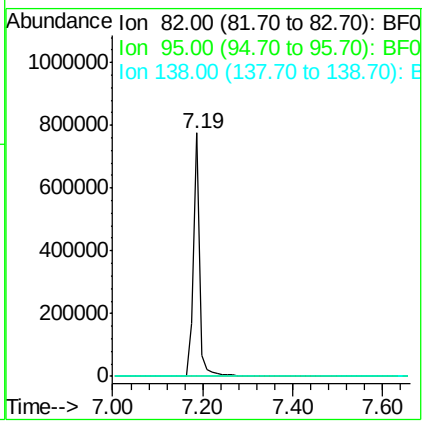


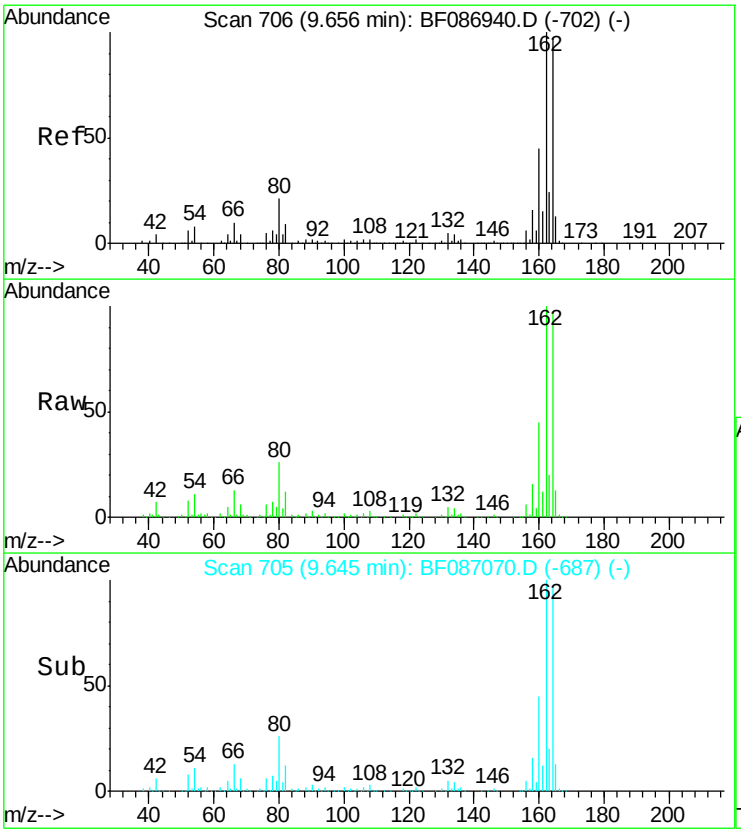
#25
Isophorone
Concen: 38.62 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.34 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

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

Tgt Ion: 82 Resp: 755433

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

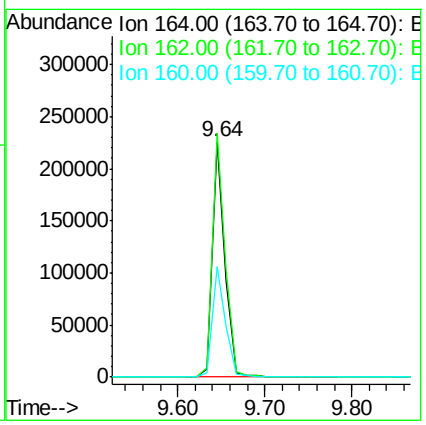


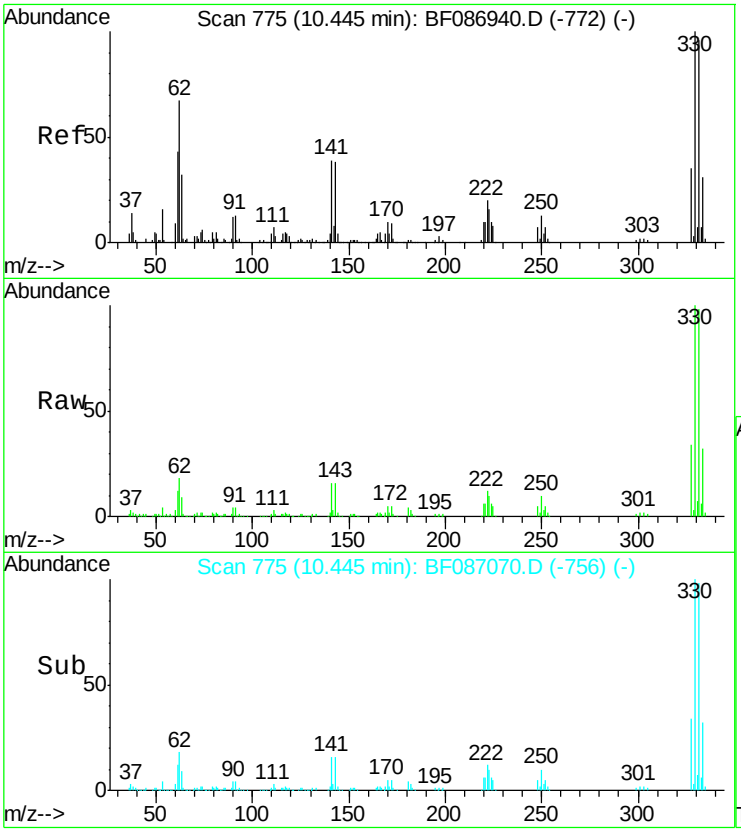


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

Tgt Ion:164 Resp: 229894

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.8	124.2
160	47.0	36.9	55.3



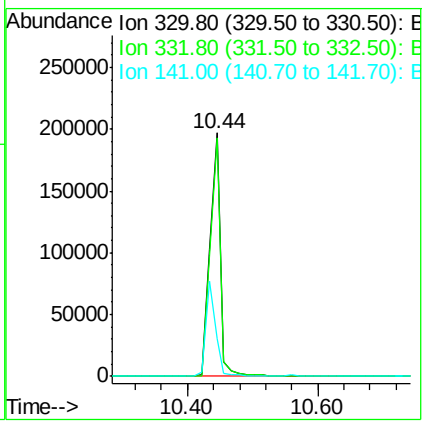


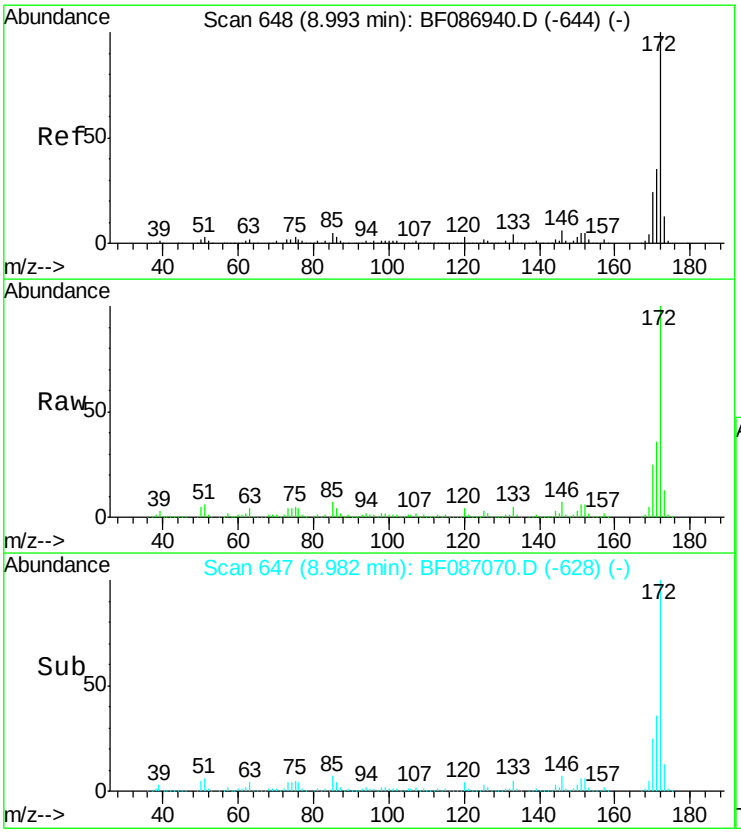
#41
2,4,6-Tribromophenol
Concen: 92.56 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.08 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

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

Tgt Ion:330 Resp: 225270

Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.0	118.4
141	36.4	31.2	46.8

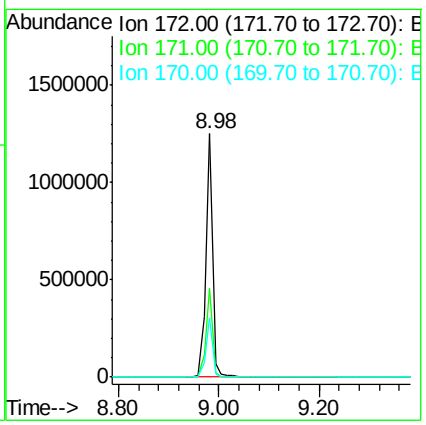


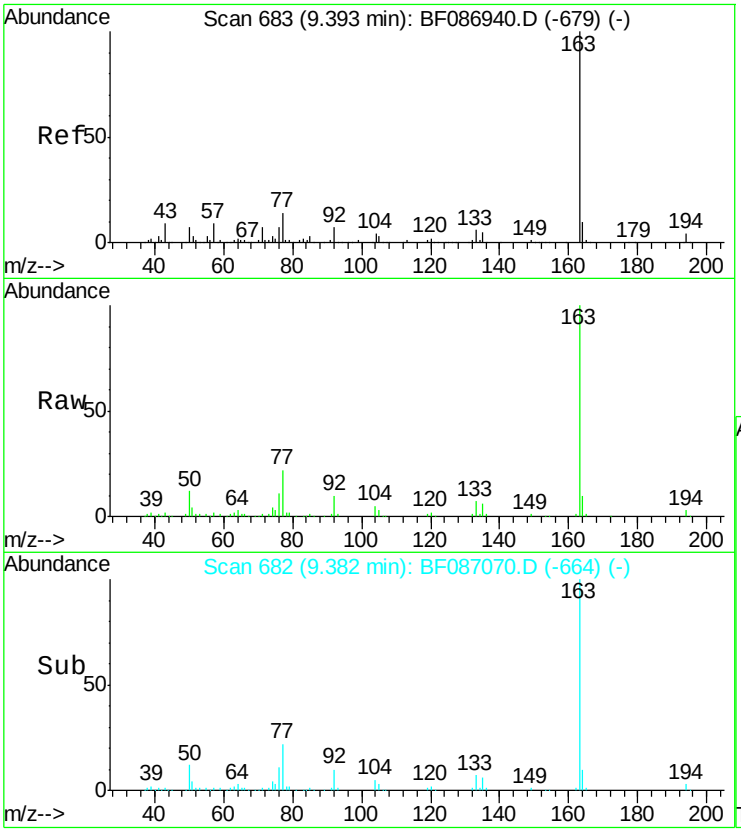


#44
2-Fluorobiphenyl
Concen: 85.08 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.08 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

Tgt Ion:172 Resp: 1163861

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.6	19.8	29.8



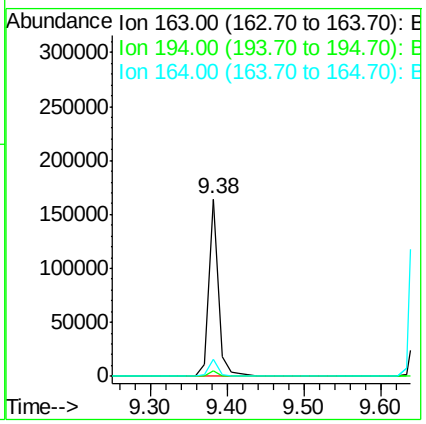


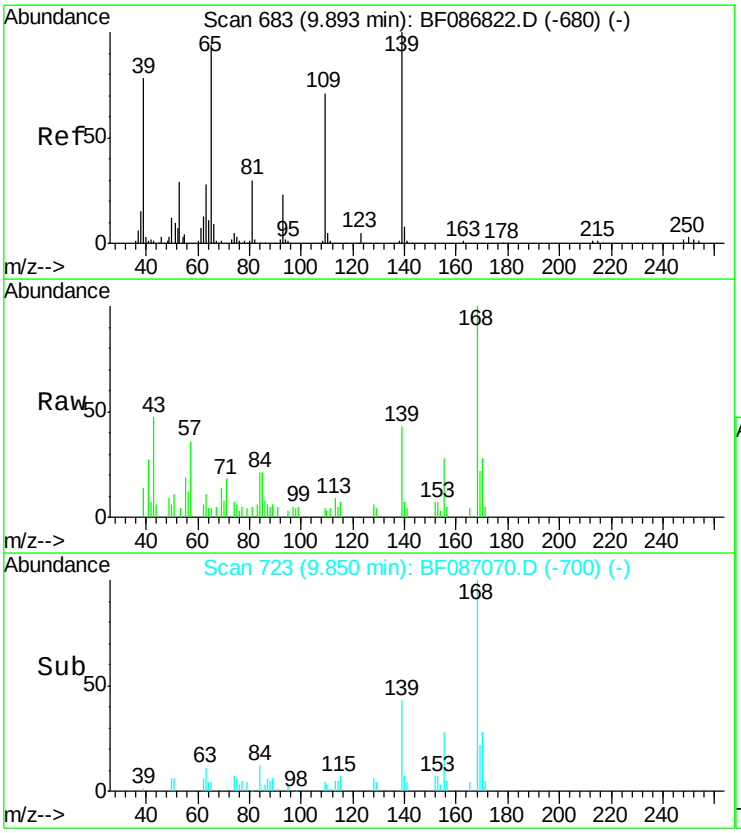
#49
Dimethylphthalate
Concen: 8.04 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.09 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

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

Tgt Ion:163 Resp: 141037

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	9.7	8.2	12.4

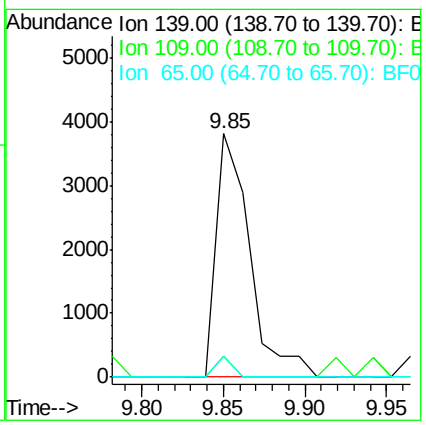


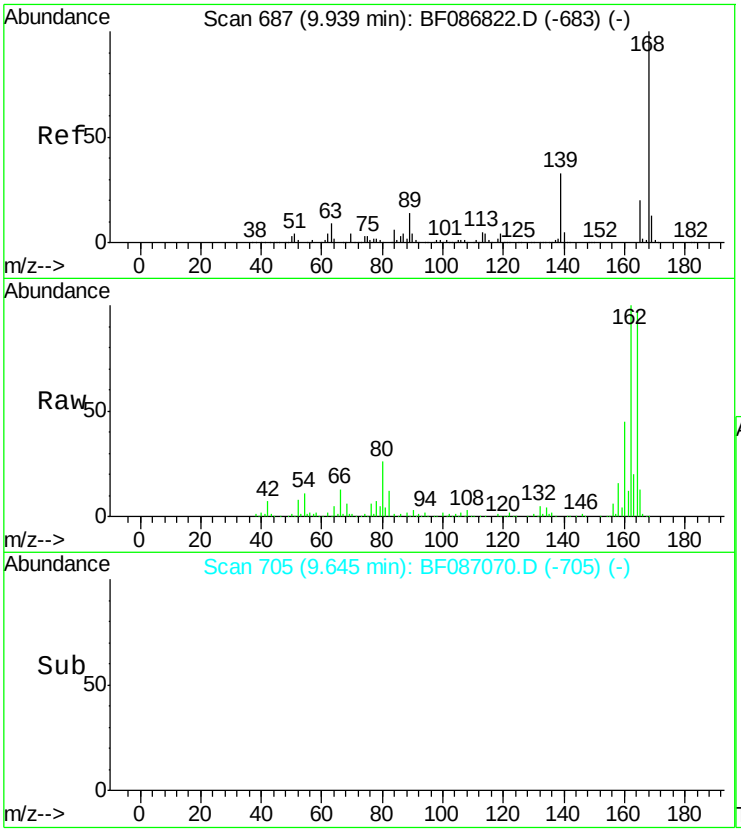


#55
4-Nitrophenol
Concen: 6.53 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.04 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

Tgt Ion:139 Resp: 5419

Ion	Ratio	Lower	Upper
139	100		
109	8.7	36.9	76.9#
65	8.8	64.0	104.0#



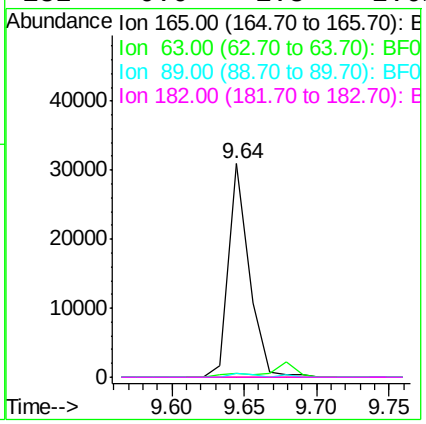


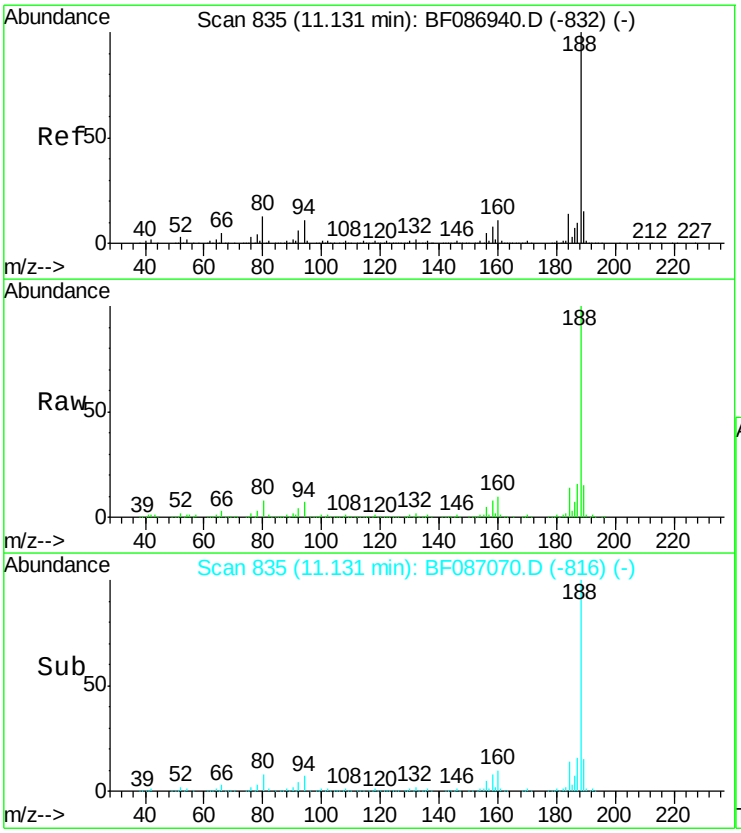
#56
2,4-Dinitrotoluene
Concen: 6.74 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.29 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

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

Tgt Ion:165 Resp: 30767

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.3	66.5#
89	2.0	70.0	105.0#
182	0.0	1.8	2.6#

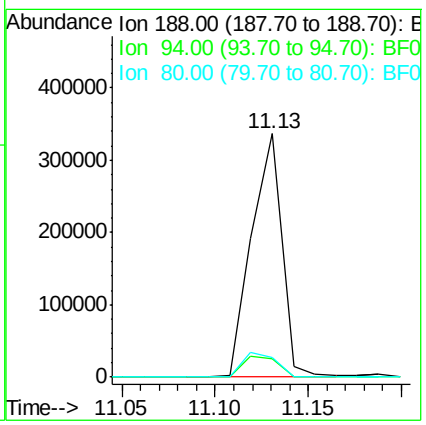


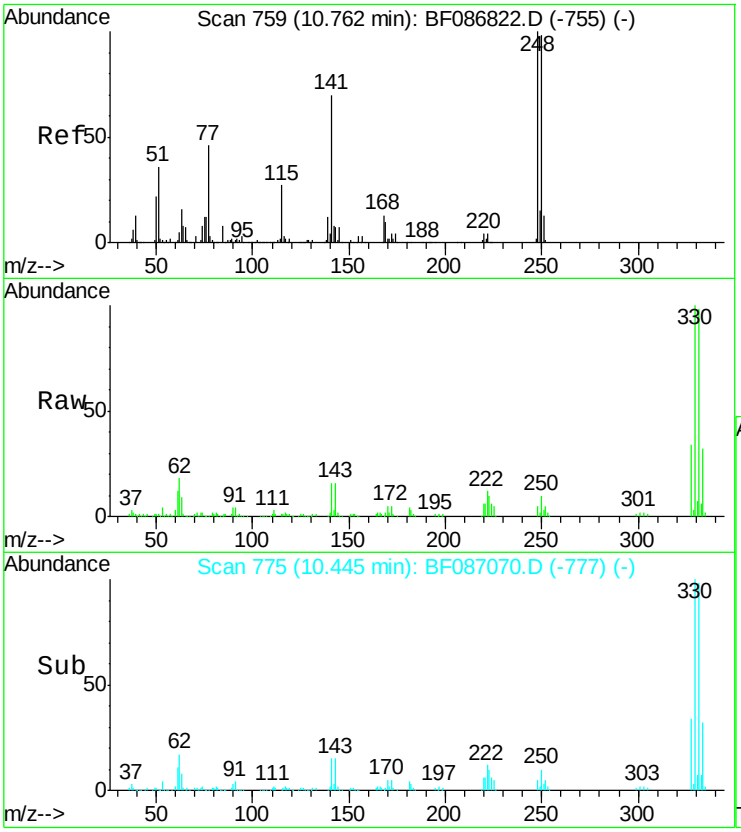


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.08 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

Tgt Ion:188 Resp: 377857

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.8	10.2
80	7.9	7.1	10.7



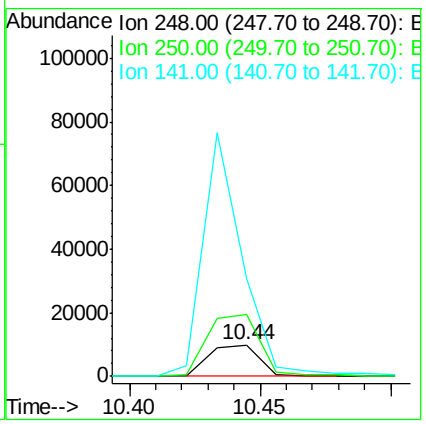


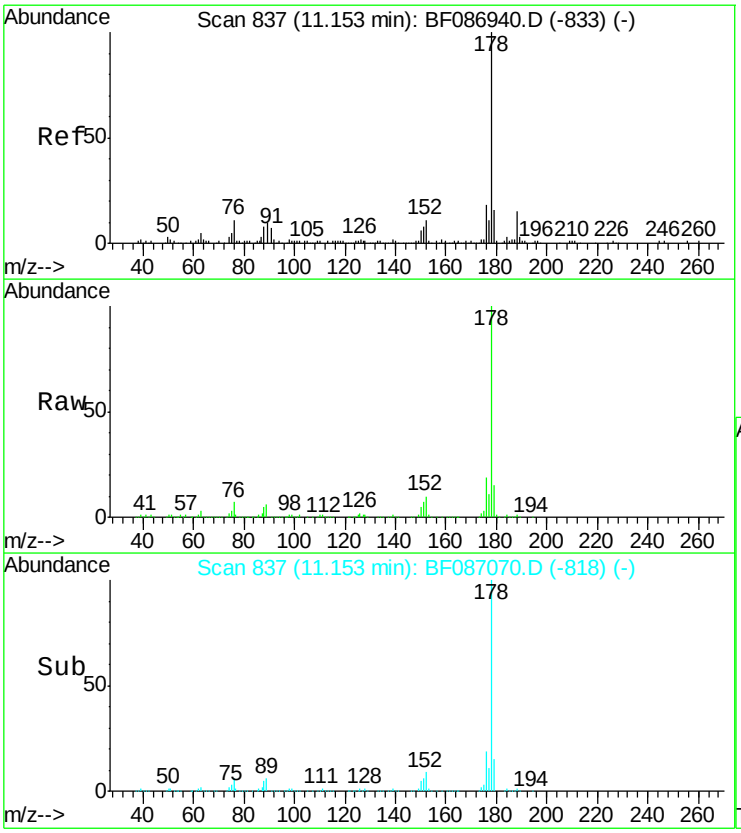
#66
4-Bromophenyl-phenylether
Concen: 3.50 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.32 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

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

Tgt Ion:248 Resp: 13401

Ion	Ratio	Lower	Upper
248	100		
250	200.2	78.6	117.8#
141	312.7	76.0	114.0#

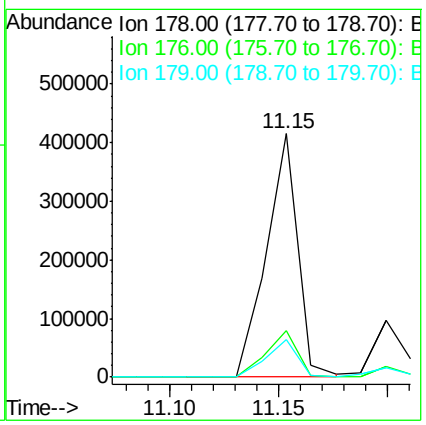


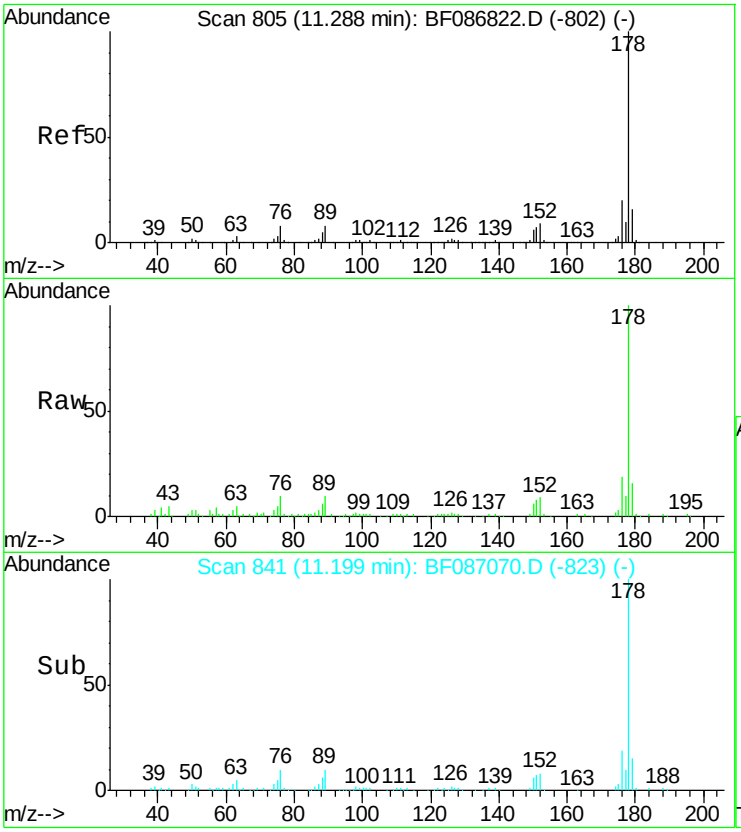


#70
Phenanthrene
Concen: 20.73 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.08 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

Tgt Ion:178 Resp: 417933

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.3	12.6	18.8



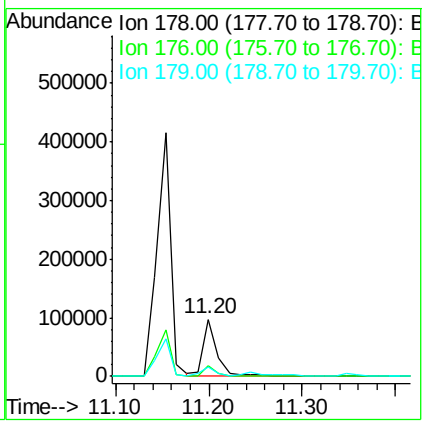


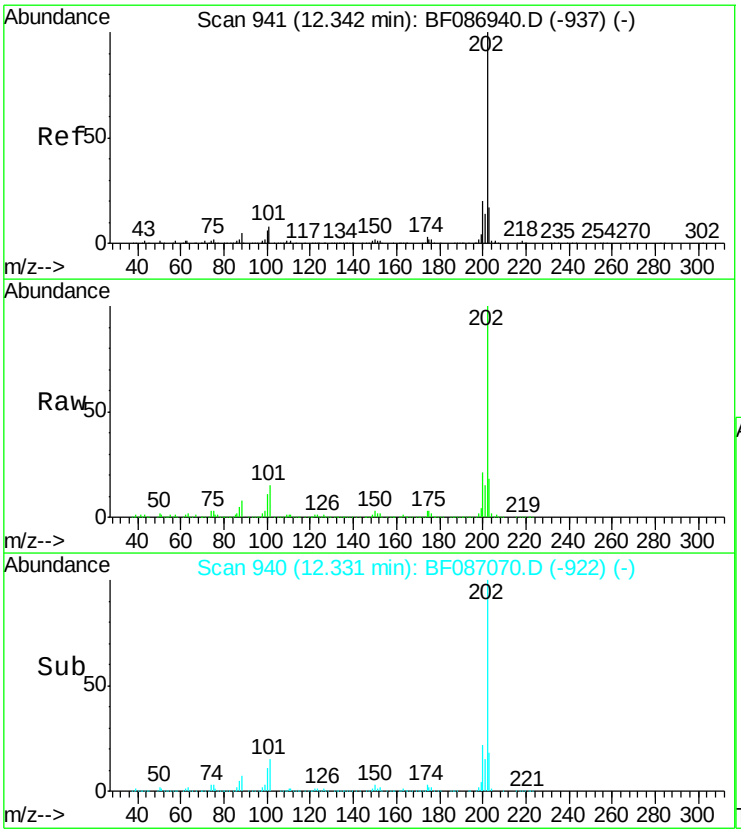
#71
Anthracene
Concen: 5.01 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.09 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

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

Tgt Ion:178 Resp: 103410

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.6	23.4
179	15.7	12.7	19.1

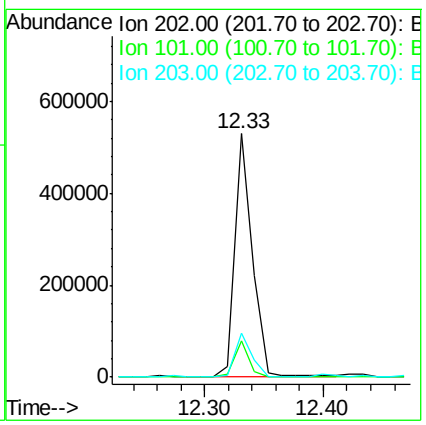


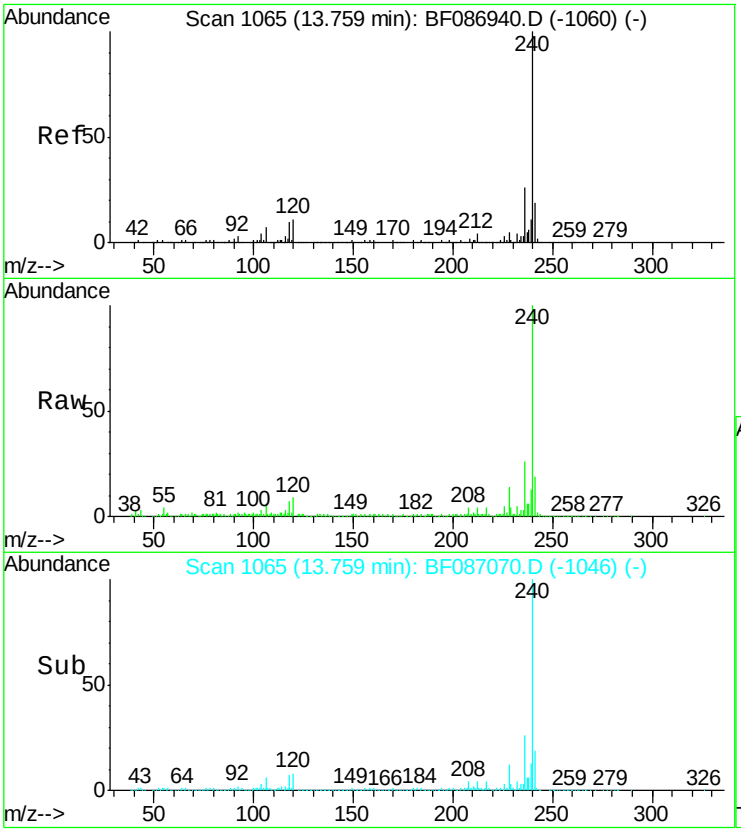


#74
Fluoranthene
Concen: 26.20 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.09 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

Tgt Ion:202 Resp: 543318

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	35.4
203	17.9	0.0	38.1



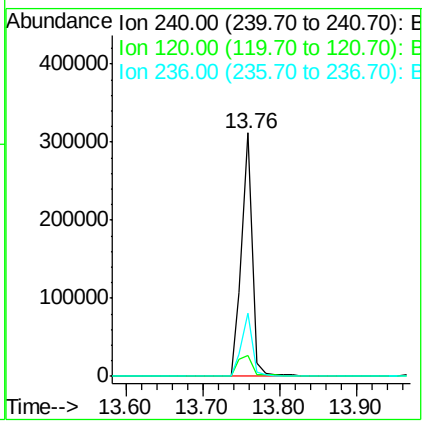


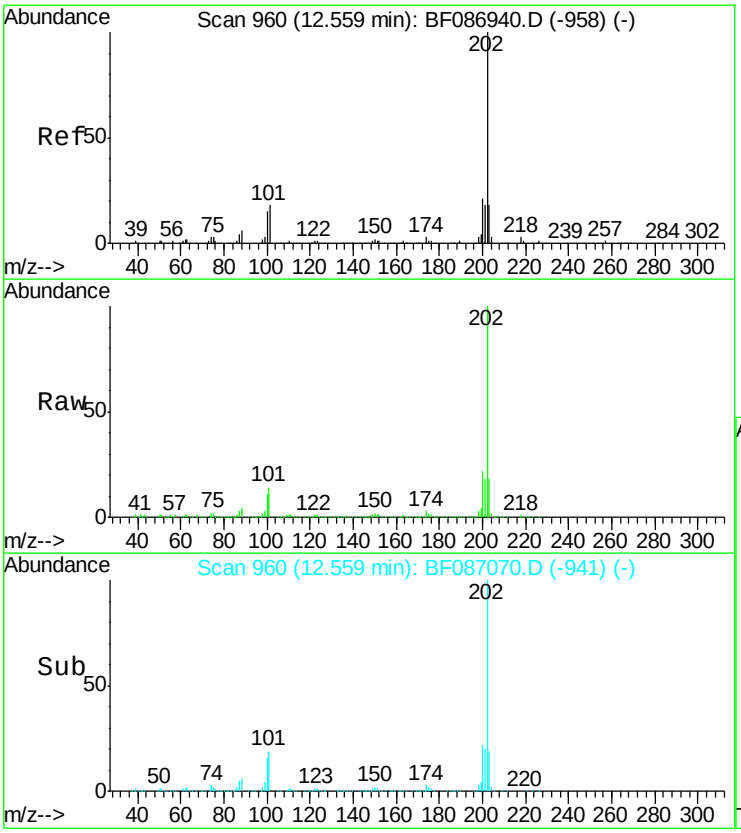
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.08 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

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

Tgt Ion:240 Resp: 310943

Ion	Ratio	Lower	Upper
240	100		
120	8.5	11.2	16.8#
236	26.1	21.2	31.8

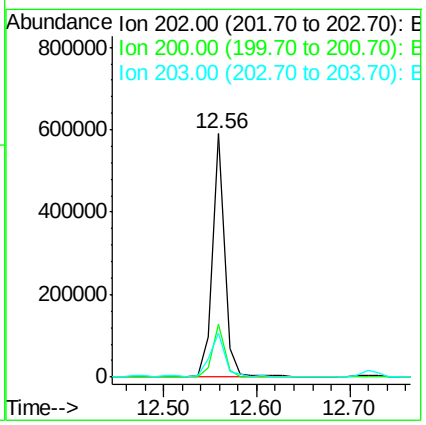


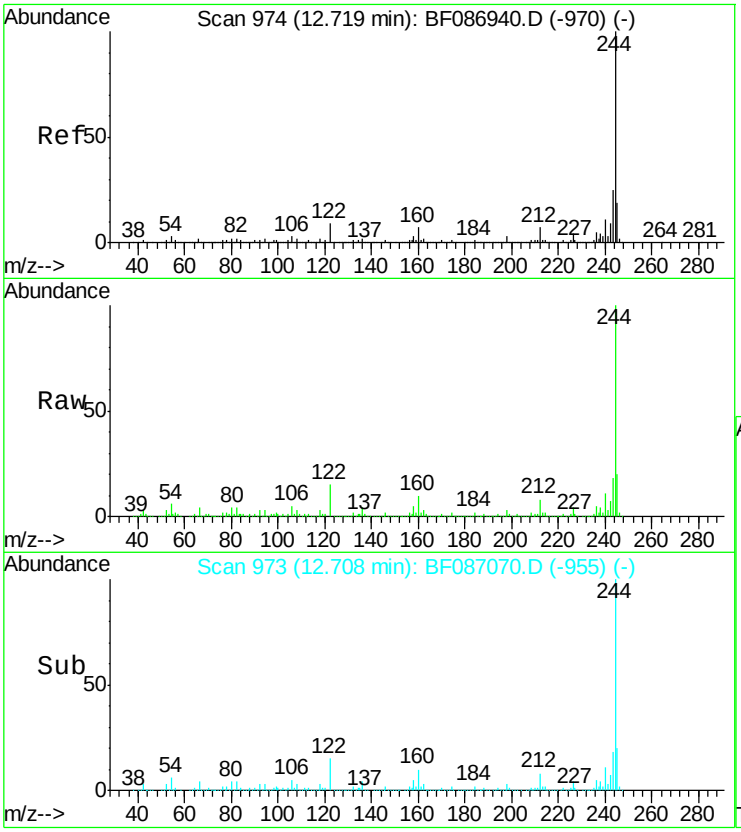


#77
Pyrene
Concen: 22.38 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.08 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

Tgt Ion:202 Resp: 532707

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	18.0	14.2	21.4



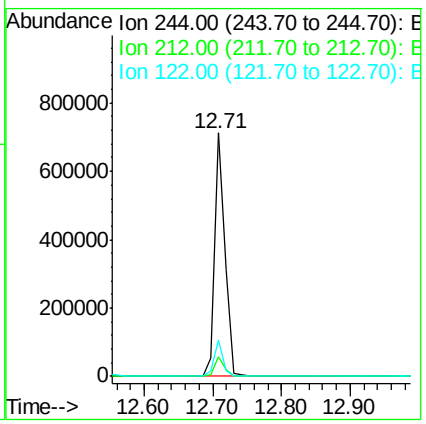


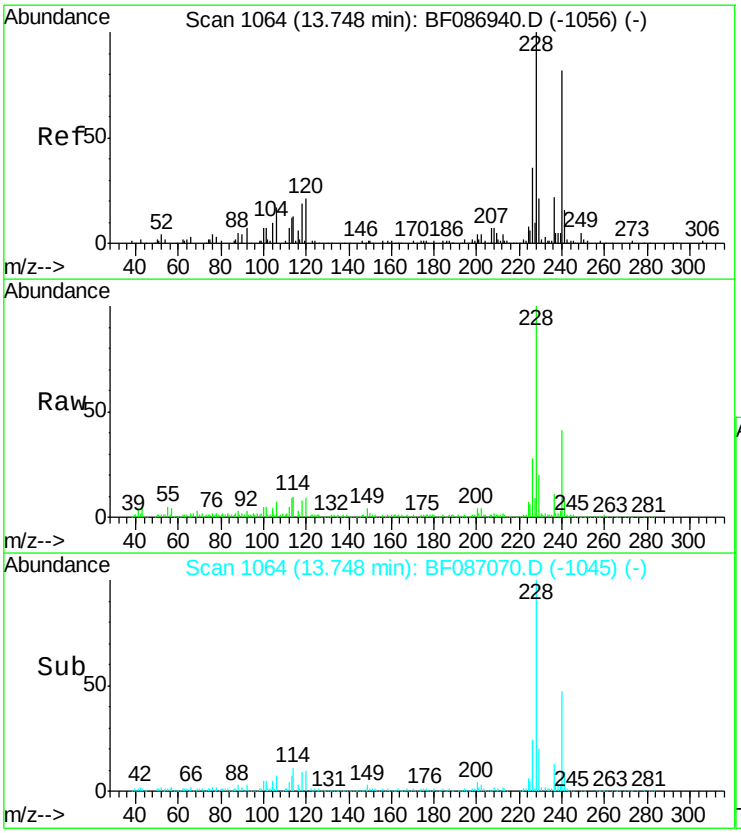
#78
Terphenyl-d14
Concen: 51.75 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.09 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

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

Tgt Ion:244 Resp: 758432

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	14.7	12.0	18.0

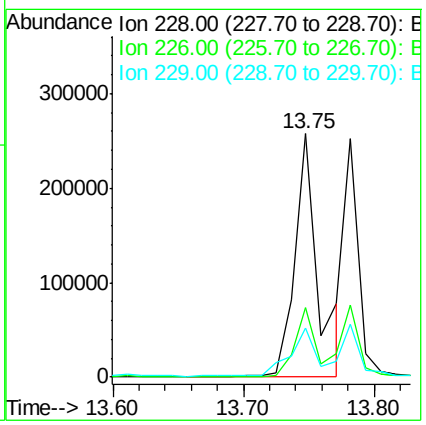


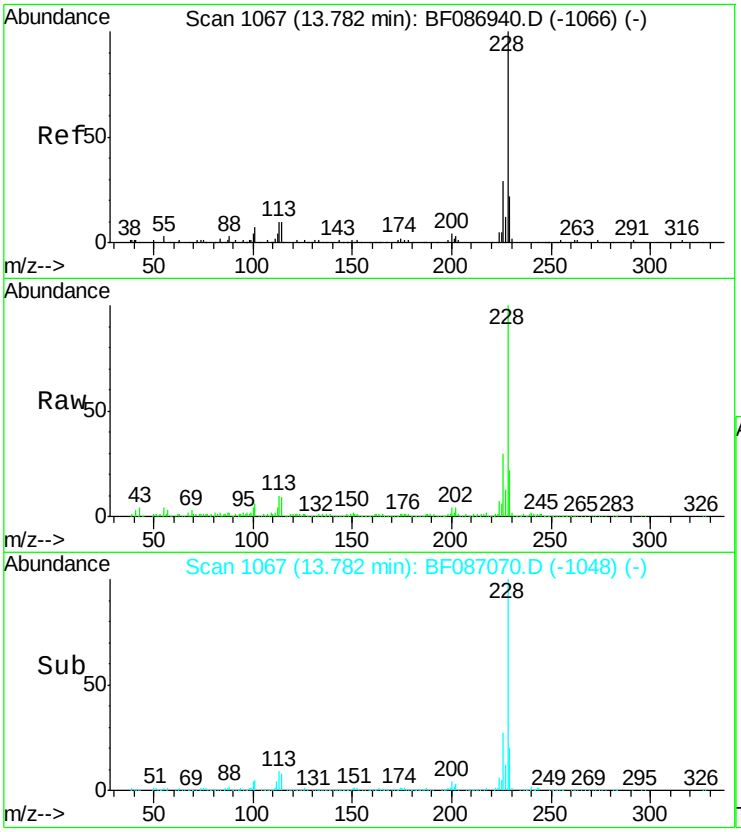


#80
Benzo(a)anthracene
Concen: 18.34 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.08 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

Tgt Ion:228 Resp: 320068

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.5	33.7
229	20.4	16.6	25.0



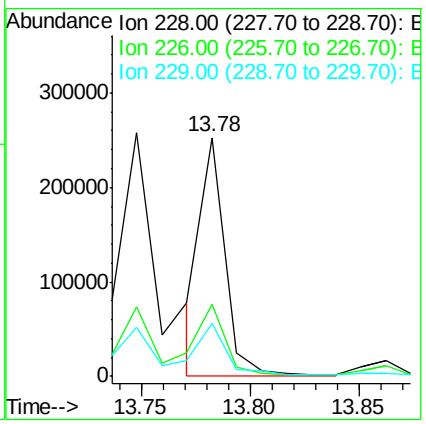


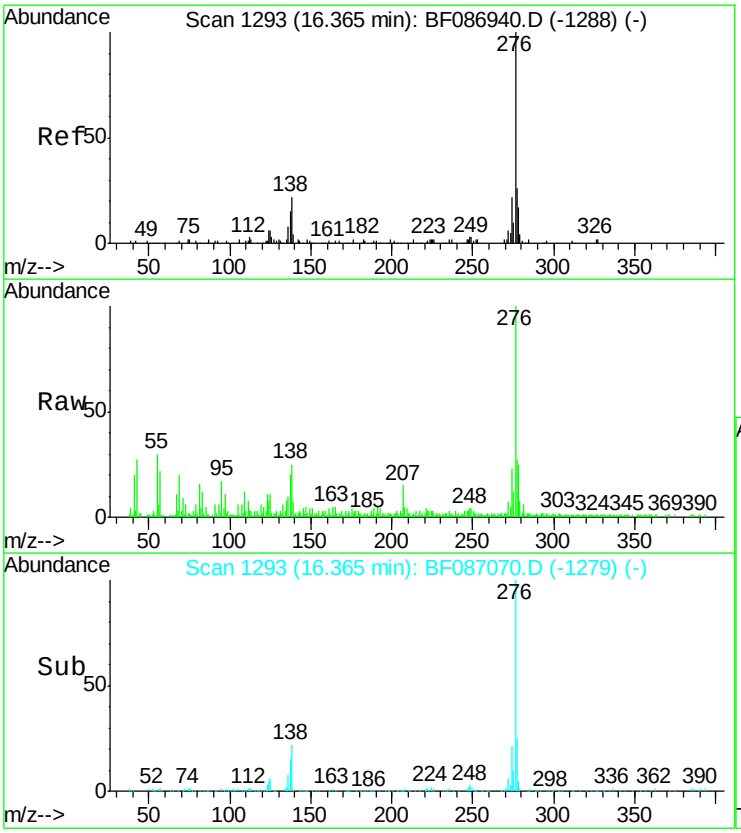
#82
Chrysene
Concen: 11.11 ng
RT: 13.78 min Scan# 1067
Delta R.T. -0.08 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

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

Tgt Ion:228 Resp: 197282

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	22.4	15.8	23.8

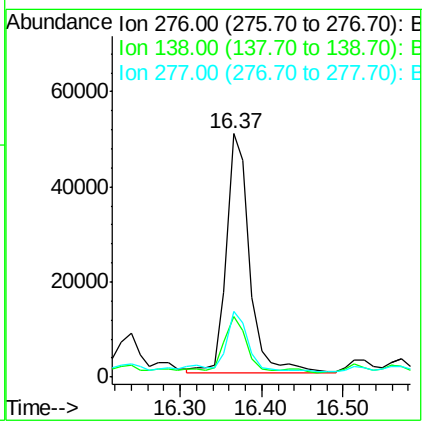


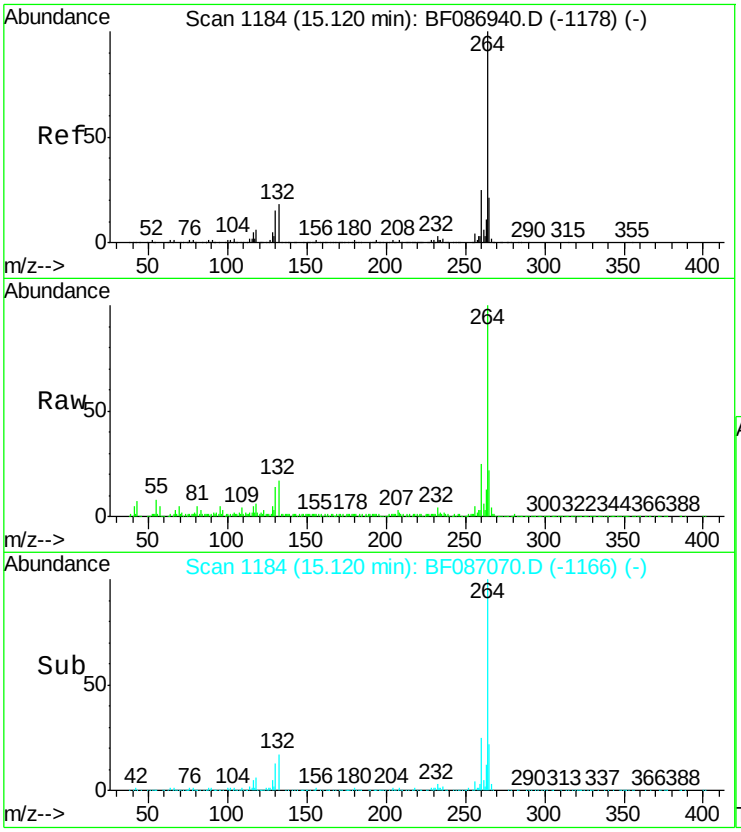


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.73 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.13 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

Tgt Ion:276 Resp: 99402

Ion	Ratio	Lower	Upper
276	100		
138	20.1	25.6	38.4#
277	28.1	20.5	30.7



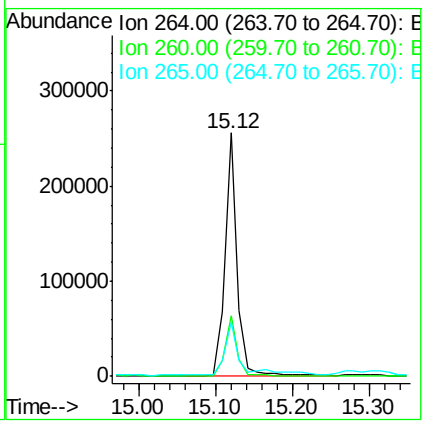


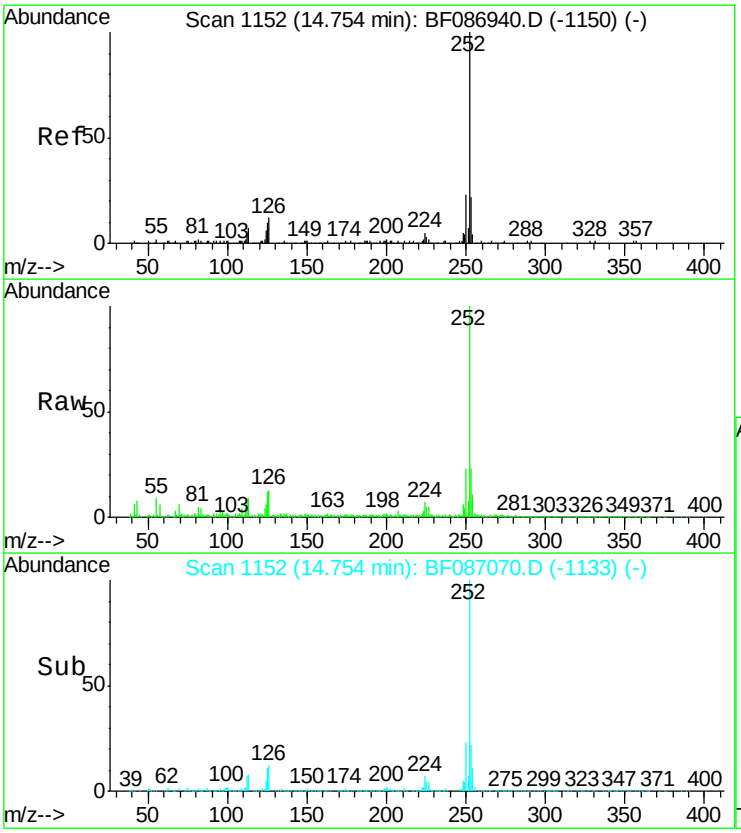
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.09 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

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

Tgt Ion:264 Resp: 287077

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.0	17.3	25.9

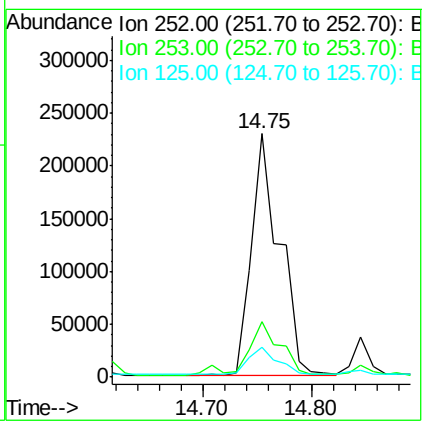


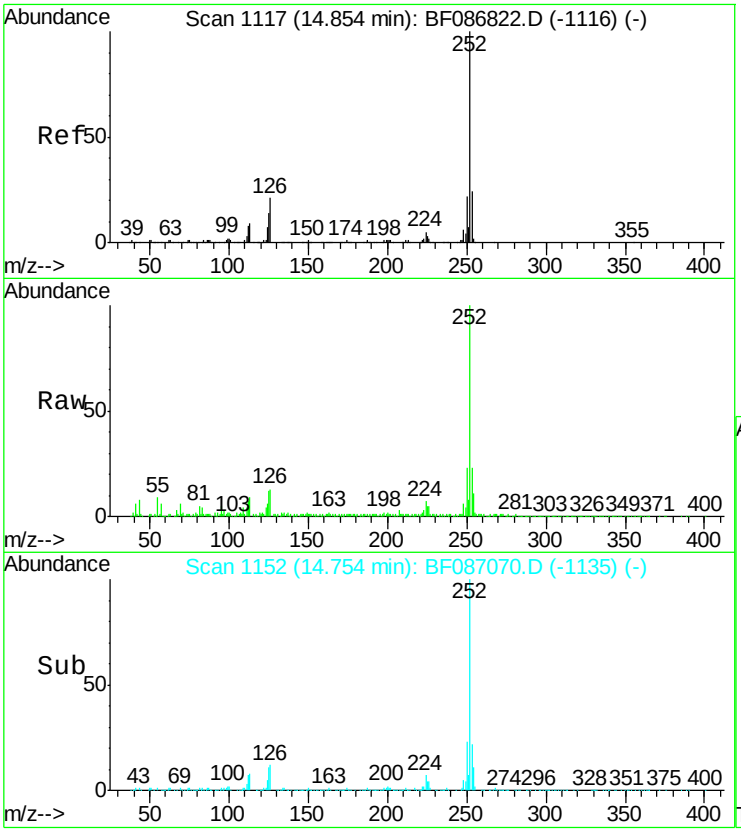


#87
Benzo(b)fluoranthene
Concen: 22.19 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.08 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

Tgt Ion:252 Resp: 413999

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	12.3	11.4	17.0



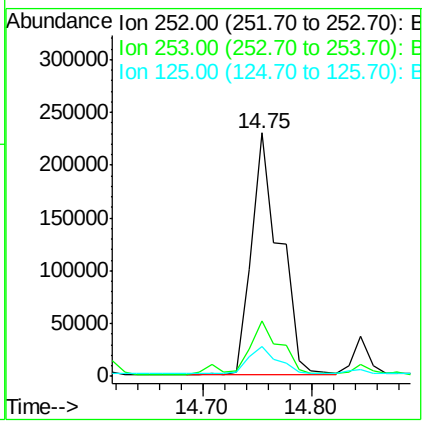


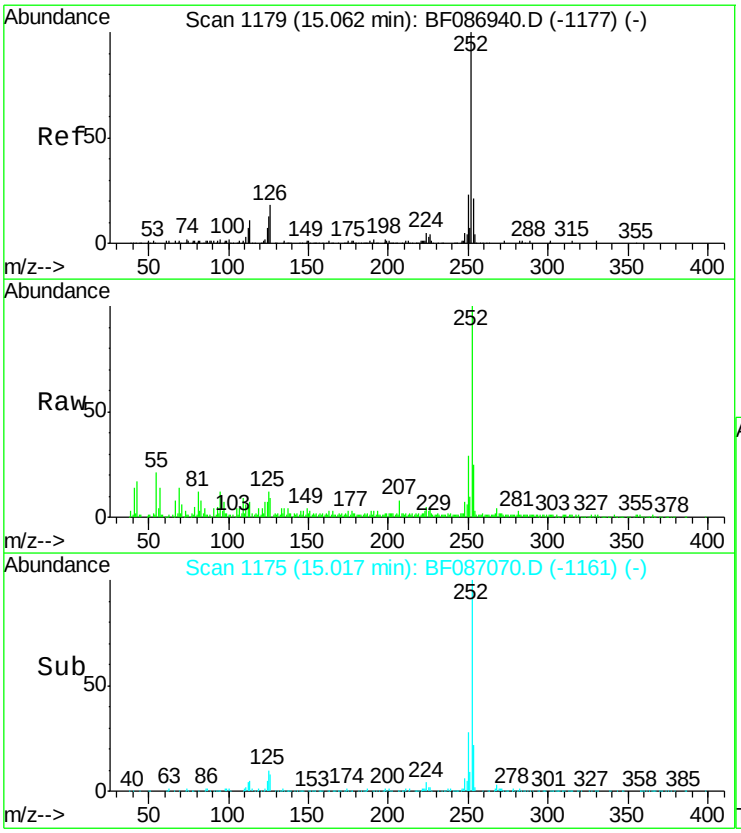
#88
Benzo(k)fluoranthene
Concen: 27.10 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.10 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

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

Tgt Ion:252 Resp: 413999

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	12.3	9.1	13.7

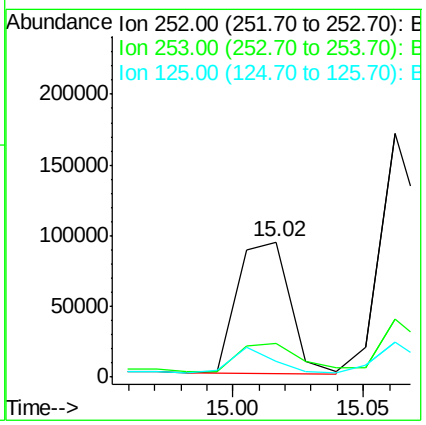


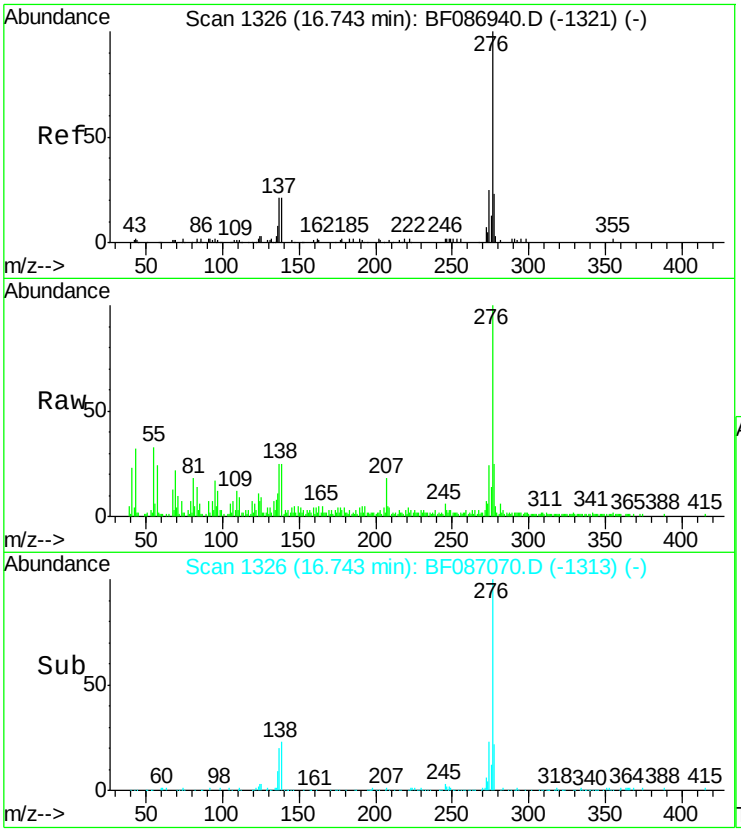


#89
Benzo(a)pyrene
Concen: 8.23 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.13 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

Tgt Ion:252 Resp: 132438

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.2	25.8
125	12.0	9.0	13.6





#91
Benzo(g,h,i)perylene
Concen: 5.97 ng
RT: 16.74 min Scan# 1326
Delta R.T. -0.15 min
Lab File: BF087070.D
Acq: 15 May 2016 15:28

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

Tgt Ion:276 Resp: 82263

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.6	29.4
138	24.8	23.6	35.4