Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082090.D
Acq On : 6 Oct 2015 18:10
Operator : UM/IZ
Sample : G3906-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-MLA-(2.5-02)

Quant Time: Oct 07 02:05:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 02:00:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	88112	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	339921	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	164689	20.00	ng		-0.01
63) Phenanthrene-d10	11.42	188	327884	20.00	ng		0.00
75) Chrysene-d12	14.06	240	266268	20.00	ng		-0.01
86) Perylene-d12	15.51	264	229459	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	716379	147.59	ng		0.01
7) Phenol-d6	6.51	99	851691	139.45	ng		0.00
23) Nitrobenzene-d5	7.45	82	555430	108.92	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	251425	150.74	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	946574	99.43	ng		0.00
78) Terphenyl-d14	13.01	244	1052395	182.36	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	7.04	79	9415	2.14	ng	#	29
19) n-Nitroso-di-n-propylamine	7.45	70	71567	19.28	ng	#	58
25) Isophorone	7.45	82	439608	43.50	ng	#	58
49) Dimethylphthalate	9.65	163	183391	16.13	ng	#	97
56) 2,4-Dinitrotoluene	9.92	165	21056	6.69	ng	#	33
57) Fluorene	10.47	166	9094	Below Cal		#	91
66) 4-Bromophenyl-phenylether	10.72	248	16905	5.11	ng	#	1
70) Phenanthrene	11.44	178	113254	5.72	ng		98
71) Anthracene	11.49	178	38871	2.33	ng		96
73) Di-n-butylphthalate	11.98	149	1559	Below Cal		#	78
74) Fluoranthene	12.63	202	161457	9.19	ng		86
77) Pyrene	12.86	202	142031	8.93	ng		98
80) Benzo(a)anthracene	14.05	228	75270	5.25	ng		95
82) Chrysene	14.05	228	75270	4.90	ng		97
85) Indeno(1,2,3-cd)pyrene	16.93	276	25921	2.31	ng		96
87) Benzo(b)fluoranthene	15.09	252	80942	6.18	ng	#	89
88) Benzo(k)fluoranthene	15.09	252	80942	6.74	ng	#	89
89) Benzo(a)pyrene	15.44	252	44177	3.89	ng	#	86
91) Benzo(g,h,i)perylene	17.36	276	26170	2.68	ng	#	78

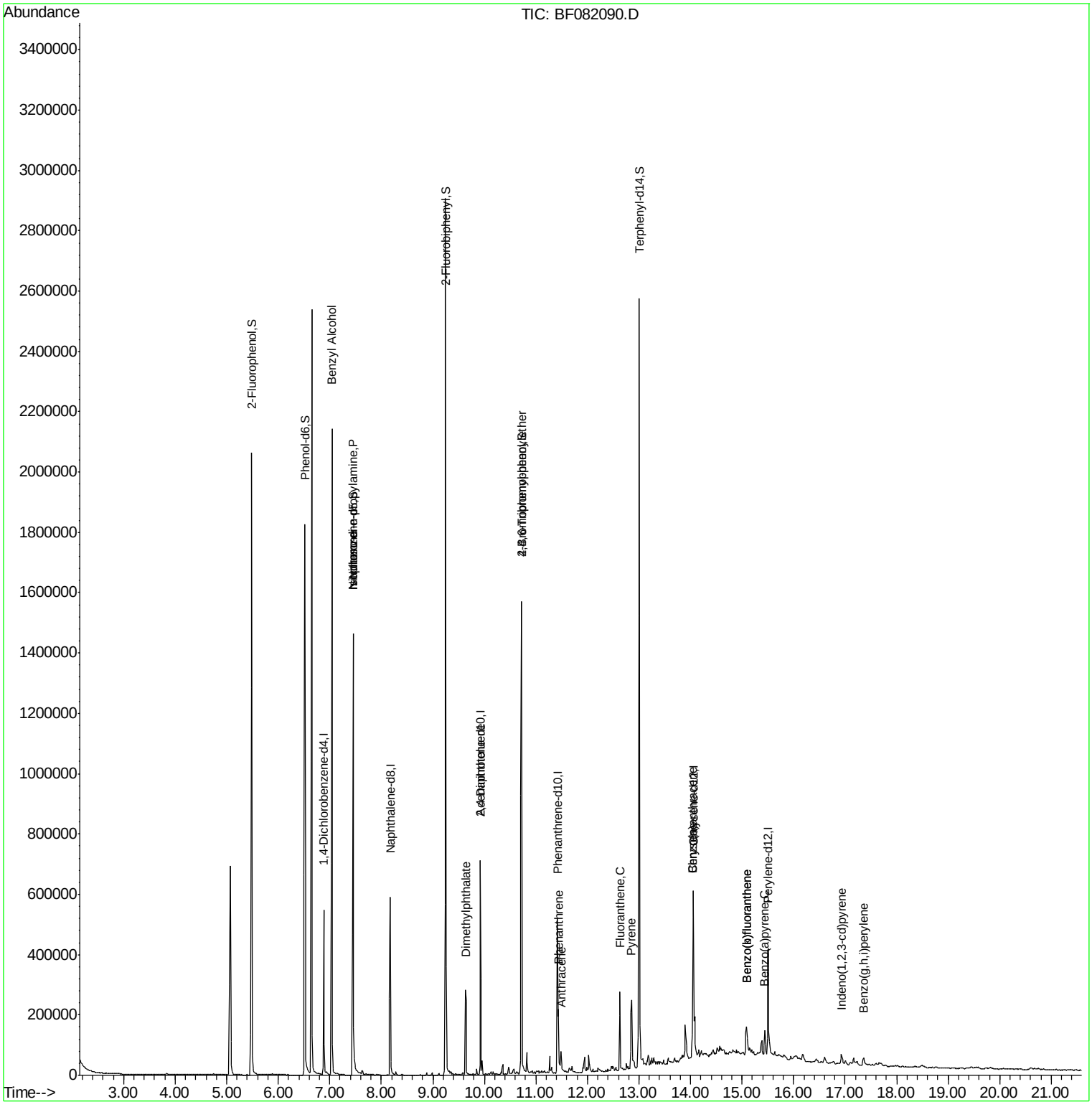
(#) = qualifier out of range (m) = manual integration (+) = signals summed

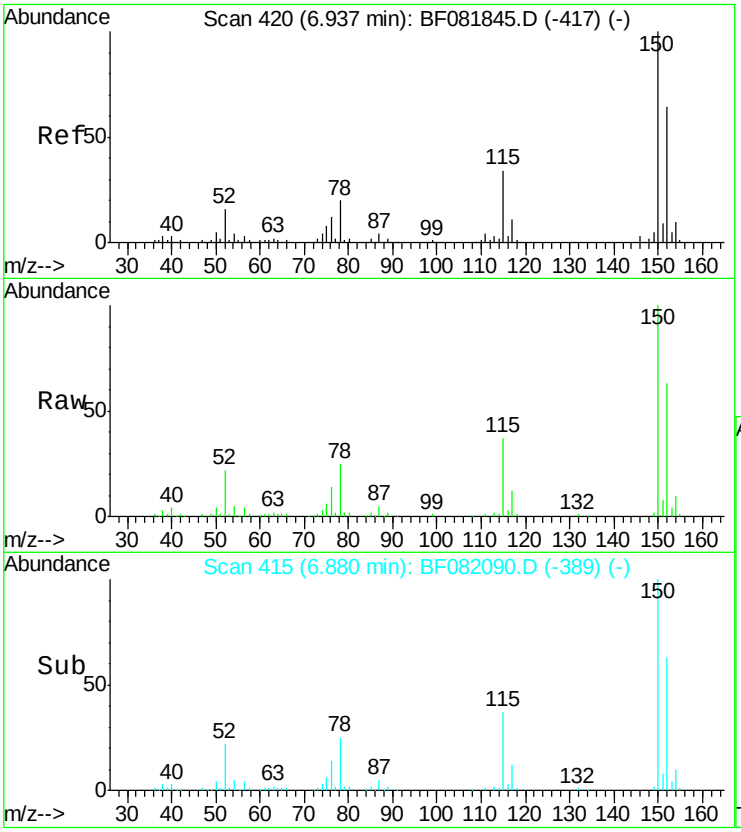
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082090.D
Acq On : 6 Oct 2015 18:10
Operator : UM/IZ
Sample : G3906-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-02)

Quant Time: Oct 07 02:05:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 02:00:35 2015
Response via : Initial Calibration



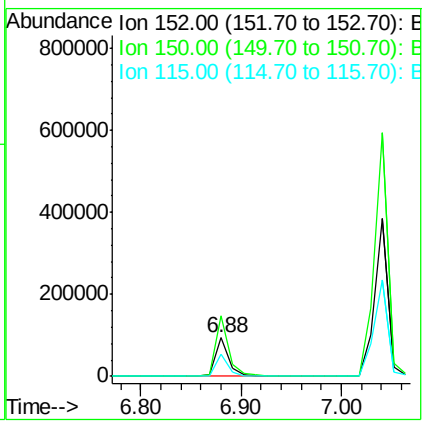


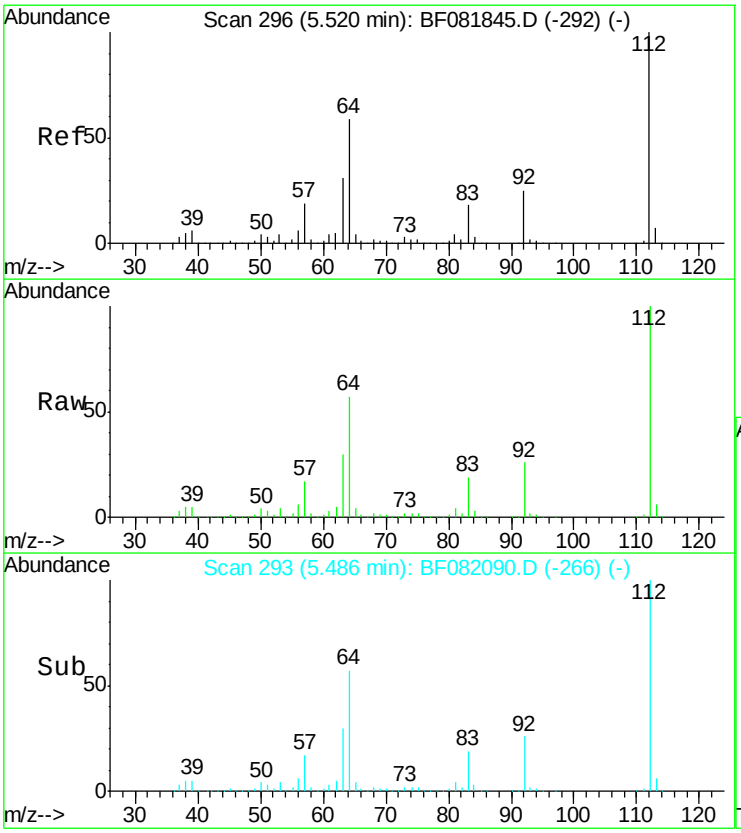
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-02)

Tgt Ion:152 Resp: 88112

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.7	187.1
115	58.7	39.0	58.4#

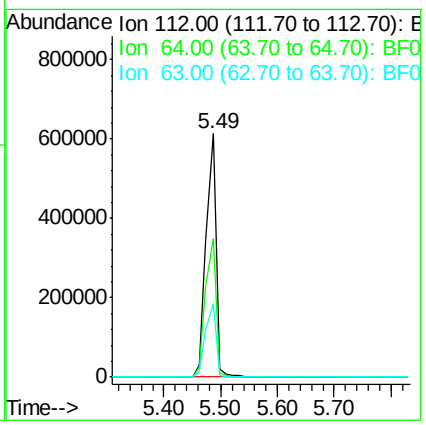


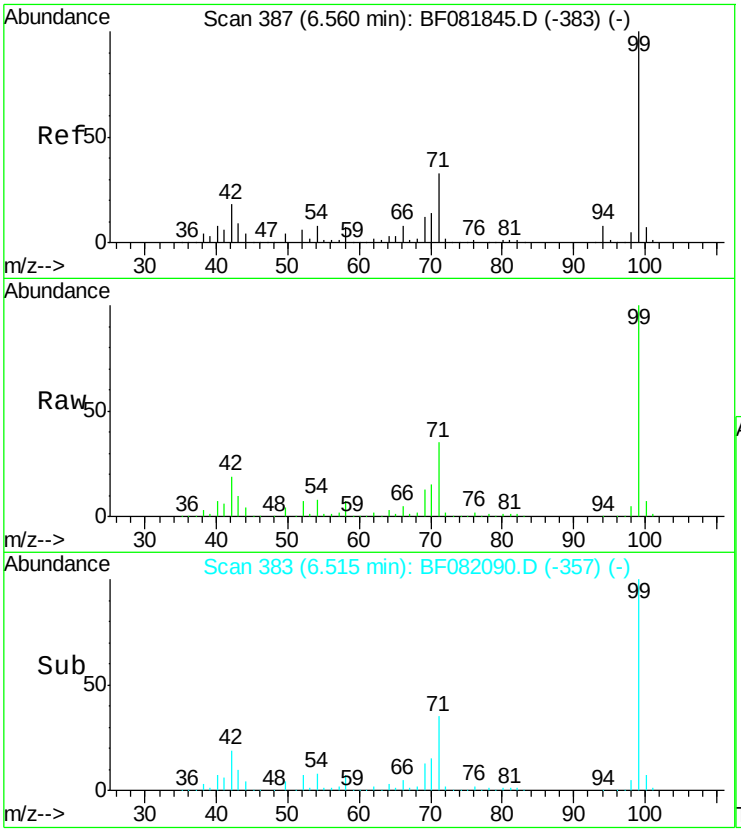


#5
2-Fluorophenol
Concen: 147.59 ng
RT: 5.49 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Tgt Ion:112 Resp: 716379

Ion	Ratio	Lower	Upper
112	100		
64	57.0	39.7	59.5
63	30.1	17.4	26.0#



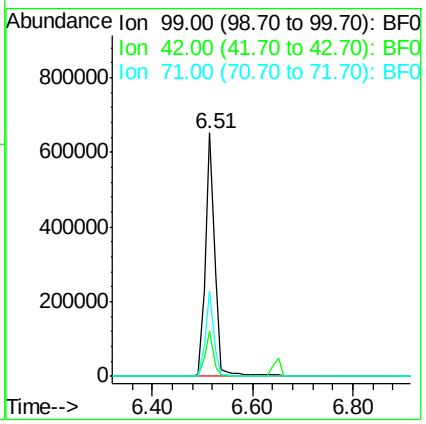


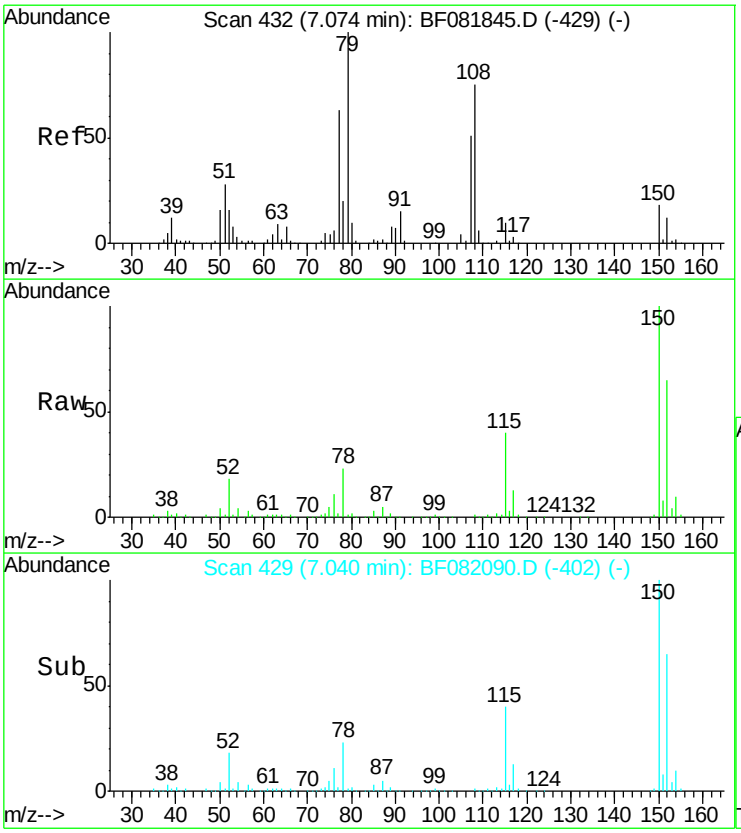
#7
Phenol-d6
Concen: 139.45 ng
RT: 6.51 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-02)

Tgt Ion: 99 Resp: 851691

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.7	20.5
71	34.9	14.2	21.2#

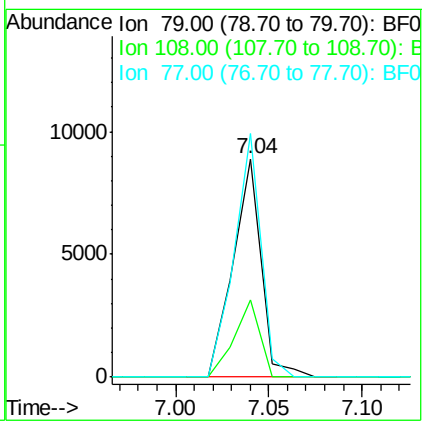


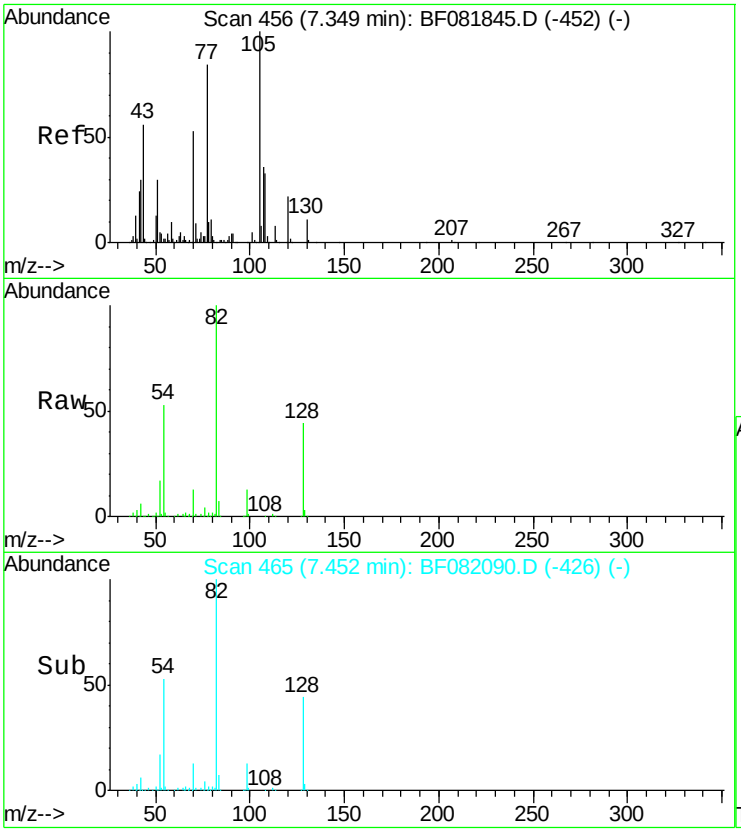


#15
Benzyl Alcohol
Concen: 2.14 ng
RT: 7.04 min Scan# 429
Delta R.T. 0.01 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Tgt Ion: 79 Resp: 9415

Ion	Ratio	Lower	Upper
79	100		
108	35.2	88.6	132.8#
77	111.4	47.0	70.4#



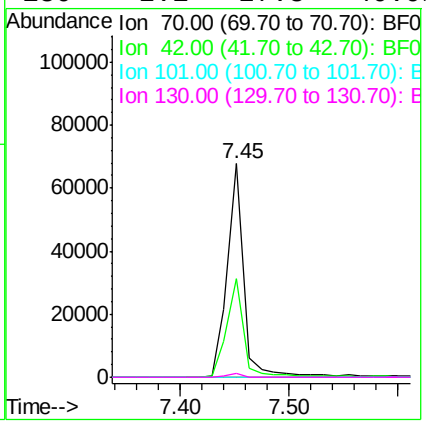


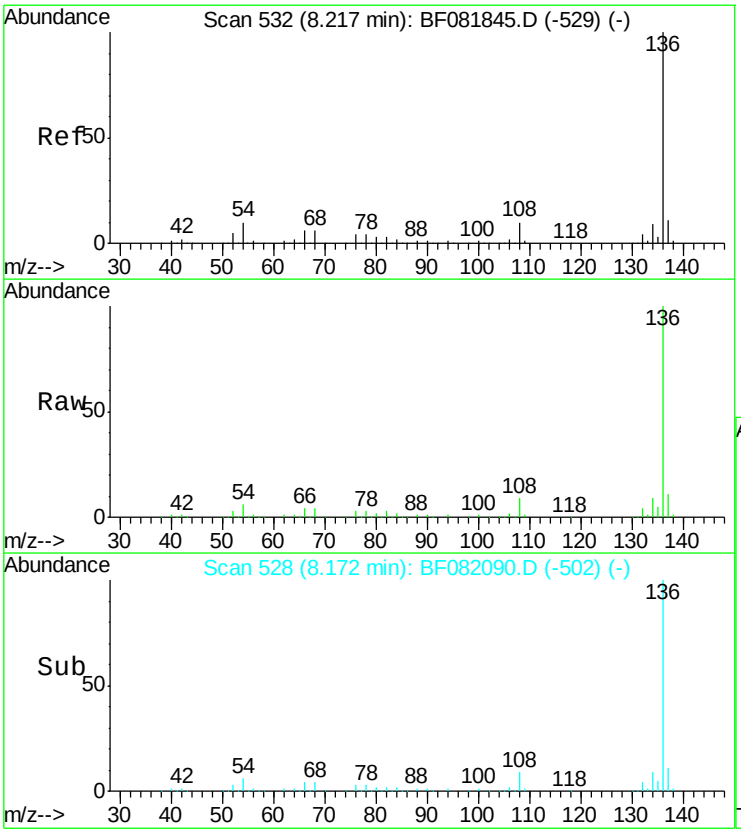
#19
n-Nitroso-di-n-propylamine
Concen: 19.28 ng
RT: 7.45 min Scan# 465
Delta R.T. 0.15 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-02)

Tgt Ion: 70 Resp: 71567

Ion	Ratio	Lower	Upper
70	100		
42	46.1	63.8	95.6#
101	0.0	9.2	13.8#
130	2.1	27.3	40.9#

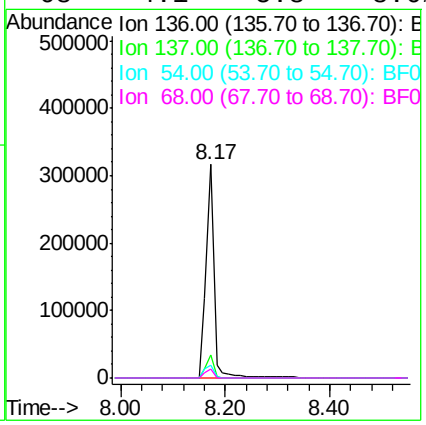


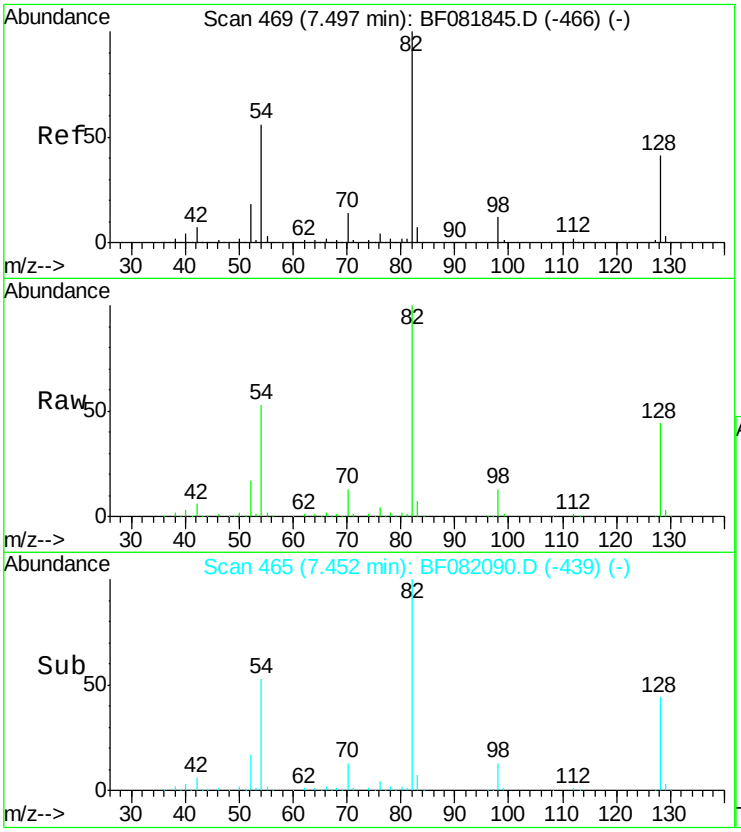


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Tgt Ion:136 Resp: 339921

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.1	8.2	12.2#
68	4.1	5.8	8.6#



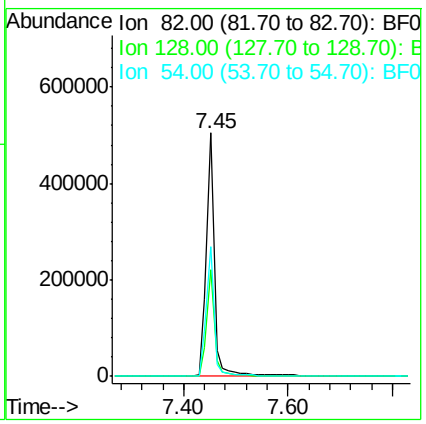


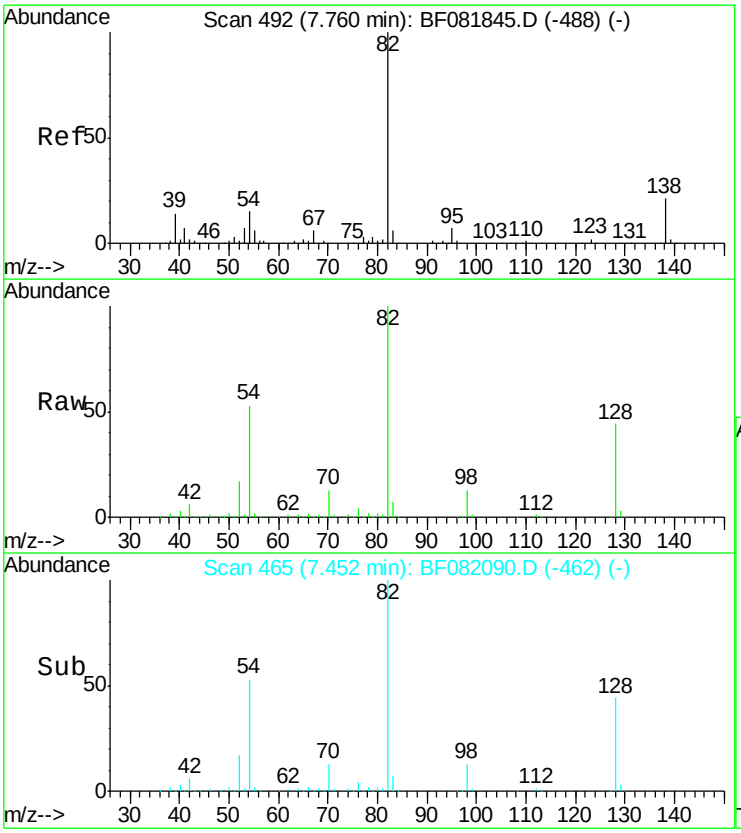
#23
Nitrobenzene-d5
Concen: 108.92 ng
RT: 7.45 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-02)

Tgt Ion: 82 Resp: 555430

Ion	Ratio	Lower	Upper
82	100		
128	43.8	51.0	76.6#
54	53.1	47.5	71.3

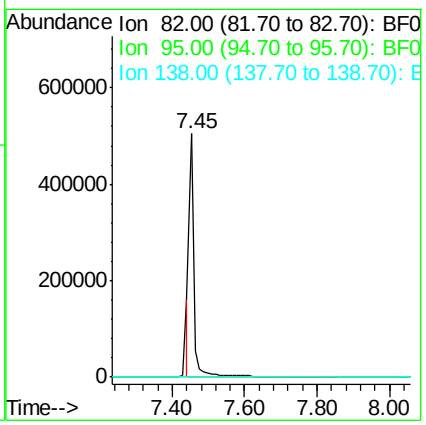


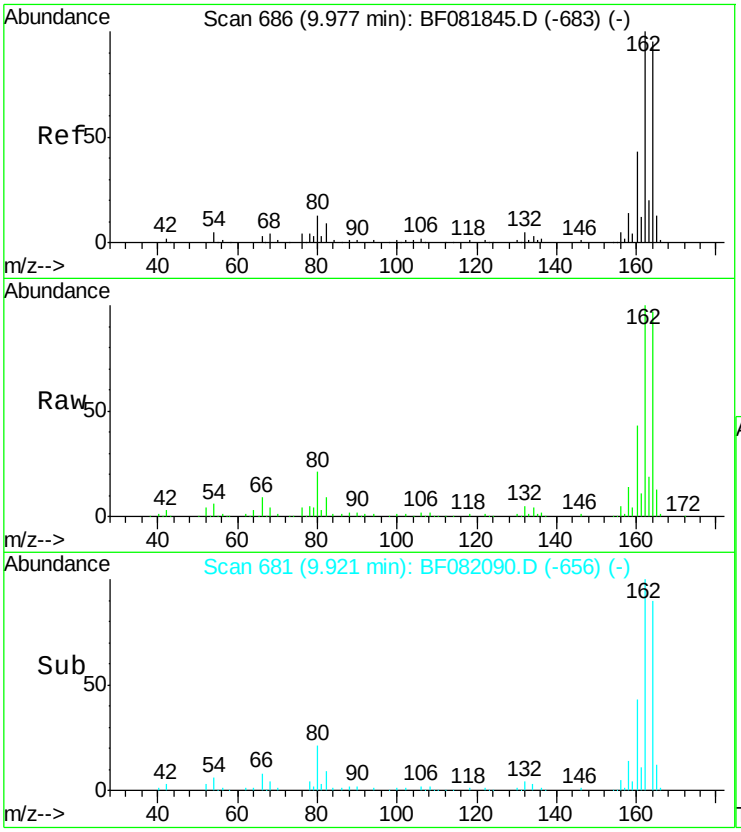


#25
Isophorone
Concen: 43.50 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.26 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Tgt Ion: 82 Resp: 439608

Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#



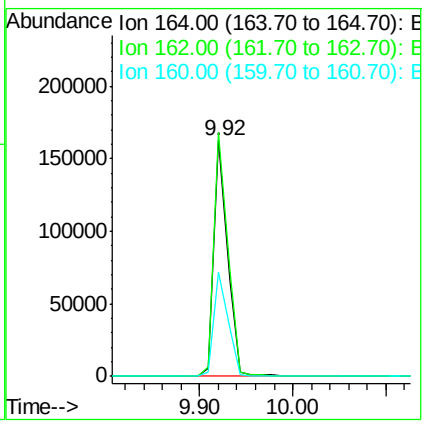


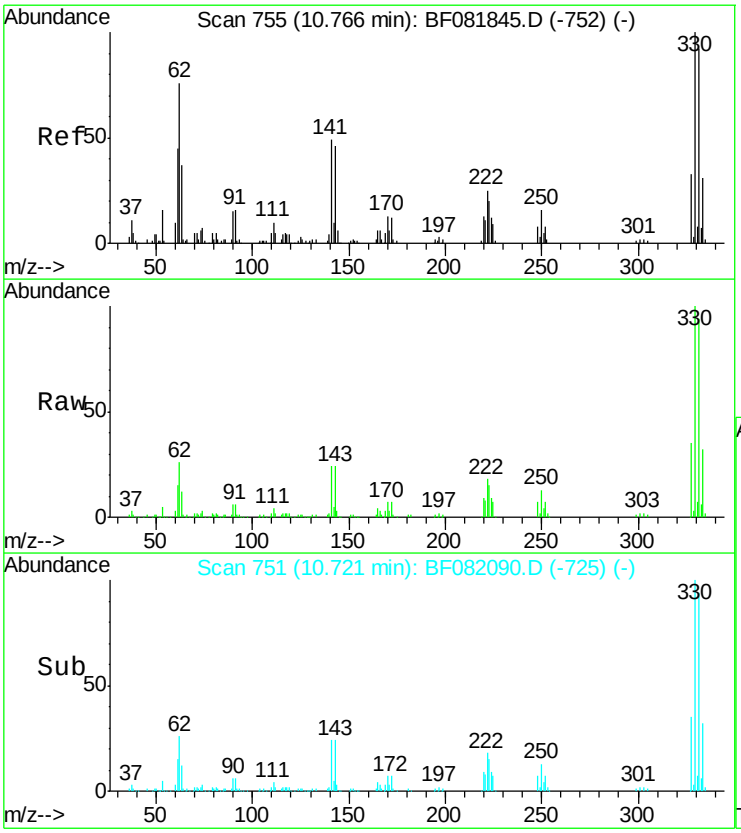
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-02)

Tgt Ion:164 Resp: 164689

Ion	Ratio	Lower	Upper
164	100		
162	103.4	75.2	112.8
160	44.3	31.5	47.3

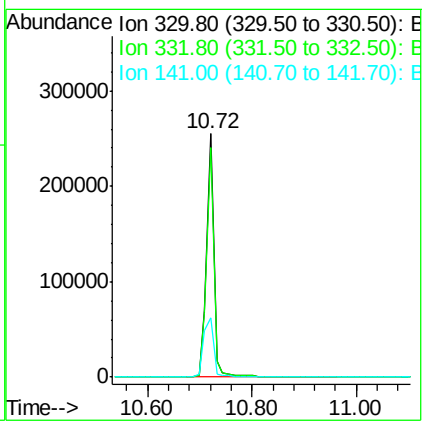


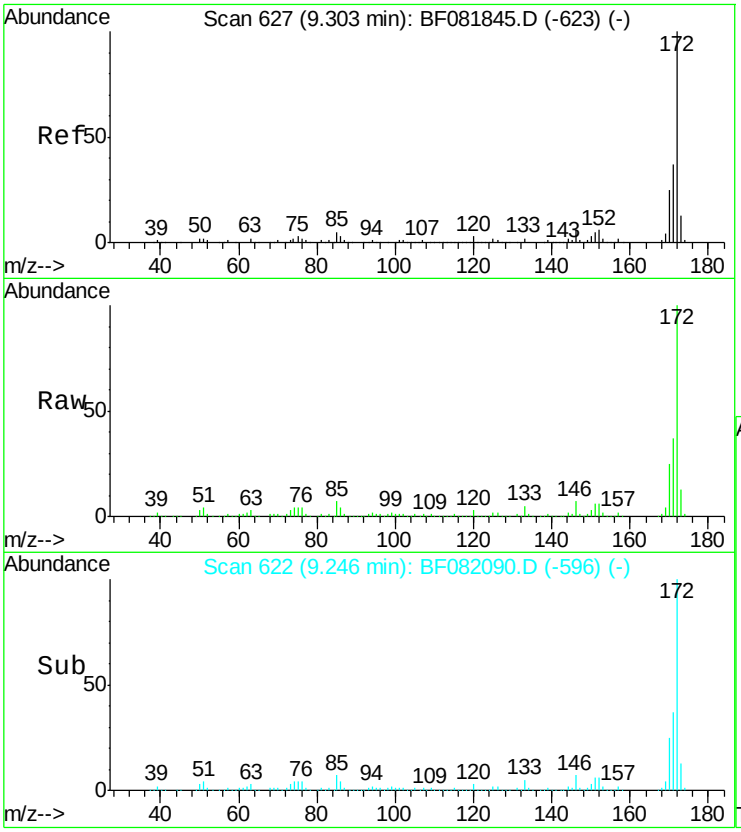


#41
2,4,6-Tribromophenol
Concen: 150.74 ng
RT: 10.72 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Tgt Ion:330 Resp: 251425

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	114.8
141	33.3	29.7	44.5



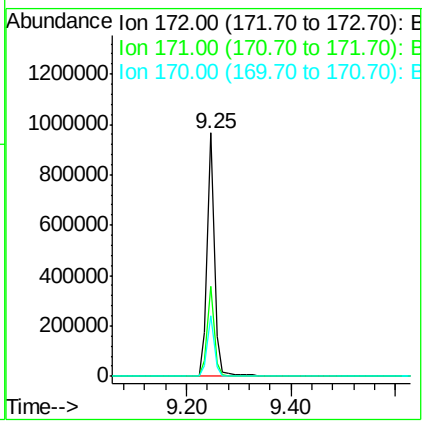


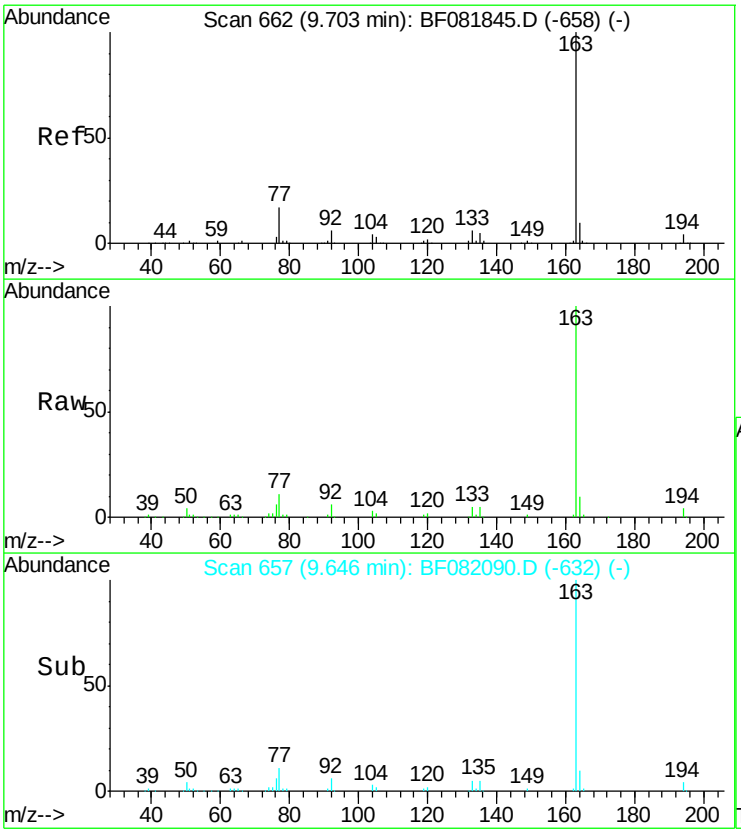
#44
2-Fluorobiphenyl
Concen: 99.43 ng
RT: 9.25 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-02)

Tgt Ion:172 Resp: 946574

Ion	Ratio	Lower	Upper
172	100		
171	36.8	26.1	39.1
170	24.9	17.4	26.2

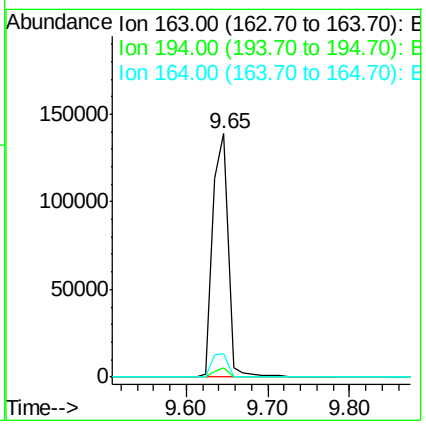


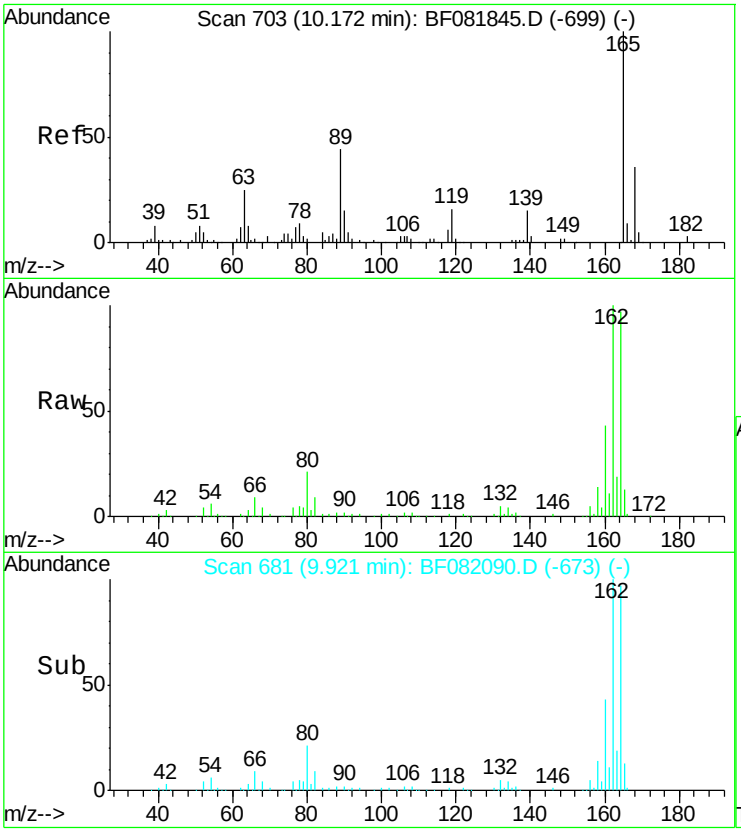


#49
Dimethylphthalate
Concen: 16.13 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Tgt Ion:163 Resp: 183391

Ion	Ratio	Lower	Upper
163	100		
194	4.1	4.4	6.6#
164	9.5	8.3	12.5



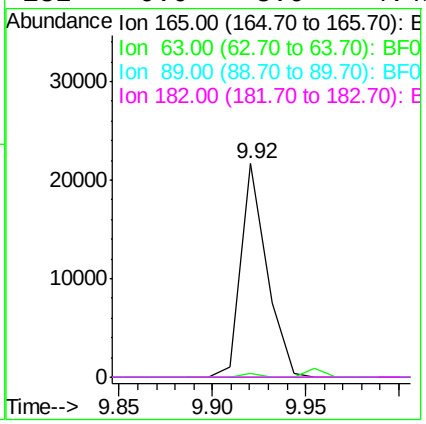


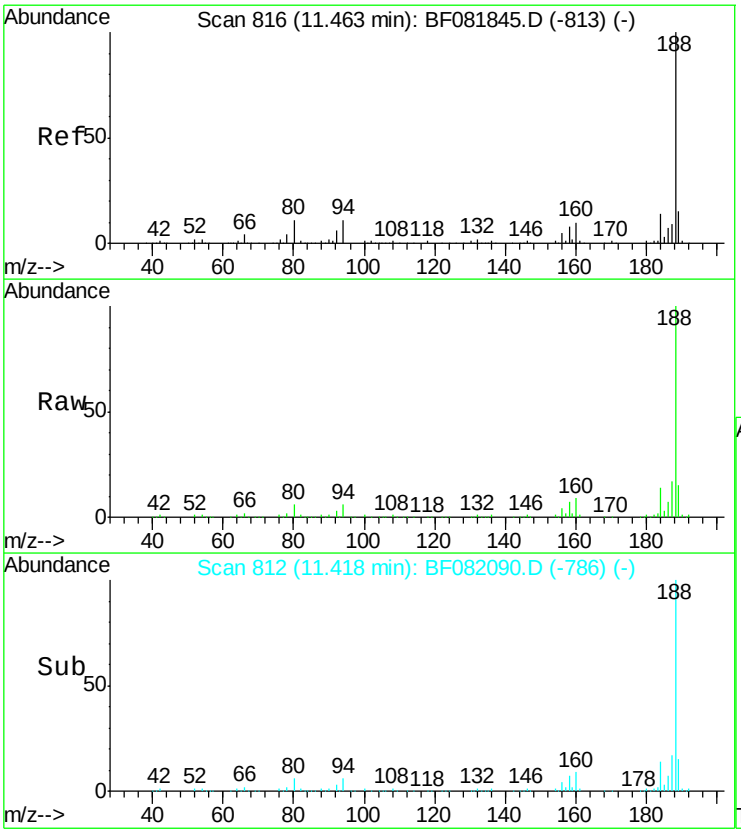
#56
2,4-Dinitrotoluene
Concen: 6.69 ng
RT: 9.92 min Scan# 681
Delta R.T. -0.21 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-02)

Tgt Ion:165 Resp: 21056

Ion	Ratio	Lower	Upper
165	100		
63	1.7	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

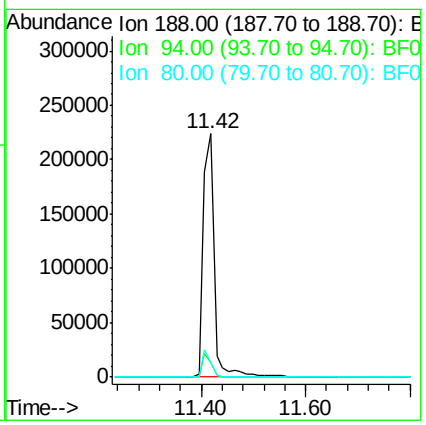


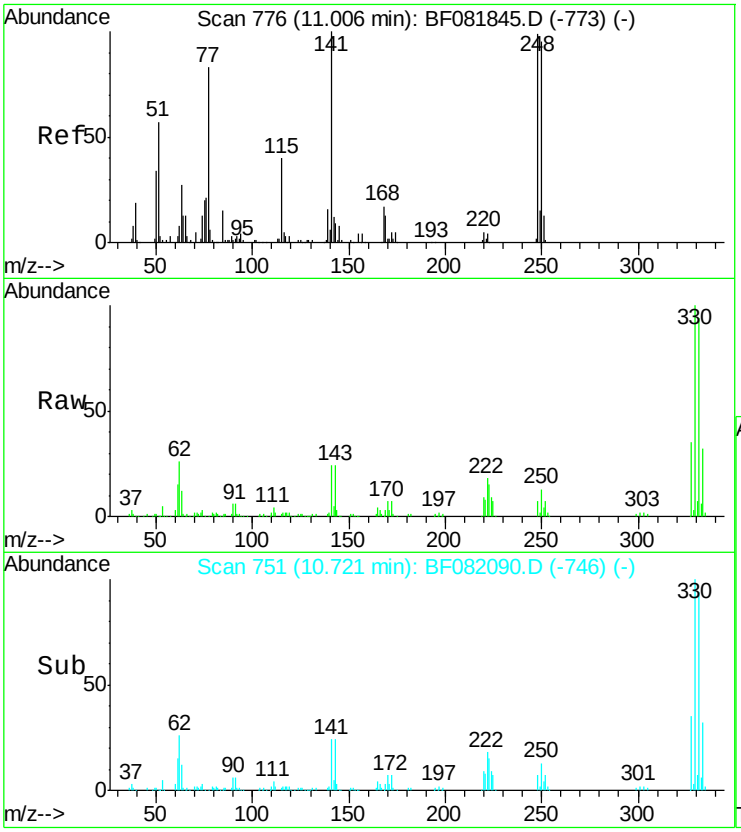


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Tgt Ion:188 Resp: 327884

Ion	Ratio	Lower	Upper
188	100		
94	5.9	11.1	16.7#
80	5.9	11.0	16.4#



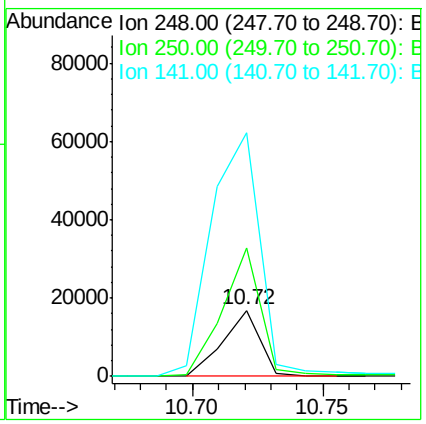


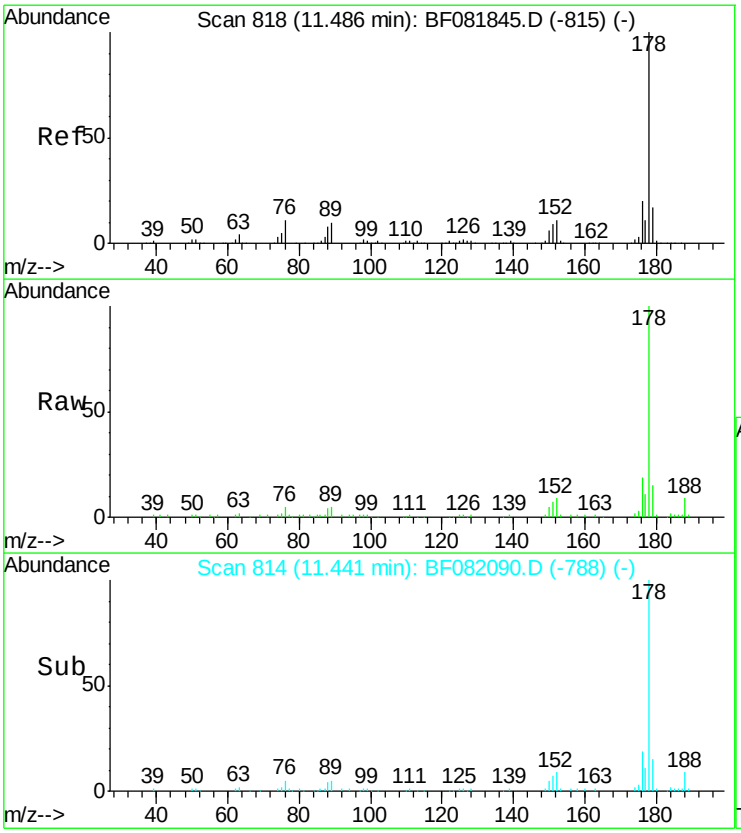
#66
4-Bromophenyl-phenylether
Concen: 5.11 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.24 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-02)

Tgt Ion:248 Resp: 16905

Ion	Ratio	Lower	Upper
248	100		
250	196.3	78.5	117.7#
141	370.7	59.0	88.6#

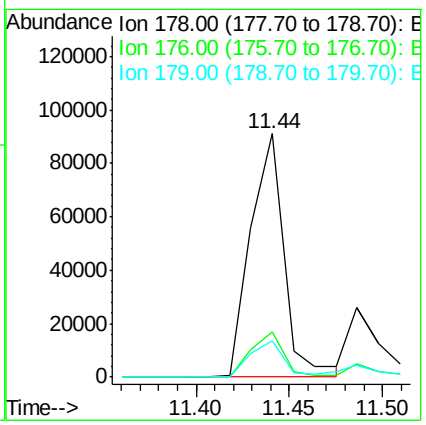


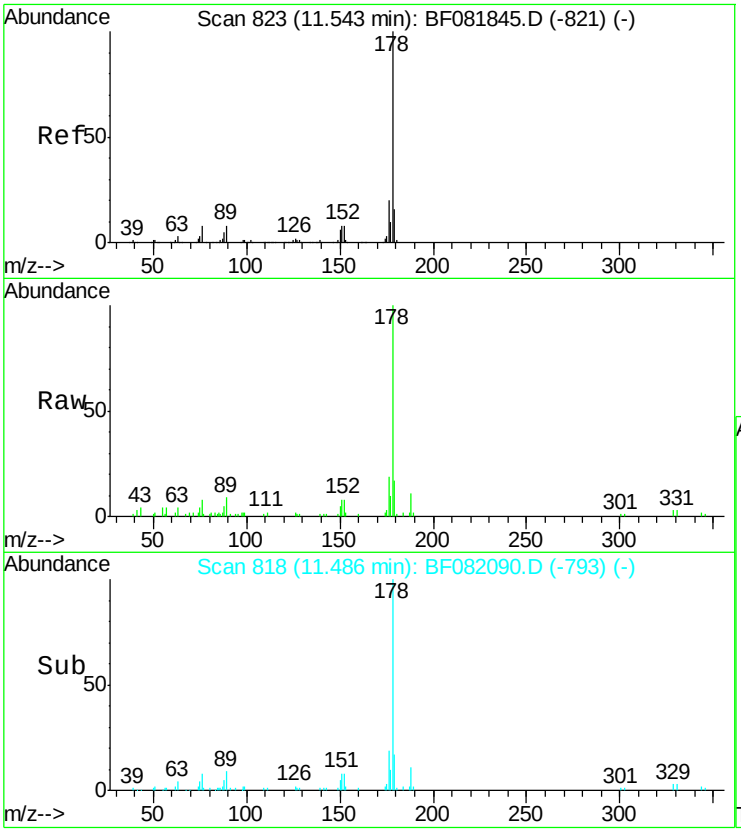


#70
Phenanthrene
Concen: 5.72 ng
RT: 11.44 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Tgt Ion:178 Resp: 113254

Ion	Ratio	Lower	Upper
178	100		
176	18.7	13.8	20.8
179	15.0	12.2	18.2



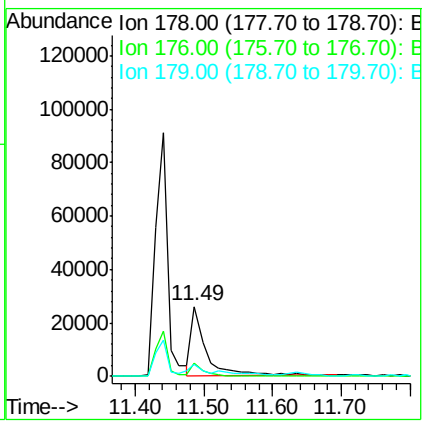


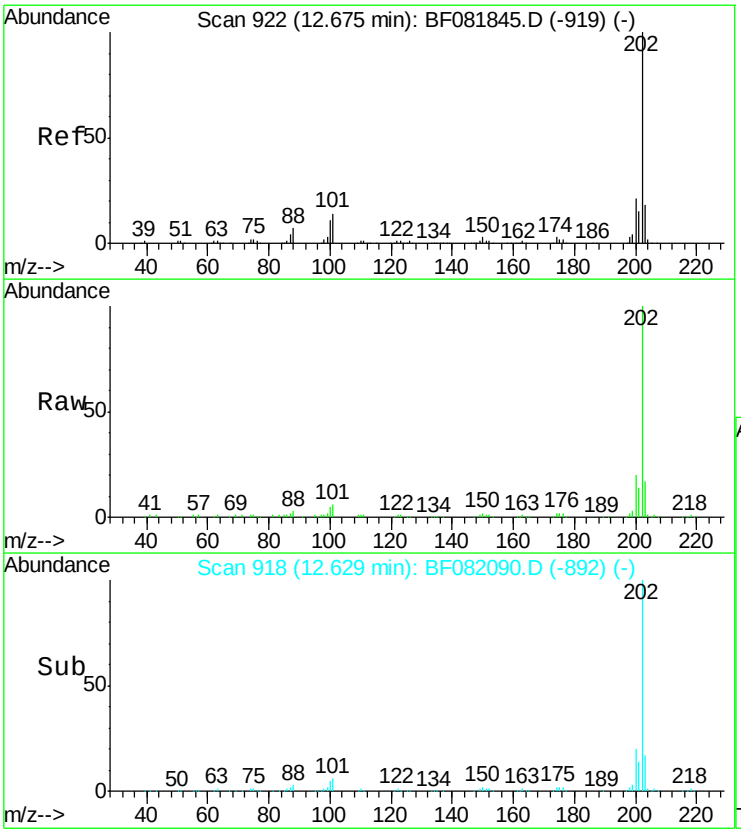
#71
Anthracene
Concen: 2.33 ng
RT: 11.49 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-02)

Tgt Ion:178 Resp: 38871

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.1	21.1
179	16.8	12.2	18.2

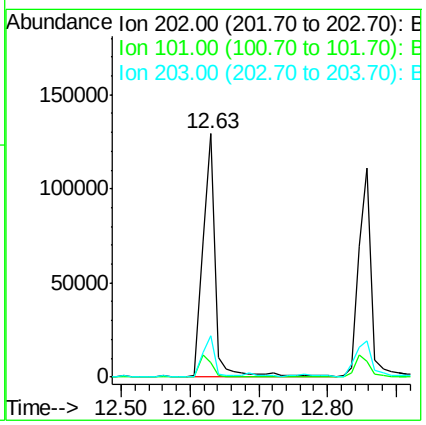


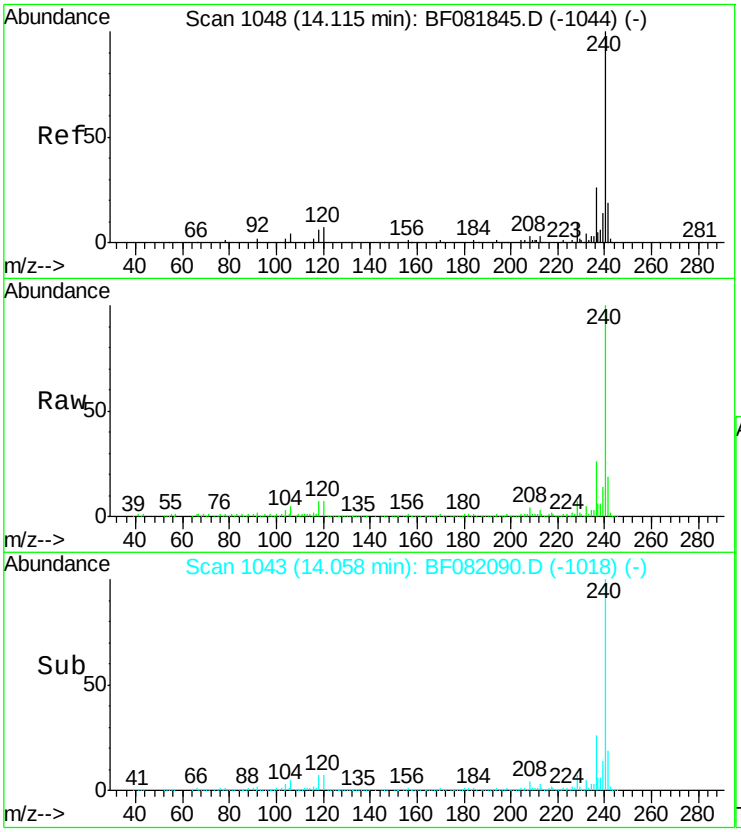


#74
Fluoranthene
Concen: 9.19 ng
RT: 12.63 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Tgt Ion:202 Resp: 161457

Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	38.3
203	17.2	0.0	37.3



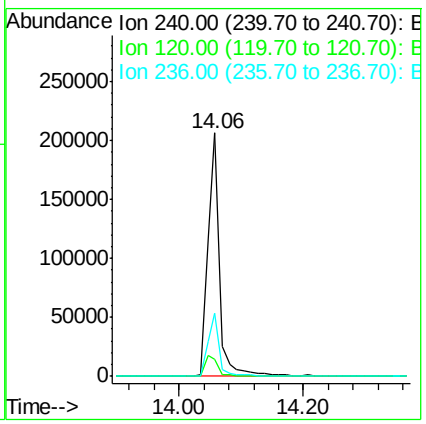


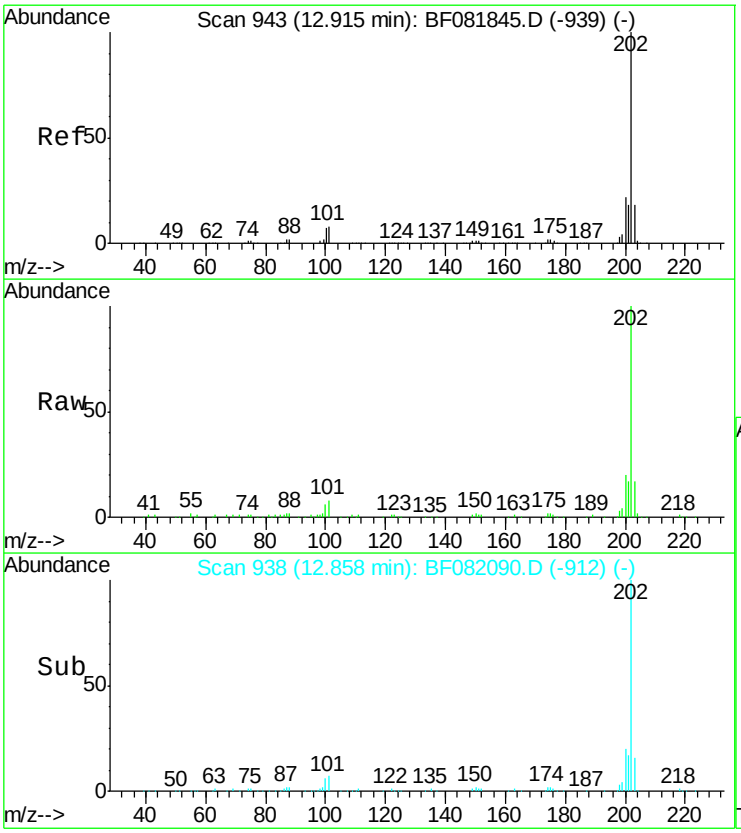
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-02)

Tgt Ion:240 Resp: 266268

Ion	Ratio	Lower	Upper
240	100		
120	7.2	16.2	24.2#
236	25.8	18.4	27.6

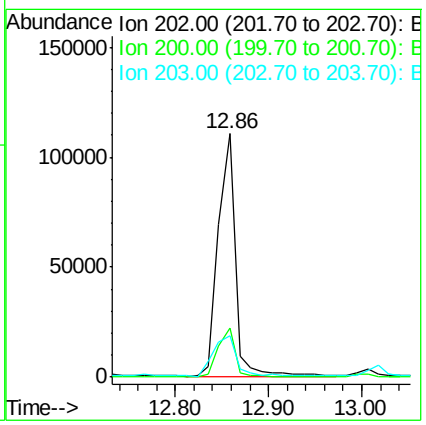


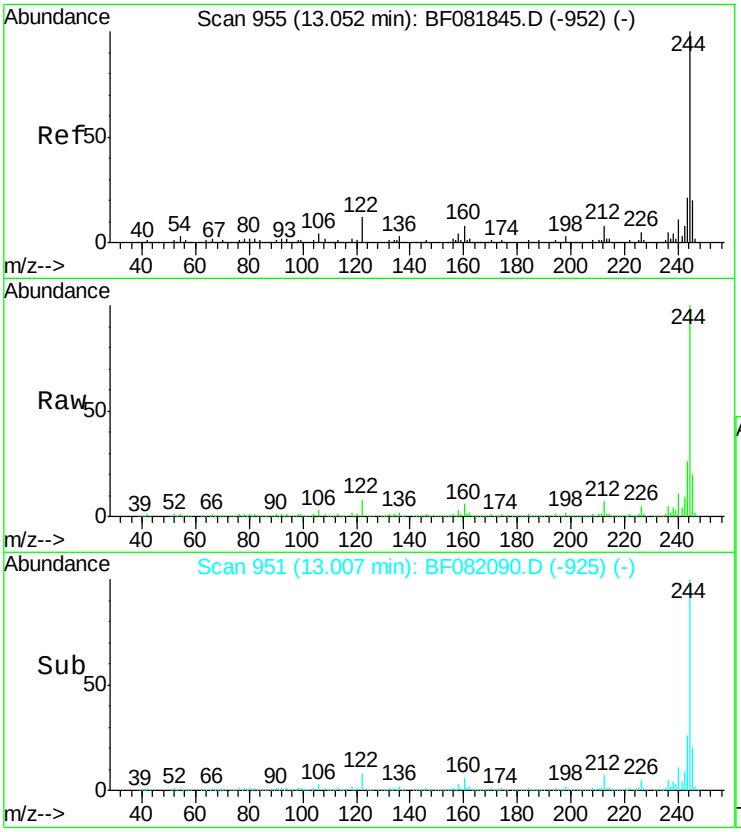


#77
Pyrene
Concen: 8.93 ng
RT: 12.86 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Tgt Ion:202 Resp: 142031

Ion	Ratio	Lower	Upper
202	100		
200	20.4	15.0	22.4
203	17.1	14.1	21.1



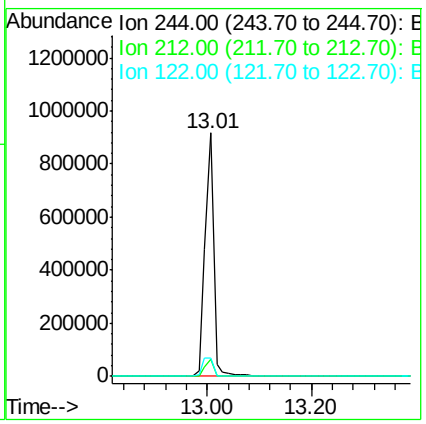


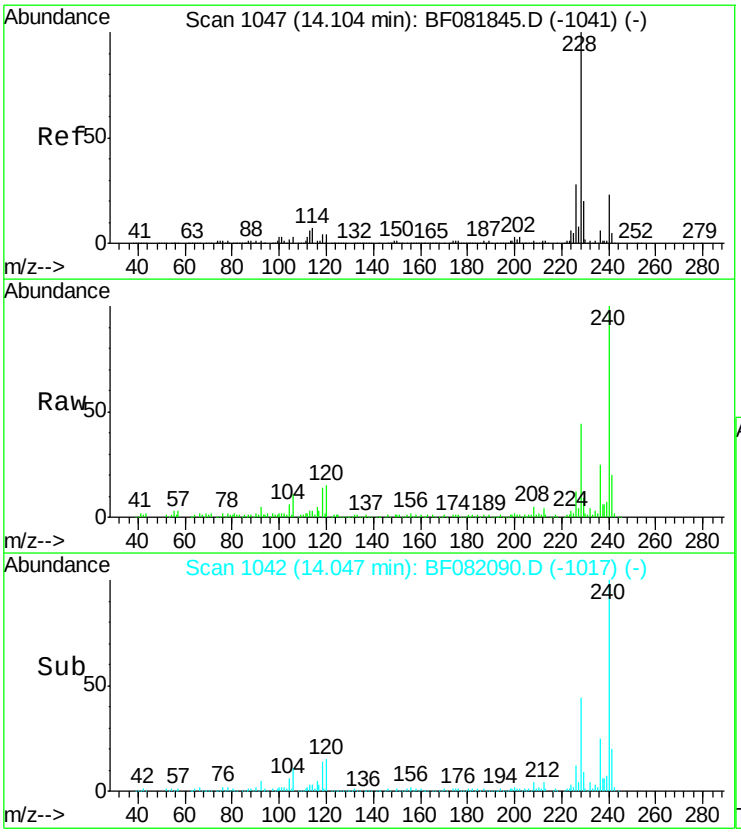
#78
Terphenyl-d14
Concen: 182.36 ng
RT: 13.01 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-02)

Tgt Ion:244 Resp: 1052395

Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.3	6.5#
122	7.7	17.4	26.2#

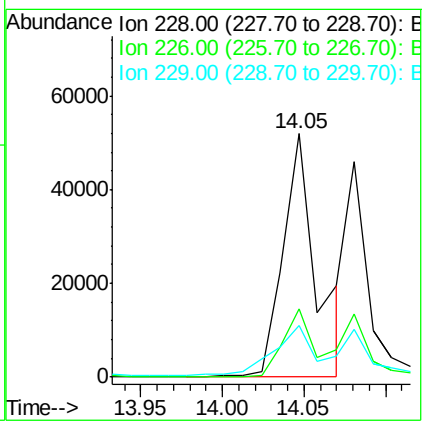


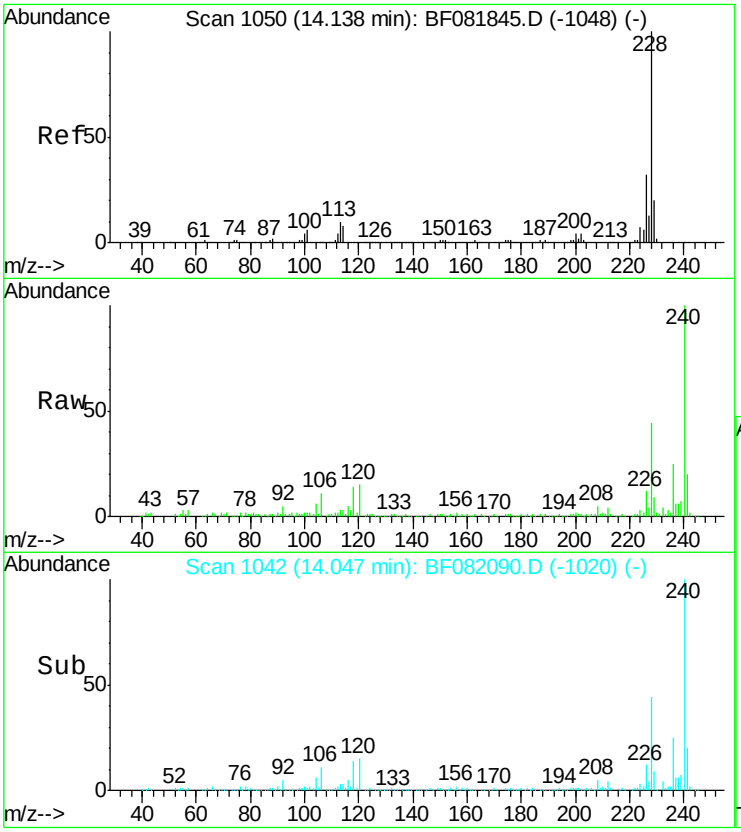


#80
Benzo(a)anthracene
Concen: 5.25 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Tgt Ion:228 Resp: 75270

Ion	Ratio	Lower	Upper
228	100		
226	27.9	20.0	30.0
229	21.0	15.4	23.2



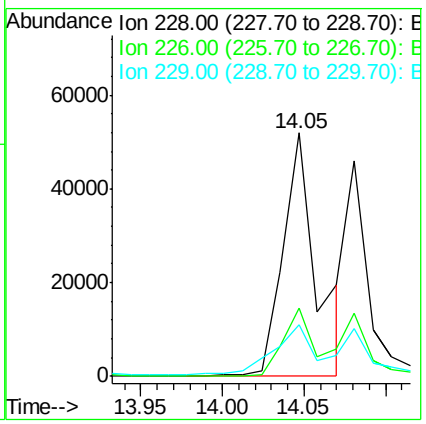


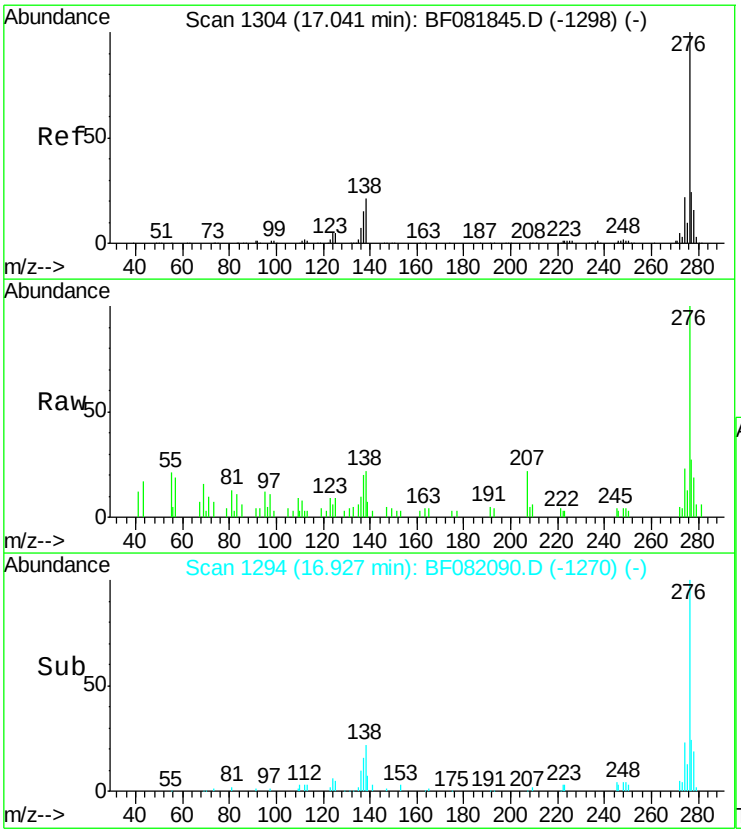
#82
Chrysene
Concen: 4.90 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.05 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-02)

Tgt Ion:228 Resp: 75270

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.0	31.4
229	21.0	15.6	23.4

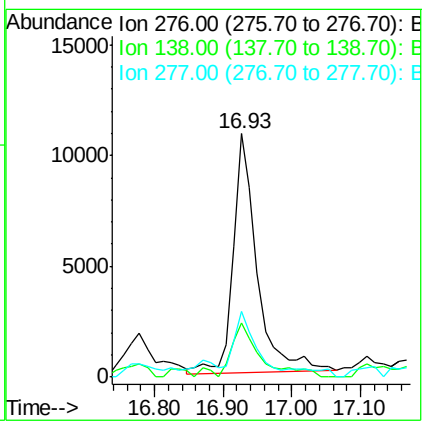


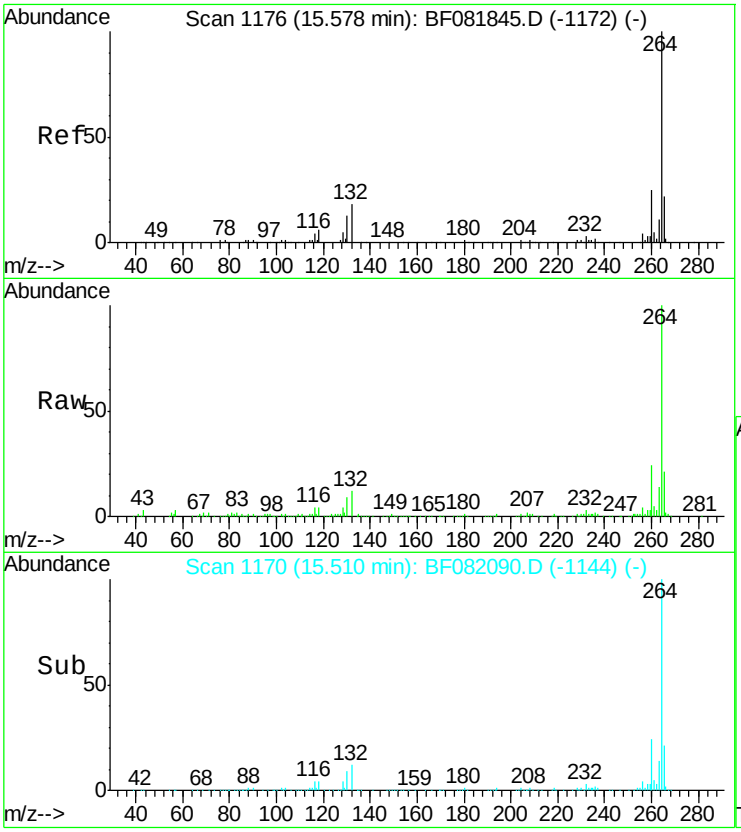


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.31 ng
RT: 16.93 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Tgt Ion:276 Resp: 25921

Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.7	38.5
277	20.6	15.6	23.4



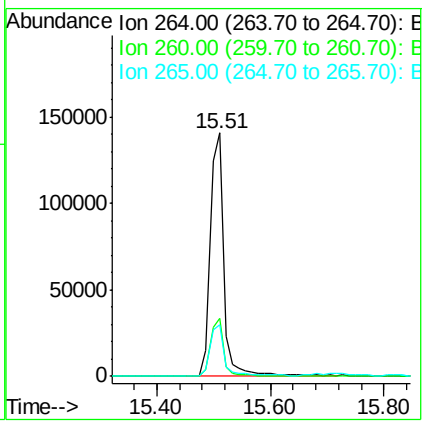


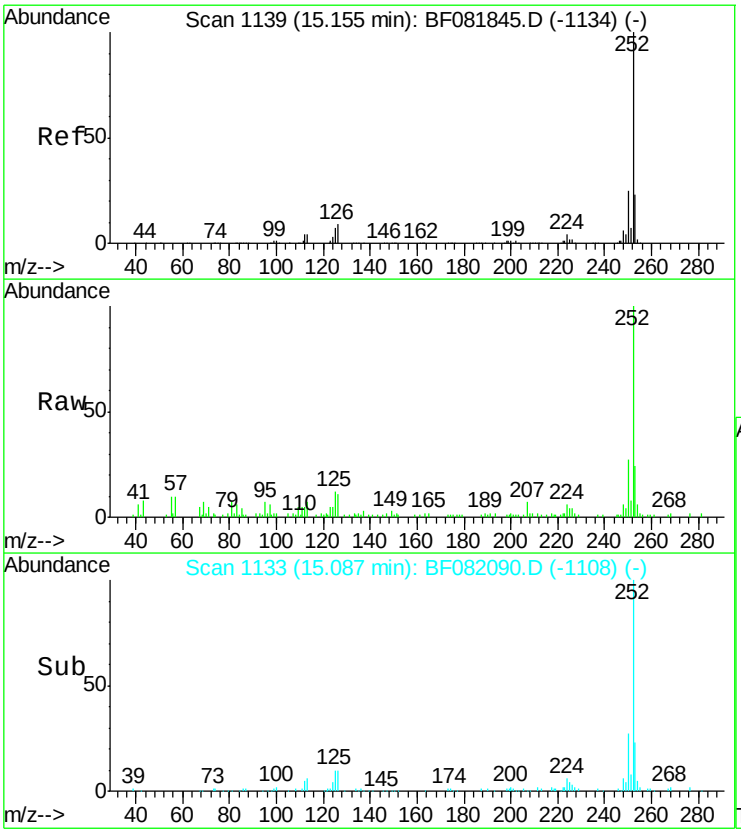
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-02)

Tgt Ion:264 Resp: 229459

Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	21.2	17.2	25.8

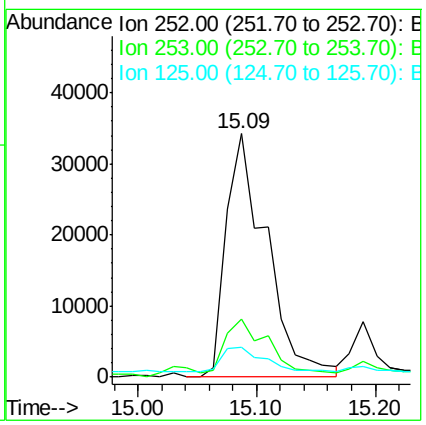


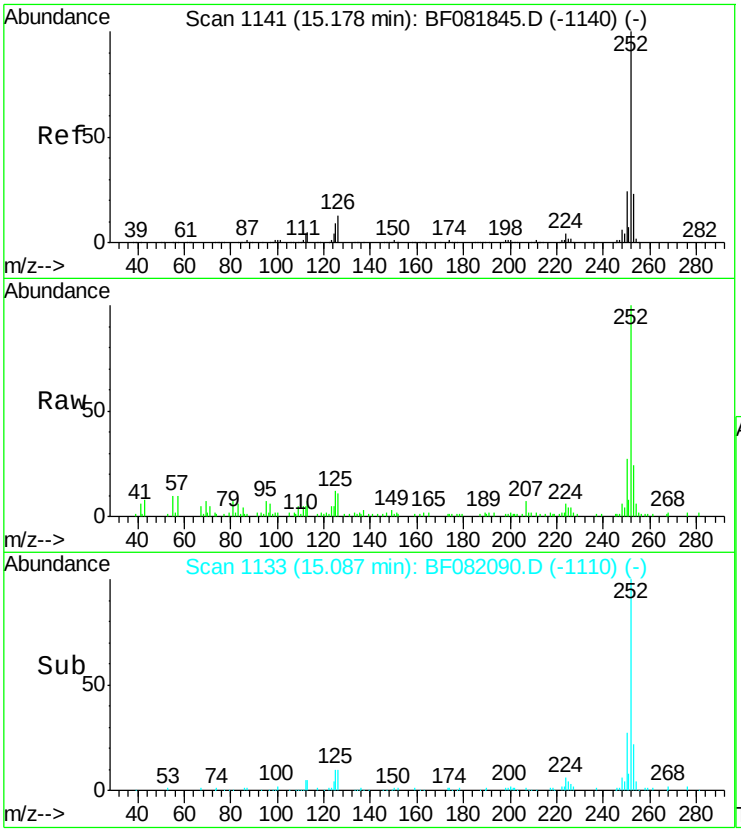


#87
Benzo(b)fluoranthene
Concen: 6.18 ng
RT: 15.09 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Tgt Ion:252 Resp: 80942

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	12.4	17.1	25.7#



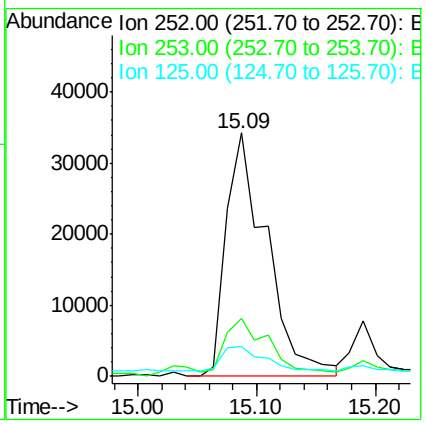


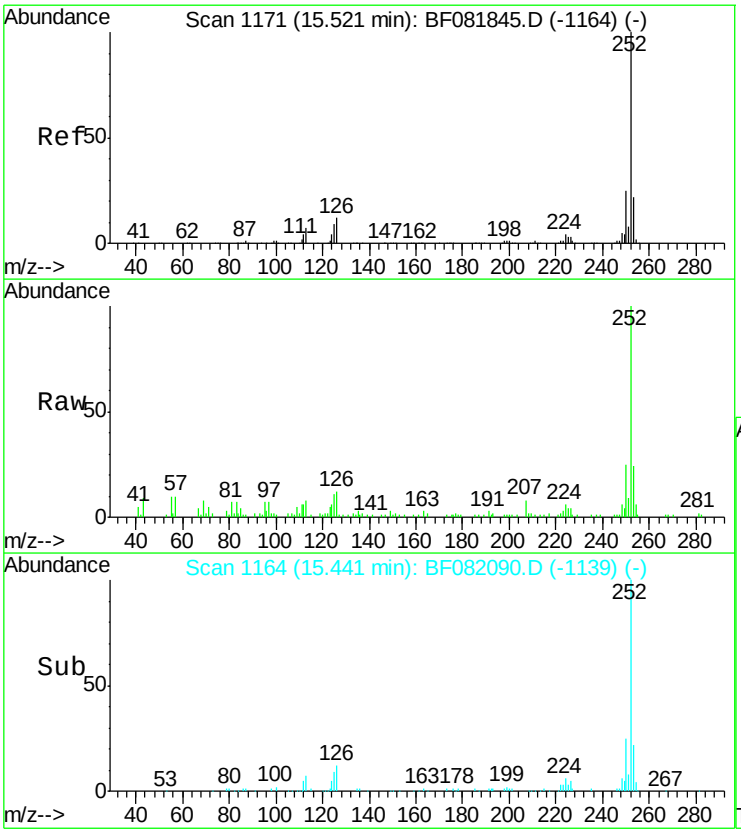
#88
Benzo(k)fluoranthene
Concen: 6.74 ng
RT: 15.09 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-02)

Tgt Ion:252 Resp: 80942

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.4
125	12.4	16.0	24.0#

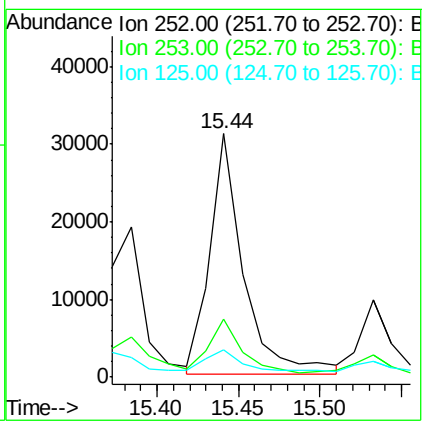


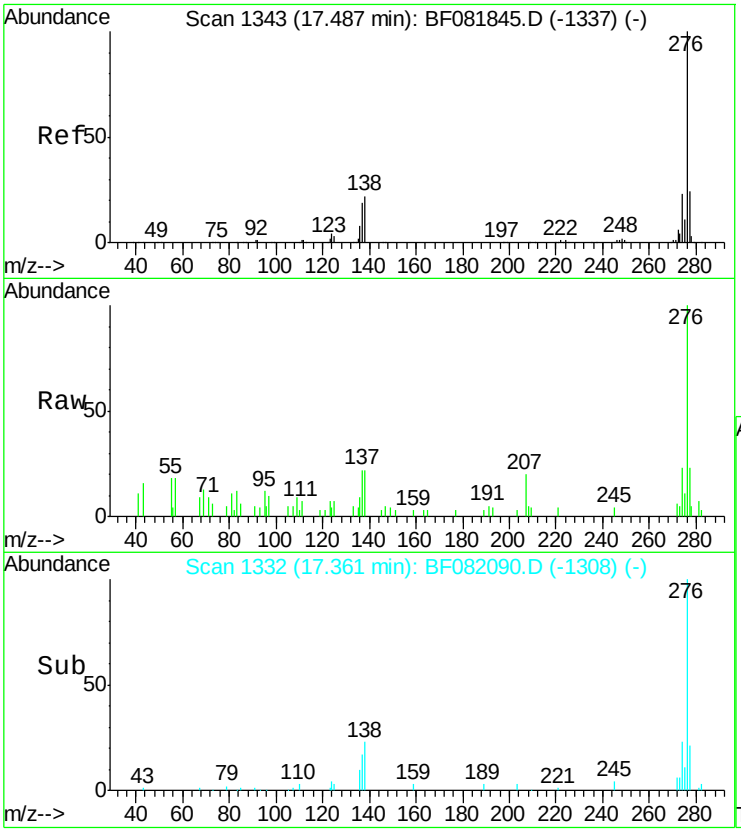


#89
Benzo(a)pyrene
Concen: 3.89 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Tgt Ion:252 Resp: 44177

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	11.3	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 2.68 ng
RT: 17.36 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF082090.D
Acq: 6 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-02)

Tgt Ion:276 Resp: 26170

Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.8	26.6
138	22.3	34.6	51.8#