Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
Data File : BF082071.D
Acq On : 6 Oct 2015 4:31
Operator : UM/IZ
Sample : G3891-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-5(0-24)

Quant Time: Oct 06 07:43:21 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 17:58:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	90045	20.00	ng		0.01
21) Naphthalene-d8	8.17	136	335940	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	149386	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	238389	20.00	ng		0.00
75) Chrysene-d12	14.06	240	199893	20.00	ng		0.00
86) Perylene-d12	15.52	264	136200	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	510592	102.94	ng		0.01
7) Phenol-d6	6.53	99	750682	120.27	ng		0.01
23) Nitrobenzene-d5	7.45	82	390109	77.41	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	126750	83.78	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	803070	91.26	ng		0.01
78) Terphenyl-d14	13.01	244	612576	106.14	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	50866	13.41	ng	#	58
25) Isophorone	7.45	82	343060	34.34	ng	#	58
32) Benzoic acid	7.89	122	516	7.50	ng	#	1
48) Acenaphthylene	9.79	152	29576	2.04	ng		97
49) Dimethylphthalate	9.65	163	146952	14.25	ng	#	97
56) 2,4-Dinitrotoluene	9.93	165	19822	6.95	ng	#	34
66) 4-Bromophenyl-phenylether	10.72	248	8363	3.48	ng	#	1
70) Phenanthrene	11.44	178	193454	15.78	ng		98
71) Anthracene	11.50	178	56884	4.69	ng		99
73) Di-n-butylphthalate	11.98	149	5547	Below Cal		#	89
74) Fluoranthene	12.63	202	245748	19.24	ng		93
77) Pyrene	12.86	202	243784	20.41	ng		95
80) Benzo(a)anthracene	14.09	228	109910	10.21	ng		92
82) Chrysene	14.09	228	110733	9.01	ng		94
85) Indeno(1,2,3-cd)pyrene	16.95	276	35676	4.24	ng	#	77
87) Benzo(b)fluoranthene	15.10	252	131182	16.87	ng	#	88
88) Benzo(k)fluoranthene	15.10	252	131182	18.41	ng	#	88
89) Benzo(a)pyrene	15.45	252	64703	9.59	ng	#	89
91) Benzo(g,h,i)perylene	17.38	276	35761	6.17	ng	#	80

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

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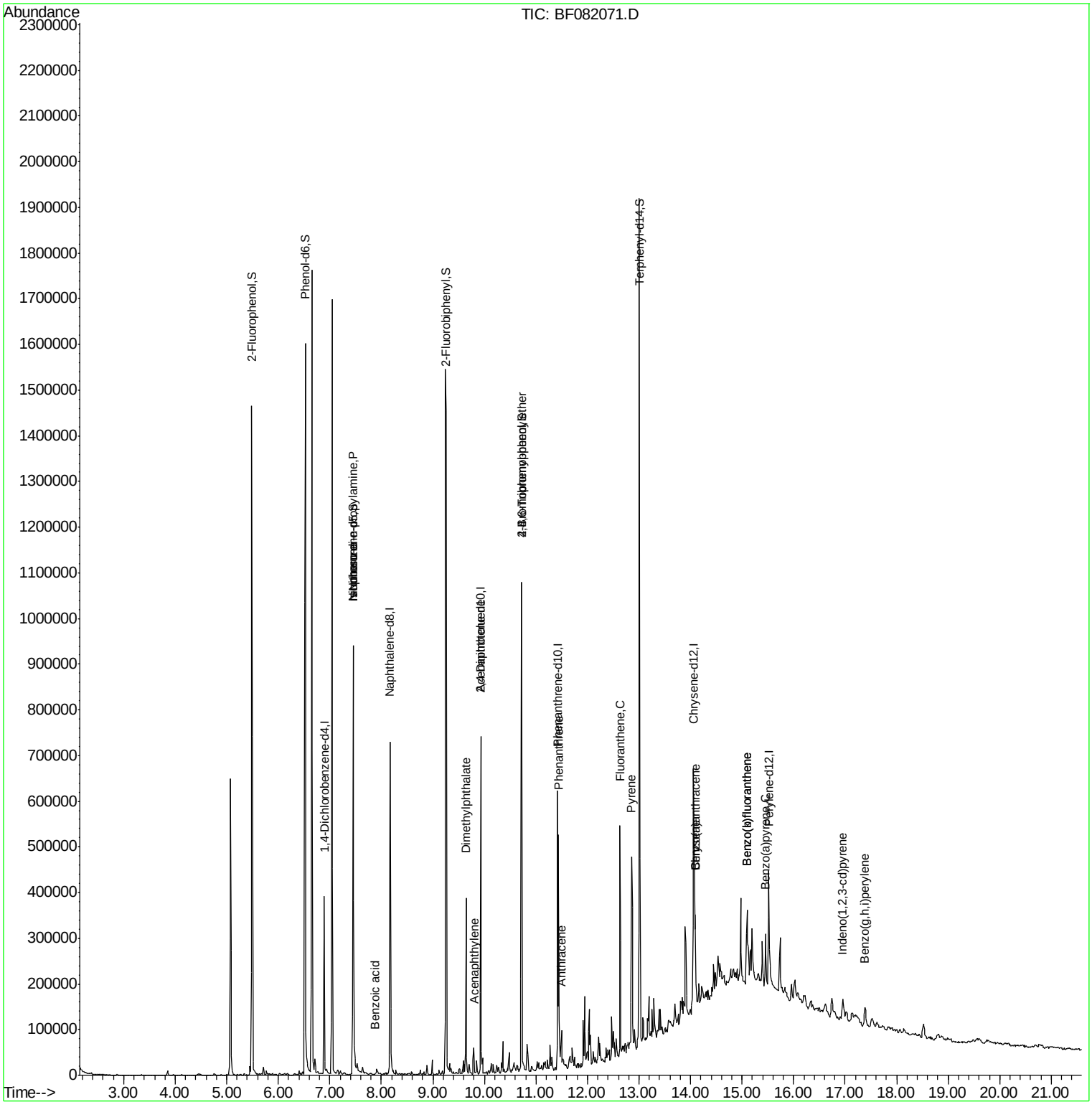
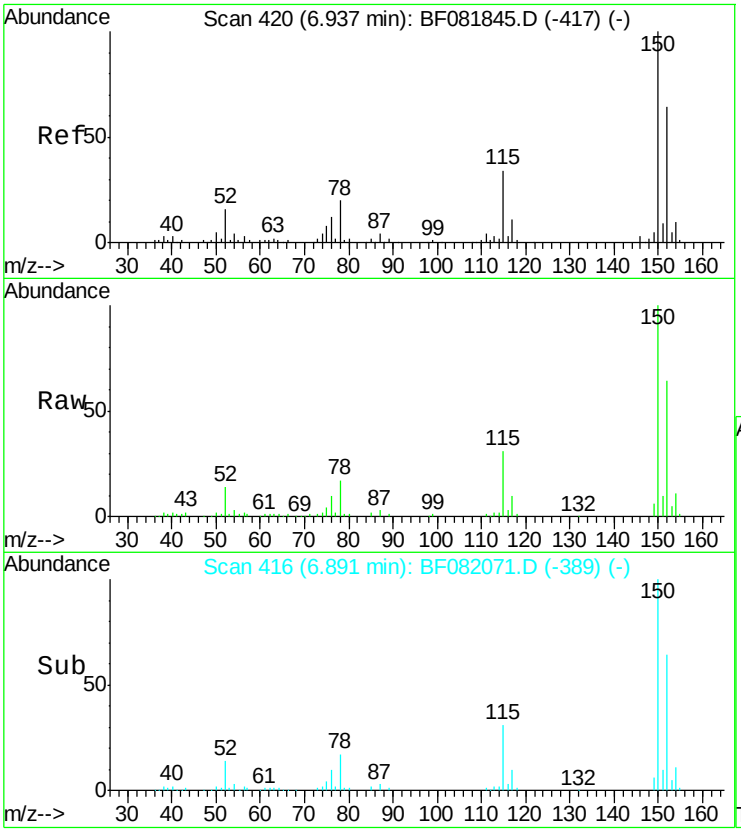


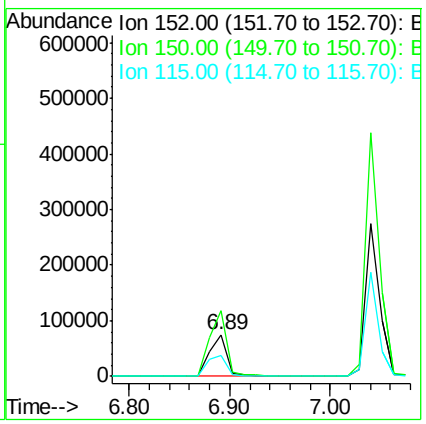


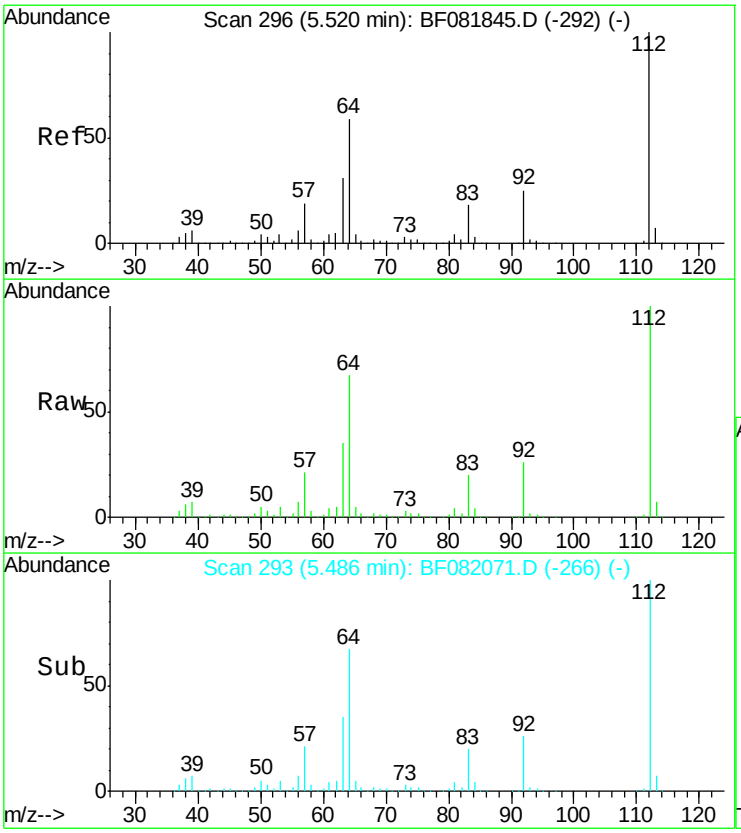
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. 0.01 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SS-5(0-24)

Tgt Ion:152 Resp: 90045

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.7	187.1
115	49.1	39.0	58.4

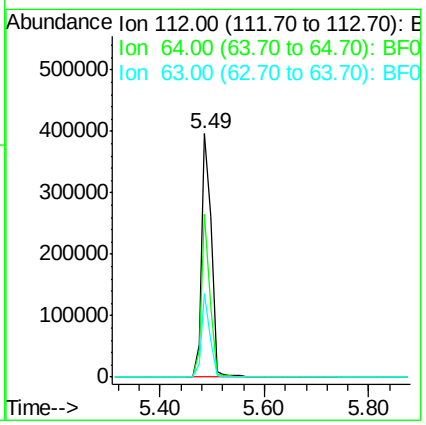


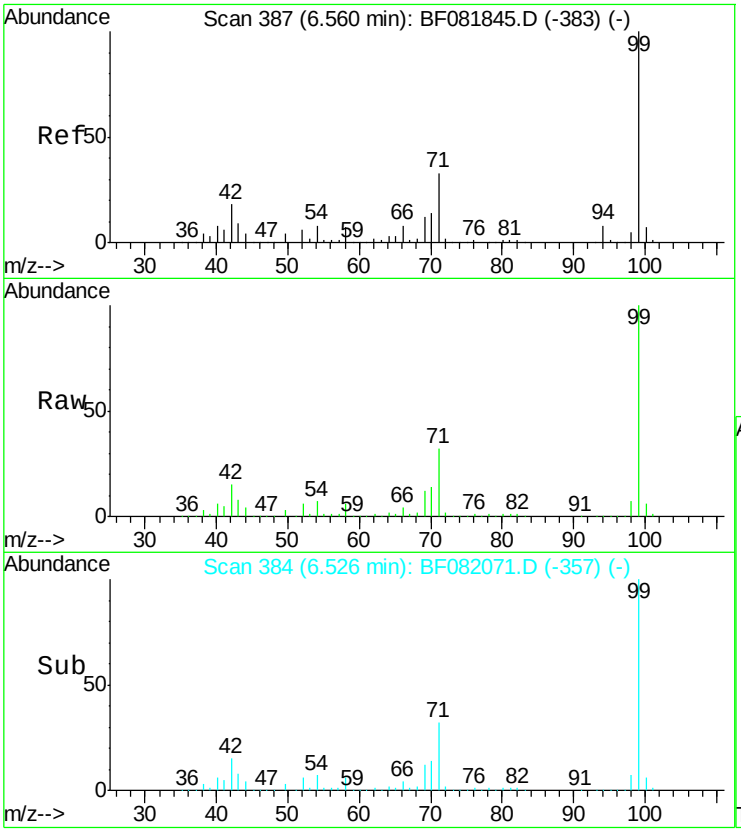


#5
2-Fluorophenol
Concen: 102.94 ng
RT: 5.49 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Tgt Ion:112 Resp: 510592

Ion	Ratio	Lower	Upper
112	100		
64	66.7	39.7	59.5#
63	34.5	17.4	26.0#



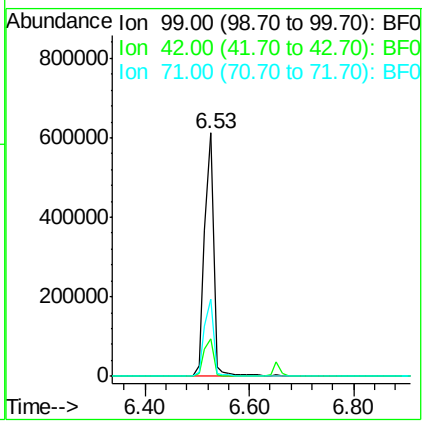


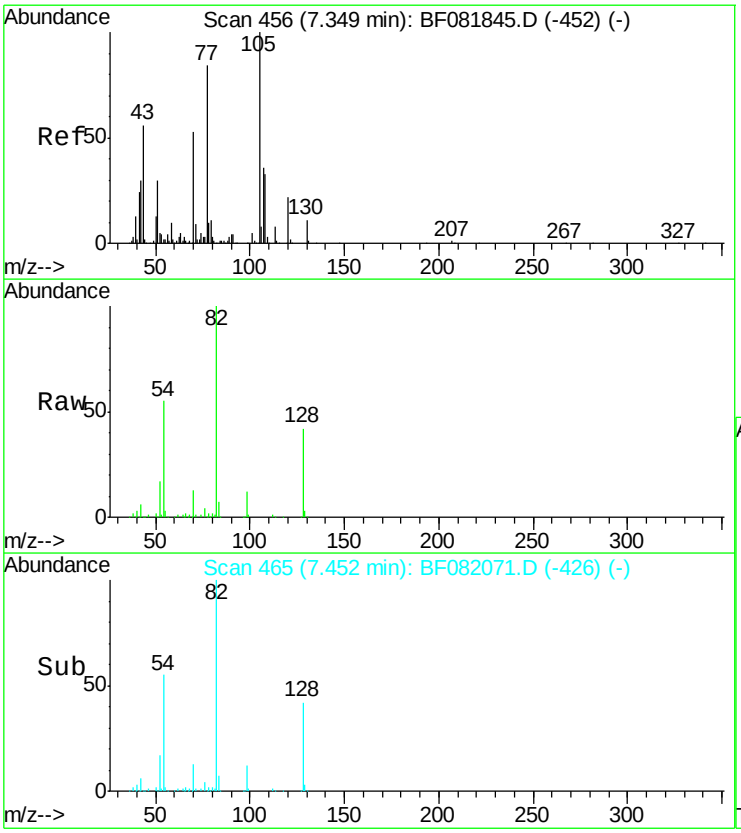
#7
Phenol-d6
Concen: 120.27 ng
RT: 6.53 min Scan# 384
Delta R.T. 0.01 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SS-5(0-24)

Tgt Ion: 99 Resp: 750682

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.7	20.5
71	31.5	14.2	21.2#

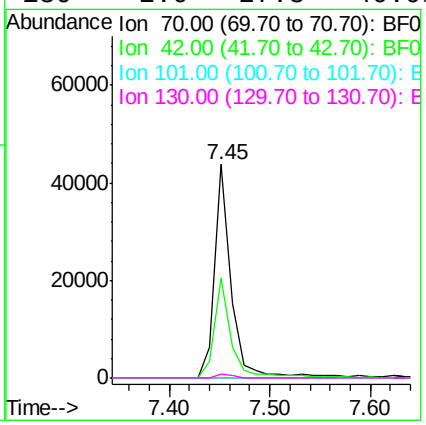


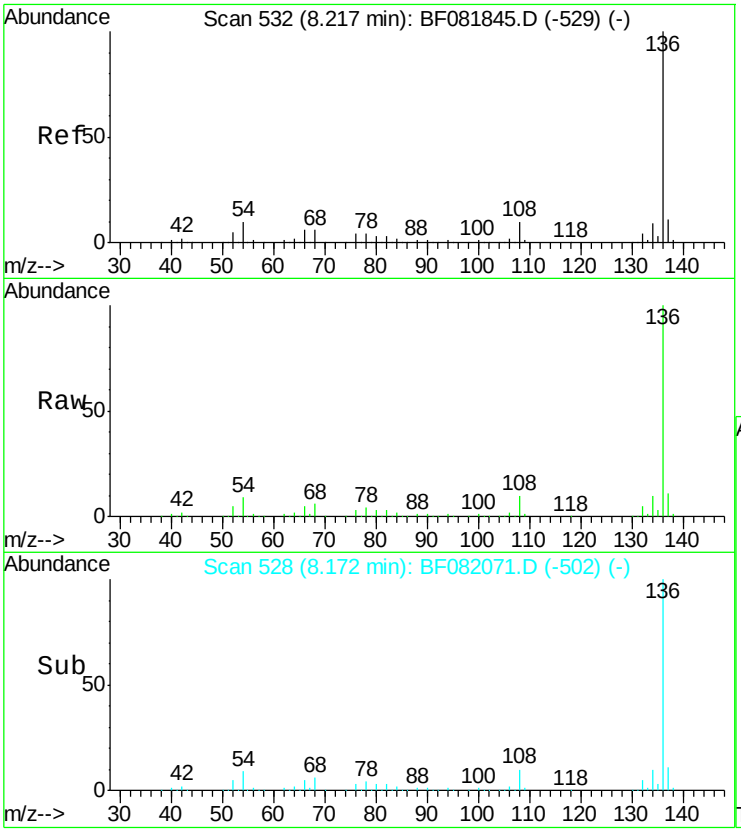


#19
n-Nitroso-di-n-propylamine
Concen: 13.41 ng
RT: 7.45 min Scan# 465
Delta R.T. 0.15 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Tgt Ion: 70 Resp: 50866

Ion	Ratio	Lower	Upper
70	100		
42	47.0	63.8	95.6#
101	0.0	9.2	13.8#
130	2.0	27.3	40.9#



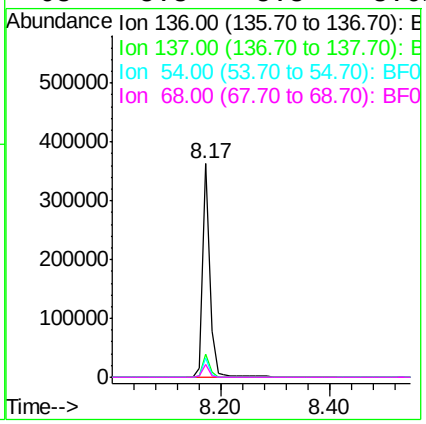


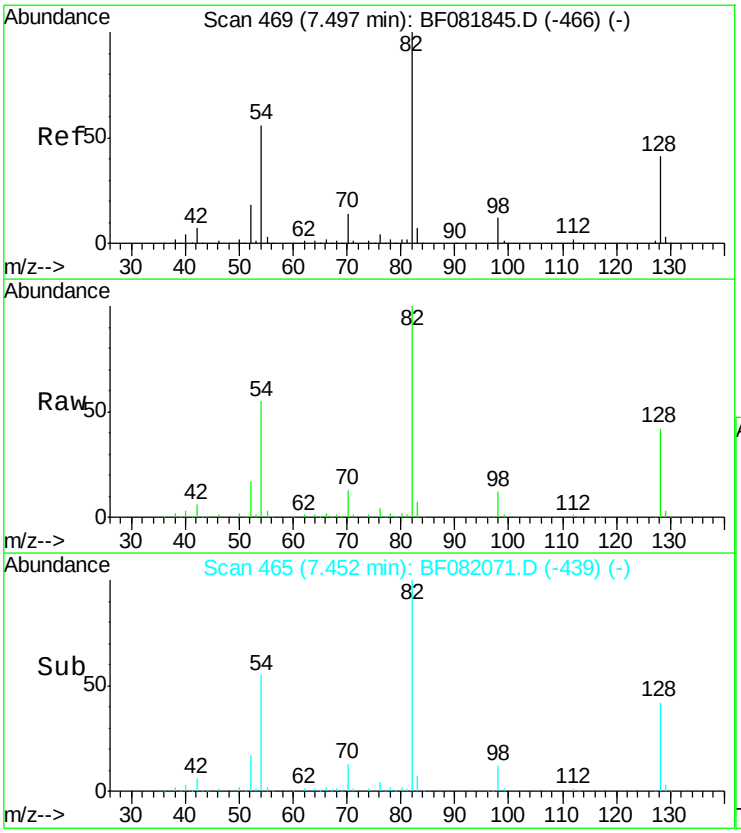
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SS-5(0-24)

Tgt Ion:136 Resp: 335940

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.8	8.2	12.2
68	5.8	5.8	8.6#

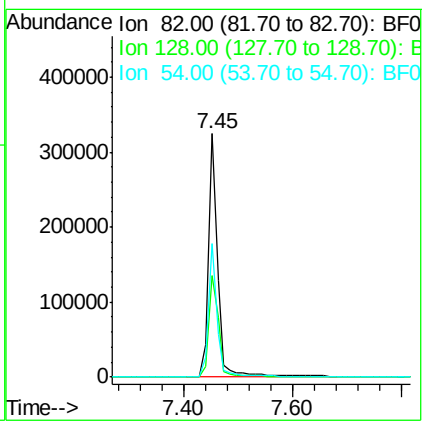


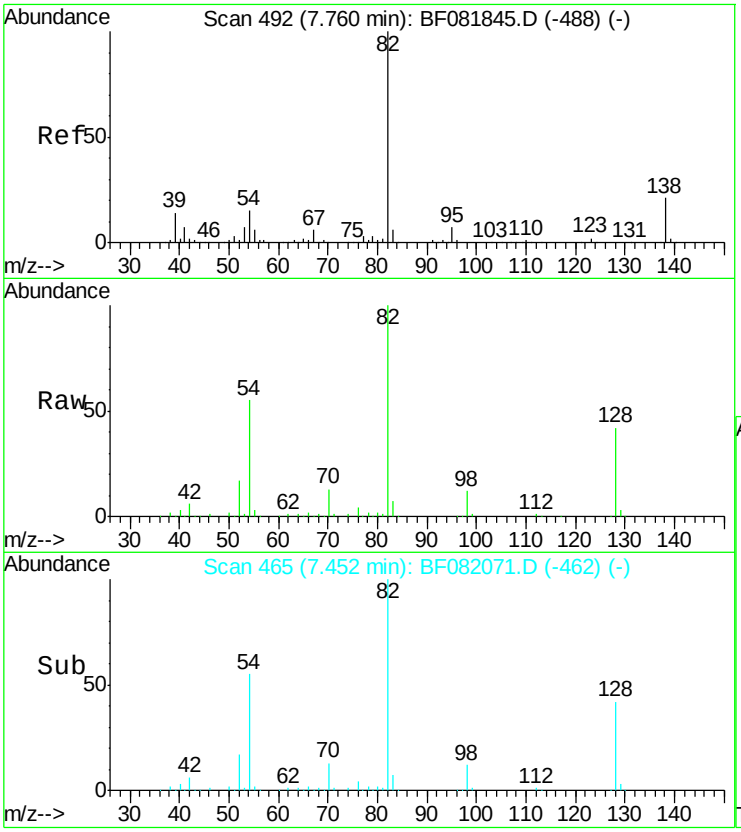


#23
Nitrobenzene-d5
Concen: 77.41 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Tgt Ion: 82 Resp: 390109

Ion	Ratio	Lower	Upper
82	100		
128	41.8	51.0	76.6#
54	54.7	47.5	71.3



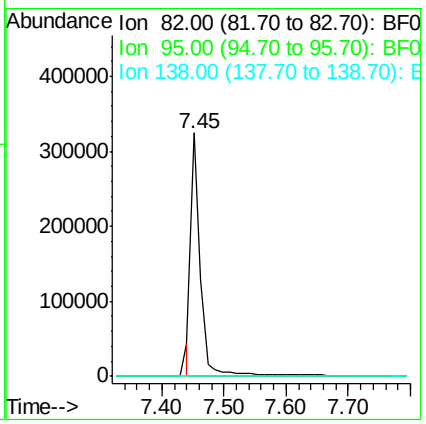


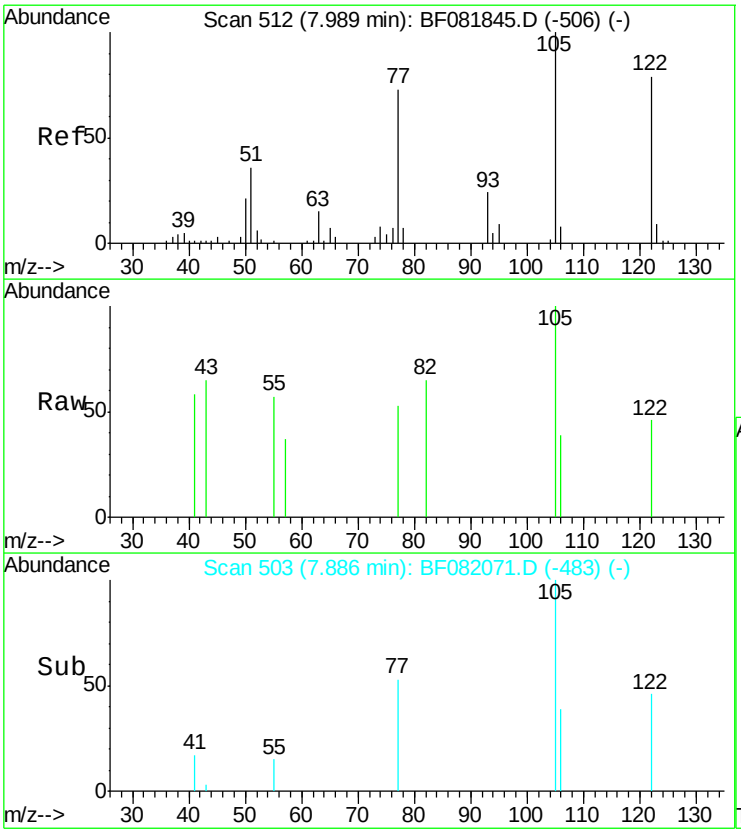
#25
Isophorone
Concen: 34.34 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.26 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SS-5(0-24)

Tgt Ion: 82 Resp: 343060

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

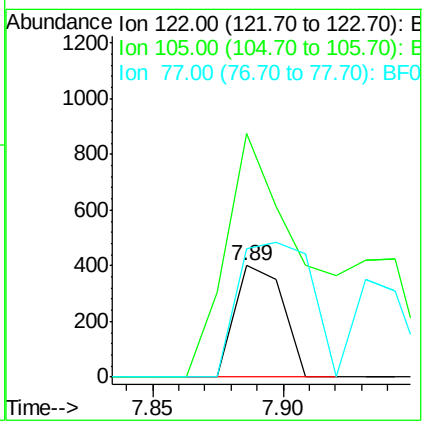


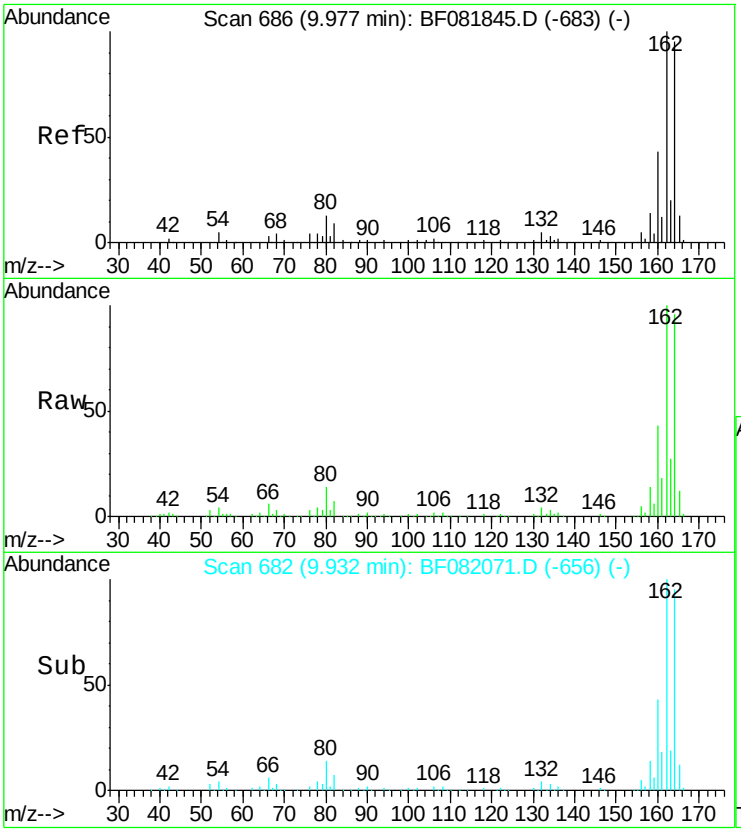


#32
Benzoic acid
Concen: 7.50 ng
RT: 7.89 min Scan# 503
Delta R.T. -0.07 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Tgt Ion:122 Resp: 516

Ion	Ratio	Lower	Upper
122	100		
105	218.5	76.1	116.1#
77	115.0	40.5	80.5#



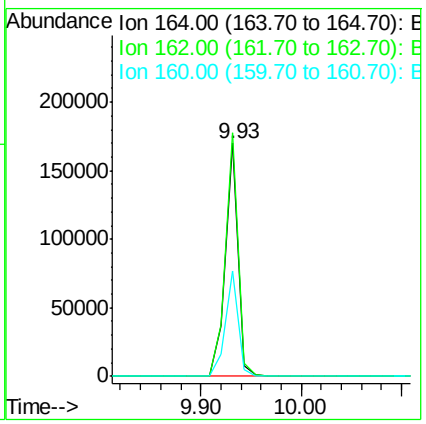


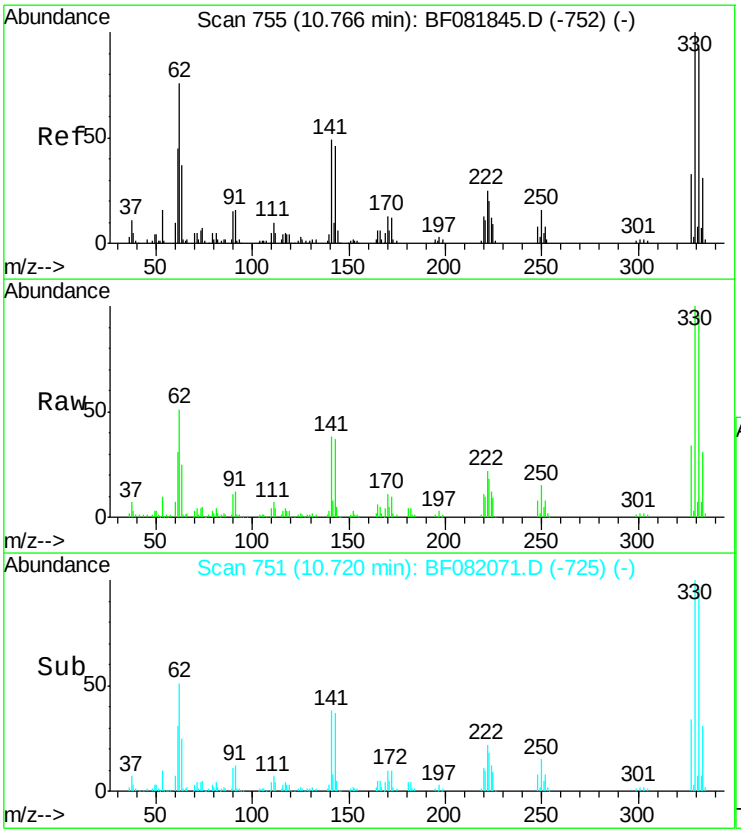
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SS-5(0-24)

Tgt Ion:164 Resp: 149386

Ion	Ratio	Lower	Upper
164	100		
162	104.5	75.2	112.8
160	45.0	31.5	47.3

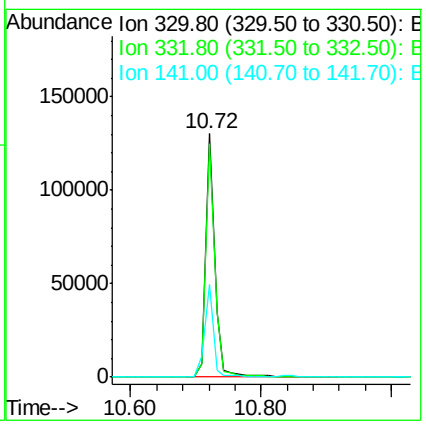


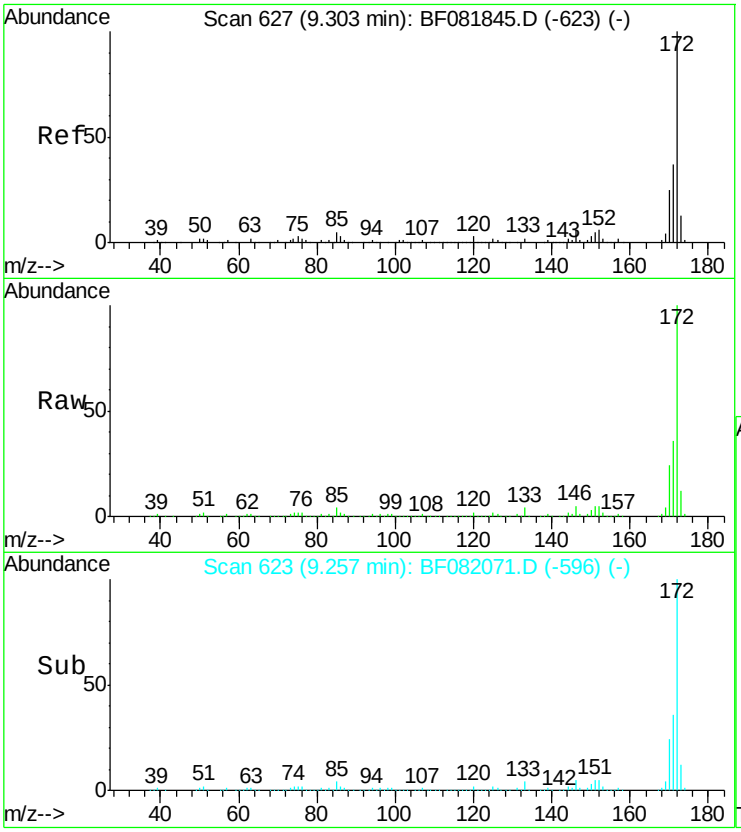


#41
2,4,6-Tribromophenol
Concen: 83.78 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Tgt Ion:330 Resp: 126750

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	37.4	29.7	44.5



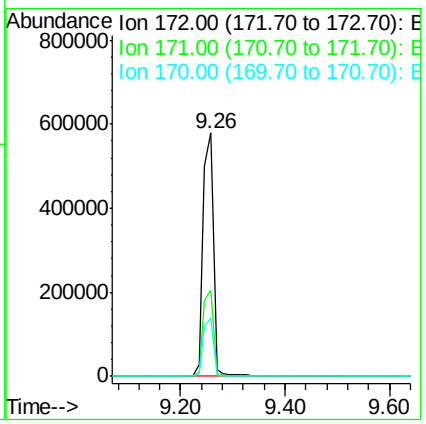


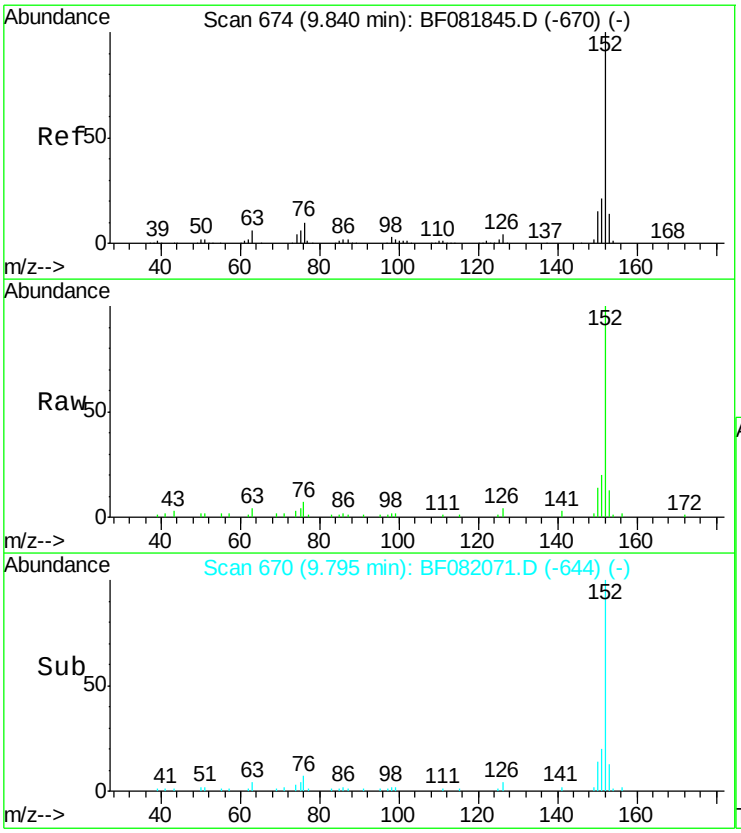
#44
2-Fluorobiphenyl
Concen: 91.26 ng
RT: 9.26 min Scan# 623
Delta R.T. 0.01 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SS-5(0-24)

Tgt Ion:172 Resp: 803070

Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.1	39.1
170	24.1	17.4	26.2

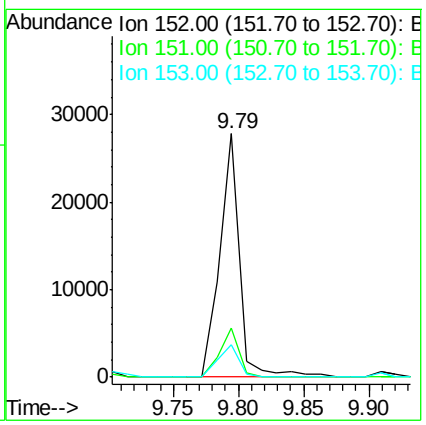


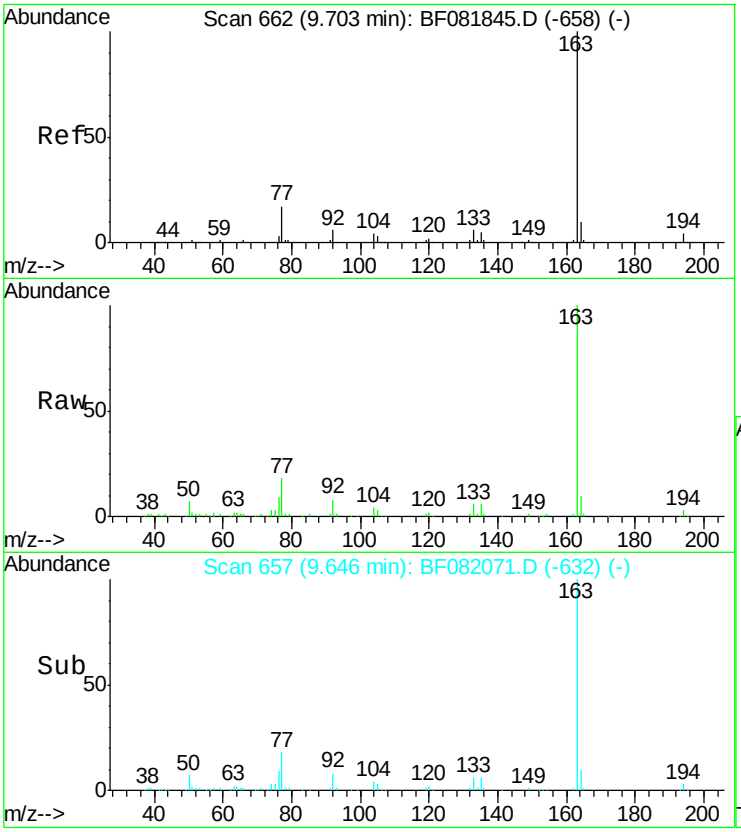


#48
Acenaphthylene
Concen: 2.04 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Tgt Ion:152 Resp: 29576

Ion	Ratio	Lower	Upper
152	100		
151	20.0	14.6	22.0
153	13.2	10.3	15.5



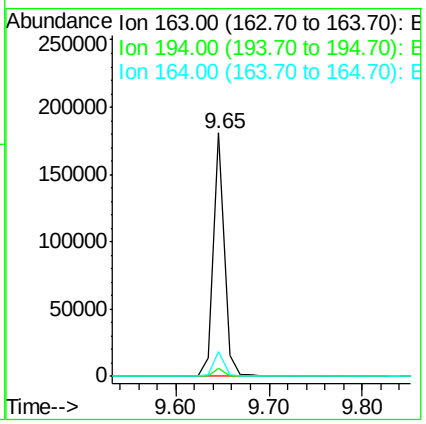


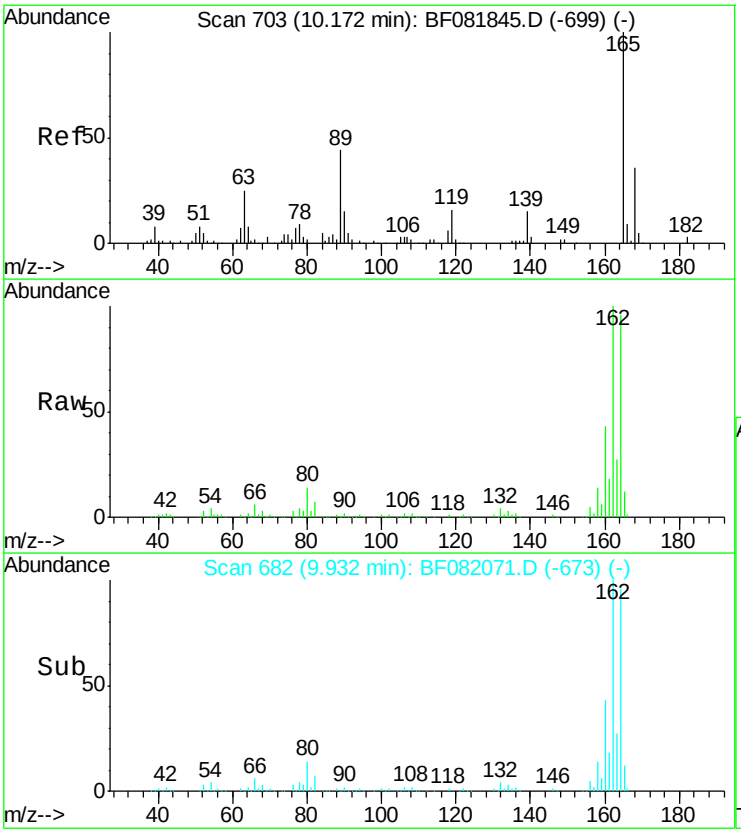
#49
Dimethylphthalate
Concen: 14.25 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SS-5(0-24)

Tgt Ion:163 Resp: 146952

Ion	Ratio	Lower	Upper
163	100		
194	3.3	4.4	6.6#
164	10.2	8.3	12.5

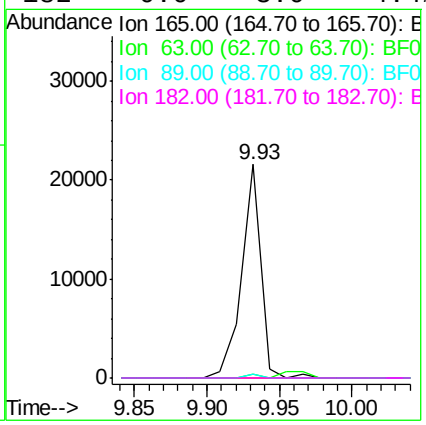


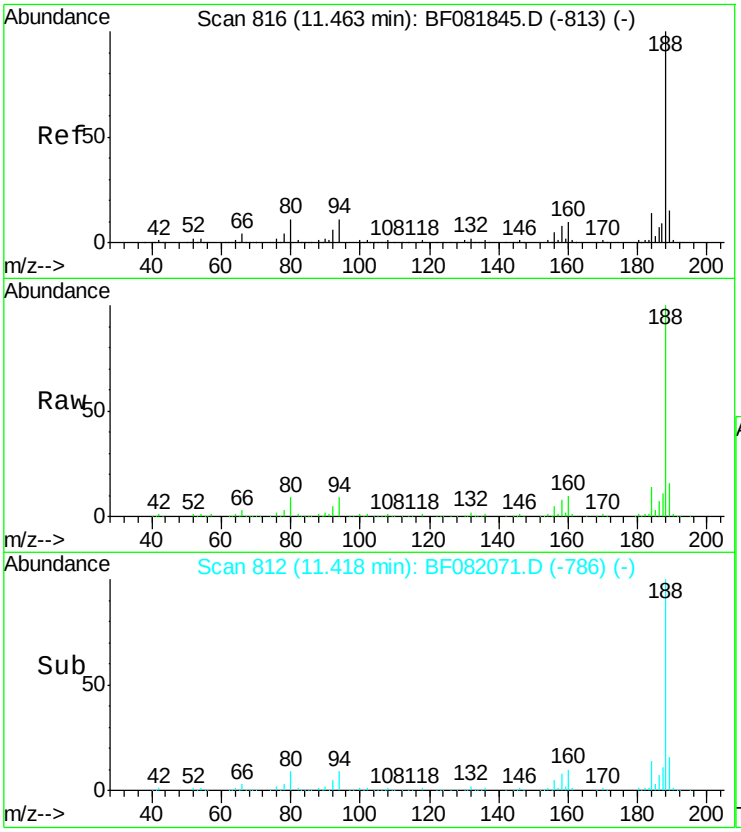


#56
2,4-Dinitrotoluene
Concen: 6.95 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Tgt Ion:165 Resp: 19822

Ion	Ratio	Lower	Upper
165	100		
63	1.6	29.8	44.6#
89	1.6	44.5	66.7#
182	0.0	3.0	4.4#



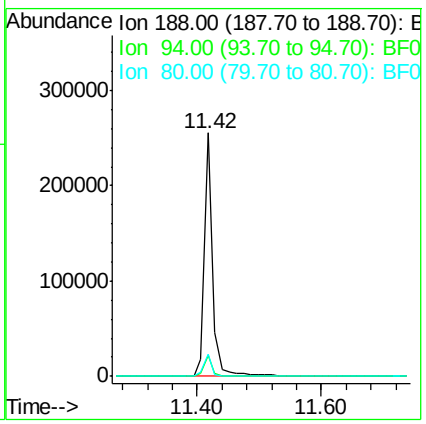


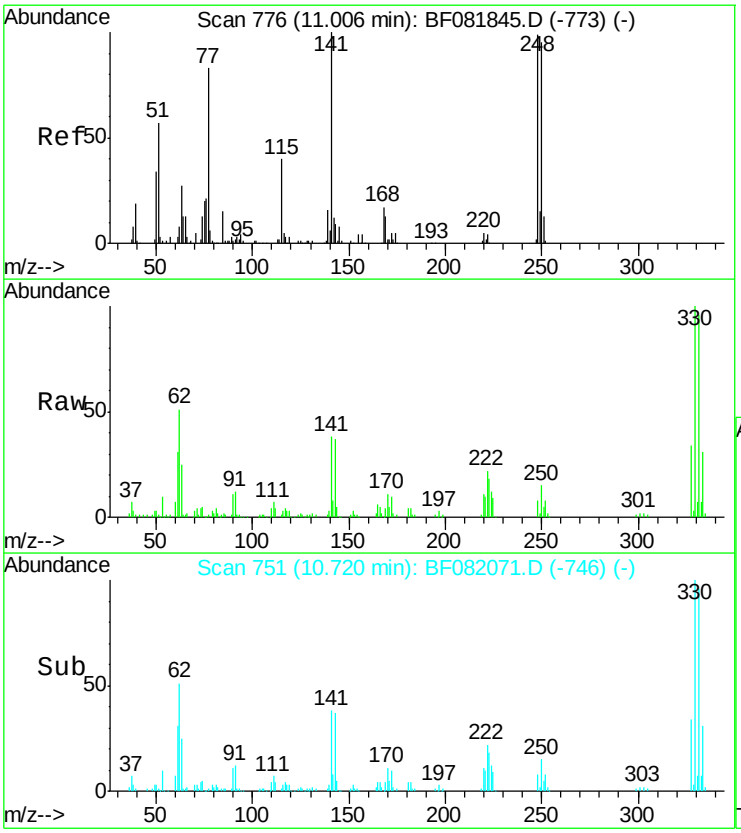
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SS-5(0-24)

Tgt Ion:188 Resp: 238389

Ion	Ratio	Lower	Upper
188	100		
94	8.6	11.1	16.7#
80	8.9	11.0	16.4#

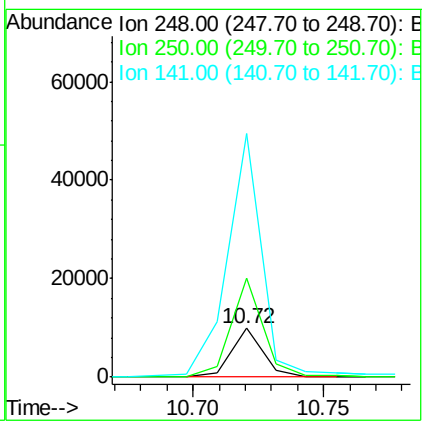


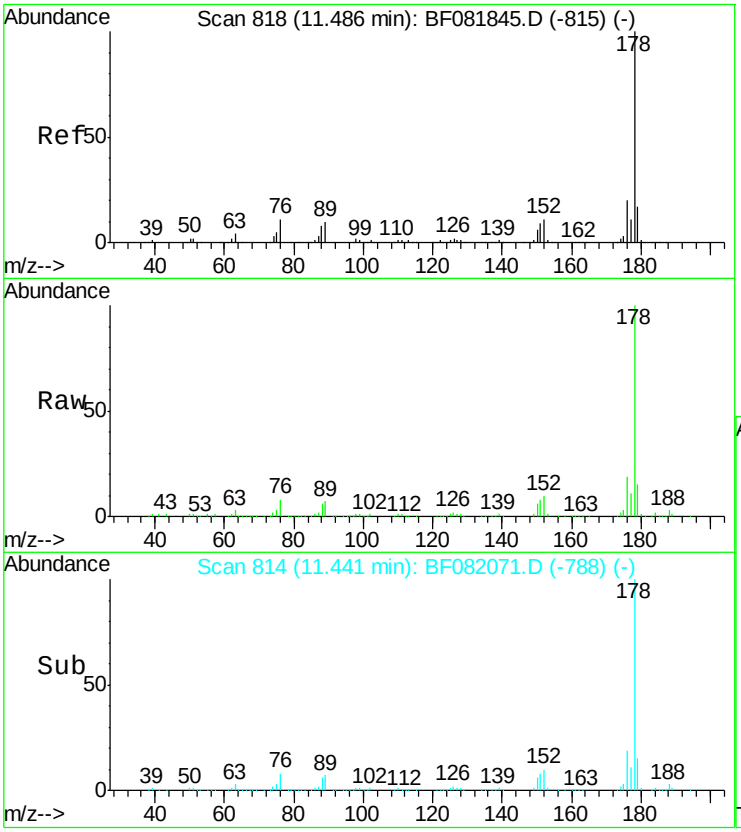


#66
4-Bromophenyl-phenylether
Concen: 3.48 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.24 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Tgt Ion:248 Resp: 8363

Ion	Ratio	Lower	Upper
248	100		
250	203.3	78.5	117.7#
141	501.3	59.0	88.6#



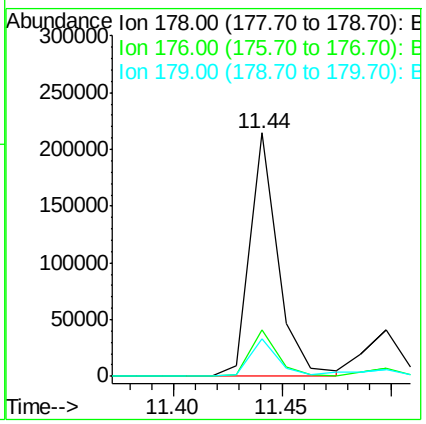


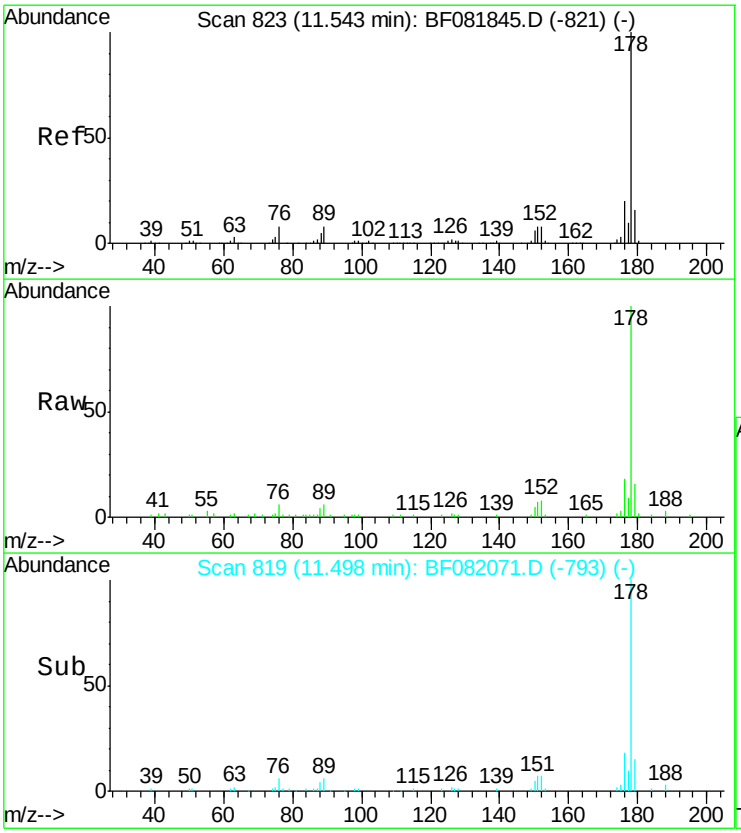
#70
Phenanthrene
Concen: 15.78 ng
RT: 11.44 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SS-5(0-24)

Tgt Ion:178 Resp: 193454

Ion	Ratio	Lower	Upper
178	100		
176	18.9	13.8	20.8
179	15.2	12.2	18.2

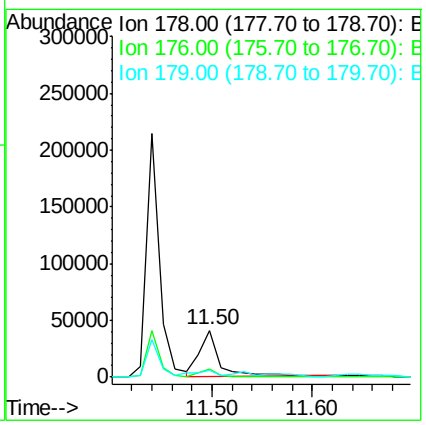


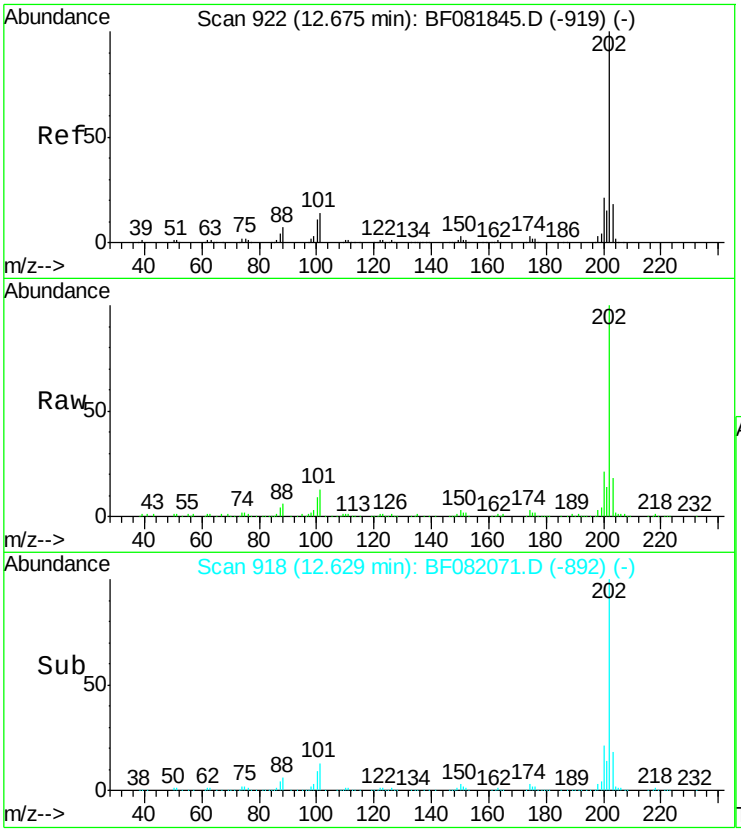


#71
Anthracene
Concen: 4.69 ng
RT: 11.50 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Tgt Ion:178 Resp: 56884

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.1	21.1
179	15.7	12.2	18.2



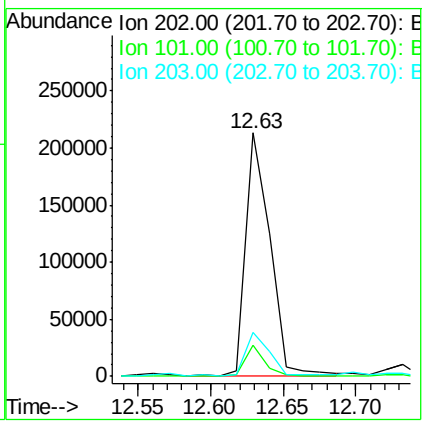


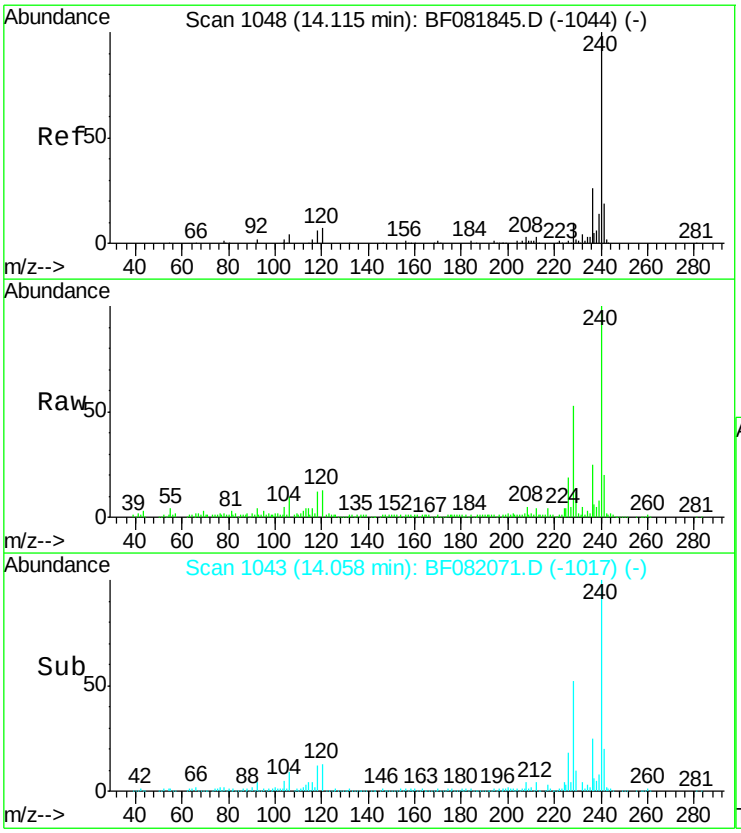
#74
Fluoranthene
Concen: 19.24 ng
RT: 12.63 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SS-5(0-24)

Tgt Ion:202 Resp: 245748

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	38.3
203	17.8	0.0	37.3

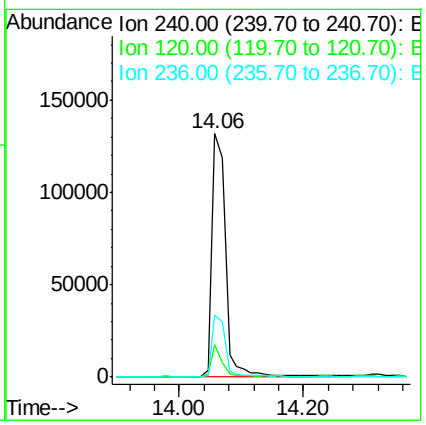


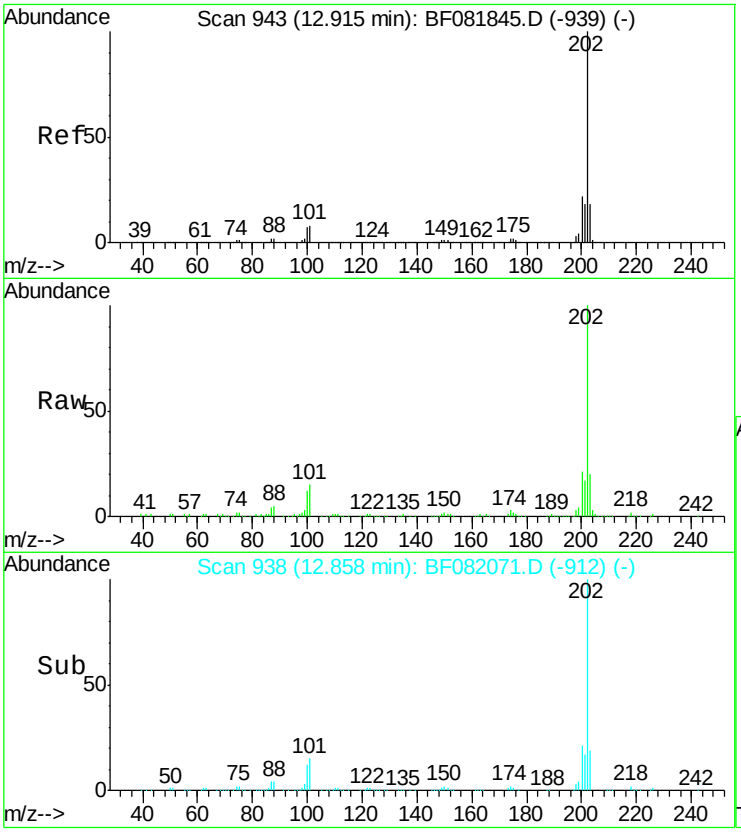


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Tgt Ion:240 Resp: 199893

Ion	Ratio	Lower	Upper
240	100		
120	13.4	16.2	24.2#
236	25.4	18.4	27.6



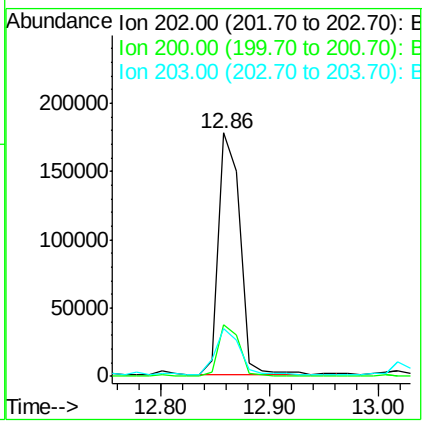


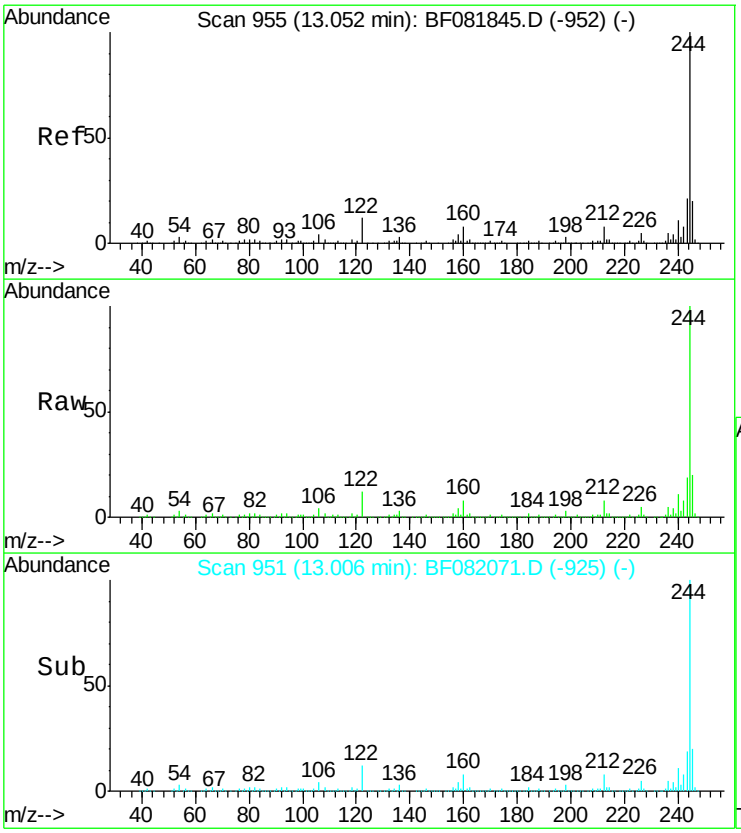
#77
Pyrene
Concen: 20.41 ng
RT: 12.86 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SS-5(0-24)

Tgt Ion:202 Resp: 243784

Ion	Ratio	Lower	Upper
202	100		
200	21.2	15.0	22.4
203	19.6	14.1	21.1

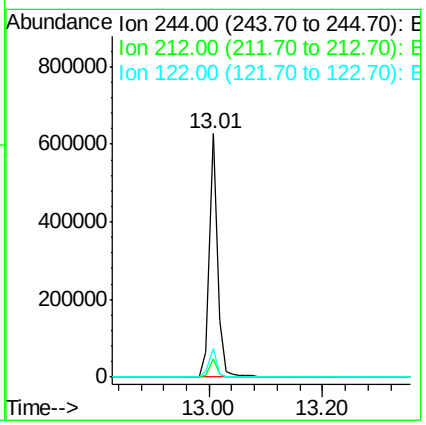


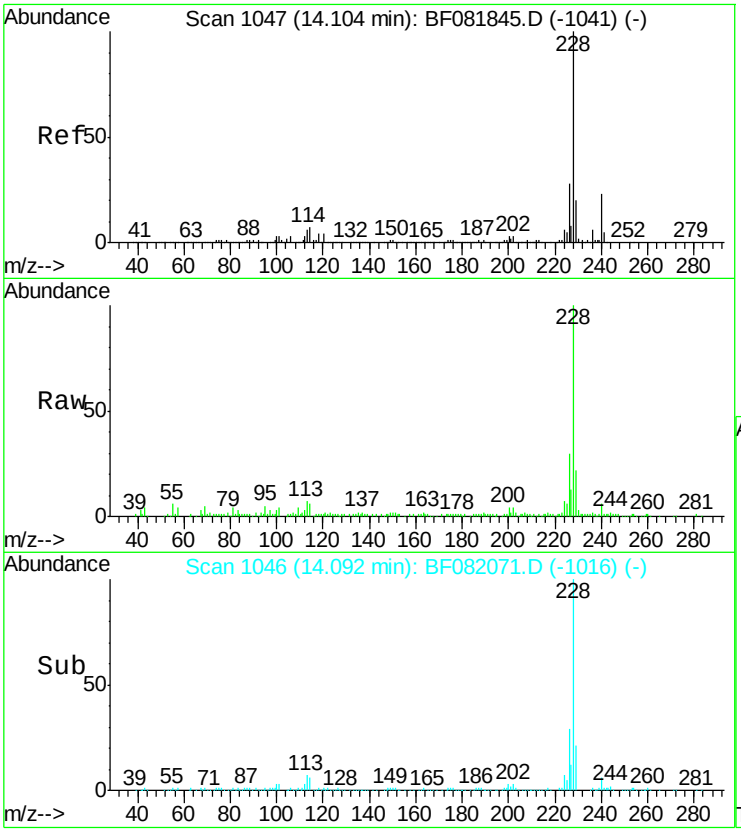


#78
Terphenyl-d14
Concen: 106.14 ng
RT: 13.01 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Tgt Ion:244 Resp: 612576

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	11.9	17.4	26.2#



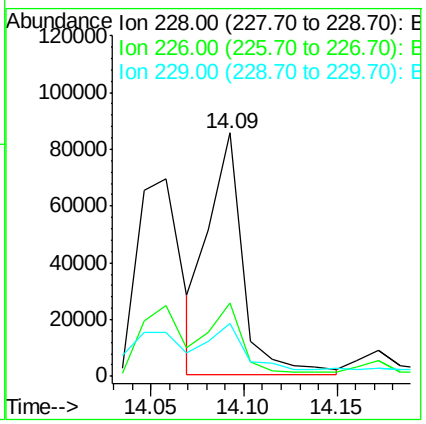


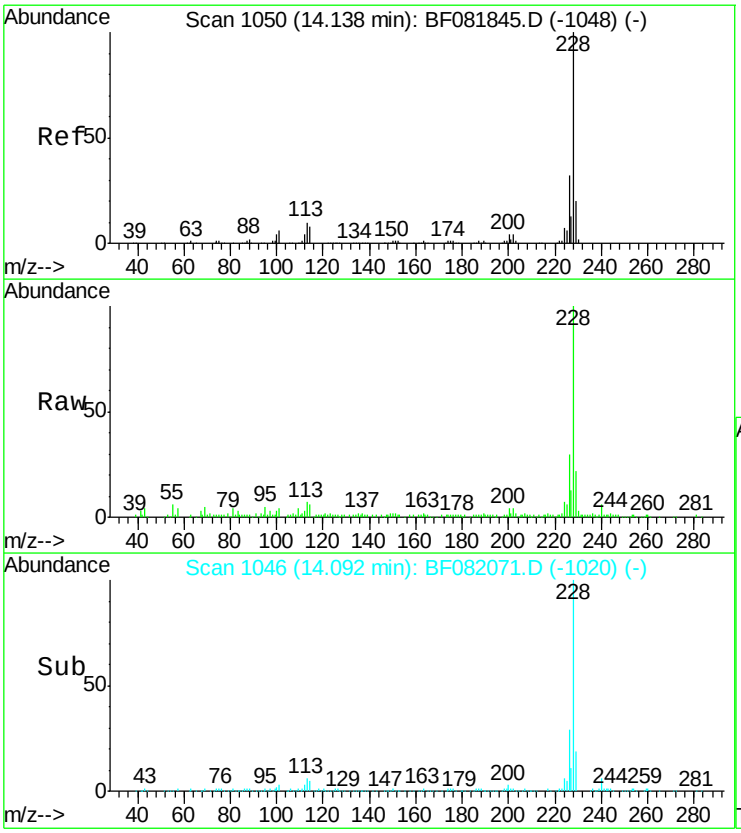
#80
Benzo(a)anthracene
Concen: 10.21 ng
RT: 14.09 min Scan# 1046
Delta R.T. 0.05 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SS-5(0-24)

Tgt Ion:228 Resp: 109910

Ion	Ratio	Lower	Upper
228	100		
226	29.9	20.0	30.0
229	21.8	15.4	23.2

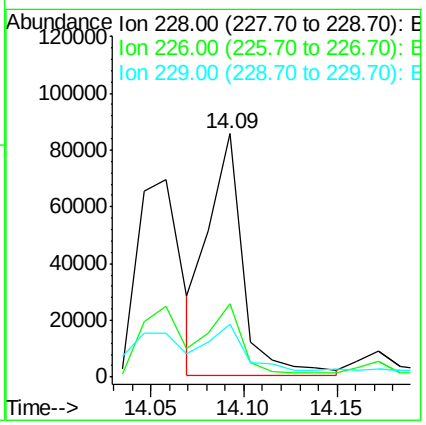


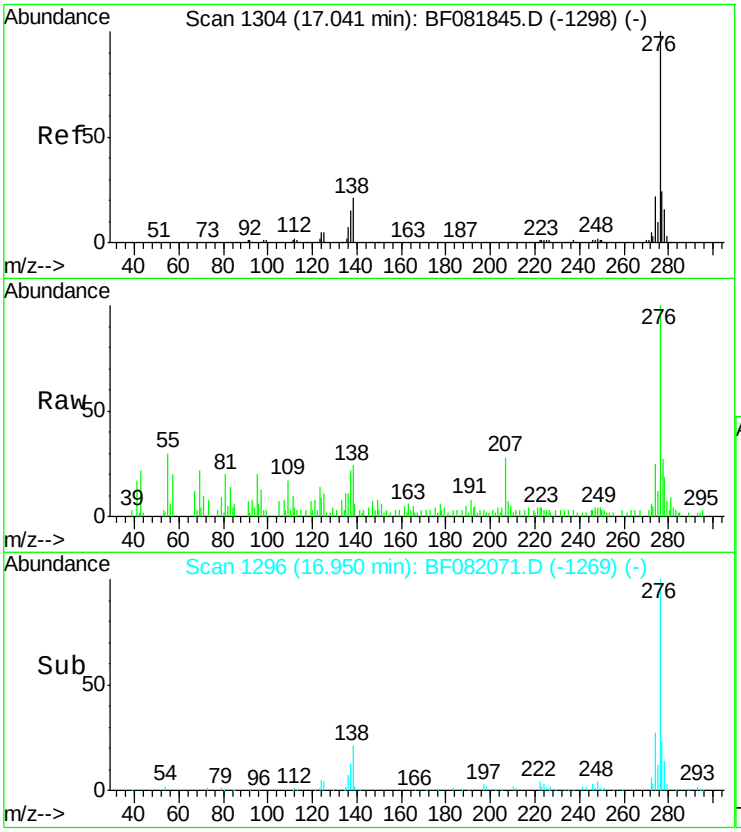


#82
Chrysene
Concen: 9.01 ng
RT: 14.09 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Tgt Ion:228 Resp: 110733

Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.0	31.4
229	21.8	15.6	23.4



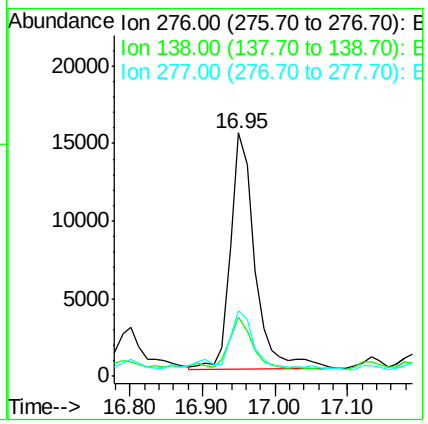


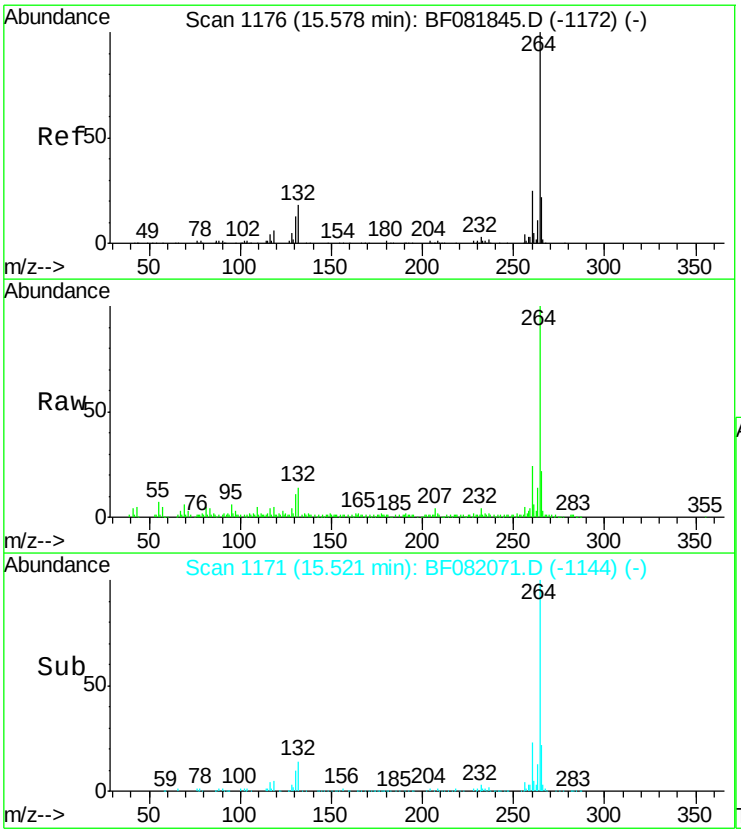
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.24 ng
RT: 16.95 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SS-5(0-24)

Tgt Ion:276 Resp: 35676

Ion	Ratio	Lower	Upper
276	100		
138	19.3	25.7	38.5#
277	30.4	15.6	23.4#

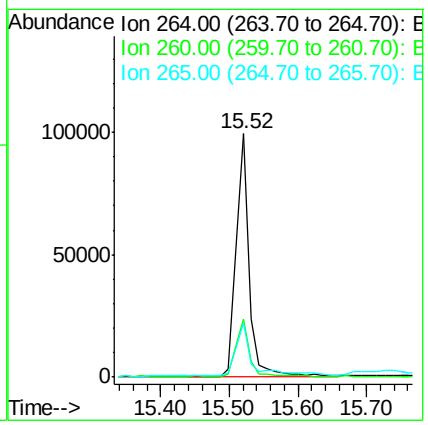


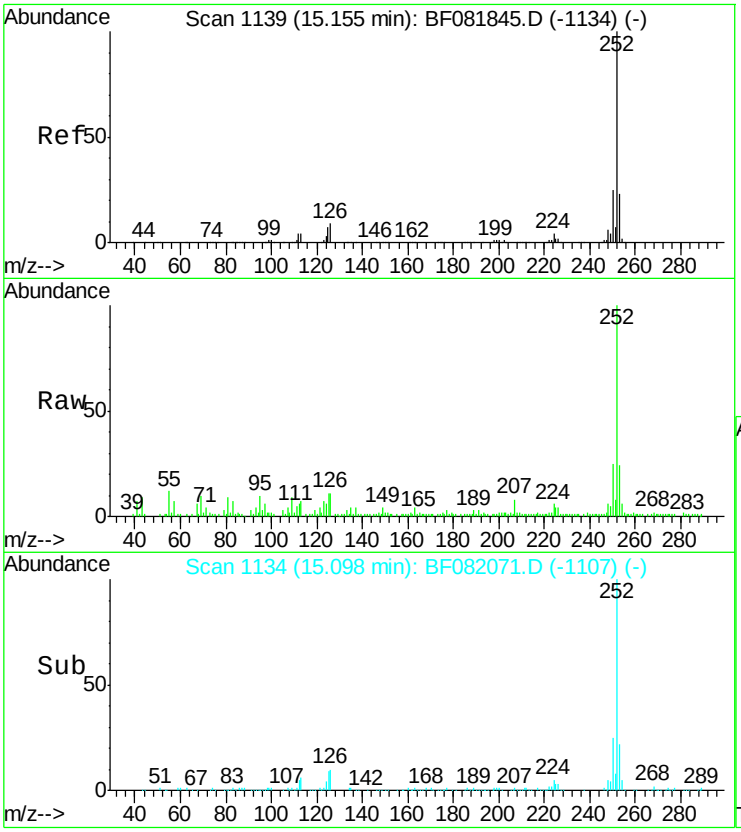


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Tgt Ion:264 Resp: 136200

Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	22.2	17.2	25.8



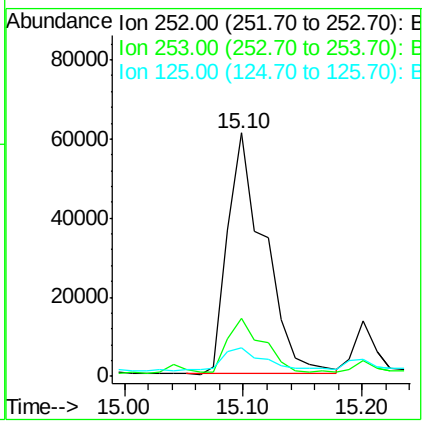


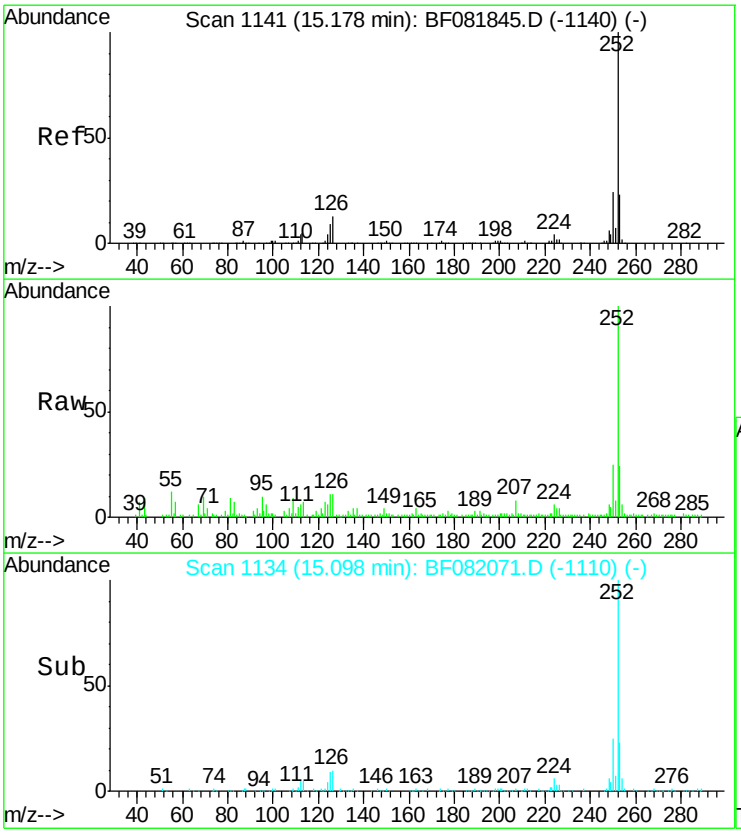
#87
Benzo(b)fluoranthene
Concen: 16.87 ng
RT: 15.10 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SS-5(0-24)

Tgt Ion:252 Resp: 131182

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	11.5	17.1	25.7#

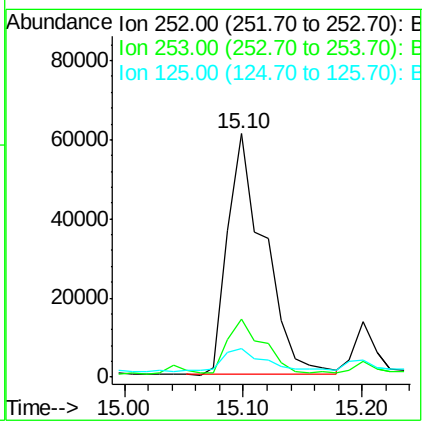


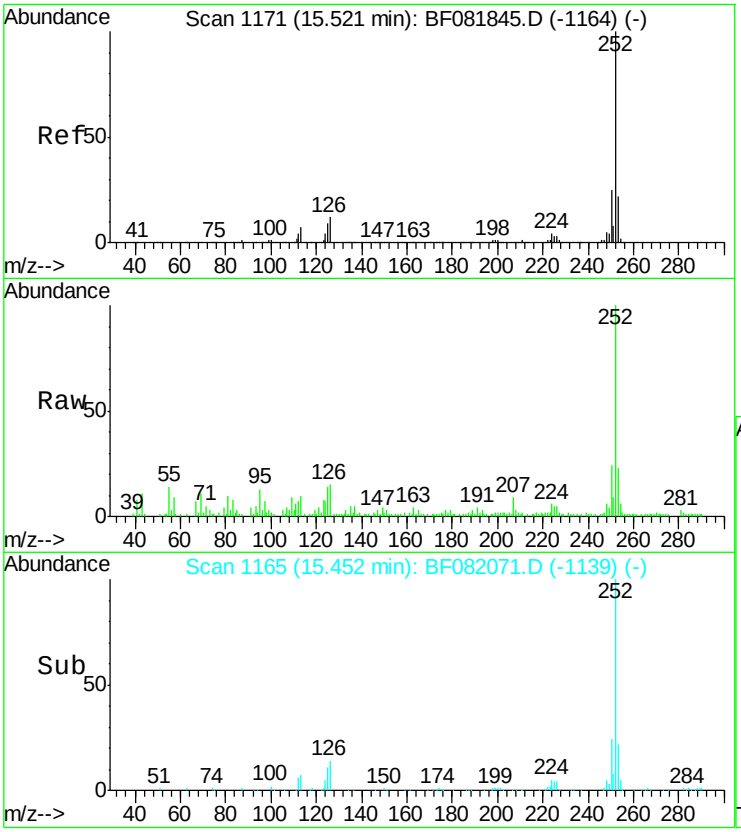


#88
Benzo(k)fluoranthene
Concen: 18.41 ng
RT: 15.10 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Tgt Ion:252 Resp: 131182

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.4
125	11.5	16.0	24.0#



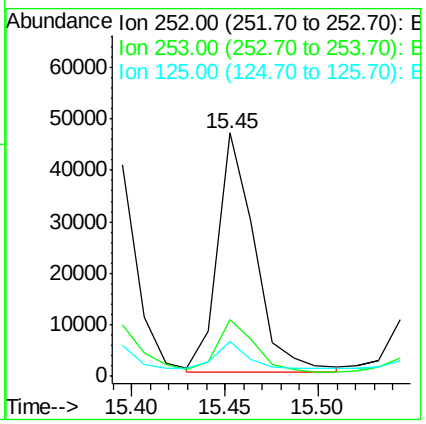


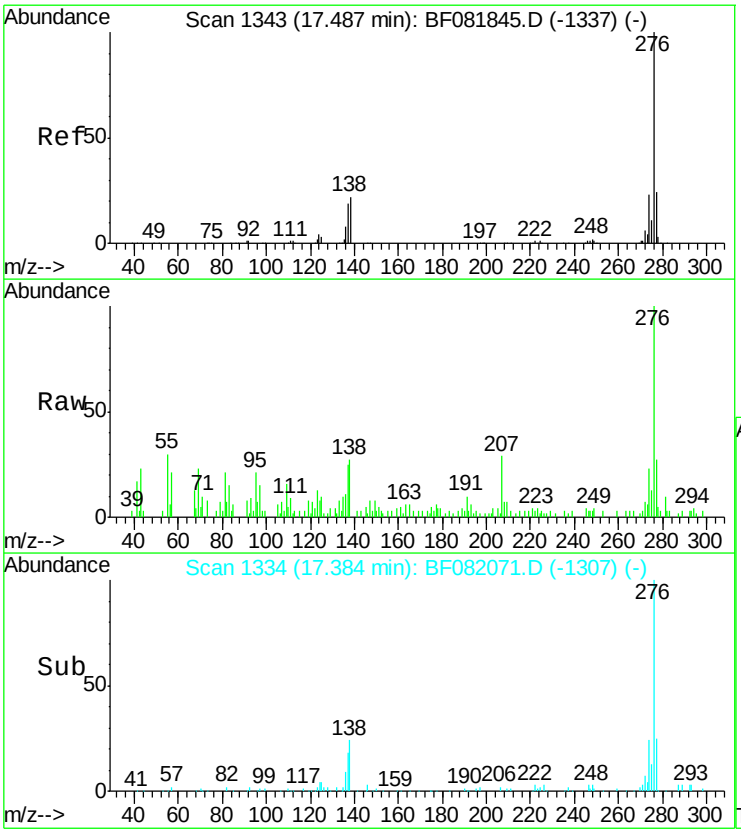
#89
Benzo(a)pyrene
Concen: 9.59 ng
RT: 15.45 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SS-5(0-24)

Tgt Ion:252 Resp: 64703

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	14.3	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 6.17 ng
RT: 17.38 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF082071.D
Acq: 6 Oct 2015 4:31

Tgt Ion:276 Resp: 35761

Ion	Ratio	Lower	Upper
276	100		
277	26.8	17.8	26.6#
138	27.2	34.6	51.8#