Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083839.D
Acq On : 16 Dec 2015 3:14
Operator : UM/IZ
Sample : G4739-04DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K206-0-2DL

Quant Time: Dec 16 04:34:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	99303	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	410461	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	177645	20.00	ng		-0.02
63) Phenanthrene-d10	11.42	188	294235	20.00	ng		-0.02
75) Chrysene-d12	14.05	240	209332	20.00	ng		-0.02
86) Perylene-d12	15.49	264	170576	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	152094	24.71	ng		-0.02
7) Phenol-d6	6.52	99	177705	22.80	ng		-0.02
23) Nitrobenzene-d5	7.46	82	116965	15.94	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	38021	21.00	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	198743	13.72	ng		-0.02
78) Terphenyl-d14	13.00	244	134023	13.77	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	15630	3.27	ng	#	69
25) Isophorone	7.46	82	101742	7.07	ng	#	69
48) Acenaphthylene	9.80	152	152229	7.79	ng		99
49) Dimethylphthalate	9.65	163	52240	3.77	ng		99
50) 2,6-Dinitrotoluene	9.94	165	22938	7.80	ng	#	18
70) Phenanthrene	11.45	178	306471	19.61	ng		99
71) Anthracene	11.49	178	79261	4.88	ng		97
74) Fluoranthene	12.64	202	493004	30.52	ng		98
77) Pyrene	12.86	202	721872	43.63	ng		98
80) Benzo(a)anthracene	14.08	228	234523	19.70	ng		96
82) Chrysene	14.08	228	234558	20.20	ng		99
85) Indeno(1,2,3-cd)pyrene	16.92	276	77081	6.76	ng	#	100
87) Benzo(b)fluoranthene	15.08	252	277694	25.52	ng	#	96
88) Benzo(k)fluoranthene	15.08	252	277694	28.16	ng		98
89) Benzo(a)pyrene	15.44	252	111276	11.46	ng		98
90) Dibenzo(a,h)anthracene	16.93	278	23209	2.40	ng	#	93
91) Benzo(g,h,i)perylene	17.36	276	80410	8.10	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083839.D
Acq On : 16 Dec 2015 3:14
Operator : UM/IZ
Sample : G4739-04DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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K206-0-2DL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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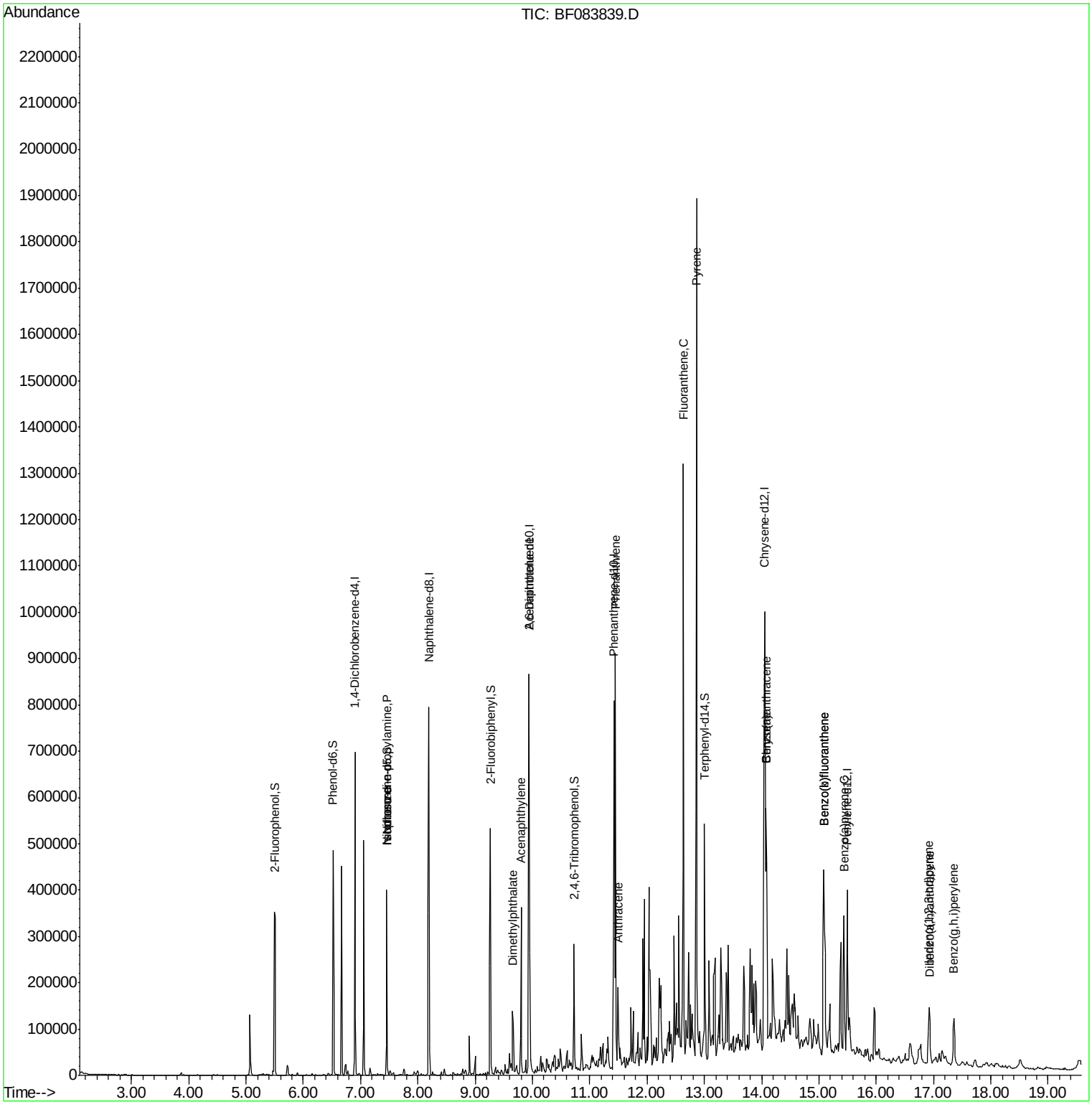
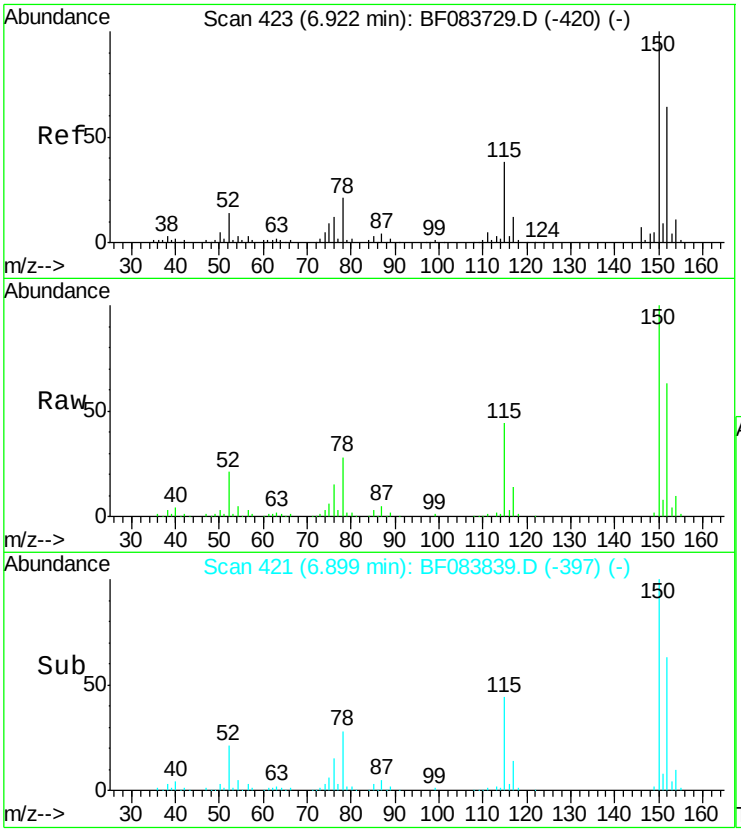


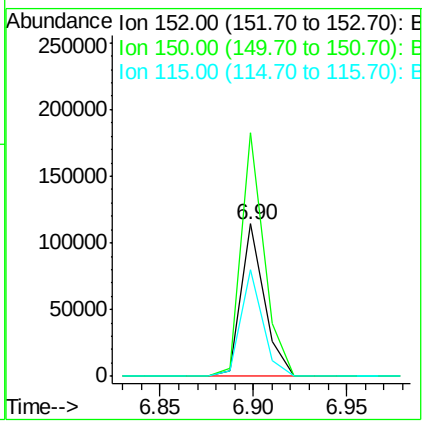


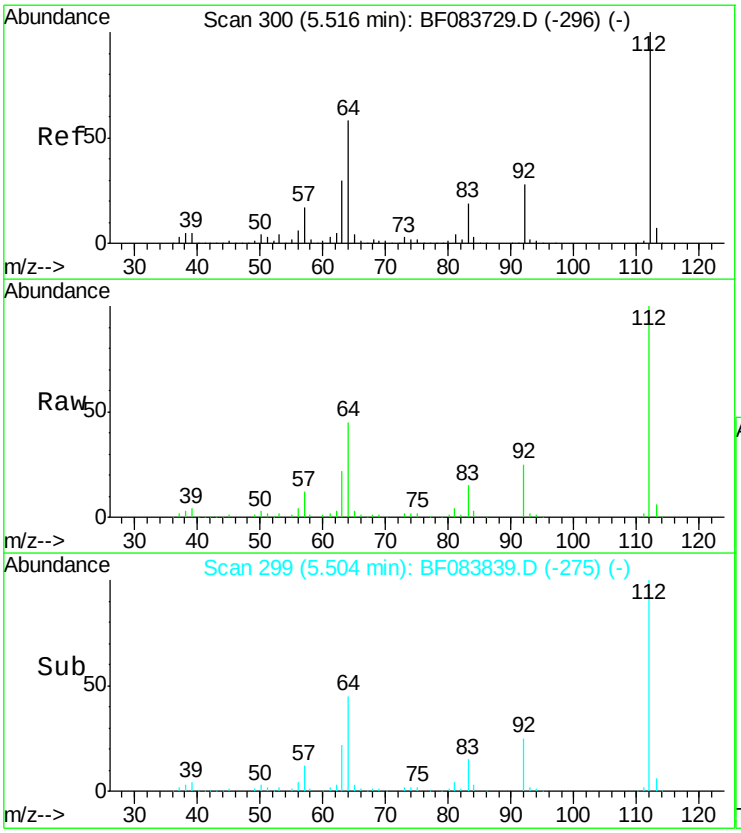
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
K206-0-2DL

Tgt Ion:152 Resp: 99303

Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.5	189.7
115	70.2	52.3	78.5

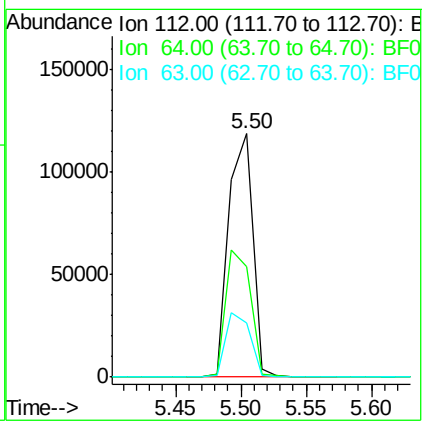


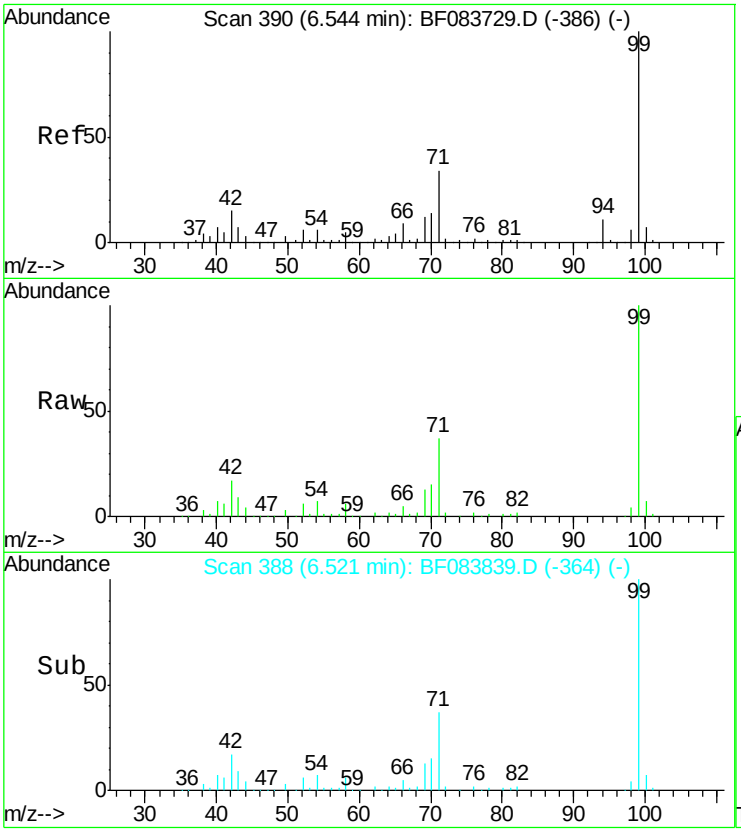


#5
2-Fluorophenol
Concen: 24.71 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.02 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Tgt Ion:112 Resp: 152094

Ion	Ratio	Lower	Upper
112	100		
64	45.3	50.5	75.7#
63	22.3	25.8	38.6#



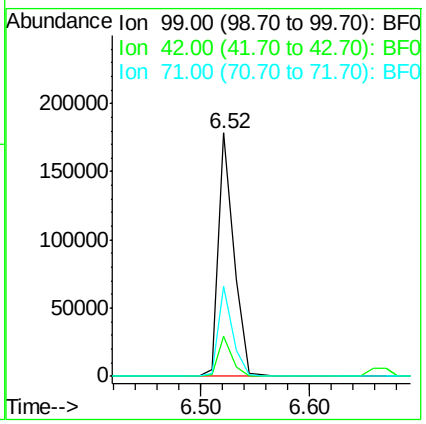


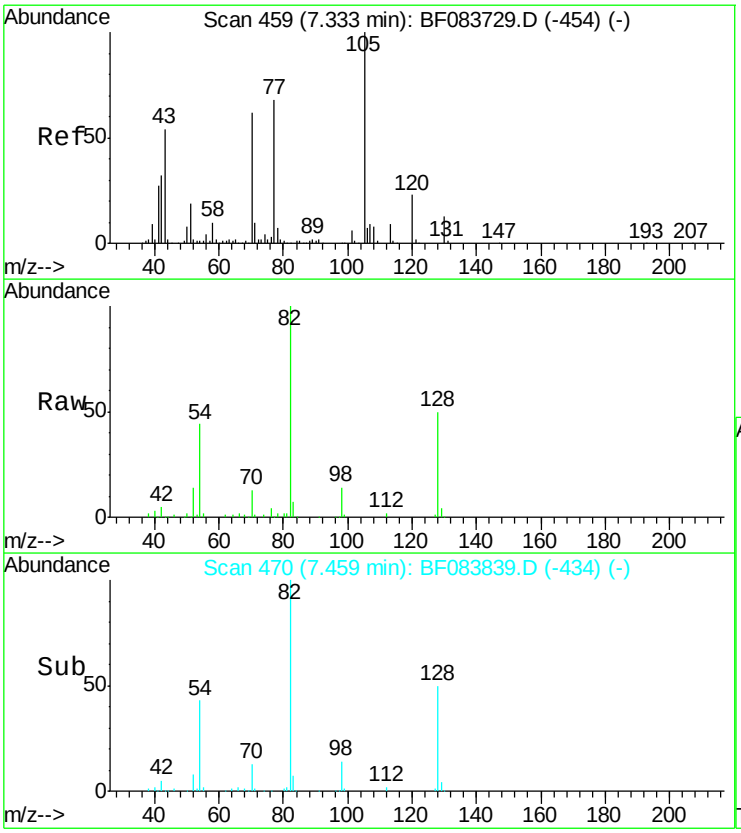
#7
Phenol-d6
Concen: 22.80 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
K206-0-2DL

Tgt Ion: 99 Resp: 177705

Ion	Ratio	Lower	Upper
99	100		
42	16.7	17.3	25.9#
71	37.0	26.6	40.0

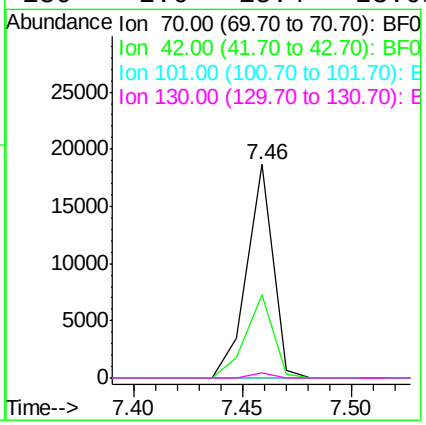


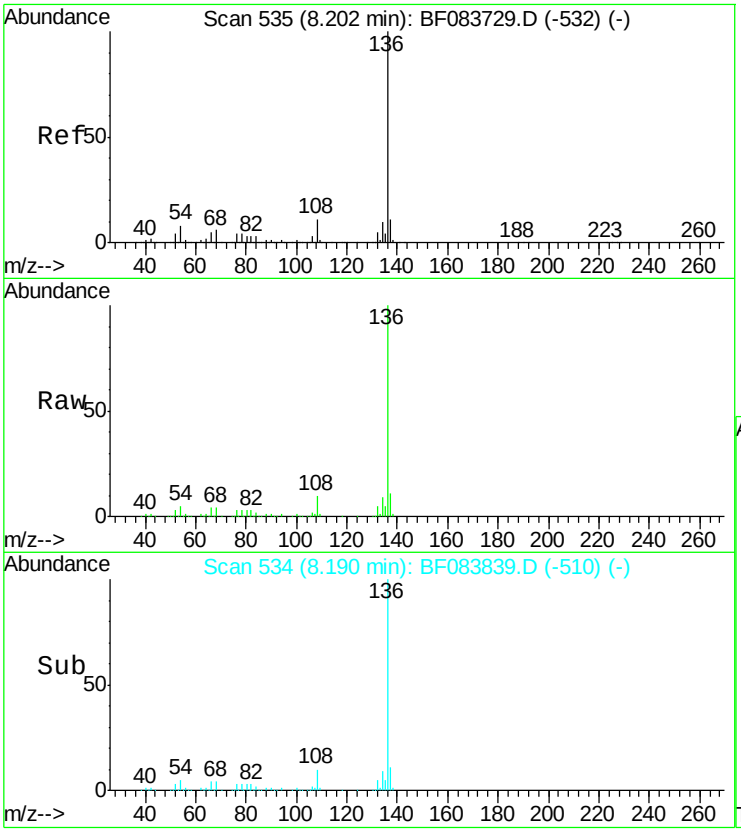


#19
n-Nitroso-di-n-propylamine
Concen: 3.27 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Tgt Ion: 70 Resp: 15630

Ion	Ratio	Lower	Upper
70	100		
42	38.9	49.2	73.8#
101	0.0	7.1	10.7#
130	2.6	15.4	23.0#



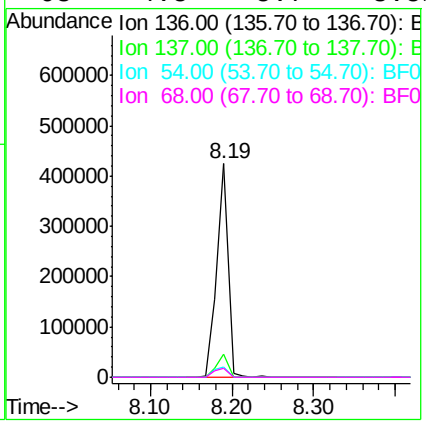


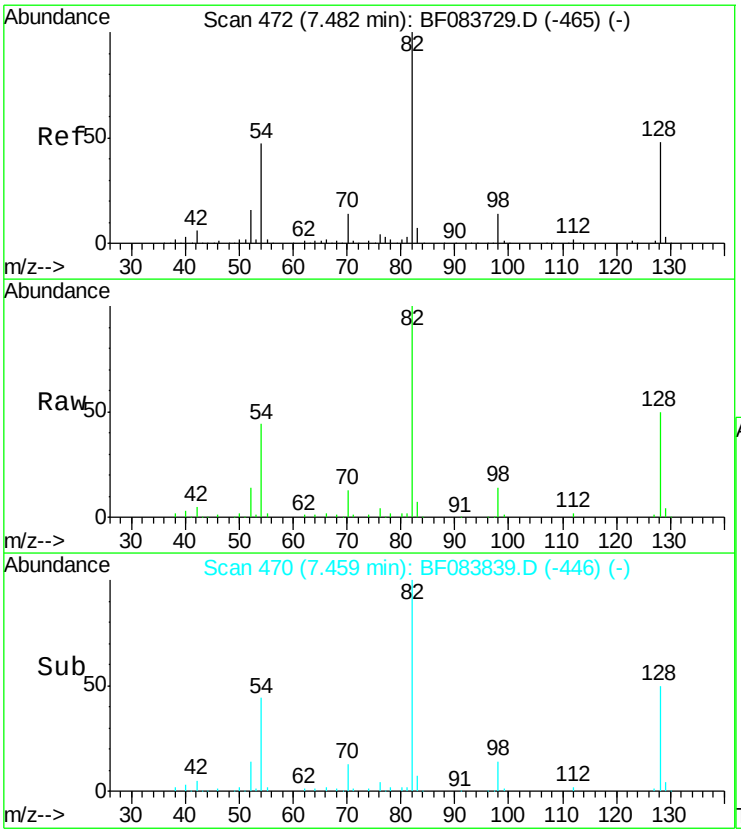
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
K206-0-2DL

Tgt Ion:136 Resp: 410461

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	5.0	7.8	11.6#
68	4.5	5.7	8.5#

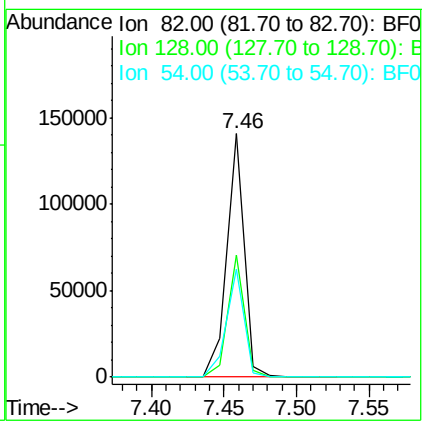


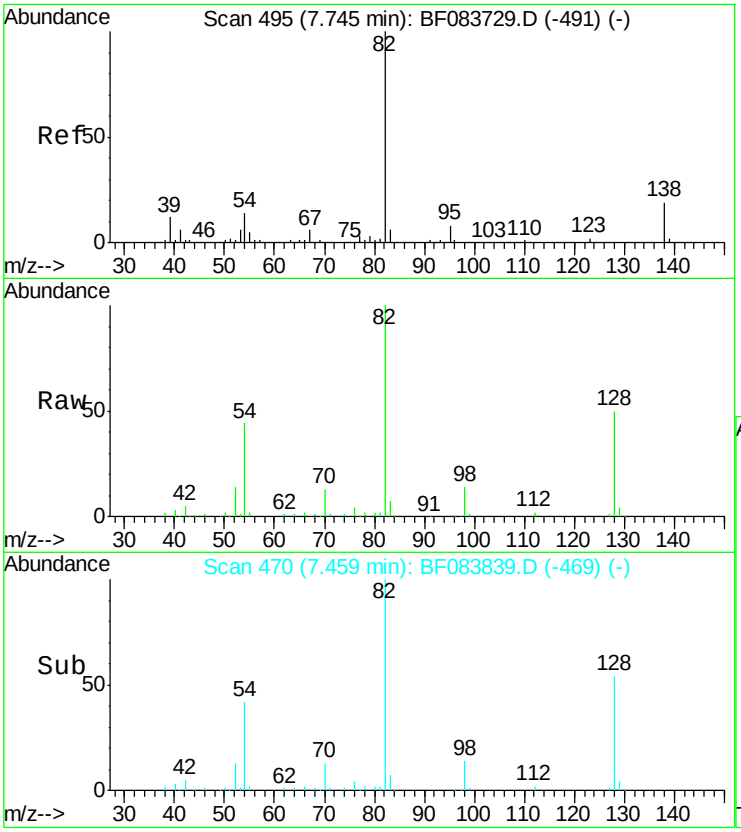


#23
Nitrobenzene-d5
Concen: 15.94 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Tgt Ion: 82 Resp: 116965

Ion	Ratio	Lower	Upper
82	100		
128	50.0	30.7	46.1#
54	44.4	42.5	63.7



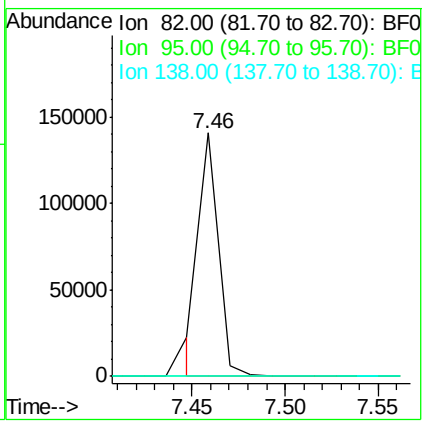


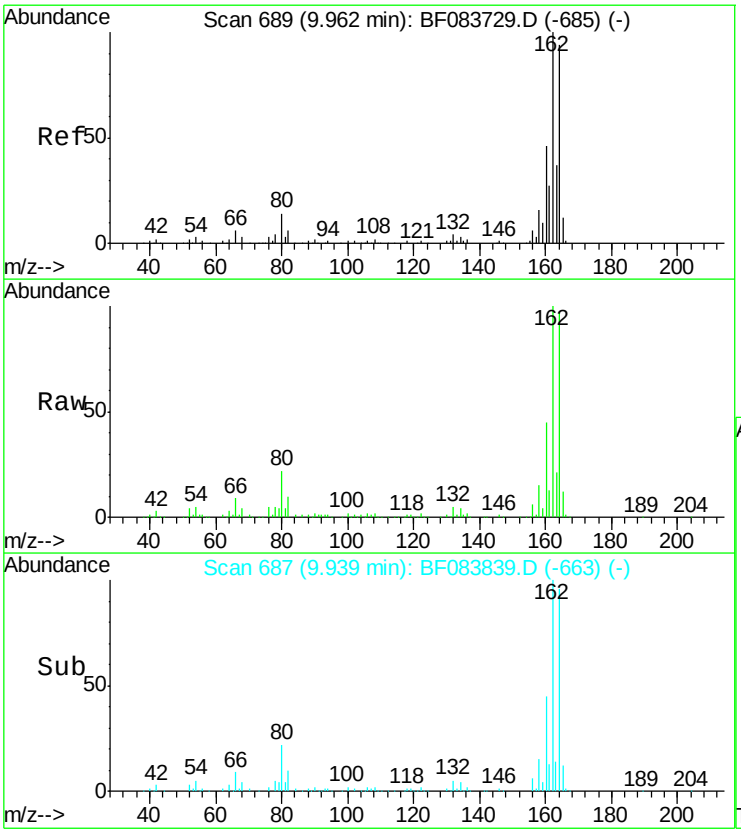
#25
Isophorone
Concen: 7.07 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.29 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
K206-0-2DL

Tgt Ion: 82 Resp: 101742

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4#
138	0.0	12.1	18.1#

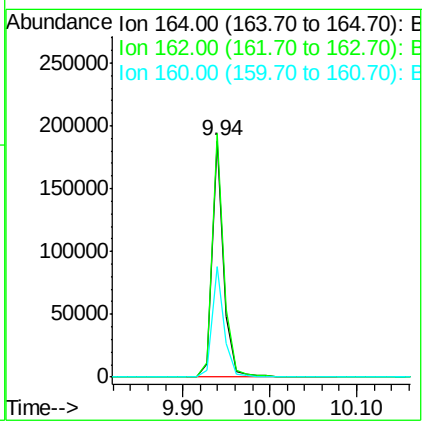


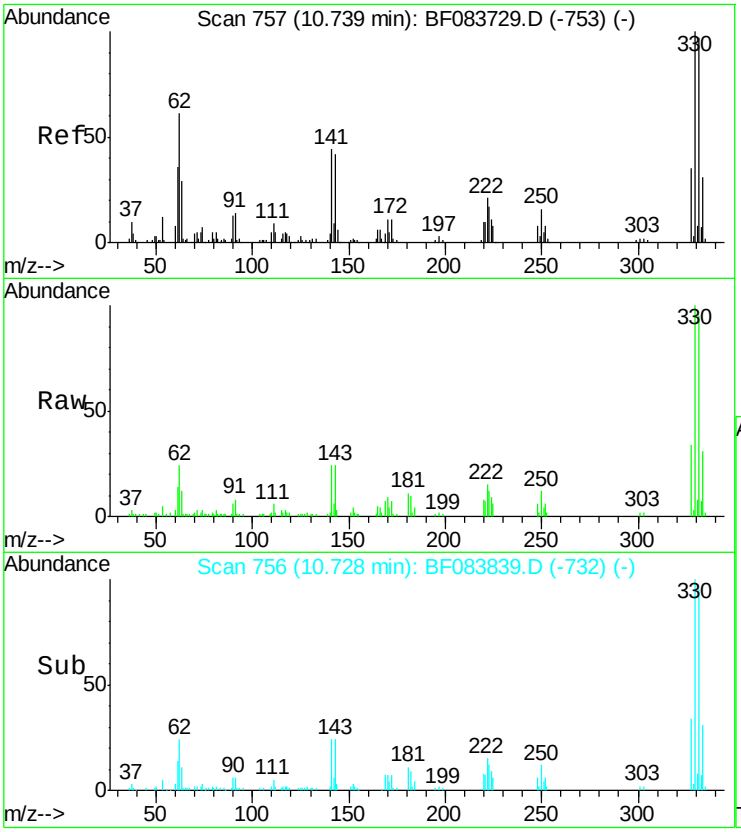


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Tgt Ion:164 Resp: 177645

Ion	Ratio	Lower	Upper
164	100		
162	103.0	78.8	118.2
160	46.8	33.4	50.2



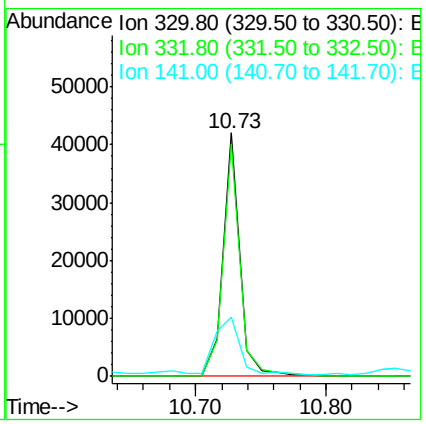


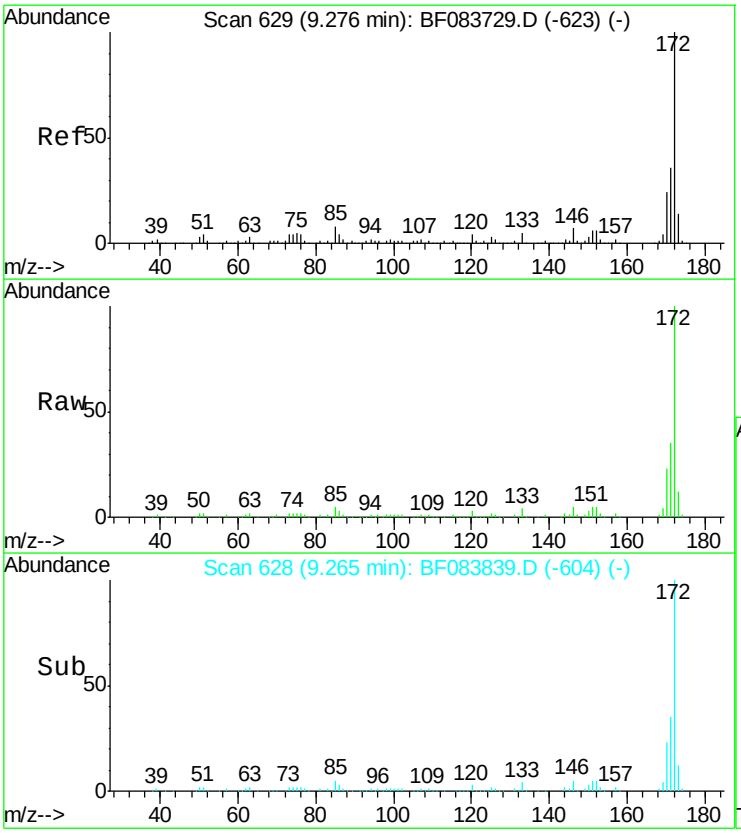
#41
2,4,6-Tribromophenol
Concen: 21.00 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
K206-0-2DL

Tgt Ion:330 Resp: 38021

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	41.3	0.0	0.0#

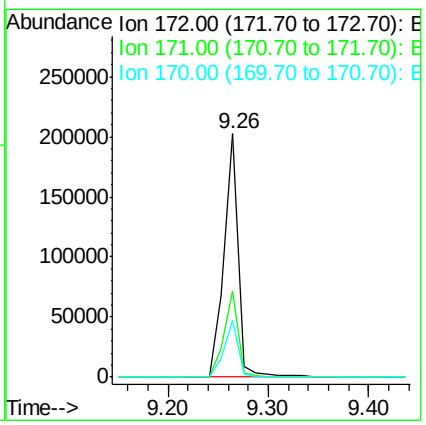


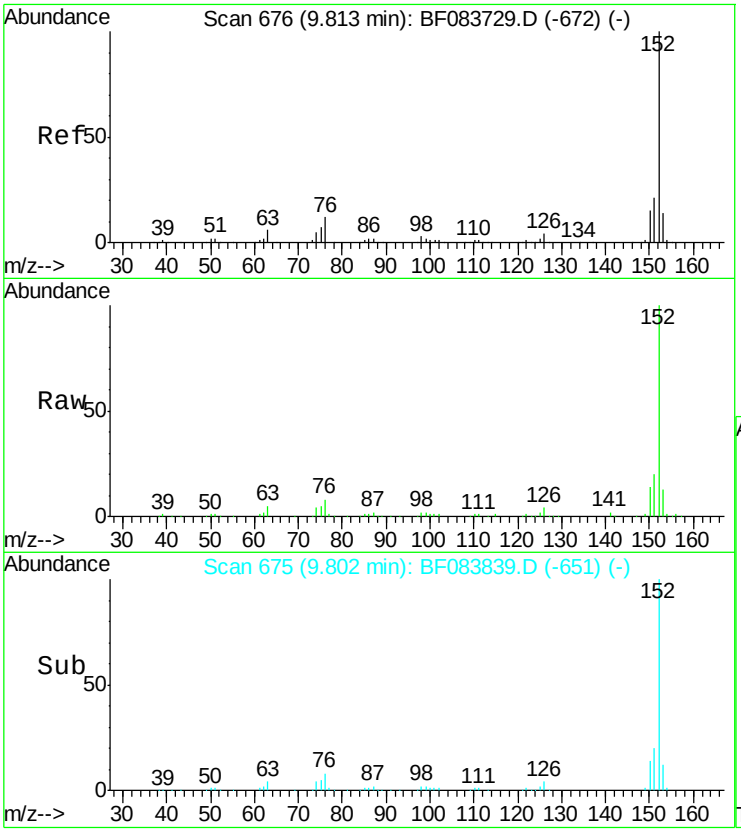


#44
2-Fluorobiphenyl
Concen: 13.72 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Tgt Ion:172 Resp: 198743

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.2	19.4	29.0



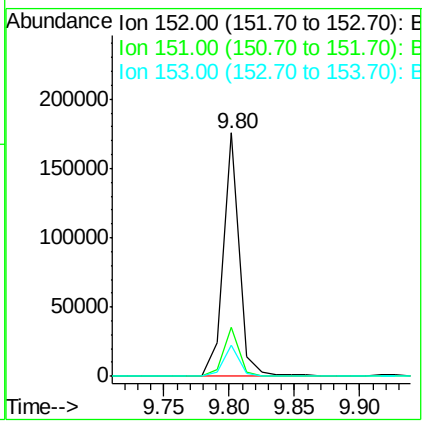


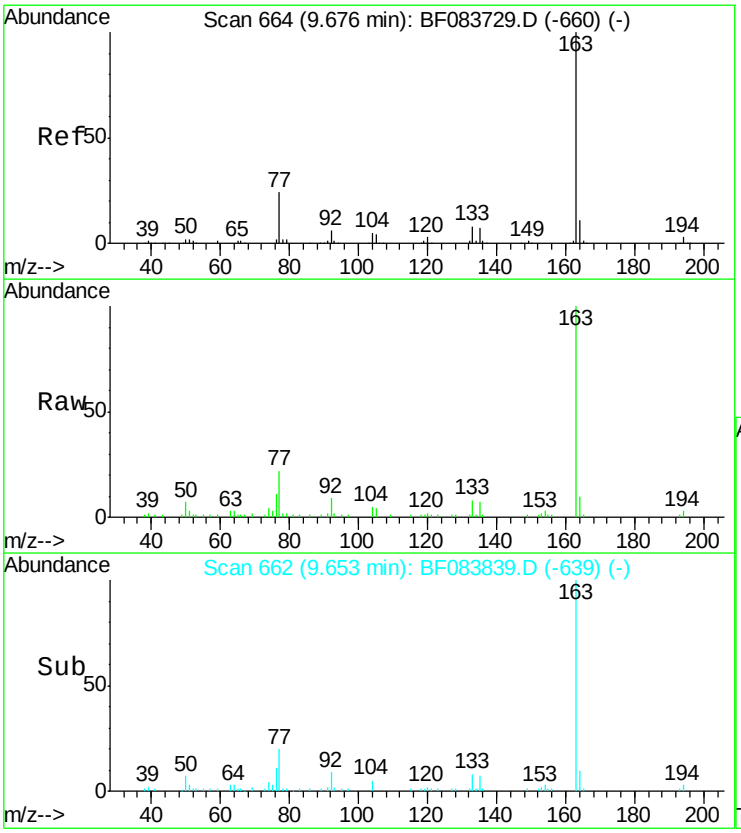
#48
Acenaphthylene
Concen: 7.79 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
K206-0-2DL

Tgt Ion:152 Resp: 152229

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.0	10.8	16.2

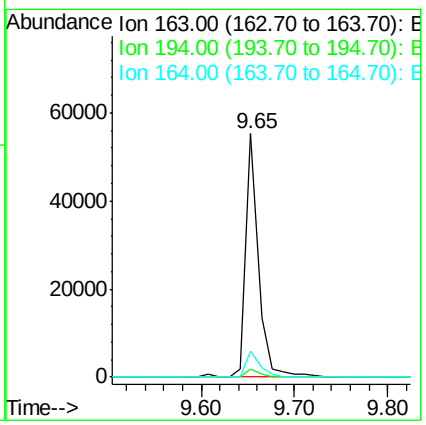


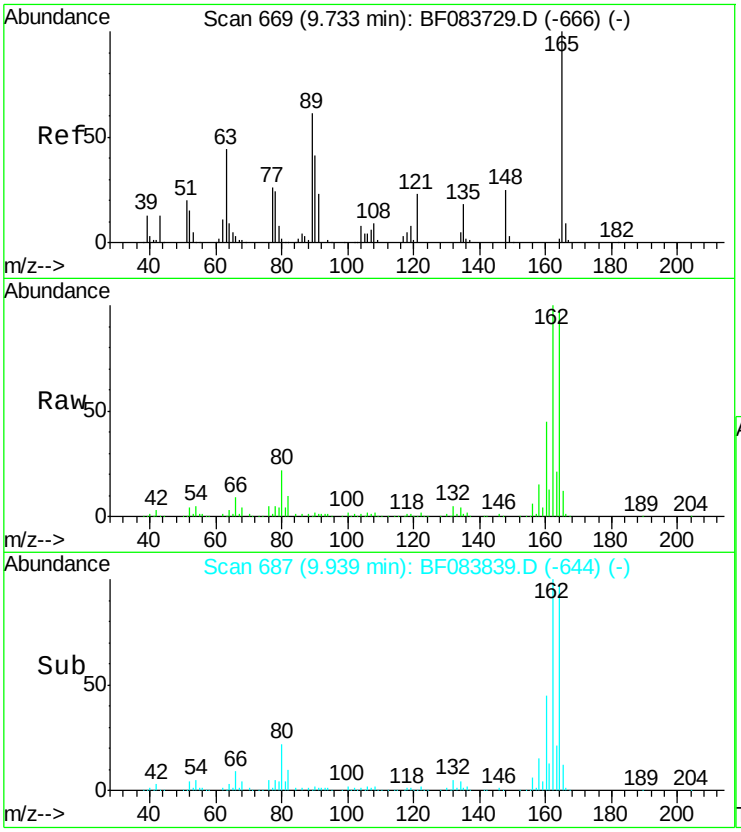


#49
Dimethylphthalate
Concen: 3.77 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Tgt Ion:163 Resp: 52240

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.4	8.6	13.0



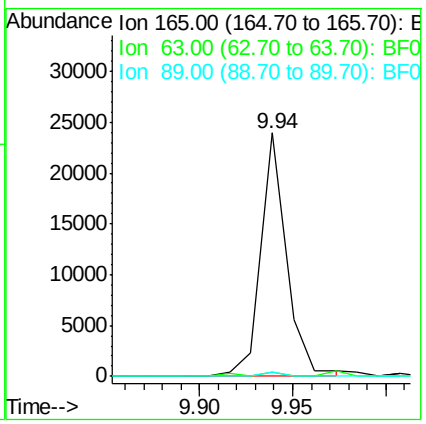


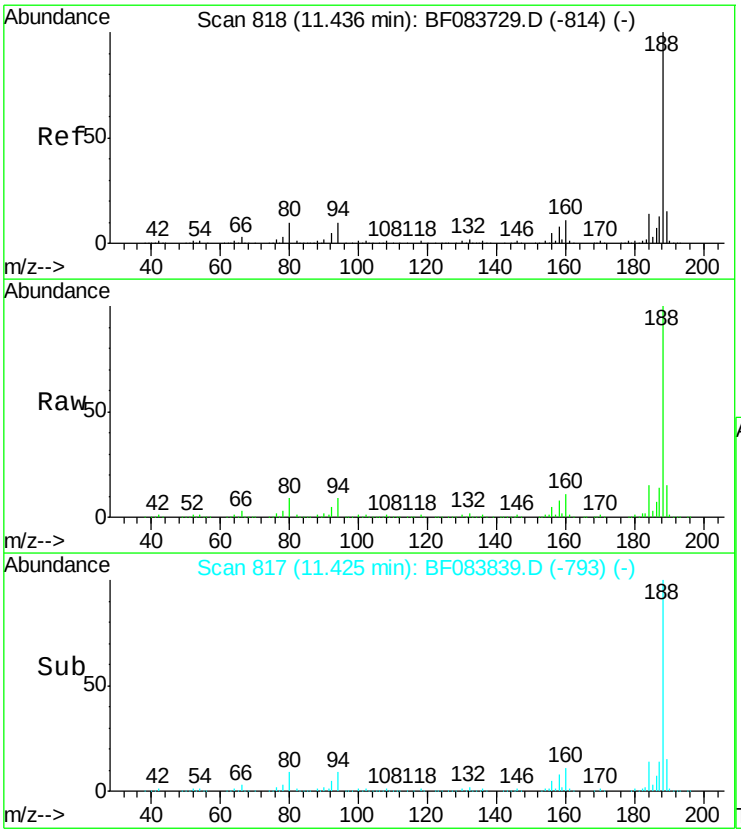
#50
2,6-Dinitrotoluene
Concen: 7.80 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.19 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
K206-0-2DL

Tgt Ion:165 Resp: 22938

Ion	Ratio	Lower	Upper
165	100		
63	1.8	56.9	85.3#
89	2.0	52.1	78.1#

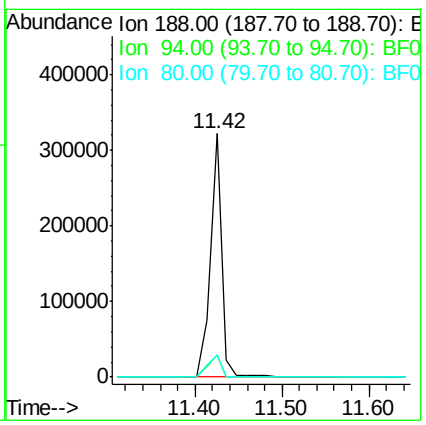


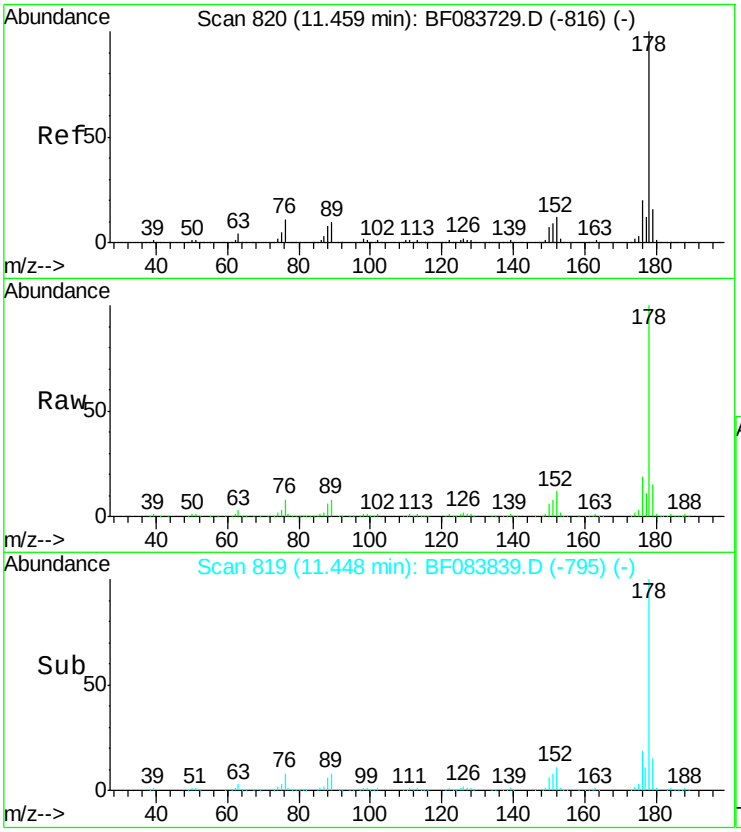


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Tgt Ion:188 Resp: 294235

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.4	14.2#
80	9.2	10.6	16.0#



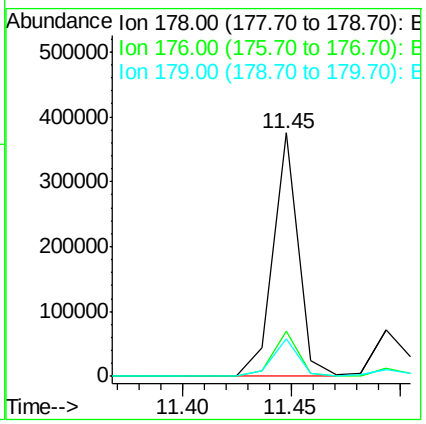


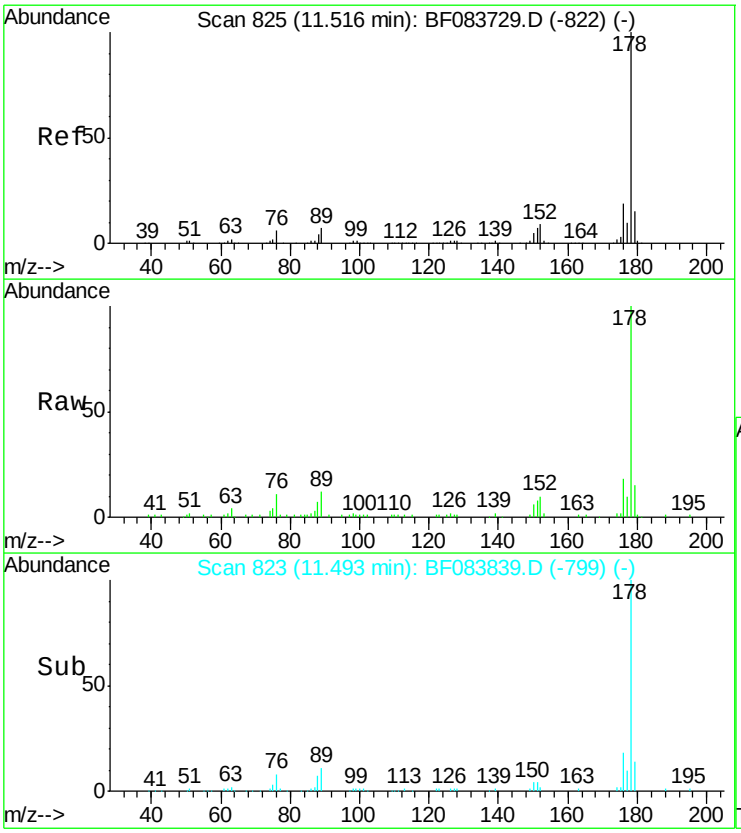
#70
Phenanthrene
Concen: 19.61 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
K206-0-2DL

Tgt Ion:178 Resp: 306471

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	15.3	12.2	18.4

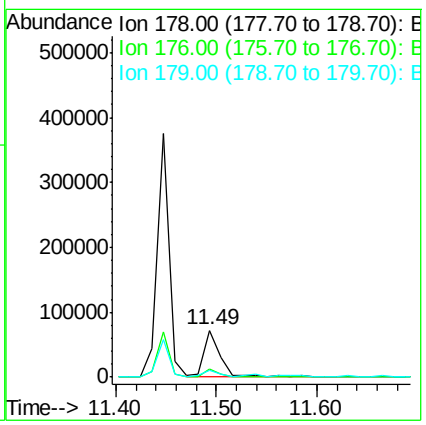


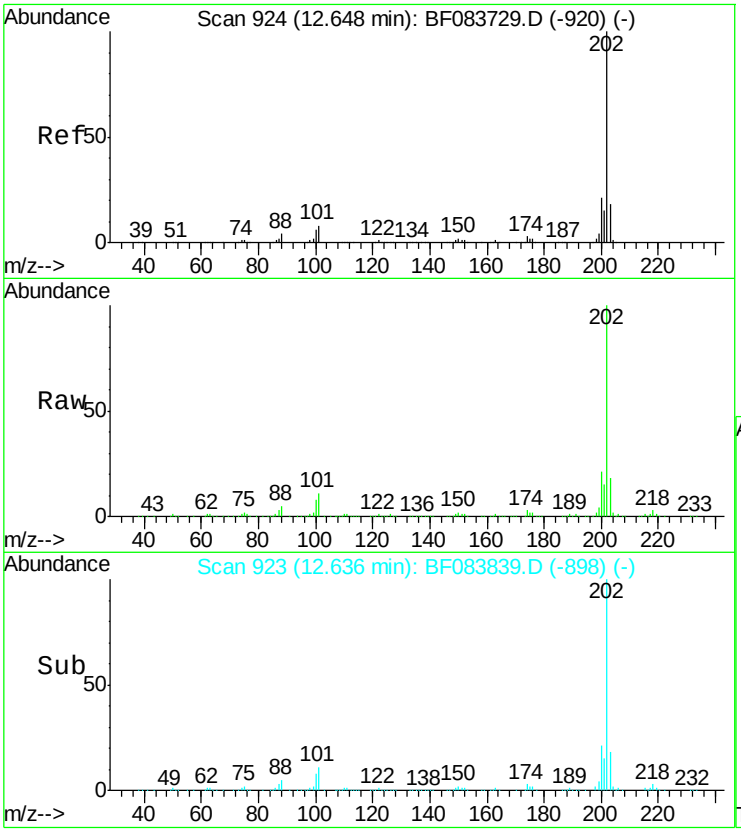


#71
Anthracene
Concen: 4.88 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Tgt Ion:178 Resp: 79261

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.2	22.8
179	14.9	12.6	18.8



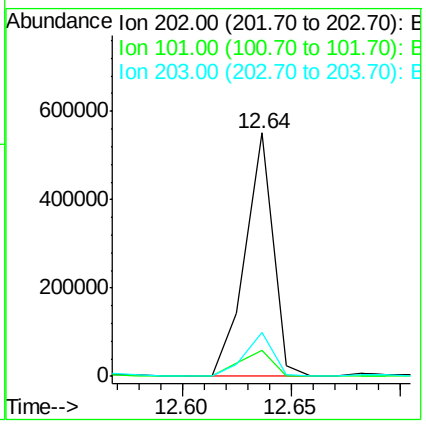


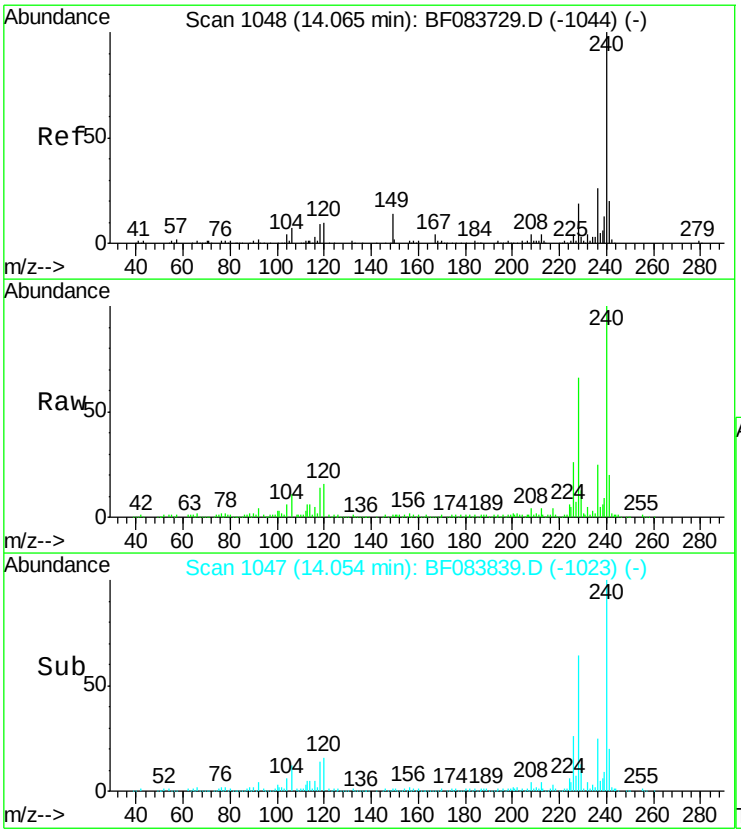
#74
Fluoranthene
Concen: 30.52 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
K206-0-2DL

Tgt Ion:202 Resp: 493004

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.5
203	18.1	0.0	37.6

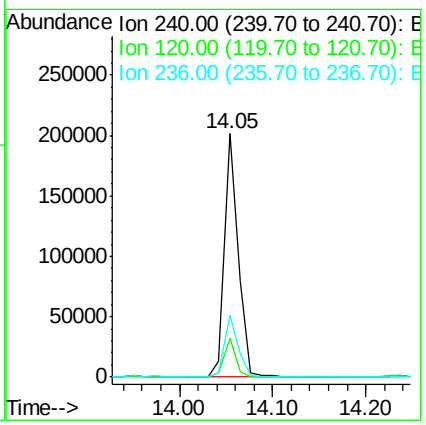


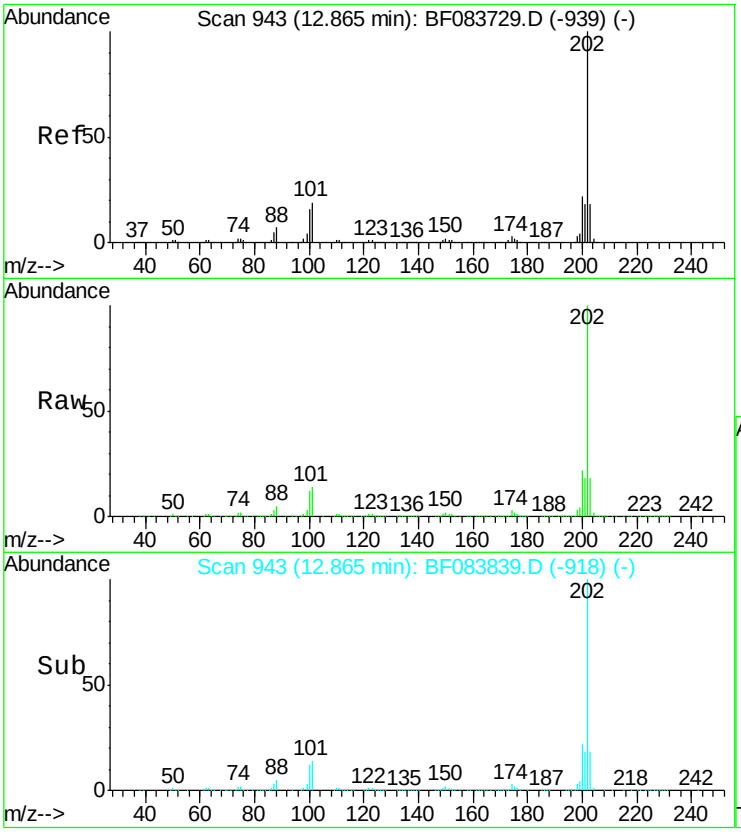


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Tgt Ion:240 Resp: 209332

Ion	Ratio	Lower	Upper
240	100		
120	15.9	8.1	12.1#
236	25.3	20.8	31.2



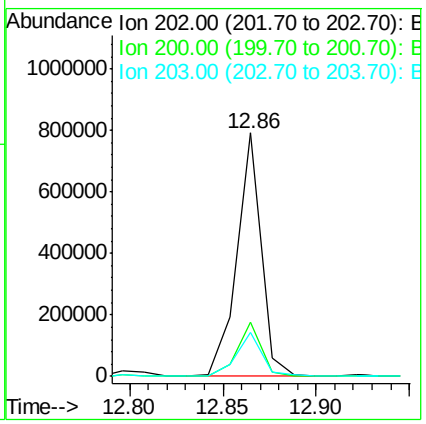


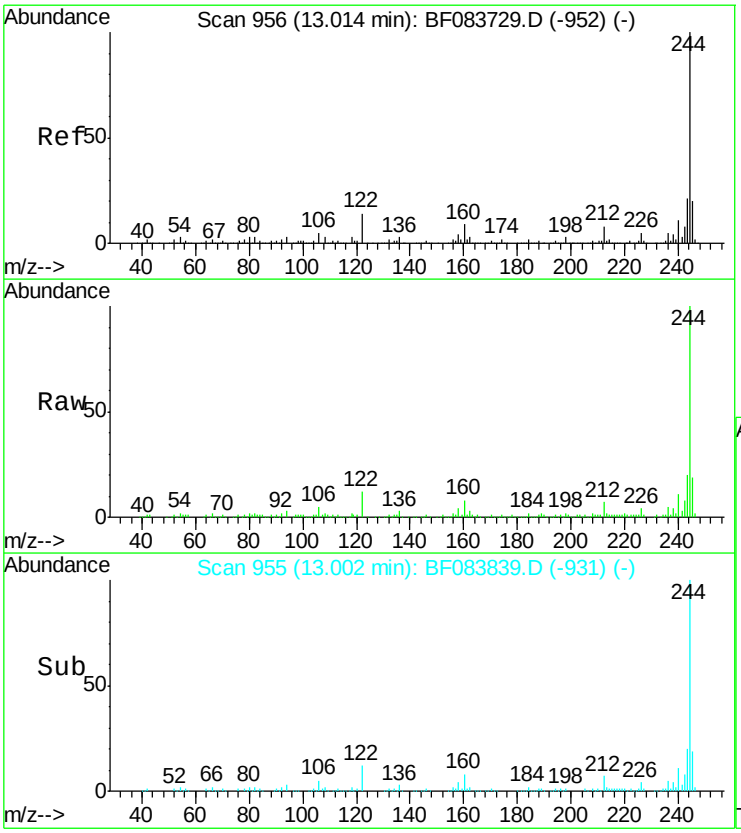
#77
Pyrene
Concen: 43.63 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
K206-0-2DL

Tgt Ion:202 Resp: 721872

Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.7	25.1
203	18.2	14.3	21.5

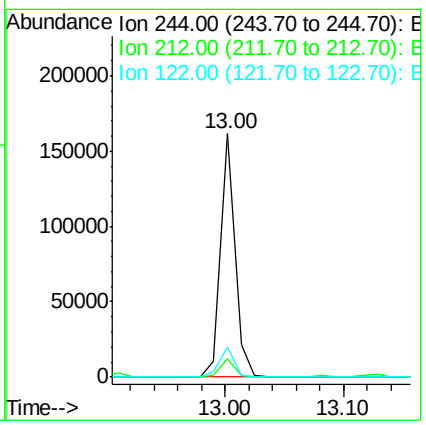


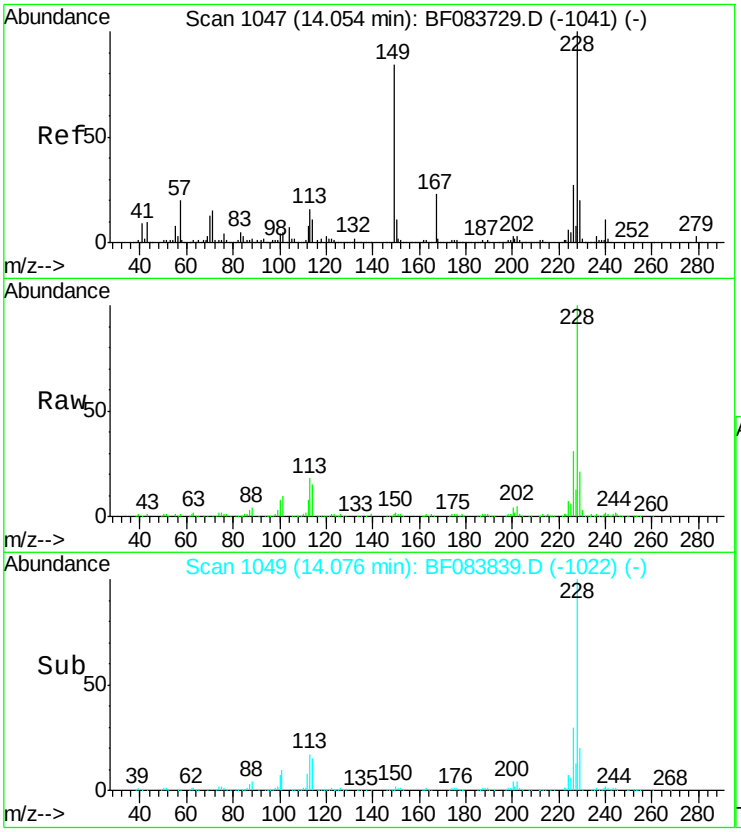


#78
Terphenyl-d14
Concen: 13.77 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Tgt Ion:244 Resp: 134023

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	12.4	11.0	16.6



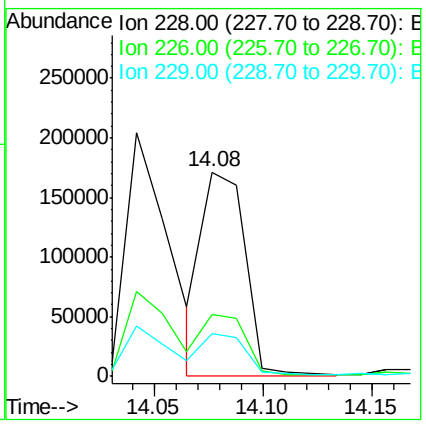


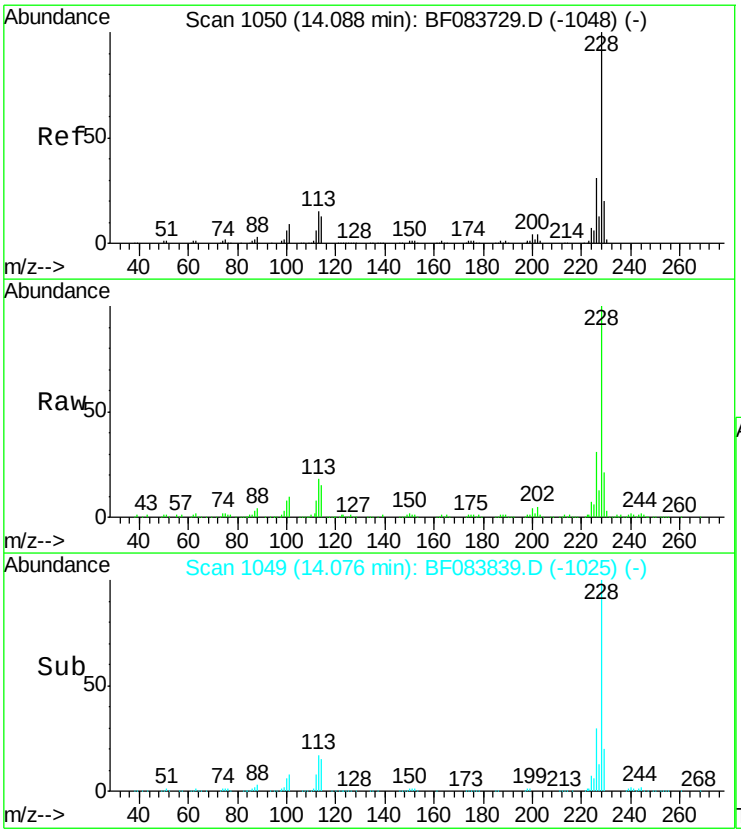
#80
Benzo(a)anthracene
Concen: 19.70 ng
RT: 14.08 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
K206-0-2DL

Tgt Ion:228 Resp: 234523

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.3	33.5
229	21.2	15.7	23.5

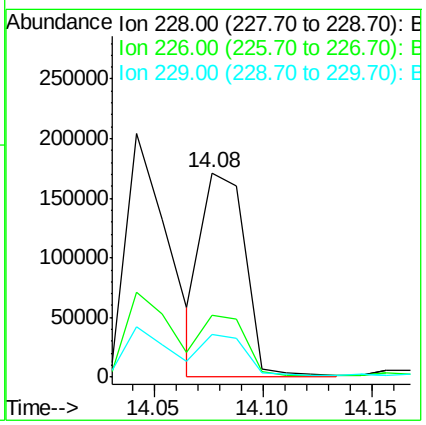


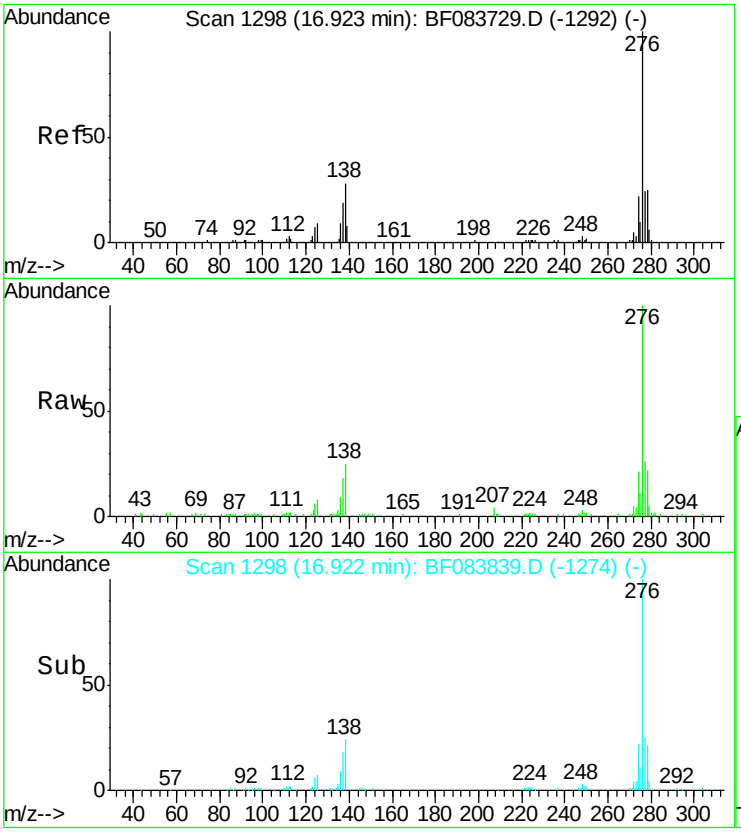


#82
Chrysene
Concen: 20.20 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Tgt Ion:228 Resp: 234558

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	21.2	16.3	24.5



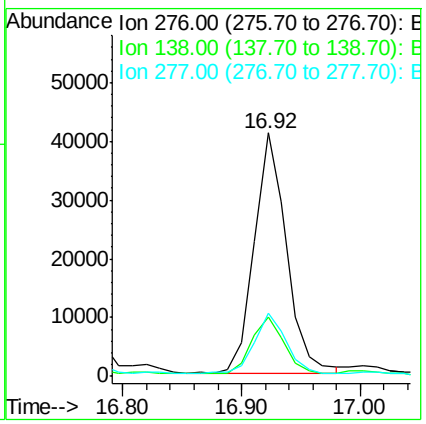


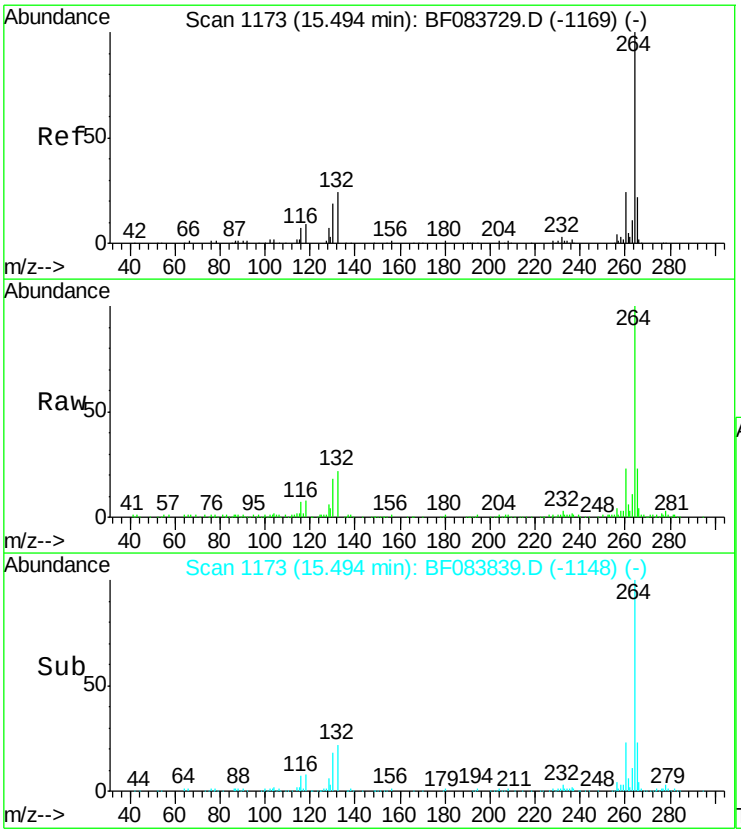
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.76 ng
RT: 16.92 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
K206-0-2DL

Tgt Ion:276 Resp: 77081

Ion	Ratio	Lower	Upper
276	100		
138	24.2	0.0	0.0#
277	25.3	0.0	0.0#

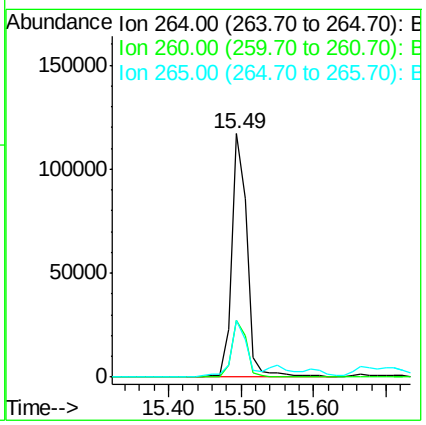


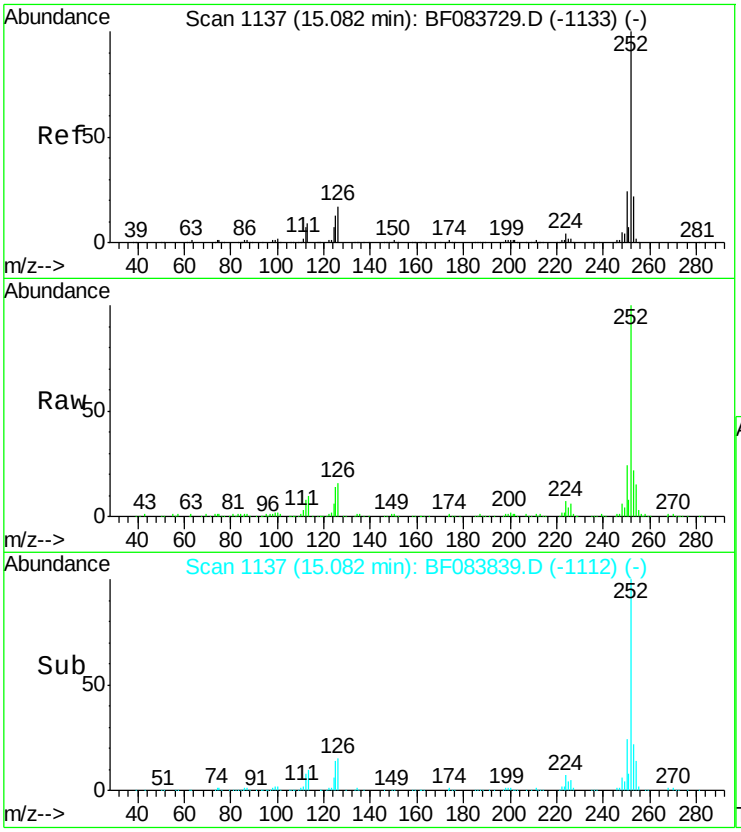


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Tgt Ion:264 Resp: 170576

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	23.1	17.8	26.6



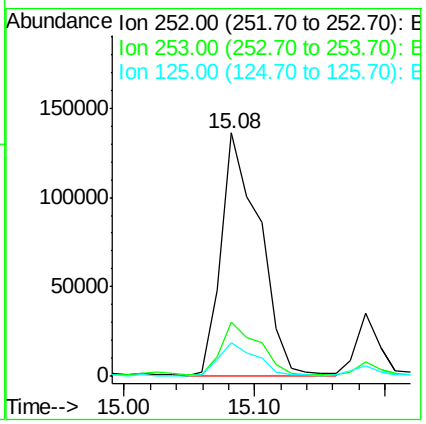


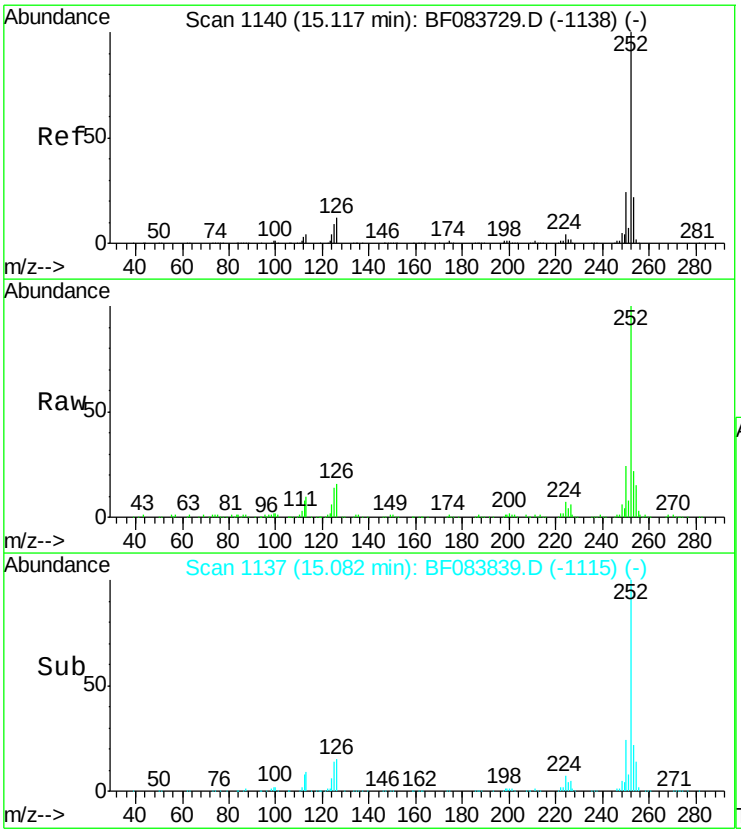
#87
Benzo(b)fluoranthene
Concen: 25.52 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
K206-0-2DL

Tgt Ion:252 Resp: 277694

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	14.0	8.2	12.4#

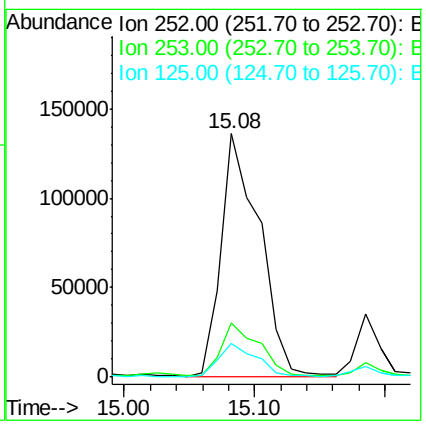


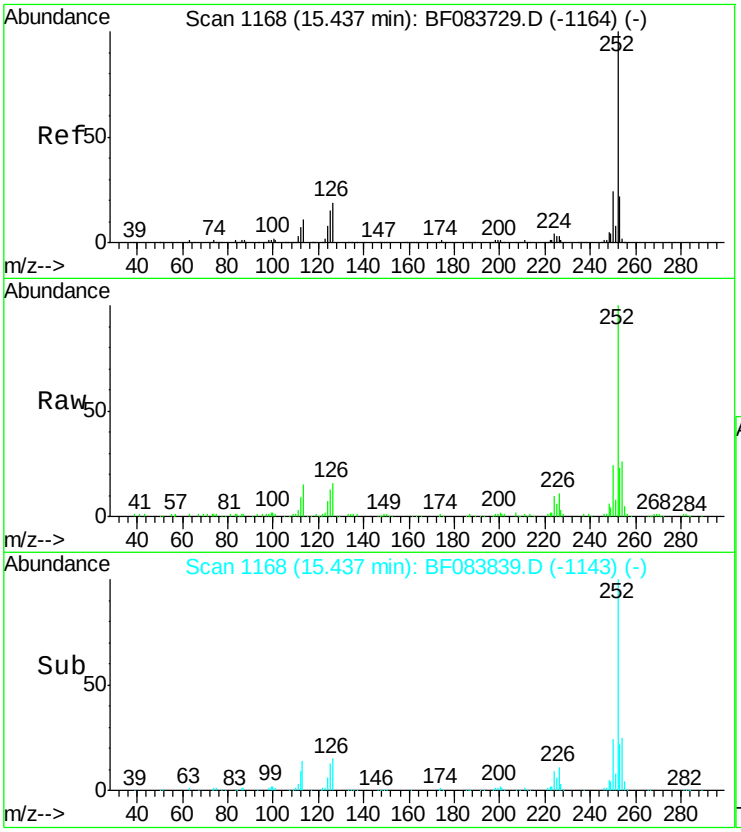


#88
Benzo(k)fluoranthene
Concen: 28.16 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.05 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Tgt Ion:252 Resp: 277694

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	27.8
125	14.0	11.5	17.3



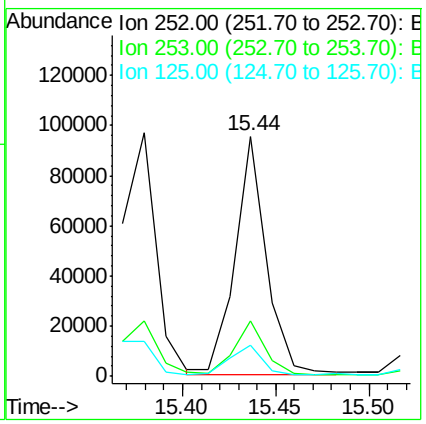


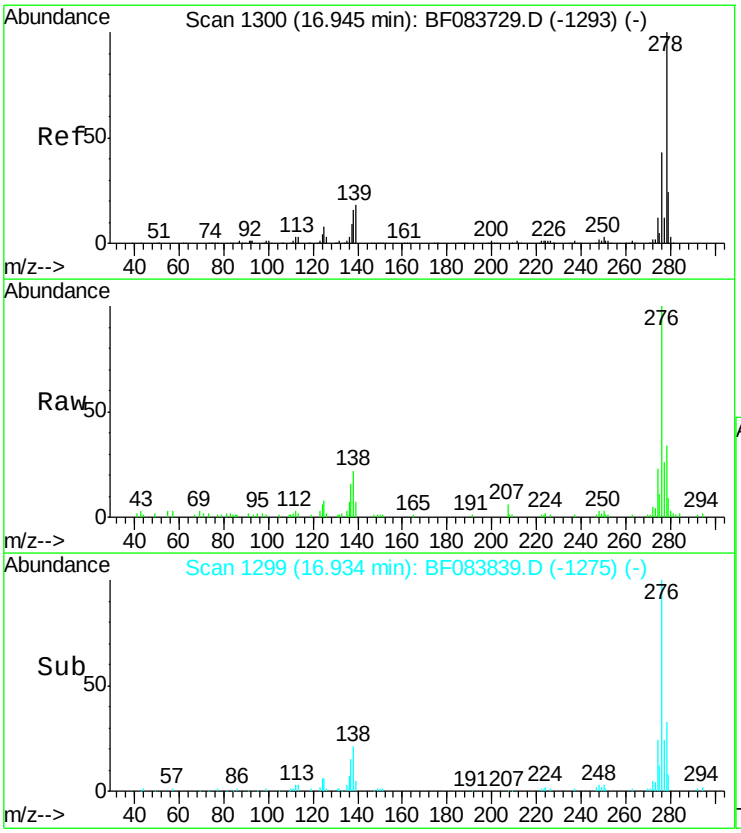
#89
Benzo(a)pyrene
Concen: 11.46 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
K206-0-2DL

Tgt Ion:252 Resp: 111276

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	13.0	11.0	16.6

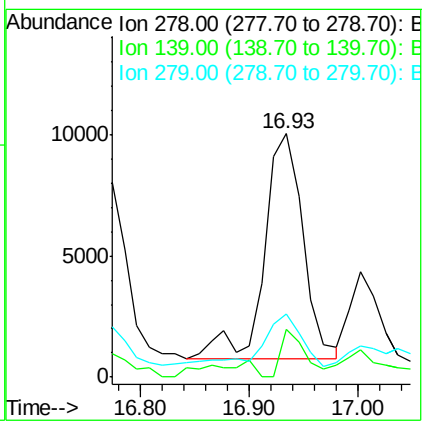


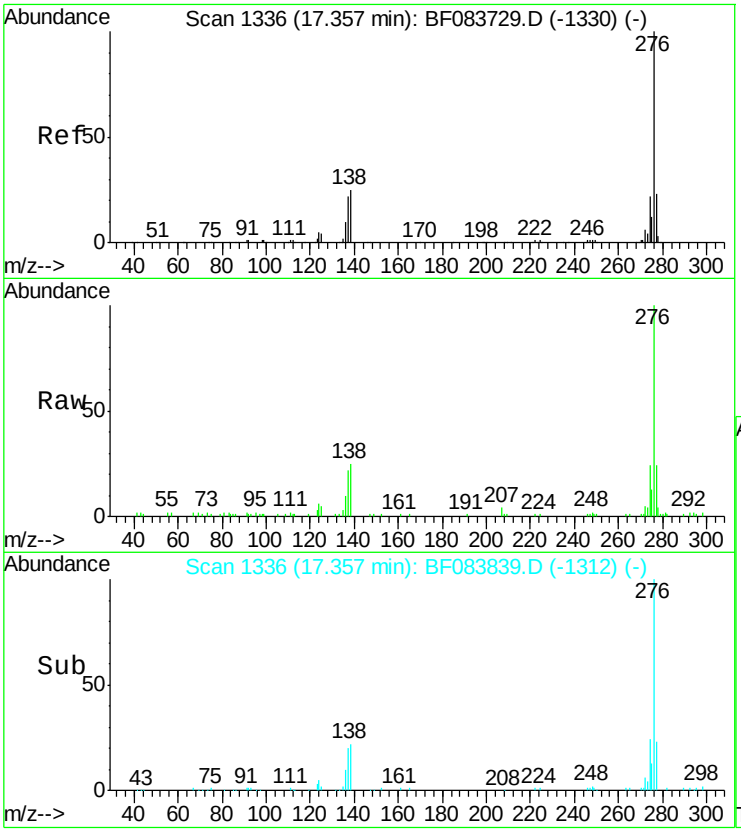


#90
Dibenzo(a,h)anthracene
Concen: 2.40 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Tgt Ion:278 Resp: 23209

Ion	Ratio	Lower	Upper
278	100		
139	19.4	12.8	19.2#
279	26.0	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 8.10 ng
RT: 17.36 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF083839.D
Acq: 16 Dec 2015 3:14

Instrument :
BNA_F
ClientSampleId :
K206-0-2DL

Tgt Ion:276 Resp: 80410

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	24.7	19.5	29.3