Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086395.D
Acq On : 23 Apr 2016 17:29
Operator : UM/SJ
Sample : H2640-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B11(0-4)-C

Quant Time: Apr 25 00:54:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	194622	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	763458	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	320837	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	520096	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	376644	20.00	ng		0.00
86) Perylene-d12	15.41	264	276185	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	878185	77.92	ng		0.01
7) Phenol-d6	6.48	99	1430457	93.37	ng		0.00
23) Nitrobenzene-d5	7.40	82	949767	73.69	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	106234	36.58	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1622541	86.30	ng		0.00
78) Terphenyl-d14	12.95	244	1101922	72.69	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.61	77	25134	2.70	ng		88
19) n-Nitroso-di-n-propylamine	7.40	70	124097	13.55	ng	#	84
25) Isophorone	7.40	82	957246	37.90	ng	#	68
49) Dimethylphthalate	9.60	163	252458	10.89	ng		99
56) 2,4-Dinitrotoluene	9.88	165	44078	6.63	ng	#	16
70) Phenanthrene	11.38	178	297245	11.37	ng		99
71) Anthracene	11.44	178	120317	4.02	ng		98
74) Fluoranthene	12.57	202	367822	13.05	ng		96
77) Pyrene	12.80	202	342403	13.03	ng		99
80) Benzo(a)anthracene	13.99	228	183866	9.40	ng		98
82) Chrysene	13.99	228	183866	8.35	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	34589	2.52	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.79	276	50057	2.56	ng	#	87
87) Benzo(b)fluoranthene	15.01	252	178591	11.78	ng	#	86
88) Benzo(k)fluoranthene	15.01	252	178591	12.00	ng	#	84
89) Benzo(a)pyrene	15.36	252	97920	6.55	ng	#	89
91) Benzo(g,h,i)perylene	17.20	276	47873	3.76	ng	#	89

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

Quantitation Report (Not Reviewed)

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Sample : H2640-01
Misc :
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Instrument :
BNA_F
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WPG-B11(0-4)-C

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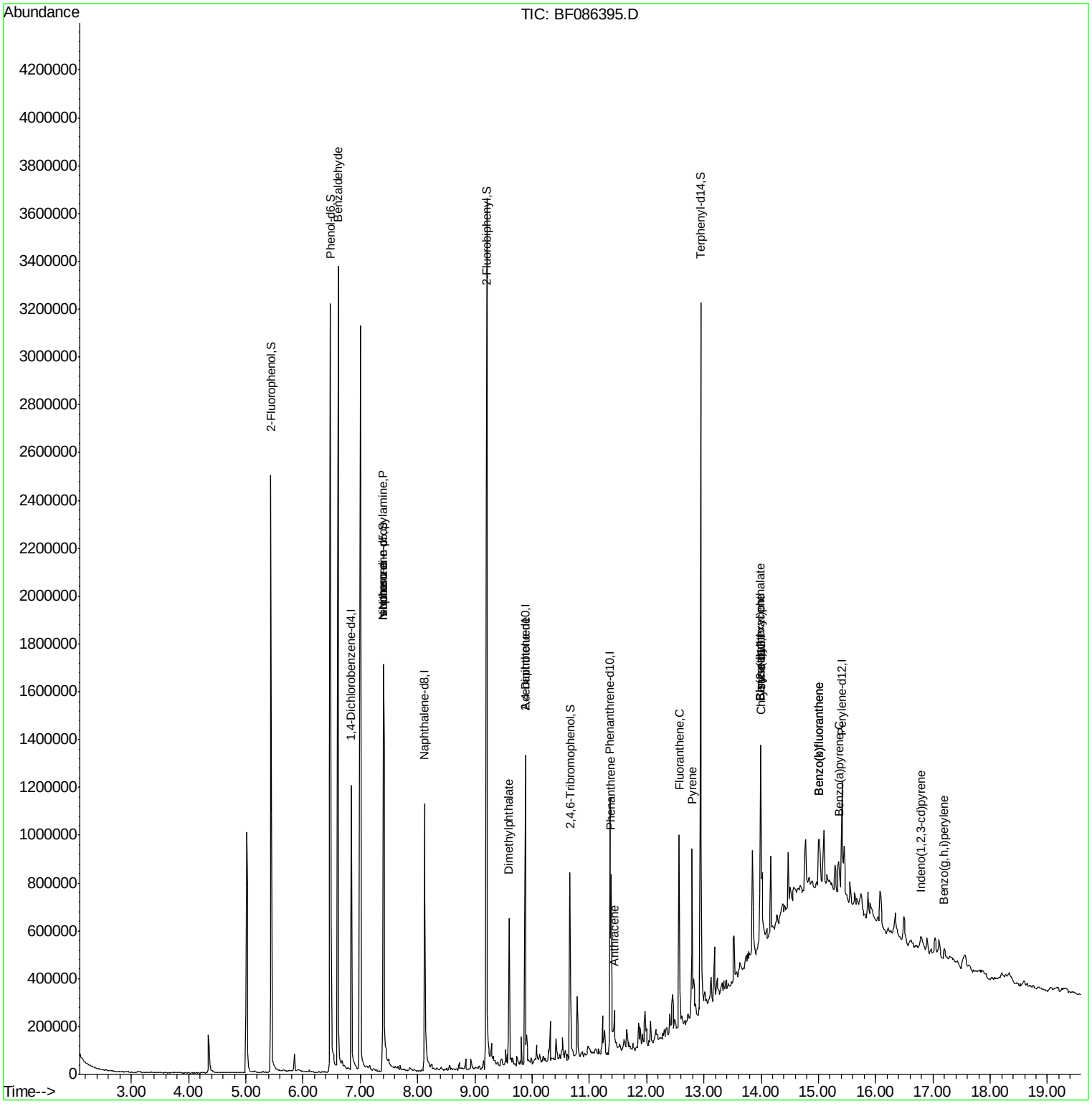
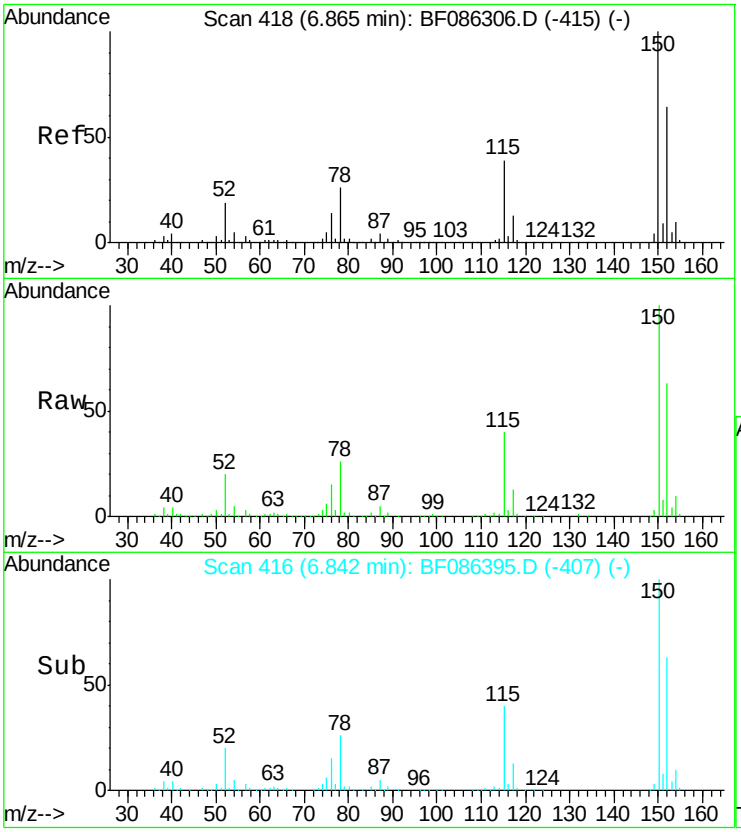


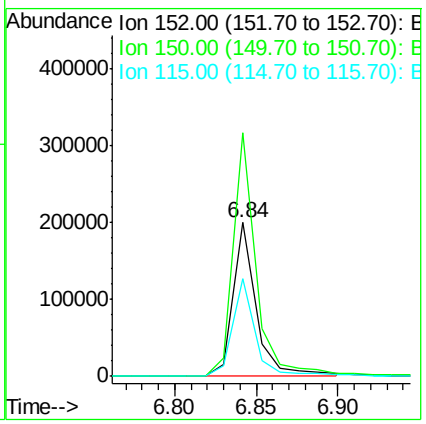


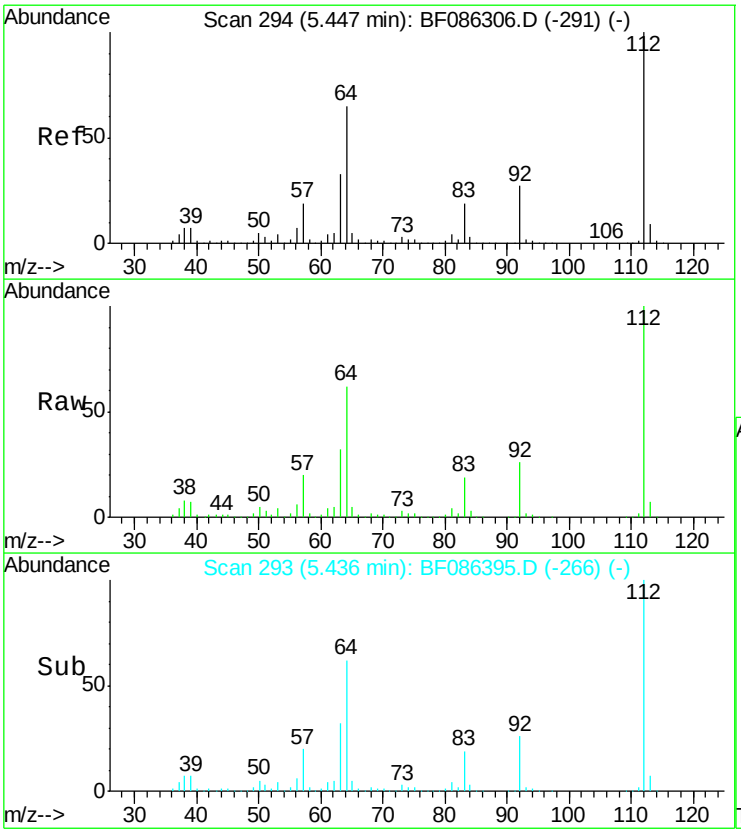
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Instrument :
BNA_F
ClientSampleId :
WPG-B11(0-4)-C

Tgt Ion:152 Resp: 194622

Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.8	188.6
115	63.3	51.5	77.3

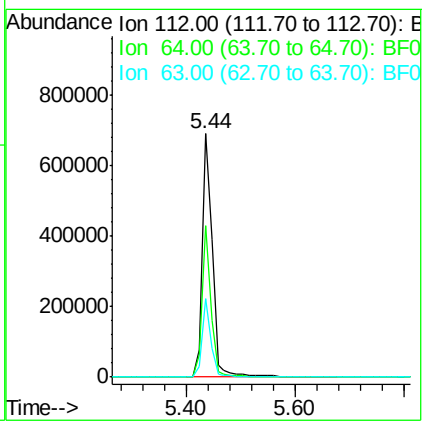


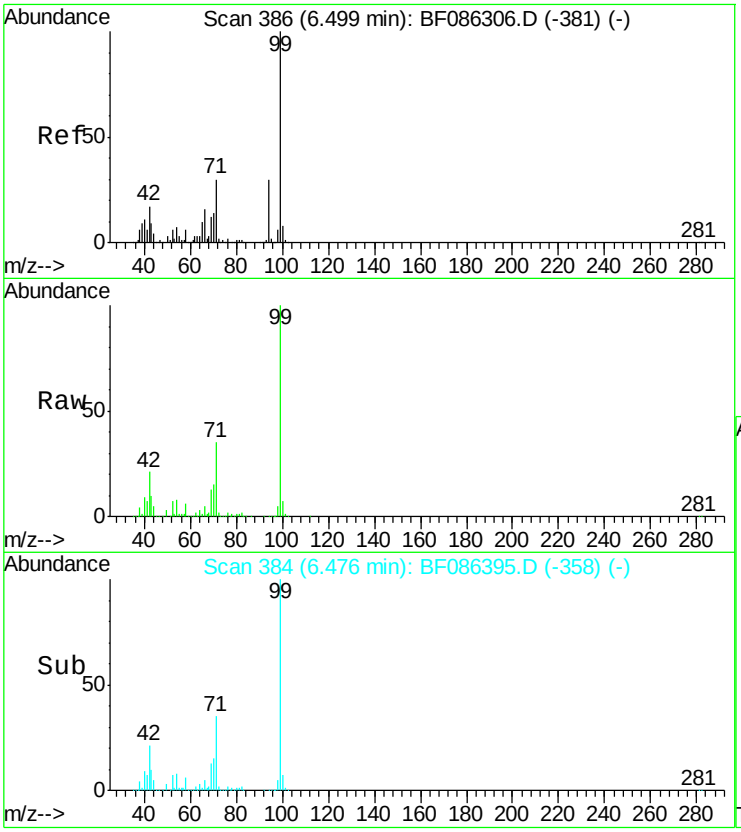


#5
2-Fluorophenol
Concen: 77.92 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Tgt Ion:112 Resp: 878185

Ion	Ratio	Lower	Upper
112	100		
64	62.4	52.1	78.1
63	32.0	25.7	38.5



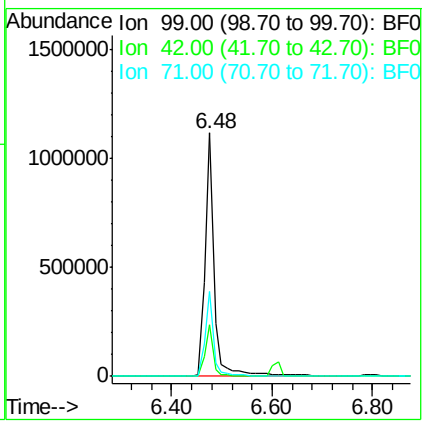


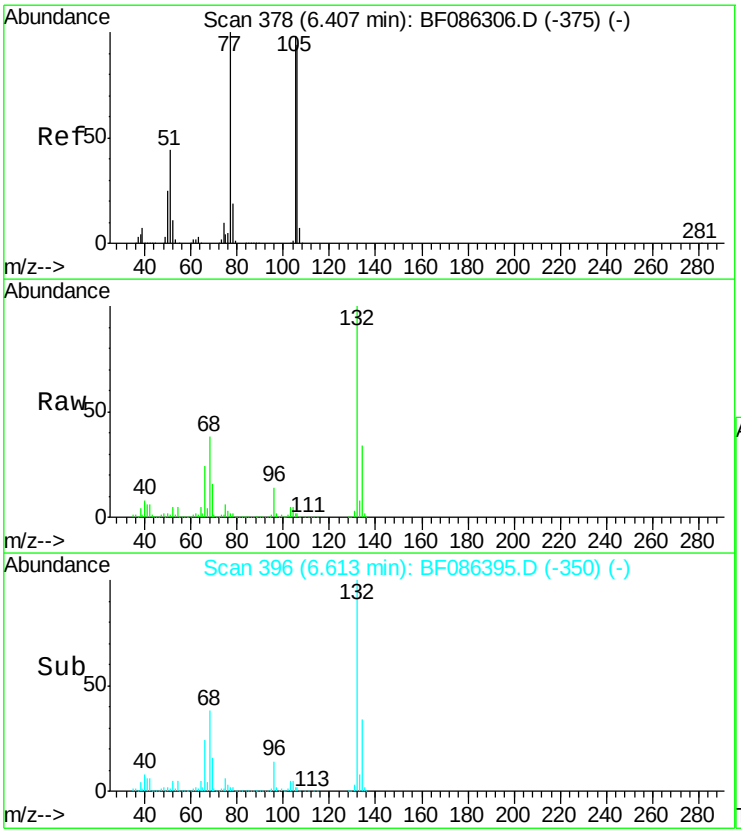
#7
Phenol-d6
Concen: 93.37 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Instrument :
BNA_F
ClientSampleId :
WPG-B11(0-4)-C

Tgt Ion: 99 Resp: 1430457

Ion	Ratio	Lower	Upper
99	100		
42	21.2	13.6	20.4#
71	34.9	24.6	36.8

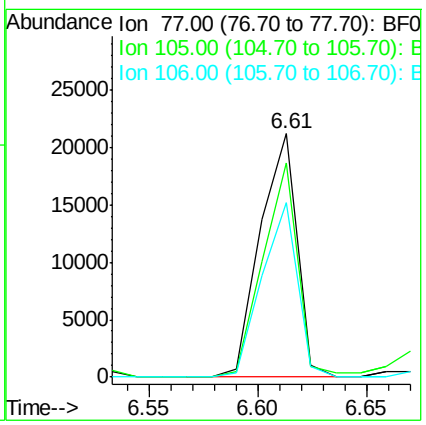


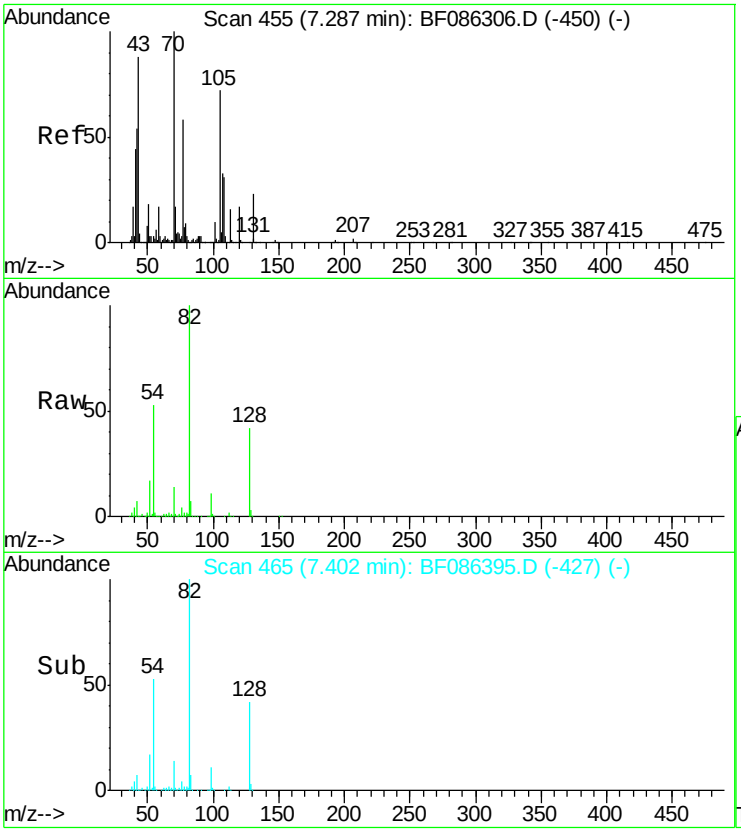


#9
Benzaldehyde
Concen: 2.70 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.23 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Tgt Ion: 77 Resp: 25134

Ion	Ratio	Lower	Upper
77	100		
105	88.2	72.7	112.7
106	71.8	70.8	110.8



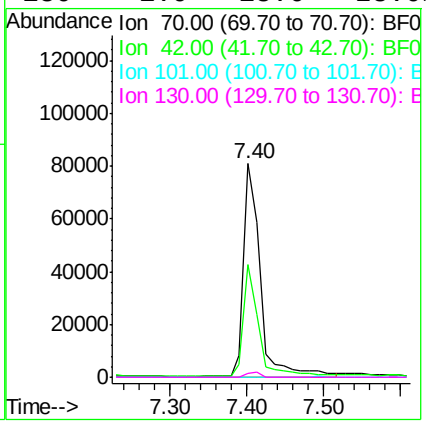


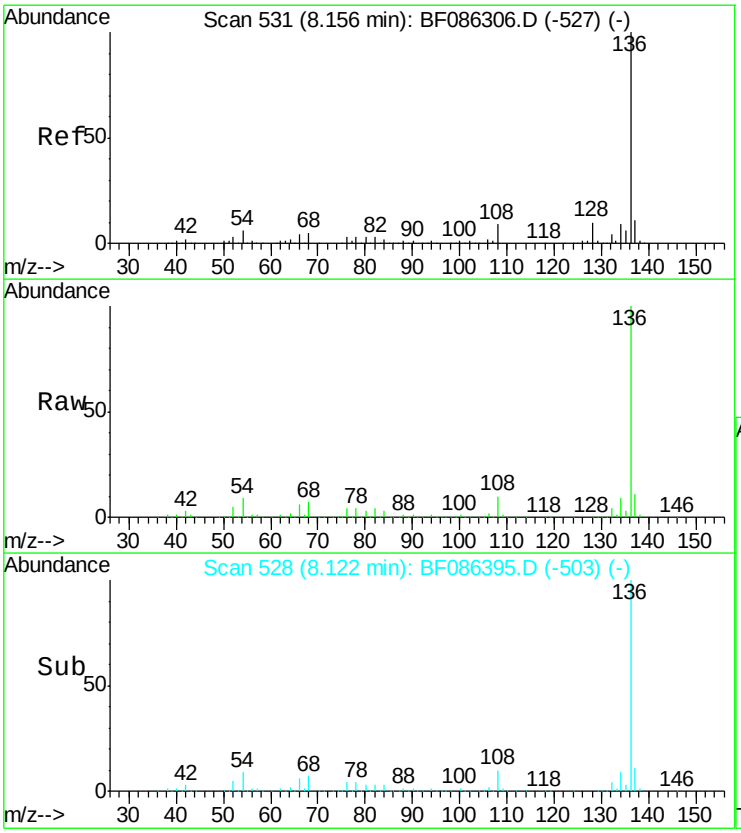
#19
n-Nitroso-di-n-propylamine
Concen: 13.55 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.14 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Instrument :
BNA_F
ClientSampleId :
WPG-B11(0-4)-C

Tgt Ion: 70 Resp: 124097

Ion	Ratio	Lower	Upper
70	100		
42	52.8	43.1	64.7
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#

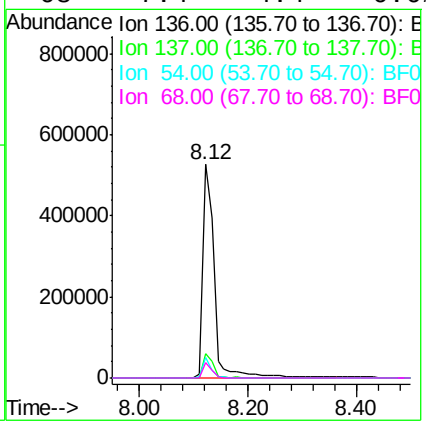


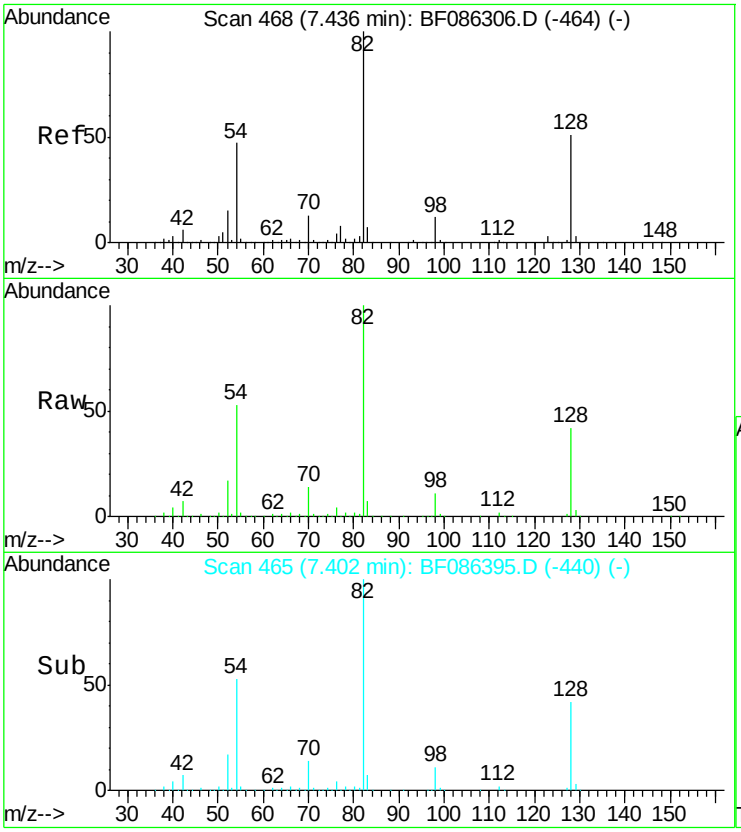


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Tgt Ion:136 Resp: 763458

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.4	5.0	7.4#
68	7.4	4.4	6.6#



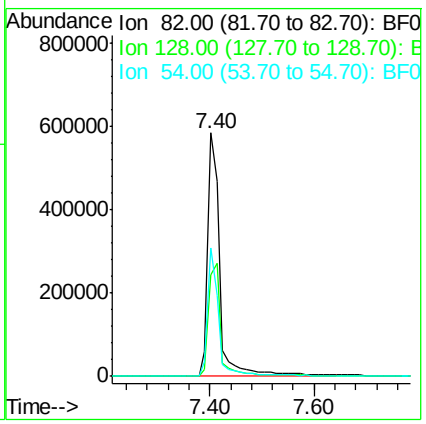


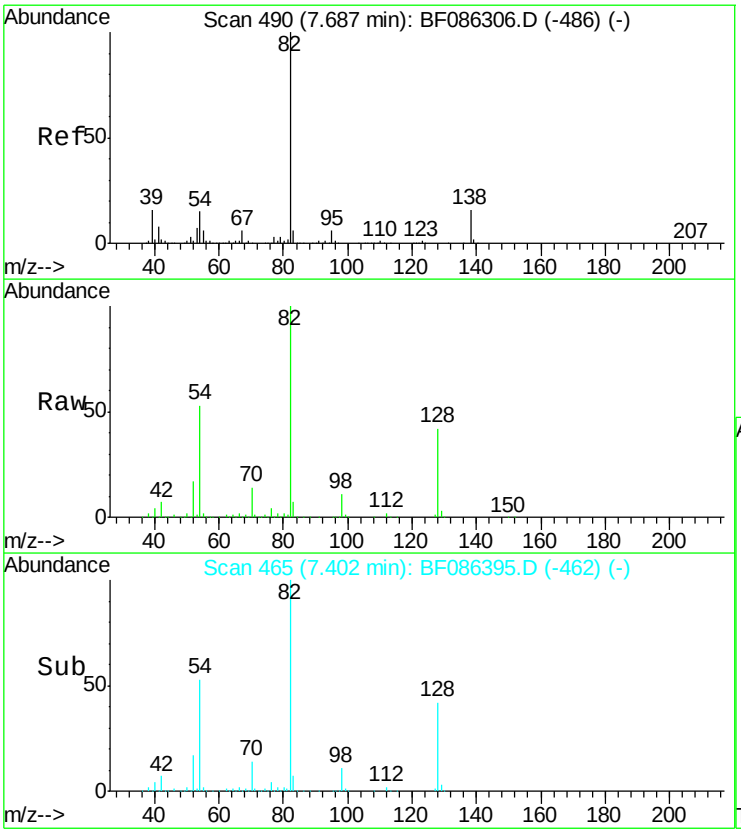
#23
Nitrobenzene-d5
Concen: 73.69 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Instrument :
BNA_F
ClientSampleId :
WPG-B11(0-4)-C

Tgt Ion: 82 Resp: 949767

Ion	Ratio	Lower	Upper
82	100		
128	41.8	40.6	61.0
54	52.8	38.1	57.1

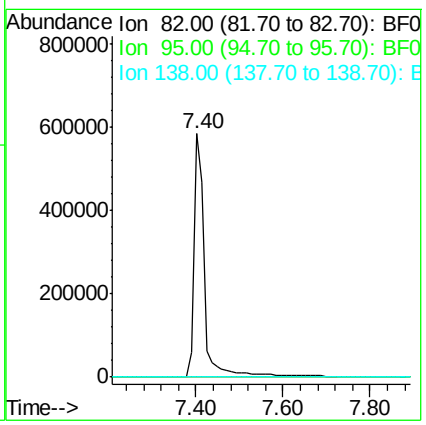


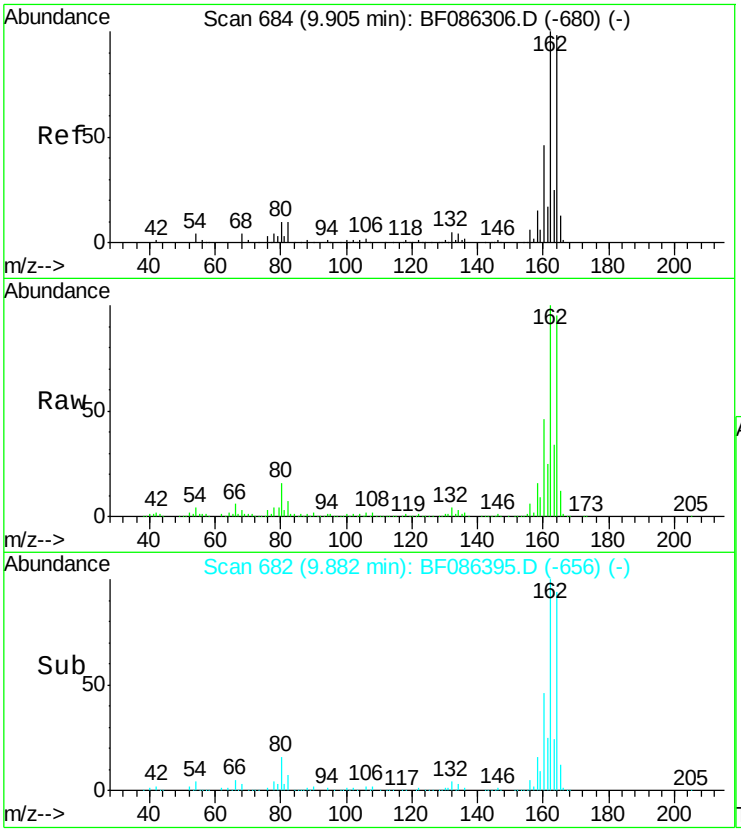


#25
Isophorone
Concen: 37.90 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.26 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Tgt Ion: 82 Resp: 957246

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.1	7.7#
138	0.0	12.4	18.6#



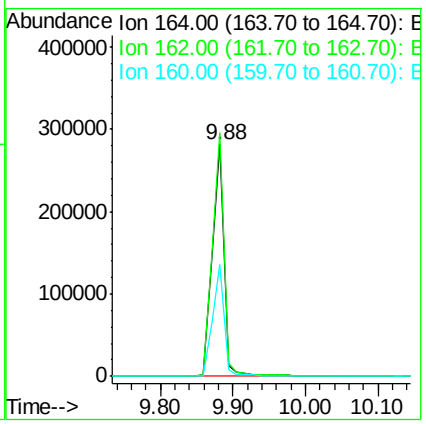


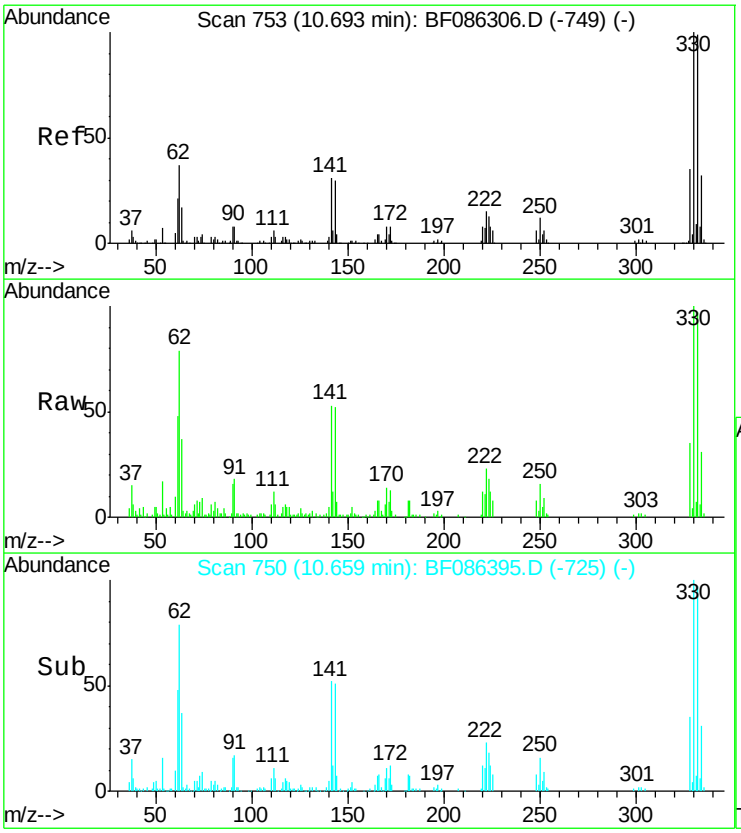
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Instrument :
BNA_F
ClientSampleId :
WPG-B11(0-4)-C

Tgt Ion:164 Resp: 320837

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.8	124.2
160	48.3	36.9	55.3

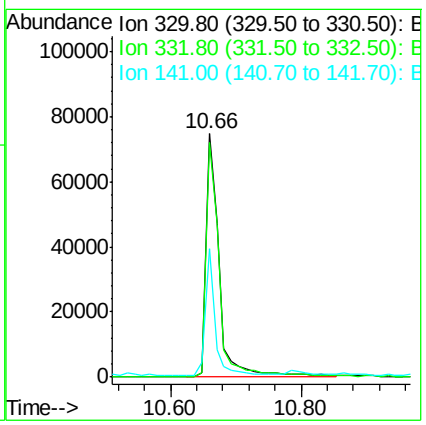


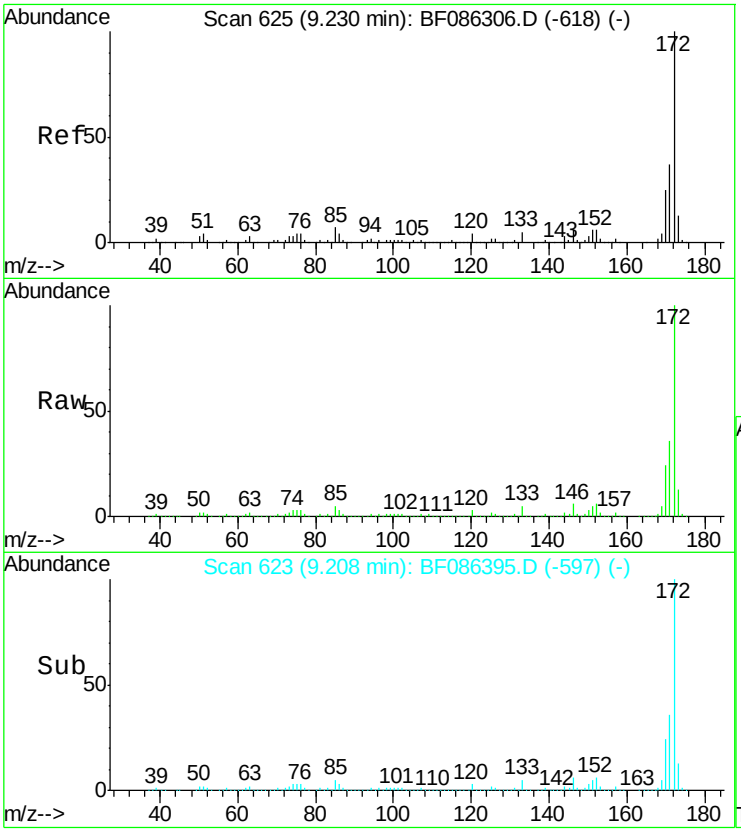


#41
2,4,6-Tribromophenol
Concen: 36.58 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Tgt Ion:330 Resp: 106234

Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.0	118.4
141	38.1	31.2	46.8



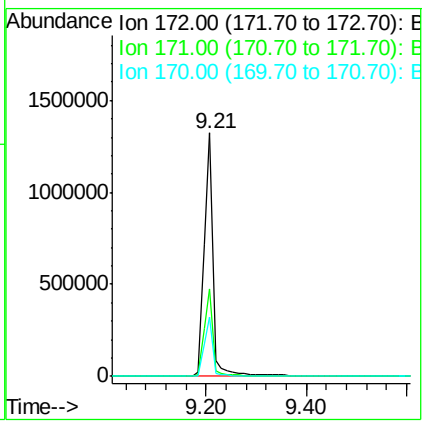


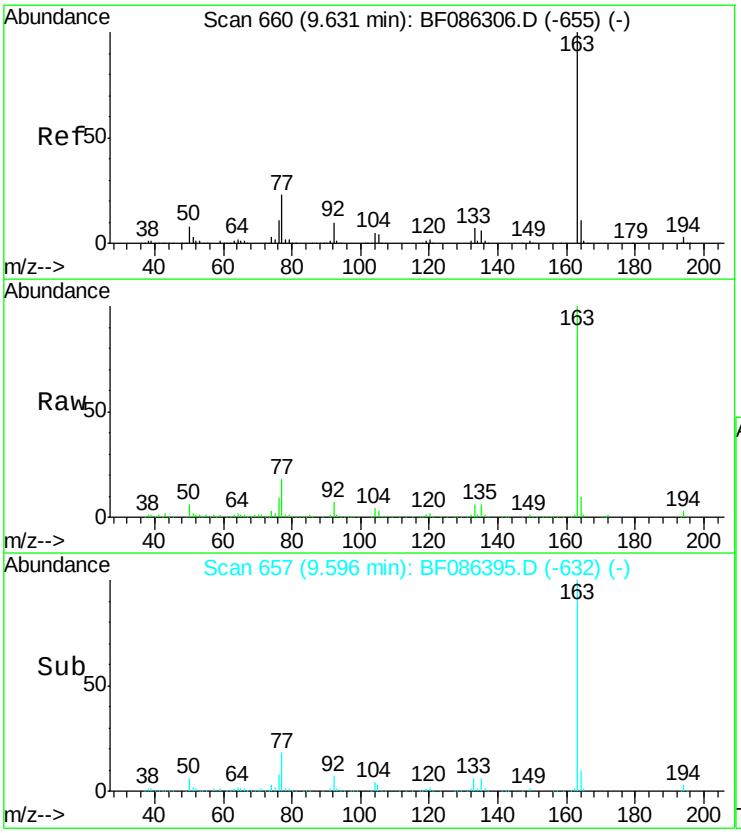
#44
2-Fluorobiphenyl
Concen: 86.30 ng
RT: 9.21 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Instrument :
BNA_F
ClientSampleId :
WPG-B11(0-4)-C

Tgt Ion:172 Resp: 1622541

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.3	19.8	29.8

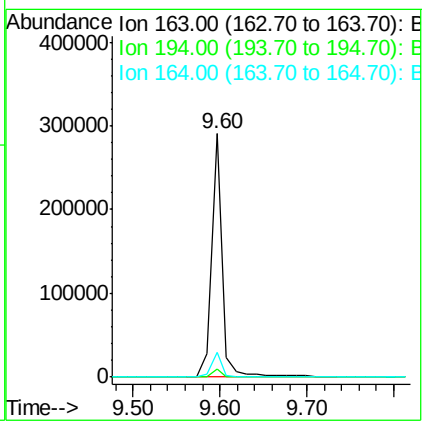


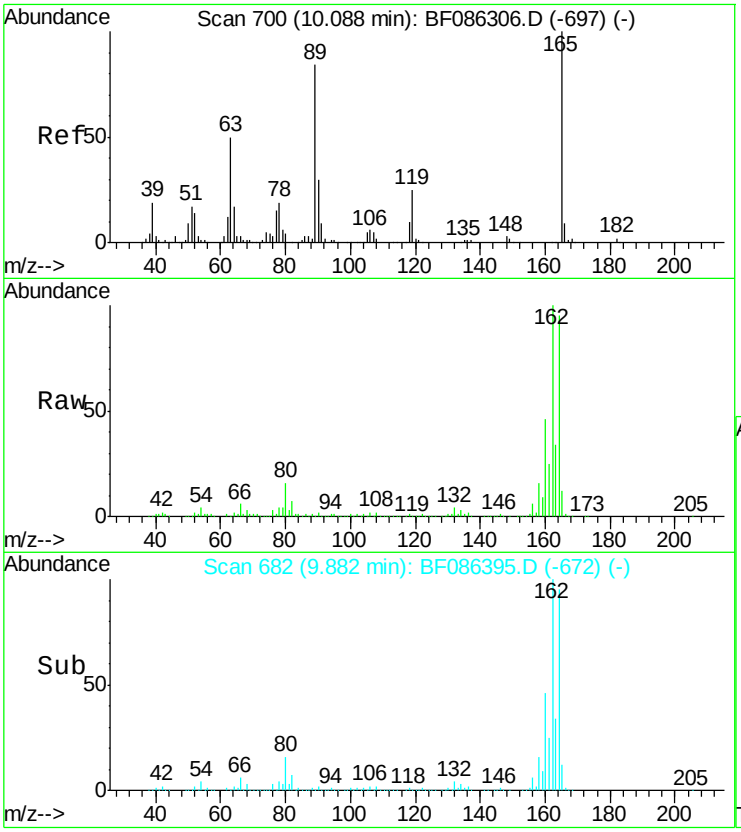


#49
Dimethylphthalate
Concen: 10.89 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Tgt Ion:163 Resp: 252458

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.9	8.2	12.4



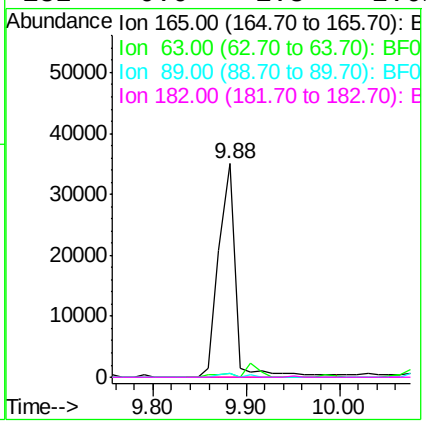


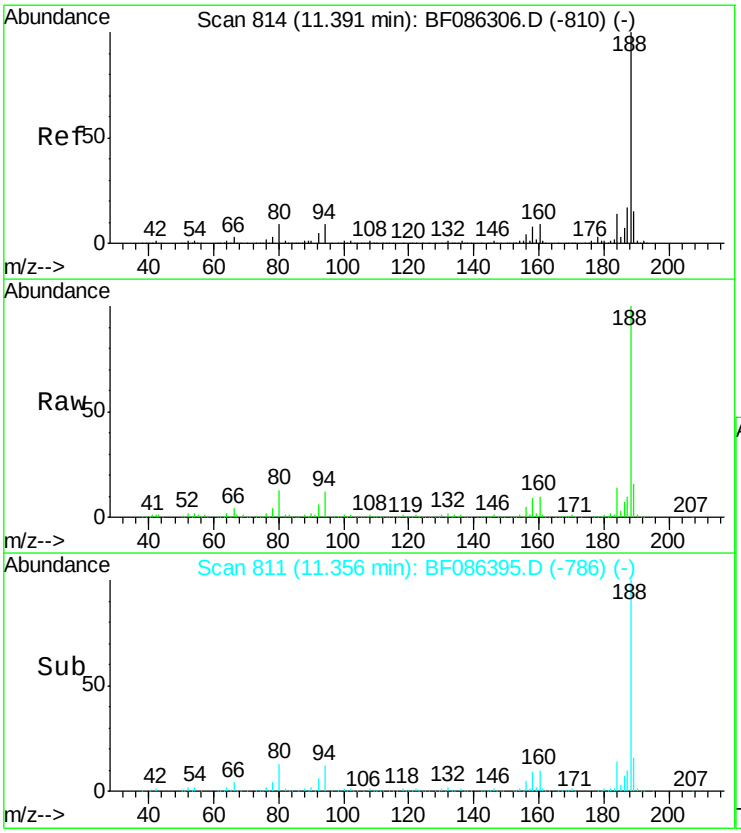
#56
2,4-Dinitrotoluene
Concen: 6.63 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.18 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Instrument :
BNA_F
ClientSampleId :
WPG-B11(0-4)-C

Tgt Ion:165 Resp: 44078

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

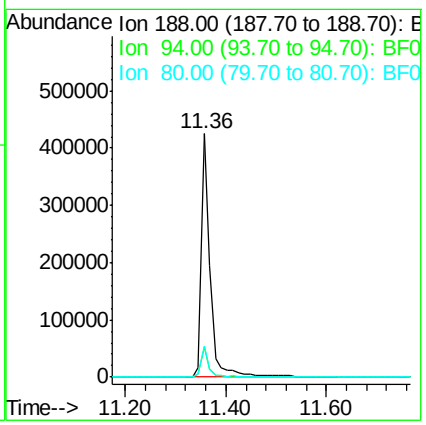


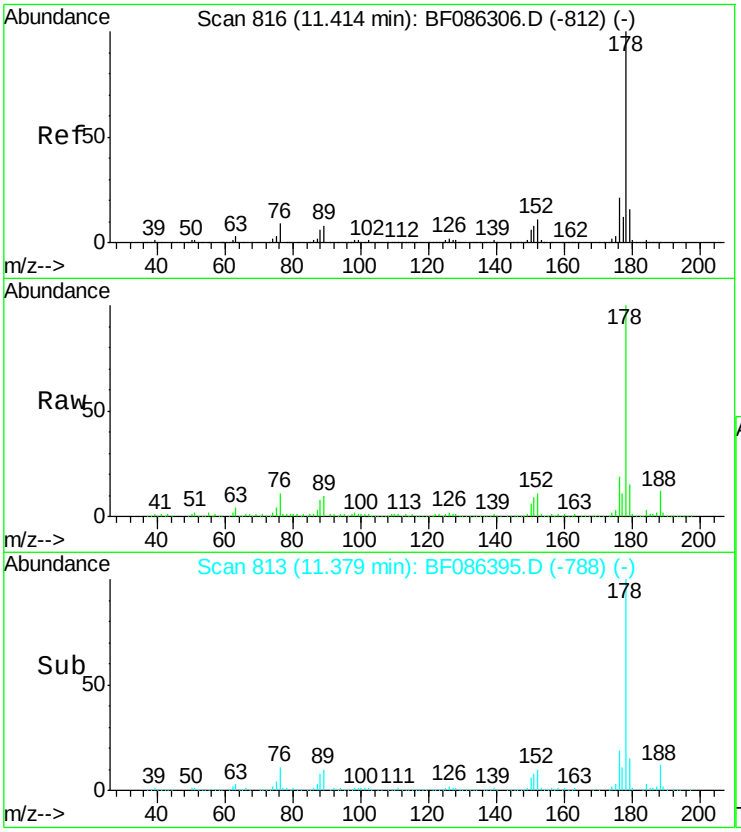


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Tgt Ion:188 Resp: 520096

Ion	Ratio	Lower	Upper
188	100		
94	12.2	6.8	10.2#
80	12.6	7.1	10.7#



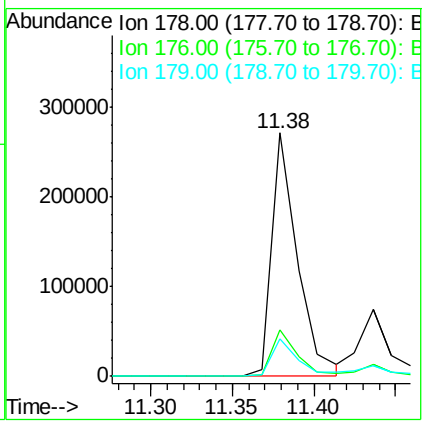


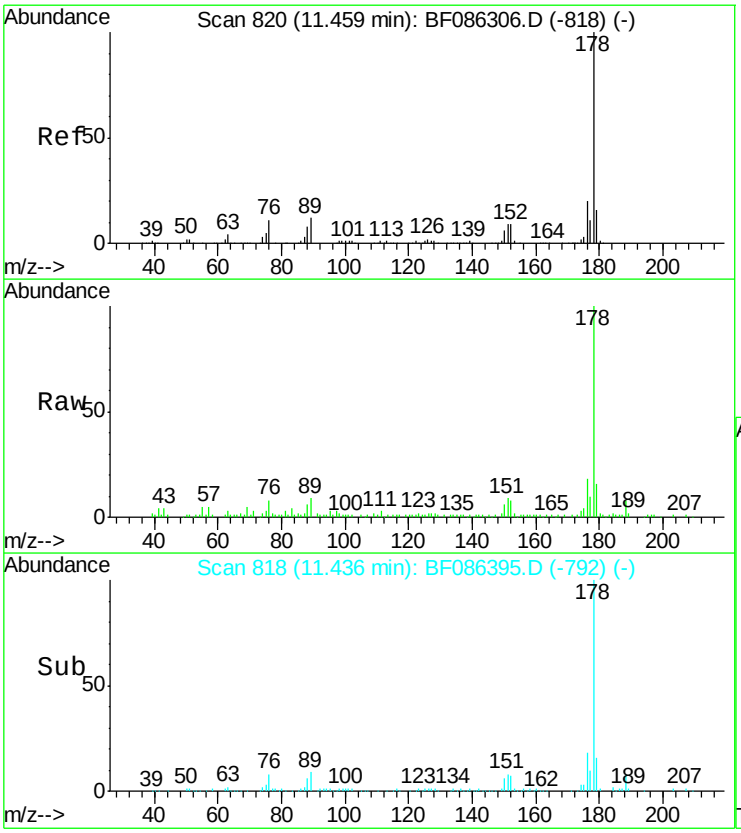
#70
Phenanthrene
Concen: 11.37 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Instrument :
BNA_F
ClientSampleId :
WPG-B11(0-4)-C

Tgt Ion:178 Resp: 297245

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	15.4	12.6	18.8

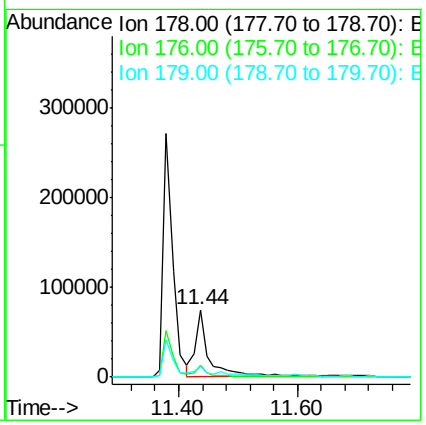


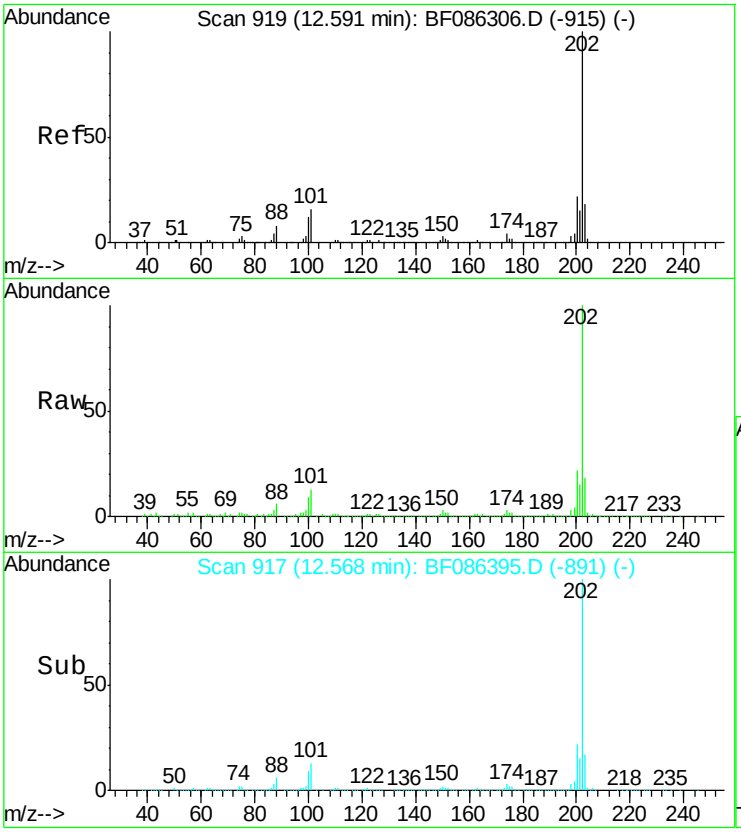


#71
Anthracene
Concen: 4.02 ng
RT: 11.44 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Tgt Ion:178 Resp: 120317

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.6	23.4
179	16.2	12.7	19.1



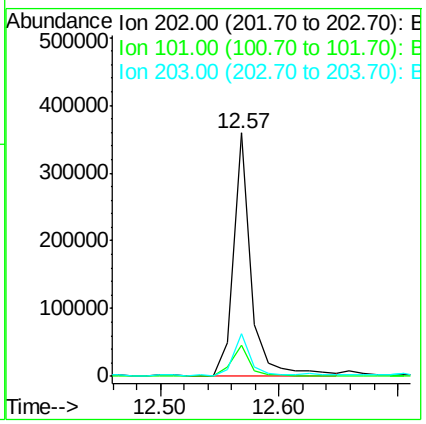


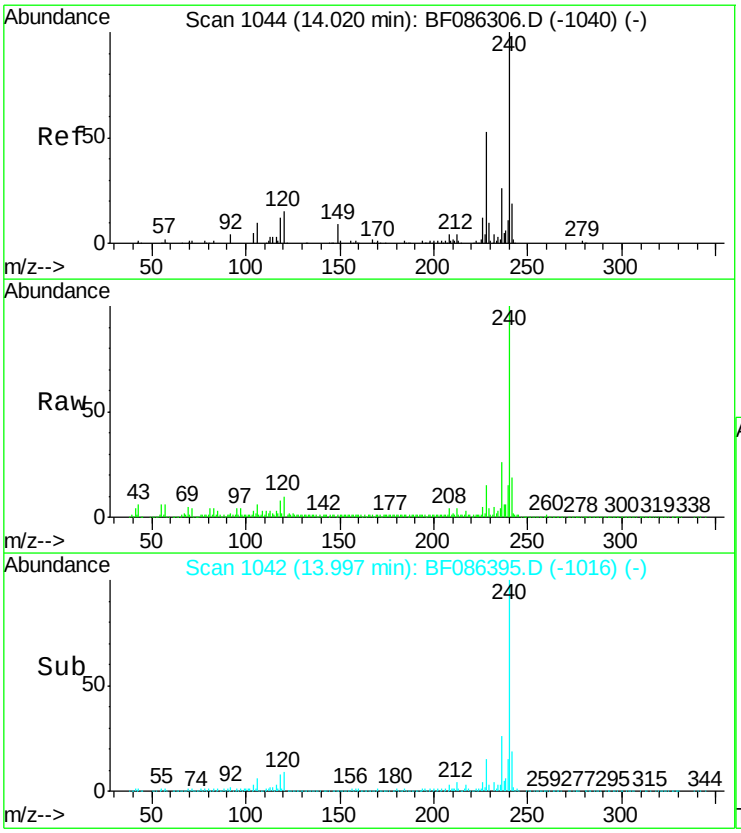
#74
Fluoranthene
Concen: 13.05 ng
RT: 12.57 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Instrument :
BNA_F
ClientSampleId :
WPG-B11(0-4)-C

Tgt Ion:202 Resp: 367822

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	35.4
203	17.5	0.0	38.1

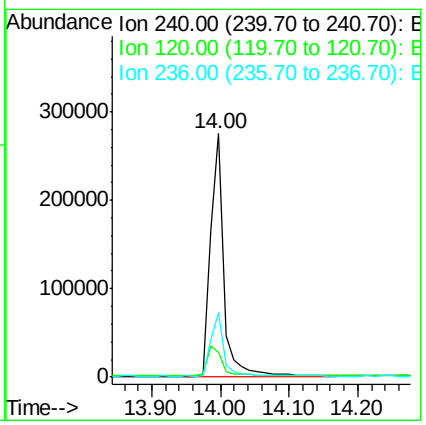


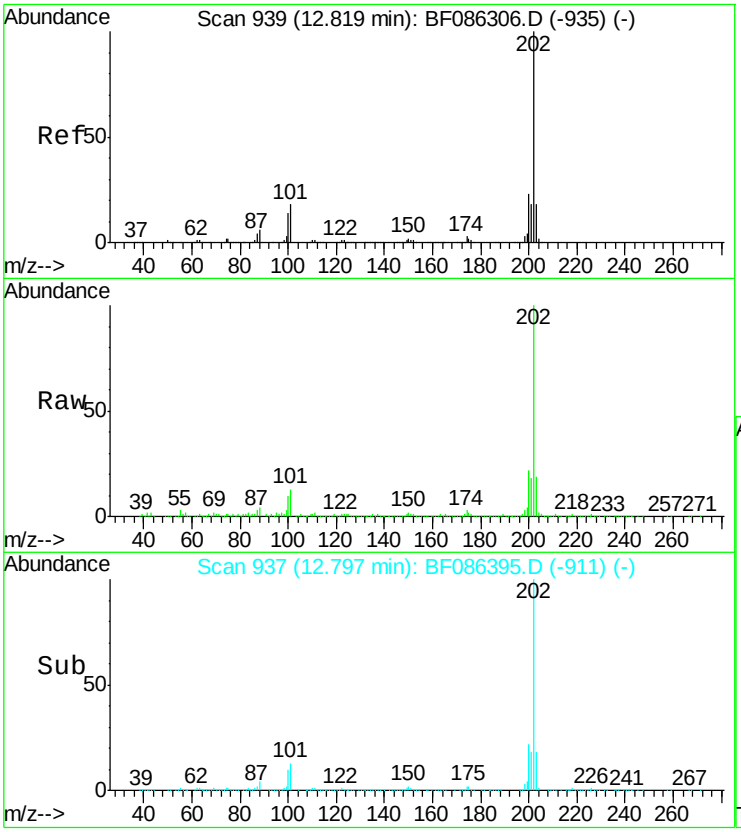


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Tgt Ion:240 Resp: 376644

Ion	Ratio	Lower	Upper
240	100		
120	9.9	11.2	16.8#
236	26.4	21.2	31.8



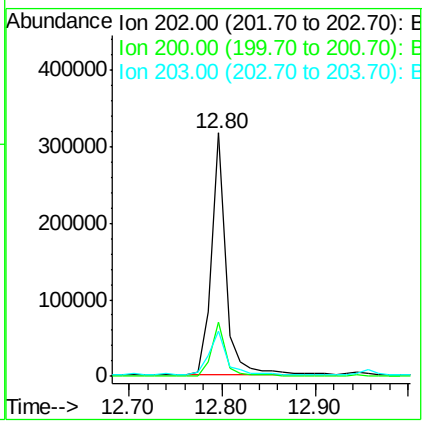


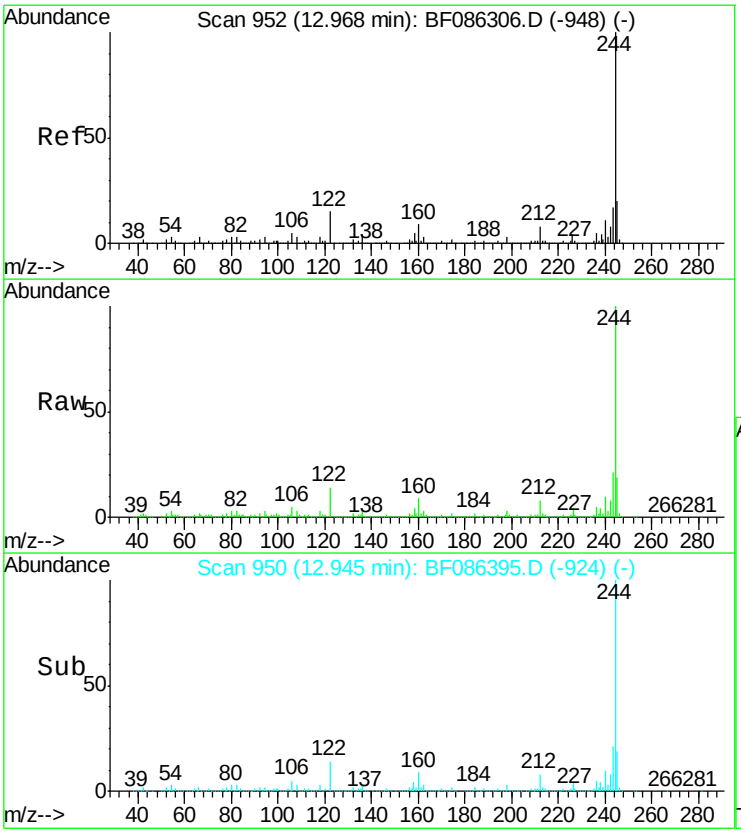
#77
Pyrene
Concen: 13.03 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Instrument :
BNA_F
ClientSampleId :
WPG-B11(0-4)-C

Tgt Ion:202 Resp: 342403

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	18.8	14.2	21.4

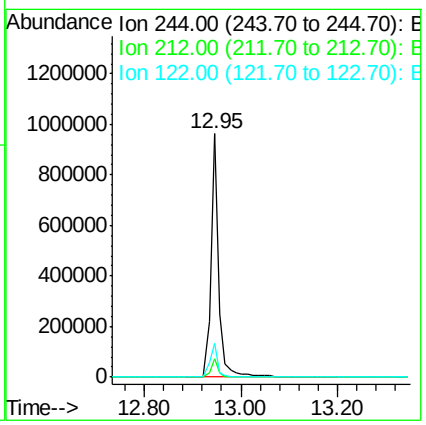


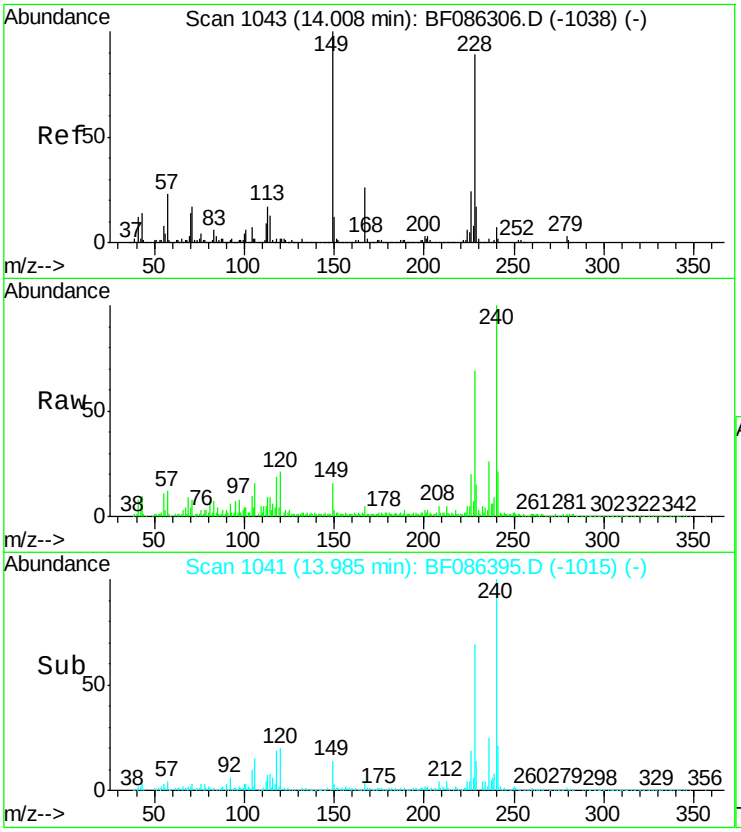


#78
Terphenyl-d14
Concen: 72.69 ng
RT: 12.95 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Tgt Ion:244 Resp: 1101922

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	14.0	12.0	18.0



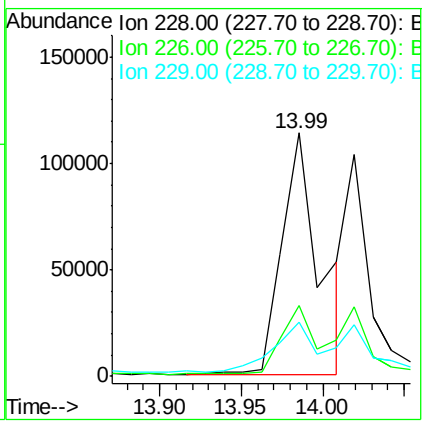


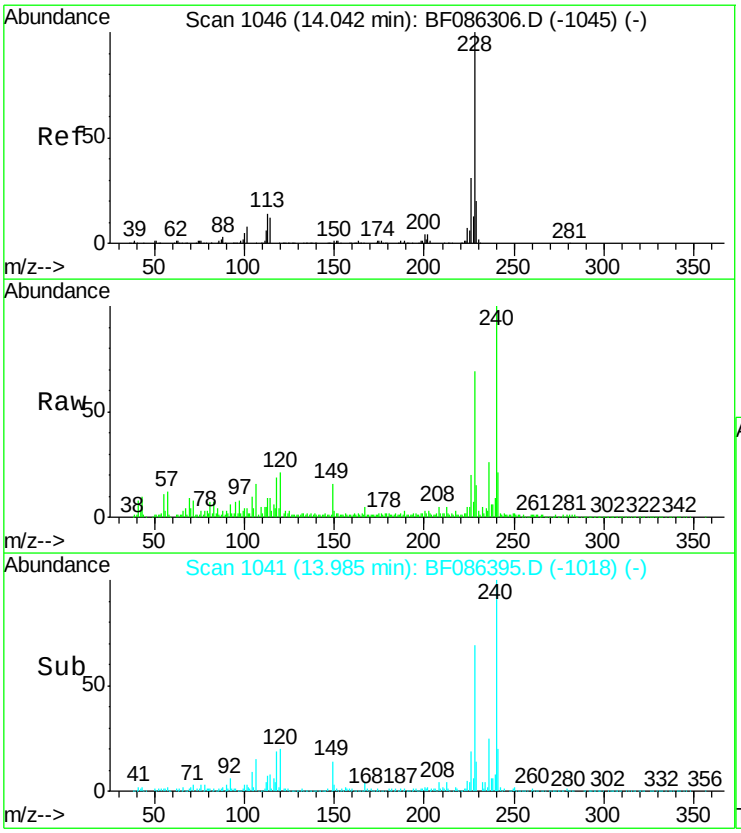
#80
Benzo(a)anthracene
Concen: 9.40 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Instrument :
BNA_F
ClientSampleId :
WPG-B11(0-4)-C

Tgt Ion:228 Resp: 183866

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.5	33.7
229	22.1	16.6	25.0

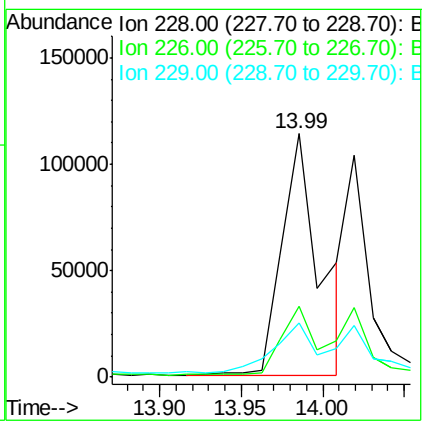


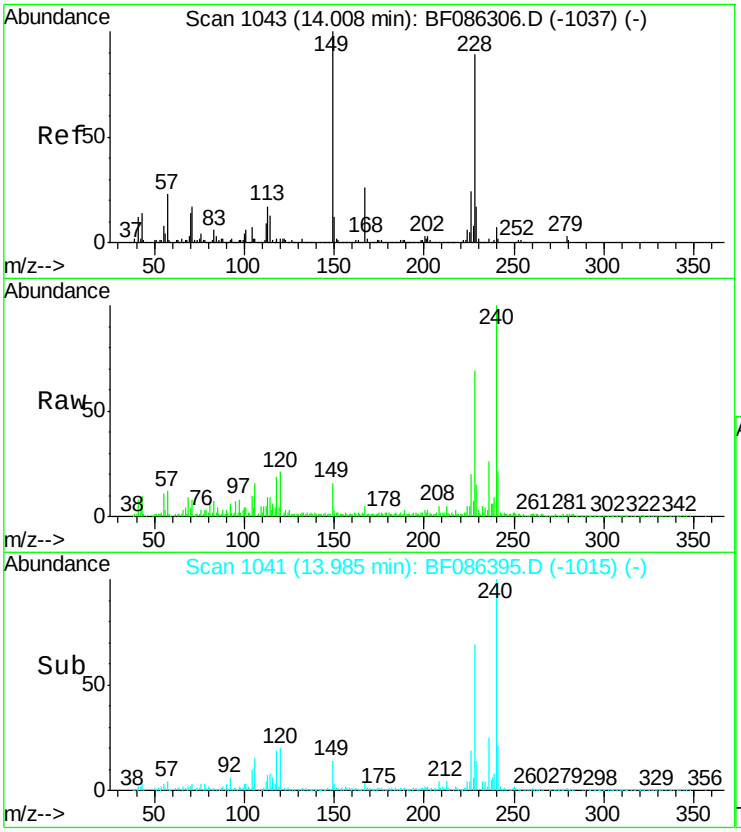


#82
Chrysene
Concen: 8.35 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Tgt Ion:228 Resp: 183866

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.4	36.6
229	22.1	15.8	23.8



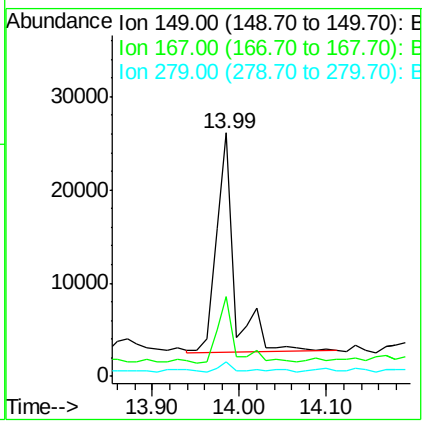


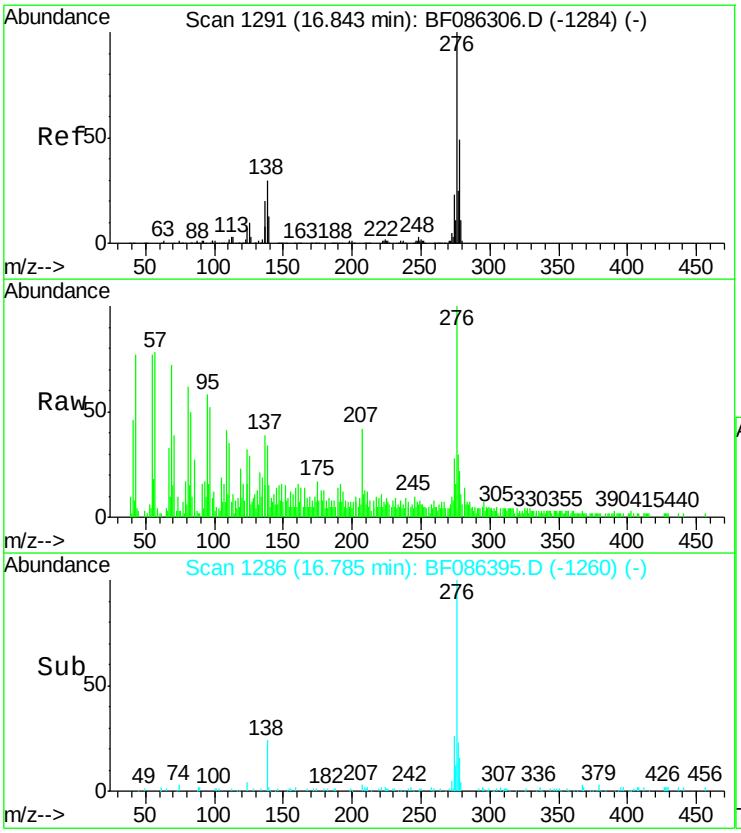
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.52 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Instrument :
BNA_F
ClientSampleId :
WPG-B11(0-4)-C

Tgt Ion:149 Resp: 34589

Ion	Ratio	Lower	Upper
149	100		
167	32.7	21.8	32.6#
279	6.0	2.6	4.0#

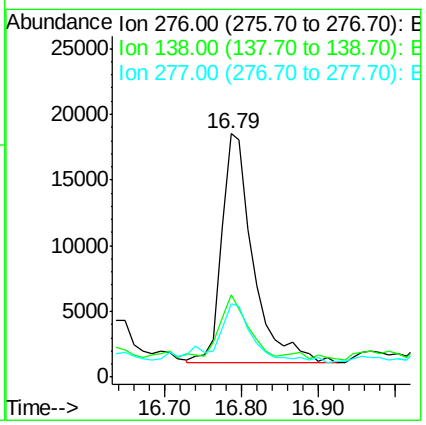


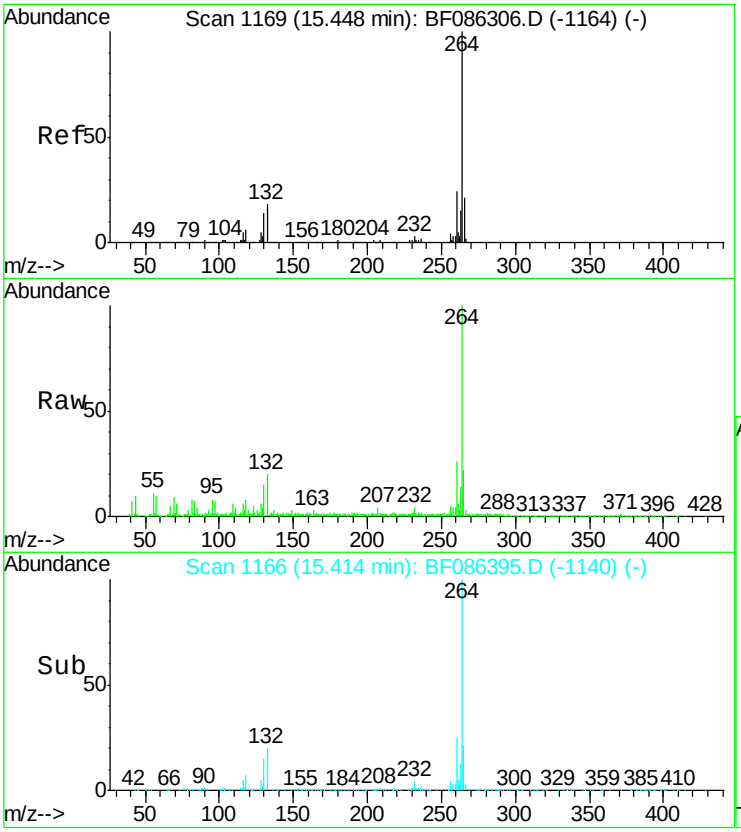


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.56 ng
RT: 16.79 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Tgt Ion:276 Resp: 50057

Ion	Ratio	Lower	Upper
276	100		
138	23.5	25.6	38.4#
277	30.3	20.5	30.7



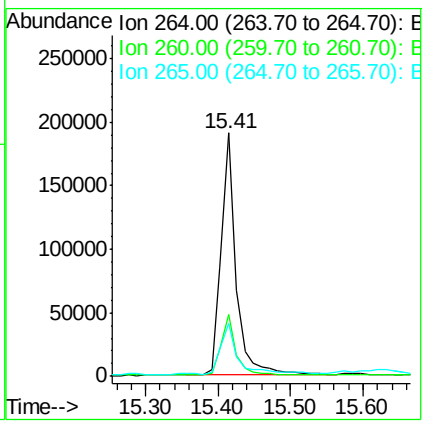


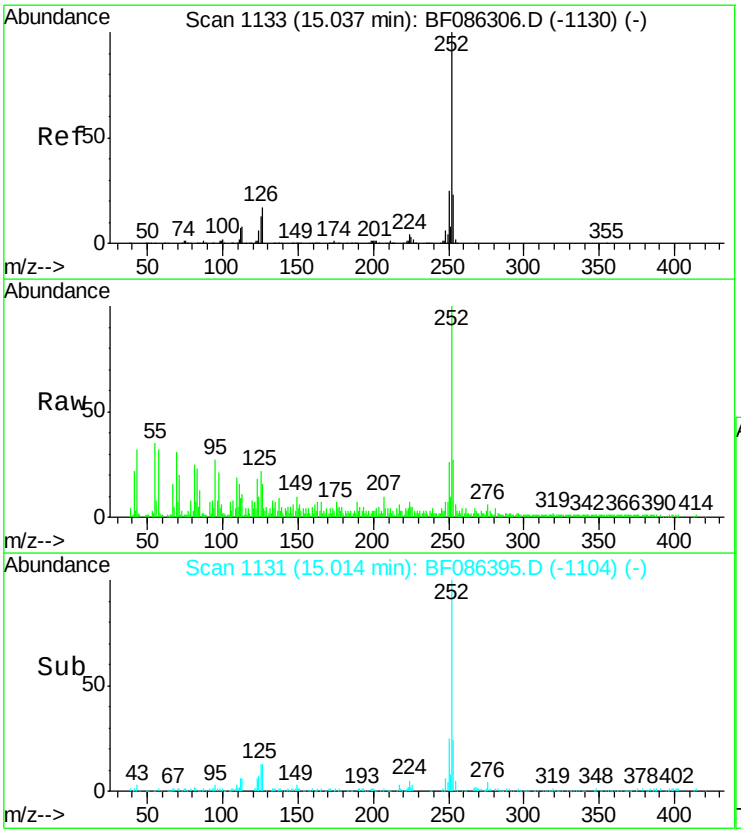
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Instrument :
BNA_F
ClientSampleId :
WPG-B11(0-4)-C

Tgt Ion:264 Resp: 276185

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.5	29.3
265	21.9	17.3	25.9

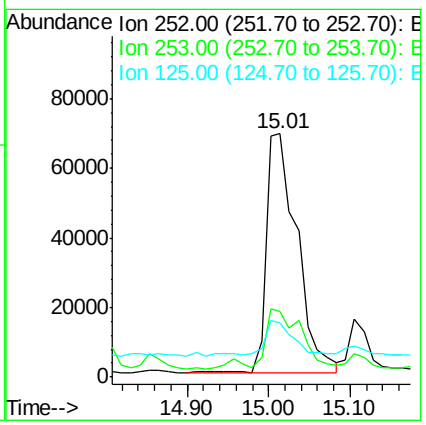


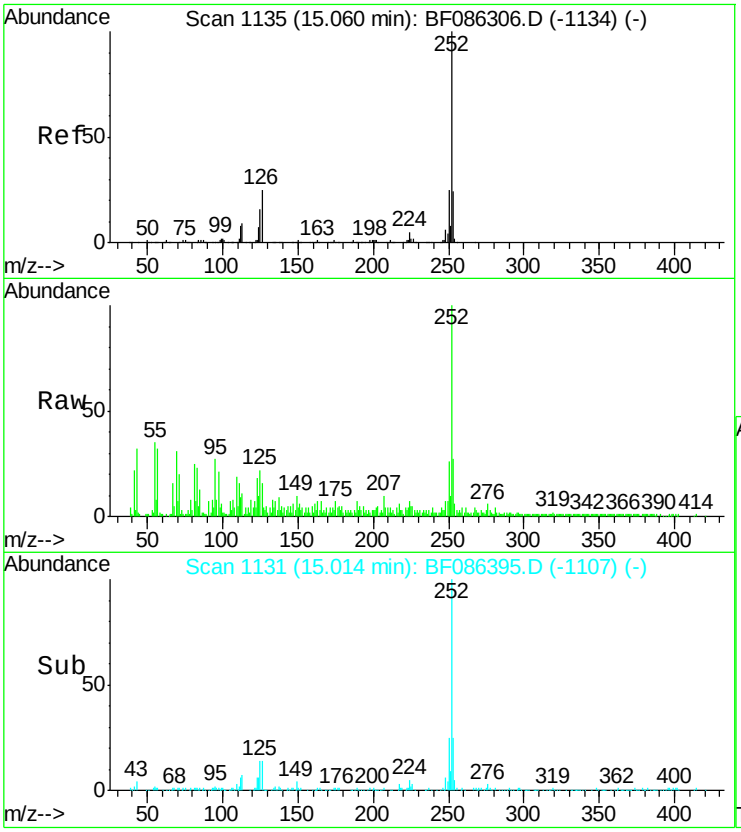


#87
Benzo(b)fluoranthene
Concen: 11.78 ng
RT: 15.01 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Tgt Ion:252 Resp: 178591

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.8	26.6#
125	22.2	11.4	17.0#



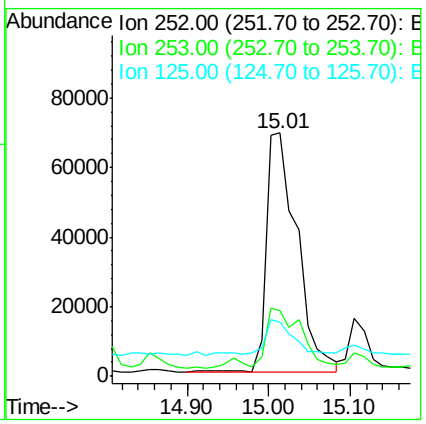


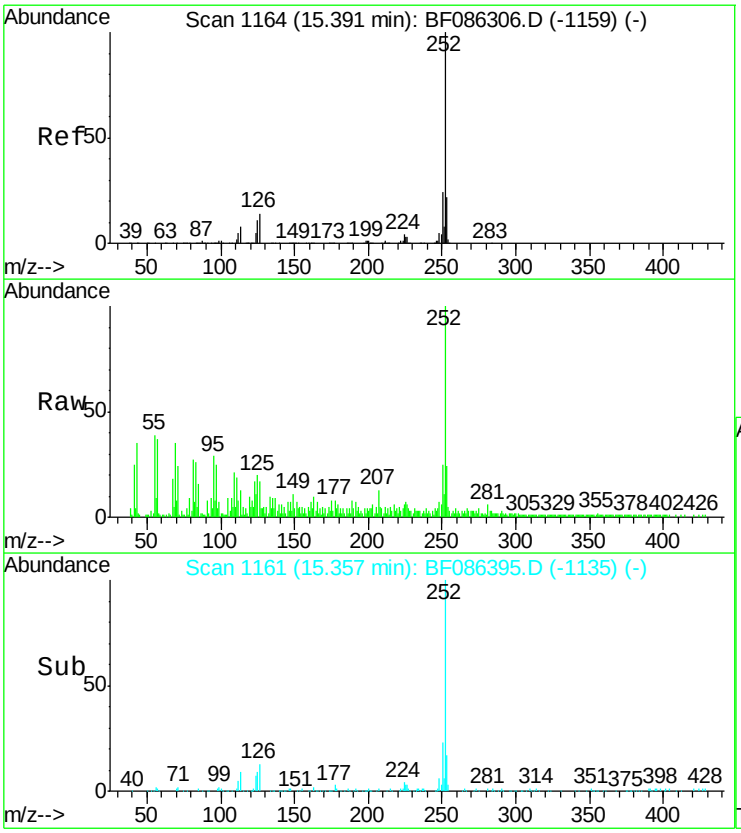
#88
Benzo(k)fluoranthene
Concen: 12.00 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Instrument :
BNA_F
ClientSampleId :
WPG-B11(0-4)-C

Tgt Ion:252 Resp: 178591

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.8	26.6#
125	22.2	9.1	13.7#

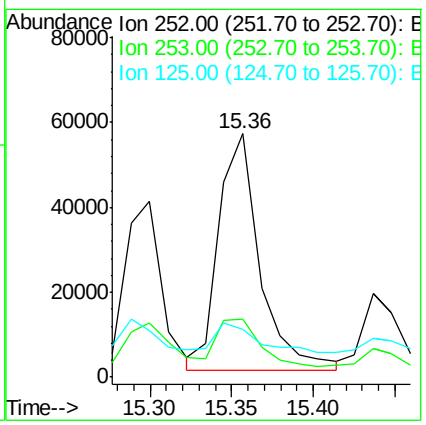


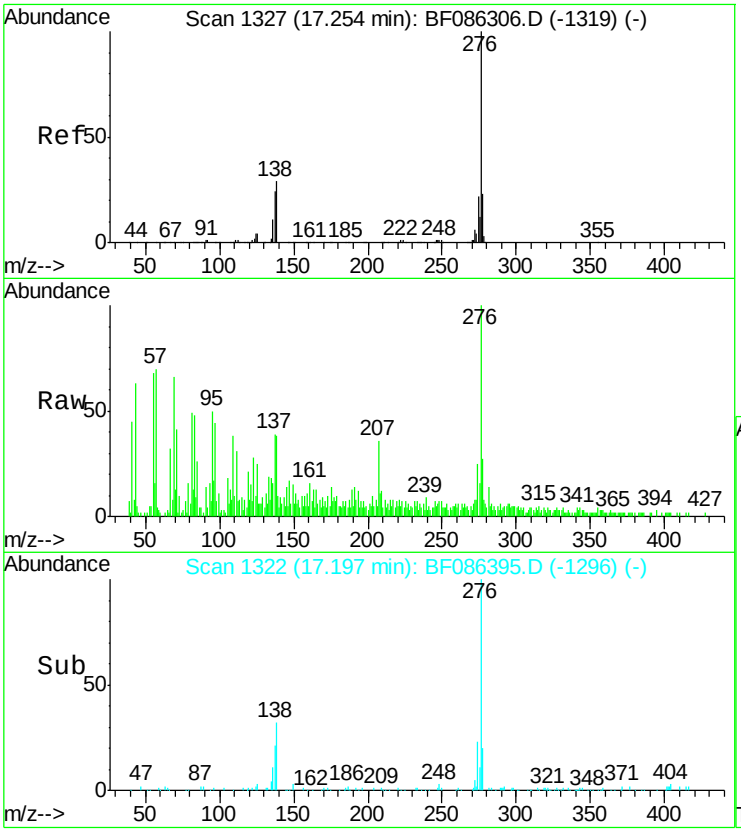


#89
Benzo(a)pyrene
Concen: 6.55 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Tgt Ion:252 Resp: 97920

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	19.8	9.0	13.6#





#91
Benzo(g,h,i)perylene
Concen: 3.76 ng
RT: 17.20 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF086395.D
Acq: 23 Apr 2016 17:29

Instrument :
BNA_F
ClientSampleId :
WPG-B11(0-4)-C

Tgt Ion:276 Resp: 47873

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.6	29.4
138	38.3	23.6	35.4#