Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086402.D
Acq On : 23 Apr 2016 20:52
Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B9(5-9)-C

Quant Time: Apr 25 00:56:39 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	191132	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	749872	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	316356	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	510666	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	380987	20.00	ng		0.00
86) Perylene-d12	15.41	264	266912	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1391423	125.72	ng		0.02
7) Phenol-d6	6.49	99	2035145	135.26	ng		0.01
23) Nitrobenzene-d5	7.41	82	1291942	102.06	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	327906	114.50	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1823090	98.34	ng		0.00
78) Terphenyl-d14	12.95	244	1326910	86.53	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	7.00	79	20862	2.34	ng	#	41
19) n-Nitroso-di-n-propylamine	7.41	70	169080	18.80	ng	#	80
25) Isophorone	7.41	82	1228210	49.51	ng	#	68
49) Dimethylphthalate	9.60	163	306104	13.39	ng		100
66) 4-Bromophenyl-phenylether	10.67	248	21363	4.27	ng	#	1
70) Phenanthrene	11.39	178	288460	11.24	ng		99
71) Anthracene	11.44	178	103934	3.54	ng		99
74) Fluoranthene	12.58	202	462022	16.70	ng		92
77) Pyrene	12.80	202	409051	15.39	ng		99
80) Benzo(a)anthracene	13.99	228	220616	11.15	ng		97
82) Chrysene	14.02	228	159966	7.18	ng		96
85) Indeno(1,2,3-cd)pyrene	16.80	276	73661	3.72	ng		94
87) Benzo(b)fluoranthene	15.01	252	242707	16.57	ng		97
88) Benzo(k)fluoranthene	15.01	252	242707	16.88	ng	#	94
89) Benzo(a)pyrene	15.36	252	131065	9.07	ng	#	91
91) Benzo(g,h,i)perylene	17.21	276	71579	5.82	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086402.D
Acq On : 23 Apr 2016 20:52
Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG-B9(5-9)-C

Quant Time: Apr 25 00:56:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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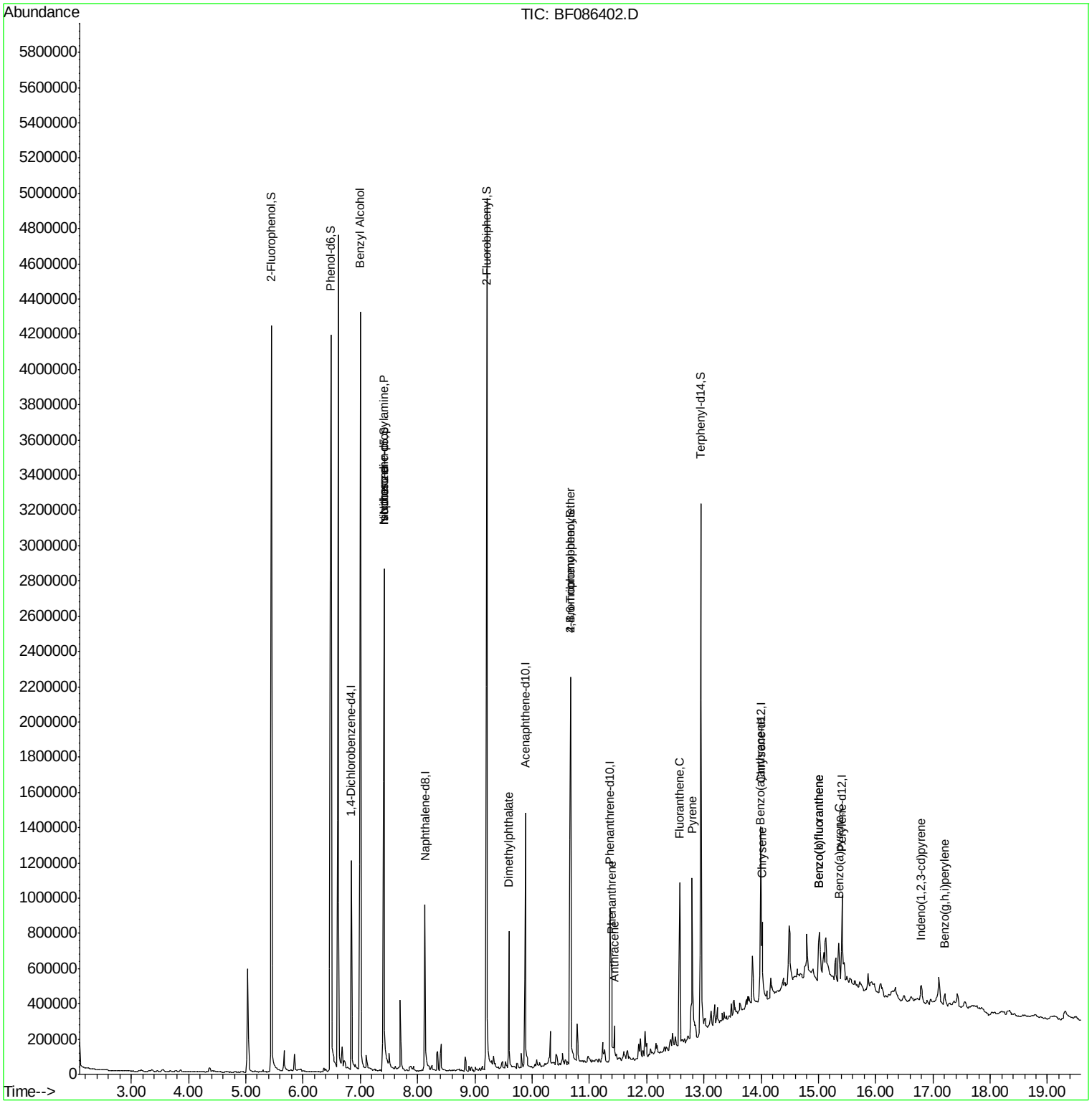
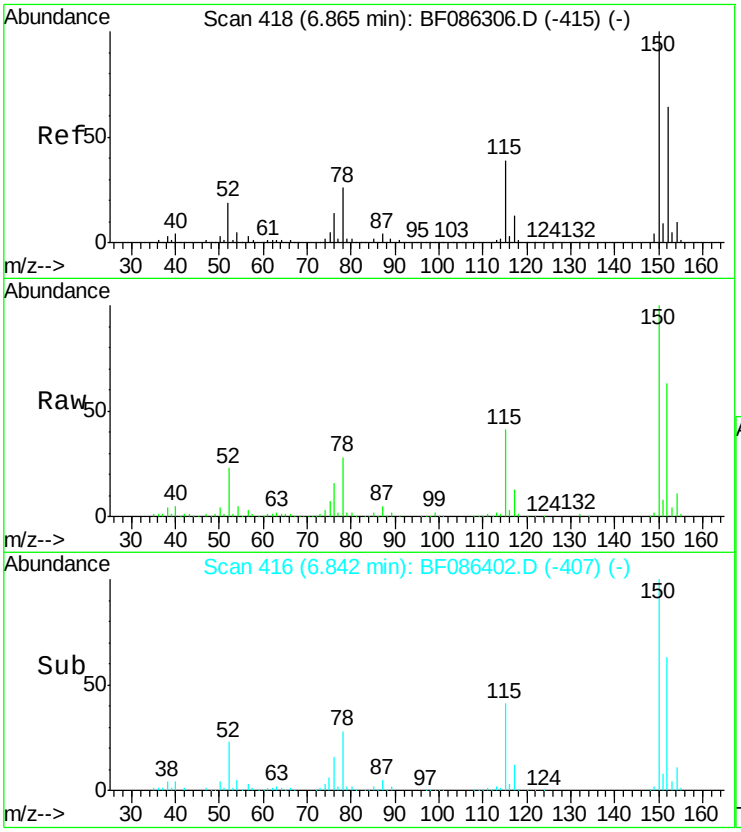


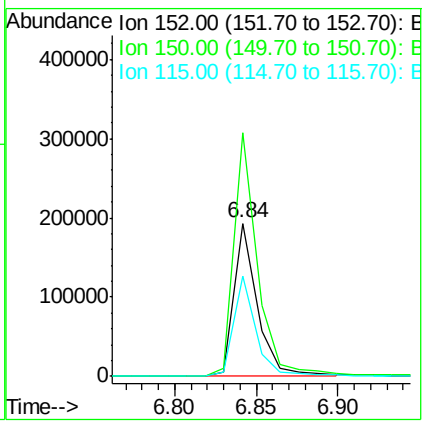


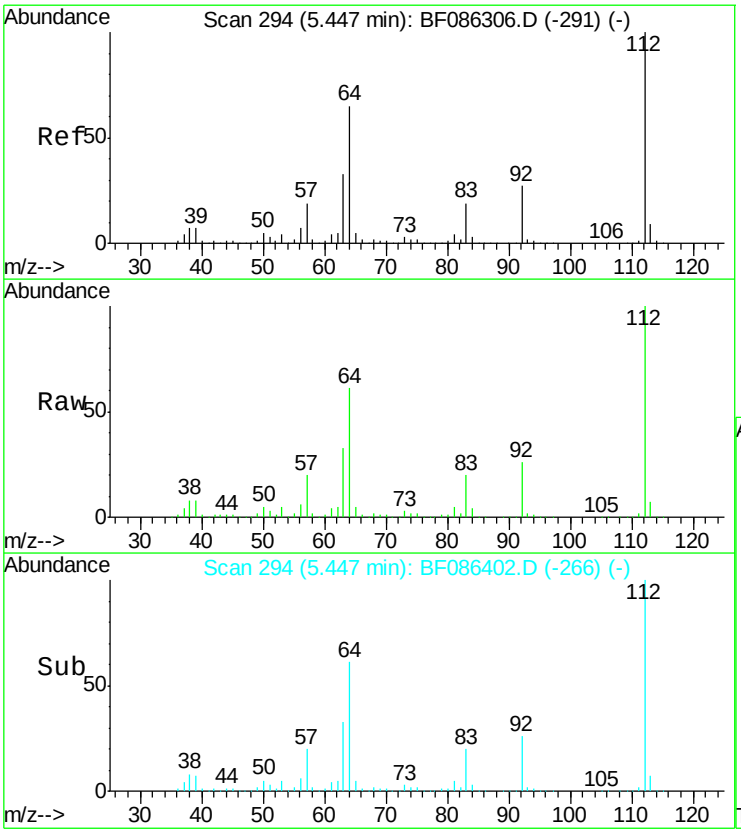
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Instrument :
BNA_F
ClientSampleId :
WPG-B9(5-9)-C

Tgt Ion:152 Resp: 191132

Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.8	188.6
115	65.6	51.5	77.3

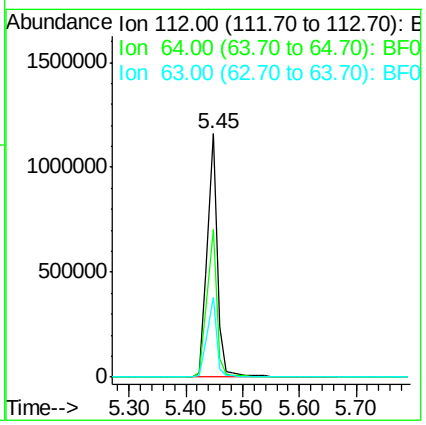


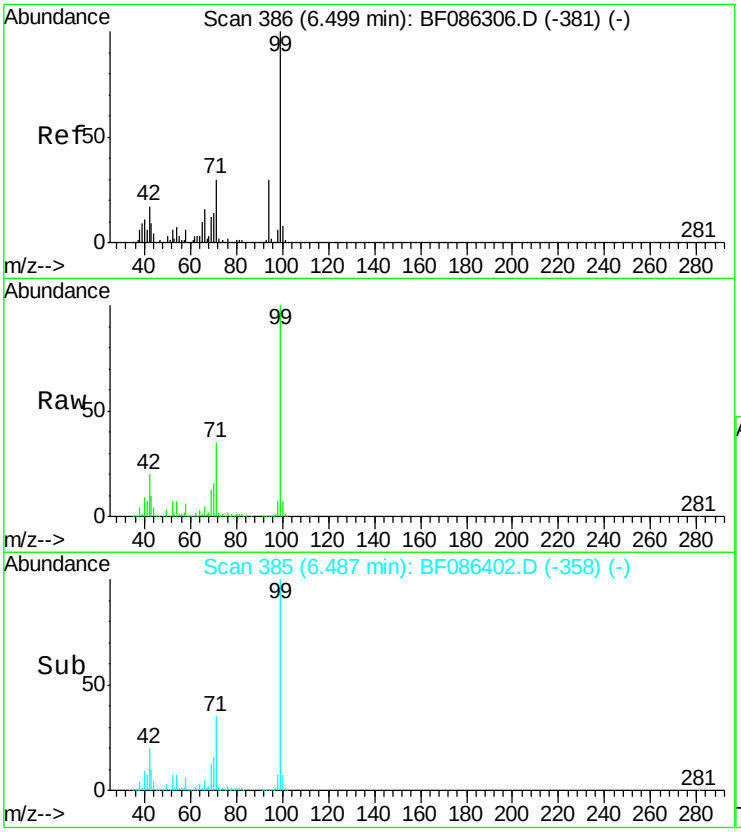


#5
2-Fluorophenol
Concen: 125.72 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Tgt Ion:112 Resp: 1391423

Ion	Ratio	Lower	Upper
112	100		
64	60.8	52.1	78.1
63	32.8	25.7	38.5



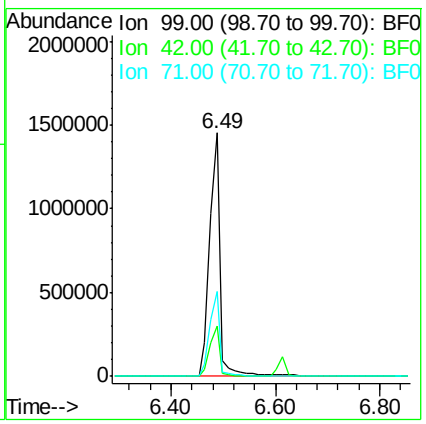


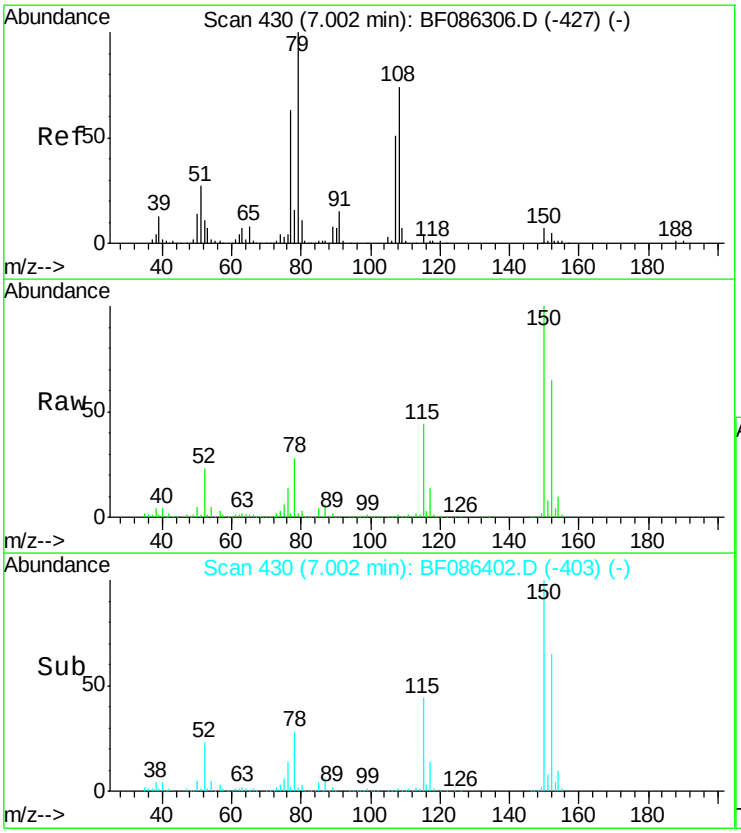
#7
Phenol-d6
Concen: 135.26 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Instrument :
BNA_F
ClientSampleId :
WPG-B9(5-9)-C

Tgt Ion: 99 Resp: 2035145

Ion	Ratio	Lower	Upper
99	100		
42	20.4	13.6	20.4#
71	35.0	24.6	36.8

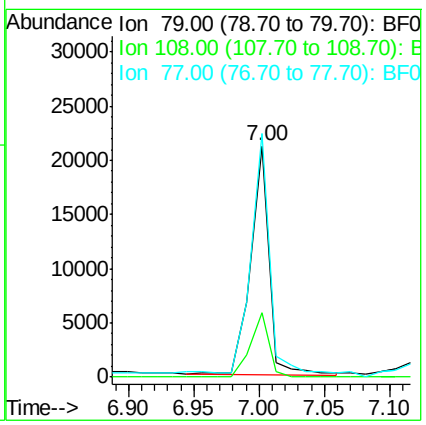


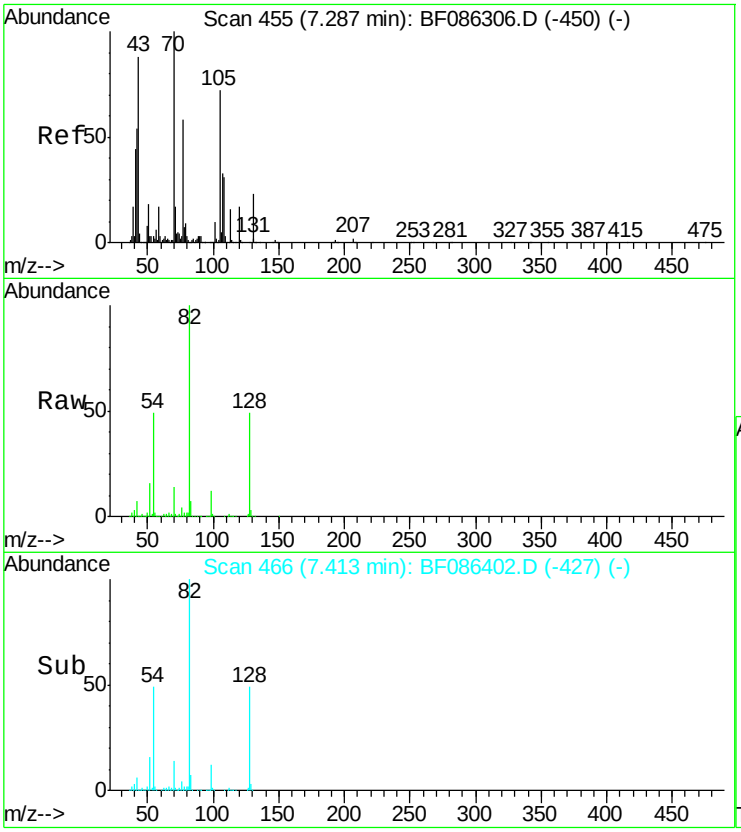


#15
Benzyl Alcohol
Concen: 2.34 ng
RT: 7.00 min Scan# 430
Delta R.T. 0.01 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Tgt Ion: 79 Resp: 20862

Ion	Ratio	Lower	Upper
79	100		
108	27.9	68.4	102.6#
77	105.2	50.6	76.0#



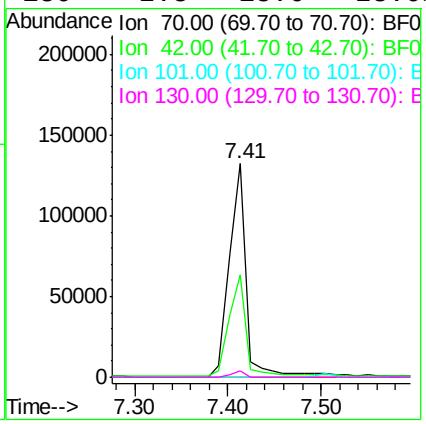


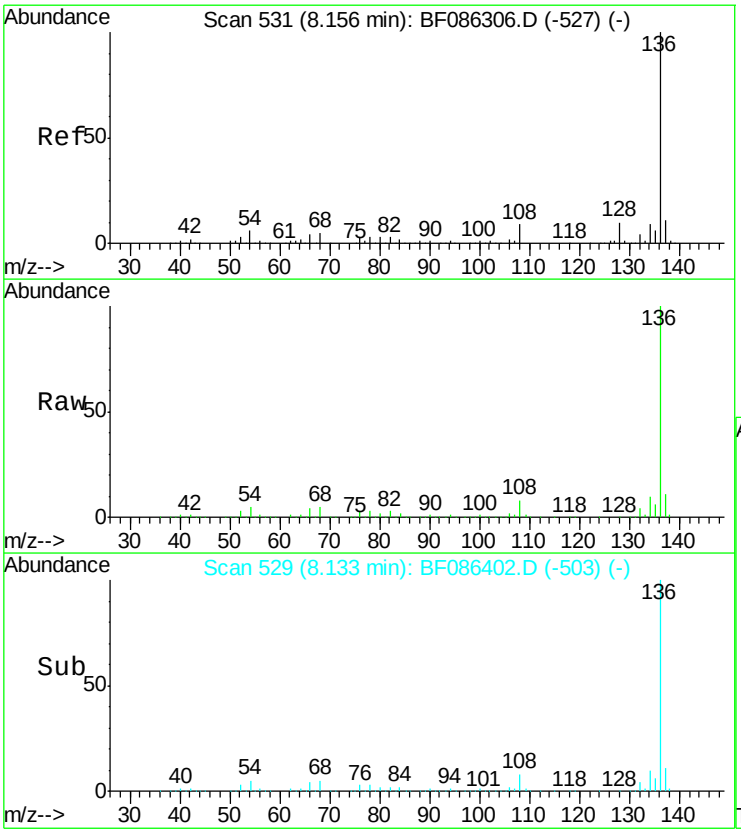
#19
n-Nitroso-di-n-propylamine
Concen: 18.80 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Instrument :
BNA_F
ClientSampleId :
WPG-B9(5-9)-C

Tgt Ion: 70 Resp: 169080

Ion	Ratio	Lower	Upper
70	100		
42	47.8	43.1	64.7
101	0.0	8.1	12.1#
130	2.8	18.6	28.0#

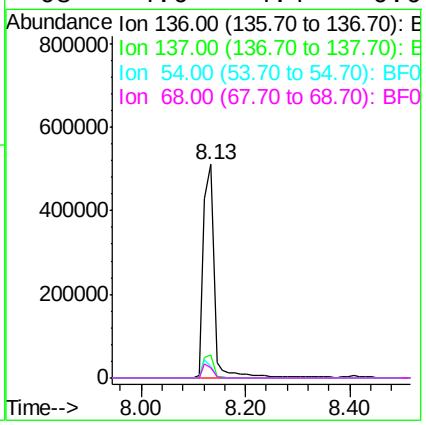


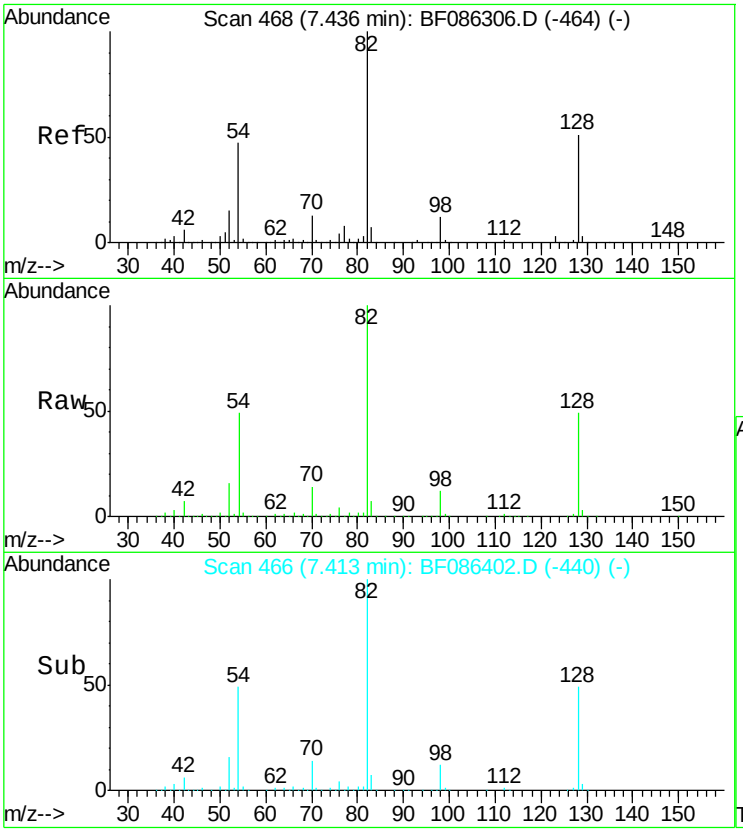


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Tgt Ion:136 Resp: 749872

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	5.3	5.0	7.4
68	4.6	4.4	6.6



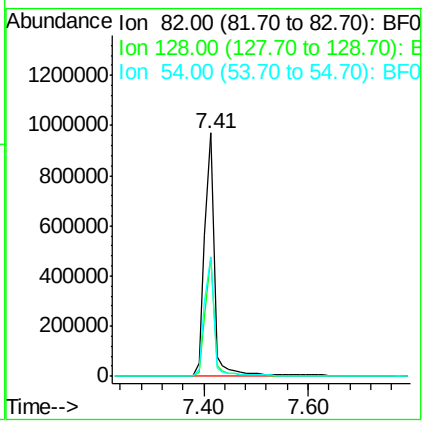


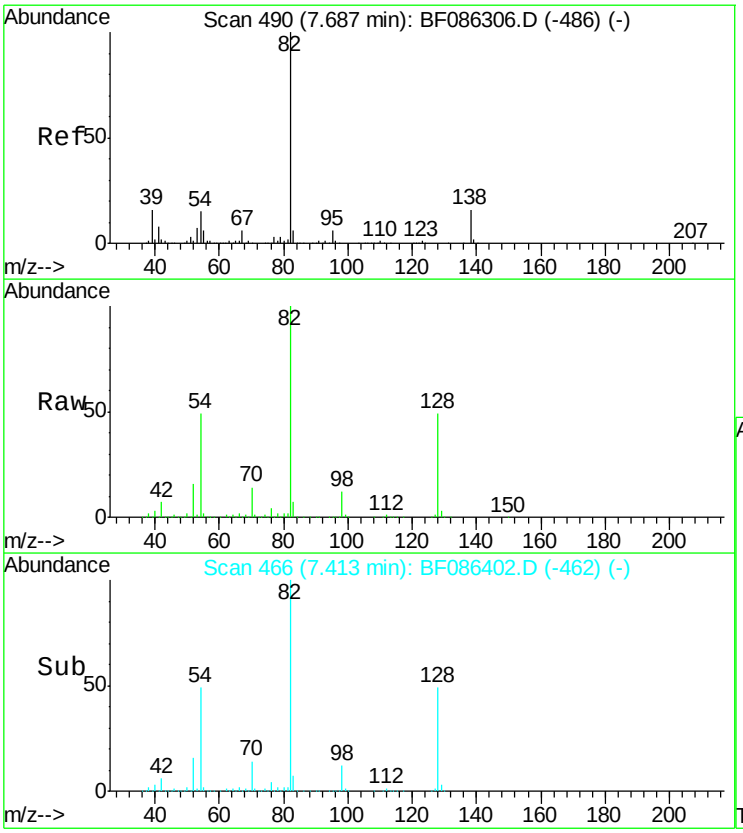
#23
Nitrobenzene-d5
Concen: 102.06 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Instrument :
BNA_F
ClientSampleId :
WPG-B9(5-9)-C

Tgt Ion: 82 Resp: 1291942

Ion	Ratio	Lower	Upper
82	100		
128	48.9	40.6	61.0
54	49.0	38.1	57.1

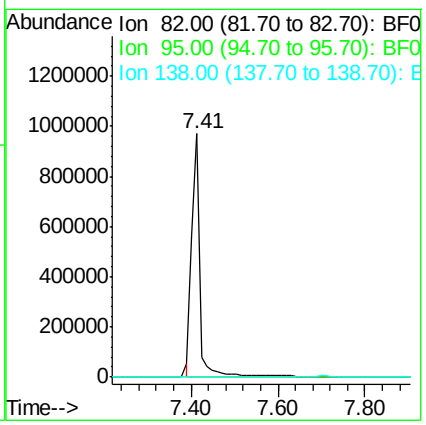


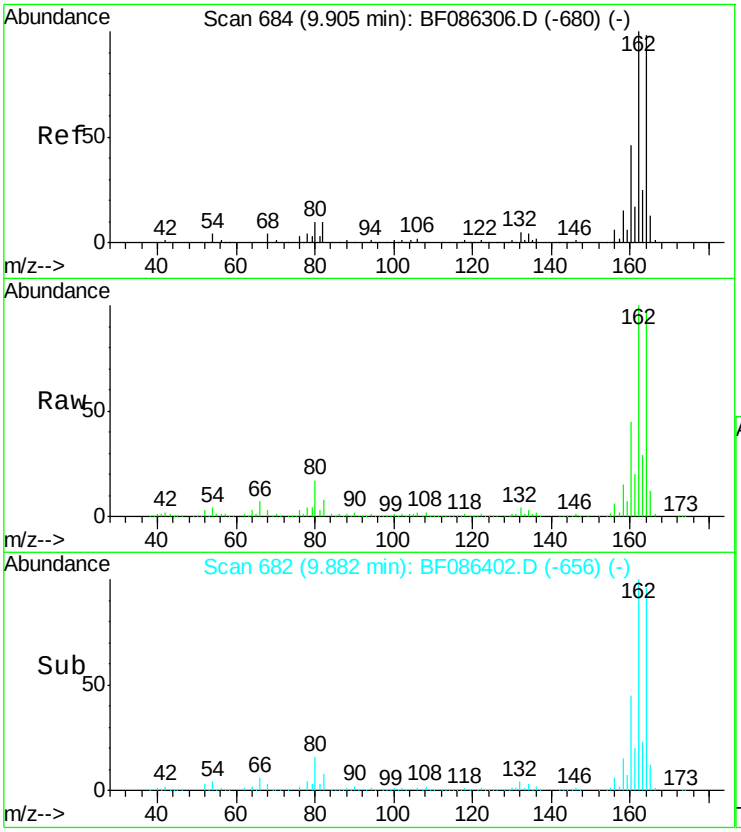


#25
Isophorone
Concen: 49.51 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.25 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Tgt Ion: 82 Resp: 1228210

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



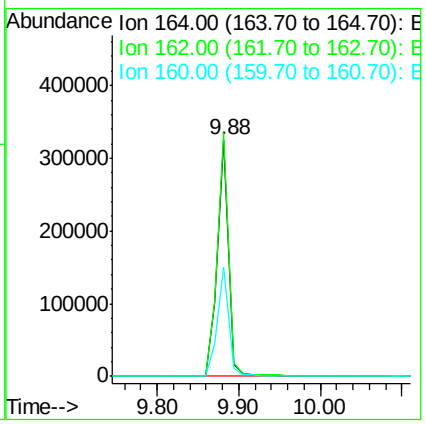


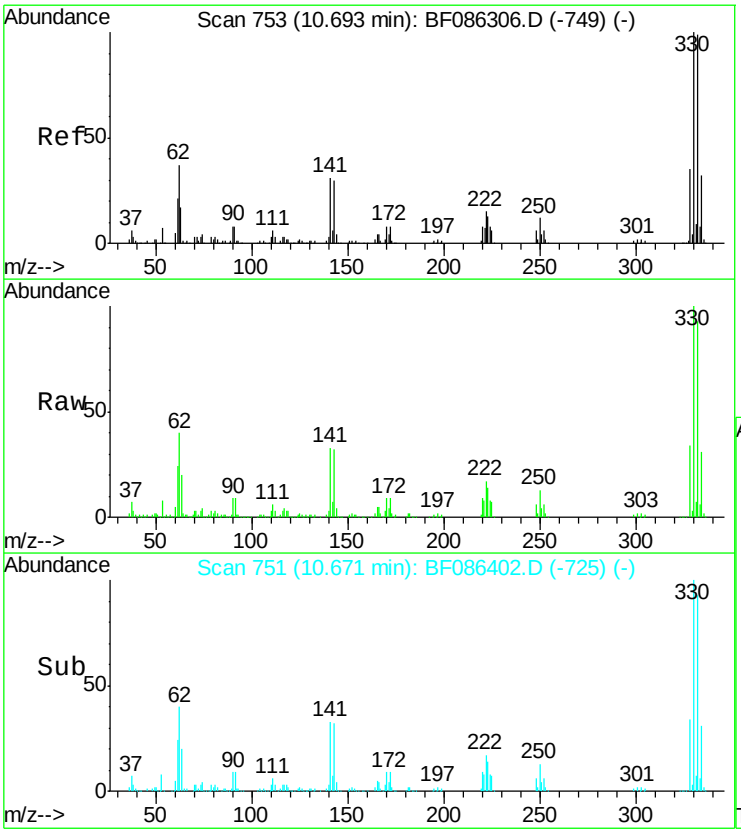
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Instrument :
BNA_F
ClientSampleId :
WPG-B9(5-9)-C

Tgt Ion:164 Resp: 316356

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.8	124.2
160	46.4	36.9	55.3

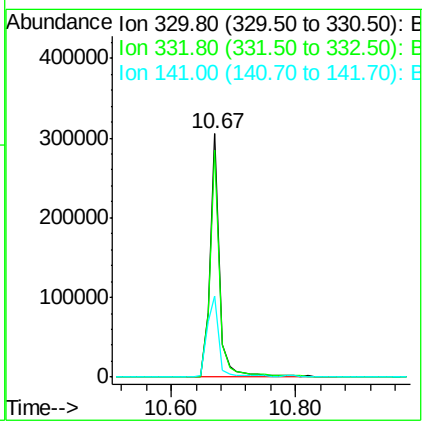


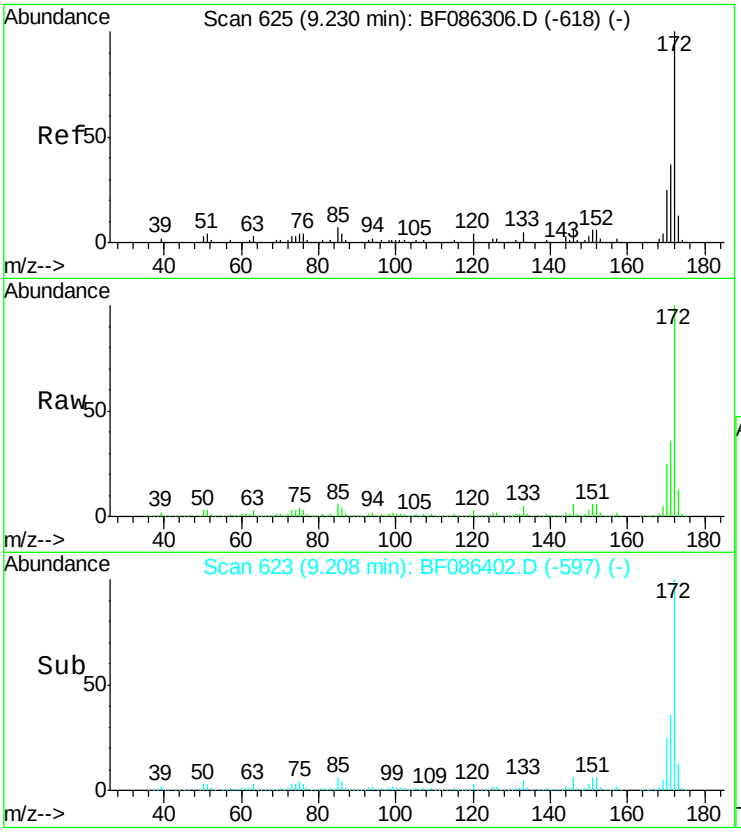


#41
2,4,6-Tribromophenol
Concen: 114.50 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Tgt Ion:330 Resp: 327906

Ion	Ratio	Lower	Upper
330	100		
332	95.5	79.0	118.4
141	41.2	31.2	46.8



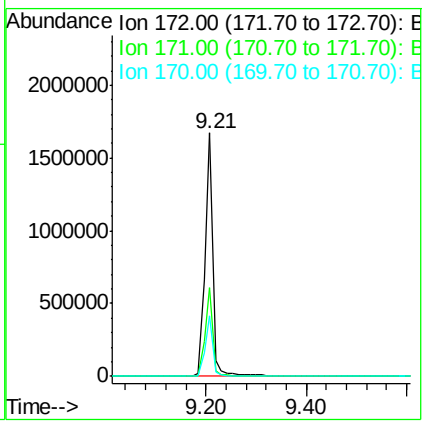


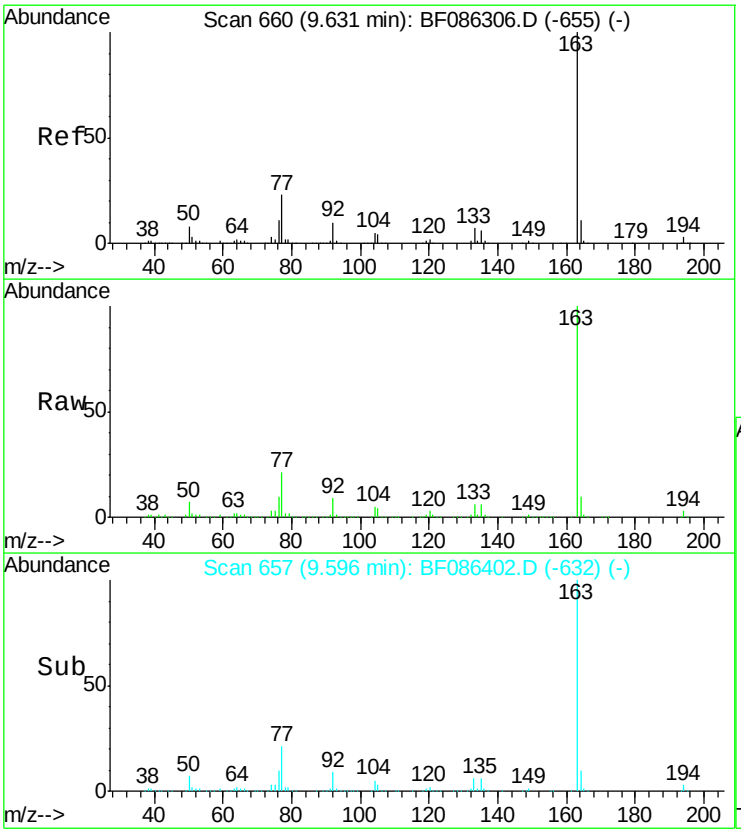
#44
2-Fluorobiphenyl
Concen: 98.34 ng
RT: 9.21 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Instrument :
BNA_F
ClientSampleId :
WPG-B9(5-9)-C

Tgt Ion:172 Resp: 1823090

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.7	19.8	29.8

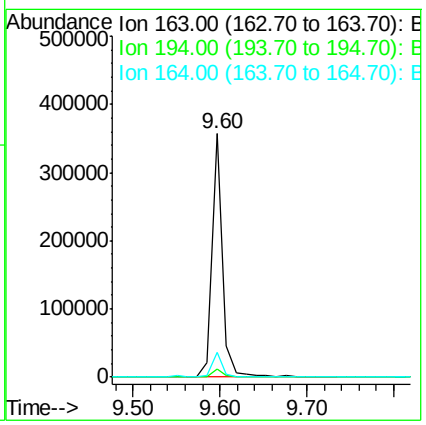


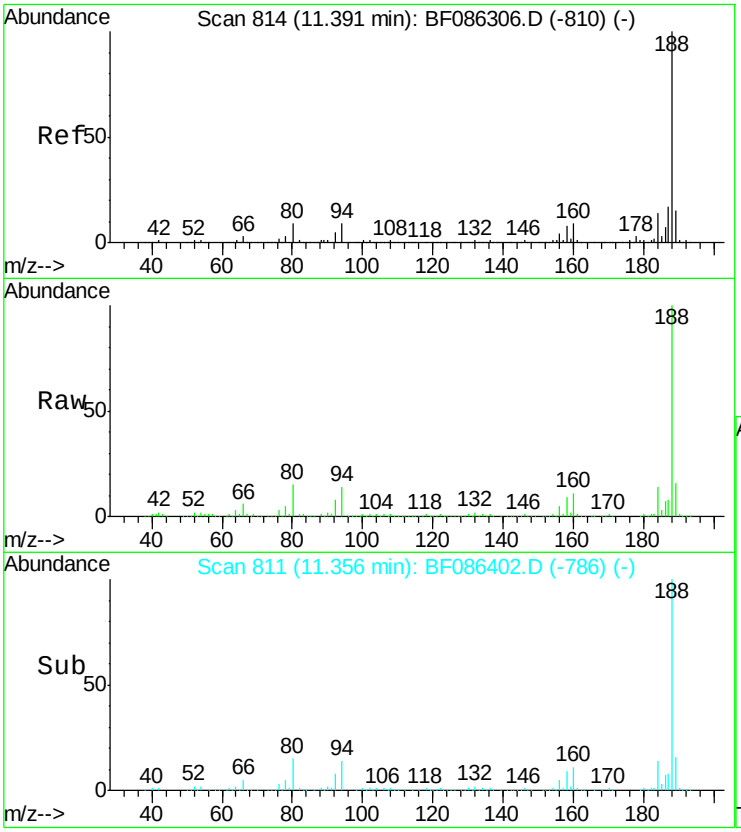


#49
Dimethylphthalate
Concen: 13.39 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Tgt Ion:163 Resp: 306104

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.3	8.2	12.4



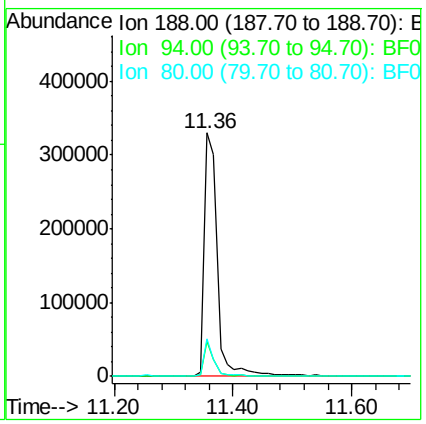


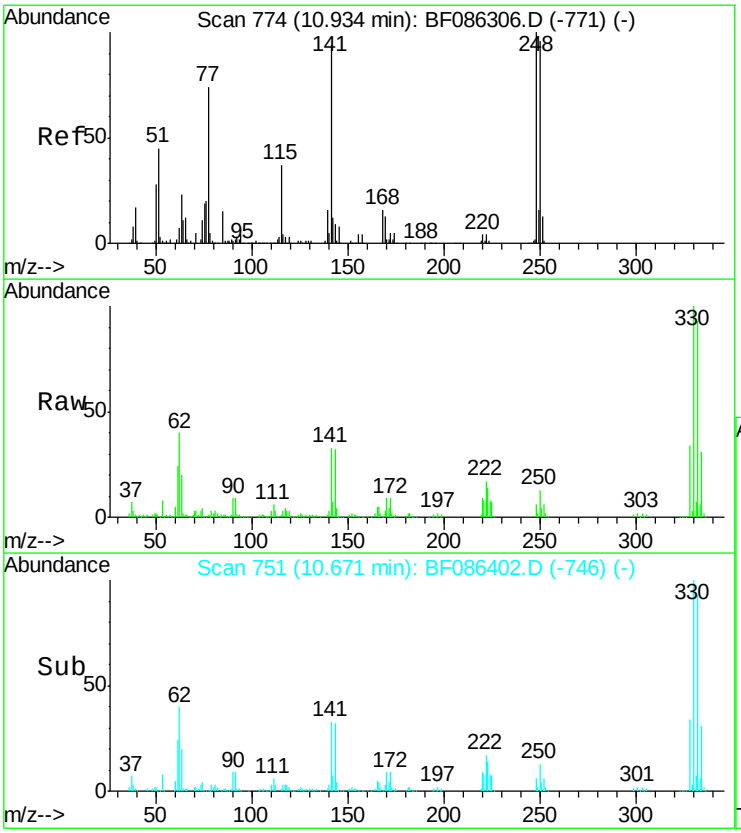
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Instrument :
BNA_F
ClientSampleId :
WPG-B9(5-9)-C

Tgt Ion:188 Resp: 510666

Ion	Ratio	Lower	Upper
188	100		
94	14.1	6.8	10.2#
80	15.3	7.1	10.7#

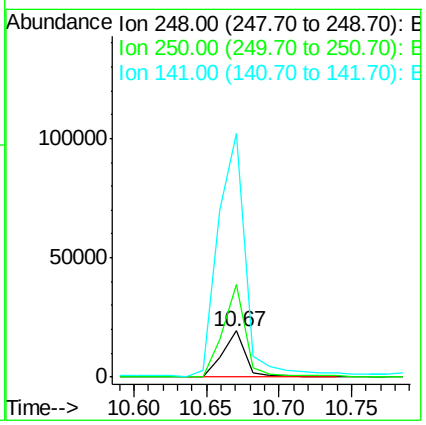


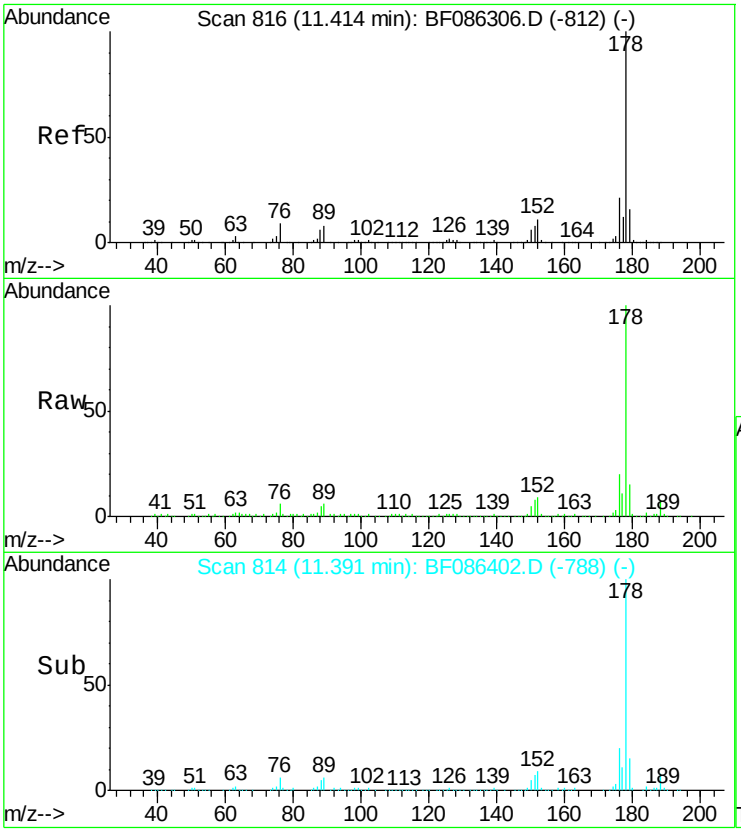


#66
4-Bromophenyl-phenylether
Concen: 4.27 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.24 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Tgt Ion:248 Resp: 21363

Ion	Ratio	Lower	Upper
248	100		
250	198.6	78.6	117.8#
141	524.1	76.0	114.0#



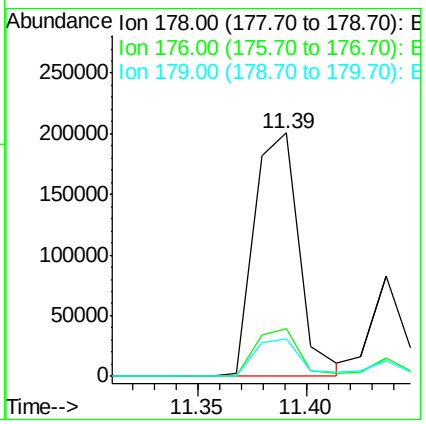


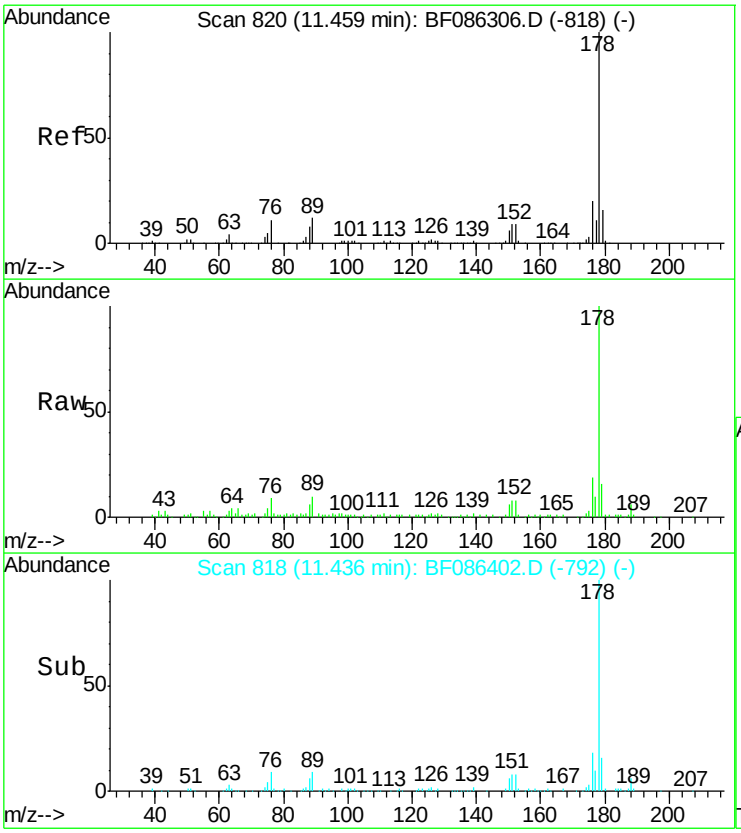
#70
Phenanthrene
Concen: 11.24 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Instrument :
BNA_F
ClientSampleId :
WPG-B9(5-9)-C

Tgt Ion:178 Resp: 288460

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	15.2	12.6	18.8

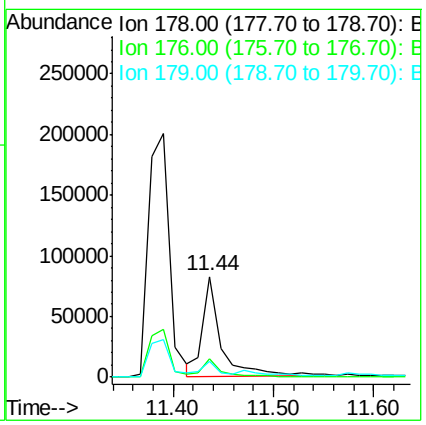


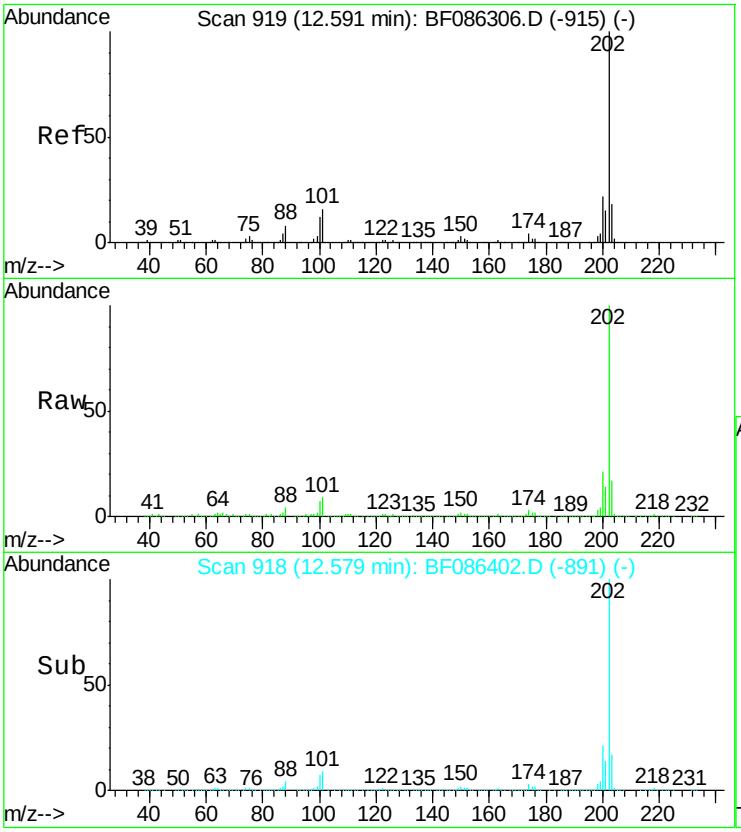


#71
Anthracene
Concen: 3.54 ng
RT: 11.44 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Tgt Ion:178 Resp: 103934

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	16.0	12.7	19.1



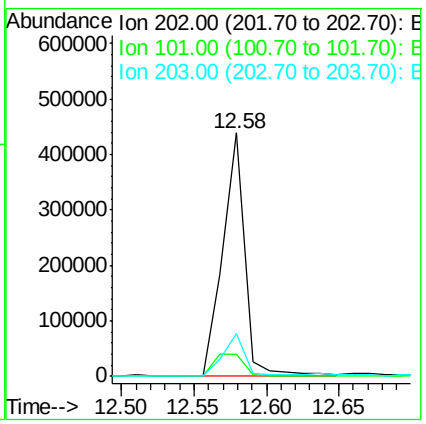


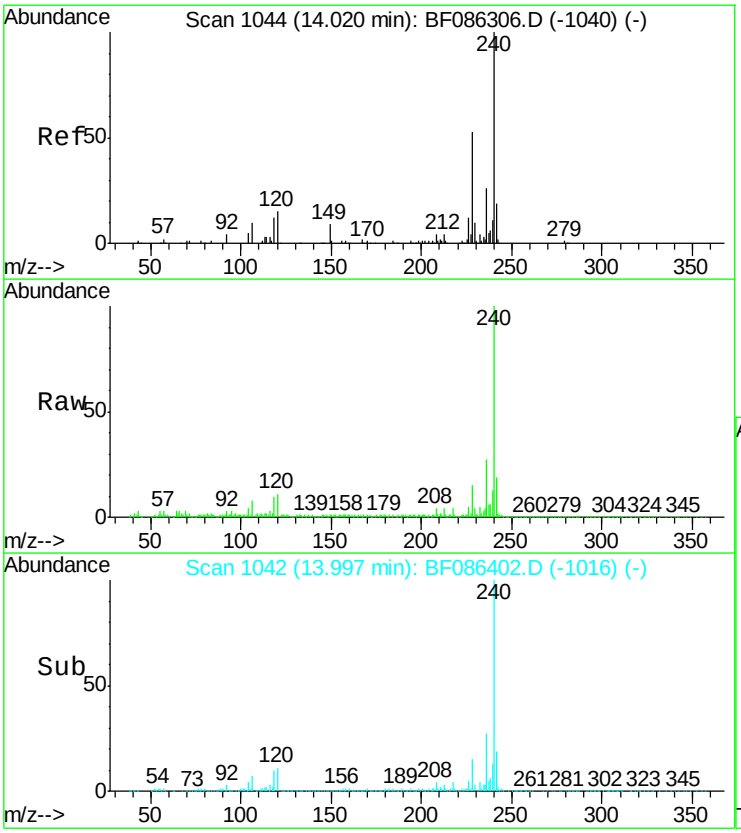
#74
Fluoranthene
Concen: 16.70 ng
RT: 12.58 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Instrument :
BNA_F
ClientSampleId :
WPG-B9(5-9)-C

Tgt Ion:202 Resp: 462022

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	35.4
203	17.4	0.0	38.1

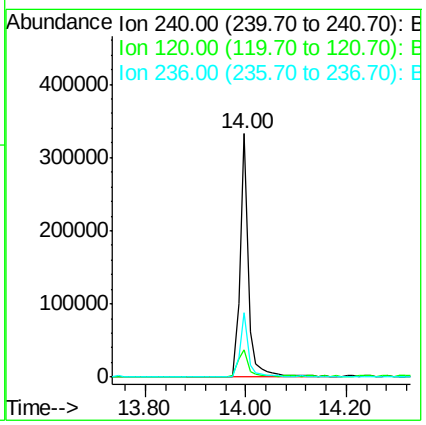


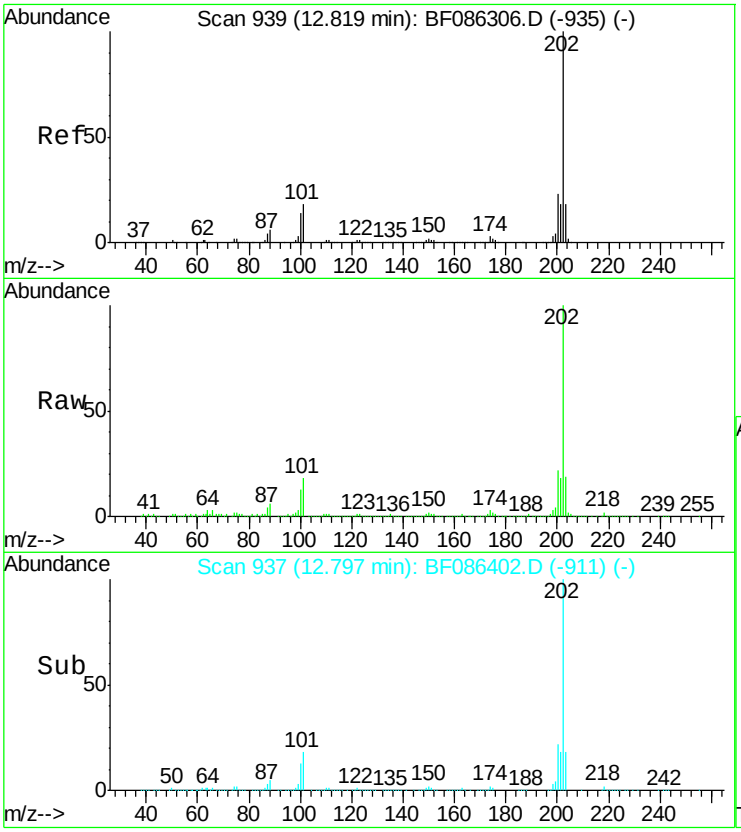


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Tgt Ion:240 Resp: 380987

Ion	Ratio	Lower	Upper
240	100		
120	11.3	11.2	16.8
236	26.7	21.2	31.8



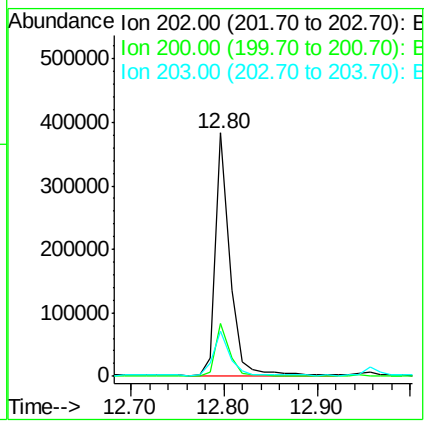


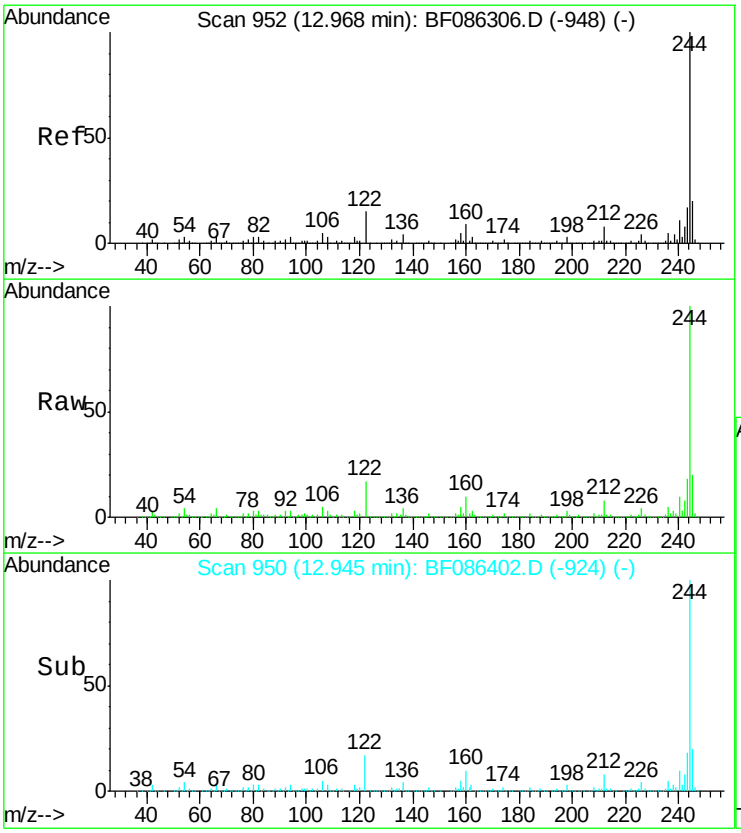
#77
Pyrene
Concen: 15.39 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Instrument :
BNA_F
ClientSampleId :
WPG-B9(5-9)-C

Tgt Ion:202 Resp: 409051

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.6	14.2	21.4

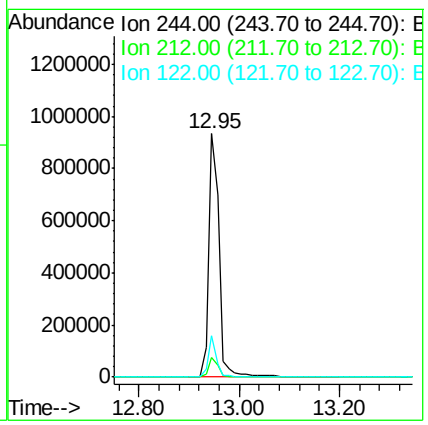


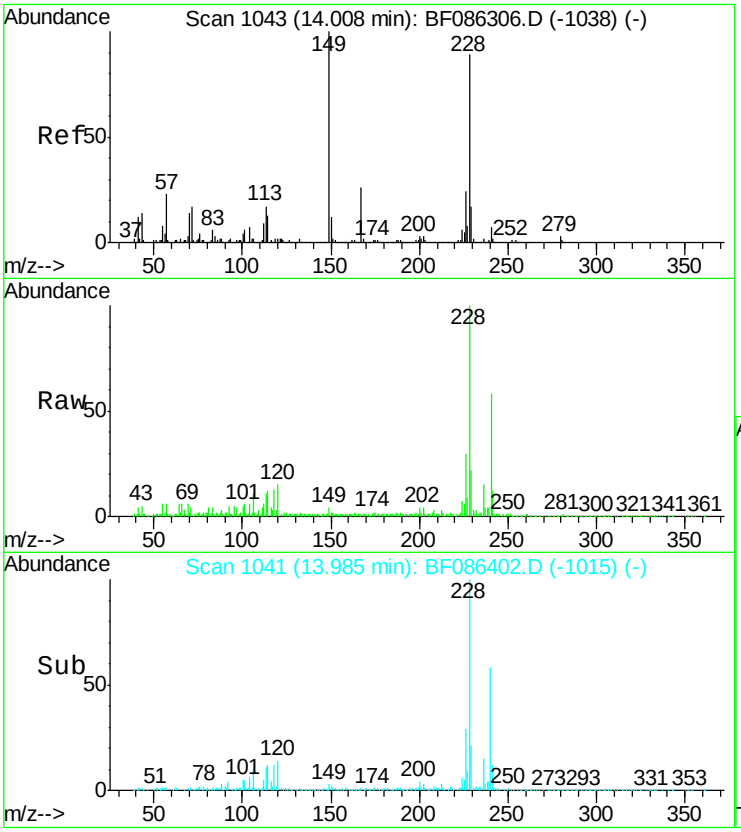


#78
Terphenyl-d14
Concen: 86.53 ng
RT: 12.95 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Tgt Ion:244 Resp: 1326910

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	16.8	12.0	18.0



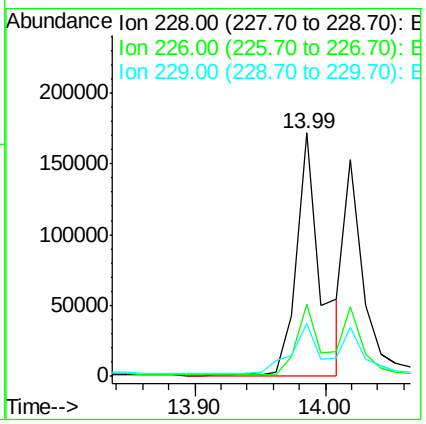


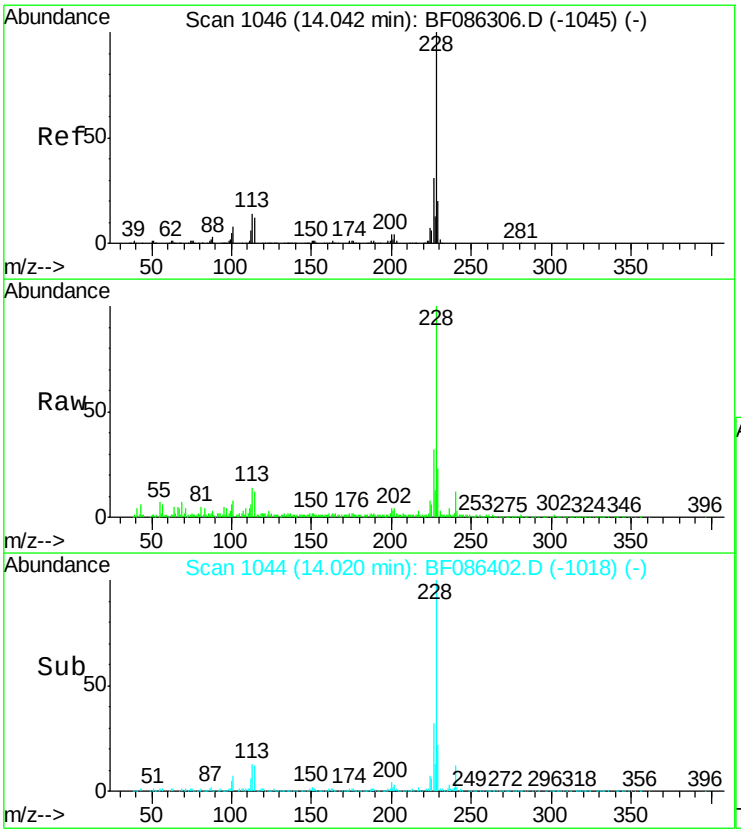
#80
Benzo(a)anthracene
Concen: 11.15 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Instrument :
BNA_F
ClientSampleId :
WPG-B9(5-9)-C

Tgt Ion:228 Resp: 220616

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.5	33.7
229	21.8	16.6	25.0

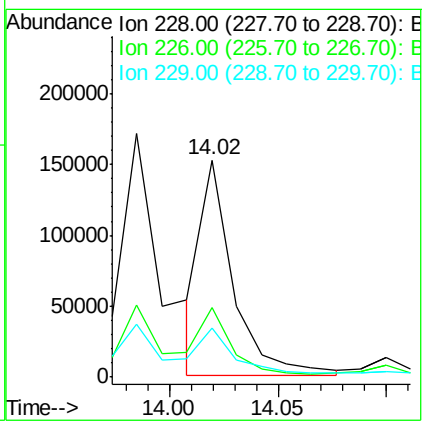


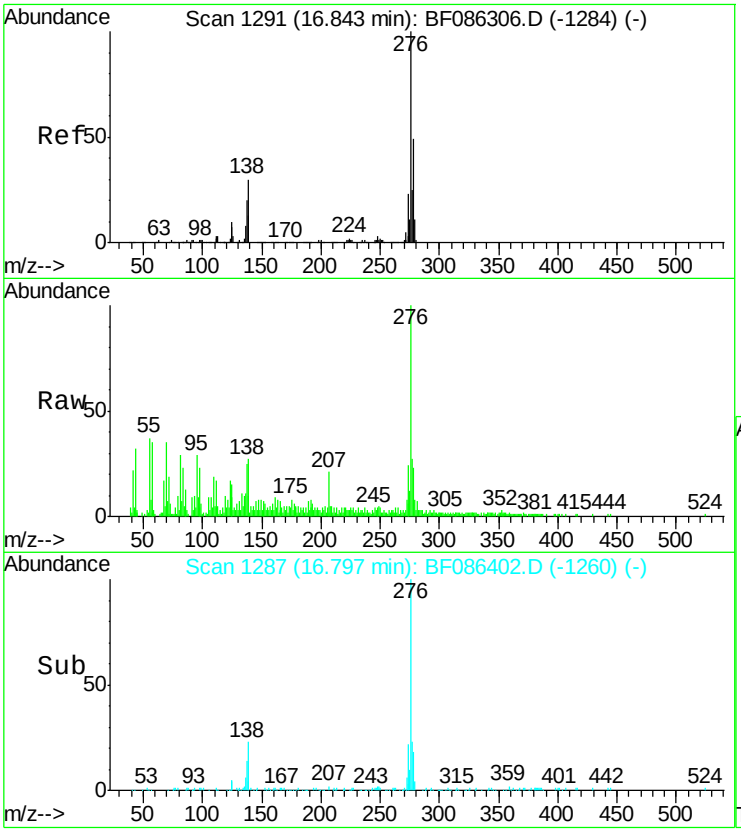


#82
Chrysene
Concen: 7.18 ng
RT: 14.02 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Tgt Ion:228 Resp: 159966

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.4	36.6
229	22.9	15.8	23.8



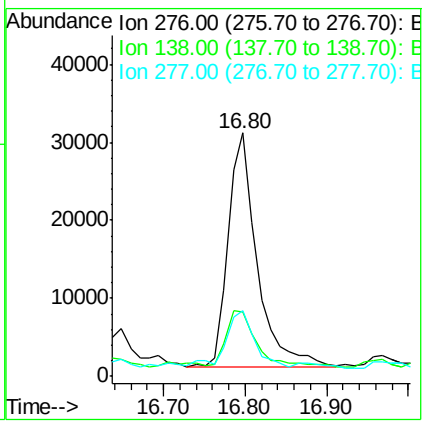


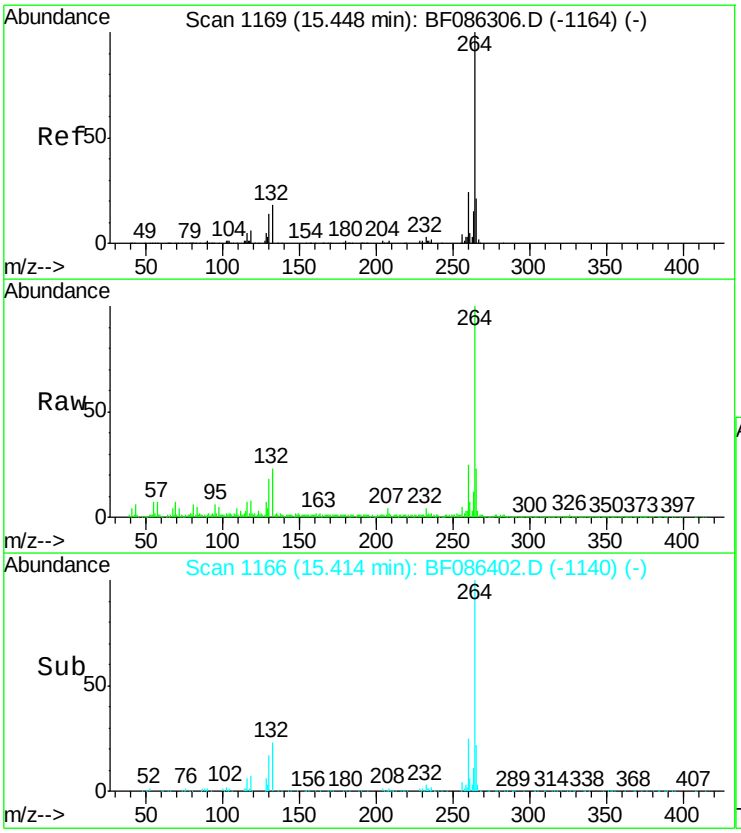
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.72 ng
RT: 16.80 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Instrument :
BNA_F
ClientSampleId :
WPG-B9(5-9)-C

Tgt Ion:276 Resp: 73661

Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.6	38.4
277	24.8	20.5	30.7

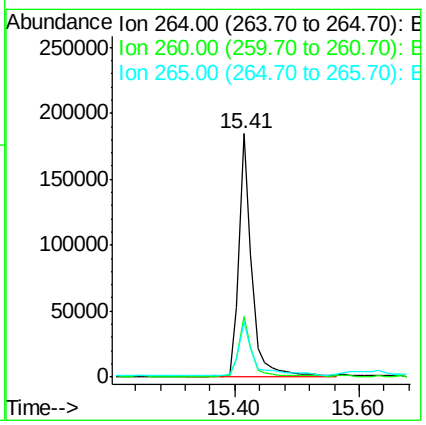


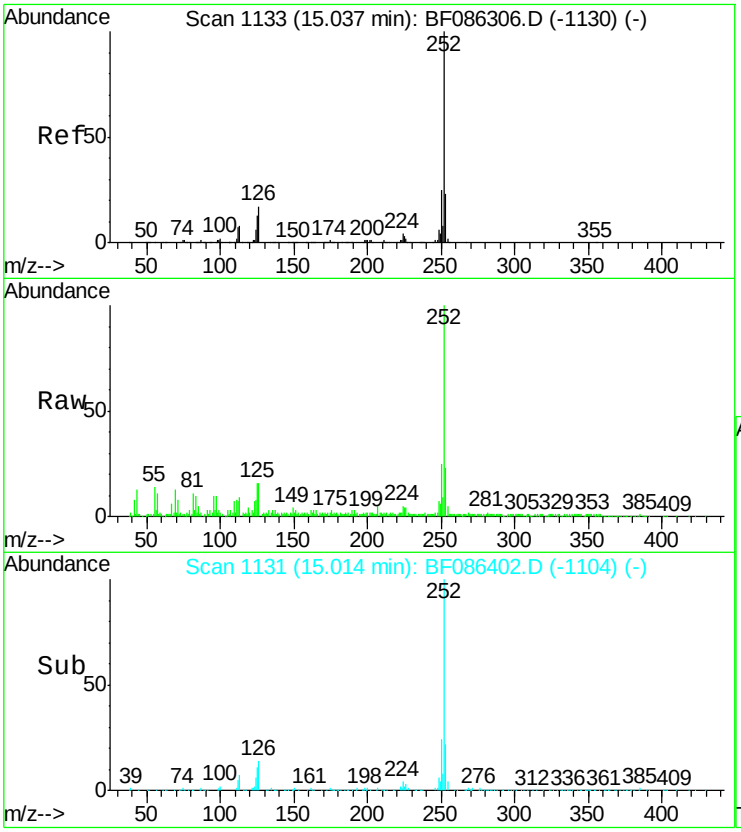


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Tgt Ion:264 Resp: 266912

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.6	17.3	25.9



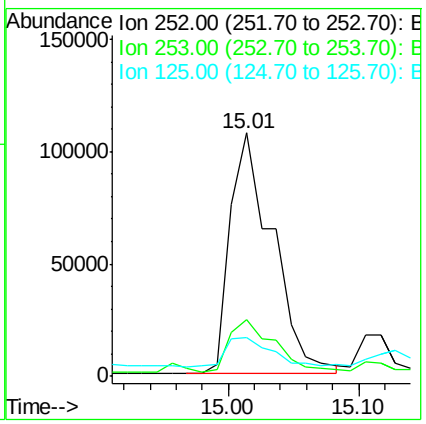


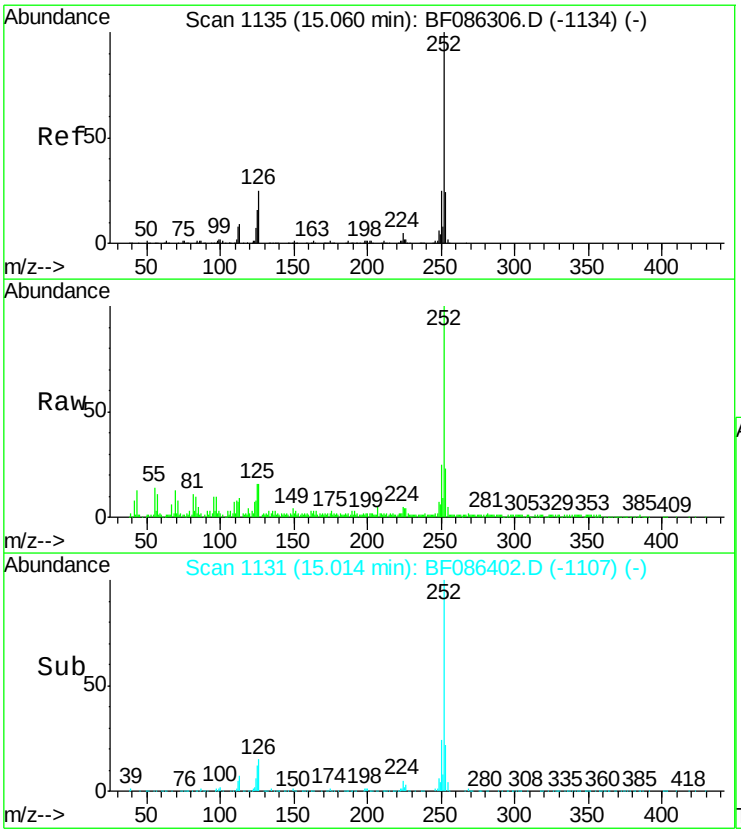
#87
Benzo(b)fluoranthene
Concen: 16.57 ng
RT: 15.01 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Instrument :
BNA_F
ClientSampleId :
WPG-B9(5-9)-C

Tgt Ion:252 Resp: 242707

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	16.2	11.4	17.0

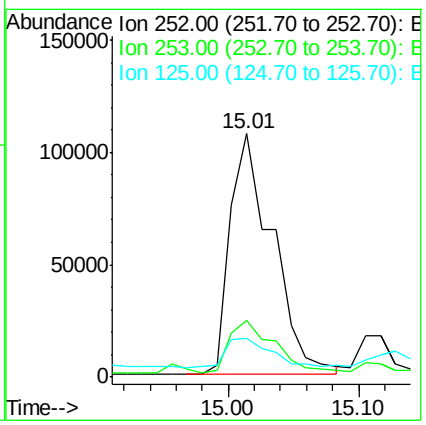


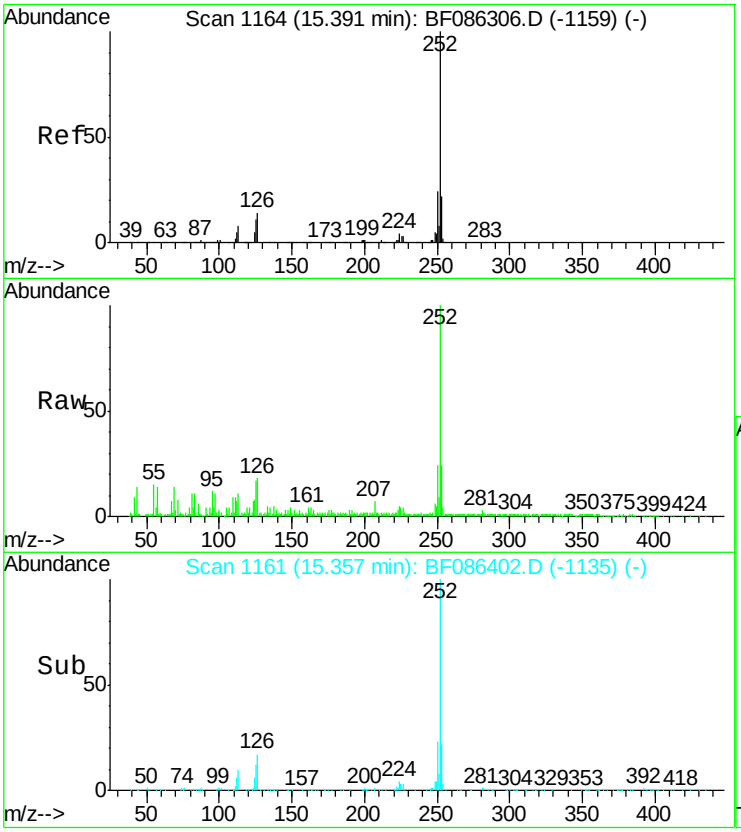


#88
Benzo(k)fluoranthene
Concen: 16.88 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Tgt Ion:252 Resp: 242707

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	16.2	9.1	13.7#



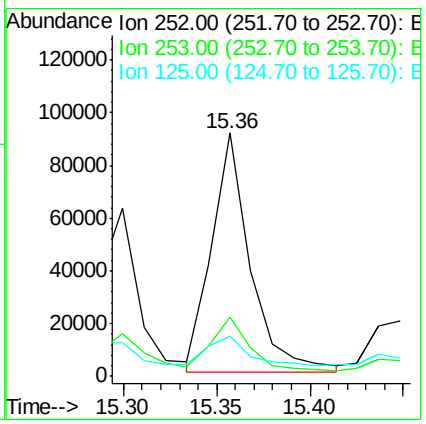


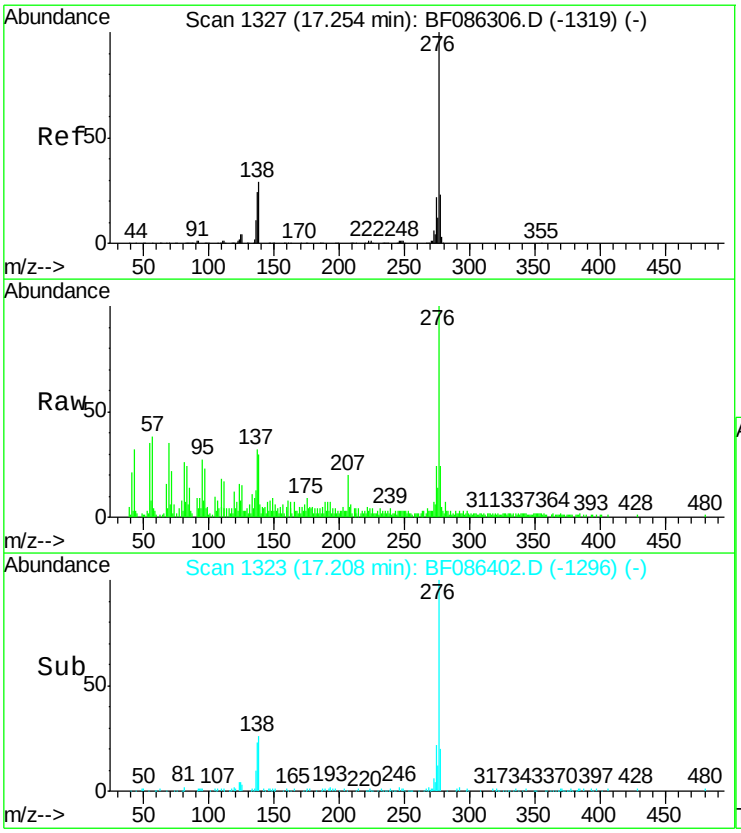
#89
Benzo(a)pyrene
Concen: 9.07 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Instrument :
BNA_F
ClientSampleId :
WPG-B9(5-9)-C

Tgt Ion:252 Resp: 131065

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	16.7	9.0	13.6#





#91
Benzo(g,h,i)perylene
Concen: 5.82 ng
RT: 17.21 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF086402.D
Acq: 23 Apr 2016 20:52

Tgt Ion:276 Resp: 71579

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.6	29.4
138	29.6	23.6	35.4