Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091042.D
Acq On : 5 Nov 2016 1:14
Operator : UM/SJ
Sample : H5509-22RE
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-92-9.95-23.0RE

Quant Time: Nov 05 02:31:22 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	163214	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	636795	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	303561	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	368467	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	338223	20.00	ng		0.00
86) Perylene-d12	15.24	264	249657	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1192774	120.70	ng		0.02
7) Phenol-d6	6.36	99	1047894	78.12	ng		0.01
23) Nitrobenzene-d5	7.28	82	1407277	120.55	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	478786	174.46	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	2491862	141.32	ng		0.00
78) Terphenyl-d14	12.82	244	1770130	130.60	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	36341	6.43	ng		94
9) Benzaldehyde	6.48	77	27429	3.68	ng		93
15) Benzyl Alcohol	6.86	79	22968	2.43	ng	#	54
19) n-Nitroso-di-n-propylamine	7.28	70	198663	21.37	ng	#	78
32) Benzoic acid	7.77	122	5706	5.80	ng	#	84
35) Caprolactam	8.43	113	9488	3.84	ng	#	35
49) Dimethylphthalate	9.47	163	55396	2.78	ng		97
50) 2,6-Dinitrotoluene	9.50	165	10422	2.44	ng	#	15
55) 4-Nitrophenol	9.88	139	1107	6.04	ng	#	1
66) 4-Bromophenyl-phenylether	10.53	248	29142	7.60	ng	#	1
70) Phenanthrene	11.24	178	81608	4.17	ng		97
71) Anthracene	11.24	178	81608	3.92	ng		98
74) Fluoranthene	12.43	202	66802	3.29	ng		95
77) Pyrene	12.66	202	52504	2.37	ng		98
83) Bis(2-ethylhexyl)phthalate	13.85	149	46639	3.25	ng		96

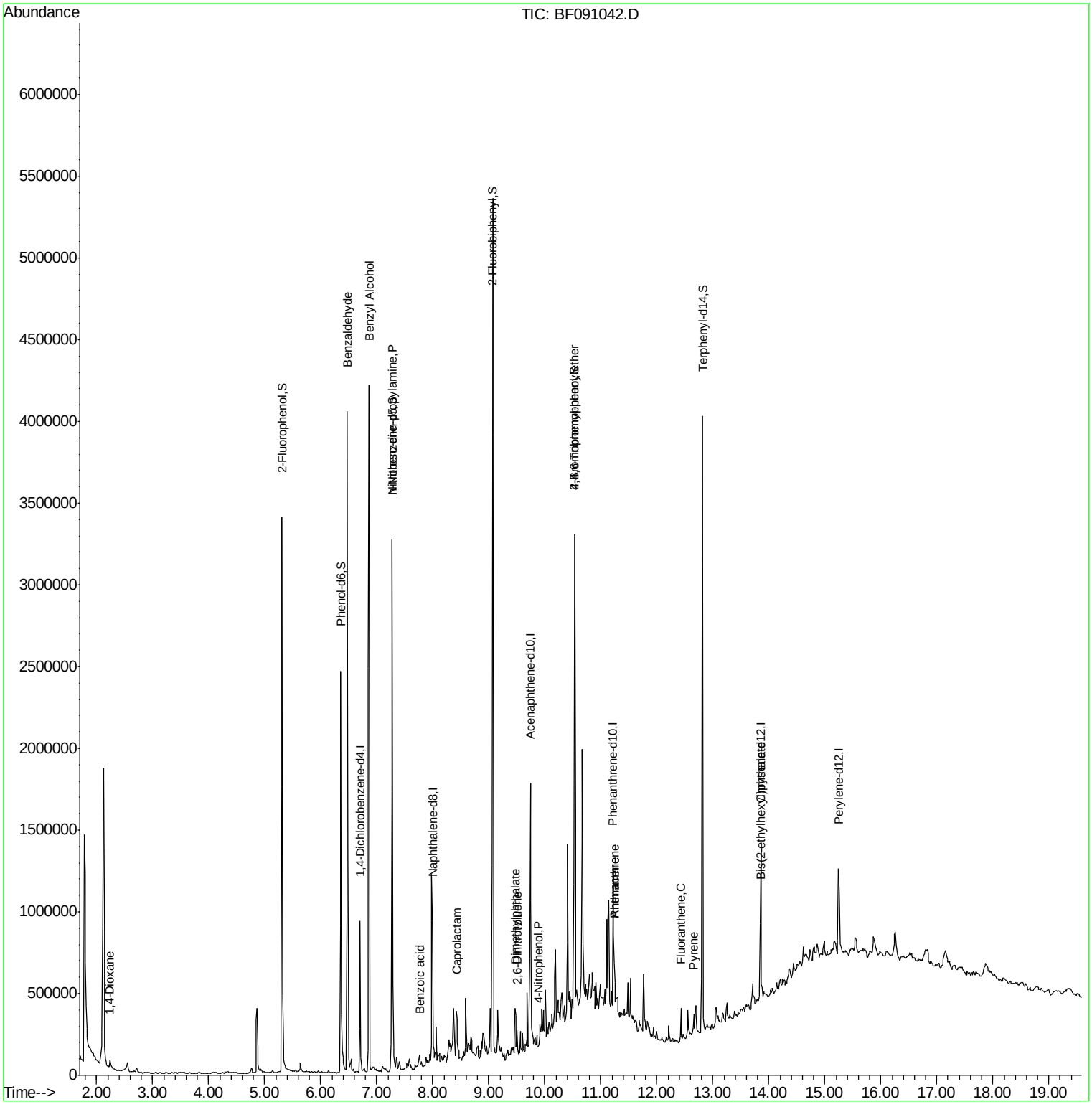
(#) = qualifier out of range (m) = manual integration (+) = signals summed

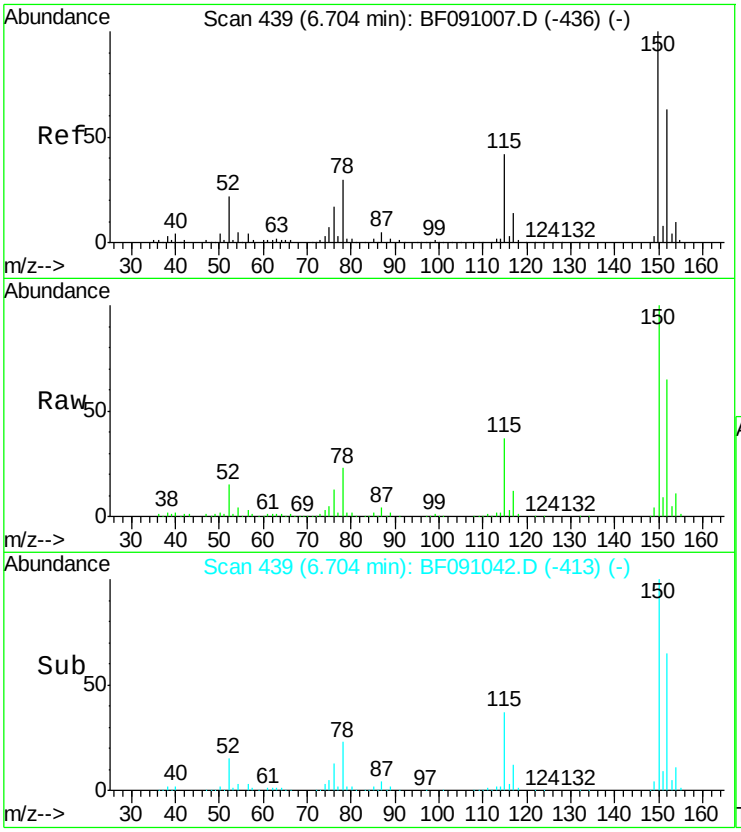
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091042.D
Acq On : 5 Nov 2016 1:14
Operator : UM/SJ
Sample : H5509-22RE
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-92-9.95-23.0RE

Quant Time: Nov 05 02:31:22 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration



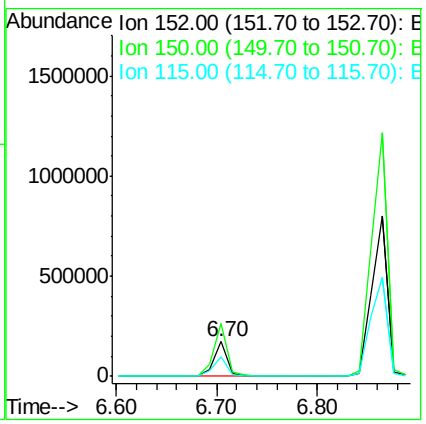


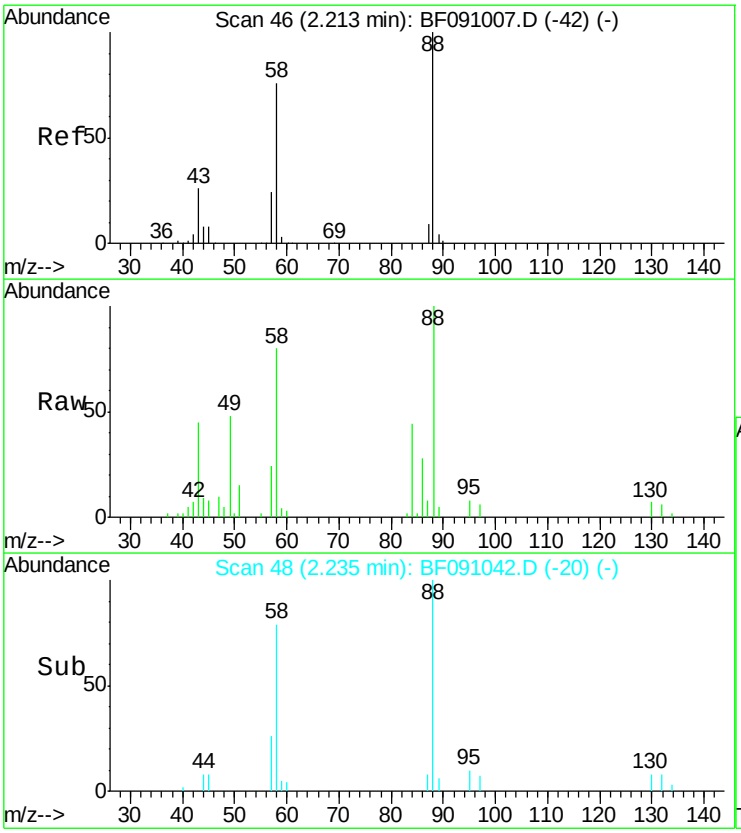
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Instrument :
BNA_F
ClientSampleId :
GW-92-9.95-23.0RE

Tgt Ion:152 Resp: 163214

Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.8	190.2
115	57.3	53.3	79.9

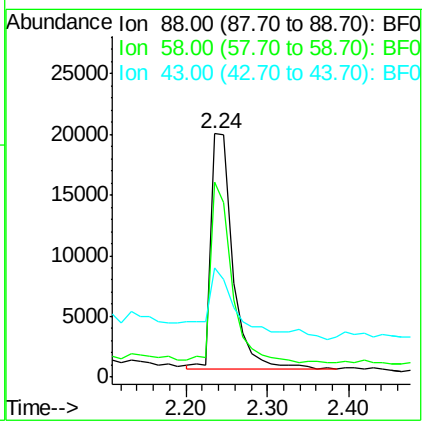


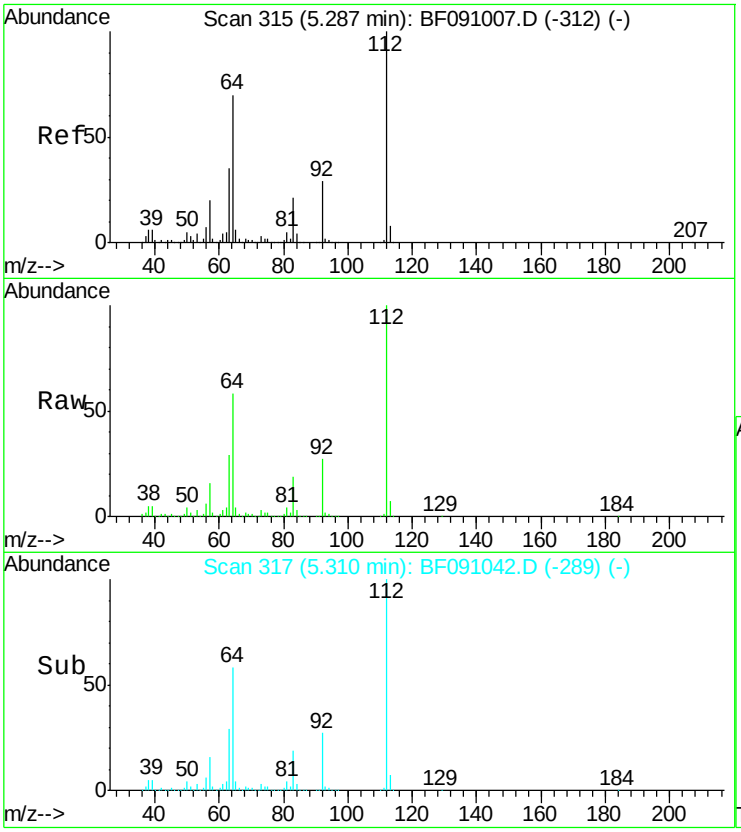


#2
1,4-Dioxane
Concen: 6.43 ng
RT: 2.24 min Scan# 48
Delta R.T. 0.02 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Tgt Ion: 88 Resp: 36341

Ion	Ratio	Lower	Upper
88	100		
58	73.8	63.8	95.6
43	27.1	22.6	33.8



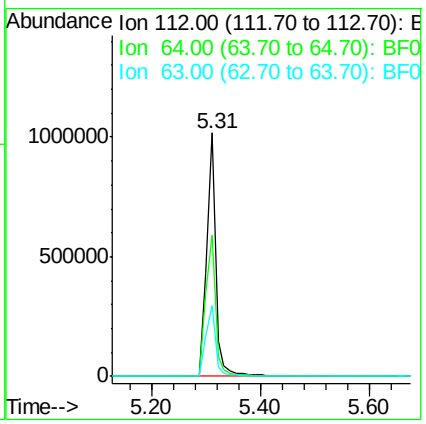


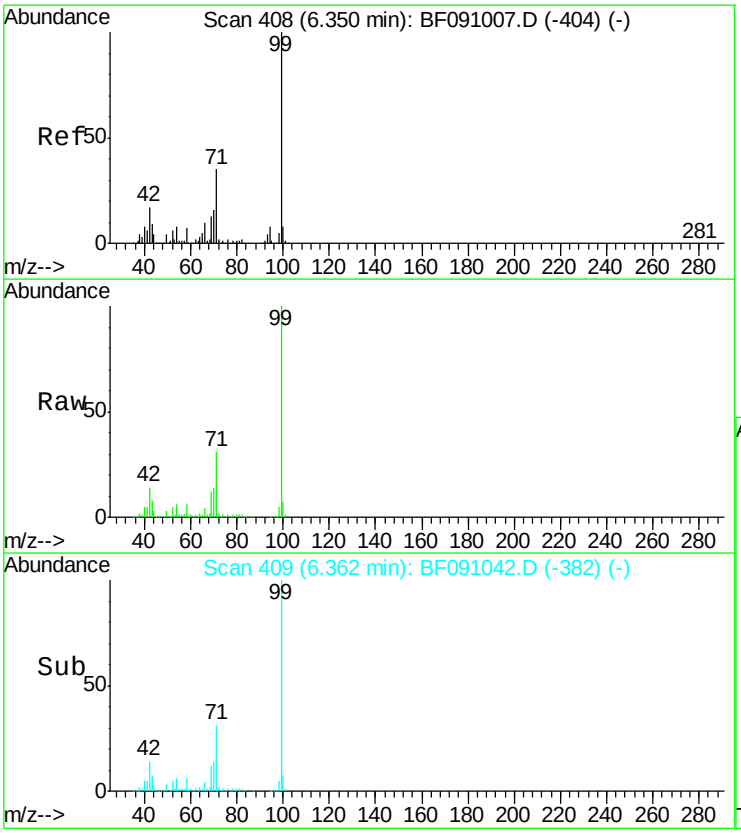
#5
2-Fluorophenol
Concen: 120.70 ng
RT: 5.31 min Scan# 317
Delta R.T. 0.02 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Instrument :
BNA_F
ClientSampleId :
GW-92-9.95-23.0RE

Tgt Ion:112 Resp: 1192774

Ion	Ratio	Lower	Upper
112	100		
64	57.7	55.8	83.6
63	29.1	28.0	42.0

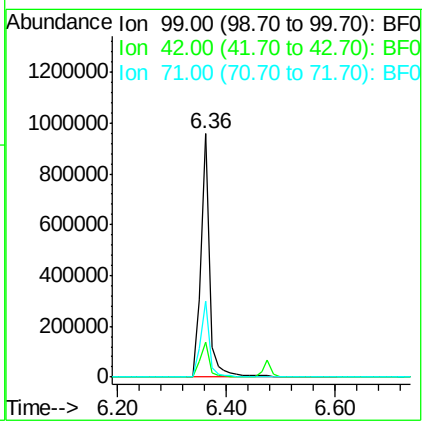


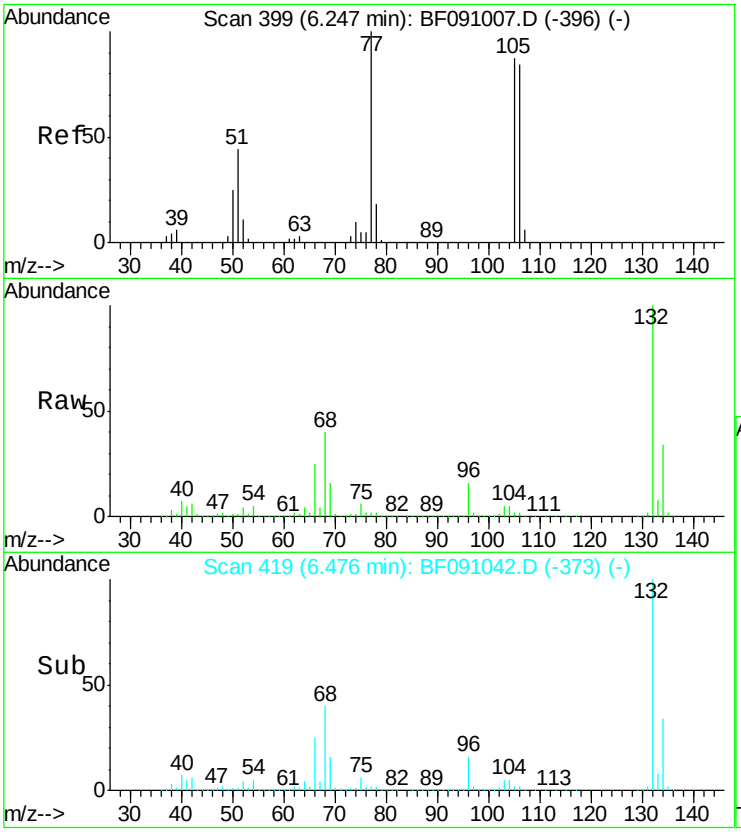


#7
Phenol-d6
Concen: 78.12 ng
RT: 6.36 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Tgt Ion: 99 Resp: 1047894

Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.9	20.9
71	31.1	27.8	41.8



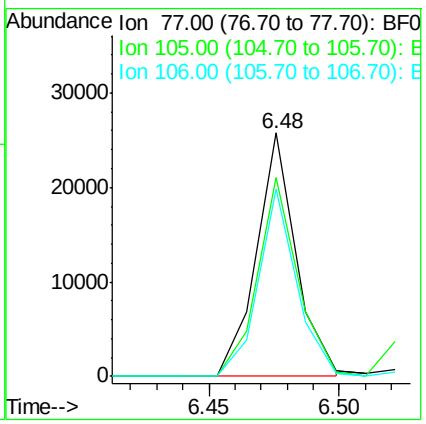


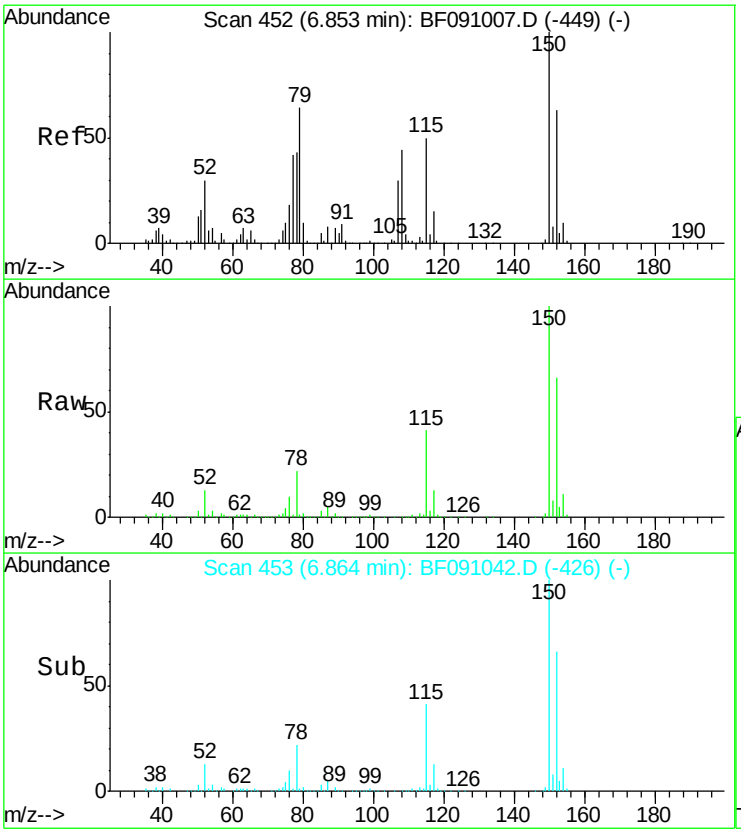
#9
Benzaldehyde
Concen: 3.68 ng
RT: 6.48 min Scan# 419
Delta R.T. 0.23 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Instrument :
BNA_F
ClientSampleId :
GW-92-9.95-23.0RE

Tgt Ion: 77 Resp: 27429

Ion	Ratio	Lower	Upper
77	100		
105	81.8	66.8	106.8
106	77.0	64.0	104.0

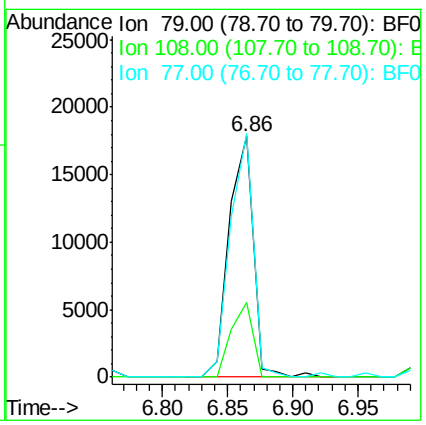


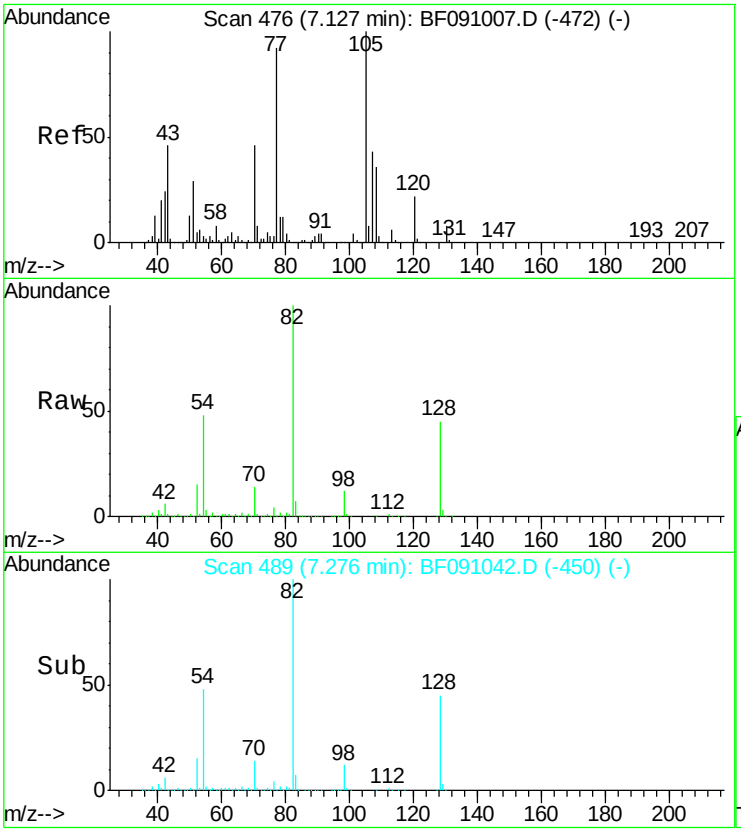


#15
Benzyl Alcohol
Concen: 2.43 ng
RT: 6.86 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Tgt Ion: 79 Resp: 22968

Ion	Ratio	Lower	Upper
79	100		
108	31.3	55.7	83.5#
77	101.2	52.6	79.0#



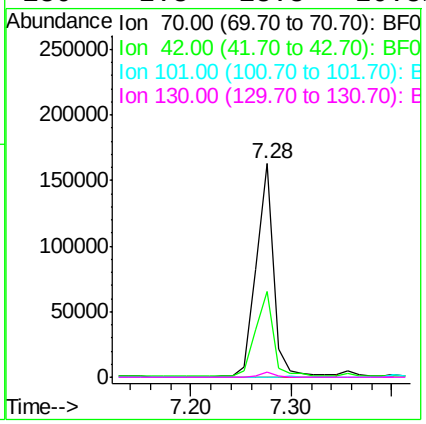


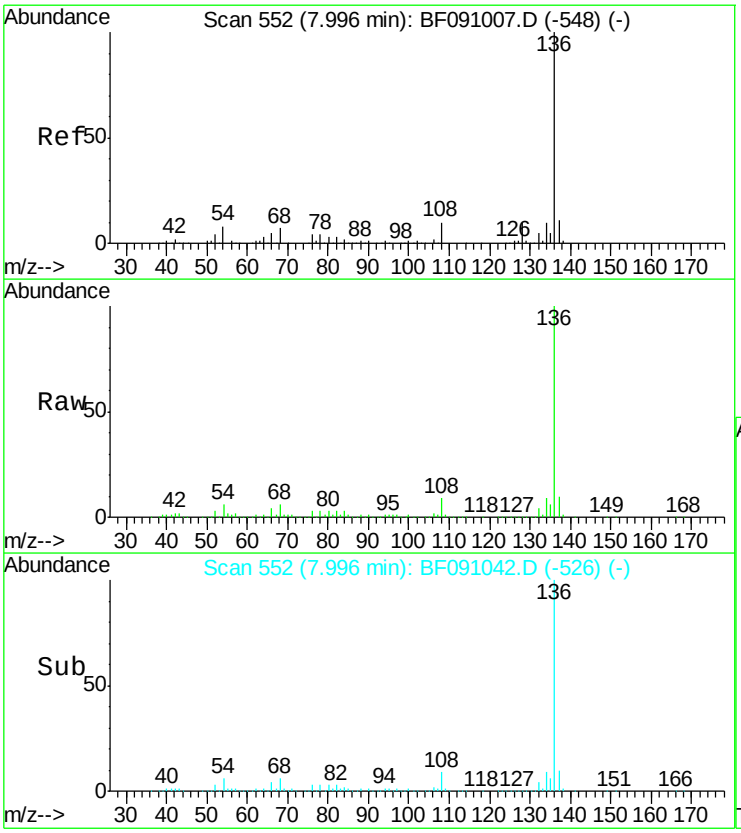
#19
n-Nitroso-di-n-propylamine
Concen: 21.37 ng
RT: 7.28 min Scan# 489
Delta R.T. 0.15 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Instrument :
BNA_F
ClientSampleId :
GW-92-9.95-23.0RE

Tgt Ion: 70 Resp: 198663

Ion	Ratio	Lower	Upper
70	100		
42	40.0	41.7	62.5#
101	0.0	6.7	10.1#
130	2.3	13.8	20.8#

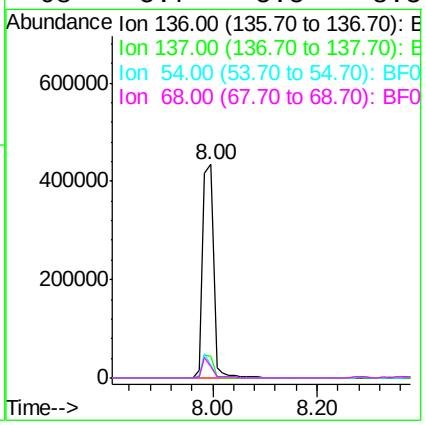


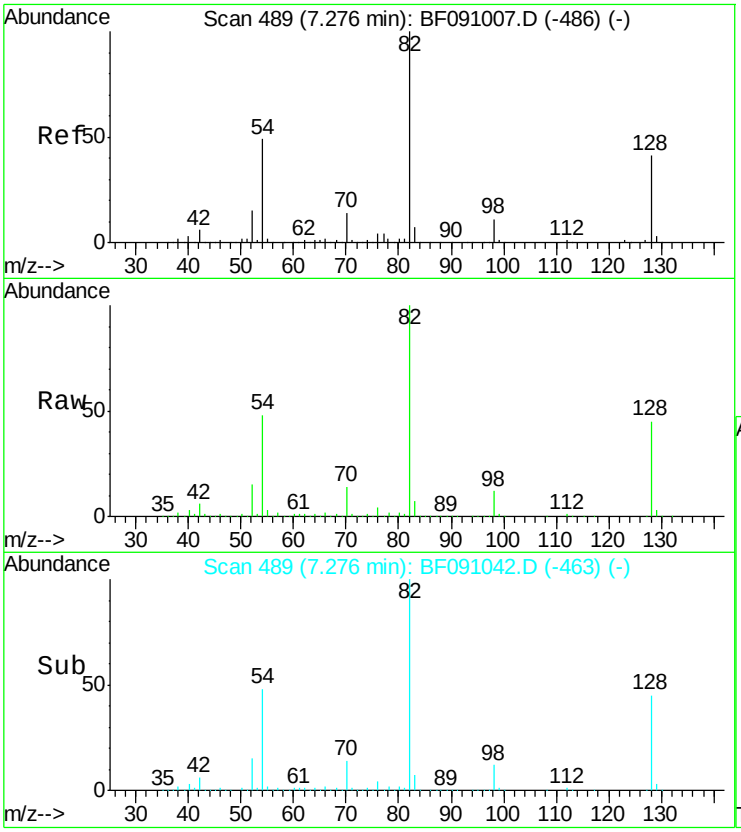


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Tgt Ion:136 Resp: 636795

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	6.2	6.2	9.2#
68	5.7	5.5	8.3



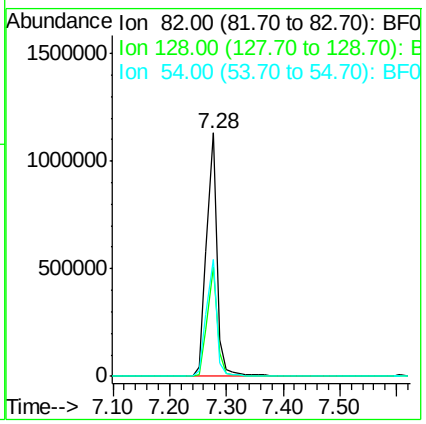


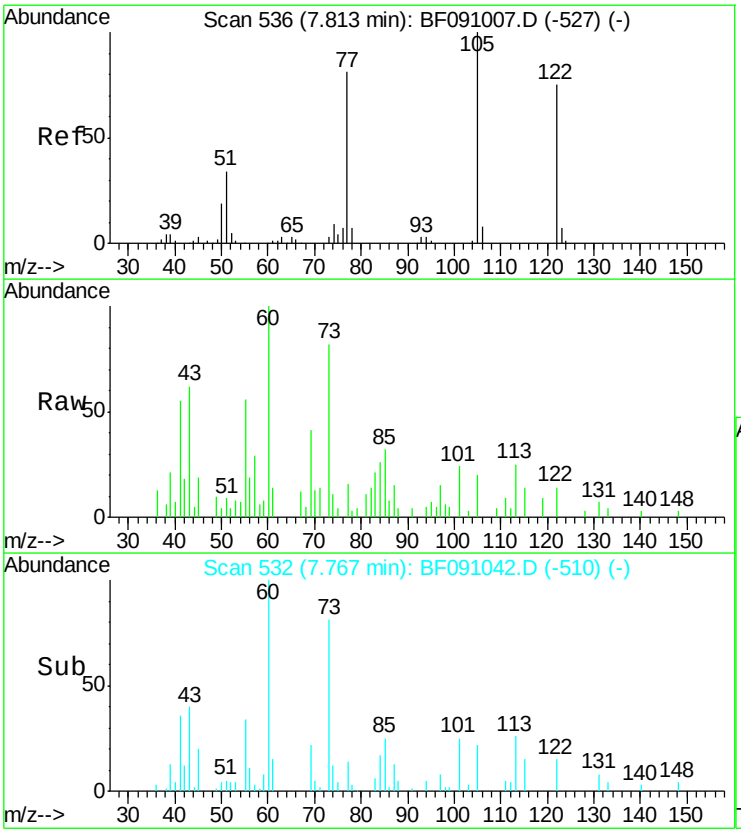
#23
Nitrobenzene-d5
Concen: 120.55 ng
RT: 7.28 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Instrument :
BNA_F
ClientSampleId :
GW-92-9.95-23.0RE

Tgt Ion: 82 Resp: 1407277

Ion	Ratio	Lower	Upper
82	100		
128	44.6	32.4	48.6
54	48.1	39.2	58.8

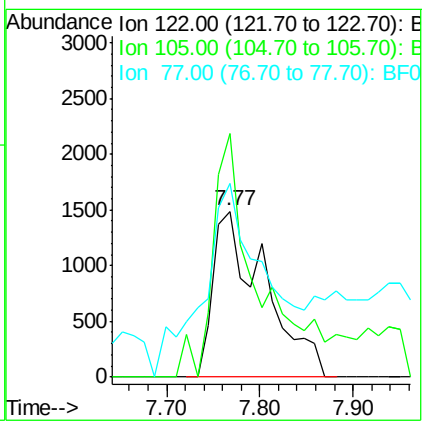


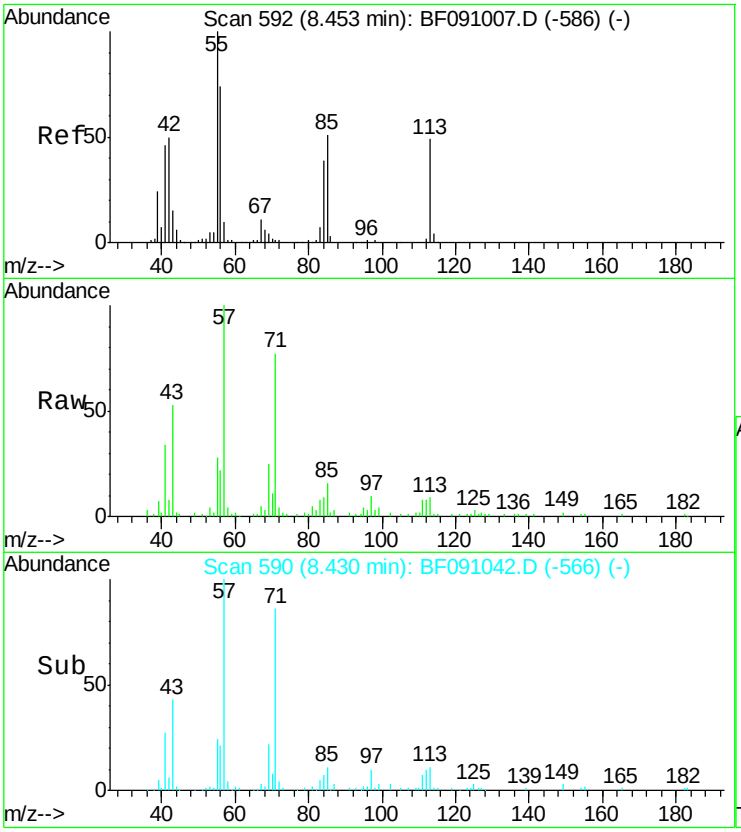


#32
Benzoic acid
Concen: 5.80 ng
RT: 7.77 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Tgt Ion:122 Resp: 5706

Ion	Ratio	Lower	Upper
122	100		
105	146.9	105.9	145.9#
77	116.7	84.0	124.0



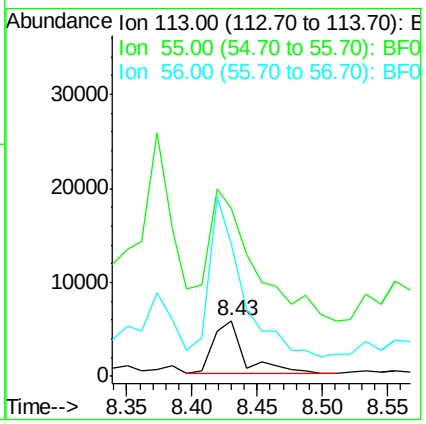


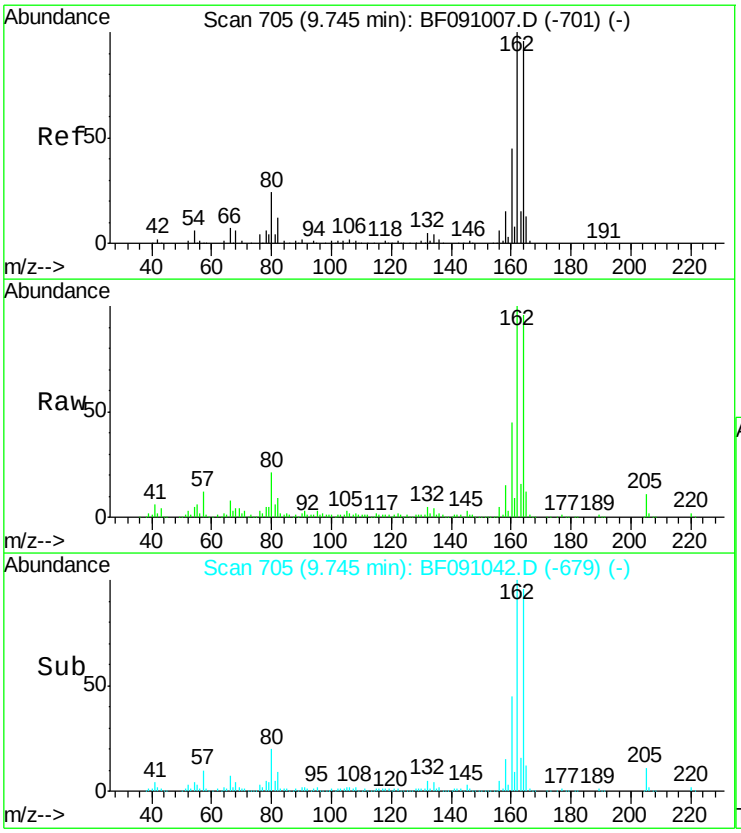
#35
Caprolactam
Concen: 3.84 ng
RT: 8.43 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Instrument :
BNA_F
ClientSampleId :
GW-92-9.95-23.0RE

Tgt Ion:113 Resp: 9488

Ion	Ratio	Lower	Upper
113	100		
55	302.3	184.1	224.1#
56	236.9	132.0	172.0#

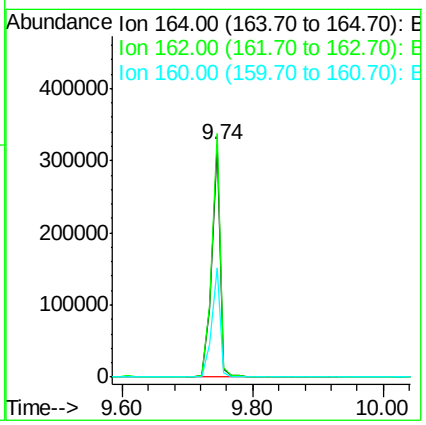


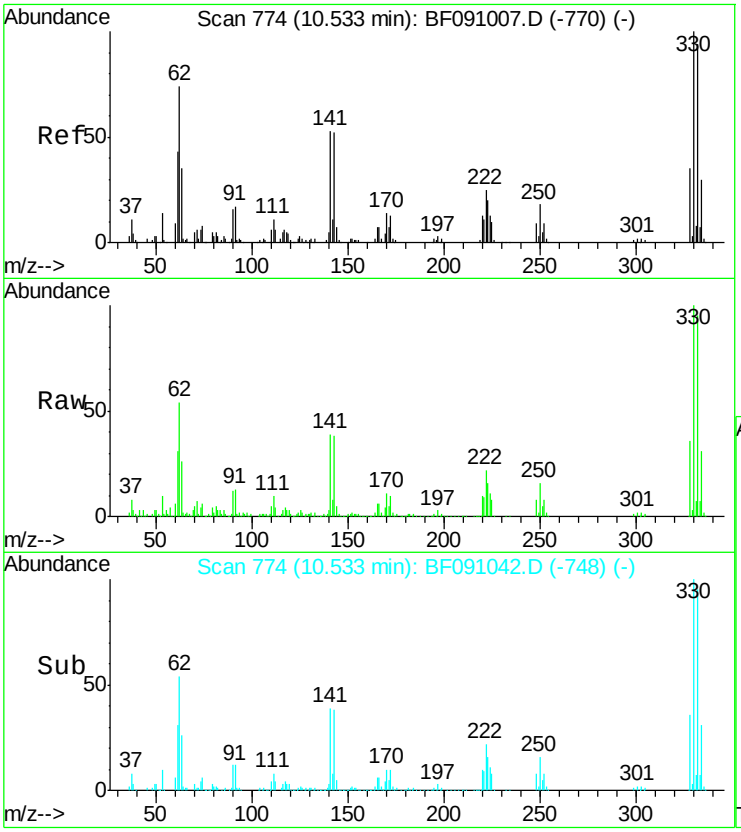


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Tgt Ion:164 Resp: 303561

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.6	125.4
160	46.9	37.9	56.9



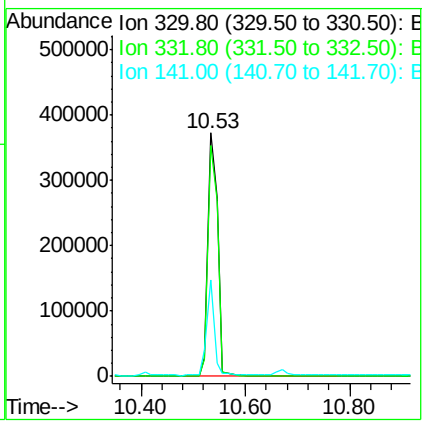


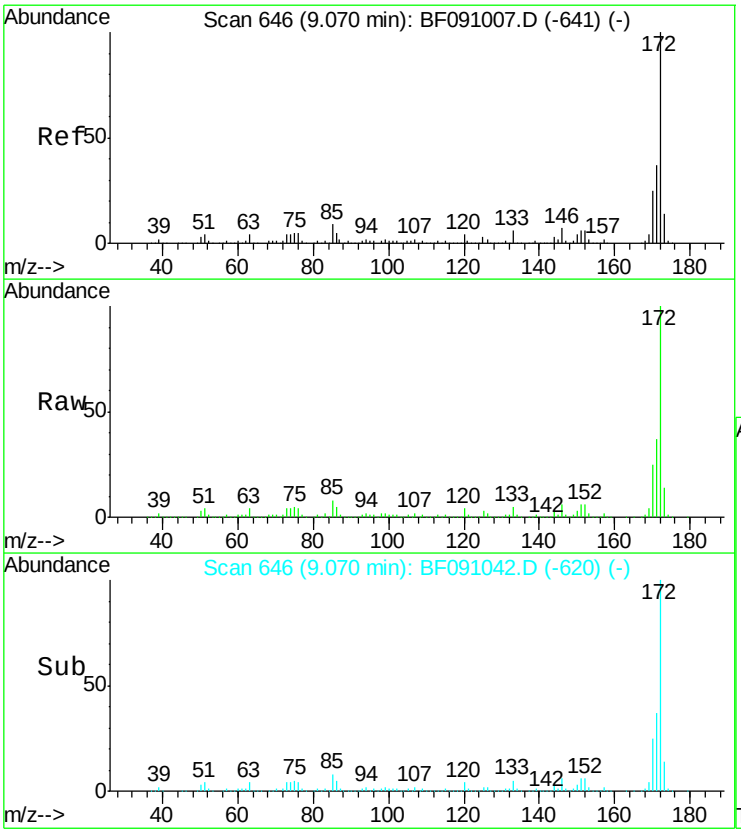
#41
2,4,6-Tribromophenol
Concen: 174.46 ng
RT: 10.53 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Instrument :
BNA_F
ClientSampleId :
GW-92-9.95-23.0RE

Tgt Ion:330 Resp: 478786

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.9	113.9
141	30.8	36.1	54.1#

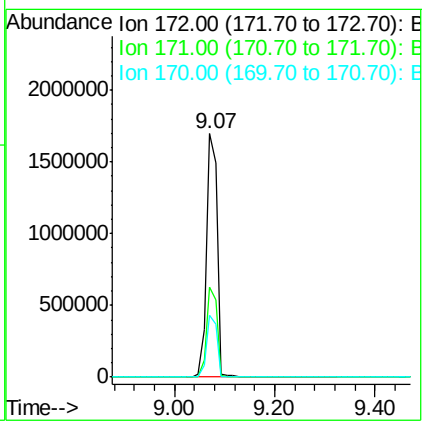


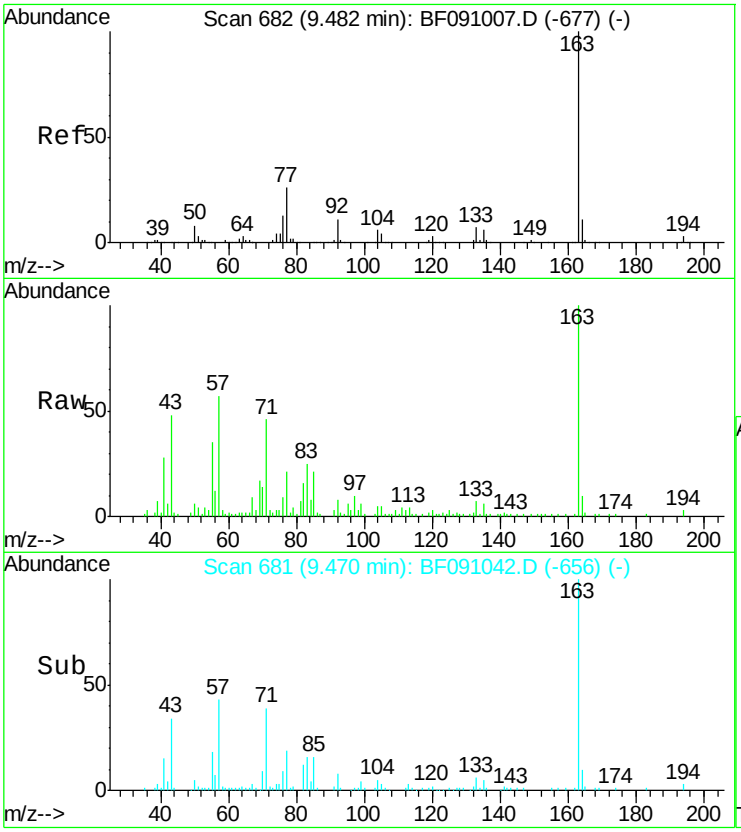


#44
2-Fluorobiphenyl
Concen: 141.32 ng
RT: 9.07 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Tgt Ion:172 Resp: 2491862

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	25.5	20.3	30.5



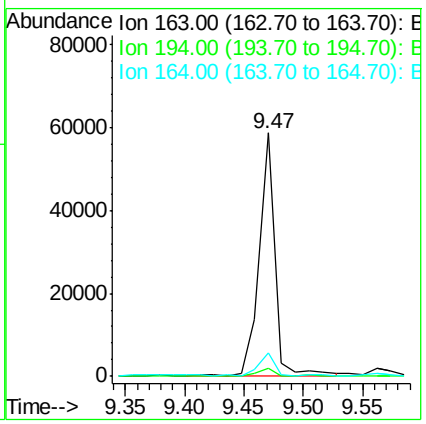


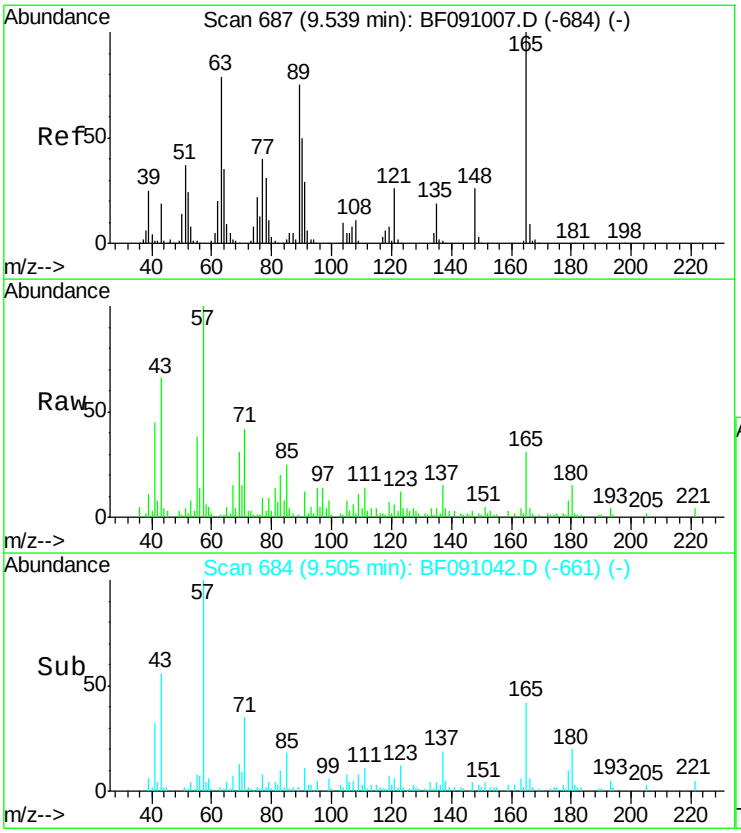
#49
Dimethylphthalate
Concen: 2.78 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Instrument :
BNA_F
ClientSampleId :
GW-92-9.95-23.0RE

Tgt Ion:163 Resp: 55396

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.6	8.7	13.1

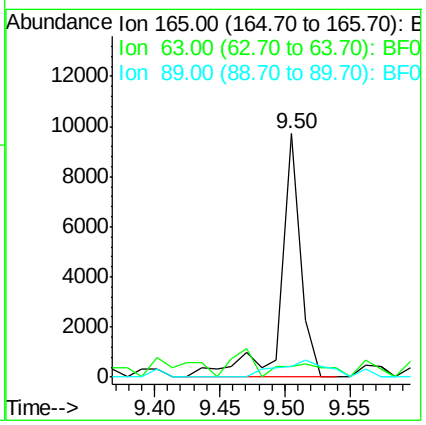


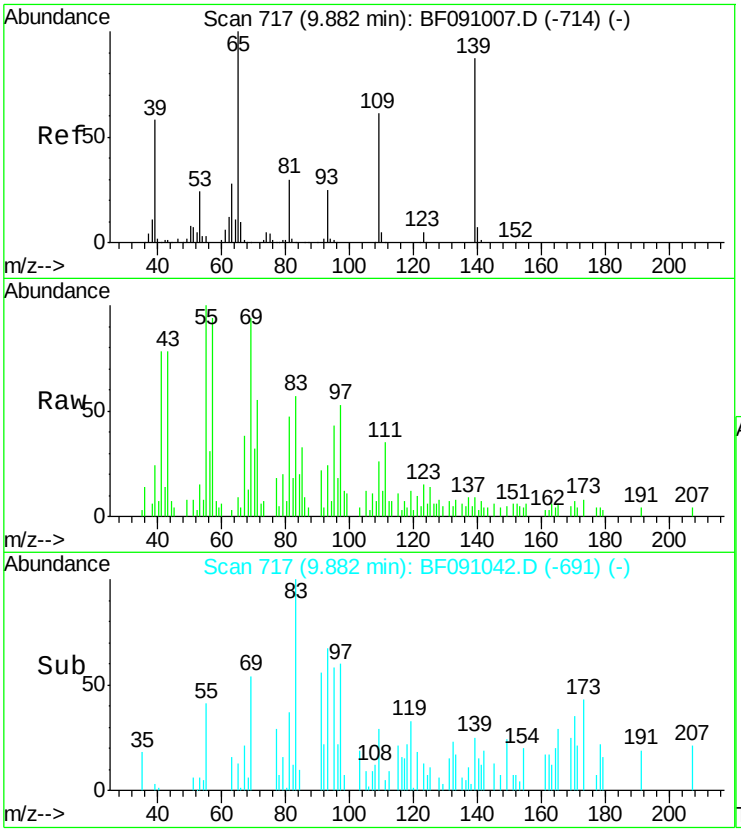


#50
2,6-Dinitrotoluene
Concen: 2.44 ng
RT: 9.50 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Tgt Ion:165 Resp: 10422

Ion	Ratio	Lower	Upper
165	100		
63	4.6	65.6	98.4#
89	4.3	59.8	89.6#



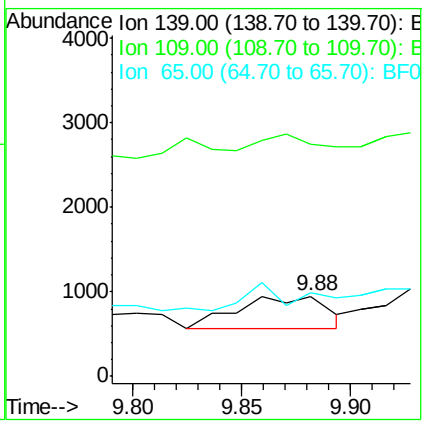


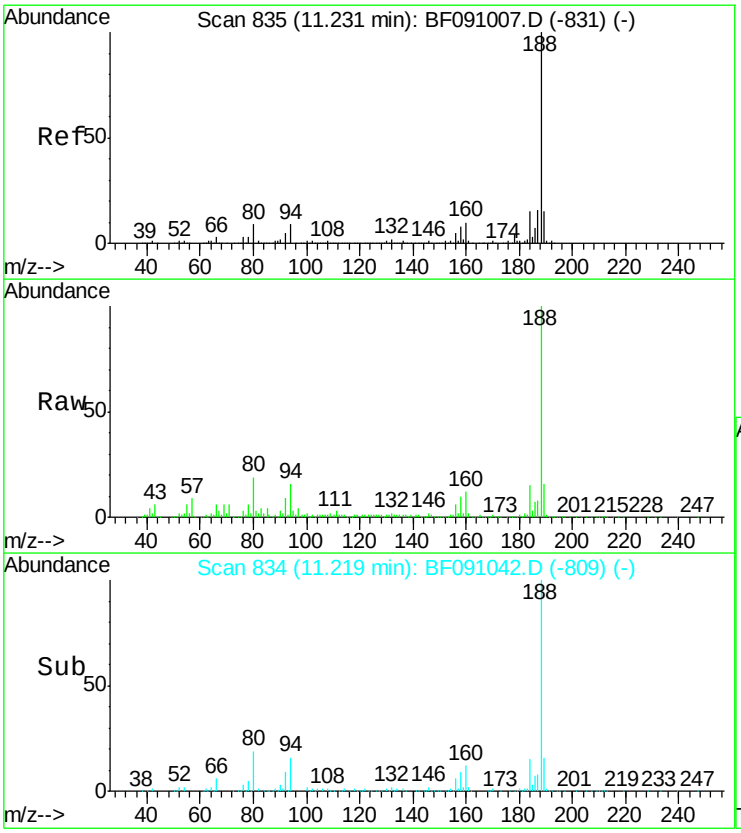
#55
4-Nitrophenol
Concen: 6.04 ng
RT: 9.88 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Instrument :
BNA_F
ClientSampleId :
GW-92-9.95-23.0RE

Tgt Ion:139 Resp: 1107

Ion	Ratio	Lower	Upper
139	100		
109	289.7	50.5	90.5#
65	103.9	97.1	137.1

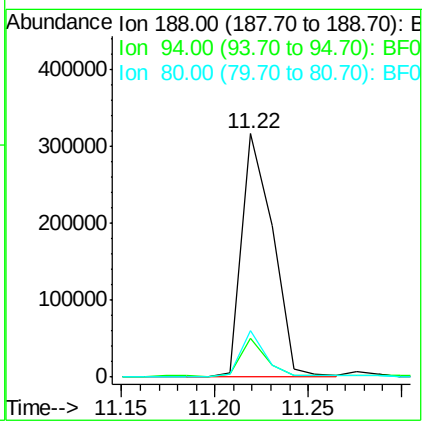


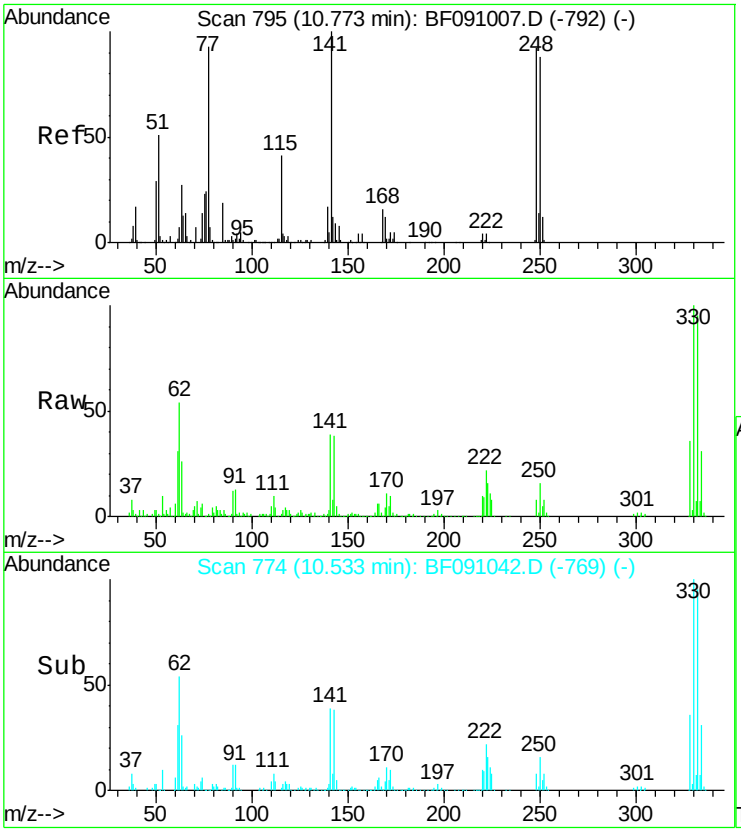


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Tgt Ion:188 Resp: 368467

Ion	Ratio	Lower	Upper
188	100		
94	16.1	7.0	10.4#
80	19.0	7.5	11.3#



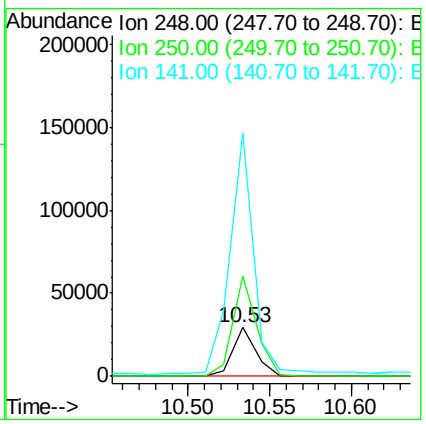


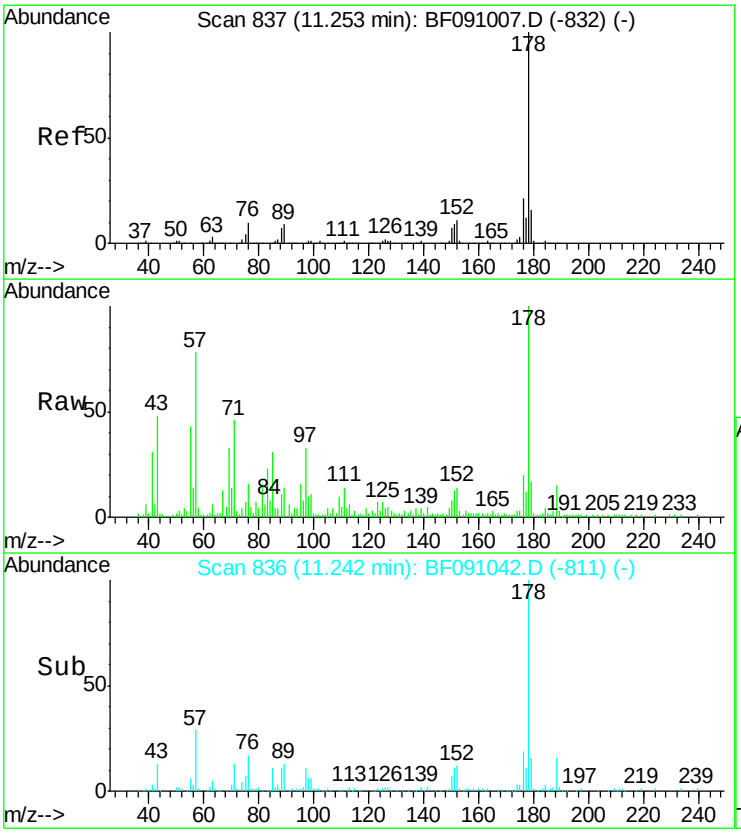
#66
4-Bromophenyl-phenylether
Concen: 7.60 ng
RT: 10.53 min Scan# 774
Delta R.T. -0.24 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Instrument :
BNA_F
ClientSampleId :
GW-92-9.95-23.0RE

Tgt Ion:248 Resp: 29142

Ion	Ratio	Lower	Upper
248	100		
250	206.4	76.3	114.5#
141	501.8	86.8	130.2#

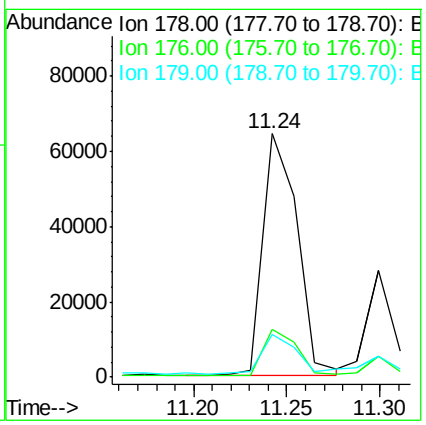


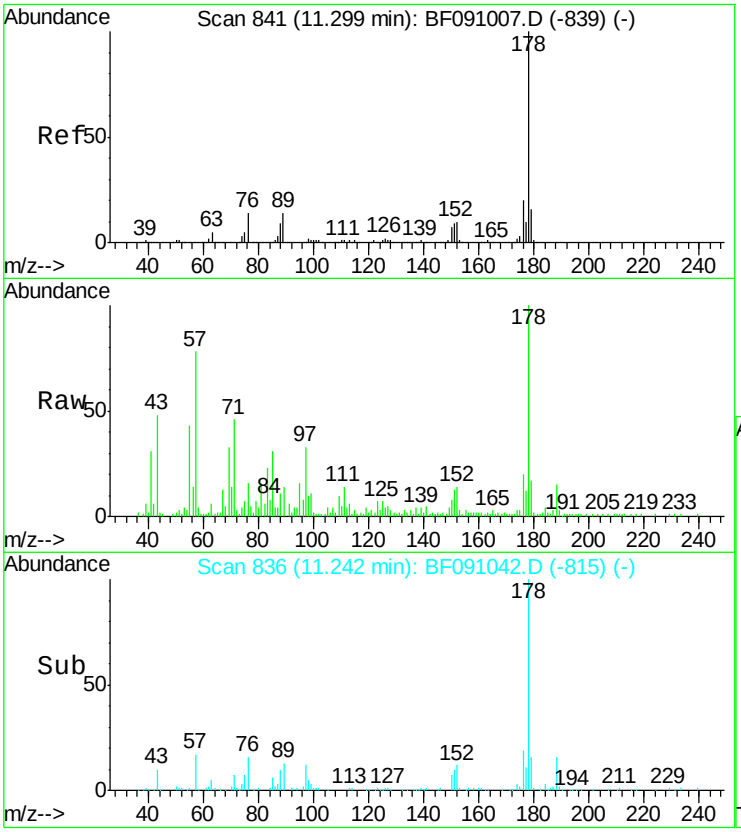


#70
Phenanthrene
Concen: 4.17 ng
RT: 11.24 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Tgt Ion:178 Resp: 81608

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	17.5	12.9	19.3



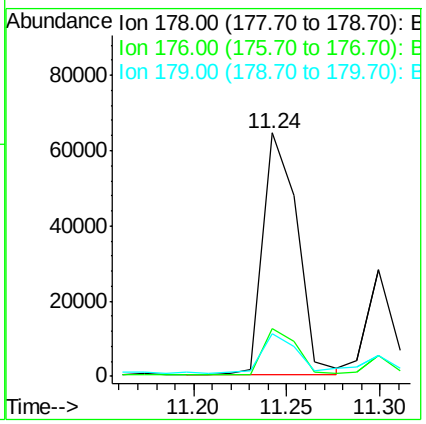


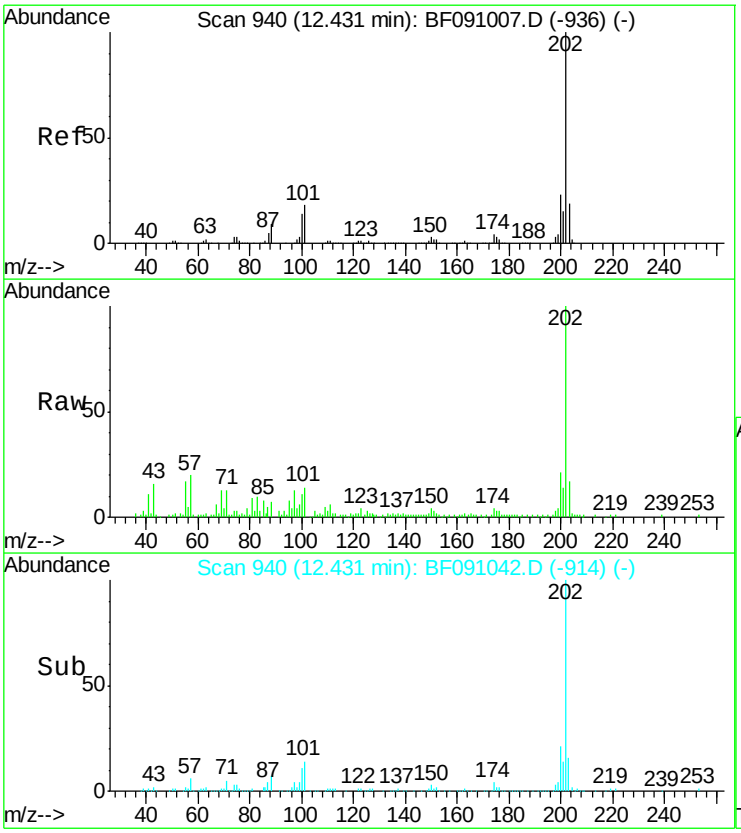
#71
Anthracene
Concen: 3.92 ng
RT: 11.24 min Scan# 836
Delta R.T. -0.06 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Instrument :
BNA_F
ClientSampleId :
GW-92-9.95-23.0RE

Tgt Ion:178 Resp: 81608

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	17.5	13.0	19.6

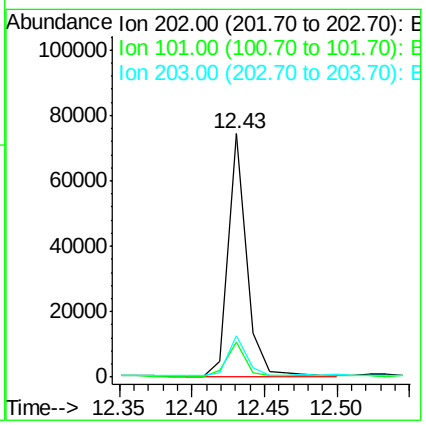


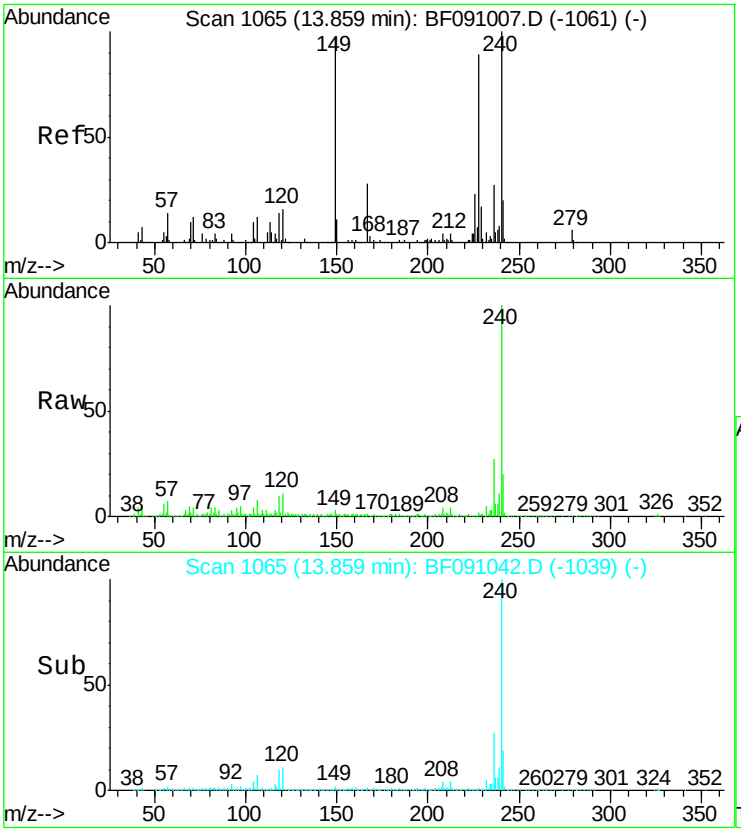


#74
Fluoranthene
Concen: 3.29 ng
RT: 12.43 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Tgt Ion:202 Resp: 66802

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	37.6
203	17.0	0.0	38.6



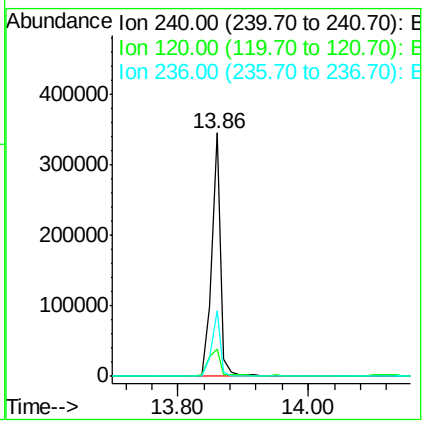


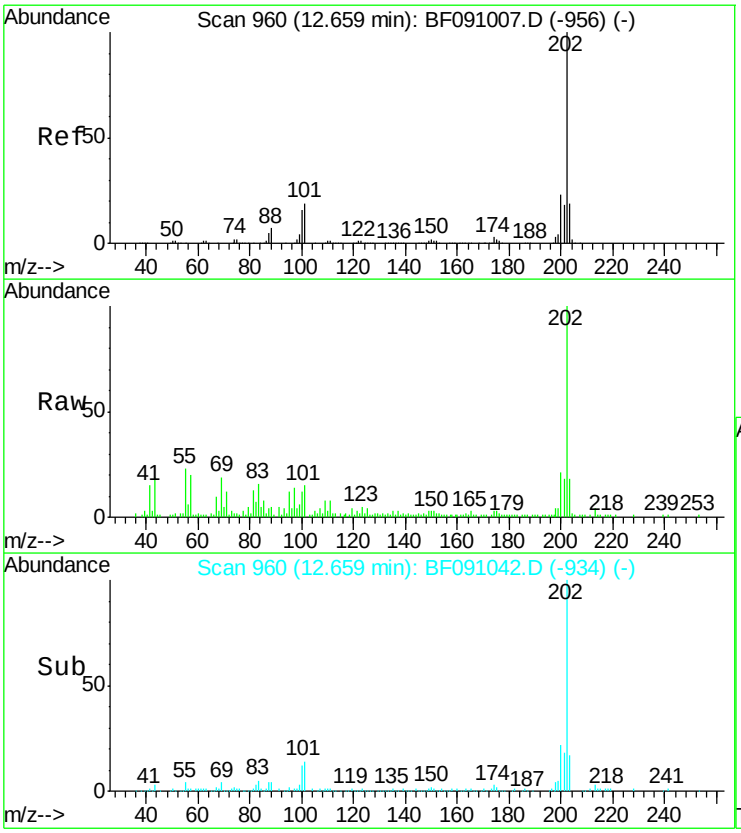
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Instrument :
BNA_F
ClientSampleId :
GW-92-9.95-23.0RE

Tgt Ion:240 Resp: 338223

Ion	Ratio	Lower	Upper
240	100		
120	11.3	12.9	19.3#
236	26.9	21.9	32.9

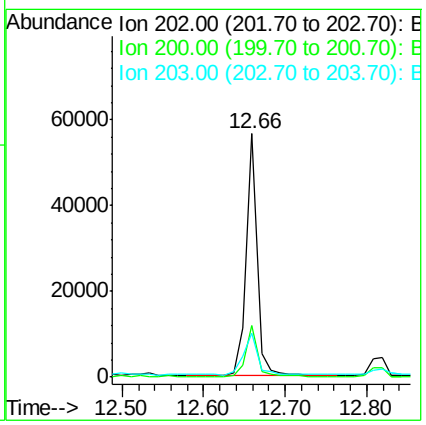


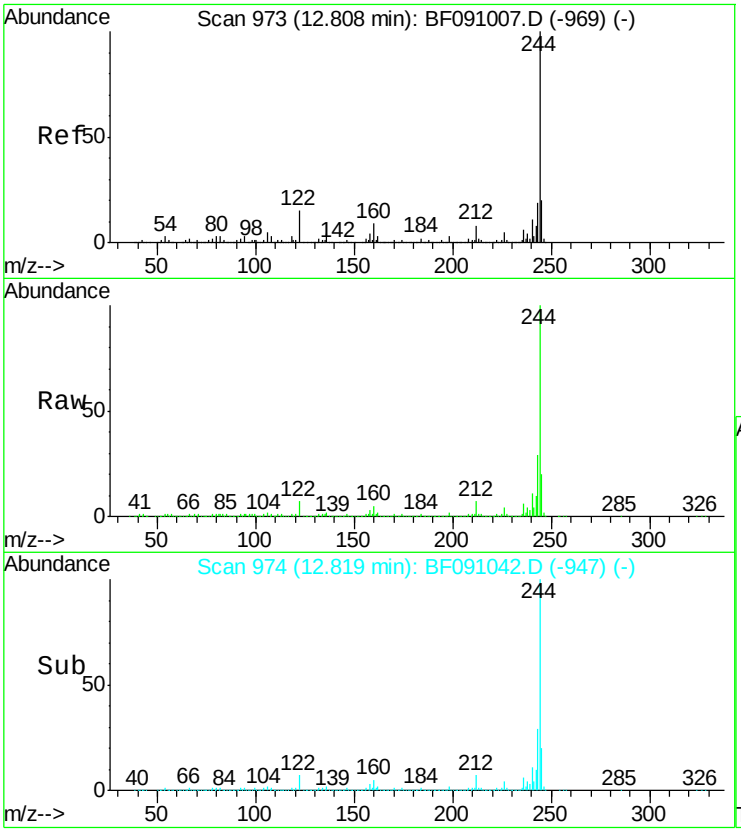


#77
Pyrene
Concen: 2.37 ng
RT: 12.66 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Tgt Ion:202 Resp: 52504

Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.4	27.6
203	18.3	15.0	22.6



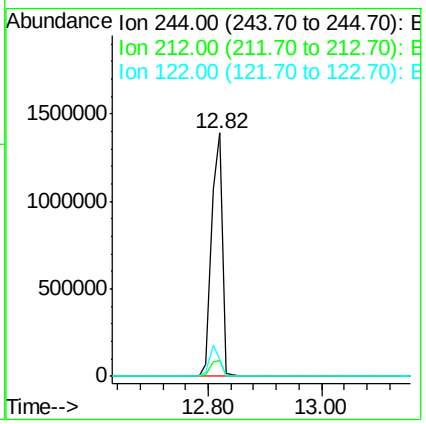


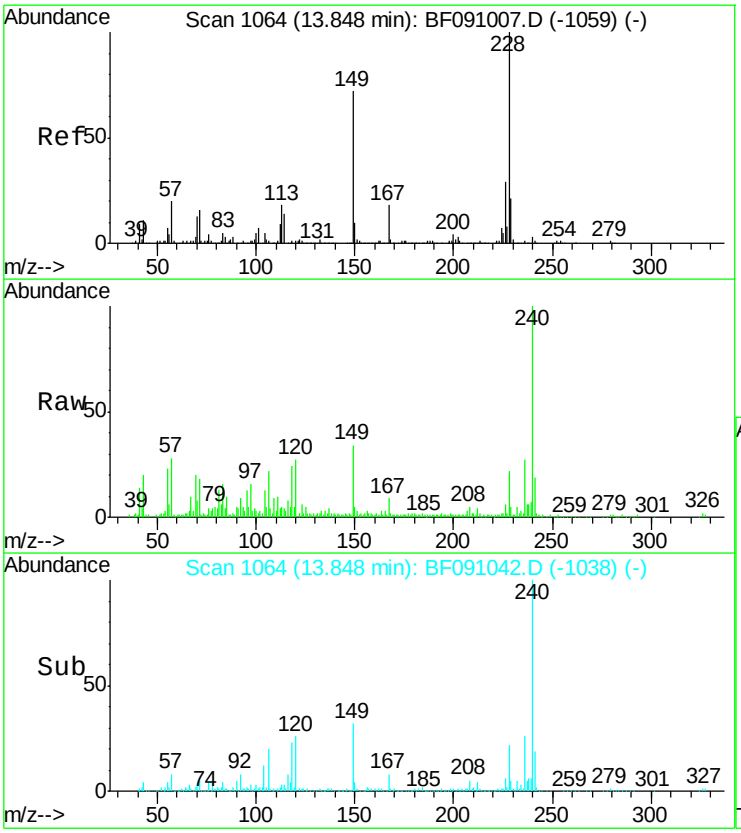
#78
Terphenyl-d14
Concen: 130.60 ng
RT: 12.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Instrument :
BNA_F
ClientSampleId :
GW-92-9.95-23.0RE

Tgt Ion:244 Resp: 1770130

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.4	9.6
122	7.0	12.3	18.5#

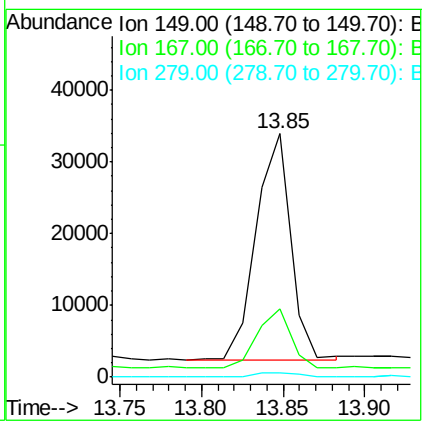


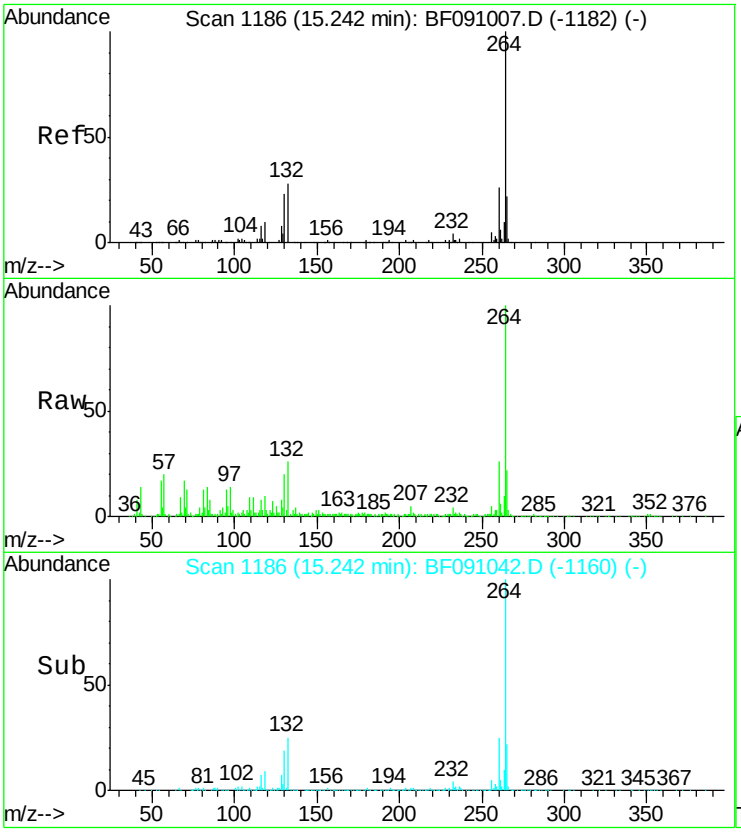


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.25 ng
RT: 13.85 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Tgt Ion:149 Resp: 46639

Ion	Ratio	Lower	Upper
149	100		
167	27.8	20.4	30.6
279	2.0	1.6	2.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF091042.D
Acq: 5 Nov 2016 1:14

Instrument :
BNA_F
ClientSampleId :
GW-92-9.95-23.0RE

Tgt Ion:264 Resp: 249657

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.6	30.8
265	21.9	17.8	26.8