Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090990.D
Acq On : 2 Nov 2016 20:02
Operator : UM/SJ
Sample : H5509-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-92-1.5-2.0

Quant Time: Nov 02 23:13:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	214959	20.00	ng		-0.03
21) Naphthalene-d8	8.01	136	898811	20.00	ng		-0.03
38) Acenaphthene-d10	9.77	164	431087	20.00	ng		-0.02
63) Phenanthrene-d10	11.24	188	608404	20.00	ng		-0.02
75) Chrysene-d12	13.88	240	413042	20.00	ng		-0.02
86) Perylene-d12	15.28	264	409261	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	2039750	165.91	ng		0.00
7) Phenol-d6	6.38	99	2848766	171.75	ng		-0.01
23) Nitrobenzene-d5	7.30	82	1909961	139.11	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	532487	120.20	ng		-0.02
44) 2-Fluorobiphenyl	9.09	172	2139361	87.14	ng		-0.02
78) Terphenyl-d14	12.83	244	1497001	91.31	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.40	94	38237	2.09	ng		73
15) Benzyl Alcohol	6.88	79	26838	2.46	ng	#	34
19) n-Nitroso-di-n-propylamine	7.30	70	269829	28.14	ng	#	52
25) Isophorone	7.30	82	1681250	60.34	ng	#	58
31) Naphthalene	8.03	128	205758	4.90	ng		98
49) Dimethylphthalate	9.49	163	991368	34.42	ng	#	98
51) Acenaphthene	9.79	154	198344	8.05	ng		87
54) Dibenzofuran	9.96	168	144733	4.55	ng	#	80
55) 4-Nitrophenol	9.96	139	62201	15.06	ng	#	28
57) Fluorene	10.30	166	195066	7.49	ng		91
66) 4-Bromophenyl-phenylether	10.56	248	37651	5.65	ng	#	1
70) Phenanthrene	11.32	178	688174	22.21	ng		96
71) Anthracene	11.32	178	688174	21.09	ng		96
72) Carbazole	11.48	167	270333	9.38	ng		96
74) Fluoranthene	12.47	202	2675583	78.86	ng		92
77) Pyrene	12.69	202	2443471	93.48	ng	#	94
80) Benzo(a)anthracene	13.87	228	1185165	54.07	ng		94
82) Chrysene	13.91	228	853455	38.49	ng		92
85) Indeno(1,2,3-cd)pyrene	16.61	276	533575	27.16	ng	#	85
87) Benzo(b)fluoranthene	14.90	252	1686907	61.30	ng	#	87
88) Benzo(k)fluoranthene	14.90	252	1686907	77.57	ng	#	87
89) Benzo(a)pyrene	15.23	252	911003	38.53	ng	#	83
90) Dibenzo(a,h)anthracene	16.61	278	165797	8.28	ng	#	61
91) Benzo(g,h,i)perylene	17.01	276	456761	24.23	ng	#	75

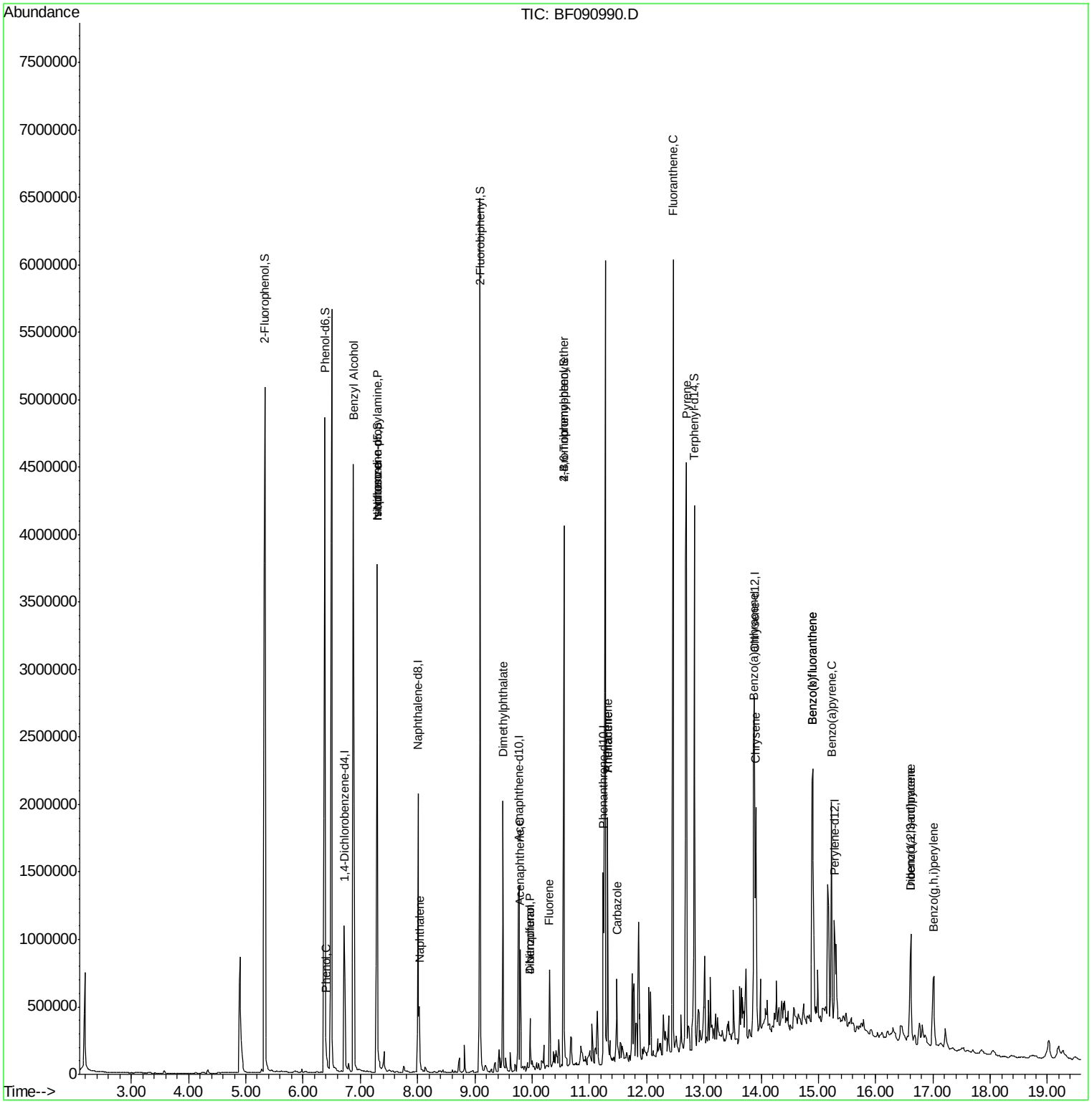
(#) = qualifier out of range (m) = manual integration (+) = signals summed

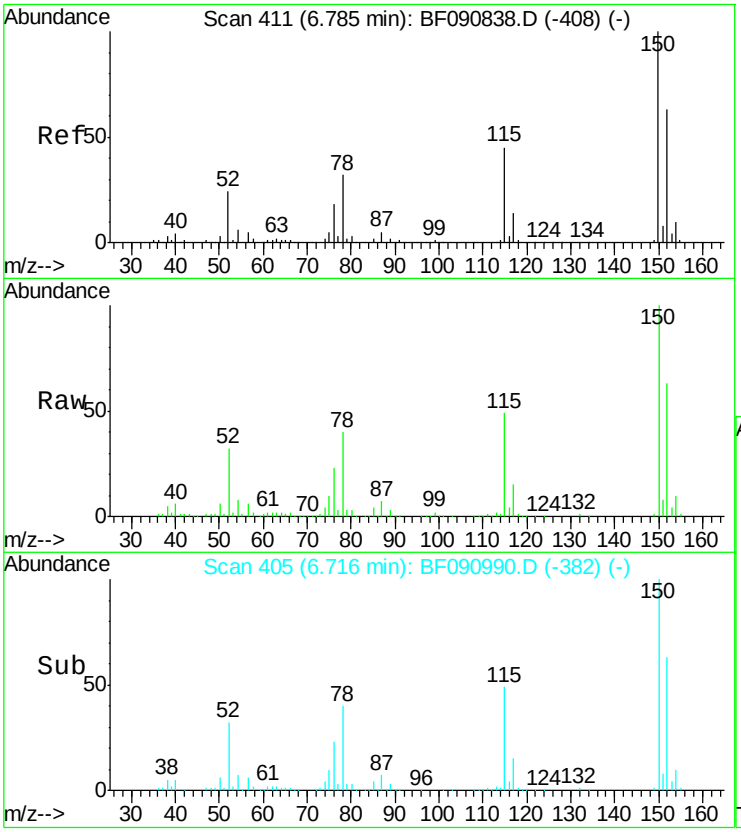
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090990.D
Acq On : 2 Nov 2016 20:02
Operator : UM/SJ
Sample : H5509-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

Quant Time: Nov 02 23:13:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration



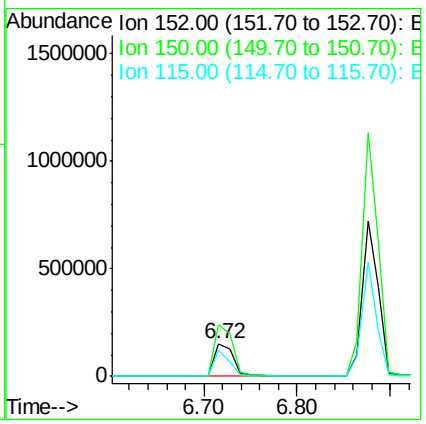


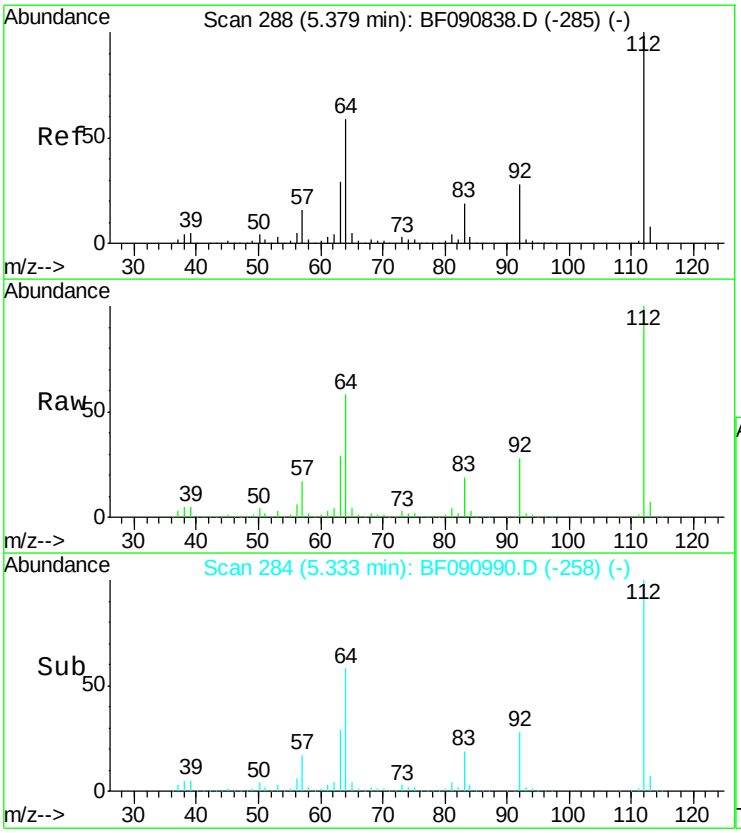
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.03 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

Tgt Ion:152 Resp: 214959

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.7	187.1
115	78.4	39.0	58.4#

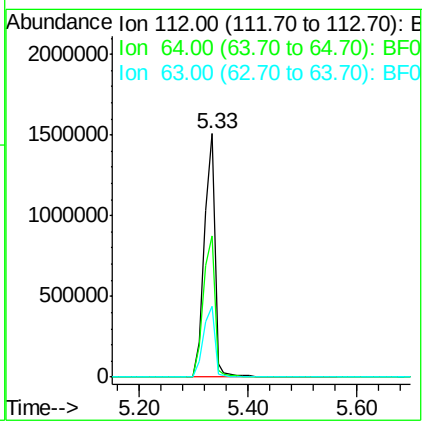


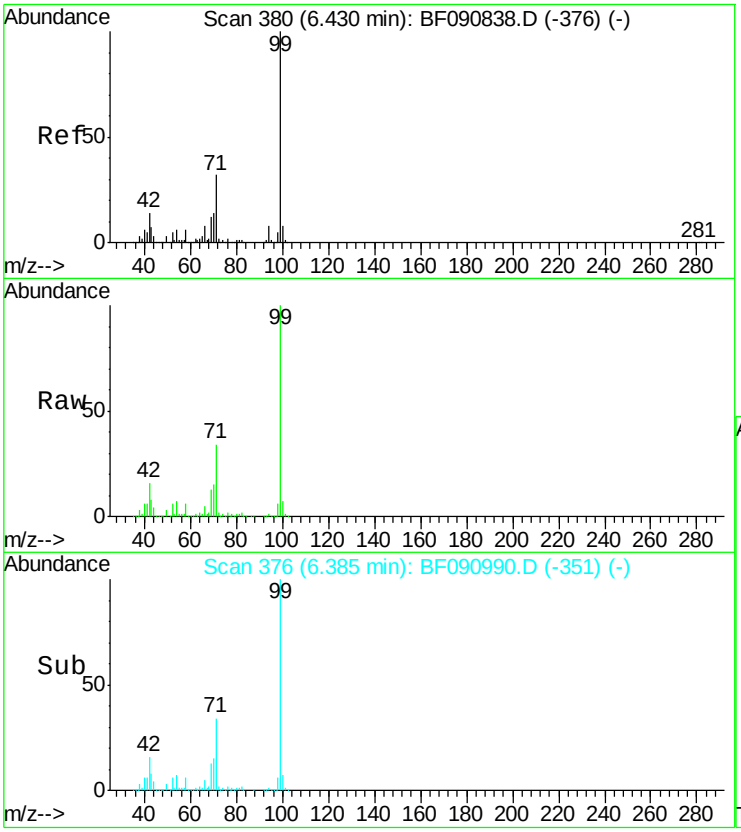


#5
2-Fluorophenol
Concen: 165.91 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.00 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Tgt Ion:112 Resp: 2039750

Ion	Ratio	Lower	Upper
112	100		
64	58.0	39.7	59.5
63	29.2	17.4	26.0#



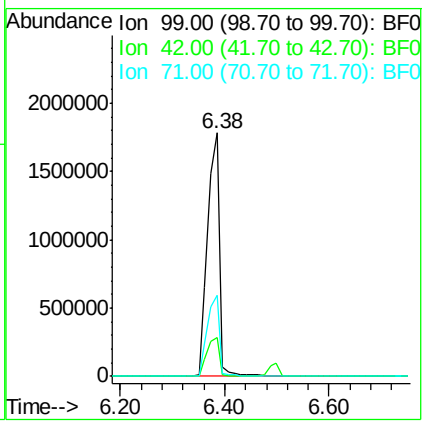


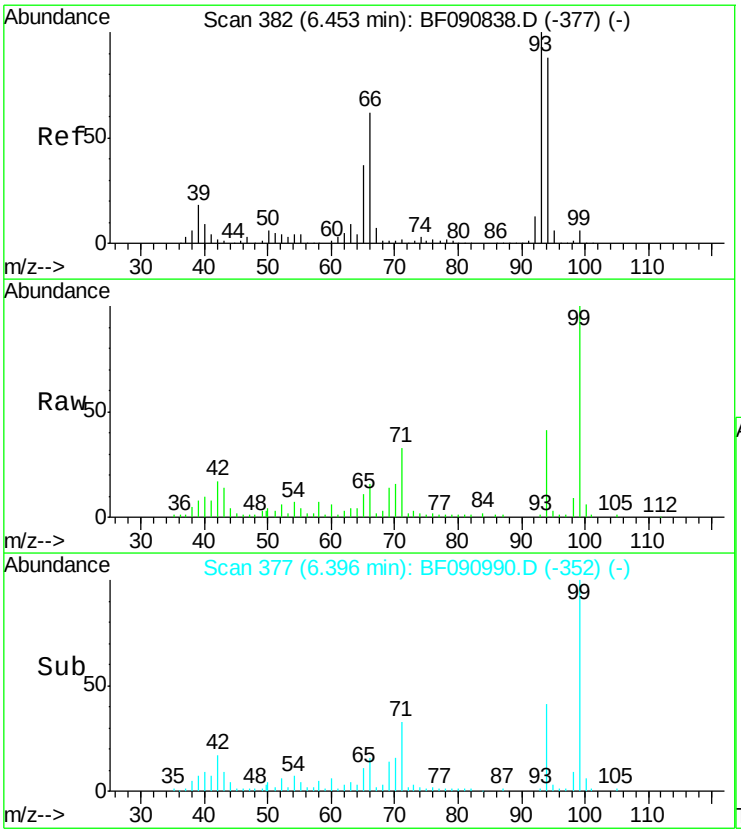
#7
Phenol-d6
Concen: 171.75 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

Tgt Ion: 99 Resp: 2848766

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.7	20.5
71	33.5	14.2	21.2#

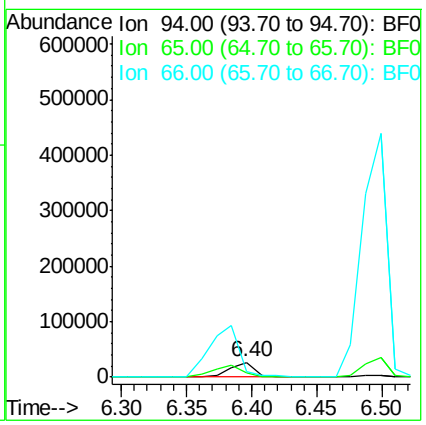


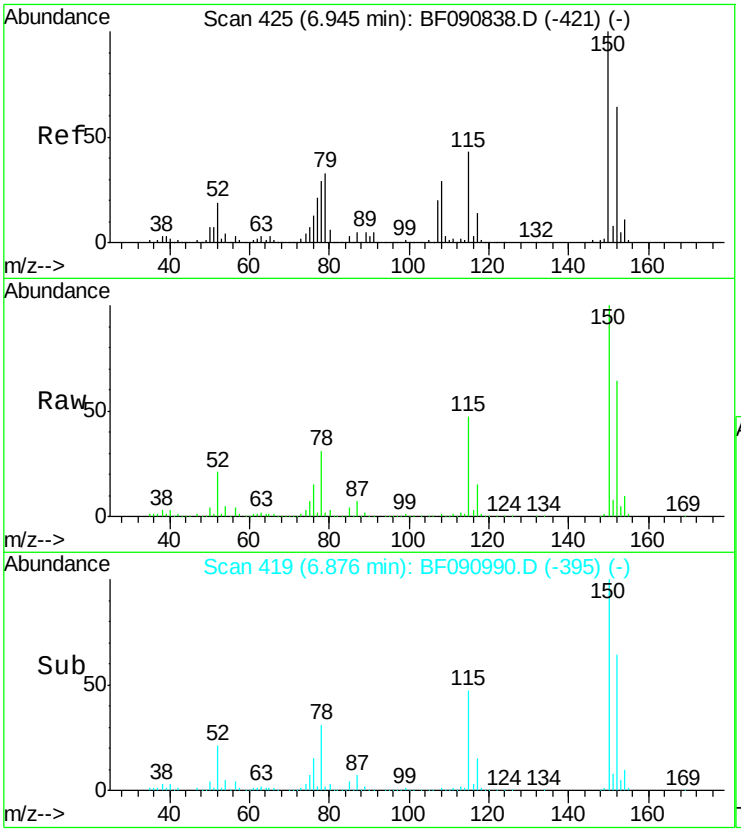


#10
Phenol
Concen: 2.09 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Tgt Ion: 94 Resp: 38237

Ion	Ratio	Lower	Upper
94	100		
65	27.2	0.7	40.7
66	39.9	0.8	40.8



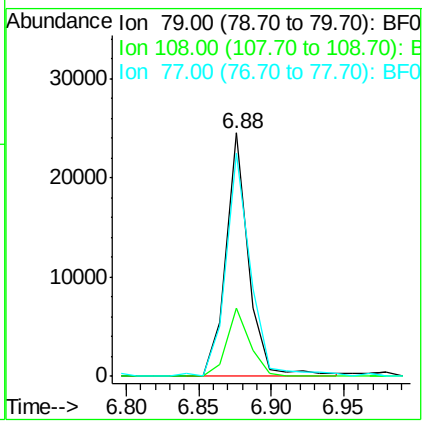


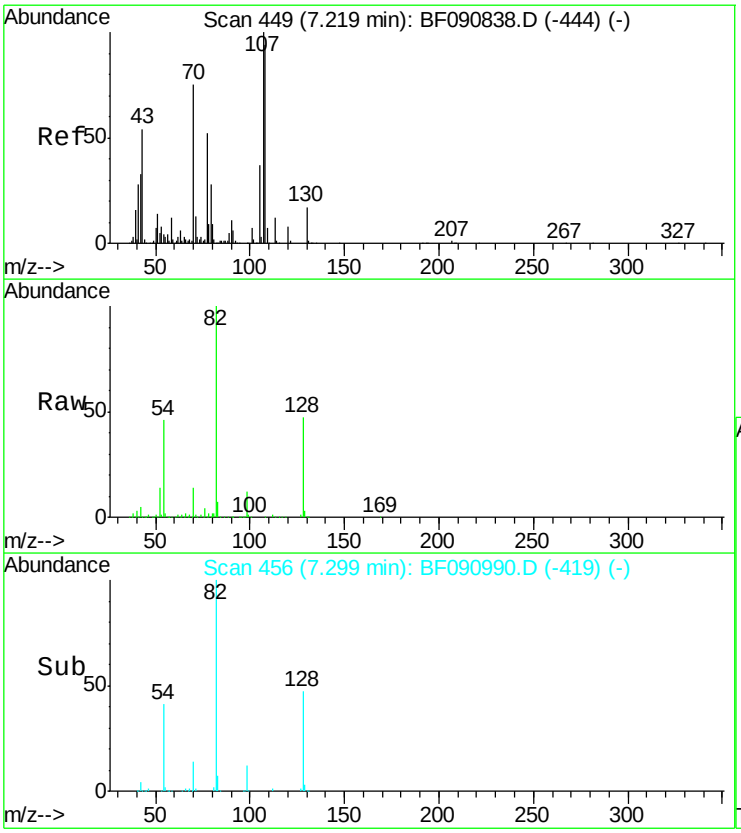
#15
Benzyl Alcohol
Concen: 2.46 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.02 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

Tgt Ion: 79 Resp: 26838

Ion	Ratio	Lower	Upper
79	100		
108	28.0	88.6	132.8#
77	91.4	47.0	70.4#

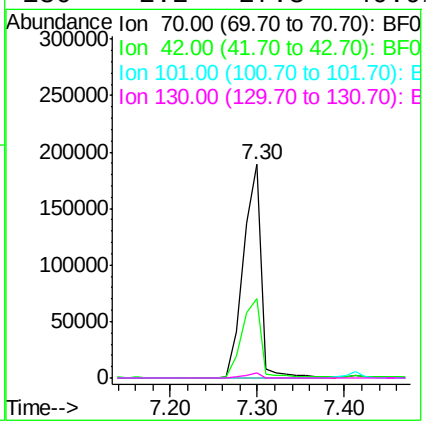


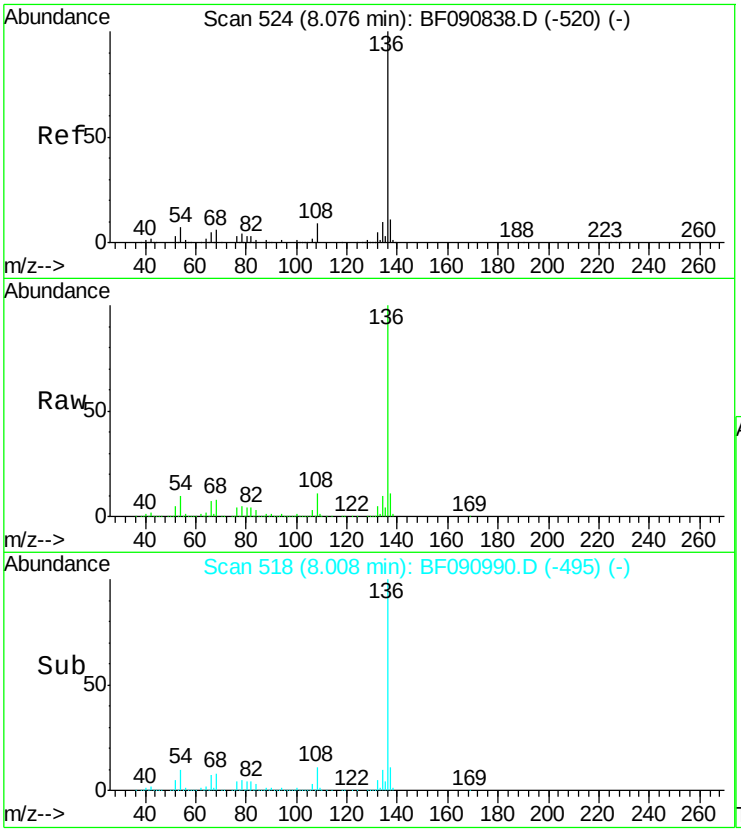


#19
n-Nitroso-di-n-propylamine
Concen: 28.14 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.13 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Tgt Ion: 70 Resp: 269829

Ion	Ratio	Lower	Upper
70	100		
42	37.5	63.8	95.6#
101	0.0	9.2	13.8#
130	2.2	27.3	40.9#



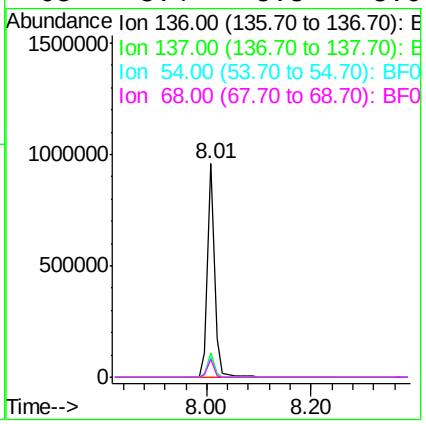


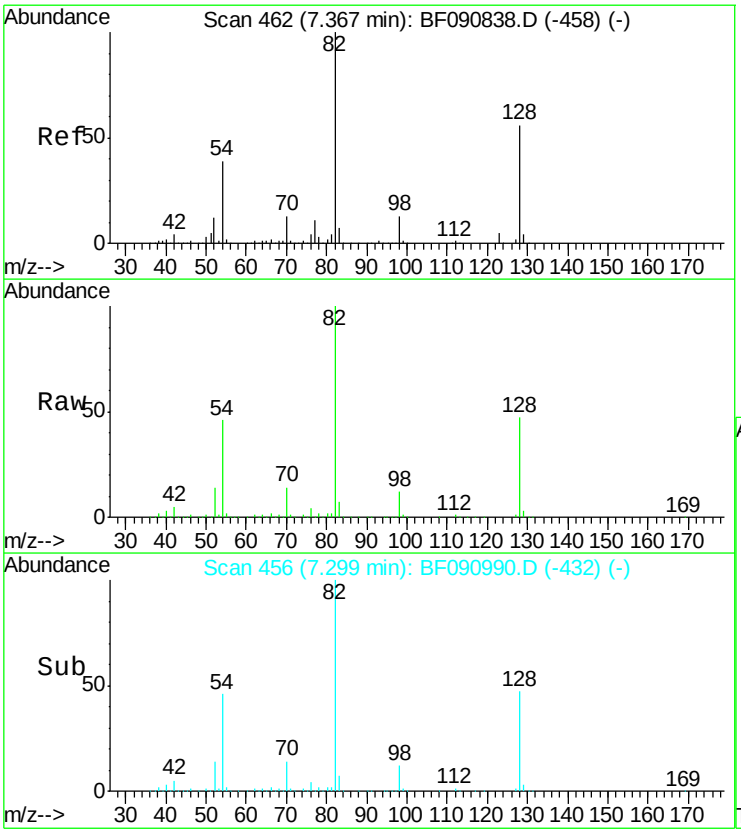
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

Tgt Ion:136 Resp: 898811

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	9.7	8.2	12.2
68	8.4	5.8	8.6

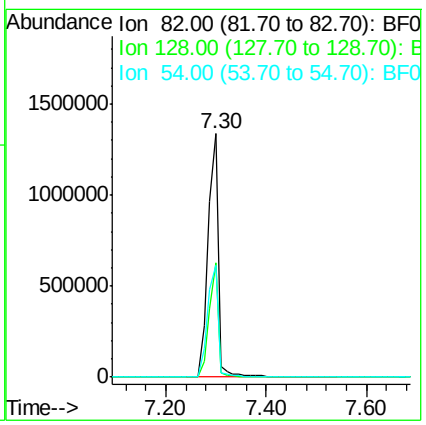


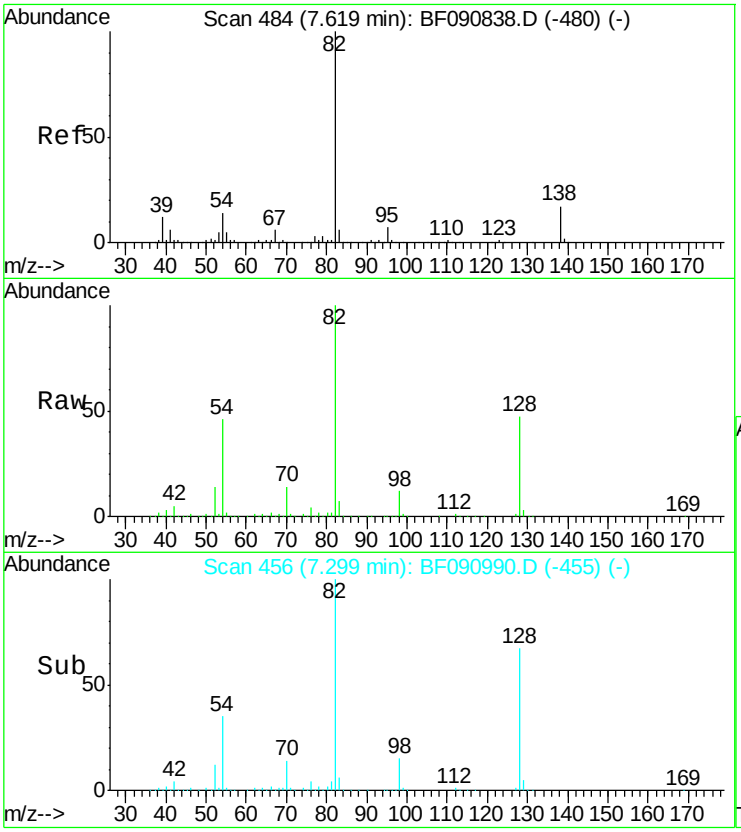


#23
Nitrobenzene-d5
Concen: 139.11 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Tgt Ion: 82 Resp: 1909961

Ion	Ratio	Lower	Upper
82	100		
128	46.9	51.0	76.6#
54	45.8	47.5	71.3#



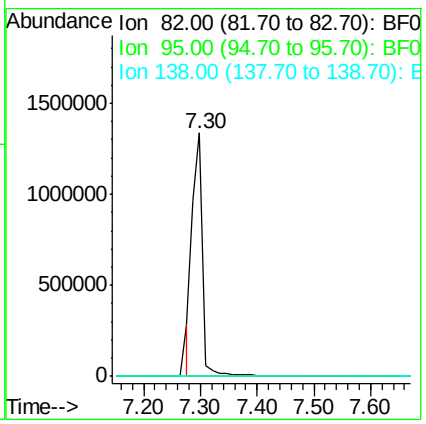


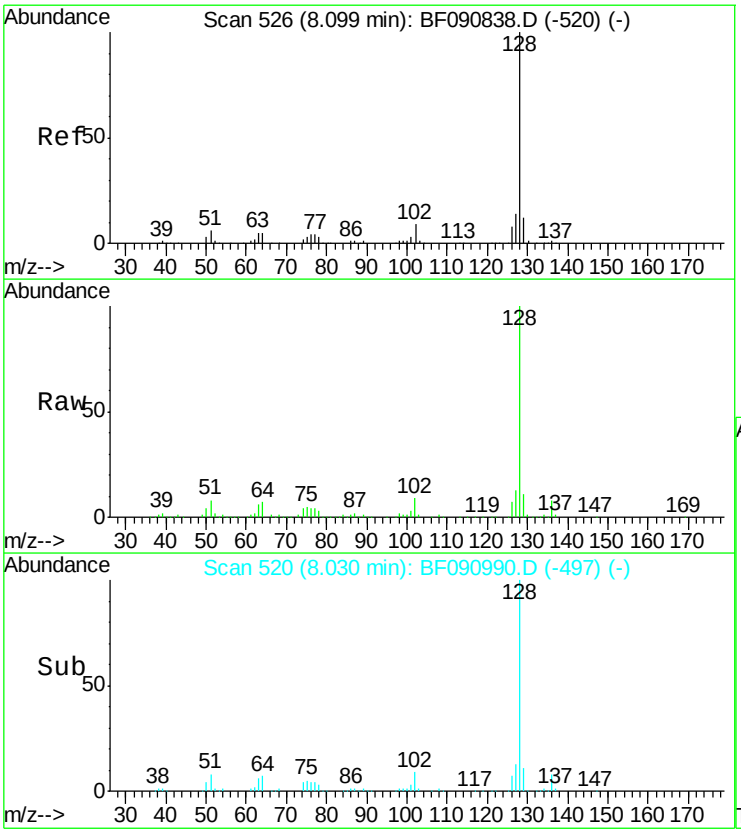
#25
Isophorone
Concen: 60.34 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.29 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

Tgt Ion: 82 Resp: 1681250

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

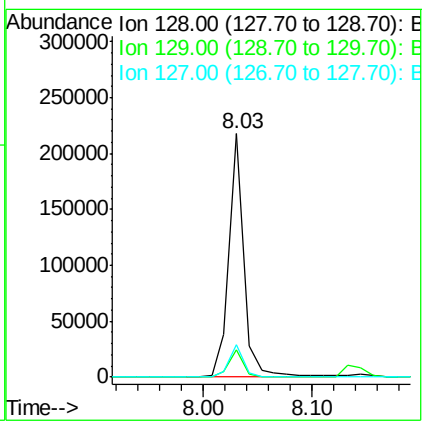


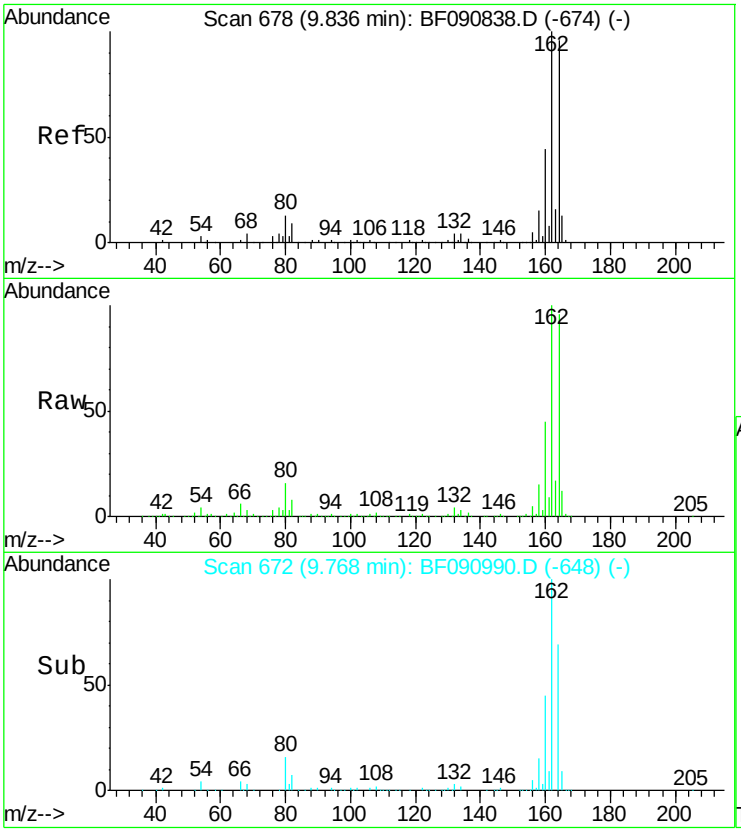


#31
Naphthalene
Concen: 4.90 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Tgt Ion:128 Resp: 205758

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.4	12.6
127	13.2	9.9	14.9



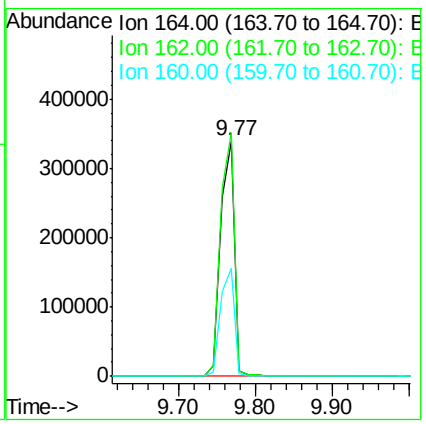


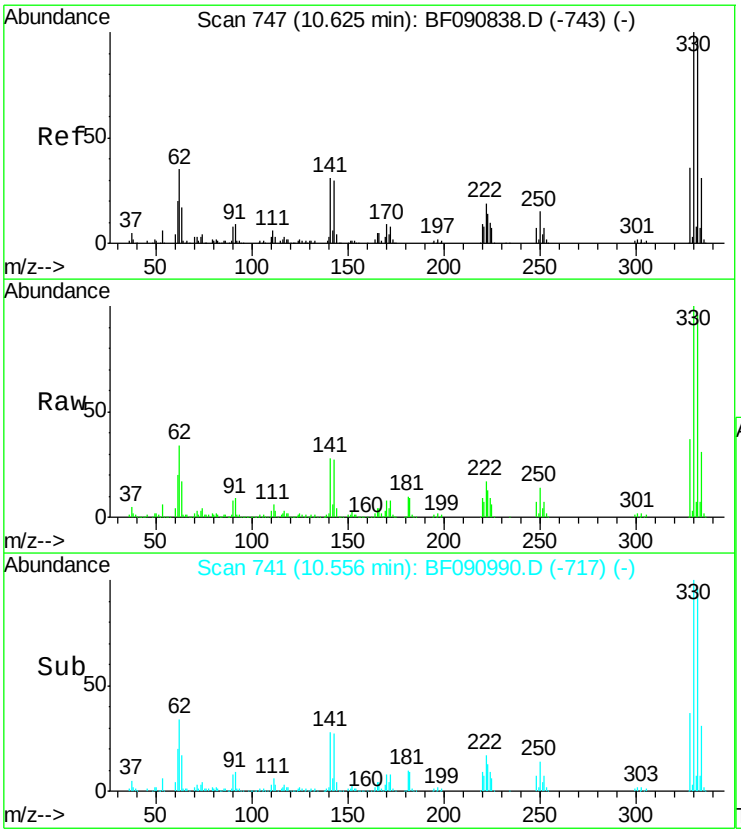
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

Tgt Ion:164 Resp: 431087

Ion	Ratio	Lower	Upper
164	100		
162	103.7	75.2	112.8
160	46.1	31.5	47.3

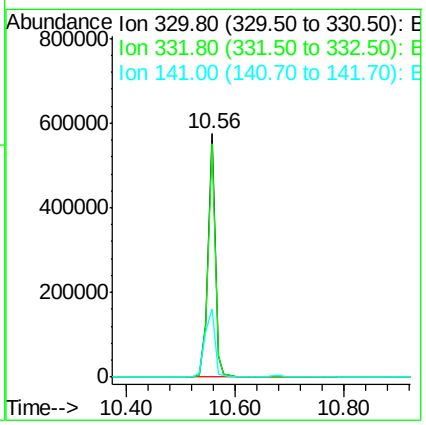


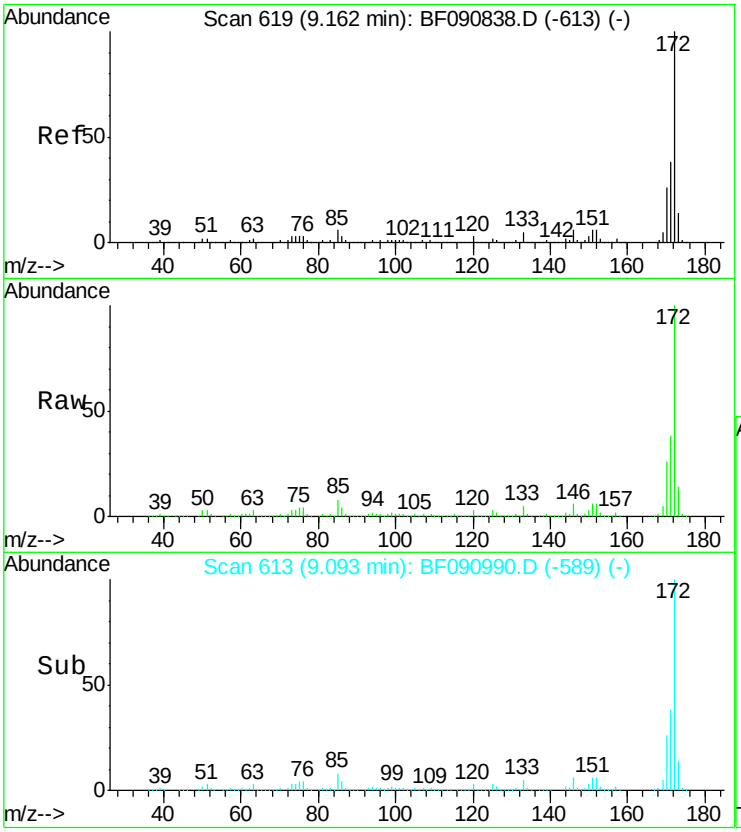


#41
2,4,6-Tribromophenol
Concen: 120.20 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Tgt Ion:330 Resp: 532487

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	37.1	29.7	44.5



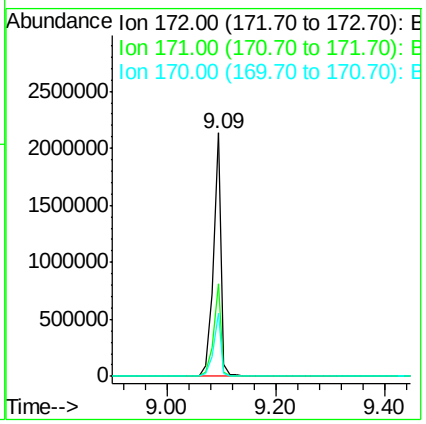


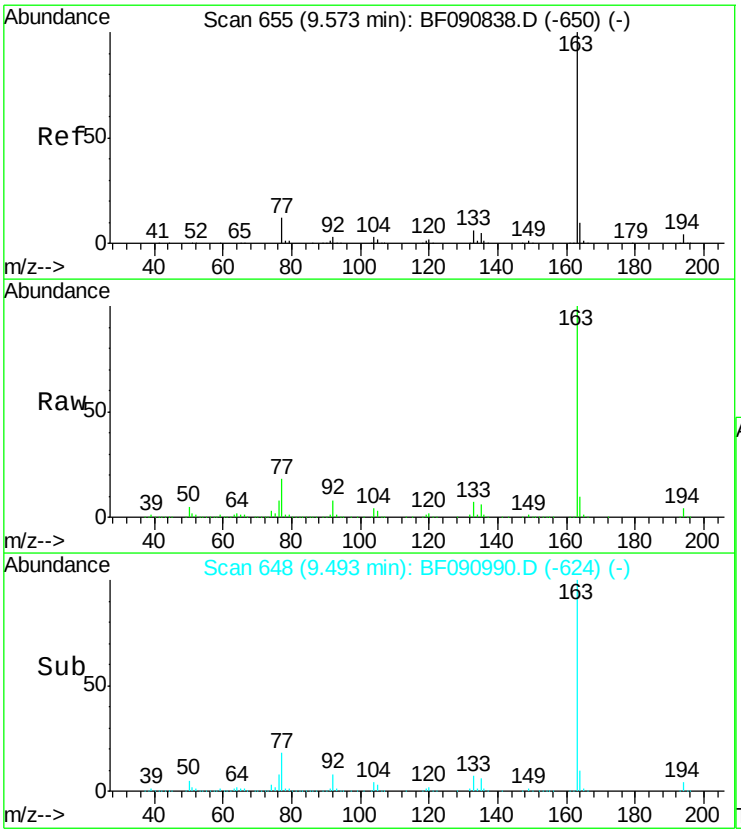
#44
2-Fluorobiphenyl
Concen: 87.14 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

Tgt Ion:172 Resp: 2139361

Ion	Ratio	Lower	Upper
172	100		
171	37.9	26.1	39.1
170	26.0	17.4	26.2

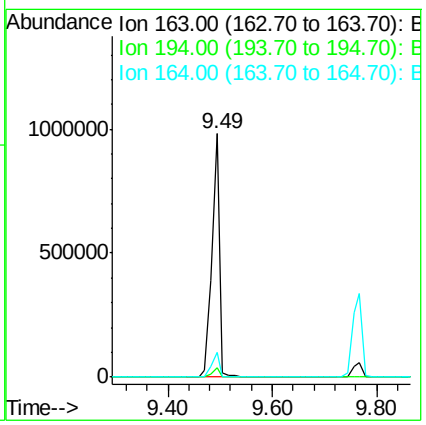


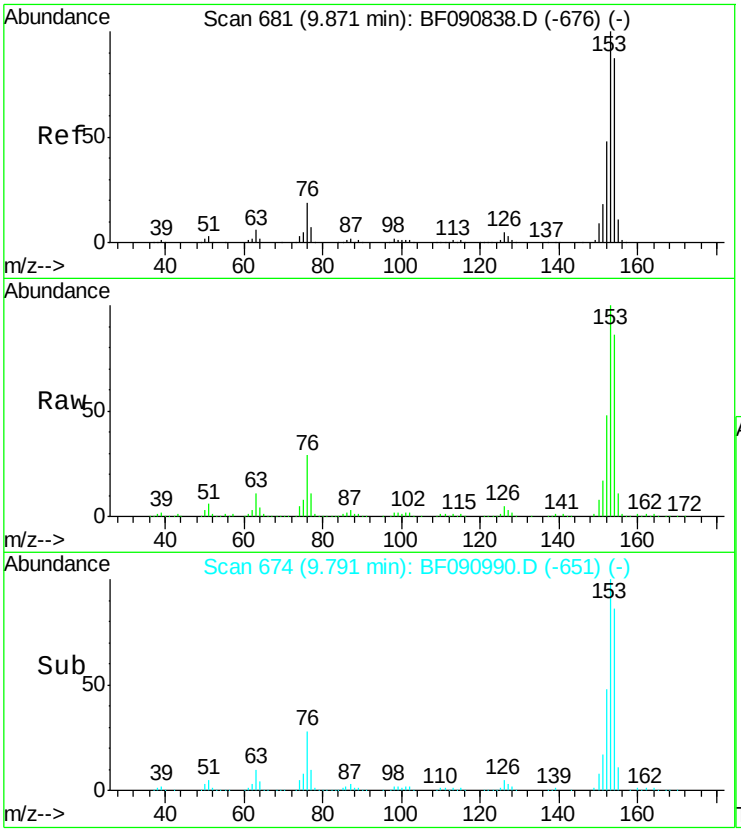


#49
Dimethylphthalate
Concen: 34.42 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Tgt Ion:163 Resp: 991368

Ion	Ratio	Lower	Upper
163	100		
194	3.6	4.4	6.6#
164	10.2	8.3	12.5



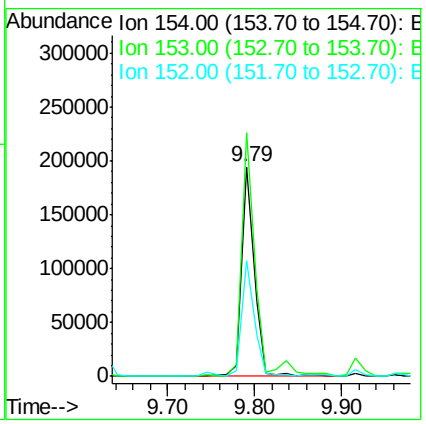


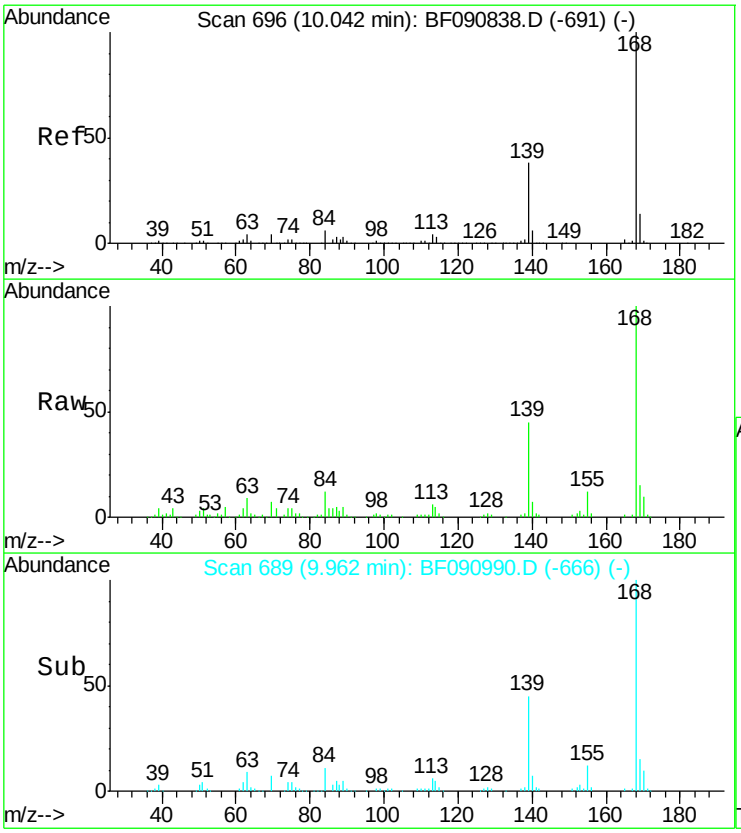
#51
Acenaphthene
Concen: 8.05 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

Tgt Ion:154 Resp: 198344

Ion	Ratio	Lower	Upper
154	100		
153	116.2	82.1	123.1
152	55.4	37.9	56.9

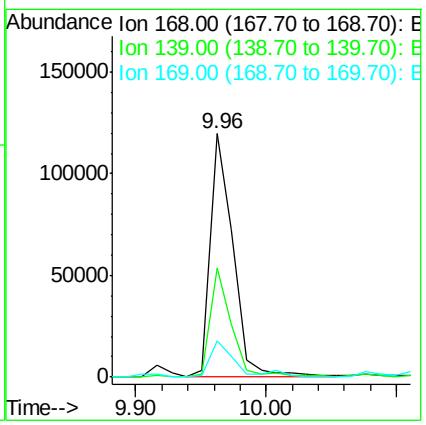


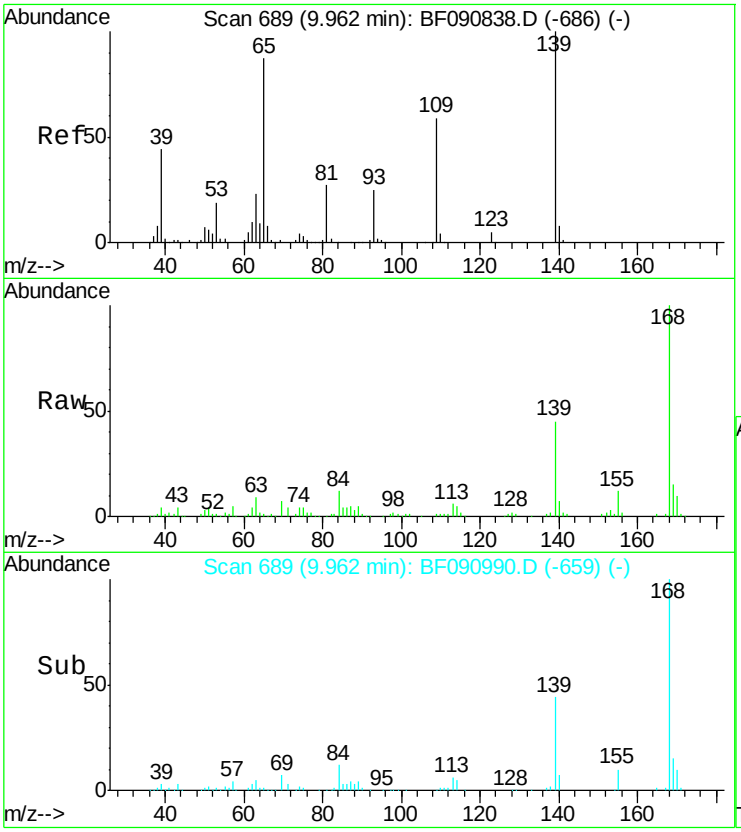


#54
Dibenzofuran
Concen: 4.55 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Tgt Ion:168 Resp: 144733

Ion	Ratio	Lower	Upper
168	100		
139	44.6	24.2	36.2#
169	14.7	10.6	15.8



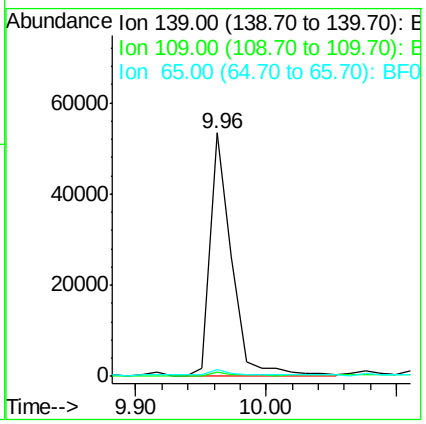


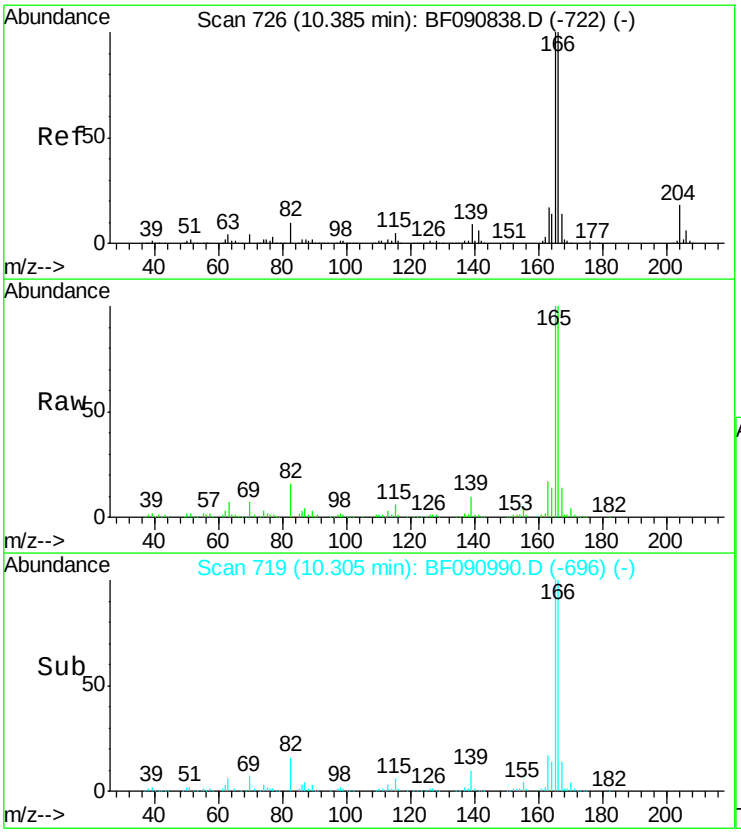
#55
4-Nitrophenol
Concen: 15.06 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.05 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

Tgt Ion:139 Resp: 62201

Ion	Ratio	Lower	Upper
139	100		
109	1.5	12.7	52.7#
65	2.7	45.9	85.9#

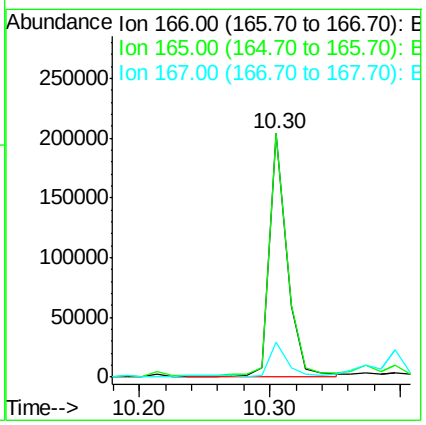


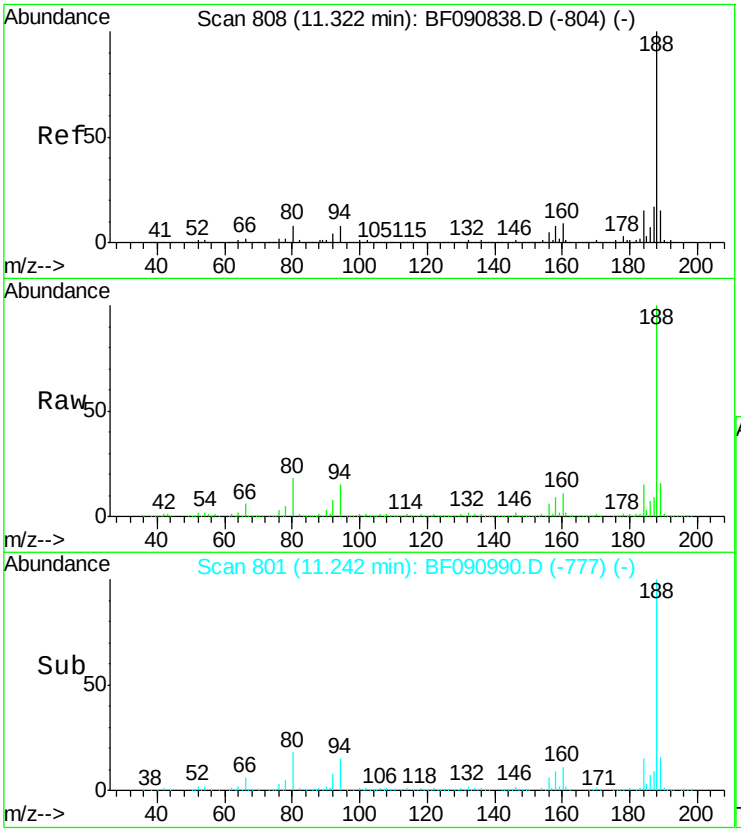


#57
Fluorene
Concen: 7.49 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.03 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Tgt Ion:166 Resp: 195066

Ion	Ratio	Lower	Upper
166	100		
165	100.0	72.6	109.0
167	14.4	10.6	16.0



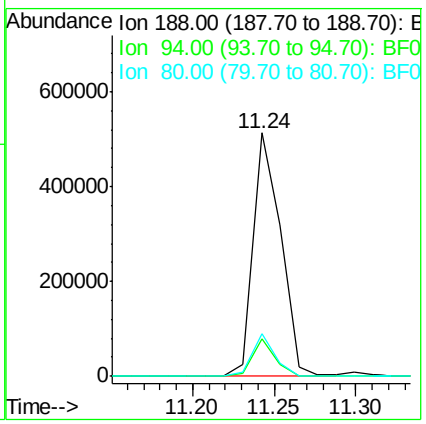


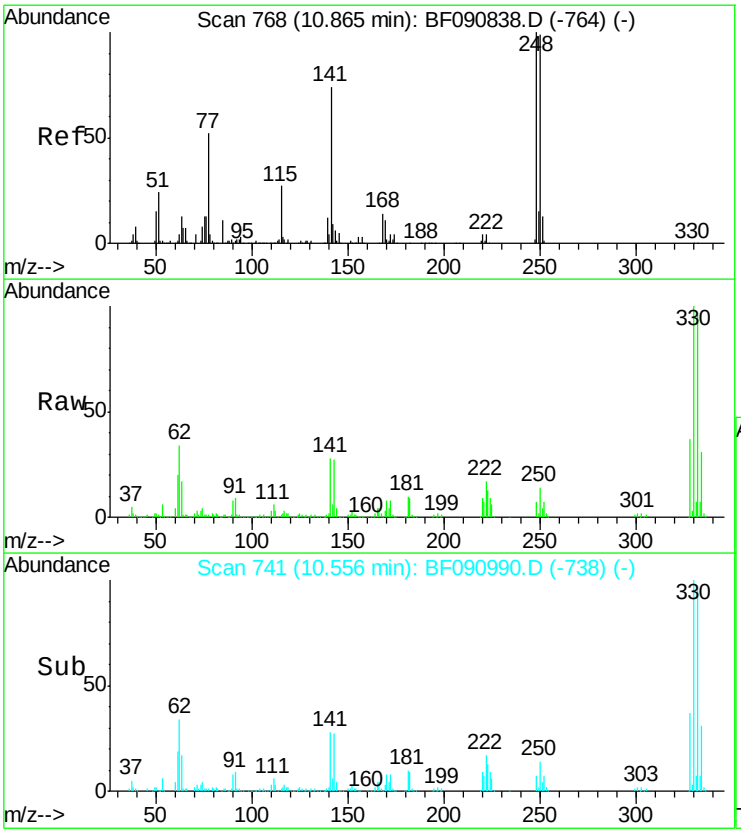
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

Tgt Ion:188 Resp: 608404

Ion	Ratio	Lower	Upper
188	100		
94	15.2	11.1	16.7
80	17.5	11.0	16.4#

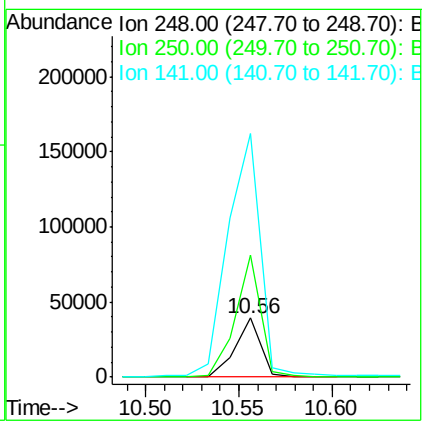


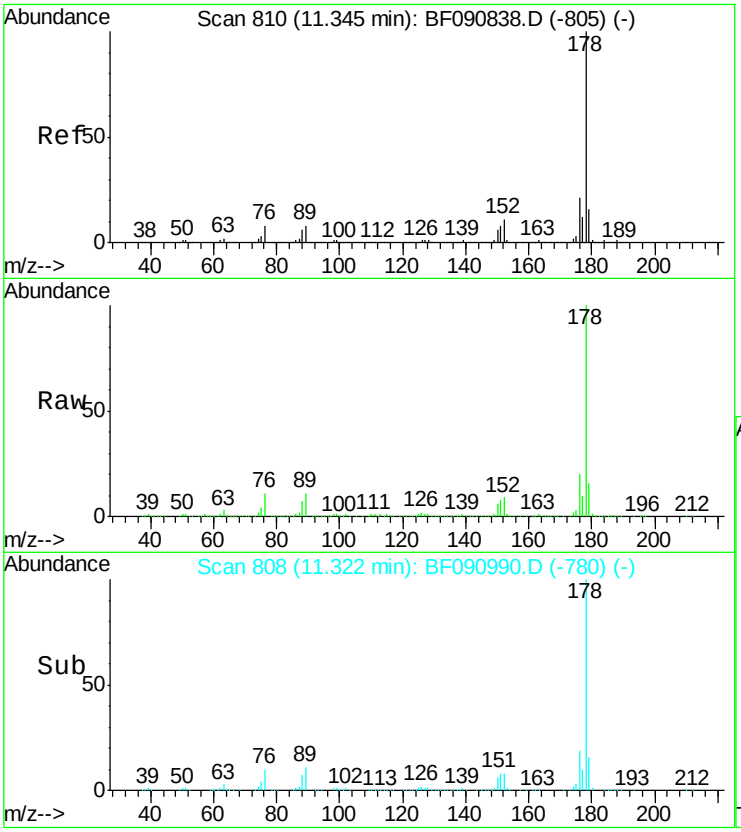


#66
4-Bromophenyl-phenylether
Concen: 5.65 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.26 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Tgt Ion:248 Resp: 37651

Ion	Ratio	Lower	Upper
248	100		
250	206.0	78.5	117.7#
141	412.5	59.0	88.6#



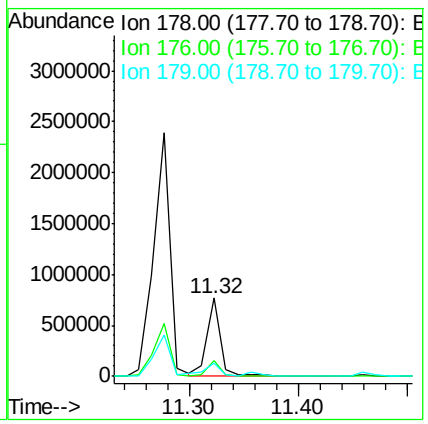


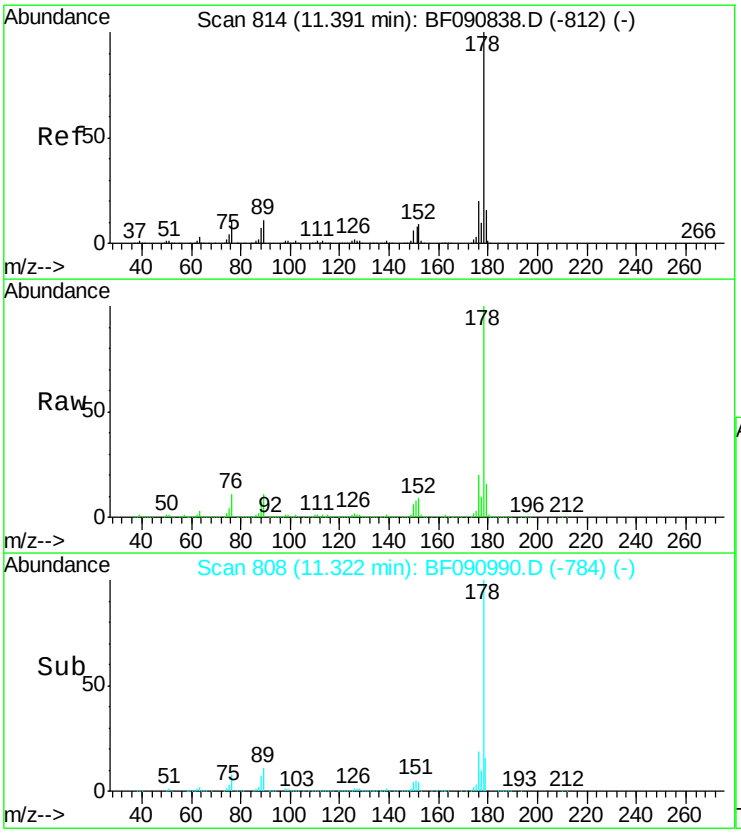
#70
Phenanthrene
Concen: 22.21 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.02 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

Tgt Ion:178 Resp: 688174

Ion	Ratio	Lower	Upper
178	100		
176	19.5	13.8	20.8
179	16.3	12.2	18.2

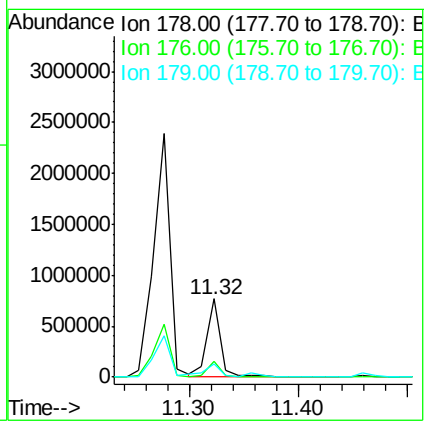


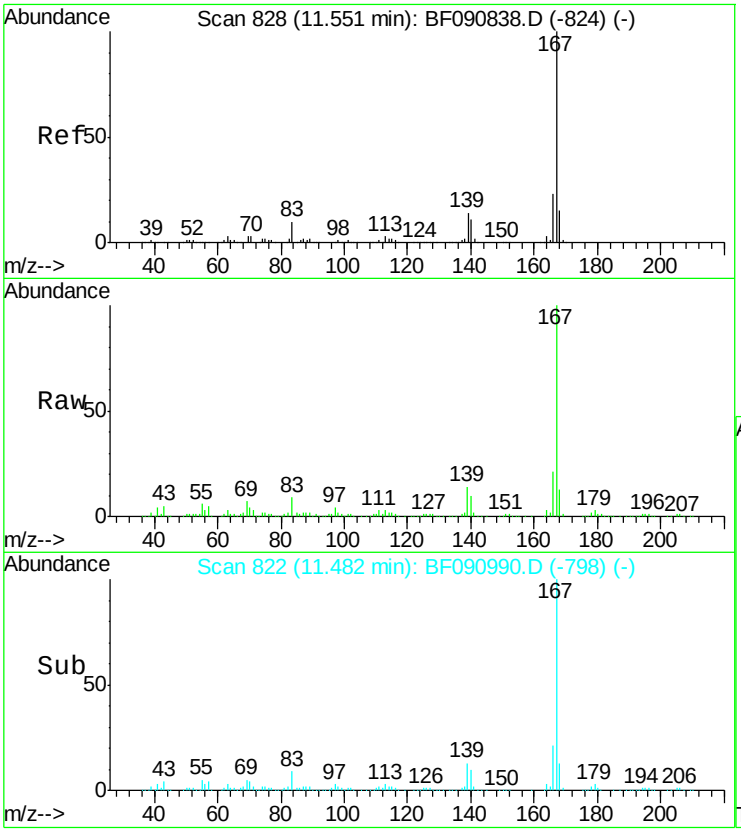


#71
Anthracene
Concen: 21.09 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Tgt Ion:178 Resp: 688174

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.1	21.1
179	16.3	12.2	18.2



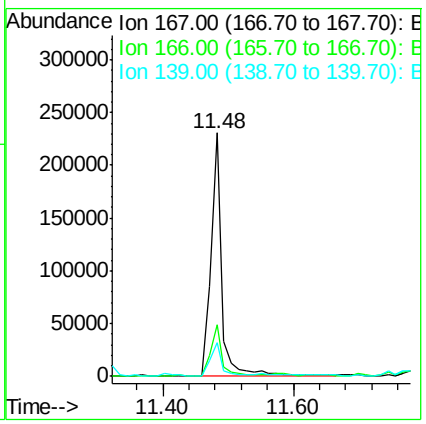


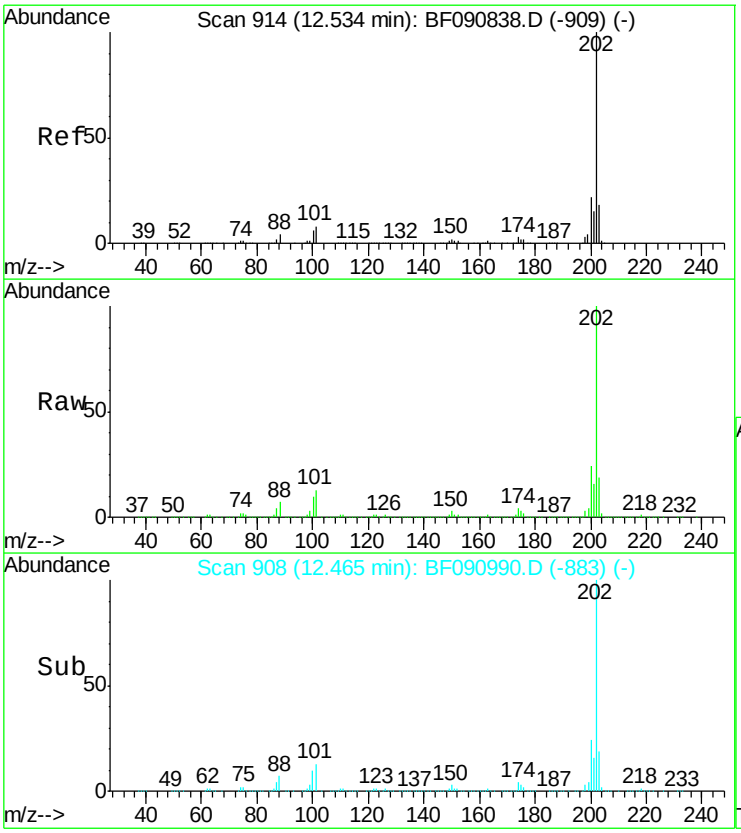
#72
Carbazole
Concen: 9.38 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

Tgt Ion:167 Resp: 270333

Ion	Ratio	Lower	Upper
167	100		
166	21.3	15.7	23.5
139	13.7	9.5	14.3

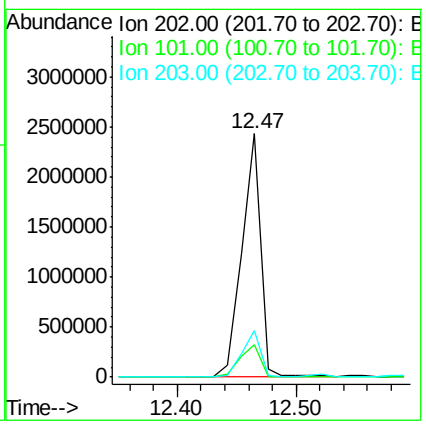


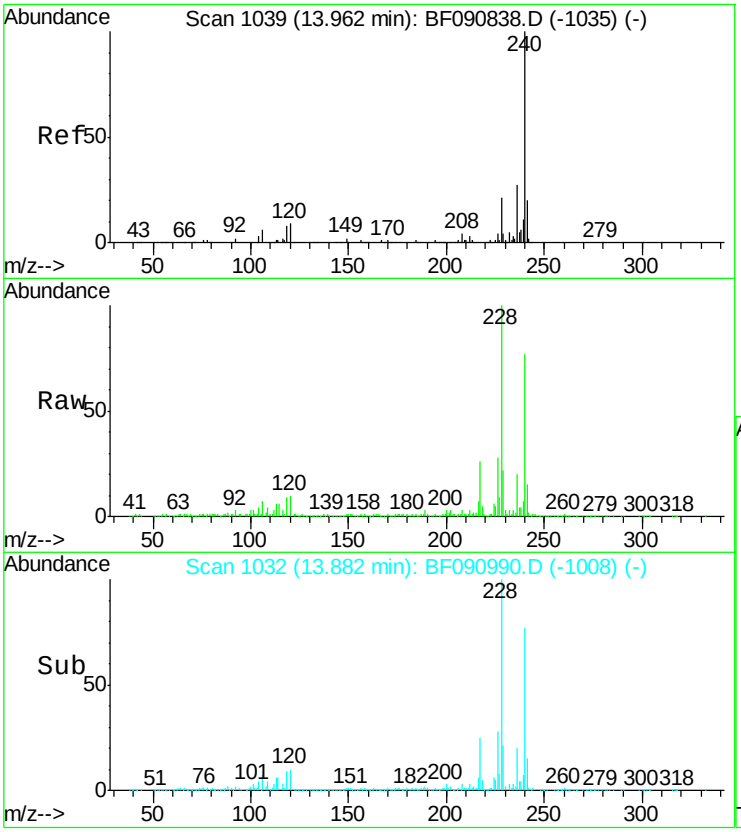


#74
Fluoranthene
Concen: 78.86 ng
RT: 12.47 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Tgt Ion:202 Resp: 2675583

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	38.3
203	19.3	0.0	37.3



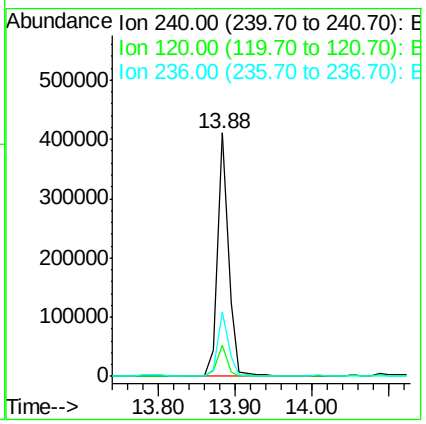


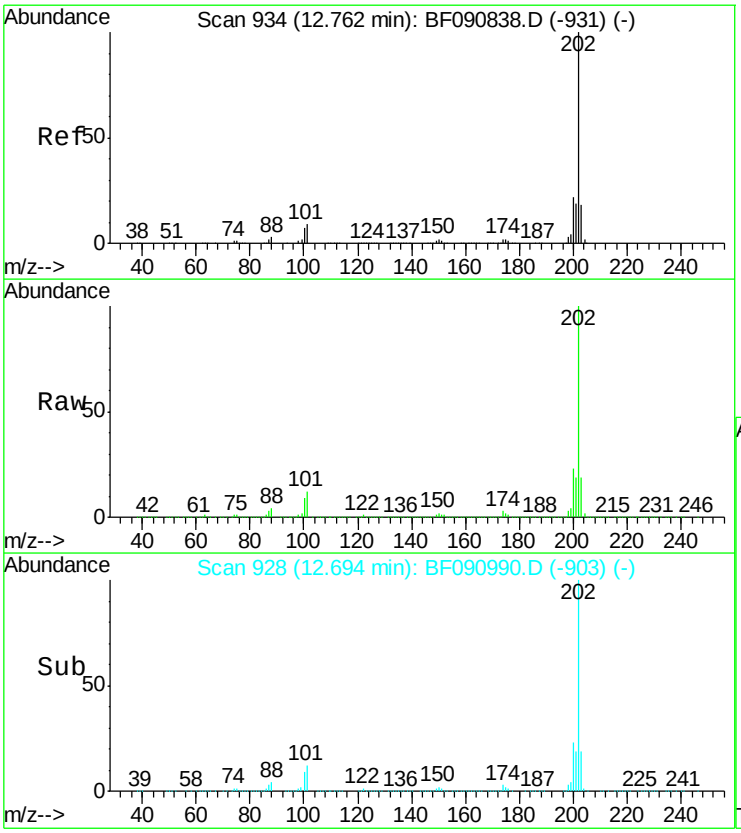
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

Tgt Ion:240 Resp: 413042

Ion	Ratio	Lower	Upper
240	100		
120	13.0	16.2	24.2#
236	26.4	18.4	27.6

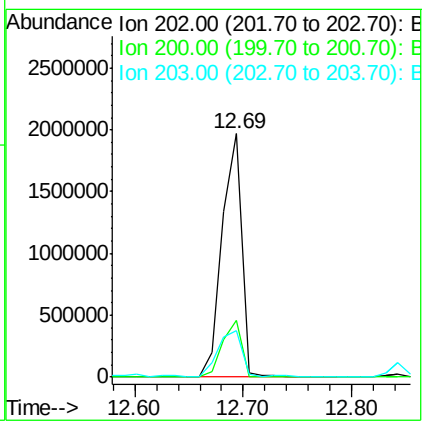


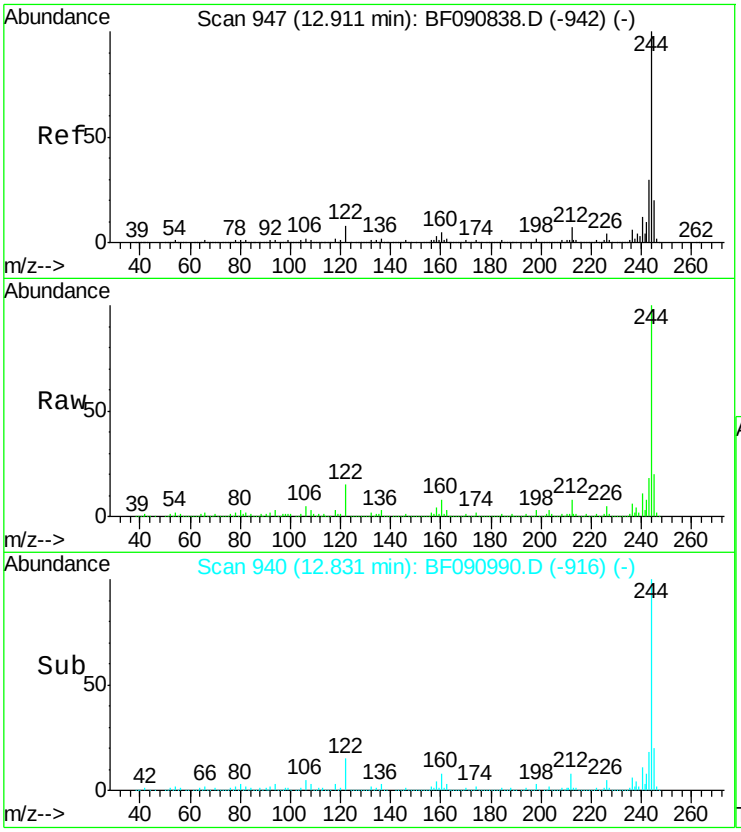


#77
Pyrene
Concen: 93.48 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Tgt Ion:202 Resp: 2443471

Ion	Ratio	Lower	Upper
202	100		
200	23.1	15.0	22.4#
203	18.8	14.1	21.1



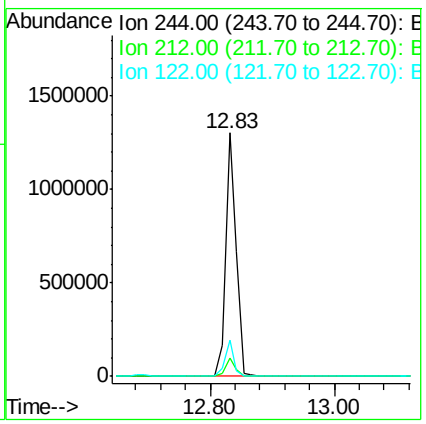


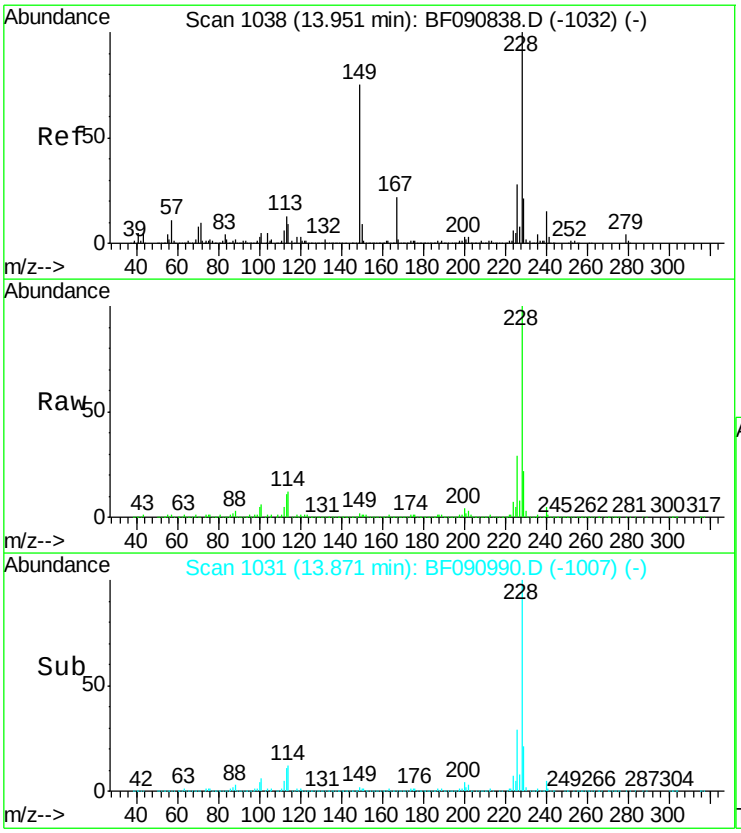
#78
Terphenyl-d14
Concen: 91.31 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

Tgt Ion:244 Resp: 1497001

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	14.9	17.4	26.2#

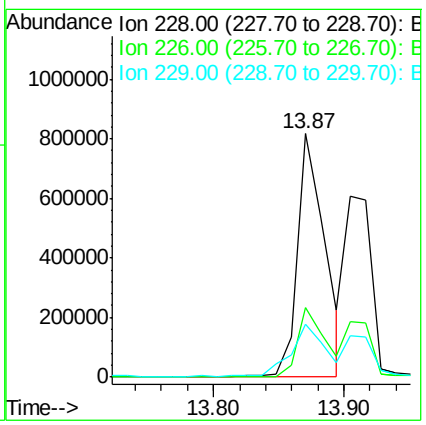


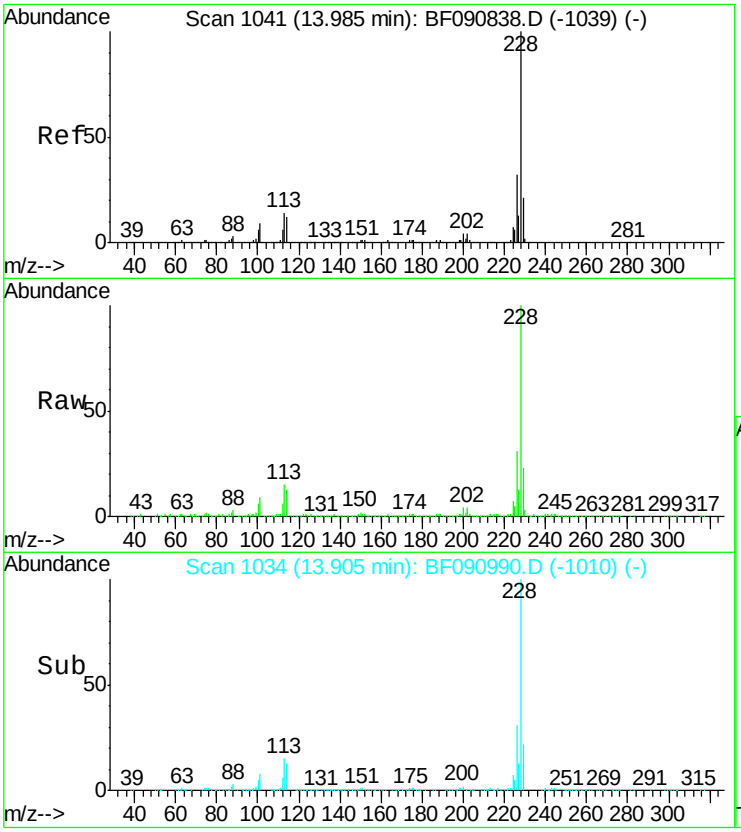


#80
Benzo(a)anthracene
Concen: 54.07 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Tgt Ion:228 Resp: 1185165

Ion	Ratio	Lower	Upper
228	100		
226	28.7	20.0	30.0
229	21.6	15.4	23.2



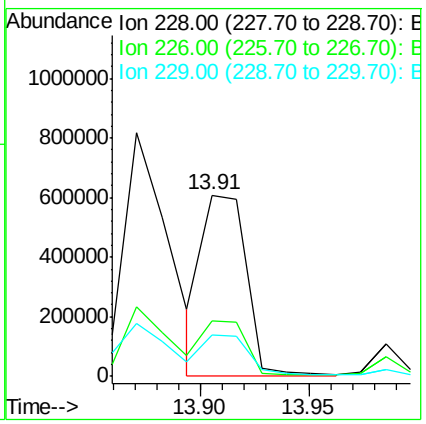


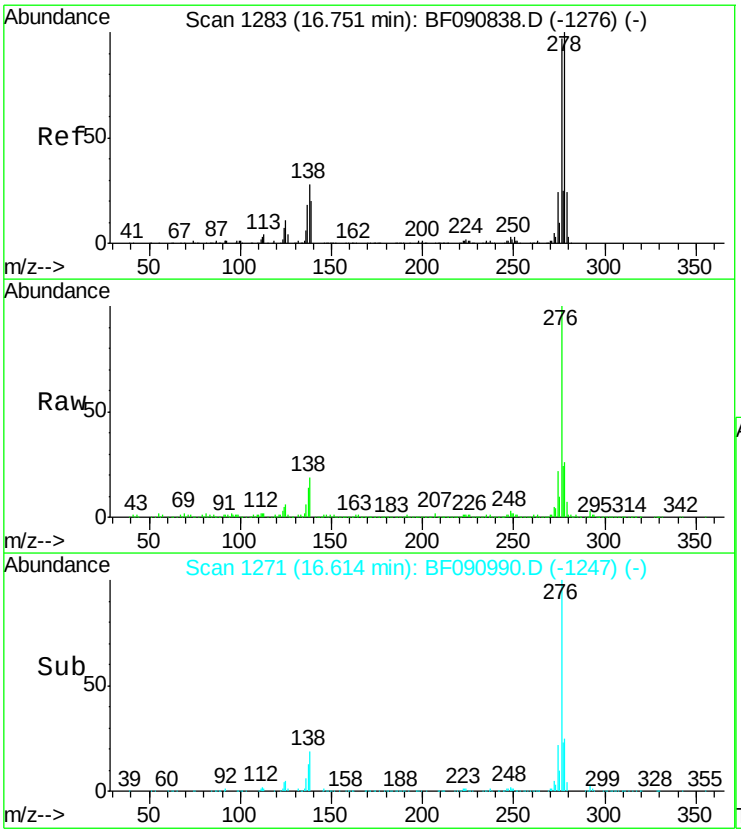
#82
Chrysene
Concen: 38.49 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

Tgt Ion:228 Resp: 853455

Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.0	31.4
229	22.8	15.6	23.4

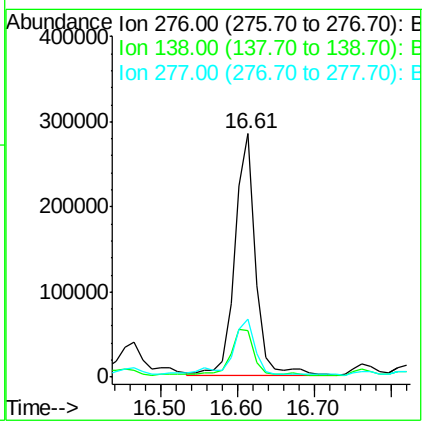


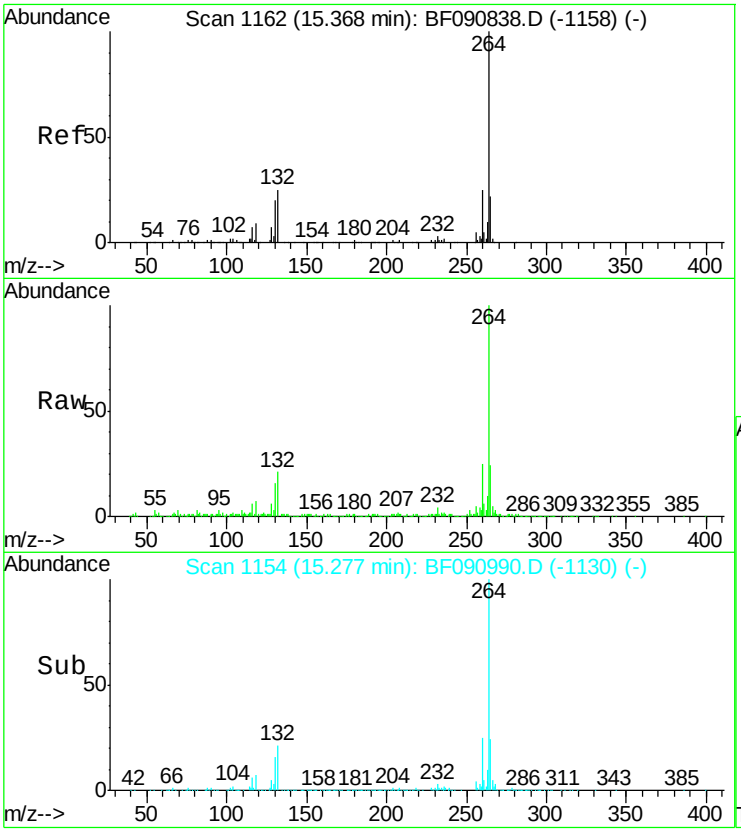


#85
Indeno(1,2,3-cd)pyrene
Concen: 27.16 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Tgt Ion:276 Resp: 533575

Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.7	38.5#
277	25.2	15.6	23.4#



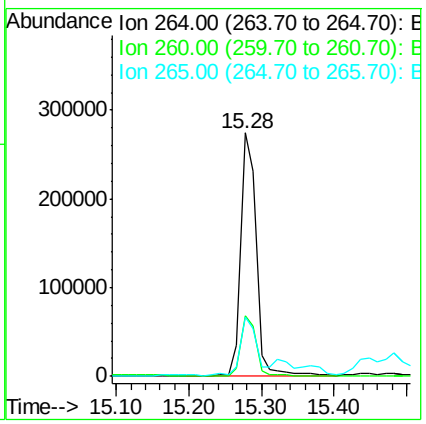


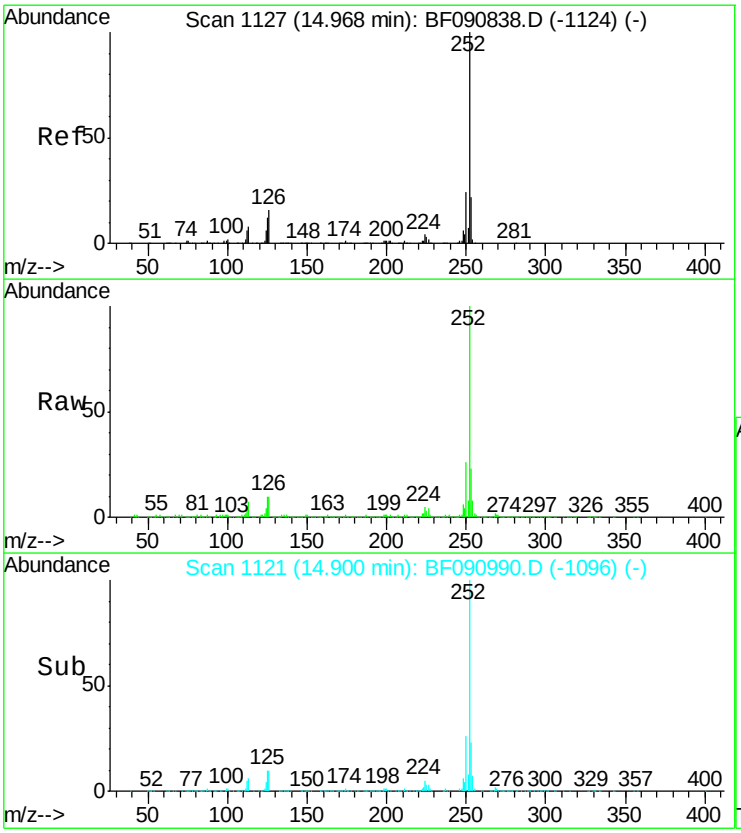
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

Tgt Ion:264 Resp: 409261

Ion	Ratio	Lower	Upper
264	100		
260	24.9	16.7	25.1
265	24.1	17.2	25.8

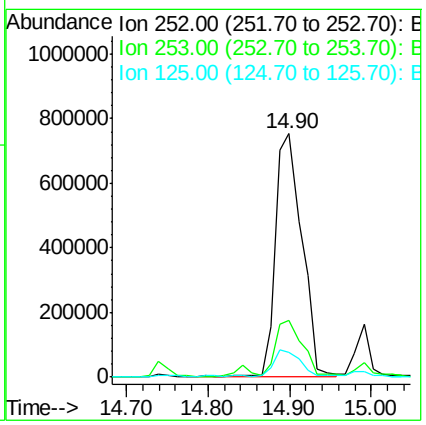


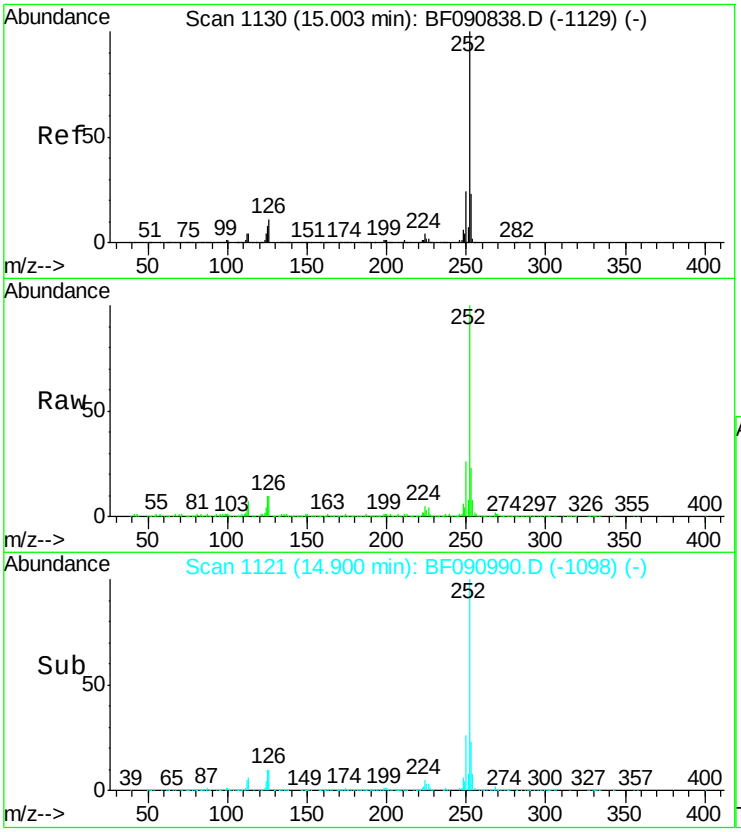


#87
Benzo(b)fluoranthene
Concen: 61.30 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Tgt Ion:252 Resp: 1686907

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	10.1	17.1	25.7#



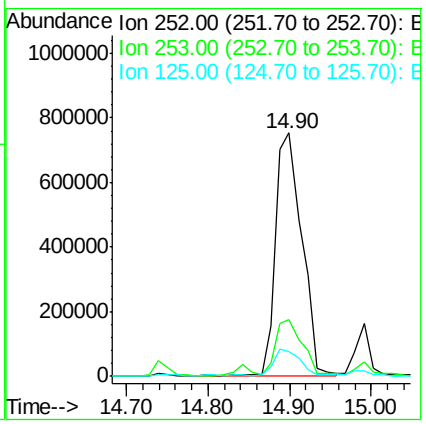


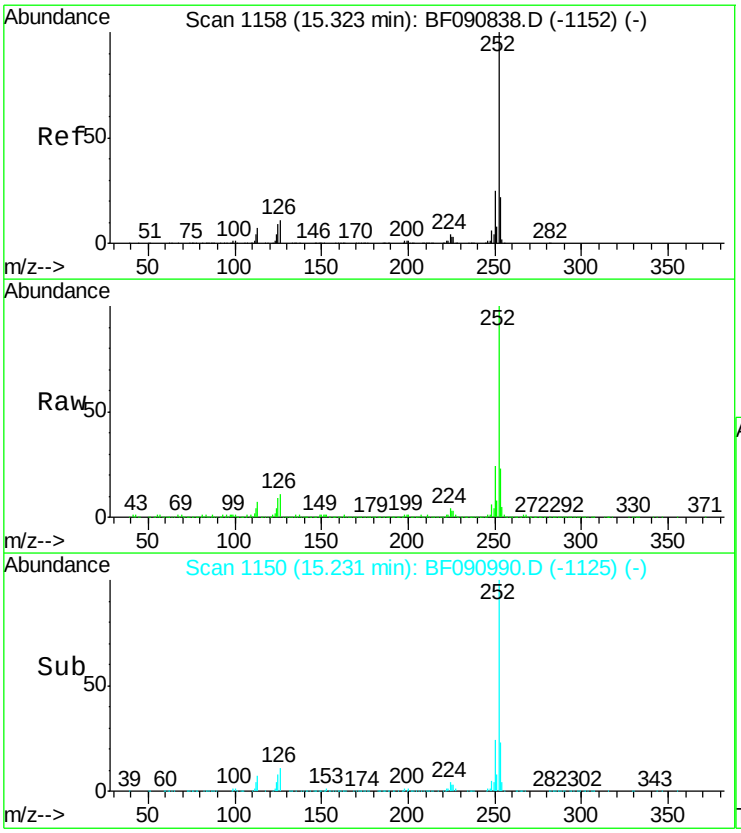
#88
Benzo(k)fluoranthene
Concen: 77.57 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.03 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

Tgt Ion:252 Resp: 1686907

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	10.1	16.0	24.0#

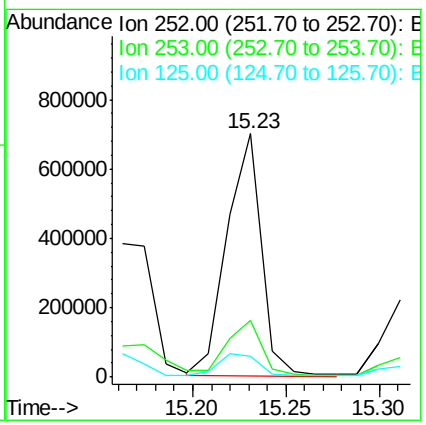


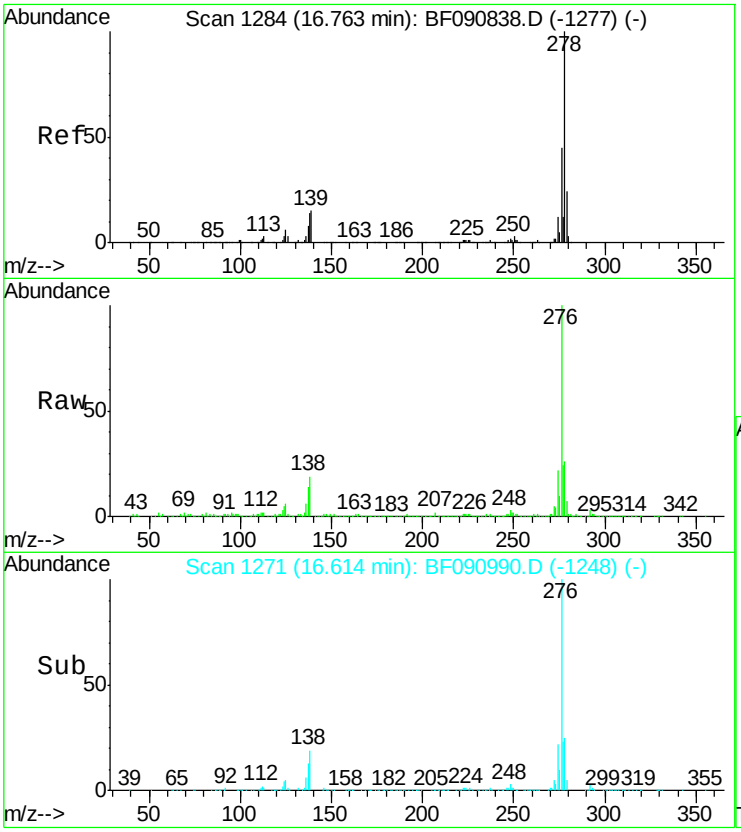


#89
Benzo(a)pyrene
Concen: 38.53 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Tgt Ion:252 Resp: 911003

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	8.7	18.0	27.0#



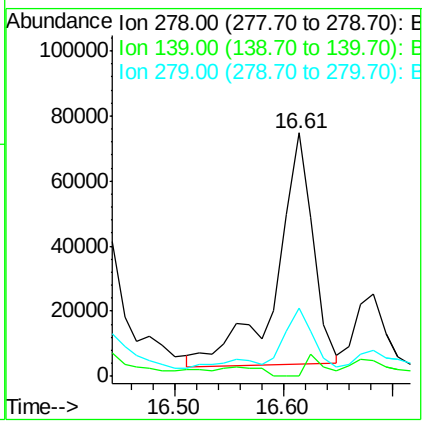


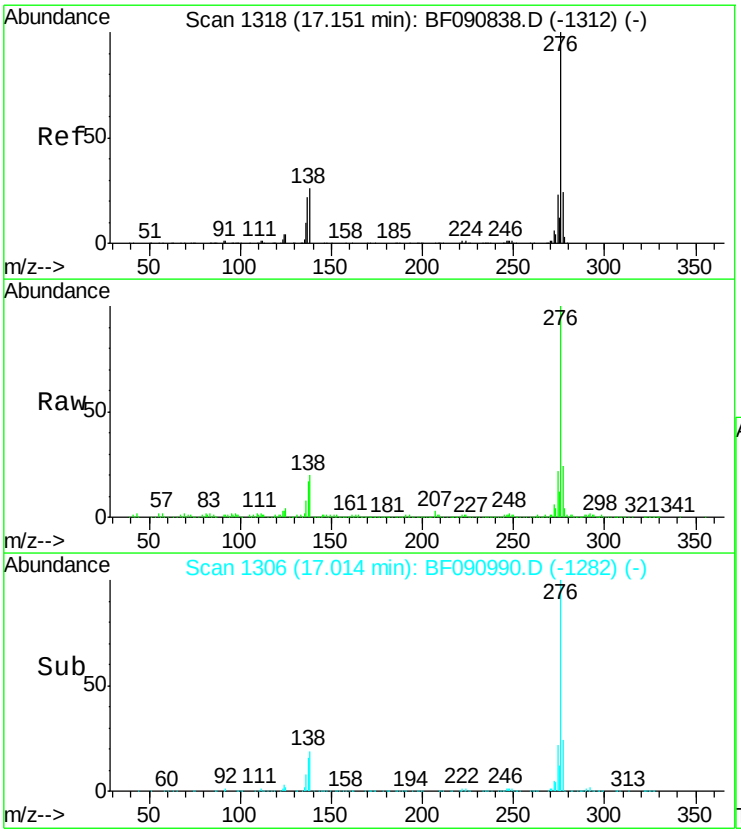
#90
Dibenzo(a,h)anthracene
Concen: 8.28 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

Tgt Ion:278 Resp: 165797

Ion	Ratio	Lower	Upper
278	100		
139	0.0	26.3	39.5#
279	27.8	18.2	27.4#





#91
Benzo(g,h,i)perylene
Concen: 24.23 ng
RT: 17.01 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF090990.D
Acq: 2 Nov 2016 20:02

Tgt Ion:276 Resp: 456761

Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.8	26.6
138	20.3	34.6	51.8#