Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091040.D
Acq On : 5 Nov 2016 00:19
Operator : UM/SJ
Sample : H5526-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-108-0.5-1.0

Quant Time: Nov 05 00:22:58 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	194437	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	727479	20.00	ng		-0.01
38) Acenaphthene-d10	9.74	164	369584	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	474260	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	428357	20.00	ng		0.00
86) Perylene-d12	15.24	264	312010	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1399245	118.85	ng		0.02
7) Phenol-d6	6.36	99	1749437	109.48	ng		0.01
23) Nitrobenzene-d5	7.28	82	1117199	83.77	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	318185	95.23	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1504681	70.09	ng		0.00
78) Terphenyl-d14	12.81	244	1271260	74.06	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.48	77	28219	3.18	ng		90
19) n-Nitroso-di-n-propylamine	7.28	70	151811	13.71	ng	#	75
25) Isophorone	7.28	82	1072842	41.75	ng	#	67
49) Dimethylphthalate	9.47	163	624472	25.77	ng		99
55) 4-Nitrophenol	9.95	139	2955	6.40	ng	#	45
56) 2,4-Dinitrotoluene	9.74	165	49416	7.48	ng	#	26
66) 4-Bromophenyl-phenylether	10.53	248	22673	4.60	ng	#	1
70) Phenanthrene	11.24	178	163572	6.49	ng		97
74) Fluoranthene	12.43	202	299125	11.44	ng		97
77) Pyrene	12.66	202	272818	9.73	ng		97
79) Butylbenzylphthalate	13.28	149	47010	3.50	ng	#	70
80) Benzo(a)anthracene	13.85	228	167420	6.88	ng		99
82) Chrysene	13.85	228	167420	6.98	ng		97
85) Indeno(1,2,3-cd)pyrene	16.56	276	57135	2.87	ng		96
87) Benzo(b)fluoranthene	14.85	252	216634	10.24	ng	#	95
88) Benzo(k)fluoranthene	14.85	252	216634	11.67	ng		99
89) Benzo(a)pyrene	15.19	252	93087	5.05	ng	#	90
91) Benzo(g,h,i)perylene	16.95	276	51023	3.54	ng		94

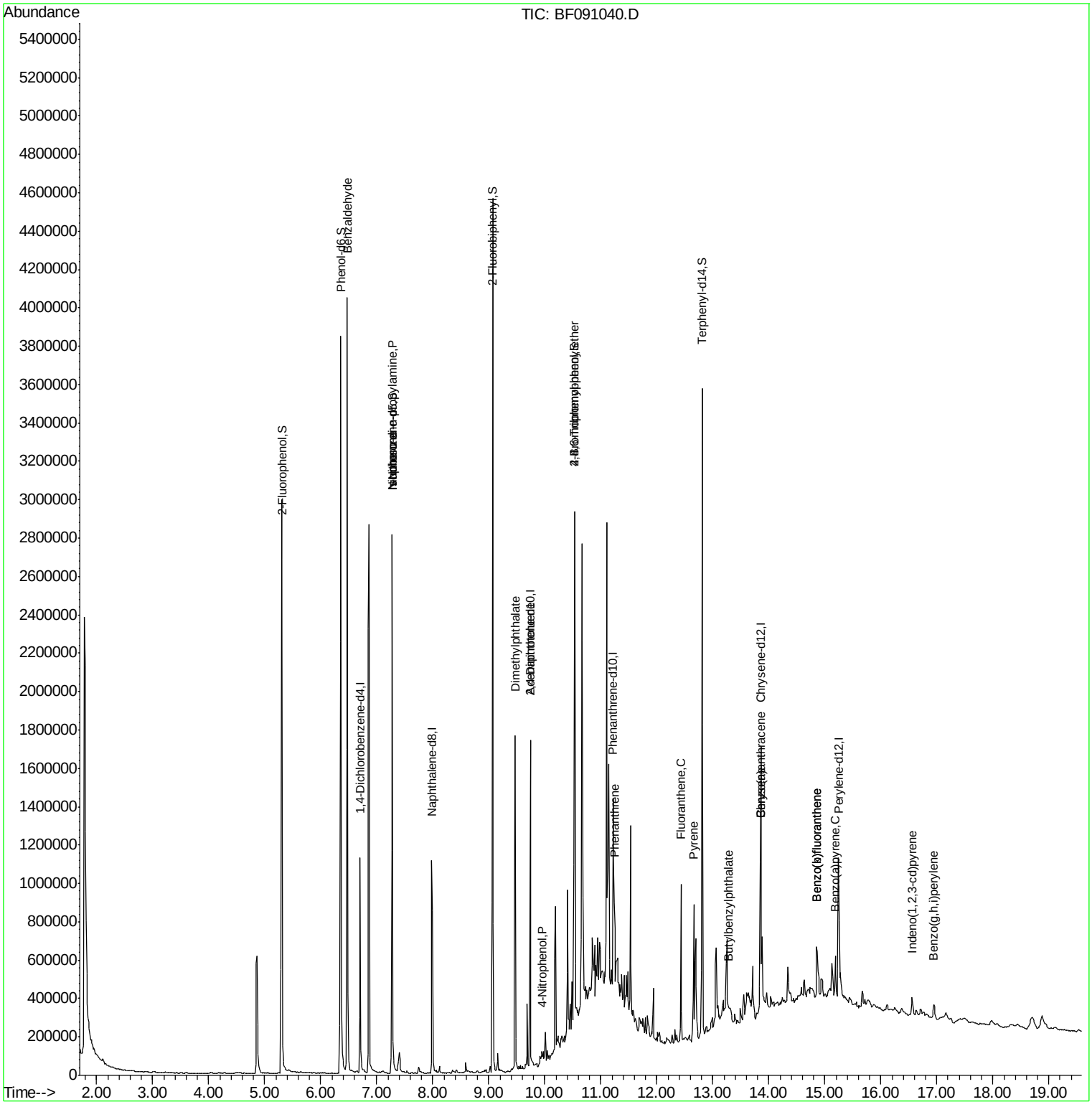
(#) = qualifier out of range (m) = manual integration (+) = signals summed

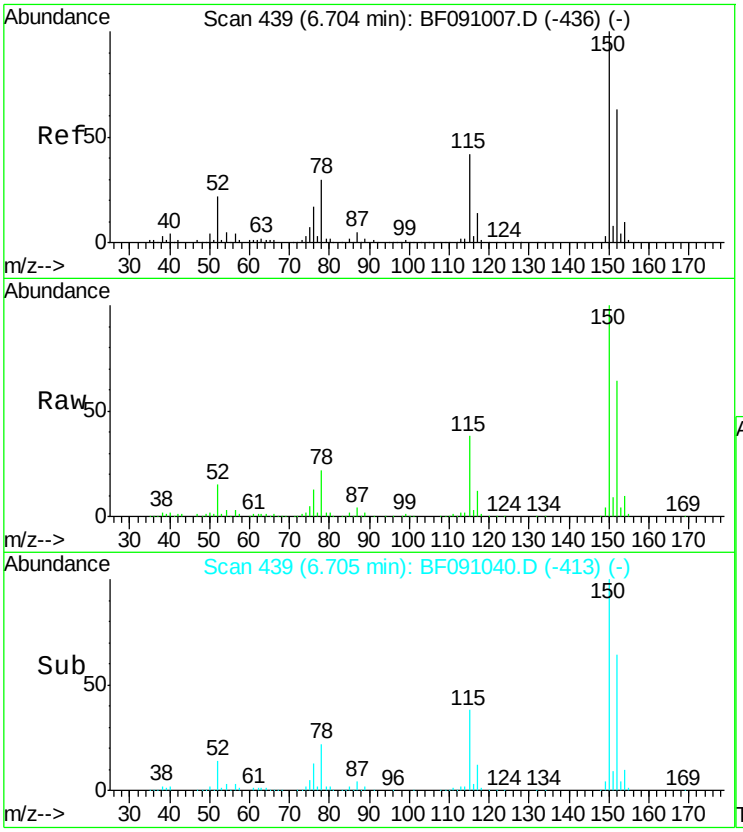
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091040.D
Acq On : 5 Nov 2016 00:19
Operator : UM/SJ
Sample : H5526-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Quant Time: Nov 05 00:22:58 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



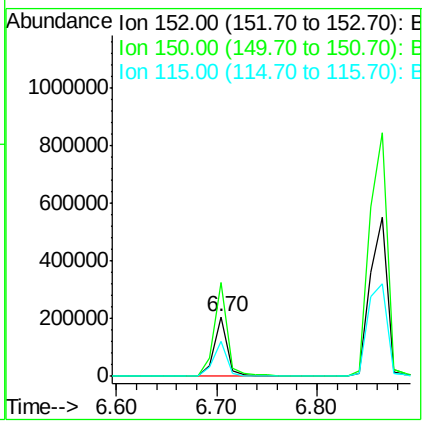


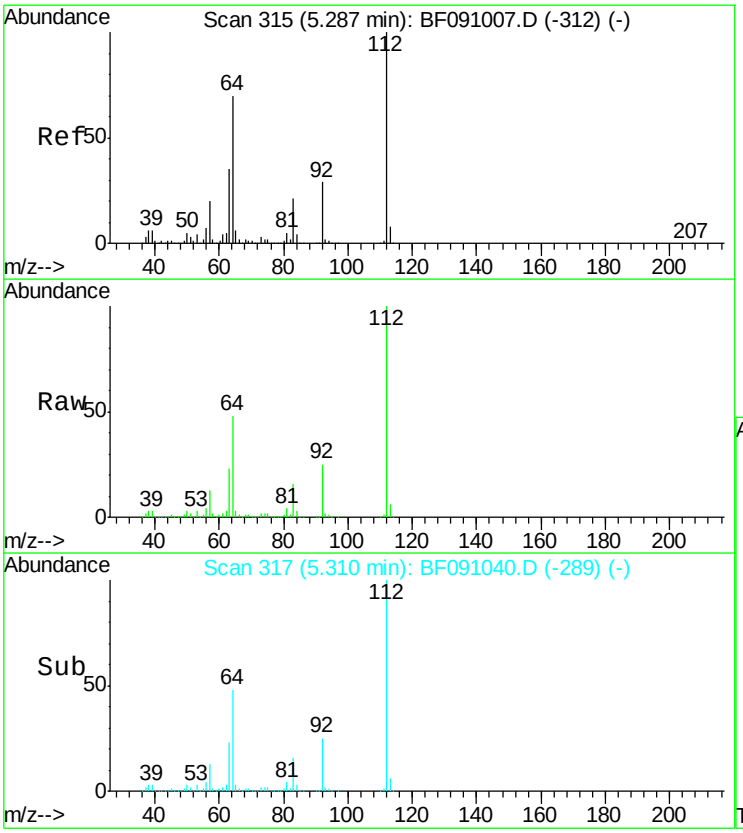
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Tgt Ion:152 Resp: 194437

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.8	190.2
115	58.5	53.3	79.9

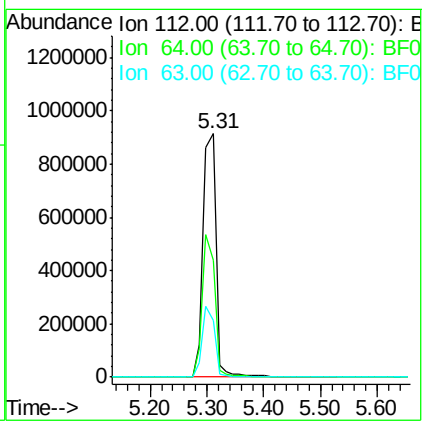


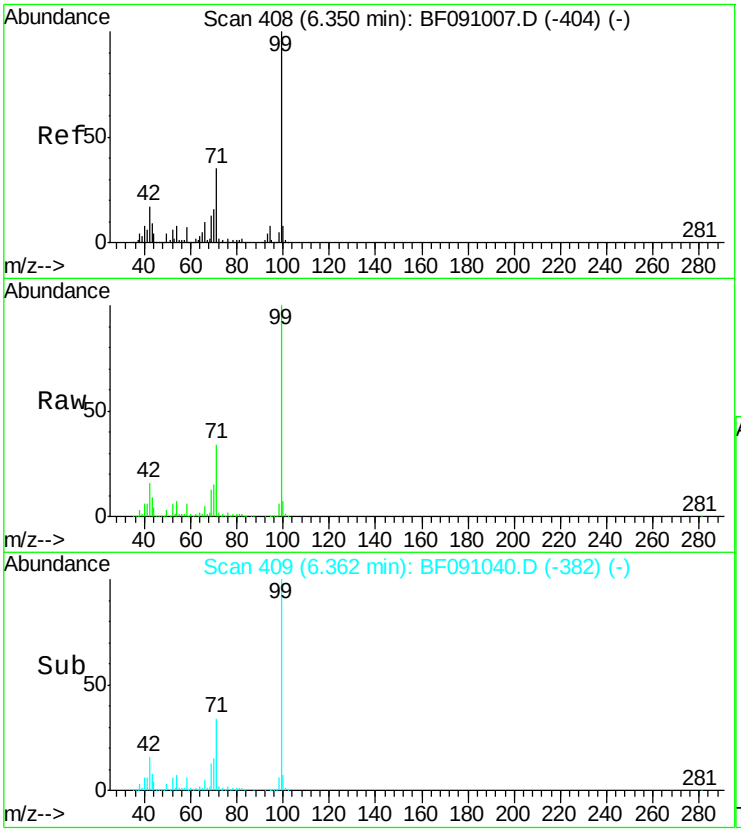


#5
2-Fluorophenol
Concen: 118.85 ng
RT: 5.31 min Scan# 317
Delta R.T. 0.02 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:112 Resp: 1399245

Ion	Ratio	Lower	Upper
112	100		
64	48.0	55.8	83.6#
63	23.5	28.0	42.0#



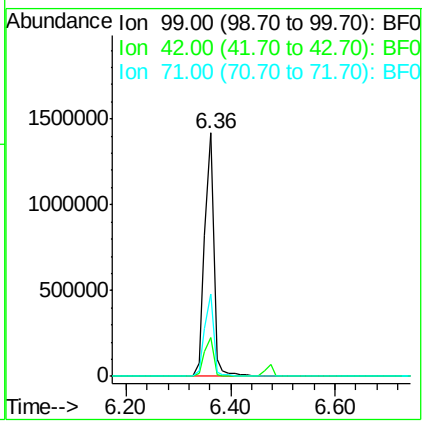


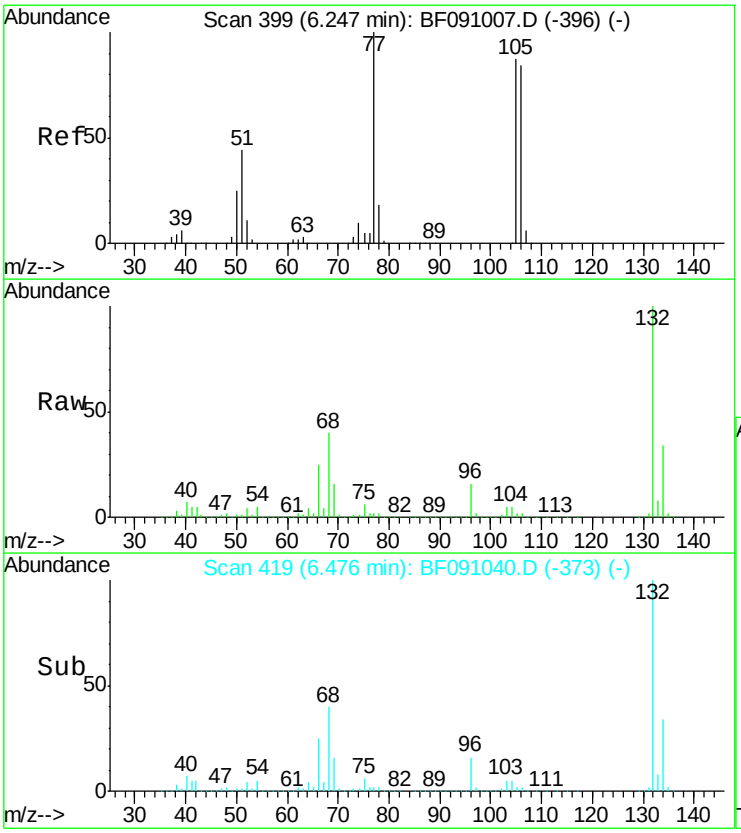
#7
Phenol-d6
Concen: 109.48 ng
RT: 6.36 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Tgt Ion: 99 Resp: 1749437

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.9	20.9
71	33.6	27.8	41.8

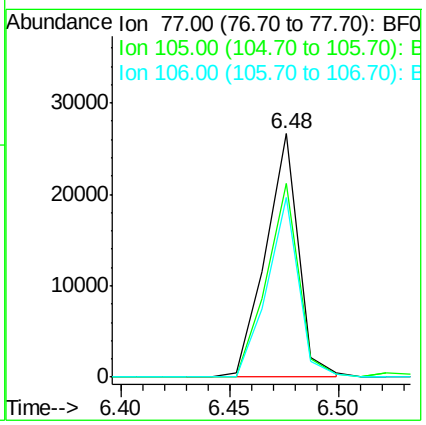


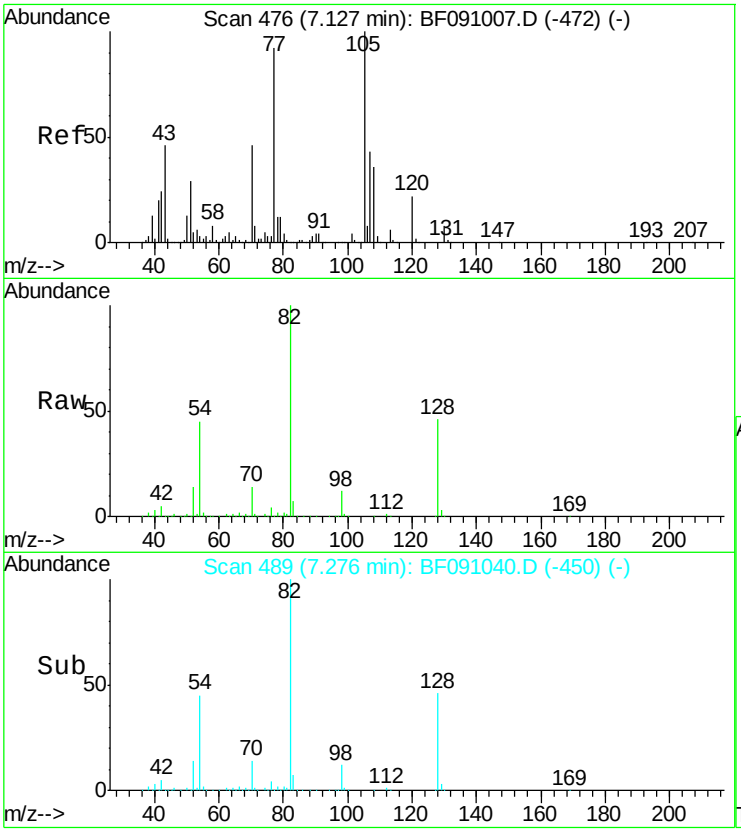


#9
Benzaldehyde
Concen: 3.18 ng
RT: 6.48 min Scan# 419
Delta R.T. 0.23 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion: 77 Resp: 28219

Ion	Ratio	Lower	Upper
77	100		
105	79.7	66.8	106.8
106	73.6	64.0	104.0



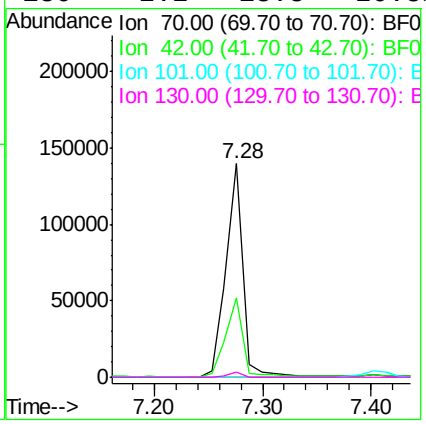


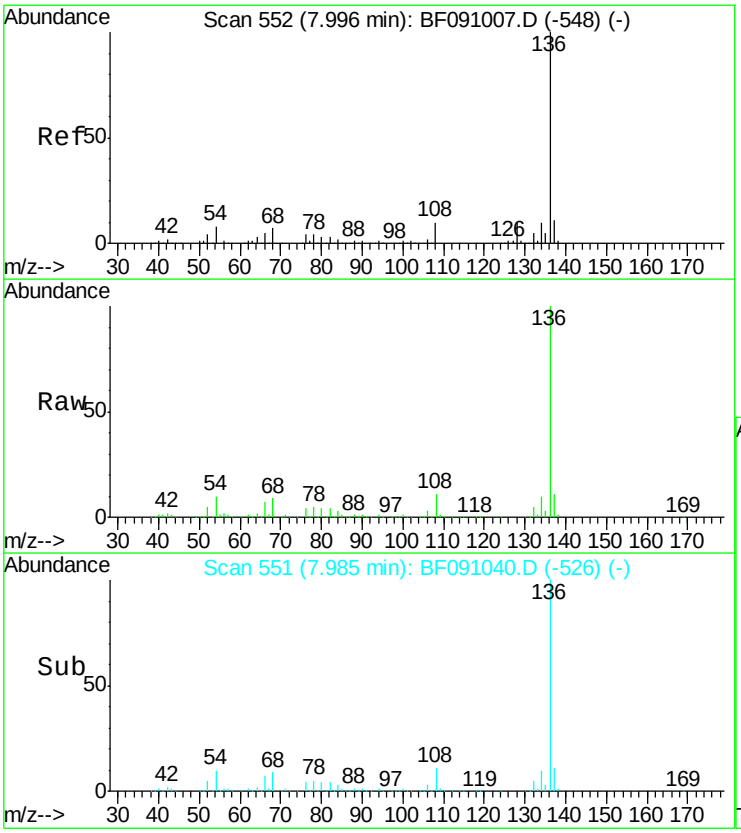
#19
n-Nitroso-di-n-propylamine
Concen: 13.71 ng
RT: 7.28 min Scan# 489
Delta R.T. 0.15 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Tgt Ion: 70 Resp: 151811

Ion	Ratio	Lower	Upper
70	100		
42	36.9	41.7	62.5#
101	0.0	6.7	10.1#
130	2.2	13.8	20.8#

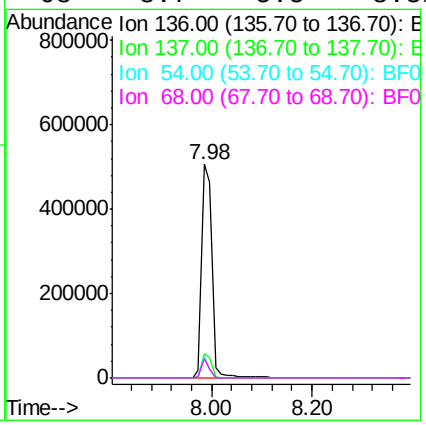


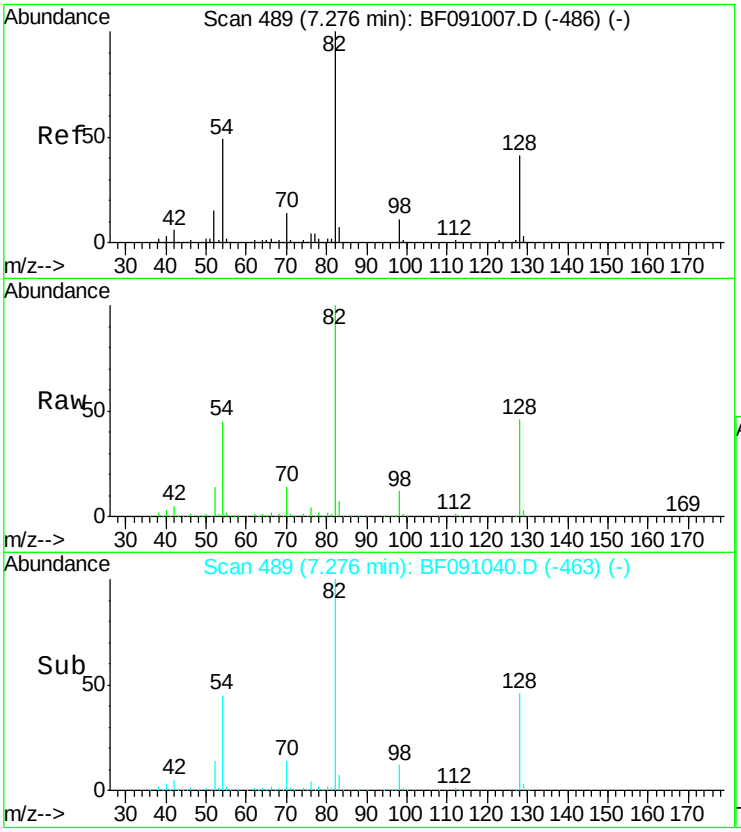


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:136 Resp: 727479

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.1	6.2	9.2#
68	8.7	5.5	8.3#



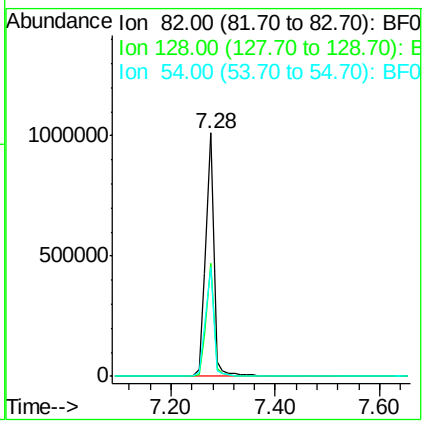


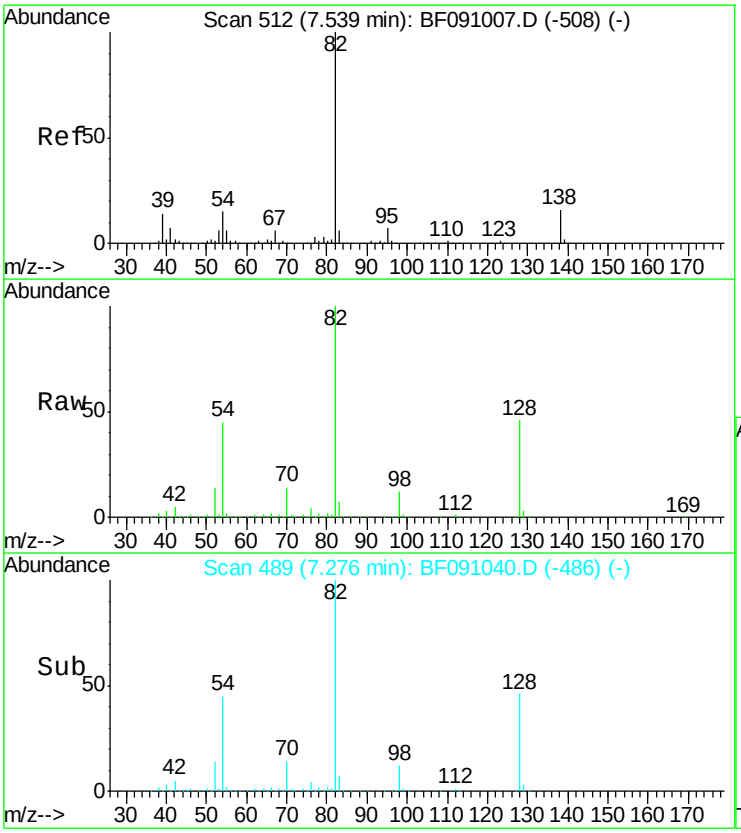
#23
Nitrobenzene-d5
Concen: 83.77 ng
RT: 7.28 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Tgt Ion: 82 Resp: 1117199

Ion	Ratio	Lower	Upper
82	100		
128	46.2	32.4	48.6
54	44.7	39.2	58.8

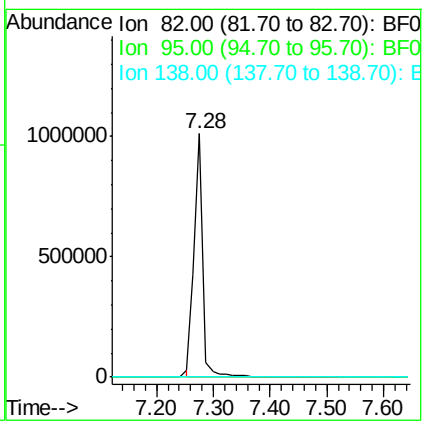


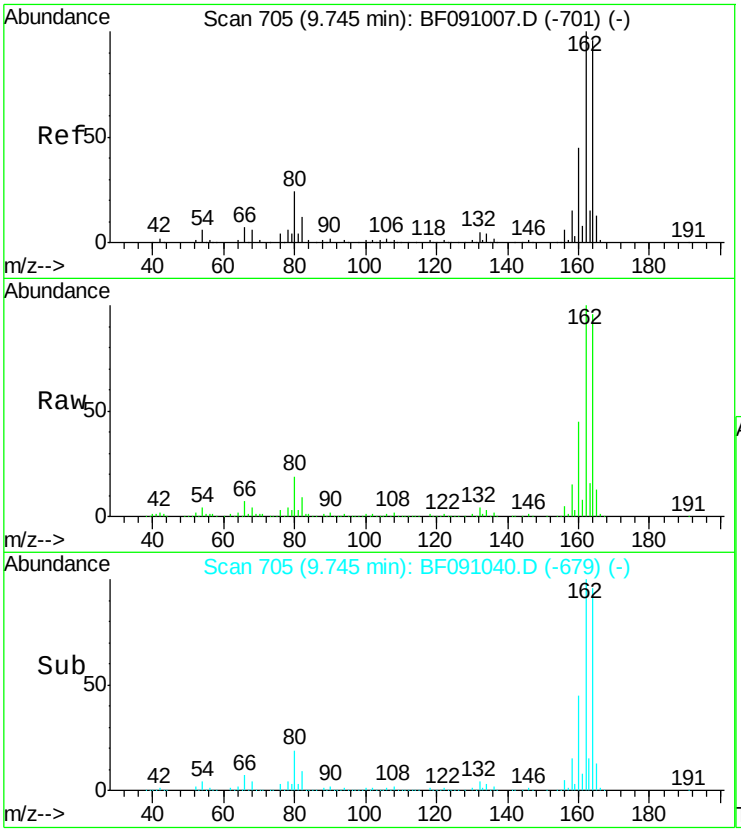


#25
Isophorone
Concen: 41.75 ng
RT: 7.28 min Scan# 489
Delta R.T. -0.26 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion: 82 Resp: 1072842

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.0	19.4#



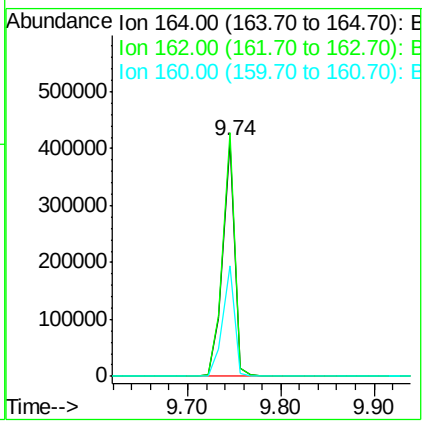


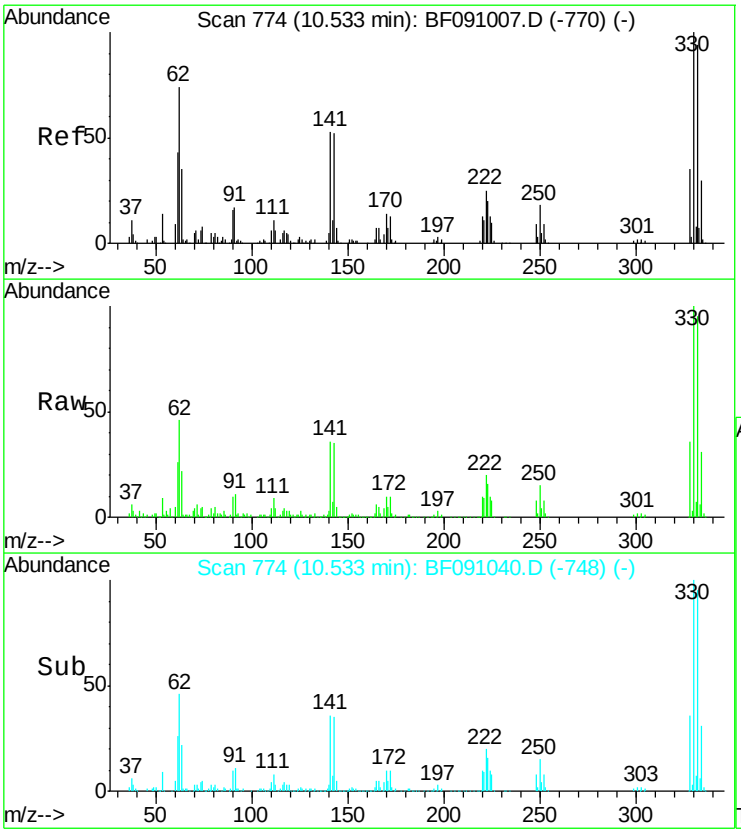
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Tgt Ion:164 Resp: 369584

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.6	125.4
160	47.1	37.9	56.9

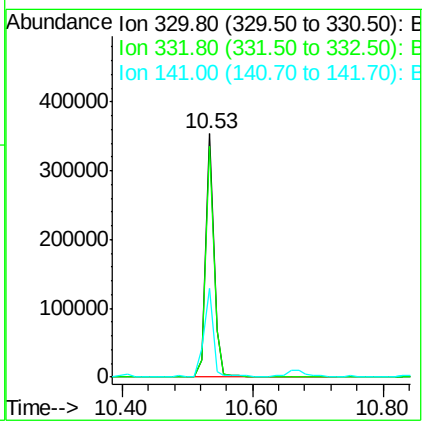


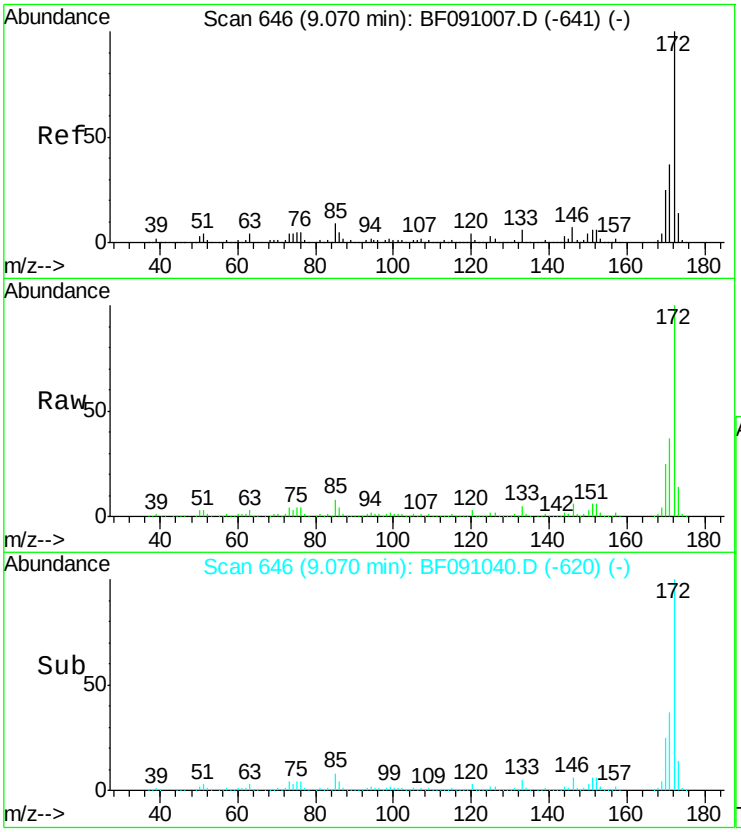


#41
2,4,6-Tribromophenol
Concen: 95.23 ng
RT: 10.53 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:330 Resp: 318185

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.9	113.9
141	40.1	36.1	54.1



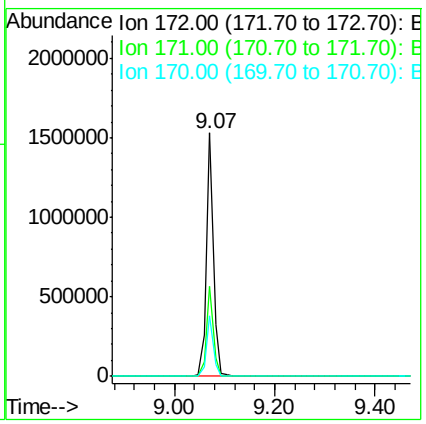


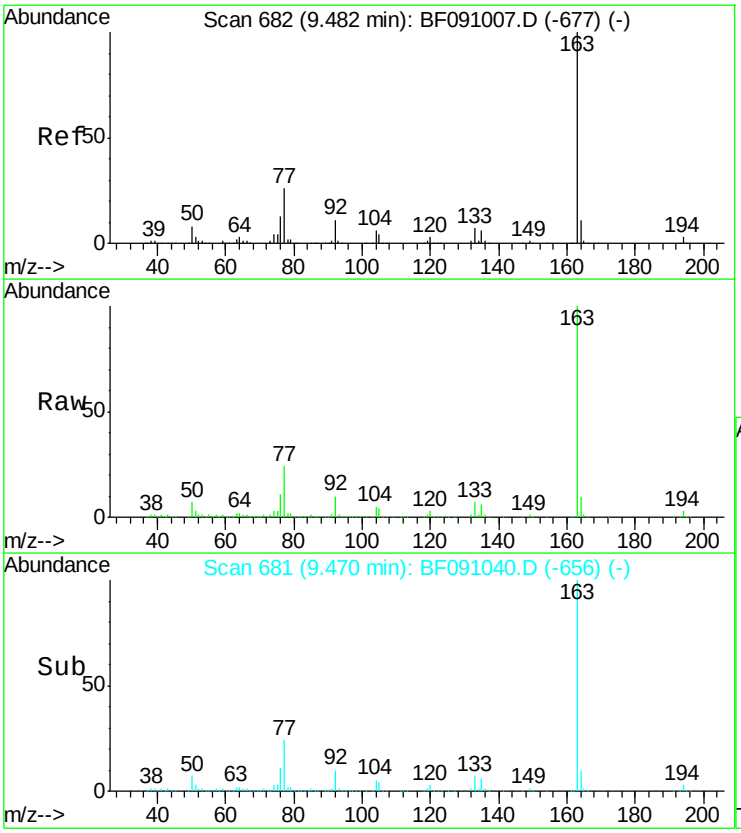
#44
2-Fluorobiphenyl
Concen: 70.09 ng
RT: 9.07 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Tgt Ion:172 Resp: 1504681

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	25.1	20.3	30.5

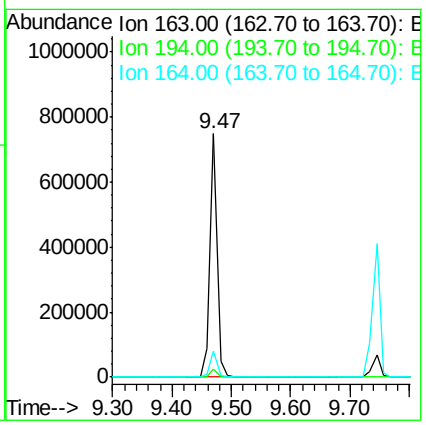


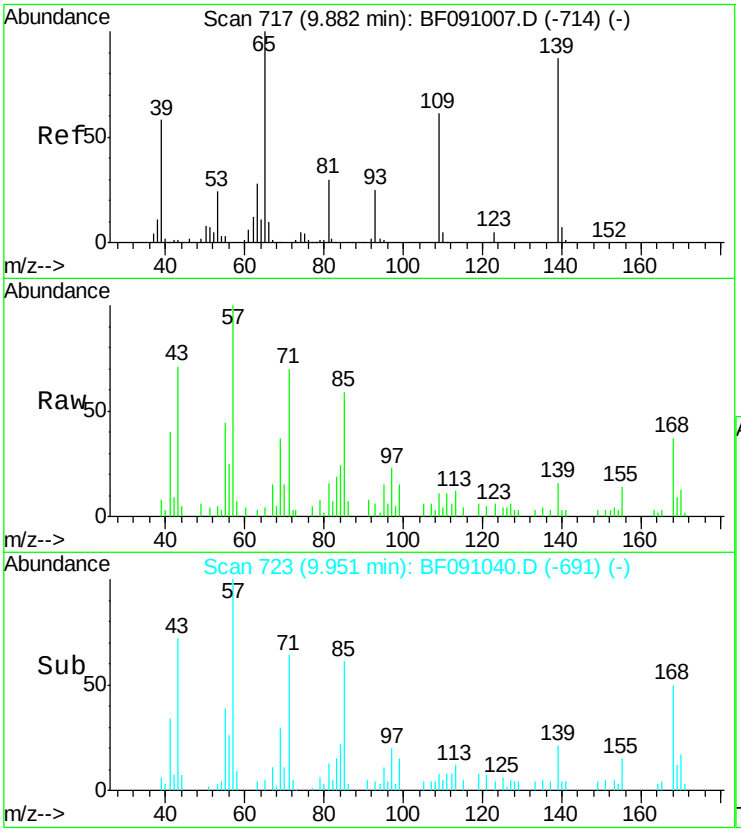


#49
Dimethylphthalate
Concen: 25.77 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:163 Resp: 624472

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.5	8.7	13.1



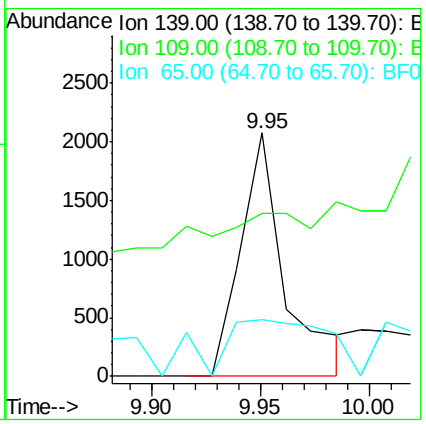


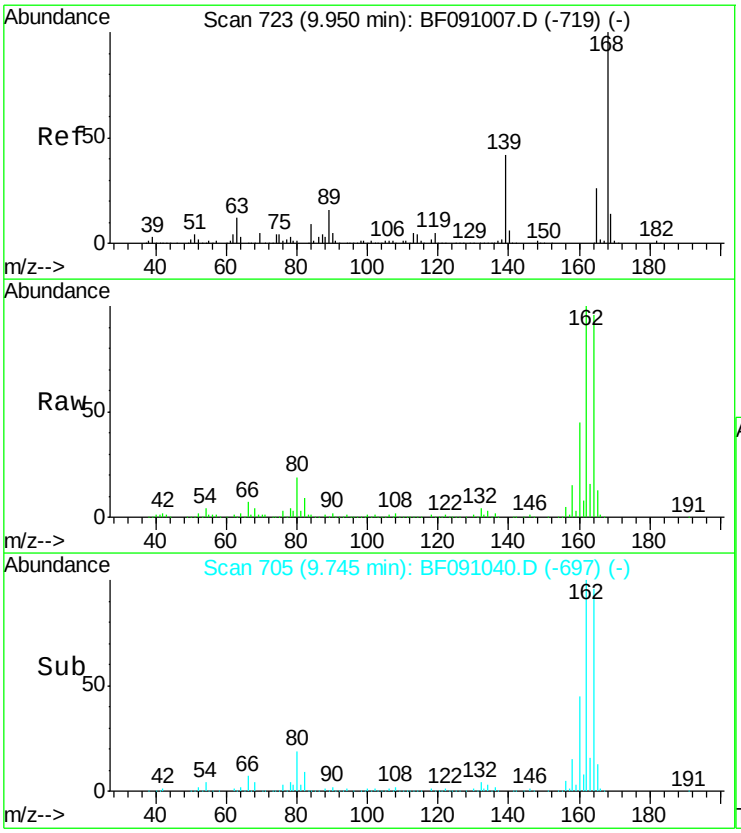
#55
4-Nitrophenol
Concen: 6.40 ng
RT: 9.95 min Scan# 723
Delta R.T. 0.07 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Tgt Ion:139 Resp: 2955

Ion	Ratio	Lower	Upper
139	100		
109	66.8	50.5	90.5
65	23.2	97.1	137.1#

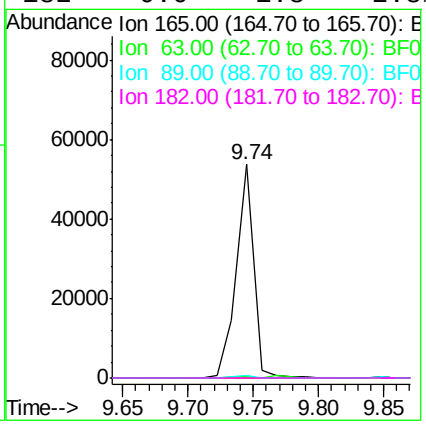


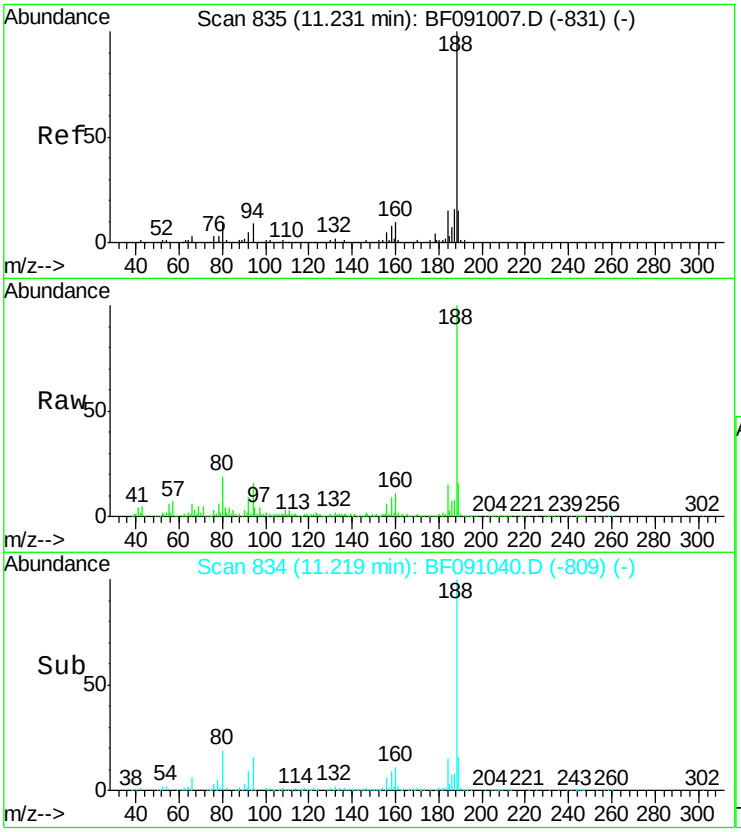


#56
2,4-Dinitrotoluene
Concen: 7.48 ng
RT: 9.74 min Scan# 705
Delta R.T. -0.21 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:165 Resp: 49416

Ion	Ratio	Lower	Upper
165	100		
63	0.8	38.7	58.1#
89	0.9	50.6	76.0#
182	0.0	1.8	2.8#



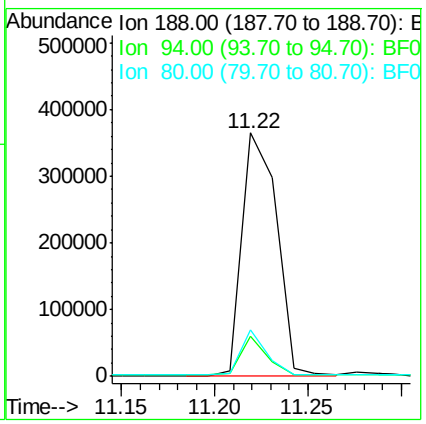


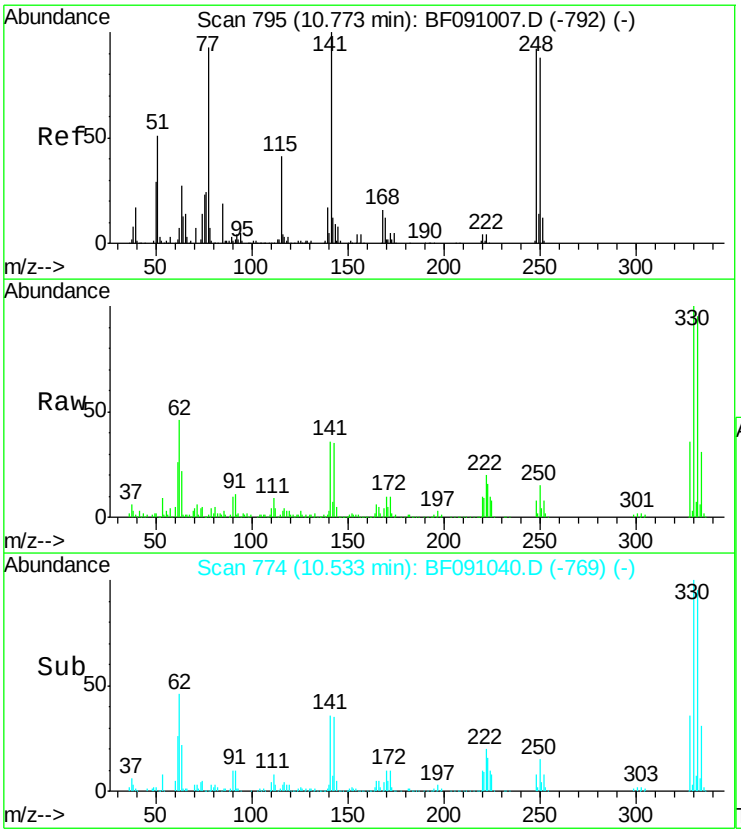
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Tgt Ion:188 Resp: 474260

Ion	Ratio	Lower	Upper
188	100		
94	16.5	7.0	10.4#
80	19.0	7.5	11.3#

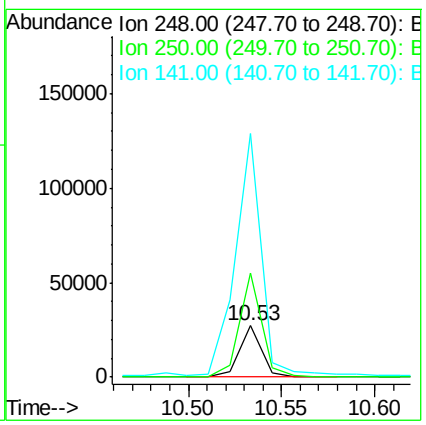


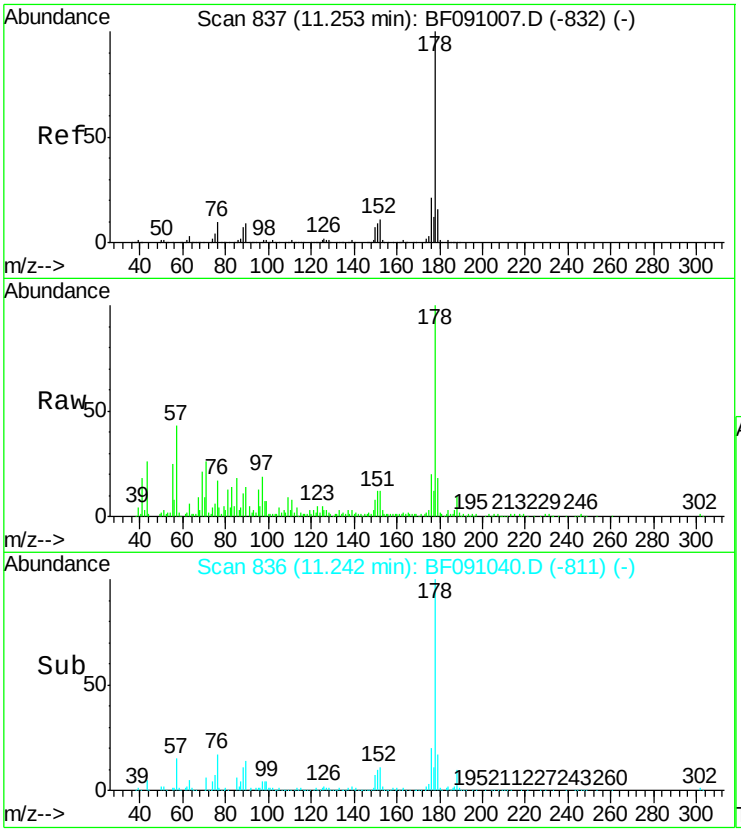


#66
4-Bromophenyl-phenylether
Concen: 4.60 ng
RT: 10.53 min Scan# 774
Delta R.T. -0.24 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:248 Resp: 22673

Ion	Ratio	Lower	Upper
248	100		
250	202.5	76.3	114.5#
141	476.2	86.8	130.2#



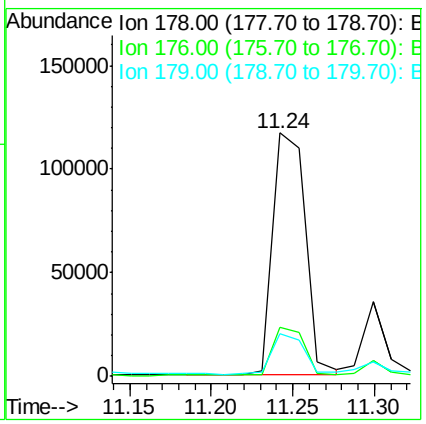


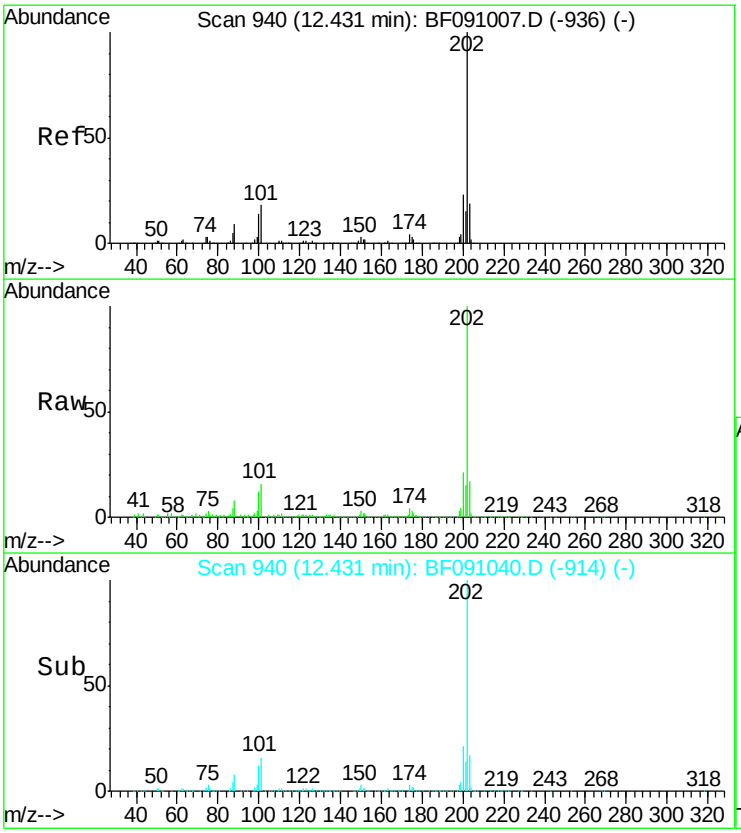
#70
Phenanthrene
Concen: 6.49 ng
RT: 11.24 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Tgt Ion:178 Resp: 163572

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	17.7	12.9	19.3

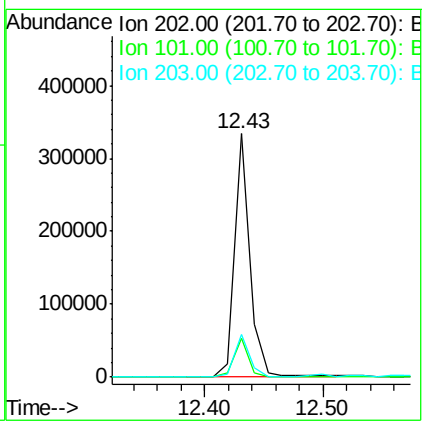


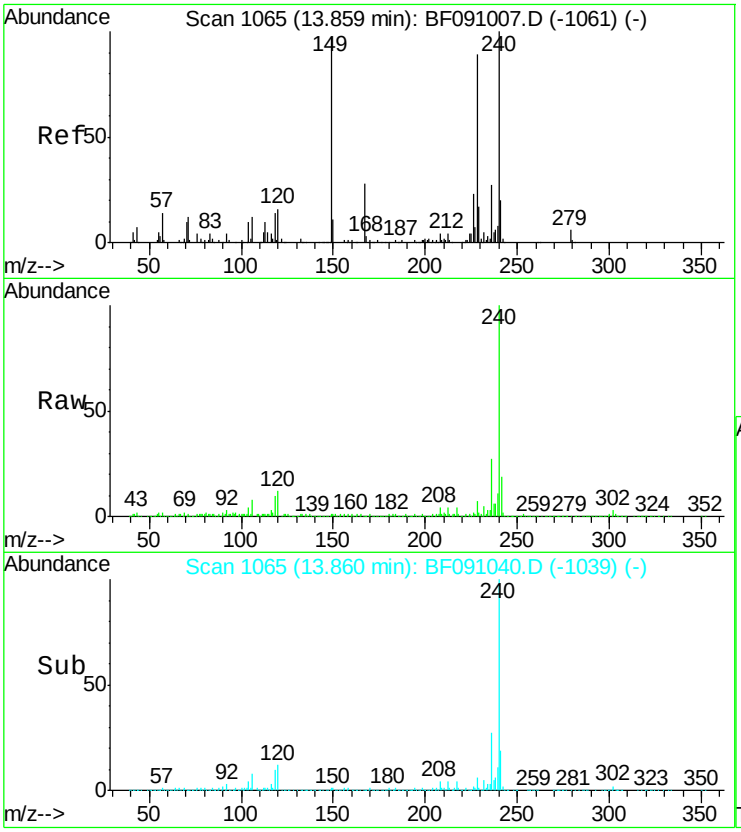


#74
Fluoranthene
Concen: 11.44 ng
RT: 12.43 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:202 Resp: 299125

Ion	Ratio	Lower	Upper
202	100		
101	16.2	0.0	37.6
203	17.3	0.0	38.6



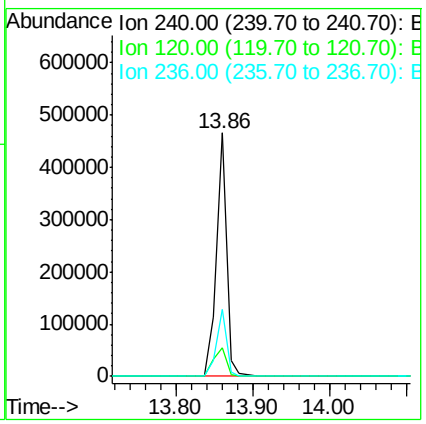


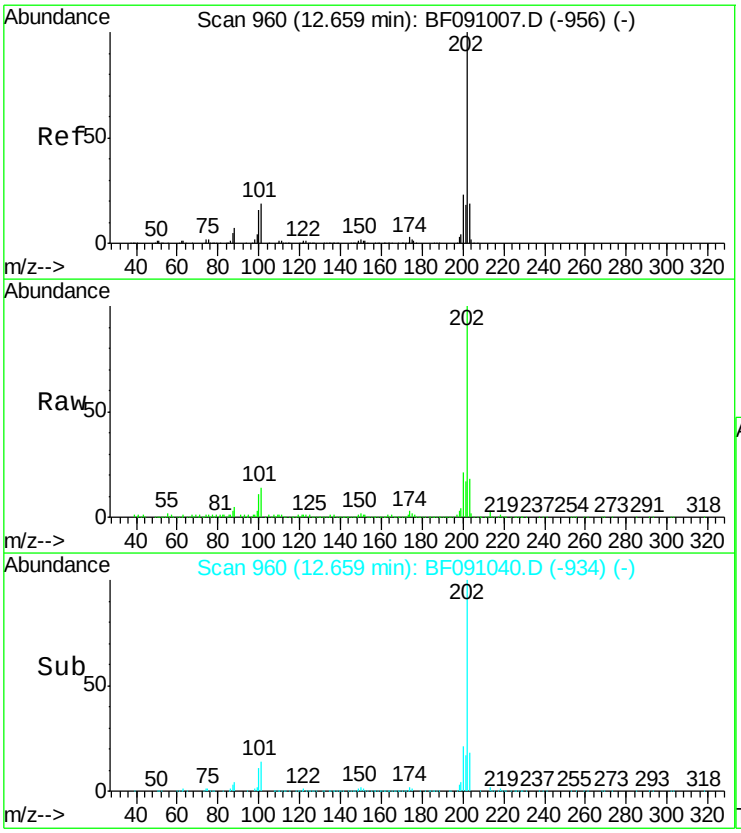
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Tgt Ion:240 Resp: 428357

Ion	Ratio	Lower	Upper
240	100		
120	11.9	12.9	19.3#
236	27.4	21.9	32.9

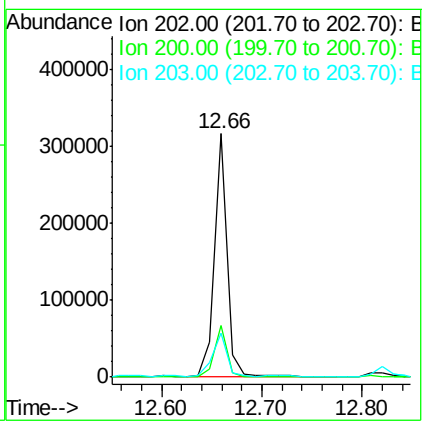


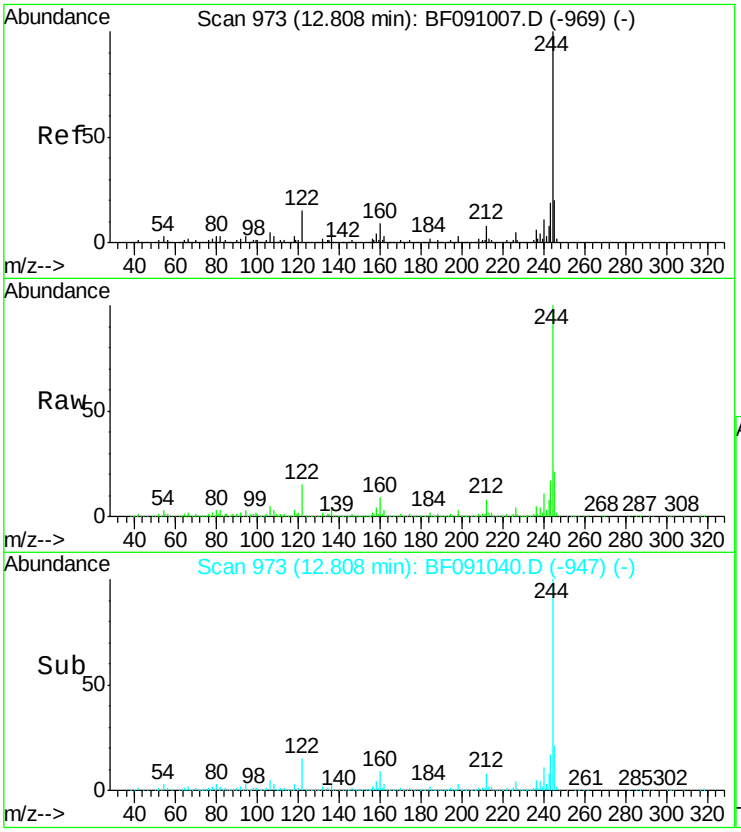


#77
Pyrene
Concen: 9.73 ng
RT: 12.66 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:202 Resp: 272818

Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.4	27.6
203	18.1	15.0	22.6



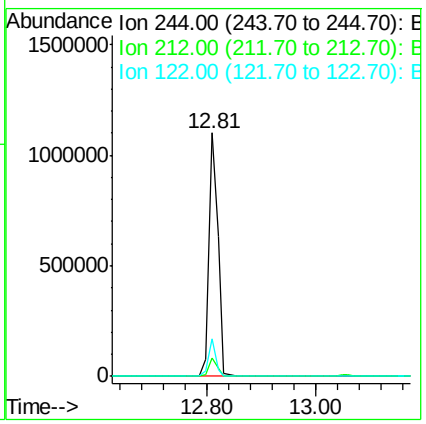


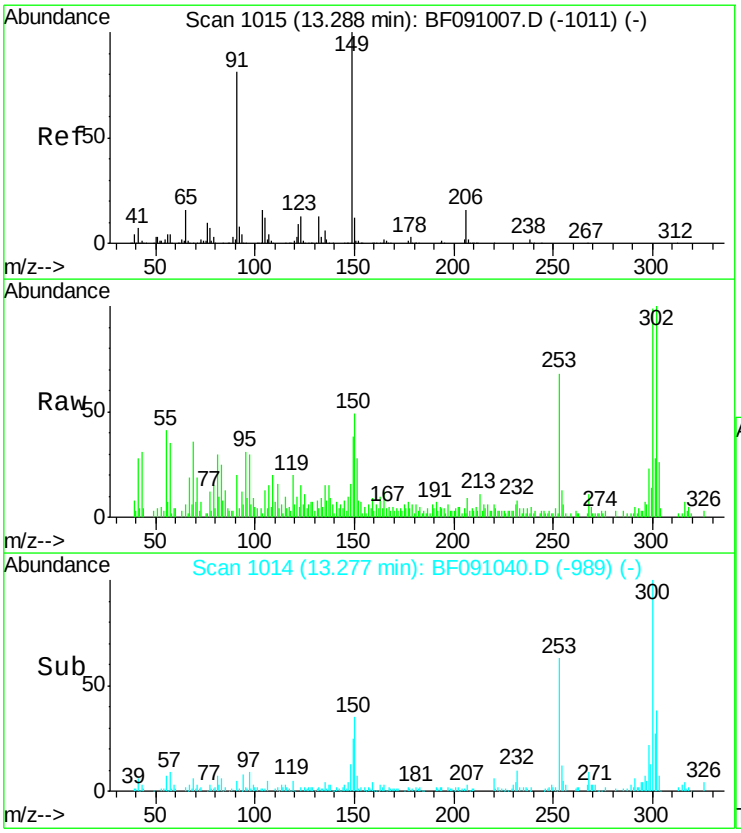
#78
Terphenyl-d14
Concen: 74.06 ng
RT: 12.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Tgt Ion:244 Resp: 1271260

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	15.5	12.3	18.5

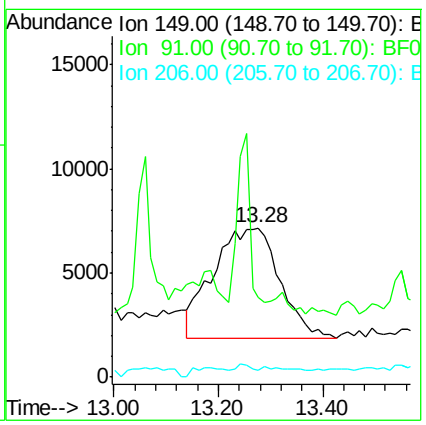


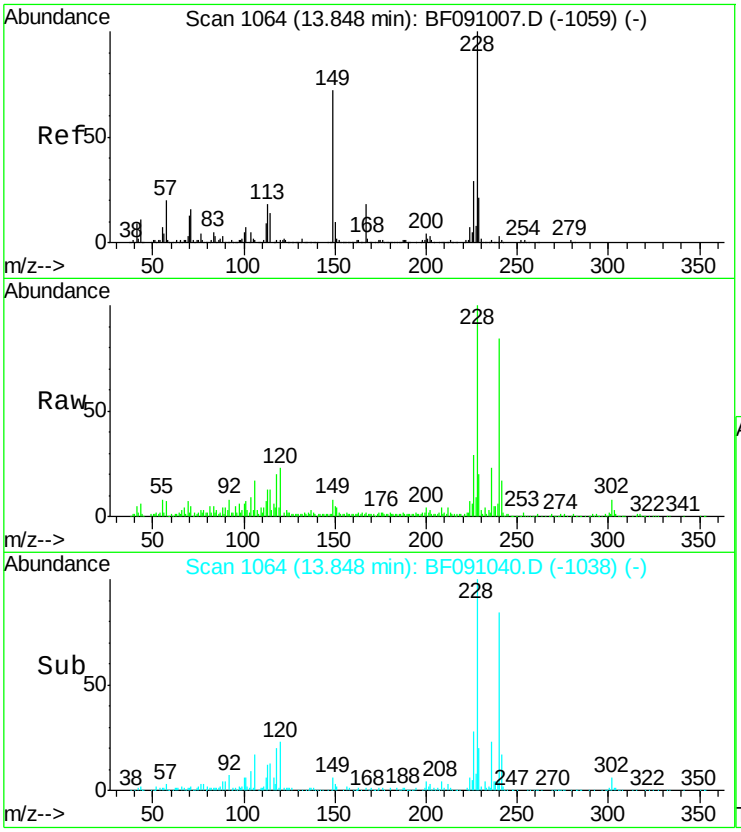


#79
Butylbenzylphthalate
Concen: 3.50 ng
RT: 13.28 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:149 Resp: 47010

Ion	Ratio	Lower	Upper
149	100		
91	53.6	65.0	97.4#
206	4.4	12.5	18.7#



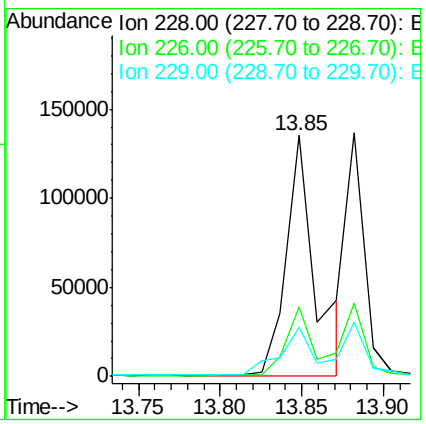


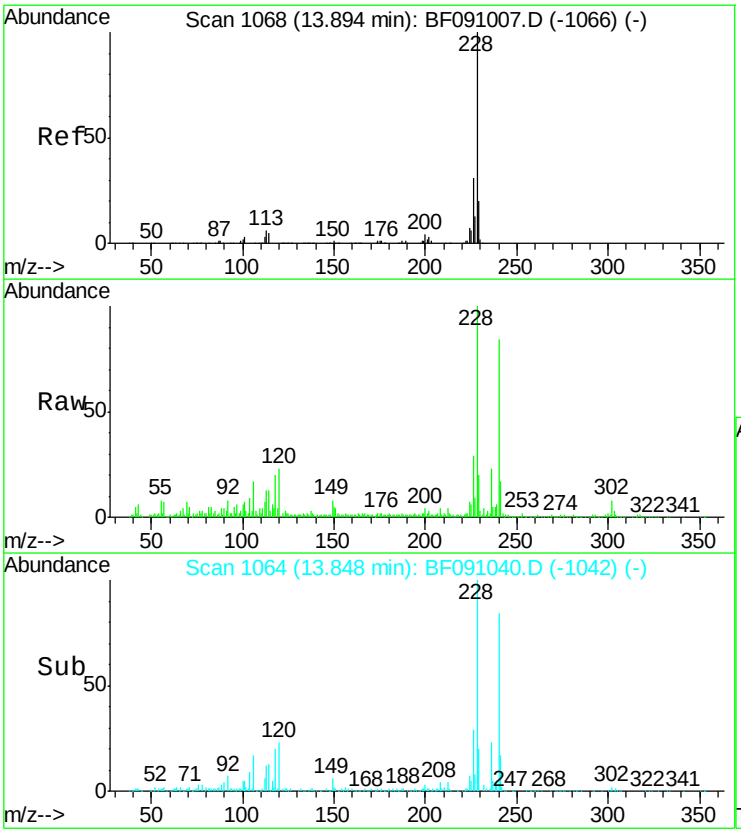
#80
Benzo(a)anthracene
Concen: 6.88 ng
RT: 13.85 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Tgt Ion:228 Resp: 167420

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	20.3	16.6	24.8

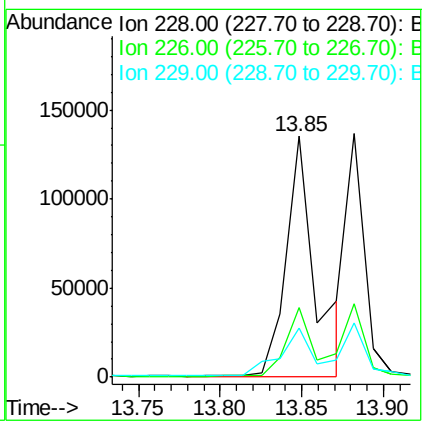


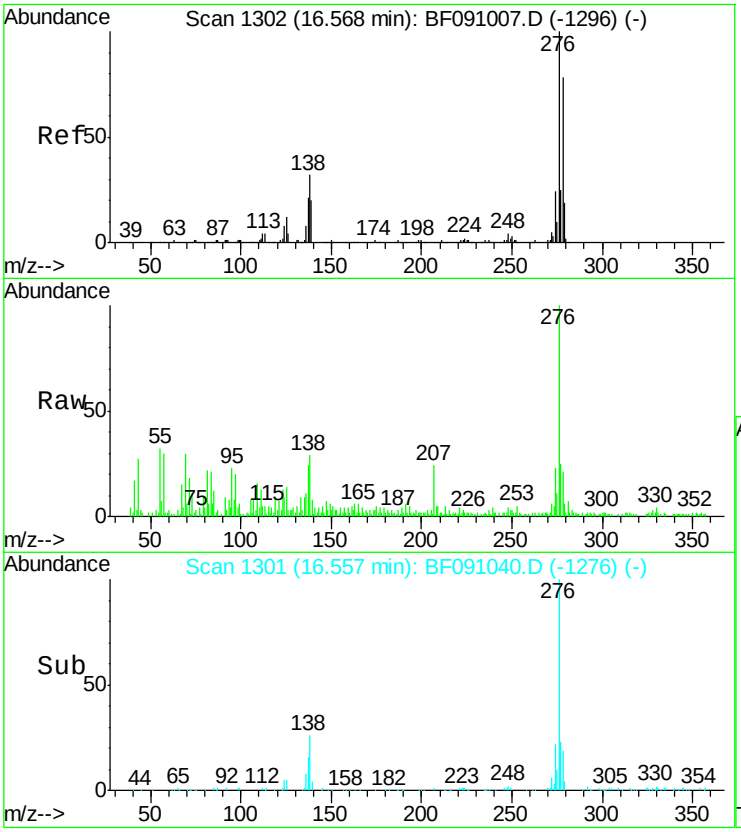


#82
Chrysene
Concen: 6.98 ng
RT: 13.85 min Scan# 1064
Delta R.T. -0.05 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:228 Resp: 167420

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.9	37.3
229	20.3	15.9	23.9



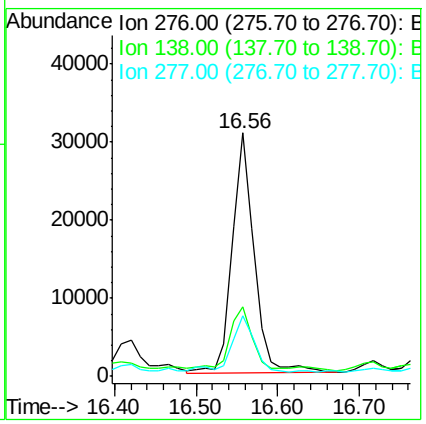


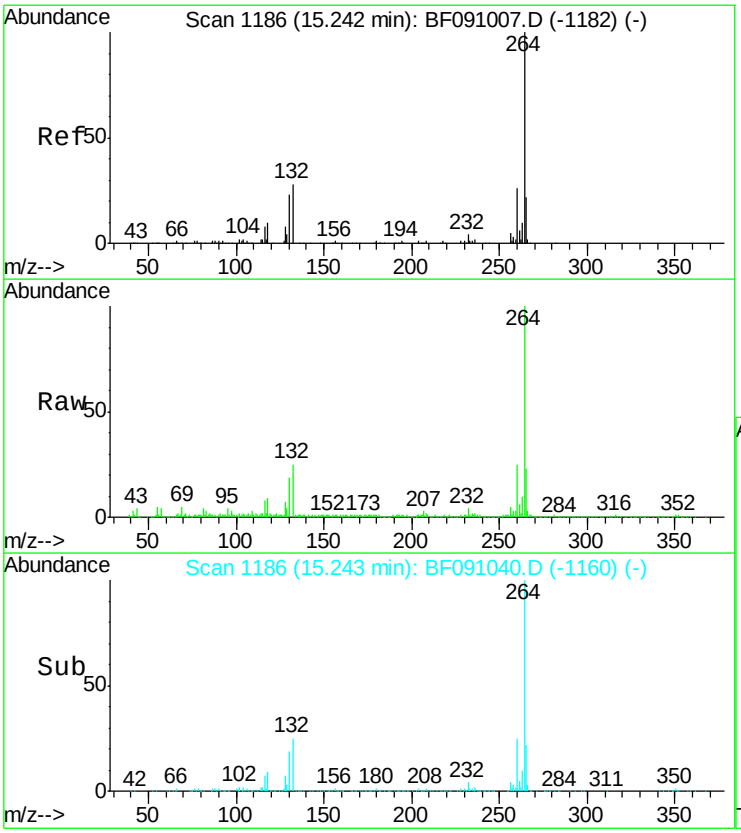
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.87 ng
RT: 16.56 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Tgt Ion:276 Resp: 57135

Ion	Ratio	Lower	Upper
276	100		
138	28.7	26.0	39.0
277	24.8	20.1	30.1

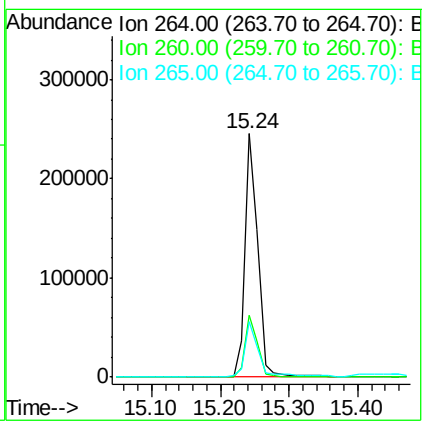


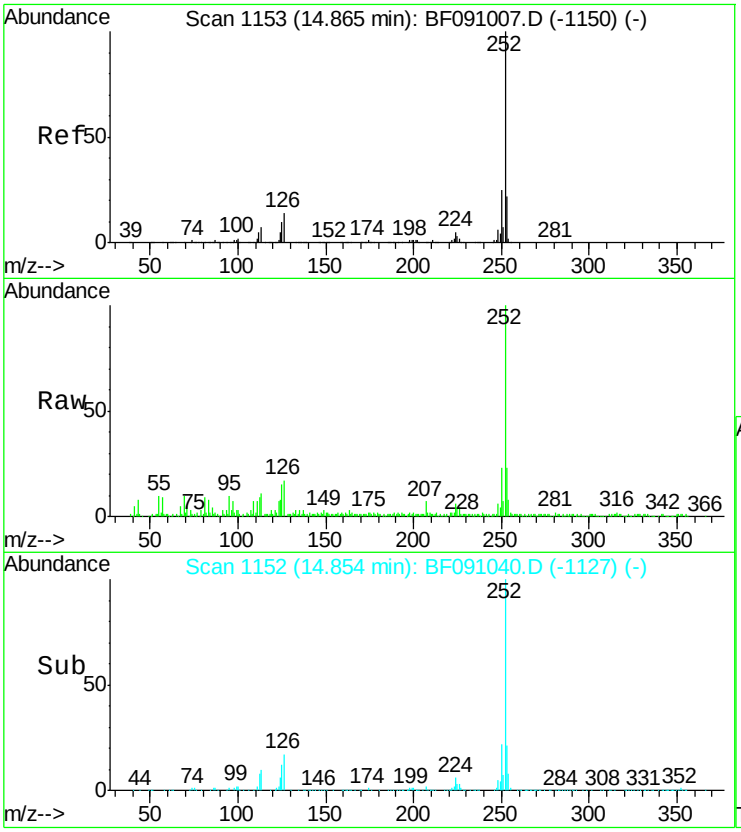


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:264 Resp: 312010

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.6	30.8
265	22.6	17.8	26.8



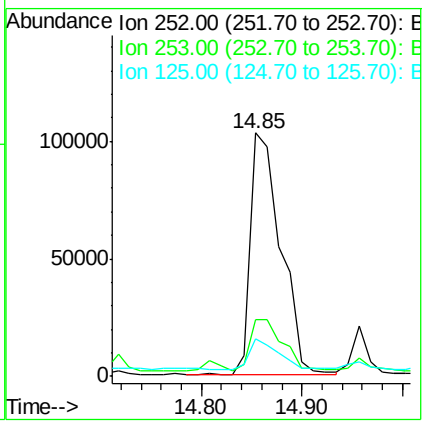


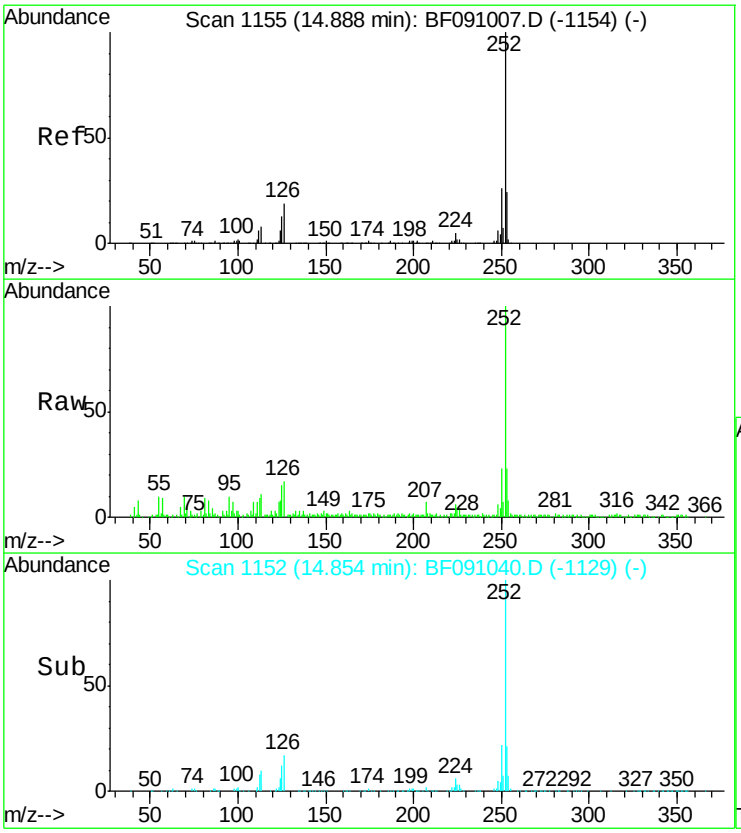
#87
Benzo(b)fluoranthene
Concen: 10.24 ng
RT: 14.85 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Tgt Ion:252 Resp: 216634

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	15.3	8.3	12.5#

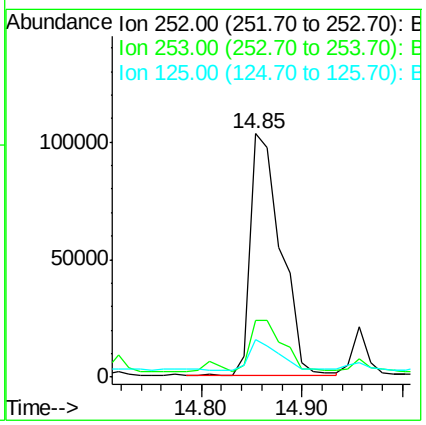


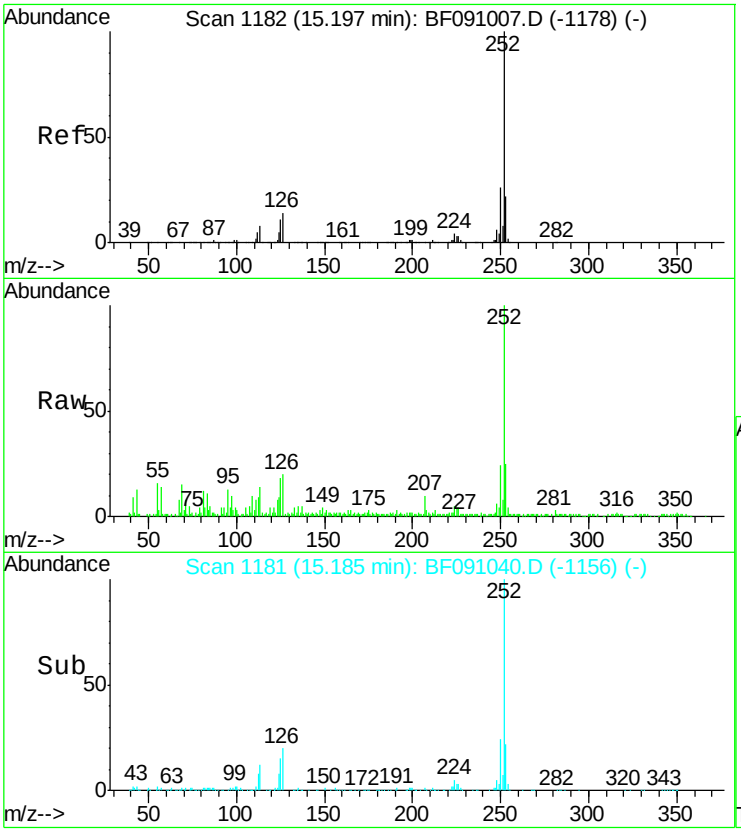


#88
Benzo(k)fluoranthene
Concen: 11.67 ng
RT: 14.85 min Scan# 1152
Delta R.T. -0.03 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:252 Resp: 216634

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	28.0
125	15.3	11.2	16.8



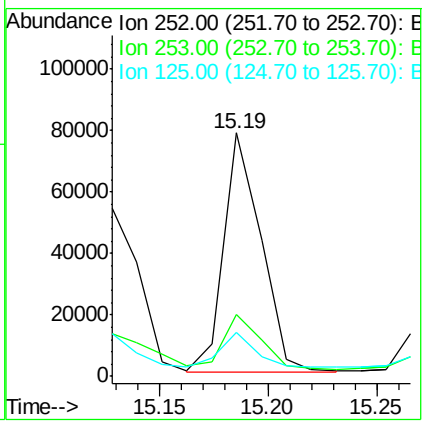


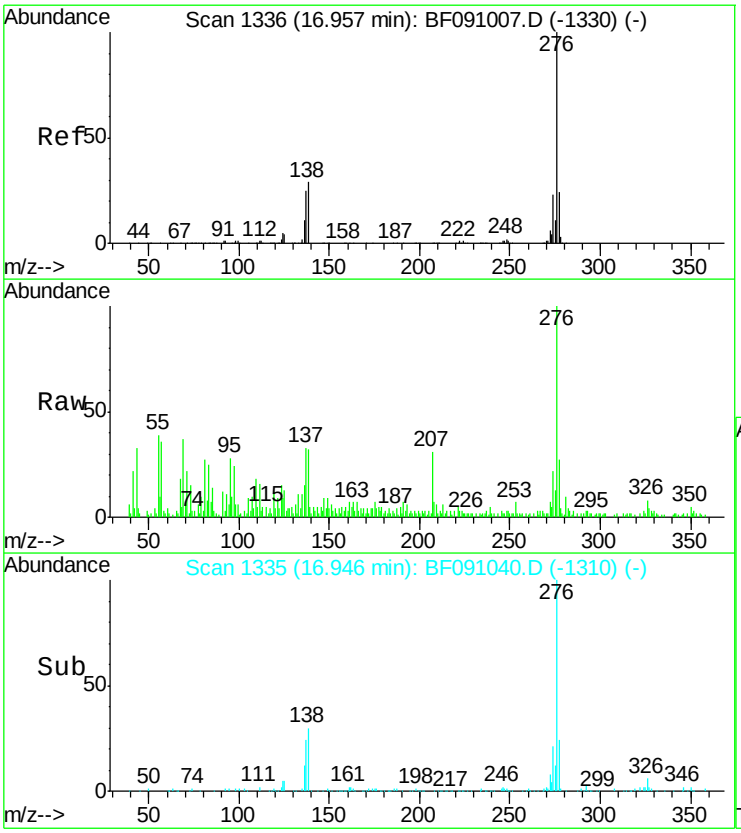
#89
Benzo(a)pyrene
Concen: 5.05 ng
RT: 15.19 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Tgt Ion:252 Resp: 93087

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.8	26.8
125	18.3	8.6	13.0#





#91
Benzo(g,h,i)perylene
Concen: 3.54 ng
RT: 16.95 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:276 Resp: 51023

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.2	28.8
138	32.2	23.3	34.9