Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091035.D
Acq On : 4 Nov 2016 22:02
Operator : UM/SJ
Sample : H5526-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-98-0.5-1.0

Quant Time: Nov 04 23:26:46 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	199086	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	733405	20.00	ng		-0.01
38) Acenaphthene-d10	9.74	164	377587	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	499506	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	454704	20.00	ng		0.00
86) Perylene-d12	15.24	264	359932	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1492462	123.81	ng		0.01
7) Phenol-d6	6.36	99	2112985	129.14	ng		0.01
23) Nitrobenzene-d5	7.28	82	1368496	101.79	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	426521	124.95	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1777468	81.04	ng		0.00
78) Terphenyl-d14	12.81	244	1250143	68.61	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.48	77	37455	4.12	ng		90
19) n-Nitroso-di-n-propylamine	7.28	70	193534	17.07	ng	#	78
25) Isophorone	7.28	82	1308772	50.52	ng	#	67
49) Dimethylphthalate	9.47	163	598699	24.18	ng		98
55) 4-Nitrophenol	9.95	139	19876	10.14	ng	#	1
56) 2,4-Dinitrotoluene	9.74	165	50639	7.50	ng	#	25
66) 4-Bromophenyl-phenylether	10.53	248	30663	5.90	ng	#	1
70) Phenanthrene	11.24	178	574221	21.63	ng		99
71) Anthracene	11.30	178	125933	4.46	ng		97
74) Fluoranthene	12.43	202	1089933	39.58	ng		98
77) Pyrene	12.66	202	978288	32.85	ng		99
80) Benzo(a)anthracene	13.85	228	660102	25.57	ng		99
82) Chrysene	13.85	228	660102	25.93	ng		97
85) Indeno(1,2,3-cd)pyrene	16.56	276	253156	11.99	ng		94
87) Benzo(b)fluoranthene	14.87	252	1004204	41.14	ng		98
88) Benzo(k)fluoranthene	14.87	252	1004204	46.89	ng		98
89) Benzo(a)pyrene	15.19	252	386920	18.21	ng	#	94
90) Dibenzo(a,h)anthracene	16.72	278	48428	2.64	ng		95
91) Benzo(g,h,i)perylene	16.95	276	233885	14.08	ng		96

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

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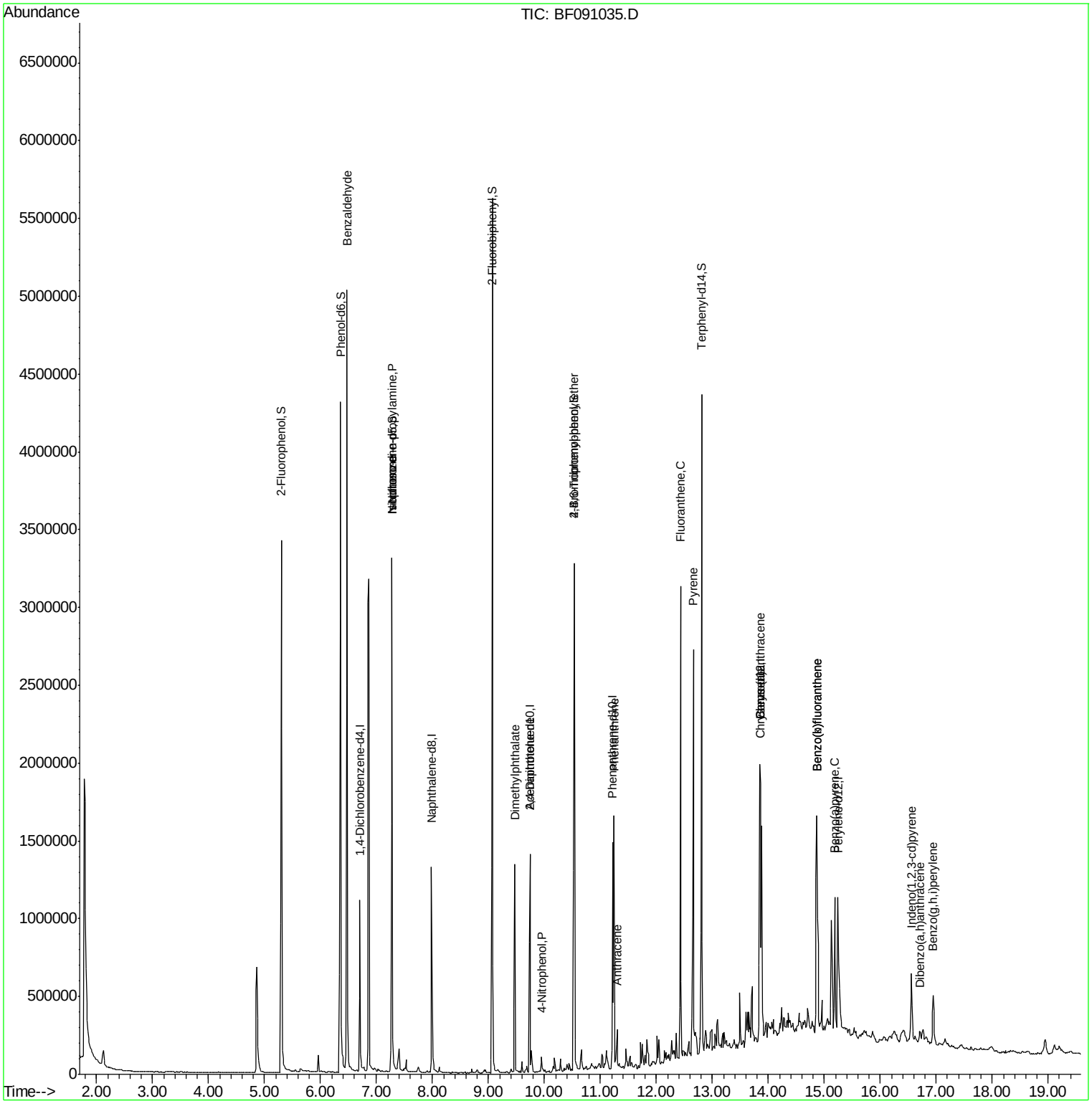
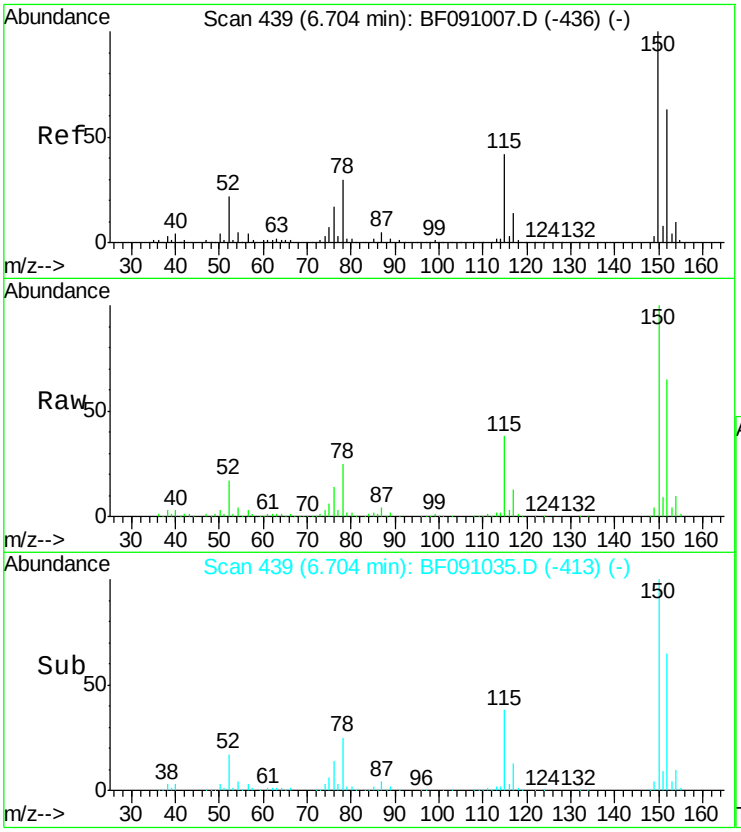


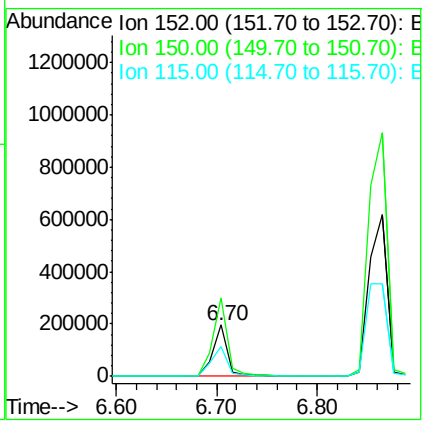


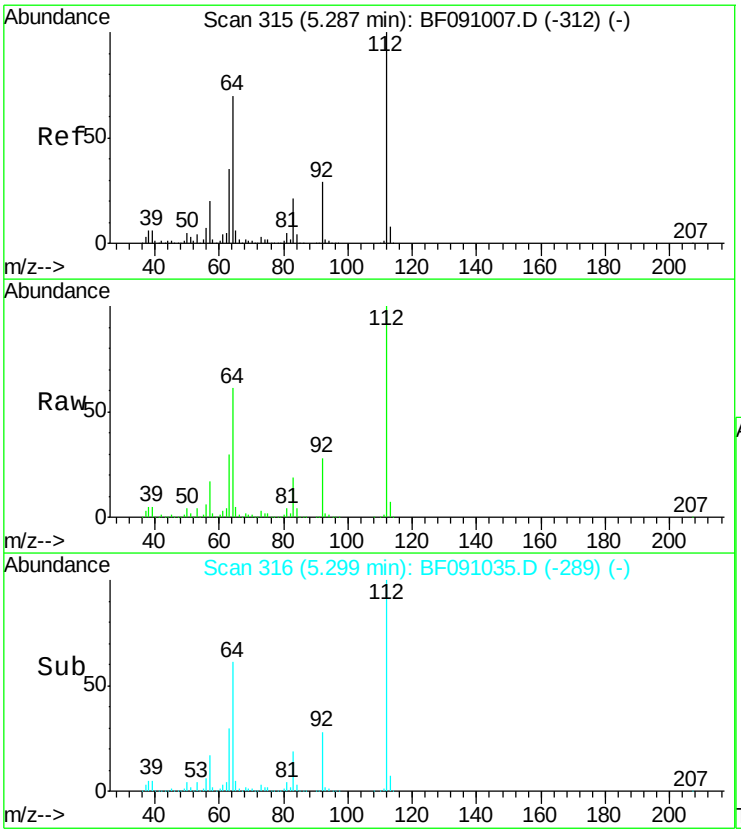
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Tgt Ion:152 Resp: 199086

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.8	190.2
115	58.9	53.3	79.9

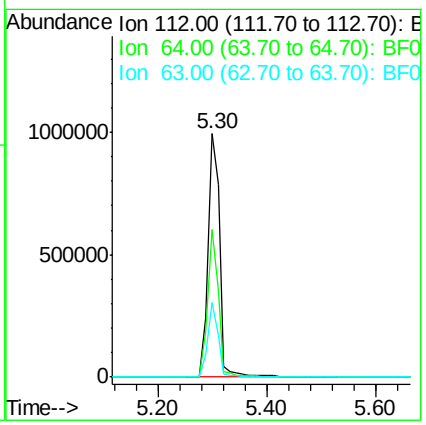


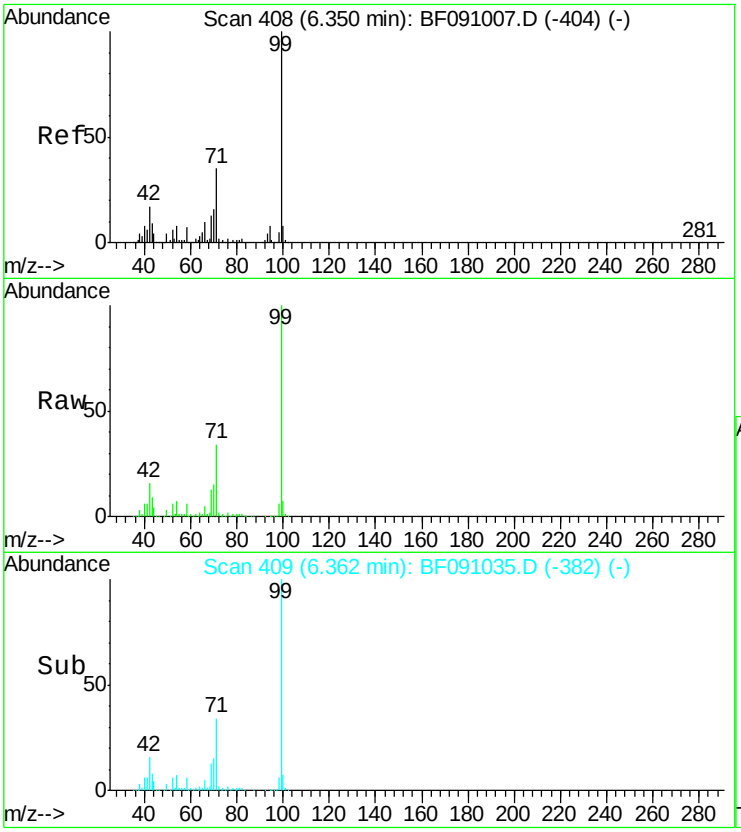


#5
2-Fluorophenol
Concen: 123.81 ng
RT: 5.30 min Scan# 316
Delta R.T. 0.01 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:112 Resp: 1492462

Ion	Ratio	Lower	Upper
112	100		
64	60.9	55.8	83.6
63	30.4	28.0	42.0



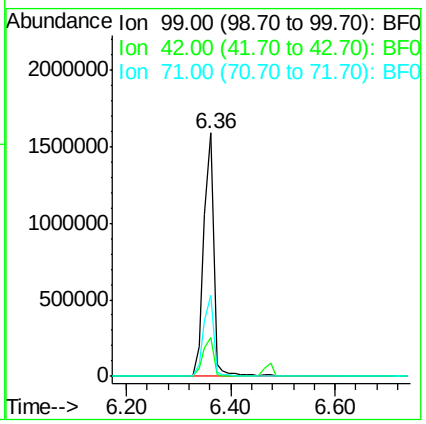


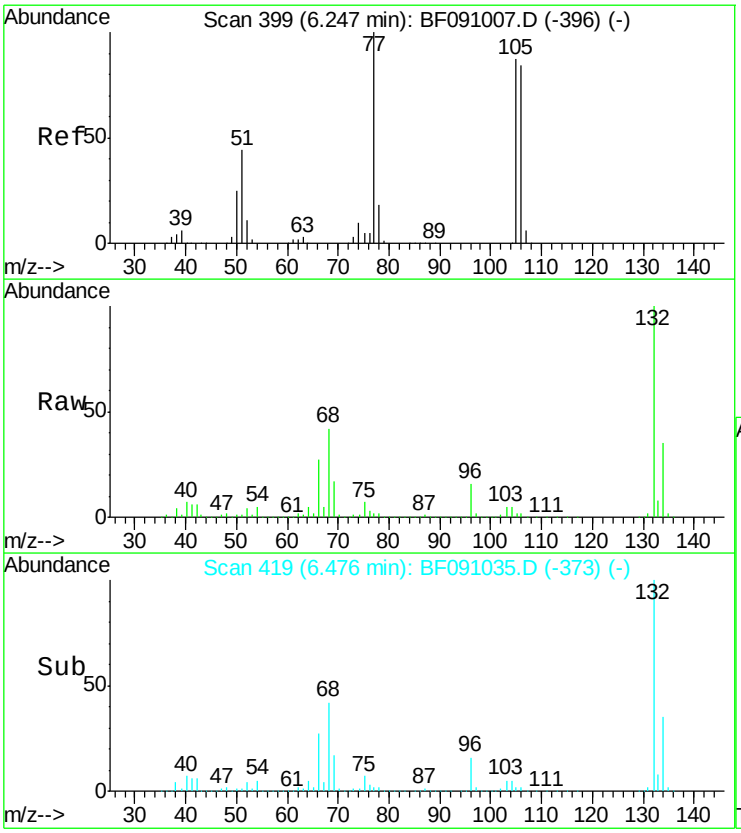
#7
Phenol-d6
Concen: 129.14 ng
RT: 6.36 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Tgt Ion: 99 Resp: 2112985

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.9	20.9
71	33.5	27.8	41.8

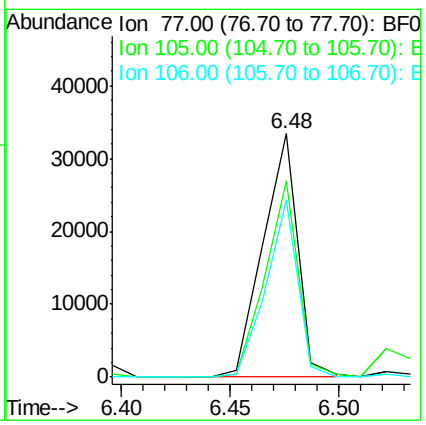


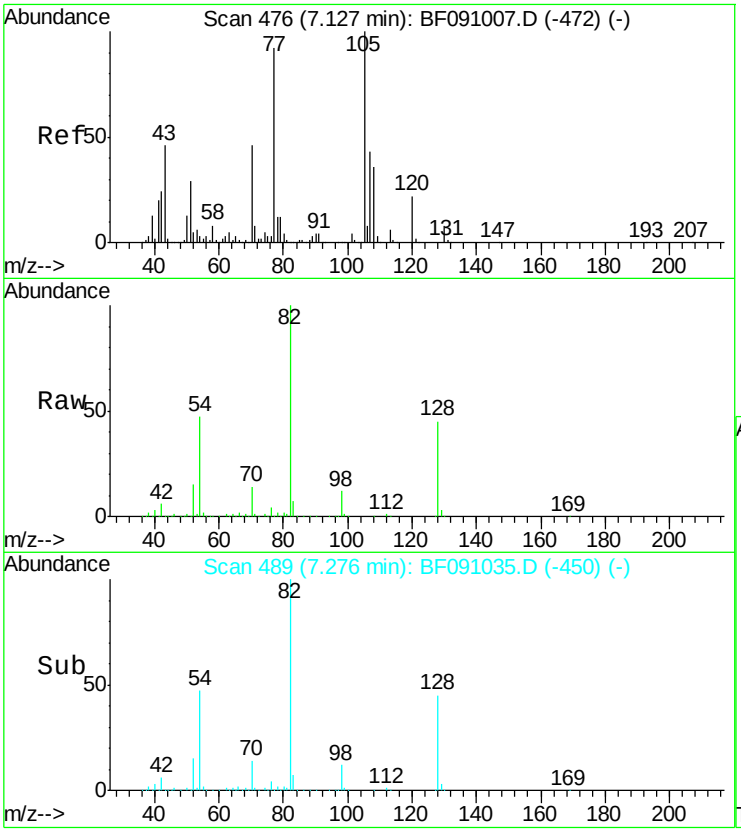


#9
Benzaldehyde
Concen: 4.12 ng
RT: 6.48 min Scan# 419
Delta R.T. 0.23 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion: 77 Resp: 37455

Ion	Ratio	Lower	Upper
77	100		
105	80.5	66.8	106.8
106	72.8	64.0	104.0



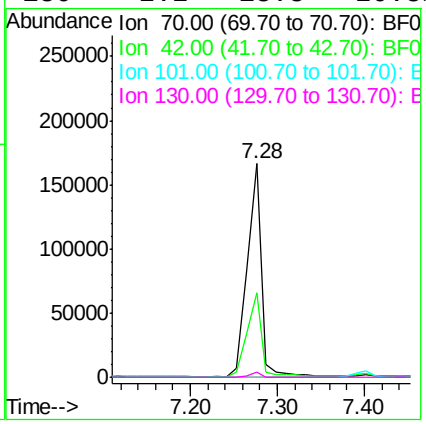


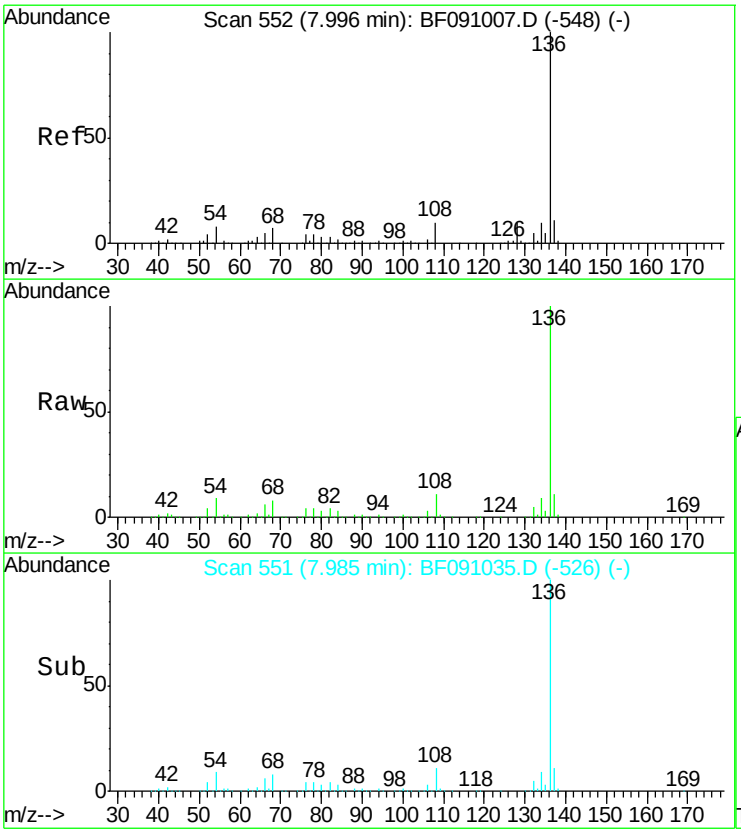
#19
n-Nitroso-di-n-propylamine
Concen: 17.07 ng
RT: 7.28 min Scan# 489
Delta R.T. 0.15 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Tgt Ion: 70 Resp: 193534

Ion	Ratio	Lower	Upper
70	100		
42	39.5	41.7	62.5#
101	0.0	6.7	10.1#
130	2.2	13.8	20.8#

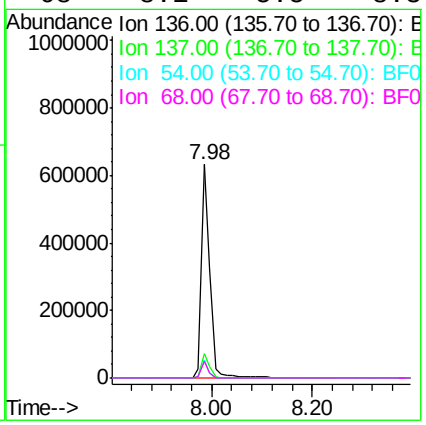


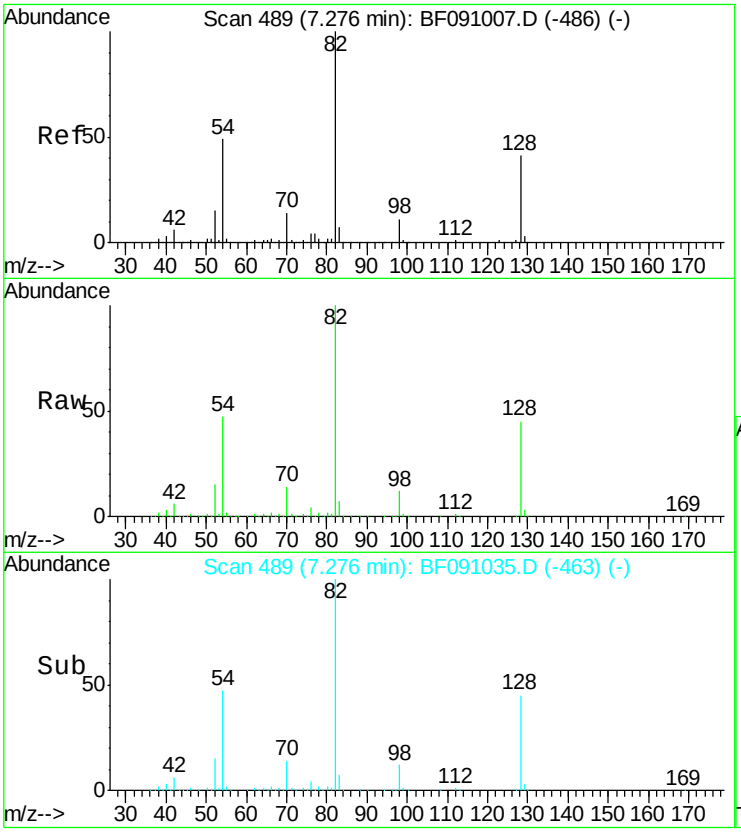


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:136 Resp: 733405

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.6	6.2	9.2
68	8.1	5.5	8.3



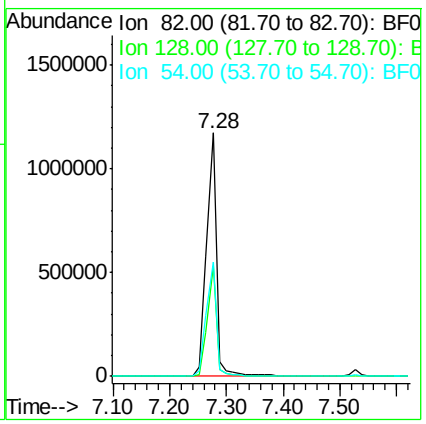


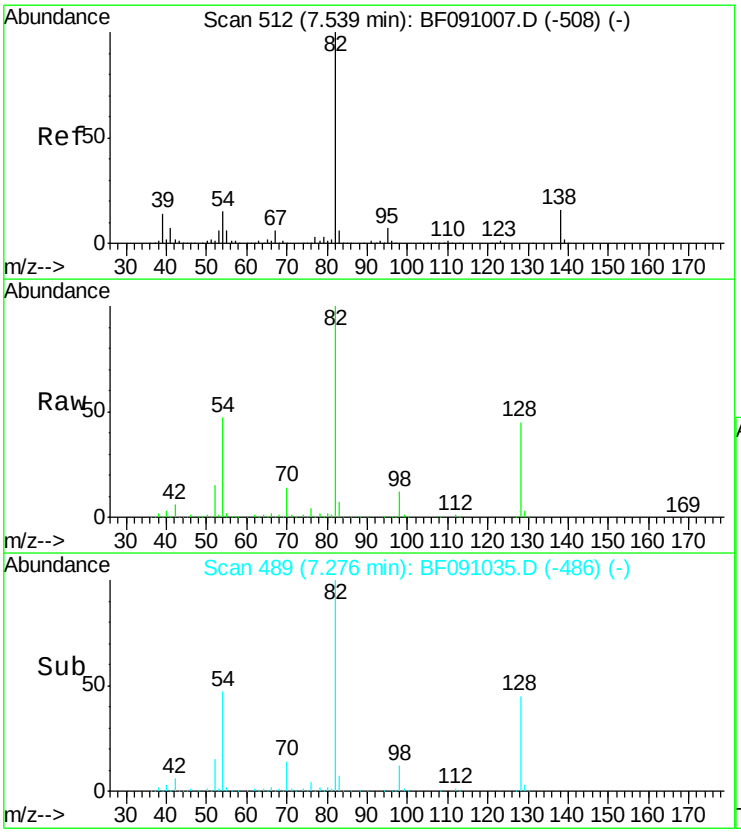
#23
Nitrobenzene-d5
Concen: 101.79 ng
RT: 7.28 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Tgt Ion: 82 Resp: 1368496

Ion	Ratio	Lower	Upper
82	100		
128	45.4	32.4	48.6
54	47.1	39.2	58.8

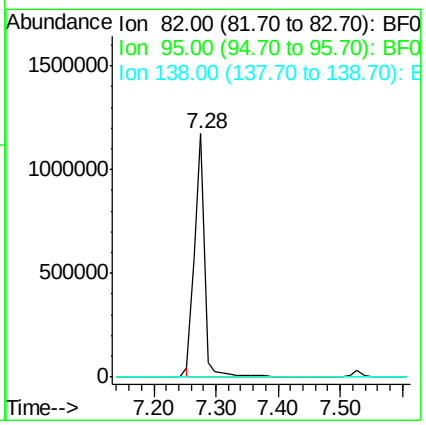


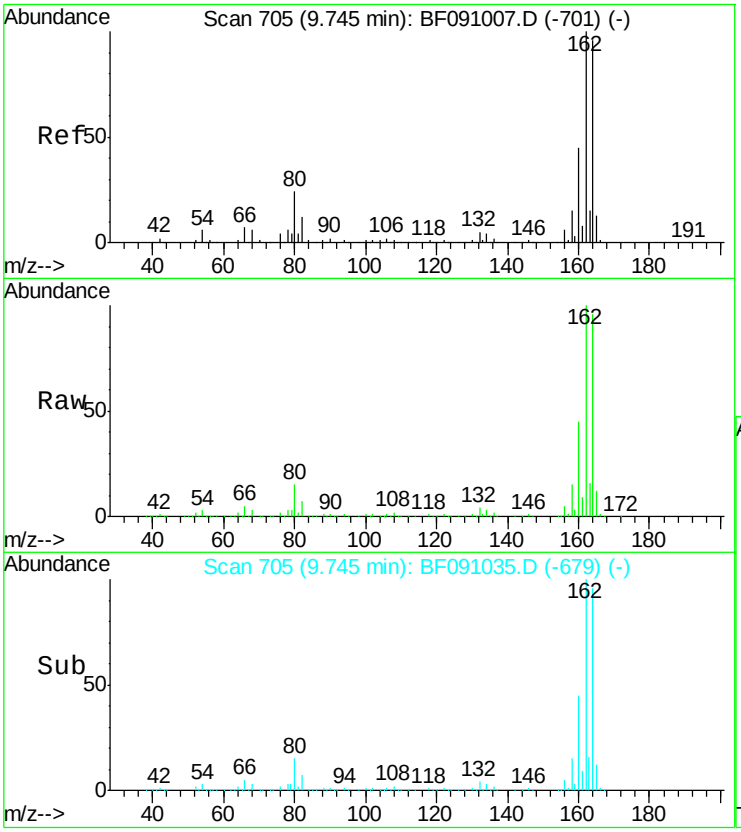


#25
Isophorone
Concen: 50.52 ng
RT: 7.28 min Scan# 489
Delta R.T. -0.26 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion: 82 Resp: 1308772

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



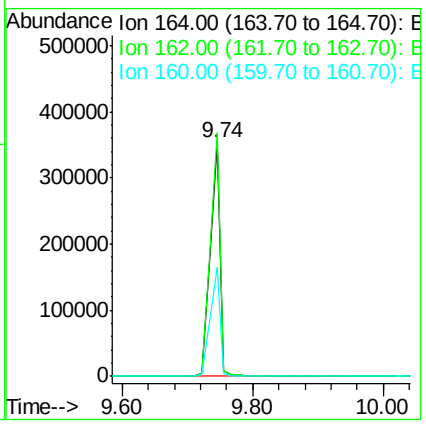


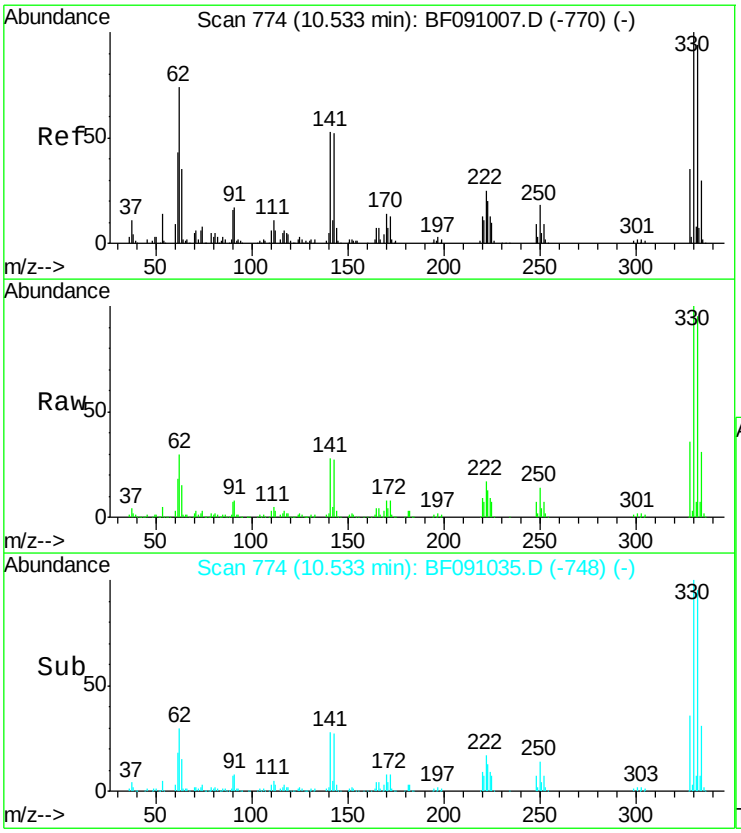
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Tgt Ion:164 Resp: 377587

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.6	125.4
160	46.9	37.9	56.9

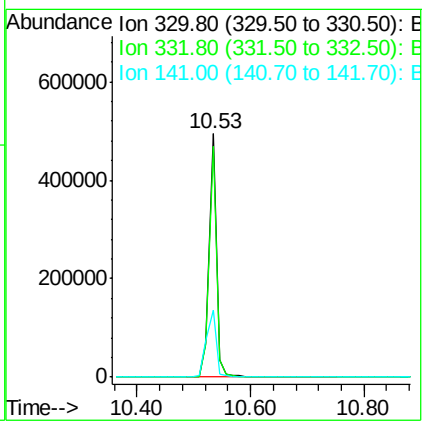


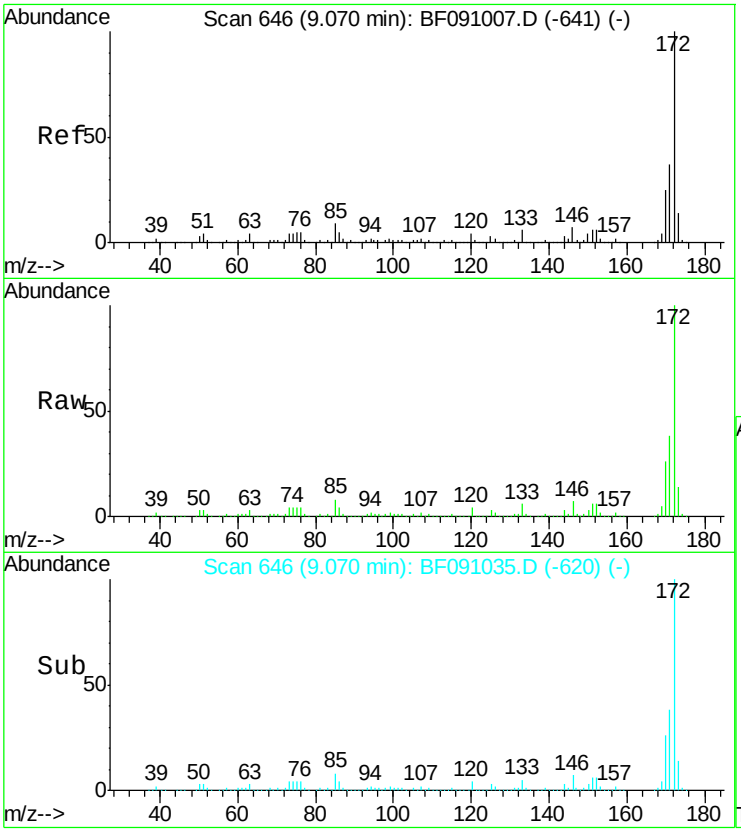


#41
2,4,6-Tribromophenol
Concen: 124.95 ng
RT: 10.53 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:330 Resp: 426521

Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.9	113.9
141	36.4	36.1	54.1



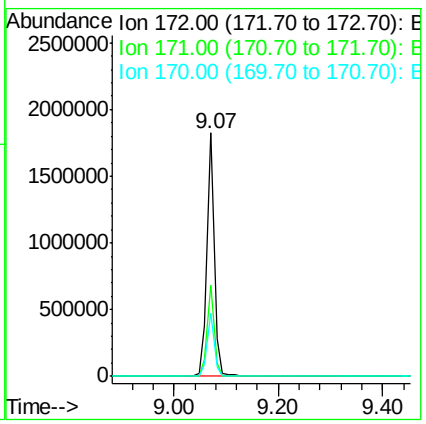


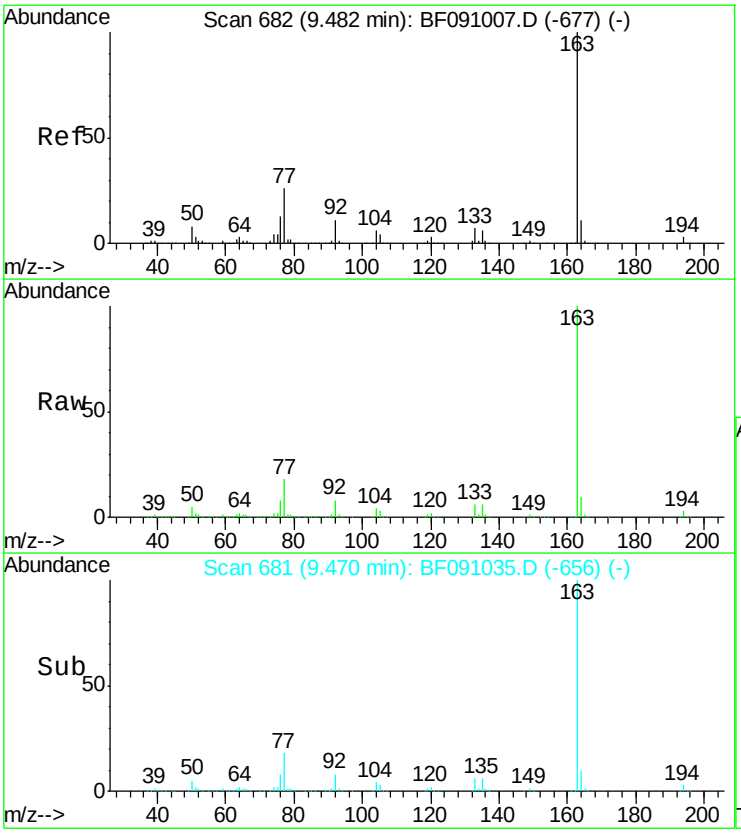
#44
2-Fluorobiphenyl
Concen: 81.04 ng
RT: 9.07 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Tgt Ion:172 Resp: 1777468

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.8	20.3	30.5

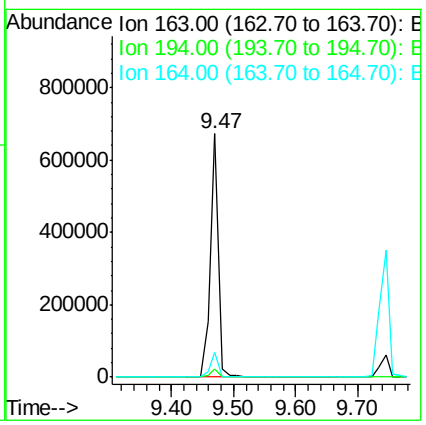


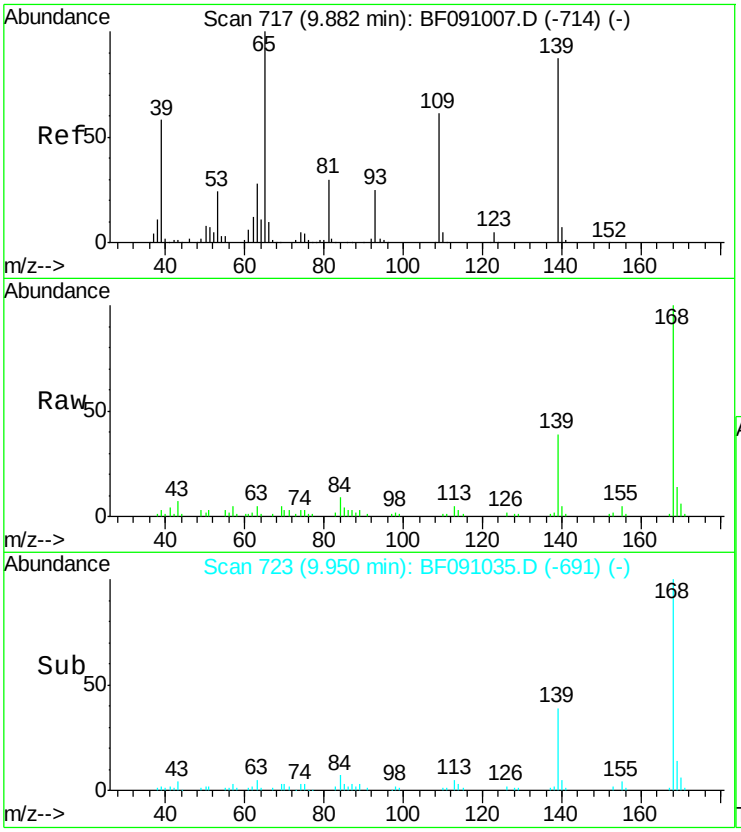


#49
Dimethylphthalate
Concen: 24.18 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:163 Resp: 598699

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.9	8.7	13.1



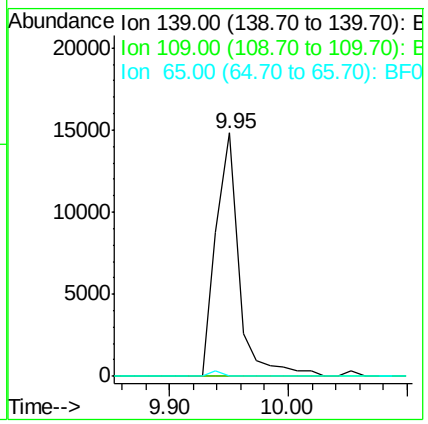


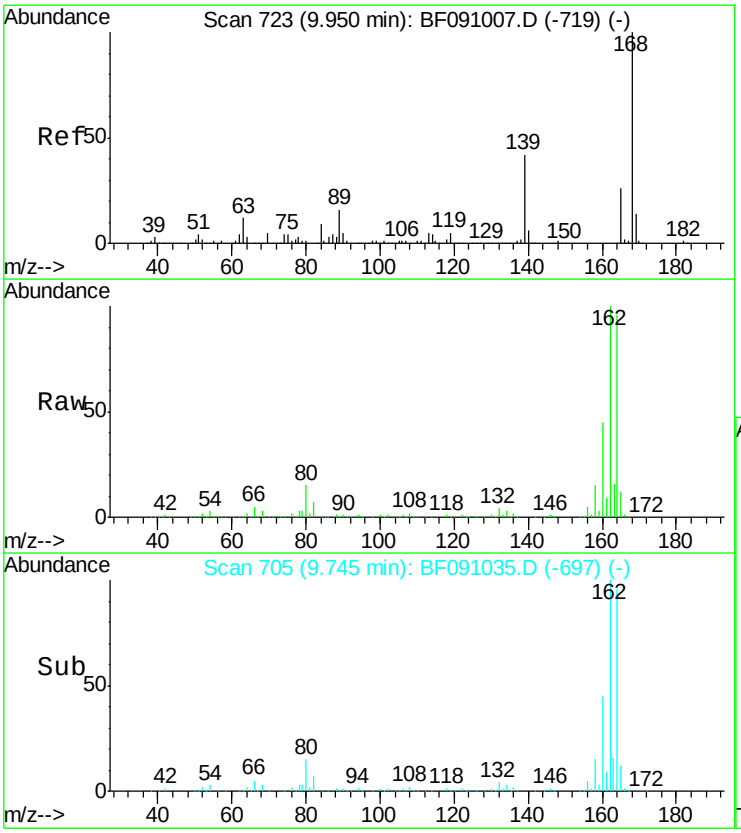
#55
4-Nitrophenol
Concen: 10.14 ng
RT: 9.95 min Scan# 723
Delta R.T. 0.07 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Tgt Ion:139 Resp: 19876

Ion	Ratio	Lower	Upper
139	100		
109	0.0	50.5	90.5#
65	0.0	97.1	137.1#

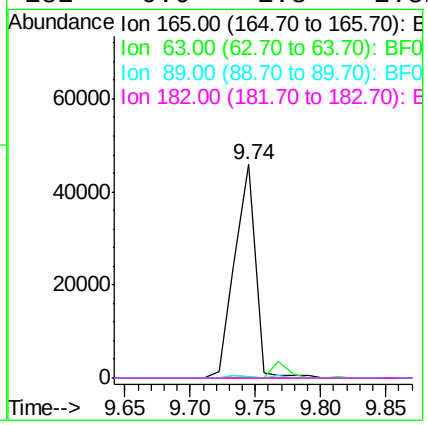


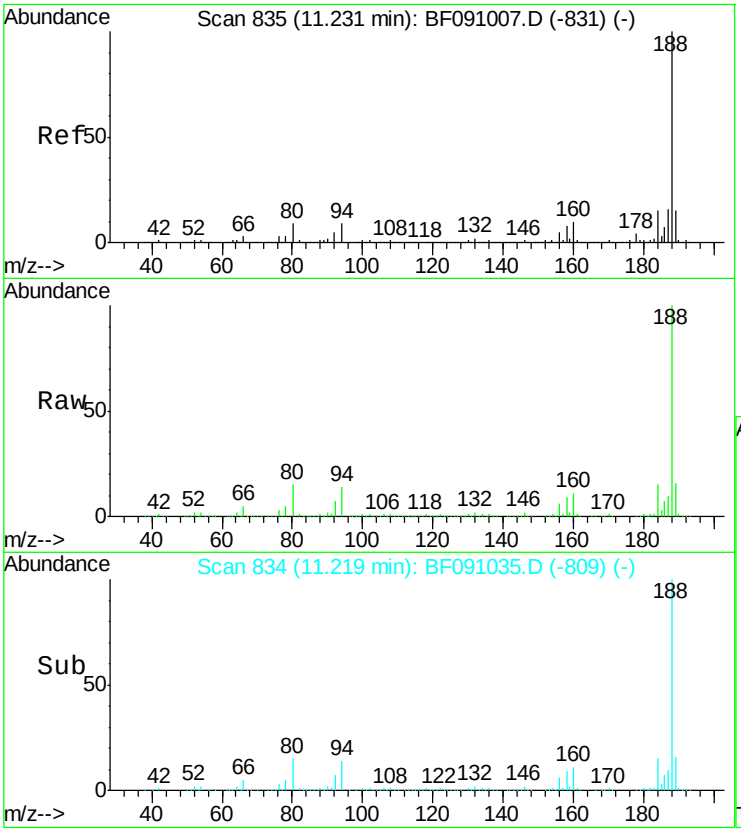


#56
2,4-Dinitrotoluene
Concen: 7.50 ng
RT: 9.74 min Scan# 705
Delta R.T. -0.21 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:165 Resp: 50639

Ion	Ratio	Lower	Upper
165	100		
63	0.7	38.7	58.1#
89	0.8	50.6	76.0#
182	0.0	1.8	2.8#



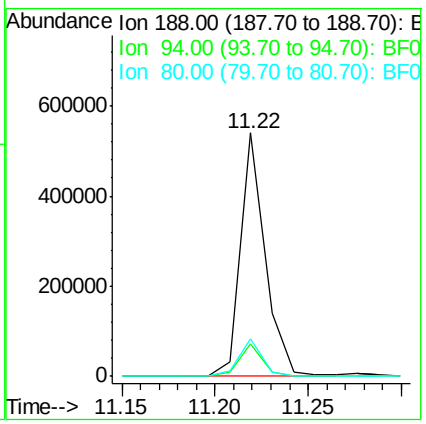


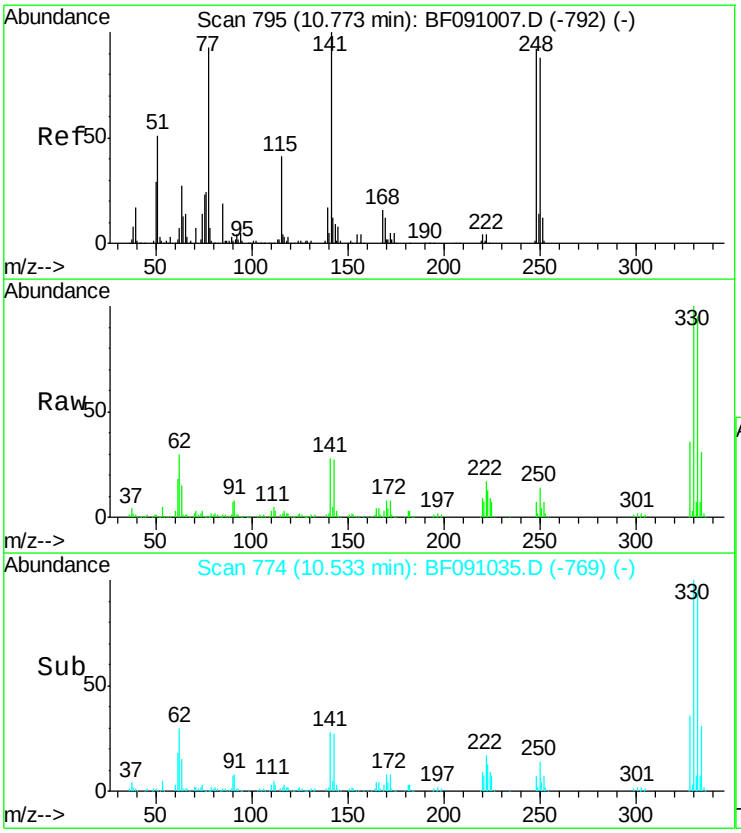
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Tgt Ion:188 Resp: 499506

Ion	Ratio	Lower	Upper
188	100		
94	13.5	7.0	10.4#
80	15.3	7.5	11.3#

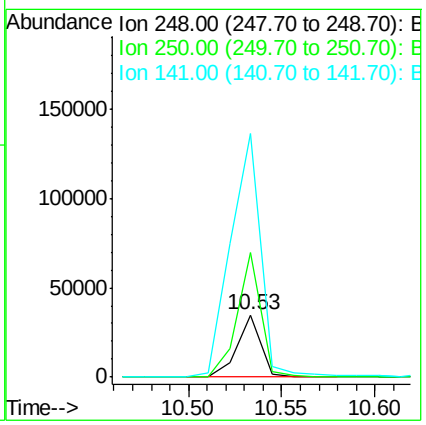


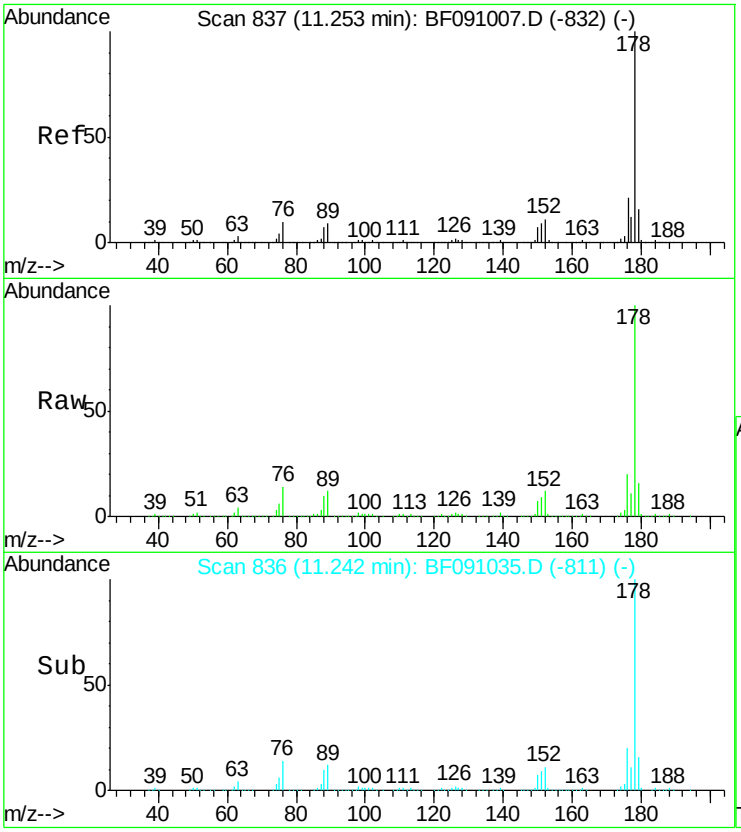


#66
4-Bromophenyl-phenylether
Concen: 5.90 ng
RT: 10.53 min Scan# 774
Delta R.T. -0.24 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:248 Resp: 30663

Ion	Ratio	Lower	Upper
248	100		
250	199.9	76.3	114.5#
141	392.2	86.8	130.2#



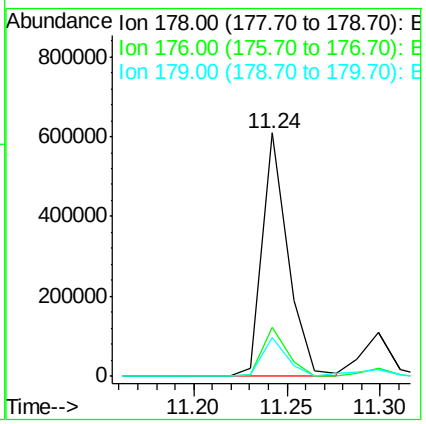


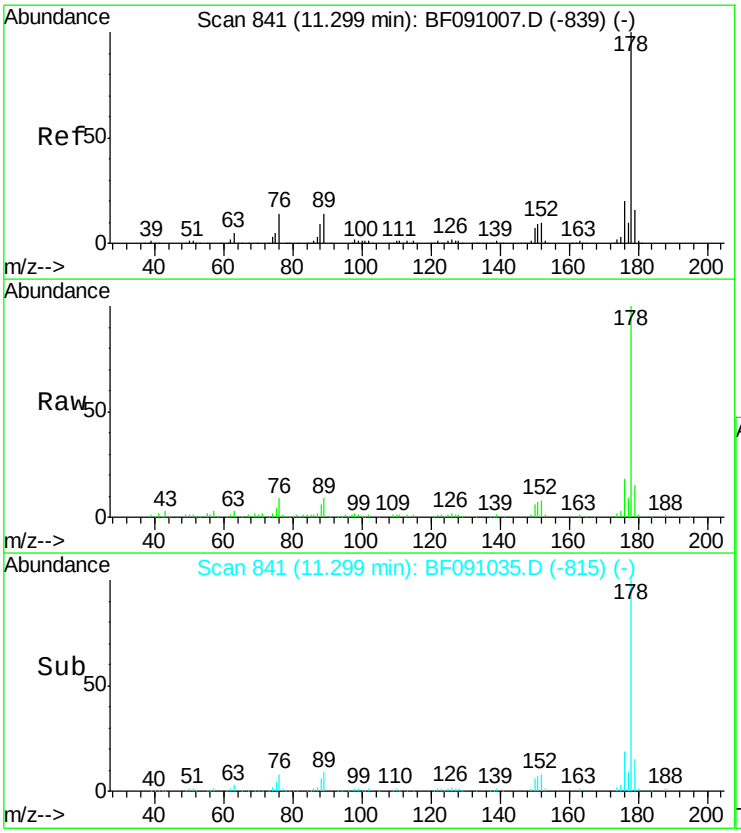
#70
Phenanthrene
Concen: 21.63 ng
RT: 11.24 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Tgt Ion:178 Resp: 574221

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	15.7	12.9	19.3

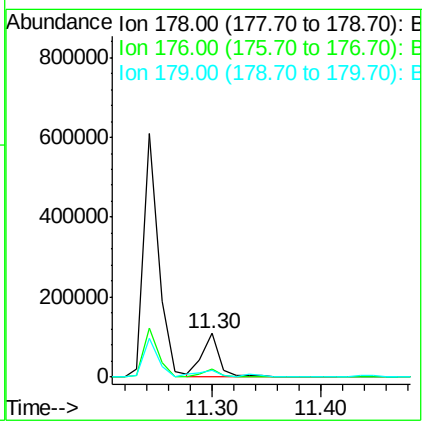


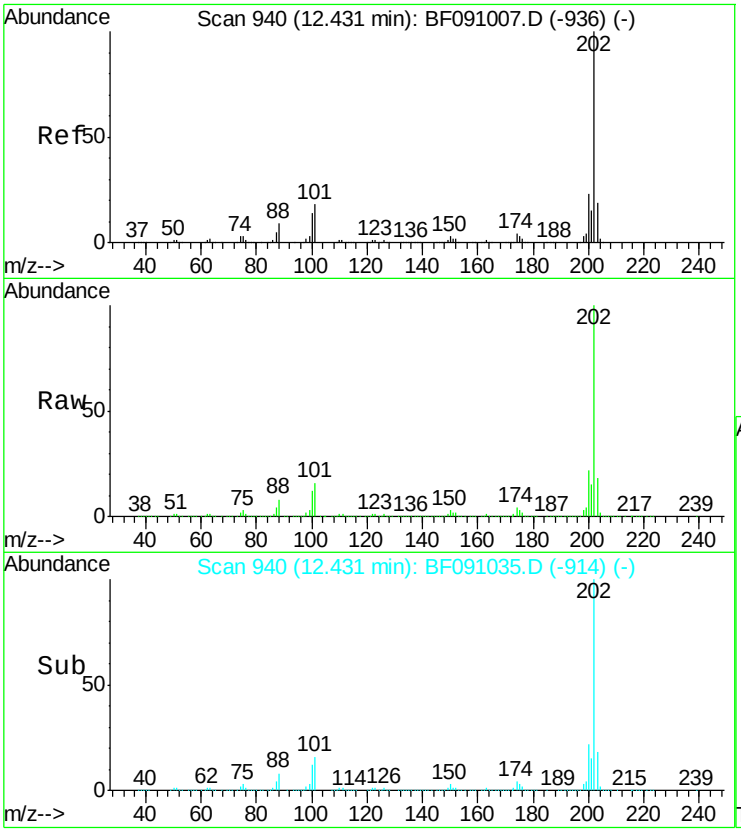


#71
Anthracene
Concen: 4.46 ng
RT: 11.30 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:178 Resp: 125933

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.0	24.0
179	15.5	13.0	19.6



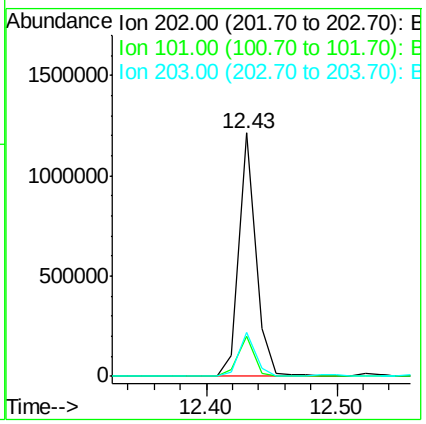


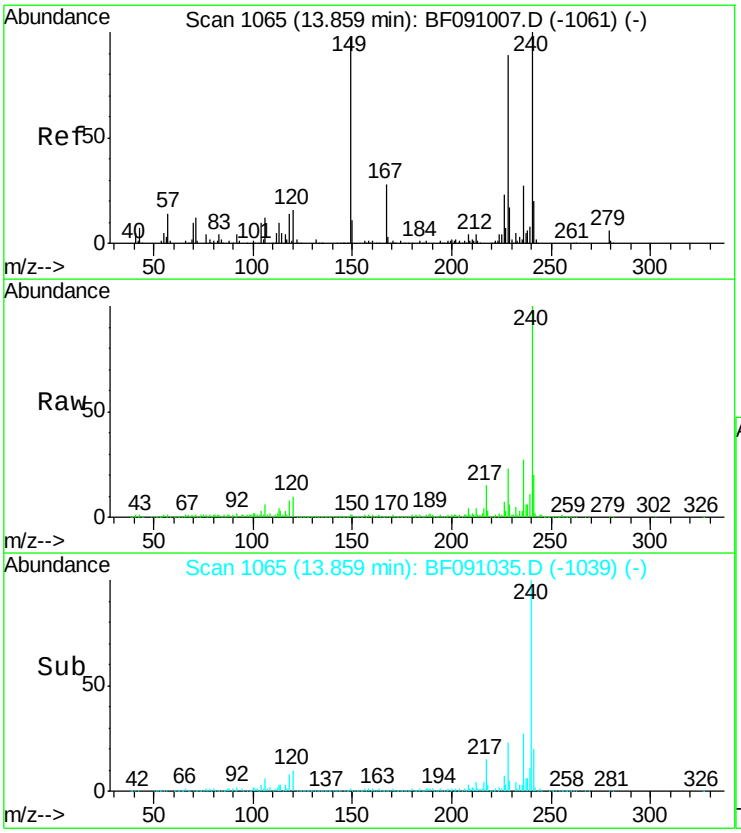
#74
Fluoranthene
Concen: 39.58 ng
RT: 12.43 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Tgt Ion:202 Resp: 1089933

Ion	Ratio	Lower	Upper
202	100		
101	16.4	0.0	37.6
203	18.3	0.0	38.6

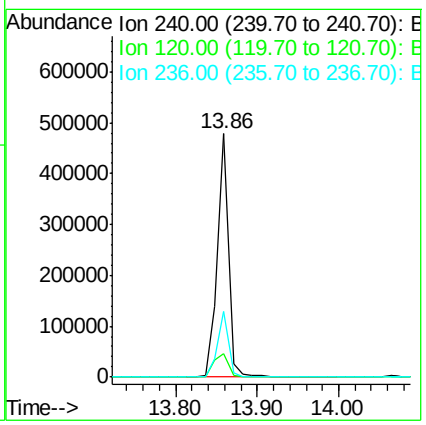


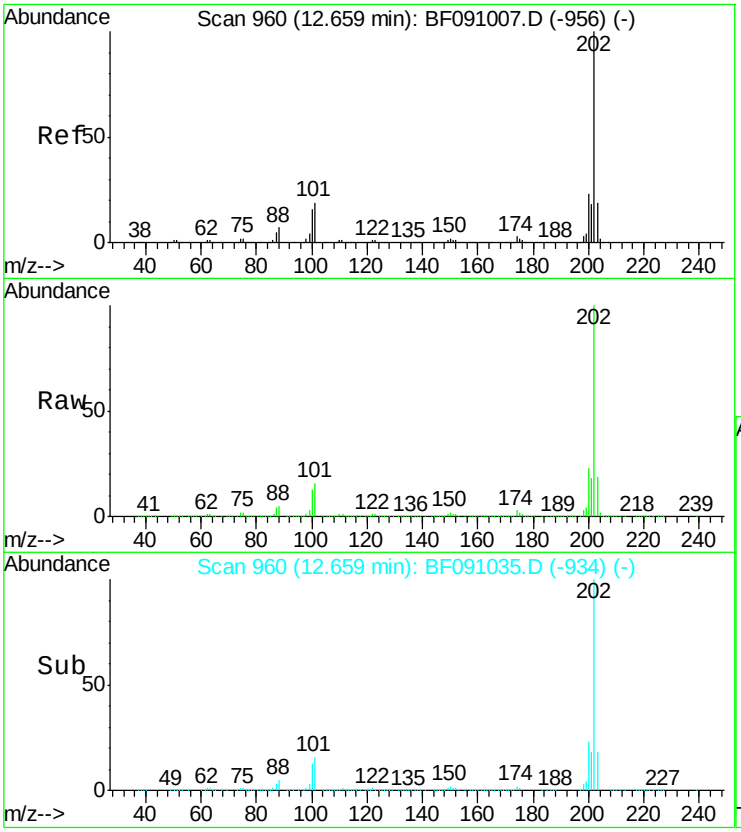


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:240 Resp: 454704

Ion	Ratio	Lower	Upper
240	100		
120	9.6	12.9	19.3#
236	26.9	21.9	32.9



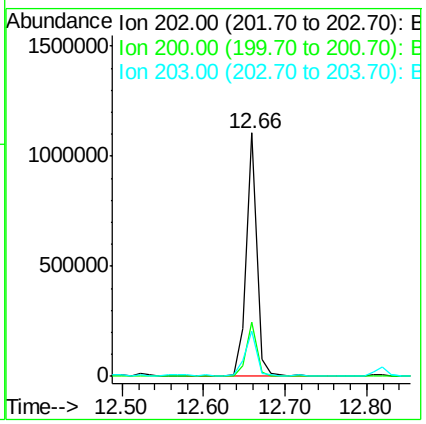


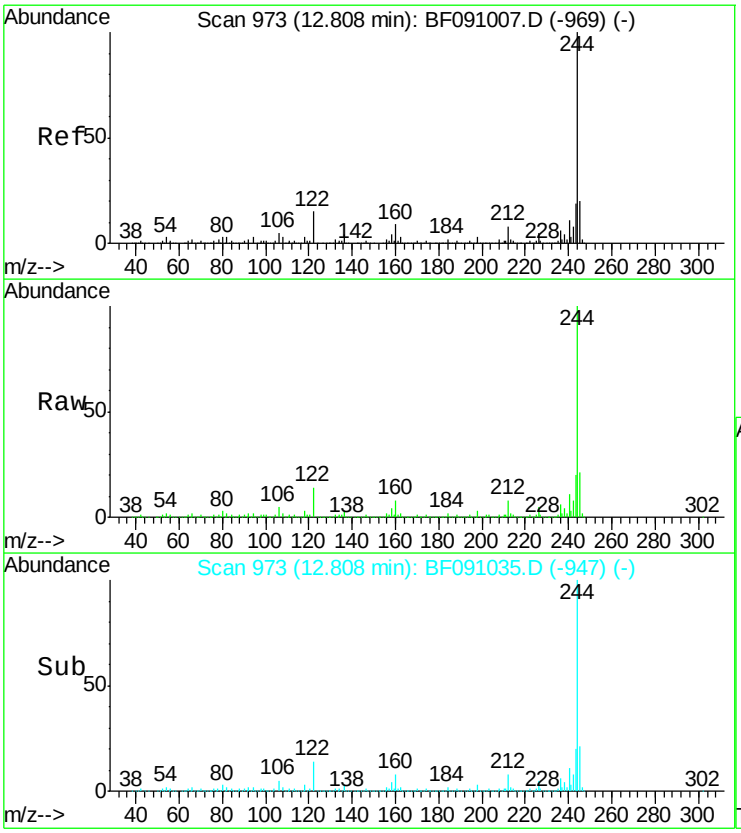
#77
Pyrene
Concen: 32.85 ng
RT: 12.66 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Tgt Ion:202 Resp: 978288

Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.4	27.6
203	18.6	15.0	22.6

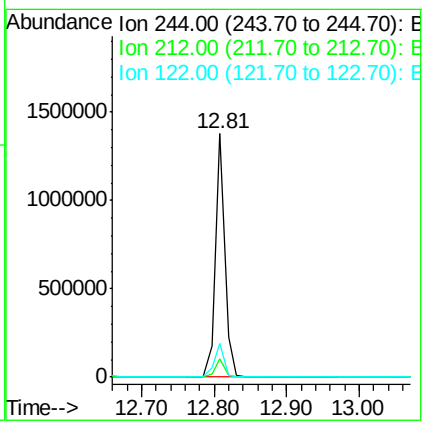


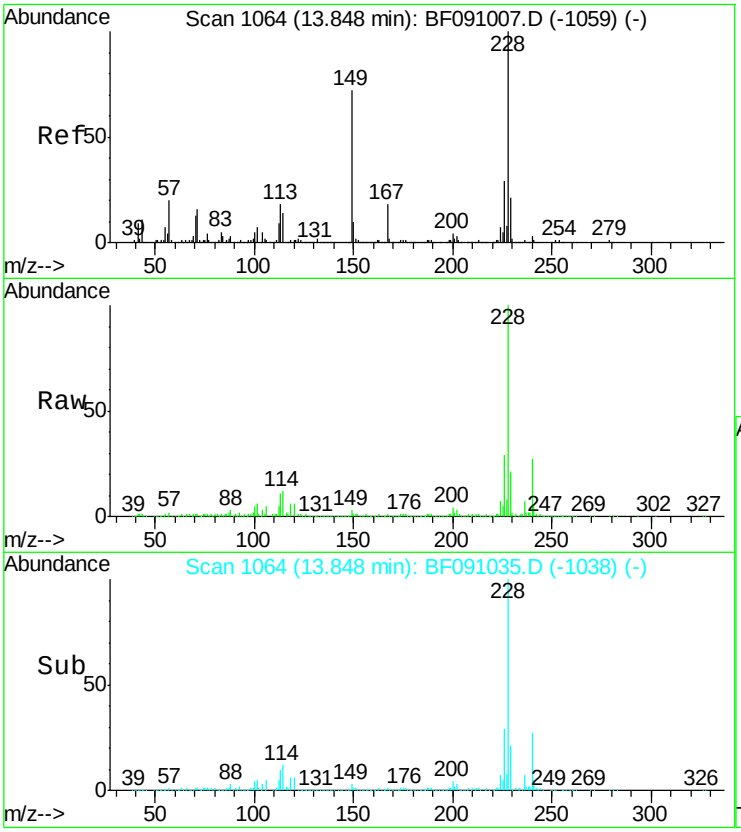


#78
Terphenyl-d14
Concen: 68.61 ng
RT: 12.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:244 Resp: 1250143

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	13.8	12.3	18.5



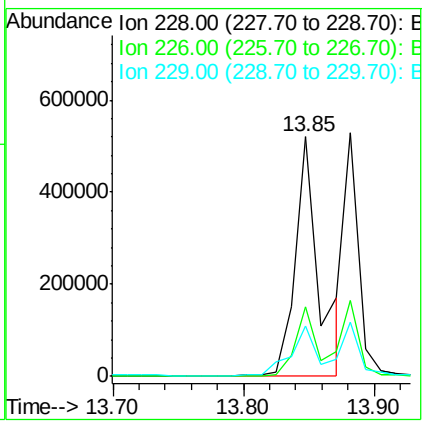


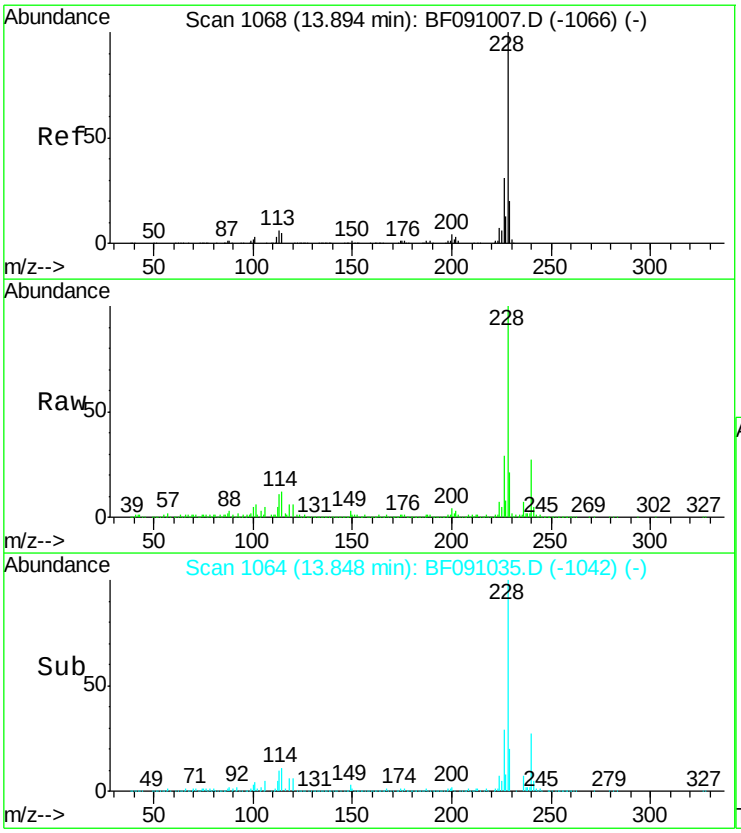
#80
Benzo(a)anthracene
Concen: 25.57 ng
RT: 13.85 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Tgt Ion:228 Resp: 660102

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	21.2	16.6	24.8

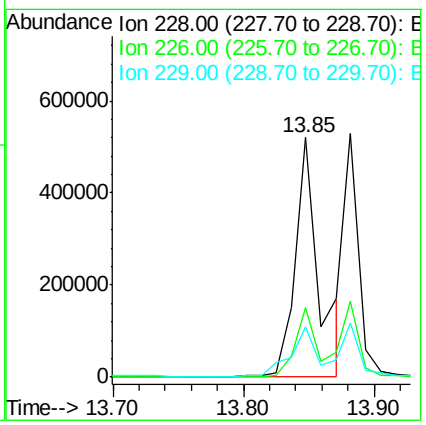


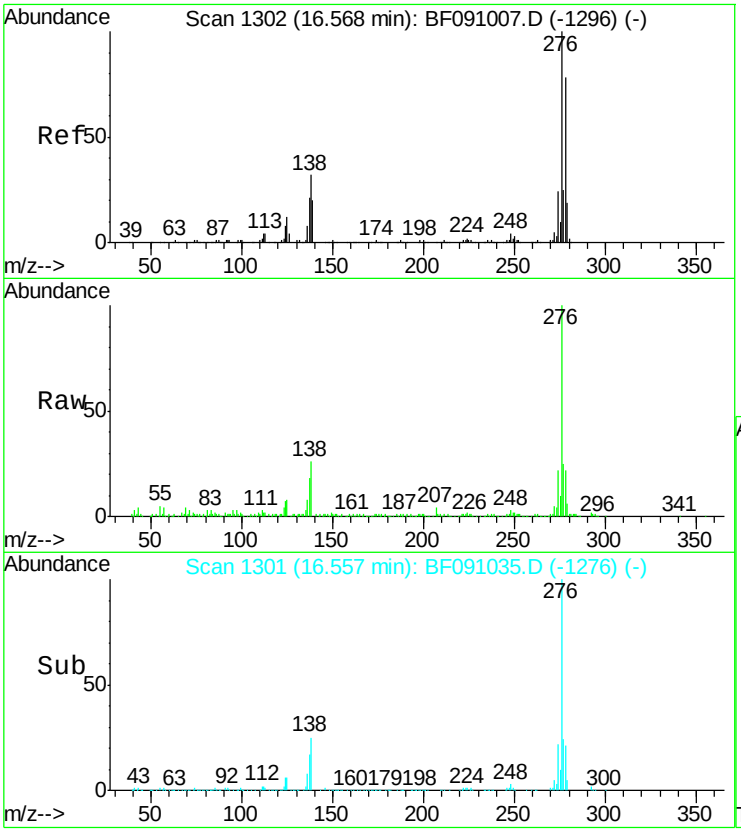


#82
Chrysene
Concen: 25.93 ng
RT: 13.85 min Scan# 1064
Delta R.T. -0.05 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:228 Resp: 660102

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	21.2	15.9	23.9



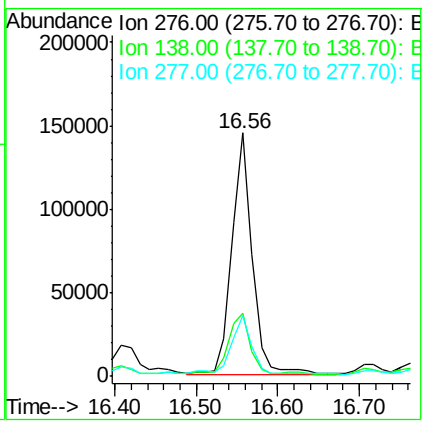


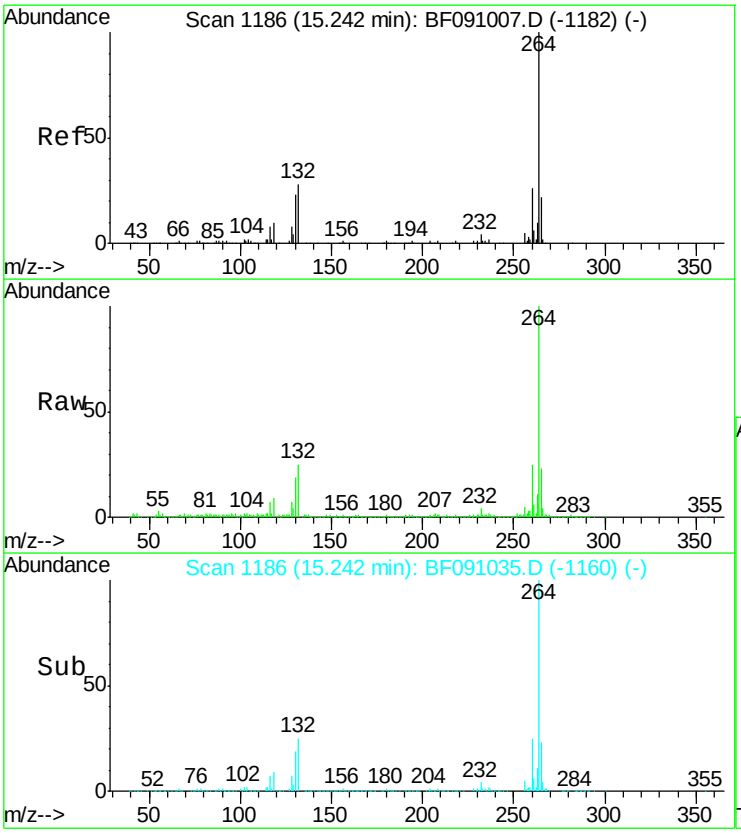
#85
Indeno(1,2,3-cd)pyrene
Concen: 11.99 ng
RT: 16.56 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Tgt Ion:276 Resp: 253156

Ion	Ratio	Lower	Upper
276	100		
138	27.3	26.0	39.0
277	24.2	20.1	30.1

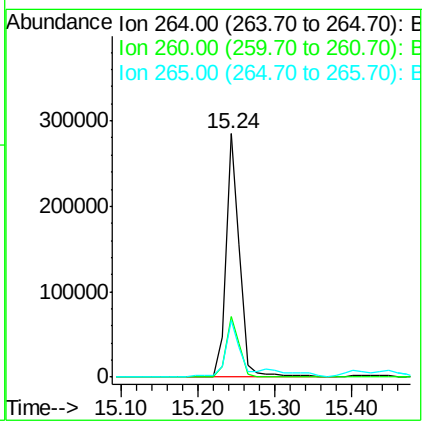


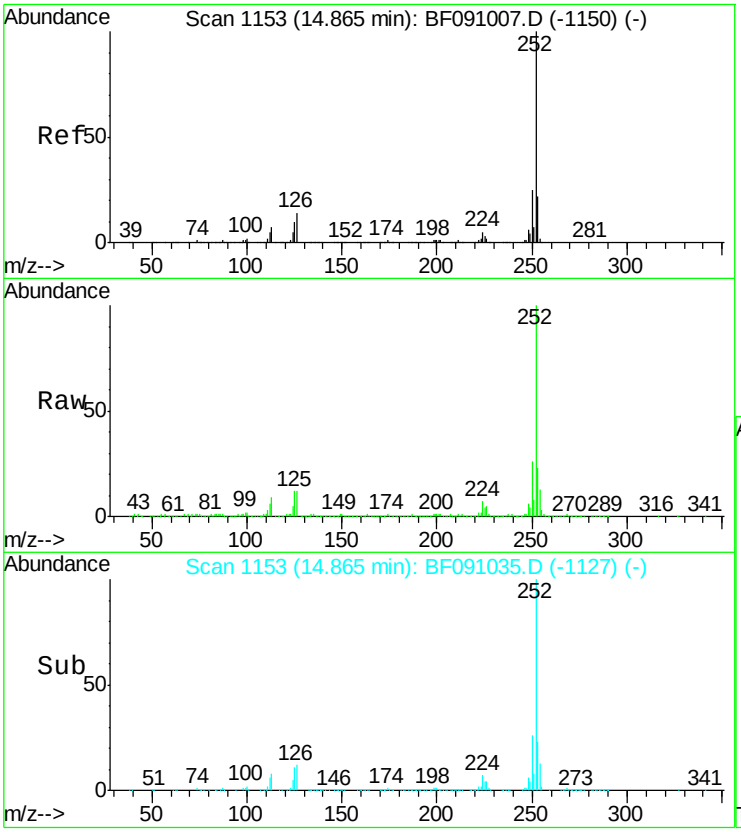


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:264 Resp: 359932

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	30.8
265	23.1	17.8	26.8



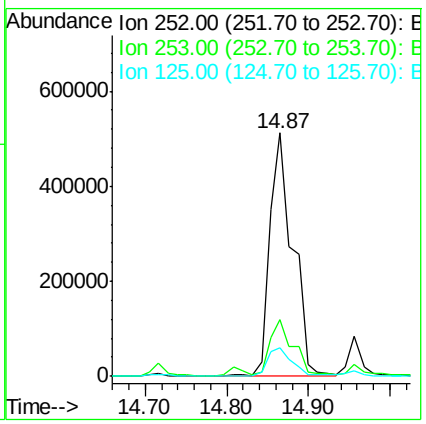


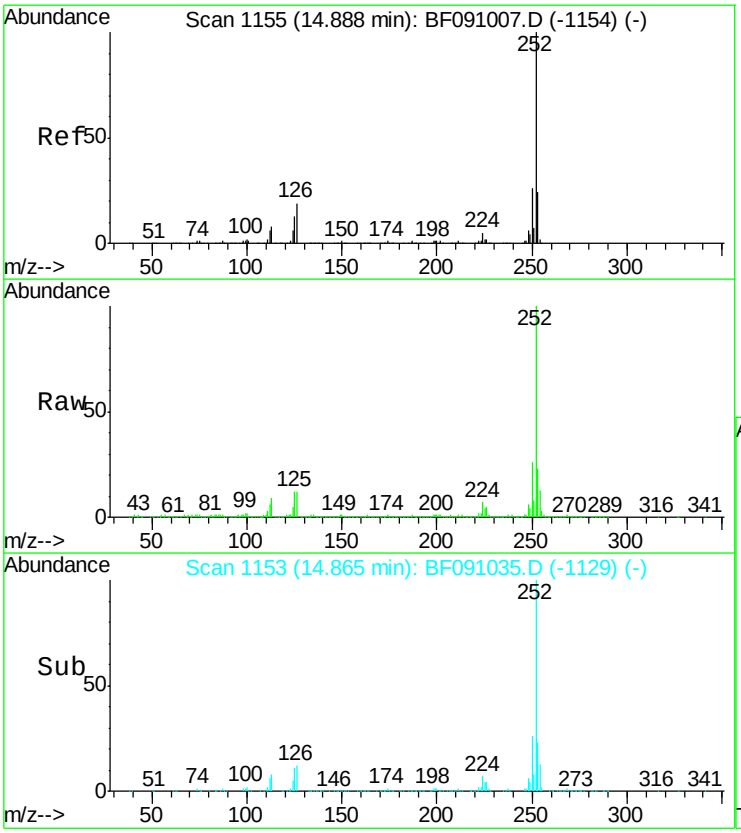
#87
Benzo(b)fluoranthene
Concen: 41.14 ng
RT: 14.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Tgt Ion:252 Resp: 1004204

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	11.8	8.3	12.5

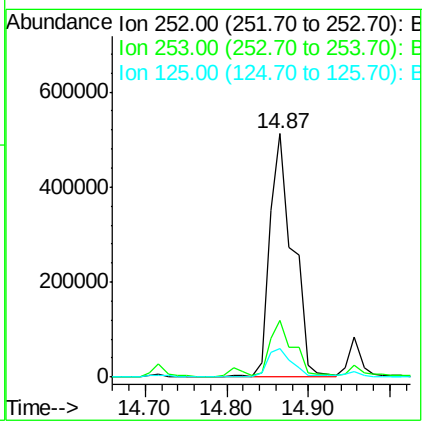


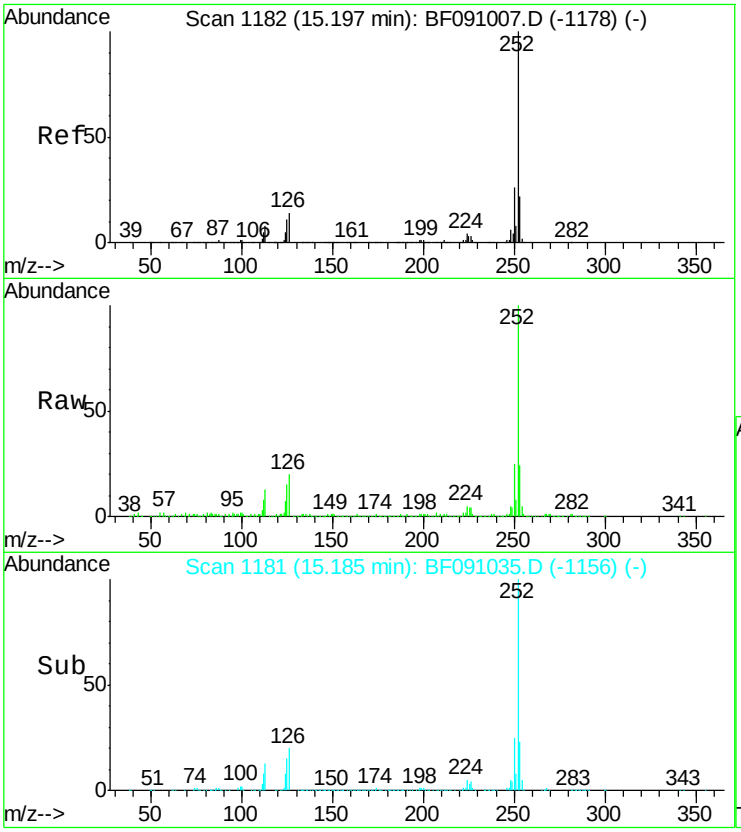


#88
Benzo(k)fluoranthene
Concen: 46.89 ng
RT: 14.87 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:252 Resp: 1004204

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	28.0
125	11.8	11.2	16.8



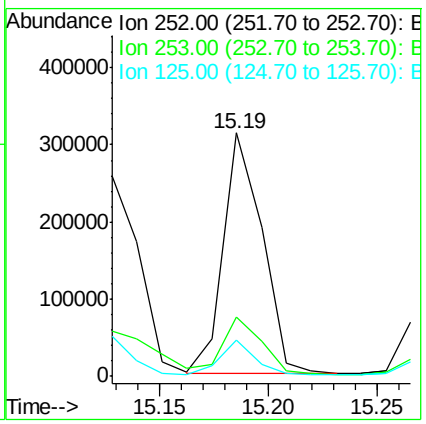


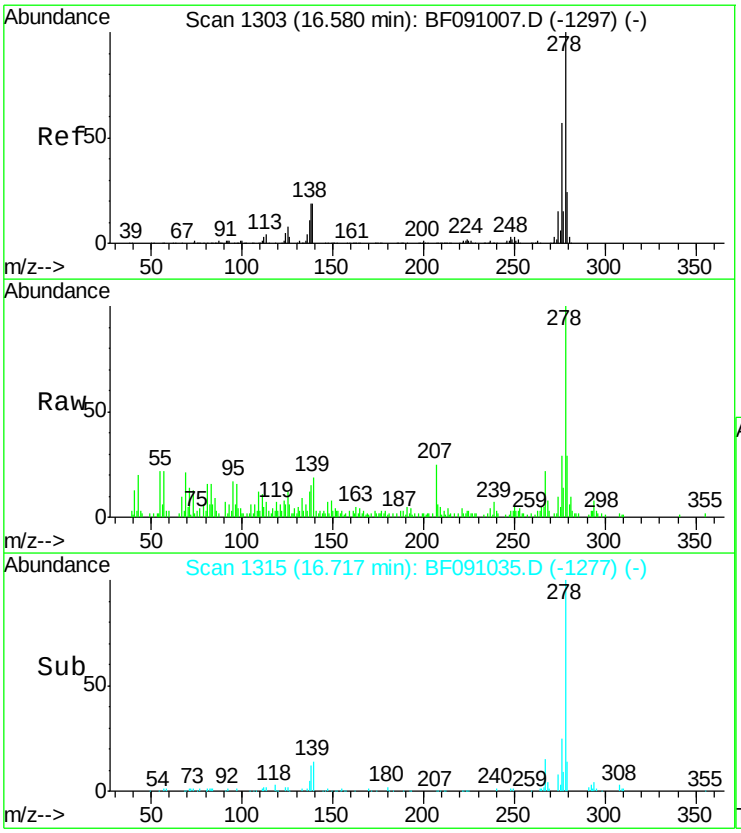
#89
Benzo(a)pyrene
Concen: 18.21 ng
RT: 15.19 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Tgt Ion:252 Resp: 386920

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	14.9	8.6	13.0#

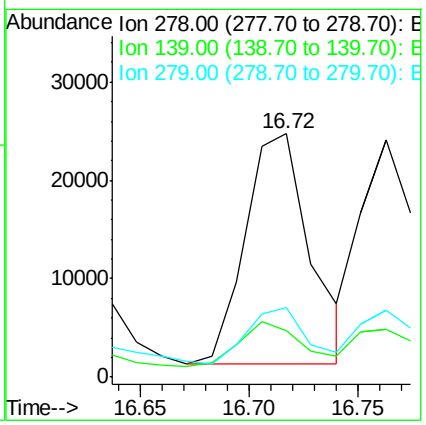


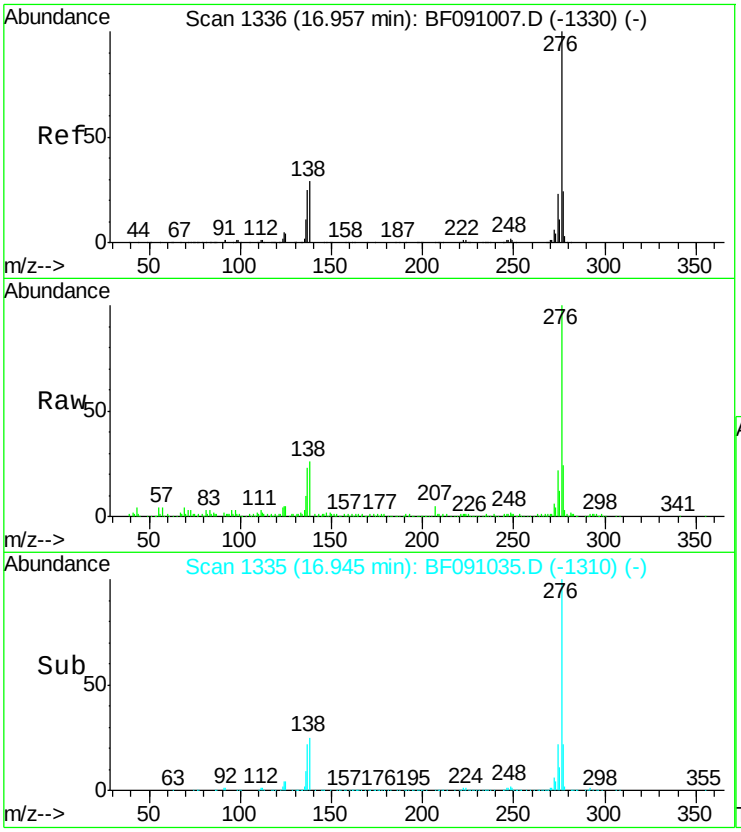


#90
Dibenzo(a,h)anthracene
Concen: 2.64 ng
RT: 16.72 min Scan# 1315
Delta R.T. 0.14 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:278 Resp: 48428

Ion	Ratio	Lower	Upper
278	100		
139	19.2	15.3	22.9
279	28.6	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 14.08 ng
RT: 16.95 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Tgt Ion:276 Resp: 233885

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	25.5	23.3	34.9