Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091033.D
Acq On : 4 Nov 2016 21:07
Operator : UM/SJ
Sample : H5526-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-100-1.0-1.5

Quant Time: Nov 04 23:26:07 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	180301	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	708041	20.00	ng		-0.01
38) Acenaphthene-d10	9.74	164	354973	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	489922	20.00	ng		-0.01
75) Chrysene-d12	13.85	240	364476	20.00	ng		-0.01
86) Perylene-d12	15.24	264	332598	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1277336	117.00	ng		0.01
7) Phenol-d6	6.36	99	1868480	126.10	ng		0.01
23) Nitrobenzene-d5	7.28	82	1202631	92.66	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	369227	115.05	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1539020	74.64	ng		0.00
78) Terphenyl-d14	12.81	244	1180446	80.82	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.48	77	33930	4.13	ng		89
19) n-Nitroso-di-n-propylamine	7.28	70	167394	16.30	ng	#	75
25) Isophorone	7.28	82	1150068	45.98	ng	#	67
49) Dimethylphthalate	9.47	163	535294	23.00	ng		98
55) 4-Nitrophenol	9.95	139	692	5.90	ng	#	1
56) 2,4-Dinitrotoluene	9.74	165	45581	7.18	ng	#	26
66) 4-Bromophenyl-phenylether	10.53	248	25154	4.94	ng	#	1
70) Phenanthrene	11.24	178	96796	3.72	ng		97
74) Fluoranthene	12.43	202	259915	9.62	ng		92
77) Pyrene	12.66	202	227315	9.52	ng		97
80) Benzo(a)anthracene	13.85	228	321523	15.54	ng		100
82) Chrysene	13.85	228	321523	15.76	ng		96
85) Indeno(1,2,3-cd)pyrene	16.56	276	96754	5.71	ng		98
87) Benzo(b)fluoranthene	14.85	252	305220	13.53	ng	#	95
88) Benzo(k)fluoranthene	14.85	252	305220	15.42	ng		97
89) Benzo(a)pyrene	15.19	252	148198	7.55	ng	#	95
91) Benzo(g,h,i)perylene	16.95	276	87904	5.73	ng		97

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

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SB-100-1.0-1.5

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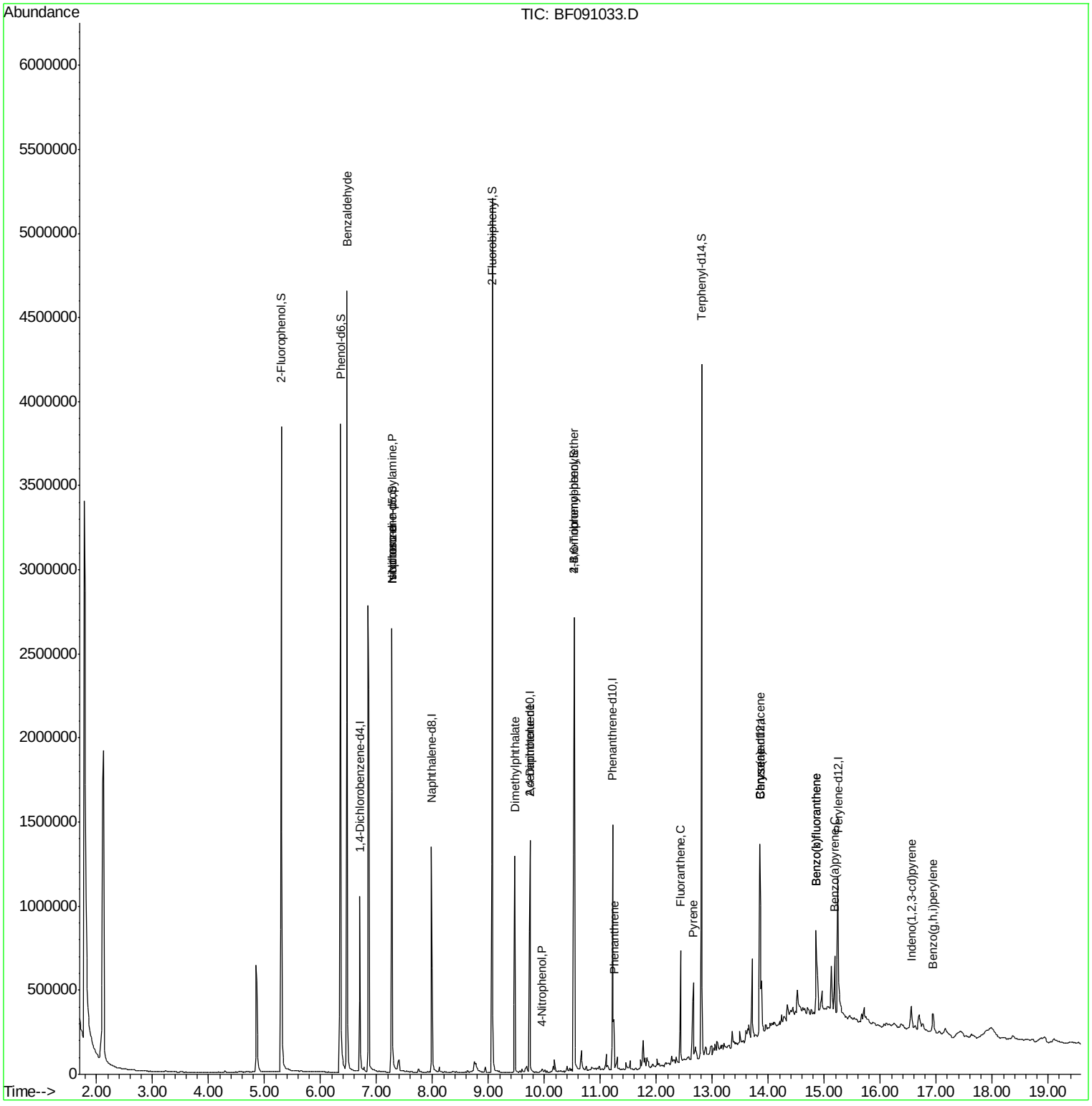
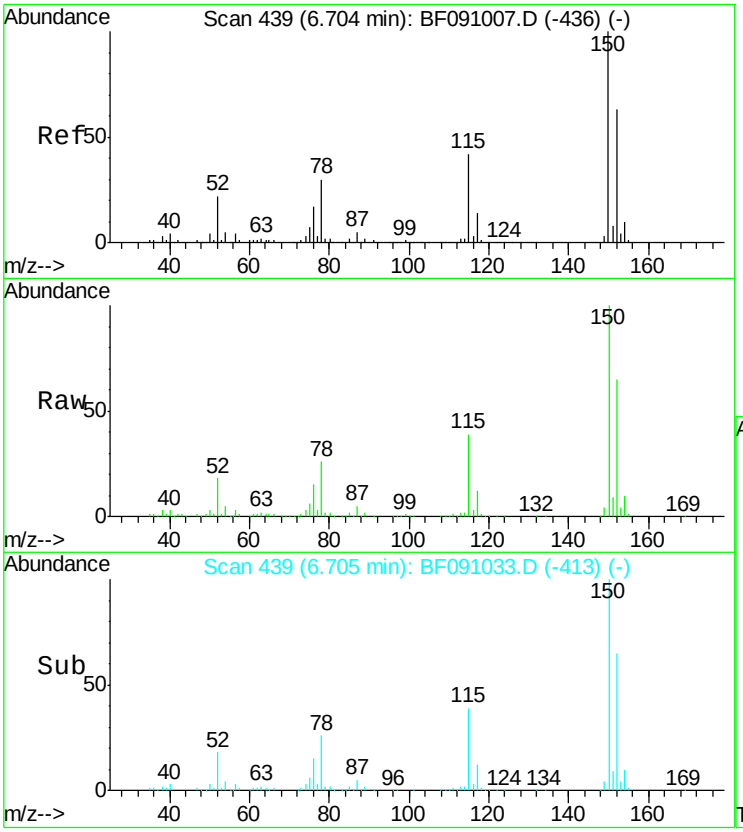


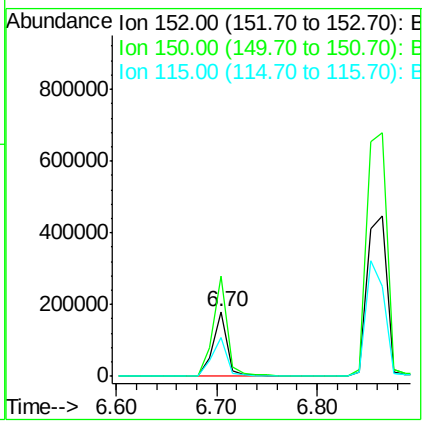


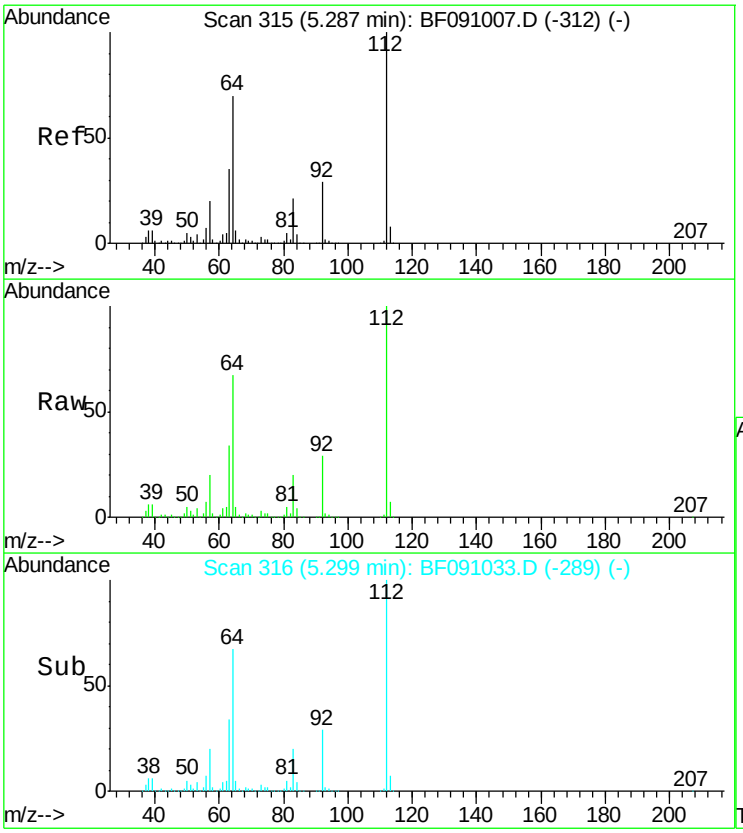
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Instrument :
BNA_F
ClientSampleId :
SB-100-1.0-1.5

Tgt Ion:152 Resp: 180301

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.8	190.2
115	60.9	53.3	79.9

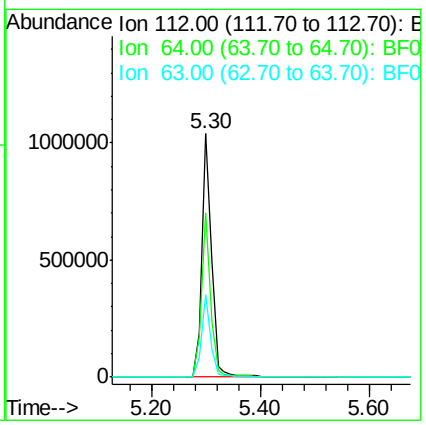


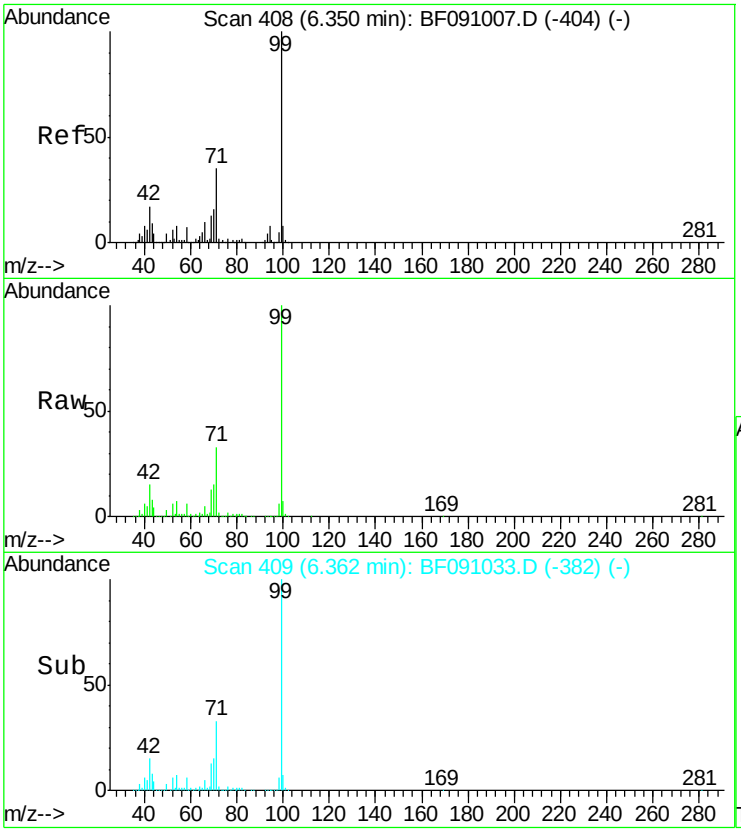


#5
2-Fluorophenol
Concen: 117.00 ng
RT: 5.30 min Scan# 316
Delta R.T. 0.01 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Tgt Ion:112 Resp: 1277336

Ion	Ratio	Lower	Upper
112	100		
64	67.3	55.8	83.6
63	34.1	28.0	42.0



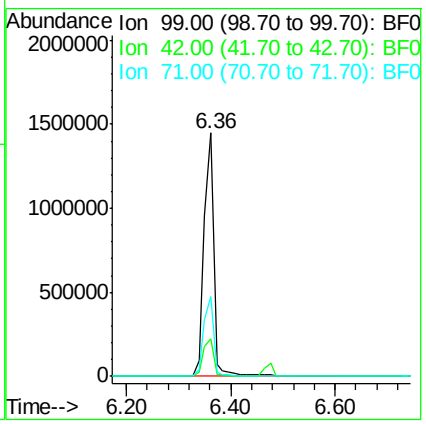


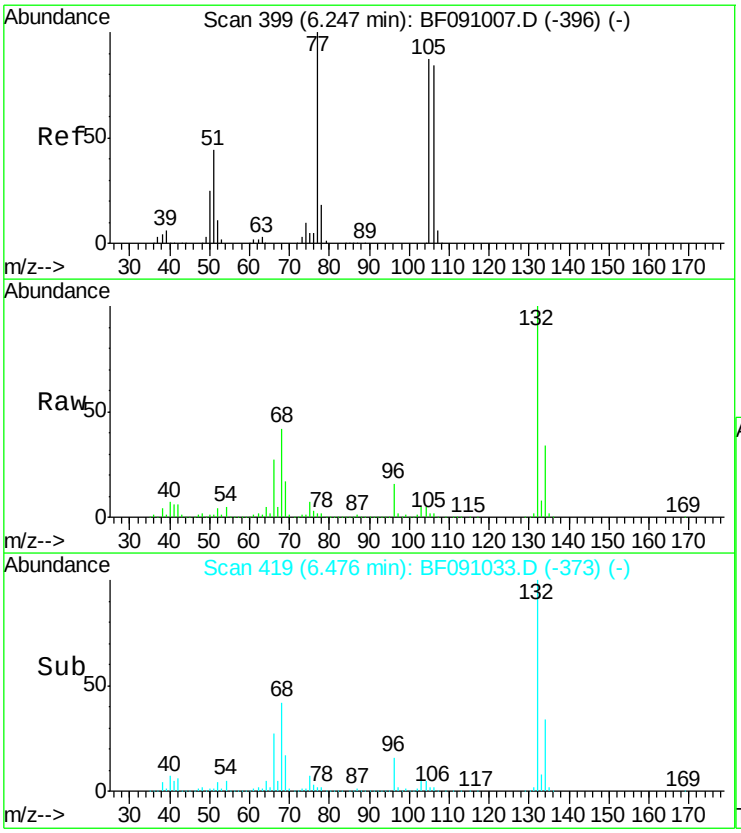
#7
Phenol-d6
Concen: 126.10 ng
RT: 6.36 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Instrument :
BNA_F
ClientSampleId :
SB-100-1.0-1.5

Tgt Ion: 99 Resp: 1868480

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.9	20.9
71	32.6	27.8	41.8

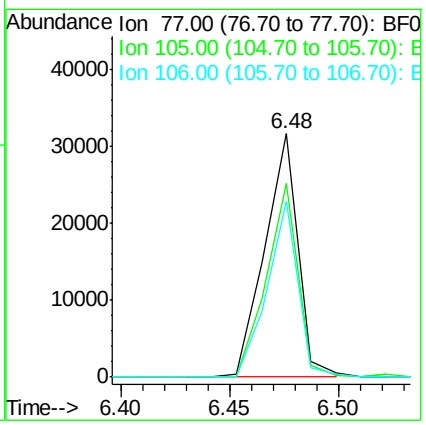


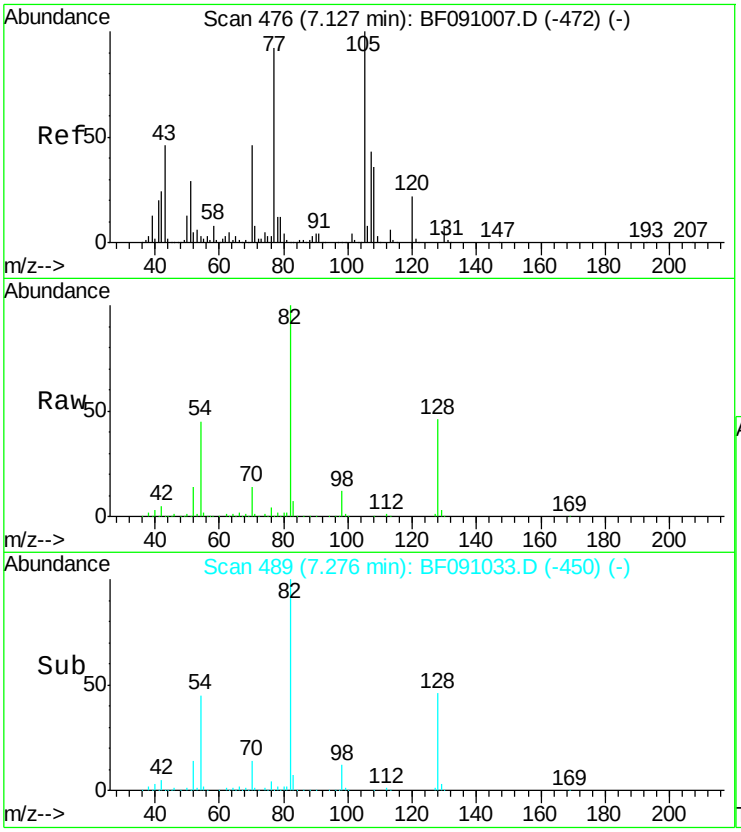


#9
Benzaldehyde
Concen: 4.13 ng
RT: 6.48 min Scan# 419
Delta R.T. 0.23 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Tgt Ion: 77 Resp: 33930

Ion	Ratio	Lower	Upper
77	100		
105	79.5	66.8	106.8
106	72.0	64.0	104.0



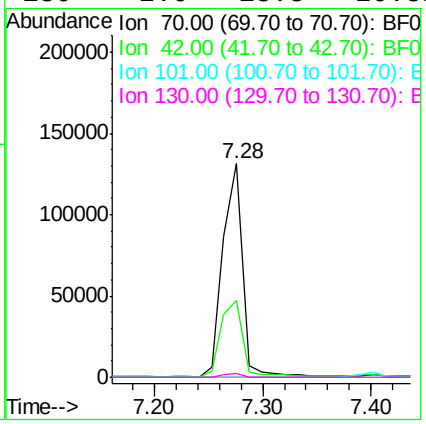


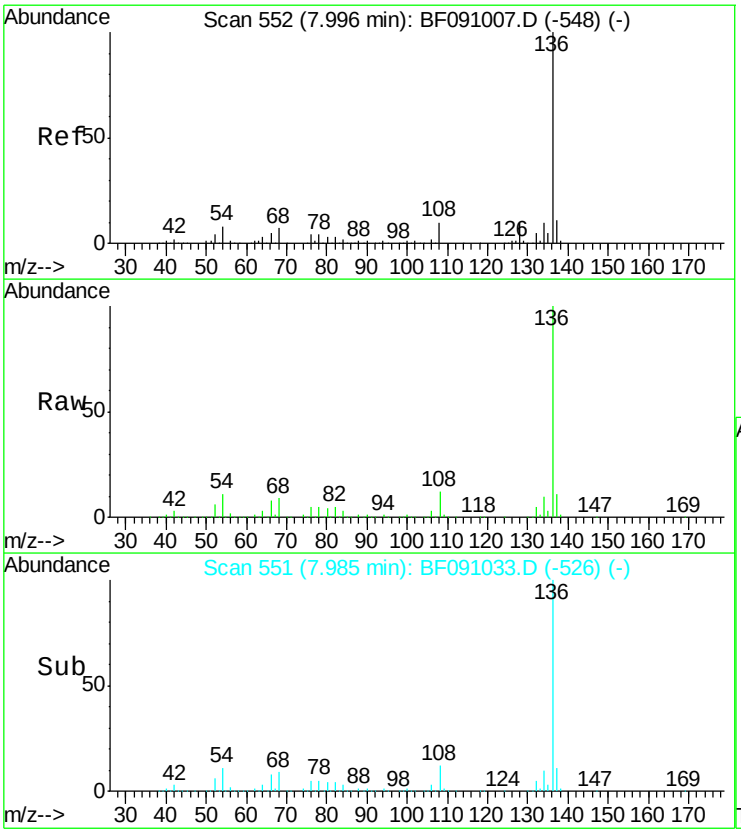
#19
n-Nitroso-di-n-propylamine
Concen: 16.30 ng
RT: 7.28 min Scan# 489
Delta R.T. 0.15 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Instrument :
BNA_F
ClientSampleId :
SB-100-1.0-1.5

Tgt Ion: 70 Resp: 167394

Ion	Ratio	Lower	Upper
70	100		
42	36.2	41.7	62.5#
101	0.0	6.7	10.1#
130	2.0	13.8	20.8#

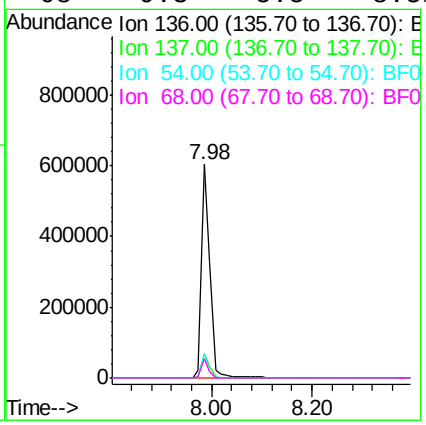


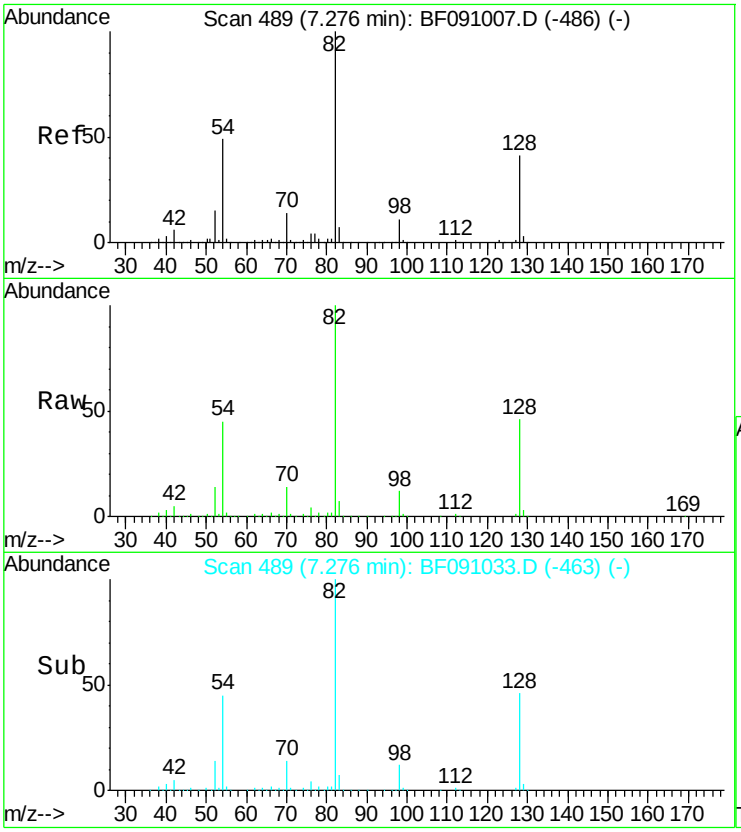


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Tgt Ion:136 Resp: 708041

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	11.2	6.2	9.2#
68	9.3	5.5	8.3#



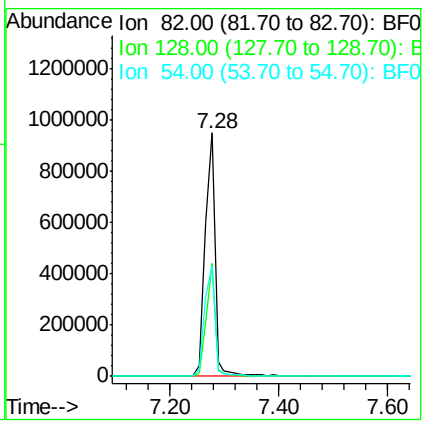


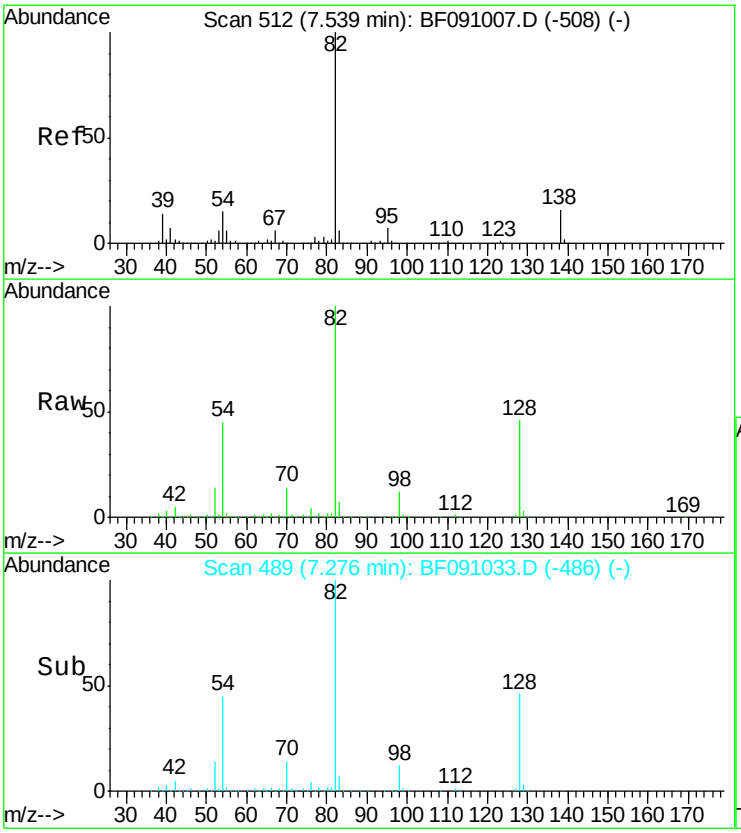
#23
Nitrobenzene-d5
Concen: 92.66 ng
RT: 7.28 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Instrument :
BNA_F
ClientSampleId :
SB-100-1.0-1.5

Tgt Ion: 82 Resp: 1202631

Ion	Ratio	Lower	Upper
82	100		
128	46.2	32.4	48.6
54	45.2	39.2	58.8

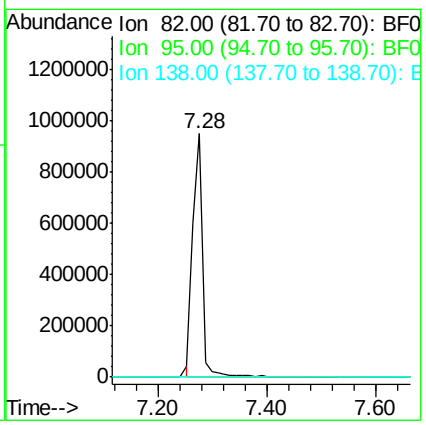


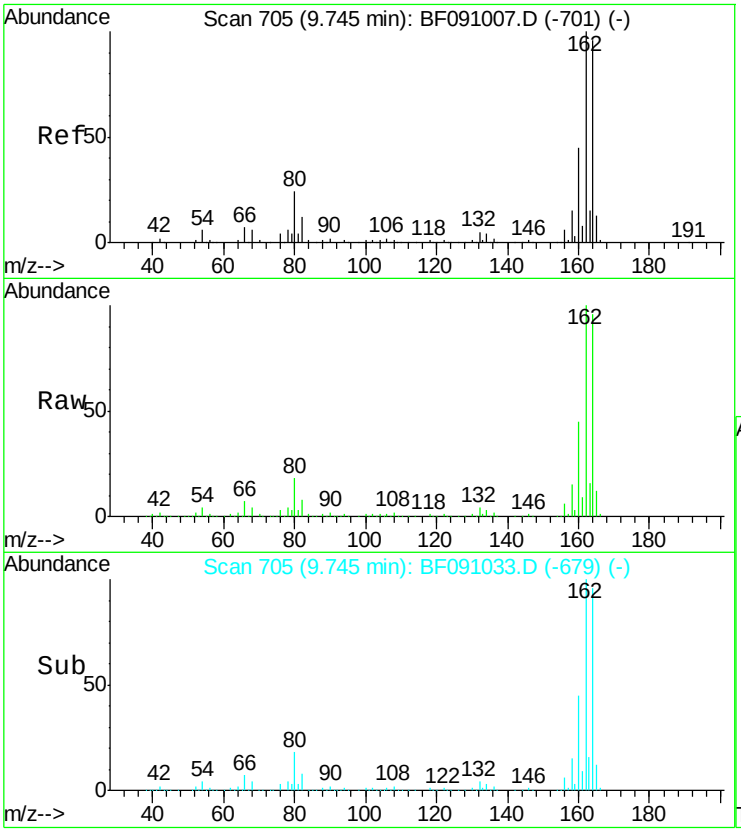


#25
Isophorone
Concen: 45.98 ng
RT: 7.28 min Scan# 489
Delta R.T. -0.26 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Tgt Ion: 82 Resp: 1150068

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



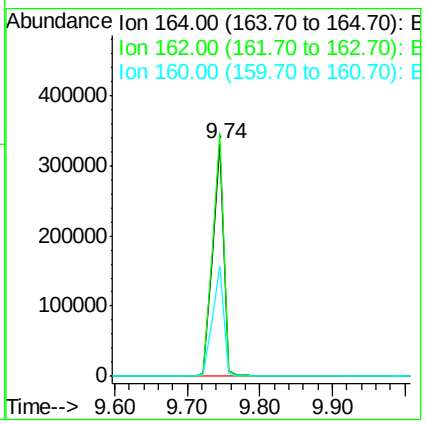


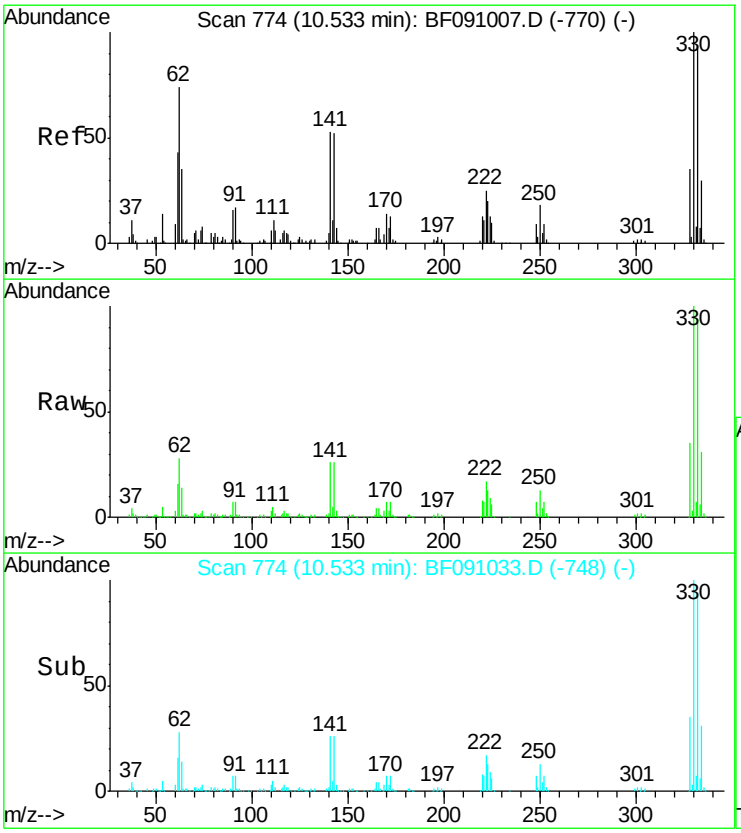
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Instrument :
BNA_F
ClientSampleId :
SB-100-1.0-1.5

Tgt Ion:164 Resp: 354973

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.6	125.4
160	47.4	37.9	56.9

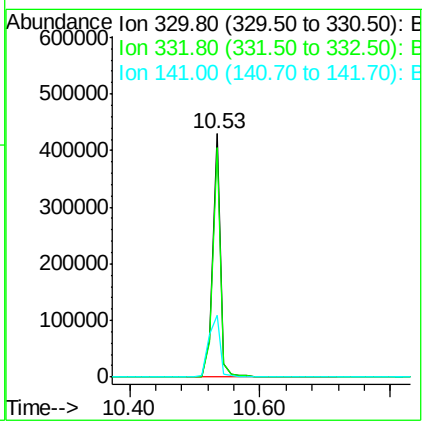


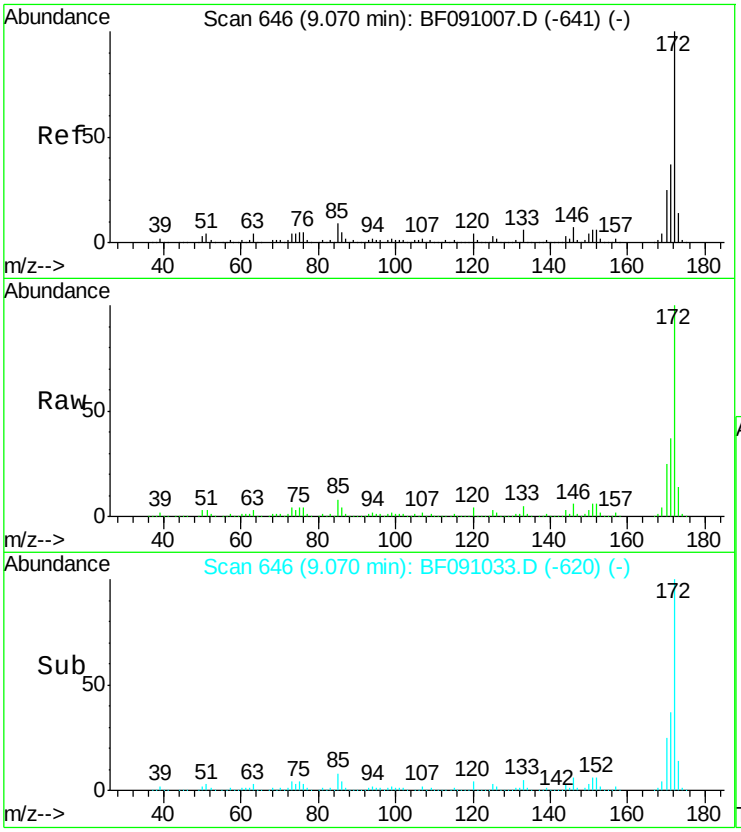


#41
2,4,6-Tribromophenol
Concen: 115.05 ng
RT: 10.53 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Tgt Ion:330 Resp: 369227

Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.9	113.9
141	37.4	36.1	54.1



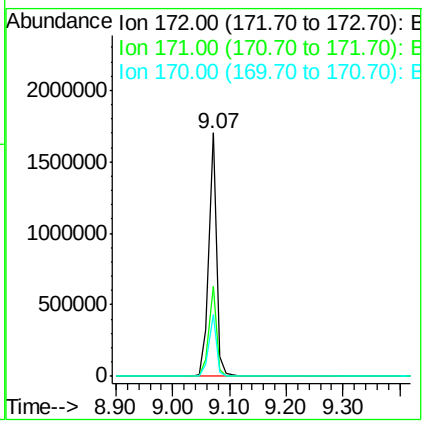


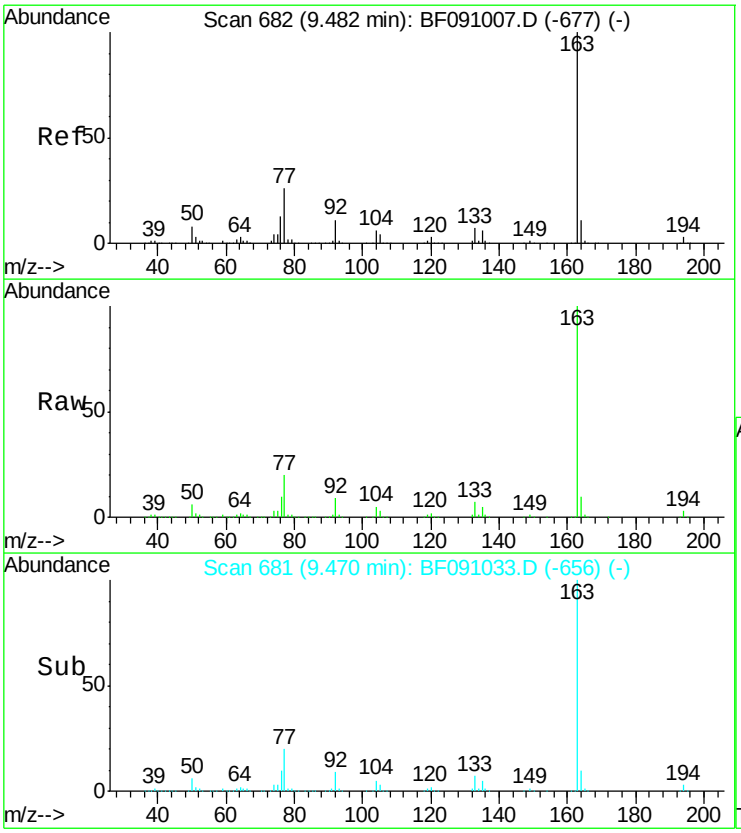
#44
2-Fluorobiphenyl
Concen: 74.64 ng
RT: 9.07 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Instrument :
BNA_F
ClientSampleId :
SB-100-1.0-1.5

Tgt Ion:172 Resp: 1539020

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	25.3	20.3	30.5

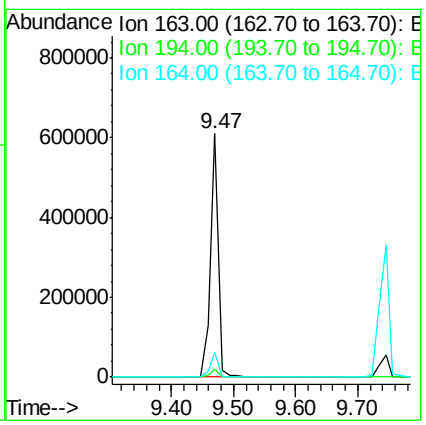


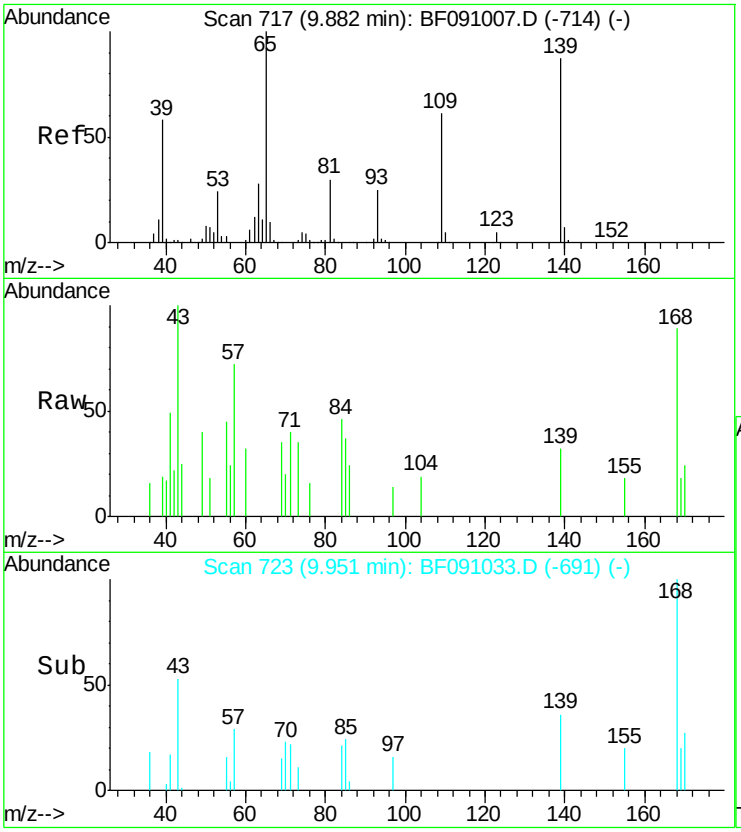


#49
Dimethylphthalate
Concen: 23.00 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Tgt Ion:163 Resp: 535294

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.7	13.1



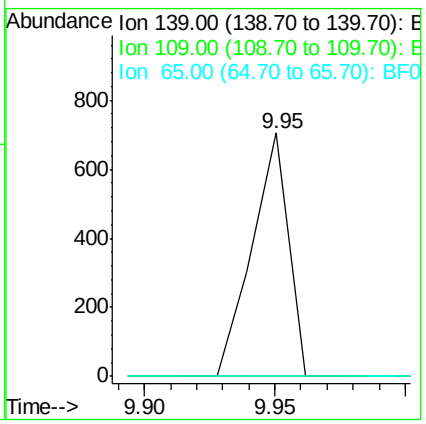


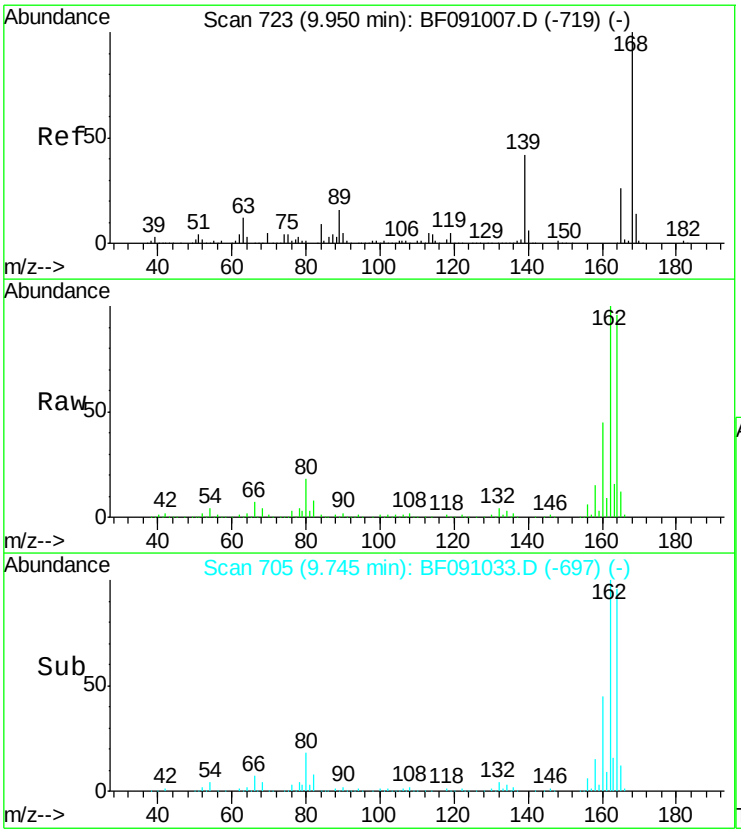
#55
4-Nitrophenol
Concen: 5.90 ng
RT: 9.95 min Scan# 723
Delta R.T. 0.07 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Instrument :
BNA_F
ClientSampleId :
SB-100-1.0-1.5

Tgt Ion:139 Resp: 692

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

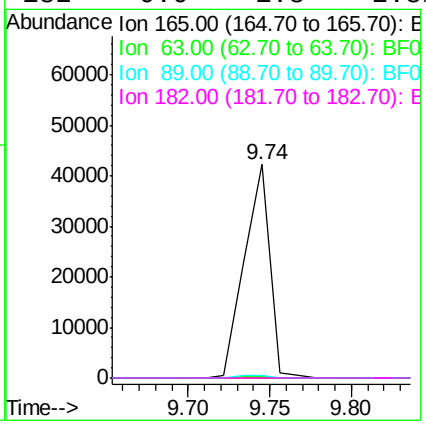


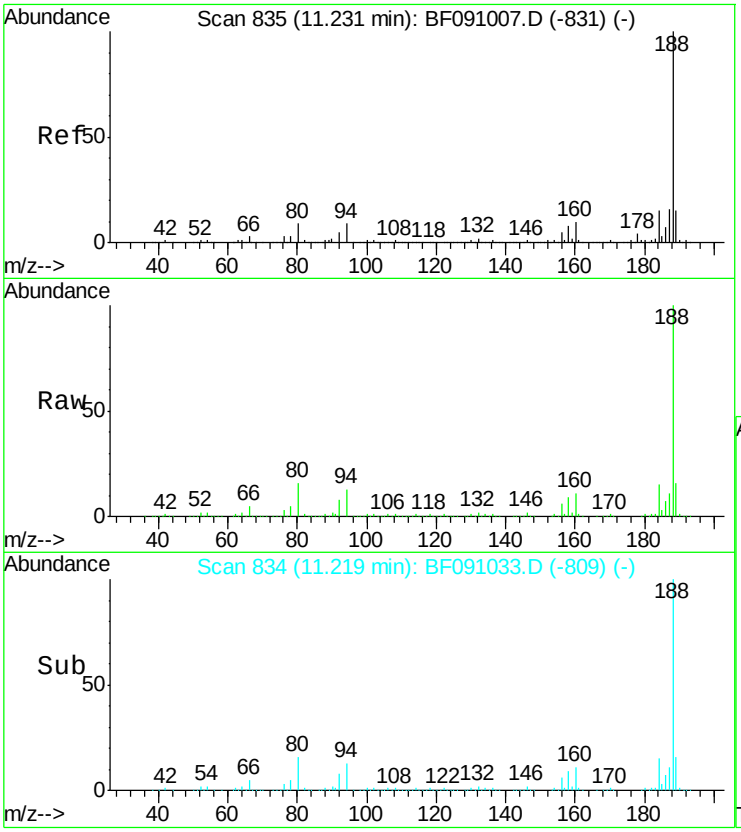


#56
2,4-Dinitrotoluene
Concen: 7.18 ng
RT: 9.74 min Scan# 705
Delta R.T. -0.21 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Tgt Ion:165 Resp: 45581

Ion	Ratio	Lower	Upper
165	100		
63	0.7	38.7	58.1#
89	1.0	50.6	76.0#
182	0.0	1.8	2.8#



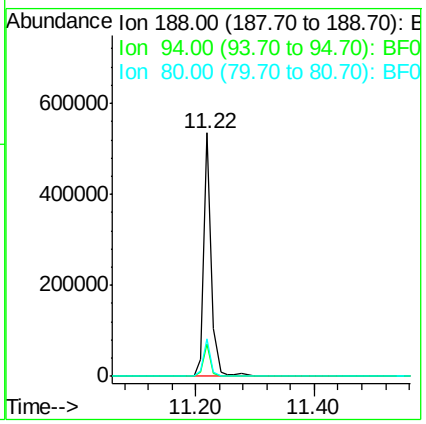


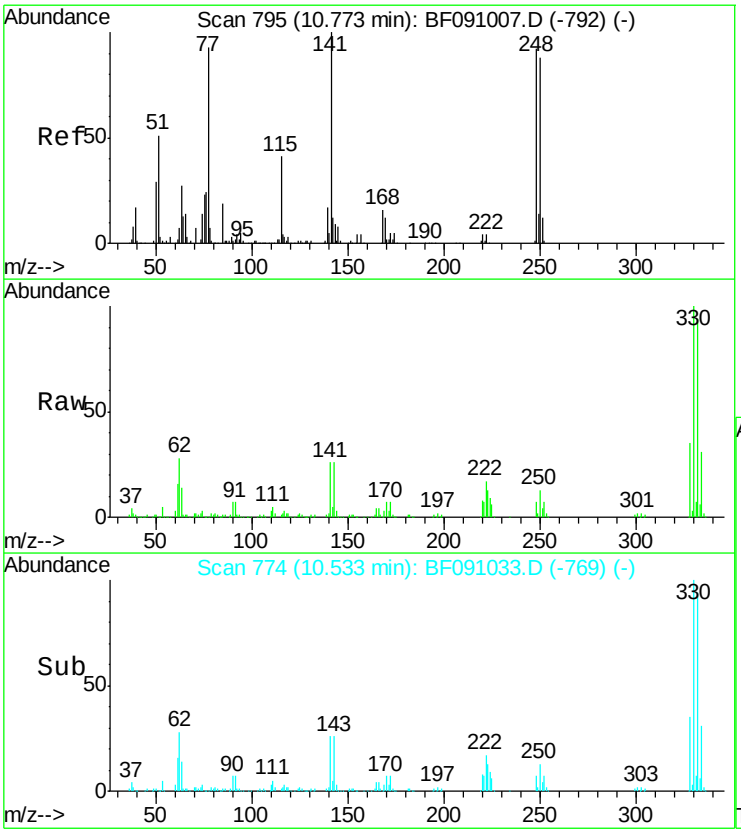
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Instrument :
BNA_F
ClientSampleId :
SB-100-1.0-1.5

Tgt Ion:188 Resp: 489922

Ion	Ratio	Lower	Upper
188	100		
94	13.4	7.0	10.4#
80	15.6	7.5	11.3#

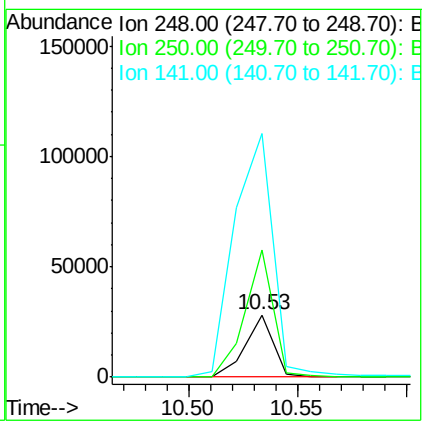


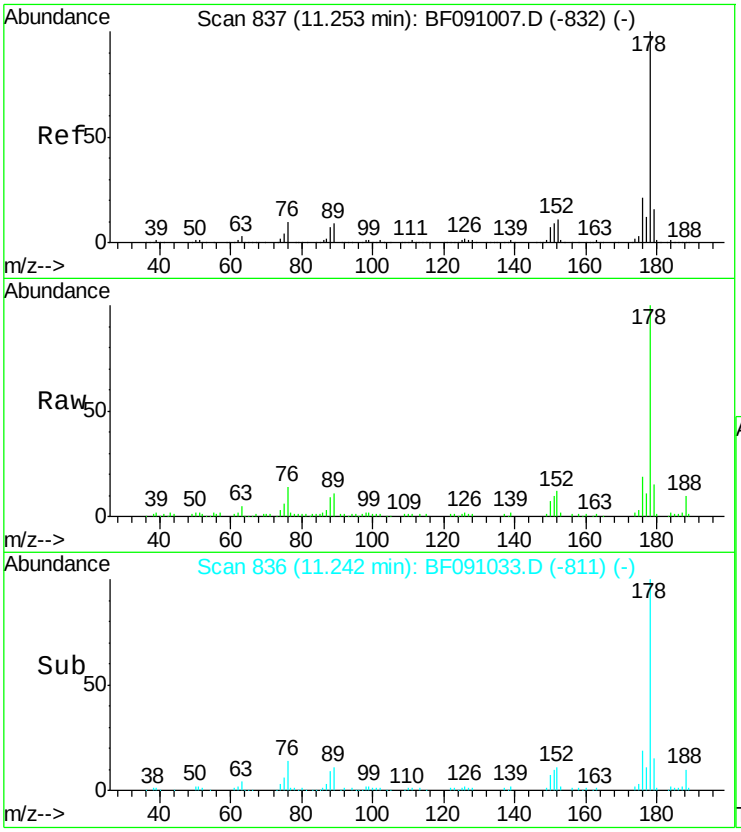


#66
4-Bromophenyl-phenylether
Concen: 4.94 ng
RT: 10.53 min Scan# 774
Delta R.T. -0.24 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Tgt Ion:248 Resp: 25154

Ion	Ratio	Lower	Upper
248	100		
250	203.7	76.3	114.5#
141	391.6	86.8	130.2#



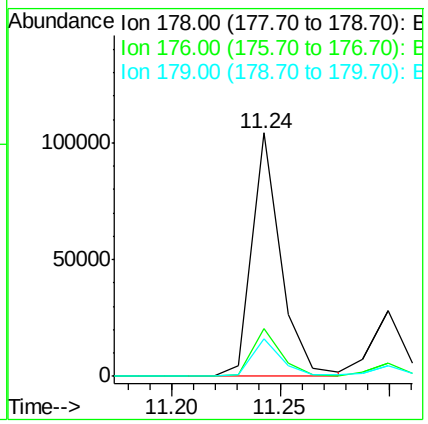


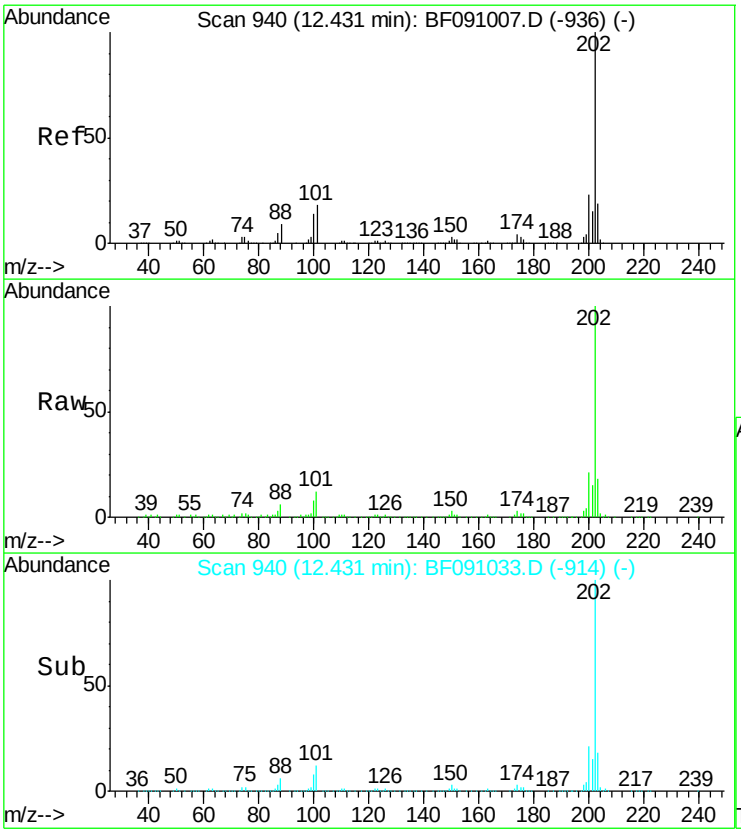
#70
Phenanthrene
Concen: 3.72 ng
RT: 11.24 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Instrument :
BNA_F
ClientSampleId :
SB-100-1.0-1.5

Tgt Ion:178 Resp: 96796

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.6	25.0
179	15.2	12.9	19.3

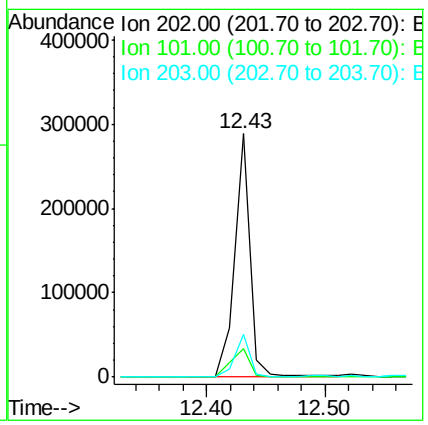


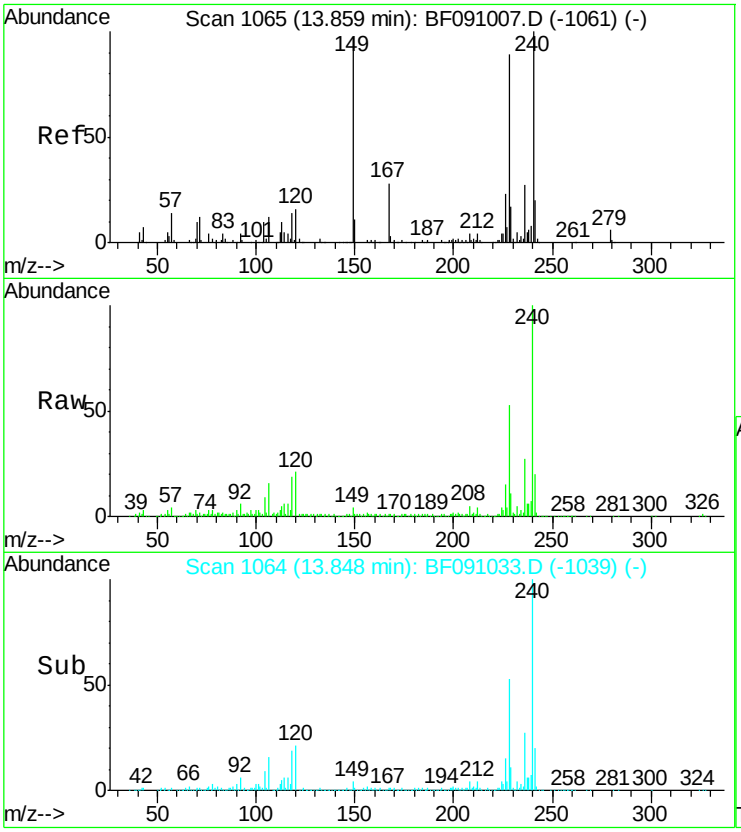


#74
Fluoranthene
Concen: 9.62 ng
RT: 12.43 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Tgt Ion:202 Resp: 259915

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	37.6
203	17.7	0.0	38.6



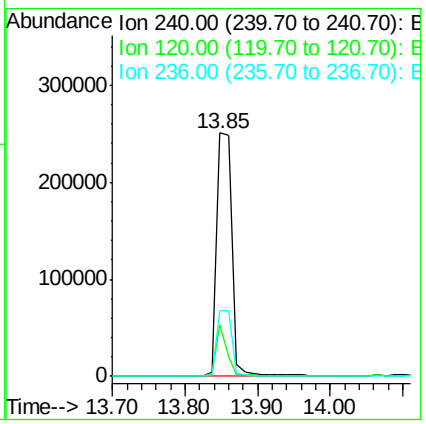


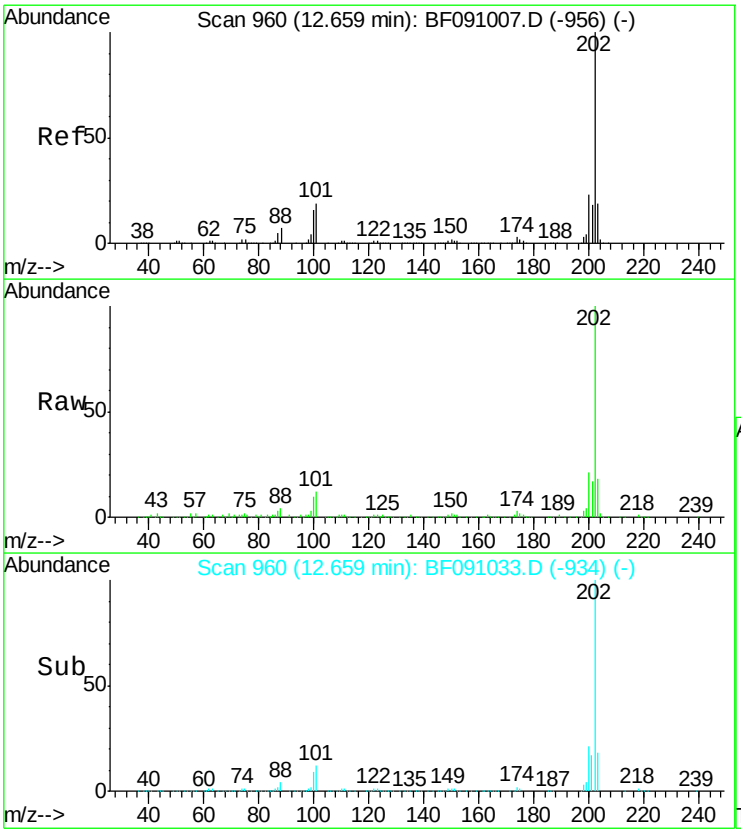
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Instrument :
BNA_F
ClientSampleId :
SB-100-1.0-1.5

Tgt Ion:240 Resp: 364476

Ion	Ratio	Lower	Upper
240	100		
120	21.4	12.9	19.3#
236	27.2	21.9	32.9

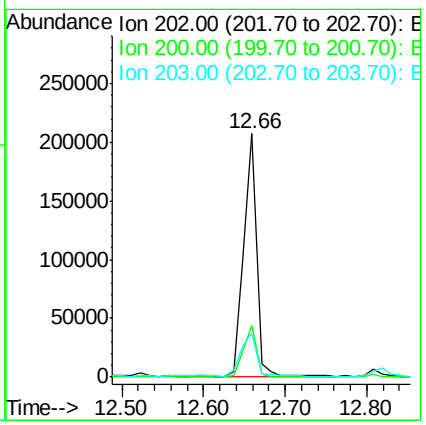


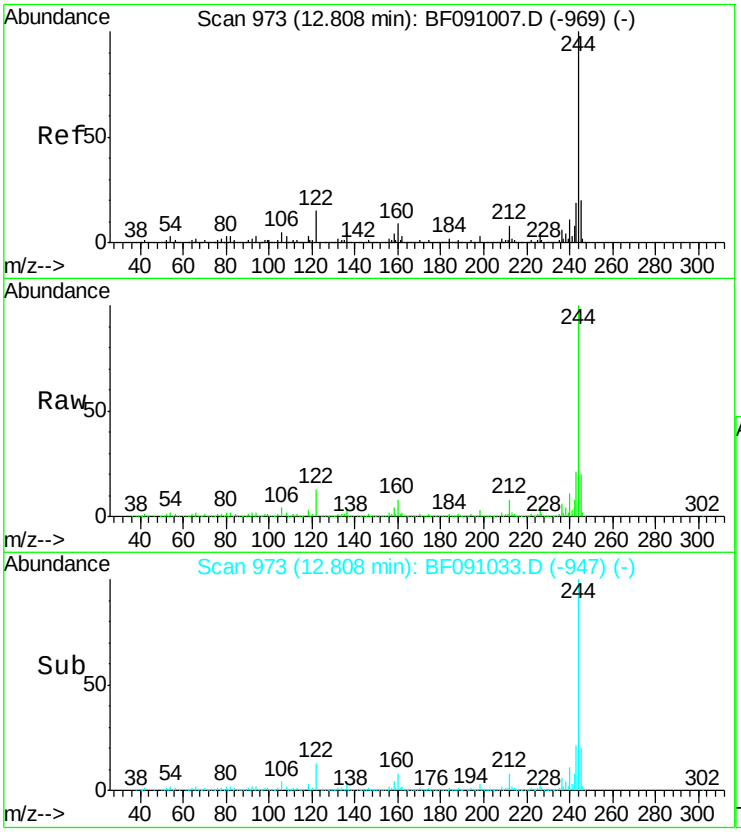


#77
Pyrene
Concen: 9.52 ng
RT: 12.66 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Tgt Ion:202 Resp: 227315

Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.4	27.6
203	17.9	15.0	22.6



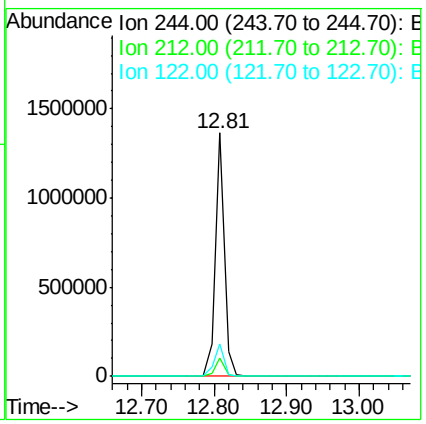


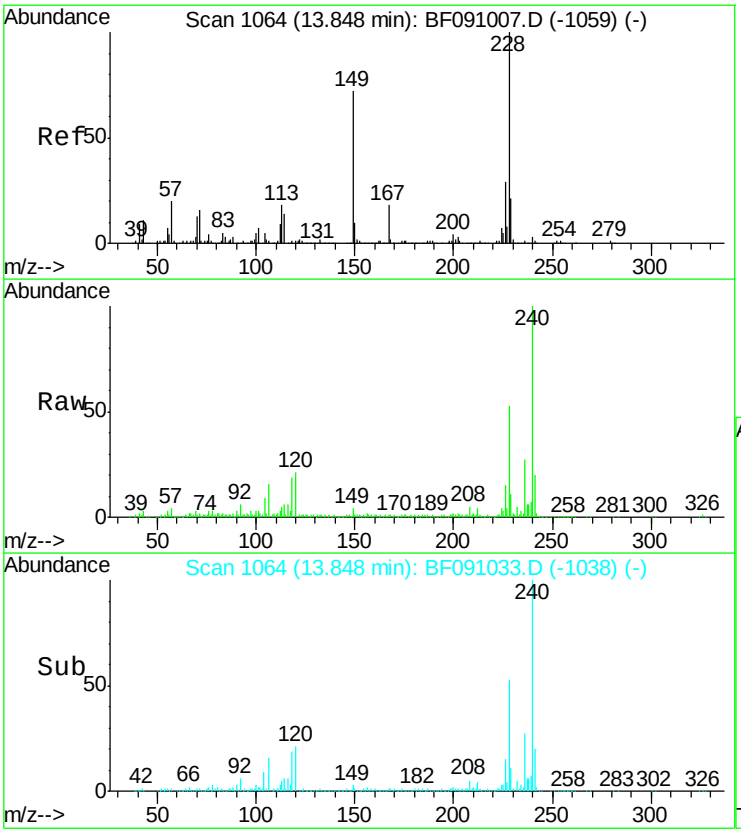
#78
Terphenyl-d14
Concen: 80.82 ng
RT: 12.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Instrument :
BNA_F
ClientSampleId :
SB-100-1.0-1.5

Tgt Ion:244 Resp: 1180446

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	13.3	12.3	18.5

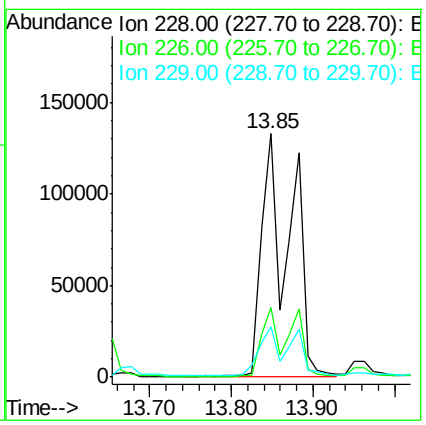


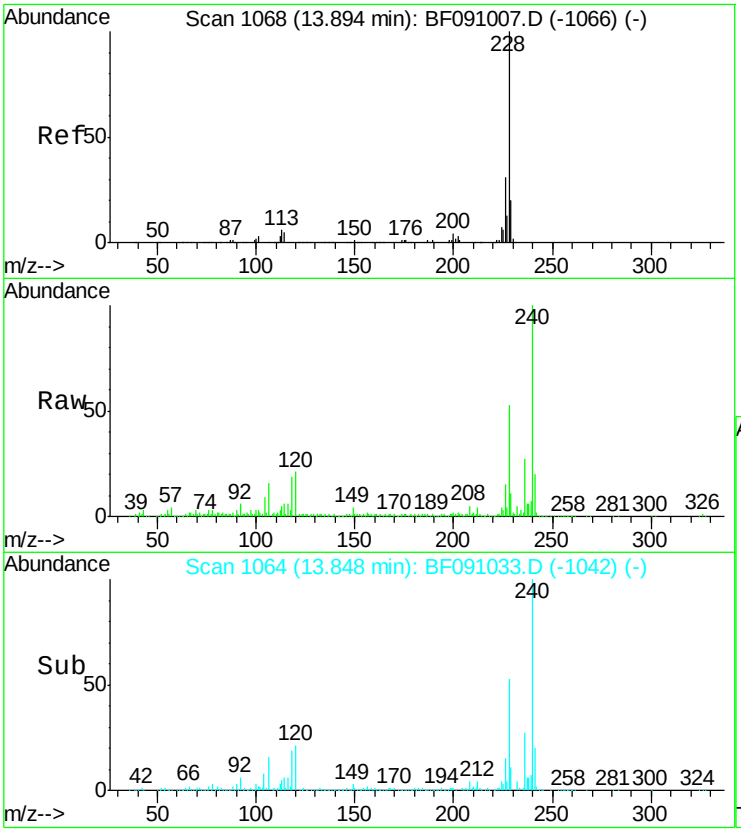


#80
Benzo(a)anthracene
Concen: 15.54 ng
RT: 13.85 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Tgt Ion:228 Resp: 321523

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.6
229	20.6	16.6	24.8



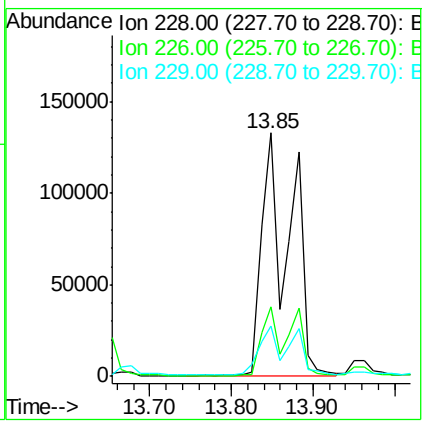


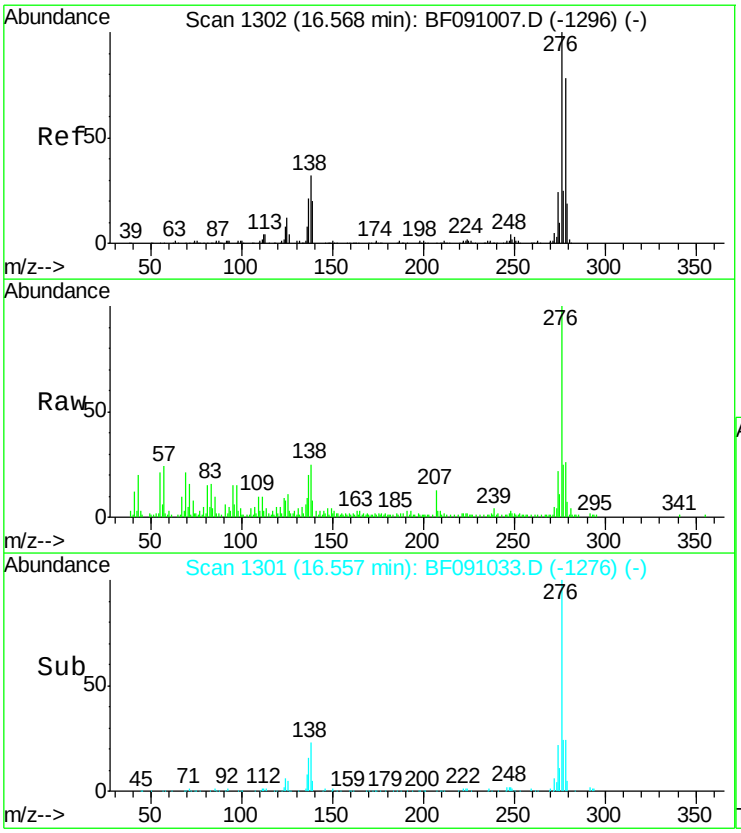
#82
Chrysene
Concen: 15.76 ng
RT: 13.85 min Scan# 1064
Delta R.T. -0.05 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Instrument :
BNA_F
ClientSampleId :
SB-100-1.0-1.5

Tgt Ion:228 Resp: 321523

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.9	37.3
229	20.6	15.9	23.9

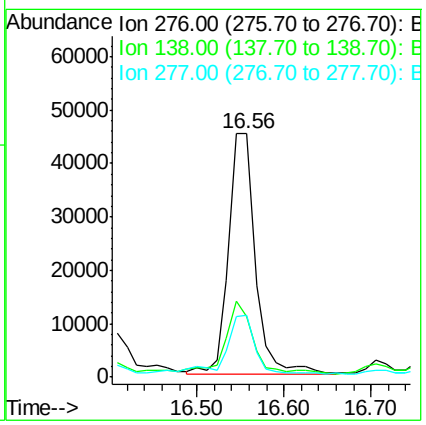


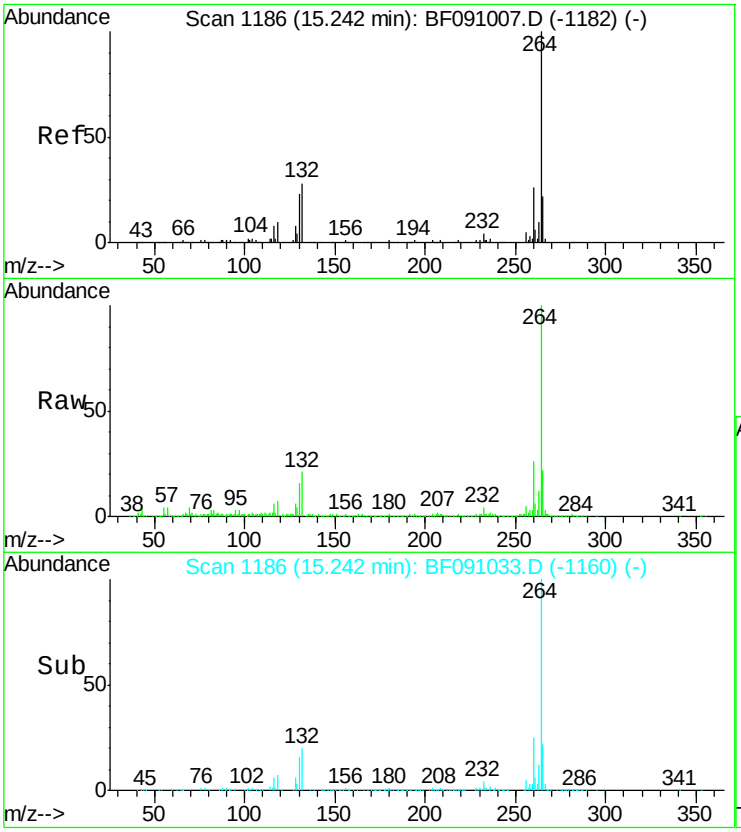


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.71 ng
RT: 16.56 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Tgt Ion:276 Resp: 96754

Ion	Ratio	Lower	Upper
276	100		
138	31.3	26.0	39.0
277	26.2	20.1	30.1



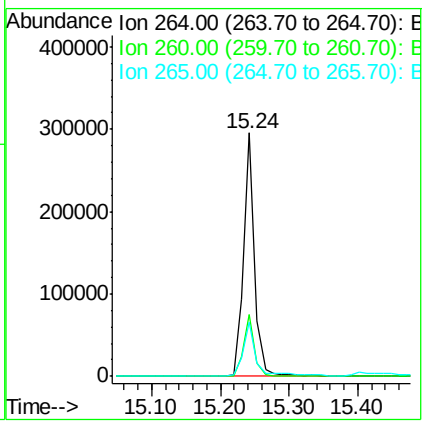


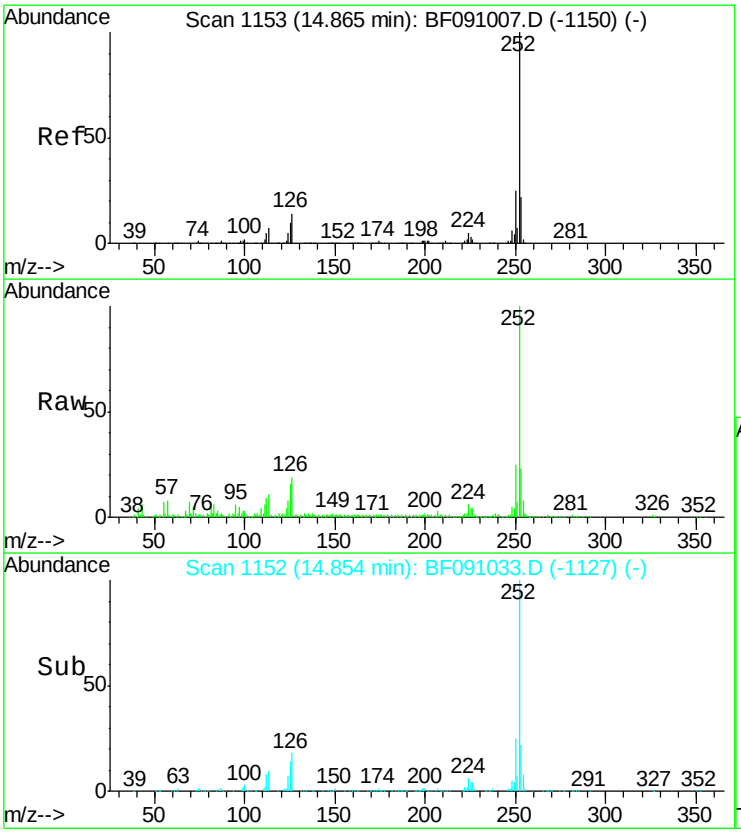
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Instrument :
BNA_F
ClientSampleId :
SB-100-1.0-1.5

Tgt Ion:264 Resp: 332598

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.6	30.8
265	22.3	17.8	26.8

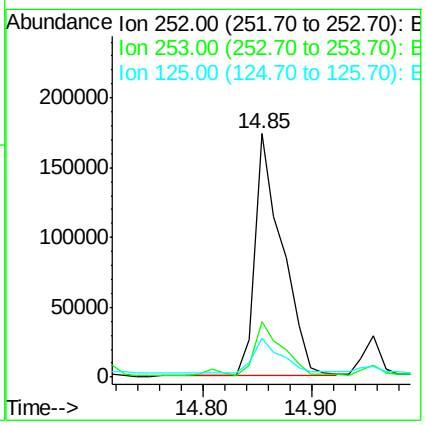


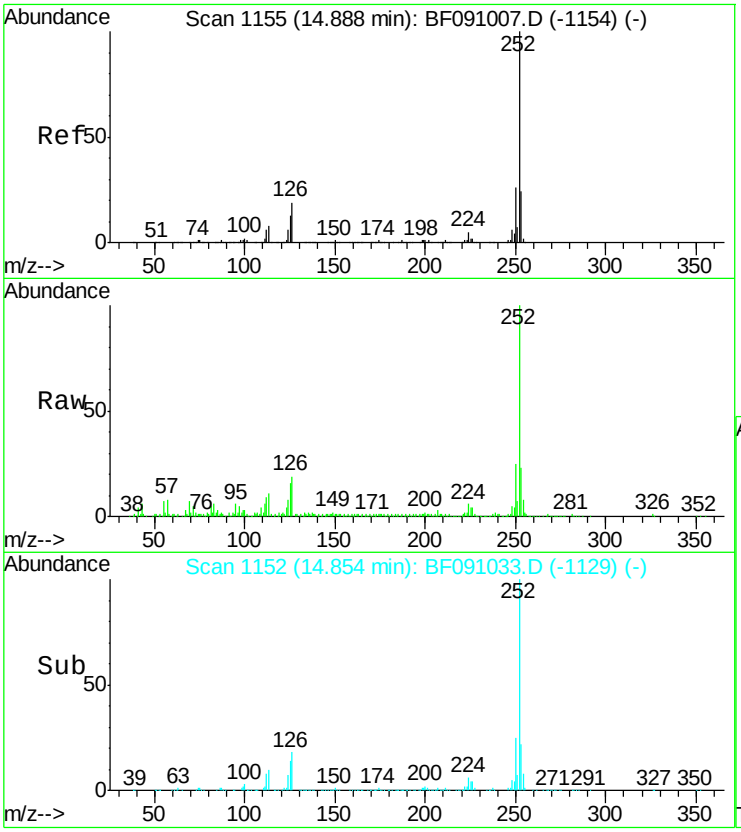


#87
Benzo(b)fluoranthene
Concen: 13.53 ng
RT: 14.85 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Tgt Ion:252 Resp: 305220

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	16.2	8.3	12.5#



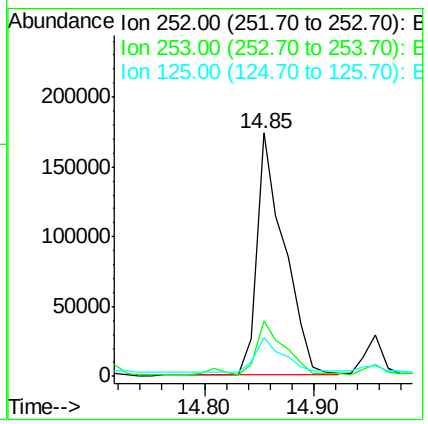


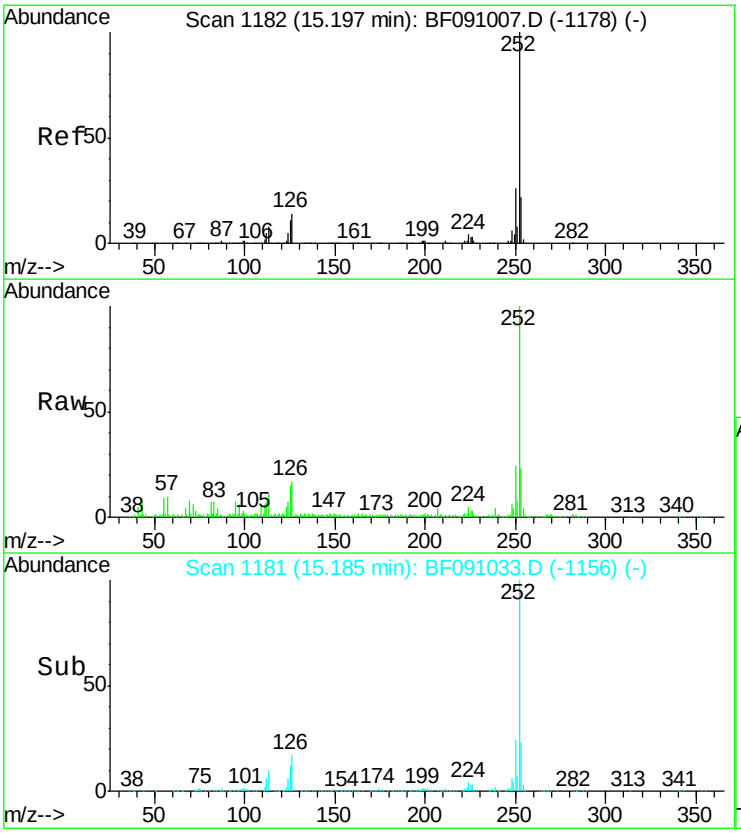
#88
Benzo(k)fluoranthene
Concen: 15.42 ng
RT: 14.85 min Scan# 1152
Delta R.T. -0.03 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Instrument :
BNA_F
ClientSampleId :
SB-100-1.0-1.5

Tgt Ion:252 Resp: 305220

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	28.0
125	16.2	11.2	16.8

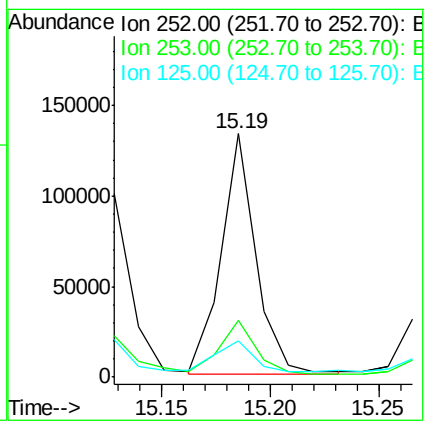


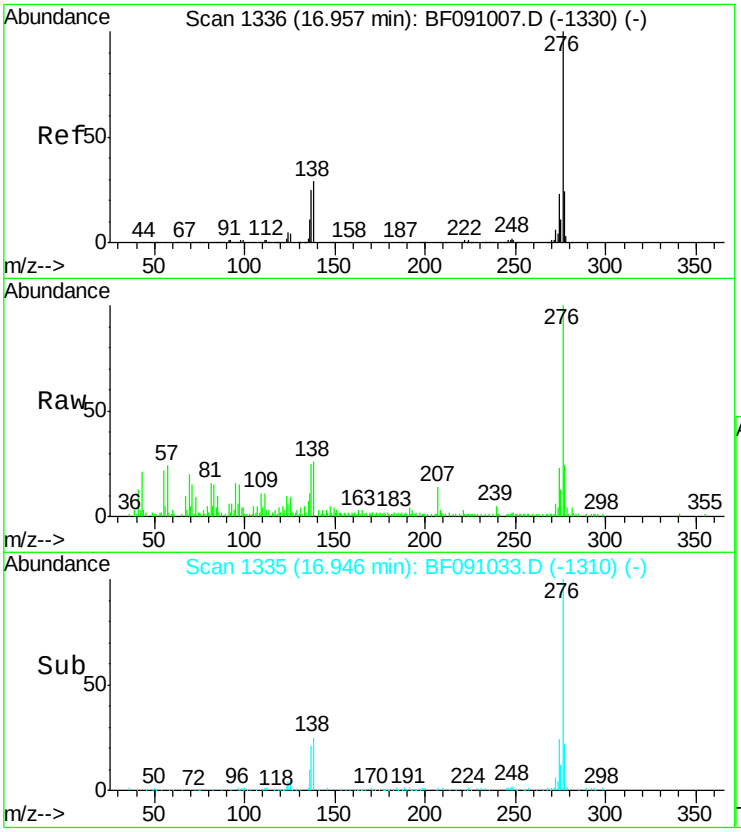


#89
Benzo(a)pyrene
Concen: 7.55 ng
RT: 15.19 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Tgt Ion:252 Resp: 148198

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	14.8	8.6	13.0#





#91
Benzo(g,h,i)perylene
Concen: 5.73 ng
RT: 16.95 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Instrument :
BNA_F
ClientSampleId :
SB-100-1.0-1.5

Tgt Ion:276 Resp: 87904

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	26.0	23.3	34.9