Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
Data File : BF091074.D
Acq On : 7 Nov 2016 23:34
Operator : UM/SJ
Sample : H5509-17DL 150X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1DL

Quant Time: Nov 08 00:00:28 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	6.67	152	112951	20.00	ng		-0.03
21) Naphthalene-d8	7.96	136	423894	20.00	ng		-0.03
38) Acenaphthene-d10	9.71	164	210975	20.00	ng		-0.03
63) Phenanthrene-d10	11.20	188	332844	20.00	ng		-0.03
75) Chrysene-d12	13.83	240	353359	20.00	ng		-0.03
86) Perylene-d12	15.21	264	322014	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	3761	0.55	ng		0.00
7) Phenol-d6	6.35	99	6329	0.68	ng		0.00
23) Nitrobenzene-d5	7.25	82	788	0.10	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	833	0.44	ng		-0.02
44) 2-Fluorobiphenyl	9.04	172	7765	0.63	ng		-0.03
78) Terphenyl-d14	12.77	244	15843	1.12	ng		-0.03
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	9.71	165	27310	9.21	ng	#	11
54) Dibenzofuran	9.92	168	32714	2.12	ng		94
55) 4-Nitrophenol	9.92	139	11707	10.37	ng	#	1
56) 2,4-Dinitrotoluene	9.71	165	27528	7.30	ng	#	26
57) Fluorene	10.26	166	38961	3.09	ng		99
70) Phenanthrene	11.22	178	350893	19.83	ng		97
71) Anthracene	11.26	178	76665	4.08	ng		96
74) Fluoranthene	12.41	202	434608	23.68	ng		87
77) Pyrene	12.62	202	345181	14.92	ng		97
80) Benzo(a)anthracene	13.81	228	202635	10.10	ng		99
82) Chrysene	13.81	228	202635	10.24	ng		95
85) Indeno(1,2,3-cd)pyrene	16.51	276	61388	3.74	ng		95
87) Benzo(b)fluoranthene	14.83	252	268672	12.30	ng	#	98
88) Benzo(k)fluoranthene	14.83	252	268672	14.02	ng		98
89) Benzo(a)pyrene	15.15	252	115658	6.08	ng	#	93
91) Benzo(g,h,i)perylene	16.89	276	49239	3.31	ng		93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
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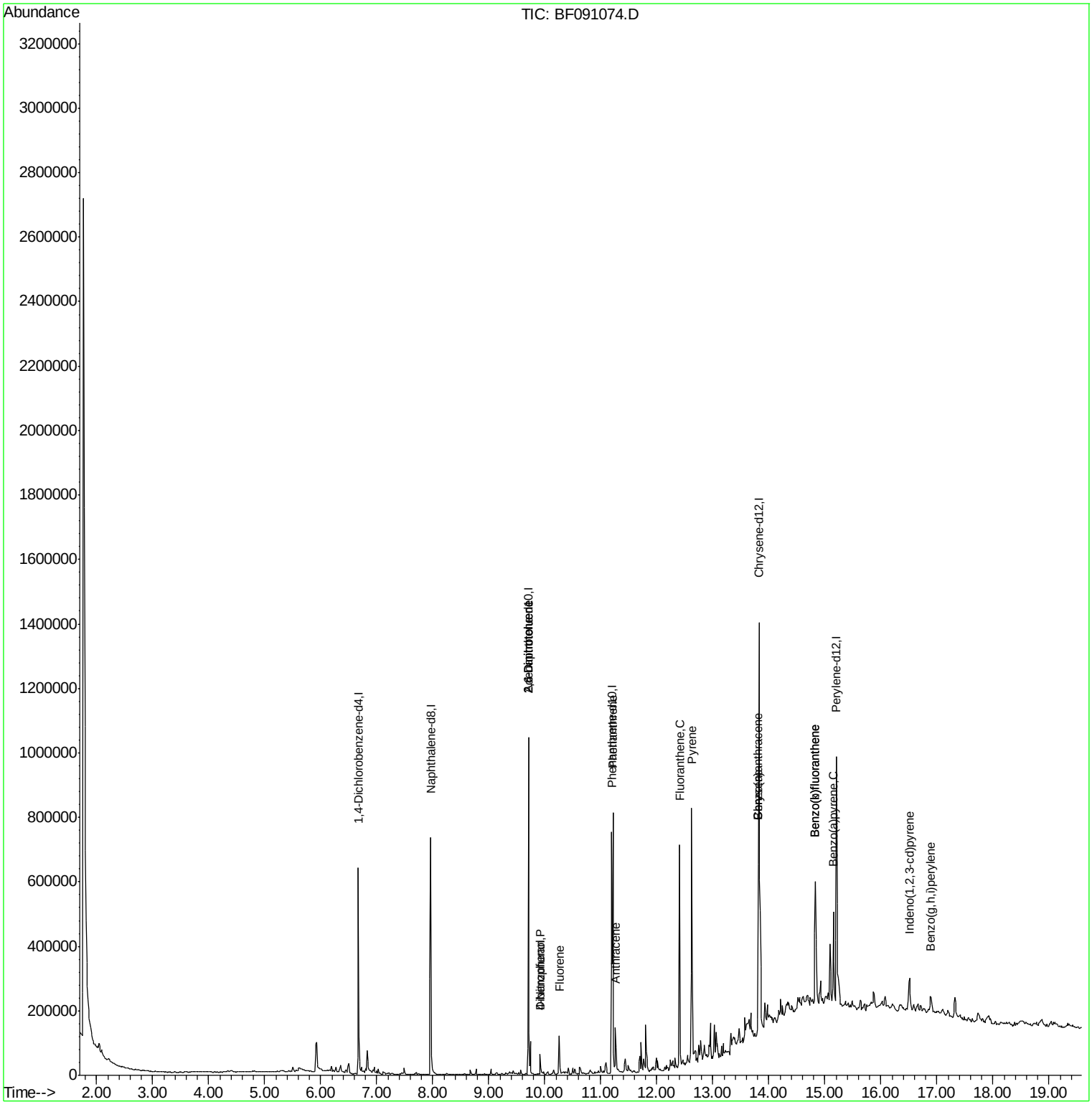
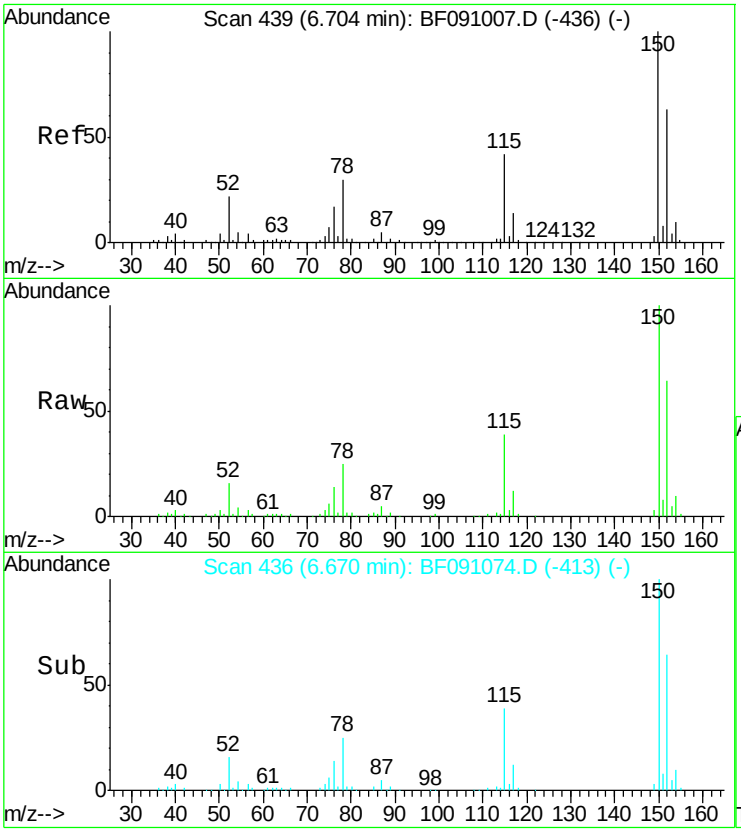
Acq On : 7 Nov 2016 23:34
Operator : UM/SJ
Sample : H5509-17DL 150X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1DL

Quant Time: Nov 08 00:00:28 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



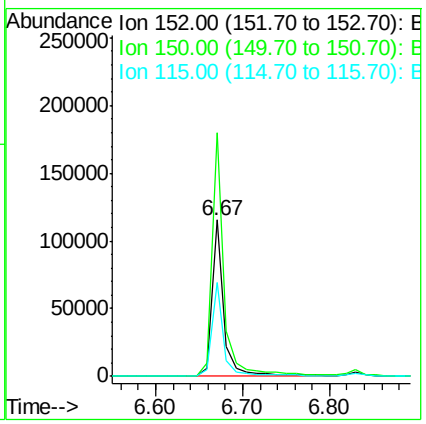


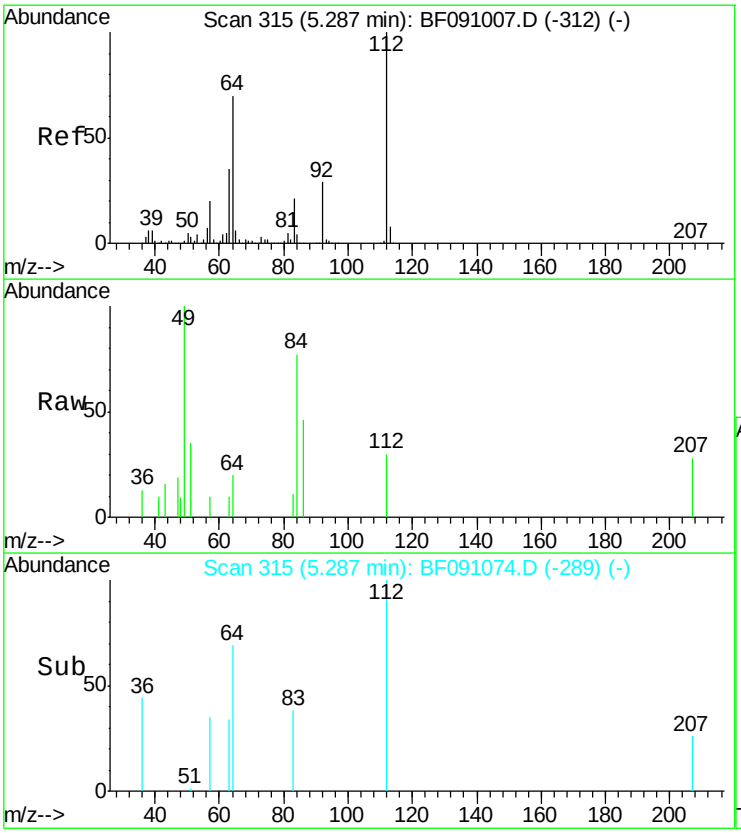
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
S-1DL

Tgt Ion:152 Resp: 112951

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.8	190.2
115	60.1	53.3	79.9

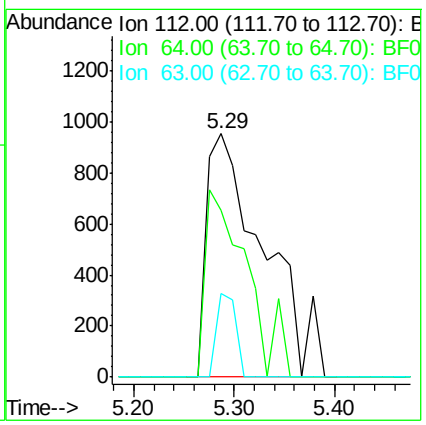


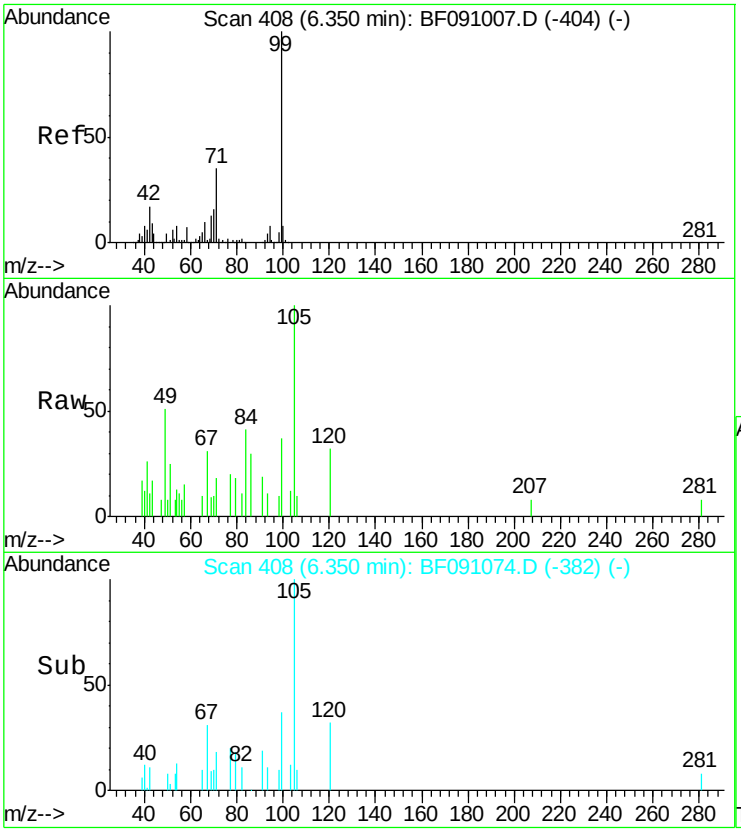


#5
2-Fluorophenol
Concen: 0.55 ng
RT: 5.29 min Scan# 315
Delta R.T. -0.00 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Tgt Ion:112 Resp: 3761

Ion	Ratio	Lower	Upper
112	100		
64	68.7	55.8	83.6
63	34.5	28.0	42.0



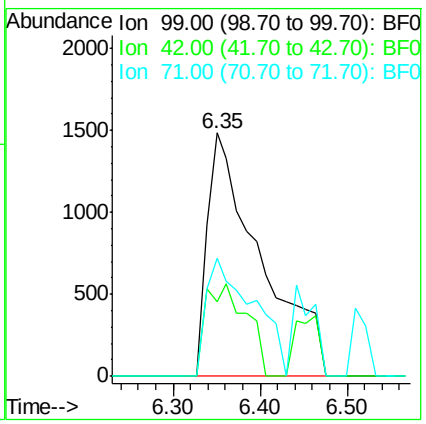


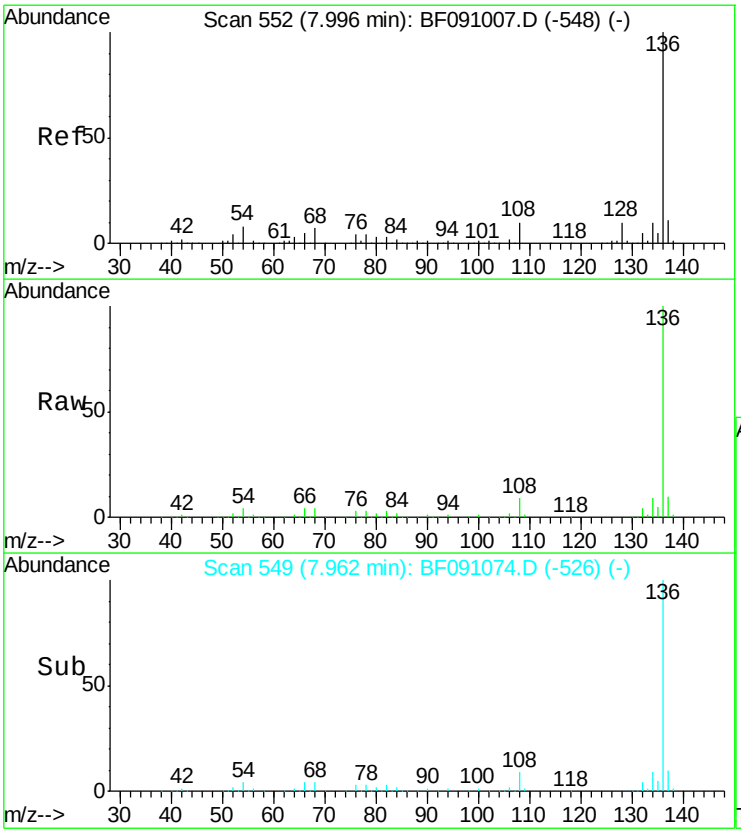
#7
Phenol-d6
Concen: 0.68 ng
RT: 6.35 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
S-1DL

Tgt Ion: 99 Resp: 6329

Ion	Ratio	Lower	Upper
99	100		
42	30.7	13.9	20.9#
71	48.6	27.8	41.8#

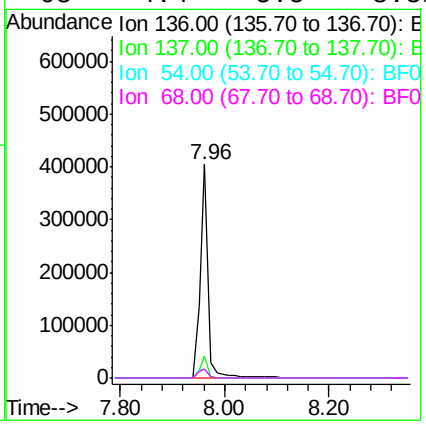


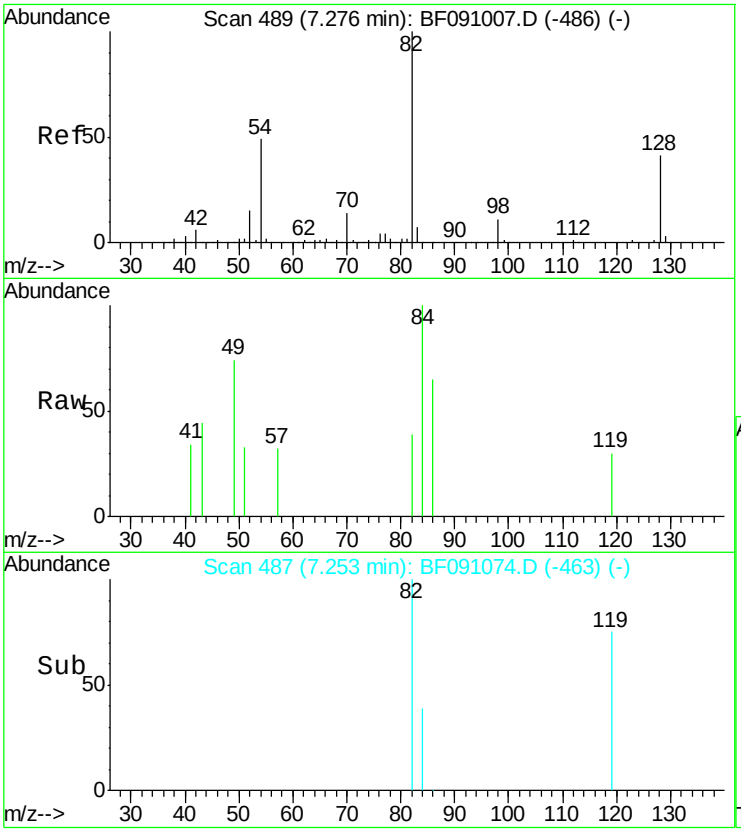


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Tgt Ion:136 Resp: 423894

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	4.5	6.2	9.2#
68	4.4	5.5	8.3#



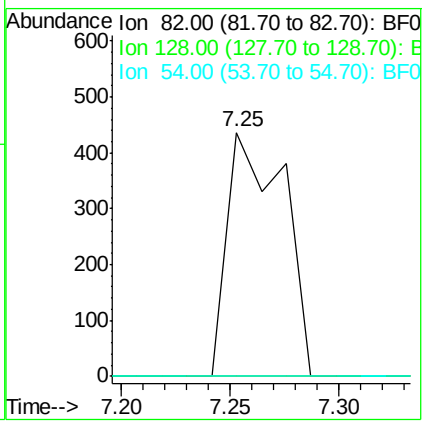


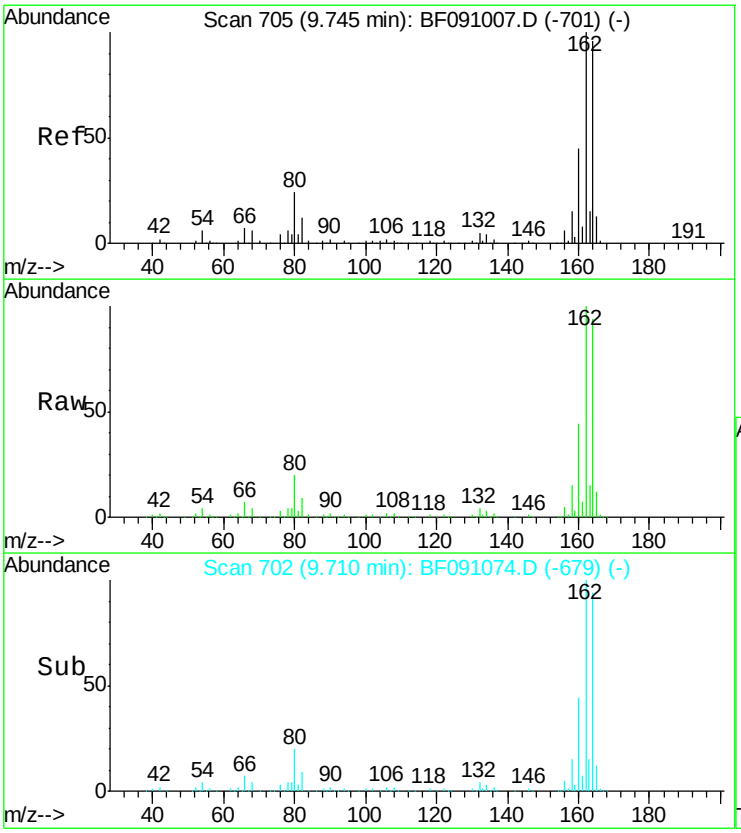
#23
Nitrobenzene-d5
Concen: 0.10 ng
RT: 7.25 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
S-1DL

Tgt Ion: 82 Resp: 788

Ion	Ratio	Lower	Upper
82	100		
128	0.0	32.4	48.6#
54	0.0	39.2	58.8#

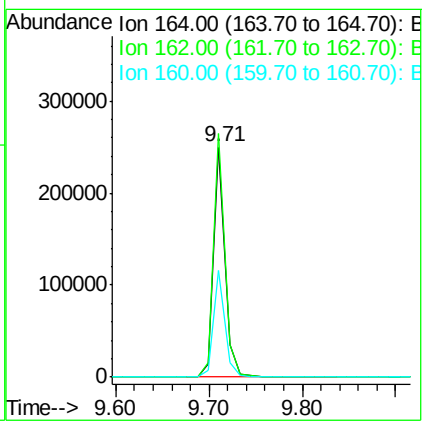


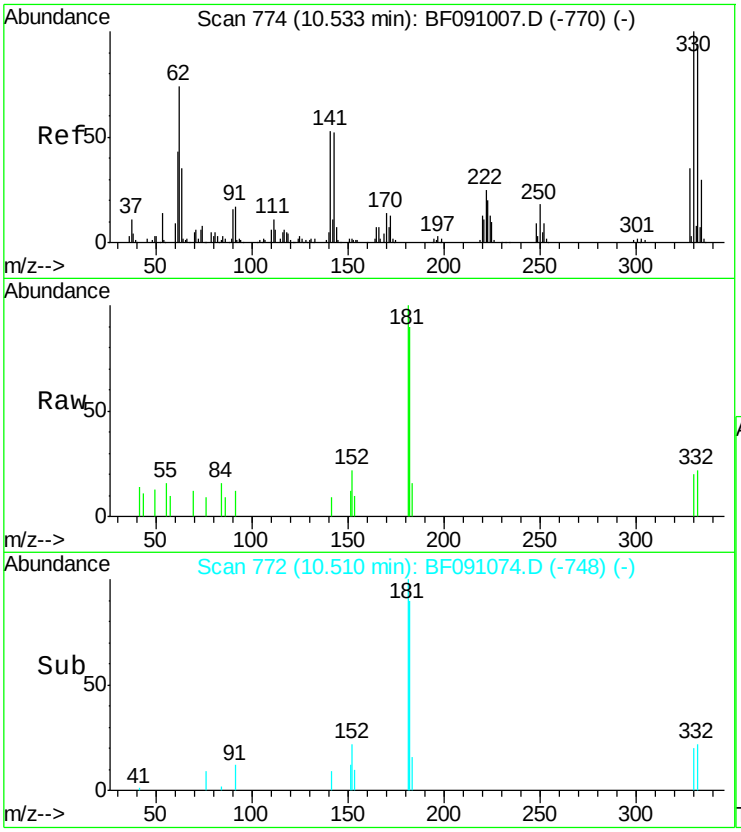


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Tgt Ion:164 Resp: 210975

Ion	Ratio	Lower	Upper
164	100		
162	106.0	83.6	125.4
160	46.4	37.9	56.9



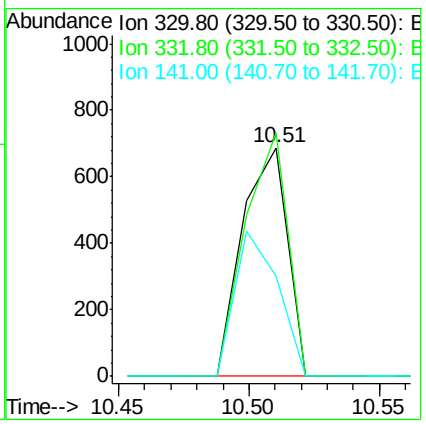


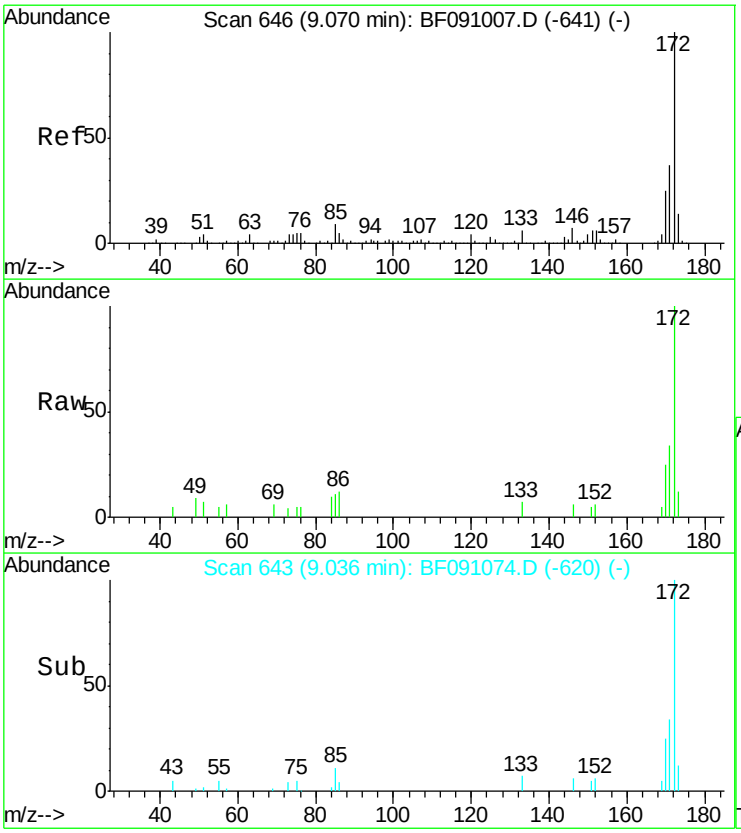
#41
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 10.51 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
S-1DL

Tgt Ion:330 Resp: 833

Ion	Ratio	Lower	Upper
330	100		
332	100.4	75.9	113.9
141	60.7	36.1	54.1#

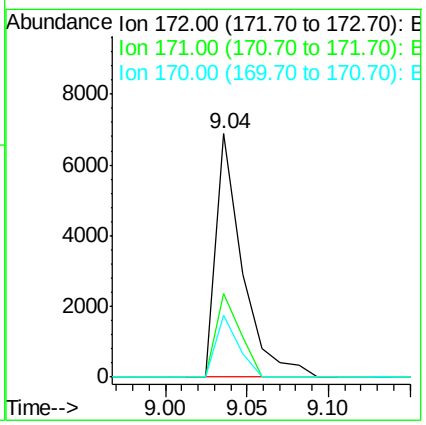


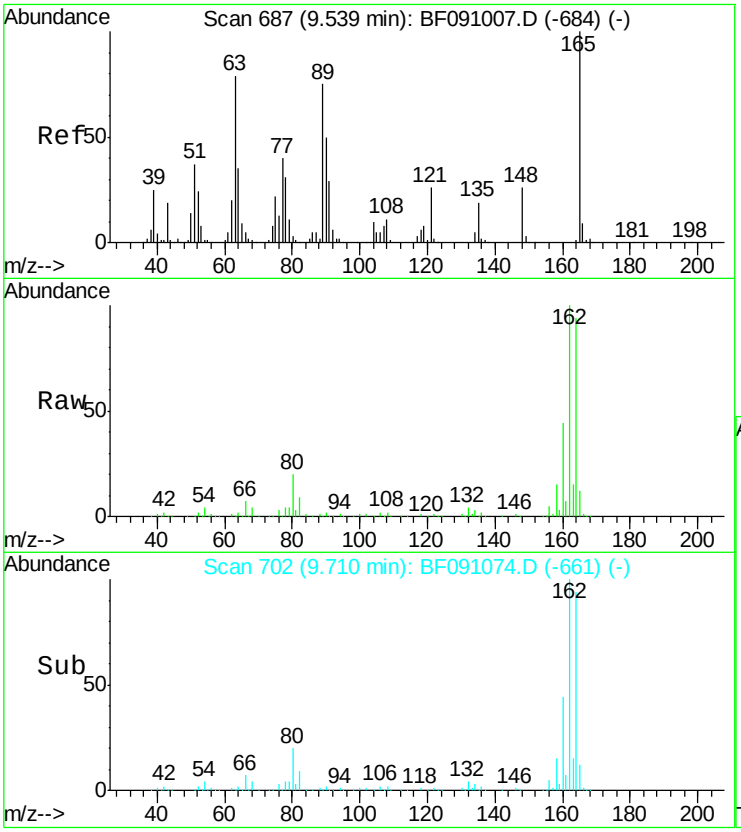


#44
2-Fluorobiphenyl
Concen: 0.63 ng
RT: 9.04 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Tgt Ion:172 Resp: 7765

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.8	44.6
170	25.4	20.3	30.5



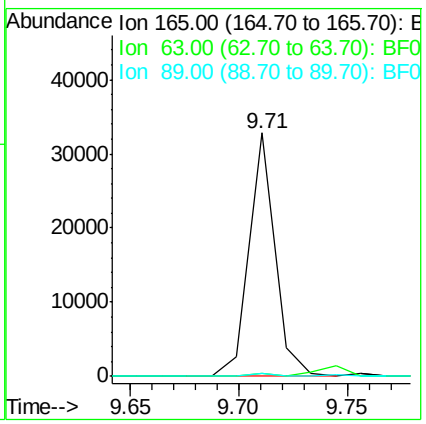


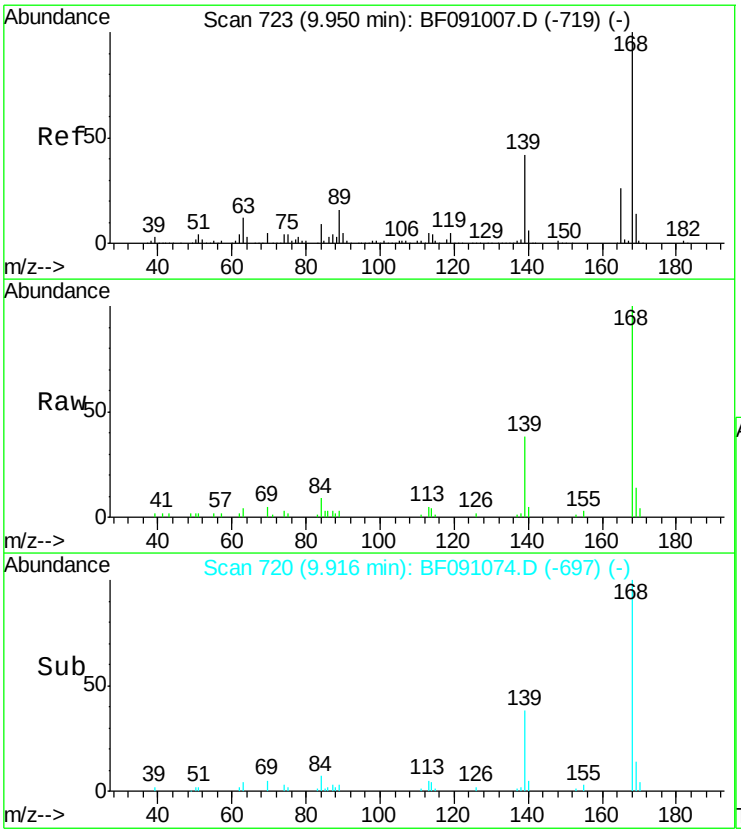
#50
2,6-Dinitrotoluene
Concen: 9.21 ng
RT: 9.71 min Scan# 702
Delta R.T. 0.17 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
S-1DL

Tgt Ion:165 Resp: 27310

Ion	Ratio	Lower	Upper
165	100		
63	1.0	65.6	98.4#
89	1.1	59.8	89.6#

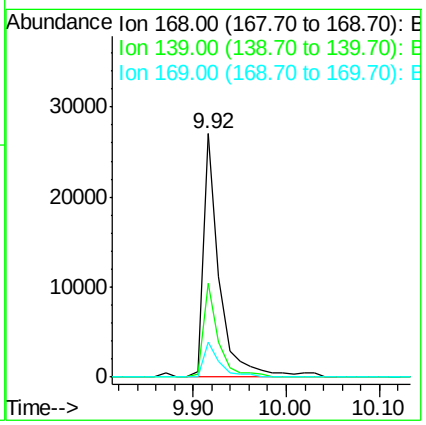


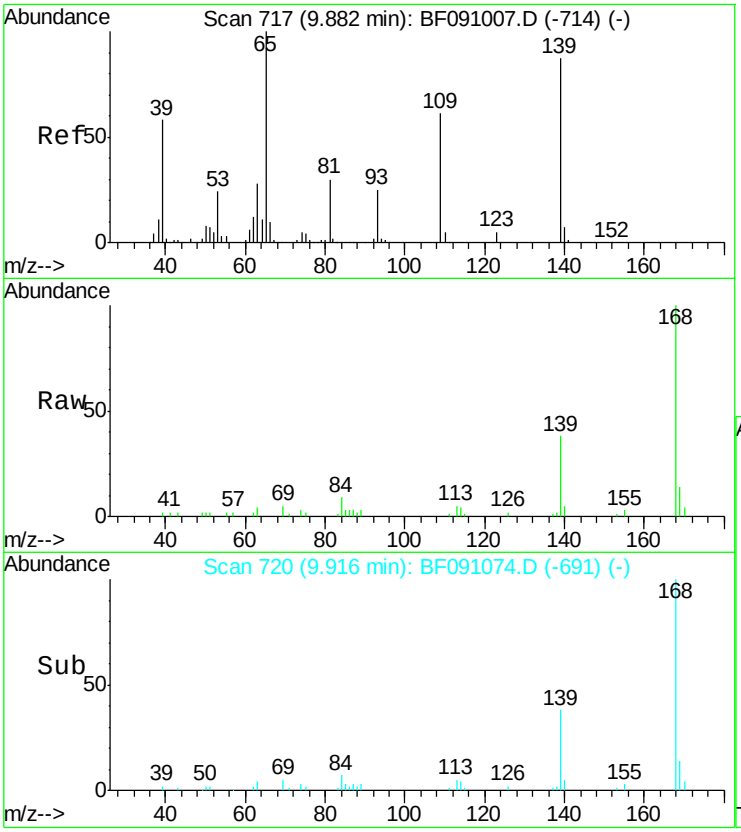


#54
Dibenzofuran
Concen: 2.12 ng
RT: 9.92 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Tgt Ion:168 Resp: 32714

Ion	Ratio	Lower	Upper
168	100		
139	38.4	34.8	52.2
169	14.4	11.4	17.2



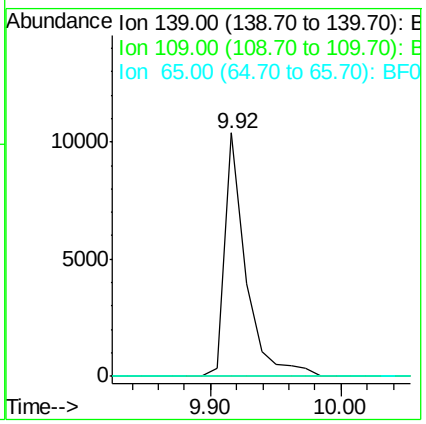


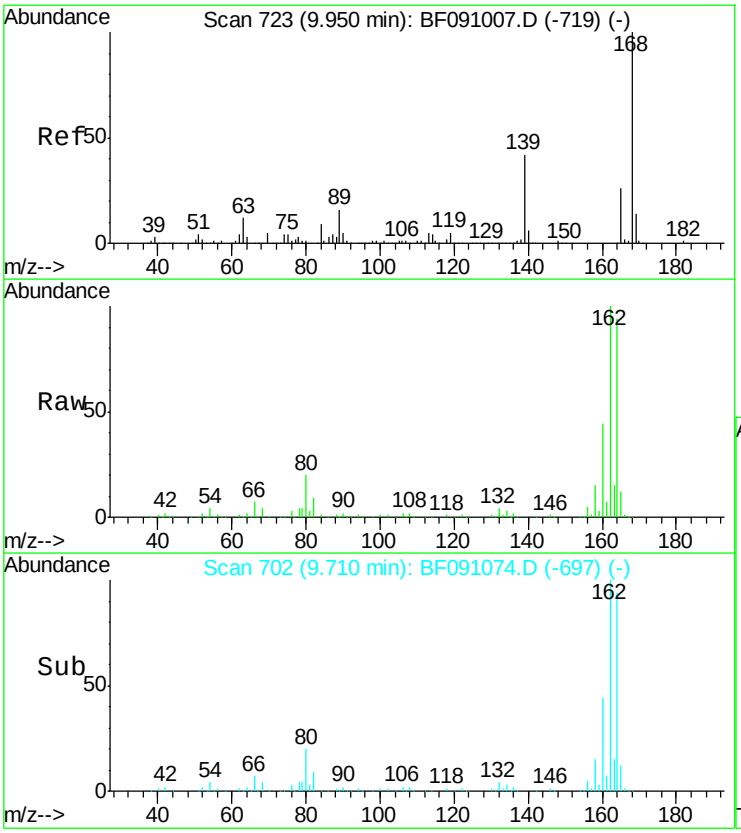
#55
4-Nitrophenol
Concen: 10.37 ng
RT: 9.92 min Scan# 720
Delta R.T. 0.04 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
S-1DL

Tgt Ion:139 Resp: 11707

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

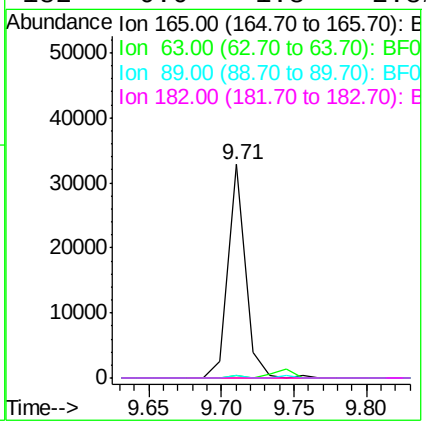


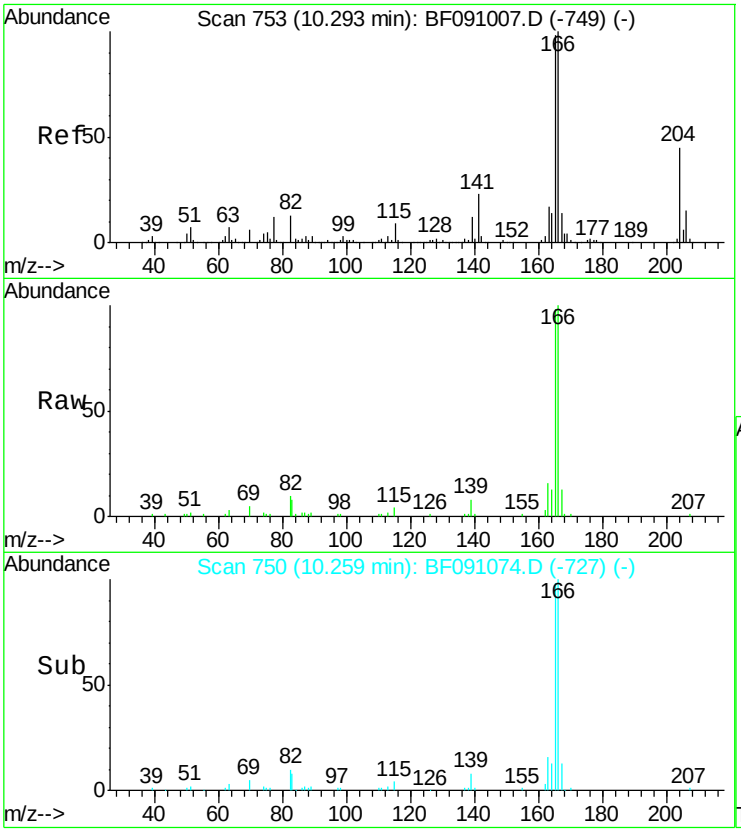


#56
2,4-Dinitrotoluene
Concen: 7.30 ng
RT: 9.71 min Scan# 702
Delta R.T. -0.24 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Tgt Ion:165 Resp: 27528

Ion	Ratio	Lower	Upper
165	100		
63	1.0	38.7	58.1#
89	1.1	50.6	76.0#
182	0.0	1.8	2.8#



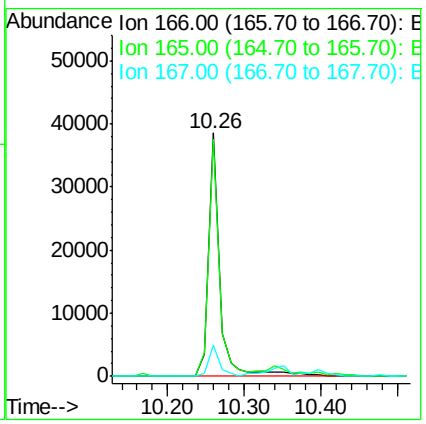


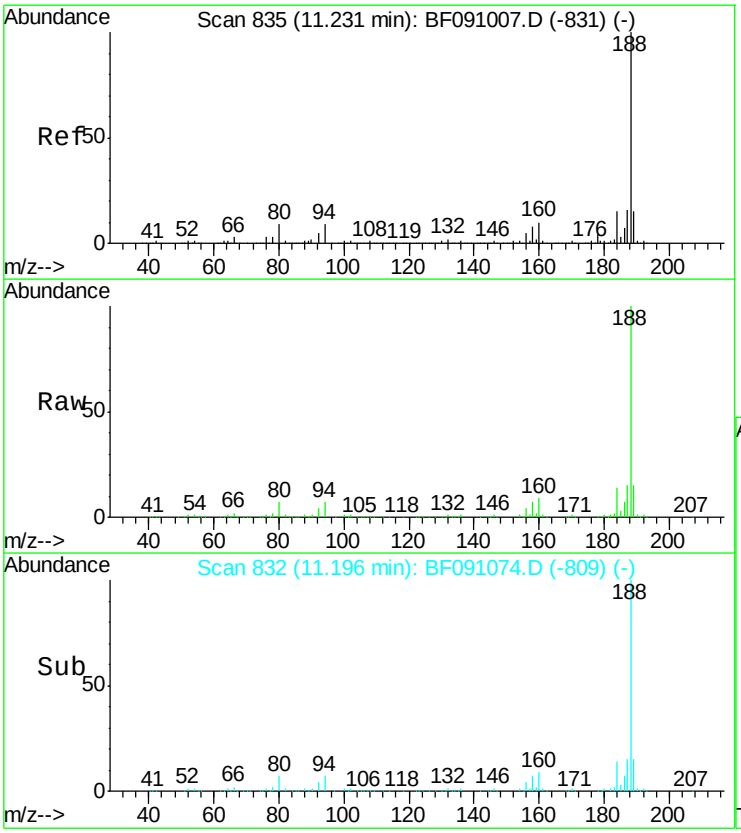
#57
Fluorene
Concen: 3.09 ng
RT: 10.26 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
S-1DL

Tgt Ion:166 Resp: 38961

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.6	118.0
167	12.8	11.1	16.7

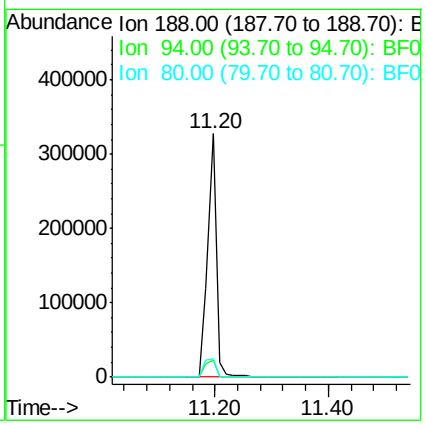


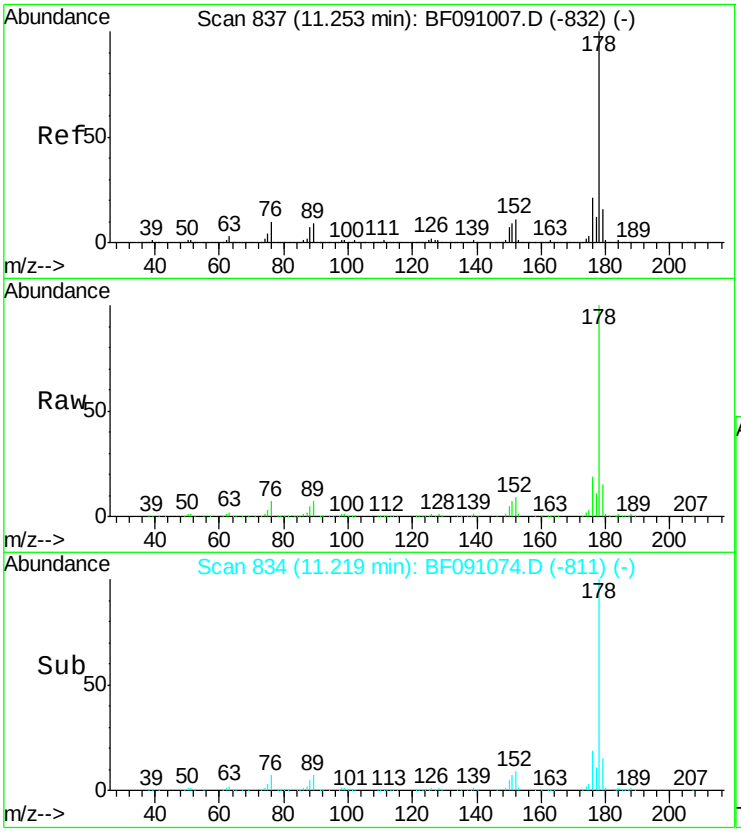


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 832
Delta R.T. -0.03 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Tgt Ion:188 Resp: 332844

Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.0	10.4
80	7.4	7.5	11.3#



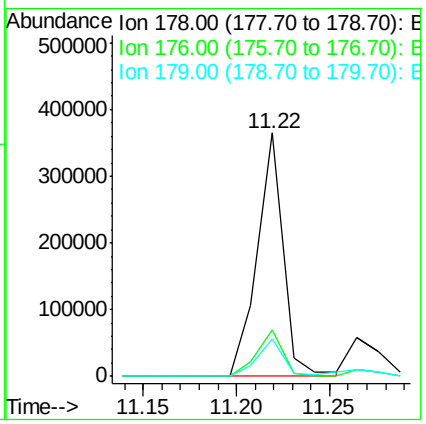


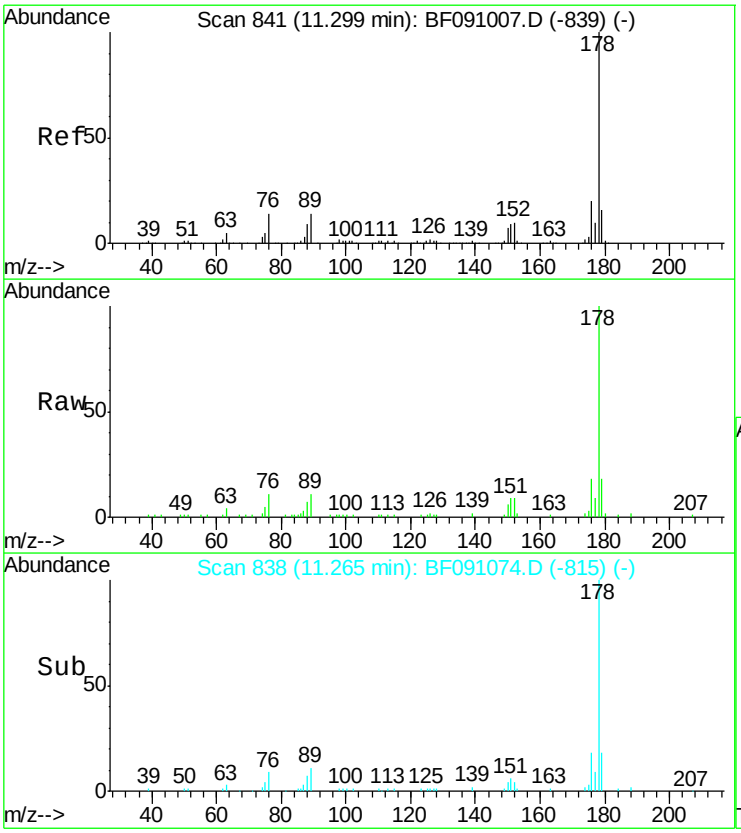
#70
Phenanthrene
Concen: 19.83 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.03 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
S-1DL

Tgt Ion:178 Resp: 350893

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	25.0
179	15.3	12.9	19.3

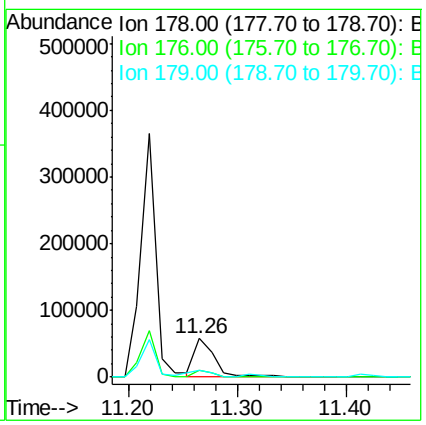


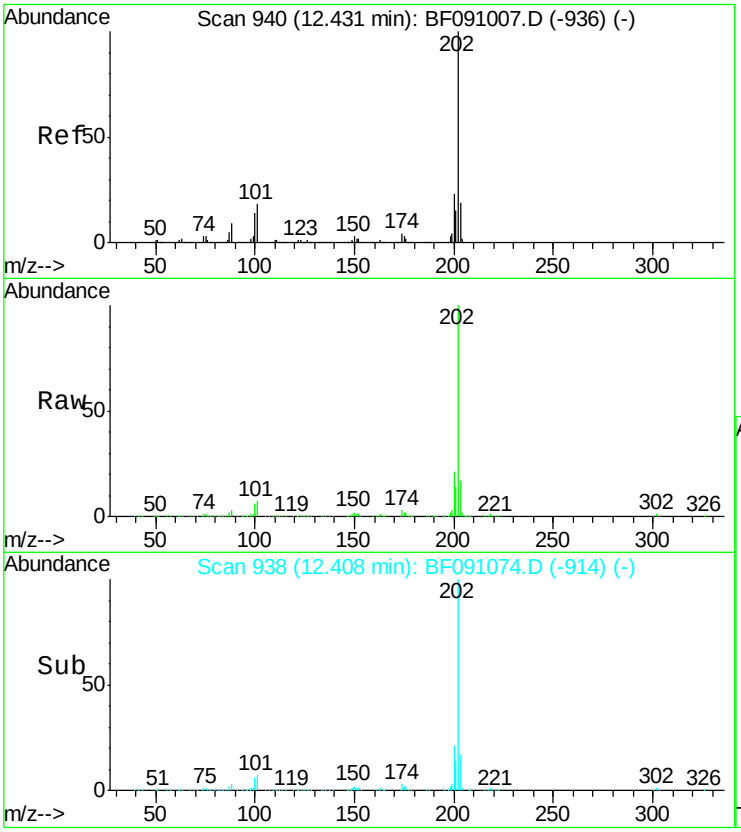


#71
Anthracene
Concen: 4.08 ng
RT: 11.26 min Scan# 838
Delta R.T. -0.03 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Tgt Ion:178 Resp: 76665

Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.0	24.0
179	17.7	13.0	19.6



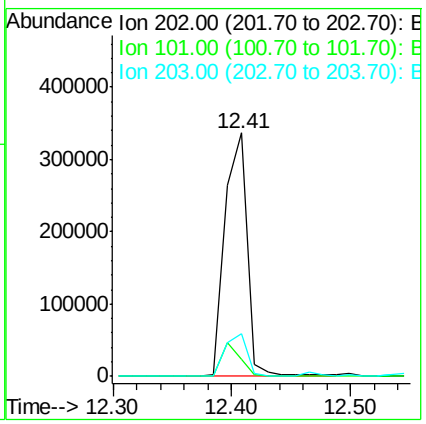


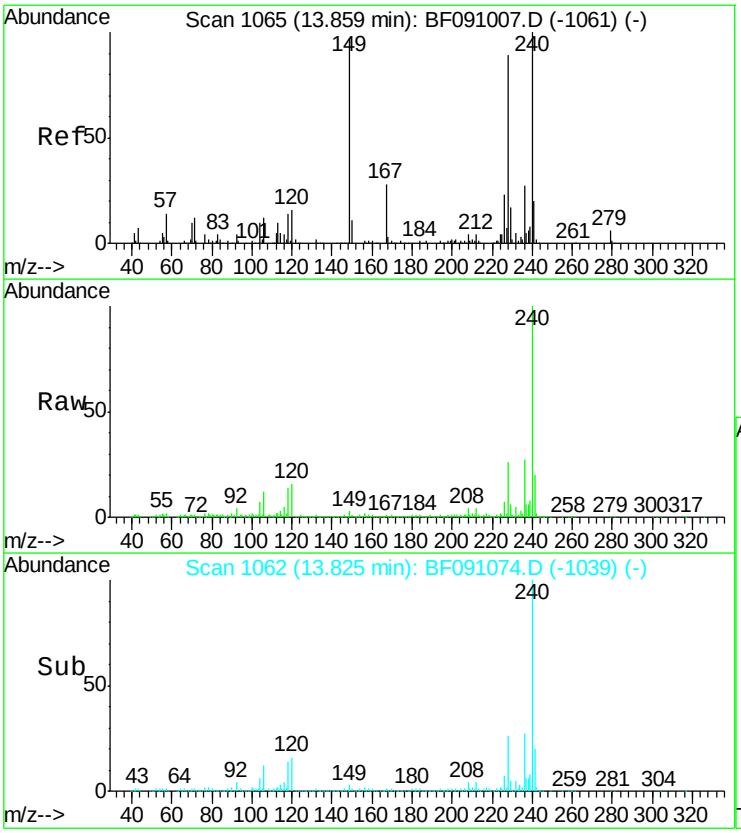
#74
Fluoranthene
Concen: 23.68 ng
RT: 12.41 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
S-1DL

Tgt Ion:202 Resp: 434608

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	37.6
203	17.3	0.0	38.6

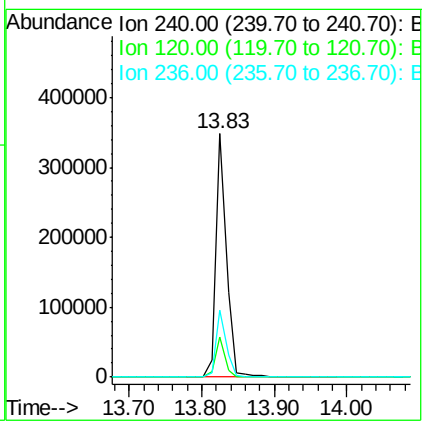


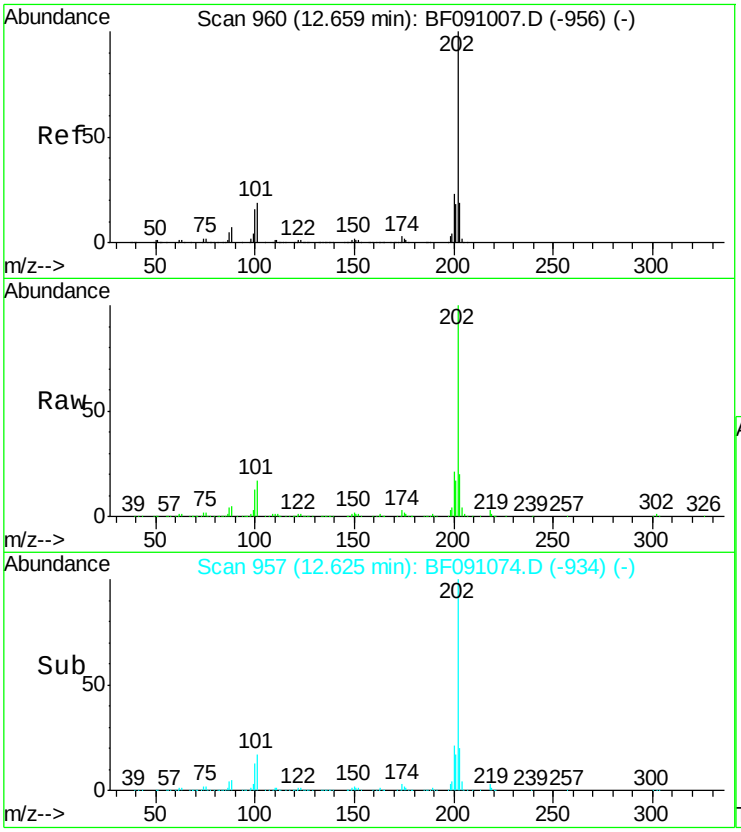


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1062
Delta R.T. -0.03 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Tgt Ion:240 Resp: 353359

Ion	Ratio	Lower	Upper
240	100		
120	16.3	12.9	19.3
236	27.4	21.9	32.9



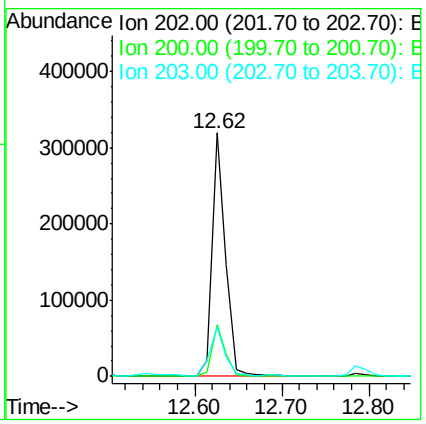


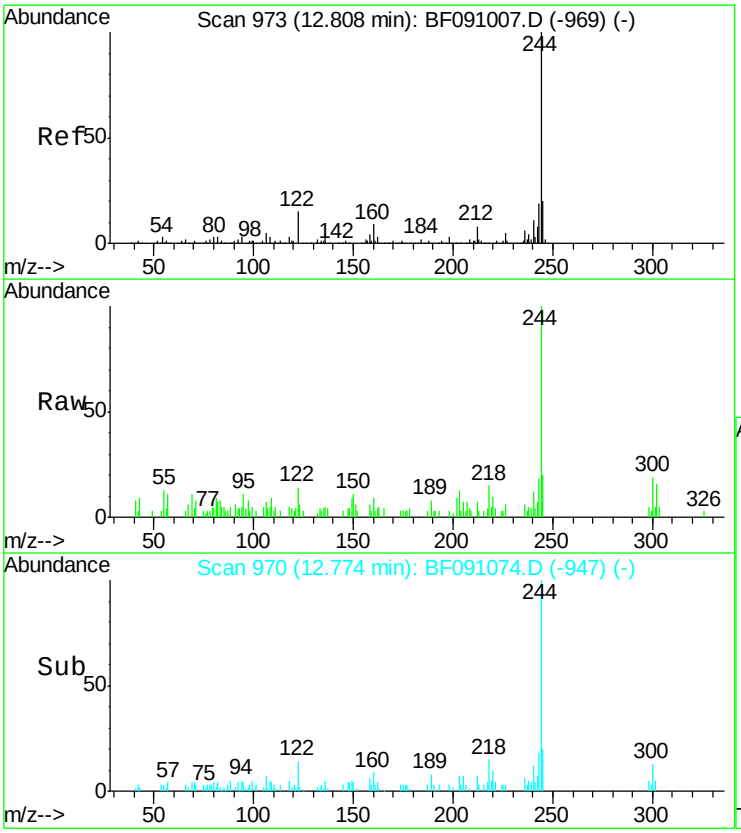
#77
Pyrene
Concen: 14.92 ng
RT: 12.62 min Scan# 957
Delta R.T. -0.03 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
S-1DL

Tgt Ion:202 Resp: 345181

Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.4	27.6
203	20.0	15.0	22.6

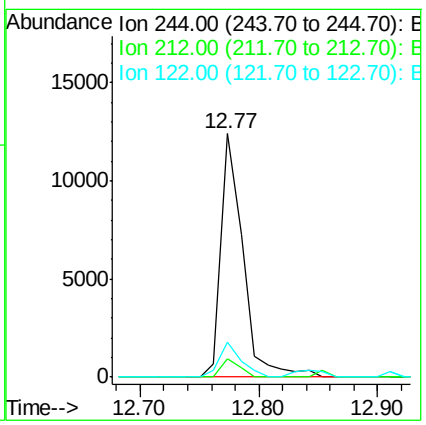


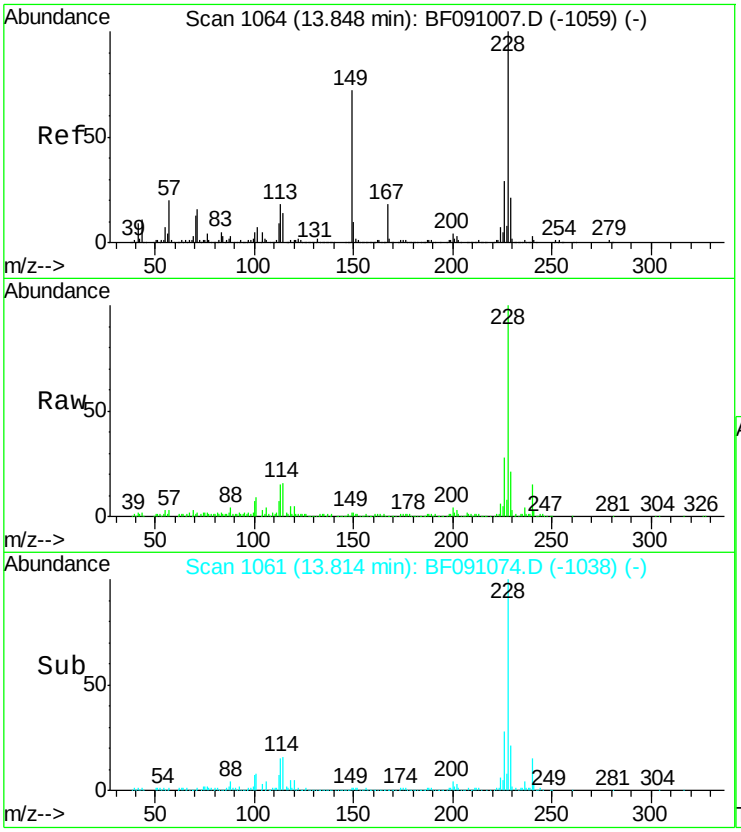


#78
Terphenyl-d14
Concen: 1.12 ng
RT: 12.77 min Scan# 970
Delta R.T. -0.03 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Tgt Ion:244 Resp: 15843

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	14.2	12.3	18.5



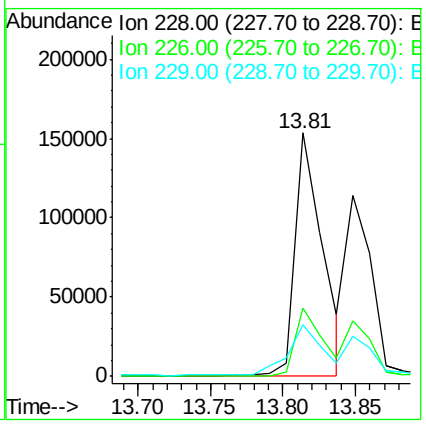


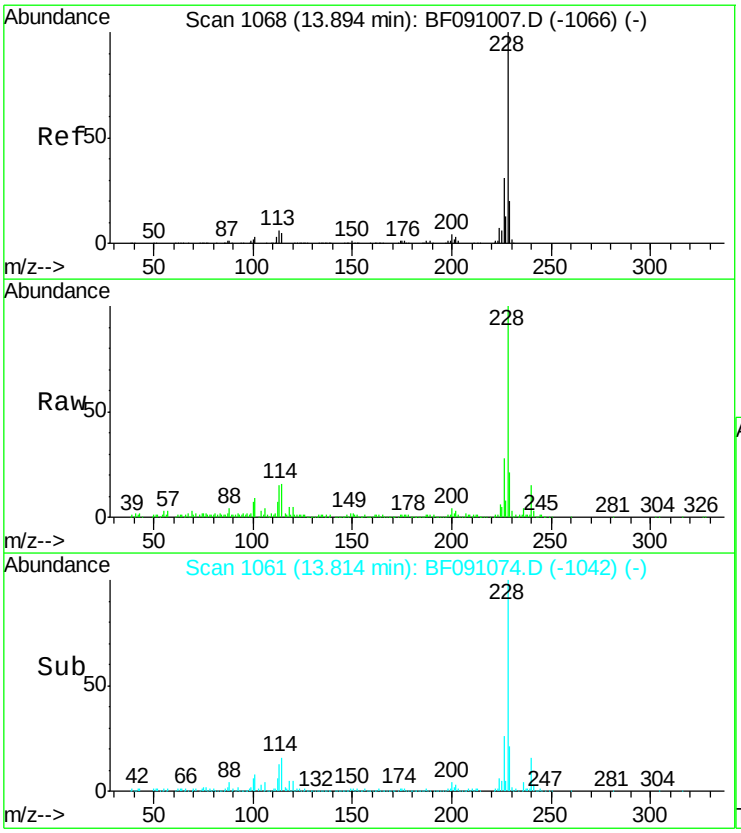
#80
Benzo(a)anthracene
Concen: 10.10 ng
RT: 13.81 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
S-1DL

Tgt Ion:228 Resp: 202635

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.0	34.6
229	21.1	16.6	24.8

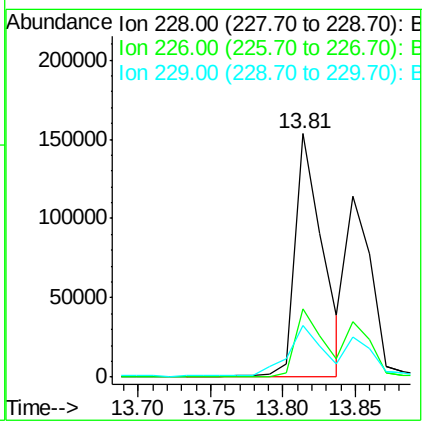


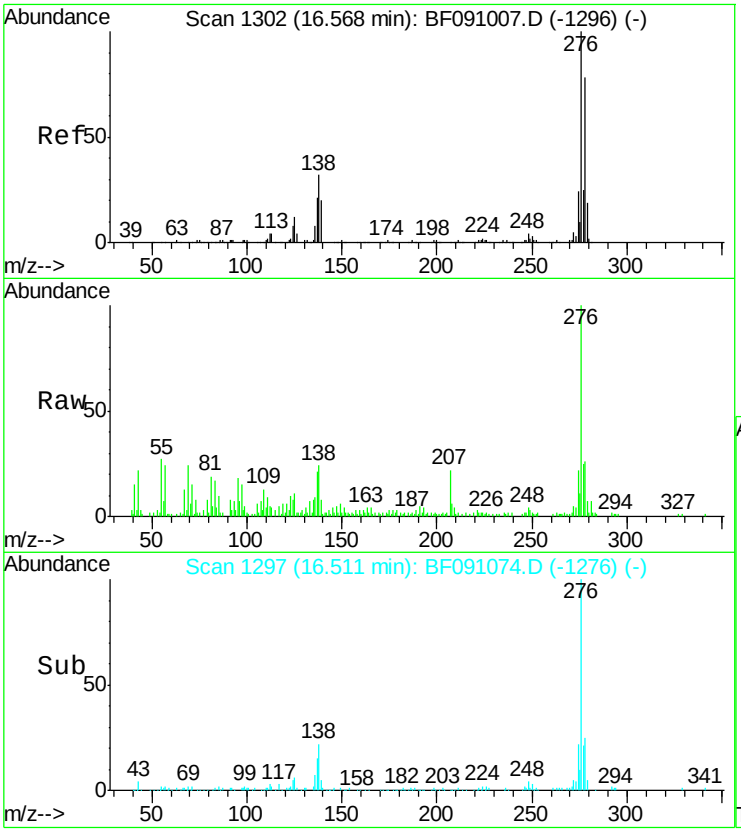


#82
Chrysene
Concen: 10.24 ng
RT: 13.81 min Scan# 1061
Delta R.T. -0.08 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Tgt Ion:228 Resp: 202635

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.9	37.3
229	21.1	15.9	23.9



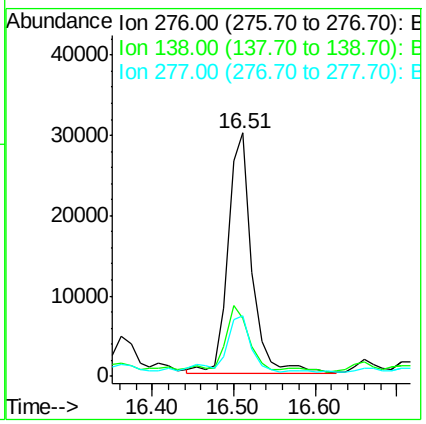


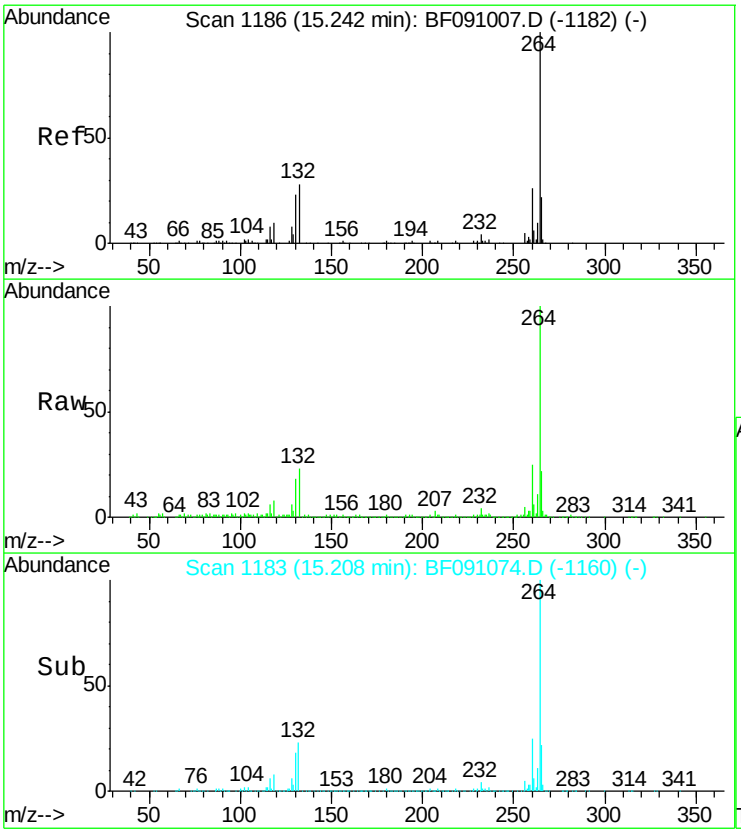
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.74 ng
RT: 16.51 min Scan# 1297
Delta R.T. -0.06 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
S-1DL

Tgt Ion:276 Resp: 61388

Ion	Ratio	Lower	Upper
276	100		
138	28.0	26.0	39.0
277	24.9	20.1	30.1

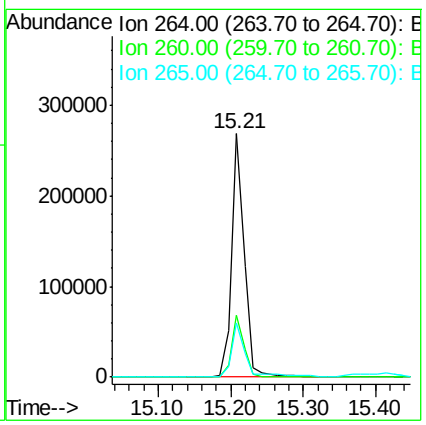


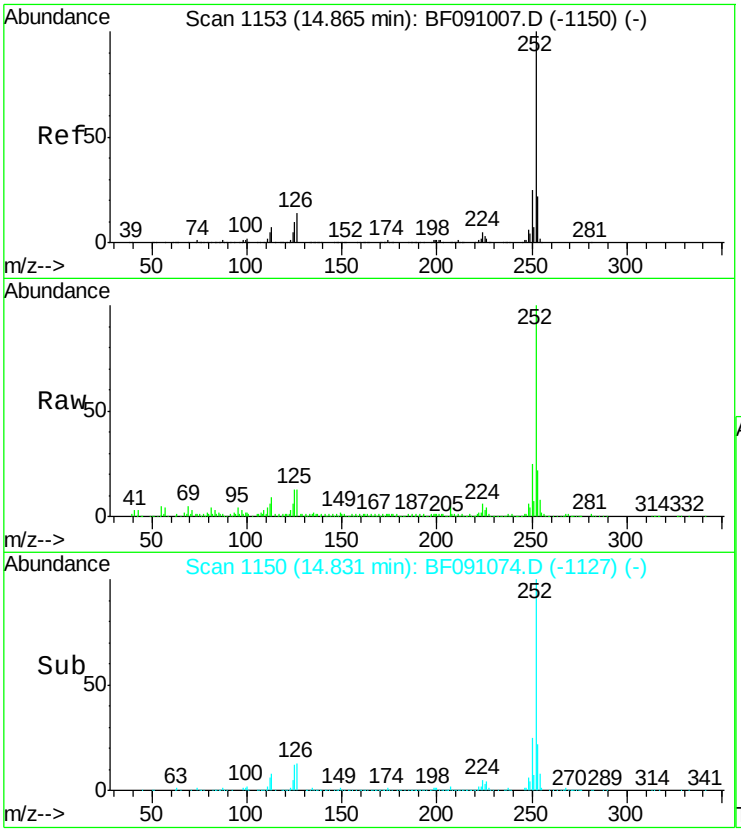


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Tgt Ion:264 Resp: 322014

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.6	30.8
265	22.5	17.8	26.8



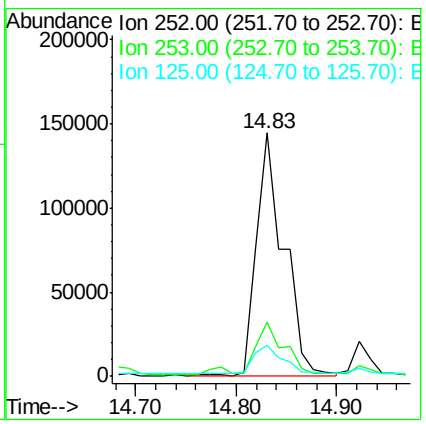


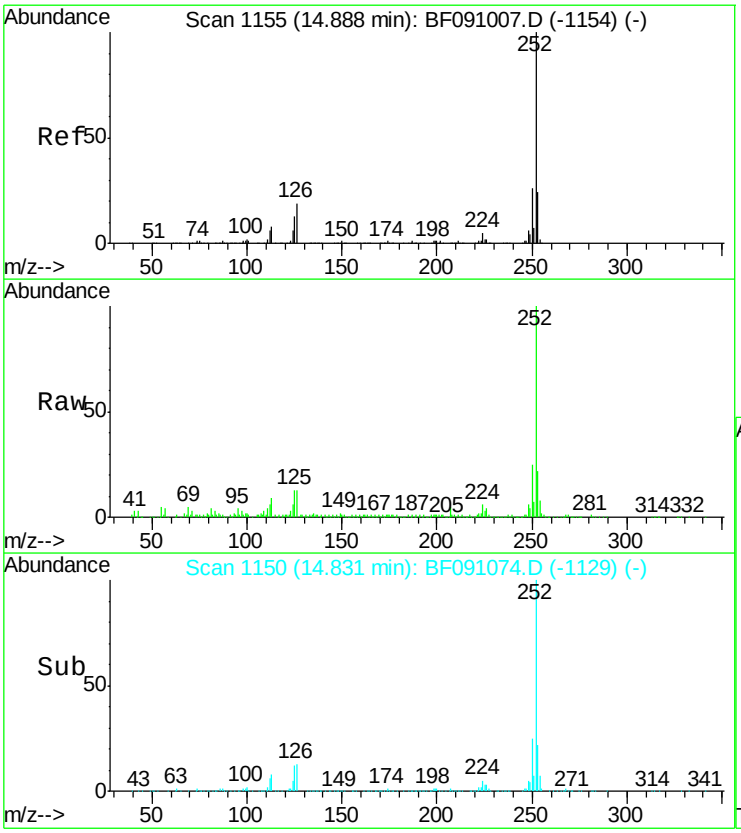
#87
Benzo(b)fluoranthene
Concen: 12.30 ng
RT: 14.83 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
S-1DL

Tgt Ion:252 Resp: 268672

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	12.8	8.3	12.5#

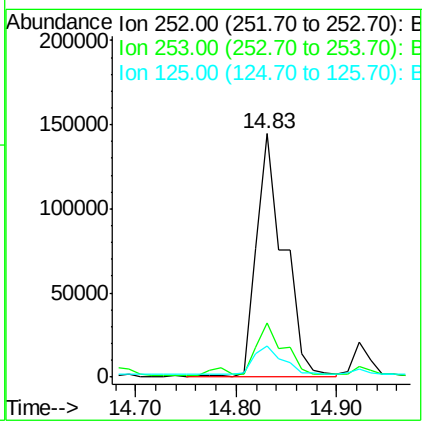


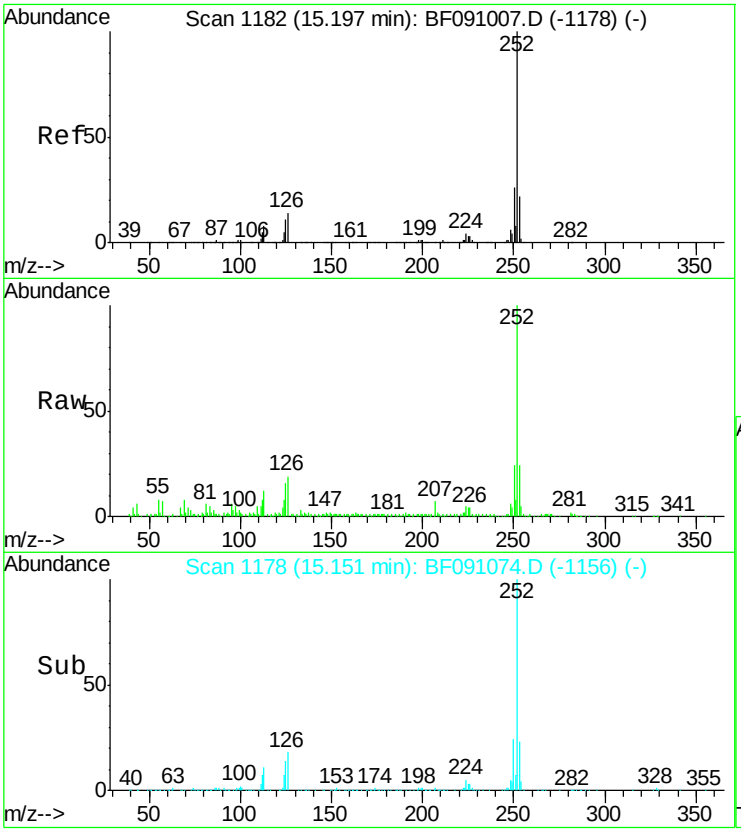


#88
Benzo(k)fluoranthene
Concen: 14.02 ng
RT: 14.83 min Scan# 1150
Delta R.T. -0.06 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Tgt Ion:252 Resp: 268672

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	28.0
125	12.8	11.2	16.8



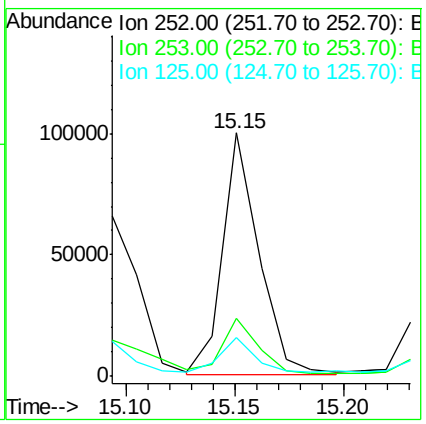


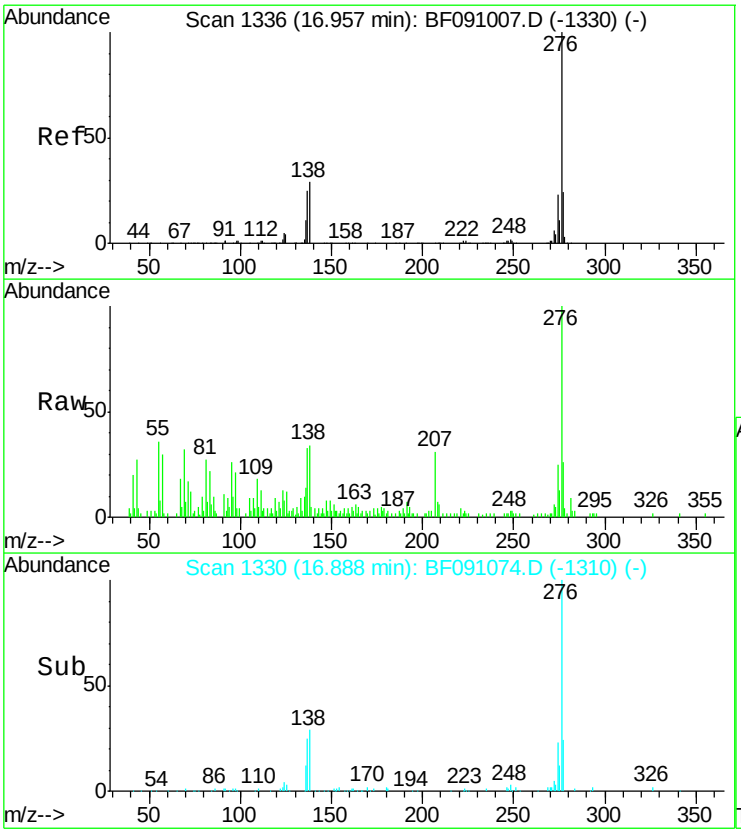
#89
Benzo(a)pyrene
Concen: 6.08 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
S-1DL

Tgt Ion:252 Resp: 115658

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	16.2	8.6	13.0#





#91
Benzo(g,h,i)perylene
Concen: 3.31 ng
RT: 16.89 min Scan# 1330
Delta R.T. -0.07 min
Lab File: BF091074.D
Acq: 7 Nov 2016 23:34

Tgt Ion:276 Resp: 49239

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.2	28.8
138	34.4	23.3	34.9