Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091047.D
Acq On : 5 Nov 2016 3:30
Operator : UM/SJ
Sample : H5509-03DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Nov 05 03:02:59 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	173909	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	674310	20.00	ng		-0.01
38) Acenaphthene-d10	9.74	164	317836	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	407058	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	369238	20.00	ng		0.00
86) Perylene-d12	15.24	264	274040	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	381209	36.20	ng		0.00
7) Phenol-d6	6.35	99	526886	36.86	ng		0.00
23) Nitrobenzene-d5	7.26	82	293165	23.72	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	69191	24.08	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	452534	24.51	ng		0.00
78) Terphenyl-d14	12.81	244	275807	18.64	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	37983	3.83	ng	#	80
25) Isophorone	7.26	82	280079	11.76	ng	#	67
49) Dimethylphthalate	9.47	163	138678	6.65	ng		97
55) 4-Nitrophenol	9.95	139	8051	7.85	ng	#	1
56) 2,4-Dinitrotoluene	9.74	165	41714	7.34	ng	#	26
70) Phenanthrene	11.24	178	349546	16.15	ng		99
71) Anthracene	11.30	178	90214	3.92	ng		97
74) Fluoranthene	12.43	202	468481	20.87	ng		97
77) Pyrene	12.66	202	395748	16.37	ng		97
80) Benzo(a)anthracene	13.85	228	242627	11.57	ng		99
82) Chrysene	13.85	228	242627	11.74	ng		96
85) Indeno(1,2,3-cd)pyrene	16.56	276	70059	4.08	ng		96
87) Benzo(b)fluoranthene	14.85	252	248678	13.38	ng	#	94
88) Benzo(k)fluoranthene	14.85	252	248678	15.25	ng	#	95
89) Benzo(a)pyrene	15.19	252	125285	7.74	ng	#	94
91) Benzo(g,h,i)perylene	16.95	276	61693	4.88	ng		99

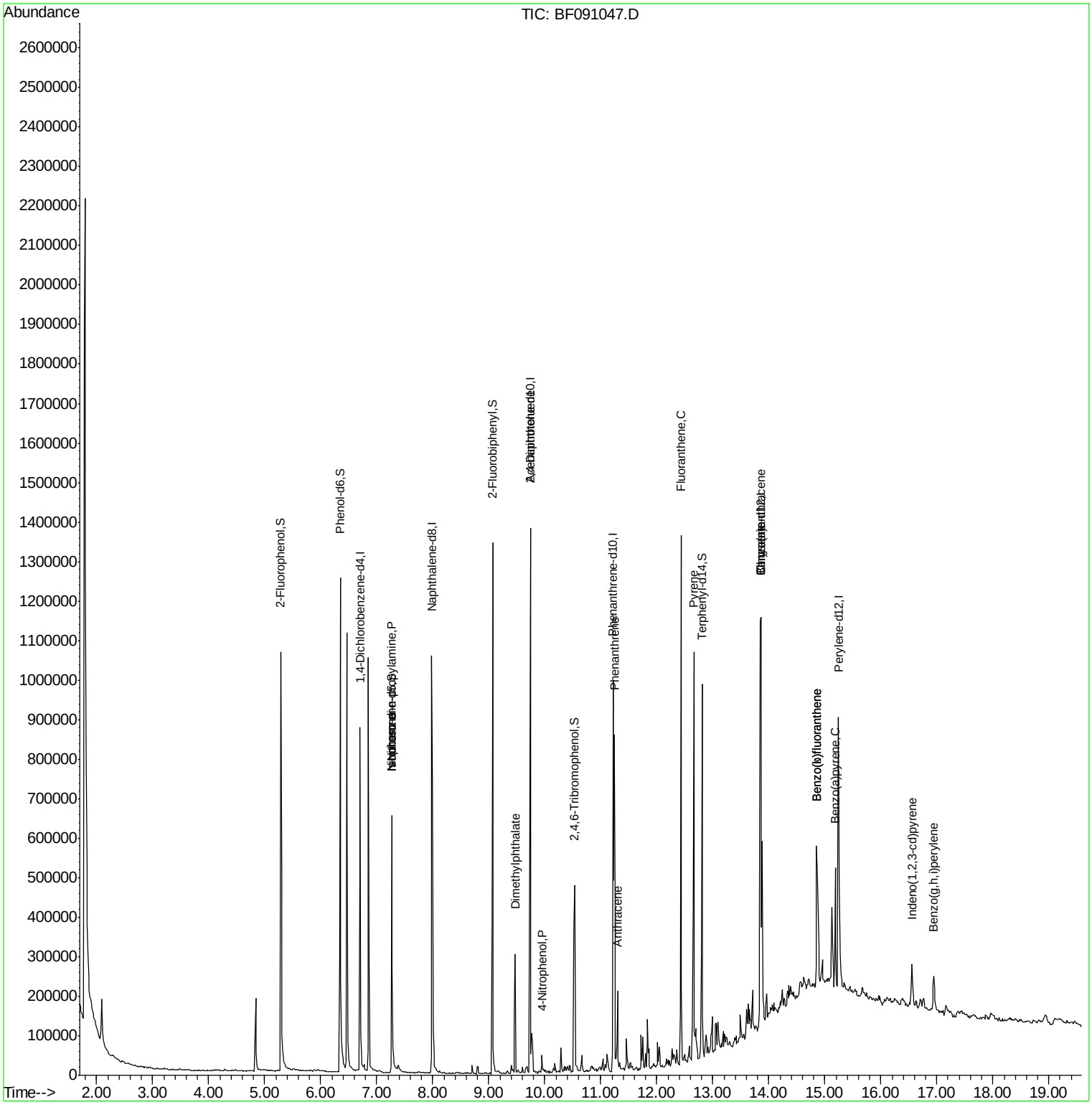
(#) = qualifier out of range (m) = manual integration (+) = signals summed

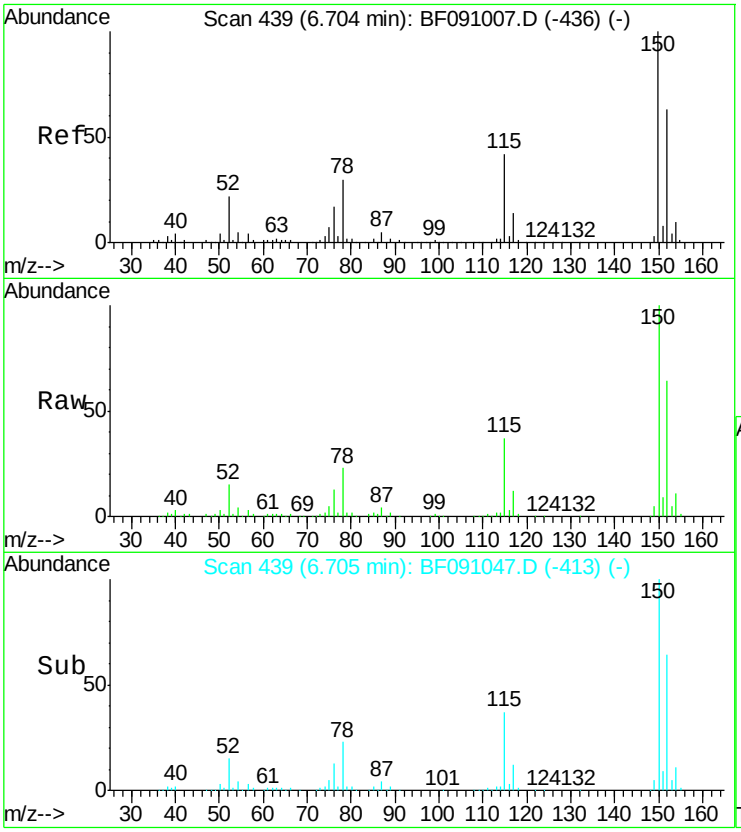
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091047.D
Acq On : 5 Nov 2016 3:30
Operator : UM/SJ
Sample : H5509-03DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Nov 05 03:02:59 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



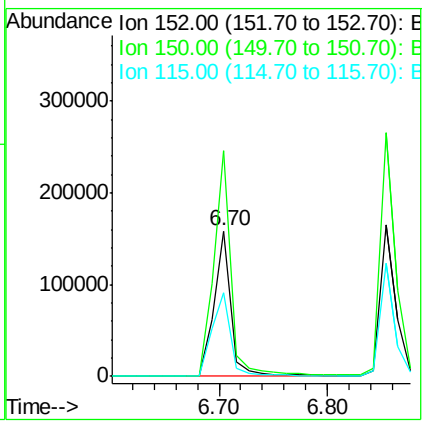


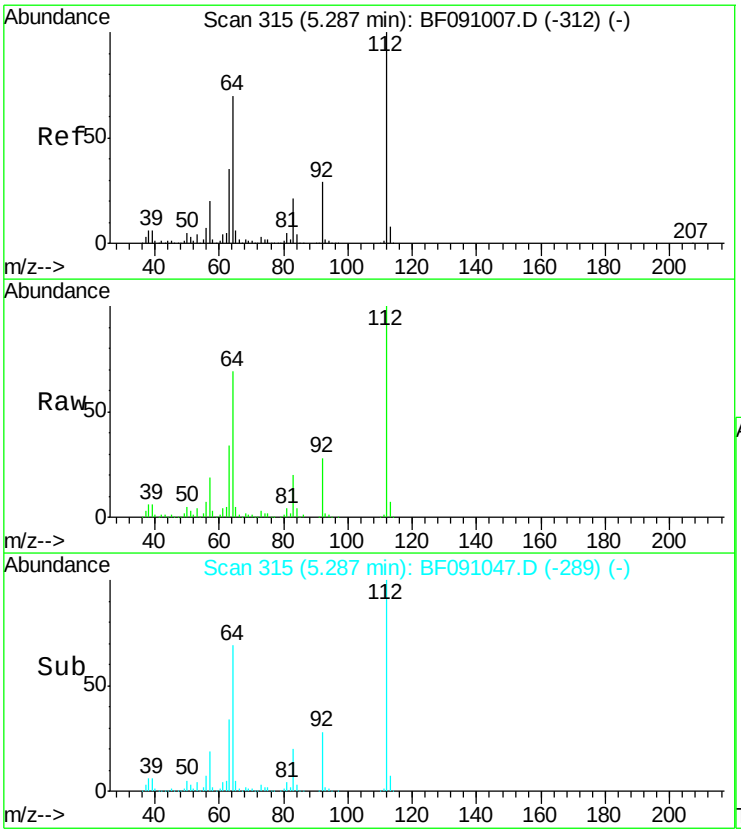
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

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

Tgt Ion:152 Resp: 173909

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.8	190.2
115	57.5	53.3	79.9

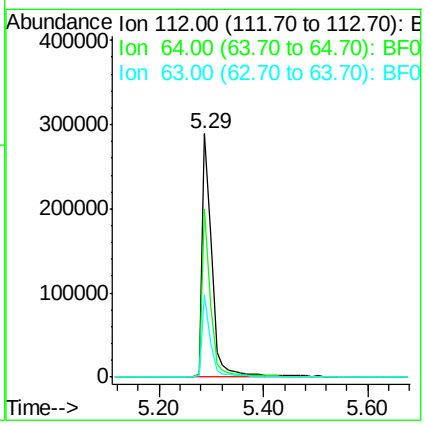


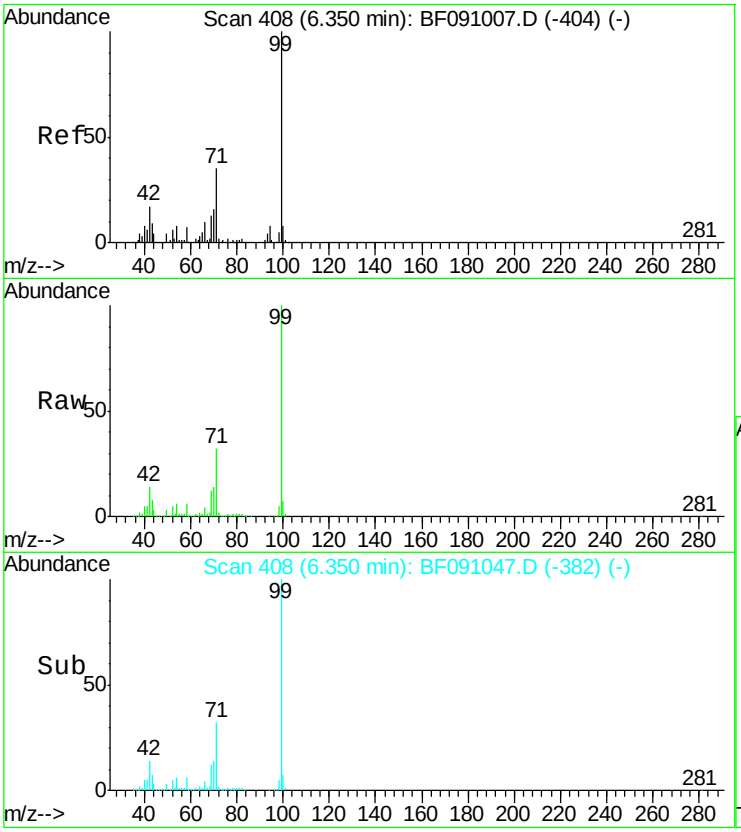


#5
2-Fluorophenol
Concen: 36.20 ng
RT: 5.29 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

Tgt Ion:112 Resp: 381209

Ion	Ratio	Lower	Upper
112	100		
64	68.8	55.8	83.6
63	33.8	28.0	42.0



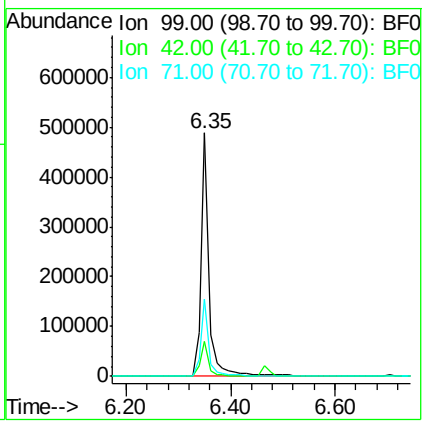


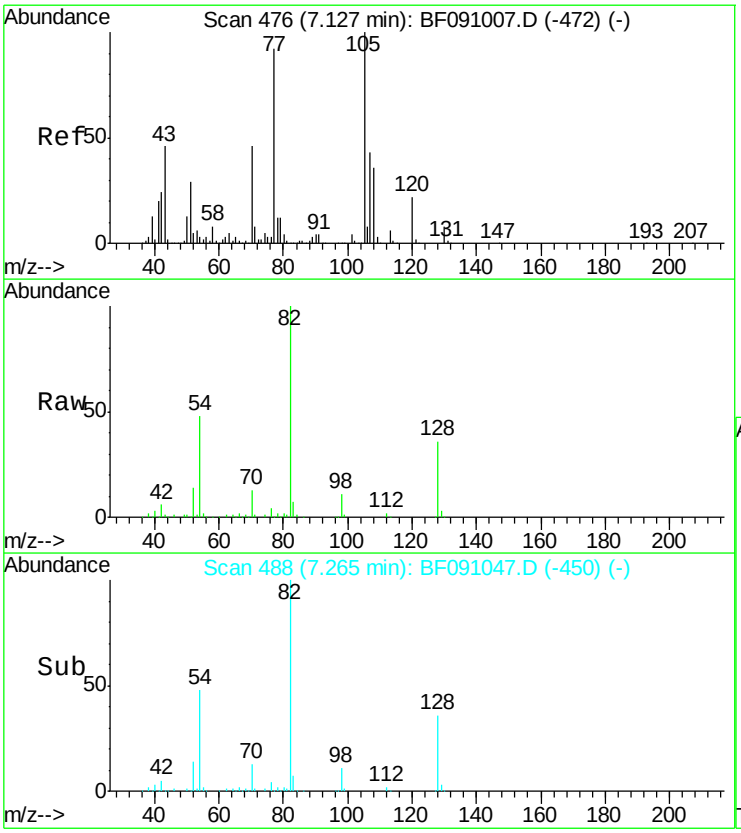
#7
Phenol-d6
Concen: 36.86 ng
RT: 6.35 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

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

Tgt Ion: 99 Resp: 526886

Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.9	20.9
71	31.5	27.8	41.8

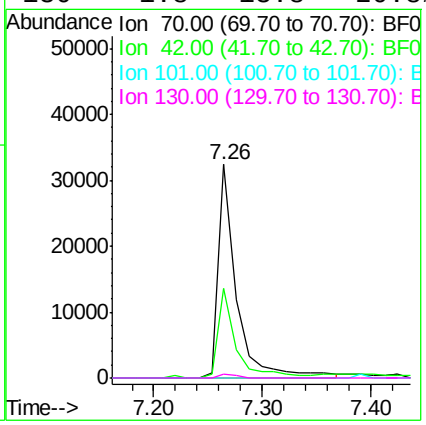


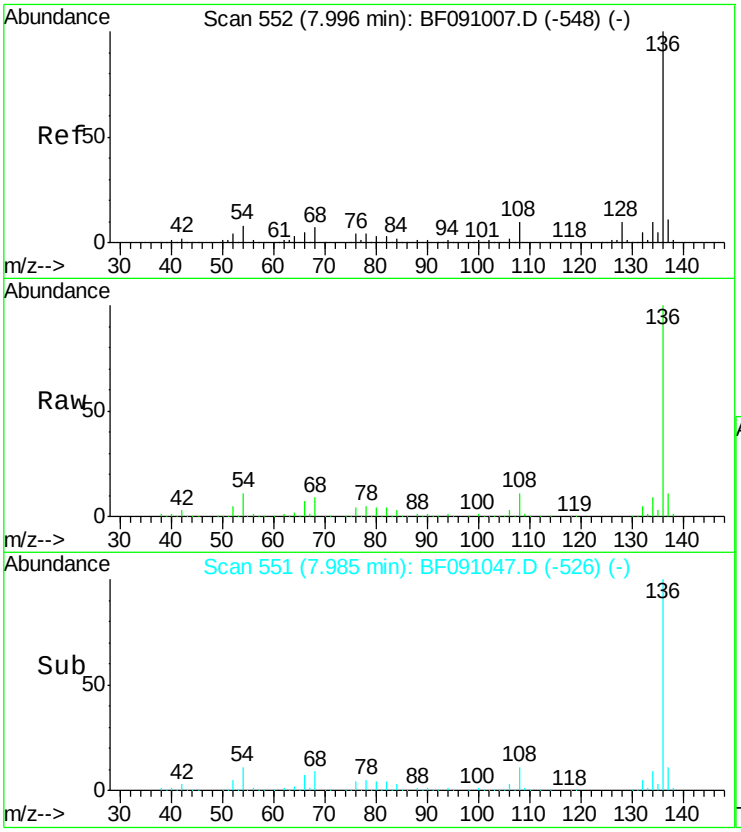


#19
n-Nitroso-di-n-propylamine
Concen: 3.83 ng
RT: 7.26 min Scan# 488
Delta R.T. 0.14 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

Tgt Ion: 70 Resp: 37983

Ion	Ratio	Lower	Upper
70	100		
42	41.9	41.7	62.5
101	0.0	6.7	10.1#
130	1.8	13.8	20.8#



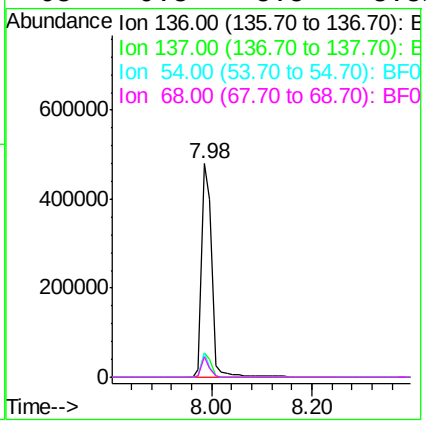


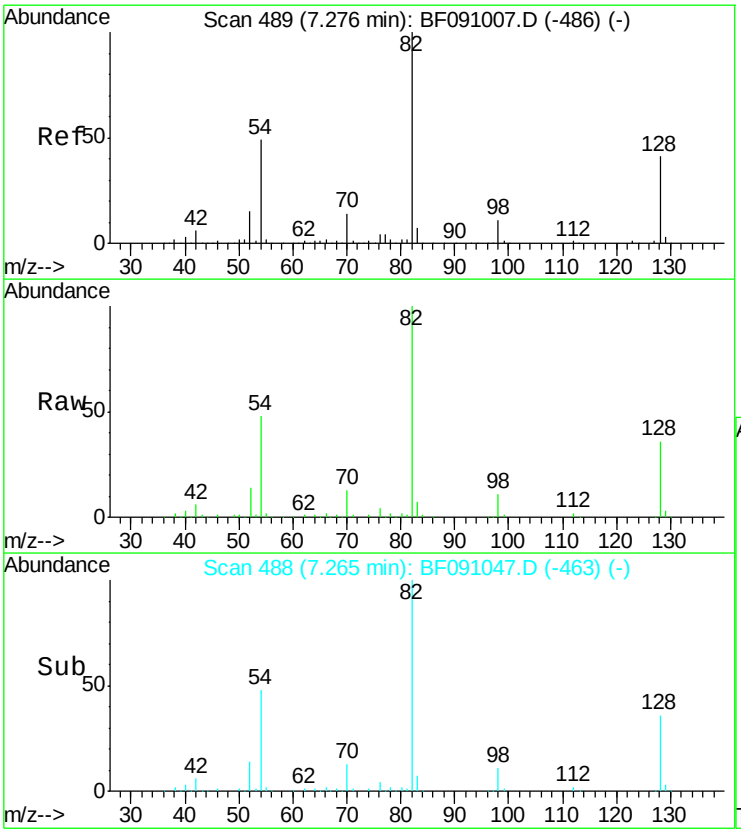
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

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

Tgt Ion:136 Resp: 674310

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	11.3	6.2	9.2#
68	9.3	5.5	8.3#

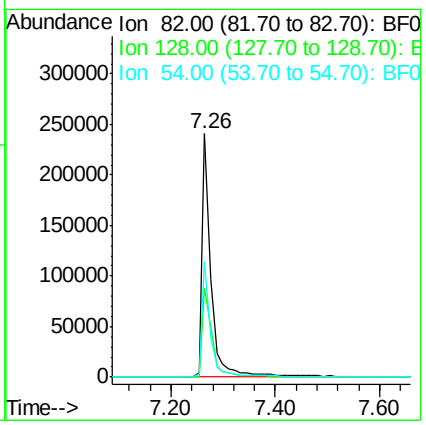


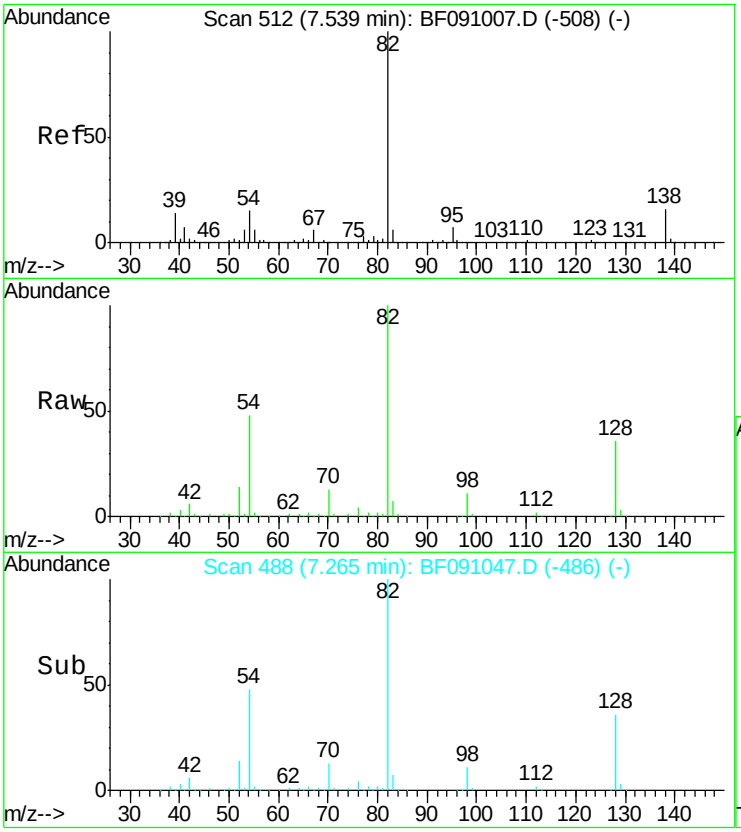


#23
Nitrobenzene-d5
Concen: 23.72 ng
RT: 7.26 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

Tgt Ion: 82 Resp: 293165

Ion	Ratio	Lower	Upper
82	100		
128	36.3	32.4	48.6
54	47.7	39.2	58.8



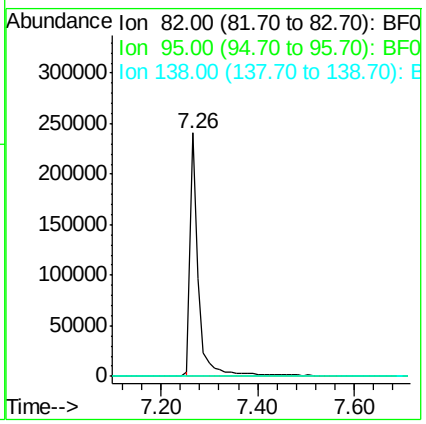


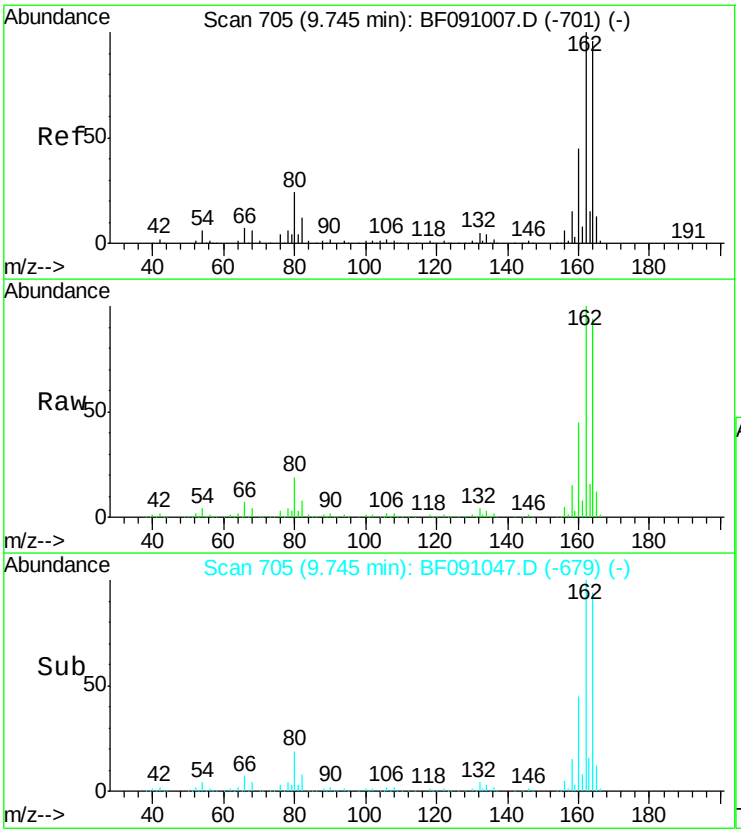
#25
Isophorone
Concen: 11.76 ng
RT: 7.26 min Scan# 488
Delta R.T. -0.27 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

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

Tgt Ion: 82 Resp: 280079

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

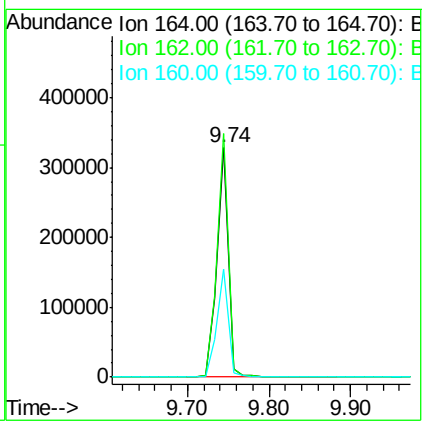


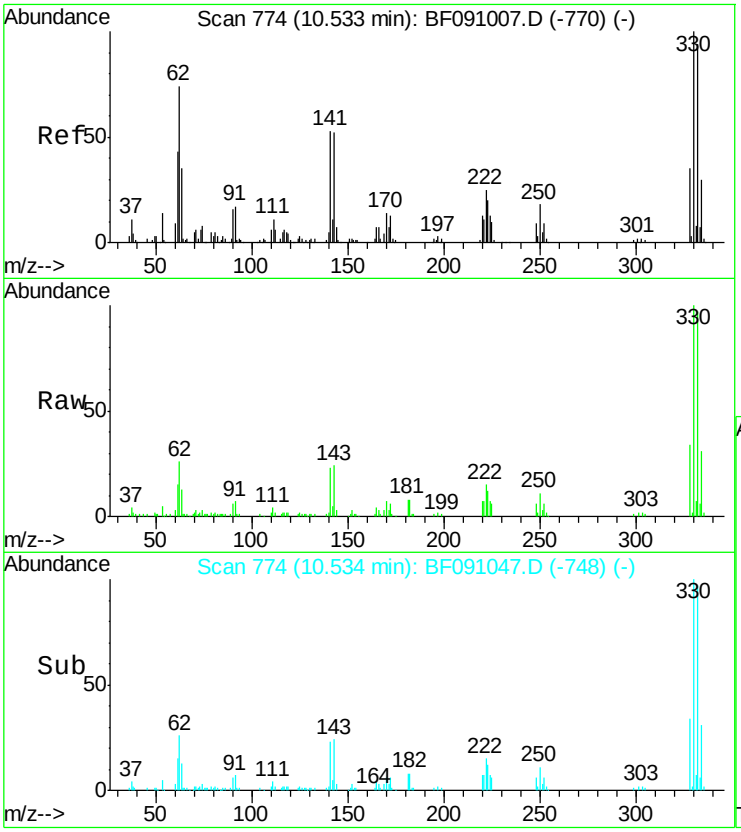


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

Tgt Ion:164 Resp: 317836

Ion	Ratio	Lower	Upper
164	100		
162	106.1	83.6	125.4
160	47.3	37.9	56.9



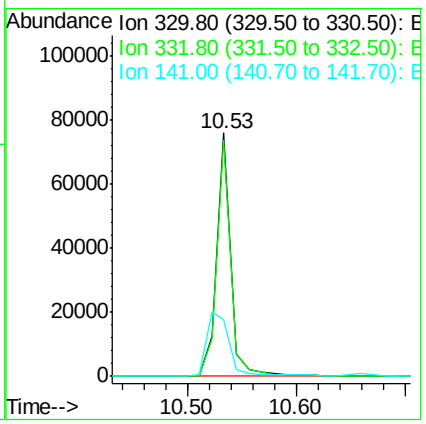


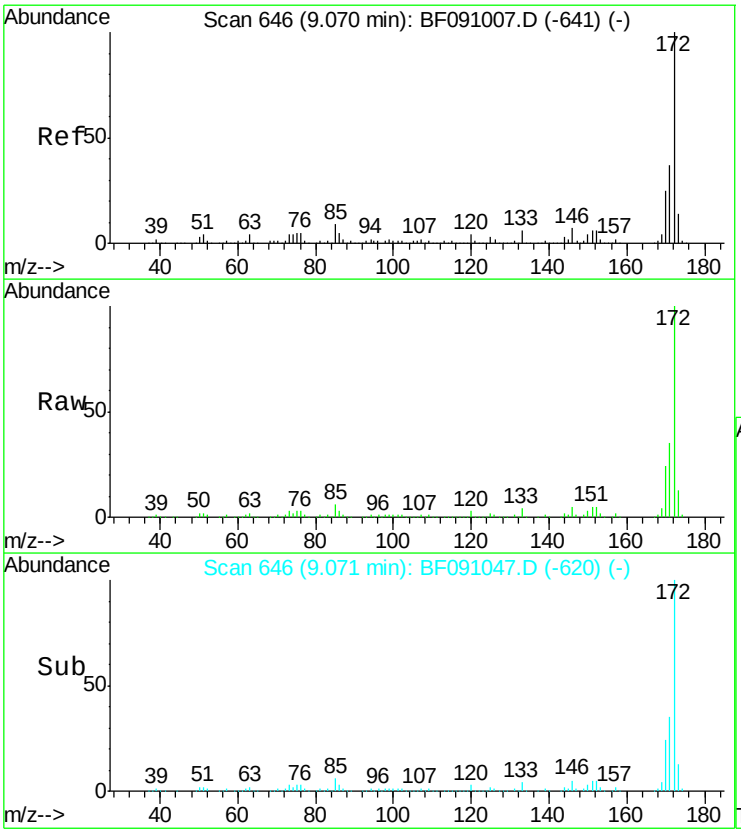
#41
2,4,6-Tribromophenol
Concen: 24.08 ng
RT: 10.53 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

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

Tgt Ion:330 Resp: 69191

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.9	113.9
141	43.1	36.1	54.1

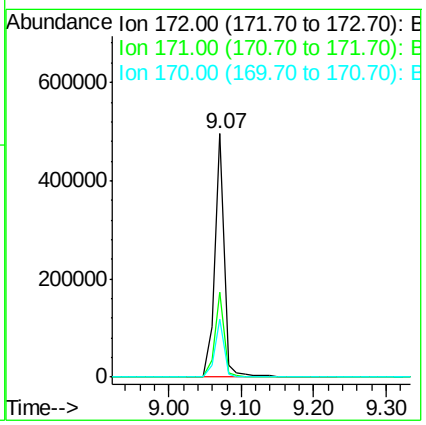


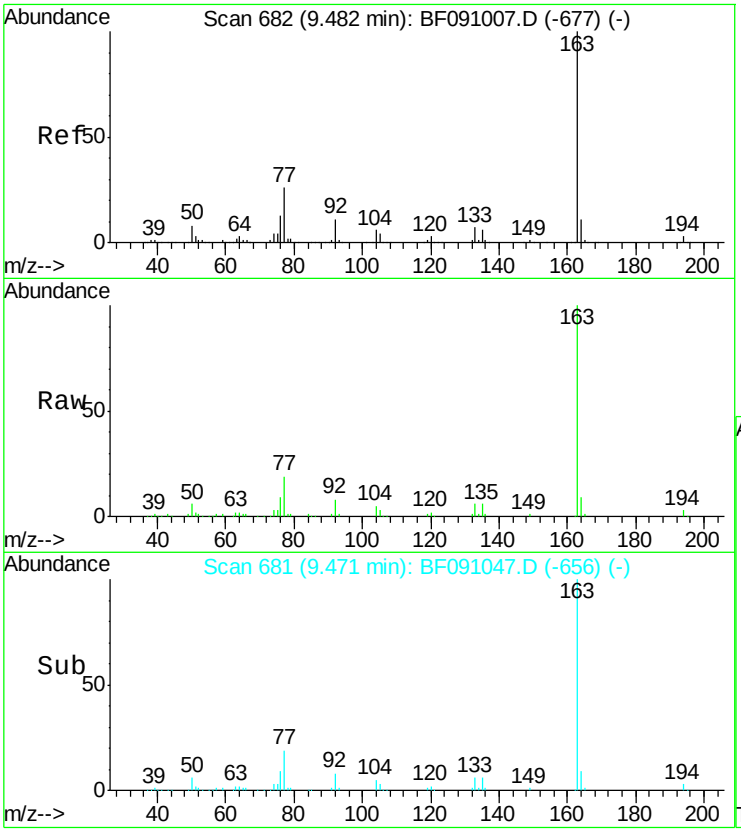


#44
2-Fluorobiphenyl
Concen: 24.51 ng
RT: 9.07 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

Tgt Ion:172 Resp: 452534

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.8	44.6
170	23.8	20.3	30.5



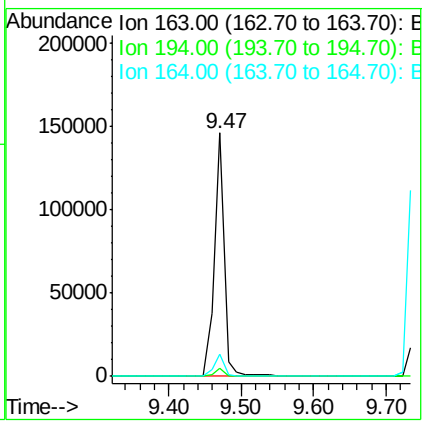


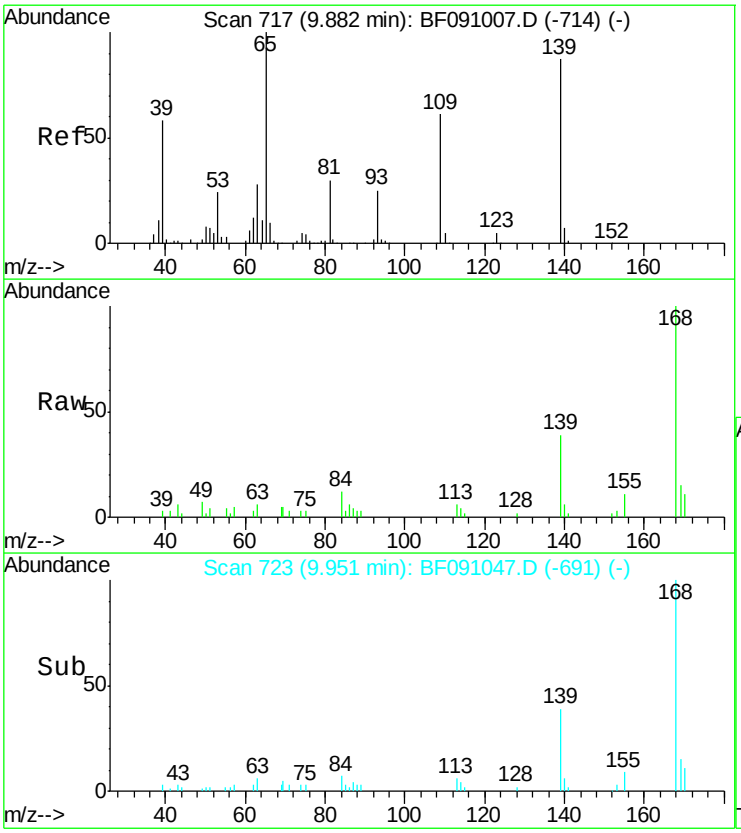
#49
Dimethylphthalate
Concen: 6.65 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

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

Tgt Ion:163 Resp: 138678

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.3	8.7	13.1

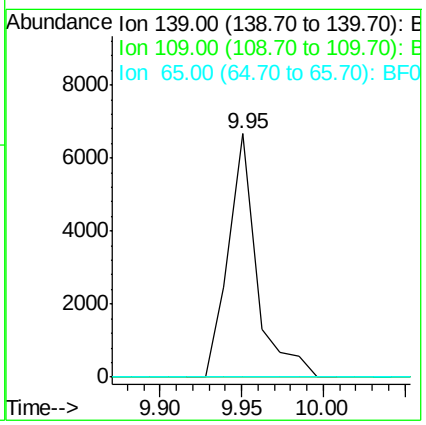


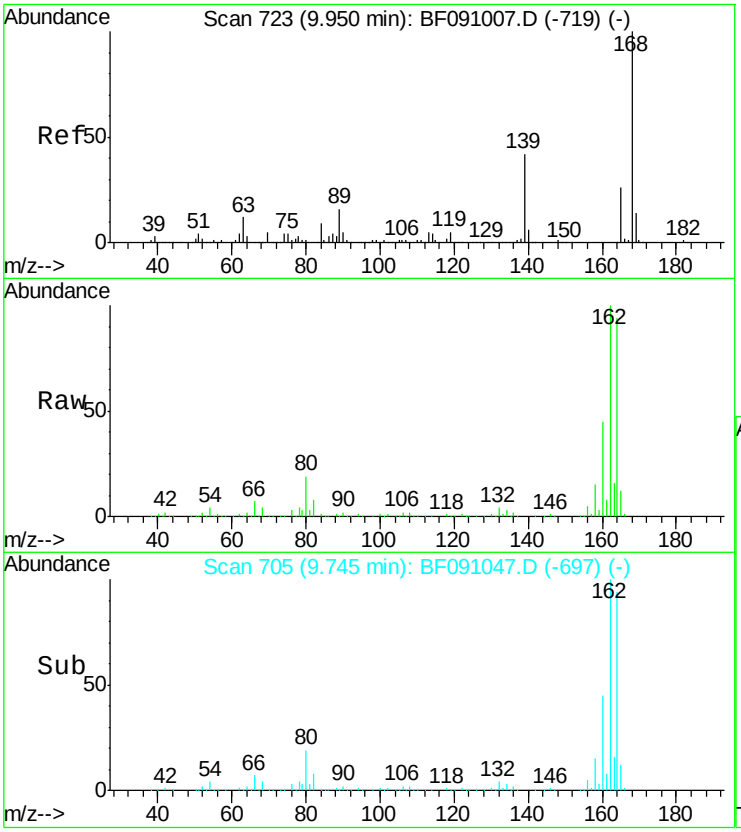


#55
4-Nitrophenol
Concen: 7.85 ng
RT: 9.95 min Scan# 723
Delta R.T. 0.07 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

Tgt Ion:139 Resp: 8051

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



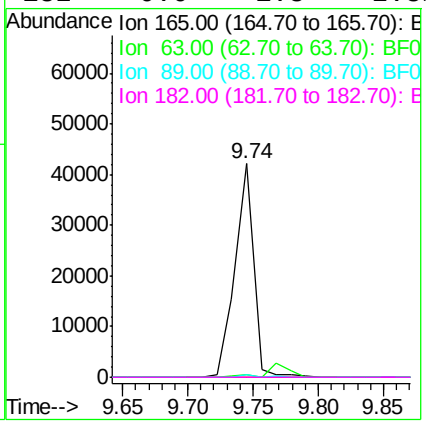


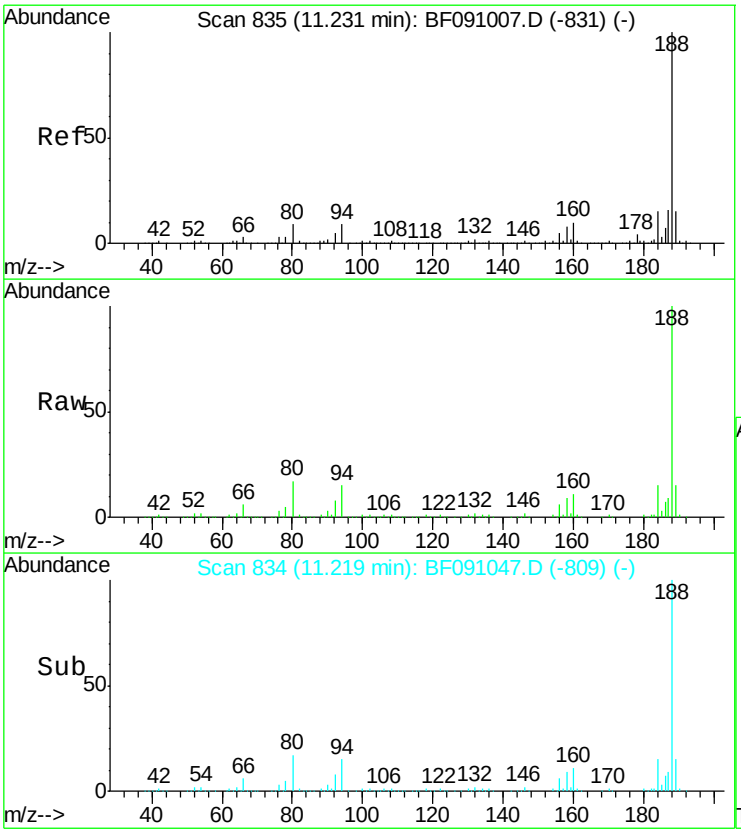
#56
2,4-Dinitrotoluene
Concen: 7.34 ng
RT: 9.74 min Scan# 705
Delta R.T. -0.21 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

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

Tgt Ion:165 Resp: 41714

Ion	Ratio	Lower	Upper
165	100		
63	0.9	38.7	58.1#
89	1.1	50.6	76.0#
182	0.0	1.8	2.8#

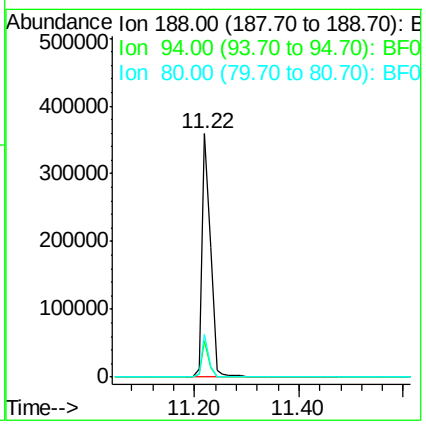


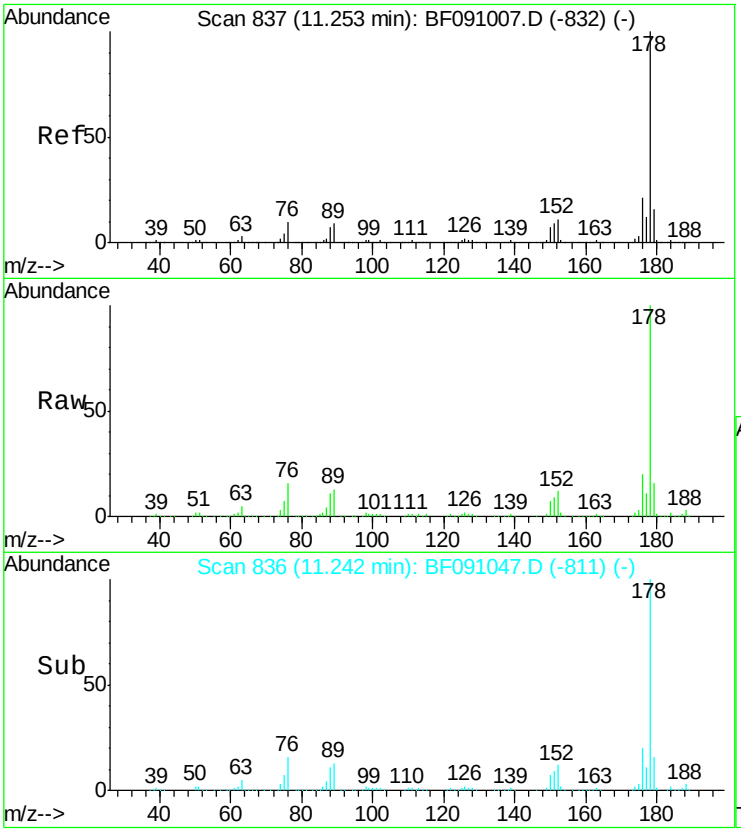


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

Tgt Ion:188 Resp: 407058

Ion	Ratio	Lower	Upper
188	100		
94	15.1	7.0	10.4#
80	17.4	7.5	11.3#



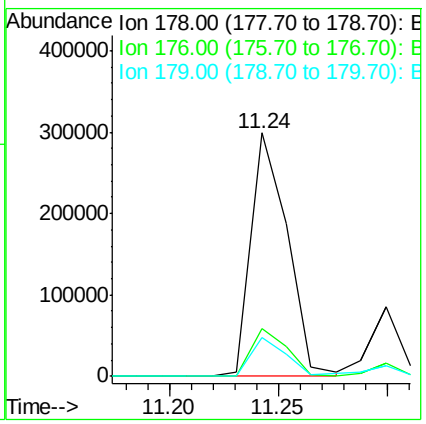


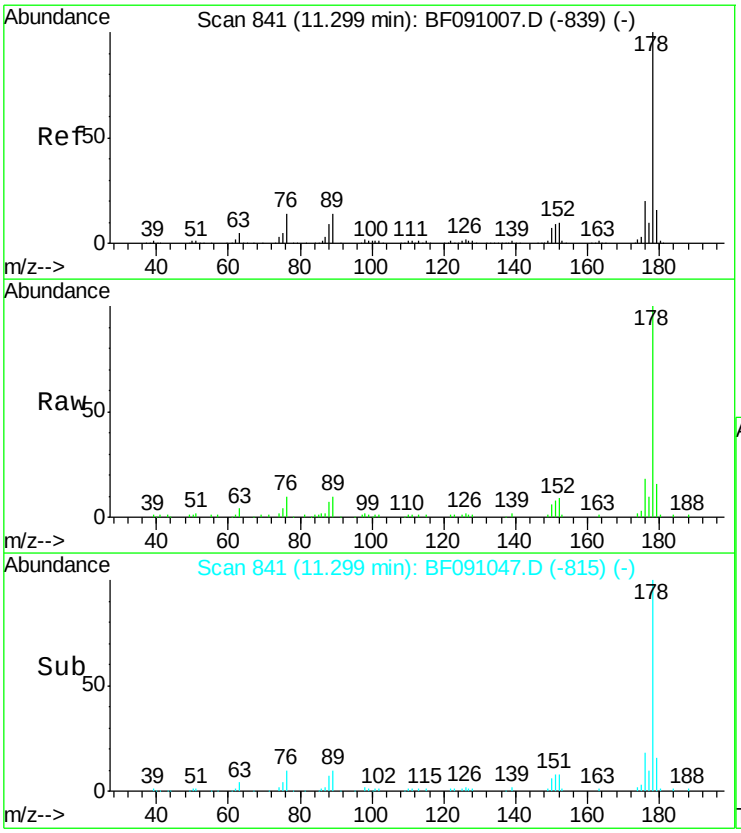
#70
Phenanthrene
Concen: 16.15 ng
RT: 11.24 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

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

Tgt Ion:178 Resp: 349546

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	16.1	12.9	19.3

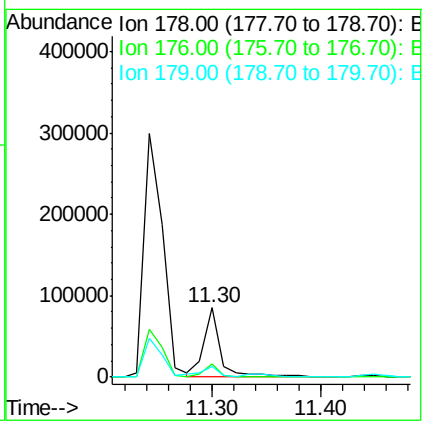


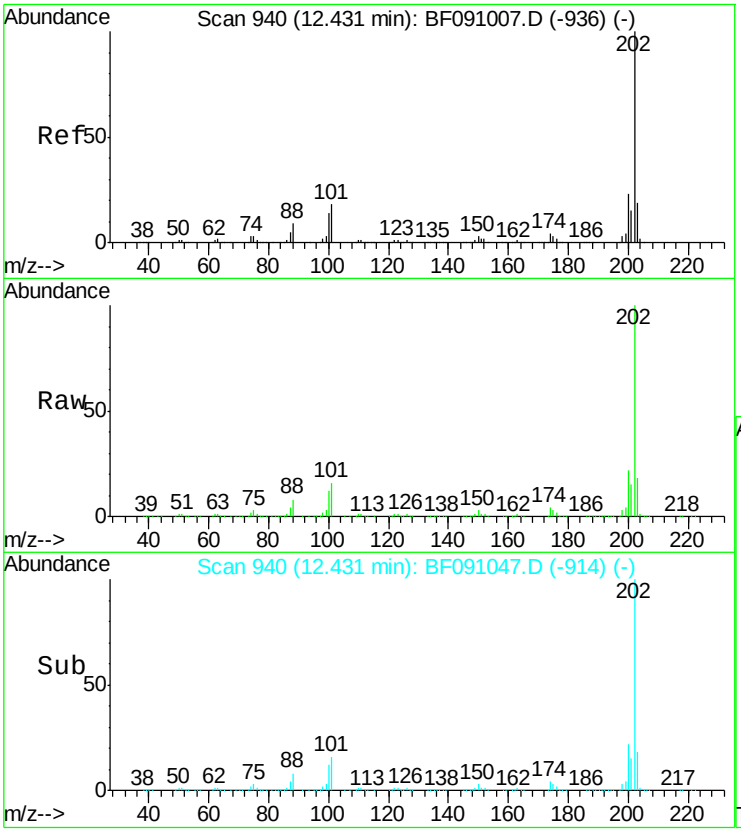


#71
Anthracene
Concen: 3.92 ng
RT: 11.30 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

Tgt Ion:178 Resp: 90214

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.0	24.0
179	15.6	13.0	19.6



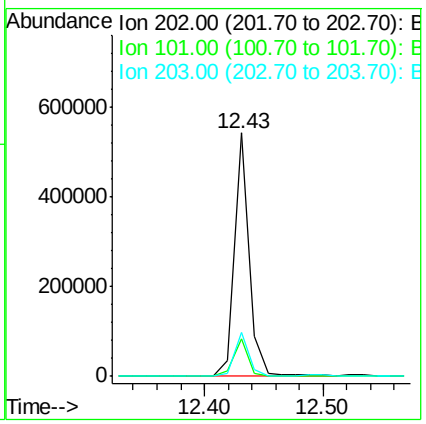


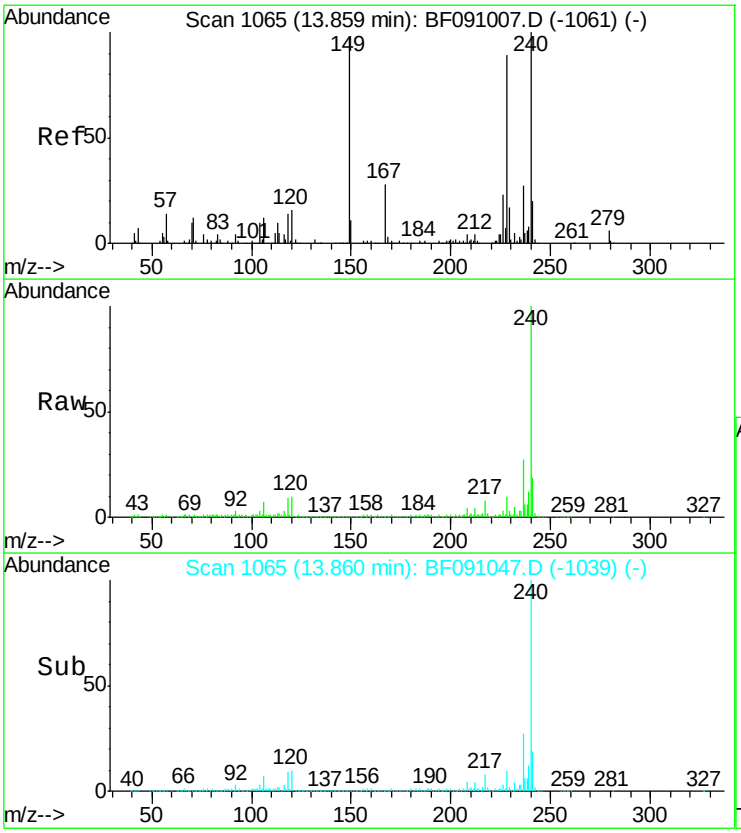
#74
Fluoranthene
Concen: 20.87 ng
RT: 12.43 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

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

Tgt Ion:202 Resp: 468481

Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	37.6
203	17.9	0.0	38.6

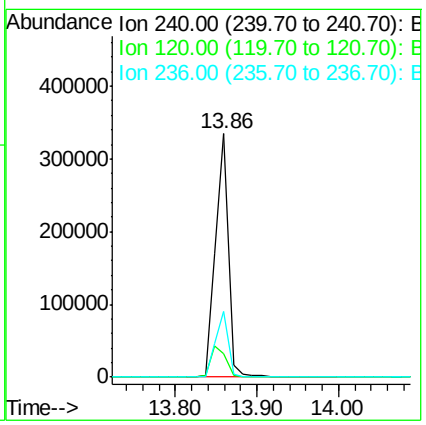


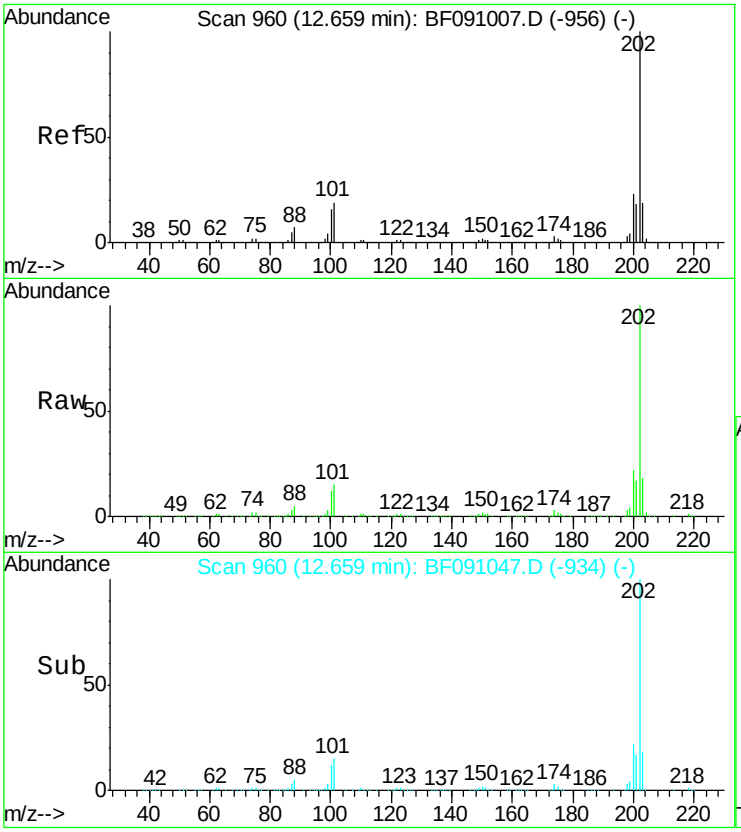


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

Tgt Ion:240 Resp: 369238

Ion	Ratio	Lower	Upper
240	100		
120	9.8	12.9	19.3#
236	27.2	21.9	32.9



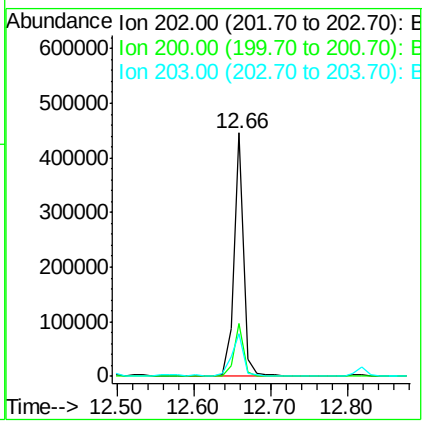


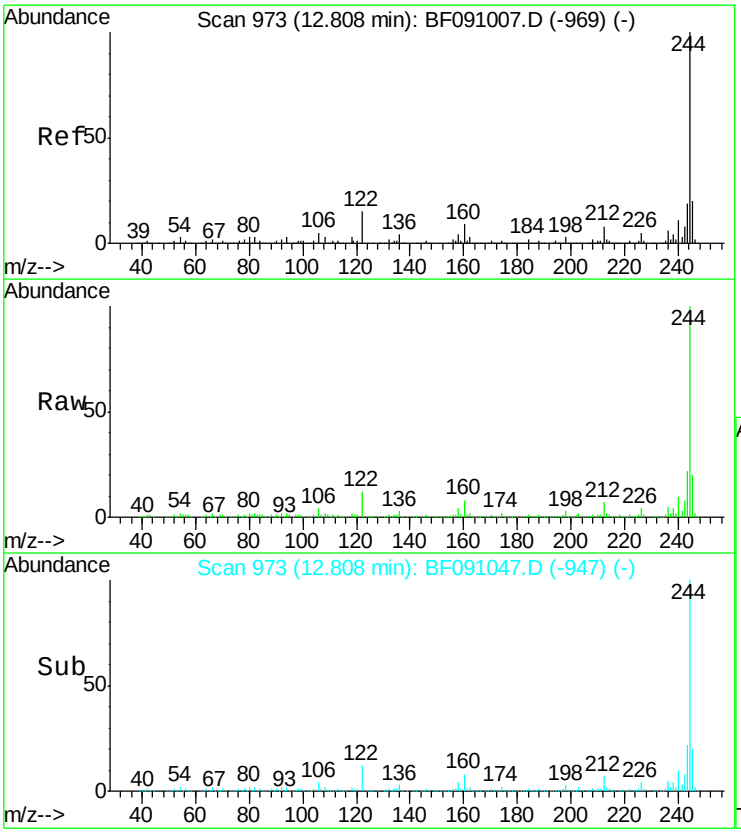
#77
Pyrene
Concen: 16.37 ng
RT: 12.66 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

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

Tgt Ion:202 Resp: 395748

Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.4	27.6
203	17.8	15.0	22.6

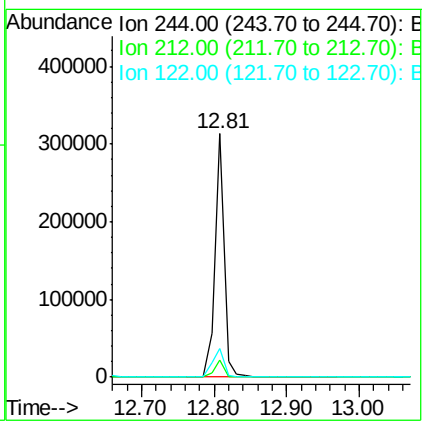


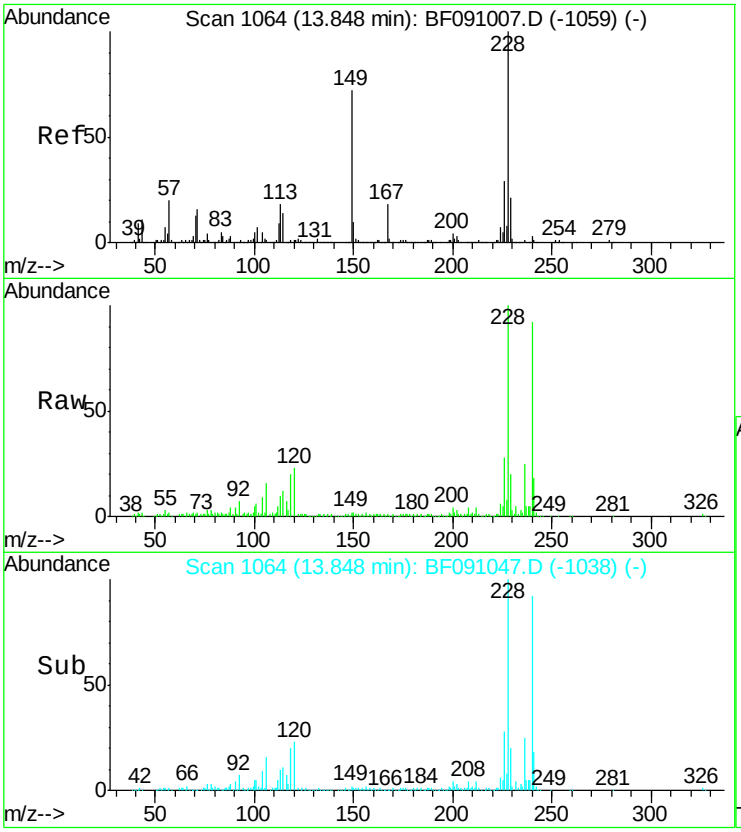


#78
Terphenyl-d14
Concen: 18.64 ng
RT: 12.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

Tgt Ion:244 Resp: 275807

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	11.5	12.3	18.5#



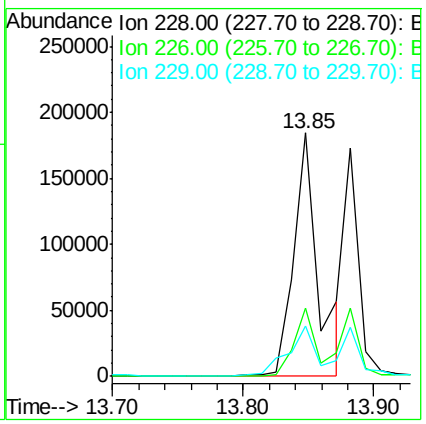


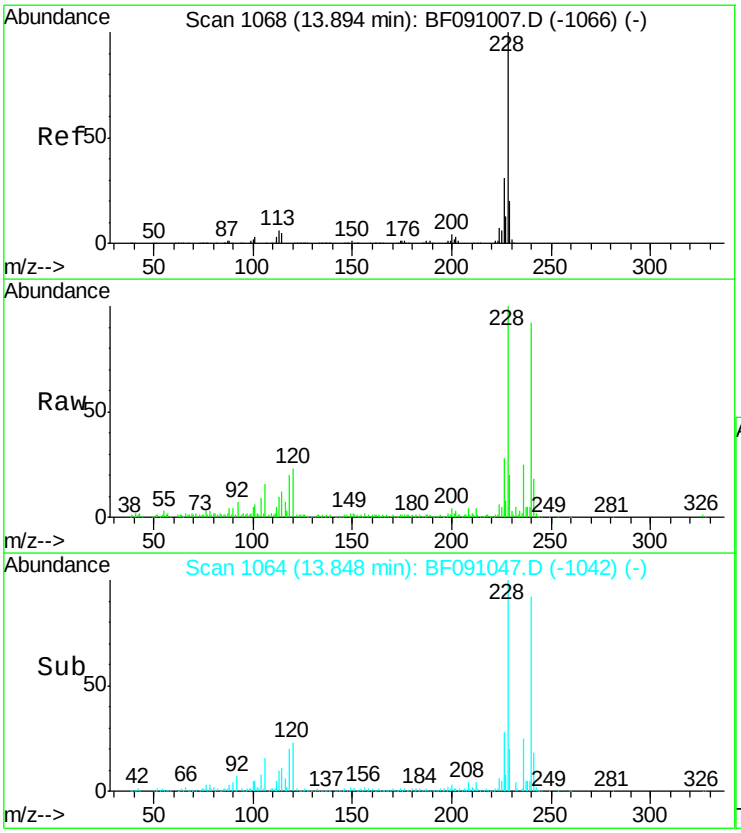
#80
Benzo(a)anthracene
Concen: 11.57 ng
RT: 13.85 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

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

Tgt Ion:228 Resp: 242627

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.6
229	20.4	16.6	24.8

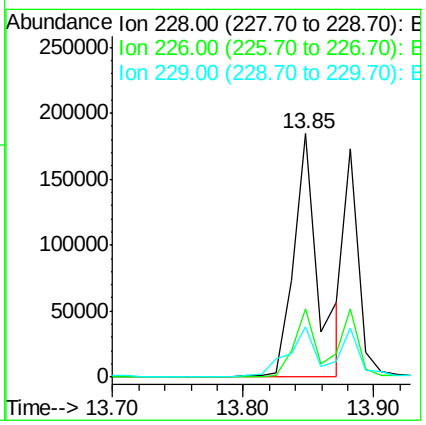


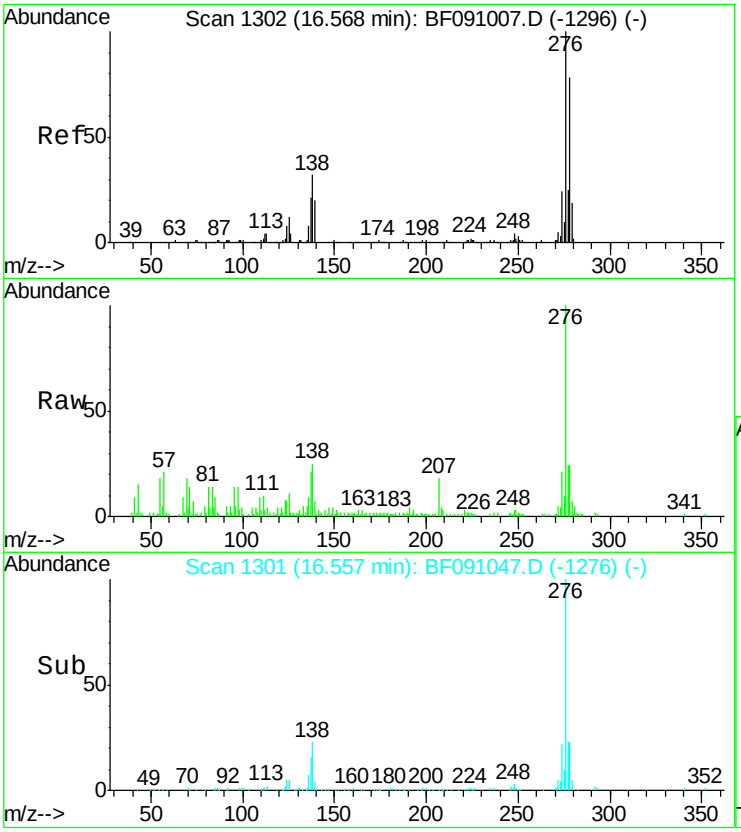


#82
Chrysene
Concen: 11.74 ng
RT: 13.85 min Scan# 1064
Delta R.T. -0.05 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

Tgt Ion:228 Resp: 242627

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.9	37.3
229	20.4	15.9	23.9



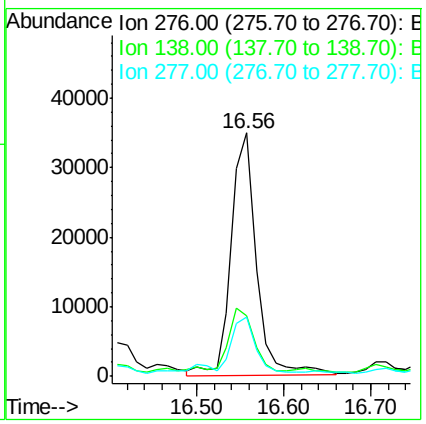


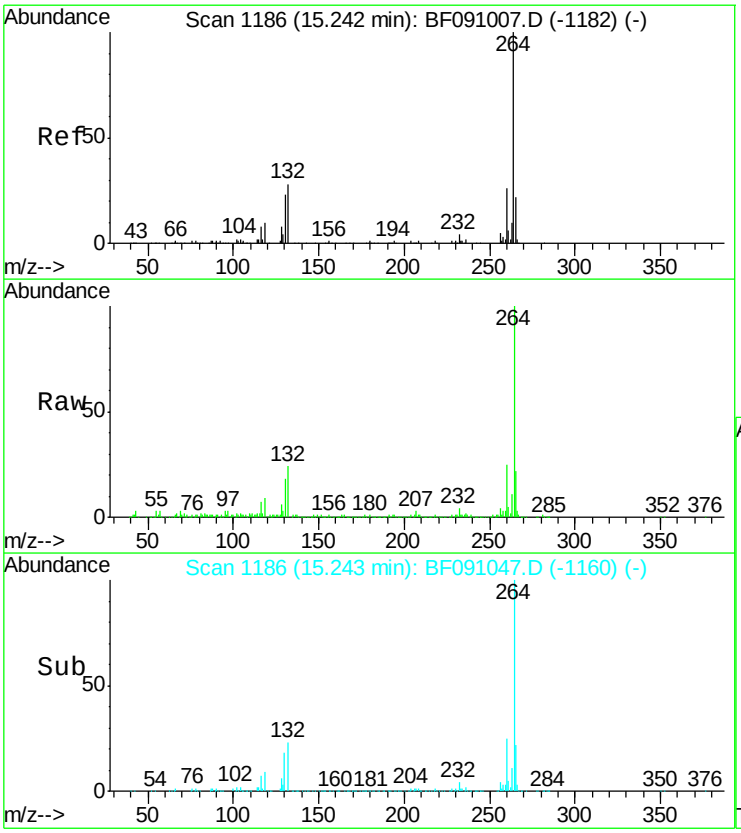
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.08 ng
RT: 16.56 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

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

Tgt Ion:276 Resp: 70059

Ion	Ratio	Lower	Upper
276	100		
138	28.6	26.0	39.0
277	25.6	20.1	30.1

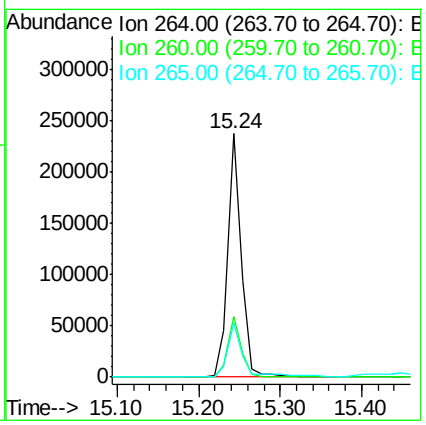


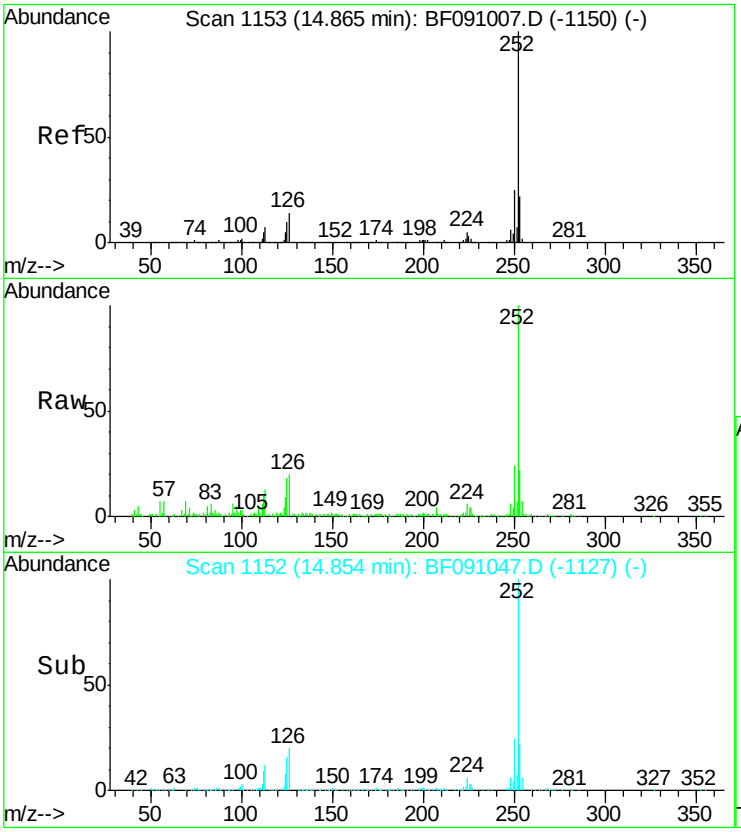


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

Tgt Ion:264 Resp: 274040

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.6	30.8
265	22.2	17.8	26.8



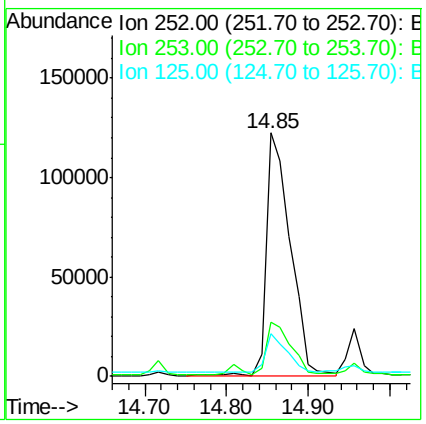


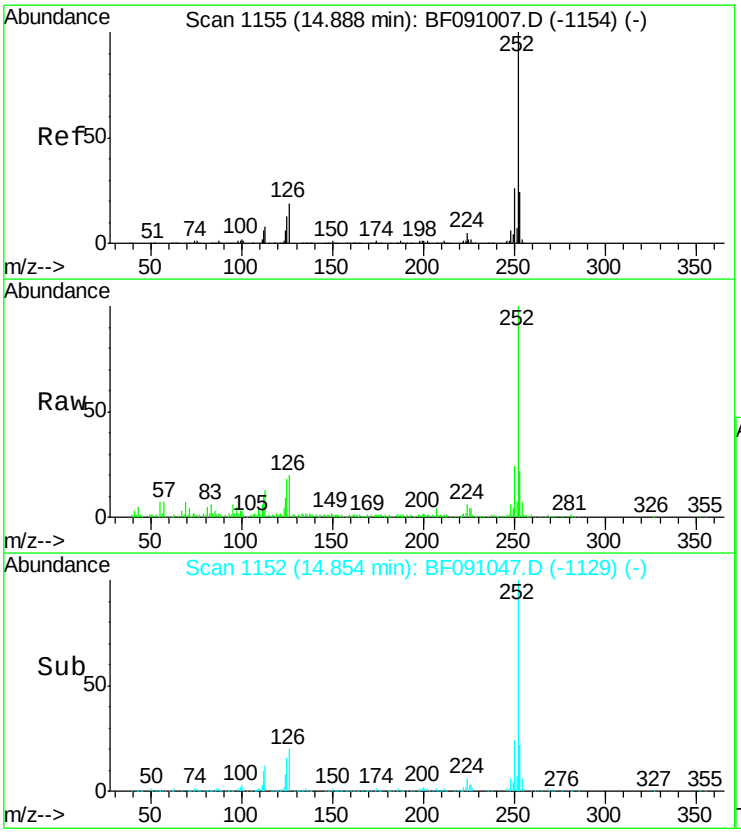
#87
Benzo(b)fluoranthene
Concen: 13.38 ng
RT: 14.85 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

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

Tgt Ion:252 Resp: 248678

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	17.7	8.3	12.5#





#88
Benzo(k)fluoranthene
Concen: 15.25 ng
RT: 14.85 min Scan# 1152
Delta R.T. -0.03 min
Lab File: BF091047.D
Acq: 5 Nov 2016 3:30

Tgt Ion:252 Resp: 248678

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	28.0
125	17.7	11.2	16.8#