Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
Data File : BF091067.D
Acq On : 7 Nov 2016 20:23
Operator : UM/SJ
Sample : H5543-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-113-0.5-1.0

Quant Time: Nov 07 23:58:00 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	164010	20.00	ng		-0.03
21) Naphthalene-d8	7.96	136	584965	20.00	ng		-0.03
38) Acenaphthene-d10	9.71	164	304390	20.00	ng		-0.03
63) Phenanthrene-d10	11.20	188	485639	20.00	ng		-0.03
75) Chrysene-d12	13.83	240	401923	20.00	ng		-0.03
86) Perylene-d12	15.22	264	379141	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1184502	119.28	ng		-0.02
7) Phenol-d6	6.33	99	1761234	130.66	ng		-0.02
23) Nitrobenzene-d5	7.24	82	537429	50.12	ng		-0.03
41) 2,4,6-Tribromophenol	10.50	330	208722	75.85	ng		-0.03
44) 2-Fluorobiphenyl	9.05	172	1736951	98.24	ng		-0.02
78) Terphenyl-d14	12.79	244	1408371	87.44	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.44	77	27667	3.70	ng		88
19) n-Nitroso-di-n-propylamine	7.24	70	70931	7.59	ng	#	71
48) Acenaphthylene	9.57	152	99648	3.79	ng		98
49) Dimethylphthalate	9.44	163	481419	24.12	ng		100
55) 4-Nitrophenol	9.92	139	4294	6.91	ng	#	1
56) 2,4-Dinitrotoluene	9.71	165	40114	7.37	ng	#	26
66) 4-Bromophenyl-phenylether	10.50	248	12422	2.46	ng	#	1
70) Phenanthrene	11.22	178	415026	16.08	ng		97
71) Anthracene	11.27	178	150266	5.47	ng		97
74) Fluoranthene	12.41	202	772363	28.85	ng		89
77) Pyrene	12.64	202	765411	29.08	ng		96
80) Benzo(a)anthracene	13.83	228	475499	20.84	ng		96
82) Chrysene	13.83	228	475499	21.13	ng		98
85) Indeno(1,2,3-cd)pyrene	16.51	276	174251	9.33	ng		93
87) Benzo(b)fluoranthene	14.83	252	677645	26.35	ng		99
88) Benzo(k)fluoranthene	14.83	252	677645	30.04	ng	#	97
89) Benzo(a)pyrene	15.16	252	377374	16.86	ng		97
90) Dibenzo(a,h)anthracene	16.67	278	40891	2.11	ng		93
91) Benzo(g,h,i)perylene	16.90	276	163008	9.31	ng	#	93

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

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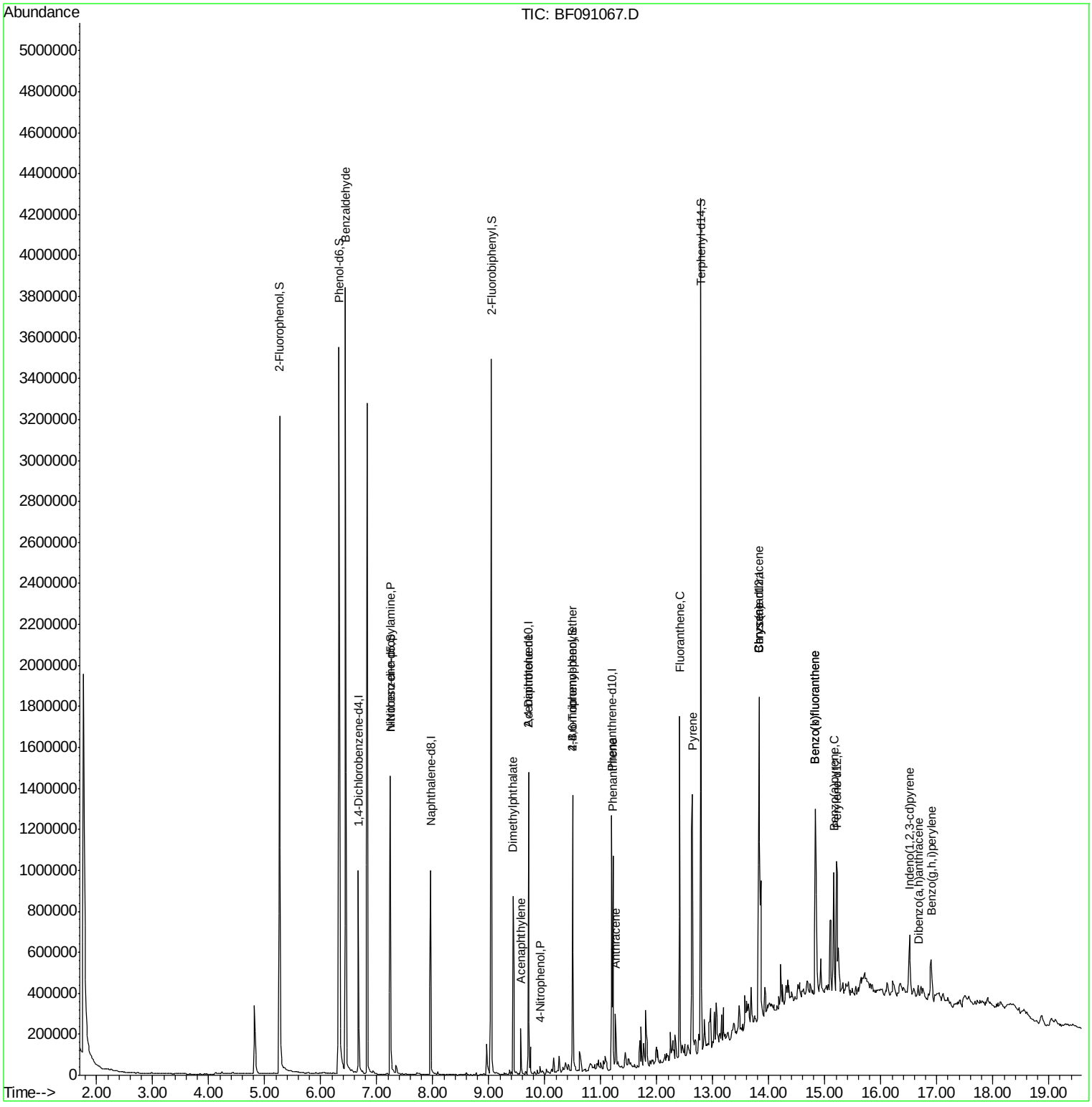
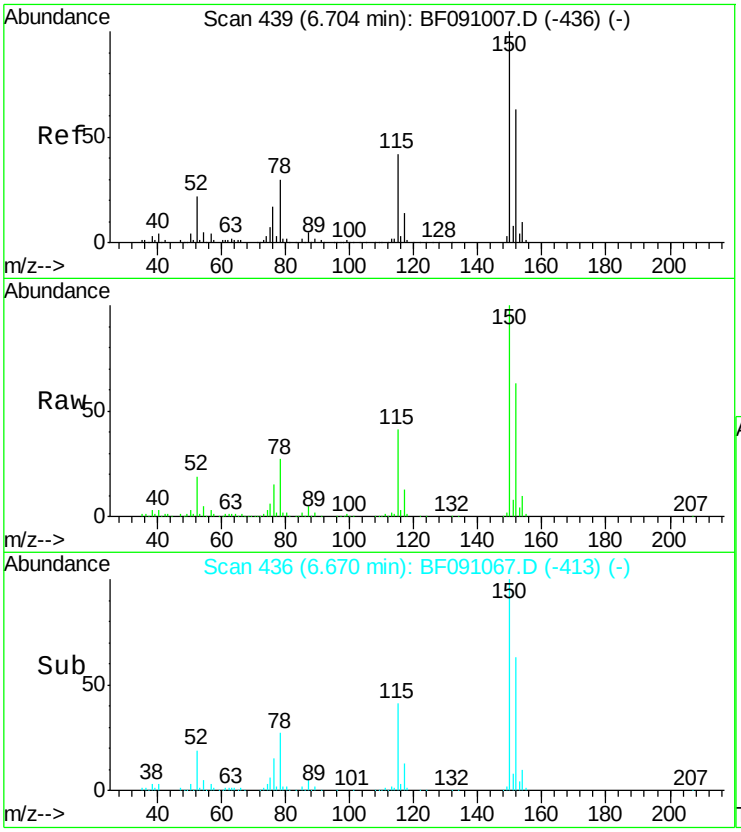


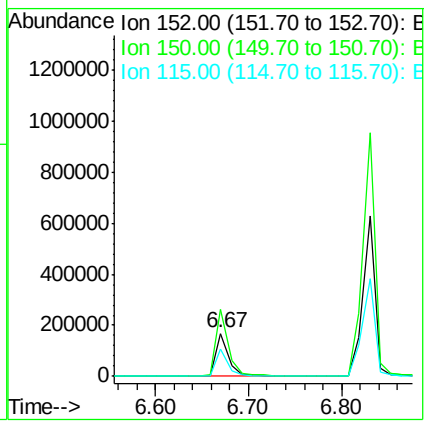


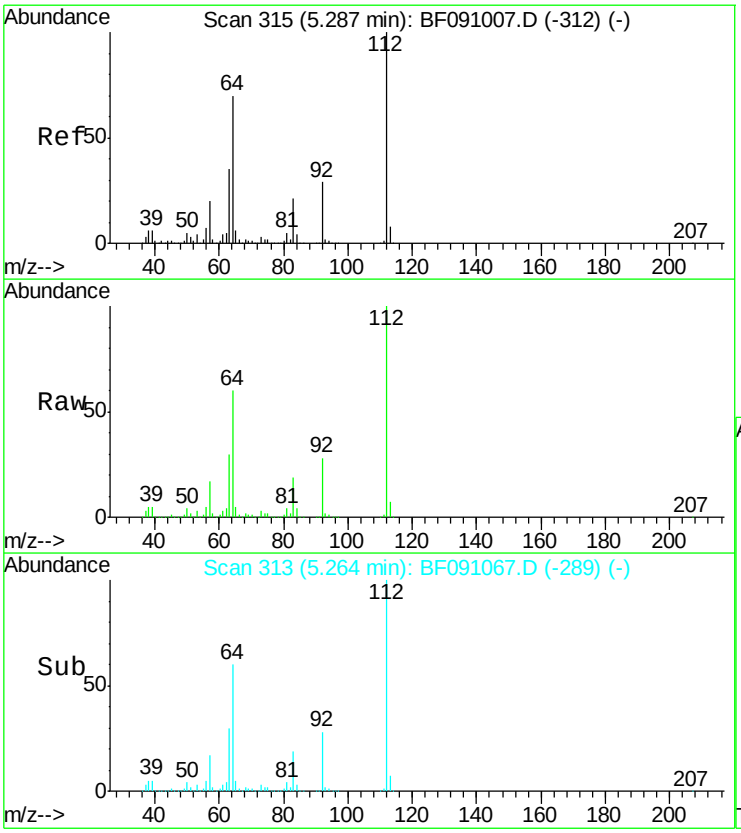
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SB-113-0.5-1.0

Tgt Ion:152 Resp: 164010

Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.8	190.2
115	65.2	53.3	79.9

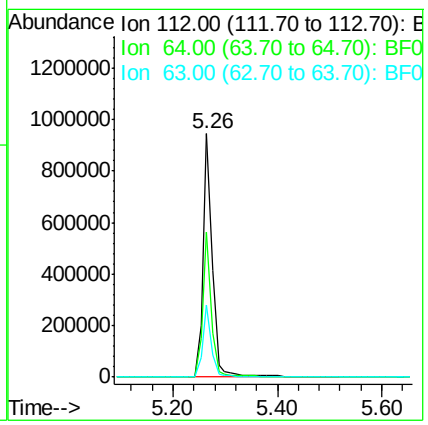


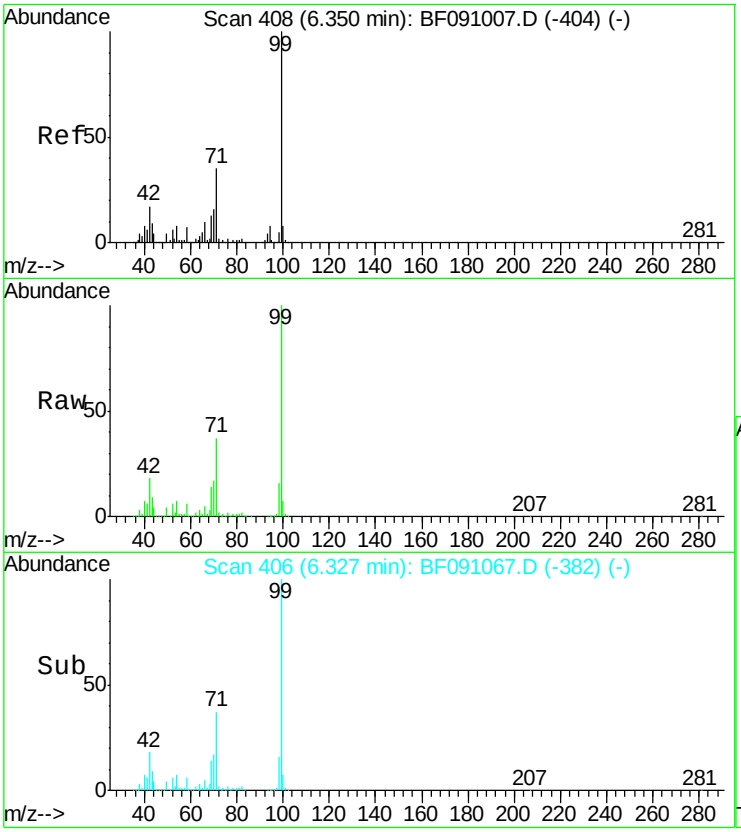


#5
2-Fluorophenol
Concen: 119.28 ng
RT: 5.26 min Scan# 313
Delta R.T. -0.02 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Tgt Ion:112 Resp: 1184502

Ion	Ratio	Lower	Upper
112	100		
64	59.5	55.8	83.6
63	29.6	28.0	42.0



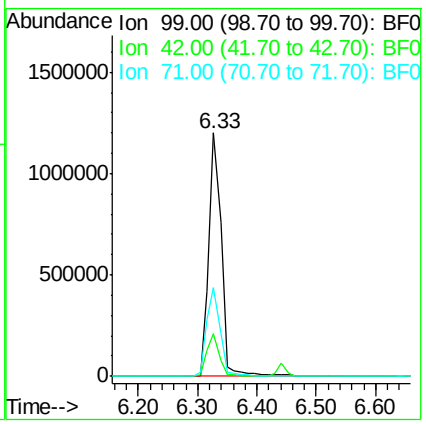


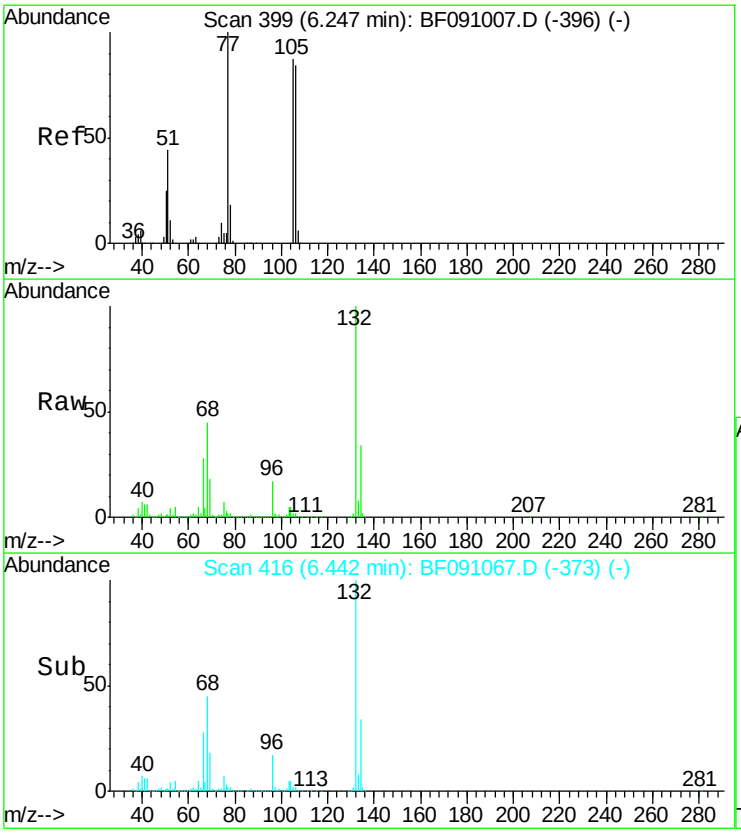
#7
Phenol-d6
Concen: 130.66 ng
RT: 6.33 min Scan# 406
Delta R.T. -0.02 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SB-113-0.5-1.0

Tgt Ion: 99 Resp: 1761234

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.9	20.9
71	36.6	27.8	41.8

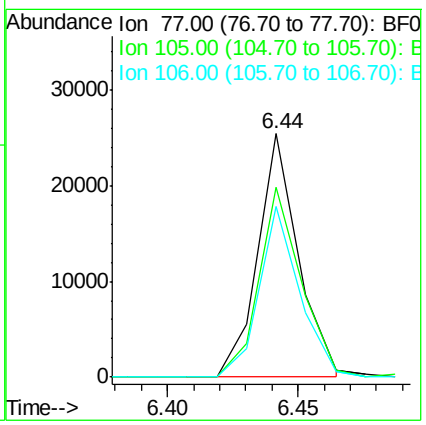


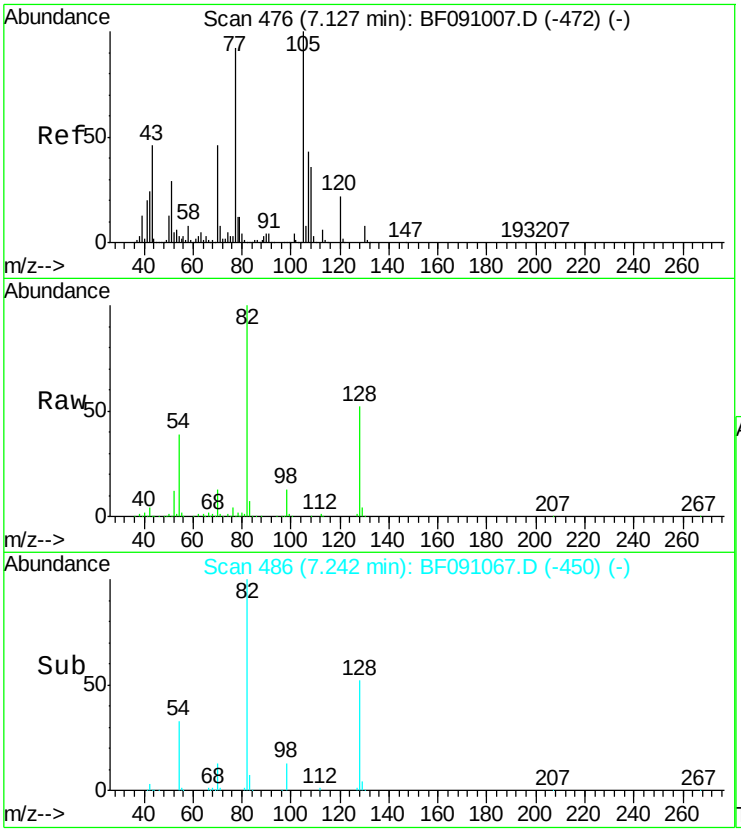


#9
Benzaldehyde
Concen: 3.70 ng
RT: 6.44 min Scan# 416
Delta R.T. 0.19 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Tgt Ion: 77 Resp: 27667

Ion	Ratio	Lower	Upper
77	100		
105	77.9	66.8	106.8
106	70.3	64.0	104.0



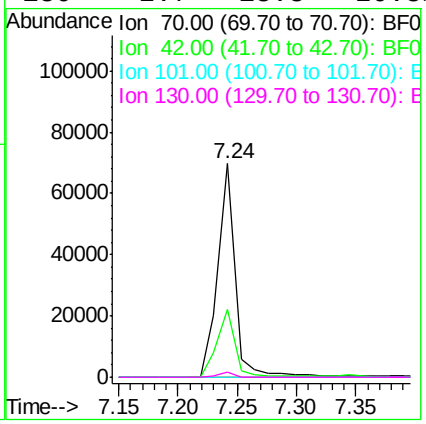


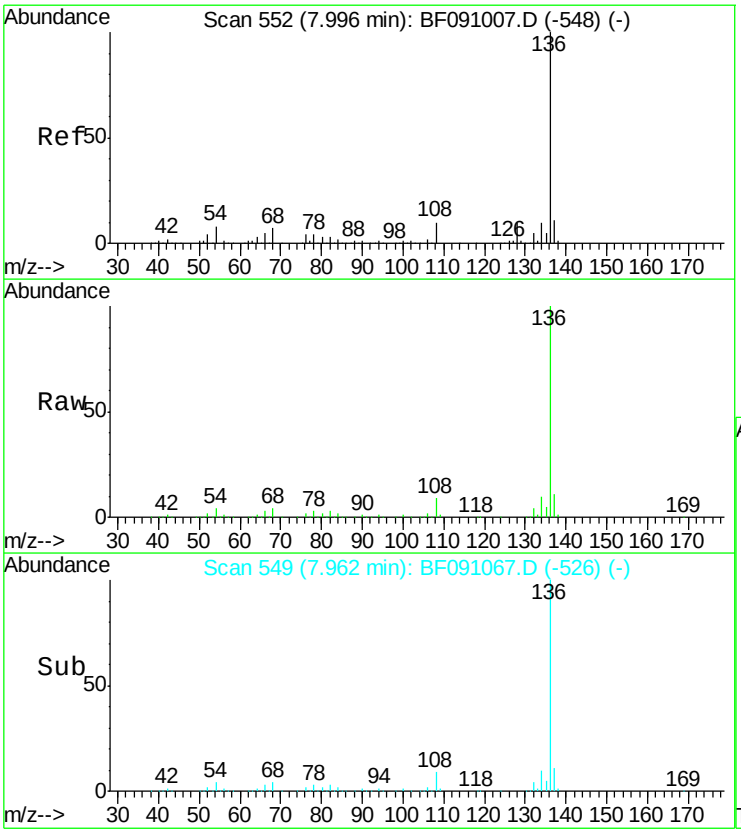
#19
n-Nitroso-di-n-propylamine
Concen: 7.59 ng
RT: 7.24 min Scan# 486
Delta R.T. 0.11 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SB-113-0.5-1.0

Tgt Ion: 70 Resp: 70931

Ion	Ratio	Lower	Upper
70	100		
42	31.9	41.7	62.5#
101	0.0	6.7	10.1#
130	2.7	13.8	20.8#

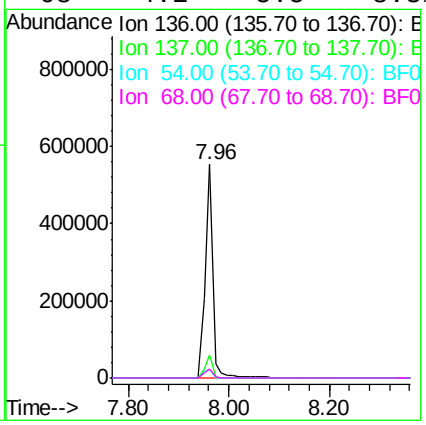


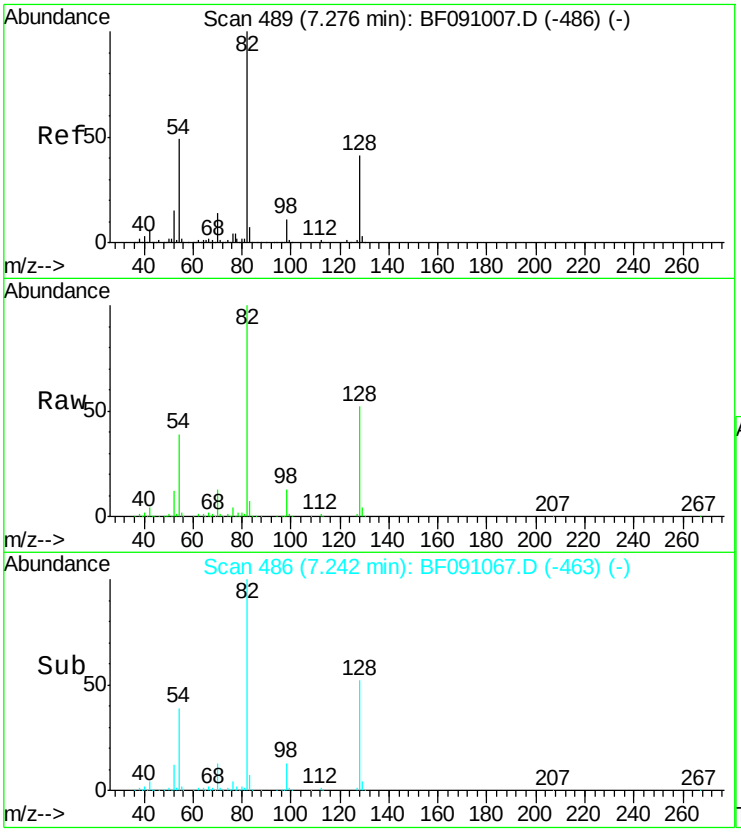


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Tgt Ion:136 Resp: 584965

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	4.1	6.2	9.2#
68	4.2	5.5	8.3#



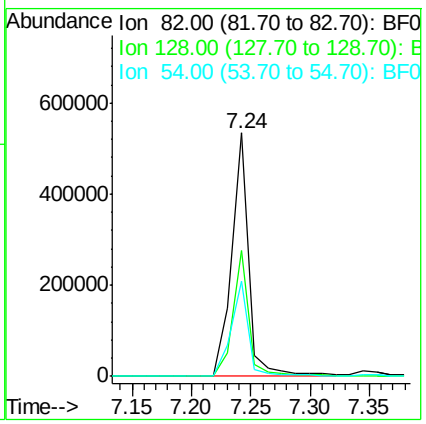


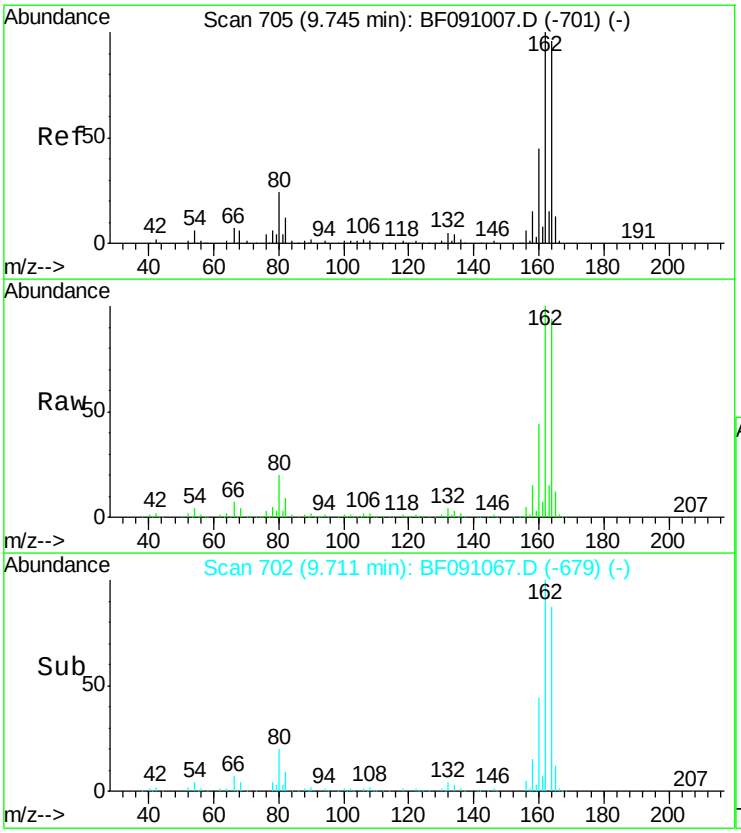
#23
Nitrobenzene-d5
Concen: 50.12 ng
RT: 7.24 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SB-113-0.5-1.0

Tgt Ion: 82 Resp: 537429

Ion	Ratio	Lower	Upper
82	100		
128	51.8	32.4	48.6#
54	38.9	39.2	58.8#

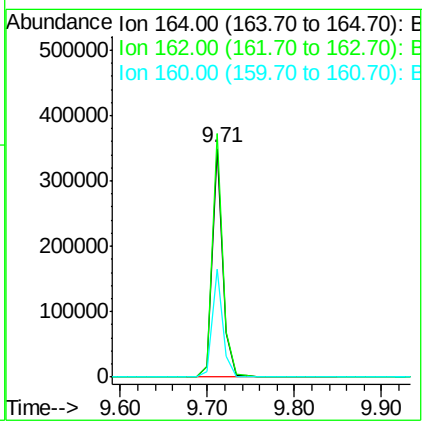


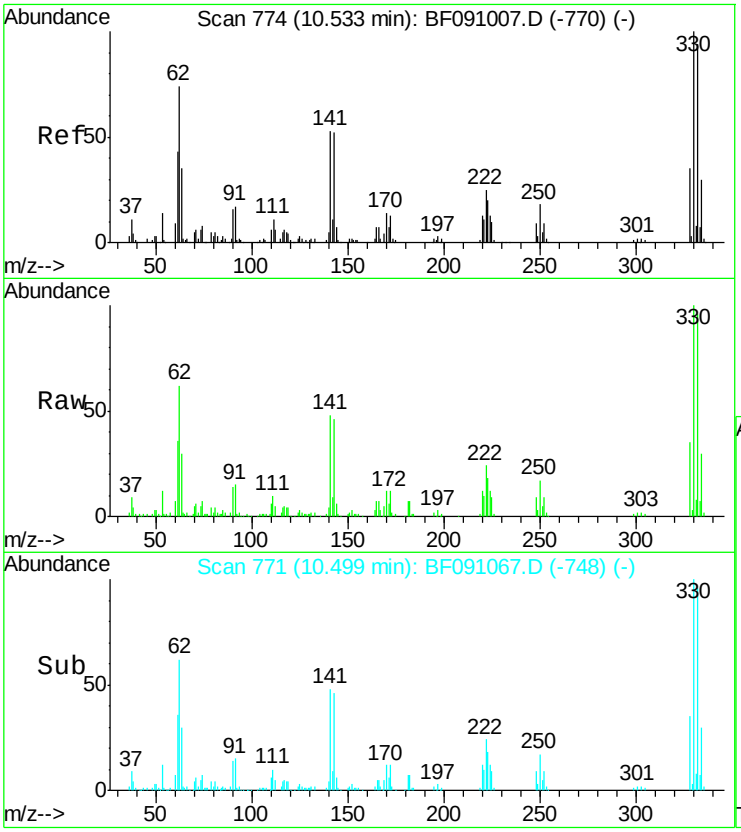


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Tgt Ion:164 Resp: 304390

Ion	Ratio	Lower	Upper
164	100		
162	106.5	83.6	125.4
160	46.9	37.9	56.9



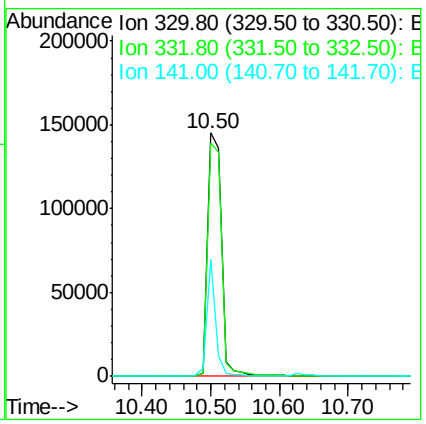


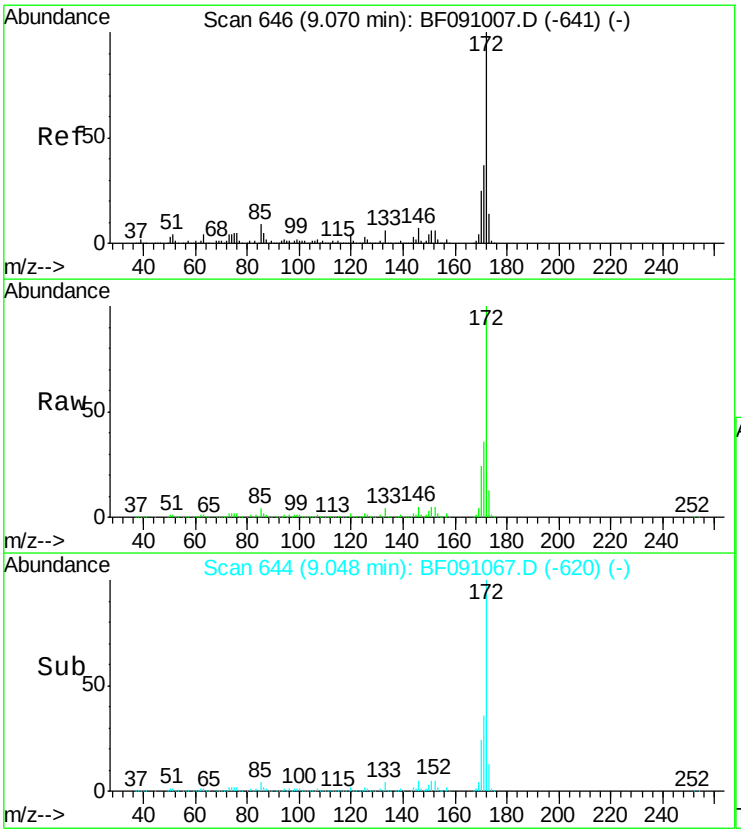
#41
2,4,6-Tribromophenol
Concen: 75.85 ng
RT: 10.50 min Scan# 771
Delta R.T. -0.03 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SB-113-0.5-1.0

Tgt Ion:330 Resp: 208722

Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.9	113.9
141	31.1	36.1	54.1#

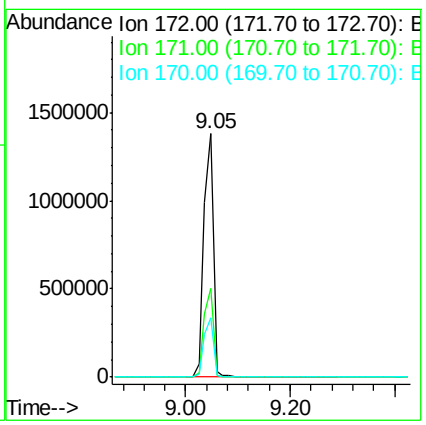


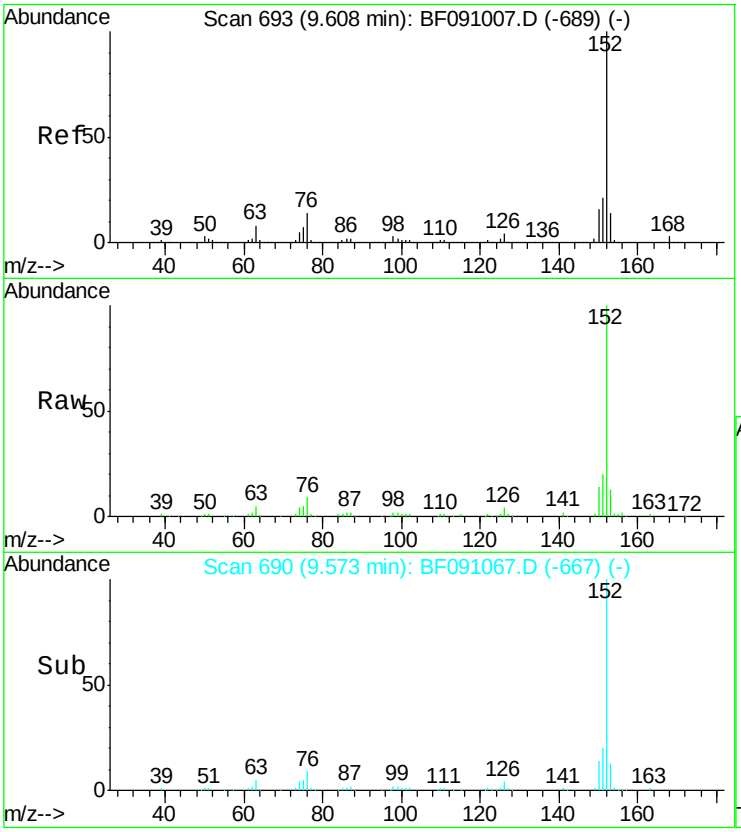


#44
2-Fluorobiphenyl
Concen: 98.24 ng
RT: 9.05 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Tgt Ion:172 Resp: 1736951

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.6
170	24.5	20.3	30.5



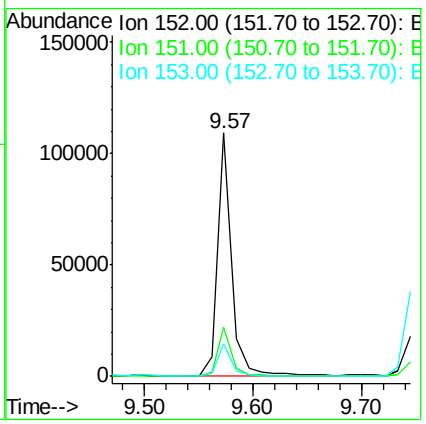


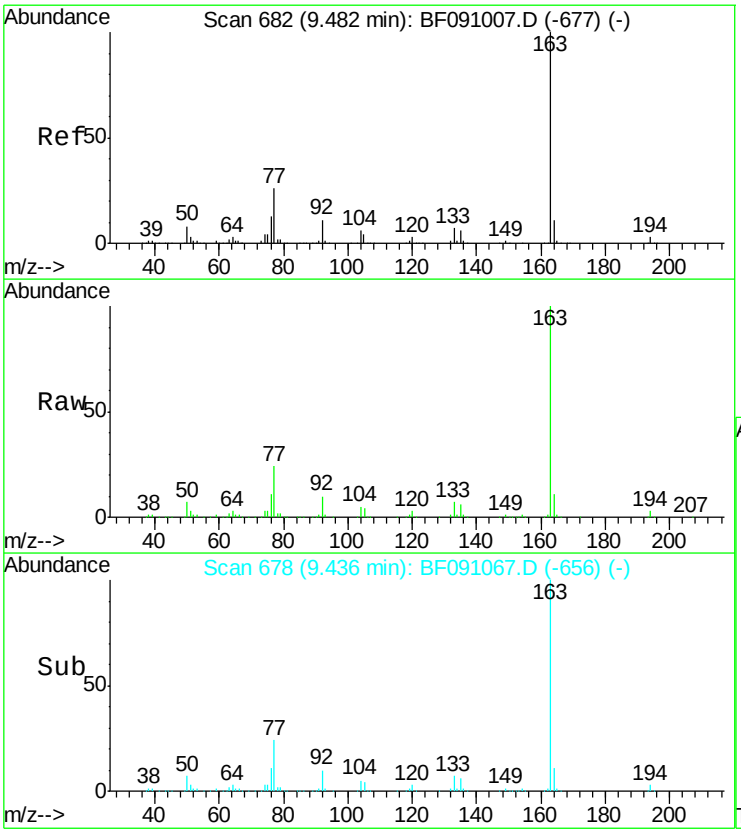
#48
Acenaphthylene
Concen: 3.79 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SB-113-0.5-1.0

Tgt Ion:152 Resp: 99648

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.7	25.1
153	13.3	11.1	16.7

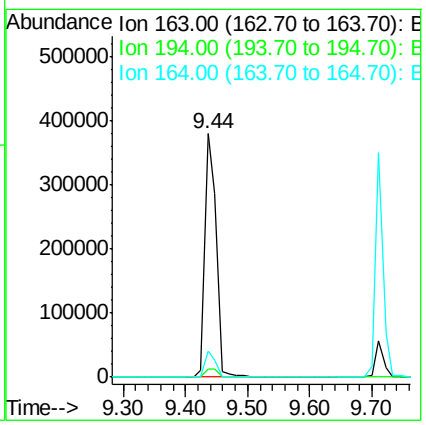


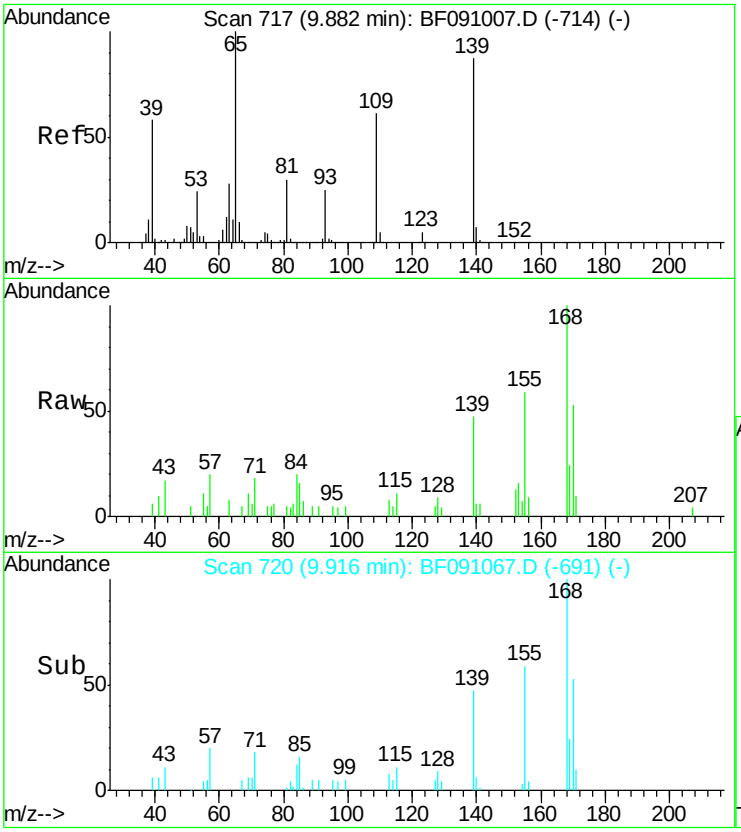


#49
Dimethylphthalate
Concen: 24.12 ng
RT: 9.44 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Tgt Ion:163 Resp: 481419

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.9	8.7	13.1



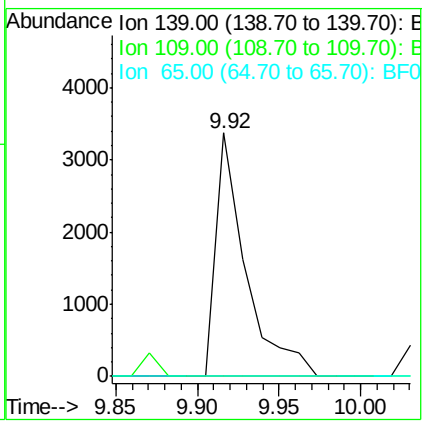


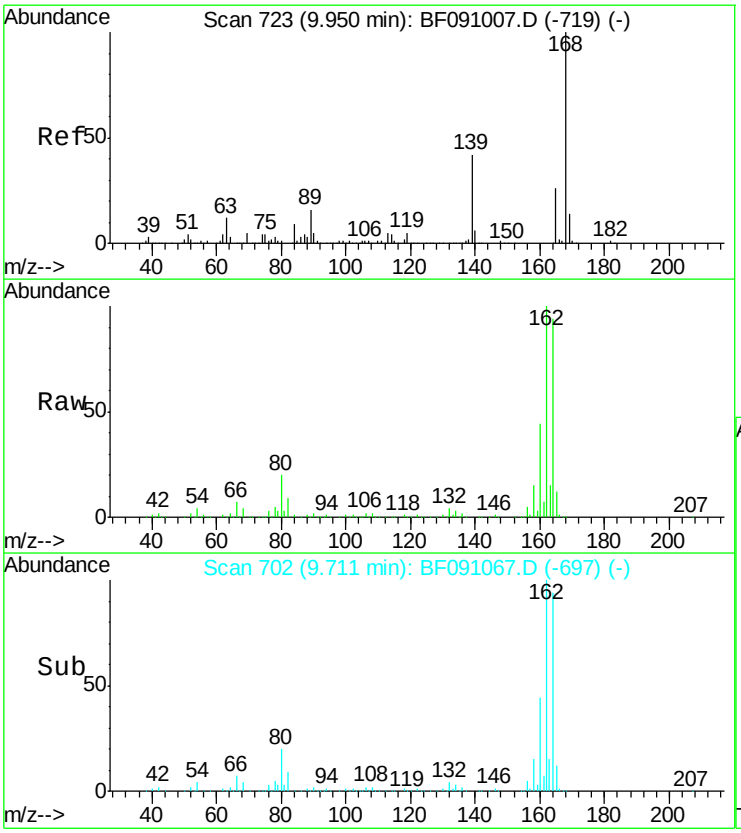
#55
4-Nitrophenol
Concen: 6.91 ng
RT: 9.92 min Scan# 720
Delta R.T. 0.04 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SB-113-0.5-1.0

Tgt Ion:139 Resp: 4294

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

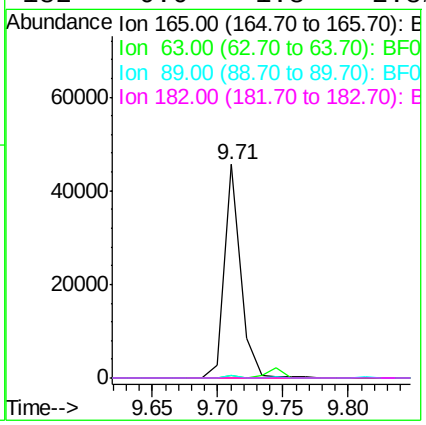


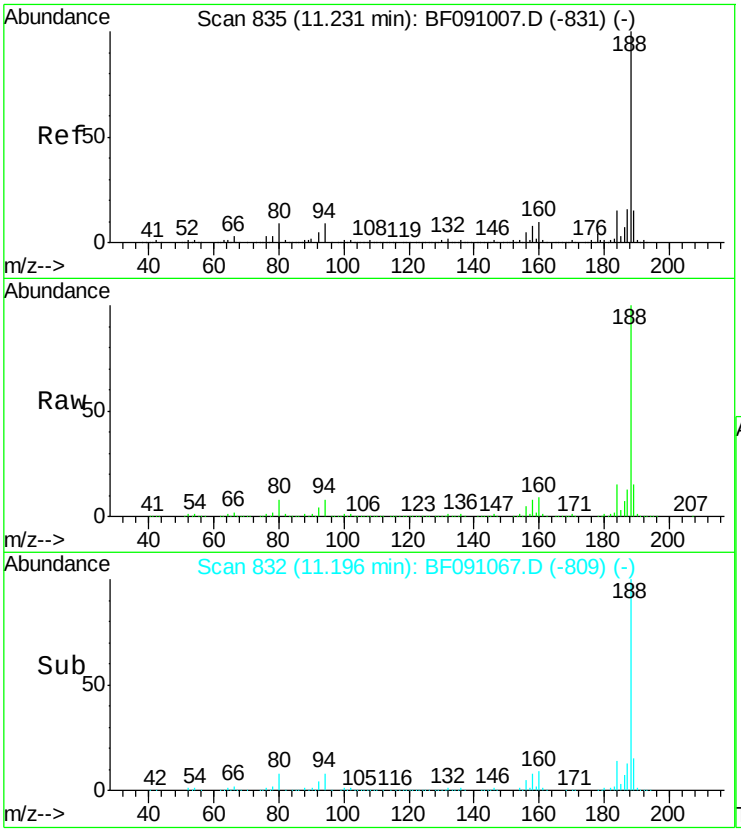


#56
2,4-Dinitrotoluene
Concen: 7.37 ng
RT: 9.71 min Scan# 702
Delta R.T. -0.24 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Tgt Ion:165 Resp: 40114

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



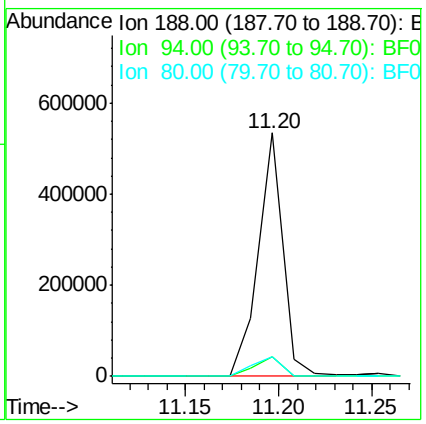


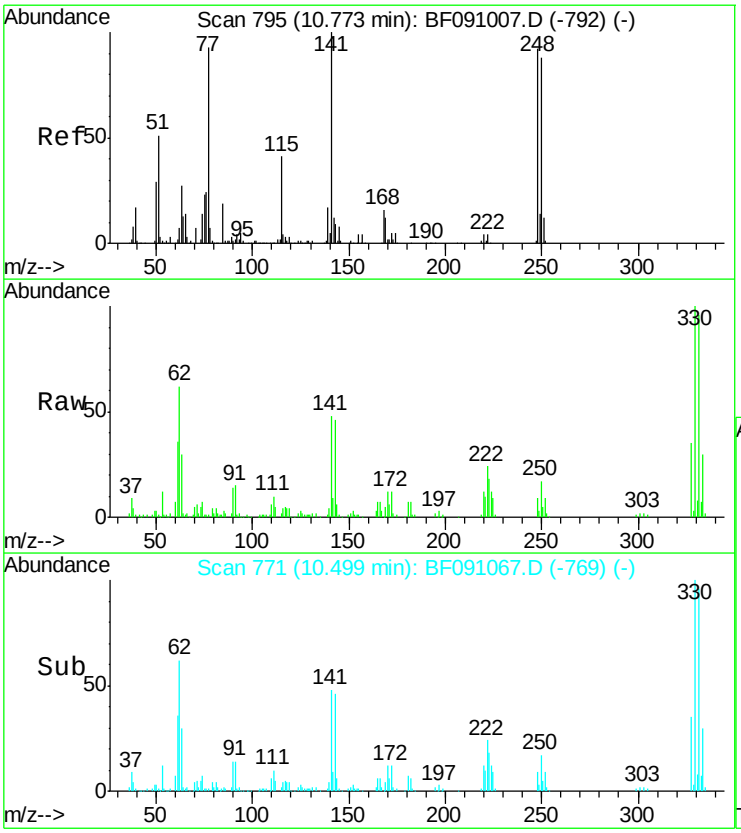
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 832
Delta R.T. -0.03 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SB-113-0.5-1.0

Tgt Ion:188 Resp: 485639

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.0	10.4
80	8.3	7.5	11.3

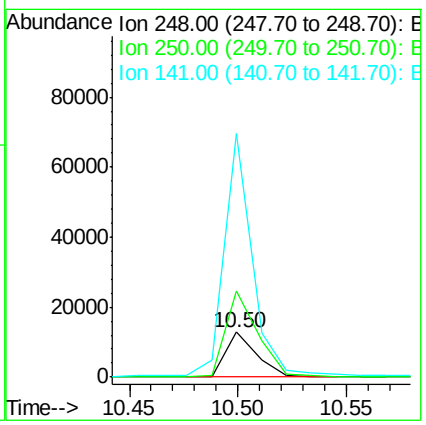


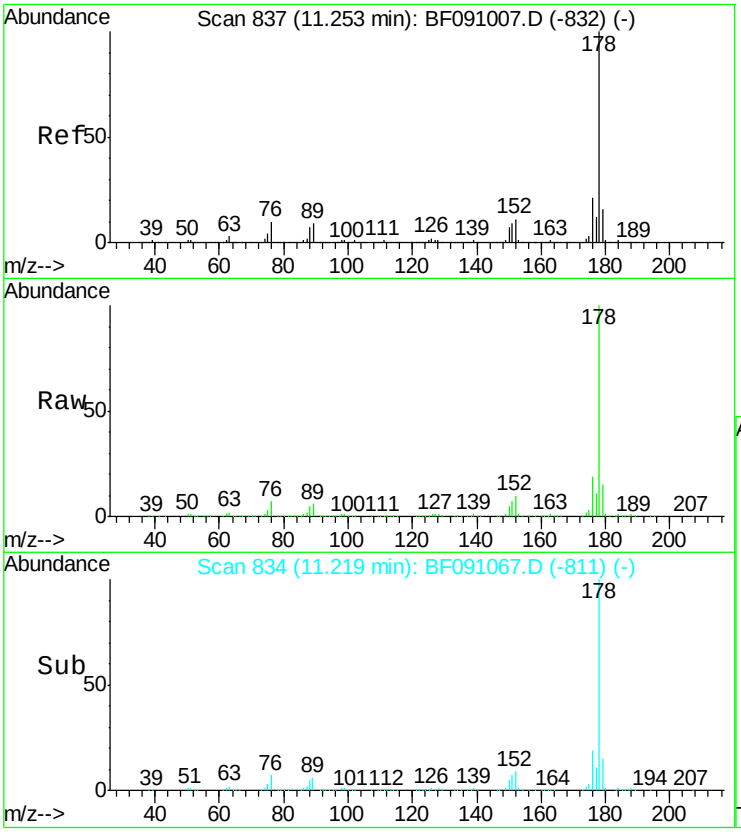


#66
4-Bromophenyl-phenylether
Concen: 2.46 ng
RT: 10.50 min Scan# 771
Delta R.T. -0.27 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Tgt Ion:248 Resp: 12422

Ion	Ratio	Lower	Upper
248	100		
250	192.7	76.3	114.5#
141	540.5	86.8	130.2#



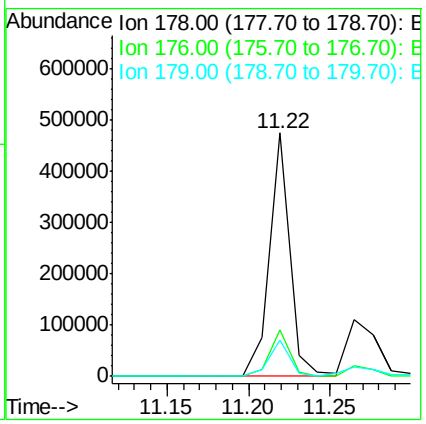


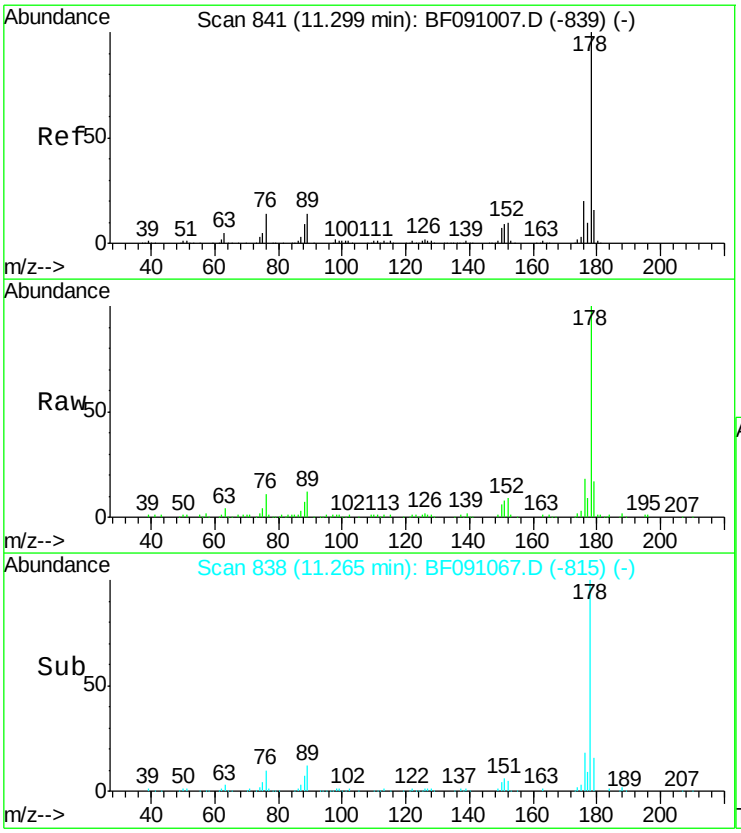
#70
Phenanthrene
Concen: 16.08 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.03 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SB-113-0.5-1.0

Tgt Ion:178 Resp: 415026

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.6	25.0
179	15.0	12.9	19.3

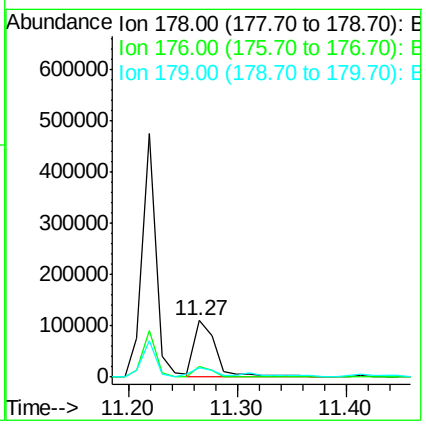


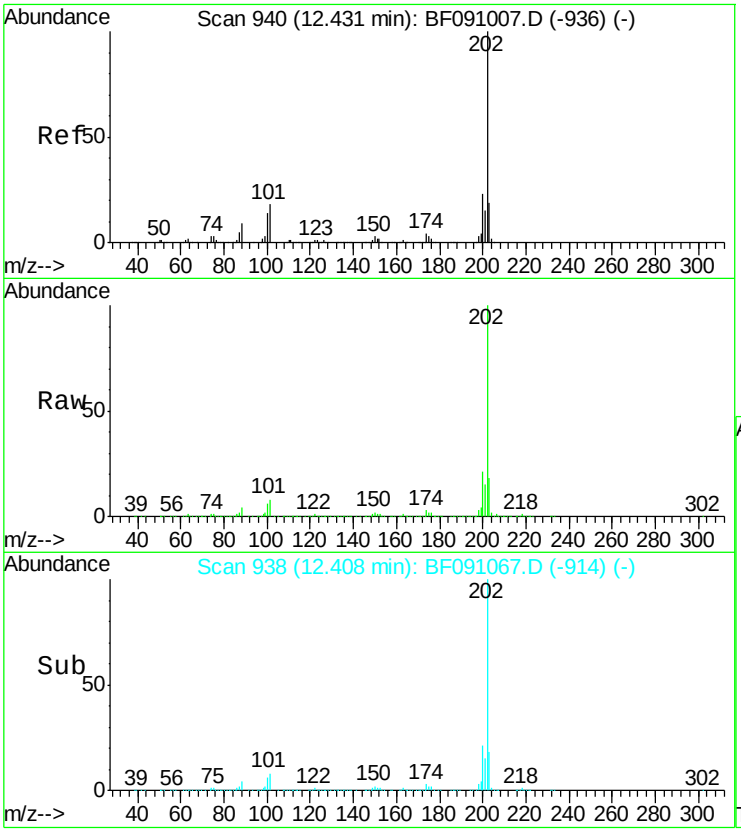


#71
Anthracene
Concen: 5.47 ng
RT: 11.27 min Scan# 838
Delta R.T. -0.03 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Tgt Ion:178 Resp: 150266

Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.0	24.0
179	16.7	13.0	19.6



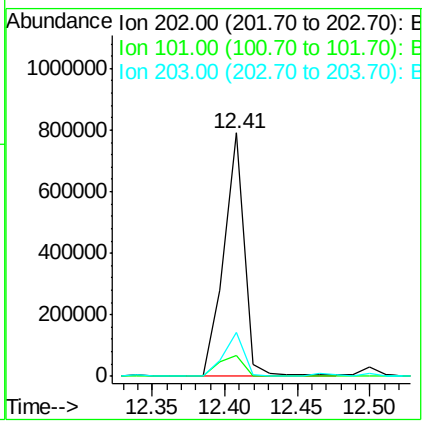


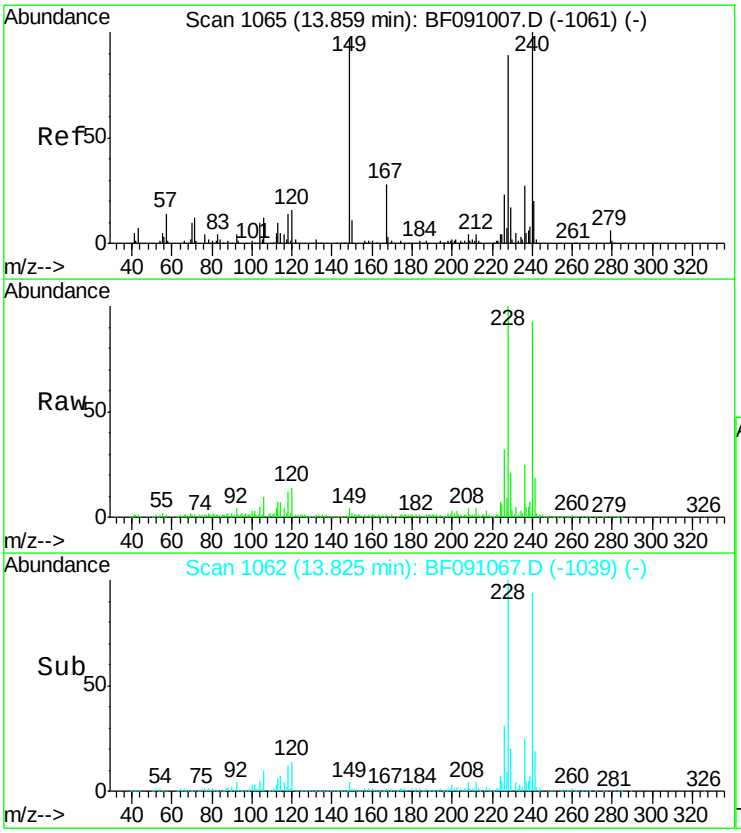
#74
Fluoranthene
Concen: 28.85 ng
RT: 12.41 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SB-113-0.5-1.0

Tgt Ion:202 Resp: 772363

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	37.6
203	18.1	0.0	38.6

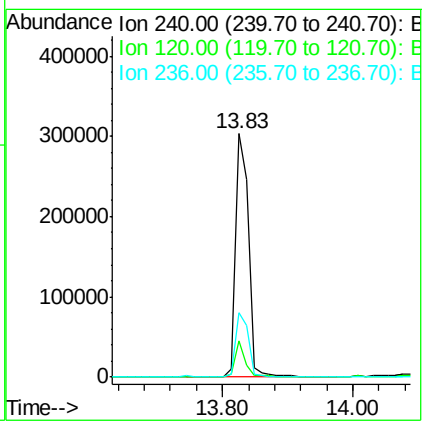


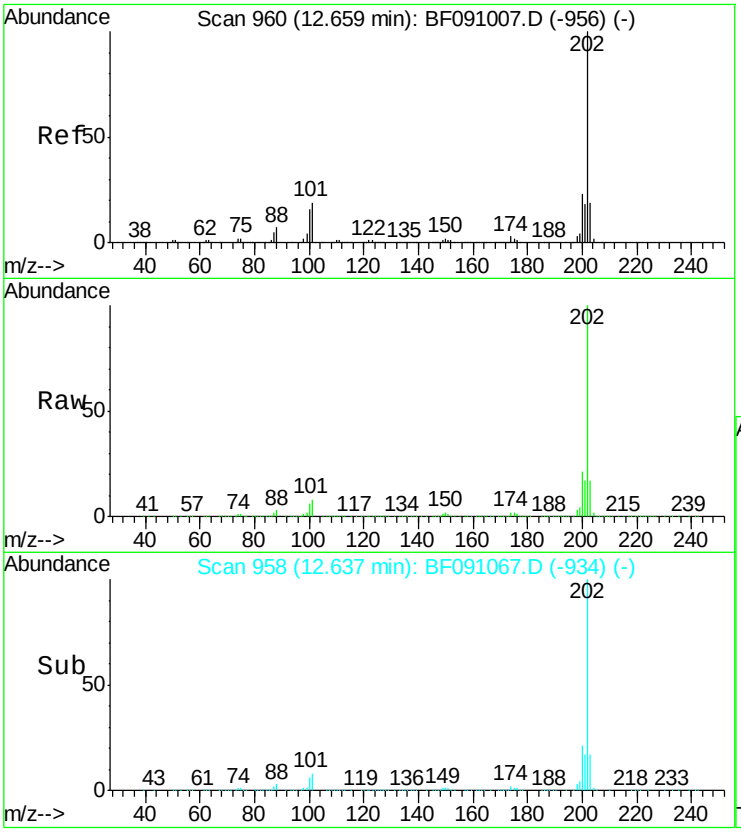


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1062
Delta R.T. -0.03 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Tgt Ion:240 Resp: 401923

Ion	Ratio	Lower	Upper
240	100		
120	14.8	12.9	19.3
236	26.6	21.9	32.9



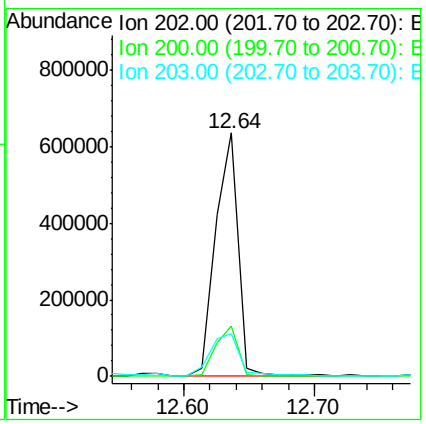


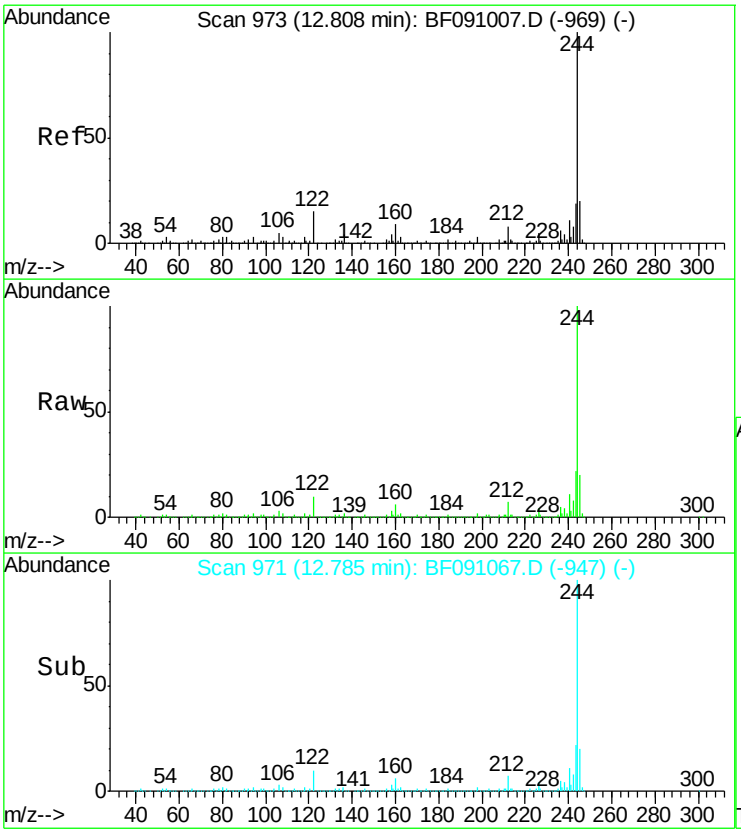
#77
Pyrene
Concen: 29.08 ng
RT: 12.64 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SB-113-0.5-1.0

Tgt Ion:202 Resp: 765411

Ion	Ratio	Lower	Upper
202	100		
200	20.9	18.4	27.6
203	17.5	15.0	22.6

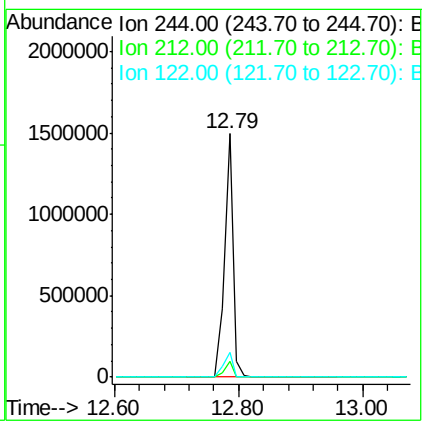


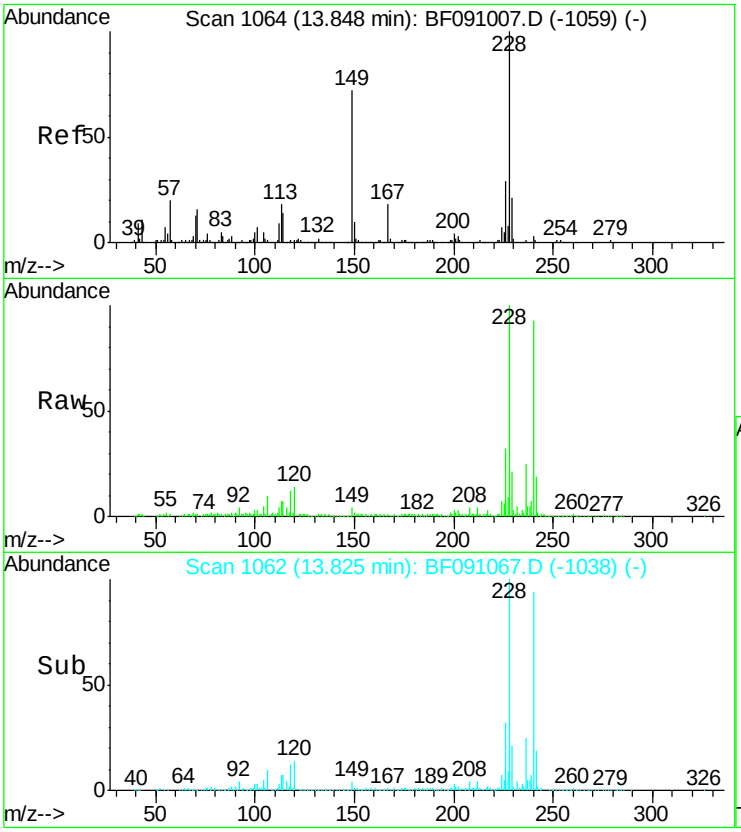


#78
Terphenyl-d14
Concen: 87.44 ng
RT: 12.79 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Tgt Ion:244 Resp: 1408371

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.4	9.6
122	10.1	12.3	18.5#



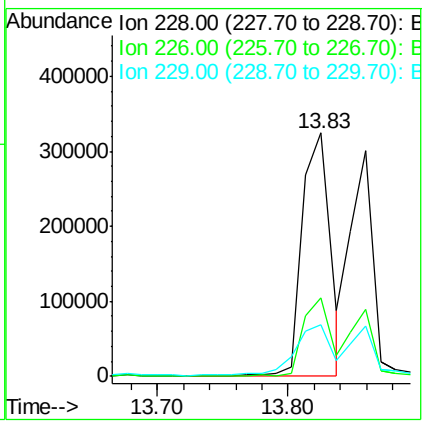


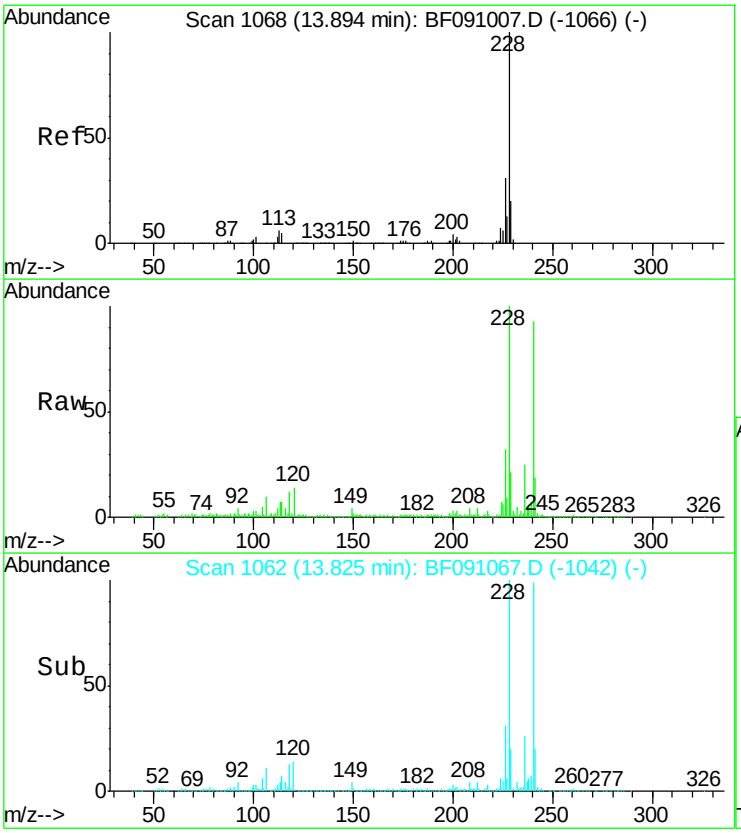
#80
Benzo(a)anthracene
Concen: 20.84 ng
RT: 13.83 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SB-113-0.5-1.0

Tgt Ion:228 Resp: 475499

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.0	34.6
229	21.1	16.6	24.8

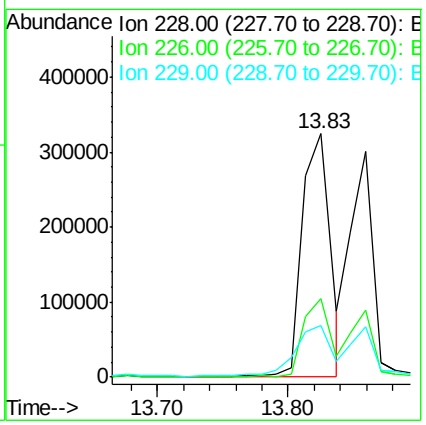


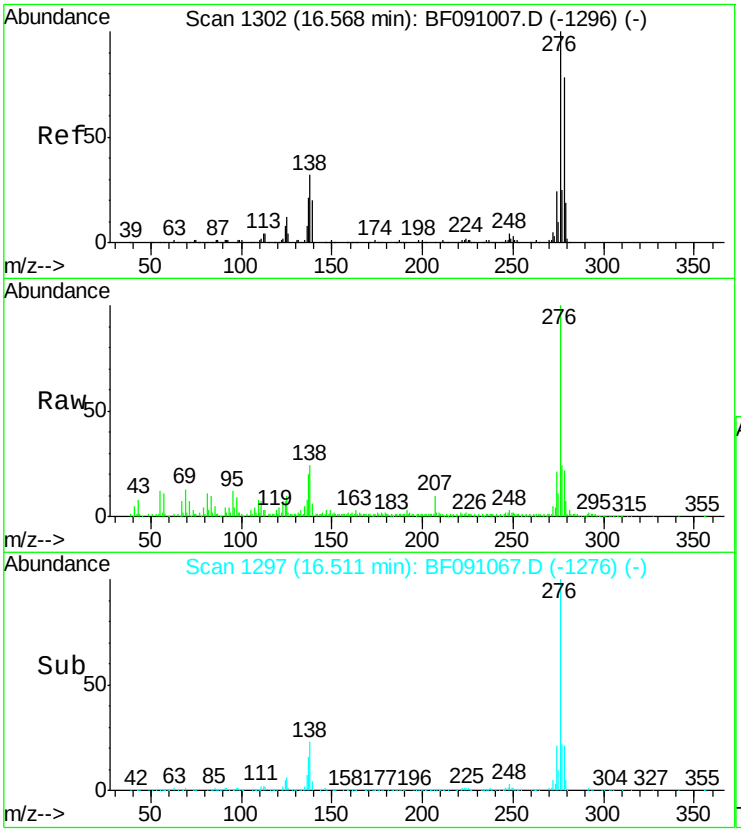


#82
Chrysene
Concen: 21.13 ng
RT: 13.83 min Scan# 1062
Delta R.T. -0.07 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Tgt Ion:228 Resp: 475499

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	21.1	15.9	23.9



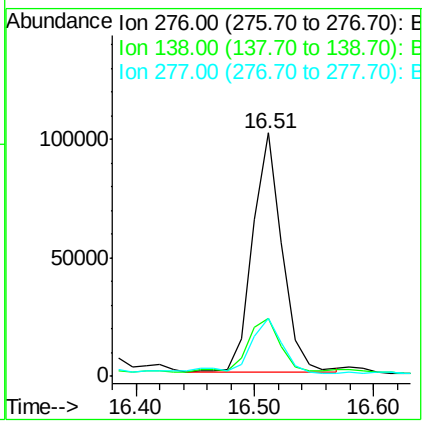


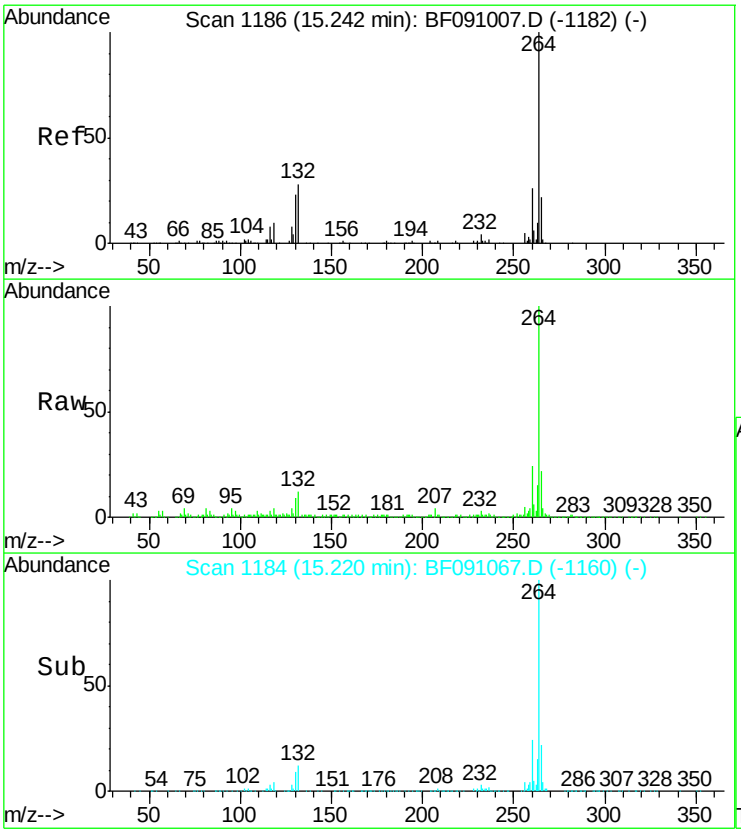
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.33 ng
RT: 16.51 min Scan# 1297
Delta R.T. -0.06 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SB-113-0.5-1.0

Tgt Ion:276 Resp: 174251

Ion	Ratio	Lower	Upper
276	100		
138	26.9	26.0	39.0
277	26.6	20.1	30.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF091067.D
Acq: 7 Nov 2016 20:23

Tgt Ion:264 Resp: 379141

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.6	30.8
265	22.3	17.8	26.8