Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
Data File : BF091483.D
Acq On : 7 Dec 2016 21:39
Operator : UM/SJ
Sample : H5869-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP17-18-COMP4

Quant Time: Dec 08 00:26:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	169495	20.00	ng		-0.04
21) Naphthalene-d8	8.12	136	677135	20.00	ng		-0.05
38) Acenaphthene-d10	9.86	164	356539	20.00	ng		-0.05
63) Phenanthrene-d10	11.35	188	664674	20.00	ng		-0.05
75) Chrysene-d12	13.98	240	424989	20.00	ng		-0.06
86) Perylene-d12	15.40	264	386223	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1027901	99.07	ng		-0.03
7) Phenol-d6	6.47	99	1305729	102.23	ng		-0.03
23) Nitrobenzene-d5	7.40	82	828167	68.54	ng		-0.05
41) 2,4,6-Tribromophenol	10.65	330	445480	131.98	ng		-0.05
44) 2-Fluorobiphenyl	9.20	172	1671604	84.89	ng		-0.04
78) Terphenyl-d14	12.94	244	1402439	71.72	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.61	77	31412	3.82	ng		95
10) Phenol	6.48	94	120487	8.02	ng		98
17) 2-Methylphenol	7.24	107	55737	6.20	ng	#	90
19) n-Nitroso-di-n-propylamine	7.40	70	117736	14.63	ng	#	74
20) 3+4-Methylphenols	7.24	107	55737	5.08	ng		90
31) Naphthalene	8.14	128	184792	5.74	ng		98
49) Dimethylphthalate	9.59	163	148134	6.86	ng		98
56) 2,4-Dinitrotoluene	9.86	165	47581	7.60	ng	#	34
66) 4-Bromophenyl-phenylether	10.65	248	26111	3.65	ng	#	1
70) Phenanthrene	11.37	178	212417	6.15	ng		98
74) Fluoranthene	12.56	202	266016	8.13	ng		94
77) Pyrene	12.78	202	265491	8.23	ng		97
80) Benzo(a)anthracene	13.97	228	132599	5.34	ng		96
82) Chrysene	14.00	228	91219	3.71	ng		95
85) Indeno(1,2,3-cd)pyrene	16.77	276	88949	3.95	ng	#	91
87) Benzo(b)fluoranthene	15.00	252	205206	8.55	ng	#	97
88) Benzo(k)fluoranthene	15.00	252	205206	10.17	ng	#	96
91) Benzo(g,h,i)perylene	17.18	276	93781	4.56	ng		98

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

Quantitation Report (Not Reviewed)

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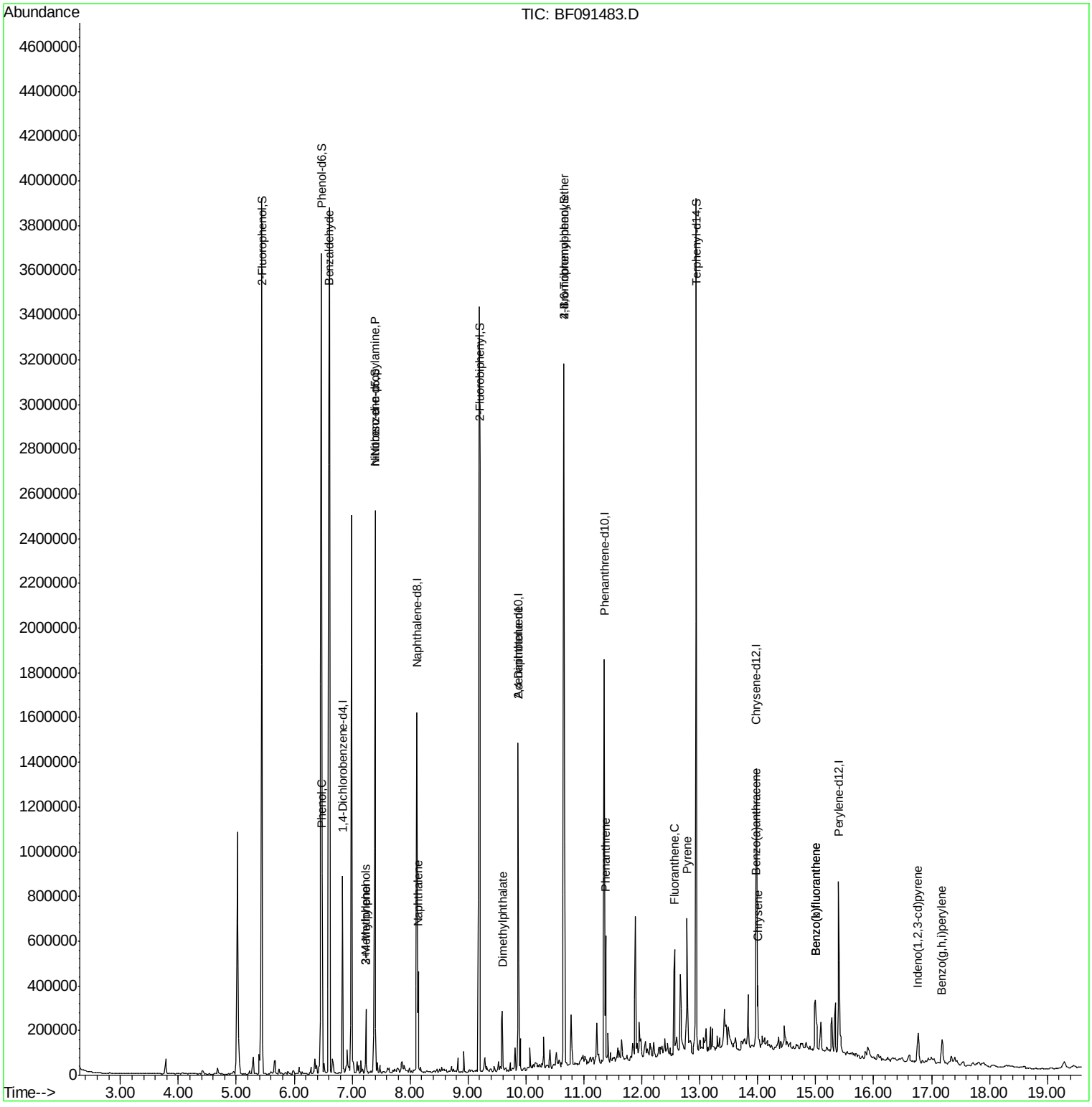
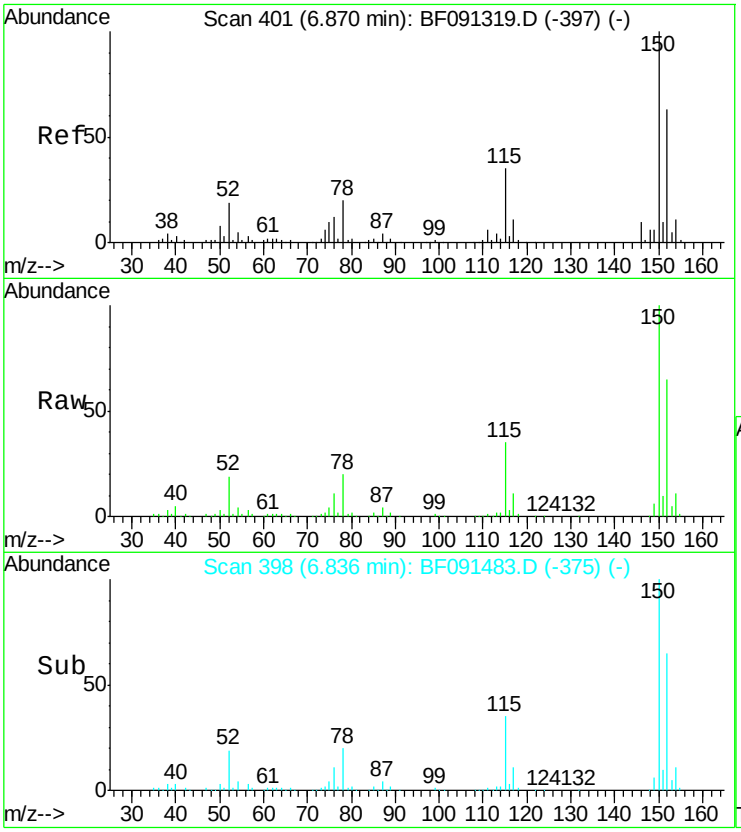


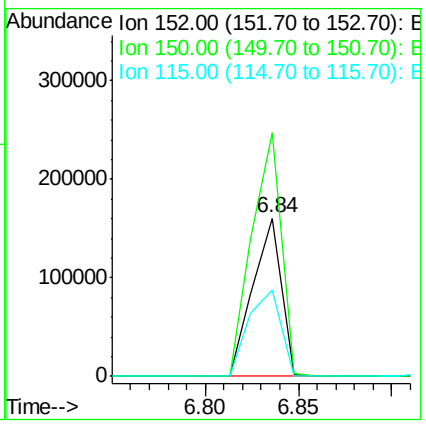


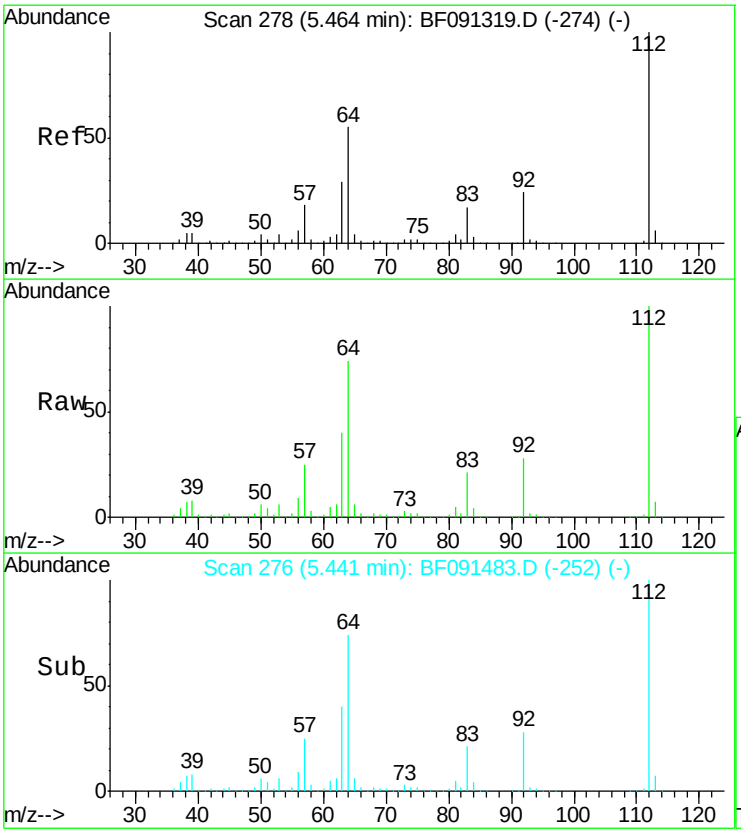
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.04 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4

Tgt Ion:152 Resp: 169495

Ion	Ratio	Lower	Upper
152	100		
150	154.0	122.5	183.7
115	54.4	51.8	77.8

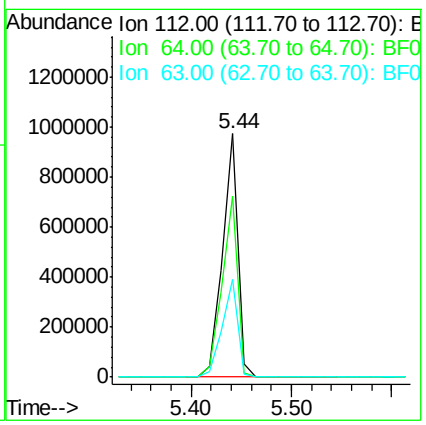


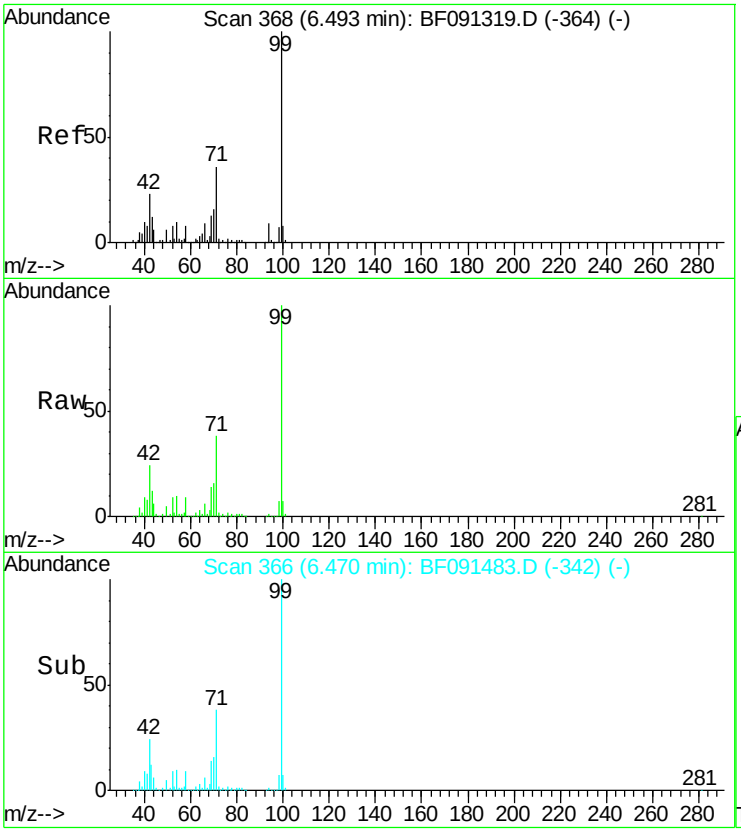


#5
2-Fluorophenol
Concen: 99.07 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.03 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Tgt Ion:112 Resp: 1027901

Ion	Ratio	Lower	Upper
112	100		
64	74.4	61.5	92.3
63	40.1	33.3	49.9



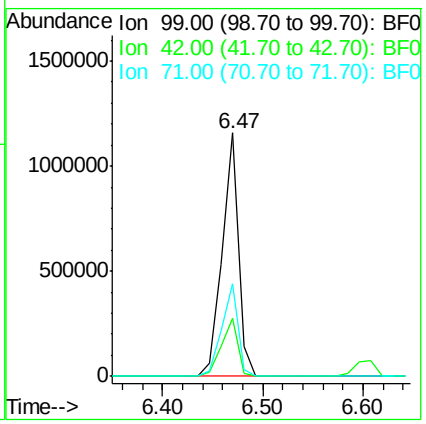


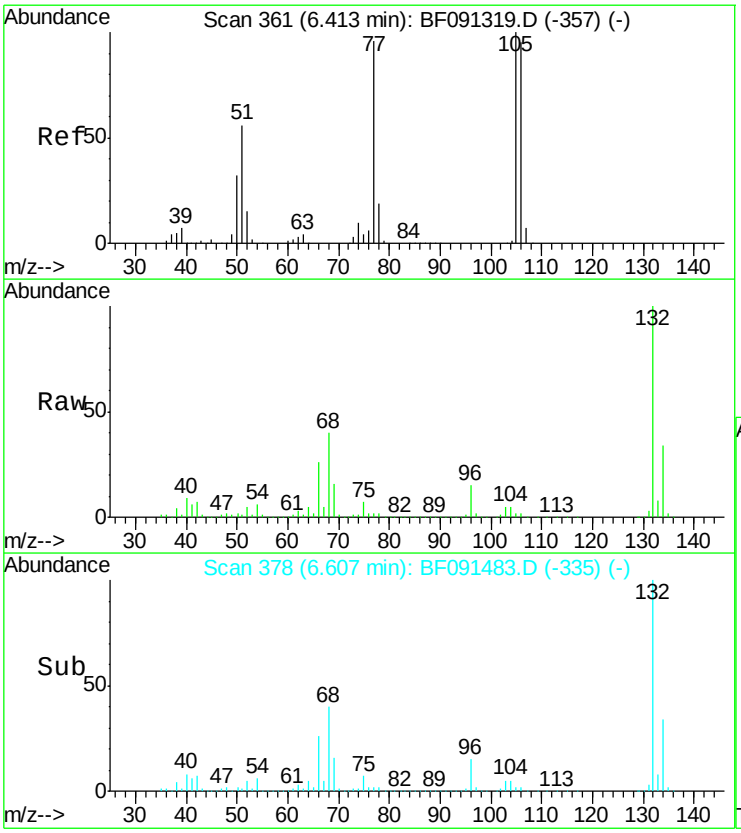
#7
Phenol-d6
Concen: 102.23 ng
RT: 6.47 min Scan# 366
Delta R.T. -0.03 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4

Tgt Ion: 99 Resp: 1305729

Ion	Ratio	Lower	Upper
99	100		
42	23.8	20.6	31.0
71	38.2	29.9	44.9

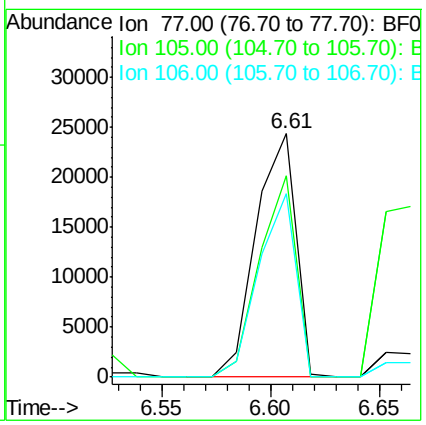


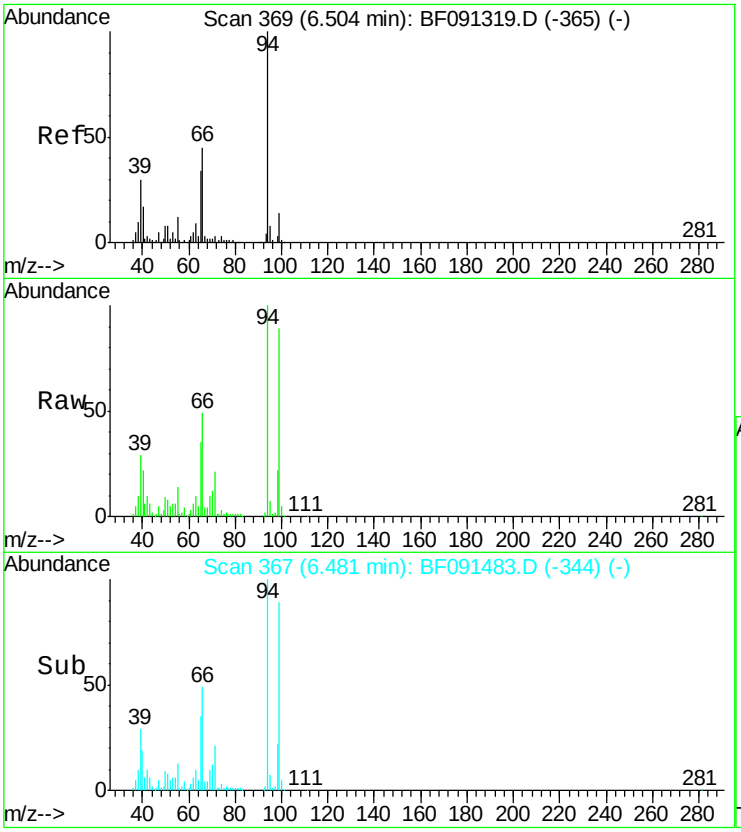


#9
Benzaldehyde
Concen: 3.82 ng
RT: 6.61 min Scan# 378
Delta R.T. 0.19 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Tgt Ion: 77 Resp: 31412

Ion	Ratio	Lower	Upper
77	100		
105	82.8	66.4	106.4
106	75.4	60.9	100.9



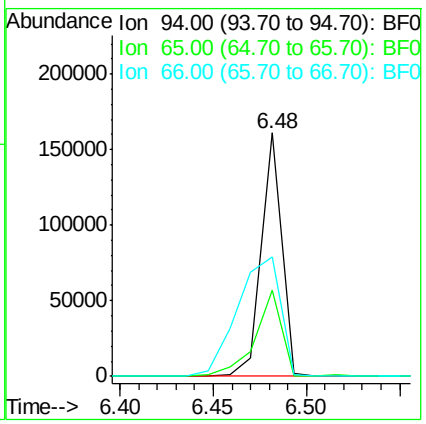


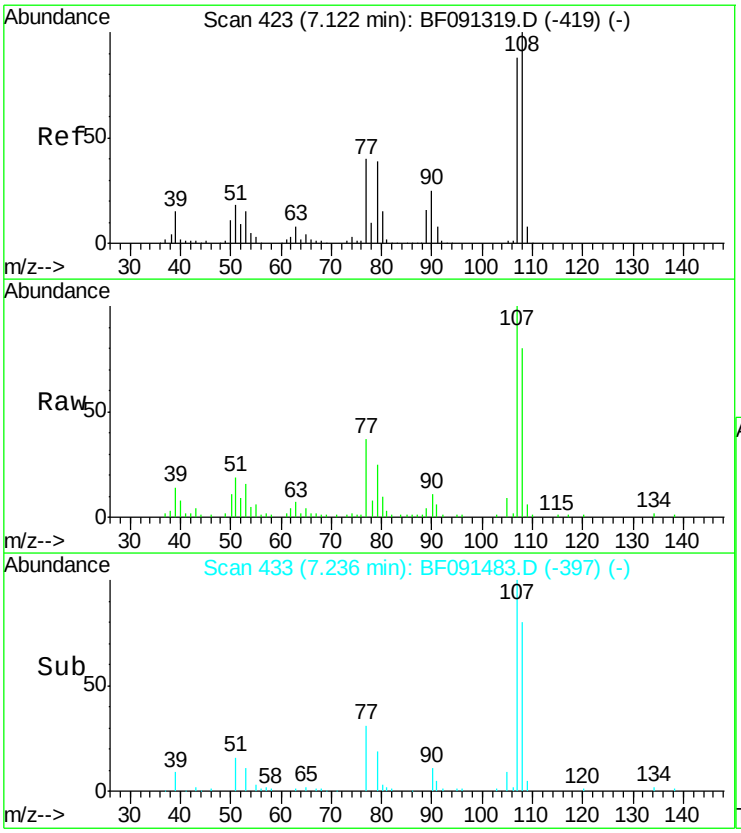
#10
Phenol
Concen: 8.02 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.04 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4

Tgt Ion: 94 Resp: 120487

Ion	Ratio	Lower	Upper
94	100		
65	35.2	16.9	56.9
66	49.1	30.6	70.6

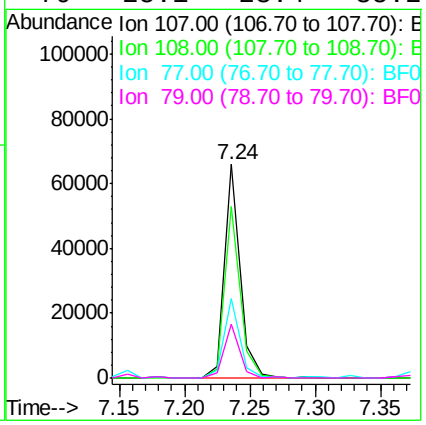


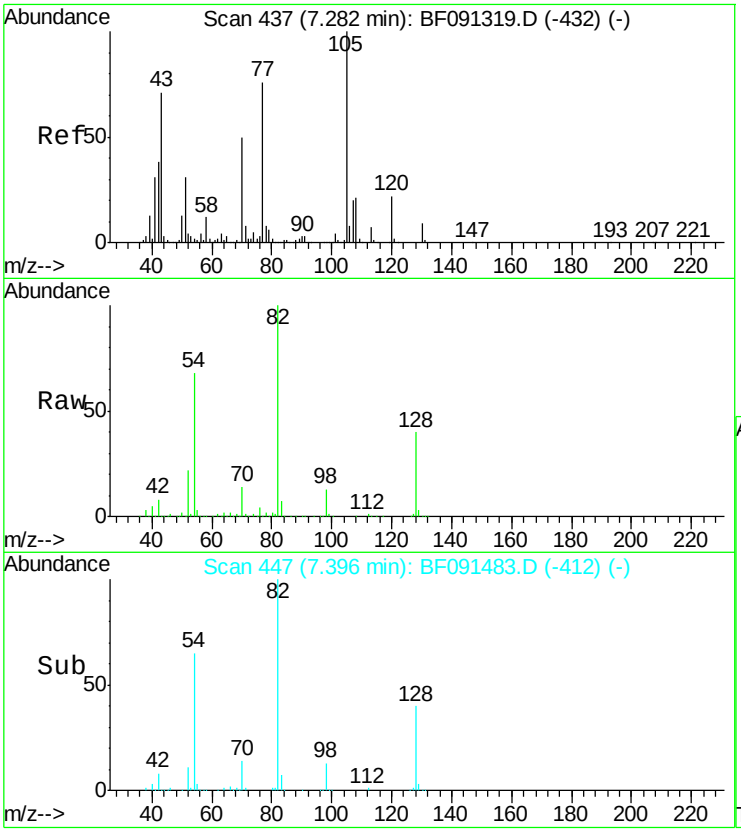


#17
2-Methylphenol
Concen: 6.20 ng
RT: 7.24 min Scan# 433
Delta R.T. 0.11 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Tgt Ion:107 Resp: 55737

Ion	Ratio	Lower	Upper
107	100		
108	80.2	67.7	101.5
77	37.3	40.7	61.1#
79	25.1	23.4	35.2



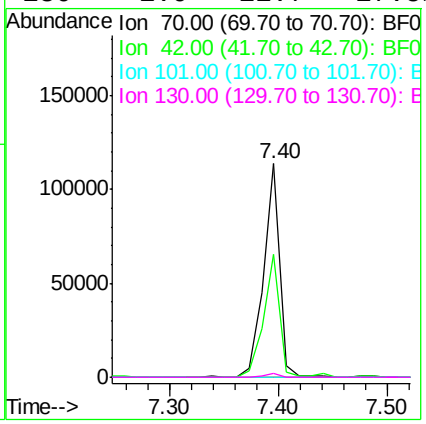


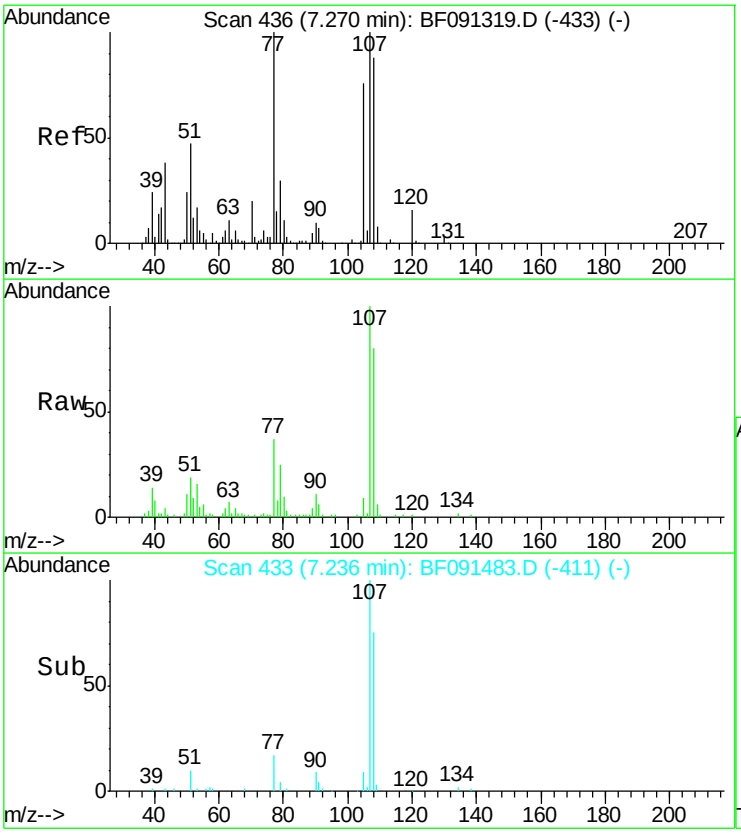
#19
n-Nitroso-di-n-propylamine
Concen: 14.63 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.10 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4

Tgt Ion: 70 Resp: 117736

Ion	Ratio	Lower	Upper
70	100		
42	57.8	64.8	97.2#
101	0.0	6.2	9.4#
130	1.9	11.7	17.5#

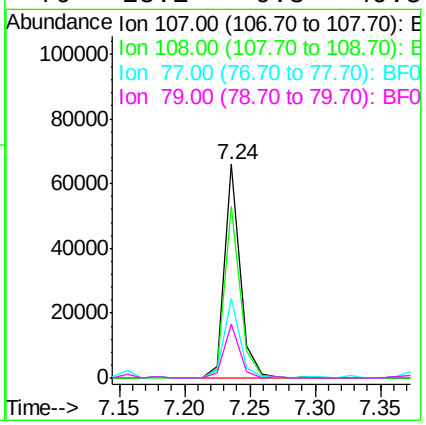


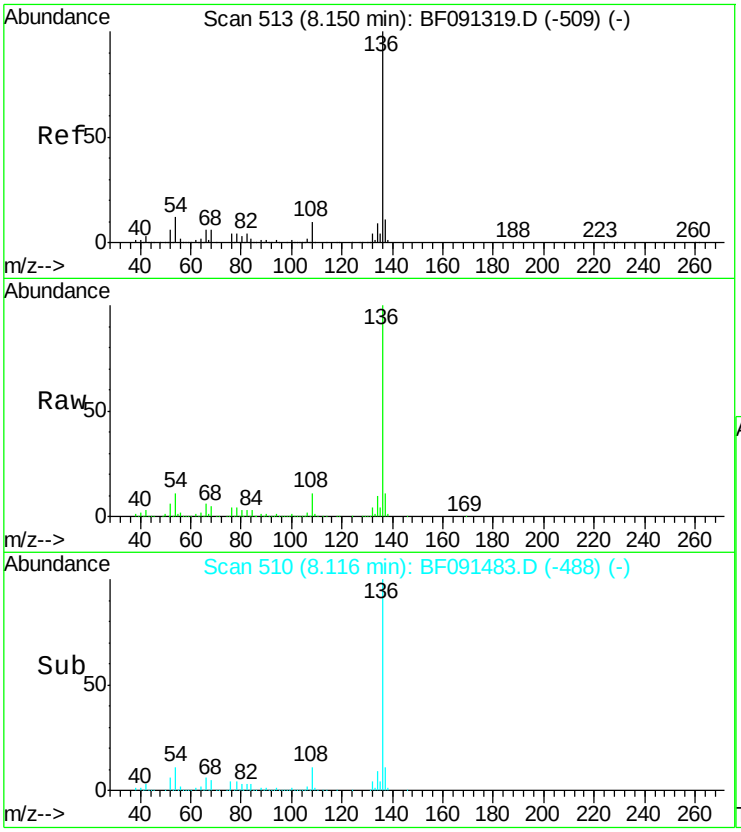


#20
3+4-Methylphenols
Concen: 5.08 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.05 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Tgt Ion:107 Resp: 55737

Ion	Ratio	Lower	Upper
107	100		
108	80.2	64.6	104.6
77	37.3	30.9	70.9
79	25.1	9.3	49.3



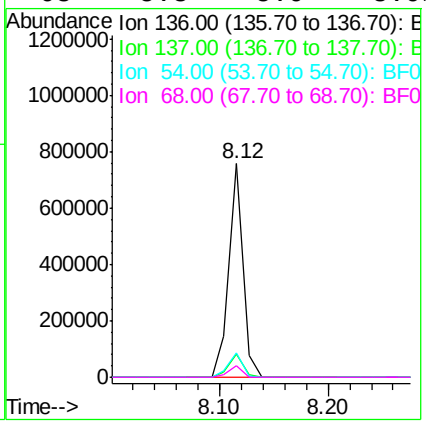


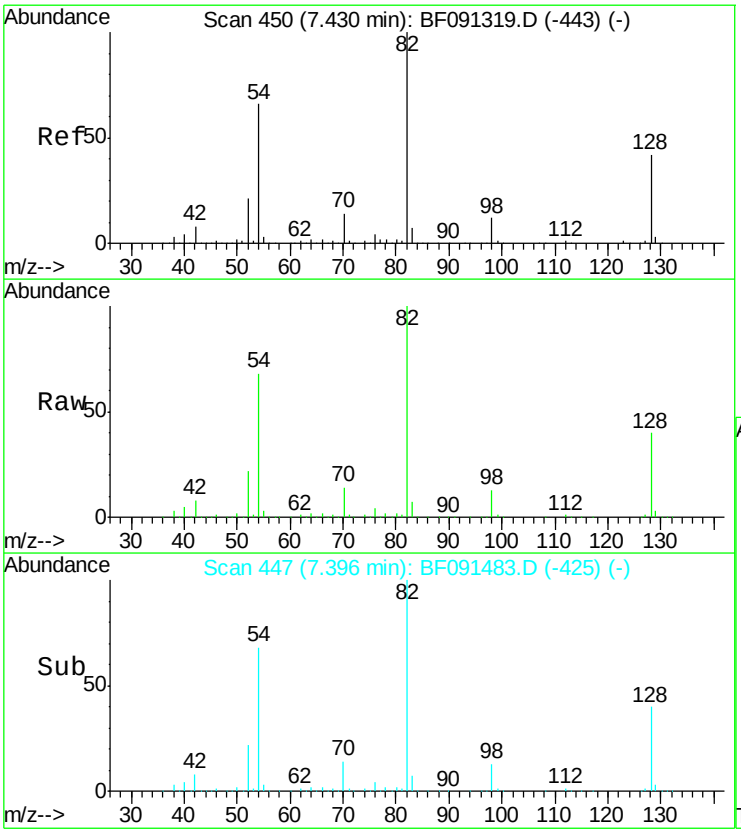
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.05 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4

Tgt Ion:136 Resp: 677135

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	11.4	9.1	13.7
68	5.3	5.9	8.9#

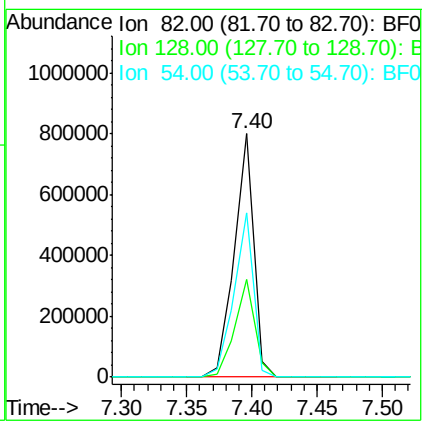


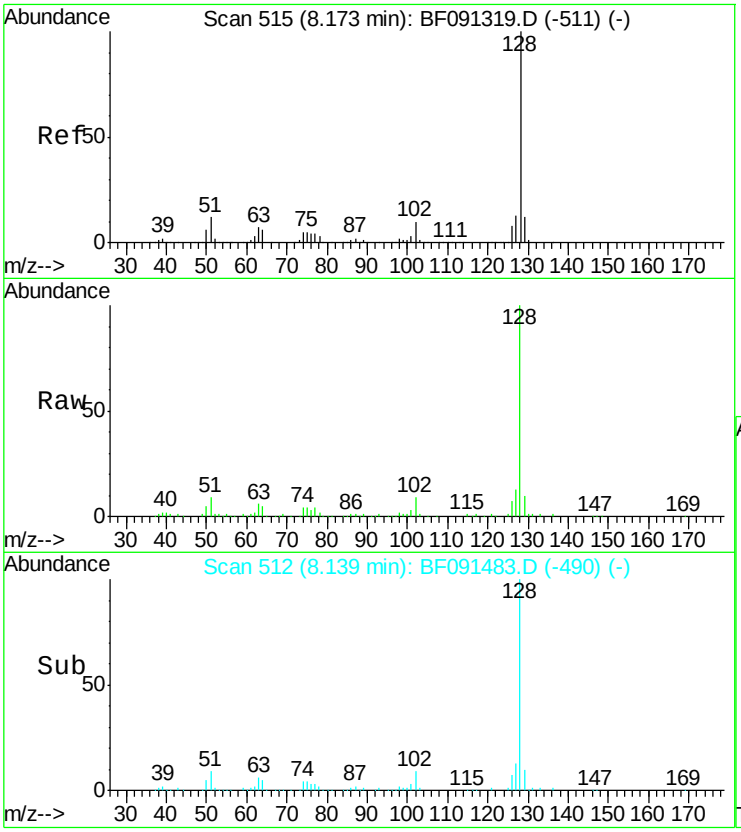


#23
Nitrobenzene-d5
Concen: 68.54 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.05 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Tgt Ion: 82 Resp: 828167

Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.8	47.6
54	67.7	49.1	73.7



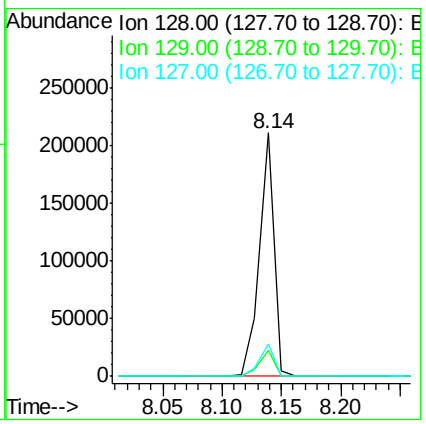


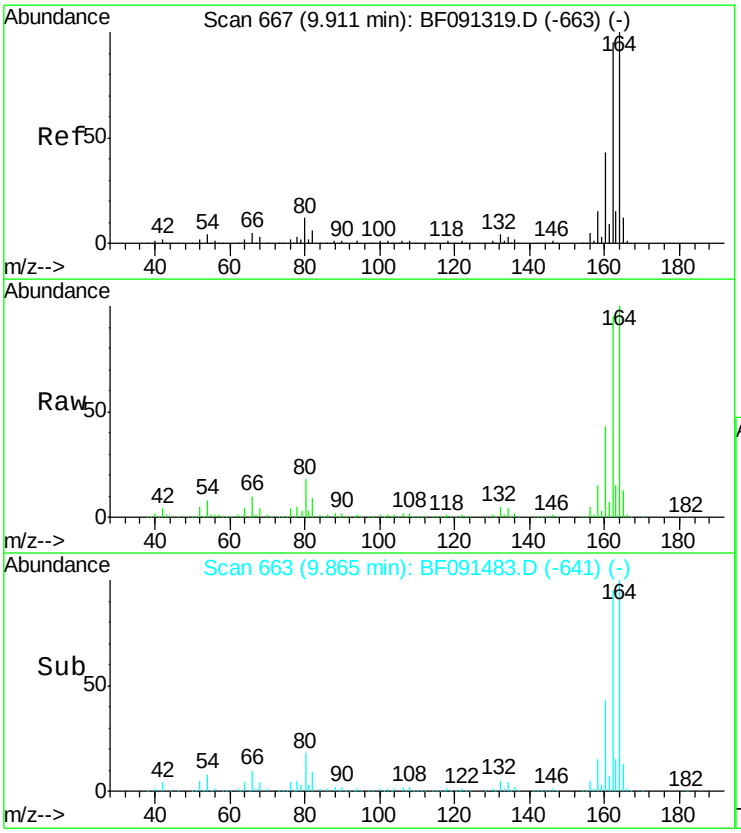
#31
Naphthalene
Concen: 5.74 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.05 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4

Tgt Ion:128 Resp: 184792

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.1	13.7
127	13.3	11.0	16.4

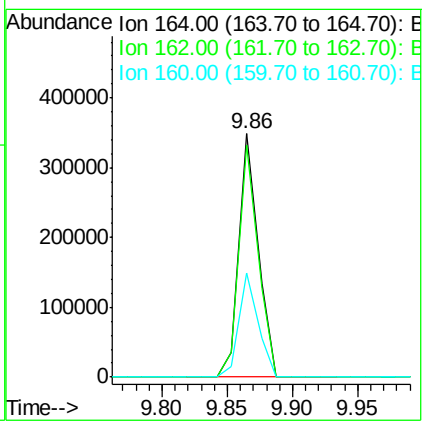


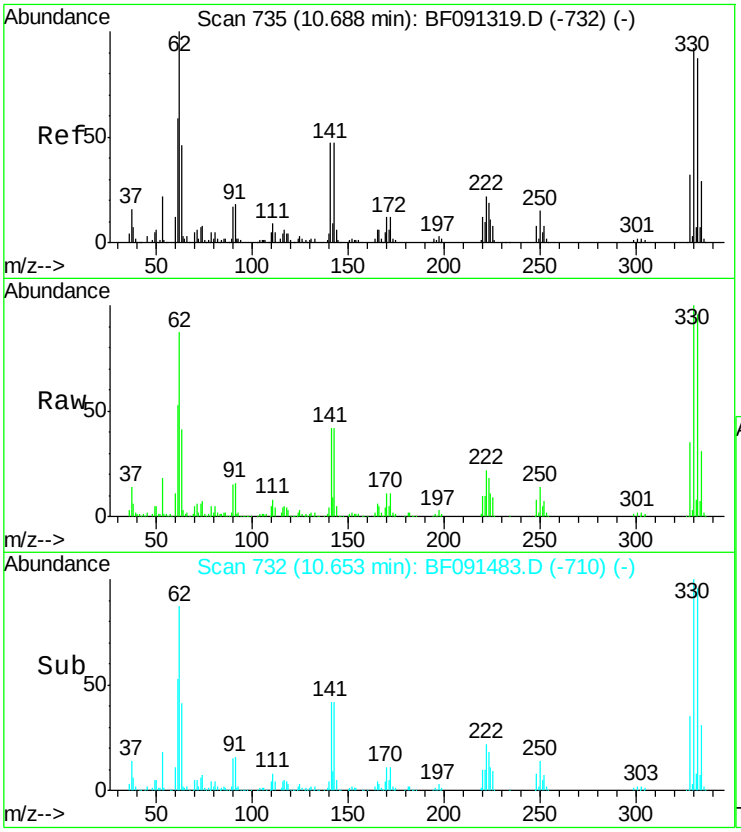


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.05 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Tgt Ion:164 Resp: 356539

Ion	Ratio	Lower	Upper
164	100		
162	95.3	82.6	124.0
160	42.8	36.7	55.1



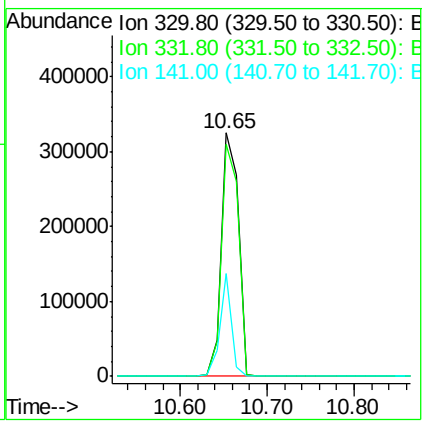


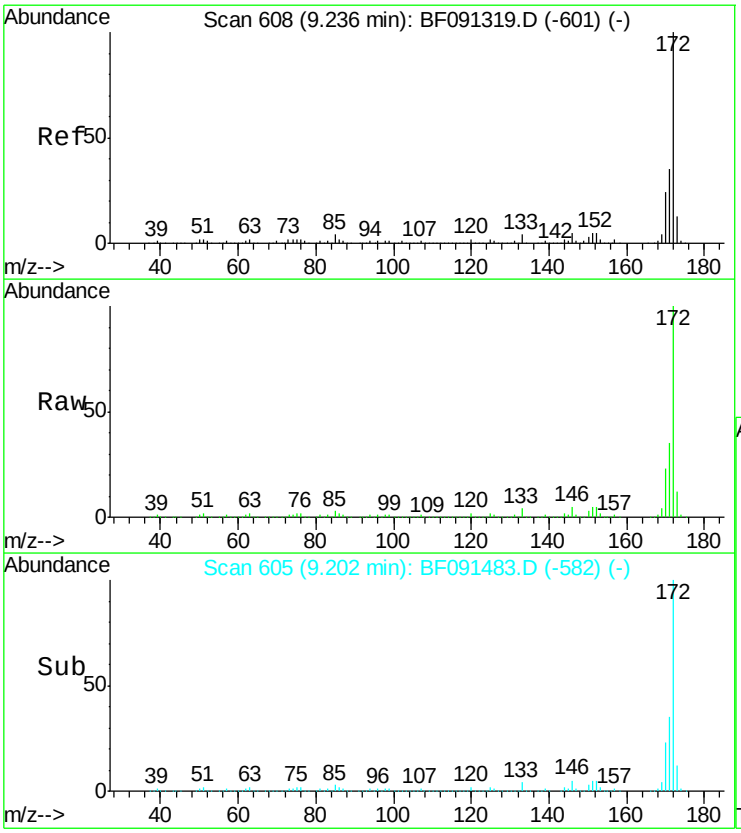
#41
2,4,6-Tribromophenol
Concen: 131.98 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.05 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4

Tgt Ion:330 Resp: 445480

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.2	114.4
141	29.5	33.6	50.4#

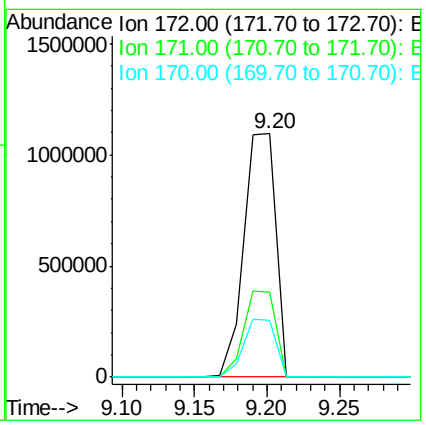


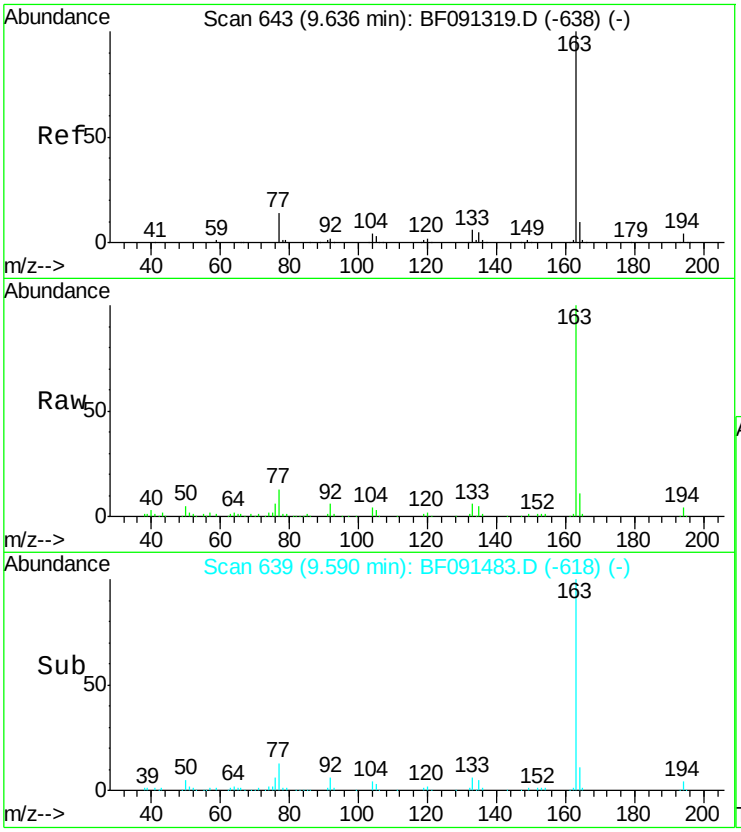


#44
2-Fluorobiphenyl
Concen: 84.89 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.04 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Tgt Ion:172 Resp: 1671604

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.4	44.0
170	23.2	19.7	29.5



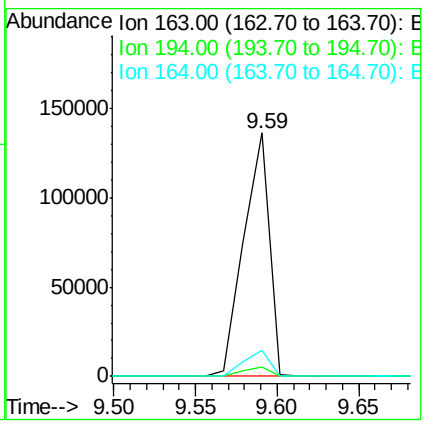


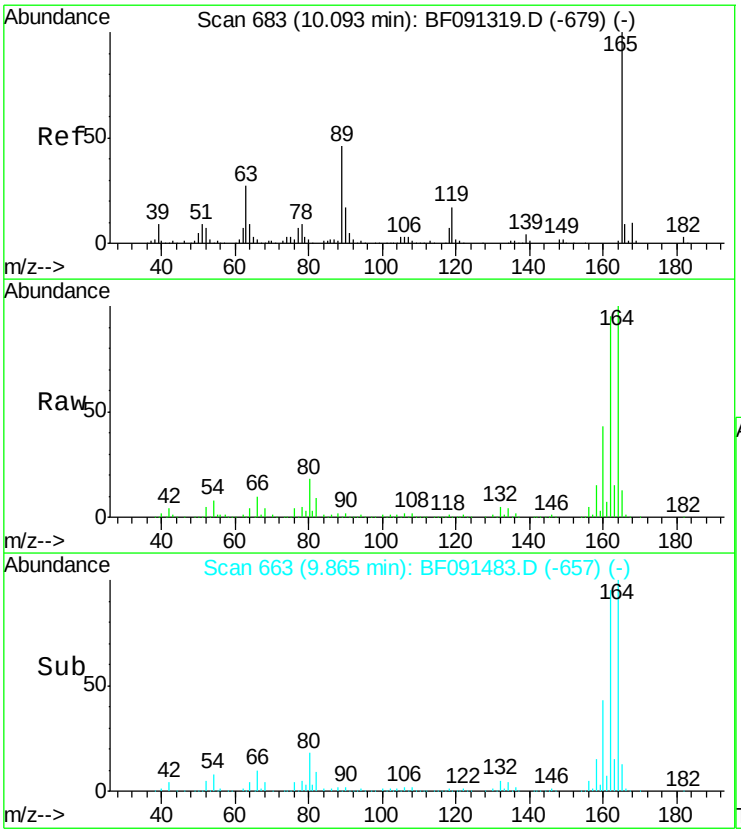
#49
Dimethylphthalate
Concen: 6.86 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.06 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4

Tgt Ion:163 Resp: 148134

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	10.5	7.8	11.8

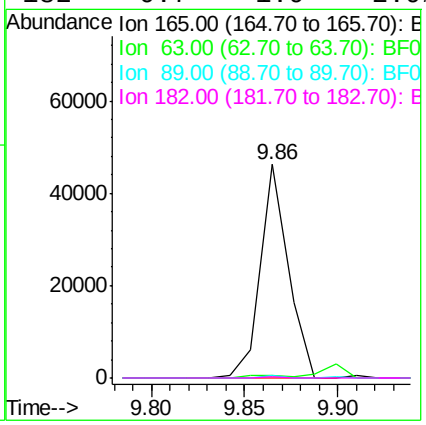


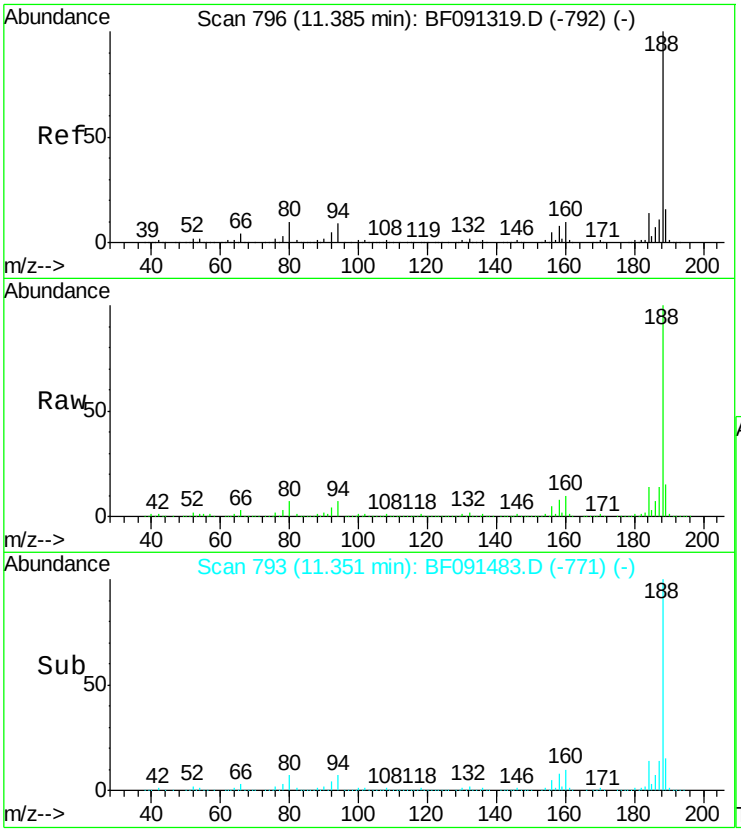


#56
2,4-Dinitrotoluene
Concen: 7.60 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.23 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Tgt Ion:165 Resp: 47581

Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.0	43.4#
89	1.1	43.1	64.7#
182	0.7	1.9	2.9#



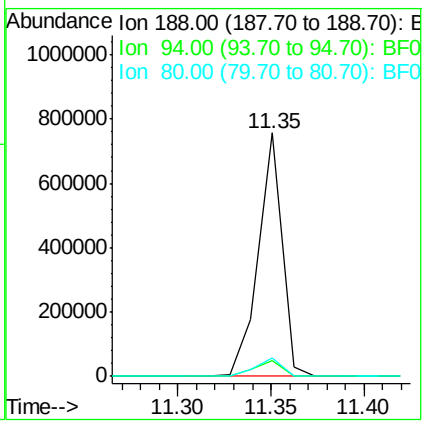


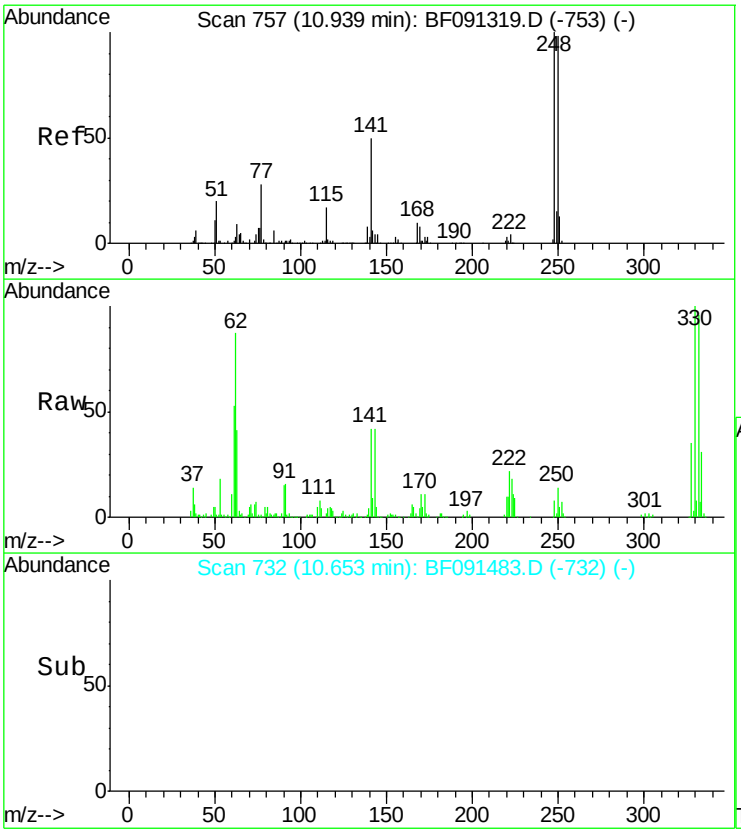
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.05 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4

Tgt Ion:188 Resp: 664674

Ion	Ratio	Lower	Upper
188	100		
94	6.5	9.2	13.8#
80	7.4	10.5	15.7#

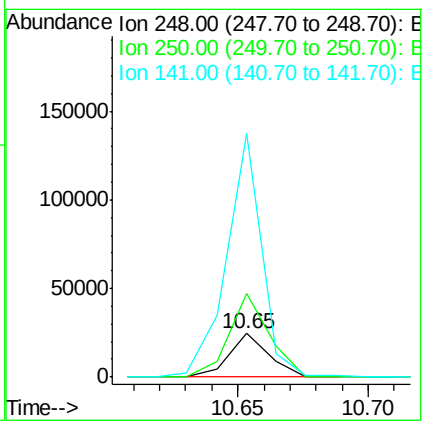


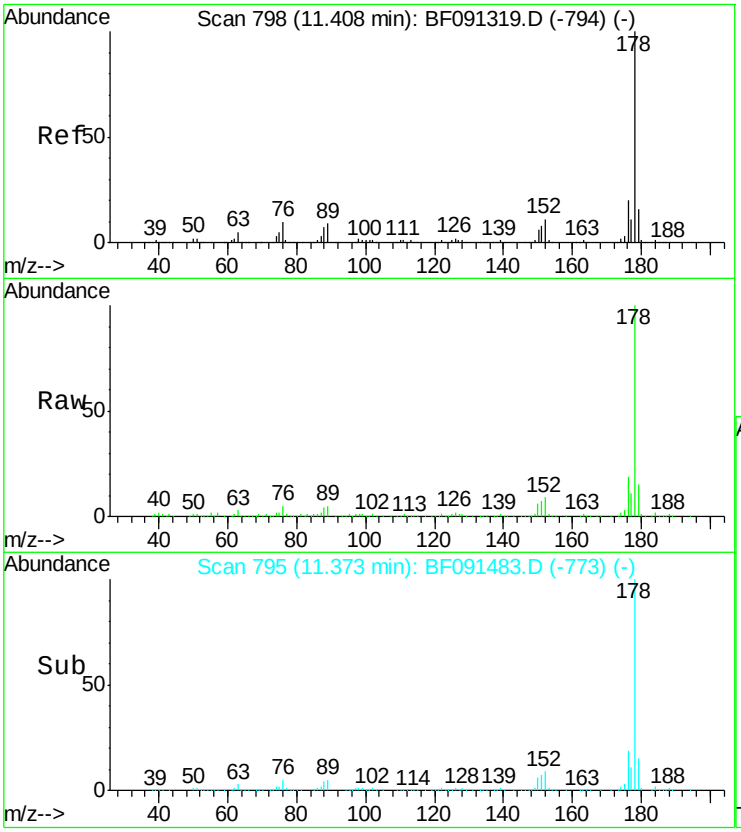


#66
4-Bromophenyl-phenylether
Concen: 3.65 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.30 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Tgt Ion:248 Resp: 26111

Ion	Ratio	Lower	Upper
248	100		
250	190.5	78.2	117.4#
141	556.0	71.9	107.9#



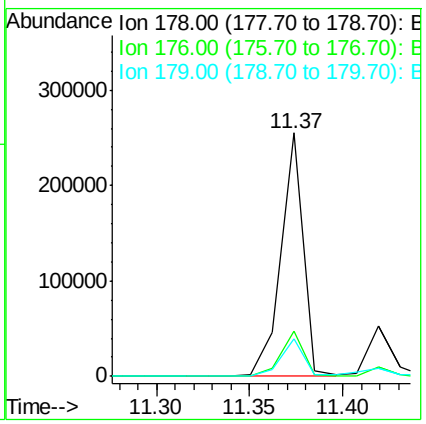


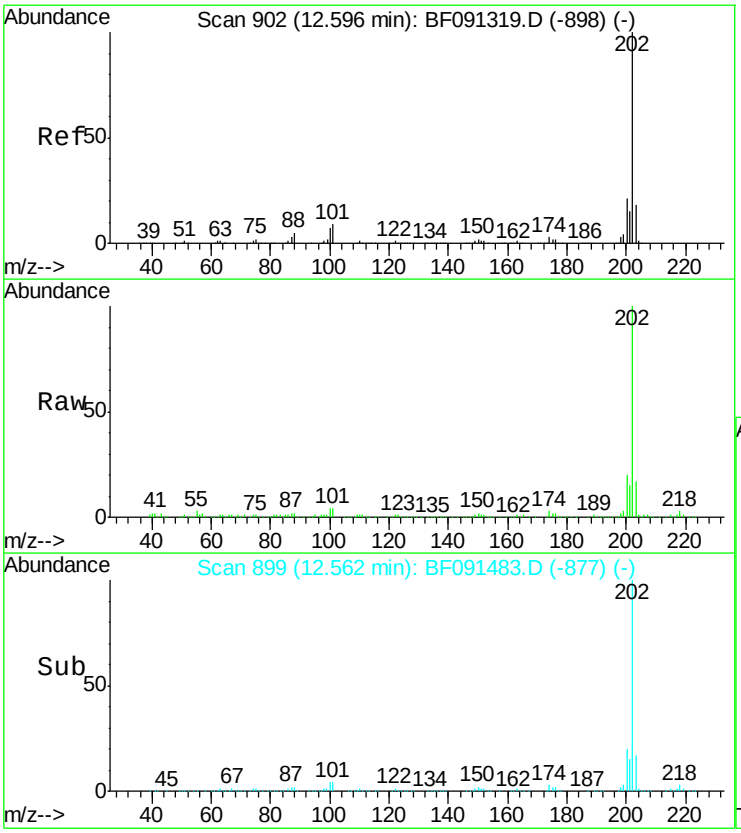
#70
Phenanthrene
Concen: 6.15 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.05 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4

Tgt Ion:178 Resp: 212417

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.9	23.9
179	15.2	12.6	18.8

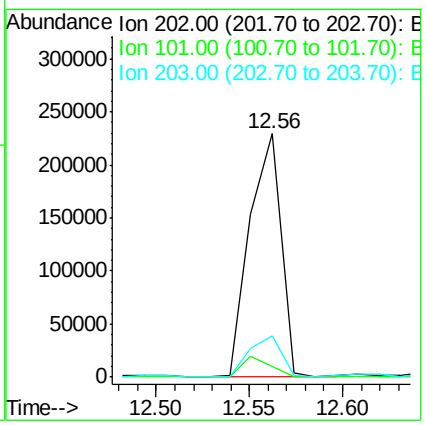


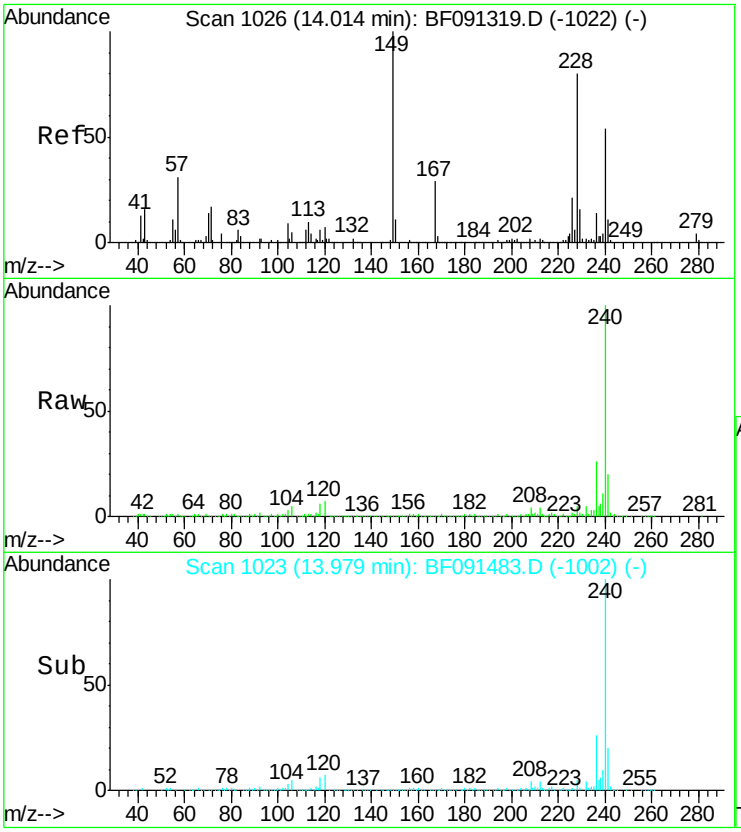


#74
Fluoranthene
Concen: 8.13 ng
RT: 12.56 min Scan# 899
Delta R.T. -0.05 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Tgt Ion:202 Resp: 266016

Ion	Ratio	Lower	Upper
202	100		
101	4.5	0.0	29.5
203	16.8	0.0	37.8



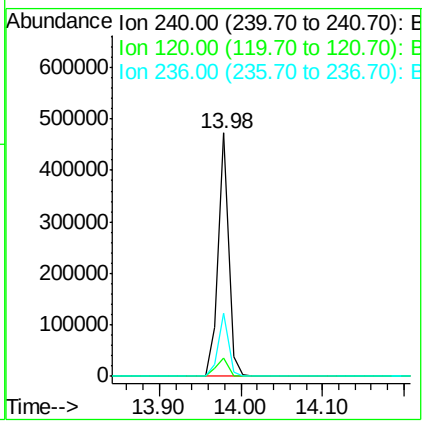


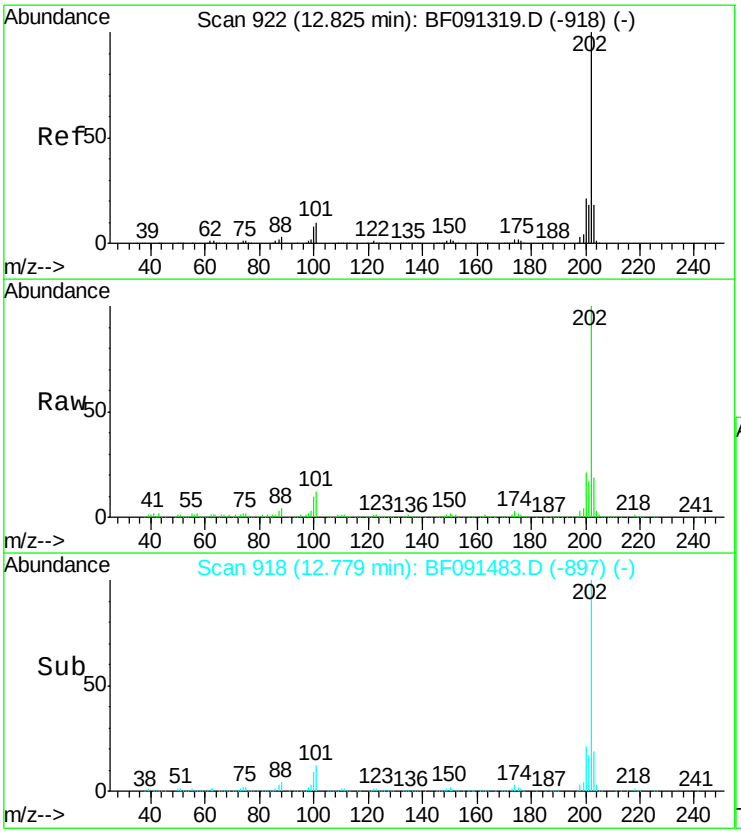
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.06 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4

Tgt Ion:240 Resp: 424989

Ion	Ratio	Lower	Upper
240	100		
120	7.3	12.1	18.1#
236	26.0	21.0	31.6

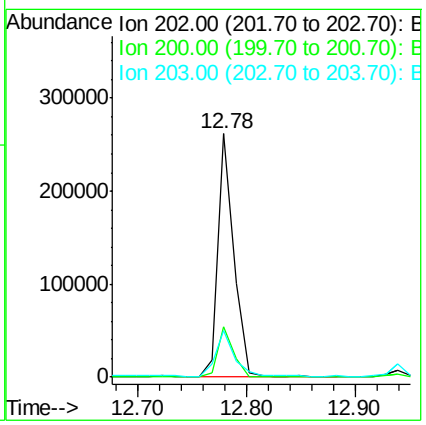


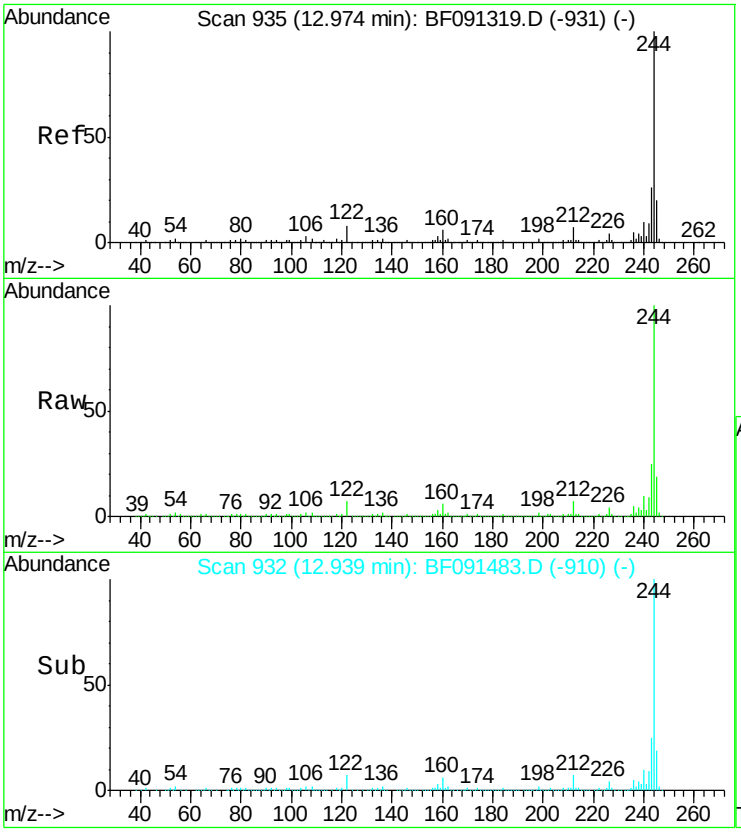


#77
Pyrene
Concen: 8.23 ng
RT: 12.78 min Scan# 918
Delta R.T. -0.06 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Tgt Ion:202 Resp: 265491

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	19.0	14.0	21.0



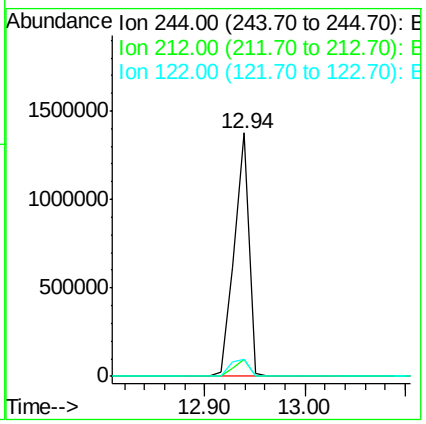


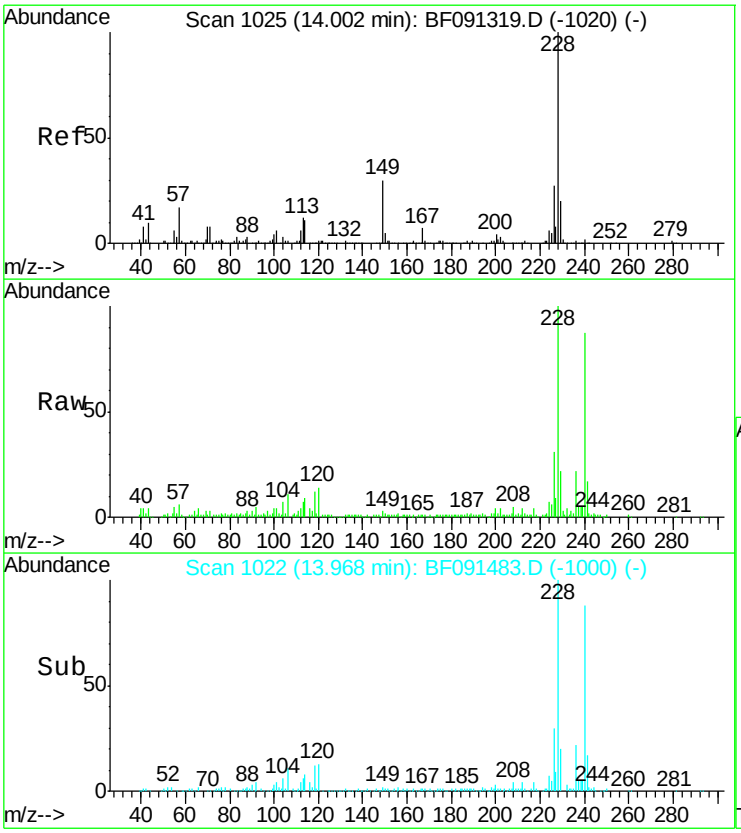
#78
Terphenyl-d14
Concen: 71.72 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.05 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4

Tgt Ion:244 Resp: 1402439

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.5	9.7
122	7.2	9.5	14.3#

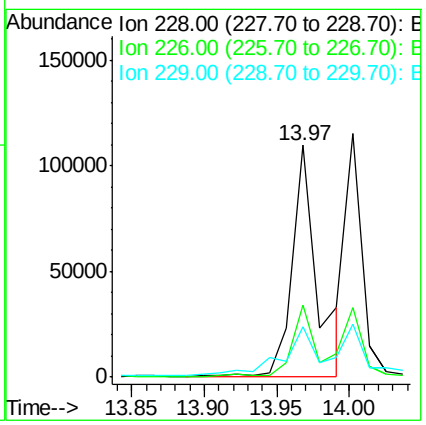


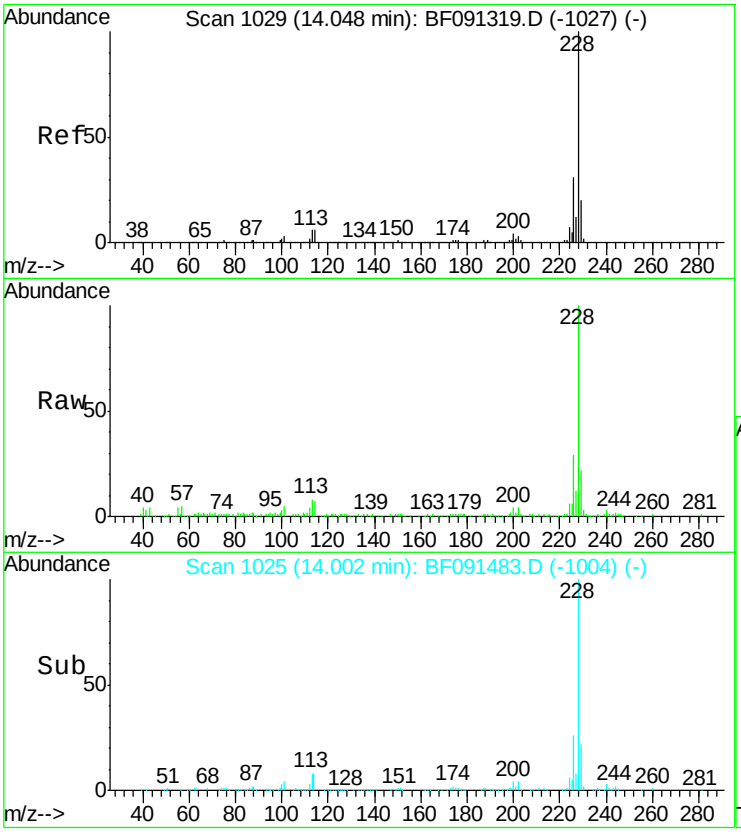


#80
Benzo(a)anthracene
Concen: 5.34 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.05 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Tgt Ion:228 Resp: 132599

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.5	33.7
229	21.7	16.4	24.6



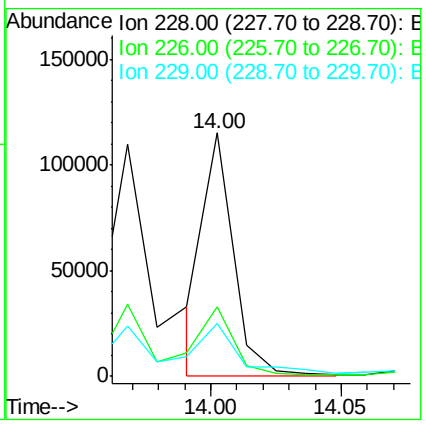


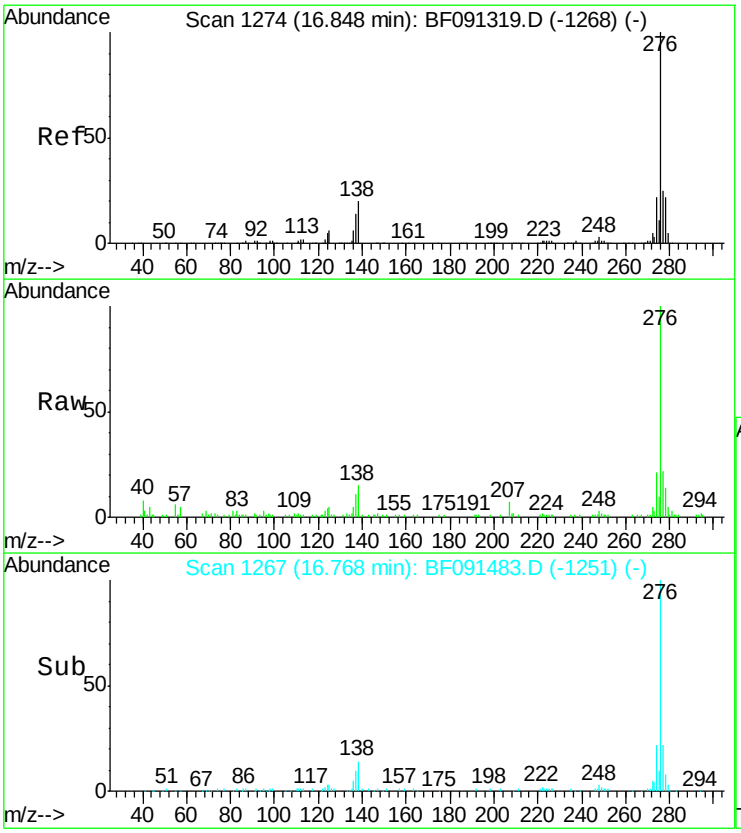
#82
Chrysene
Concen: 3.71 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.06 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4

Tgt Ion:228 Resp: 91219

Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.0	37.4
229	22.0	16.0	24.0

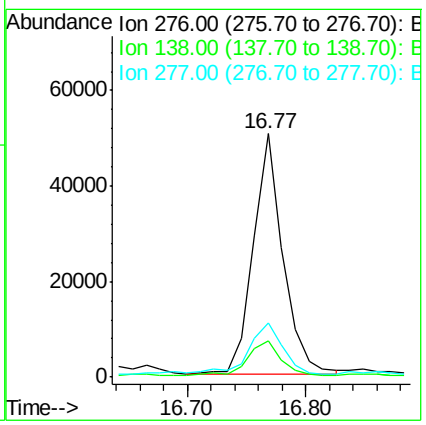


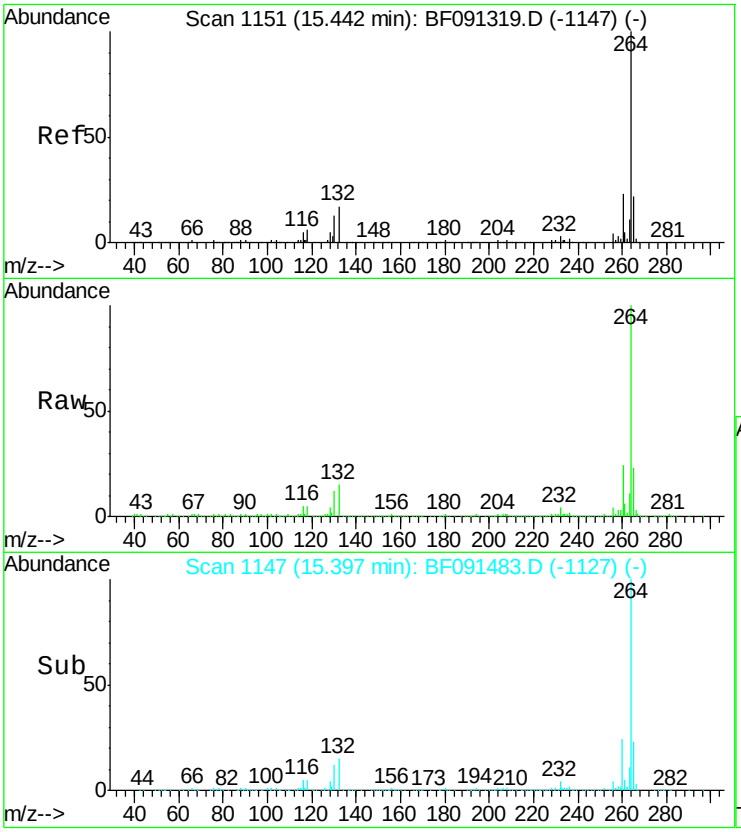


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.95 ng
RT: 16.77 min Scan# 1267
Delta R.T. -0.12 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Tgt Ion:276 Resp: 88949

Ion	Ratio	Lower	Upper
276	100		
138	18.9	21.0	31.4#
277	27.3	20.2	30.2



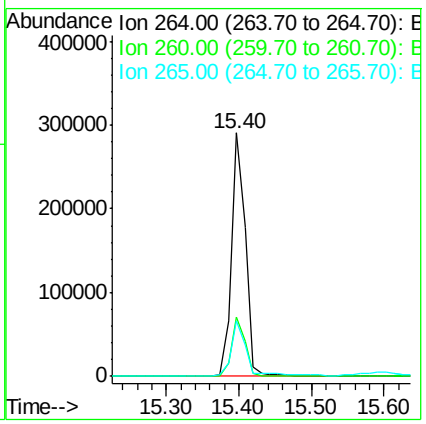


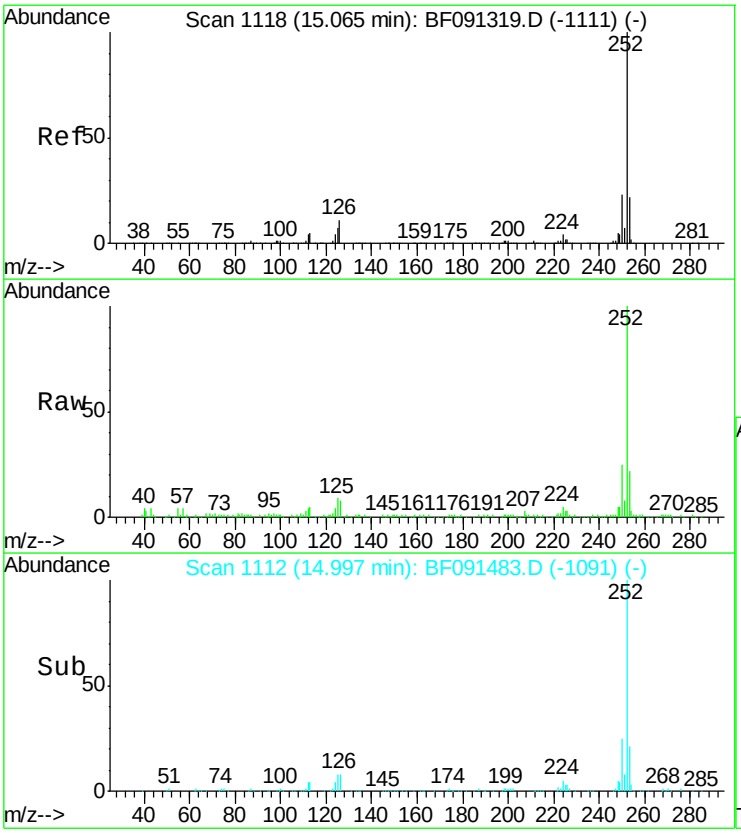
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.07 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4

Tgt Ion:264 Resp: 386223

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	22.7	17.0	25.6

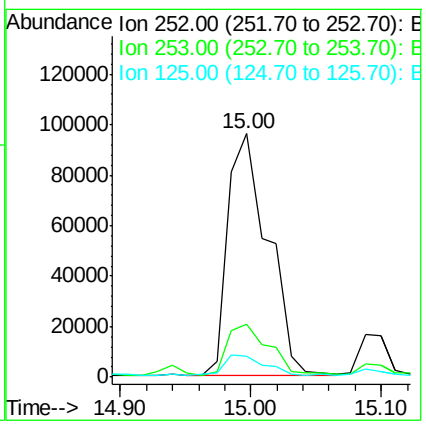


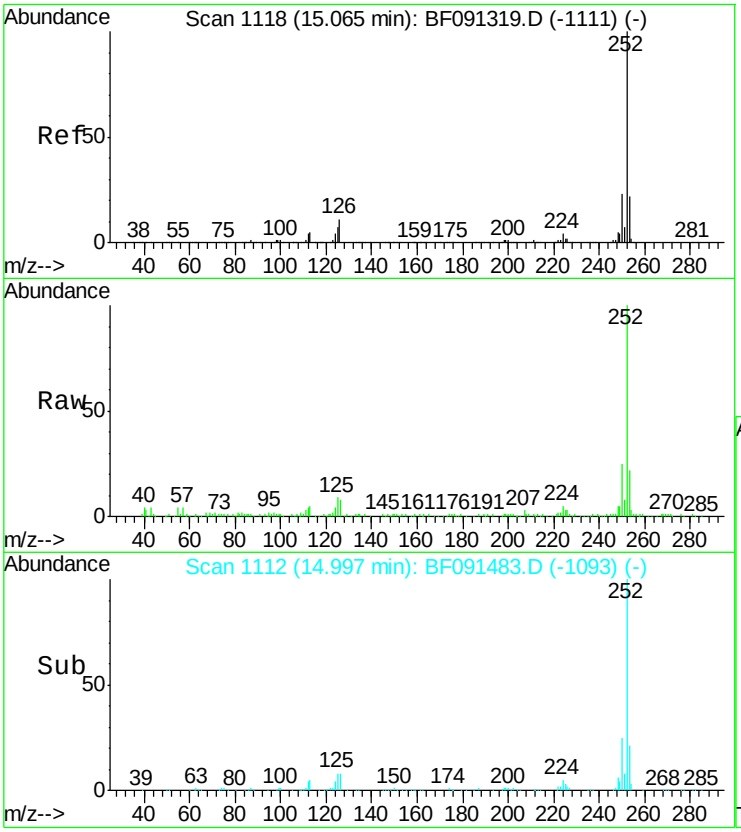


#87
Benzo(b)fluoranthene
Concen: 8.55 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.06 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Tgt Ion:252 Resp: 205206

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	8.6	8.6	13.0#



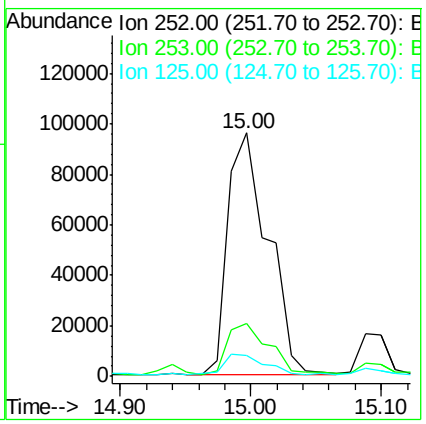


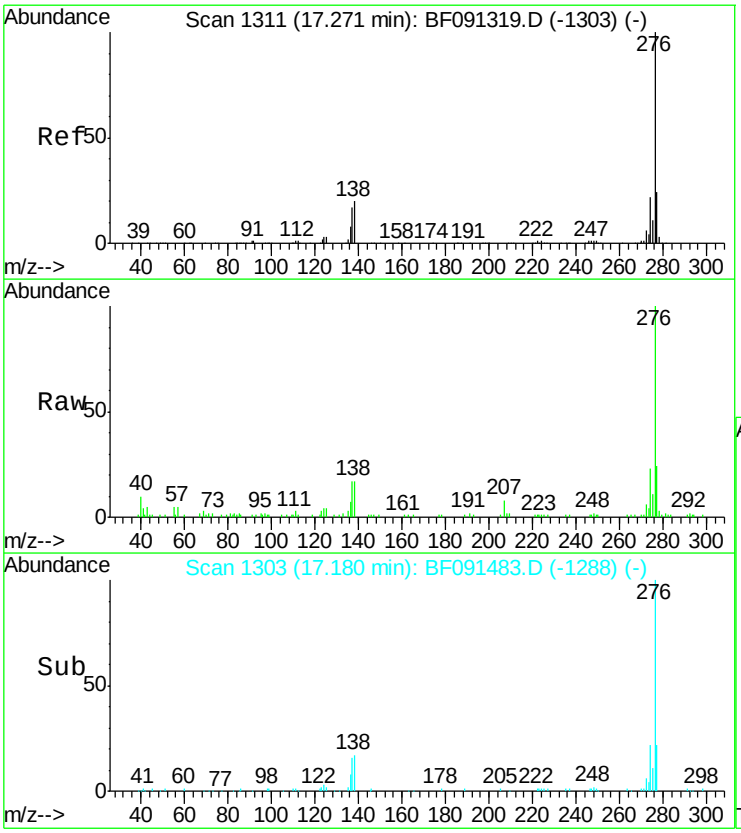
#88
Benzo(k)fluoranthene
Concen: 10.17 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.09 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4

Tgt Ion:252 Resp: 205206

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	8.6	9.6	14.4#





#91
Benzo(g,h,i)perylene
Concen: 4.56 ng
RT: 17.18 min Scan# 1303
Delta R.T. -0.13 min
Lab File: BF091483.D
Acq: 7 Dec 2016 21:39

Tgt Ion:276 Resp: 93781

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.4
138	17.5	15.4	23.0