Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091465.D
Acq On : 6 Dec 2016 18:16
Operator : UM/SJ
Sample : H5836-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP14-15-COMP2

Quant Time: Dec 07 00:51:30 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 07 00:12:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	123187	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	493934	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	272141	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	418636	20.00	ng		0.00
75) Chrysene-d12	13.99	240	338332	20.00	ng		0.00
86) Perylene-d12	15.43	264	302795	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	628822	83.39	ng		0.00
7) Phenol-d6	6.47	99	724327	78.03	ng		0.00
23) Nitrobenzene-d5	7.41	82	538264	61.07	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	227267	88.21	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	847970	56.42	ng		0.00
78) Terphenyl-d14	12.94	244	692572	44.49	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.48	94	50662	4.64	ng		98
49) Dimethylphthalate	9.59	163	134690	8.17	ng	#	96
70) Phenanthrene	11.38	178	82637	3.80	ng		96
74) Fluoranthene	12.56	202	167386	8.12	ng		98
77) Pyrene	12.79	202	215554	8.40	ng		96
80) Benzo(a)anthracene	13.98	228	163925	8.28	ng		96
82) Chrysene	14.01	228	113114m	5.78	ng		
85) Indeno(1,2,3-cd)pyrene	16.81	276	47956	2.67	ng	#	84
87) Benzo(b)fluoranthene	15.02	252	152549m	8.11	ng		
88) Benzo(k)fluoranthene	15.03	252	46199m	2.92	ng		
89) Benzo(a)pyrene	15.36	252	125383	7.42	ng	#	87
91) Benzo(g,h,i)perylene	17.23	276	50988	3.16	ng		95

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

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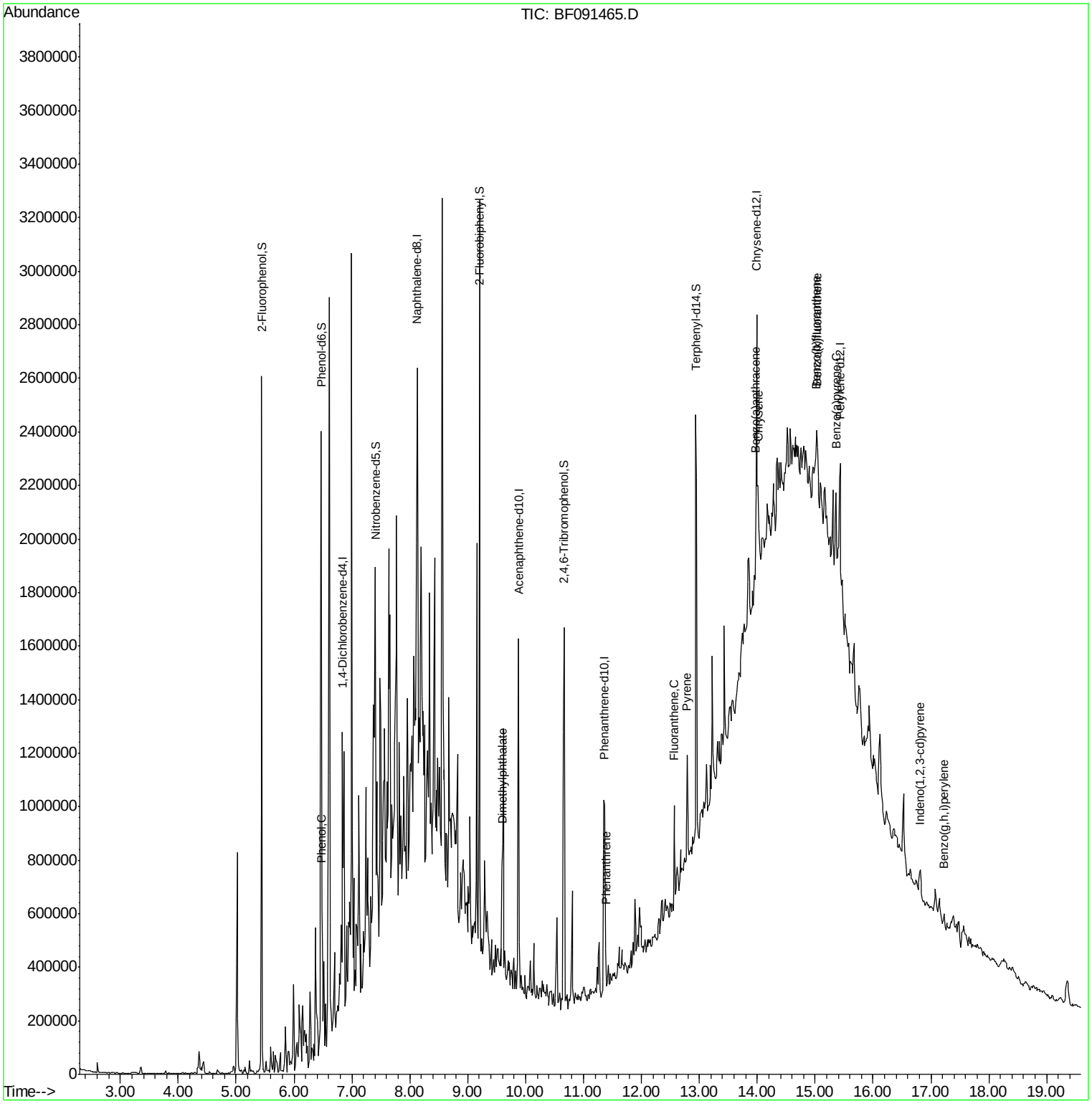
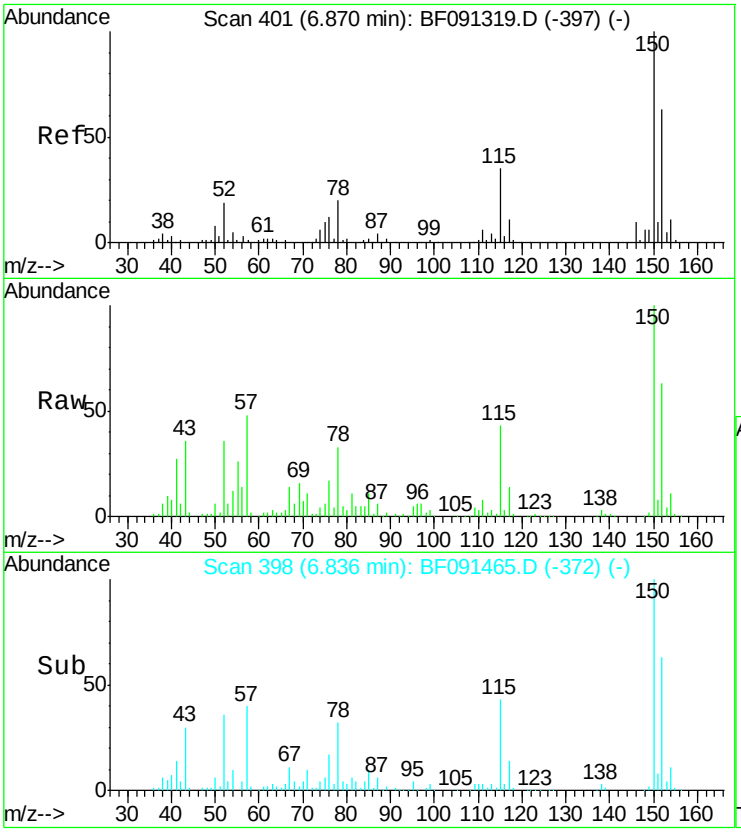


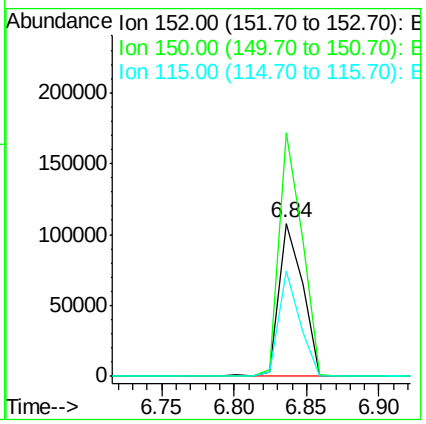


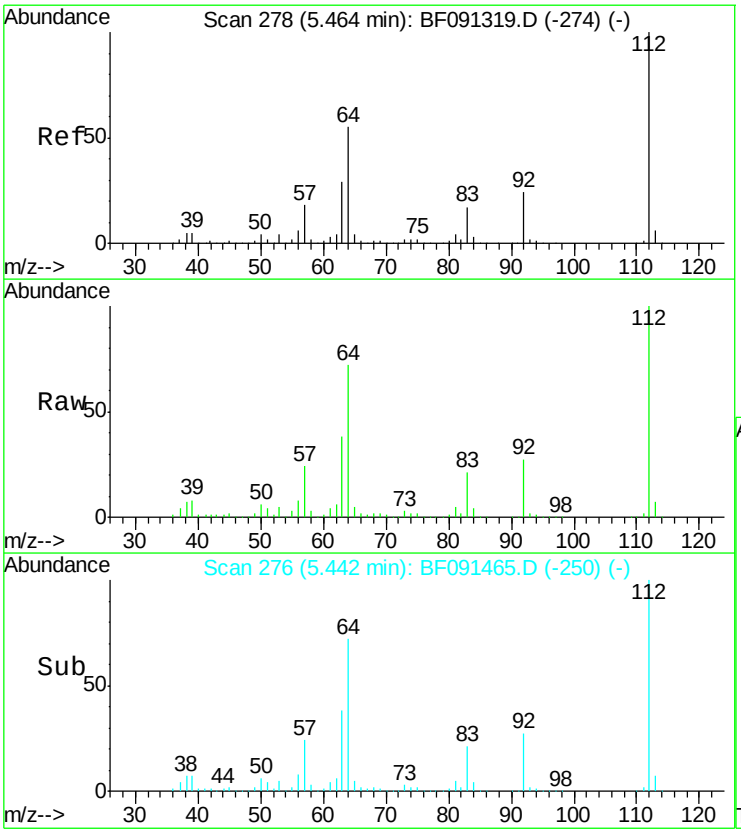
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2

Tgt Ion:152 Resp: 123187

Ion	Ratio	Lower	Upper
152	100		
150	158.8	122.5	183.7
115	68.8	51.8	77.8

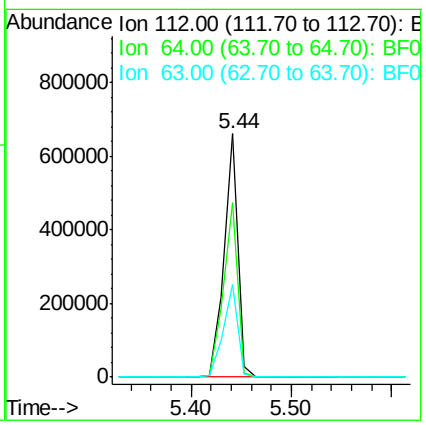


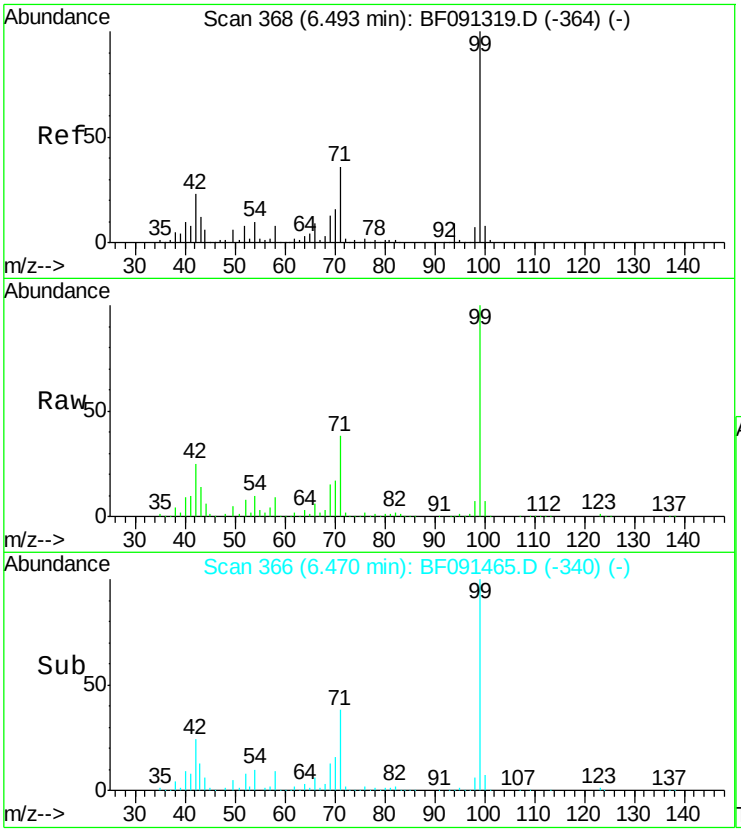


#5
2-Fluorophenol
Concen: 83.39 ng
RT: 5.44 min Scan# 276
Delta R.T. 0.00 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Tgt Ion:112 Resp: 628822

Ion	Ratio	Lower	Upper
112	100		
64	71.7	61.5	92.3
63	37.9	33.3	49.9



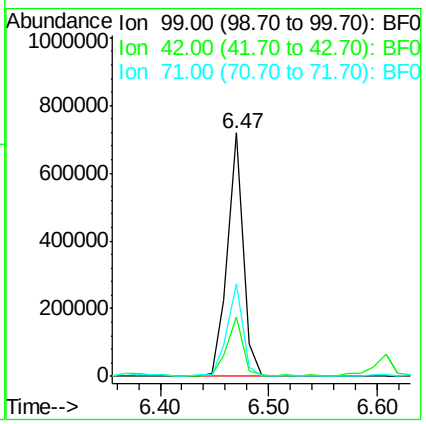


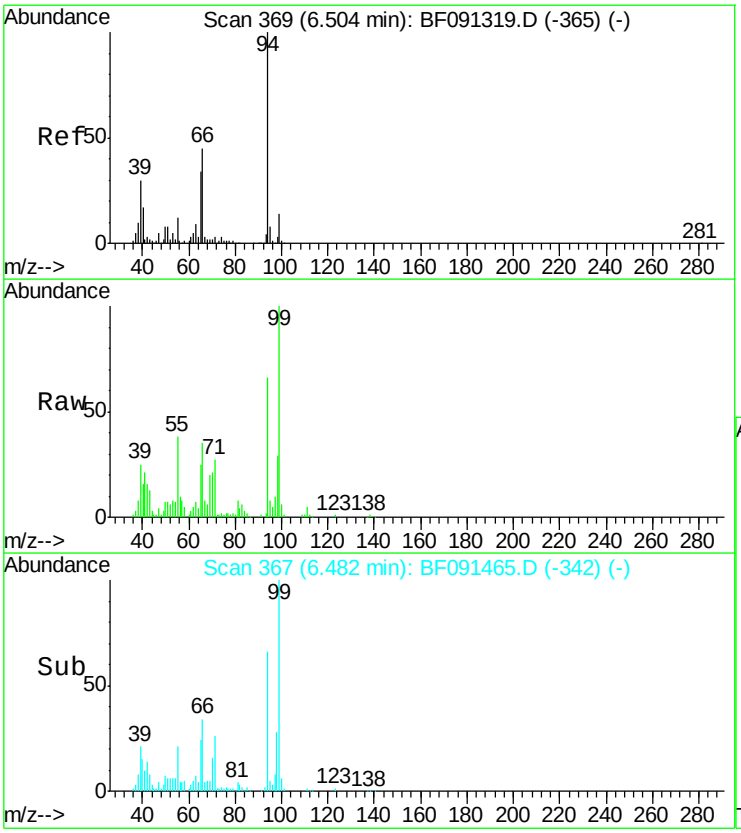
#7
Phenol-d6
Concen: 78.03 ng
RT: 6.47 min Scan# 366
Delta R.T. 0.00 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2

Tgt Ion: 99 Resp: 724327

Ion	Ratio	Lower	Upper
99	100		
42	24.5	20.6	31.0
71	38.3	29.9	44.9

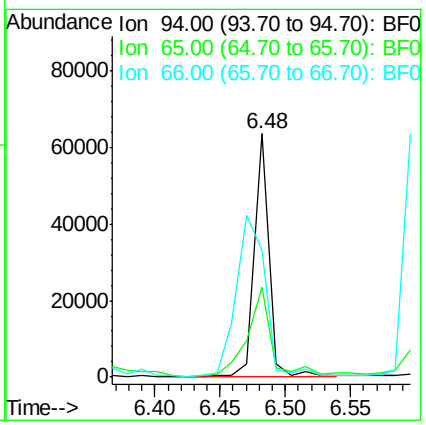


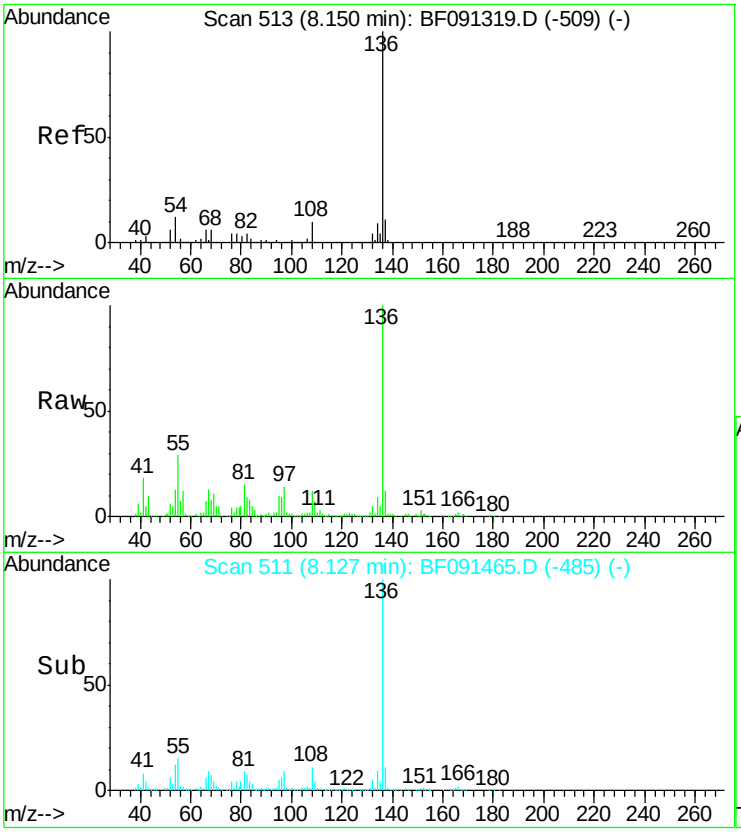


#10
Phenol
Concen: 4.64 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Tgt Ion: 94 Resp: 50662

Ion	Ratio	Lower	Upper
94	100		
65	37.2	16.9	56.9
66	52.2	30.6	70.6



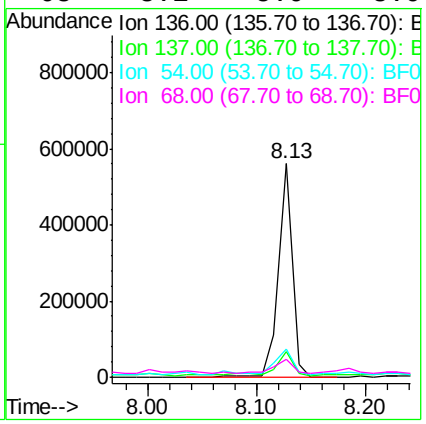


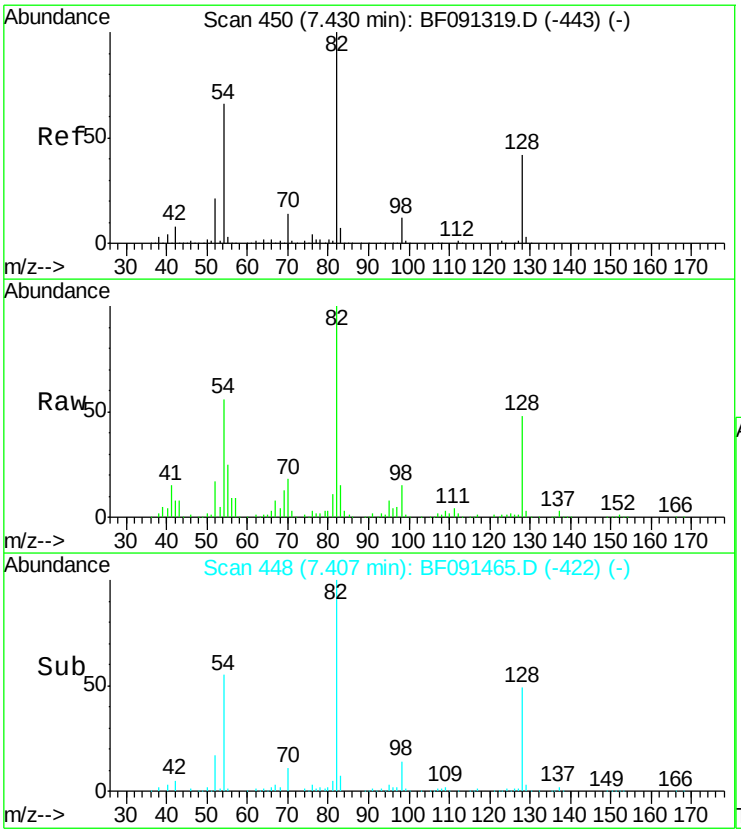
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2

Tgt Ion:136 Resp: 493934

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.1	13.7
54	13.0	9.1	13.7
68	8.1	5.9	8.9

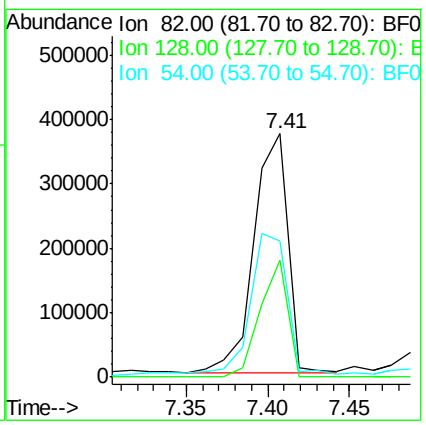


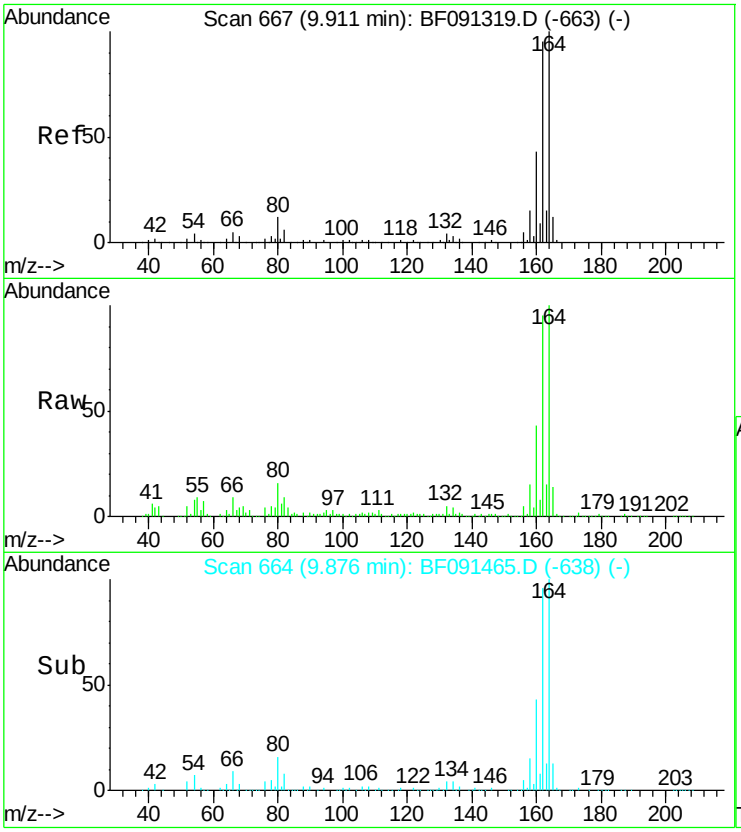


#23
Nitrobenzene-d5
Concen: 61.07 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Tgt Ion: 82 Resp: 538264

Ion	Ratio	Lower	Upper
82	100		
128	47.8	31.8	47.6#
54	55.8	49.1	73.7



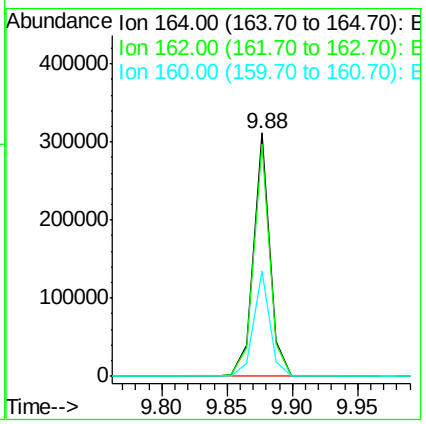


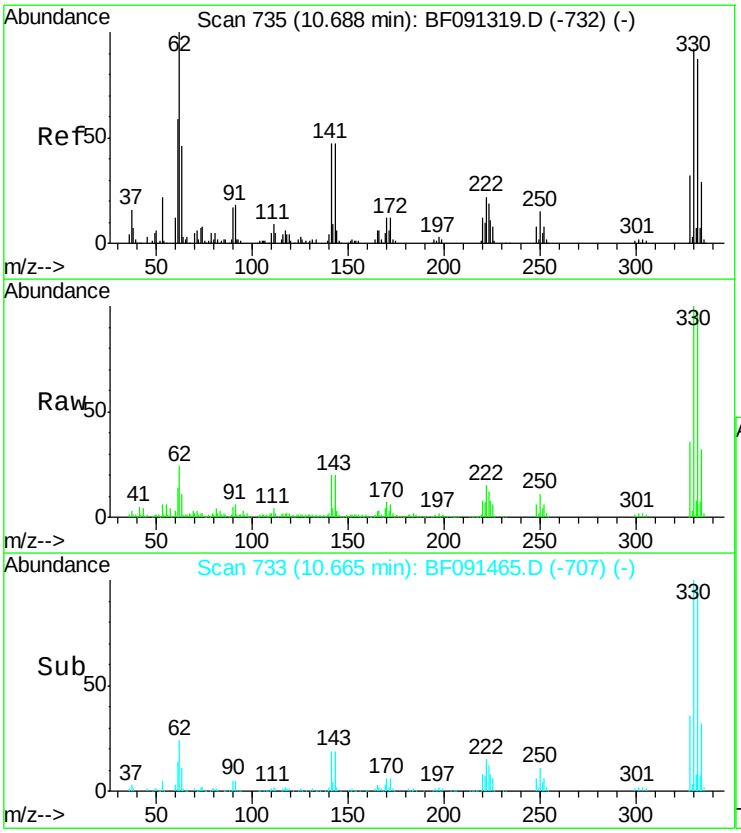
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2

Tgt Ion:164 Resp: 272141

Ion	Ratio	Lower	Upper
164	100		
162	95.5	82.6	124.0
160	43.3	36.7	55.1

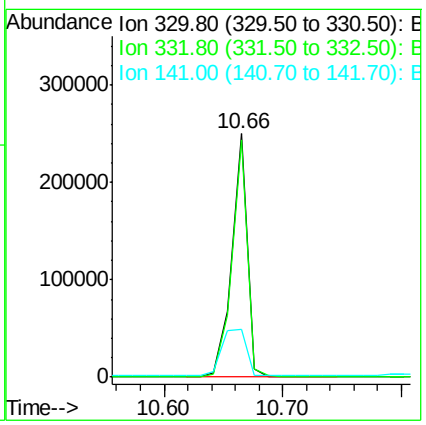


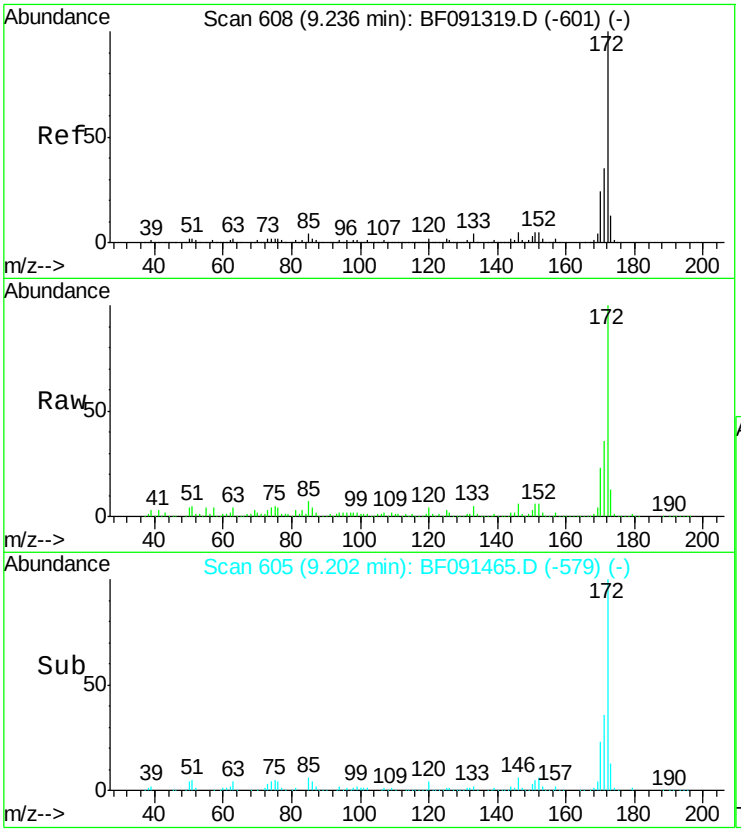


#41
2,4,6-Tribromophenol
Concen: 88.21 ng
RT: 10.66 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Tgt Ion:330 Resp: 227267

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.2	114.4
141	31.3	33.6	50.4#



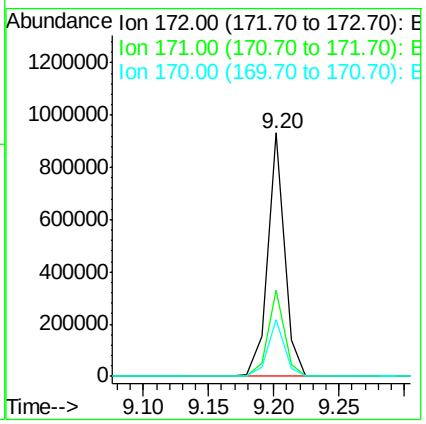


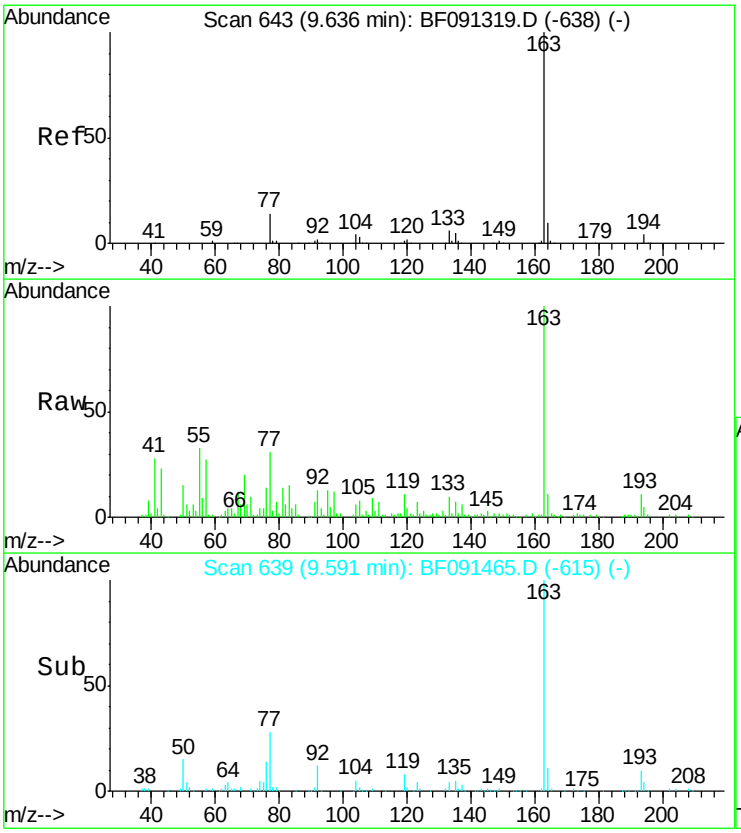
#44
2-Fluorobiphenyl
Concen: 56.42 ng
RT: 9.20 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2

Tgt Ion:172 Resp: 847970

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.4	19.7	29.5

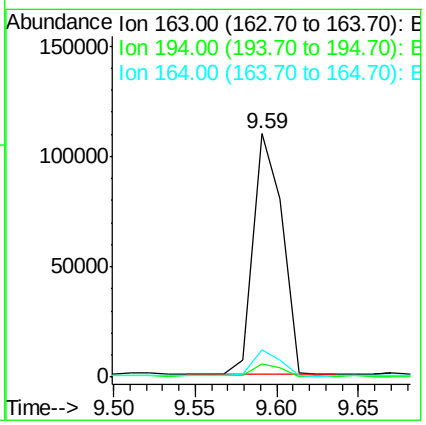


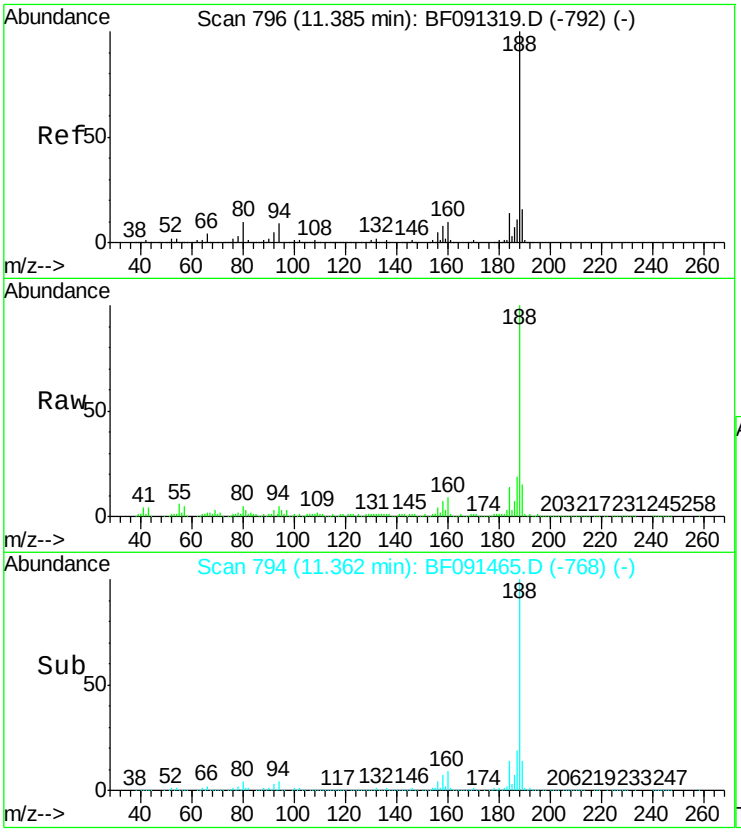


#49
Dimethylphthalate
Concen: 8.17 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.02 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Tgt Ion:163 Resp: 134690

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.0	4.4#
164	11.2	7.8	11.8



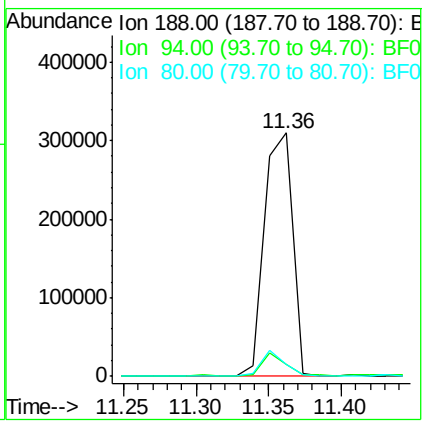


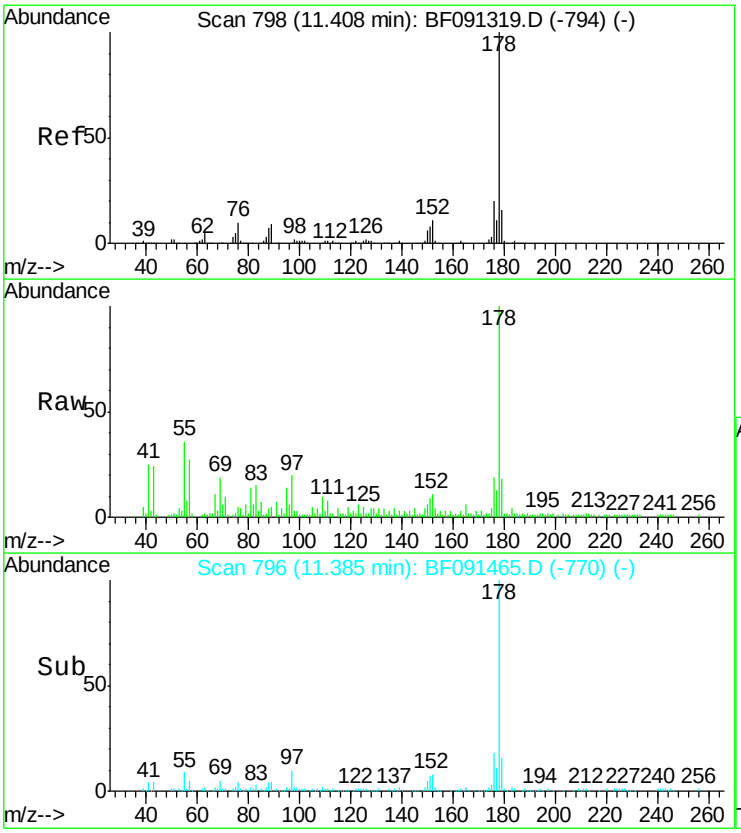
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2

Tgt Ion:188 Resp: 418636

Ion	Ratio	Lower	Upper
188	100		
94	4.7	9.2	13.8#
80	4.7	10.5	15.7#

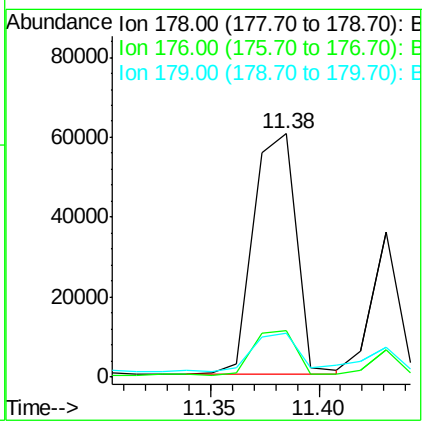


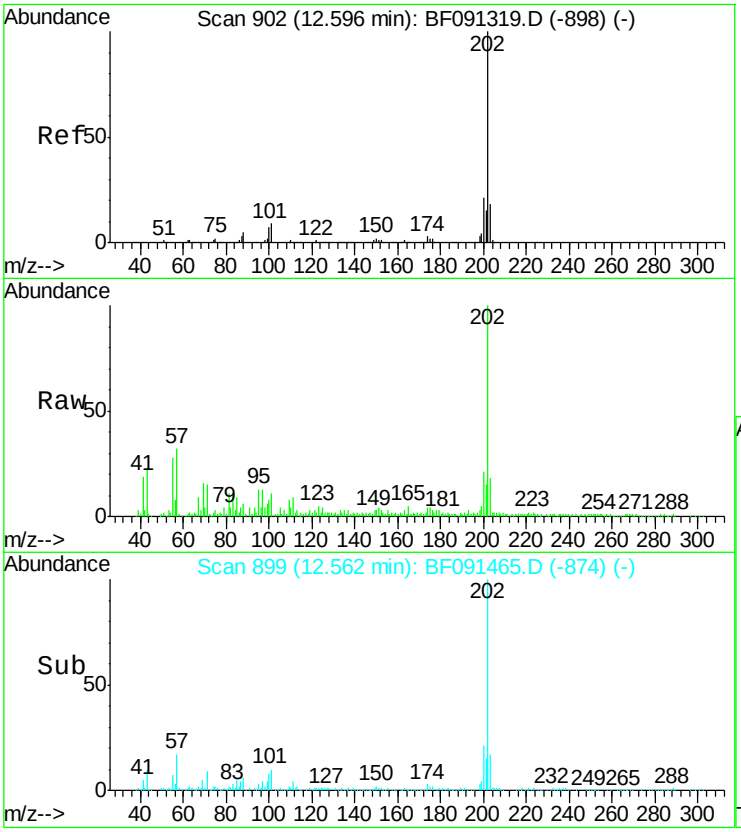


#70
Phenanthrene
Concen: 3.80 ng
RT: 11.38 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Tgt Ion:178 Resp: 82637

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	18.3	12.6	18.8



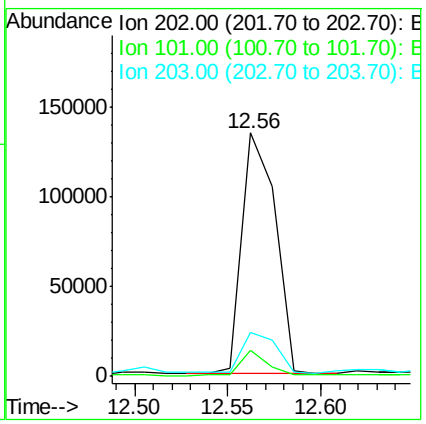


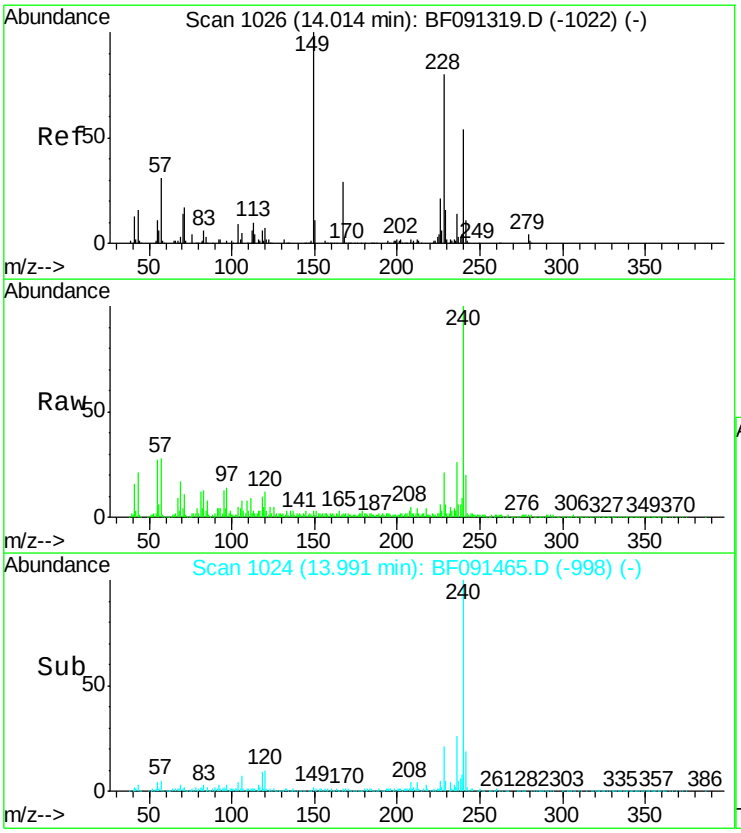
#74
Fluoranthene
Concen: 8.12 ng
RT: 12.56 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2

Tgt Ion:202 Resp: 167386

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	29.5
203	18.3	0.0	37.8

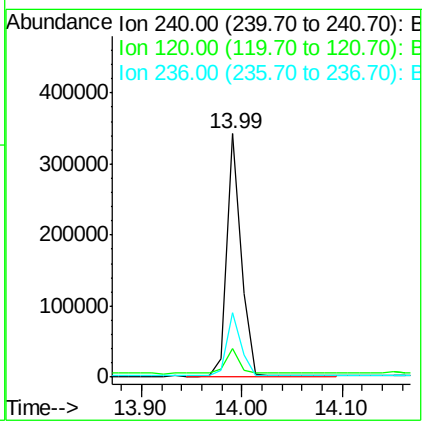


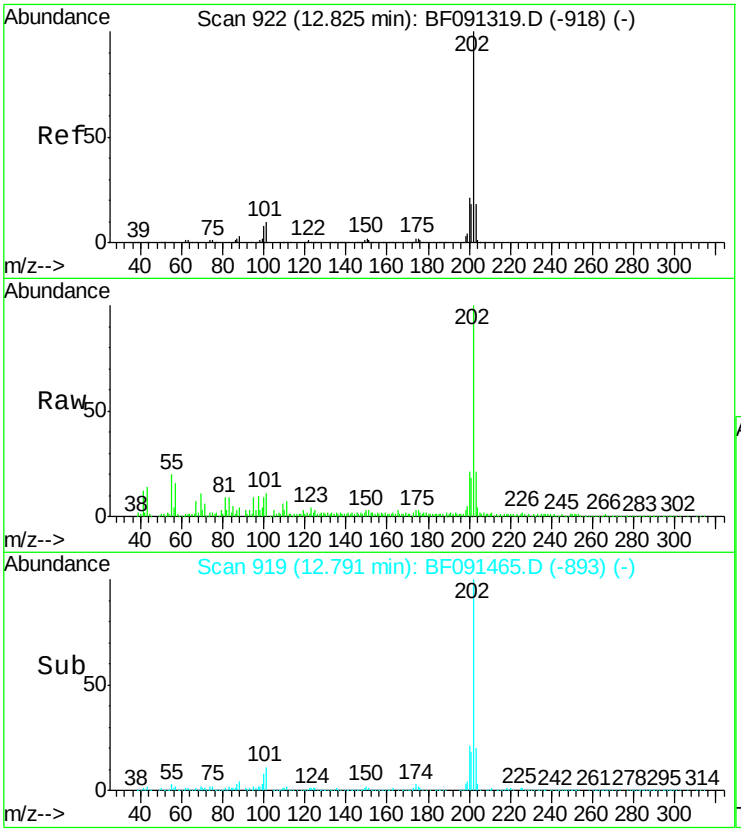


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Tgt Ion:240 Resp: 338332

Ion	Ratio	Lower	Upper
240	100		
120	11.7	12.1	18.1#
236	26.3	21.0	31.6



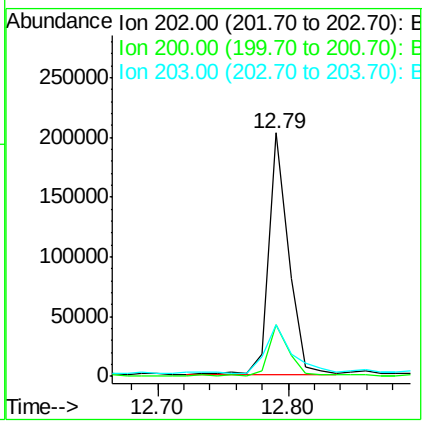


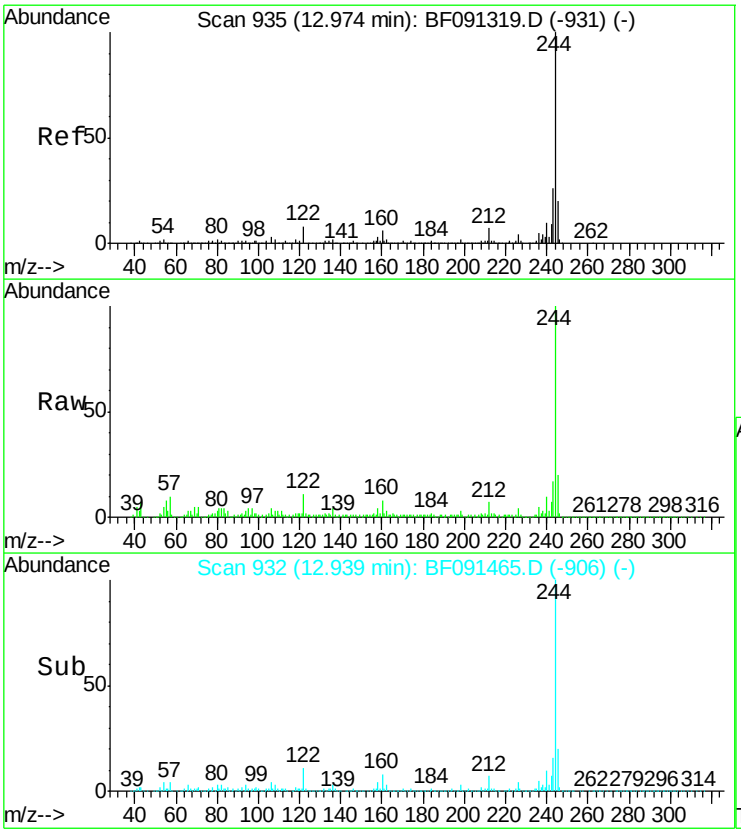
#77
Pyrene
Concen: 8.40 ng
RT: 12.79 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2

Tgt Ion:202 Resp: 215554

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	20.9	14.0	21.0

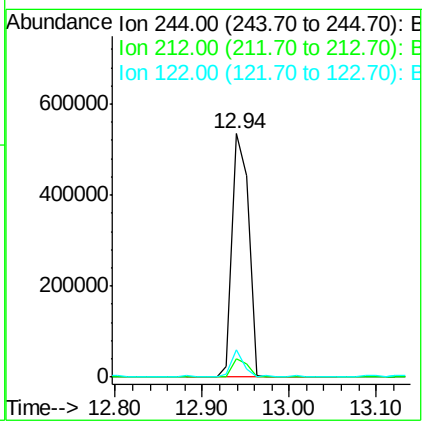


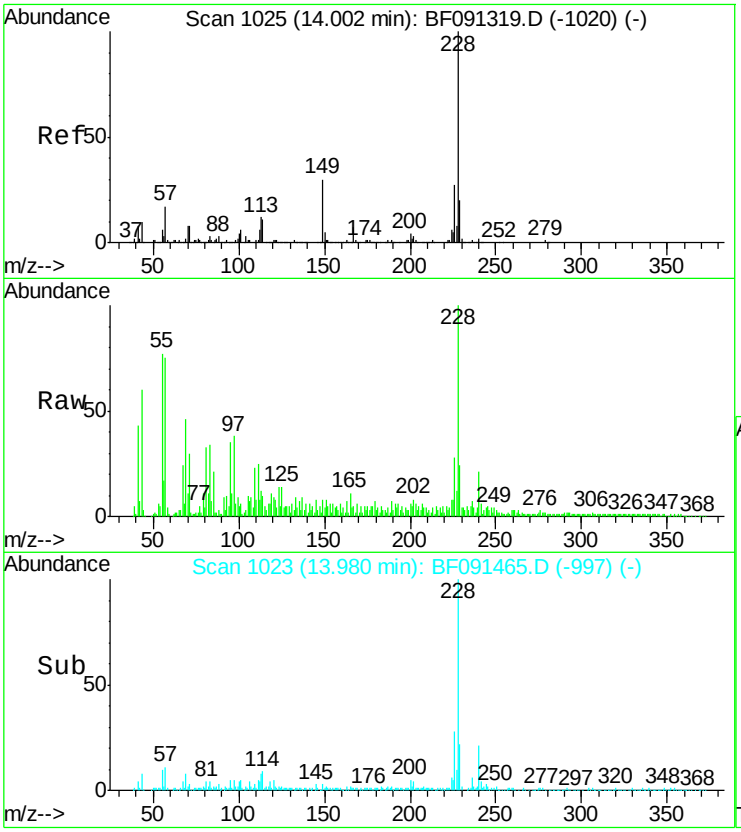


#78
Terphenyl-d14
Concen: 44.49 ng
RT: 12.94 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Tgt Ion:244 Resp: 692572

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	11.4	9.5	14.3



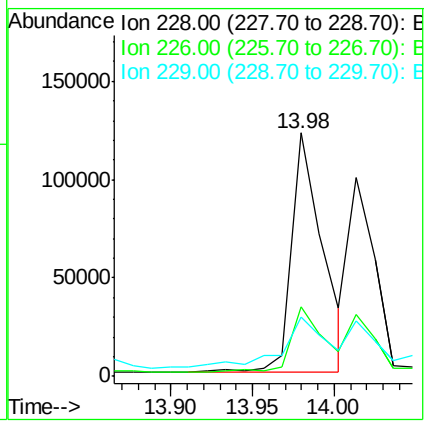


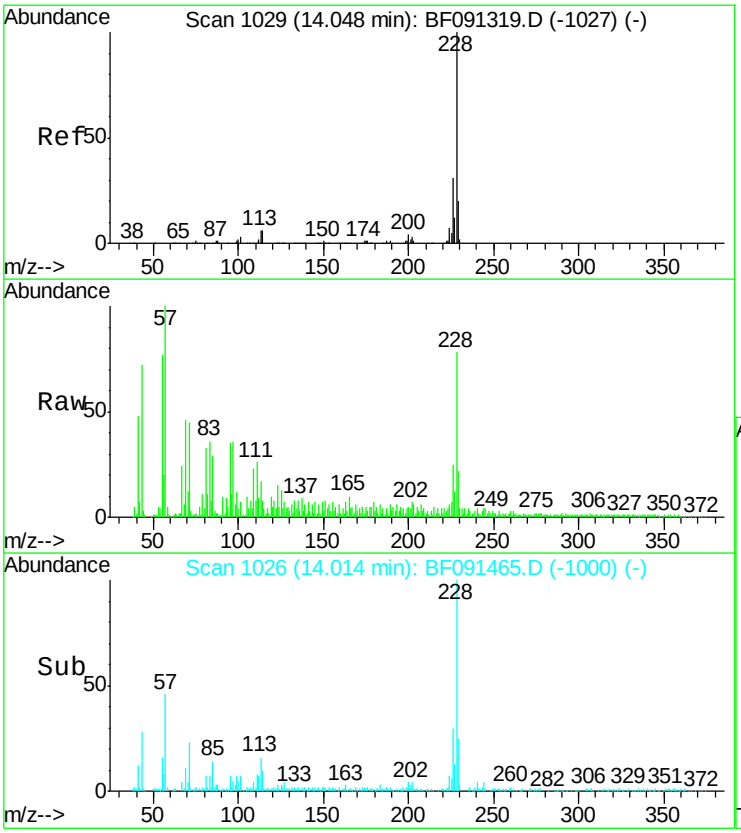
#80
Benzo(a)anthracene
Concen: 8.28 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2

Tgt Ion:228 Resp: 163925

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.5	33.7
229	24.2	16.4	24.6

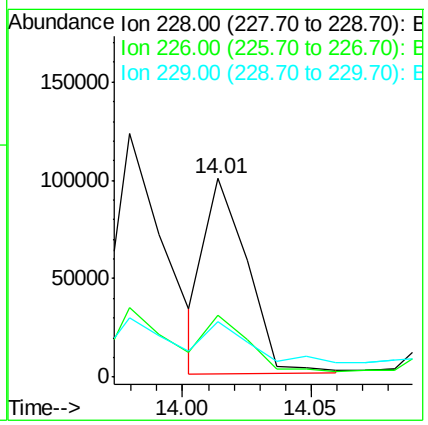


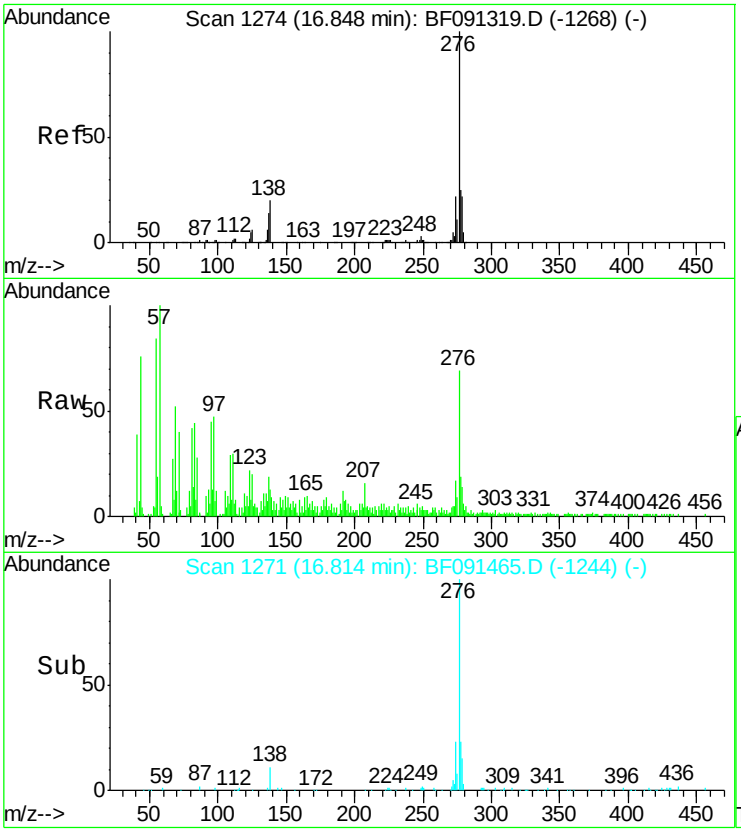


#82
Chrysene
Concen: 5.78 ng m
RT: 14.01 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Tgt Ion:228 Resp: 113114

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.4
229	28.2	16.0	24.0#



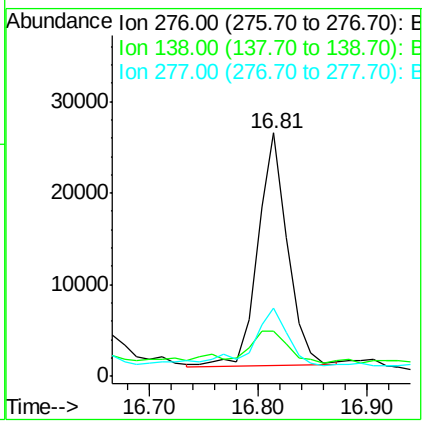


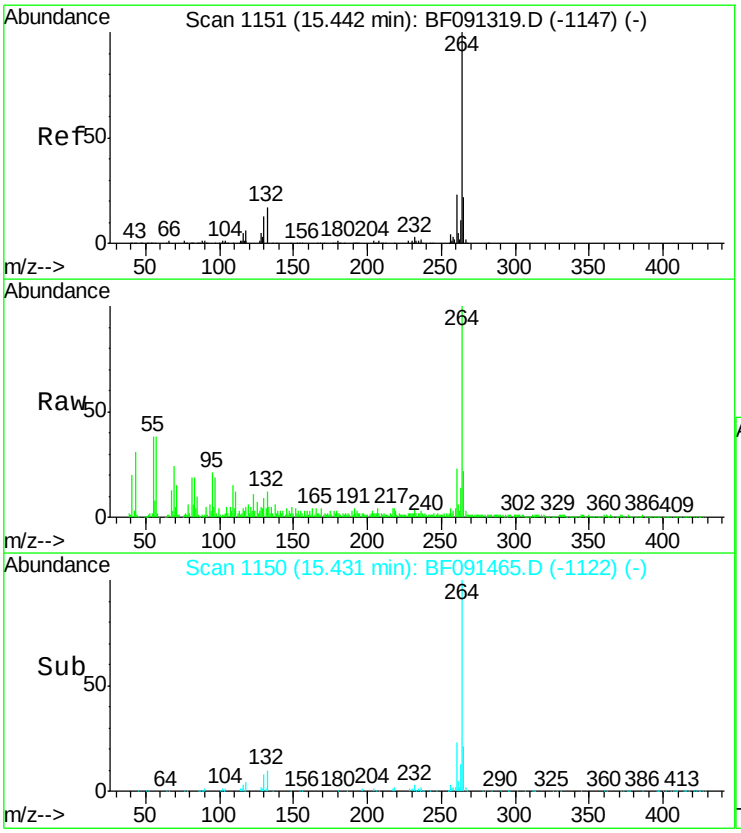
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.67 ng
RT: 16.81 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2

Tgt Ion:276 Resp: 47956

Ion	Ratio	Lower	Upper
276	100		
138	16.8	21.0	31.4#
277	32.1	20.2	30.2#

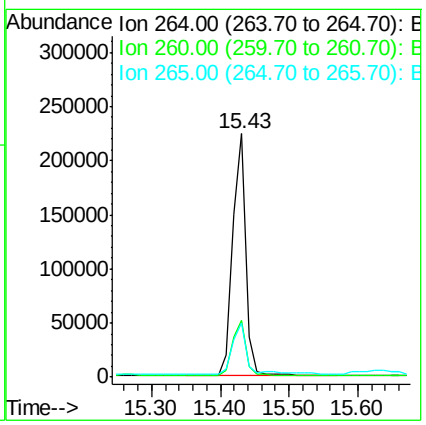


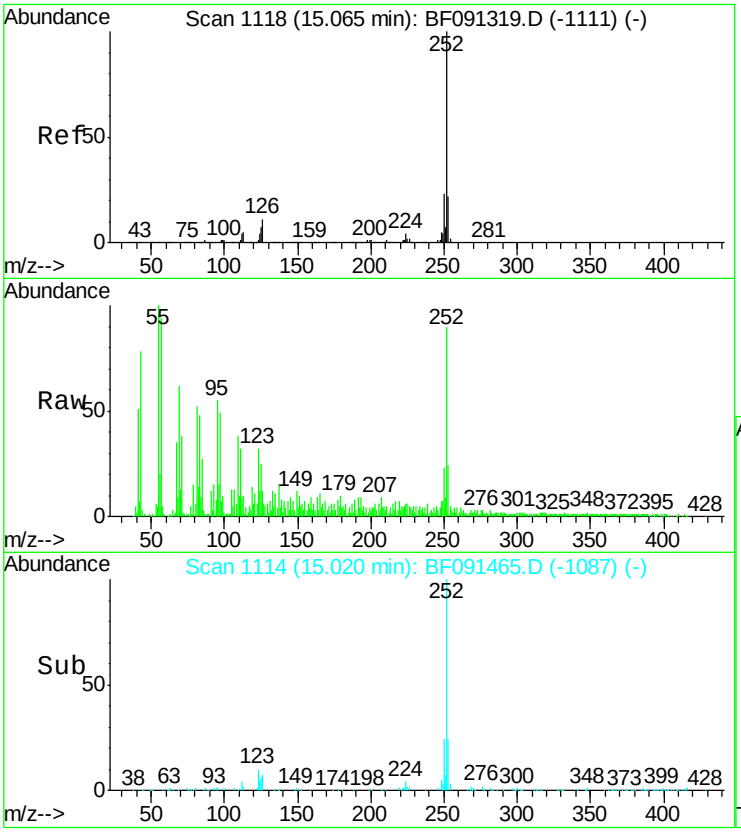


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. 0.02 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Tgt Ion:264 Resp: 302795

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	22.3	17.0	25.6



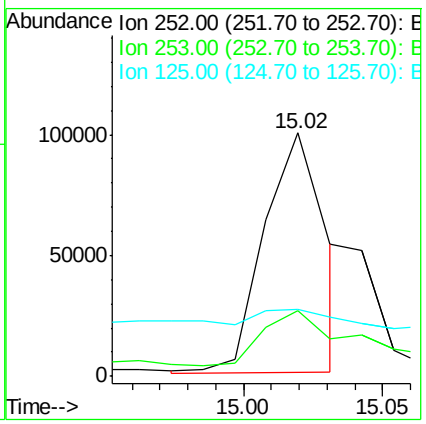


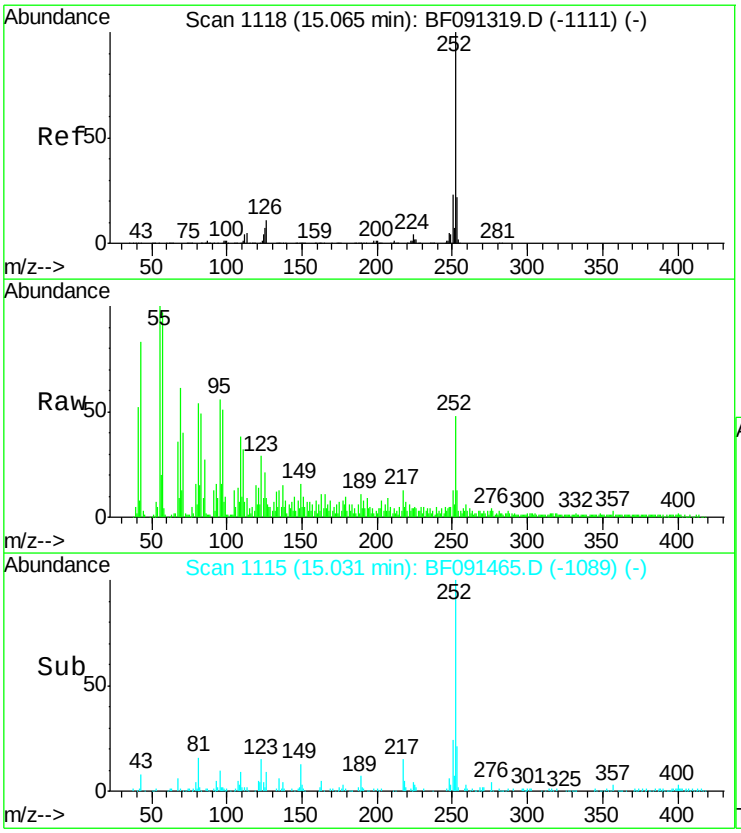
#87
Benzo(b)fluoranthene
Concen: 8.11 ng m
RT: 15.02 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2

Tgt Ion:252 Resp: 152549

Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.2	27.2
125	27.4	8.6	13.0#

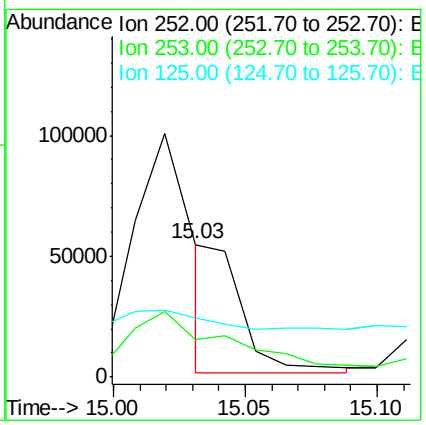


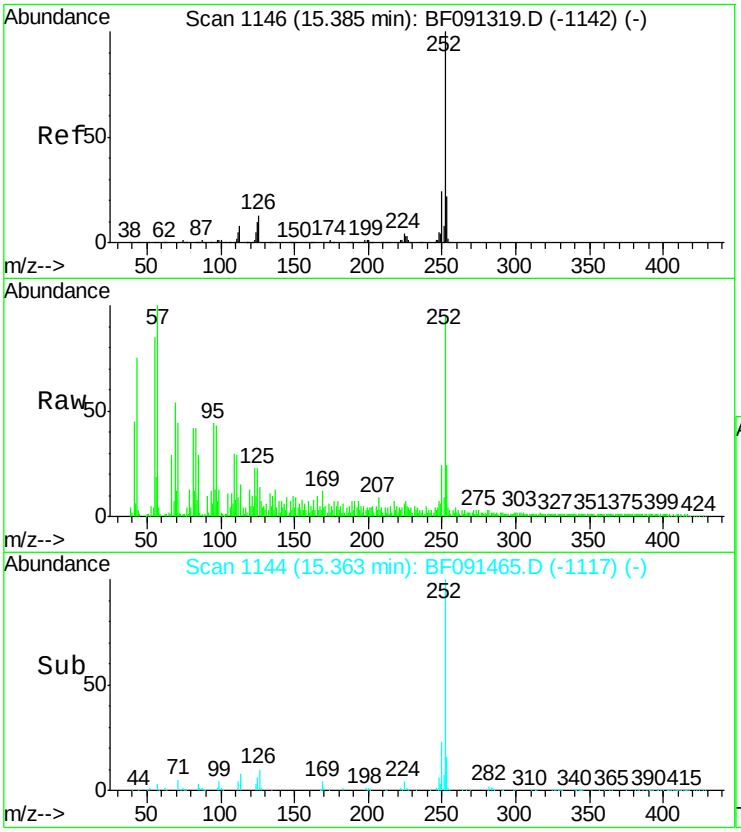


#88
Benzo(k)fluoranthene
Concen: 2.92 ng m
RT: 15.03 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Tgt Ion:252 Resp: 46199

Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.8	26.8#
125	44.3	9.6	14.4#



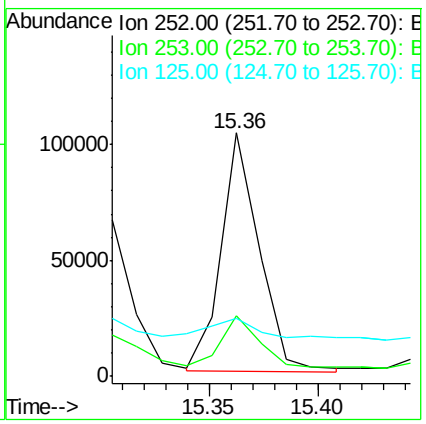


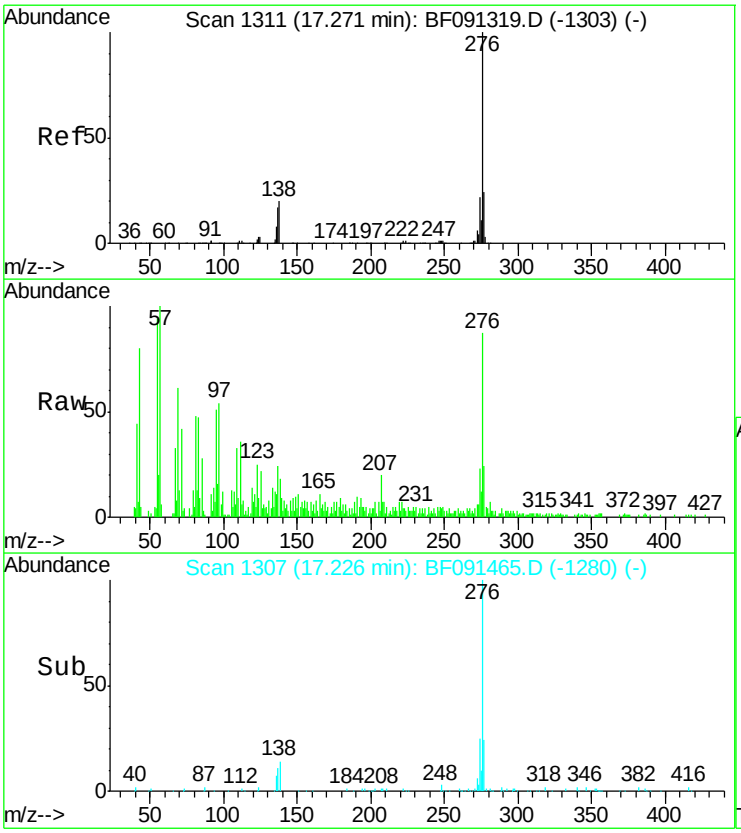
#89
Benzo(a)pyrene
Concen: 7.42 ng
RT: 15.36 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2

Tgt Ion:252 Resp: 125383

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.4
125	24.1	10.4	15.6#





#91
Benzo(g,h,i)perylene
Concen: 3.16 ng
RT: 17.23 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF091465.D
Acq: 6 Dec 2016 18:16

Tgt Ion:276 Resp: 50988

Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.0	28.4
138	20.4	15.4	23.0