Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091468.D
Acq On : 6 Dec 2016 19:41
Operator : UM/SJ
Sample : H5836-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP16-COMP3

Quant Time: Dec 07 01:02:27 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	126911	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	493191	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	258407	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	374359	20.00	ng		0.00
75) Chrysene-d12	13.99	240	276213	20.00	ng		0.00
86) Perylene-d12	15.43	264	244929	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1033763	133.07	ng		0.01
7) Phenol-d6	6.48	99	1295010	135.42	ng		0.01
23) Nitrobenzene-d5	7.41	82	803560	91.31	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	269195	110.04	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	1059632	74.25	ng		0.00
78) Terphenyl-d14	12.95	244	794938	62.55	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.49	94	76342	6.78	ng		86
49) Dimethylphthalate	9.60	163	196812	12.58	ng	#	99
70) Phenanthrene	11.38	178	126205	6.49	ng		99
71) Anthracene	11.43	178	39814	2.06	ng		96
74) Fluoranthene	12.57	202	263465	14.30	ng		99
77) Pyrene	12.79	202	233002m	11.12	ng		
80) Benzo(a)anthracene	13.98	228	148201	9.17	ng		95
82) Chrysene	14.01	228	111416m	6.97	ng		
85) Indeno(1,2,3-cd)pyrene	16.81	276	51320	3.51	ng	#	87
87) Benzo(b)fluoranthene	15.02	252	135782m	8.92	ng		
88) Benzo(k)fluoranthene	15.04	252	42346m	3.31	ng		
89) Benzo(a)pyrene	15.36	252	101584	7.43	ng	#	90
91) Benzo(g,h,i)perylene	17.23	276	48850	3.75	ng	#	92

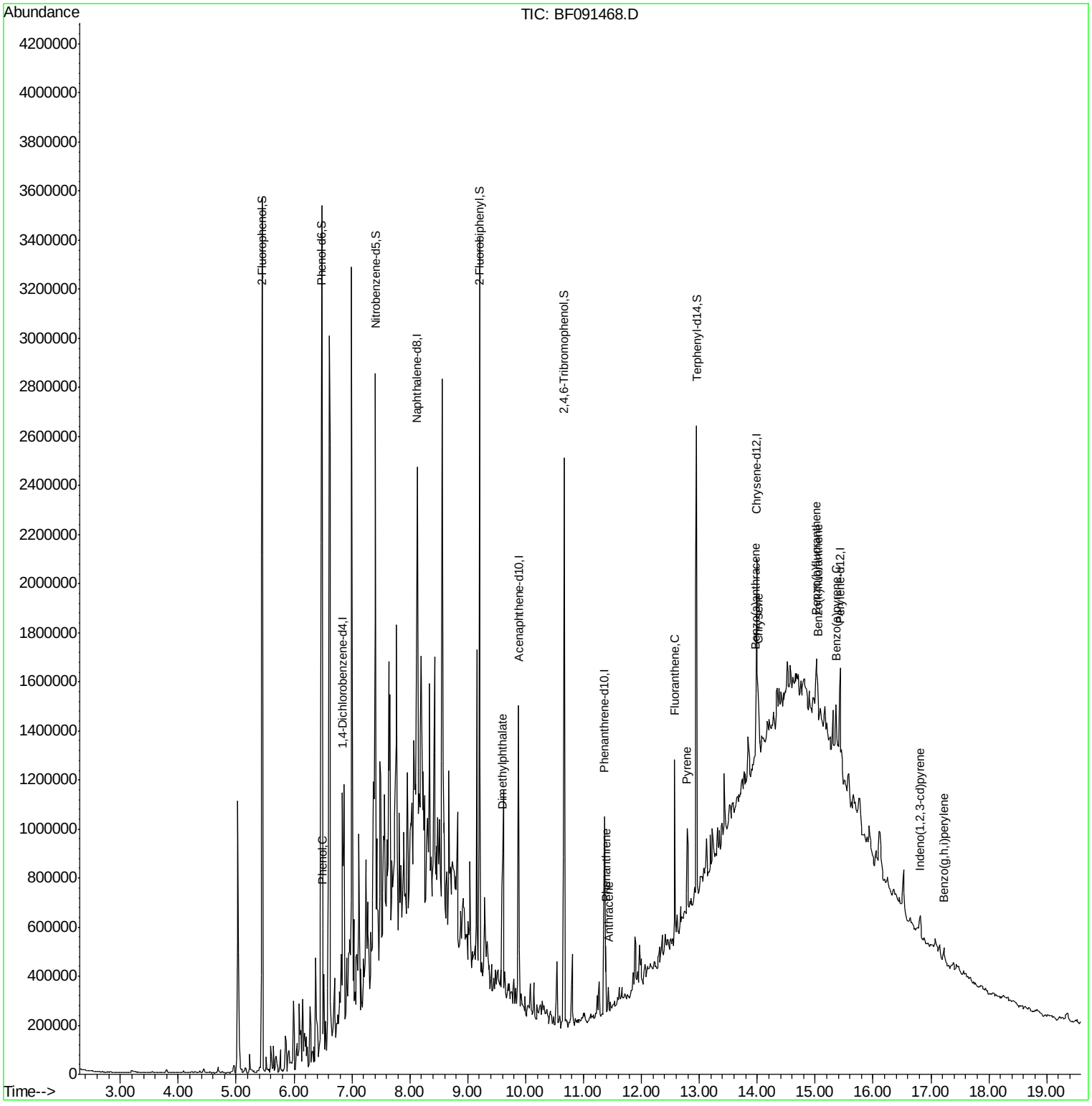
(#) = qualifier out of range (m) = manual integration (+) = signals summed

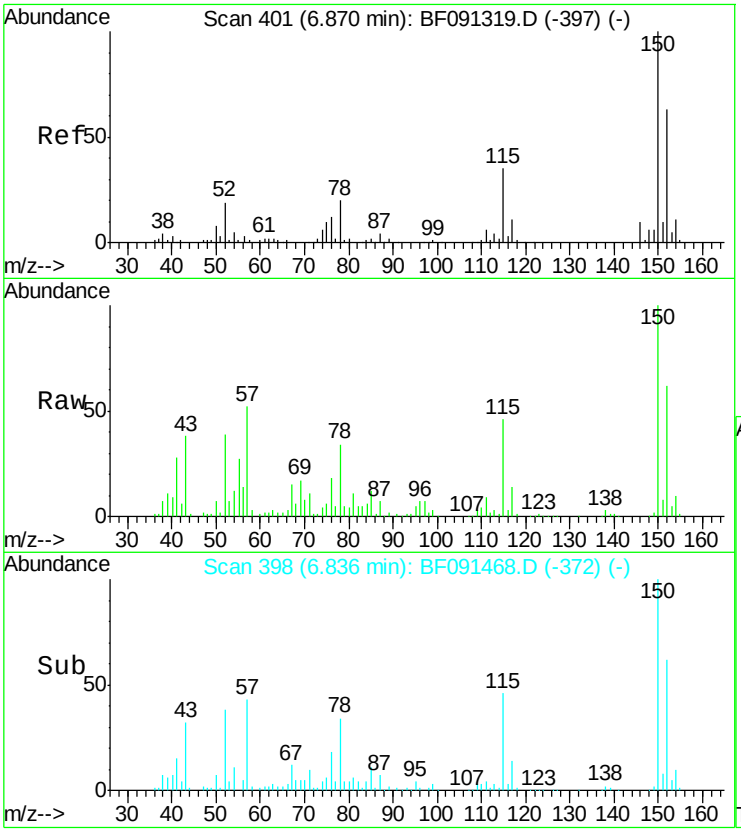
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091468.D
Acq On : 6 Dec 2016 19:41
Operator : UM/SJ
Sample : H5836-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP16-COMP3

Quant Time: Dec 07 01:02:27 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



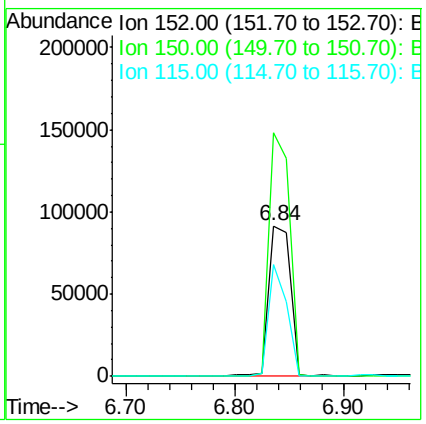


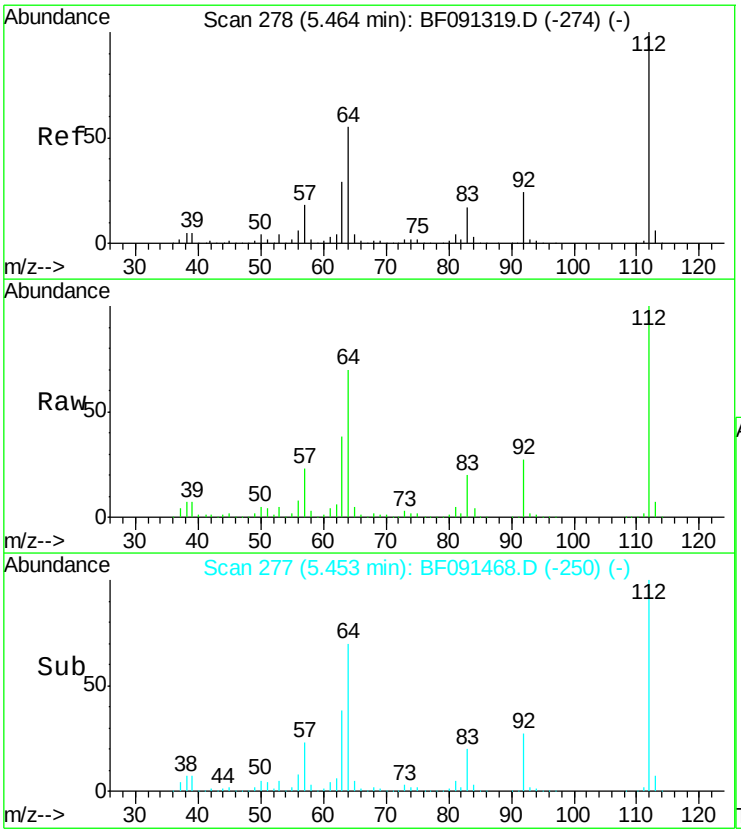
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Instrument :
BNA_F
ClientSampleId :
TP16-COMP3

Tgt Ion:152 Resp: 126911

Ion	Ratio	Lower	Upper
152	100		
150	162.0	122.5	183.7
115	74.3	51.8	77.8

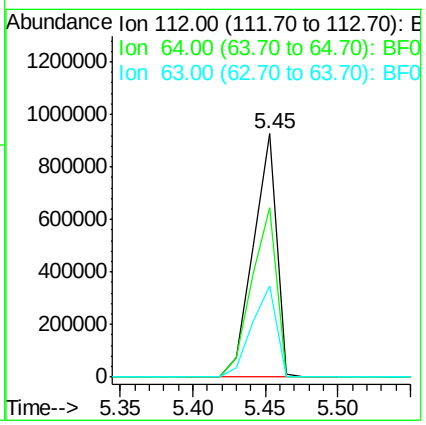


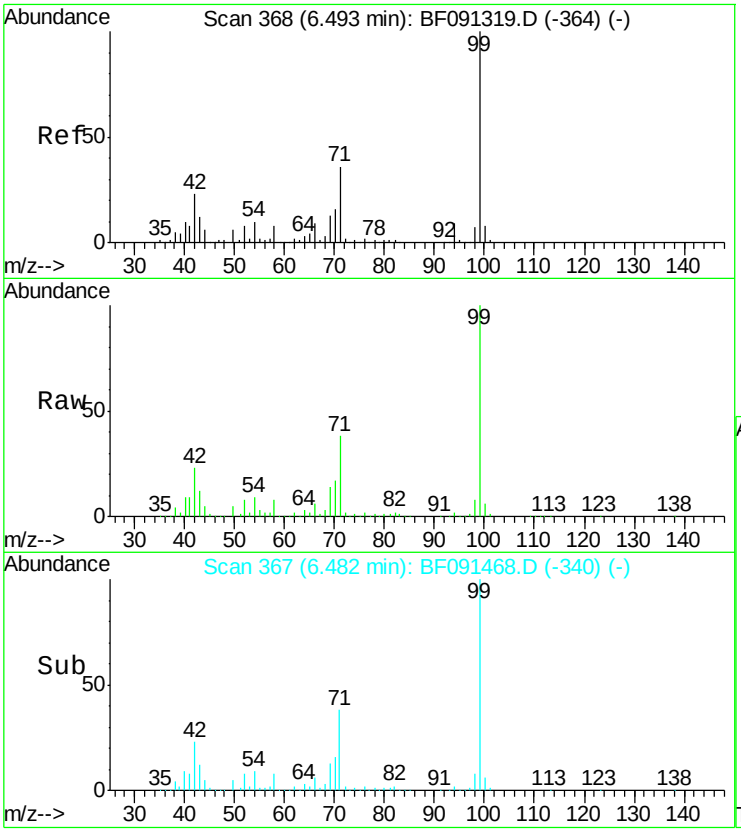


#5
2-Fluorophenol
Concen: 133.07 ng
RT: 5.45 min Scan# 277
Delta R.T. 0.01 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Tgt Ion:112 Resp: 1033763

Ion	Ratio	Lower	Upper
112	100		
64	69.5	61.5	92.3
63	37.7	33.3	49.9



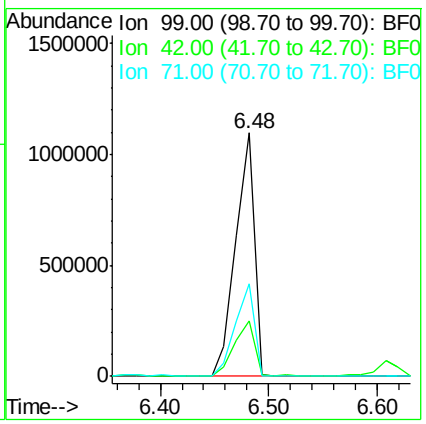


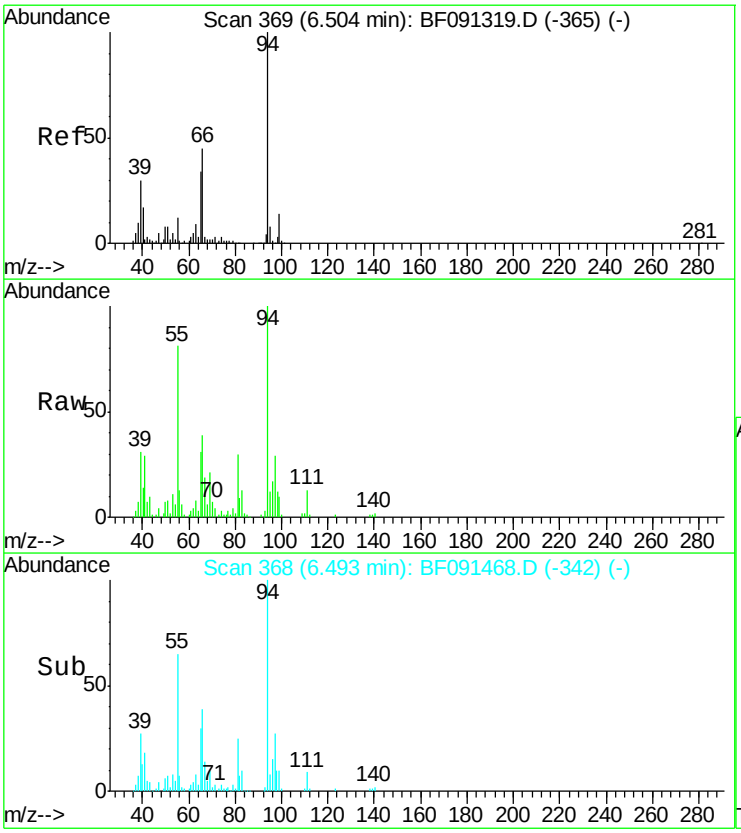
#7
Phenol-d6
Concen: 135.42 ng
RT: 6.48 min Scan# 367
Delta R.T. 0.01 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Instrument :
BNA_F
ClientSampleId :
TP16-COMP3

Tgt Ion: 99 Resp: 1295010

Ion	Ratio	Lower	Upper
99	100		
42	22.9	20.6	31.0
71	37.8	29.9	44.9

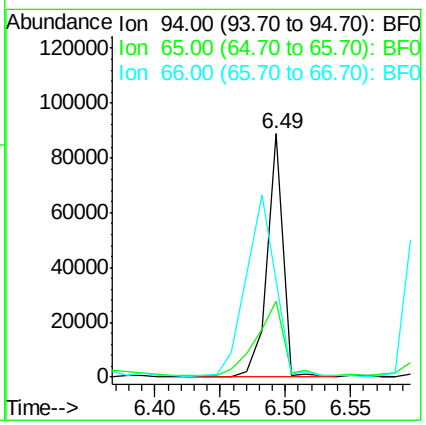


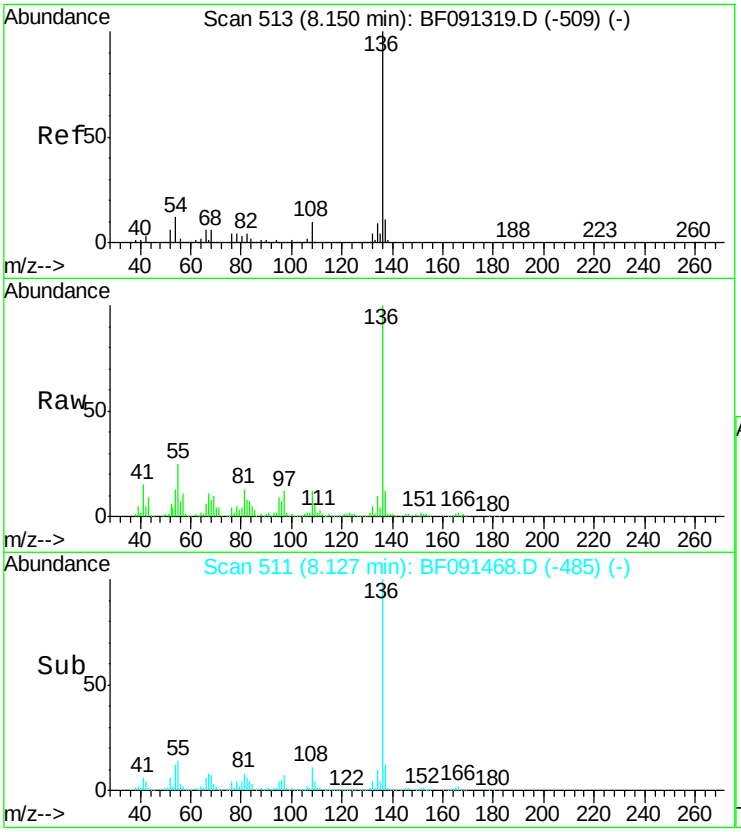


#10
Phenol
Concen: 6.78 ng
RT: 6.49 min Scan# 368
Delta R.T. 0.00 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Tgt Ion: 94 Resp: 76342

Ion	Ratio	Lower	Upper
94	100		
65	31.0	16.9	56.9
66	39.4	30.6	70.6



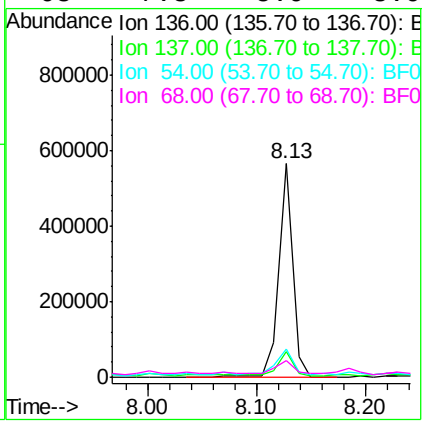


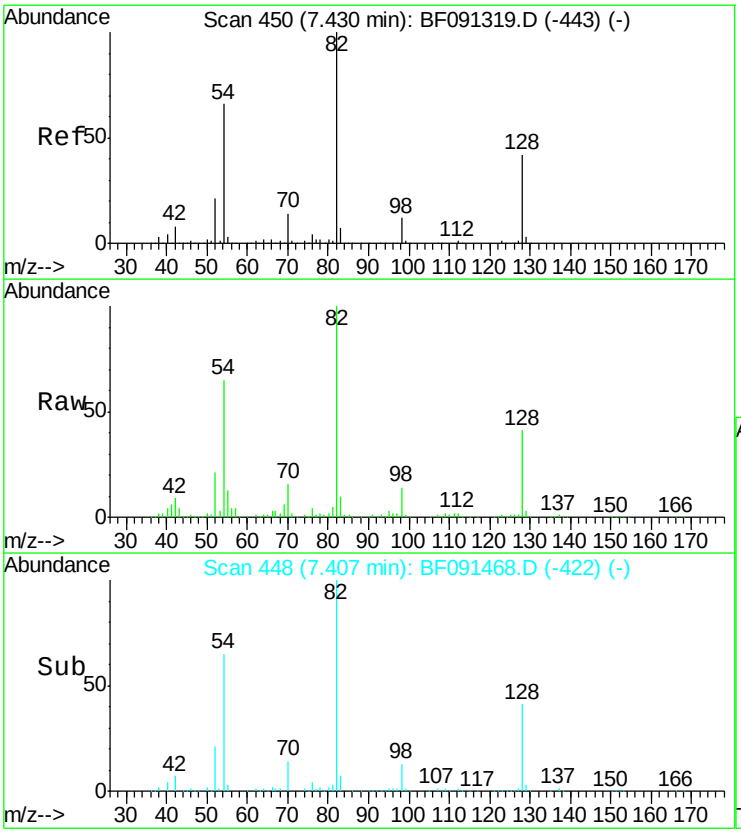
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Instrument :
BNA_F
ClientSampleId :
TP16-COMP3

Tgt Ion:136 Resp: 493191

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.1	13.7
54	13.3	9.1	13.7
68	7.8	5.9	8.9

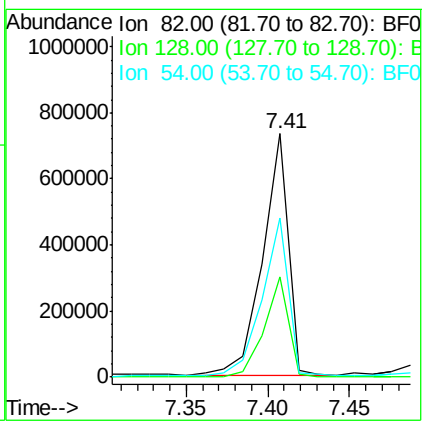


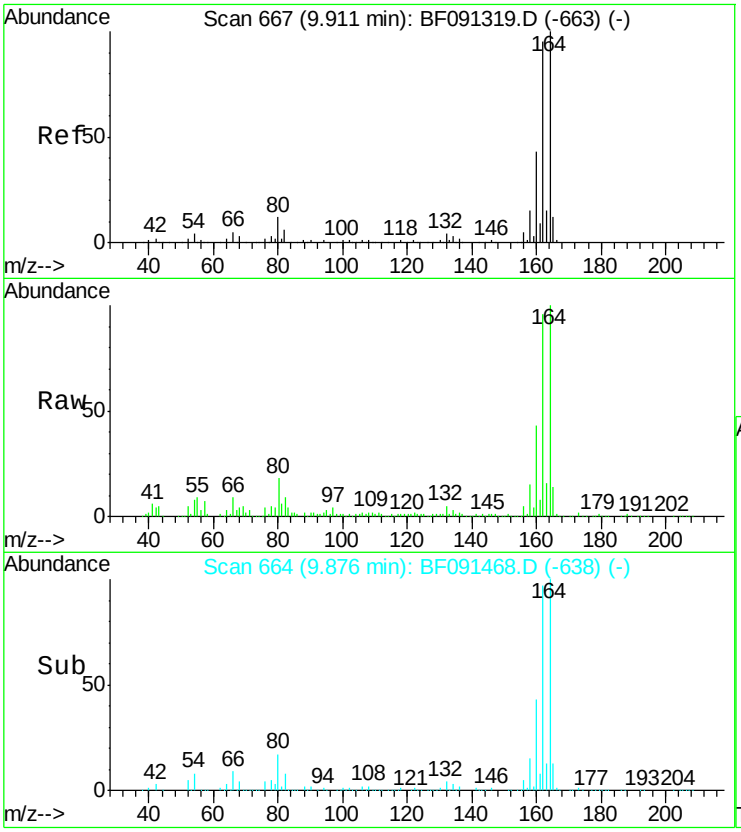


#23
Nitrobenzene-d5
Concen: 91.31 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Tgt Ion: 82 Resp: 803560

Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.8	47.6
54	65.4	49.1	73.7



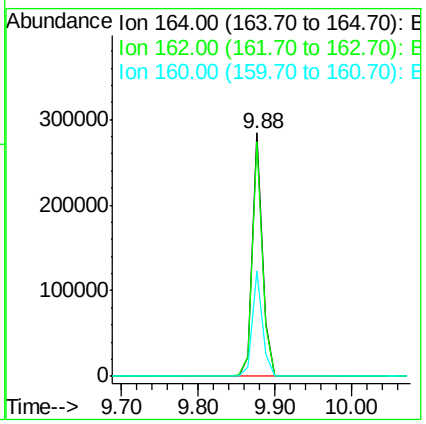


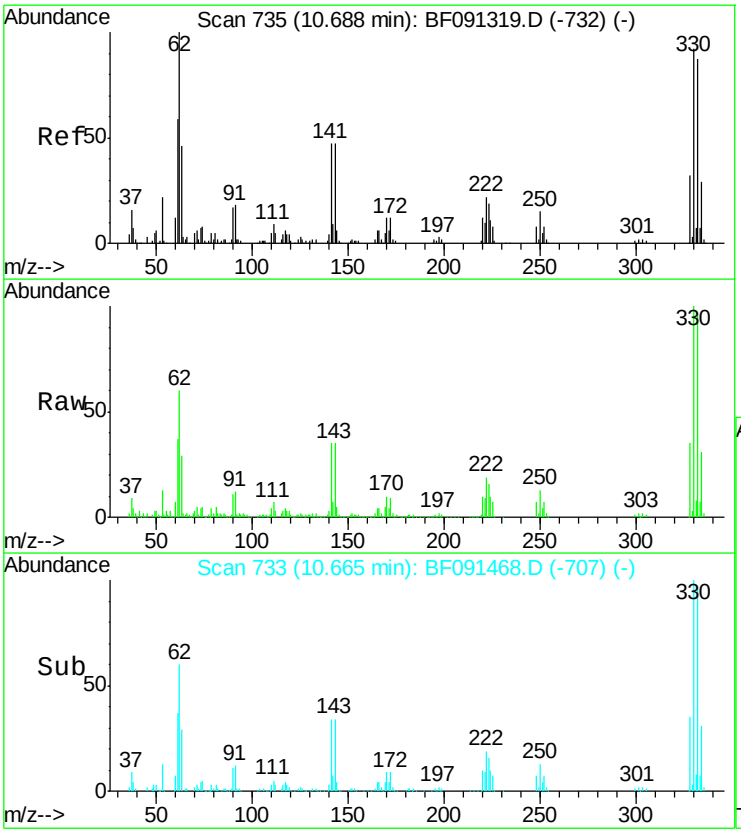
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Instrument :
BNA_F
ClientSampleId :
TP16-COMP3

Tgt Ion:164 Resp: 258407

Ion	Ratio	Lower	Upper
164	100		
162	96.4	82.6	124.0
160	43.5	36.7	55.1

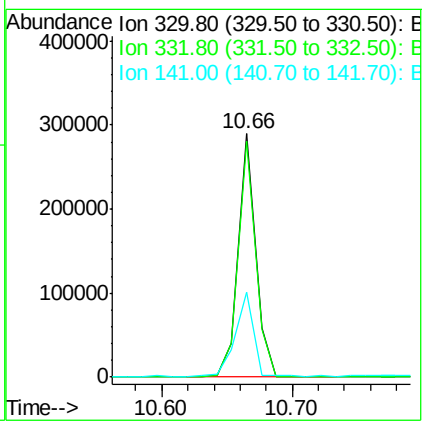


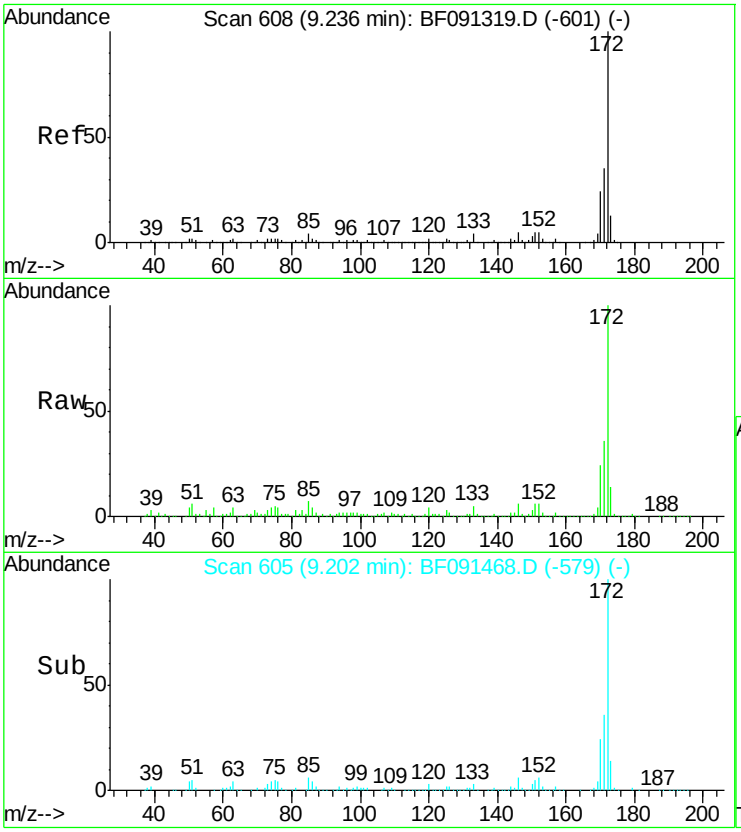


#41
2,4,6-Tribromophenol
Concen: 110.04 ng
RT: 10.66 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Tgt Ion:330 Resp: 269195

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.2	114.4
141	34.8	33.6	50.4



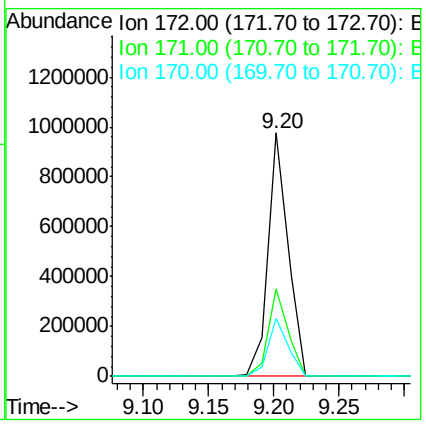


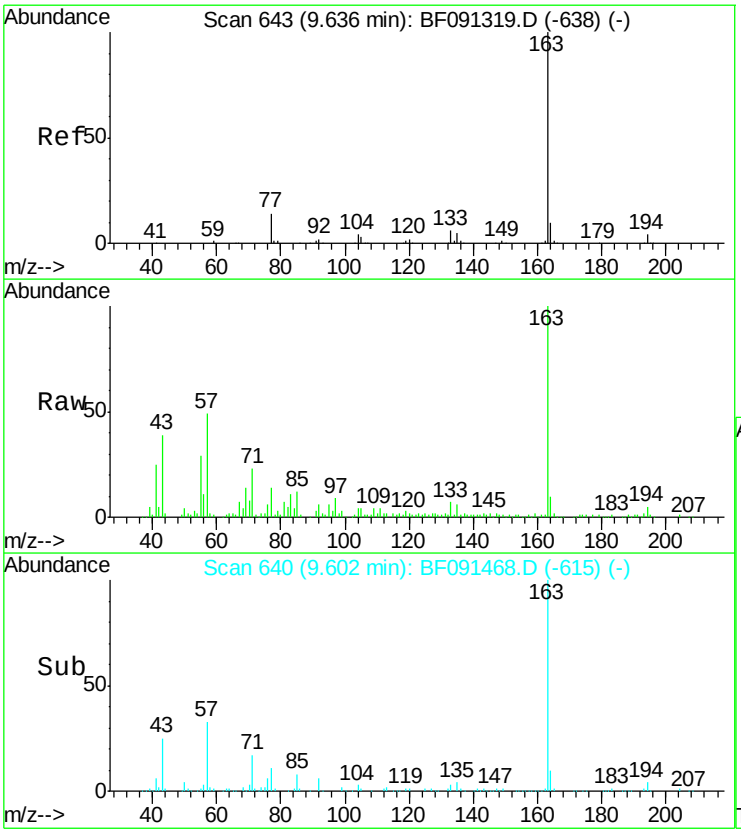
#44
2-Fluorobiphenyl
Concen: 74.25 ng
RT: 9.20 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Instrument :
BNA_F
ClientSampleId :
TP16-COMP3

Tgt Ion:172 Resp: 1059632

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	23.8	19.7	29.5

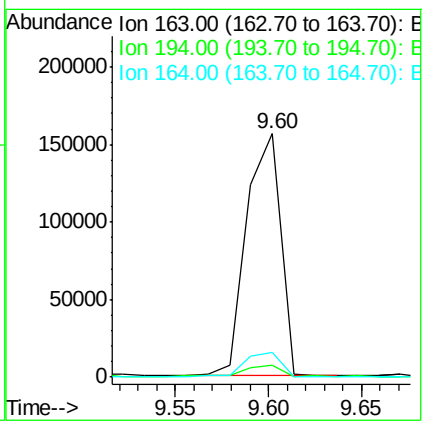


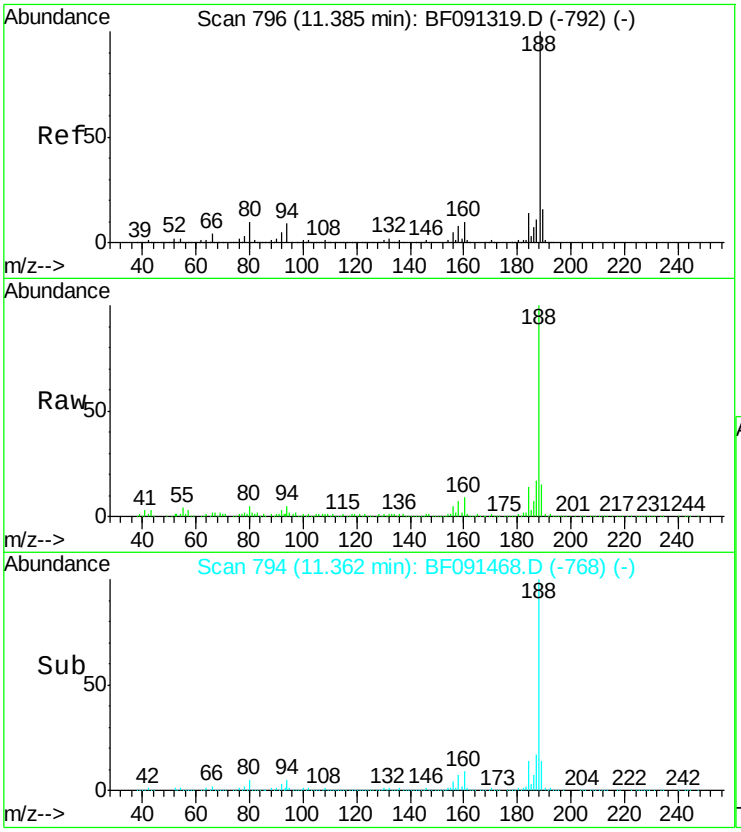


#49
Dimethylphthalate
Concen: 12.58 ng
RT: 9.60 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Tgt Ion:163 Resp: 196812

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.0	4.4#
164	10.1	7.8	11.8



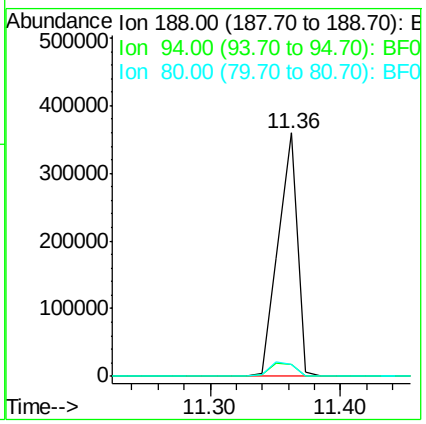


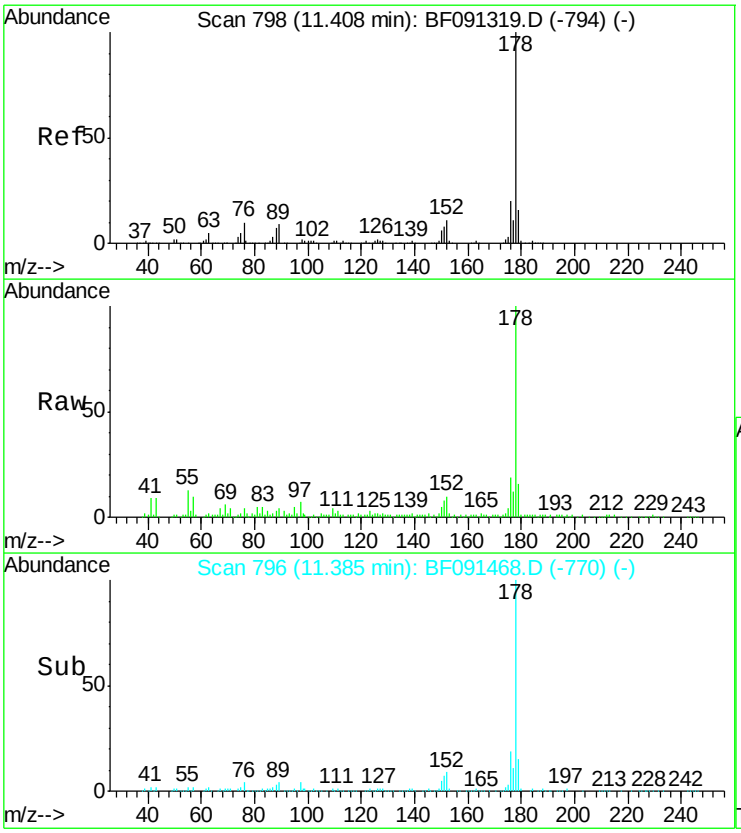
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Instrument :
BNA_F
ClientSampleId :
TP16-COMP3

Tgt Ion:188 Resp: 374359

Ion	Ratio	Lower	Upper
188	100		
94	5.0	9.2	13.8#
80	4.9	10.5	15.7#

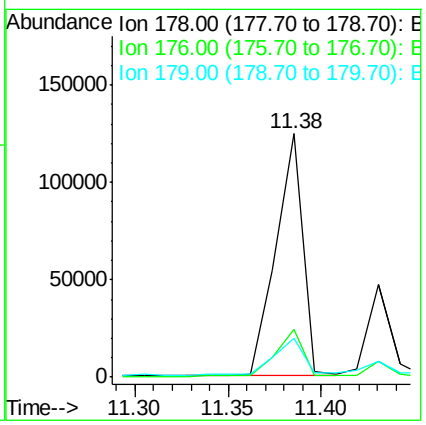


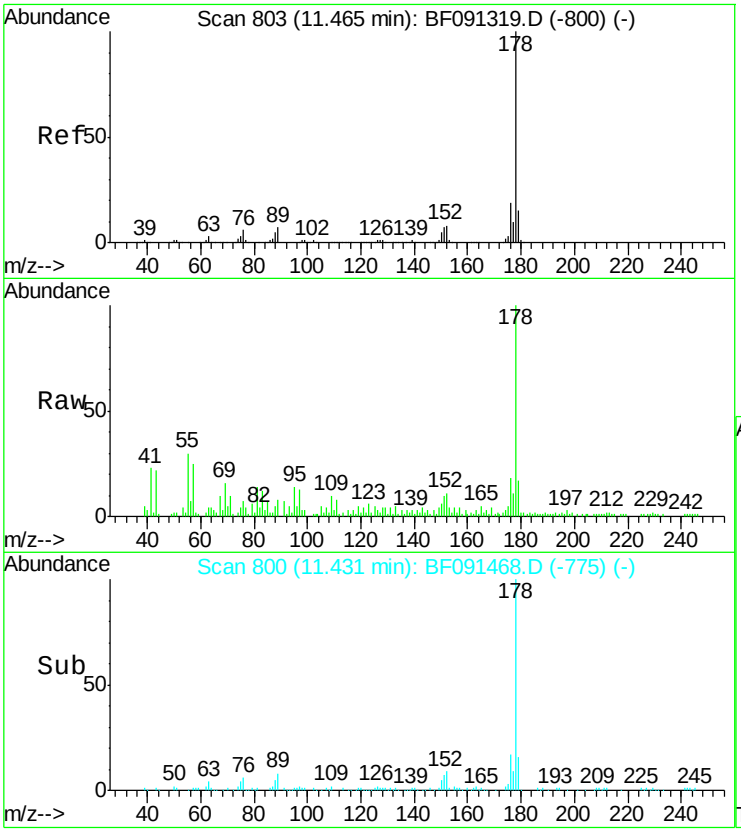


#70
Phenanthrene
Concen: 6.49 ng
RT: 11.38 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Tgt Ion:178 Resp: 126205

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	16.1	12.6	18.8



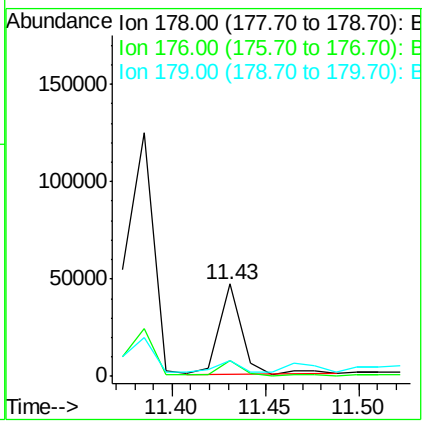


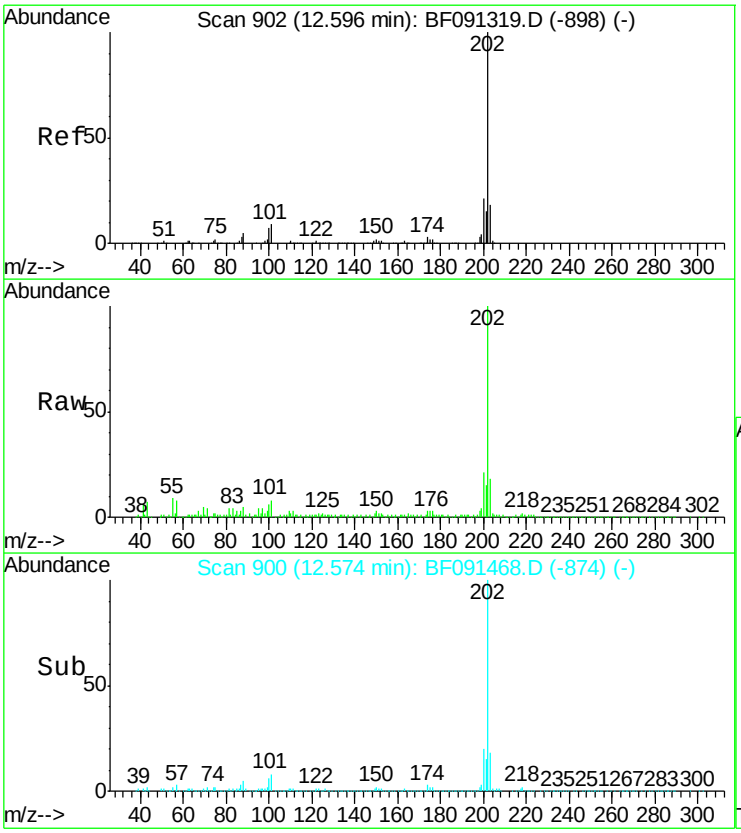
#71
Anthracene
Concen: 2.06 ng
RT: 11.43 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Instrument :
BNA_F
ClientSampleId :
TP16-COMP3

Tgt Ion:178 Resp: 39814

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.8	23.6
179	17.5	12.7	19.1

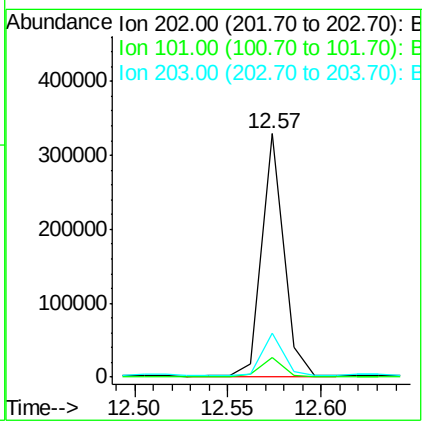


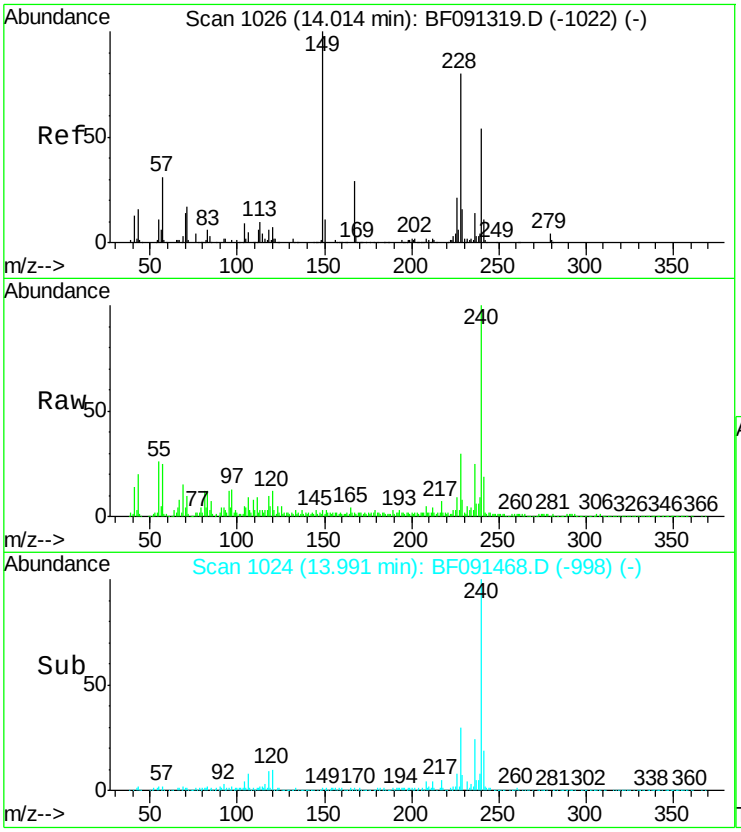


#74
Fluoranthene
Concen: 14.30 ng
RT: 12.57 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Tgt Ion:202 Resp: 263465

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	29.5
203	17.9	0.0	37.8



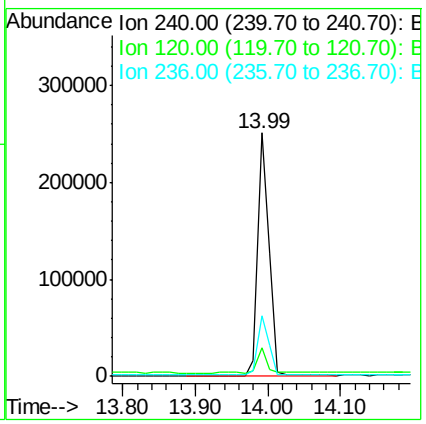


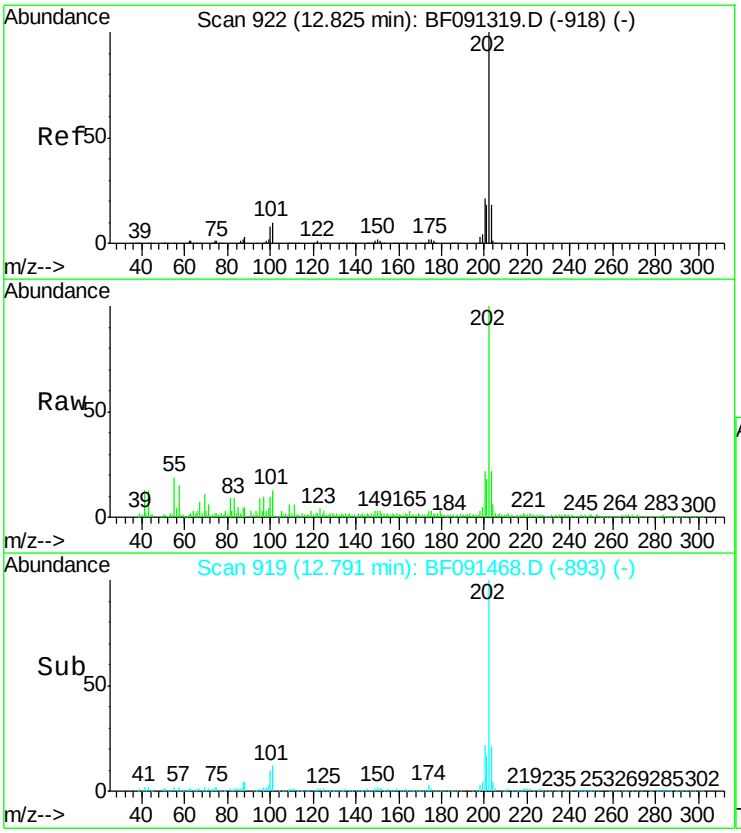
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Instrument :
BNA_F
ClientSampleId :
TP16-COMP3

Tgt Ion:240 Resp: 276213

Ion	Ratio	Lower	Upper
240	100		
120	11.8	12.1	18.1#
236	24.8	21.0	31.6

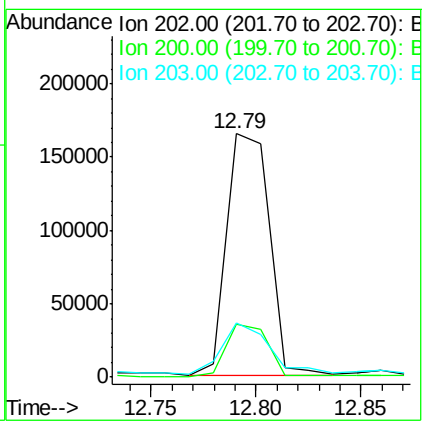


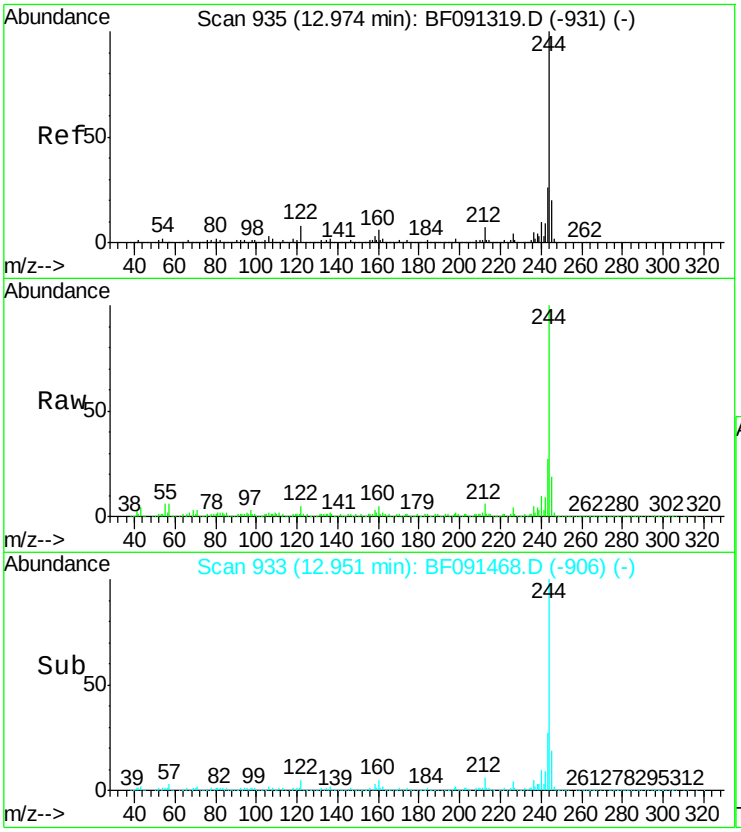


#77
Pyrene
Concen: 11.12 ng m
RT: 12.79 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Tgt Ion:202 Resp: 233002

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	22.1	14.0	21.0#



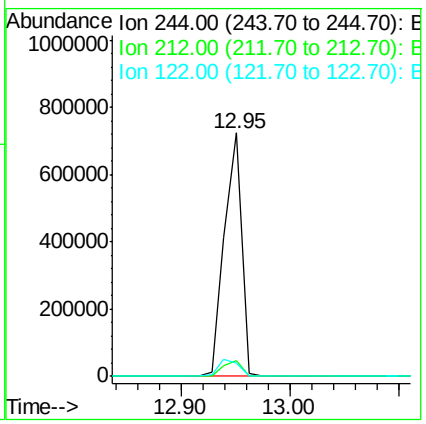


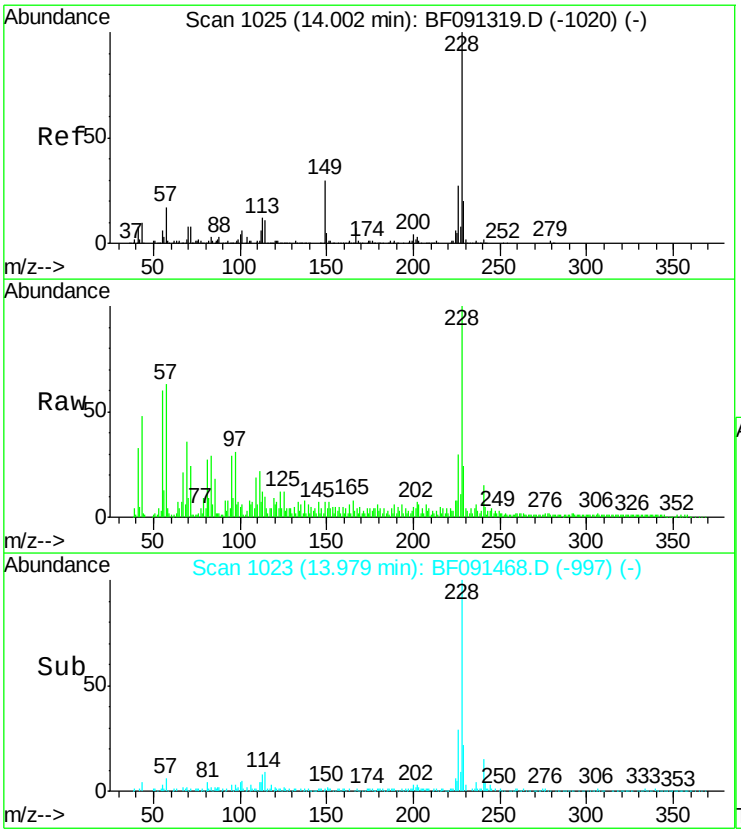
#78
Terphenyl-d14
Concen: 62.55 ng
RT: 12.95 min Scan# 933
Delta R.T. 0.01 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Instrument :
BNA_F
ClientSampleId :
TP16-COMP3

Tgt Ion:244 Resp: 794938

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.5	9.7#
122	5.2	9.5	14.3#

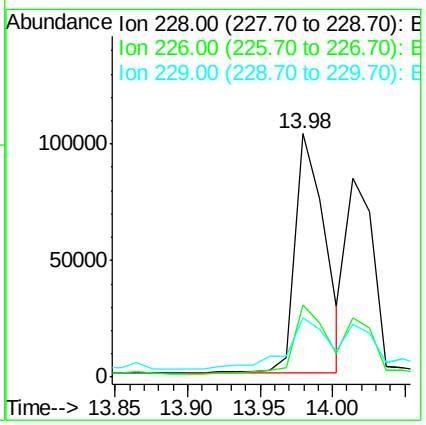


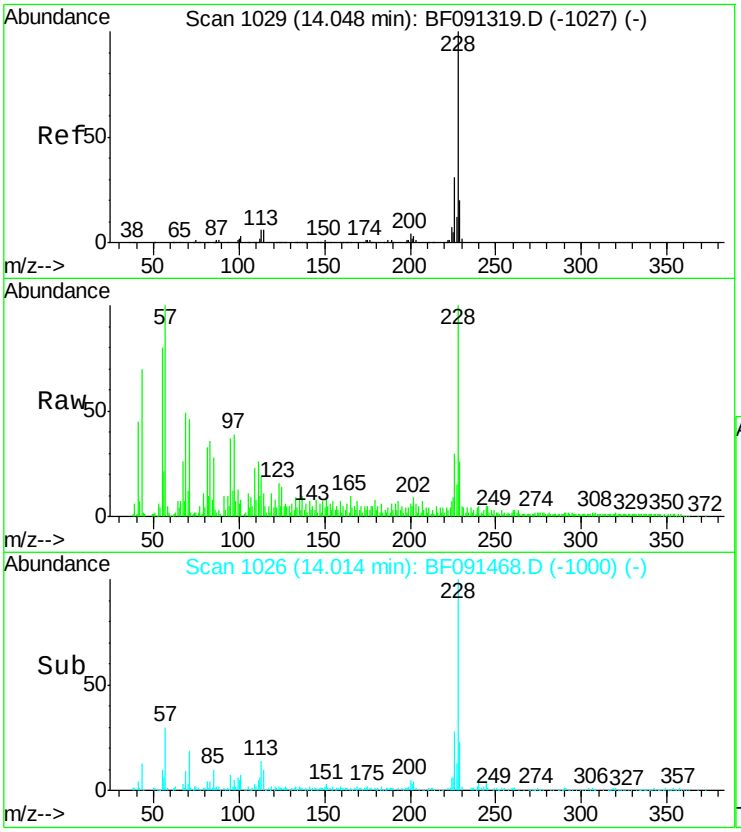


#80
Benzo(a)anthracene
Concen: 9.17 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Tgt Ion:228 Resp: 148201

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.5	33.7
229	24.4	16.4	24.6



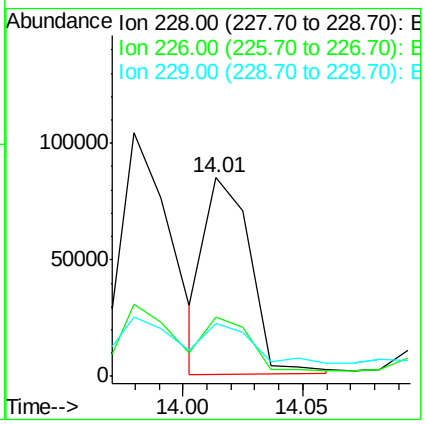


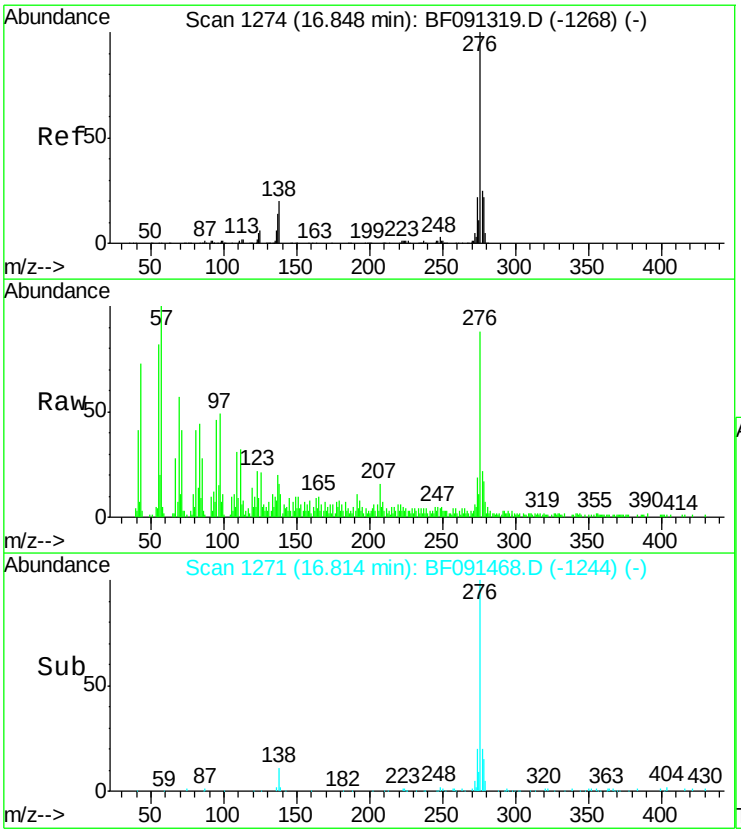
#82
Chrysene
Concen: 6.97 ng m
RT: 14.01 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Instrument :
BNA_F
ClientSampleId :
TP16-COMP3

Tgt Ion:228 Resp: 111416

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.4
229	26.5	16.0	24.0#

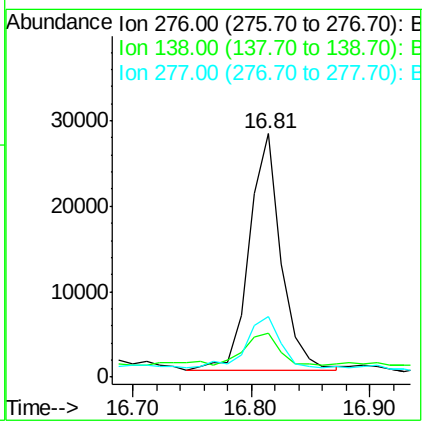


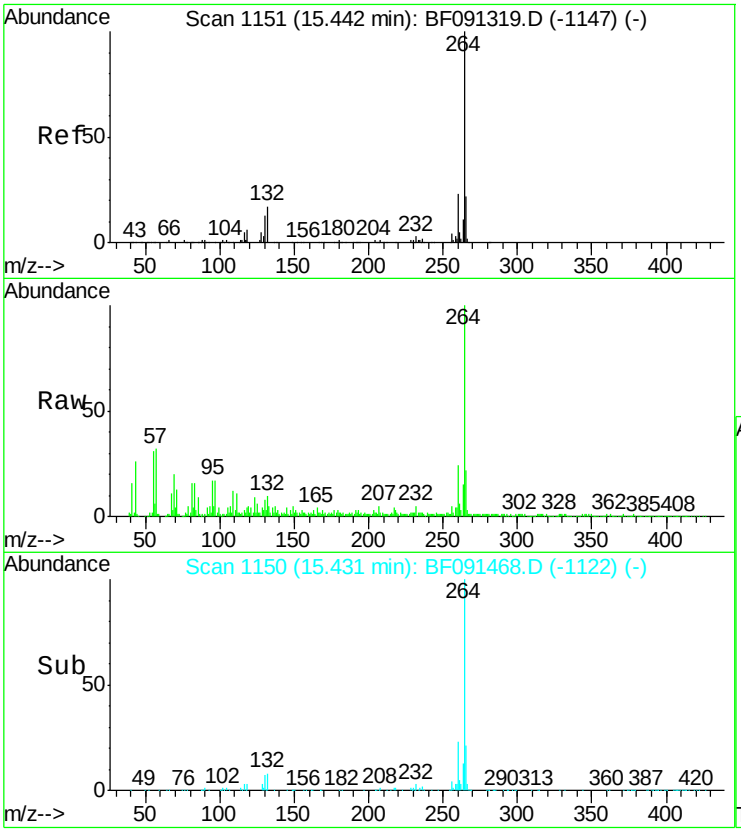


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.51 ng
RT: 16.81 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Tgt Ion:276 Resp: 51320

Ion	Ratio	Lower	Upper
276	100		
138	15.3	21.0	31.4#
277	23.3	20.2	30.2



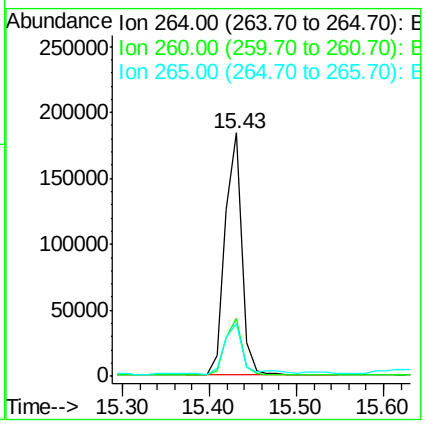


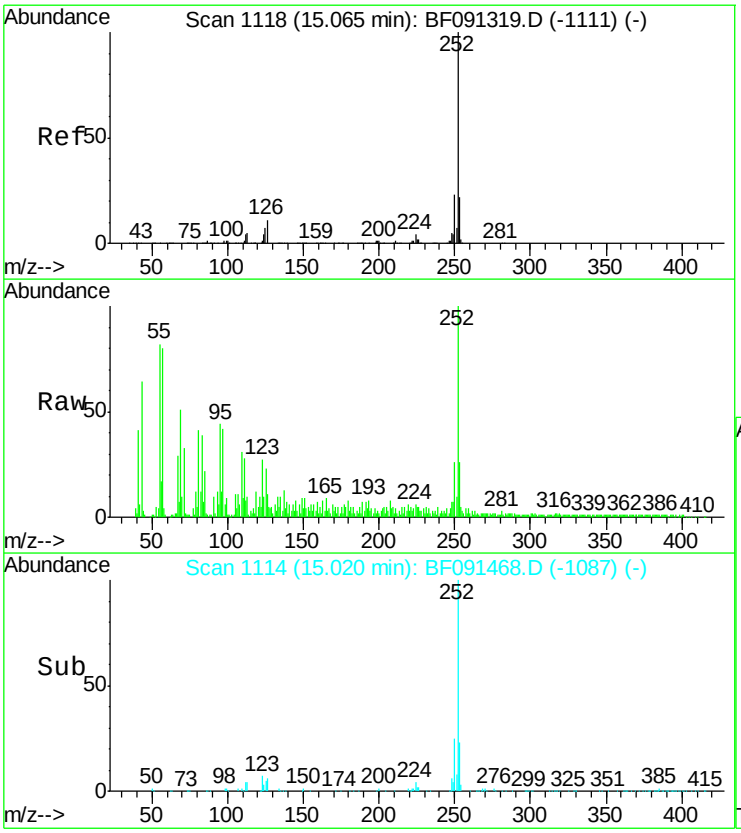
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. 0.02 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Instrument :
BNA_F
ClientSampleId :
TP16-COMP3

Tgt Ion:264 Resp: 244929

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.9	17.0	25.6

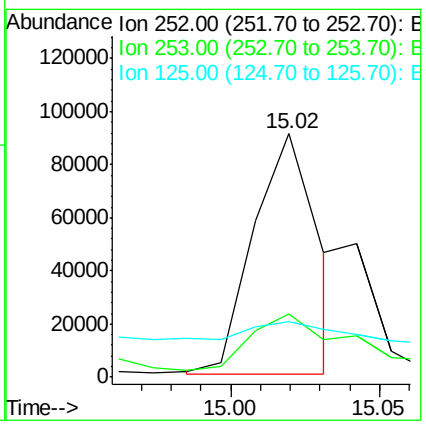


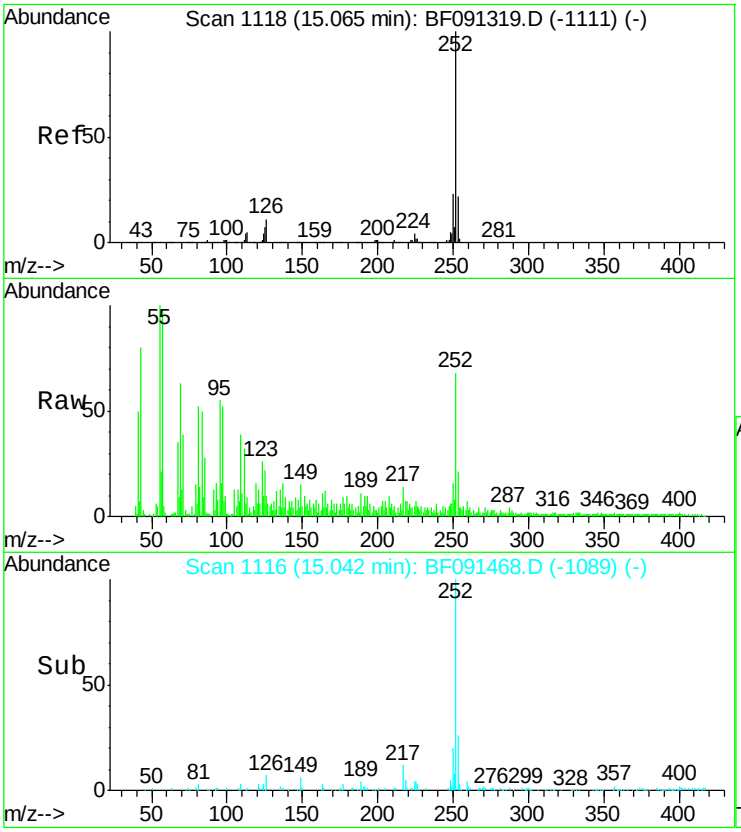


#87
Benzo(b)fluoranthene
Concen: 8.92 ng m
RT: 15.02 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Tgt Ion:252 Resp: 135782

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.2	27.2
125	22.8	8.6	13.0#



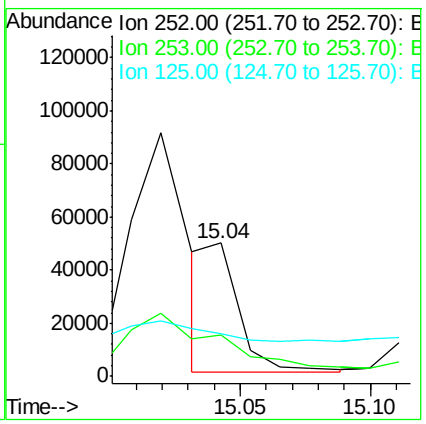


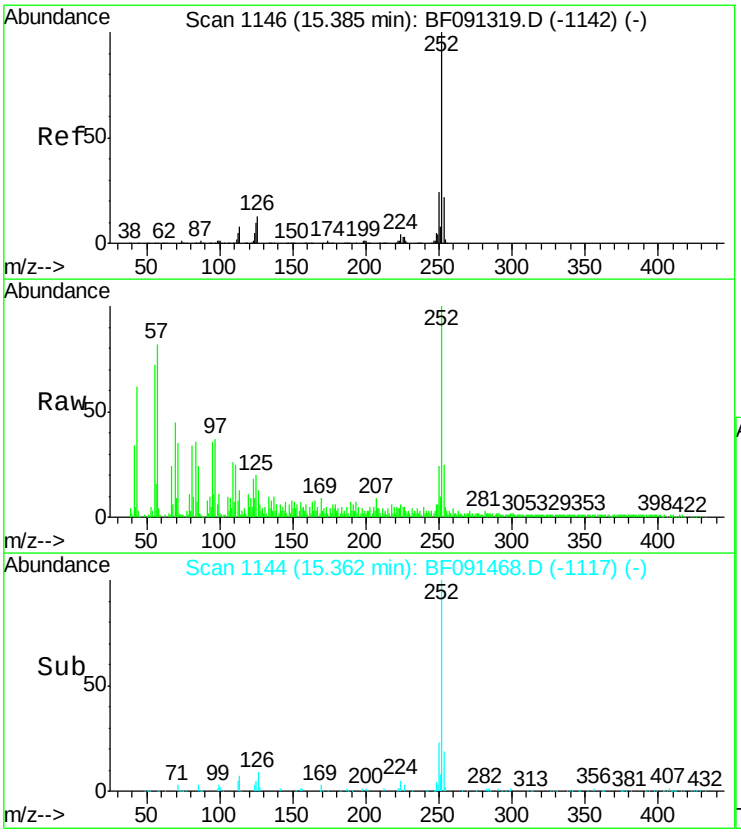
#88
Benzo(k)fluoranthene
Concen: 3.31 ng m
RT: 15.04 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Instrument :
BNA_F
ClientSampleId :
TP16-COMP3

Tgt Ion:252 Resp: 42346

Ion	Ratio	Lower	Upper
252	100		
253	30.9	17.8	26.8#
125	31.9	9.6	14.4#

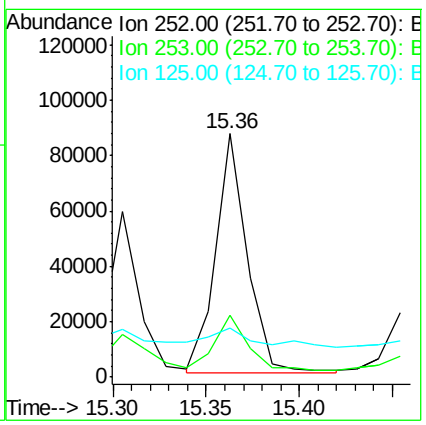


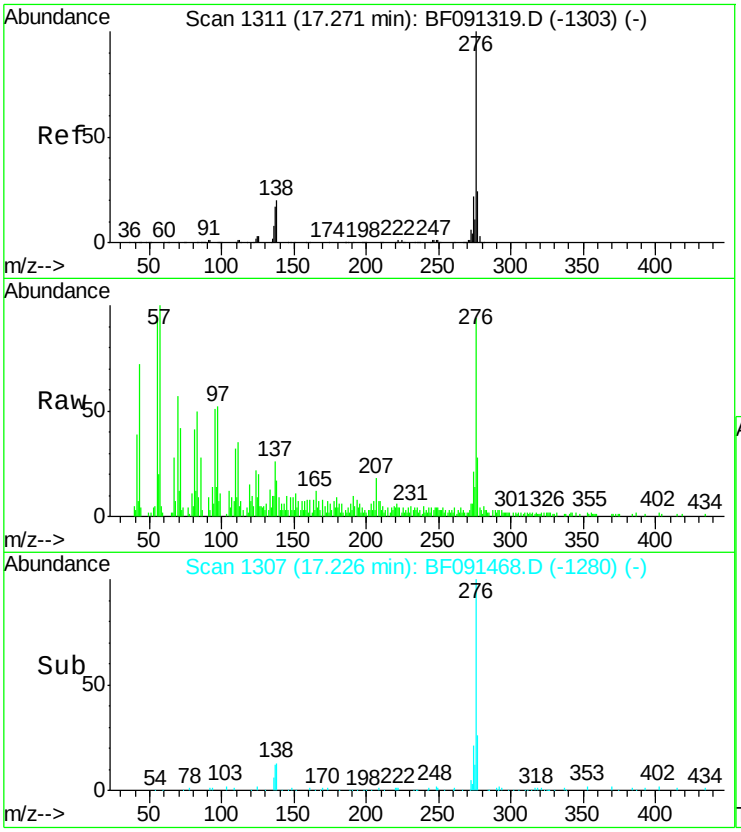


#89
Benzo(a)pyrene
Concen: 7.43 ng
RT: 15.36 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Tgt Ion:252 Resp: 101584

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.2	27.4
125	20.3	10.4	15.6#





#91
Benzo(g,h,i)perylene
Concen: 3.75 ng
RT: 17.23 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF091468.D
Acq: 6 Dec 2016 19:41

Instrument :
BNA_F
ClientSampleId :
TP16-COMP3

Tgt Ion:276 Resp: 48850

Ion	Ratio	Lower	Upper
276	100		
277	29.5	19.0	28.4#
138	18.3	15.4	23.0