Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
Data File : BF092372.D
Acq On : 20 Jan 2017 14:52
Operator : UM/SJ
Sample : I1304-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF-15-41-COMP

Quant Time: Jan 20 22:13:14 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	582222	20.00	ng		0.04
21) Naphthalene-d8	7.81	136	849639	20.00	ng		-0.12
38) Acenaphthene-d10	9.56	164	444263	20.00	ng		-0.12
63) Phenanthrene-d10	11.03	188	670858	20.00	ng		-0.12
75) Chrysene-d12	13.66	240	438321	20.00	ng		-0.12
86) Perylene-d12	15.01	264	364678	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	1371039	39.32	ng		-0.12
7) Phenol-d6	6.19	99	1854662	43.57	ng		-0.12
23) Nitrobenzene-d5	7.10	82	1292865	84.61	ng		-0.11
41) 2,4,6-Tribromophenol	10.35	330	464635	126.38	ng		-0.12
44) 2-Fluorobiphenyl	8.90	172	2292738	109.45	ng		-0.11
78) Terphenyl-d14	12.62	244	1670837	92.45	ng		-0.12
Target Compounds							Qvalue
9) Benzaldehyde	6.20	77	3536	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.10	70	174222	6.15	ng	#	72
37) 2-Methylnaphthalene	8.53	142	10844	Below Cal			98
49) Dimethylphthalate	9.30	163	547028	19.25	ng		100
66) 4-Bromophenyl-phenylether	10.35	248	30530	4.37	ng	#	1
71) Anthracene	11.11	178	17067	Below Cal			98
73) Di-n-butylphthalate	11.62	149	14282	Below Cal			96
74) Fluoranthene	12.24	202	106882	Below Cal			91
76) Benzidine	12.62	184	22391	Below Cal		#	92
77) Pyrene	12.46	202	145890	4.54	ng		97
80) Benzo(a)anthracene	13.65	228	164390	6.64	ng		97
82) Chrysene	13.65	228	164390	6.62	ng		93
85) Indeno(1,2,3-cd)pyrene	16.23	276	57195	2.66	ng		94
87) Benzo(b)fluoranthene	14.66	252	236874	10.43	ng		99
88) Benzo(k)fluoranthene	14.66	252	236874	12.23	ng		98
89) Benzo(a)pyrene	14.97	252	101145	5.02	ng		97
91) Benzo(g,h,i)perylene	16.59	276	50577	2.94	ng	#	94

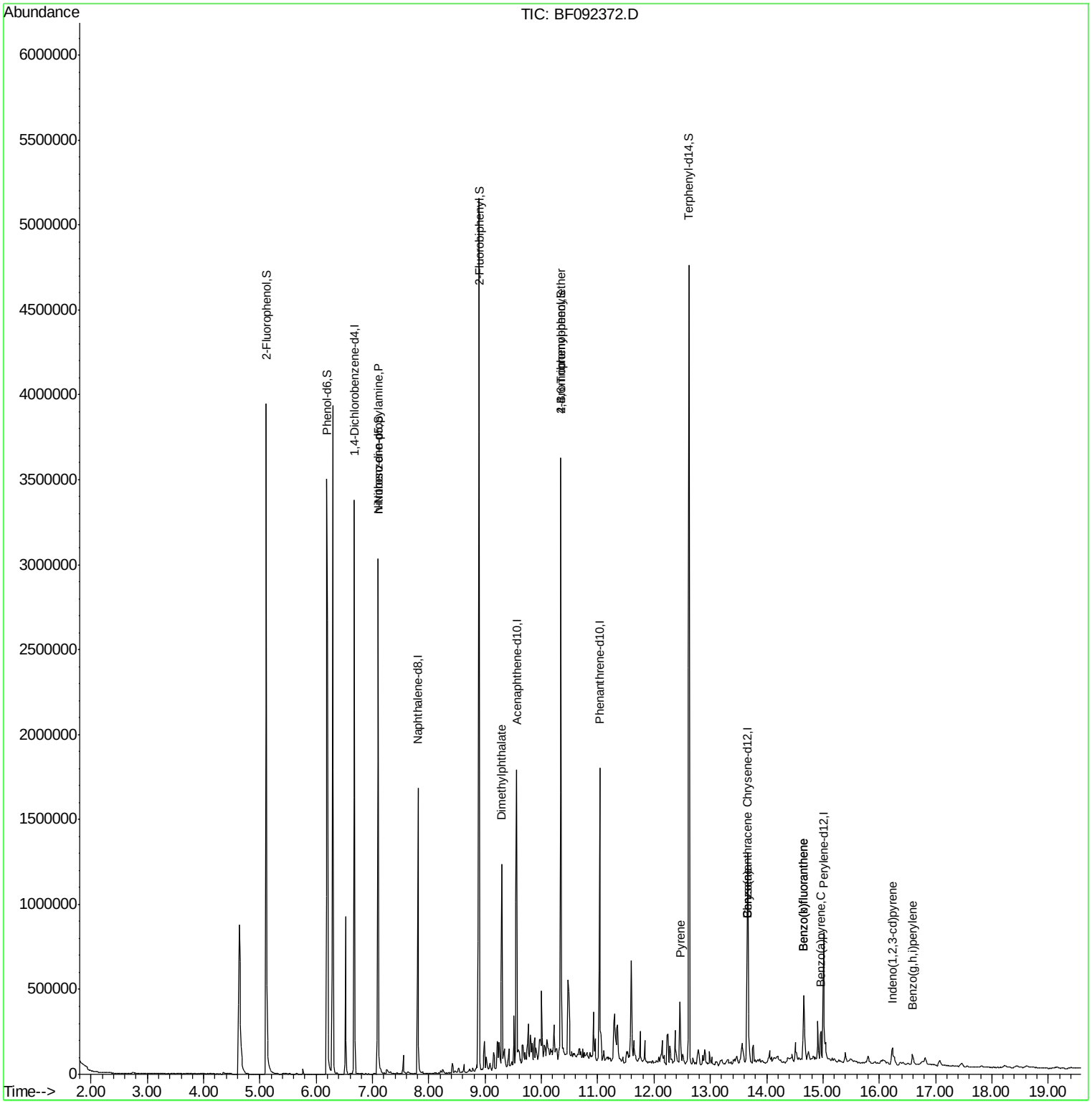
(#) = qualifier out of range (m) = manual integration (+) = signals summed

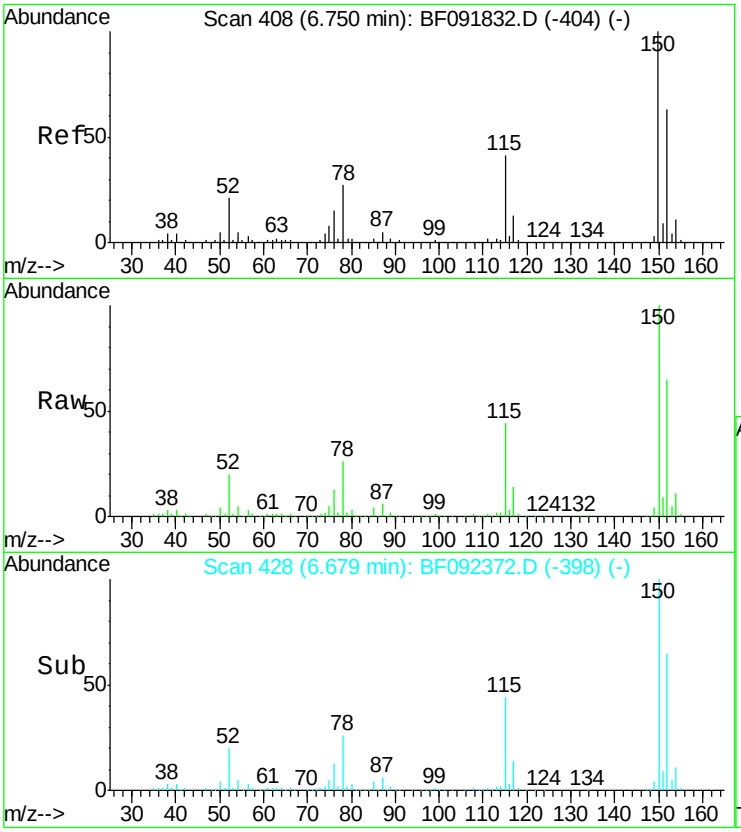
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
Data File : BF092372.D
Acq On : 20 Jan 2017 14:52
Operator : UM/SJ
Sample : I1304-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-41-COMP

Quant Time: Jan 20 22:13:14 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration



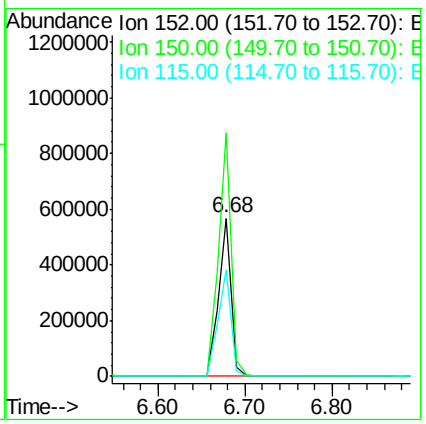


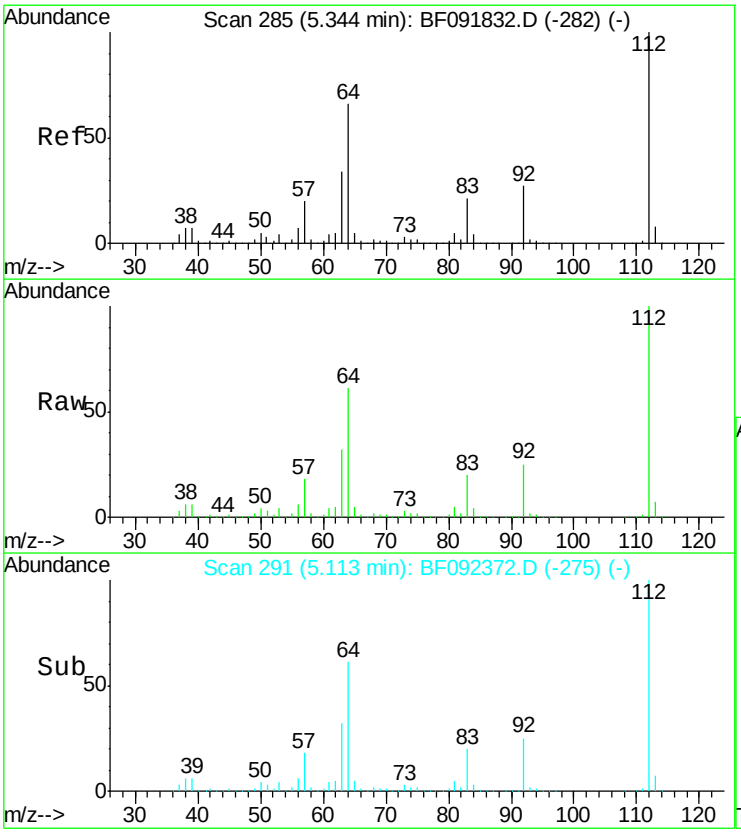
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 428
Delta R.T. 0.04 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-41-COMP

Tgt Ion:152 Resp: 582222

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.9	187.3
115	66.9	46.0	69.0

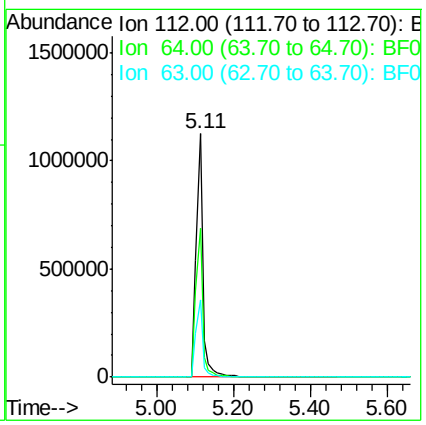


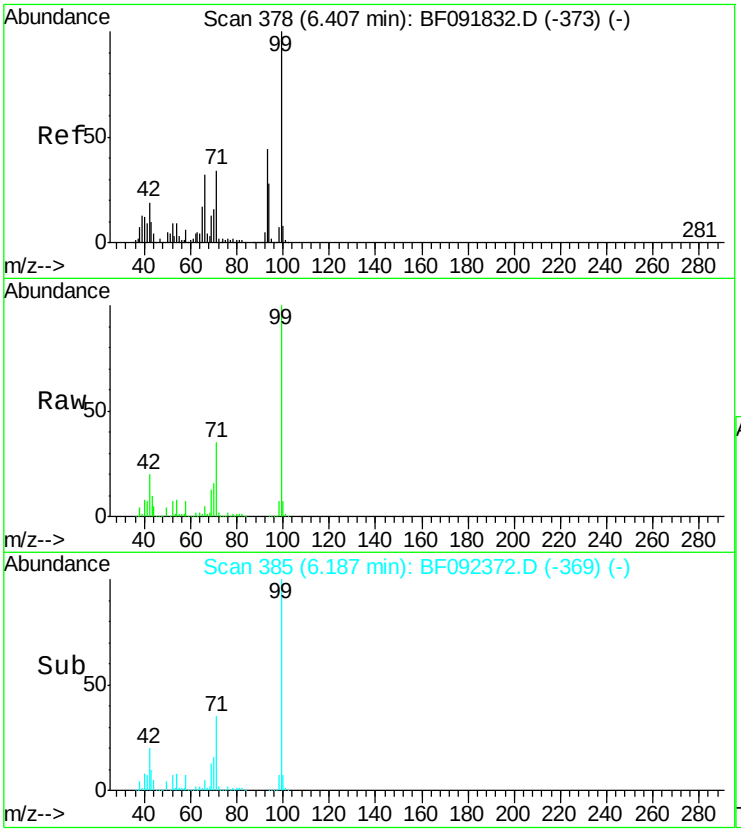


#5
2-Fluorophenol
Concen: 39.32 ng
RT: 5.11 min Scan# 291
Delta R.T. -0.12 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Tgt Ion:112 Resp: 1371039

Ion	Ratio	Lower	Upper
112	100		
64	60.9	46.1	69.1
63	31.7	23.8	35.6



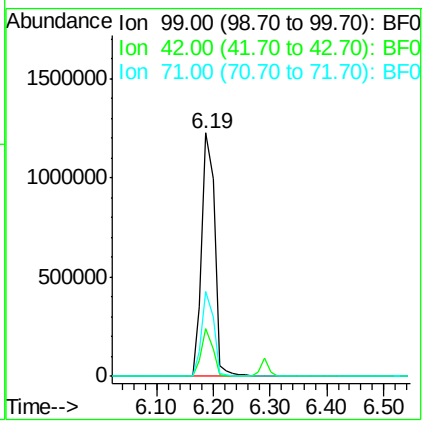


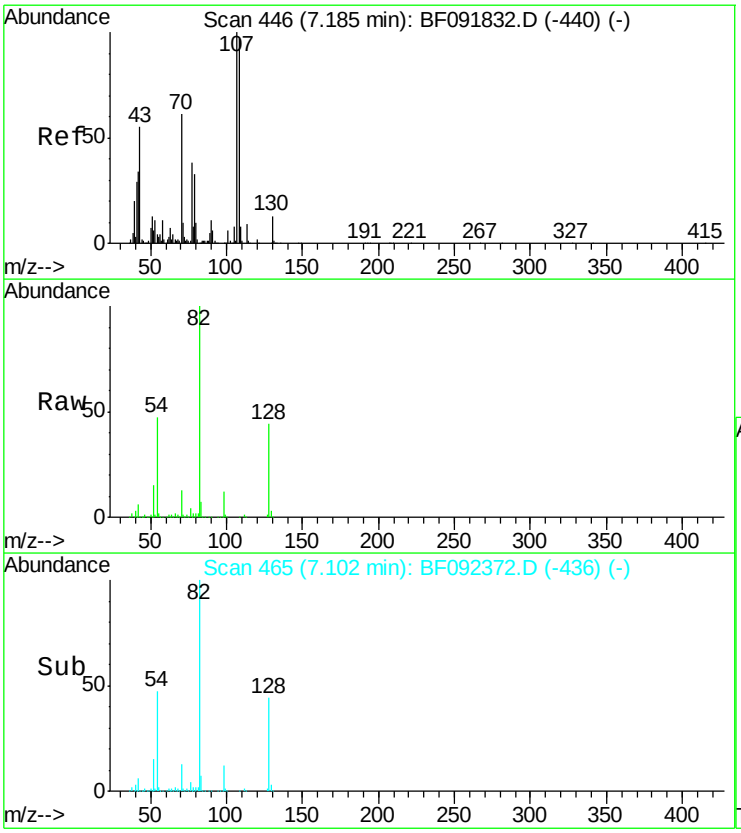
#7
Phenol-d6
Concen: 43.57 ng
RT: 6.19 min Scan# 385
Delta R.T. -0.12 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-41-COMP

Tgt Ion: 99 Resp: 1854662

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.6	23.4
71	34.7	27.5	41.3

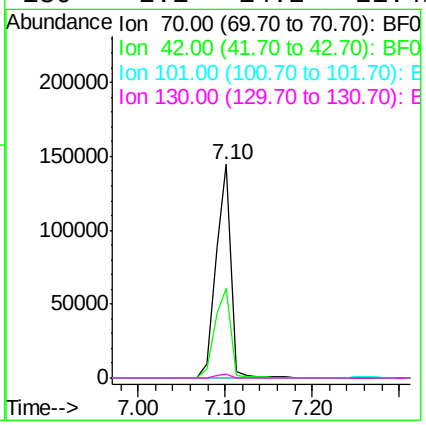


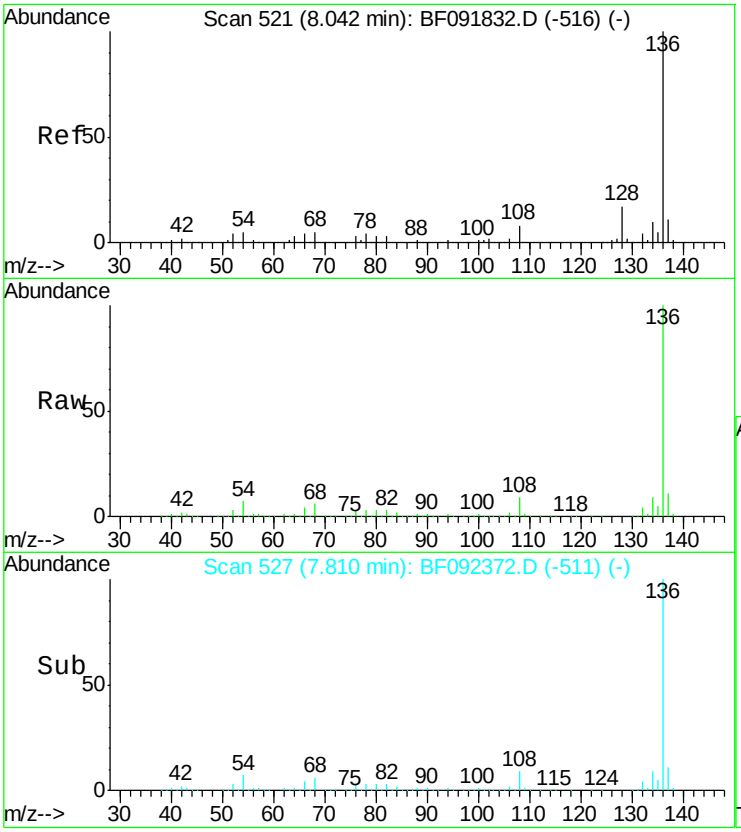


#19
n-Nitroso-di-n-propylamine
Concen: 6.15 ng
RT: 7.10 min Scan# 465
Delta R.T. 0.03 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Tgt Ion: 70 Resp: 174222

Ion	Ratio	Lower	Upper
70	100		
42	42.0	49.4	74.0#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



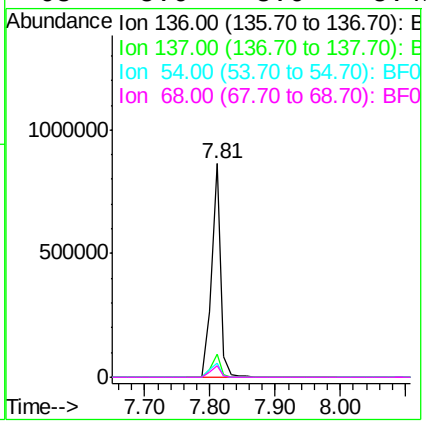


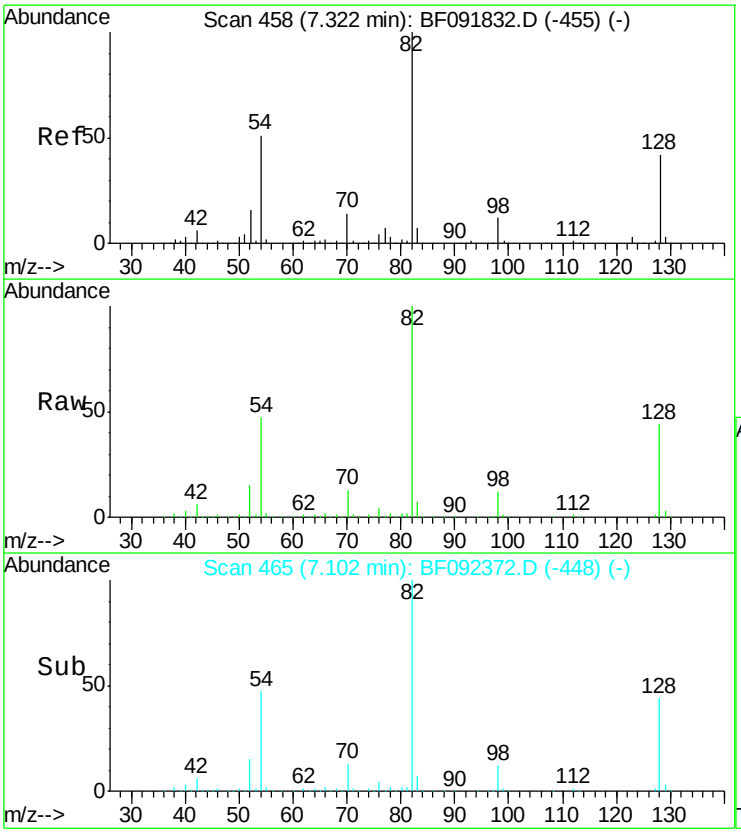
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.12 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-41-COMP

Tgt Ion:136 Resp: 849639

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	6.6	4.5	6.7
68	5.6	3.6	5.4#

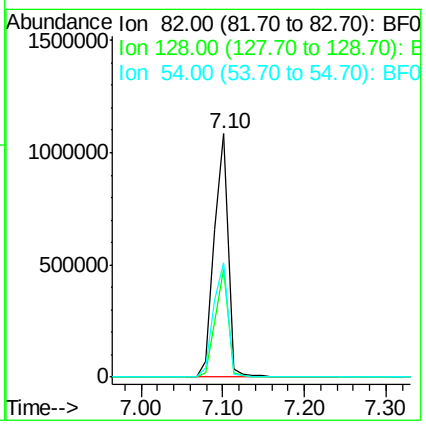


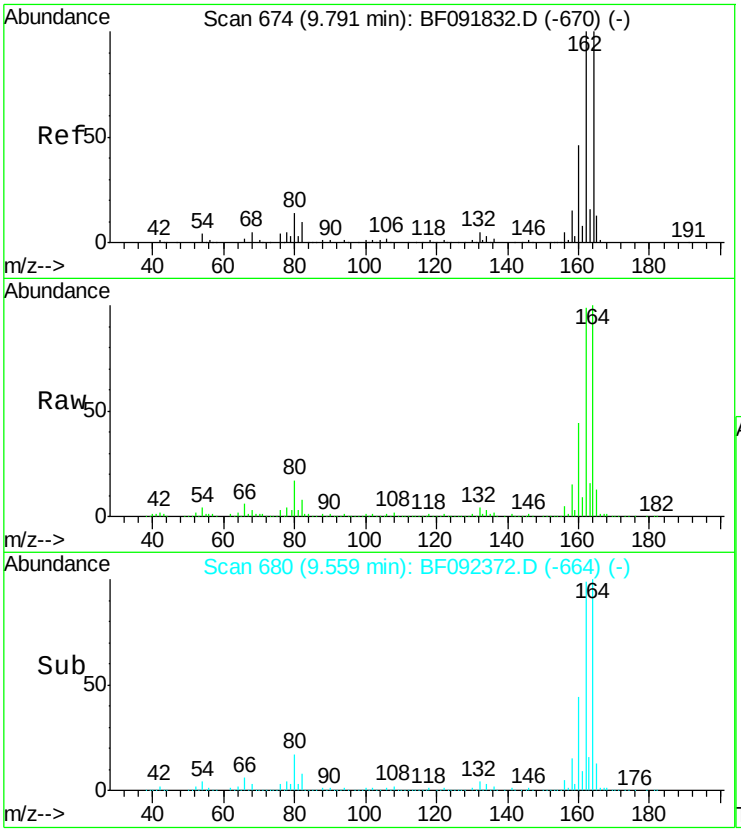


#23
Nitrobenzene-d5
Concen: 84.61 ng
RT: 7.10 min Scan# 465
Delta R.T. -0.11 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Tgt Ion: 82 Resp: 1292865

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	52.0
54	47.2	39.5	59.3



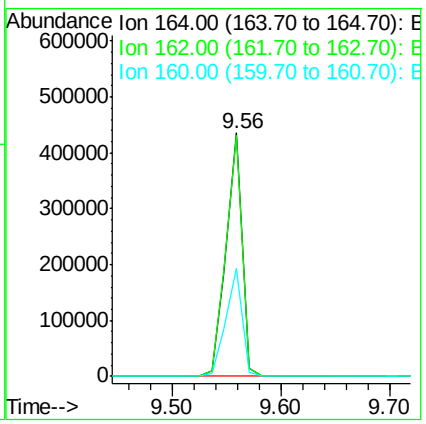


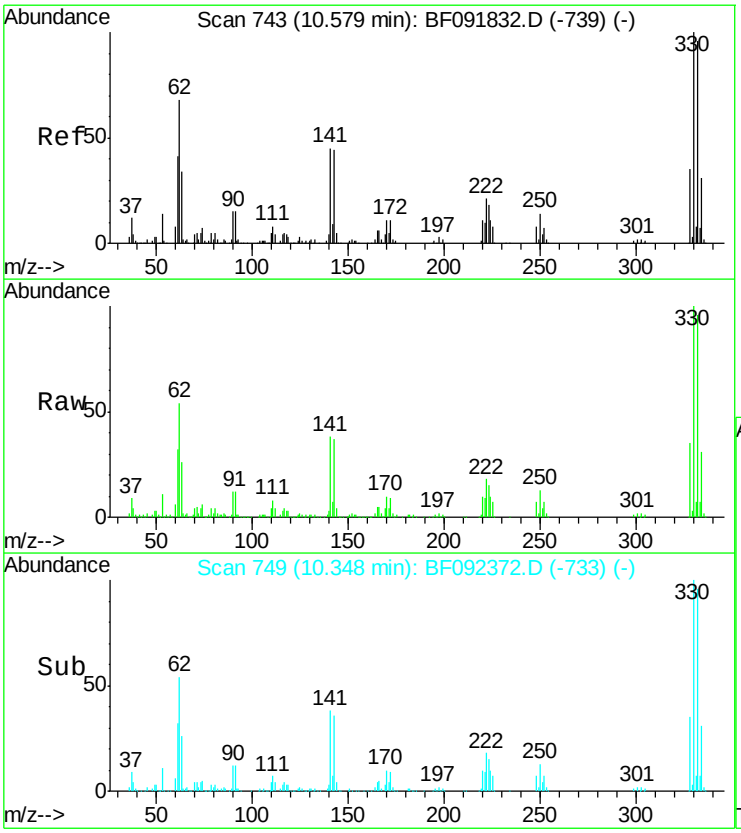
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 680
Delta R.T. -0.12 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-41-COMP

Tgt Ion:164 Resp: 444263

Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.2	120.2
160	44.2	36.9	55.3

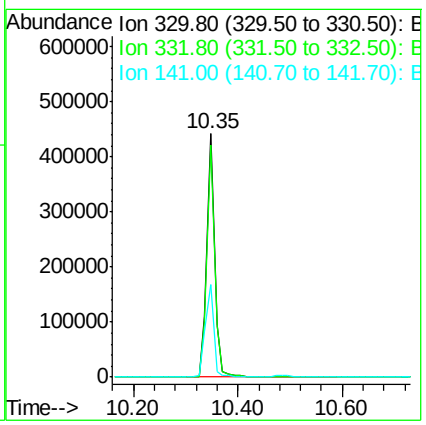


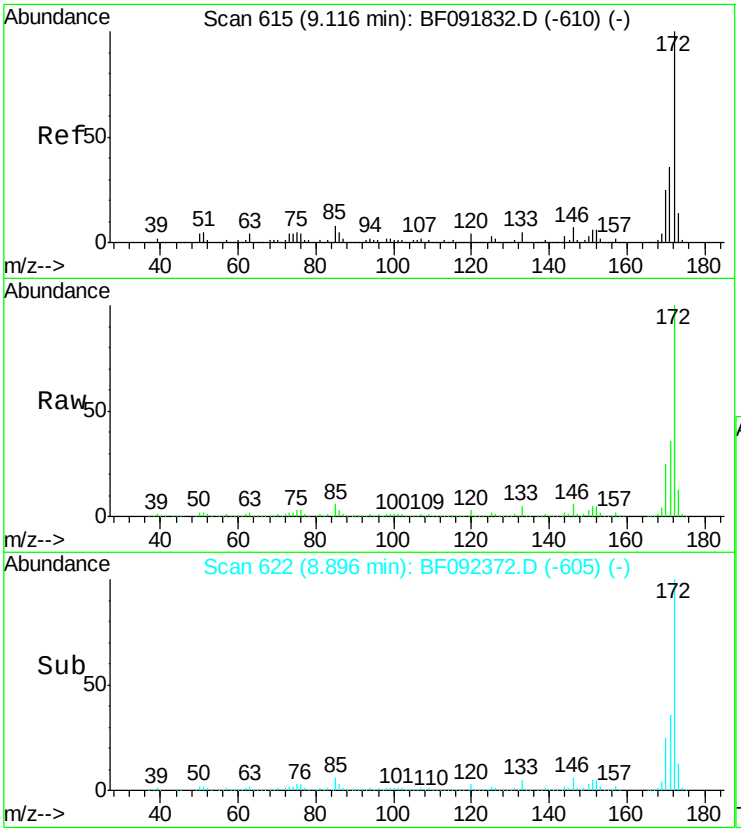


#41
2,4,6-Tribromophenol
Concen: 126.38 ng
RT: 10.35 min Scan# 749
Delta R.T. -0.12 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Tgt Ion:330 Resp: 464635

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.2
141	39.7	34.1	51.1



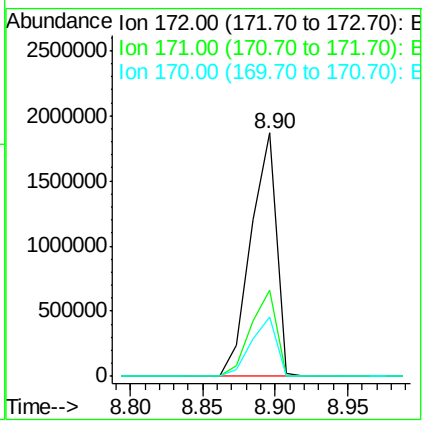


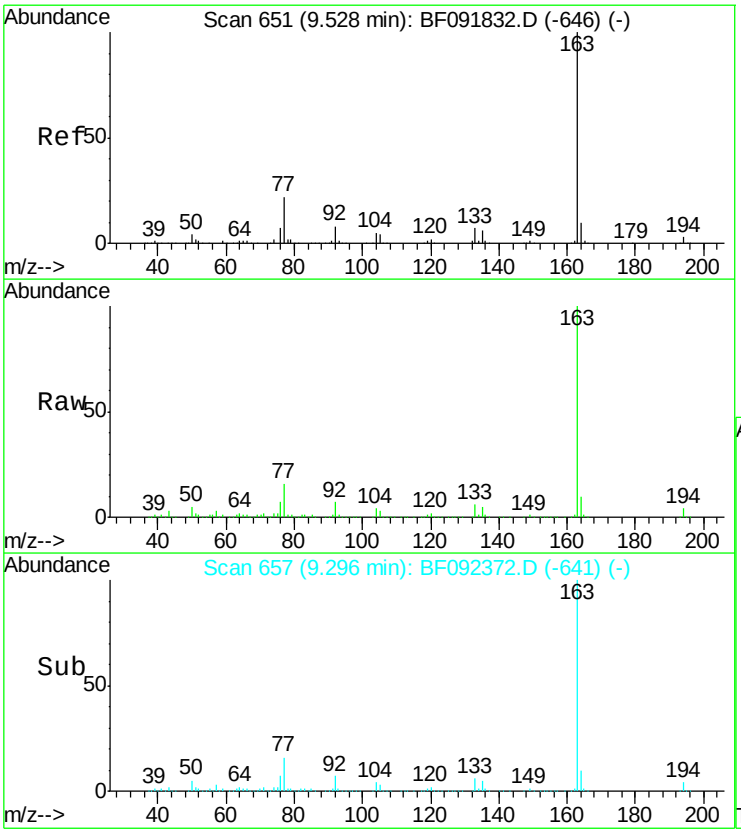
#44
2-Fluorobiphenyl
Concen: 109.45 ng
RT: 8.90 min Scan# 622
Delta R.T. -0.11 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-41-COMP

Tgt Ion:172 Resp: 2292738

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.5	20.2	30.4

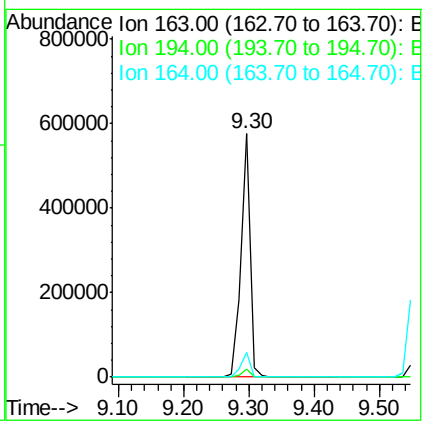


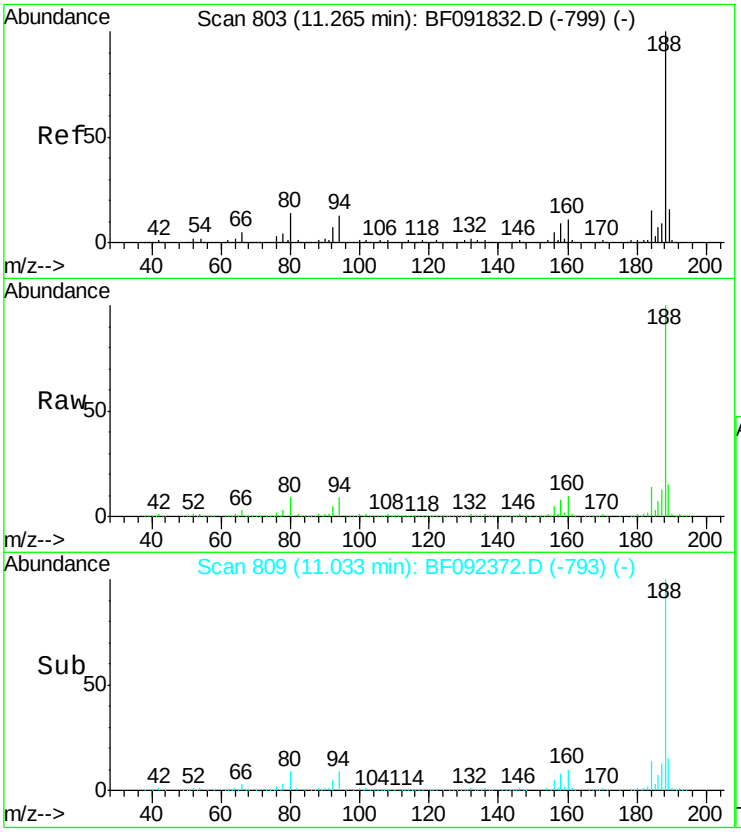


#49
Dimethylphthalate
Concen: 19.25 ng
RT: 9.30 min Scan# 657
Delta R.T. -0.12 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Tgt Ion:163 Resp: 547028

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.1	8.0	12.0



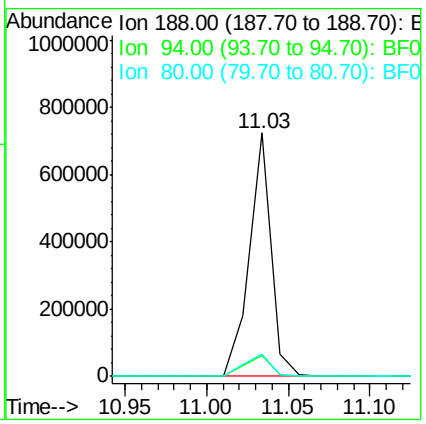


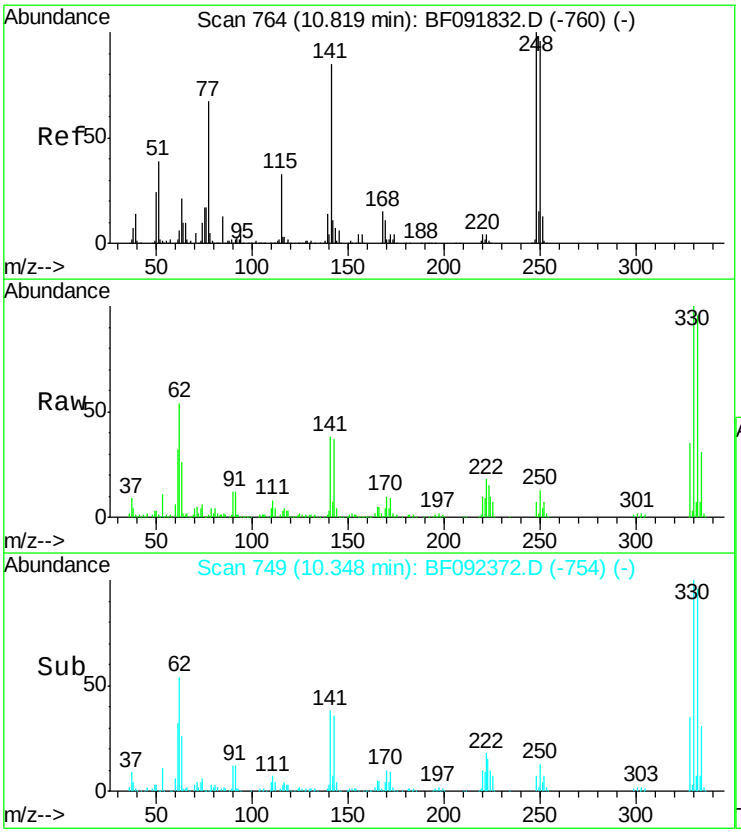
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. -0.12 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-41-COMP

Tgt Ion:188 Resp: 670858

Ion	Ratio	Lower	Upper
188	100		
94	8.8	10.0	15.0#
80	9.3	11.2	16.8#

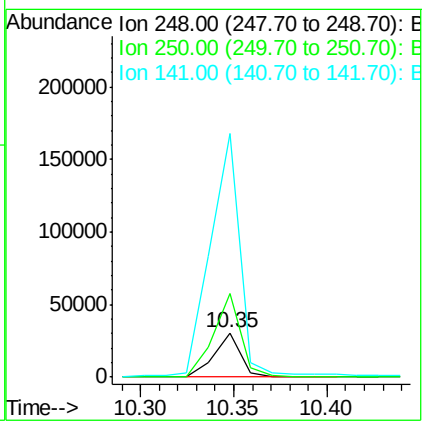


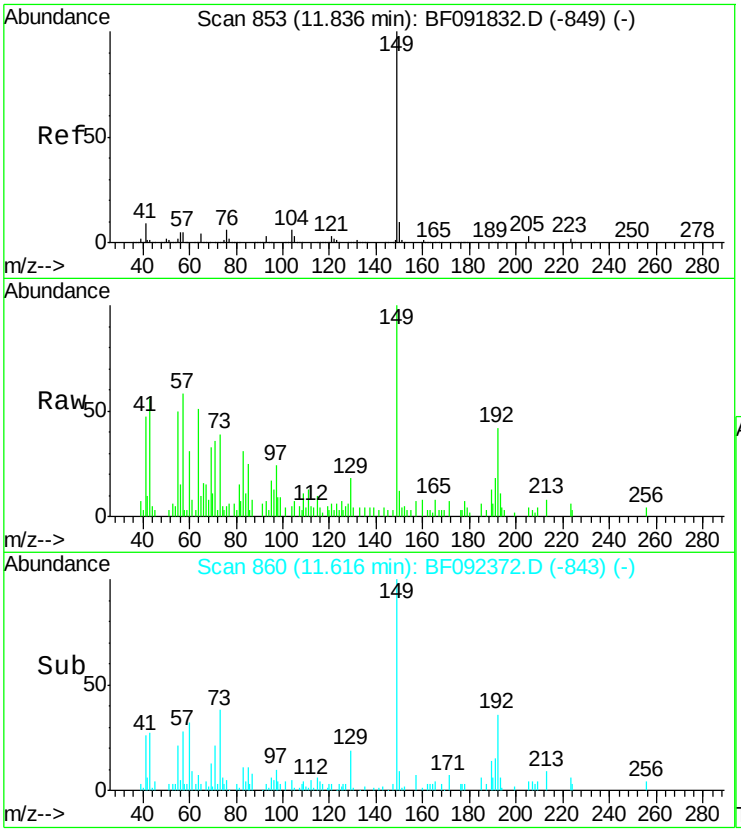


#66
4-Bromophenyl-phenylether
Concen: 4.37 ng
RT: 10.35 min Scan# 749
Delta R.T. -0.36 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Tgt Ion:248 Resp: 30530

Ion	Ratio	Lower	Upper
248	100		
250	188.6	76.9	115.3#
141	551.2	68.2	102.4#



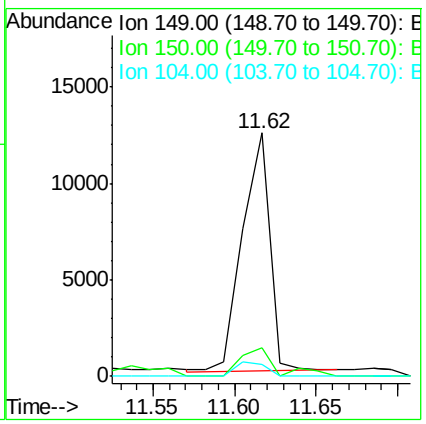


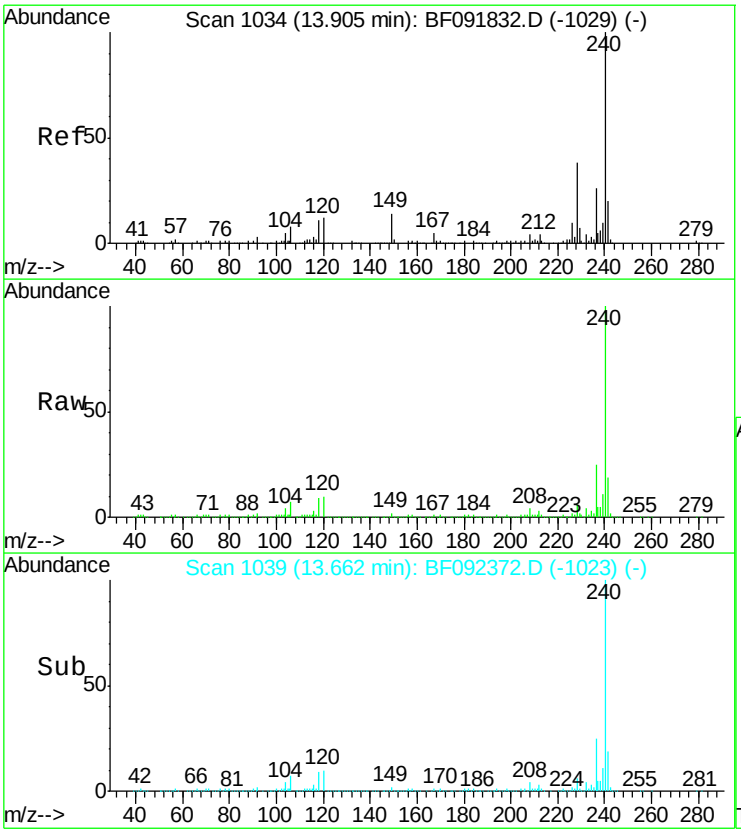
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.62 min Scan# 860
Delta R.T. -0.11 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-41-COMP

Tgt Ion:149 Resp: 14282

Ion	Ratio	Lower	Upper
149	100		
150	11.6	8.1	12.1
104	4.8	4.6	7.0

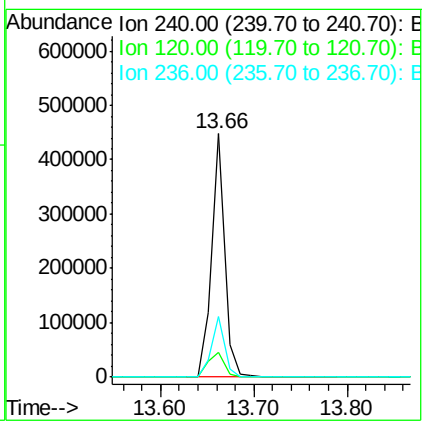


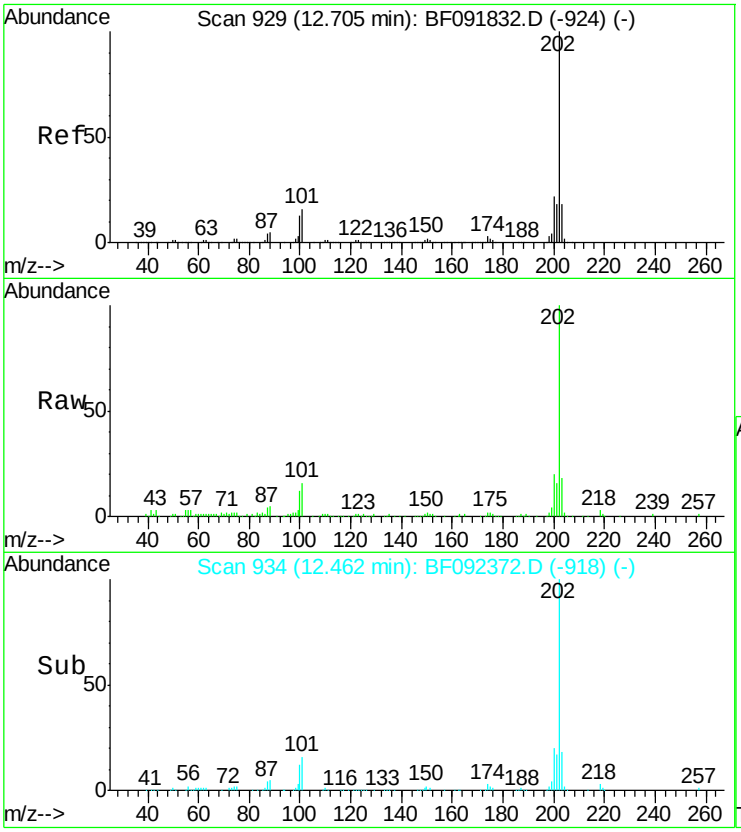


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.66 min Scan# 1039
Delta R.T. -0.12 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Tgt Ion:240 Resp: 438321

Ion	Ratio	Lower	Upper
240	100		
120	10.1	12.9	19.3#
236	25.1	20.9	31.3



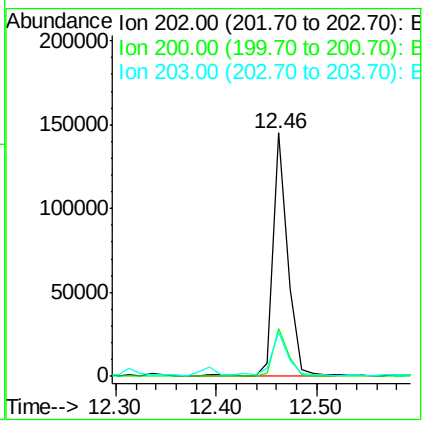


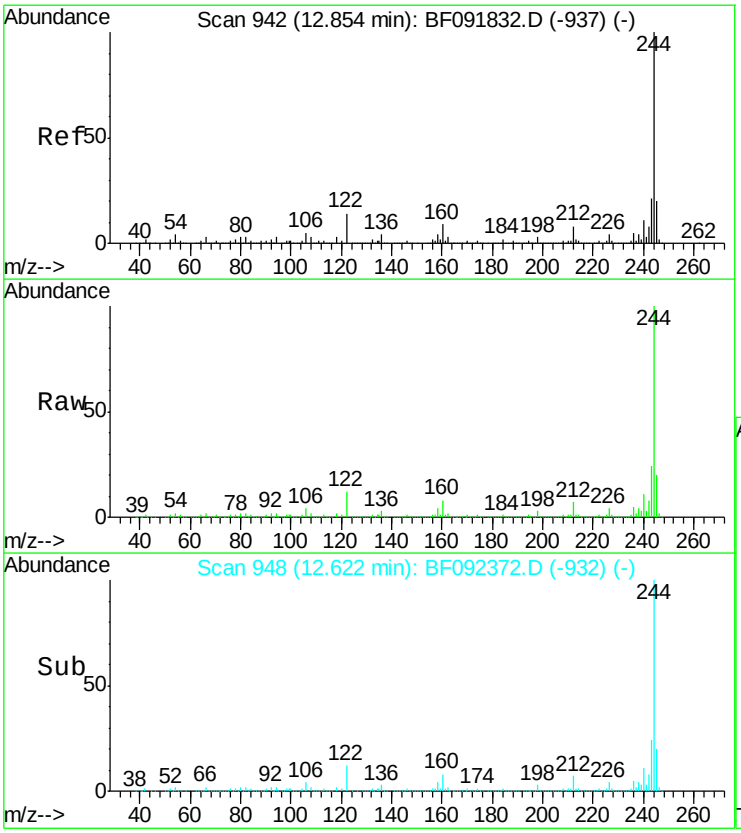
#77
Pyrene
Concen: 4.54 ng
RT: 12.46 min Scan# 934
Delta R.T. -0.12 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-41-COMP

Tgt Ion:202 Resp: 145890

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.7	26.5
203	17.9	14.7	22.1

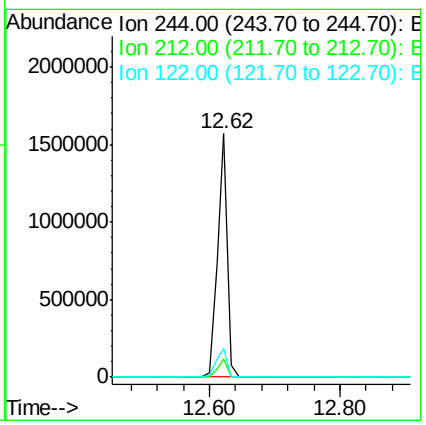


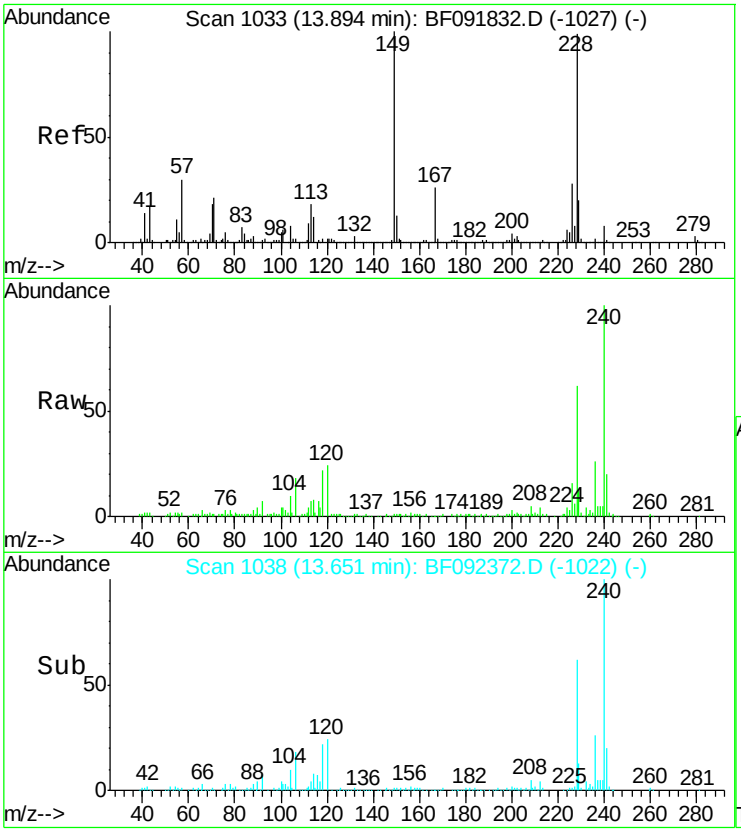


#78
Terphenyl-d14
Concen: 92.45 ng
RT: 12.62 min Scan# 948
Delta R.T. -0.12 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Tgt Ion:244 Resp: 1670837

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	11.8	11.4	17.2



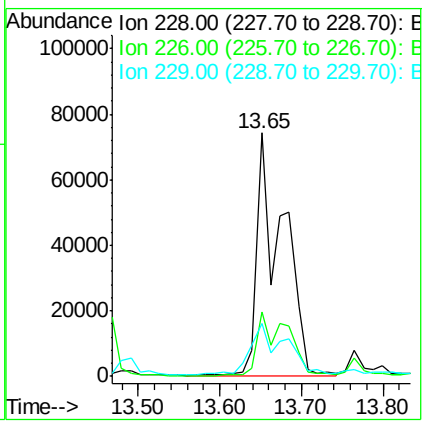


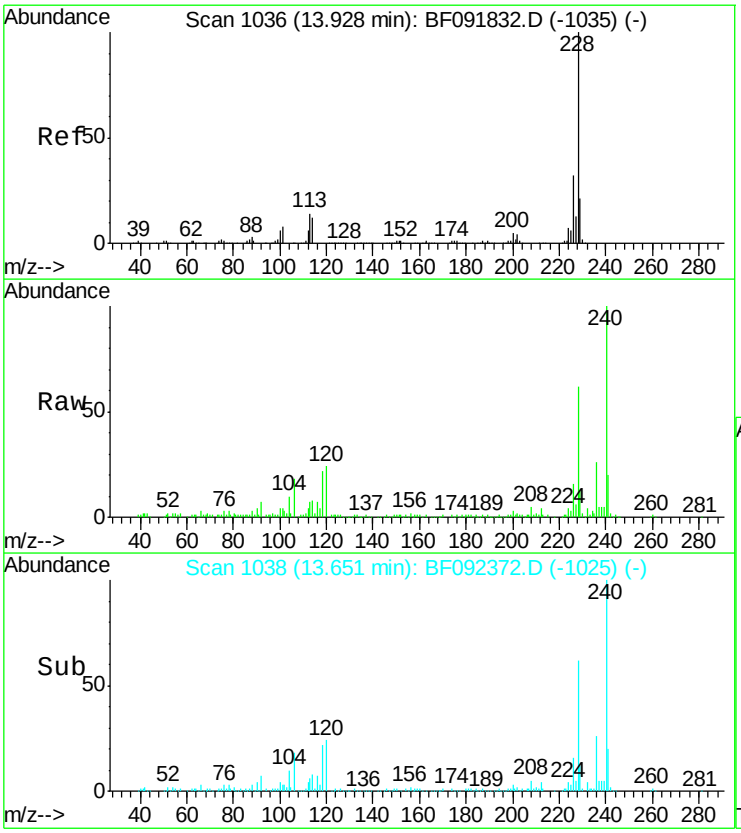
#80
Benzo(a)anthracene
Concen: 6.64 ng
RT: 13.65 min Scan# 1038
Delta R.T. -0.12 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-41-COMP

Tgt Ion:228 Resp: 164390

Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.4	33.6
229	21.5	16.2	24.4

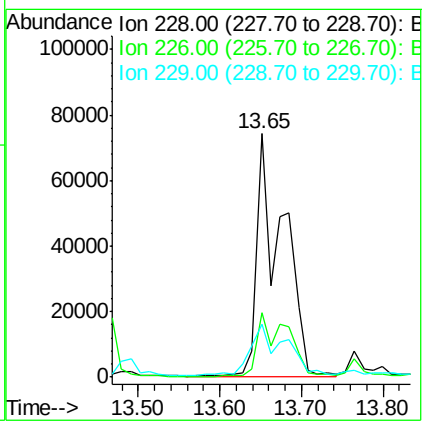


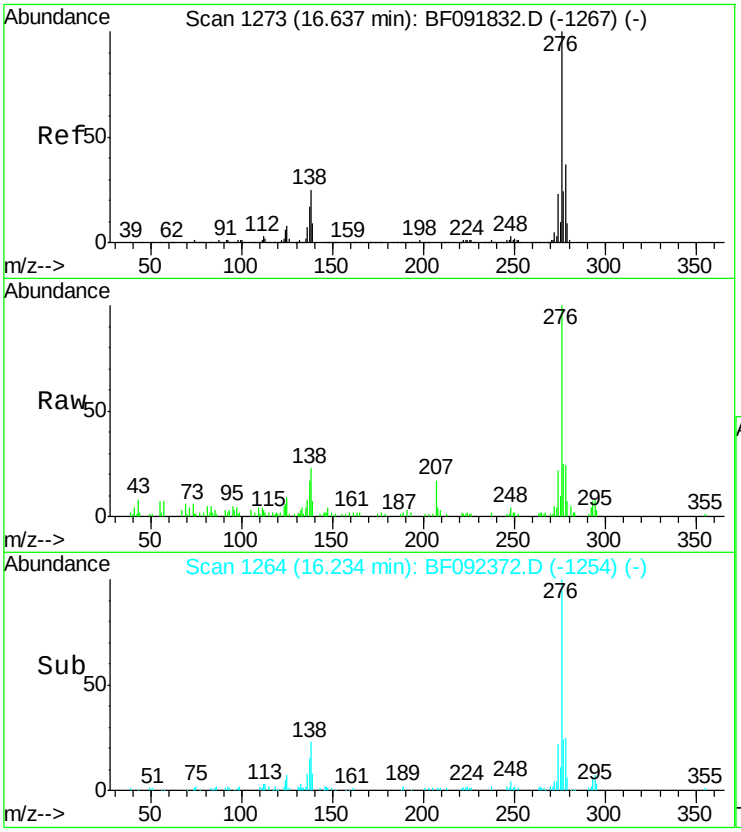


#82
Chrysene
Concen: 6.62 ng
RT: 13.65 min Scan# 1038
Delta R.T. -0.16 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Tgt Ion:228 Resp: 164390

Ion	Ratio	Lower	Upper
228	100		
226	26.3	25.4	38.0
229	21.5	16.2	24.2



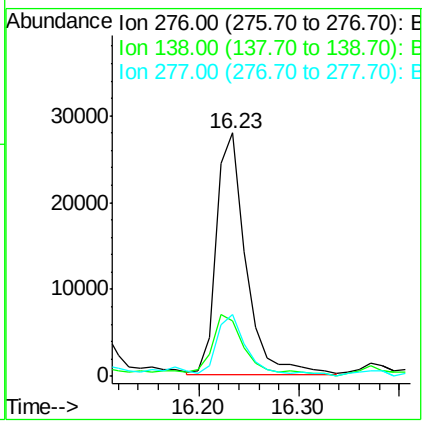


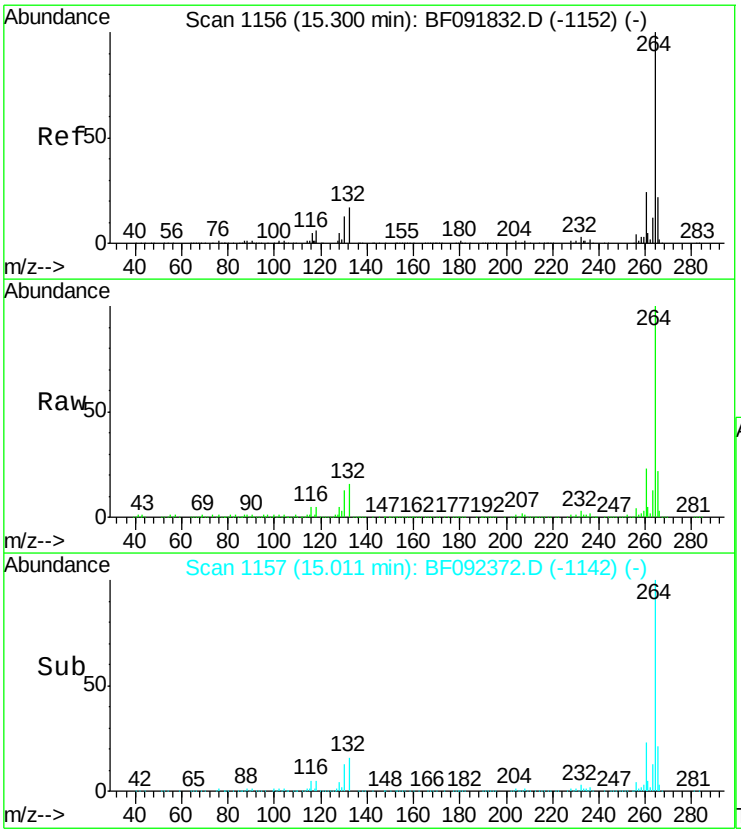
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.66 ng
RT: 16.23 min Scan# 1264
Delta R.T. -0.19 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-41-COMP

Tgt Ion:276 Resp: 57195

Ion	Ratio	Lower	Upper
276	100		
138	32.0	21.8	32.6
277	27.1	20.2	30.4

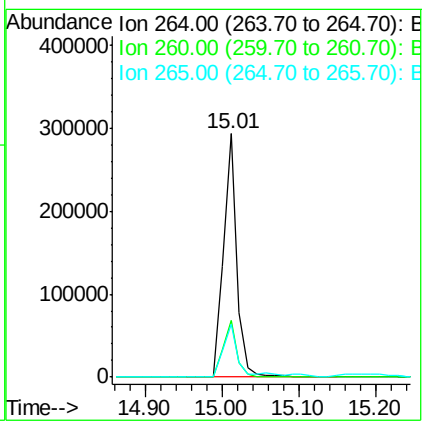


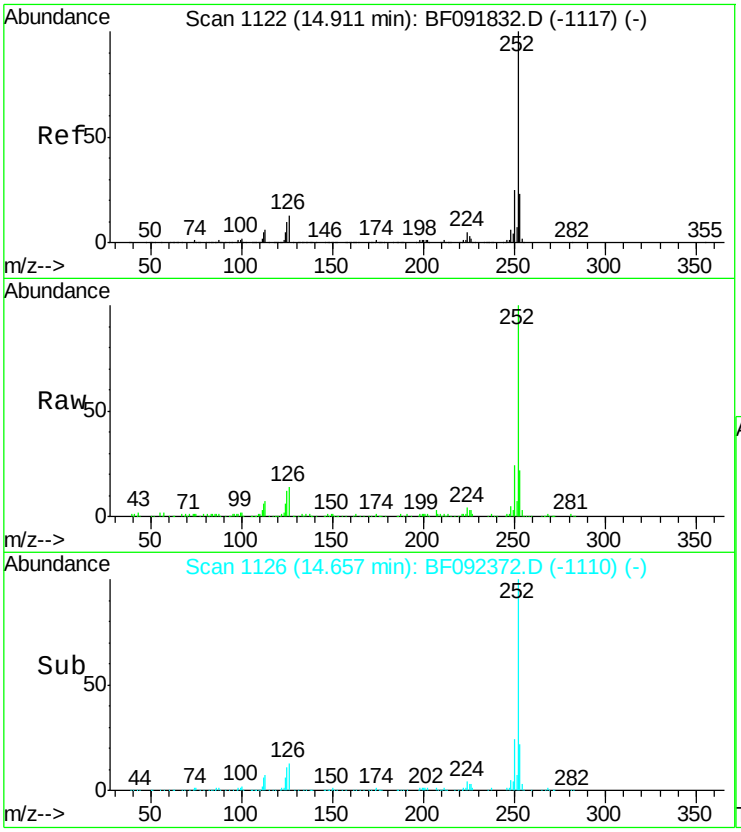


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1157
Delta R.T. -0.13 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Tgt Ion:264 Resp: 364678

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.5	17.4	26.0



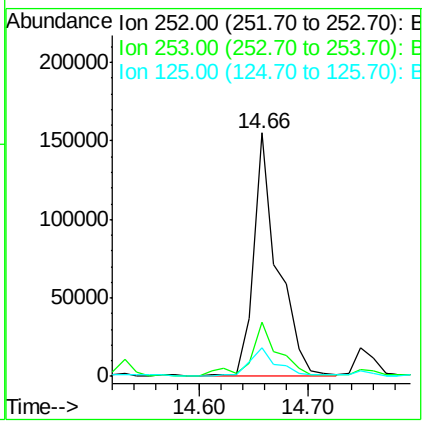


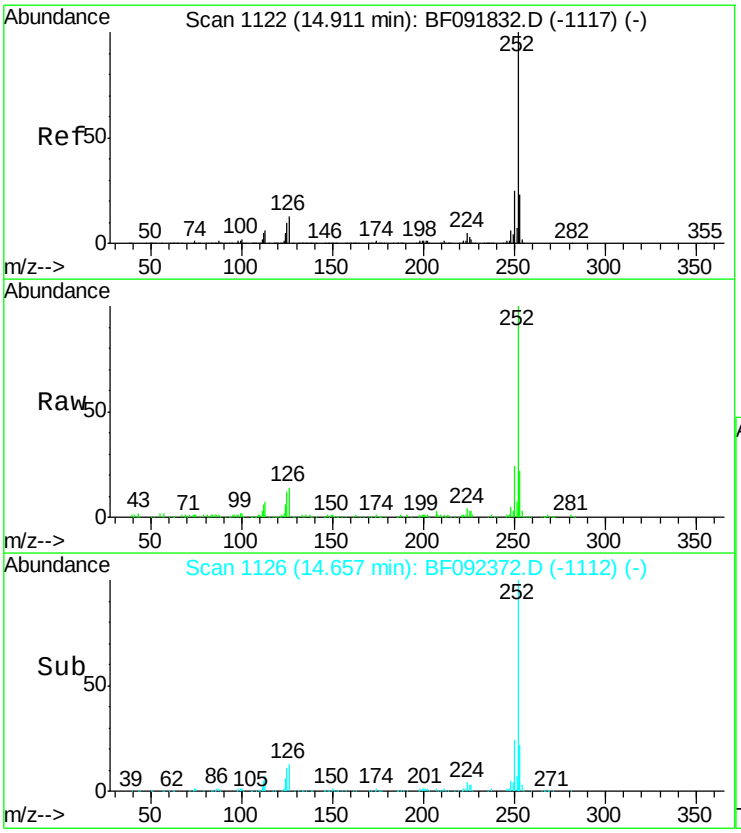
#87
Benzo(b)fluoranthene
Concen: 10.43 ng
RT: 14.66 min Scan# 1126
Delta R.T. -0.12 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-41-COMP

Tgt Ion:252 Resp: 236874

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	11.8	9.8	14.6

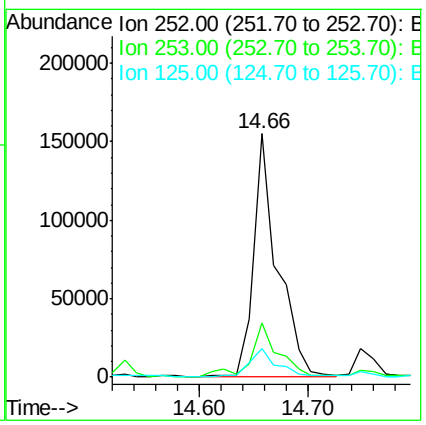


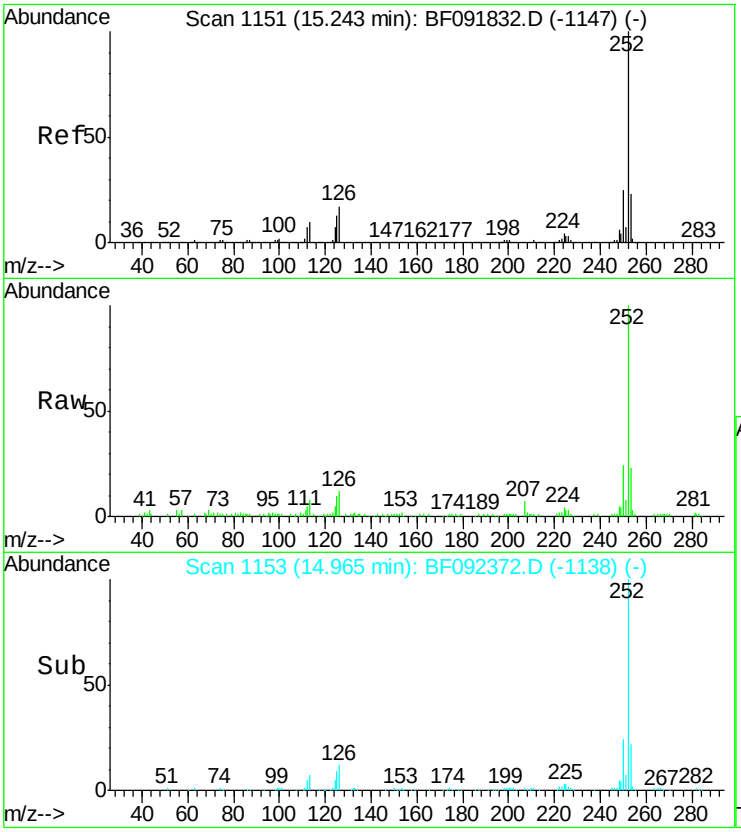


#88
Benzo(k)fluoranthene
Concen: 12.23 ng
RT: 14.66 min Scan# 1126
Delta R.T. -0.15 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Tgt Ion:252 Resp: 236874

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	11.8	8.9	13.3



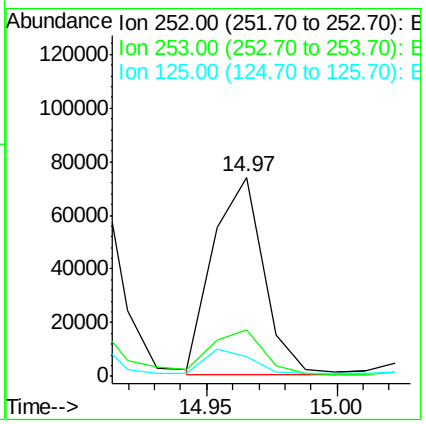


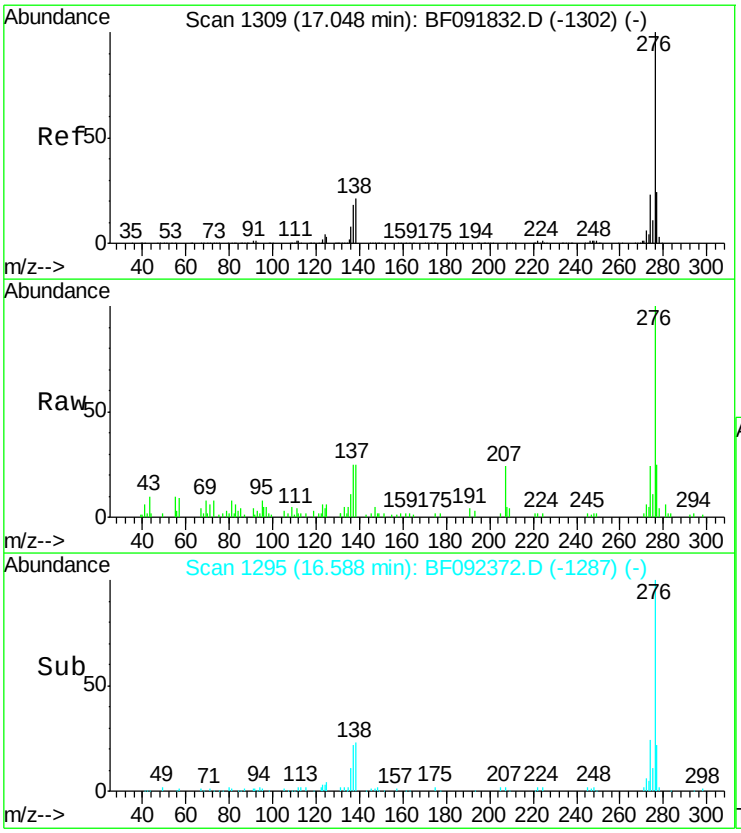
#89
Benzo(a)pyrene
Concen: 5.02 ng
RT: 14.97 min Scan# 1153
Delta R.T. -0.13 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-41-COMP

Tgt Ion:252 Resp: 101145

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	10.0	10.0	15.0





#91
Benzo(g,h,i)perylene
Concen: 2.94 ng
RT: 16.59 min Scan# 1295
Delta R.T. -0.21 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Tgt Ion:276 Resp: 50577

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.2	28.8
138	25.3	16.0	24.0#