Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021517\
Data File : BF092964.D
Acq On : 15 Feb 2017 21:20
Operator : SJ/MA
Sample : I1837-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 16 00:33:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	401107	20.00	ng		0.14
21) Naphthalene-d8	8.16	136	642348	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	343603	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	575816	20.00	ng		-0.01
75) Chrysene-d12	14.02	240	425410	20.00	ng		-0.03
86) Perylene-d12	15.46	264	326116	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	448	0.02	ng		0.00
7) Phenol-d6	6.50	99	16276	0.54	ng		-0.03
23) Nitrobenzene-d5	7.44	82	722072	62.60	ng		-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	9.23	172	1267915	66.85	ng		-0.01
78) Terphenyl-d14	12.98	244	1223618	67.58	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	97136	5.07	ng	#	82
49) Dimethylphthalate	9.62	163	164685	7.12	ng		99
56) 2,4-Dinitrotoluene	9.90	165	44502	6.69	ng	#	20
70) Phenanthrene	11.41	178	214753	6.51	ng		96
74) Fluoranthene	12.60	202	231869	6.81	ng		92
77) Pyrene	12.83	202	182311	5.73	ng		97
80) Benzo(a)anthracene	14.01	228	77939	3.00	ng		98
82) Chrysene	14.01	228	77939	3.20	ng		93
87) Benzo(b)fluoranthene	15.05	252	88357	4.12	ng	#	96
88) Benzo(k)fluoranthene	15.05	252	88357	4.77	ng	#	95
89) Benzo(a)pyrene	15.39	252	45441	2.45	ng	#	95

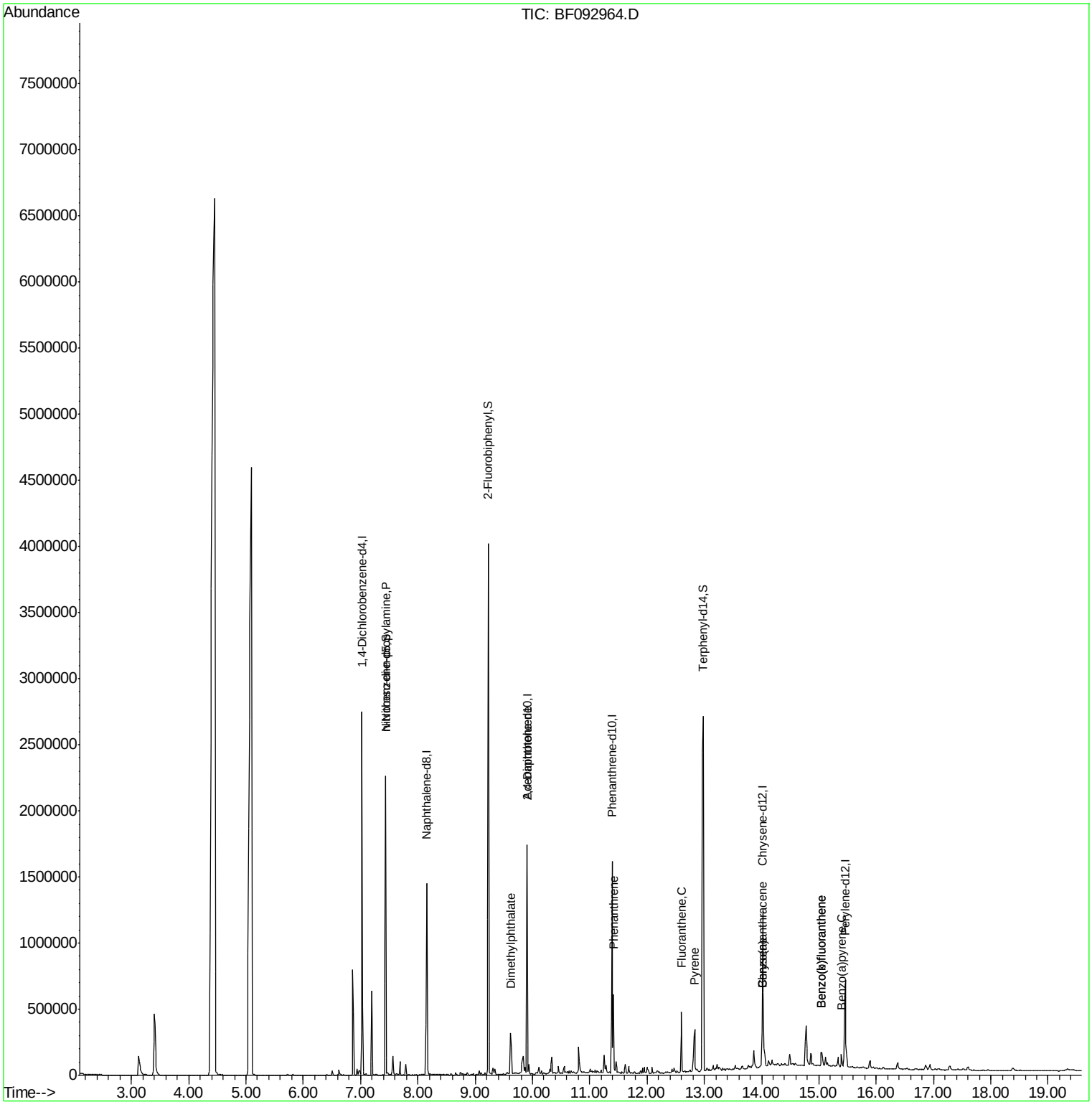
(#) = qualifier out of range (m) = manual integration (+) = signals summed

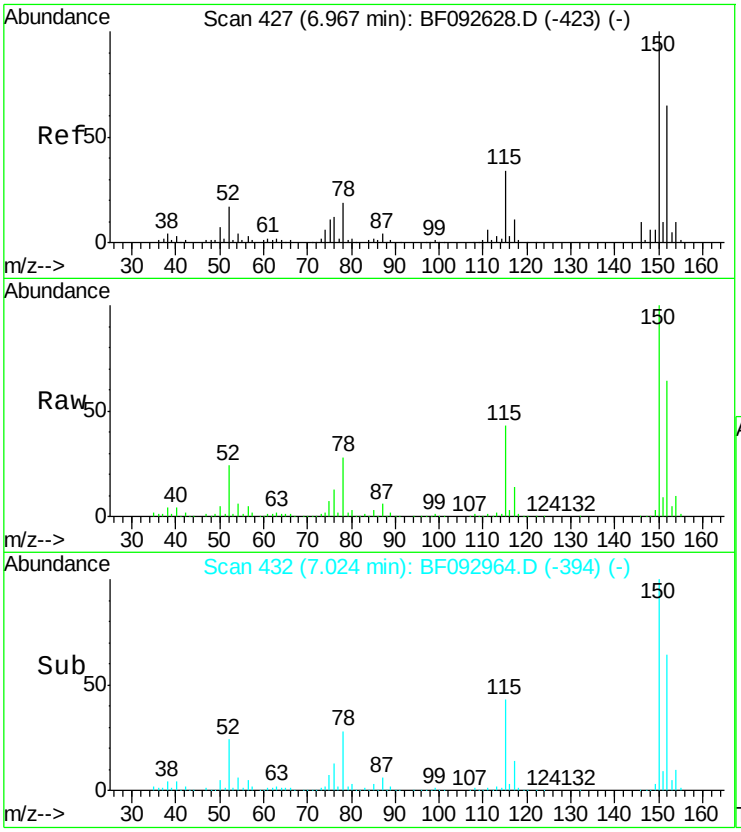
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021517\
Data File : BF092964.D
Acq On : 15 Feb 2017 21:20
Operator : SJ/MA
Sample : I1837-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 16 00:33:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration



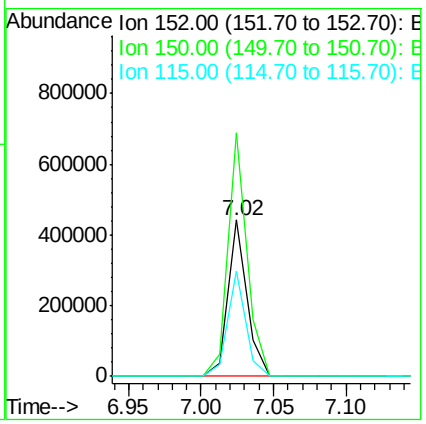


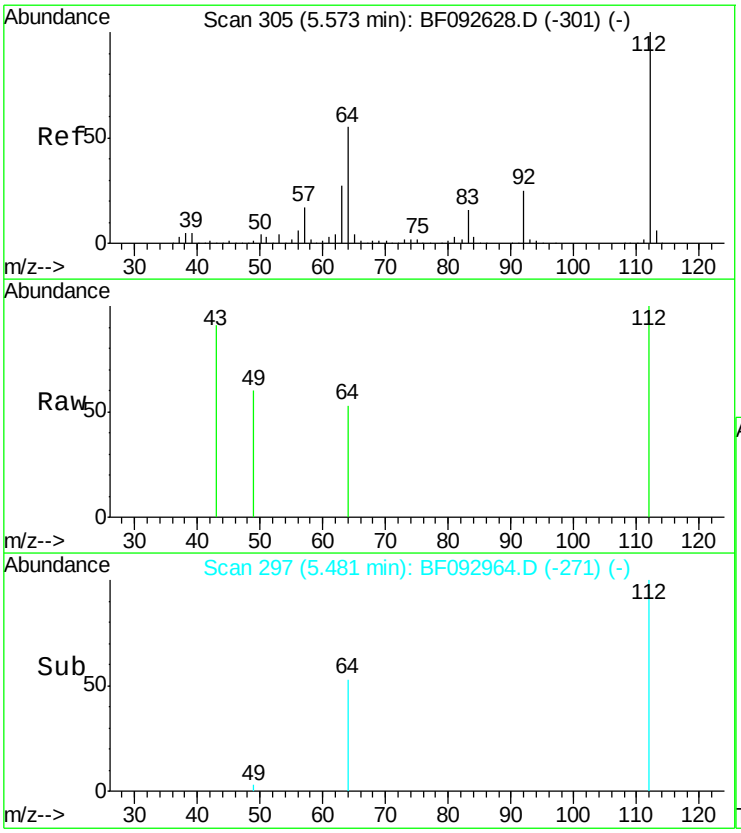
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.14 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 401107

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.9	187.3
115	67.3	46.0	69.0

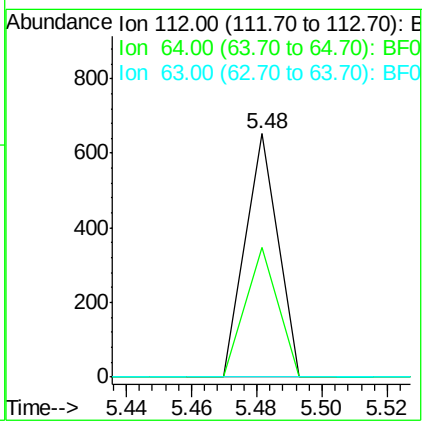


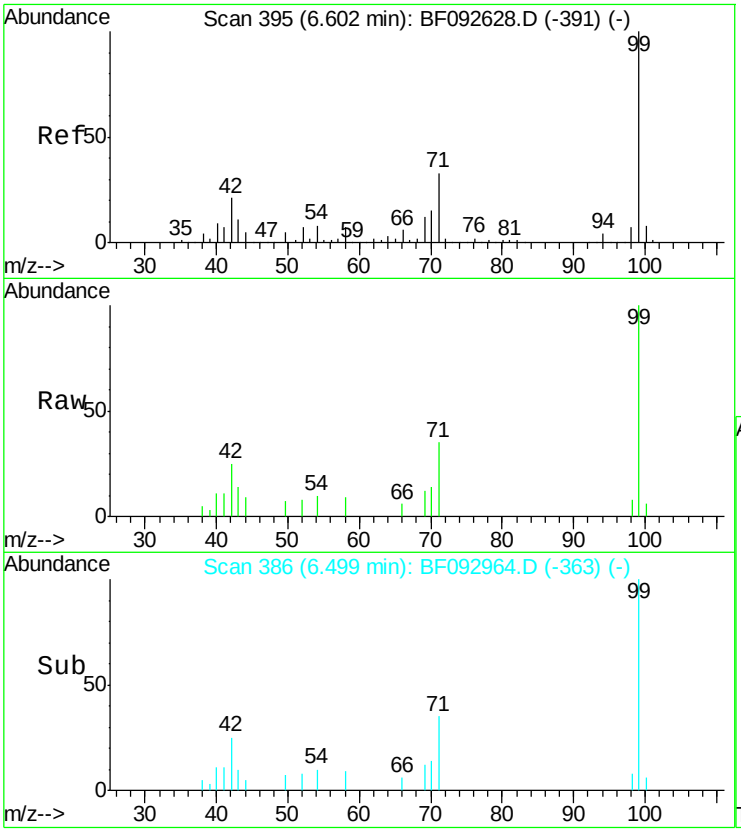


#5
2-Fluorophenol
Concen: 0.02 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Tgt Ion:112 Resp: 448

Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.1	69.1
63	0.0	23.8	35.6#



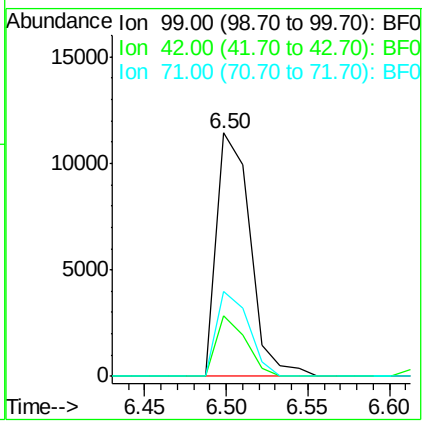


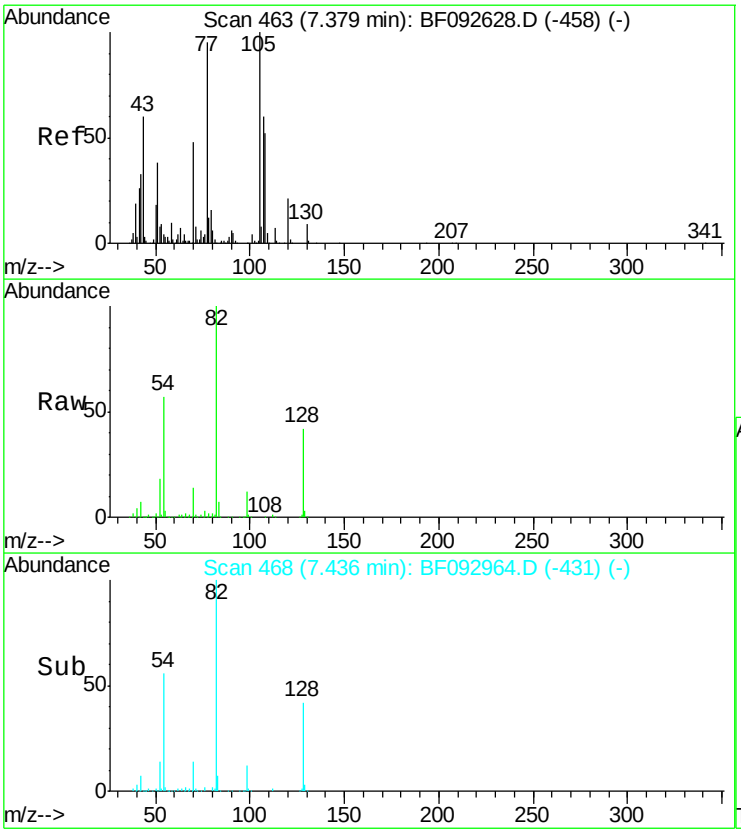
#7
Phenol-d6
Concen: 0.54 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.03 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 16276

Ion	Ratio	Lower	Upper
99	100		
42	24.6	15.6	23.4#
71	34.8	27.5	41.3

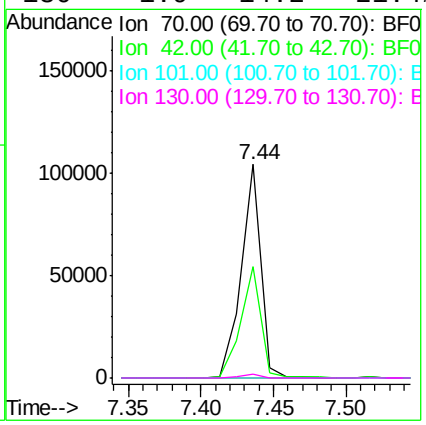


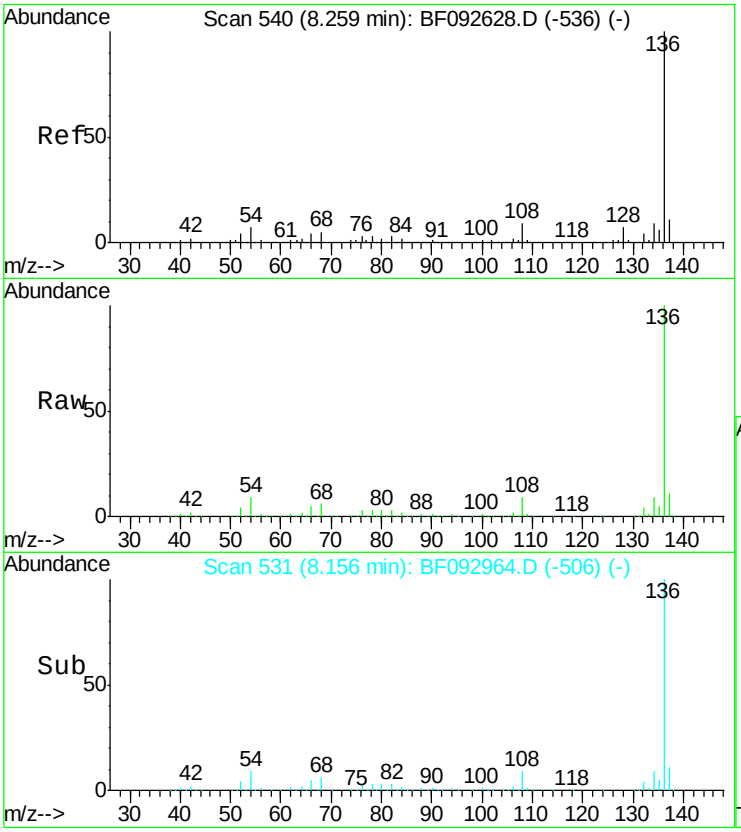


#19
n-Nitroso-di-n-propylamine
Concen: 5.07 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.13 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Tgt Ion: 70 Resp: 97136

Ion	Ratio	Lower	Upper
70	100		
42	52.2	49.4	74.0
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#



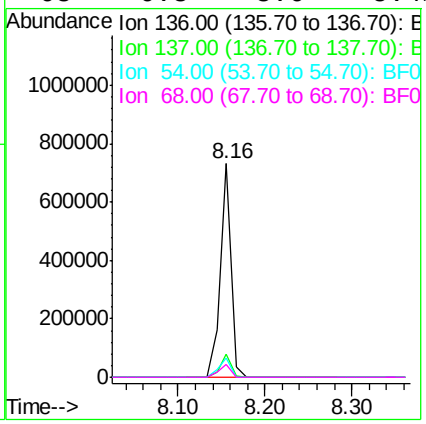


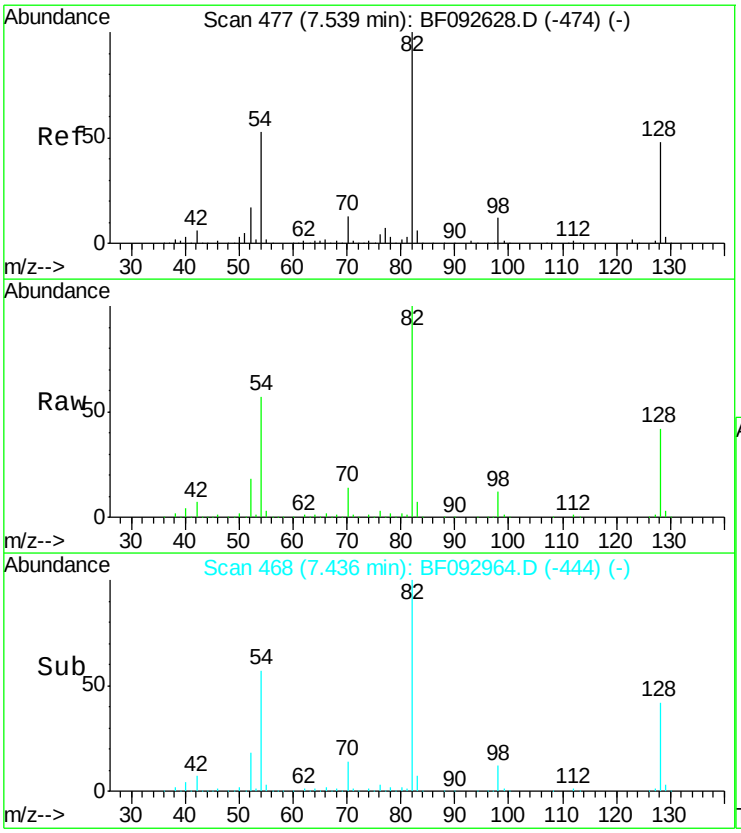
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 642348

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.8	4.5	6.7#
68	6.3	3.6	5.4#

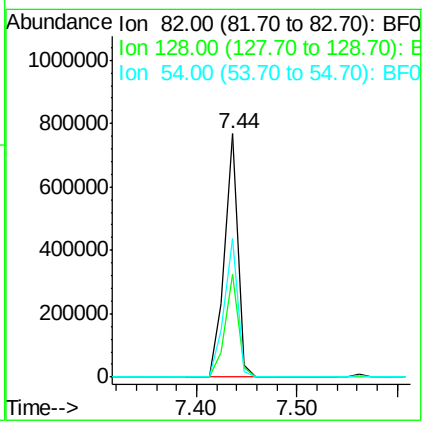


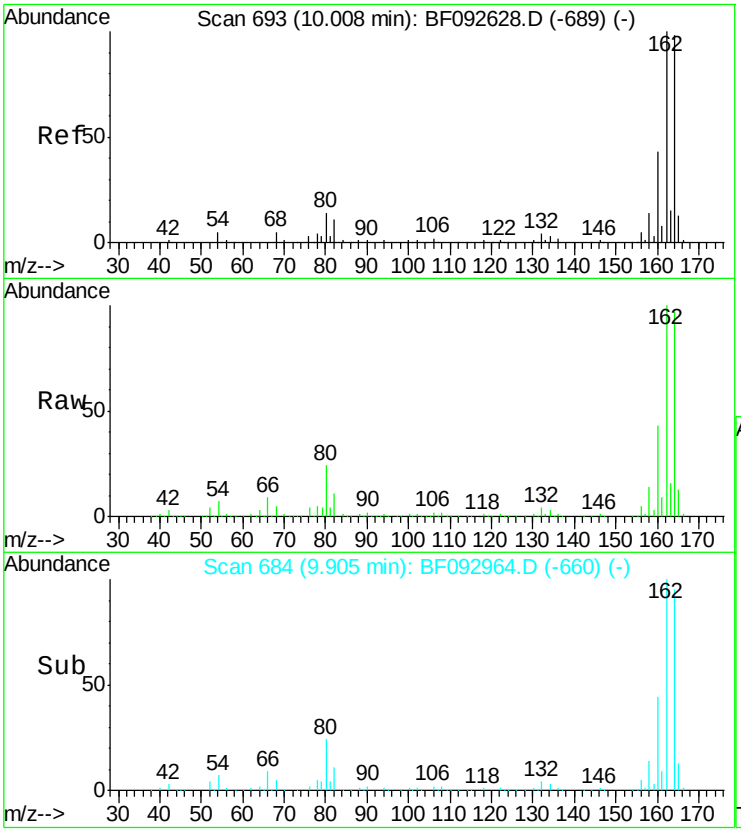


#23
Nitrobenzene-d5
Concen: 62.60 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Tgt Ion: 82 Resp: 722072

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	52.0
54	57.2	39.5	59.3



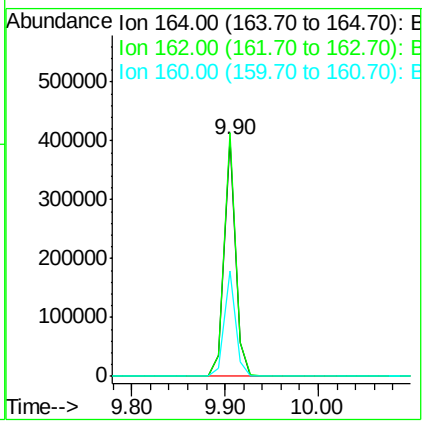


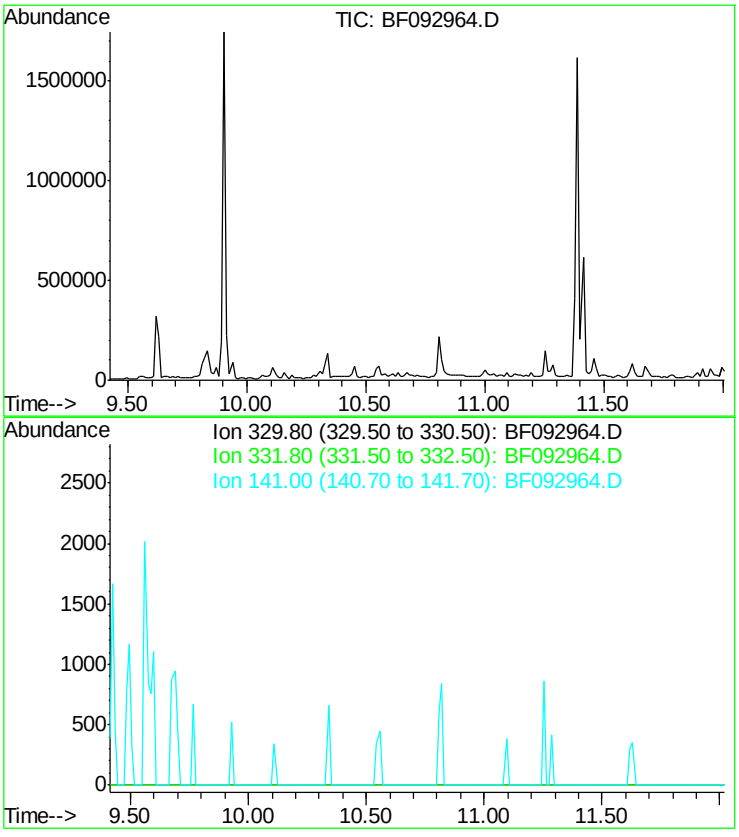
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 343603

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.2	120.2
160	44.6	36.9	55.3



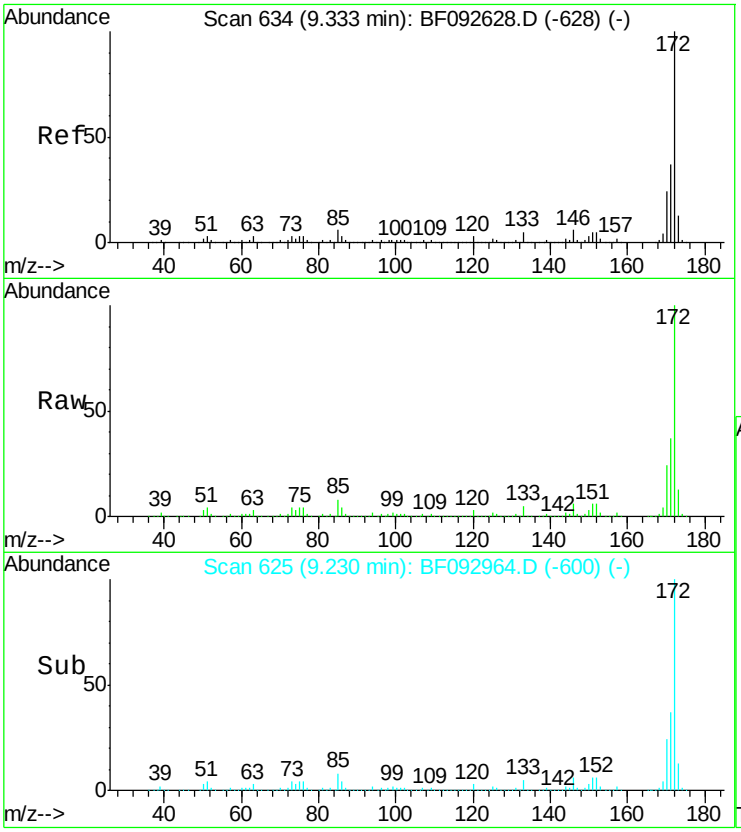


#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.72 min

Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.8
141	42.6

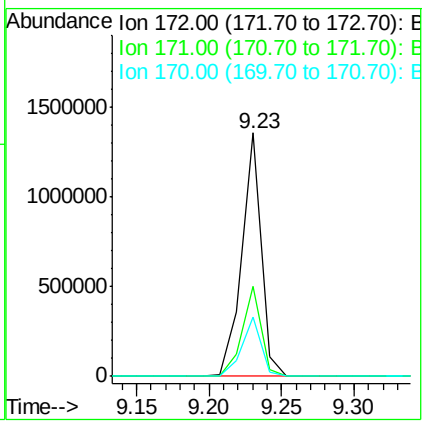


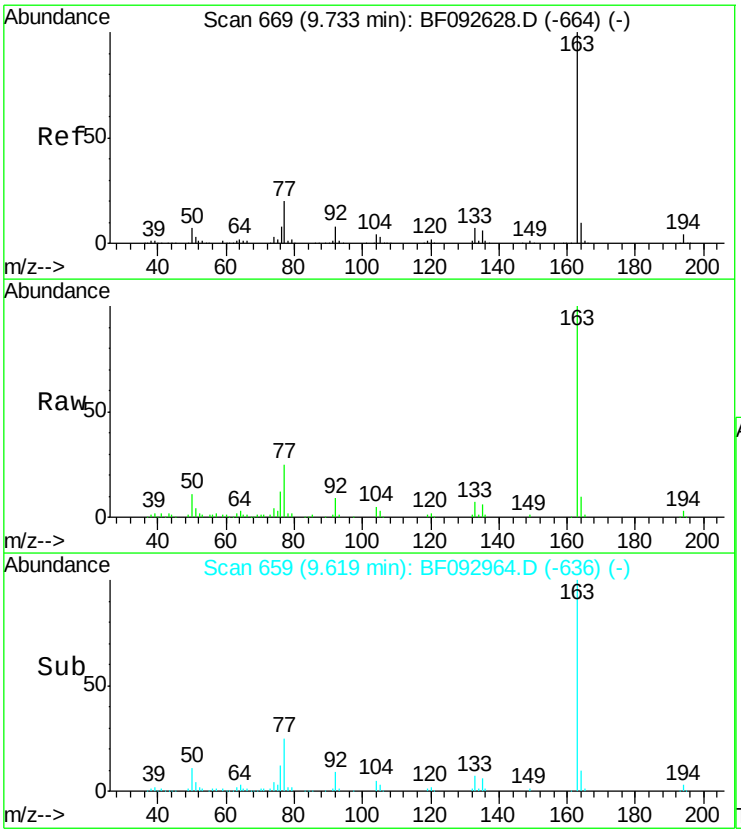
#44
2-Fluorobiphenyl
Concen: 66.85 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1267915

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.5	20.2	30.4

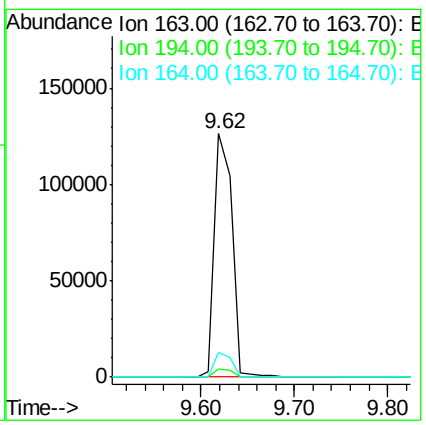


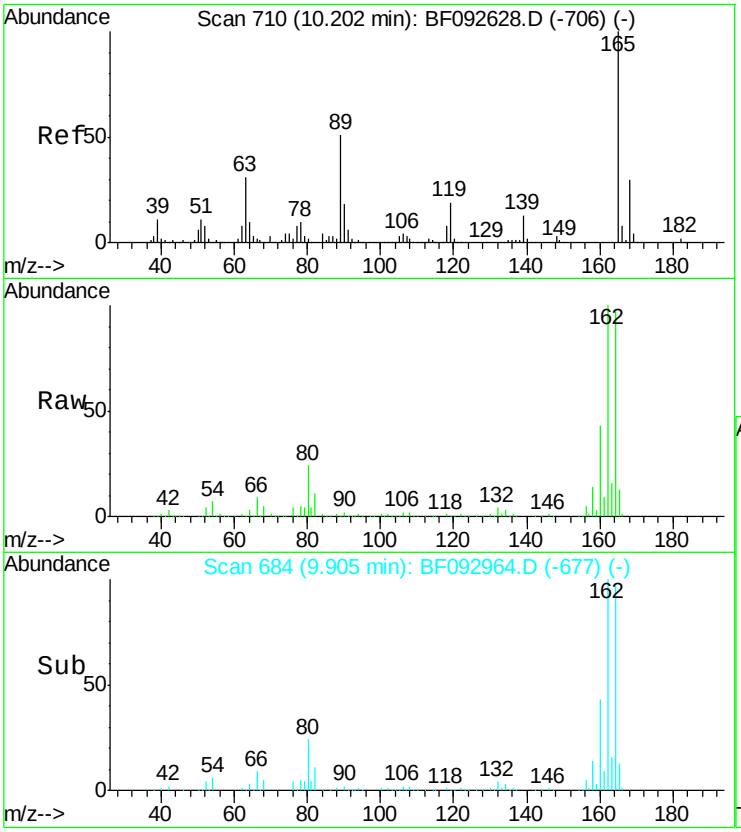


#49
Dimethylphthalate
Concen: 7.12 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Tgt Ion:163 Resp: 164685

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.2	8.0	12.0



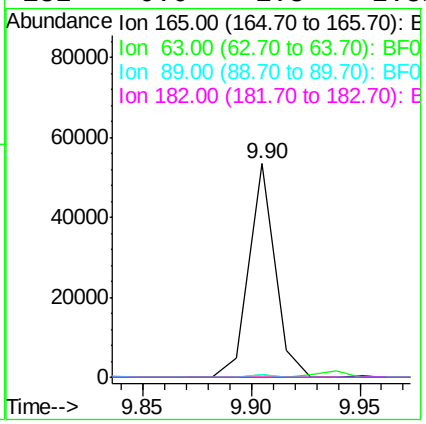


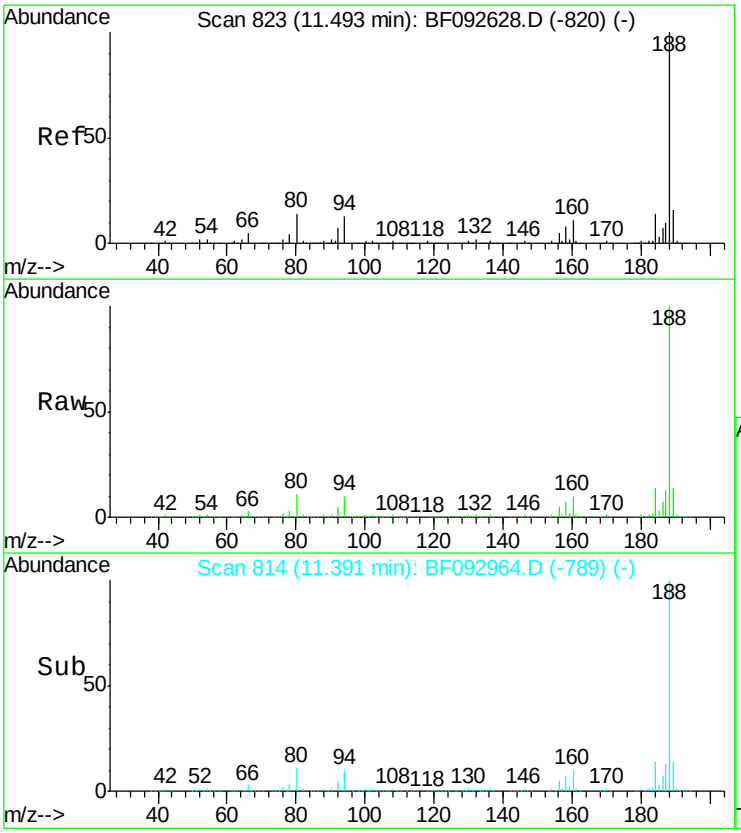
#56
2,4-Dinitrotoluene
Concen: 6.69 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.22 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 44502

Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

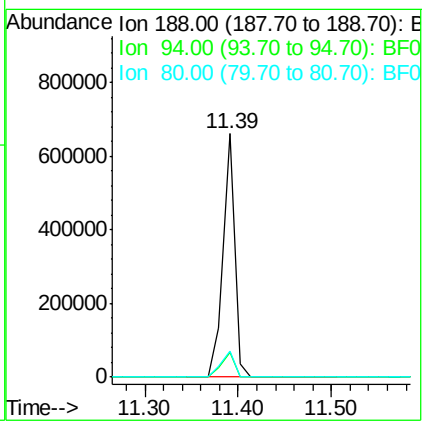


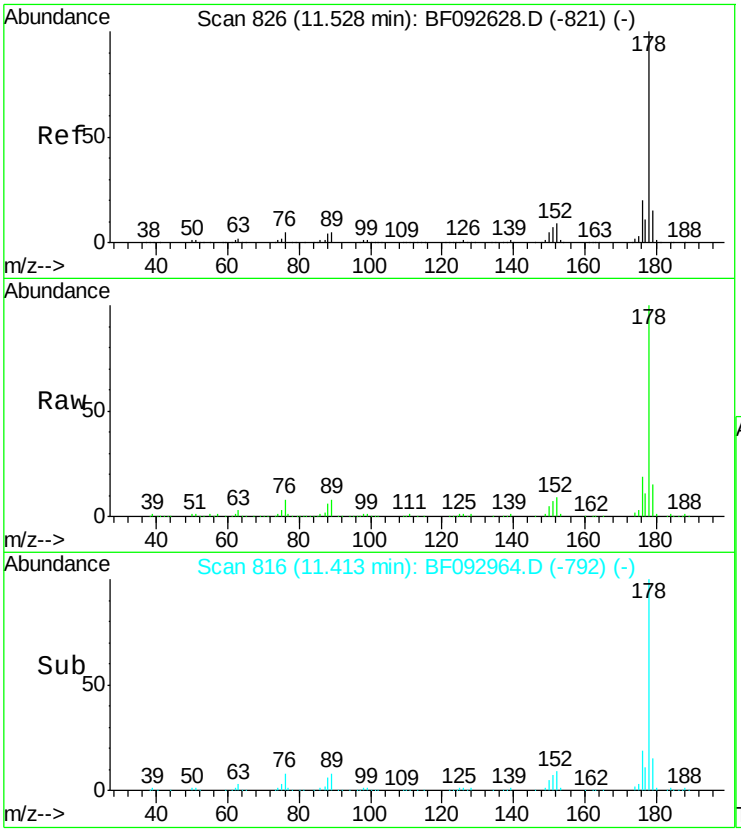


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Tgt Ion:188 Resp: 575816

Ion	Ratio	Lower	Upper
188	100		
94	10.0	10.0	15.0#
80	10.8	11.2	16.8#



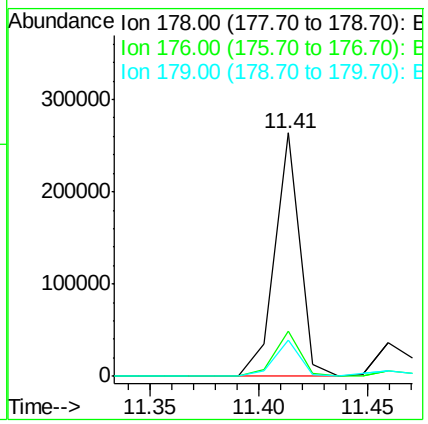


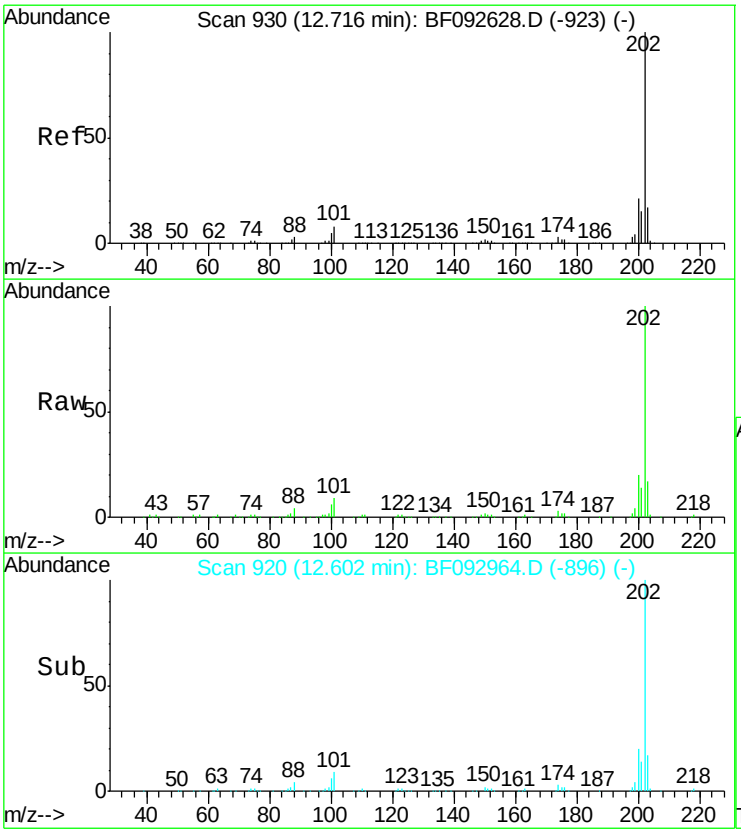
#70
Phenanthrene
Concen: 6.51 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 214753

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.6	25.0
179	14.9	12.8	19.2

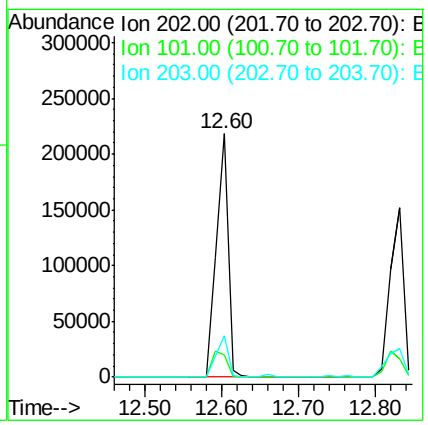


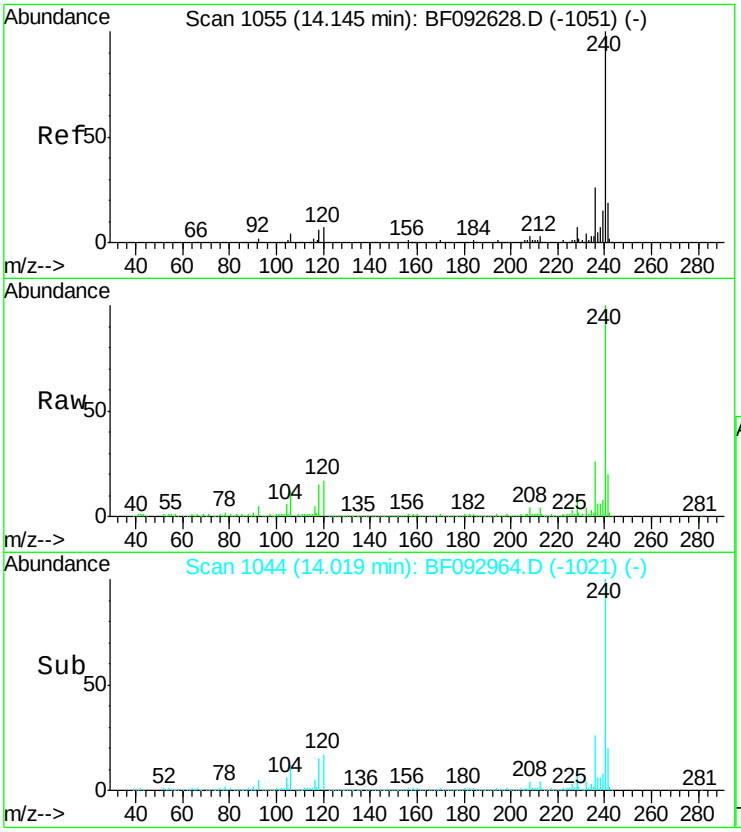


#74
Fluoranthene
Concen: 6.81 ng
RT: 12.60 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Tgt Ion:202 Resp: 231869

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	34.6
203	17.1	0.0	38.7



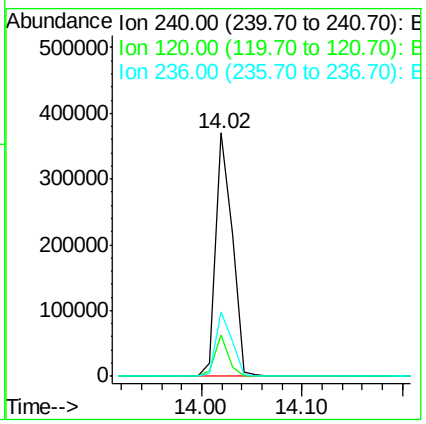


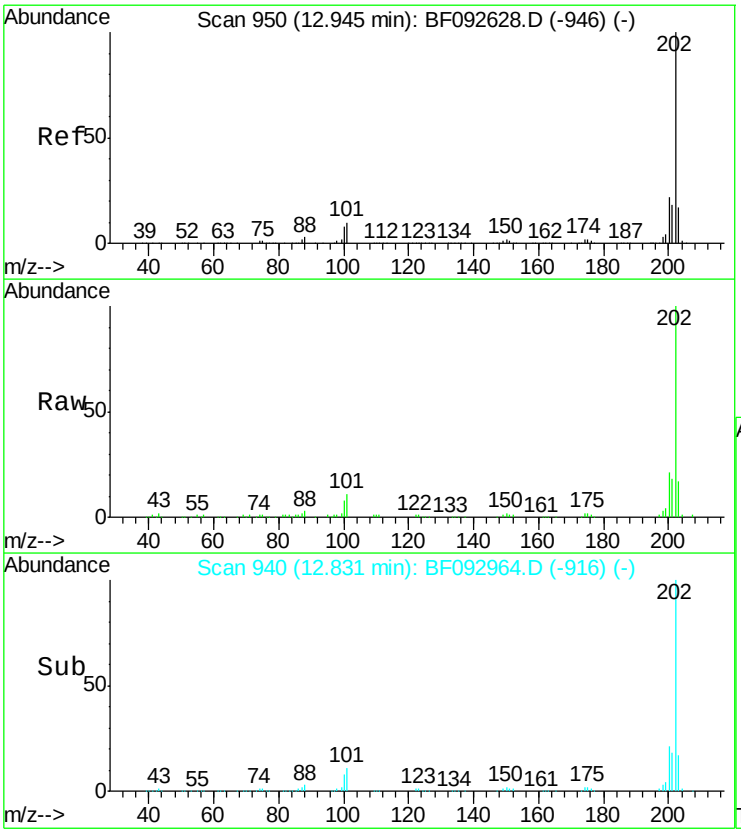
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 425410

Ion	Ratio	Lower	Upper
240	100		
120	17.2	12.9	19.3
236	26.3	20.9	31.3

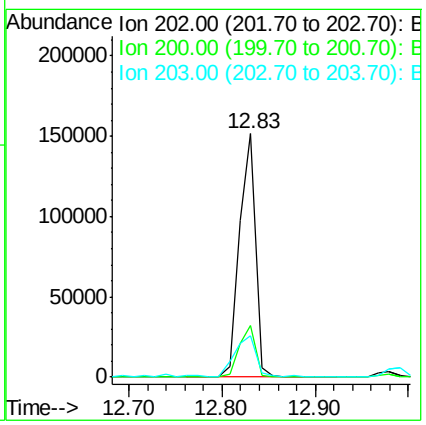


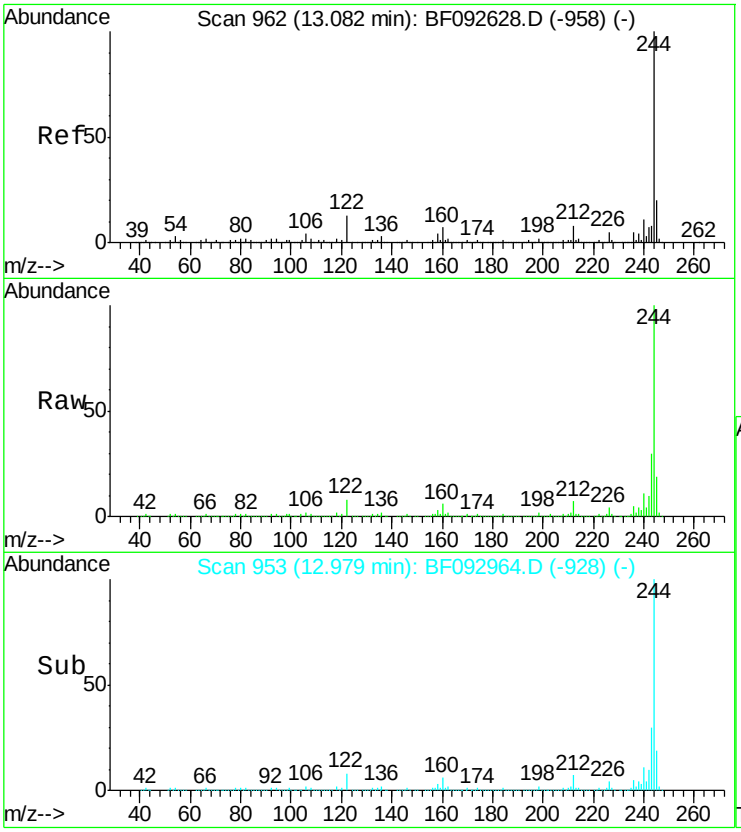


#77
Pyrene
Concen: 5.73 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Tgt Ion:202 Resp: 182311

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	16.9	14.7	22.1



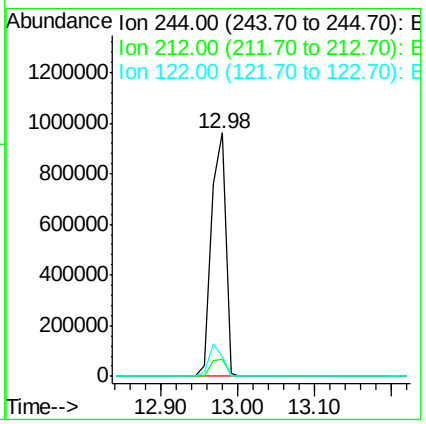


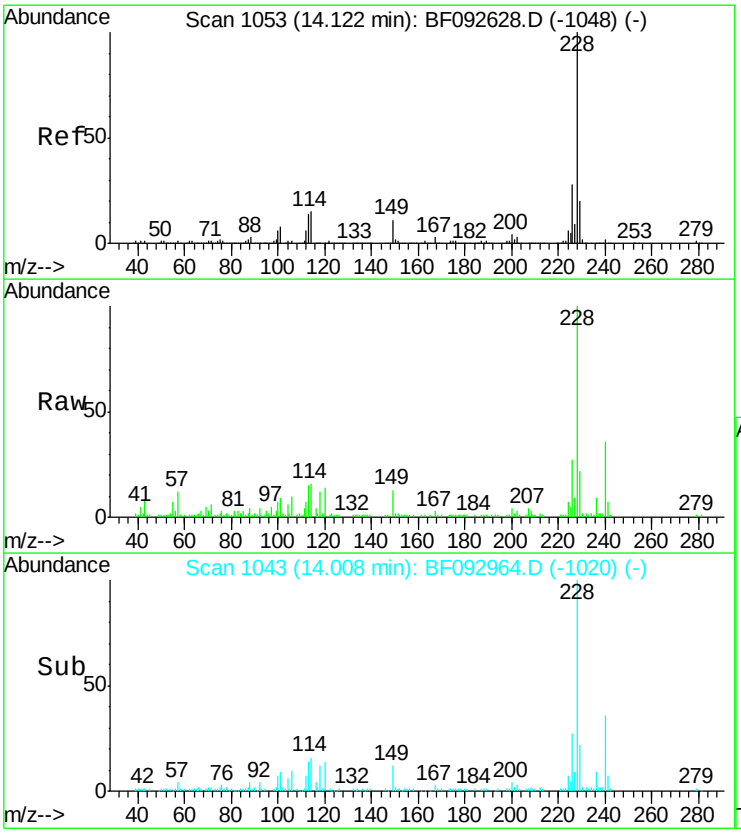
#78
Terphenyl-d14
Concen: 67.58 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1223618

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	8.1	11.4	17.2#

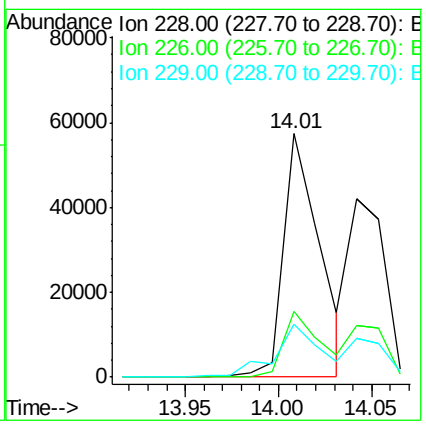


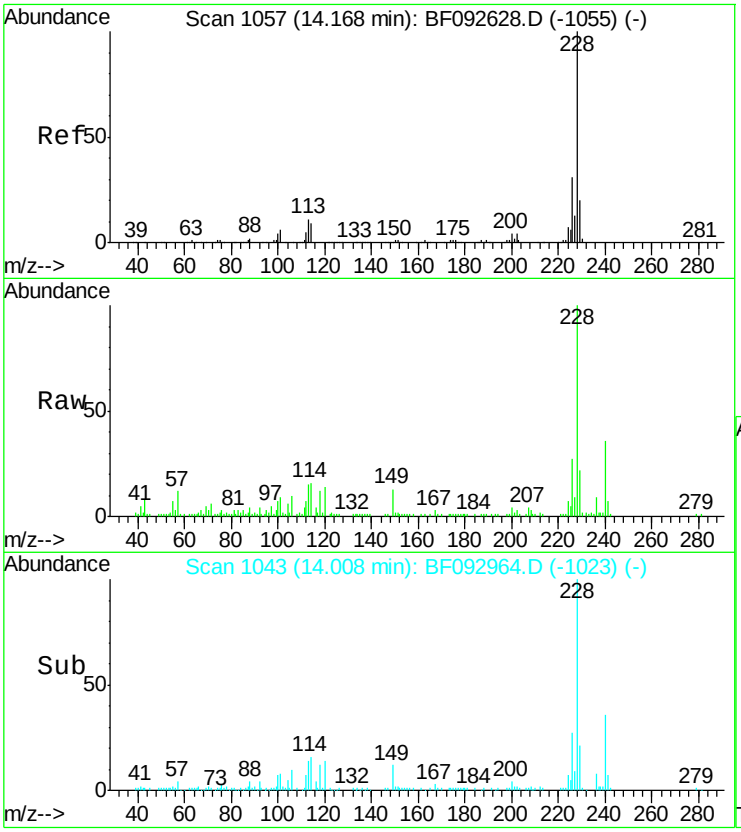


#80
Benzo(a)anthracene
Concen: 3.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Tgt Ion:228 Resp: 77939

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.4	33.6
229	21.7	16.2	24.4



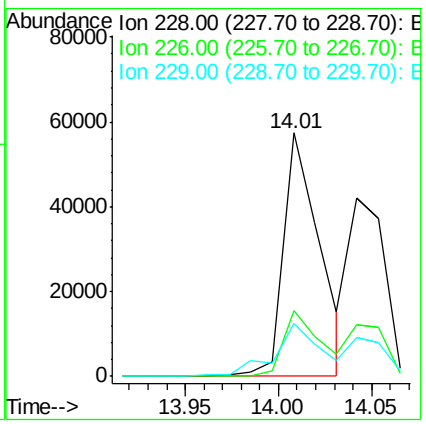


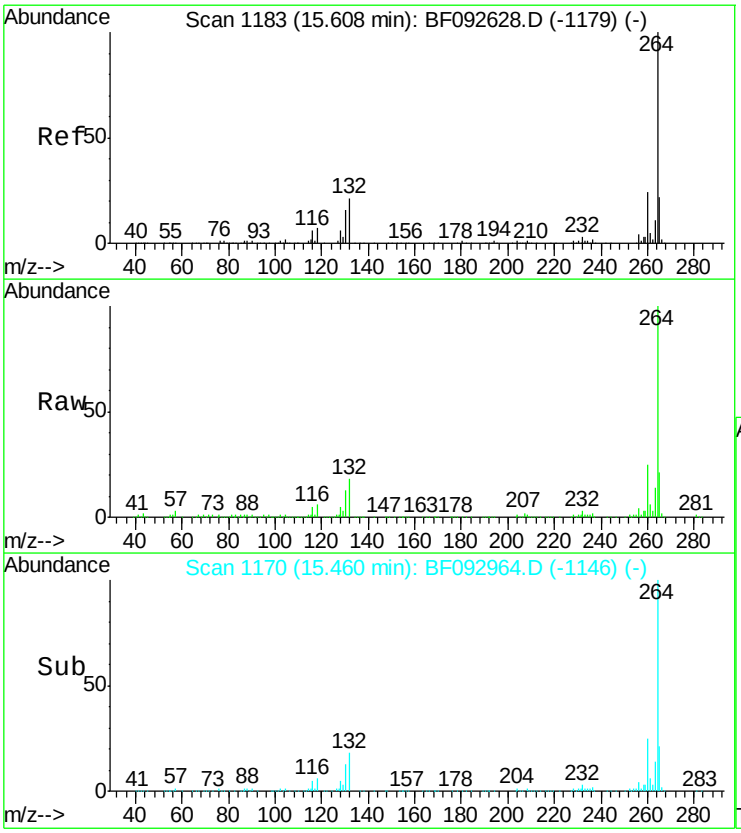
#82
Chrysene
Concen: 3.20 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.07 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 77939

Ion	Ratio	Lower	Upper
228	100		
226	26.9	25.4	38.0
229	21.7	16.2	24.2

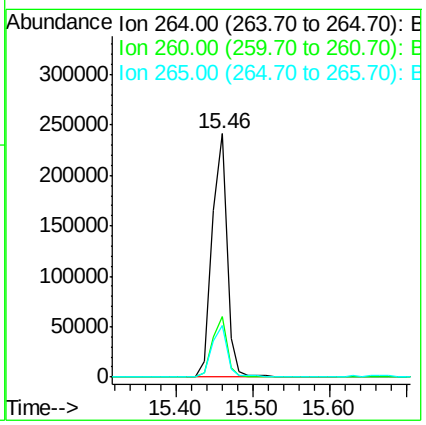


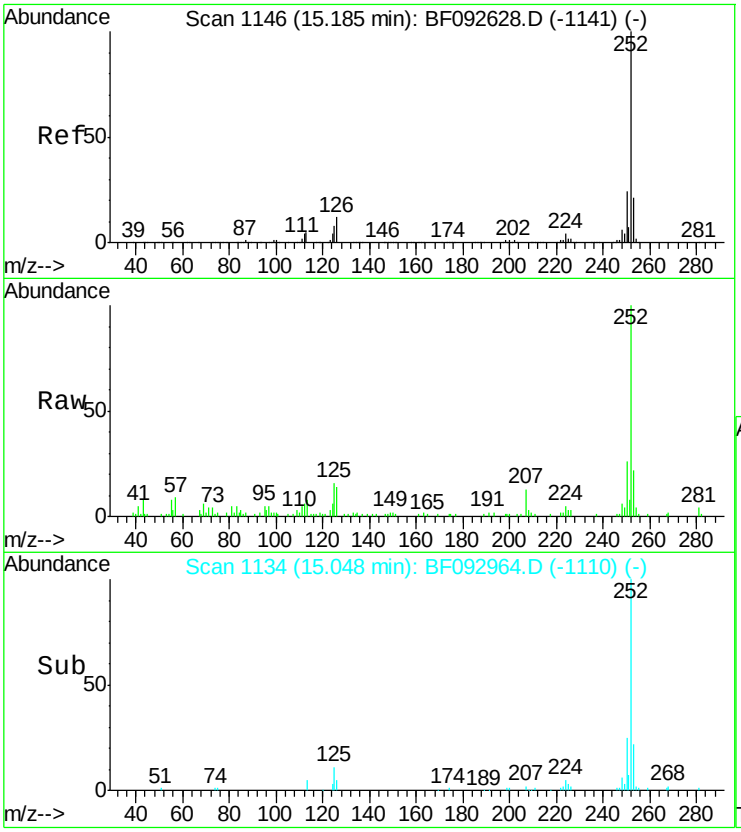


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Tgt Ion:264 Resp: 326116

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.1	17.4	26.0



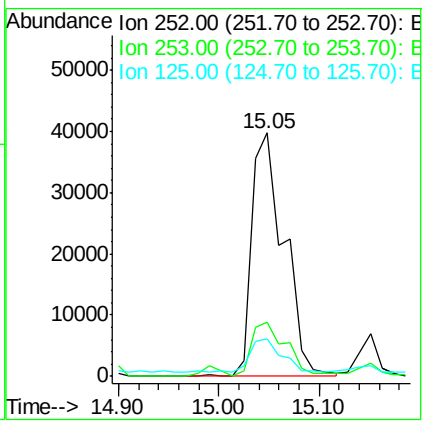


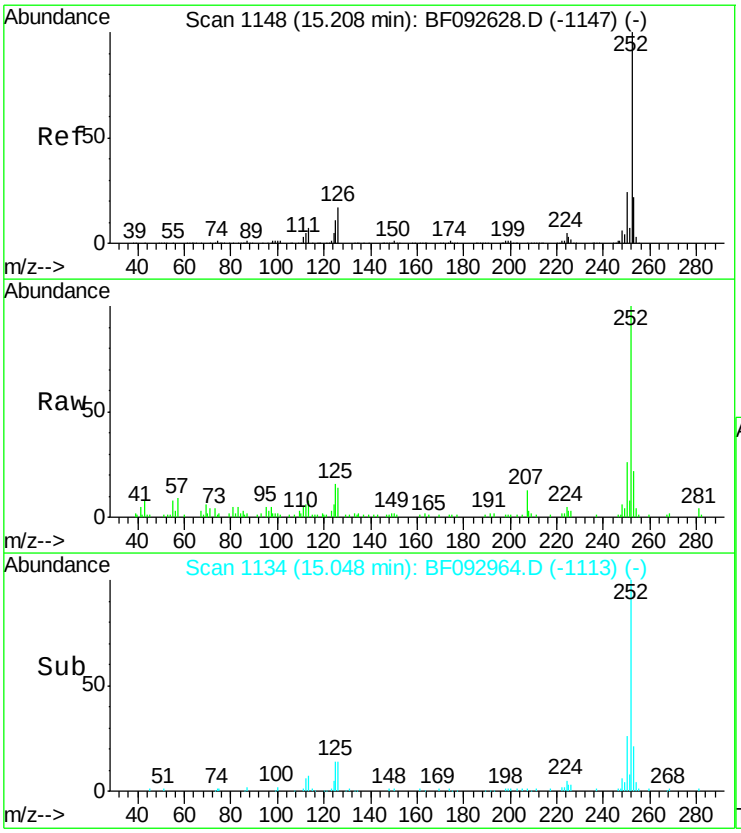
#87
Benzo(b)fluoranthene
Concen: 4.12 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 88357

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	15.6	9.8	14.6#

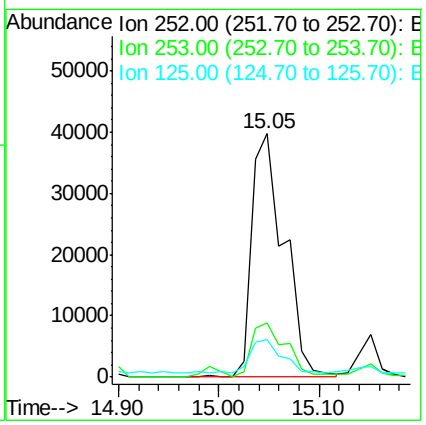


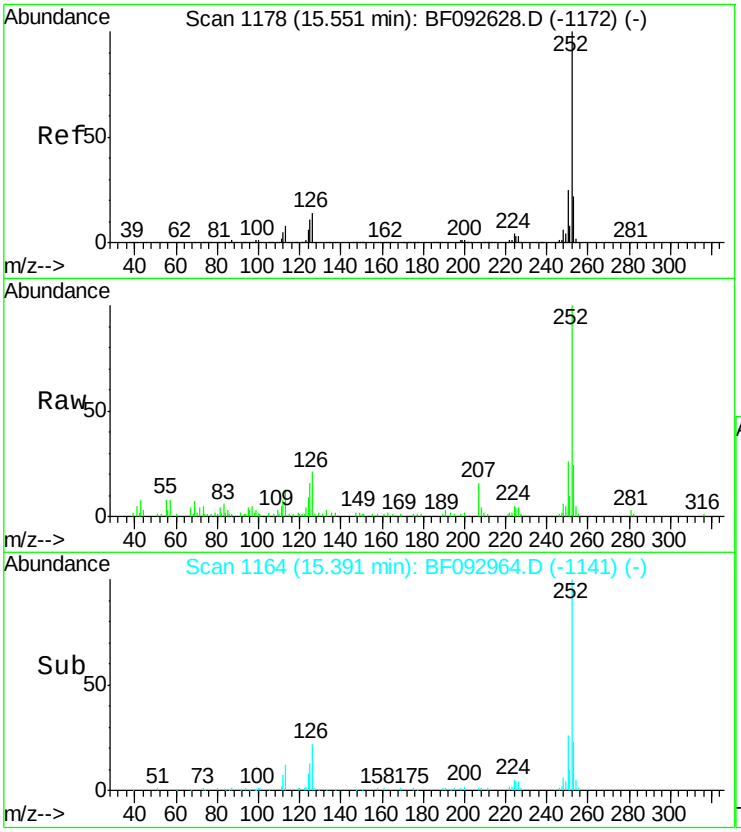


#88
Benzo(k)fluoranthene
Concen: 4.77 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.06 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Tgt Ion:252 Resp: 88357

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	15.6	8.9	13.3#





#89
Benzo(a)pyrene
Concen: 2.45 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BF092964.D
Acq: 15 Feb 2017 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 45441

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	15.8	10.0	15.0#