Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090593.D
Acq On : 15 Oct 2016 8:02
Operator : UM/SJ
Sample : H5227-03 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Time: Oct 17 00:46:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 12:44:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	219915	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	934680	20.00	ng		-0.01
38) Acenaphthene-d10	9.96	164	485000	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	631097	20.00	ng		-0.01
75) Chrysene-d12	14.09	240	440511	20.00	ng		-0.01
86) Perylene-d12	15.55	264	422994	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	206645	17.23	ng		-0.01
7) Phenol-d6	6.54	99	298139	16.73	ng		-0.01
23) Nitrobenzene-d5	7.48	82	174624	10.38	ng		-0.01
41) 2,4,6-Tribromophenol	10.75	330	42651	9.86	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	277701	9.43	ng		-0.01
78) Terphenyl-d14	13.03	244	187009	9.88	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	9.67	163	67887	2.16	ng		98
70) Phenanthrene	11.47	178	77634	2.30	ng		98
74) Fluoranthene	12.66	202	127561	3.76	ng		95
77) Pyrene	12.89	202	117204	4.02	ng		98
80) Benzo(a)anthracene	14.08	228	132826	5.30	ng		93
82) Chrysene	14.08	228	132826	5.50	ng		95
85) Indeno(1,2,3-cd)pyrene	17.00	276	37670	2.70	ng	#	91
87) Benzo(b)fluoranthene	15.13	252	125036	4.52	ng		96
88) Benzo(k)fluoranthene	15.13	252	125036	4.20	ng	#	94
89) Benzo(a)pyrene	15.49	252	66278	2.62	ng		96

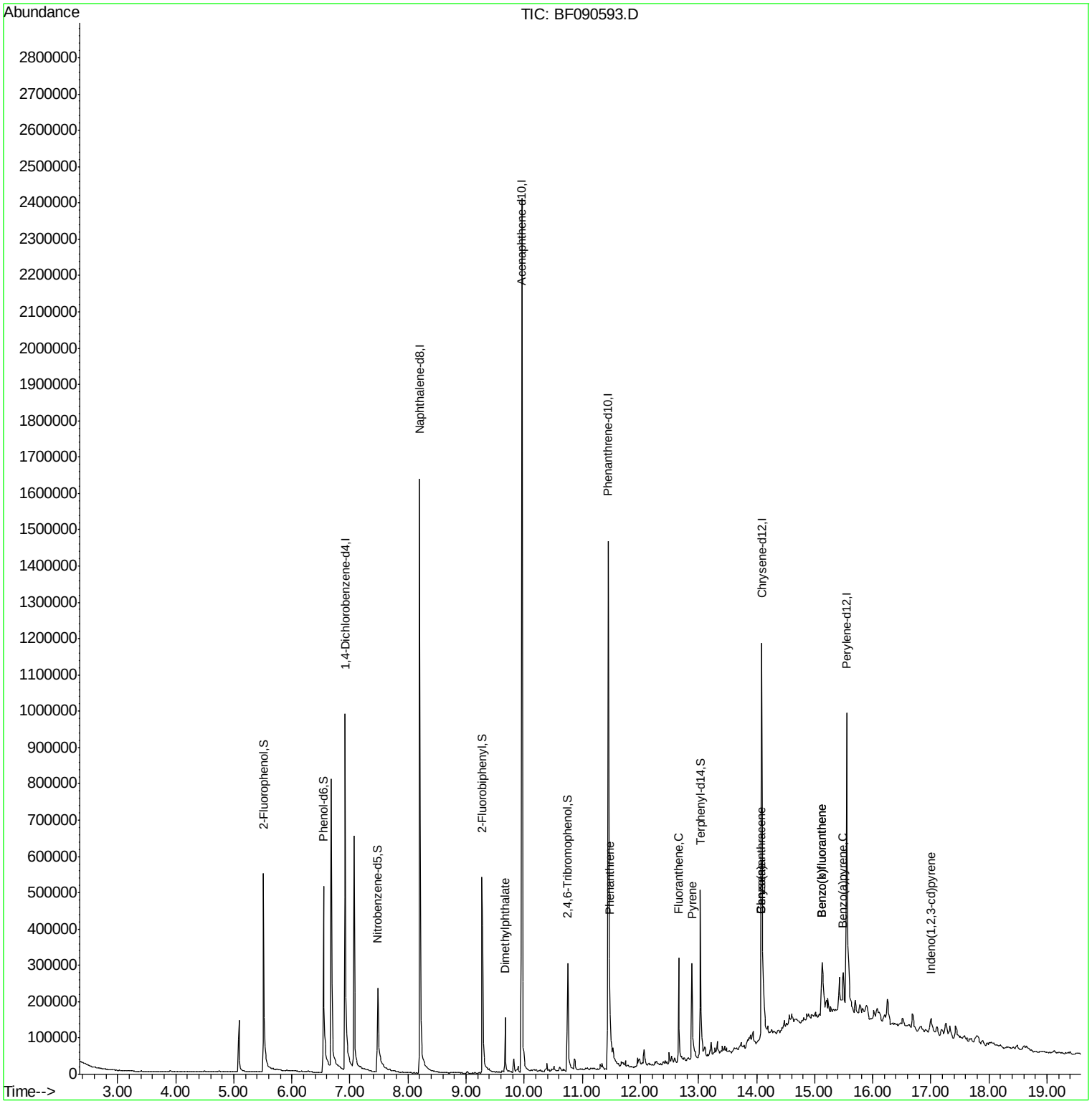
(#) = qualifier out of range (m) = manual integration (+) = signals summed

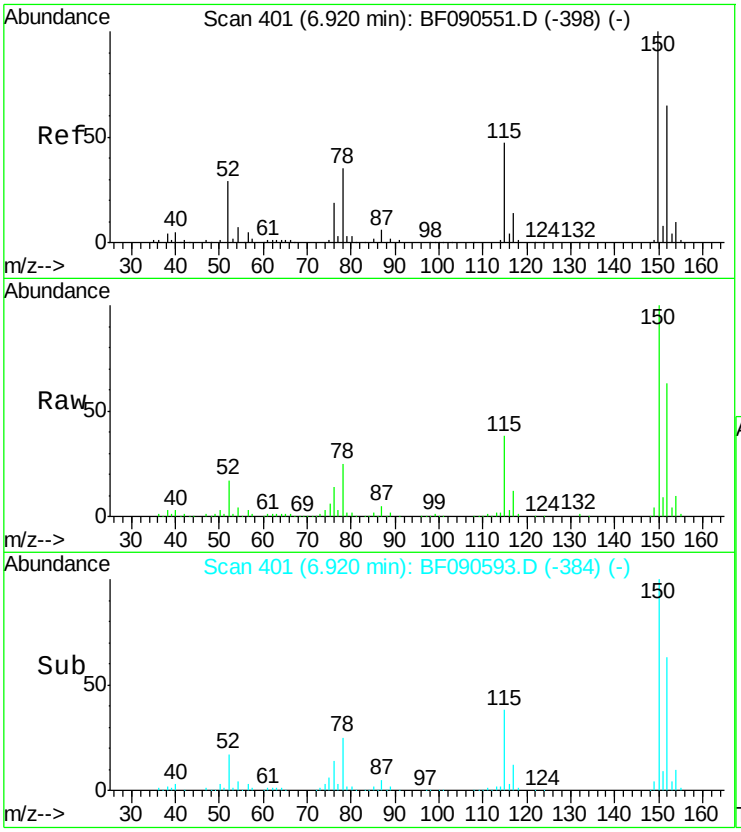
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090593.D
Acq On : 15 Oct 2016 8:02
Operator : UM/SJ
Sample : H5227-03 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3

Quant Time: Oct 17 00:46:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 12:44:45 2016
Response via : Initial Calibration



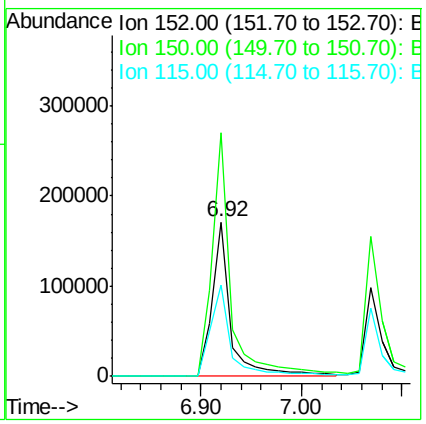


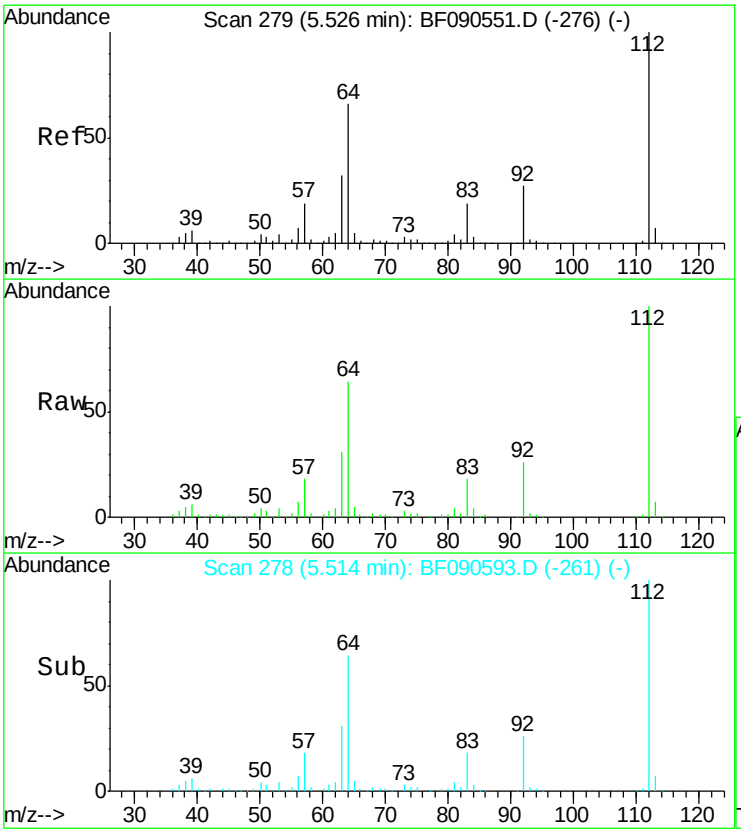
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Instrument :
BNA_F
ClientSampleId :
3

Tgt Ion:152 Resp: 219915

Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.2	190.8
115	59.1	58.6	88.0

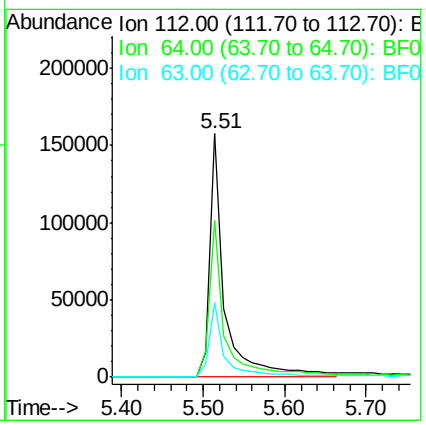


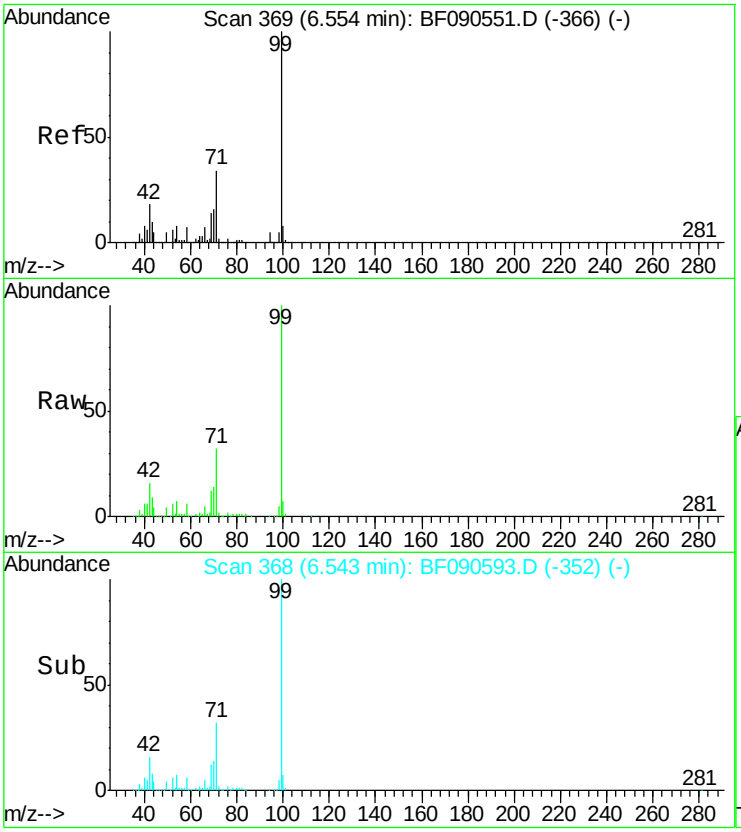


#5
2-Fluorophenol
Concen: 17.23 ng
RT: 5.51 min Scan# 278
Delta R.T. -0.01 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Tgt Ion:112 Resp: 206645

Ion	Ratio	Lower	Upper
112	100		
64	64.3	52.6	78.8
63	30.8	26.0	39.0



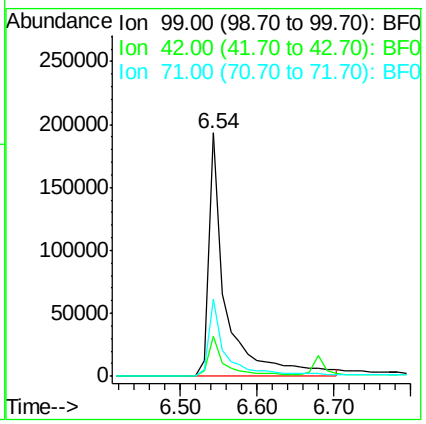


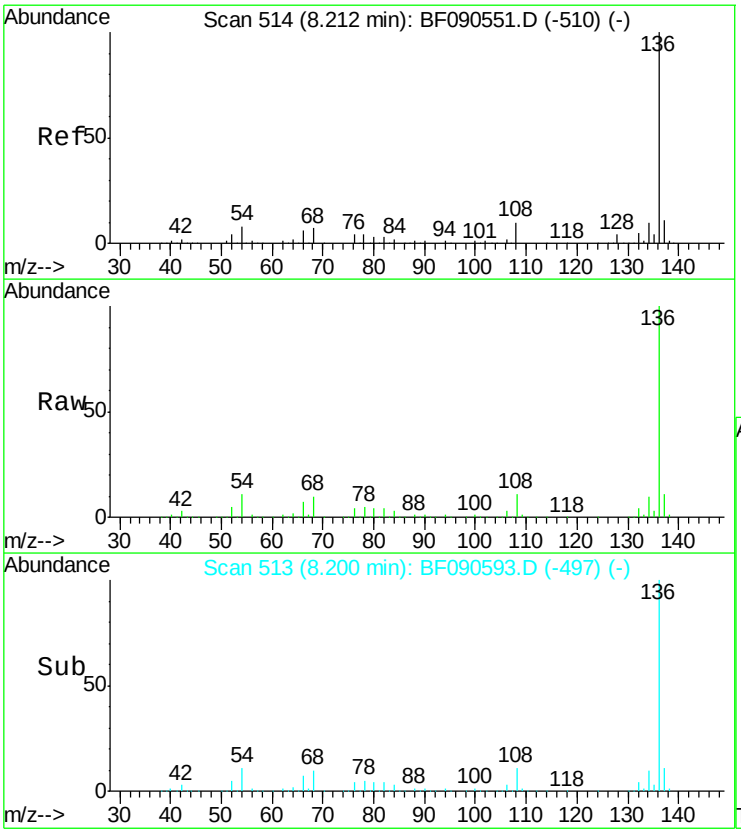
#7
Phenol-d6
Concen: 16.73 ng
RT: 6.54 min Scan# 368
Delta R.T. -0.01 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Instrument :
BNA_F
ClientSampleId :
3

Tgt Ion: 99 Resp: 298139

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.7	22.1
71	31.8	27.6	41.4

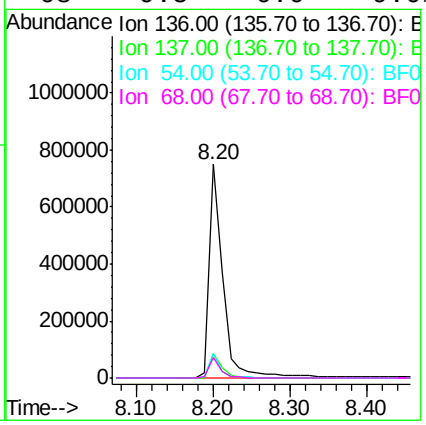


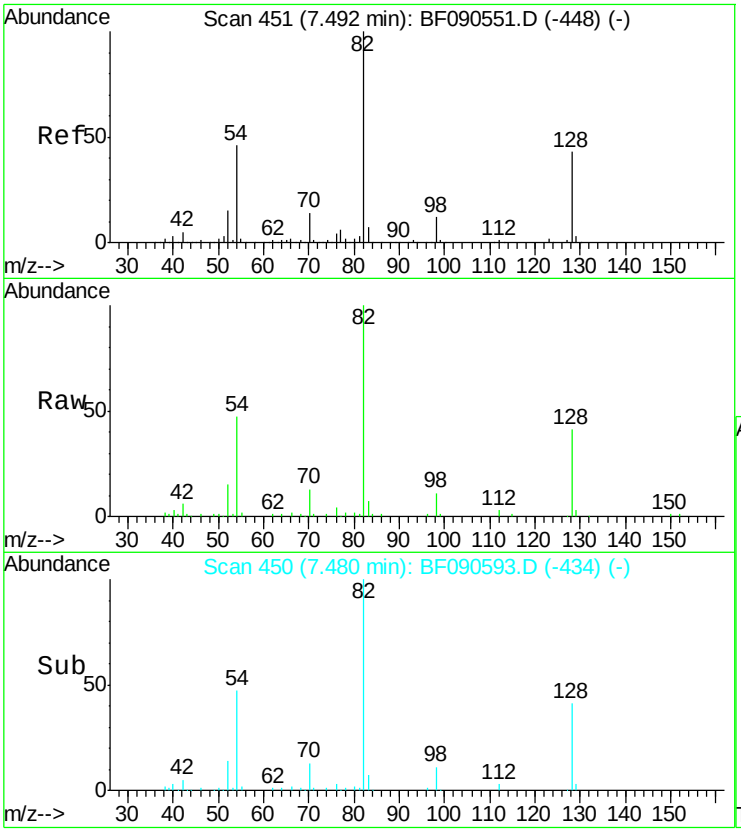


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Tgt Ion:136 Resp: 934680

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	11.3	6.8	10.2#
68	9.5	6.0	9.0#



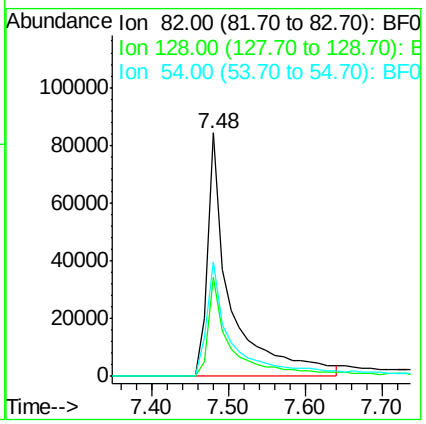


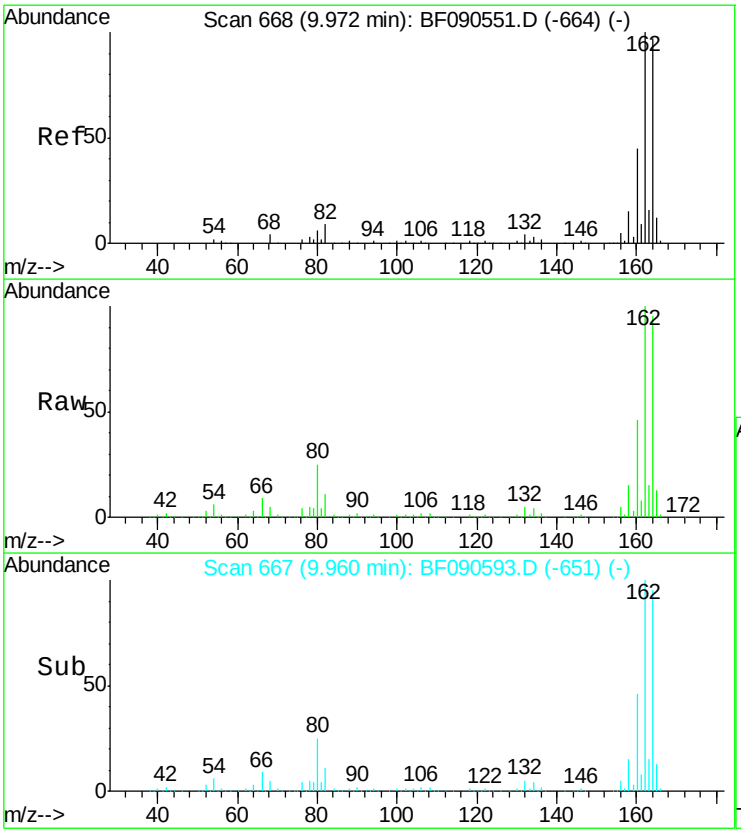
#23
Nitrobenzene-d5
Concen: 10.38 ng
RT: 7.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Instrument :
BNA_F
ClientSampleId :
3

Tgt Ion: 82 Resp: 174624

Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.3	51.5
54	47.1	37.0	55.6

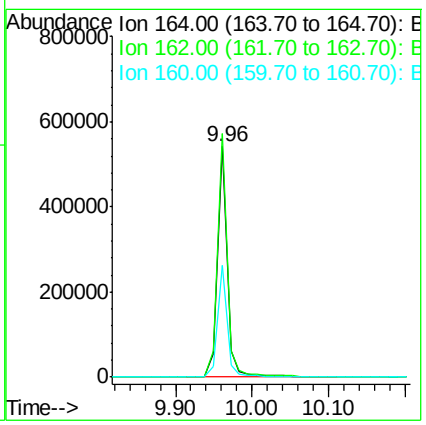


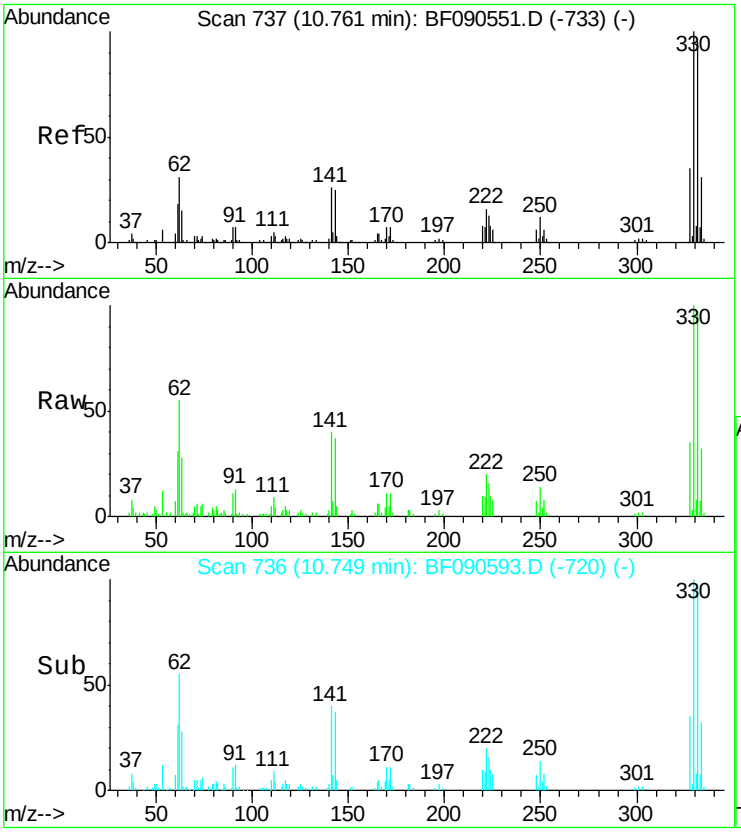


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Tgt Ion:164 Resp: 485000

Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.2	123.4
160	48.4	36.6	55.0



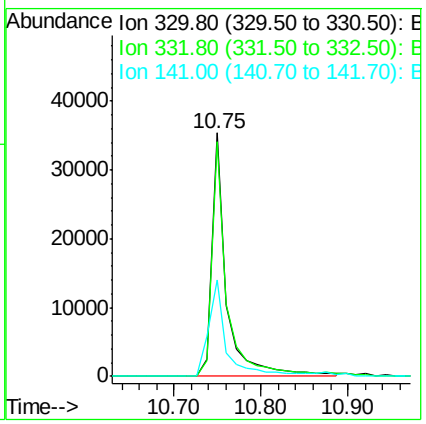


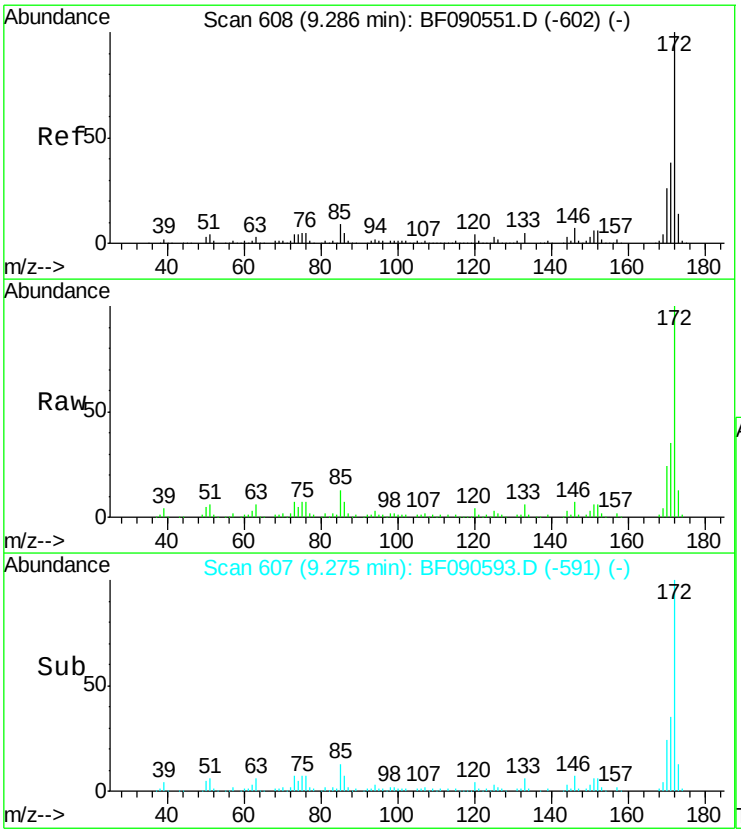
#41
2,4,6-Tribromophenol
Concen: 9.86 ng
RT: 10.75 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Instrument :
BNA_F
ClientSampleId :
3

Tgt Ion:330 Resp: 42651

Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.2	114.2
141	48.5	31.4	47.2#

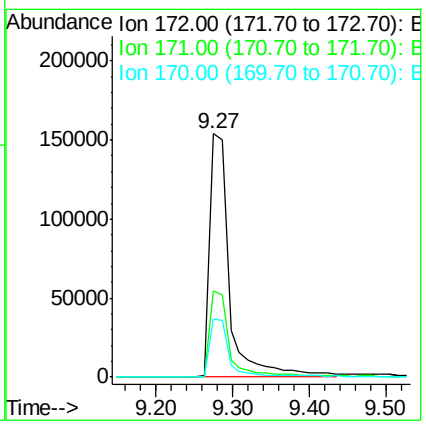


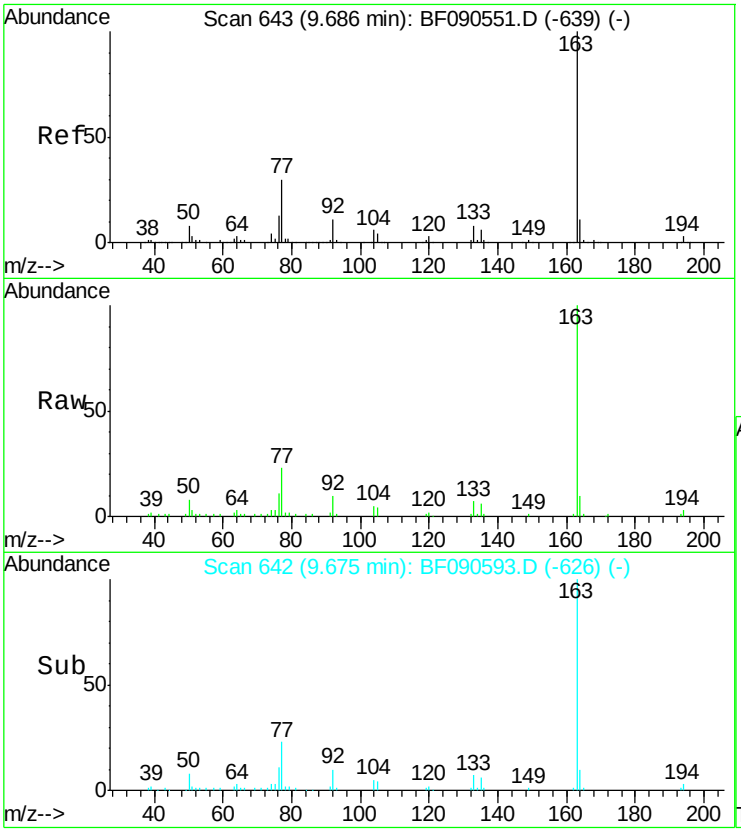


#44
2-Fluorobiphenyl
Concen: 9.43 ng
RT: 9.27 min Scan# 607
Delta R.T. -0.01 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Tgt Ion:172 Resp: 277701

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.1	45.1
170	23.6	20.6	30.8



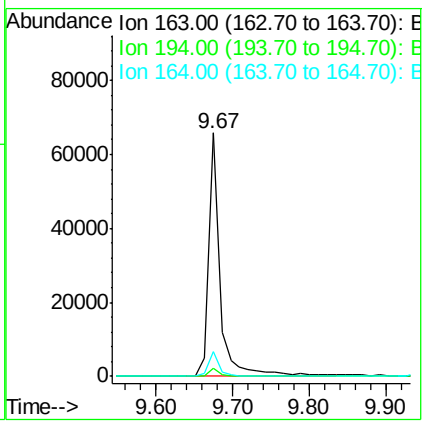


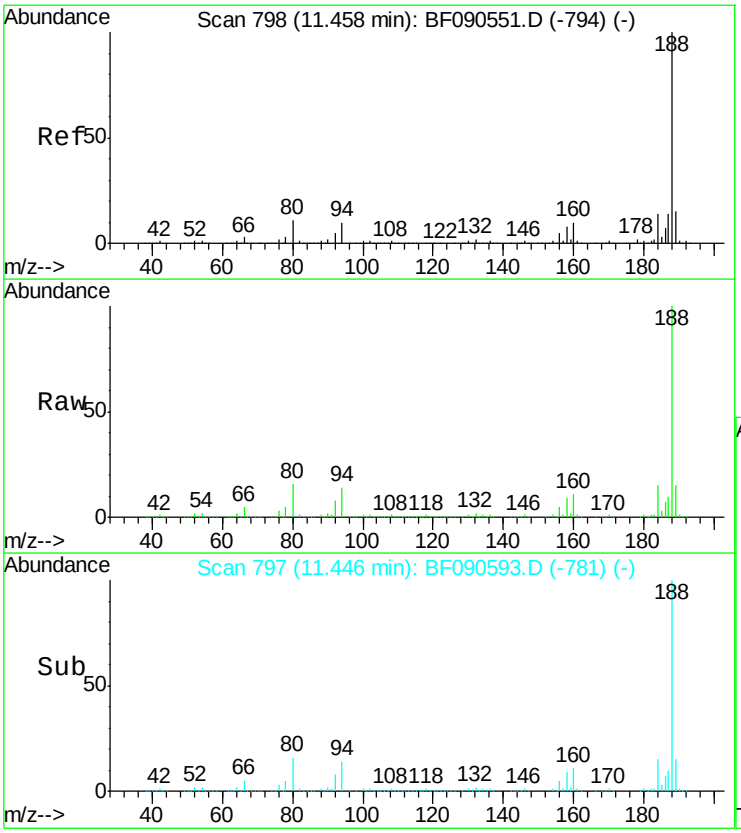
#49
Dimethylphthalate
Concen: 2.16 ng
RT: 9.67 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Instrument :
BNA_F
ClientSampleId :
3

Tgt Ion:163 Resp: 67887

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.3	3.5
164	10.2	8.6	13.0

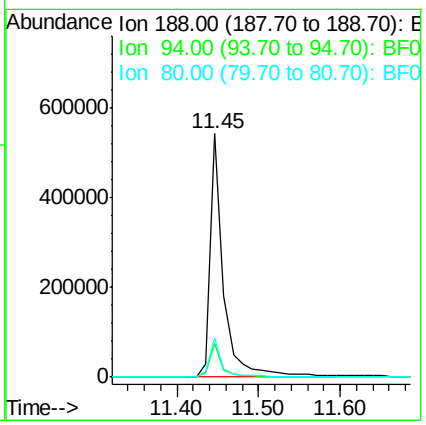


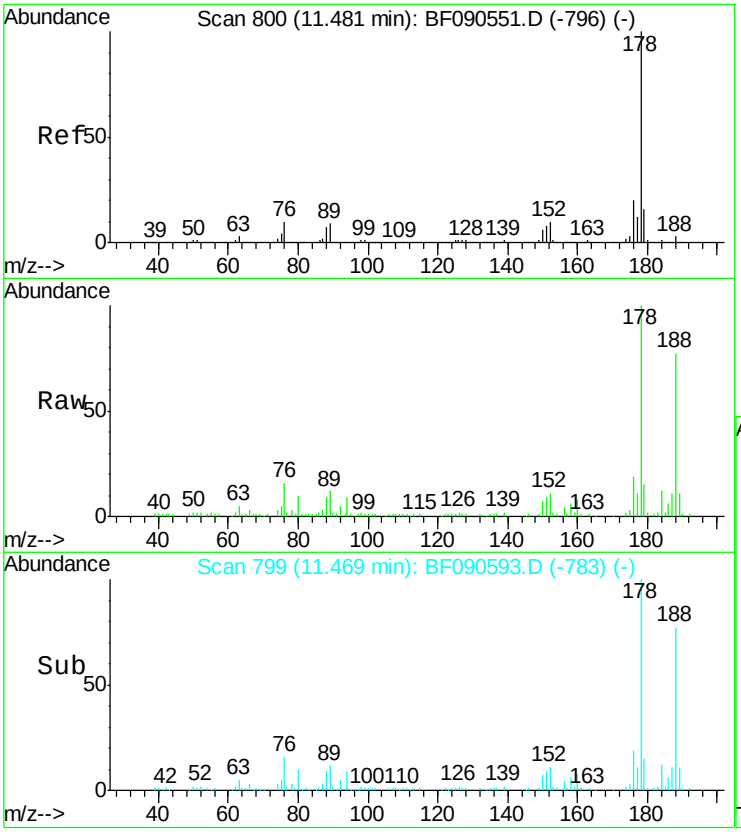


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Tgt Ion:188 Resp: 631097

Ion	Ratio	Lower	Upper
188	100		
94	13.7	7.7	11.5#
80	15.7	8.6	12.8#



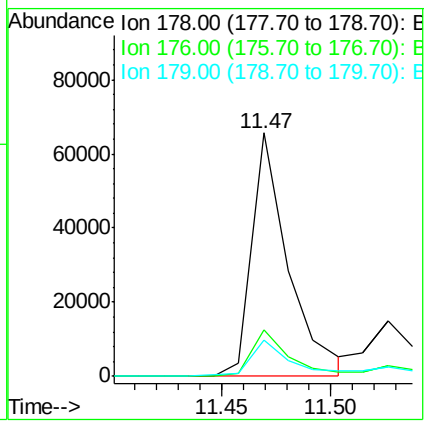


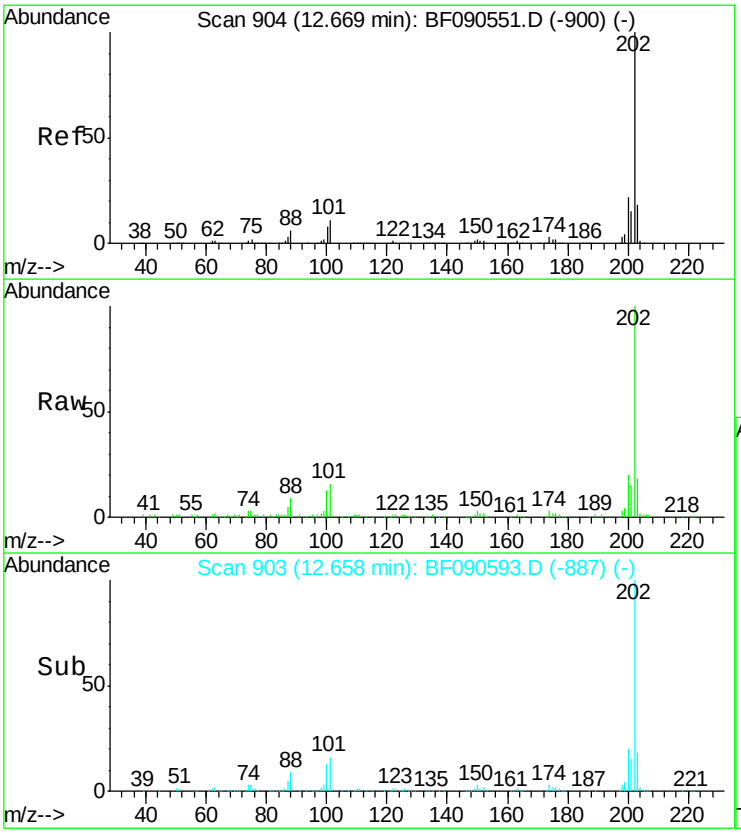
#70
Phenanthrene
Concen: 2.30 ng
RT: 11.47 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Instrument :
BNA_F
ClientSampleId :
3

Tgt Ion:178 Resp: 77634

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.1	24.1
179	15.1	12.6	19.0

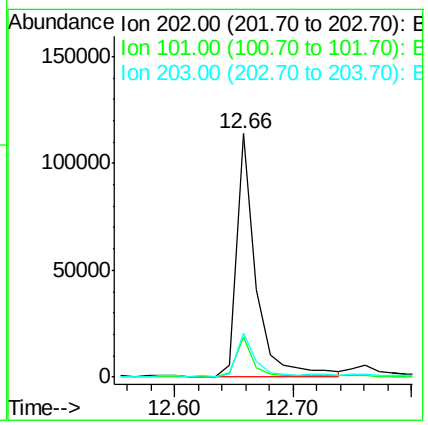


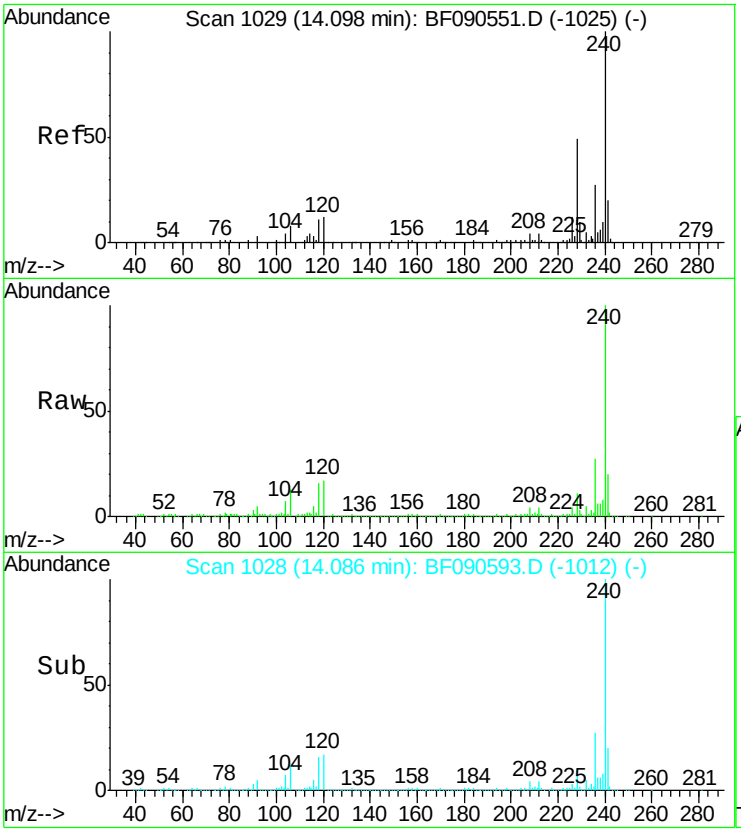


#74
Fluoranthene
Concen: 3.76 ng
RT: 12.66 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Tgt Ion:202 Resp: 127561

Ion	Ratio	Lower	Upper
202	100		
101	16.4	0.0	31.1
203	18.0	0.0	38.0



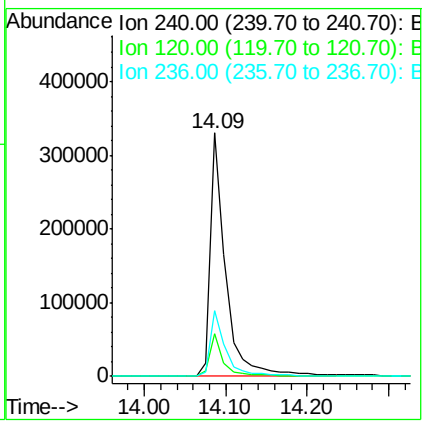


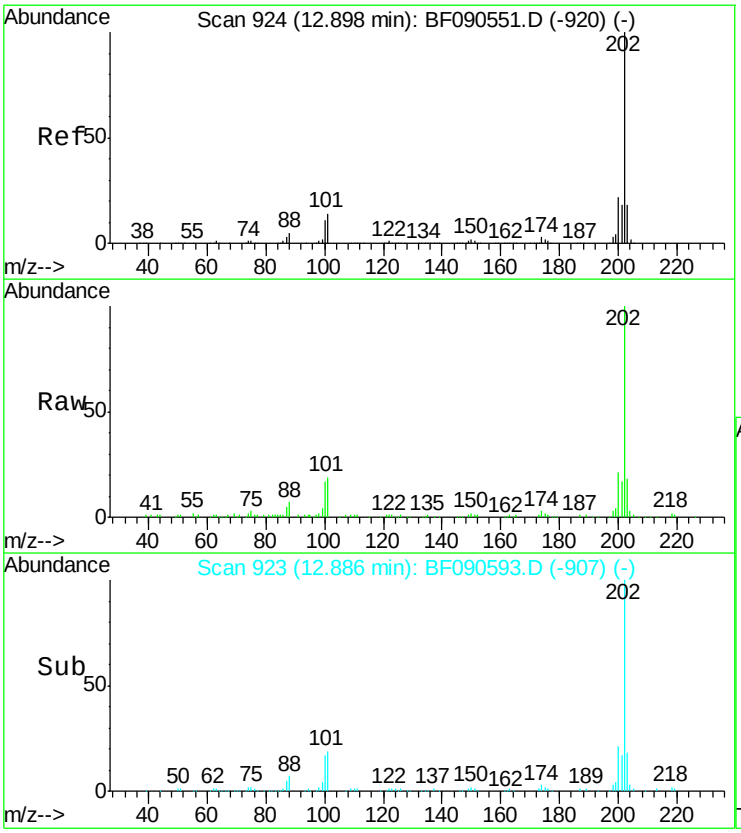
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Instrument :
BNA_F
ClientSampleId :
3

Tgt Ion:240 Resp: 440511

Ion	Ratio	Lower	Upper
240	100		
120	17.3	9.8	14.8#
236	27.1	21.7	32.5

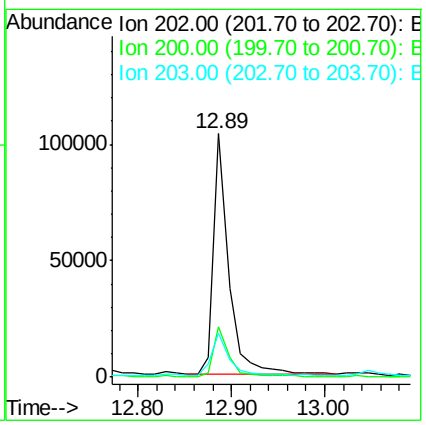


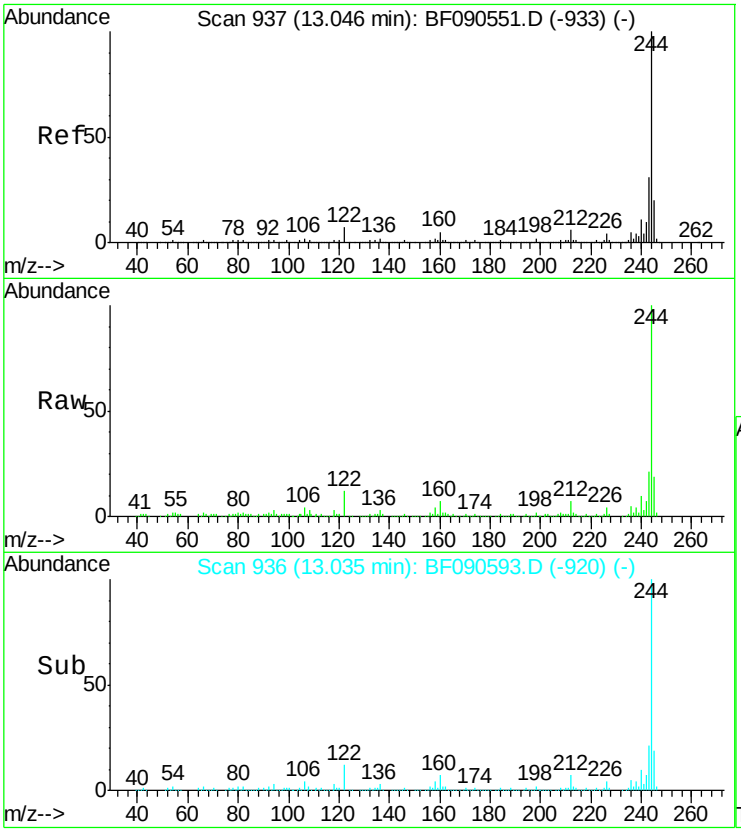


#77
Pyrene
Concen: 4.02 ng
RT: 12.89 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Tgt Ion:202 Resp: 117204

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	18.3	14.6	21.8



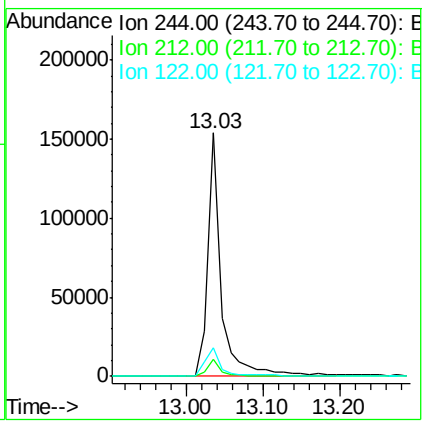


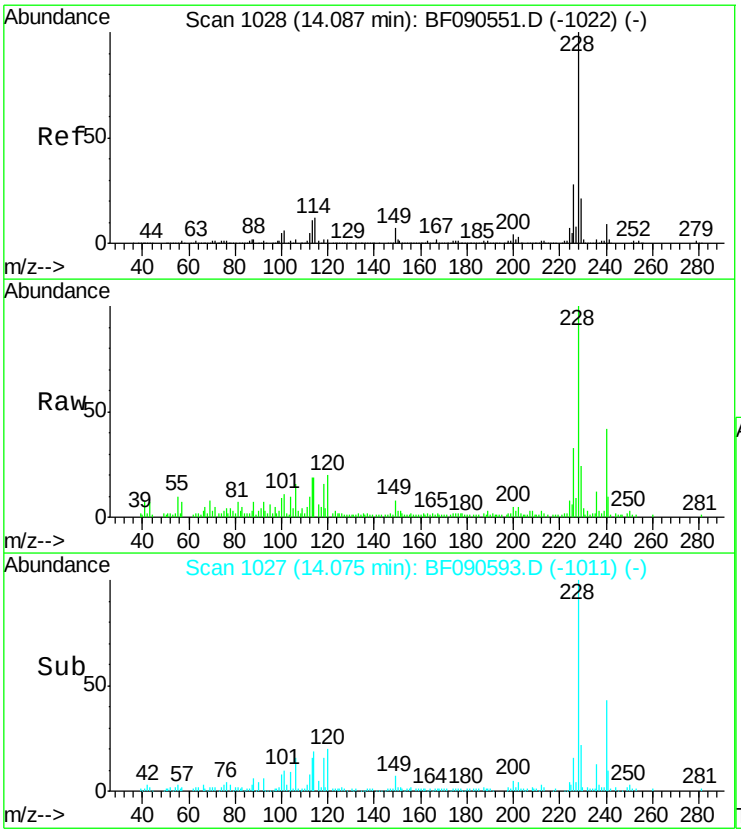
#78
Terphenyl-d14
Concen: 9.88 ng
RT: 13.03 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Instrument :
BNA_F
ClientSampleId :
3

Tgt Ion:244 Resp: 187009

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.0	7.4
122	11.7	5.6	8.4#

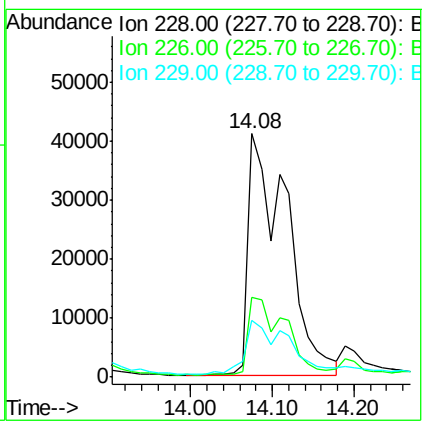


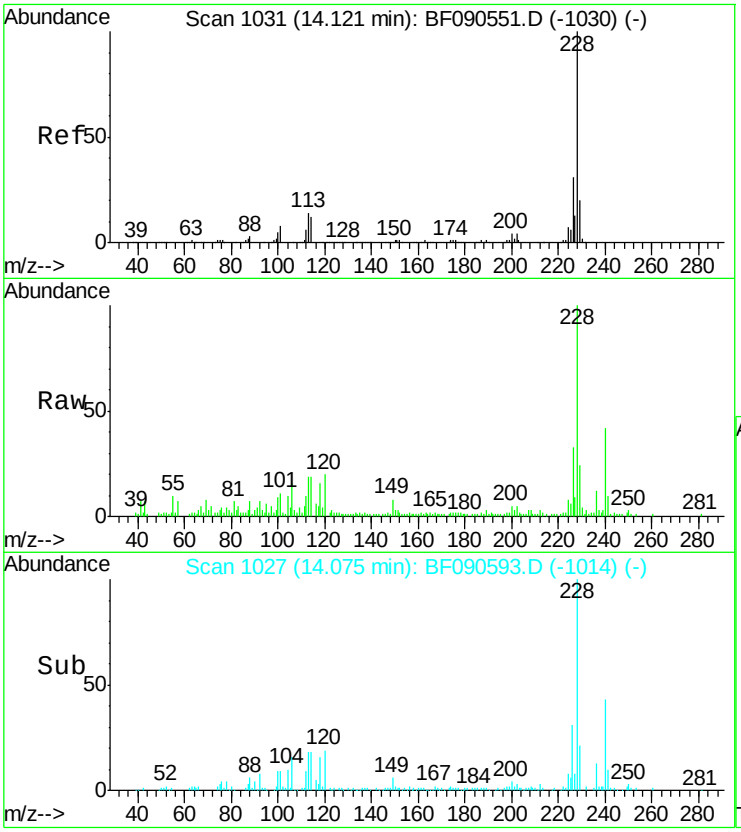


#80
Benzo(a)anthracene
Concen: 5.30 ng
RT: 14.08 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Tgt Ion:228 Resp: 132826

Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.8	34.2
229	23.6	16.6	25.0



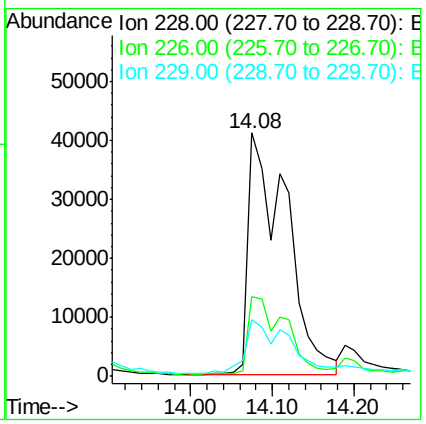


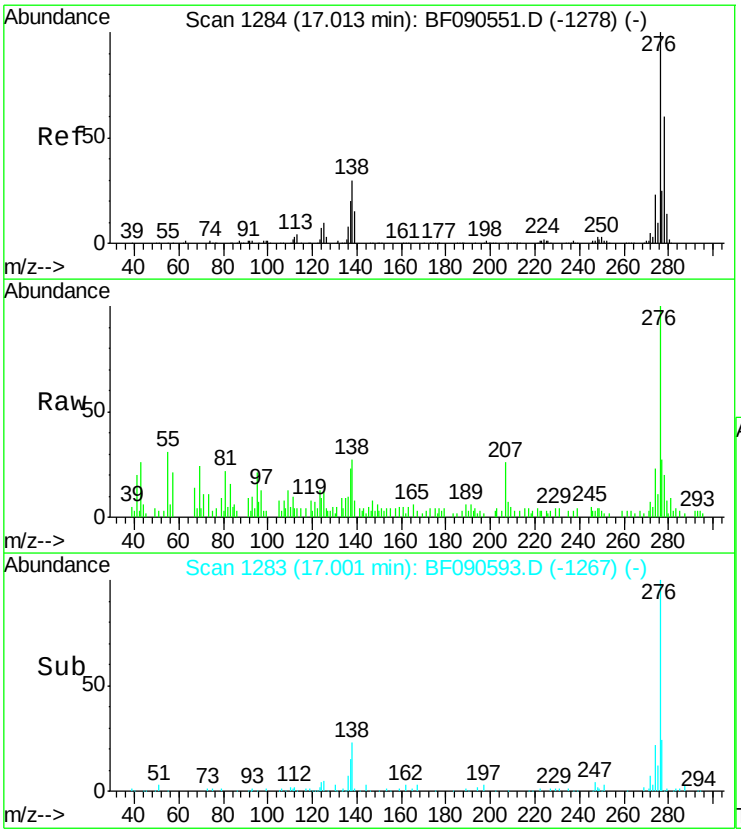
#82
Chrysene
Concen: 5.50 ng
RT: 14.08 min Scan# 1027
Delta R.T. -0.05 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Instrument :
BNA_F
ClientSampleId :
3

Tgt Ion:228 Resp: 132826

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.8	37.2
229	23.6	16.2	24.4

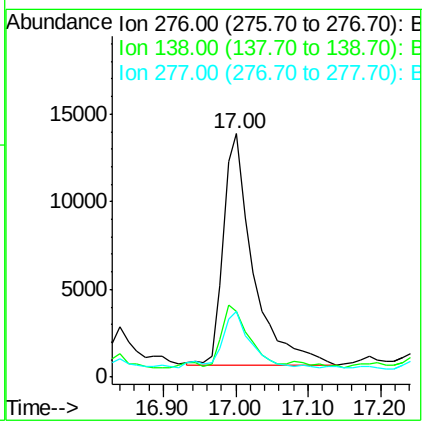


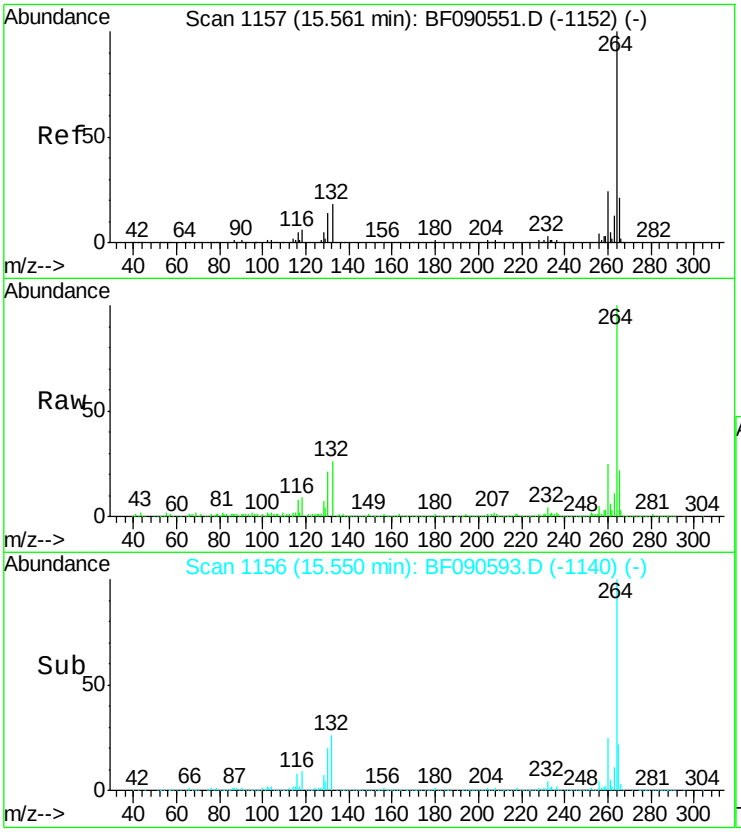


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.70 ng
RT: 17.00 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Tgt Ion:276 Resp: 37670

Ion	Ratio	Lower	Upper
276	100		
138	23.9	25.8	38.6#
277	23.9	20.1	30.1



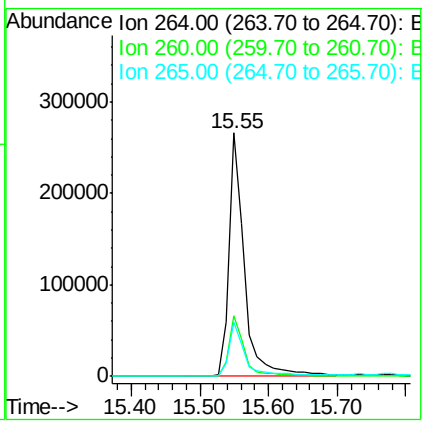


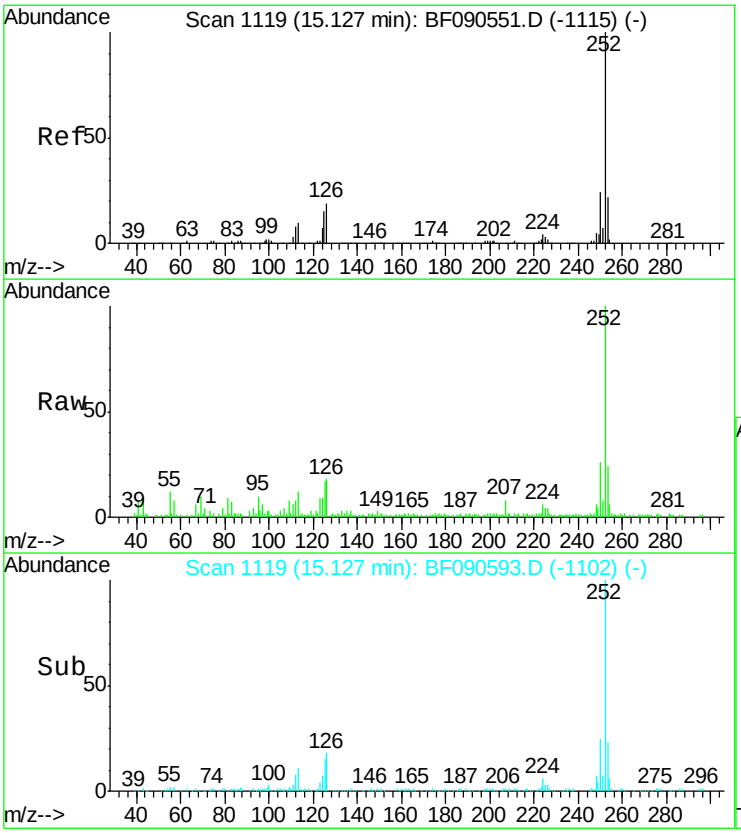
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Instrument :
BNA_F
ClientSampleId :
3

Tgt Ion:264 Resp: 422994

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	22.4	16.7	25.1

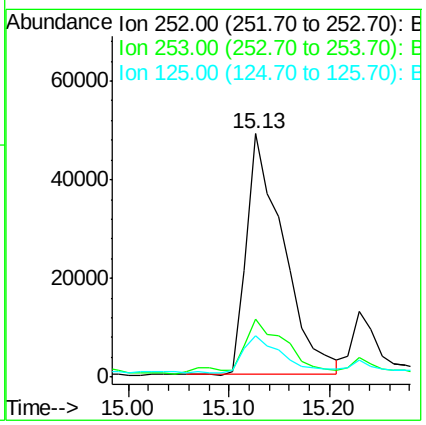


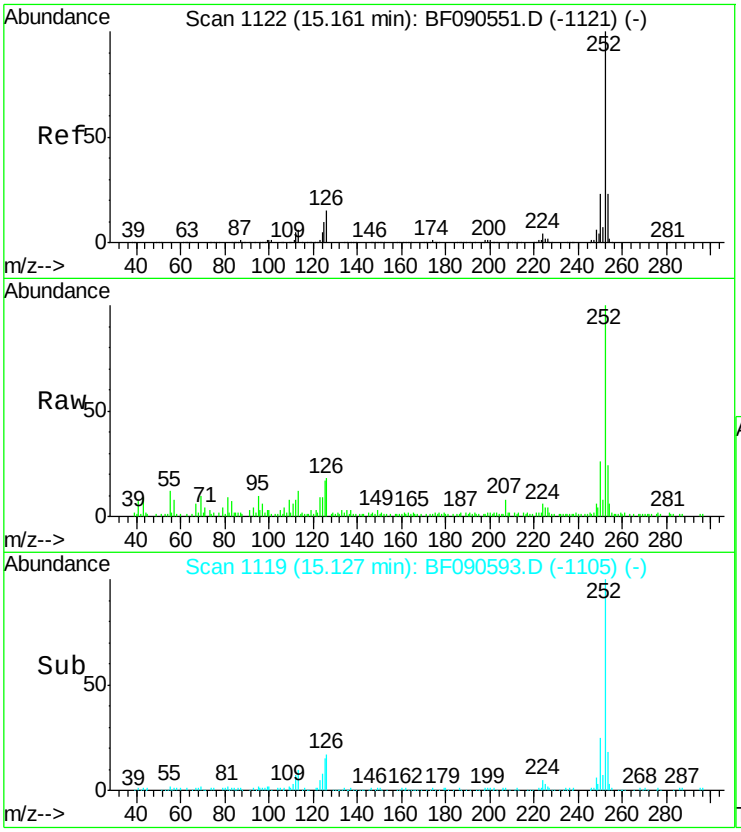


#87
Benzo(b)fluoranthene
Concen: 4.52 ng
RT: 15.13 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Tgt Ion:252 Resp: 125036

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	16.9	12.0	18.0



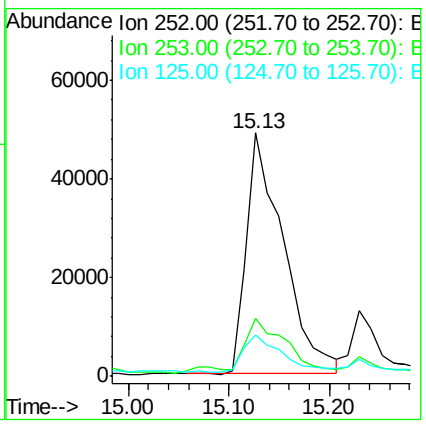


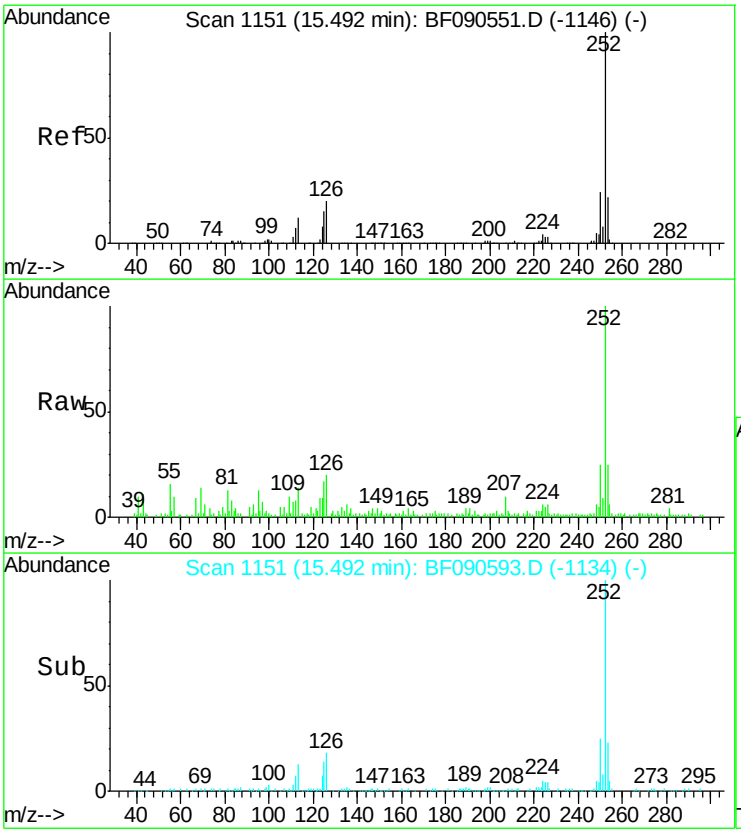
#88
Benzo(k)fluoranthene
Concen: 4.20 ng
RT: 15.13 min Scan# 1119
Delta R.T. -0.03 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Instrument :
BNA_F
ClientSampleId :
3

Tgt Ion:252 Resp: 125036

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	16.9	10.0	15.0#





#89
Benzo(a)pyrene
Concen: 2.62 ng
RT: 15.49 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF090593.D
Acq: 15 Oct 2016 8:02

Tgt Ion:252 Resp: 66278

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	17.2	12.3	18.5