Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092183.D
Acq On : 10 Jan 2017 15:48
Operator : UM/SJ
Sample : I1057-03RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP5RE

Quant Time: Jan 11 12:04:27 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	6.63	152	176329	20.00	ng		-0.01
21) Naphthalene-d8	7.92	136	668576	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	295444	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	430398	20.00	ng		0.00
75) Chrysene-d12	13.80	240	258760	20.00	ng		0.01
86) Perylene-d12	15.18	264	179898	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	723728	68.53	ng		0.00
7) Phenol-d6	6.31	99	1271249	98.60	ng		0.00
23) Nitrobenzene-d5	7.20	82	893619	74.32	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	127729	52.24	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	1311690	92.03	ng		0.00
78) Terphenyl-d14	12.74	244	779883	73.10	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.32	94	100907	6.87	ng	#	71
31) Naphthalene	7.94	128	122728	4.01	ng		98
49) Dimethylphthalate	9.40	163	104028	5.51	ng		98
51) Acenaphthene	9.70	154	131367	7.86	ng		100
54) Dibenzofuran	9.88	168	128112	5.68	ng		99
57) Fluorene	10.22	166	123434	7.52	ng		99
70) Phenanthrene	11.18	178	569018	24.38	ng		99
71) Anthracene	11.24	178	131644	4.41	ng		97
72) Carbazole	11.40	167	63070	2.40	ng		97
74) Fluoranthene	12.37	202	473083	21.07	ng		96
77) Pyrene	12.60	202	396653	20.89	ng		98
80) Benzo(a)anthracene	13.79	228	144109m	9.87	ng		
82) Chrysene	13.82	228	149585m	10.21	ng		
85) Indeno(1,2,3-cd)pyrene	16.48	276	42792	3.37	ng	#	93
87) Benzo(b)fluoranthene	14.80	252	125603m	11.21	ng		
88) Benzo(k)fluoranthene	14.81	252	42298m	4.43	ng		
89) Benzo(a)pyrene	15.12	252	82698	8.32	ng	#	67
91) Benzo(g,h,i)perylene	16.87	276	43325	5.10	ng	#	66

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
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Acq On : 10 Jan 2017 15:48
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

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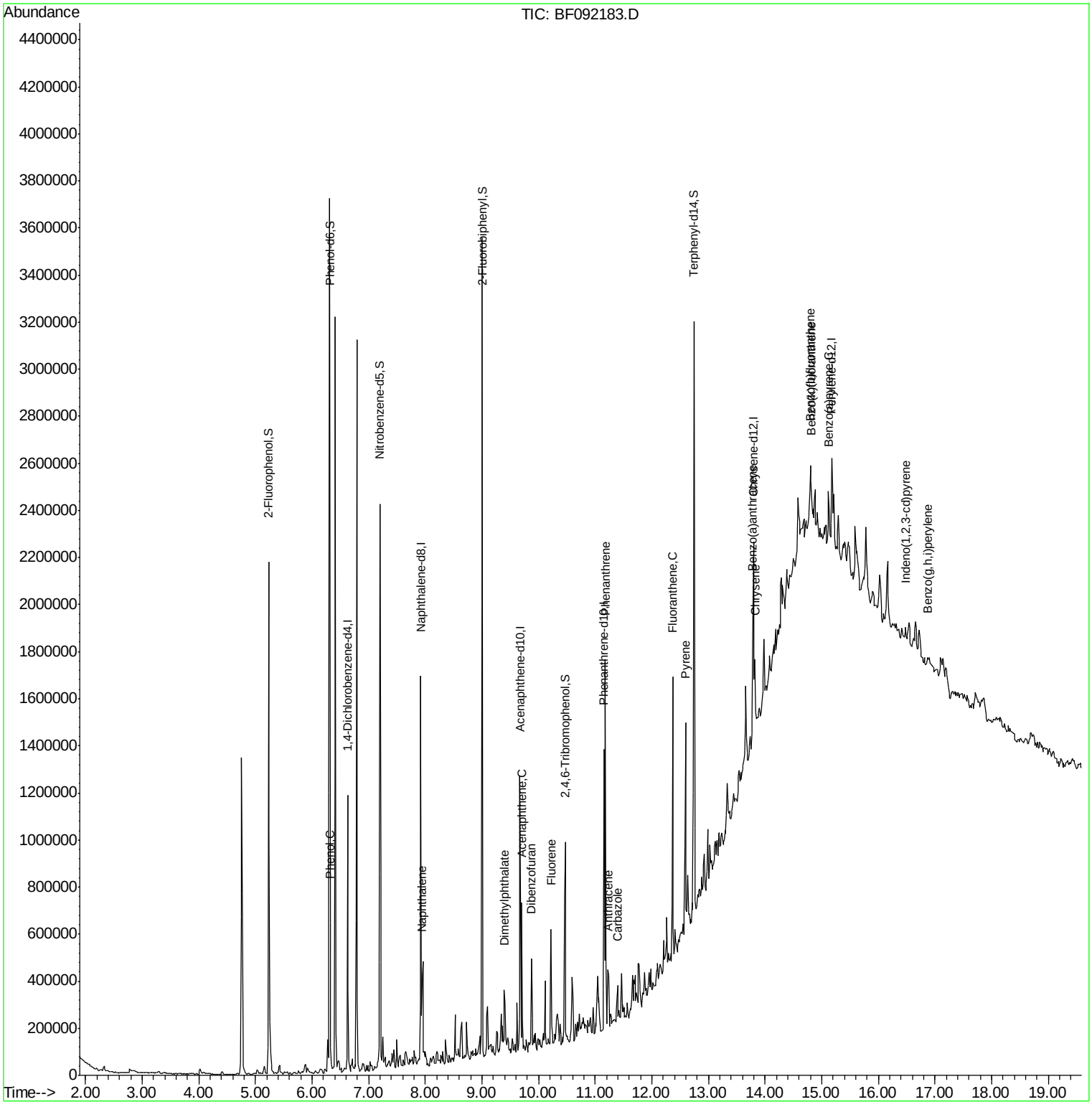
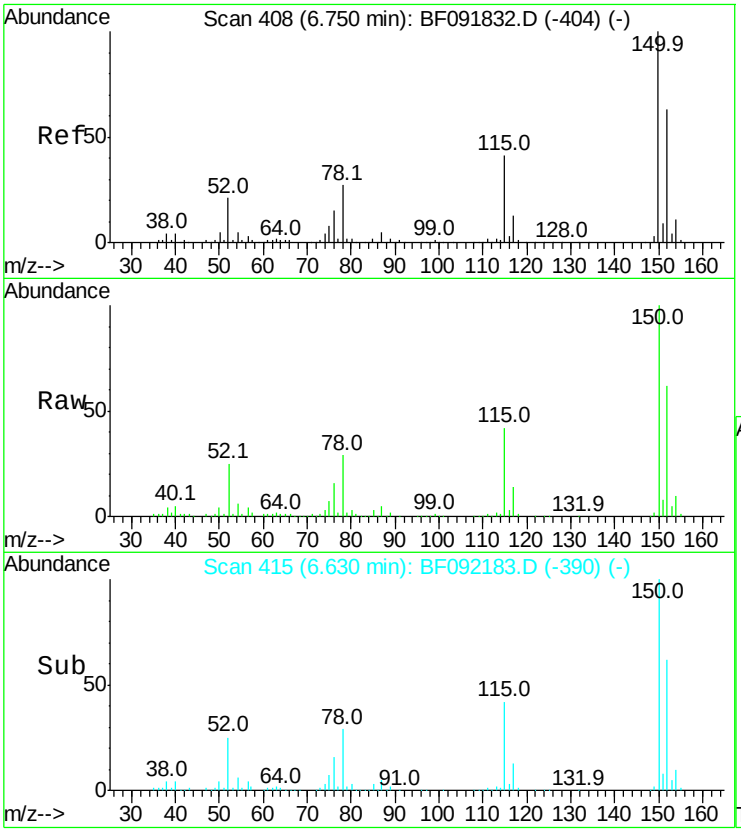


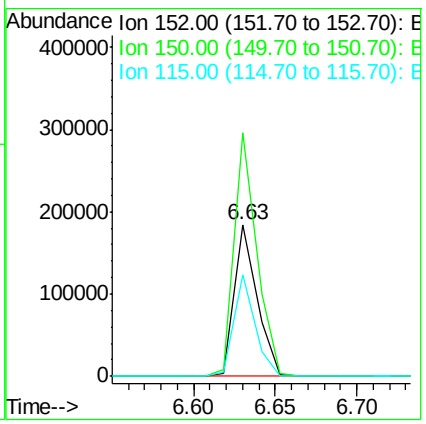


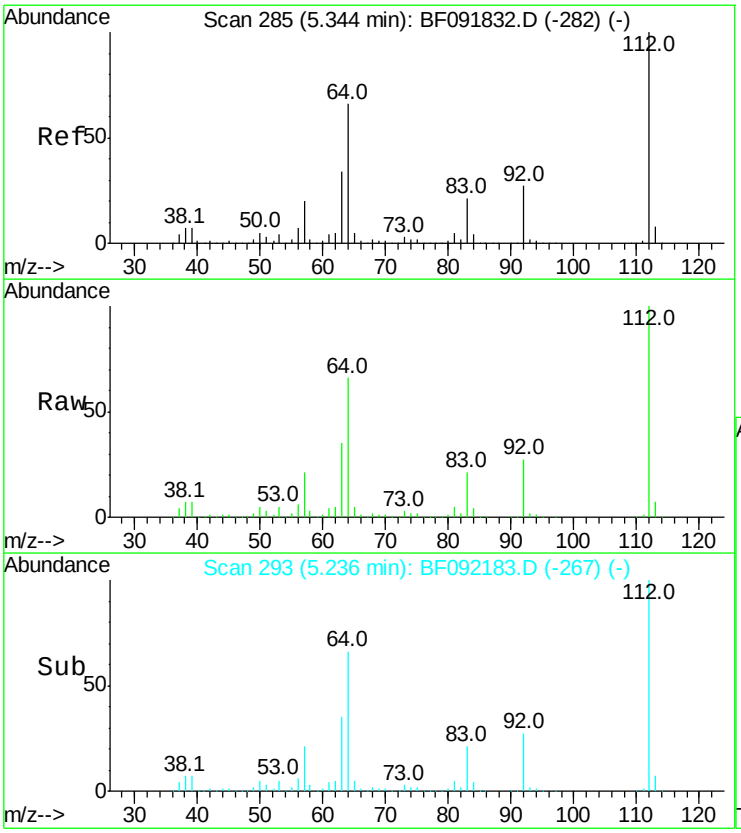
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

Tgt Ion:152 Resp: 176329

Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.9	187.3
115	66.8	46.0	69.0

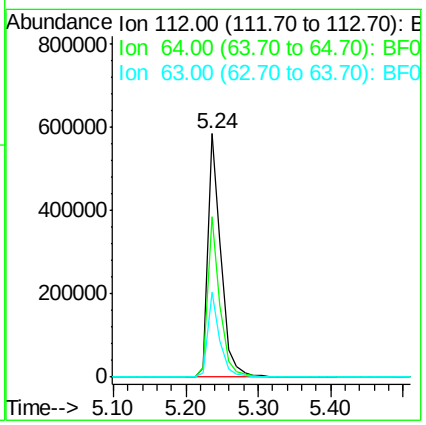


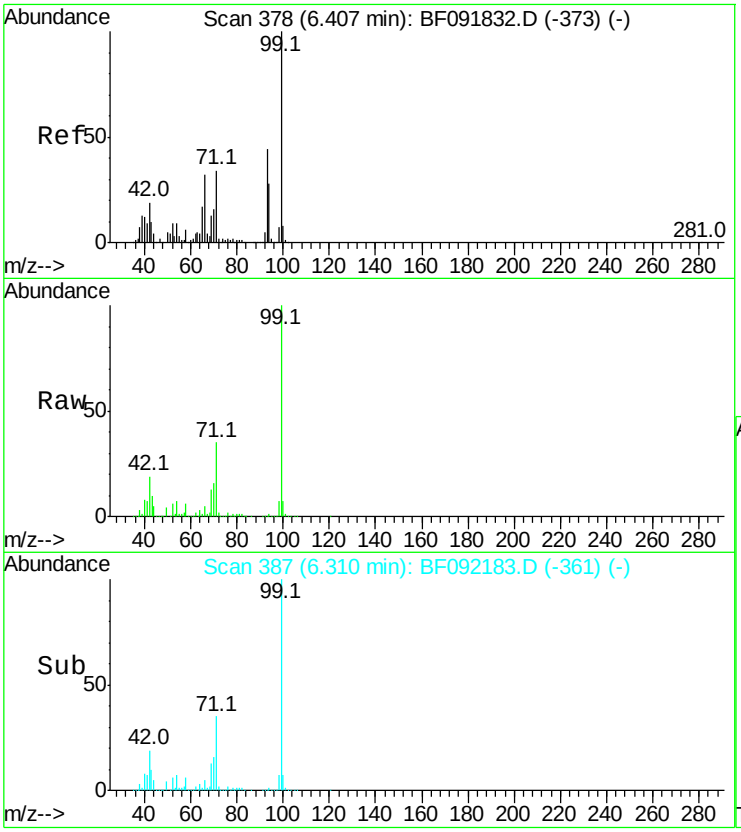


#5
2-Fluorophenol
Concen: 68.53 ng
RT: 5.24 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Tgt Ion:112 Resp: 723728

Ion	Ratio	Lower	Upper
112	100		
64	66.1	46.1	69.1
63	35.1	23.8	35.6



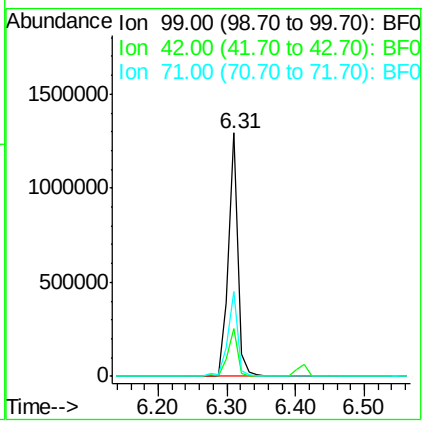


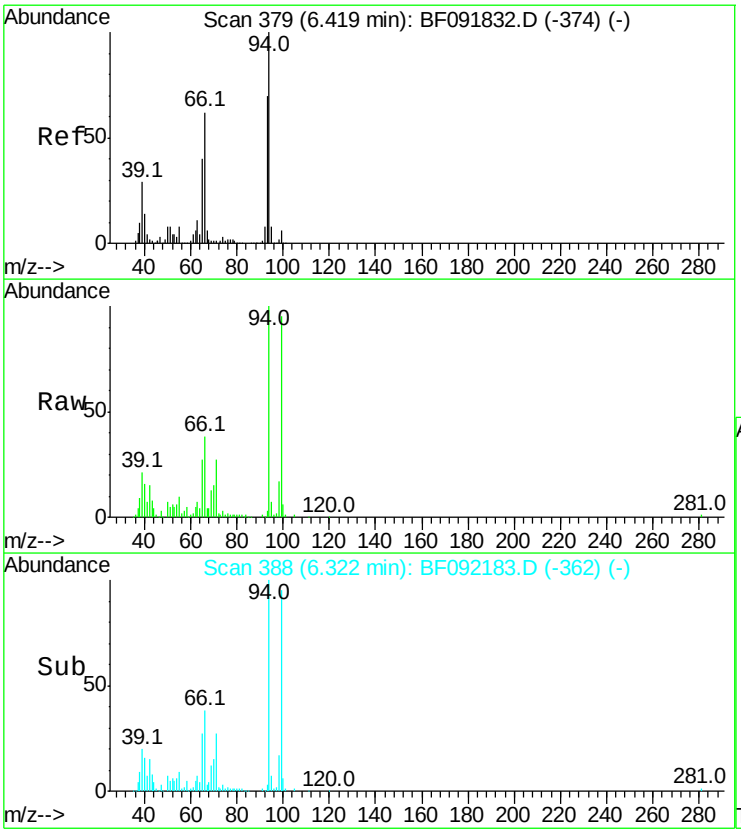
#7
Phenol-d6
Concen: 98.60 ng
RT: 6.31 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

Tgt Ion: 99 Resp: 1271249

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.6	23.4
71	35.1	27.5	41.3

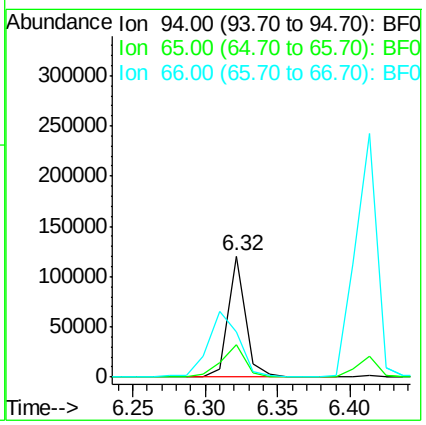


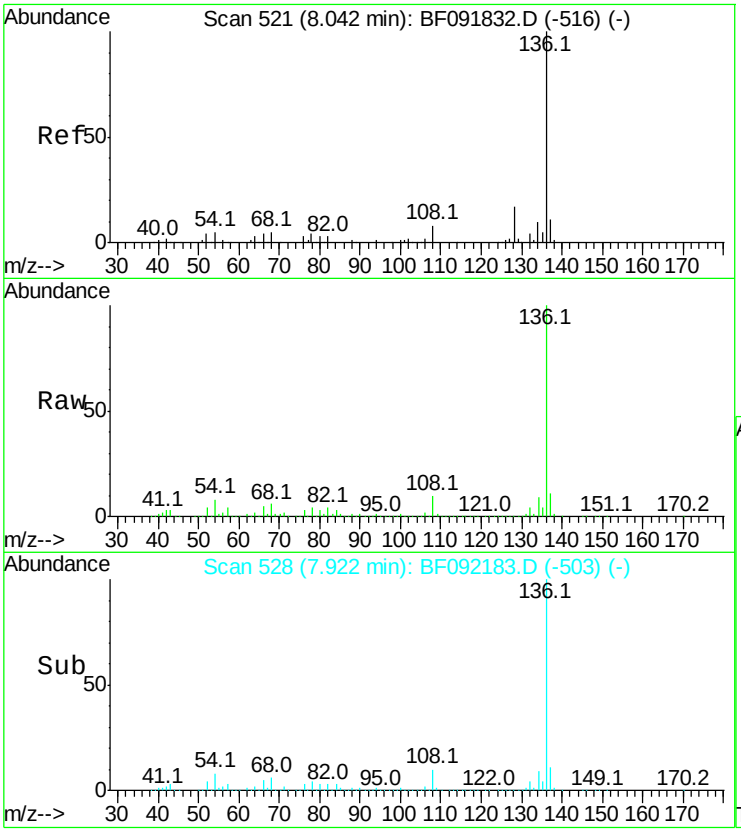


#10
Phenol
Concen: 6.87 ng
RT: 6.32 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Tgt Ion: 94 Resp: 100907

Ion	Ratio	Lower	Upper
94	100		
65	27.3	21.4	61.4
66	37.5	44.0	84.0#



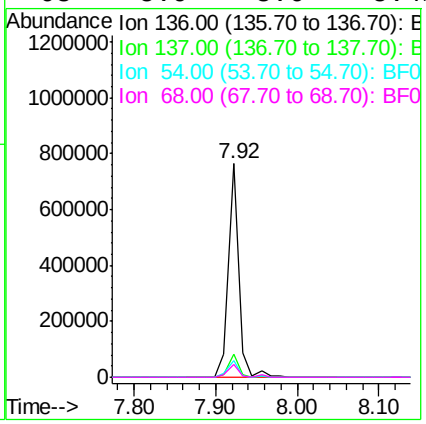


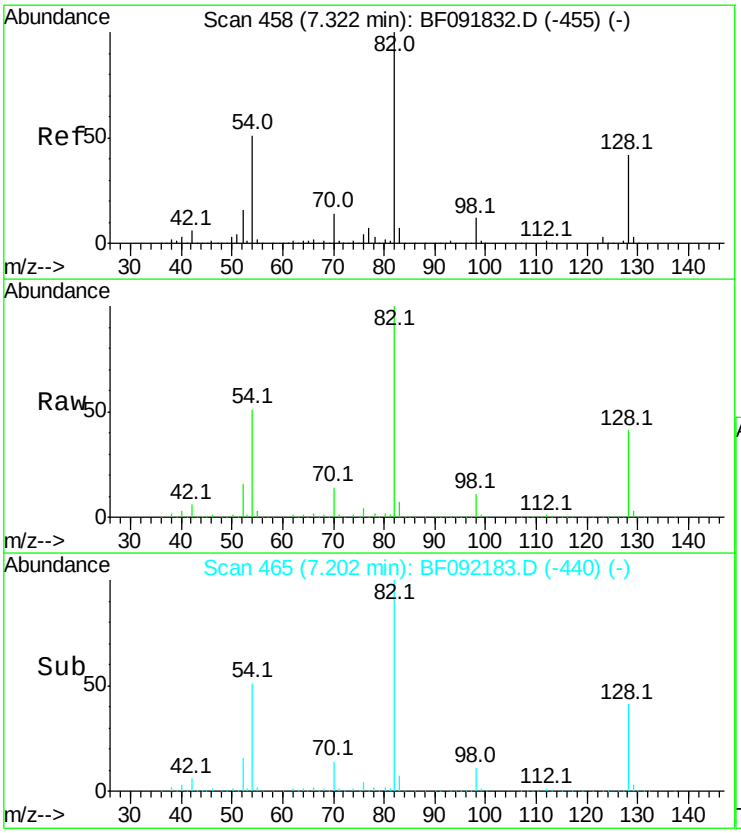
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

Tgt Ion:136 Resp: 668576

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.9	4.5	6.7#
68	5.9	3.6	5.4#

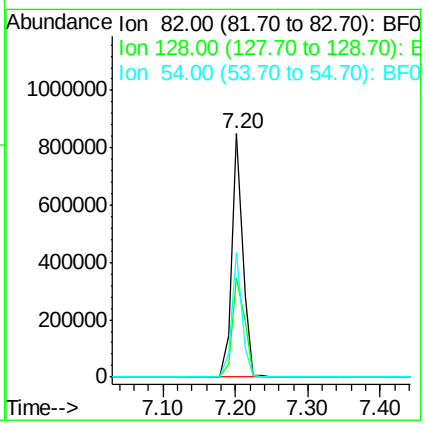


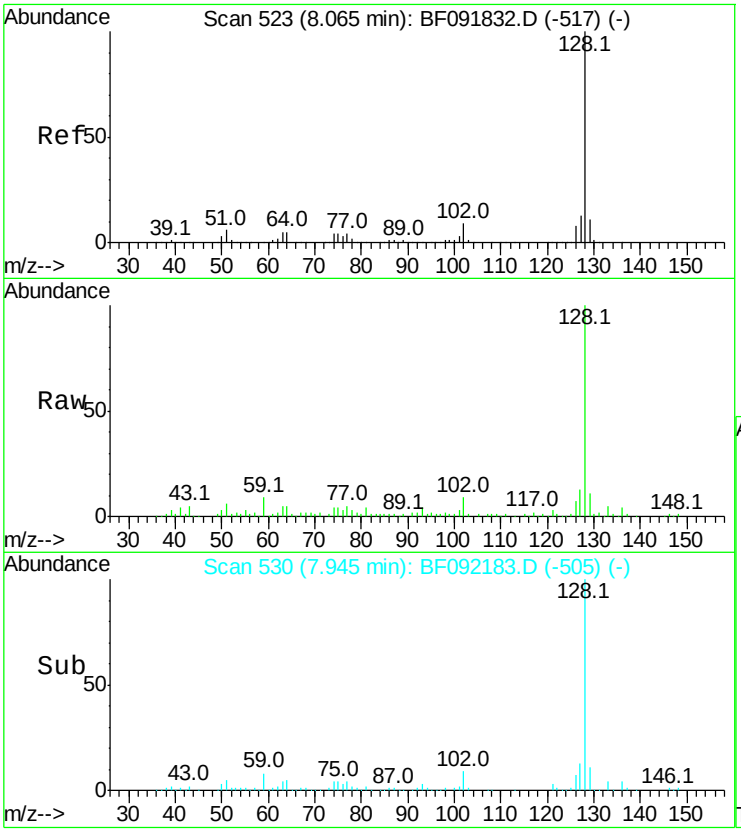


#23
Nitrobenzene-d5
Concen: 74.32 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Tgt Ion: 82 Resp: 893619

Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	52.0
54	51.2	39.5	59.3



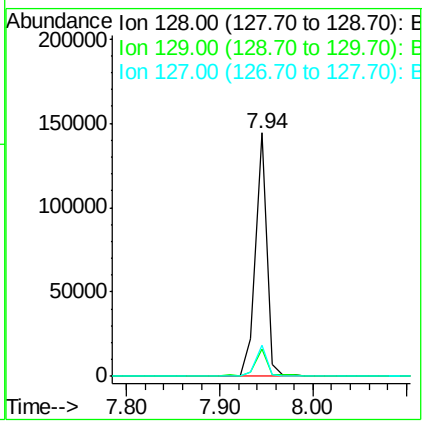


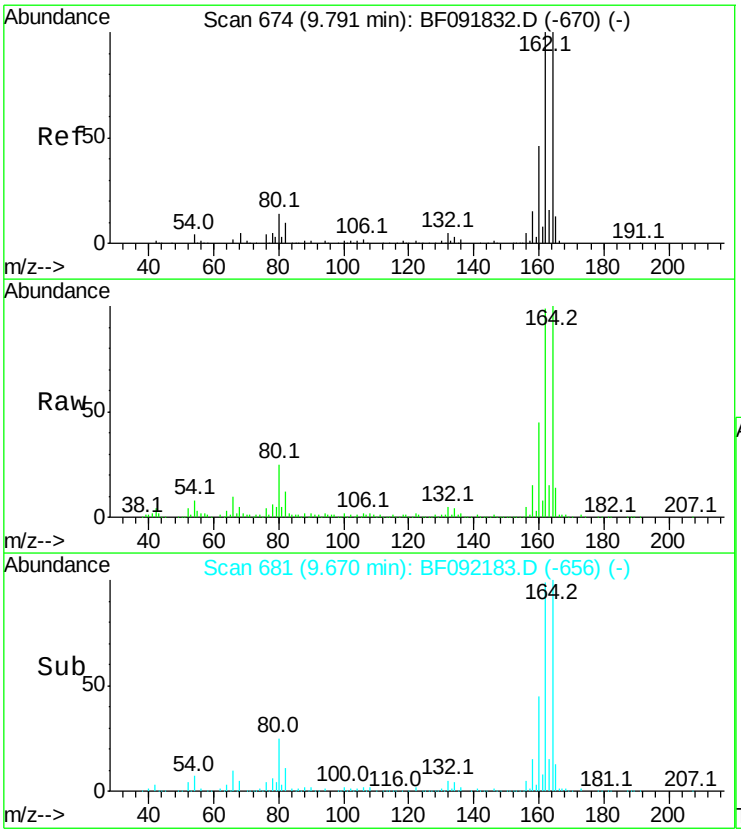
#31
Naphthalene
Concen: 4.01 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

Tgt Ion:128 Resp: 122728

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	12.8	10.8	16.2

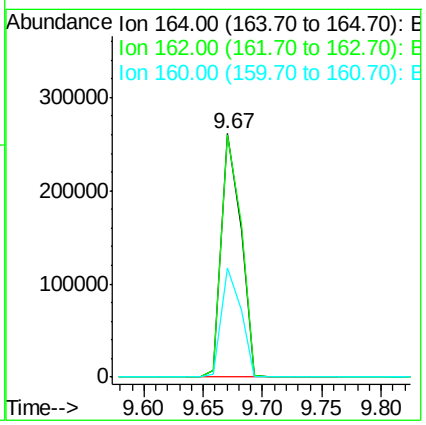


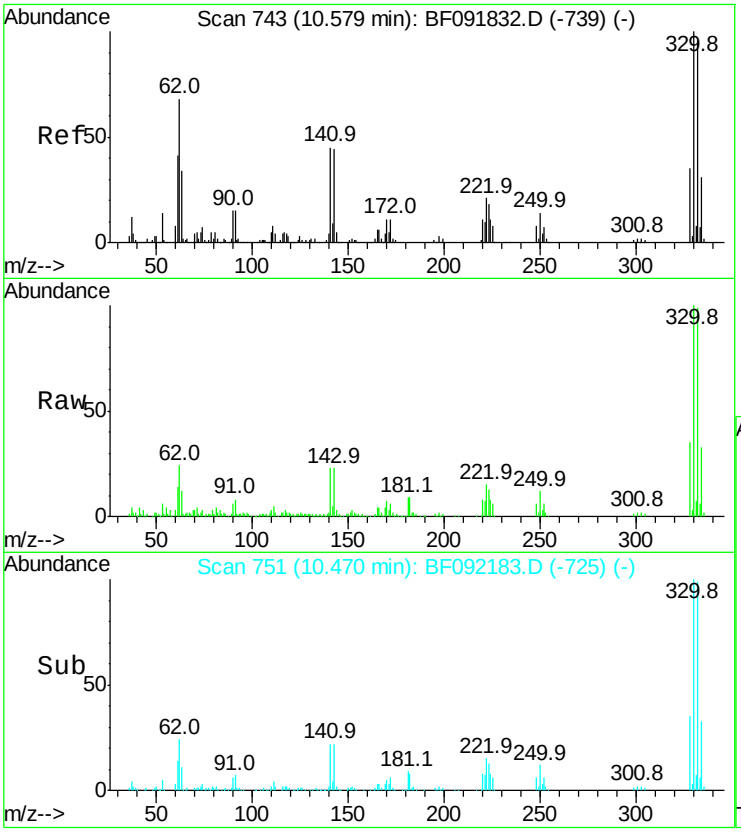


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Tgt Ion:164 Resp: 295444

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.2	120.2
160	44.8	36.9	55.3



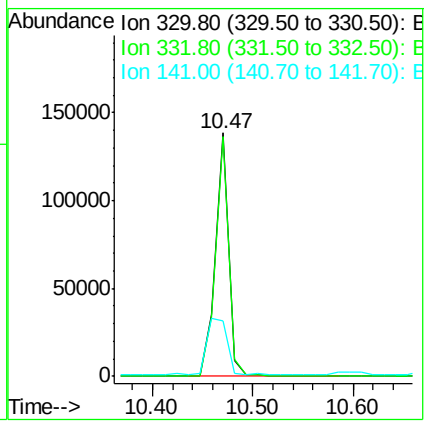


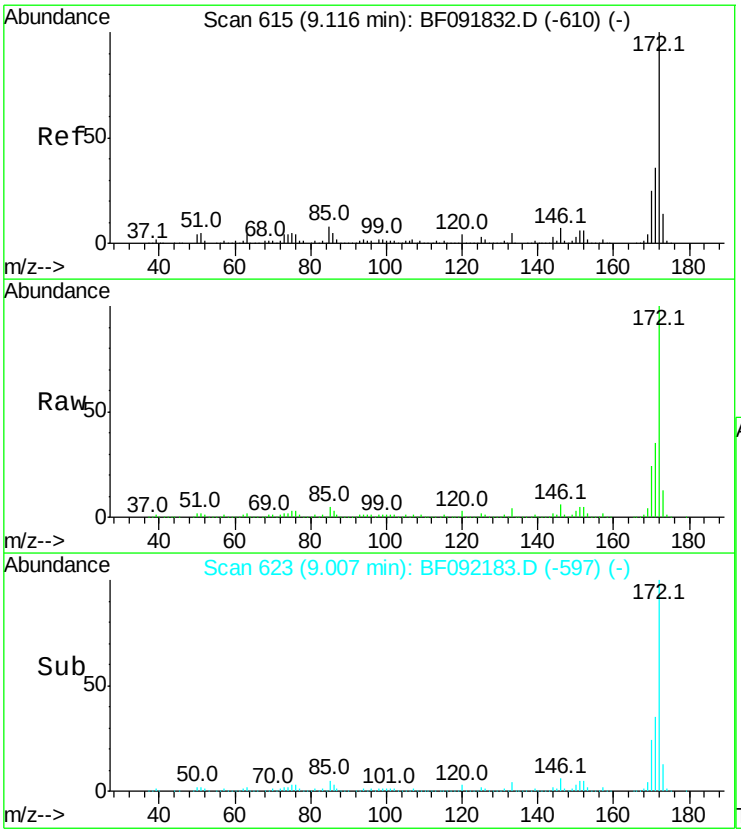
#41
2,4,6-Tribromophenol
Concen: 52.24 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

Tgt Ion:330 Resp: 127729

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.4	116.2
141	36.8	34.1	51.1

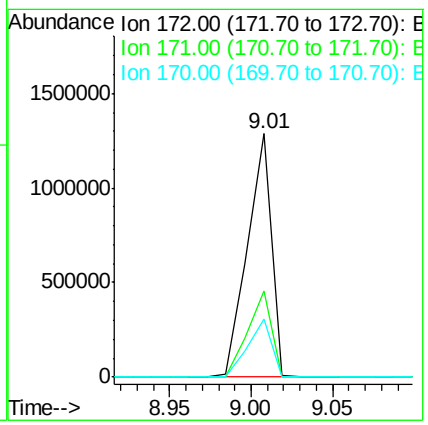


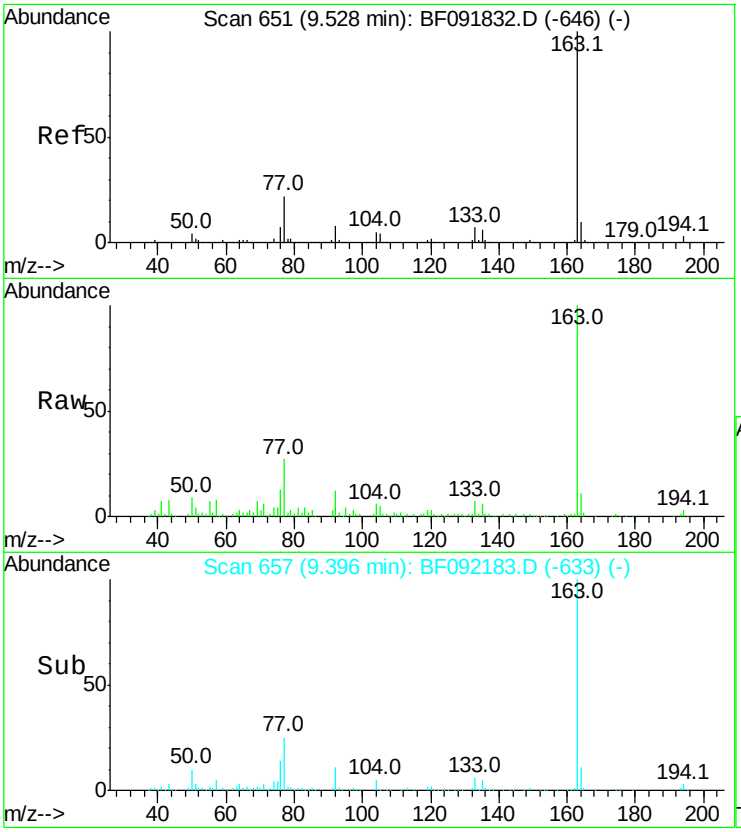


#44
2-Fluorobiphenyl
Concen: 92.03 ng
RT: 9.01 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Tgt Ion:172 Resp: 1311690

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	23.8	20.2	30.4



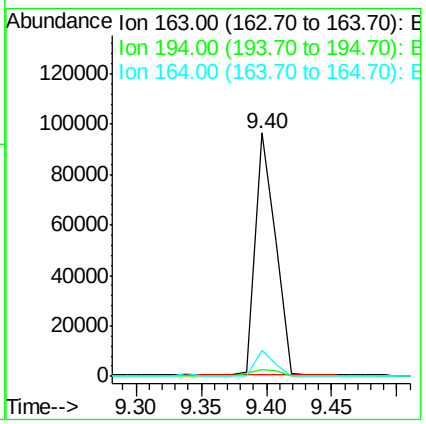


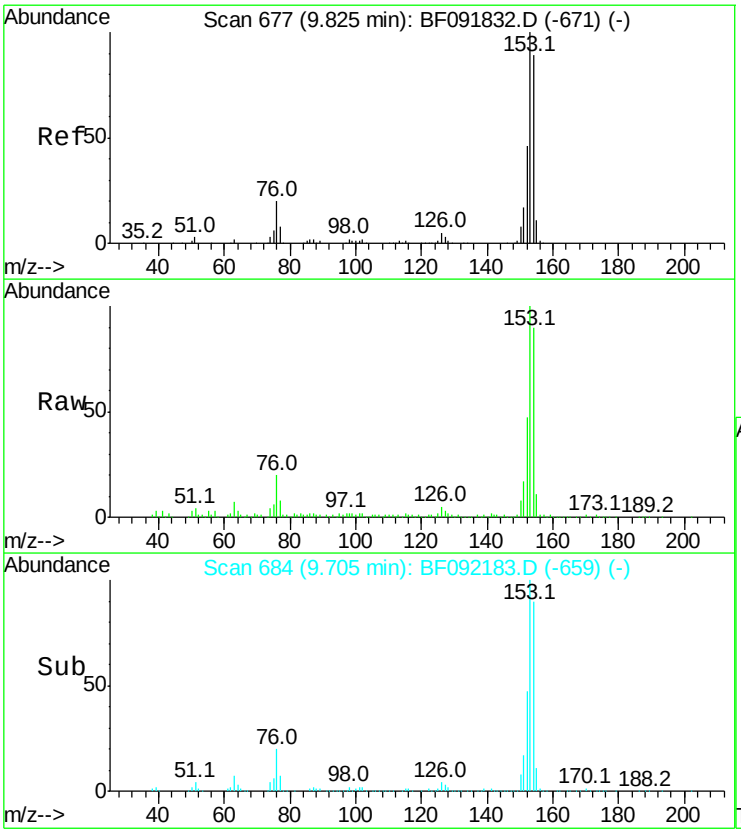
#49
Dimethylphthalate
Concen: 5.51 ng
RT: 9.40 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

Tgt Ion:163 Resp: 104028

Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.4
164	10.8	8.0	12.0

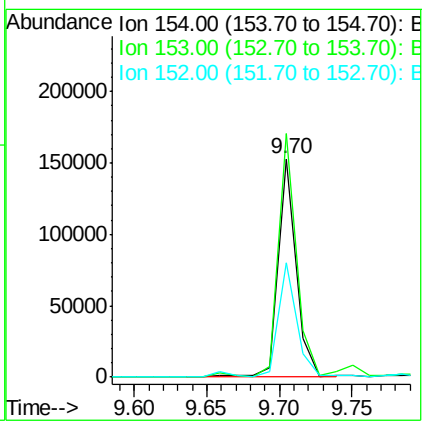


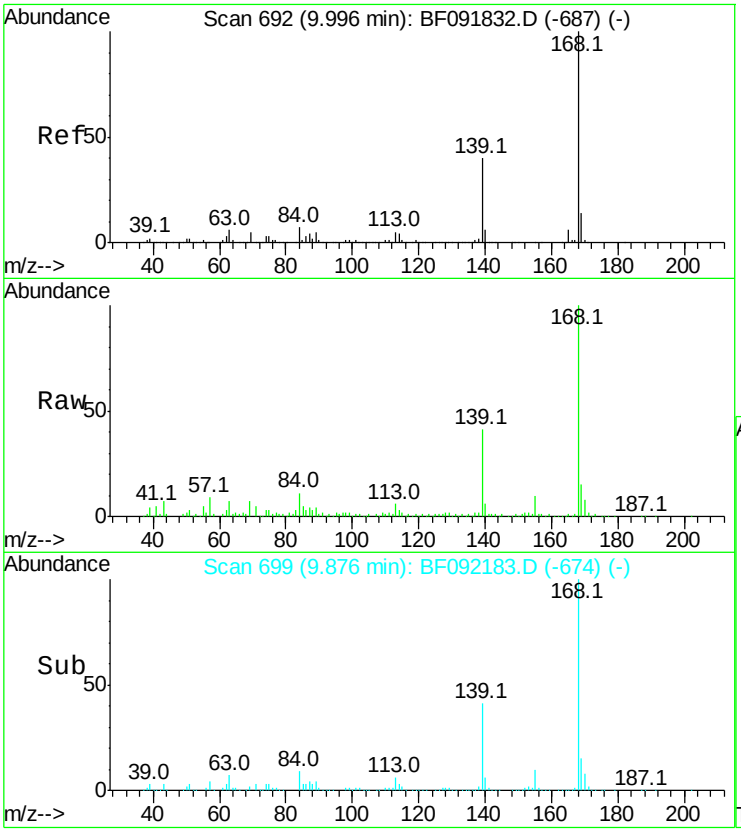


#51
Acenaphthene
Concen: 7.86 ng
RT: 9.70 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Tgt Ion:154 Resp: 131367

Ion	Ratio	Lower	Upper
154	100		
153	111.4	88.6	133.0
152	52.1	41.6	62.4



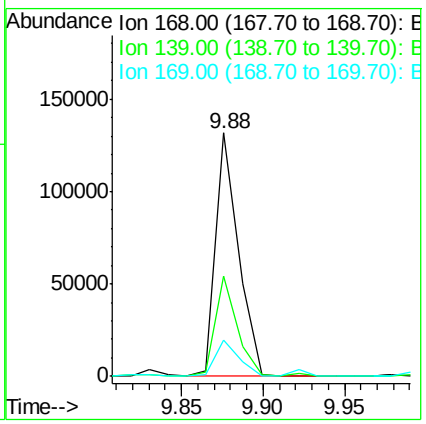


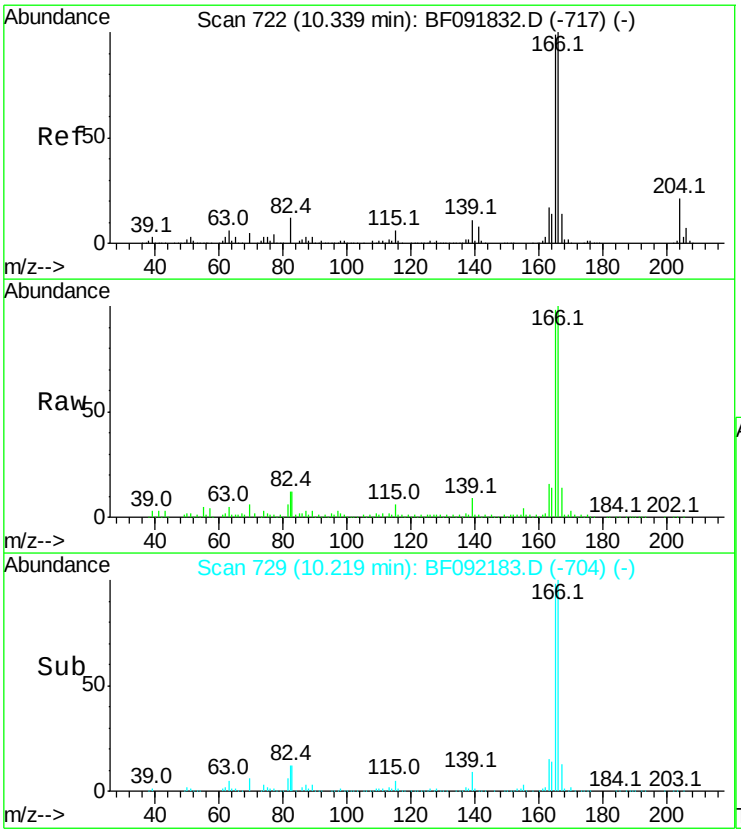
#54
Dibenzofuran
Concen: 5.68 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

Tgt Ion:168 Resp: 128112

Ion	Ratio	Lower	Upper
168	100		
139	41.4	32.6	49.0
169	15.1	11.3	16.9

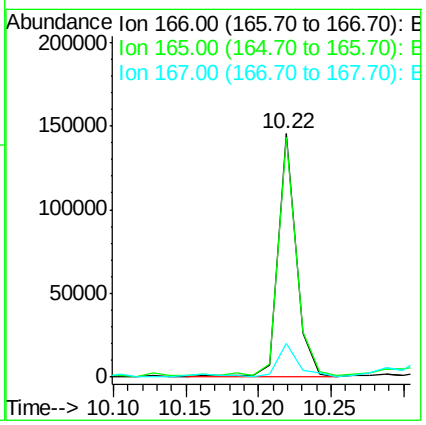


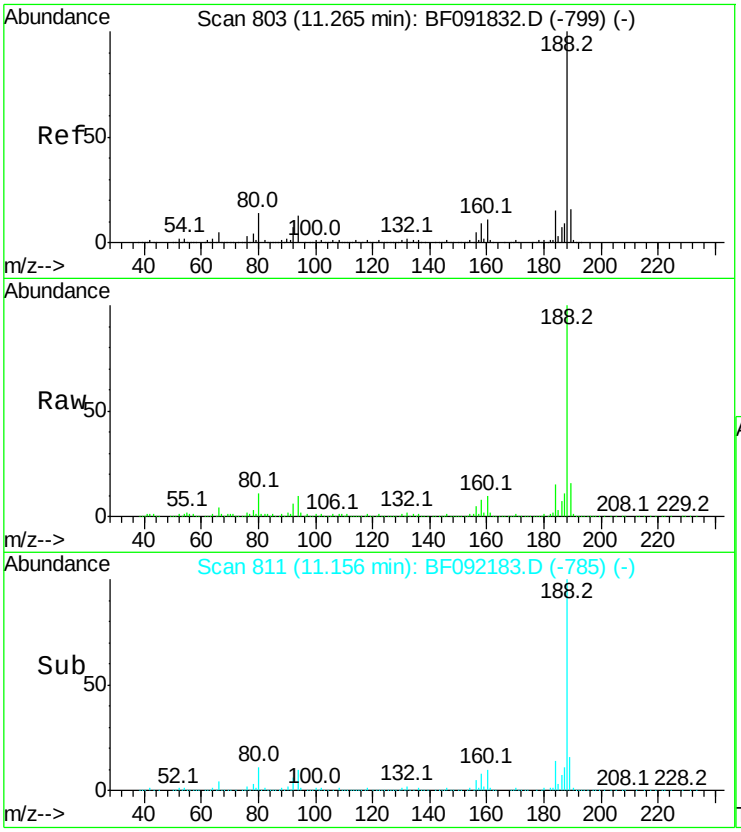


#57
Fluorene
Concen: 7.52 ng
RT: 10.22 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Tgt Ion:166 Resp: 123434

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.8
167	14.0	10.8	16.2



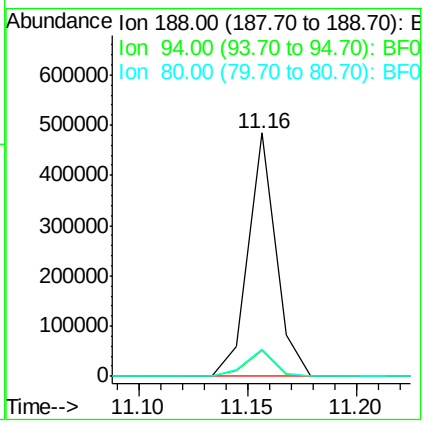


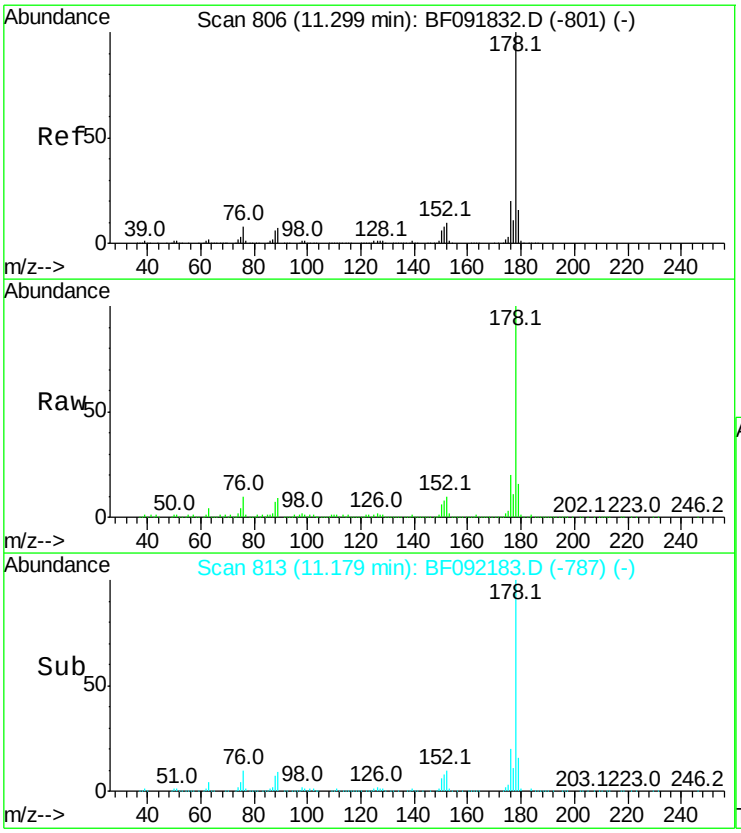
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

Tgt Ion:188 Resp: 430398

Ion	Ratio	Lower	Upper
188	100		
94	10.5	10.0	15.0
80	11.3	11.2	16.8

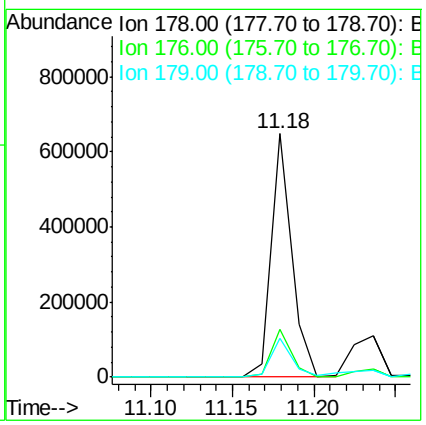


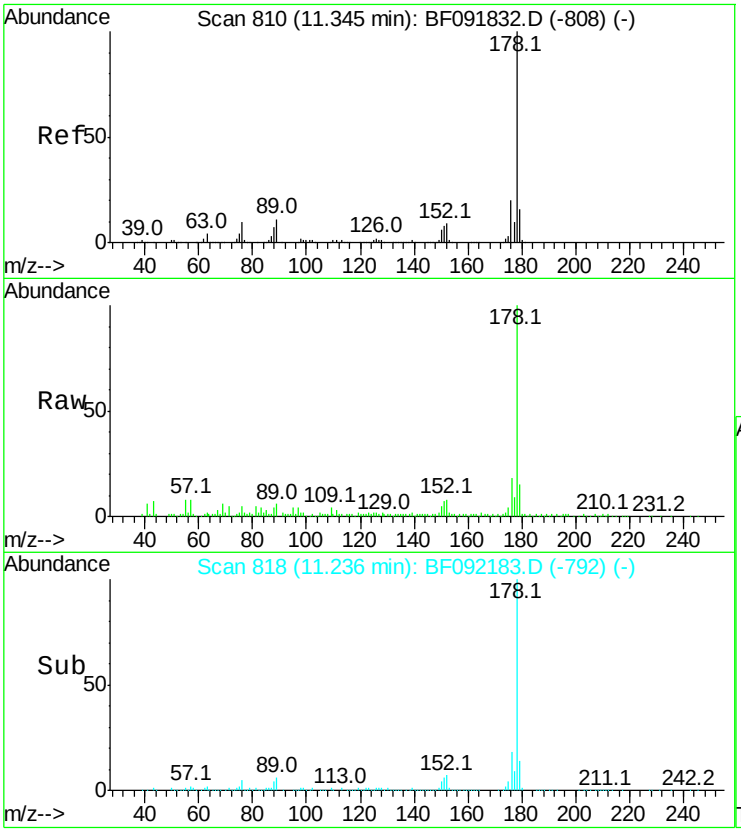


#70
Phenanthrene
Concen: 24.38 ng
RT: 11.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Tgt Ion:178 Resp: 569018

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	16.0	12.8	19.2



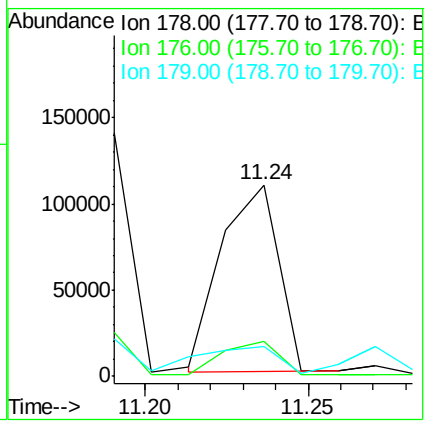


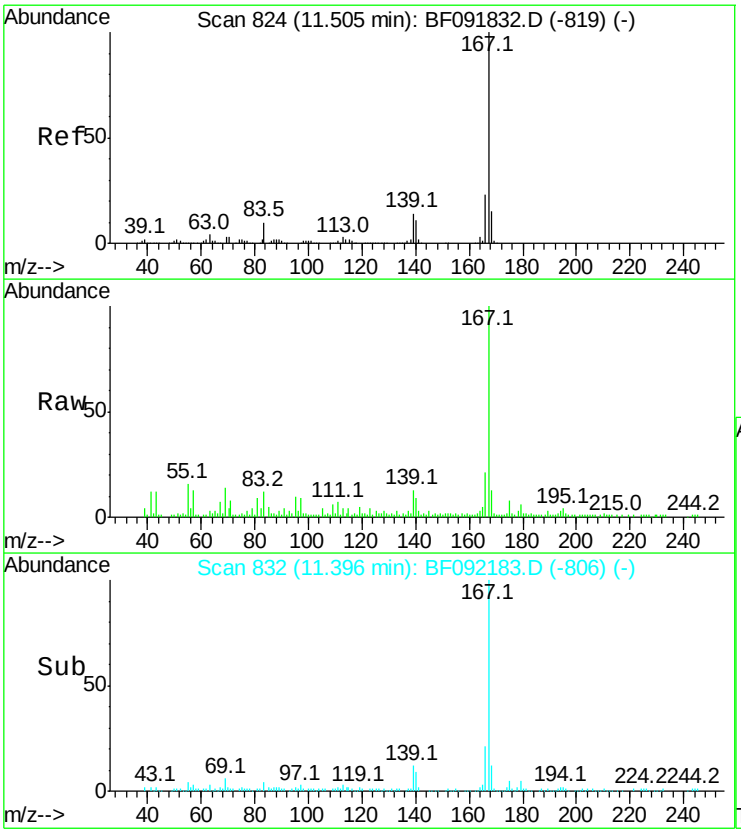
#71
Anthracene
Concen: 4.41 ng
RT: 11.24 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

Tgt Ion:178 Resp: 131644

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.9	23.9
179	15.3	13.2	19.8

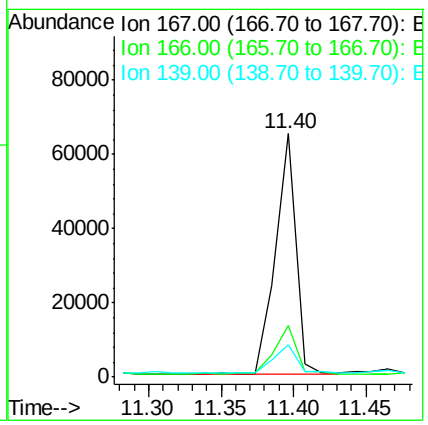


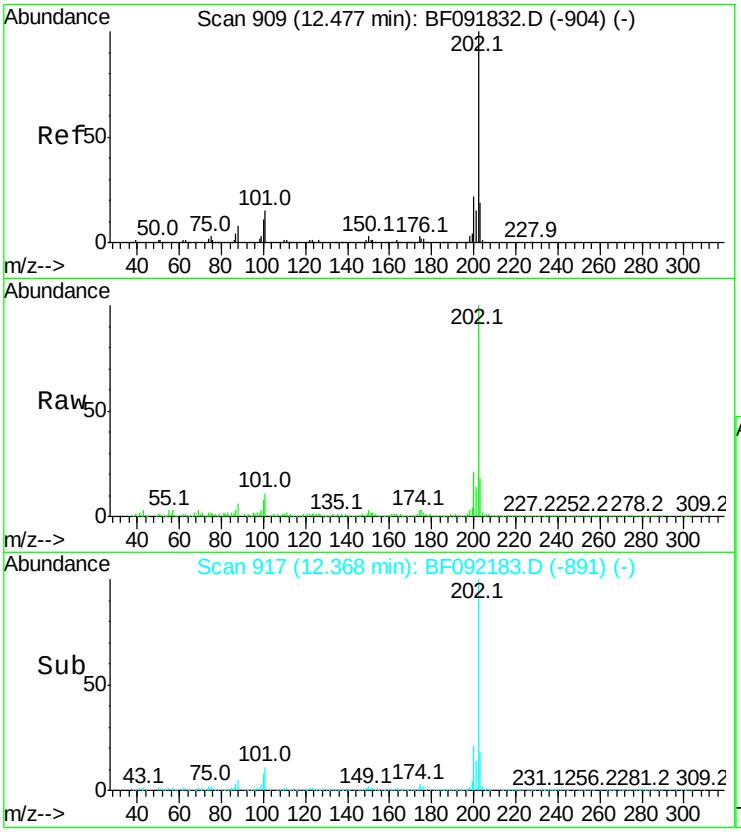


#72
Carbazole
Concen: 2.40 ng
RT: 11.40 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Tgt Ion:167 Resp: 63070

Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.2	27.2
139	13.4	11.4	17.2



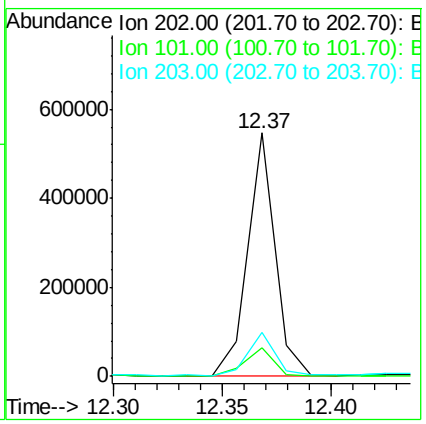


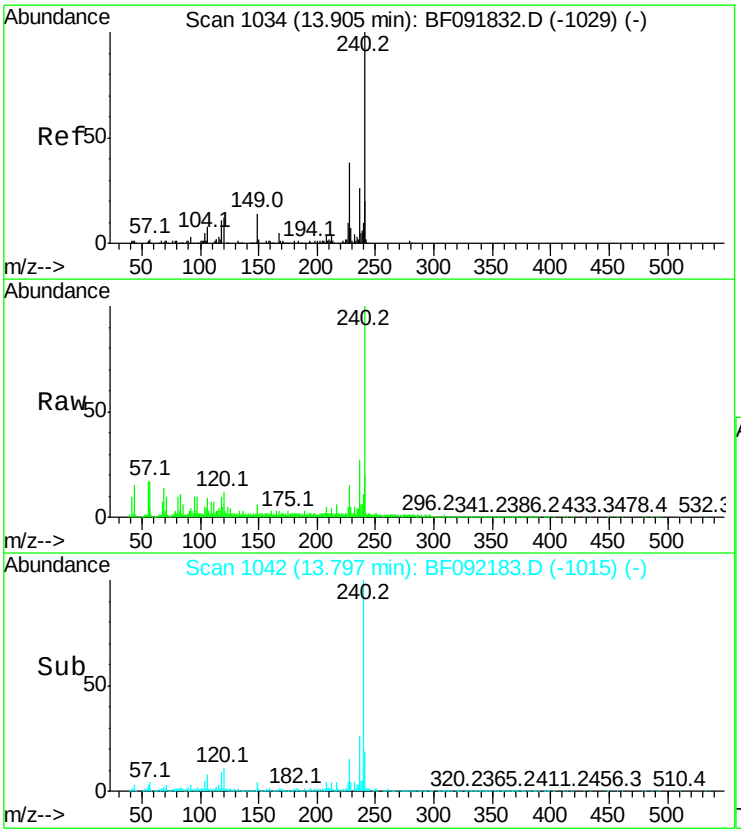
#74
Fluoranthene
Concen: 21.07 ng
RT: 12.37 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

Tgt Ion:202 Resp: 473083

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.6
203	18.0	0.0	38.7

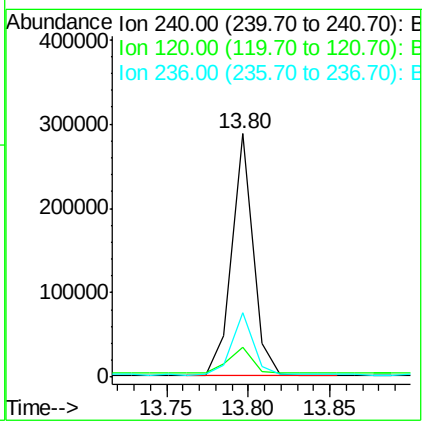


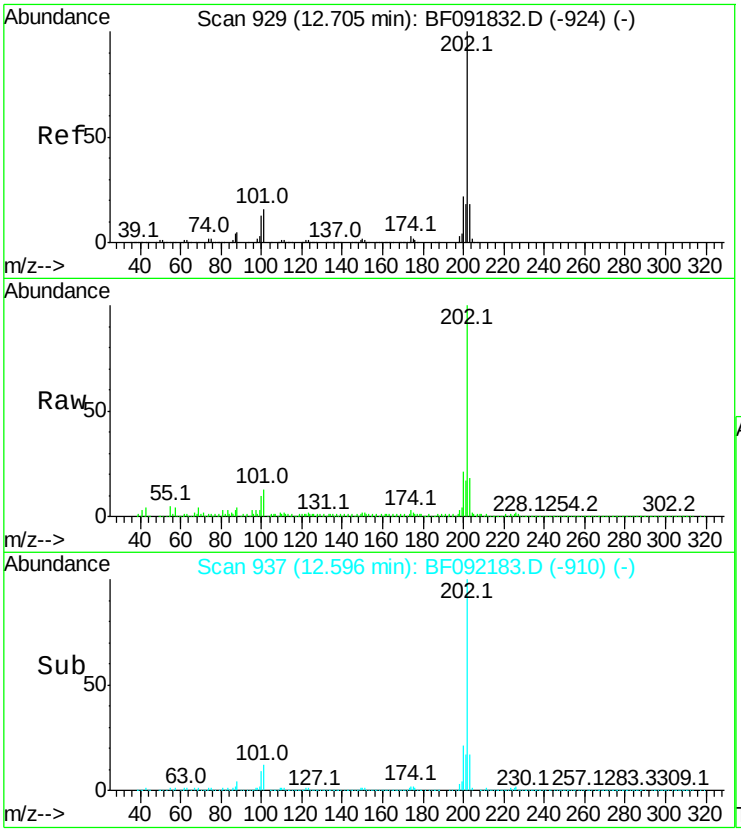


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Tgt Ion:240 Resp: 258760

Ion	Ratio	Lower	Upper
240	100		
120	12.4	12.9	19.3#
236	26.6	20.9	31.3



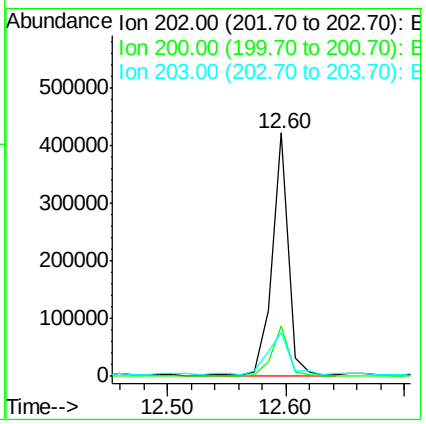


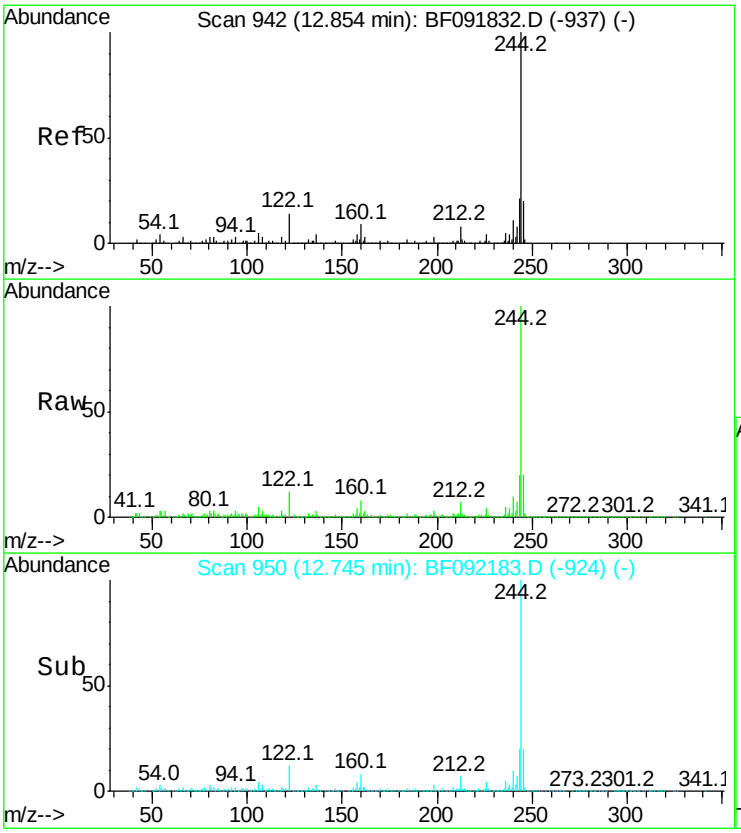
#77
Pyrene
Concen: 20.89 ng
RT: 12.60 min Scan# 937
Delta R.T. 0.01 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

Tgt Ion:202 Resp: 396653

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.7	26.5
203	18.1	14.7	22.1

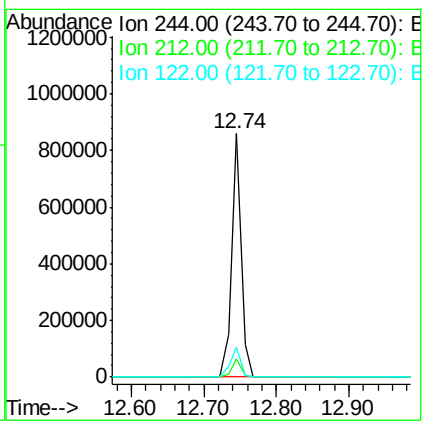


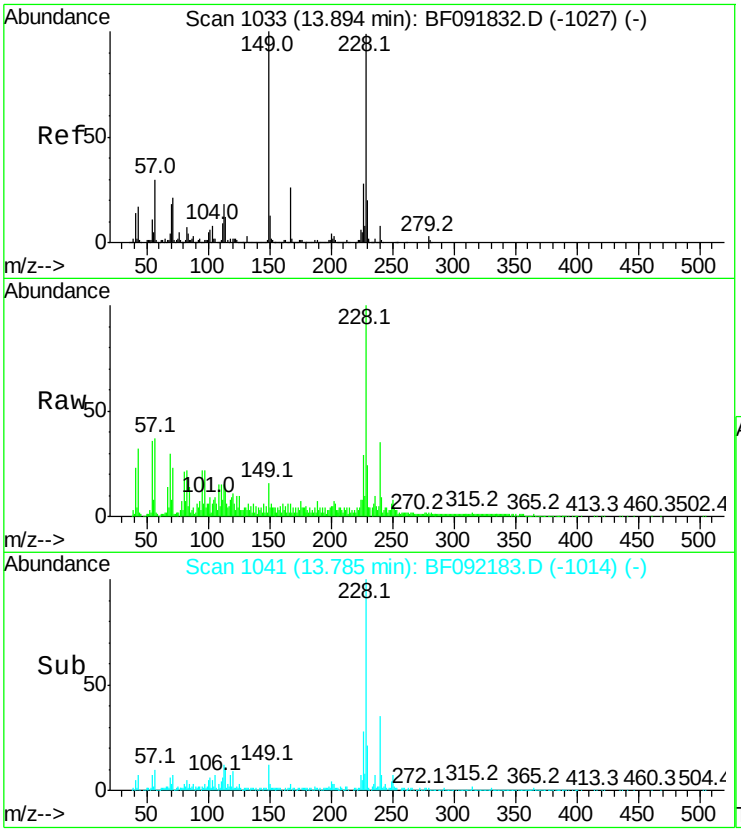


#78
Terphenyl-d14
Concen: 73.10 ng
RT: 12.74 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Tgt Ion:244 Resp: 779883

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	12.5	11.4	17.2



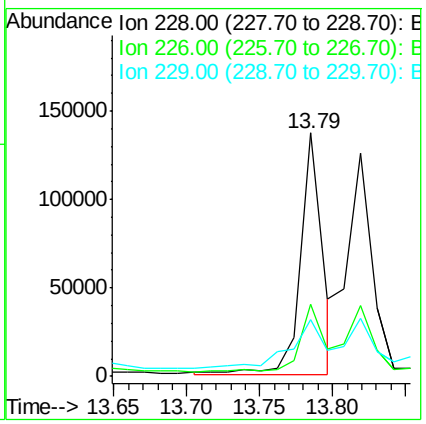


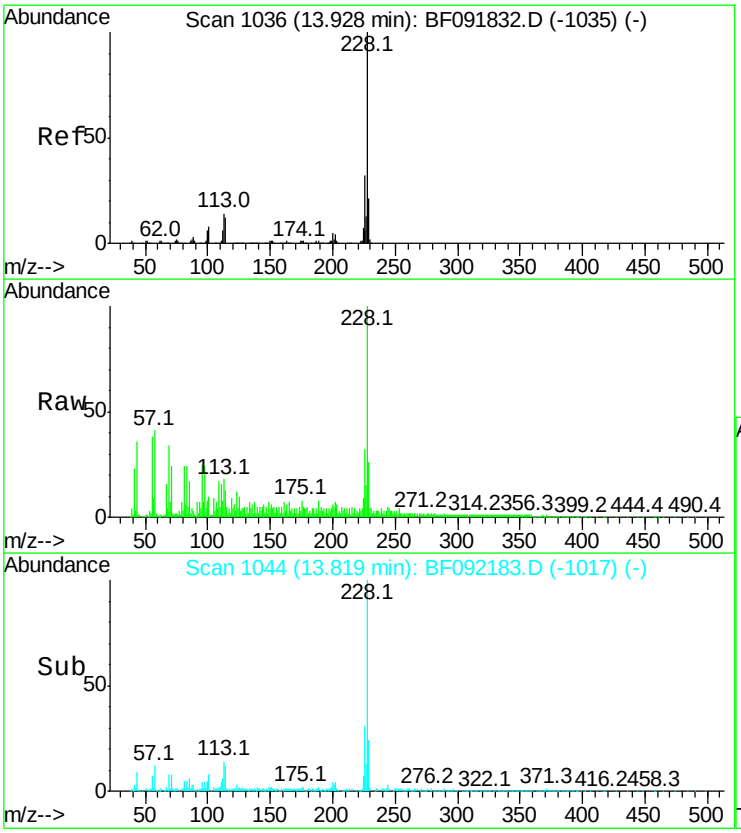
#80
Benzo(a)anthracene
Concen: 9.87 ng m
RT: 13.79 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

Tgt Ion:228 Resp: 144109

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.4	33.6
229	23.5	16.2	24.4

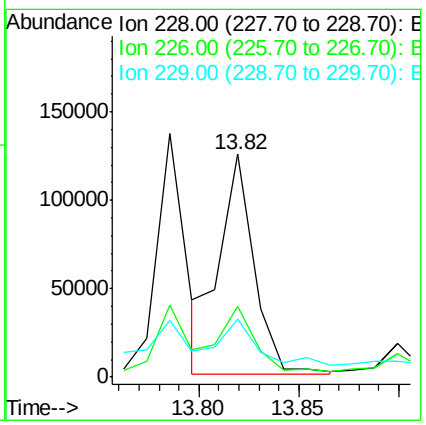


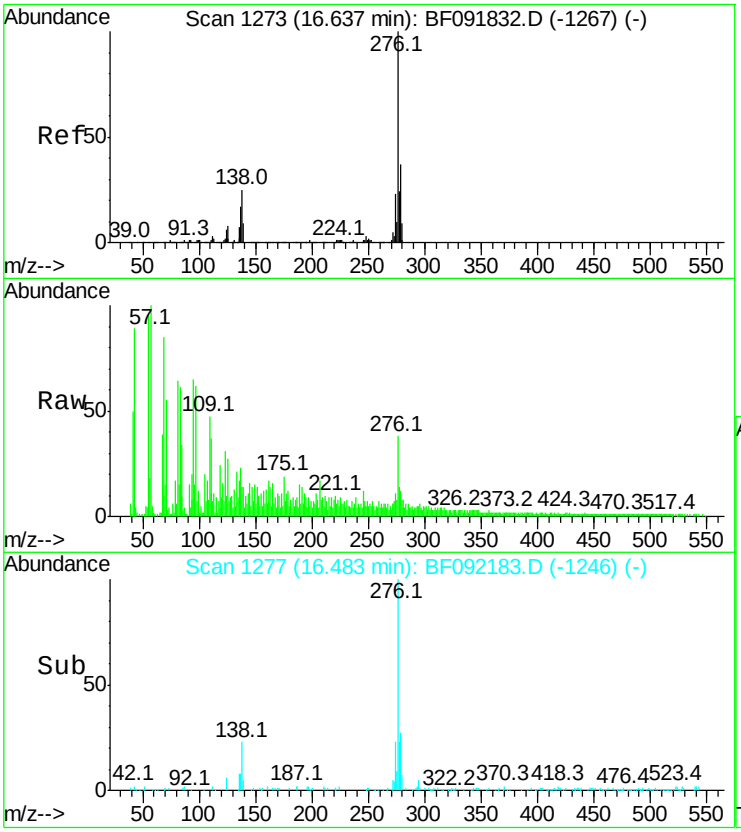


#82
Chrysene
Concen: 10.21 ng m
RT: 13.82 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Tgt Ion:228 Resp: 149585

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.4	38.0
229	26.0	16.2	24.2#



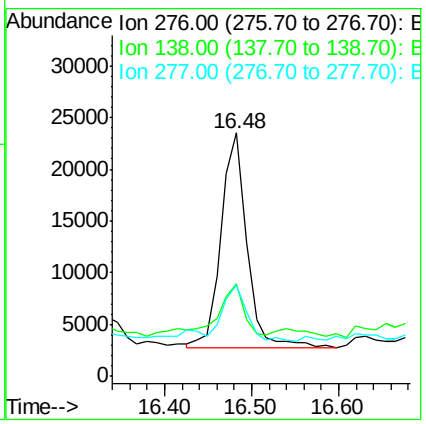


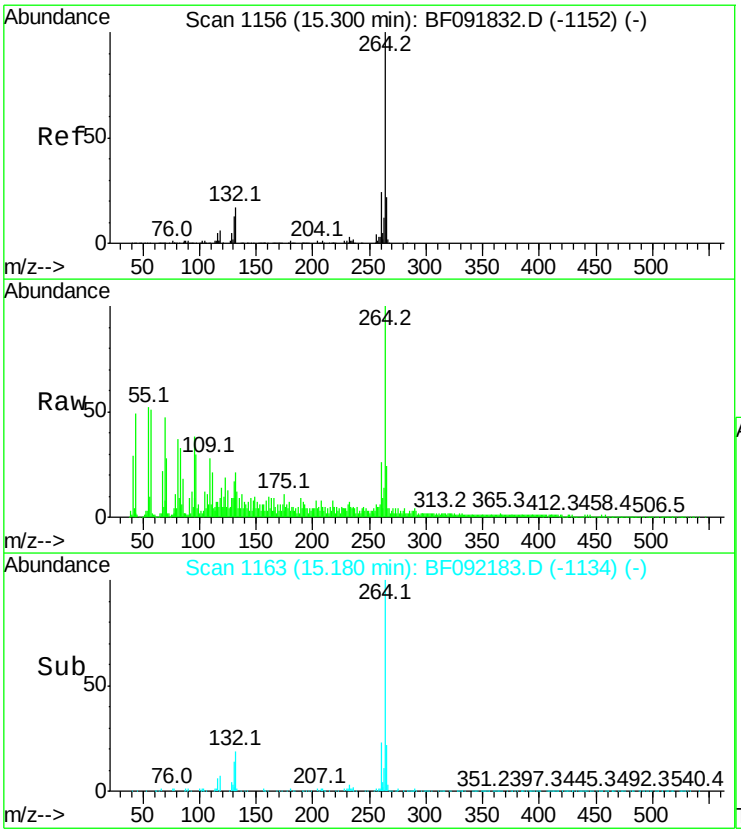
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.37 ng
RT: 16.48 min Scan# 1277
Delta R.T. 0.06 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

Tgt Ion:276 Resp: 42792

Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.8	32.6
277	32.5	20.2	30.4#

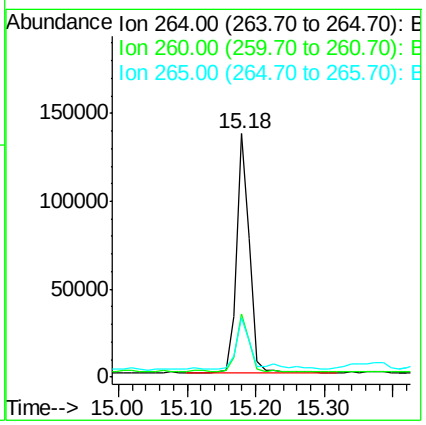


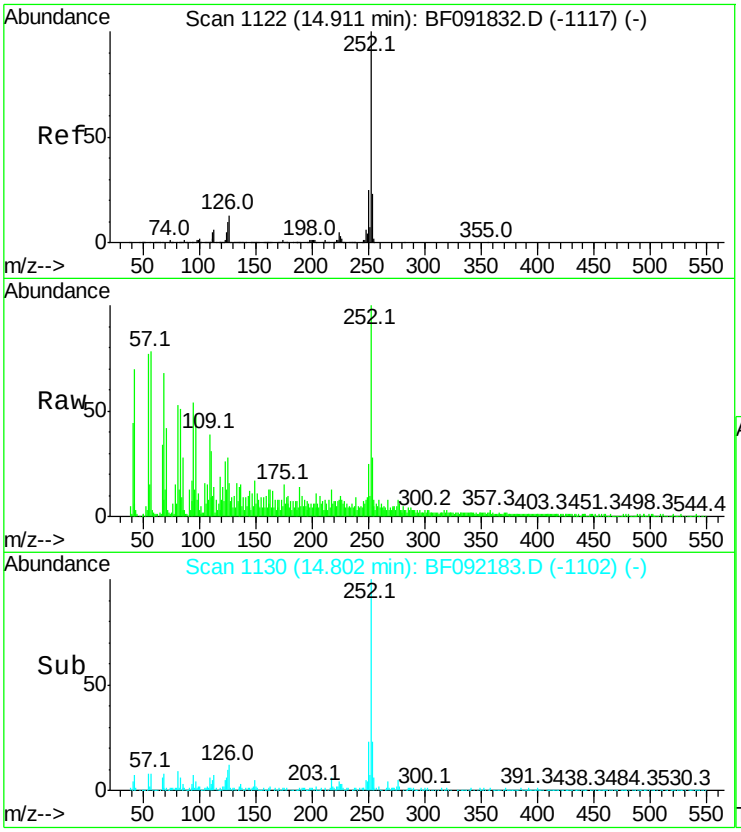


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1163
Delta R.T. 0.03 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Tgt Ion:264 Resp: 179898

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	24.4	17.4	26.0



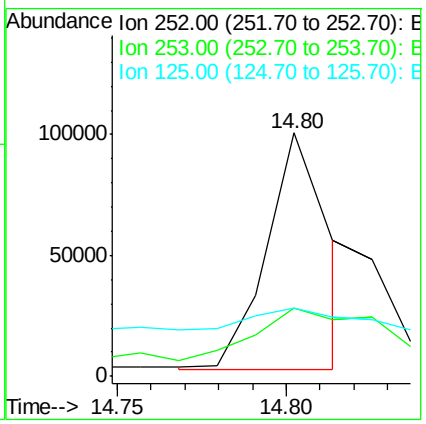


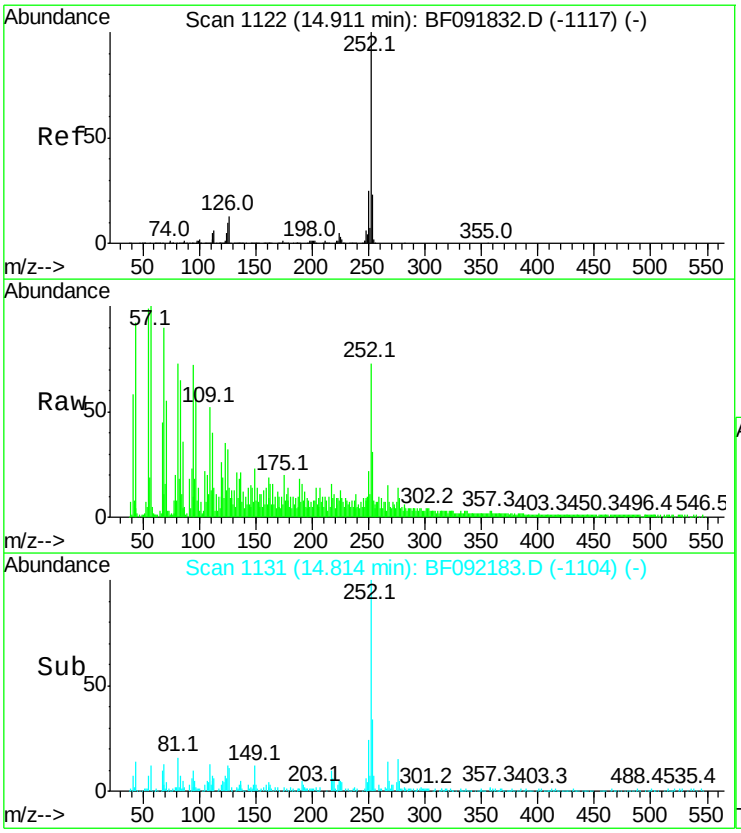
#87
Benzo(b)fluoranthene
Concen: 11.21 ng m
RT: 14.80 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

Tgt Ion:252 Resp: 125603

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.2	27.4#
125	27.8	9.8	14.6#

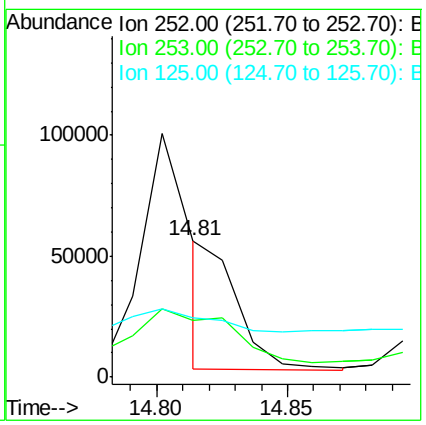


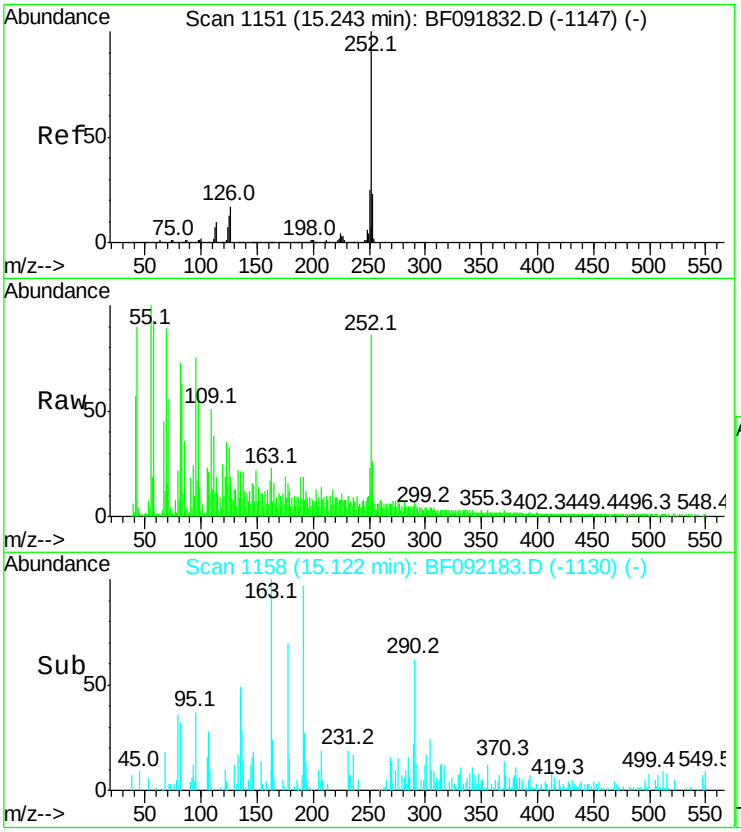


#88
Benzo(k)fluoranthene
Concen: 4.43 ng m
RT: 14.81 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Tgt Ion:252 Resp: 42298

Ion	Ratio	Lower	Upper
252	100		
253	42.1	18.5	27.7#
125	43.9	8.9	13.3#



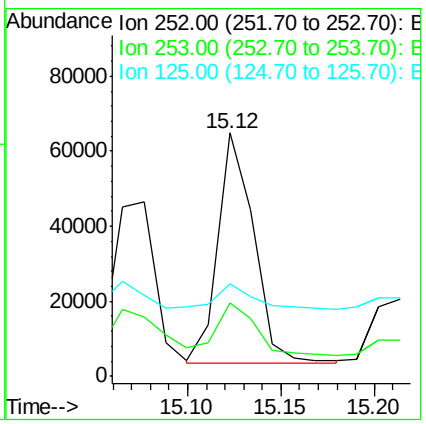


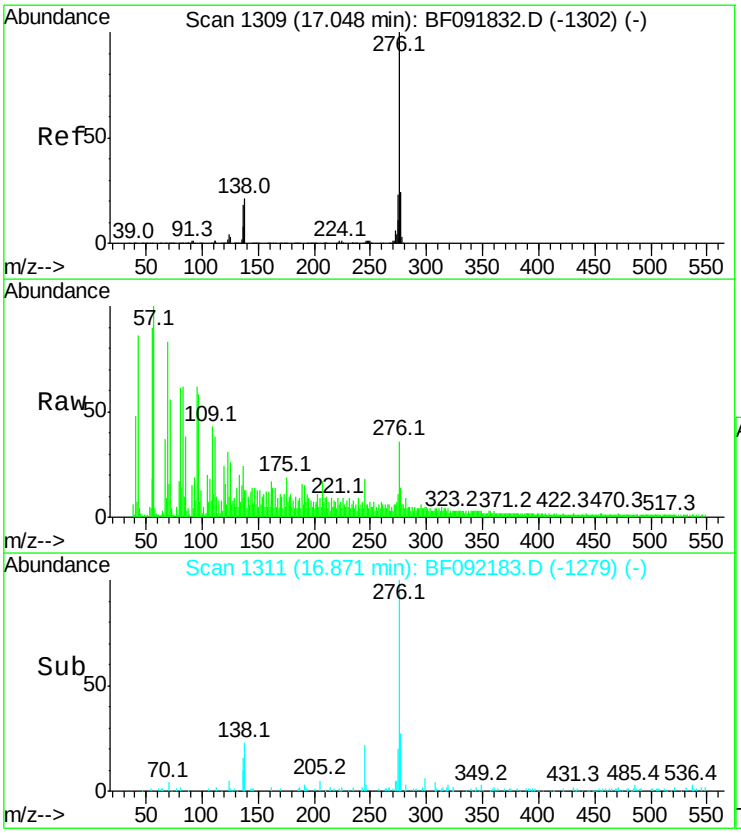
#89
Benzo(a)pyrene
Concen: 8.32 ng
RT: 15.12 min Scan# 1158
Delta R.T. 0.02 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Instrument :
BNA_F
ClientSampleId :
P3-SP5RE

Tgt Ion:252 Resp: 82698

Ion	Ratio	Lower	Upper
252	100		
253	30.0	18.2	27.2#
125	38.0	10.0	15.0#





#91
Benzo(g,h,i)perylene
Concen: 5.10 ng
RT: 16.87 min Scan# 1311
Delta R.T. 0.07 min
Lab File: BF092183.D
Acq: 10 Jan 2017 15:48

Tgt Ion:276 Resp: 43325

Ion	Ratio	Lower	Upper
276	100		
277	39.2	19.2	28.8#
138	37.1	16.0	24.0#