Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
Data File : BF092186.D
Acq On : 10 Jan 2017 17:10
Operator : UM/SJ
Sample : I1057-06RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP8RE

Quant Time: Jan 10 23:31:49 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	148031	20.00	ng		-0.01
21) Naphthalene-d8	7.92	136	568612	20.00	ng		-0.01
38) Acenaphthene-d10	9.68	164	253266	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	368087	20.00	ng		0.00
75) Chrysene-d12	13.80	240	215594	20.00	ng		0.01
86) Perylene-d12	15.19	264	144221	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	705684	79.60	ng		0.00
7) Phenol-d6	6.31	99	1163953	107.53	ng		0.00
23) Nitrobenzene-d5	7.20	82	595744	58.26	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	72870	34.77	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	1102184	89.91	ng		0.00
78) Terphenyl-d14	12.74	244	661977	74.47	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.32	94	65934	5.35	ng		83
19) n-Nitroso-di-n-propylamine	7.20	70	83483	11.59	ng	#	77
25) Isophorone	7.20	82	546151	28.95	ng	#	65
49) Dimethylphthalate	9.41	163	77806	4.80	ng		100
51) Acenaphthene	9.70	154	79907	5.58	ng		99
54) Dibenzofuran	9.88	168	76854	3.97	ng		96
57) Fluorene	10.22	166	119859	8.52	ng		98
70) Phenanthrene	11.18	178	513362	25.72	ng		98
71) Anthracene	11.24	178	158681	6.52	ng		97
72) Carbazole	11.40	167	61213	2.72	ng		98
73) Di-n-butylphthalate	11.73	149	5064	Below Cal		#	76
74) Fluoranthene	12.37	202	396629	20.57	ng		98
76) Benzidine	12.48	184	1155	Below Cal		#	1
77) Pyrene	12.60	202	314046	19.85	ng		98
80) Benzo(a)anthracene	13.79	228	112835	9.27	ng	#	93
82) Chrysene	13.79	228	112835	9.24	ng	#	95
83) Bis(2-ethylhexyl)phthalate	13.80	149	28935	3.42	ng	#	67
85) Indeno(1,2,3-cd)pyrene	16.48	276	26107	2.47	ng		96
87) Benzo(b)fluoranthene	14.80	252	101538	11.31	ng	#	60
88) Benzo(k)fluoranthene	14.80	252	101538	13.26	ng	#	60
89) Benzo(a)pyrene	15.13	252	46738	5.86	ng	#	38
91) Benzo(g,h,i)perylene	16.87	276	27143	3.98	ng	#	56

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
Data File : BF092186.D
Acq On : 10 Jan 2017 17:10
Operator : UM/SJ
Sample : I1057-06RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P3-SP8RE

Quant Time: Jan 10 23:31:49 2017
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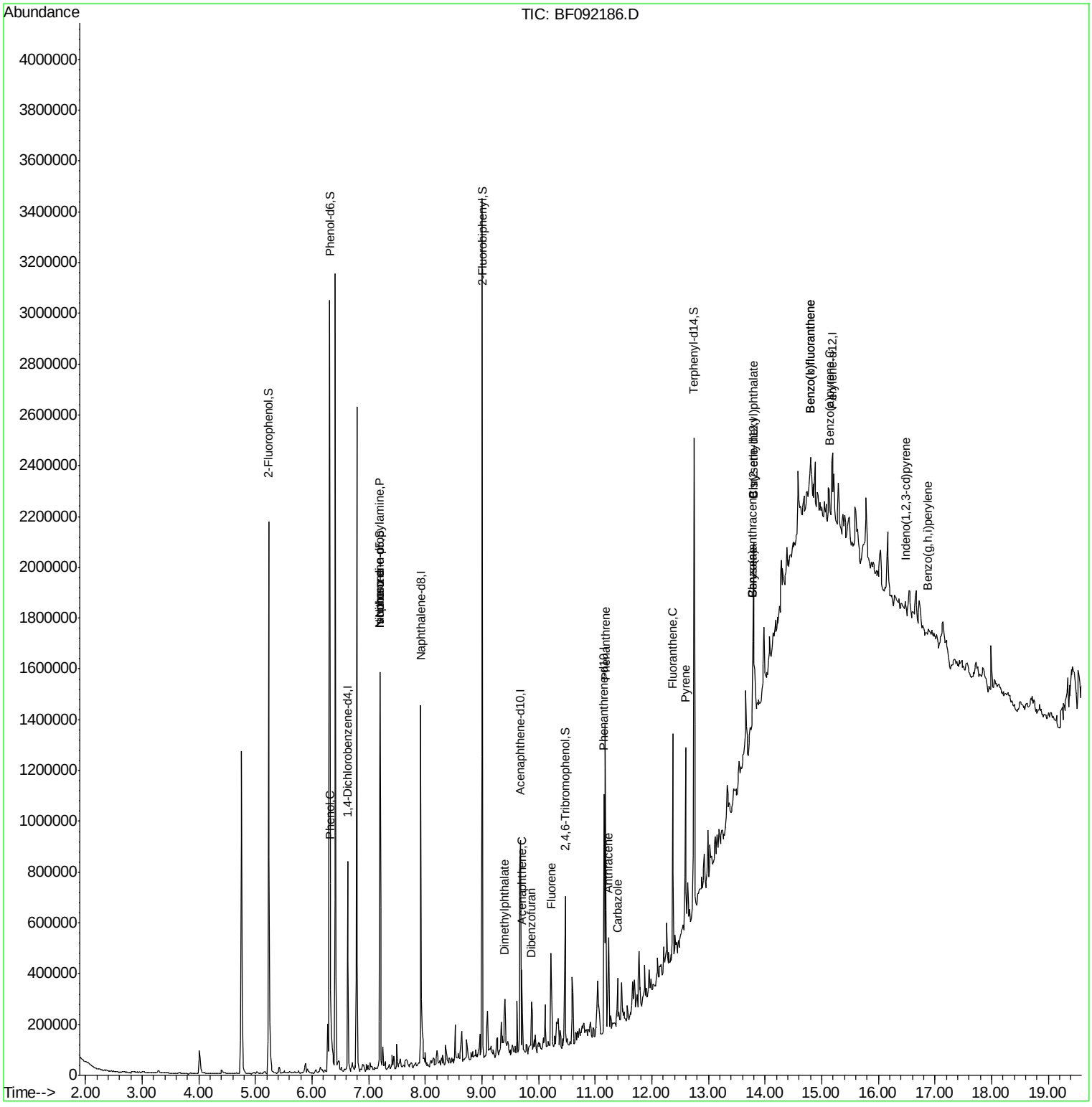
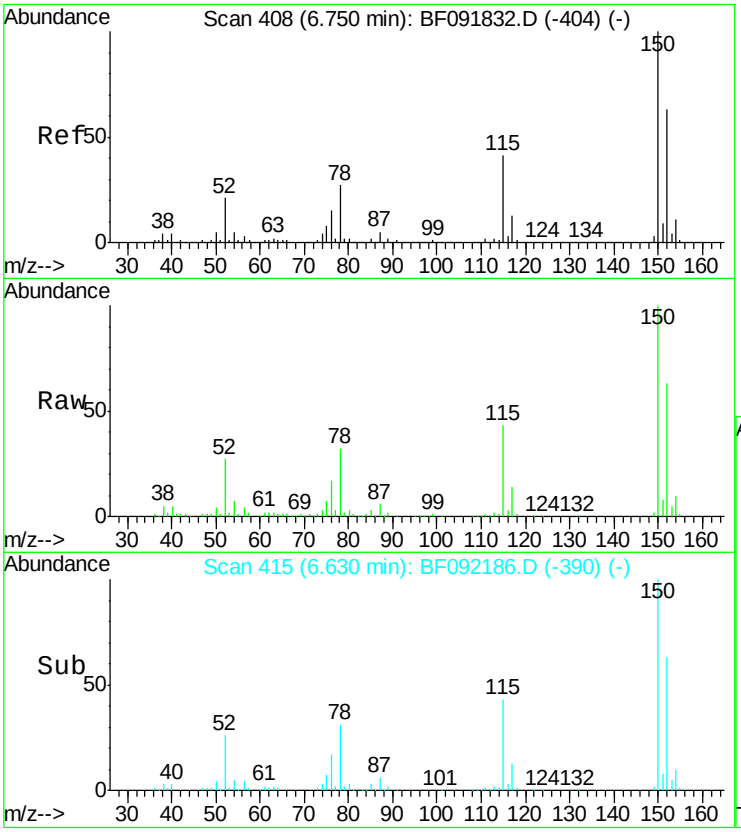


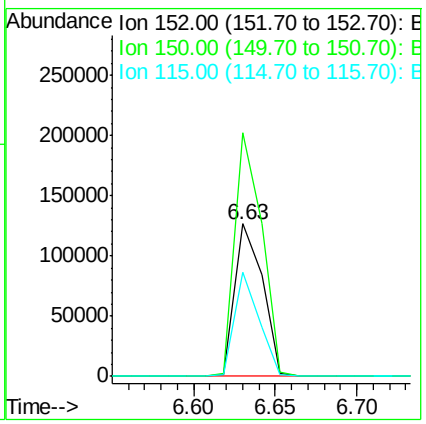


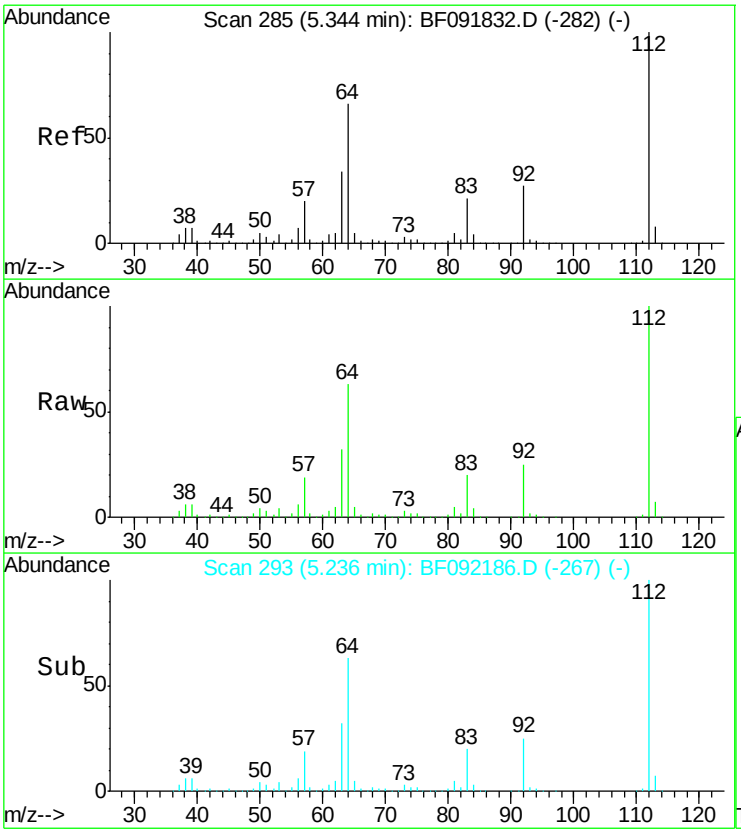
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
P3-SP8RE

Tgt Ion:152 Resp: 148031

Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.9	187.3
115	68.7	46.0	69.0

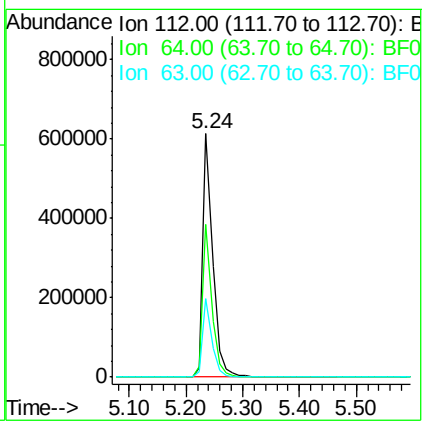


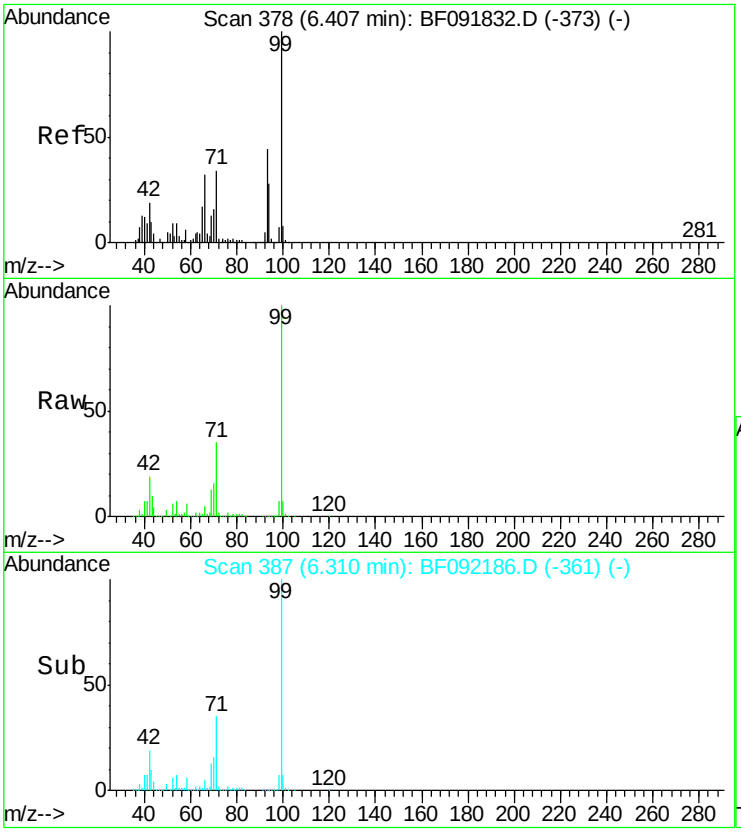


#5
2-Fluorophenol
Concen: 79.60 ng
RT: 5.24 min Scan# 293
Delta R.T. -0.00 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Tgt Ion:112 Resp: 705684

Ion	Ratio	Lower	Upper
112	100		
64	62.6	46.1	69.1
63	32.1	23.8	35.6



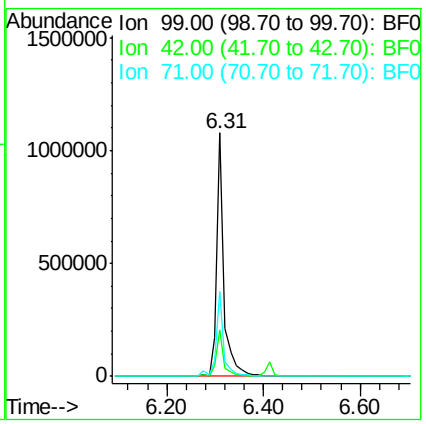


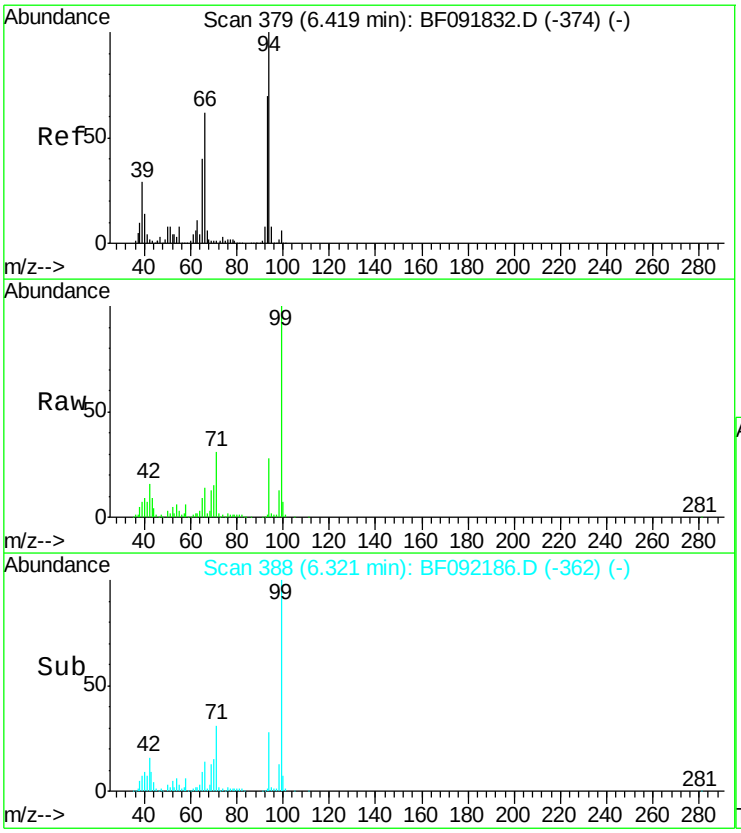
#7
Phenol-d6
Concen: 107.53 ng
RT: 6.31 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
P3-SP8RE

Tgt Ion: 99 Resp: 1163953

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.6	23.4
71	34.8	27.5	41.3

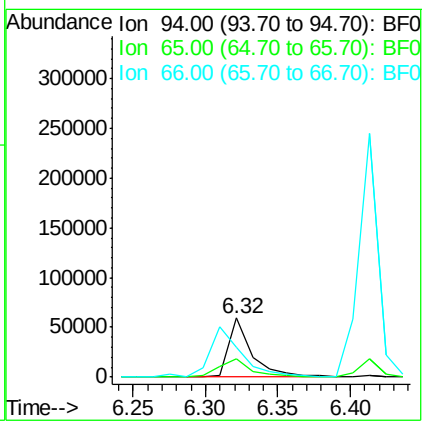


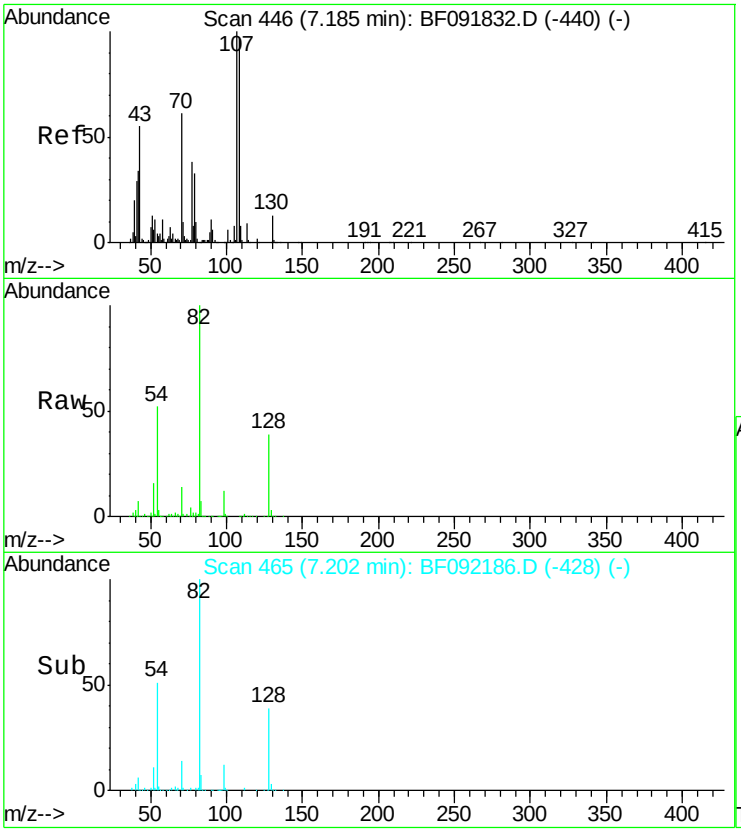


#10
Phenol
Concen: 5.35 ng
RT: 6.32 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Tgt Ion: 94 Resp: 65934

Ion	Ratio	Lower	Upper
94	100		
65	30.6	21.4	61.4
66	50.2	44.0	84.0



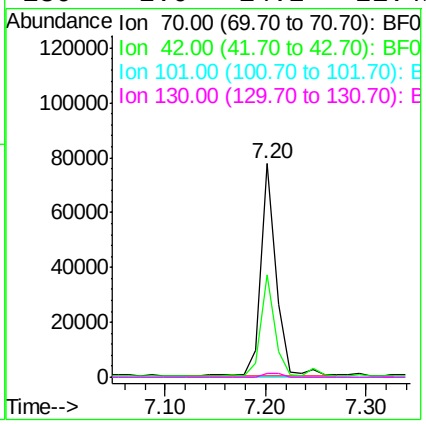


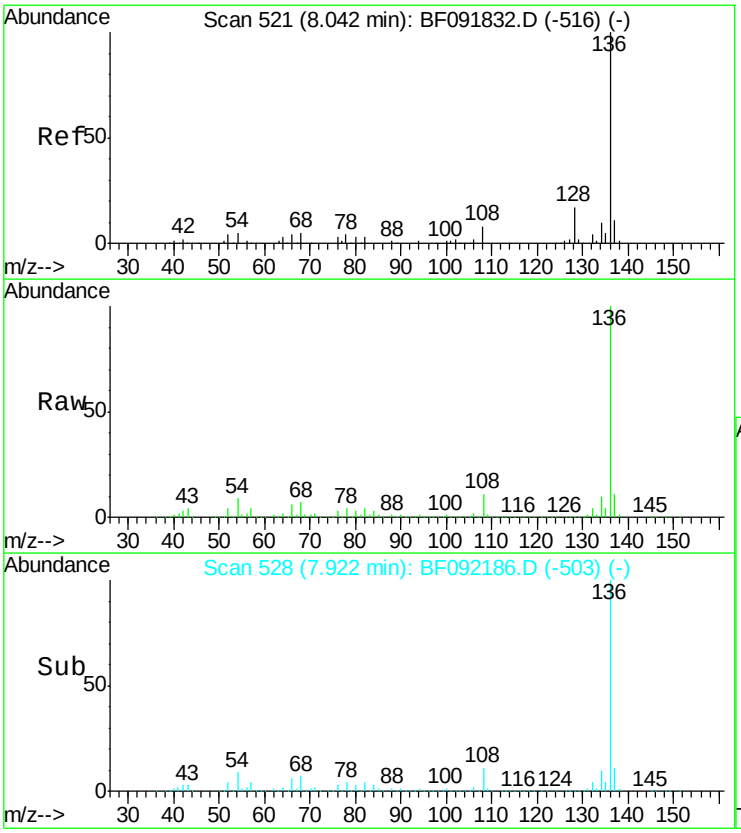
#19
n-Nitroso-di-n-propylamine
Concen: 11.59 ng
RT: 7.20 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
P3-SP8RE

Tgt Ion: 70 Resp: 83483

Ion	Ratio	Lower	Upper
70	100		
42	47.7	49.4	74.0#
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#

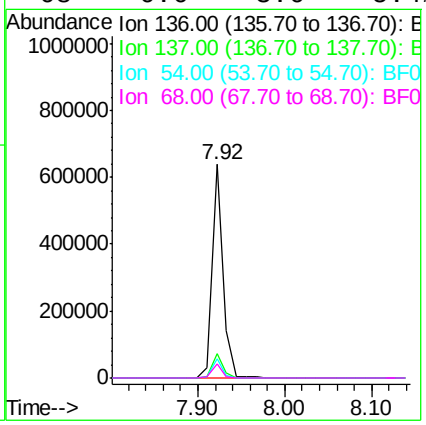


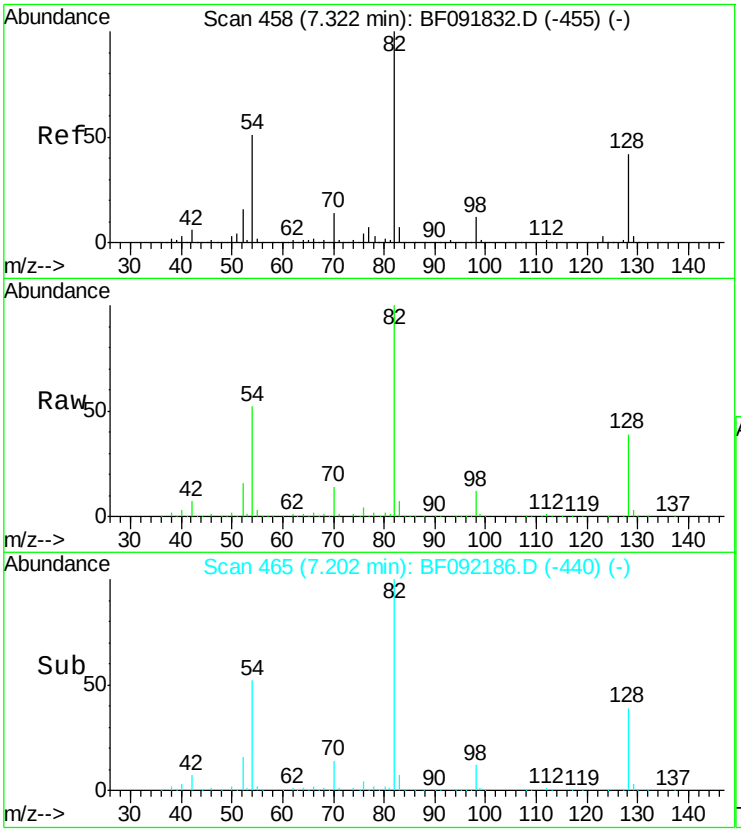


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Tgt Ion:136 Resp: 568612

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.9	4.5	6.7#
68	6.6	3.6	5.4#



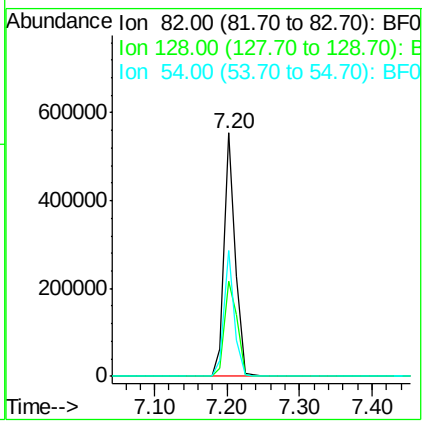


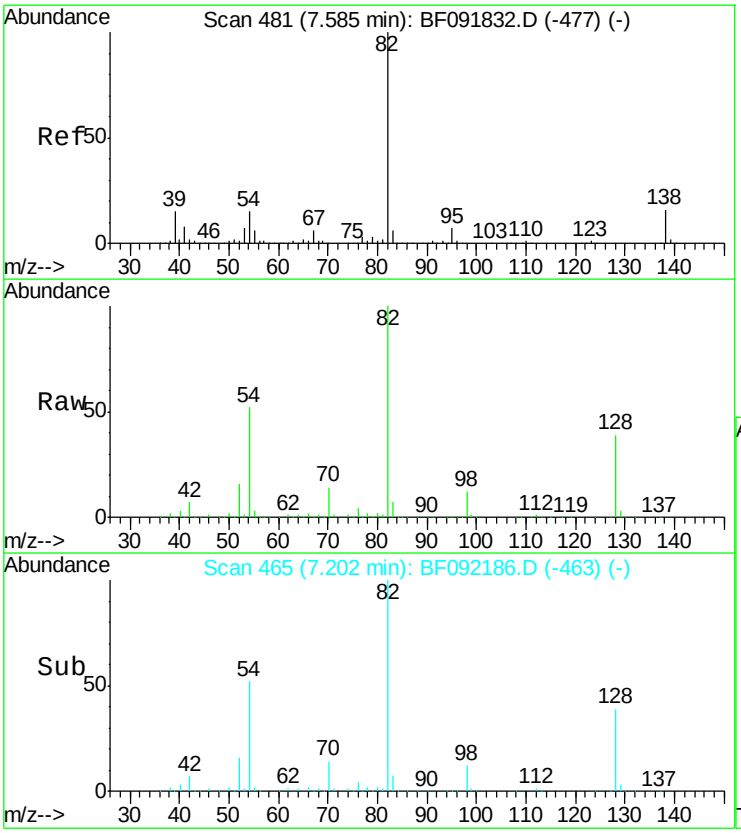
#23
Nitrobenzene-d5
Concen: 58.26 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
P3-SP8RE

Tgt Ion: 82 Resp: 595744

Ion	Ratio	Lower	Upper
82	100		
128	39.3	34.6	52.0
54	51.8	39.5	59.3

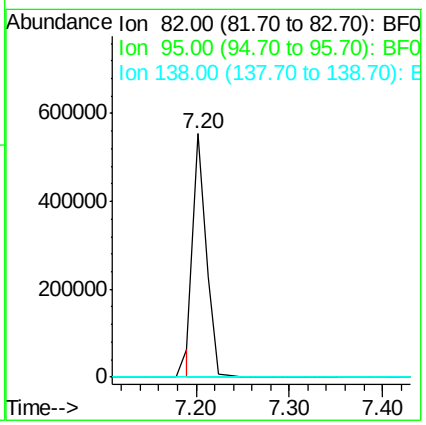


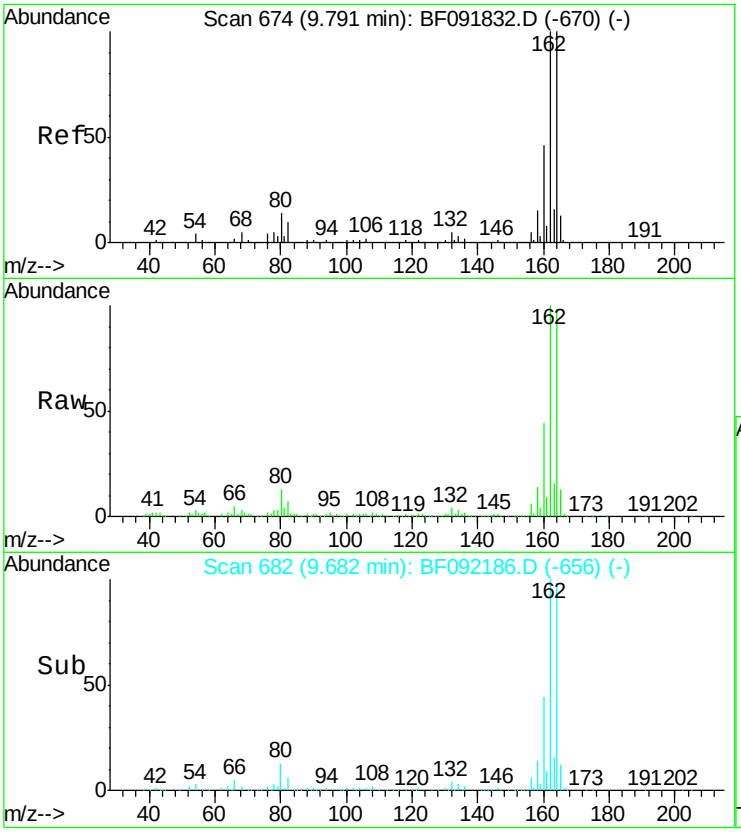


#25
Isophorone
Concen: 28.95 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.27 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Tgt Ion: 82 Resp: 546151

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.6	8.4#
138	0.0	14.6	22.0#



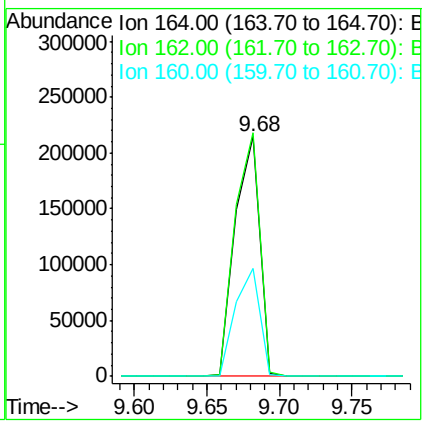


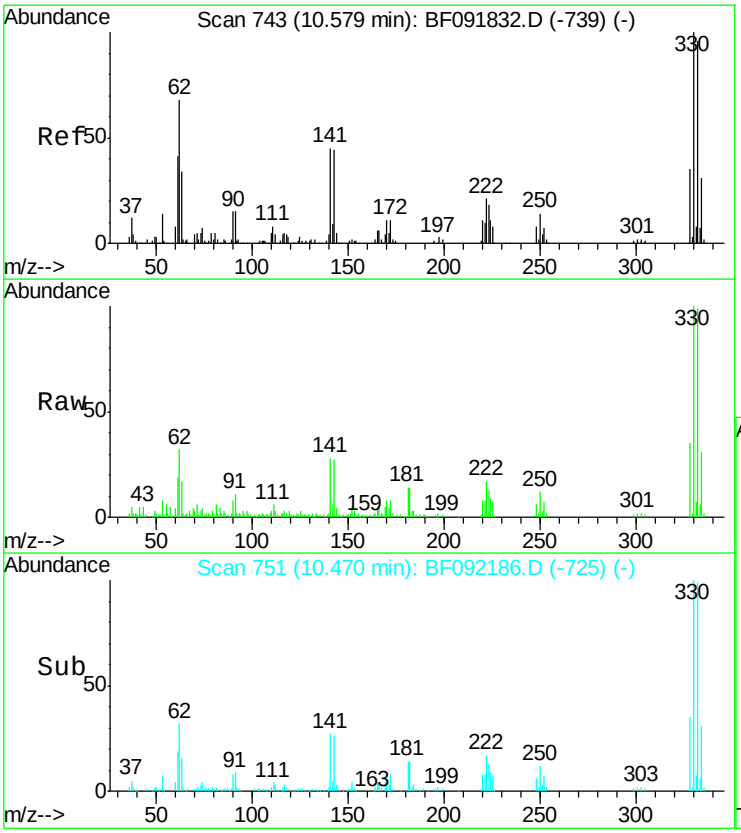
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
P3-SP8RE

Tgt Ion:164 Resp: 253266

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.2	120.2
160	45.1	36.9	55.3

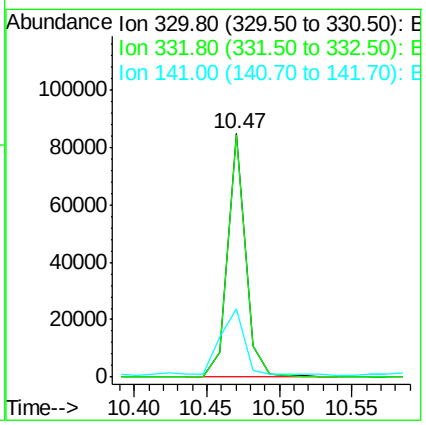


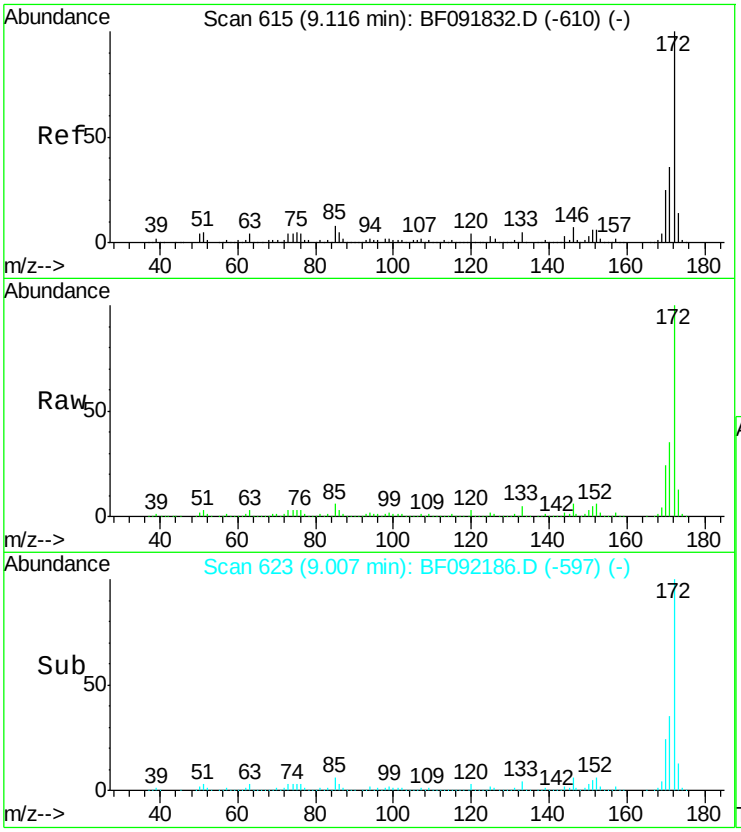


#41
2,4,6-Tribromophenol
Concen: 34.77 ng
RT: 10.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Tgt Ion:330 Resp: 72870

Ion	Ratio	Lower	Upper
330	100		
332	99.6	77.4	116.2
141	37.6	34.1	51.1



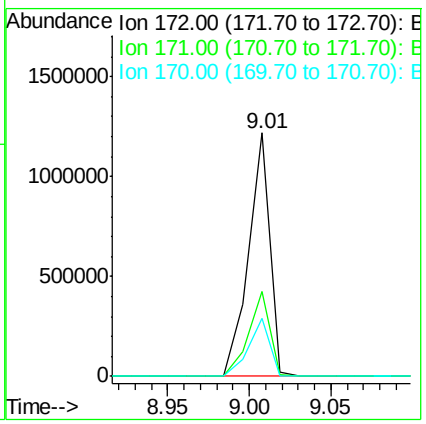


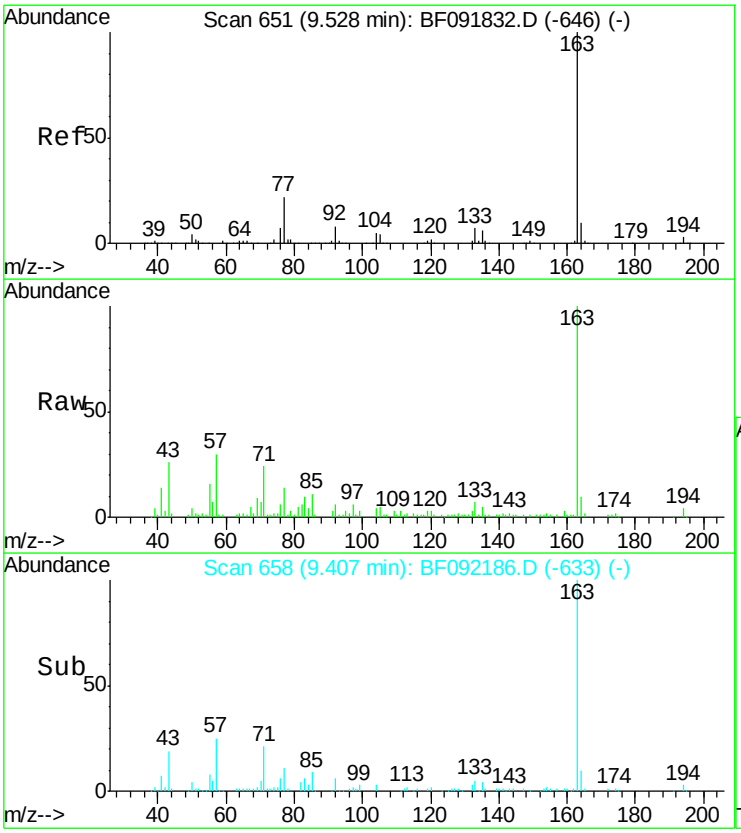
#44
2-Fluorobiphenyl
Concen: 89.91 ng
RT: 9.01 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
P3-SP8RE

Tgt Ion:172 Resp: 1102184

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.4	44.0
170	24.1	20.2	30.4

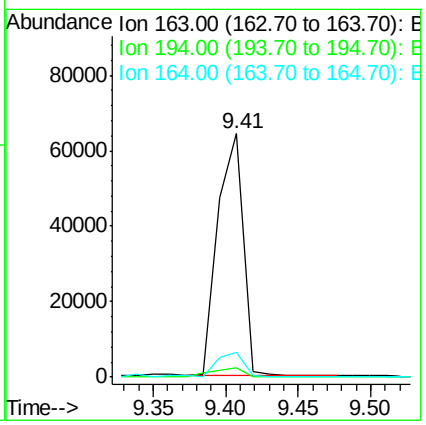


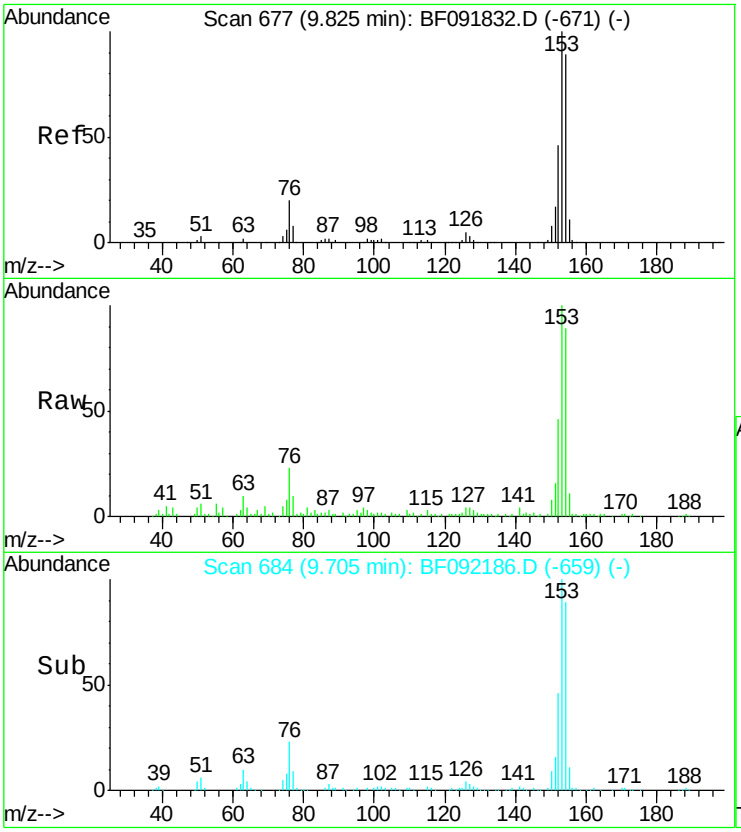


#49
Dimethylphthalate
Concen: 4.80 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Tgt Ion:163 Resp: 77806

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.0	8.0	12.0



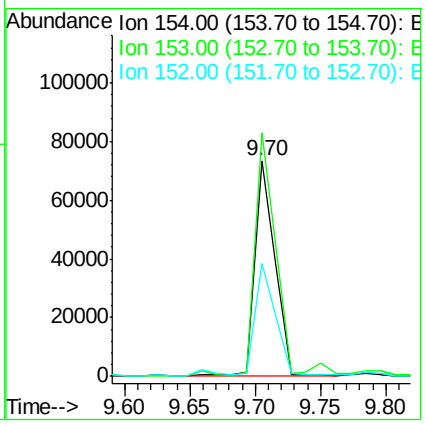


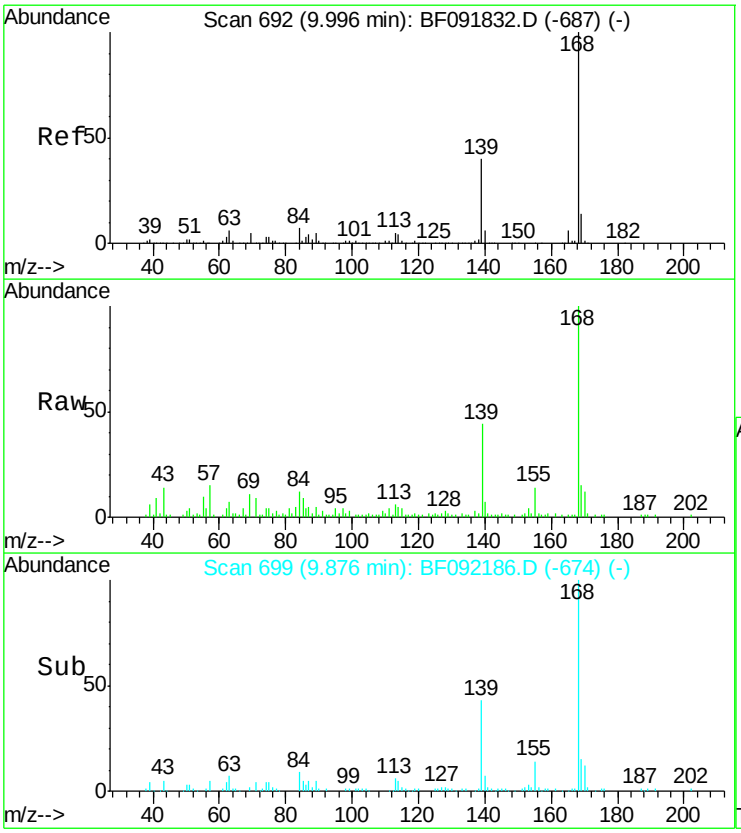
#51
Acenaphthene
Concen: 5.58 ng
RT: 9.70 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
P3-SP8RE

Tgt Ion:154 Resp: 79907

Ion	Ratio	Lower	Upper
154	100		
153	112.7	88.6	133.0
152	52.2	41.6	62.4

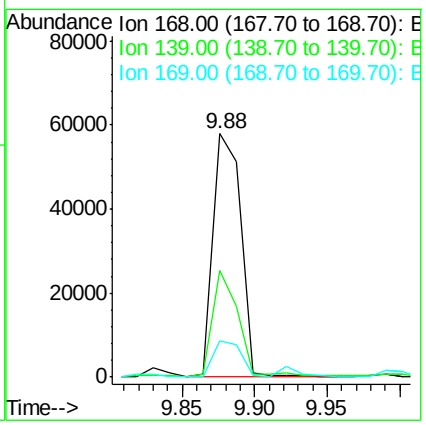


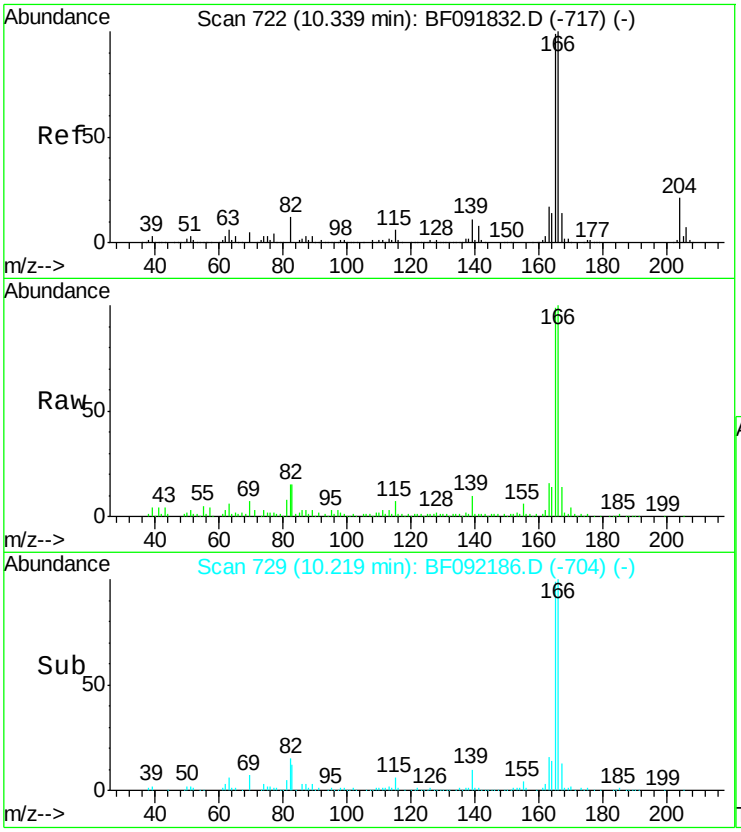


#54
Dibenzofuran
Concen: 3.97 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Tgt Ion:168 Resp: 76854

Ion	Ratio	Lower	Upper
168	100		
139	43.8	32.6	49.0
169	15.1	11.3	16.9



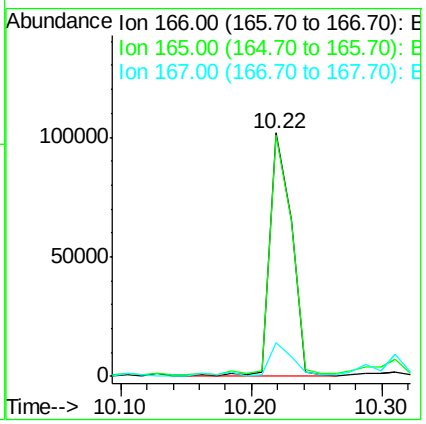


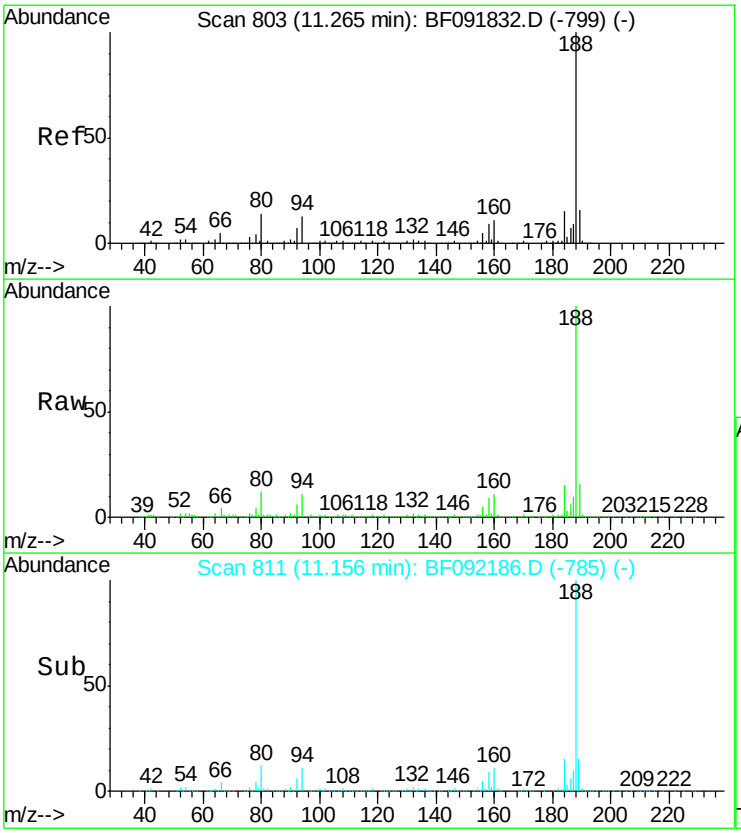
#57
Fluorene
Concen: 8.52 ng
RT: 10.22 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
P3-SP8RE

Tgt Ion:166 Resp: 119859

Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.8	116.8
167	14.0	10.8	16.2

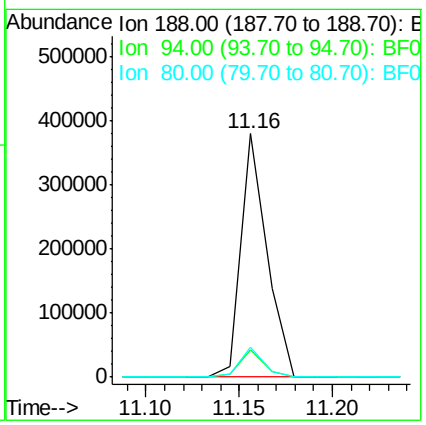


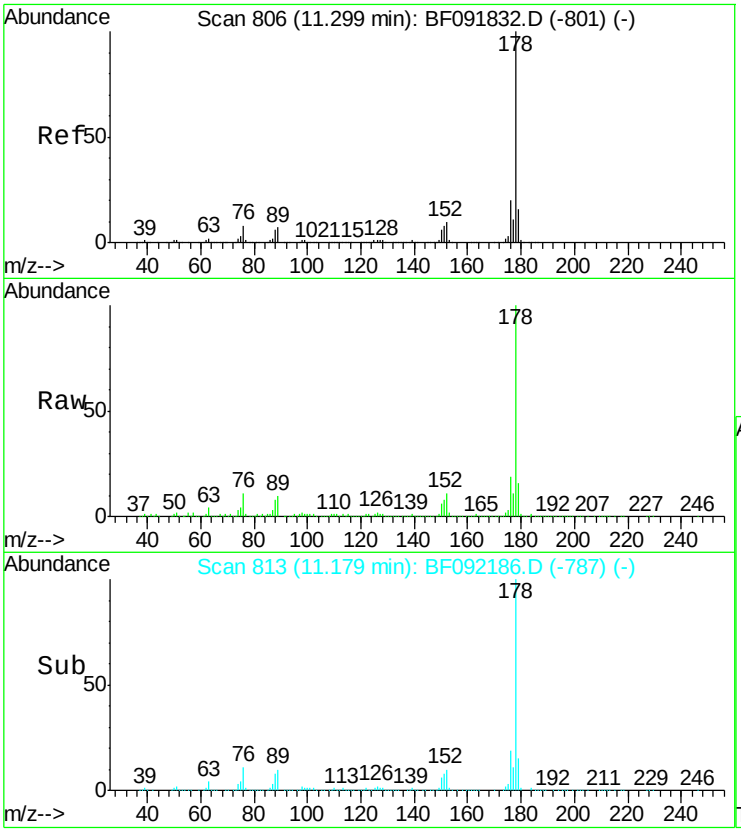


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Tgt Ion:188 Resp: 368087

Ion	Ratio	Lower	Upper
188	100		
94	11.0	10.0	15.0
80	12.3	11.2	16.8



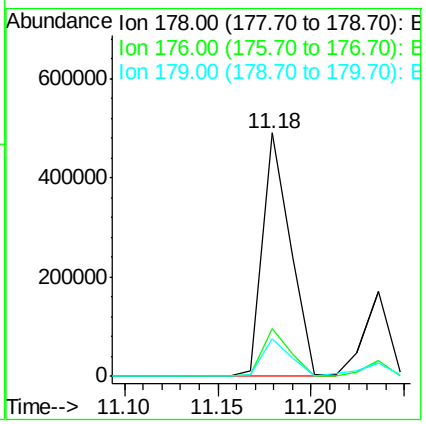


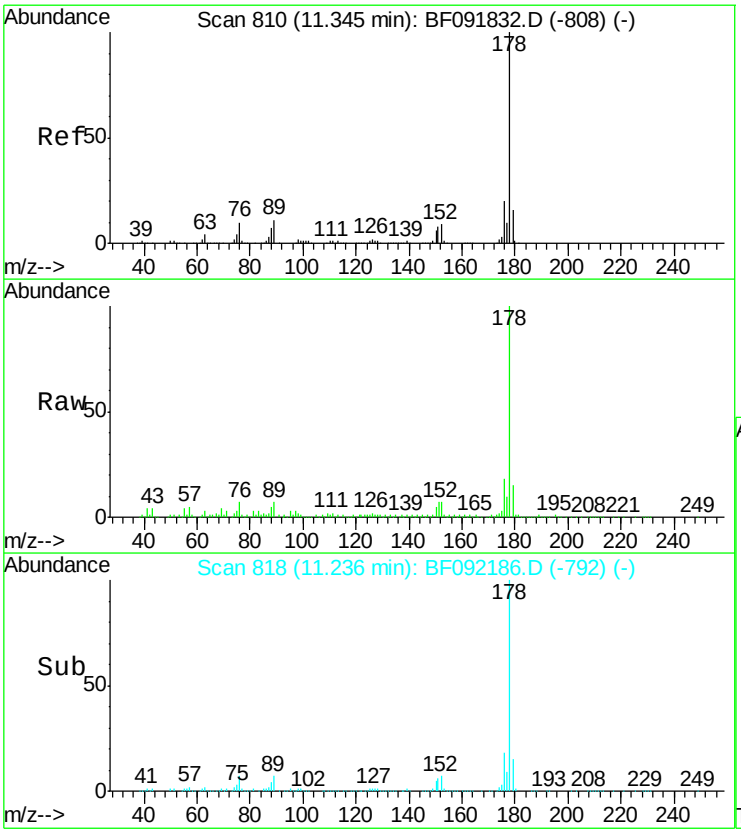
#70
Phenanthrene
Concen: 25.72 ng
RT: 11.18 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
P3-SP8RE

Tgt Ion:178 Resp: 513362

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.6	25.0
179	15.6	12.8	19.2

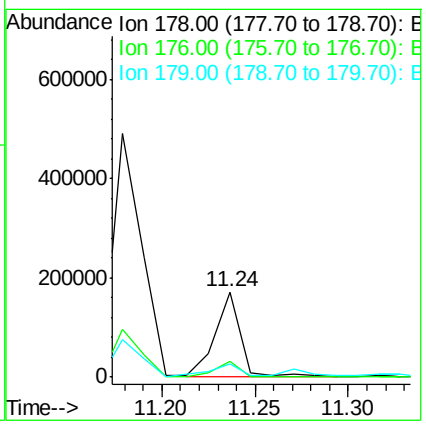


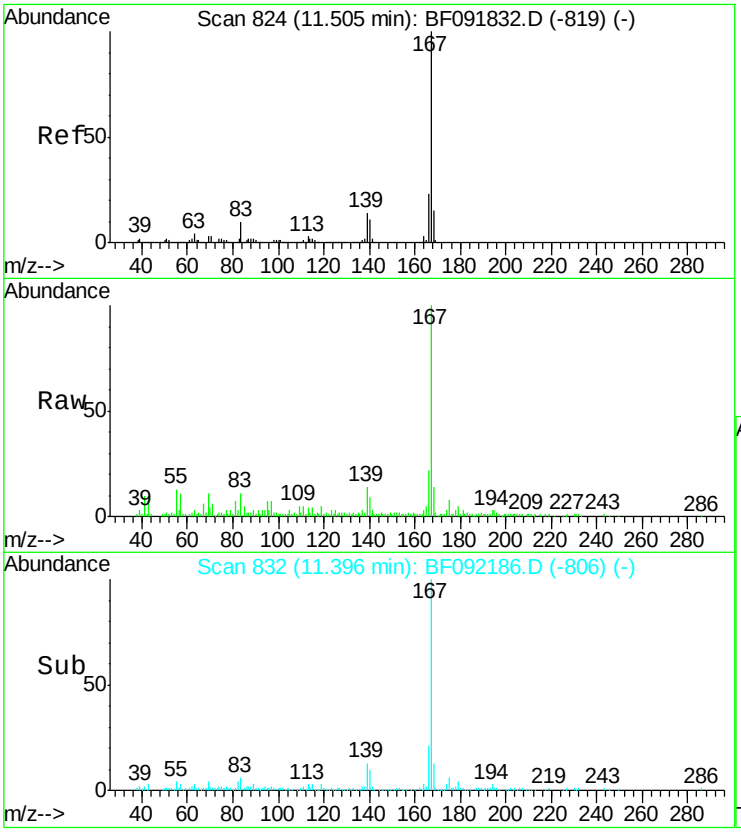


#71
Anthracene
Concen: 6.52 ng
RT: 11.24 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Tgt Ion:178 Resp: 158681

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.9	23.9
179	15.4	13.2	19.8



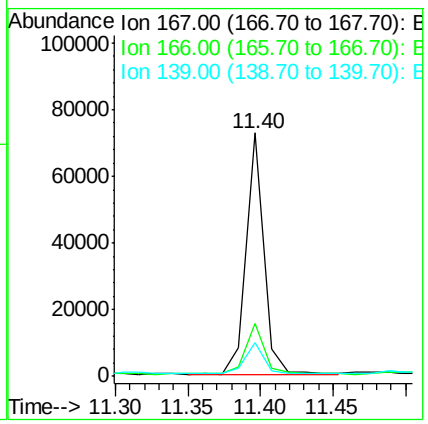


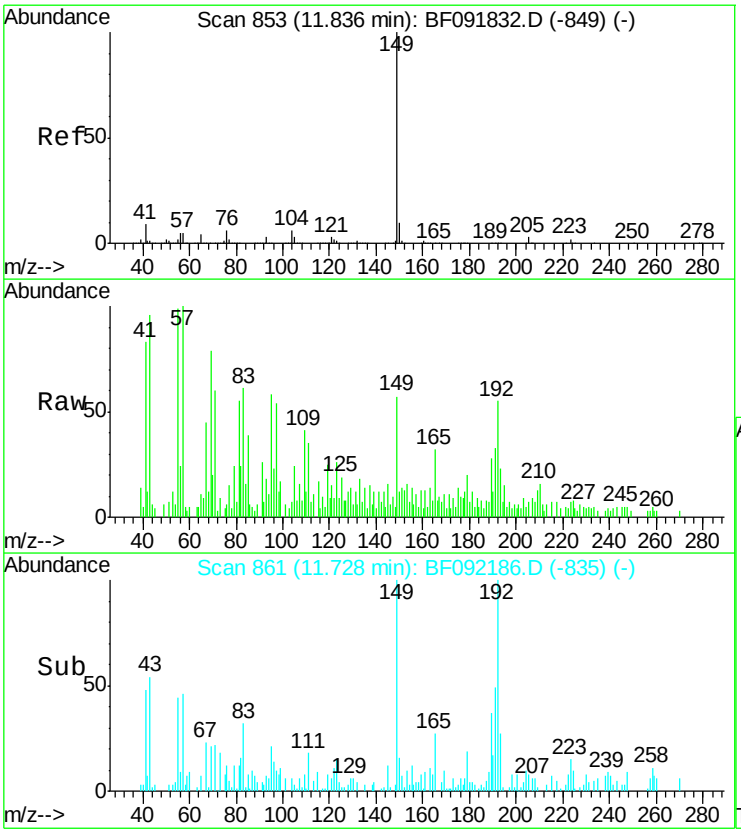
#72
Carbazole
Concen: 2.72 ng
RT: 11.40 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
P3-SP8RE

Tgt Ion:167 Resp: 61213

Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.2	27.2
139	13.8	11.4	17.2

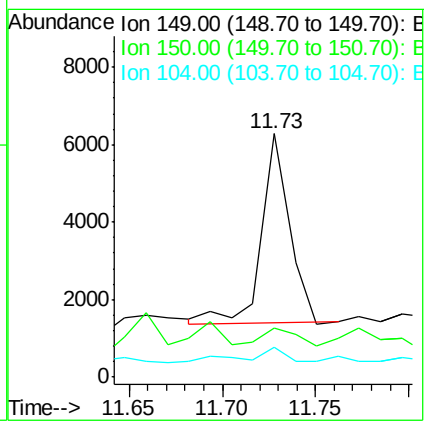


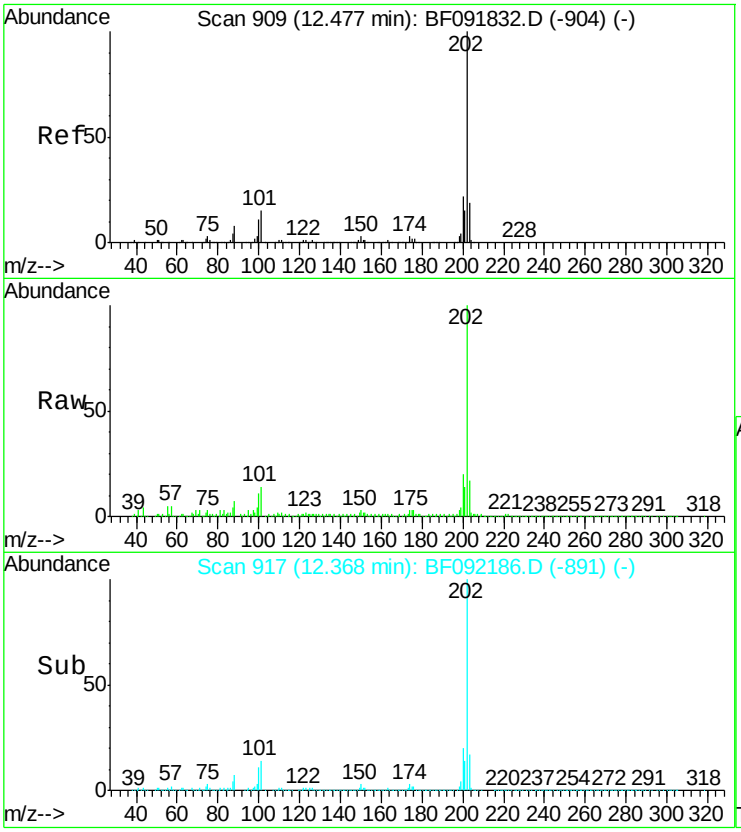


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.73 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Tgt Ion:149 Resp: 5064

Ion	Ratio	Lower	Upper
149	100		
150	20.3	8.1	12.1#
104	12.3	4.6	7.0#



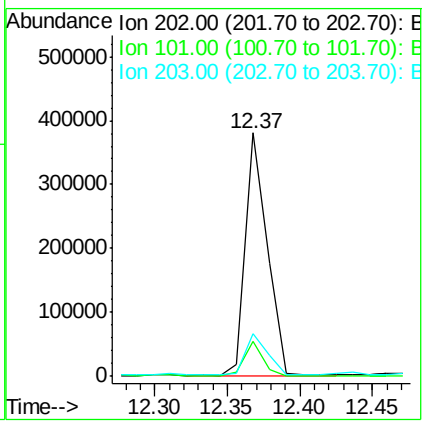


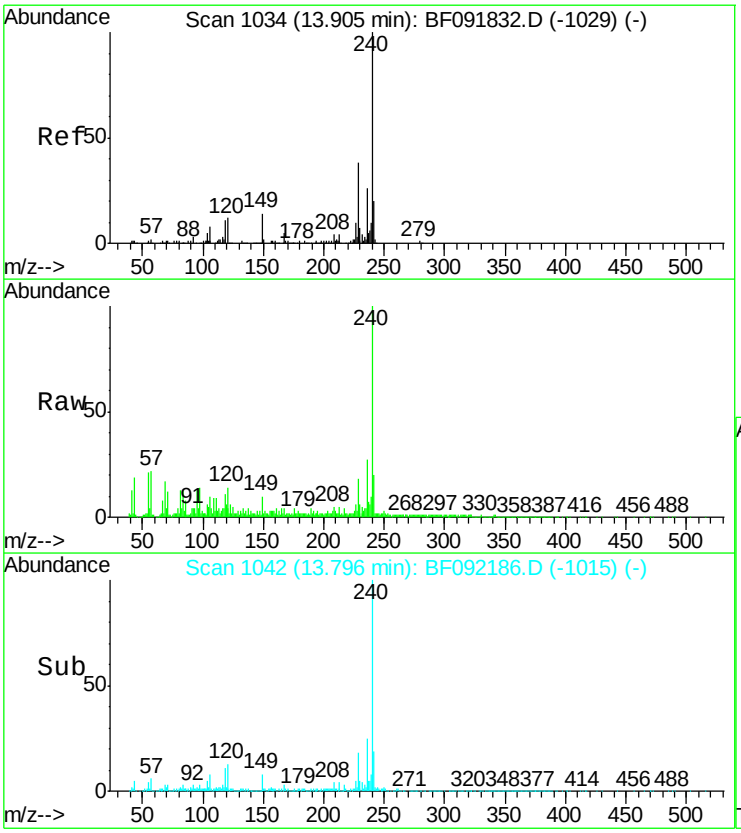
#74
Fluoranthene
Concen: 20.57 ng
RT: 12.37 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
P3-SP8RE

Tgt Ion:202 Resp: 396629

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.6
203	17.4	0.0	38.7

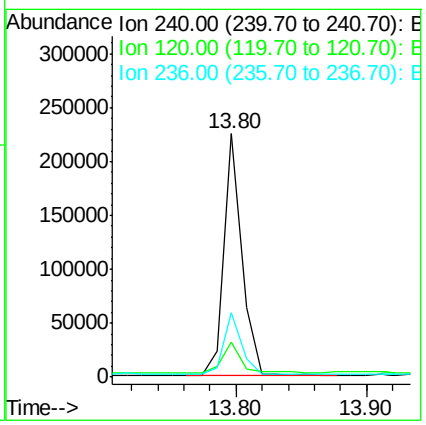


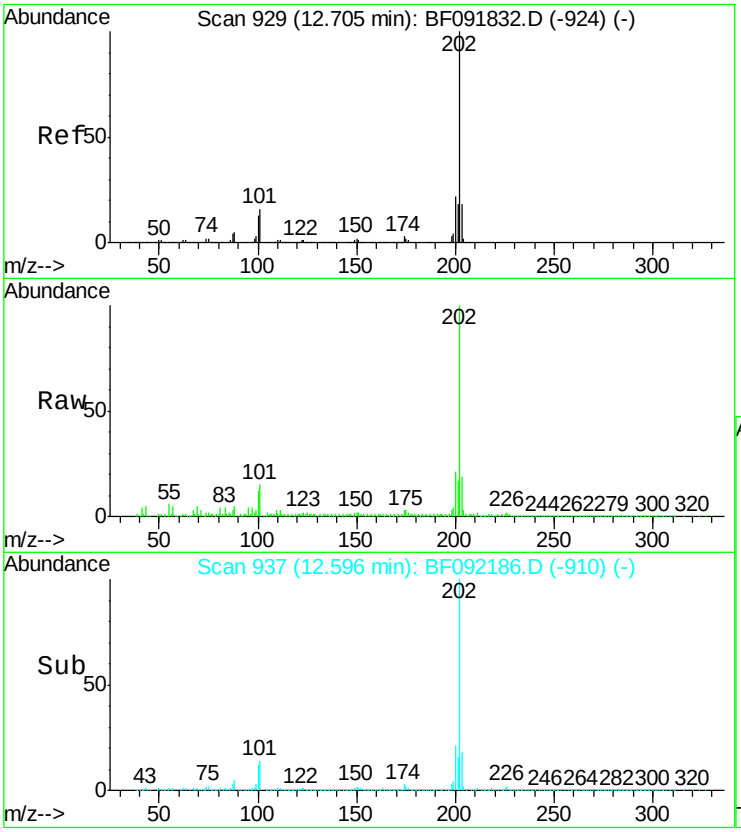


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Tgt Ion:240 Resp: 215594

Ion	Ratio	Lower	Upper
240	100		
120	14.4	12.9	19.3
236	26.5	20.9	31.3



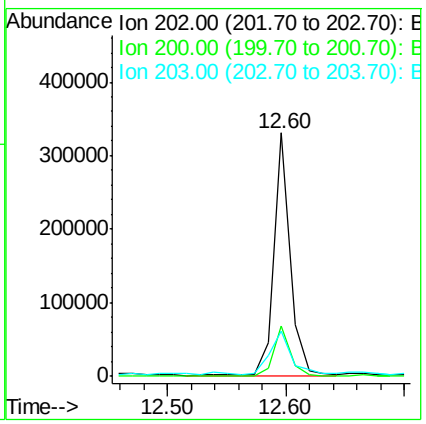


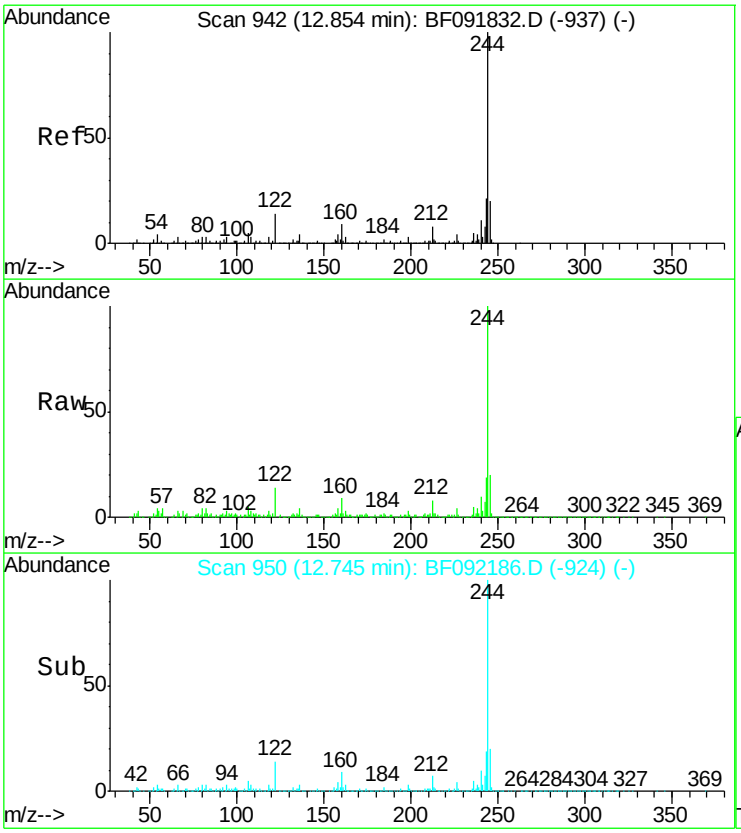
#77
Pyrene
Concen: 19.85 ng
RT: 12.60 min Scan# 937
Delta R.T. 0.01 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
P3-SP8RE

Tgt Ion:202 Resp: 314046

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.7	26.5
203	18.7	14.7	22.1

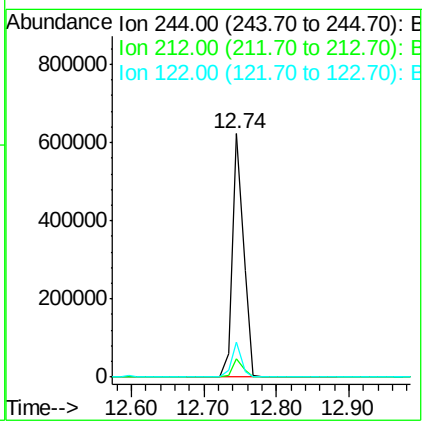


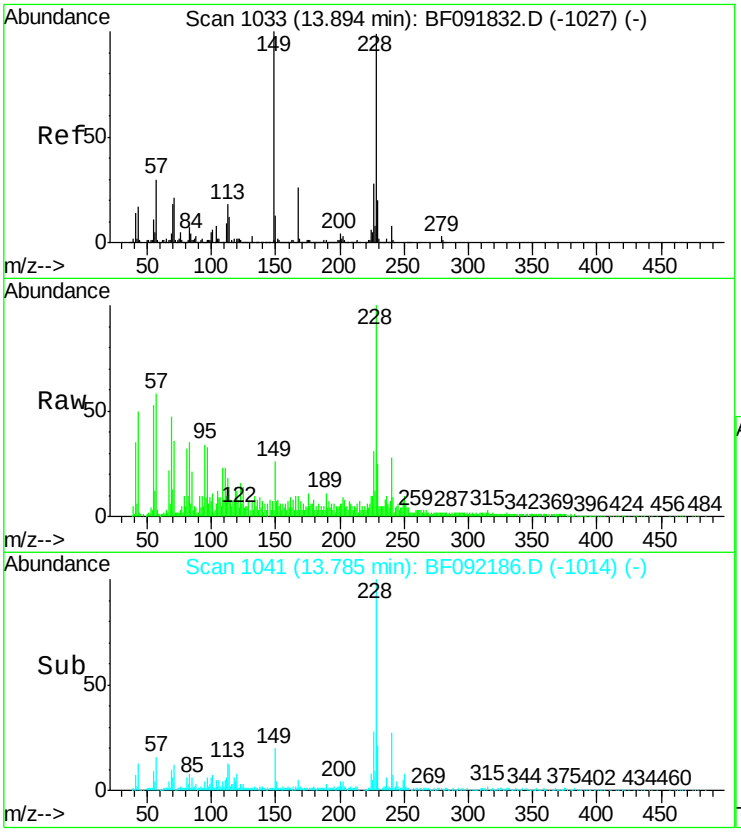


#78
Terphenyl-d14
Concen: 74.47 ng
RT: 12.74 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Tgt Ion:244 Resp: 661977

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	14.2	11.4	17.2



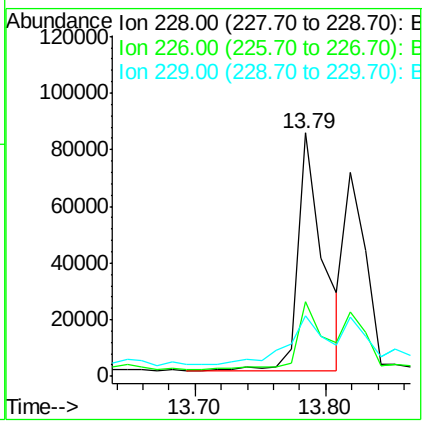


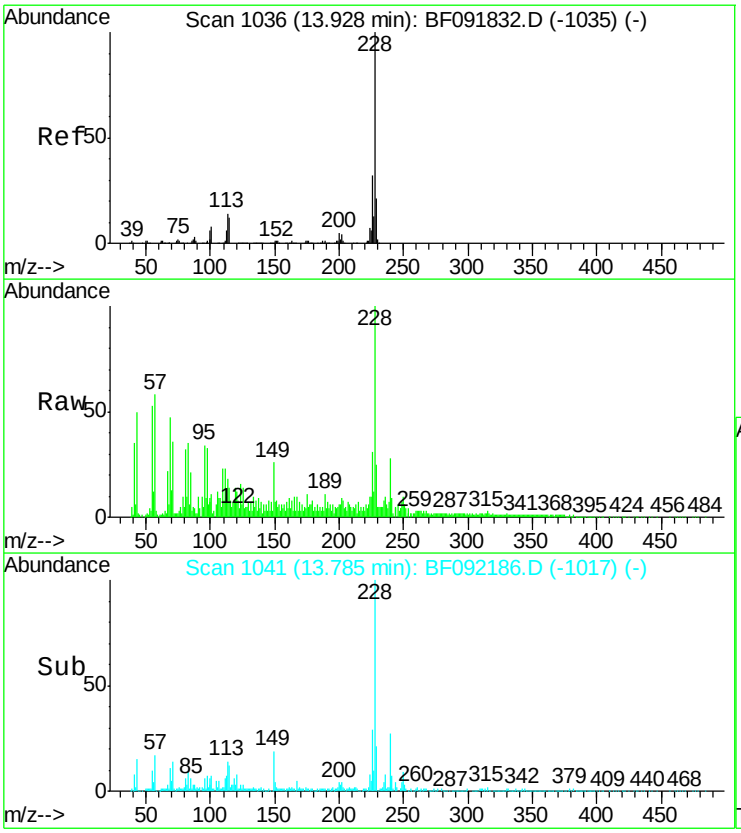
#80
Benzo(a)anthracene
Concen: 9.27 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
P3-SP8RE

Tgt Ion:228 Resp: 112835

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.4	33.6
229	24.8	16.2	24.4#

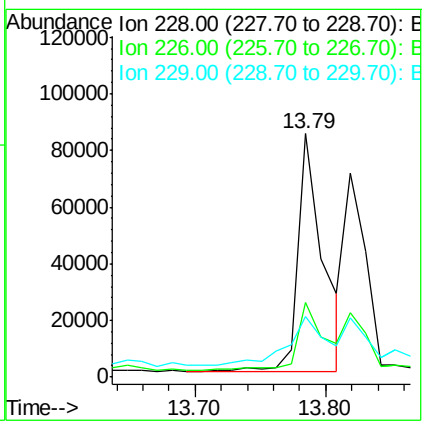


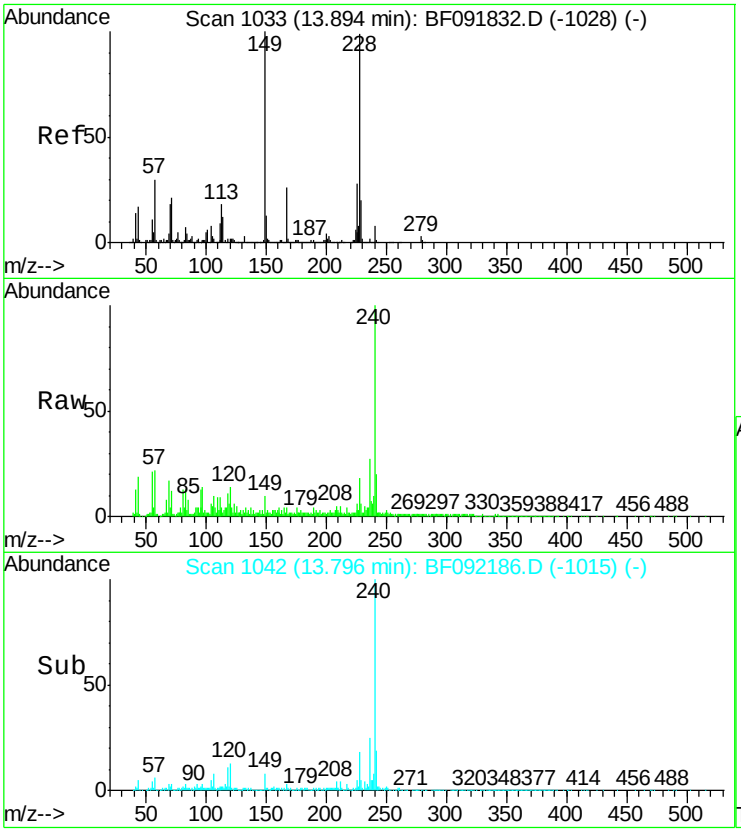


#82
Chrysene
Concen: 9.24 ng
RT: 13.79 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Tgt Ion:228 Resp: 112835

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.0
229	24.8	16.2	24.2#



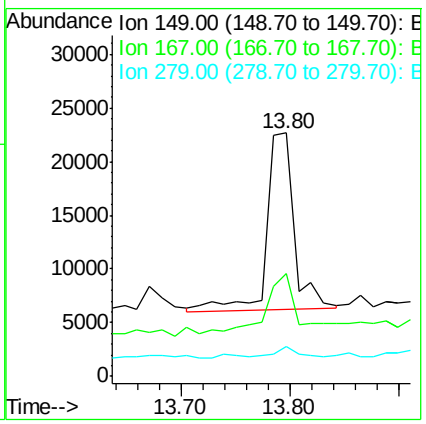


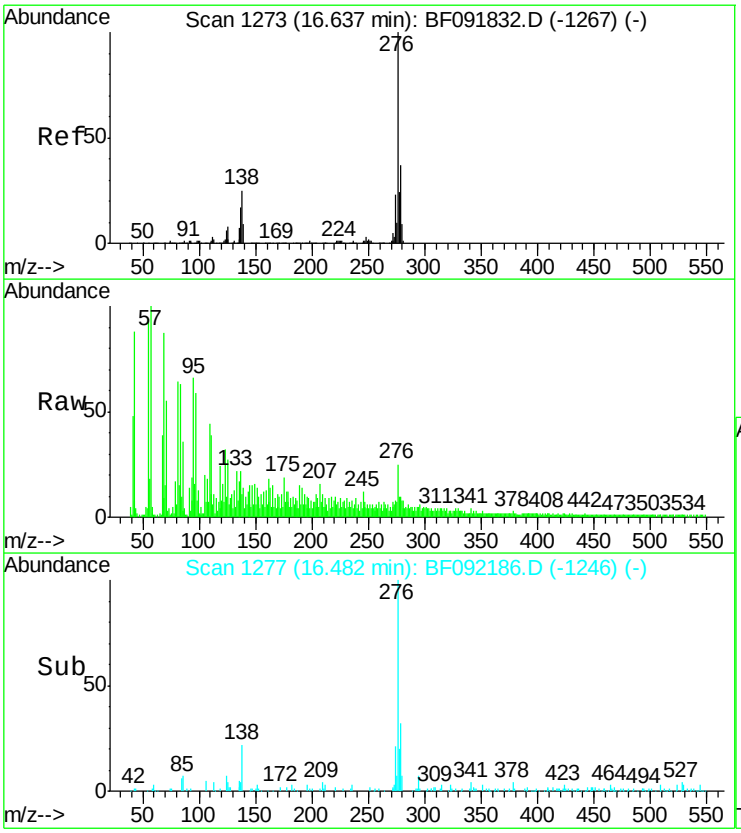
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.42 ng
RT: 13.80 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
P3-SP8RE

Tgt Ion:149 Resp: 28935

Ion	Ratio	Lower	Upper
149	100		
167	42.3	20.2	30.4#
279	12.2	1.8	2.8#

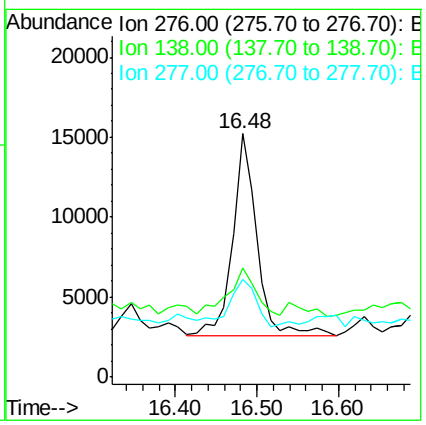


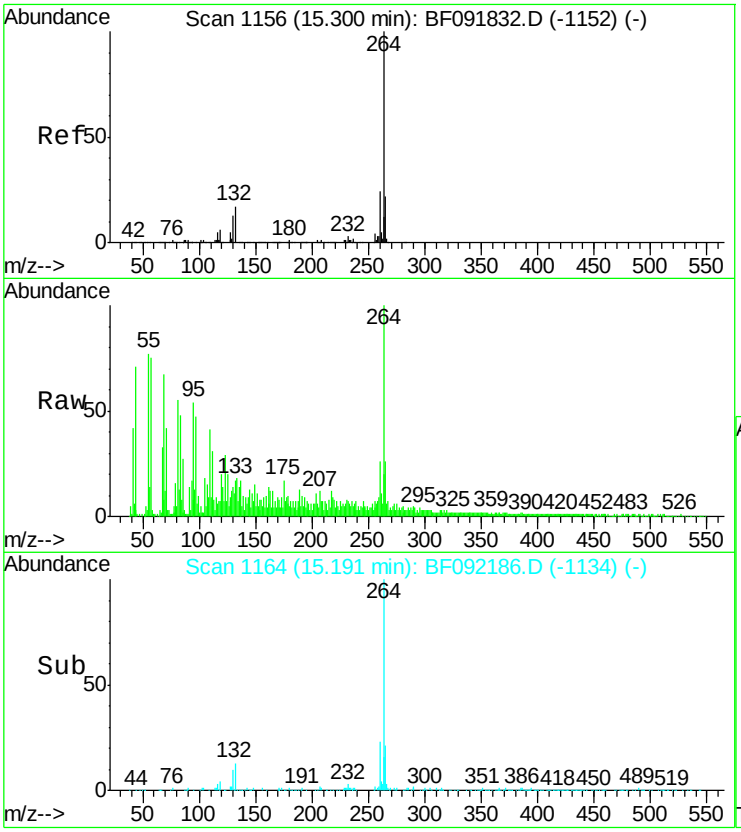


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.47 ng
RT: 16.48 min Scan# 1277
Delta R.T. 0.06 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Tgt Ion:276 Resp: 26107

Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.8	32.6
277	23.2	20.2	30.4



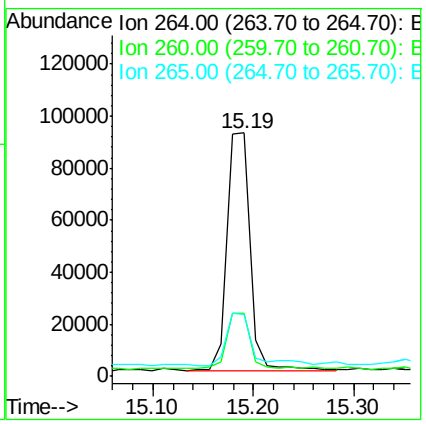


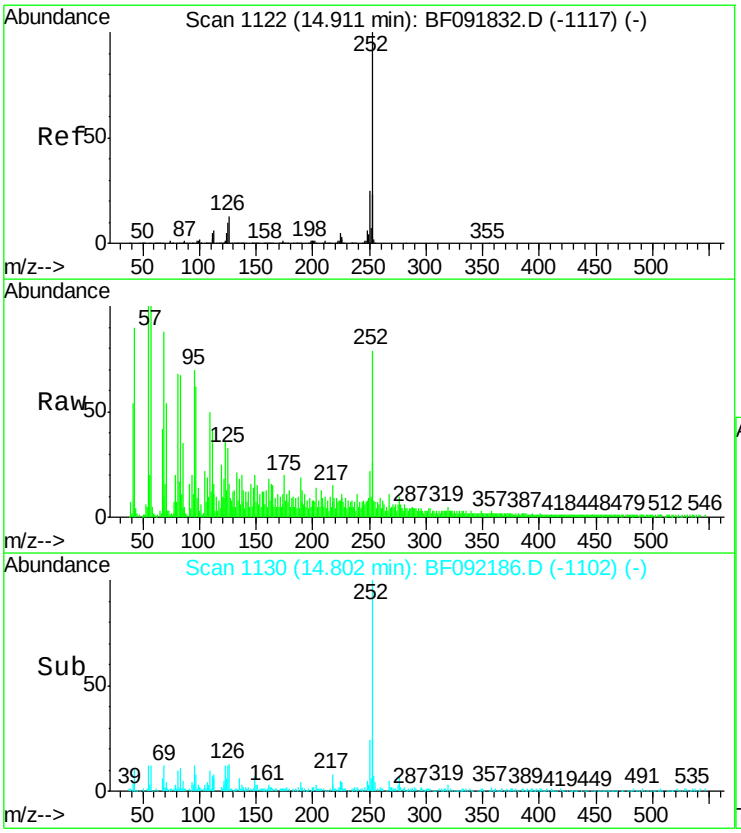
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1164
Delta R.T. 0.05 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
P3-SP8RE

Tgt Ion:264 Resp: 144221

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.2	28.8
265	25.5	17.4	26.0

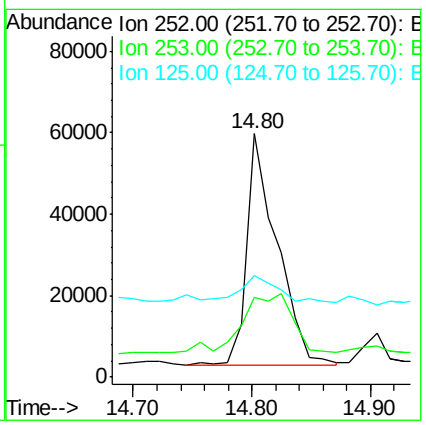


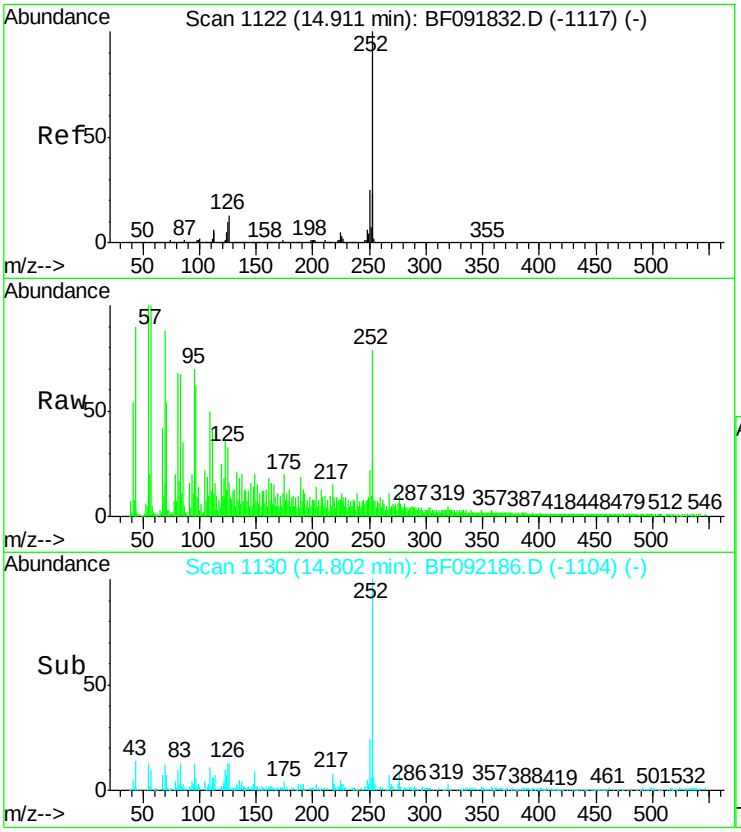


#87
Benzo(b)fluoranthene
Concen: 11.31 ng
RT: 14.80 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Tgt Ion:252 Resp: 101538

Ion	Ratio	Lower	Upper
252	100		
253	32.9	18.2	27.4#
125	41.5	9.8	14.6#



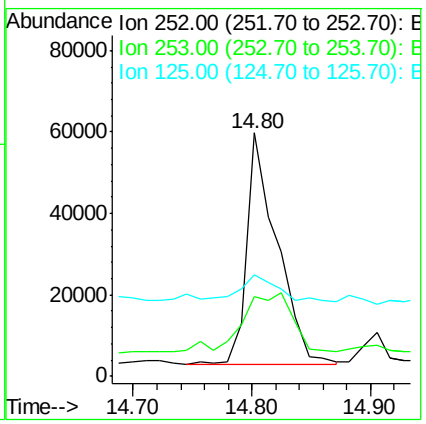


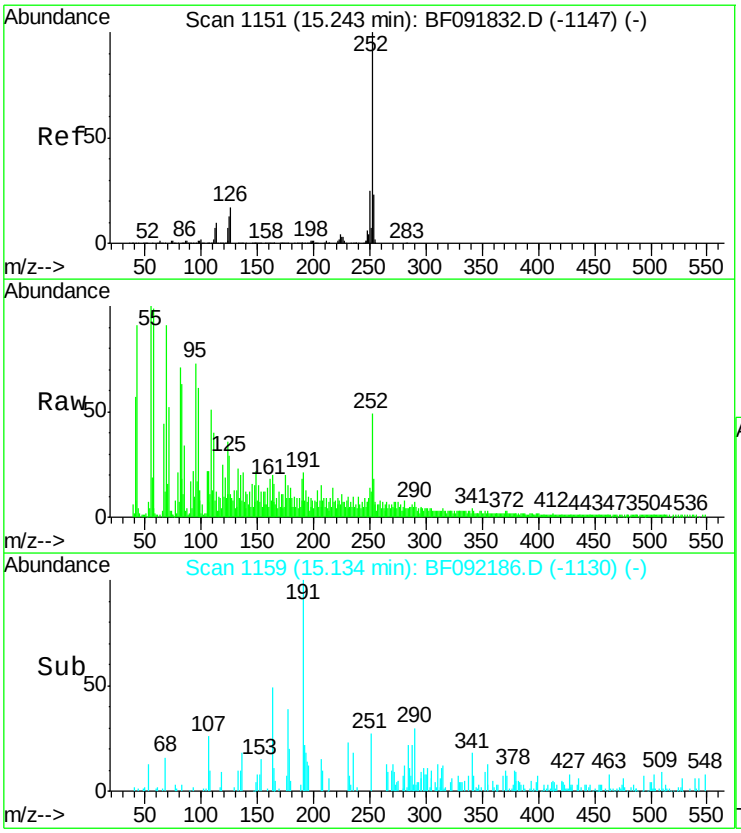
#88
Benzo(k)fluoranthene
Concen: 13.26 ng
RT: 14.80 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
P3-SP8RE

Tgt Ion:252 Resp: 101538

Ion	Ratio	Lower	Upper
252	100		
253	32.9	18.5	27.7#
125	41.5	8.9	13.3#

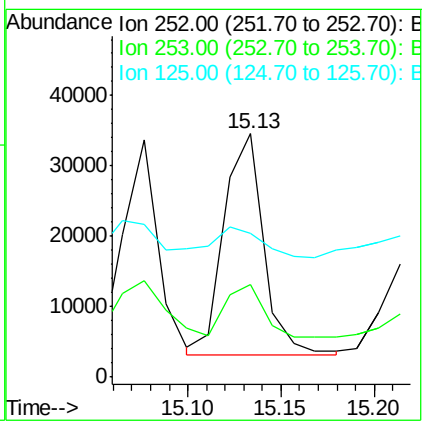


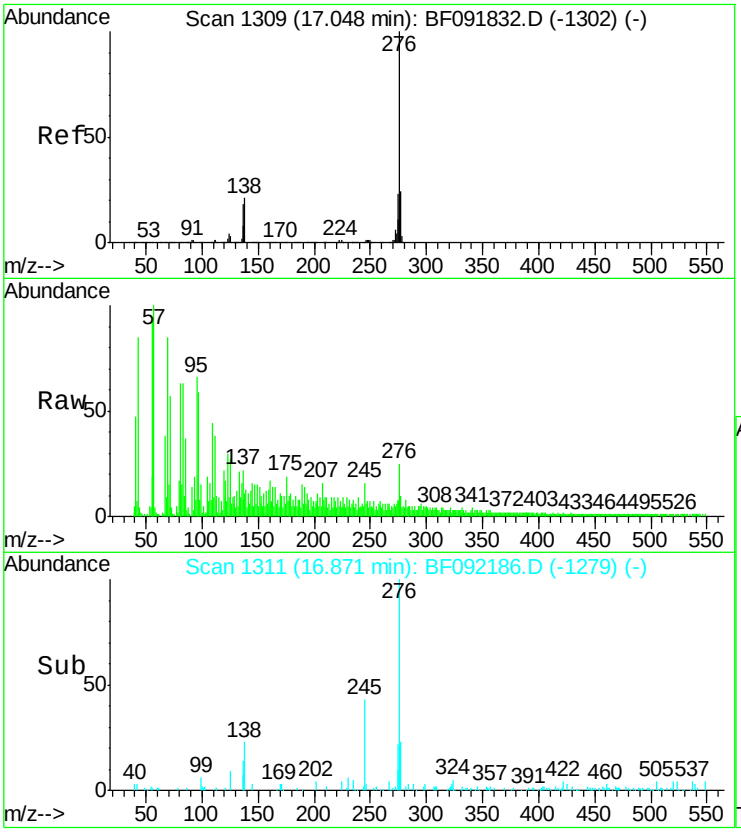


#89
Benzo(a)pyrene
Concen: 5.86 ng
RT: 15.13 min Scan# 1159
Delta R.T. 0.03 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Tgt Ion:252 Resp: 46738

Ion	Ratio	Lower	Upper
252	100		
253	37.9	18.2	27.2#
125	59.2	10.0	15.0#





#91
Benzo(g,h,i)perylene
Concen: 3.98 ng
RT: 16.87 min Scan# 1311
Delta R.T. 0.07 min
Lab File: BF092186.D
Acq: 10 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
P3-SP8RE

Tgt Ion:276 Resp: 27143

Ion	Ratio	Lower	Upper
276	100		
277	40.5	19.2	28.8#
138	45.6	16.0	24.0#