Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092270.D
Acq On : 14 Jan 2017 4:30
Operator : UM/SJ
Sample : I1147-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-101-0-2

Quant Time: Jan 16 01:33:03 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 01:02:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	176272	20.00	ng		-0.01
21) Naphthalene-d8	7.86	136	709281	20.00	ng		-0.02
38) Acenaphthene-d10	9.60	164	307108	20.00	ng		-0.02
63) Phenanthrene-d10	11.09	188	368691	20.00	ng		-0.01
75) Chrysene-d12	13.72	240	319767	20.00	ng		-0.01
86) Perylene-d12	15.07	264	266144	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	1249803	118.39	ng		0.00
7) Phenol-d6	6.24	99	1536808	119.23	ng		-0.01
23) Nitrobenzene-d5	7.15	82	1033408	81.02	ng		-0.01
41) 2,4,6-Tribromophenol	10.40	330	255067	100.36	ng		-0.01
44) 2-Fluorobiphenyl	8.94	172	1304301	87.38	ng		-0.01
78) Terphenyl-d14	12.67	244	851377	64.57	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.26	94	107730	7.33	ng	#	73
19) n-Nitroso-di-n-propylamine	7.15	70	136830	15.96	ng	#	76
25) Isophorone	7.15	82	1029625	43.75	ng	#	65
49) Dimethylphthalate	9.34	163	255920	13.03	ng		99
51) Acenaphthene	9.64	154	35042	2.02	ng		95
55) 4-Nitrophenol	9.81	139	7524	2.08	ng	#	11
56) 2,4-Dinitrotoluene	9.60	165	40133	7.44	ng	#	20
66) 4-Bromophenyl-phenylether	10.40	248	15376	4.01	ng	#	1
70) Phenanthrene	11.11	178	272720	13.64	ng		96
71) Anthracene	11.16	178	77305	2.82	ng		97
73) Di-n-butylphthalate	11.66	149	3778	Below Cal		#	64
74) Fluoranthene	12.29	202	402674	20.91	ng		96
76) Benzidine	12.42	184	704	Below Cal		#	1
77) Pyrene	12.52	202	365884	15.60	ng		97
80) Benzo(a)anthracene	13.71	228	210098	11.64	ng		99
82) Chrysene	13.71	228	210098	11.60	ng		96
85) Indeno(1,2,3-cd)pyrene	16.30	276	72169	4.60	ng	#	90
87) Benzo(b)fluoranthene	14.71	252	275964	16.65	ng		98
88) Benzo(k)fluoranthene	14.71	252	275964	19.53	ng		98
89) Benzo(a)pyrene	15.02	252	143574	9.76	ng		98
91) Benzo(g,h,i)perylene	16.67	276	65703	5.23	ng	#	94

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

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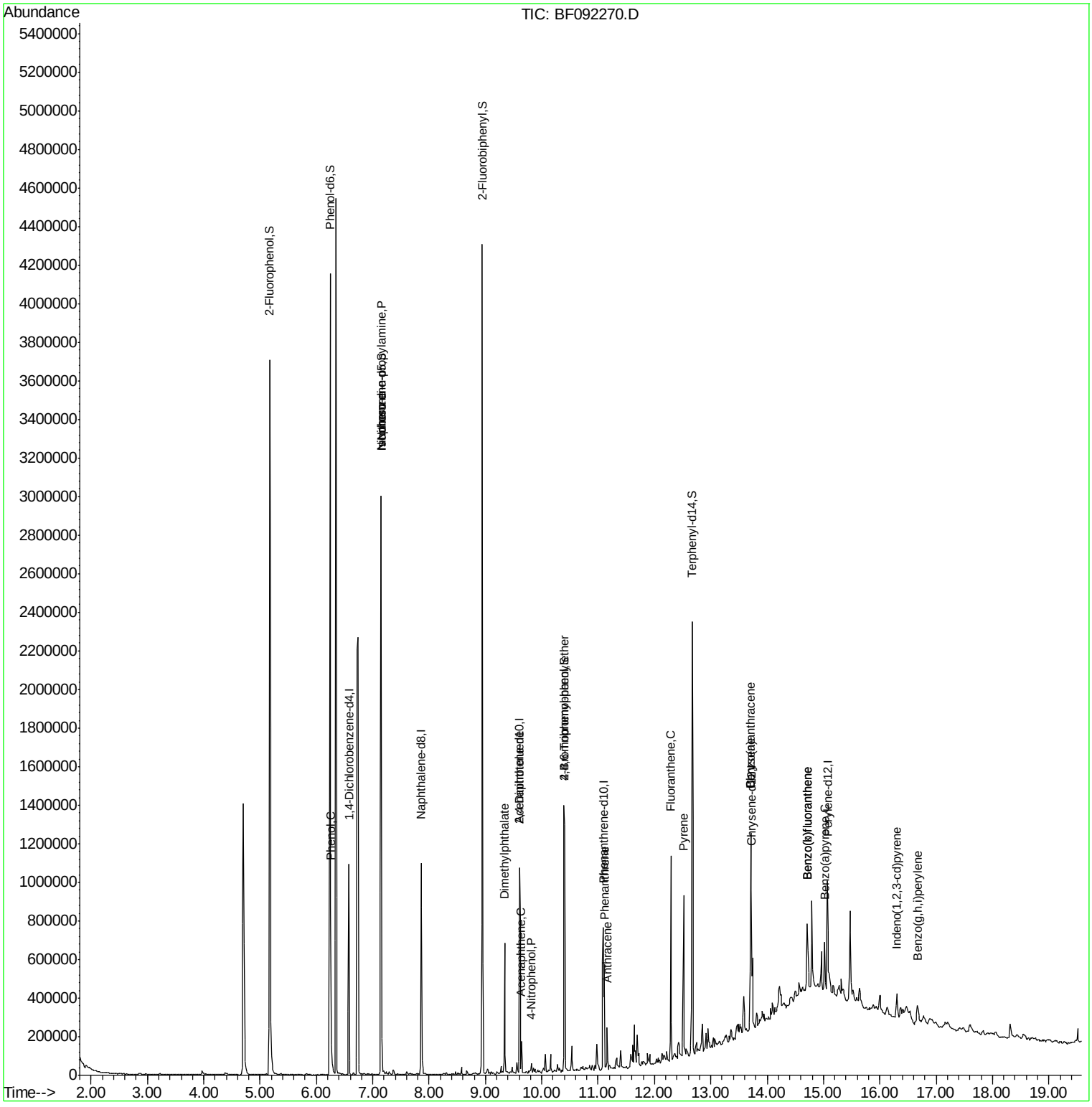
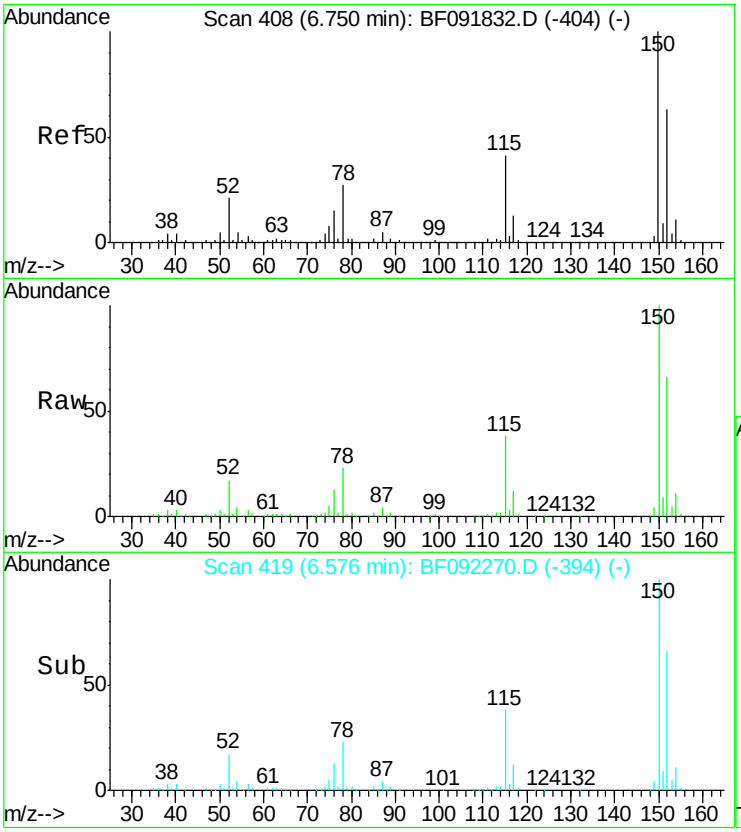


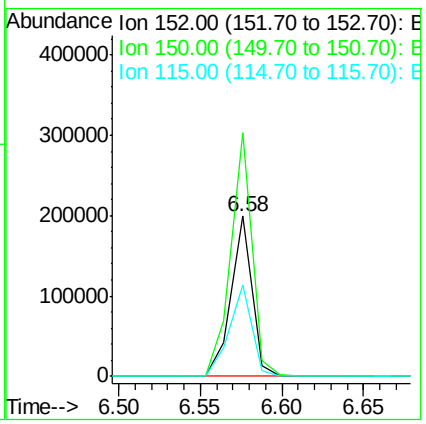


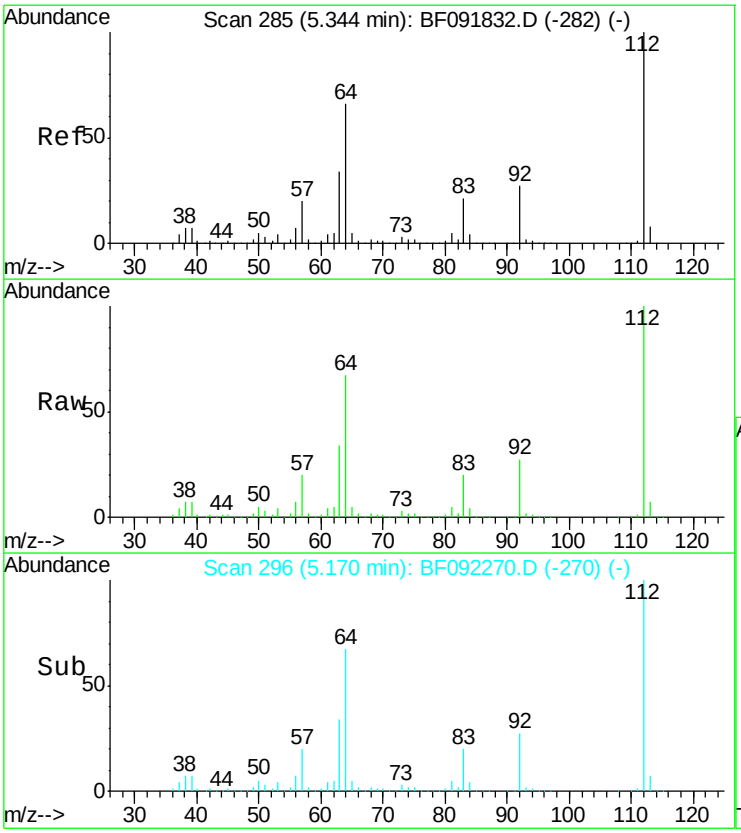
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Instrument :
BNA_F
ClientSampleId :
TOD-SB-101-0-2

Tgt Ion:152 Resp: 176272

Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.9	187.3
115	57.1	46.0	69.0

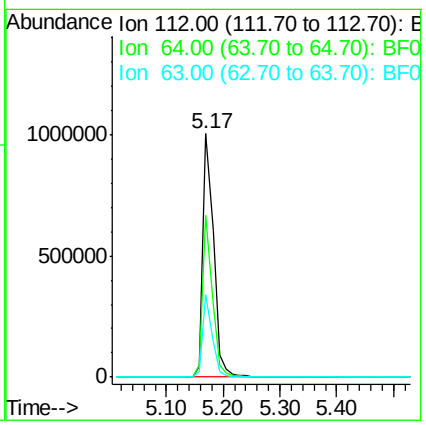


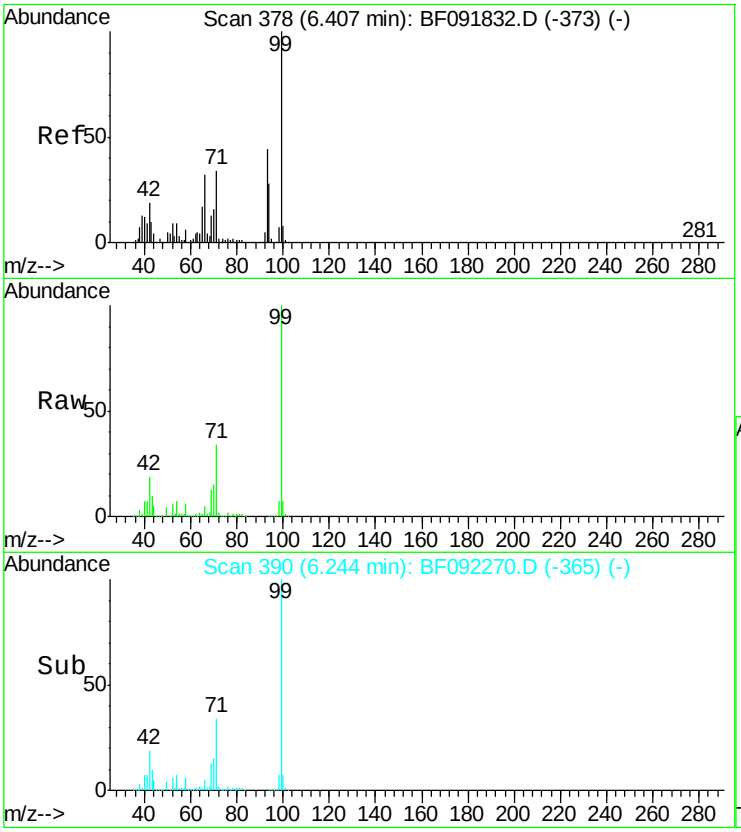


#5
2-Fluorophenol
Concen: 118.39 ng
RT: 5.17 min Scan# 296
Delta R.T. 0.00 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Tgt Ion:112 Resp: 1249803

Ion	Ratio	Lower	Upper
112	100		
64	66.5	46.1	69.1
63	33.9	23.8	35.6



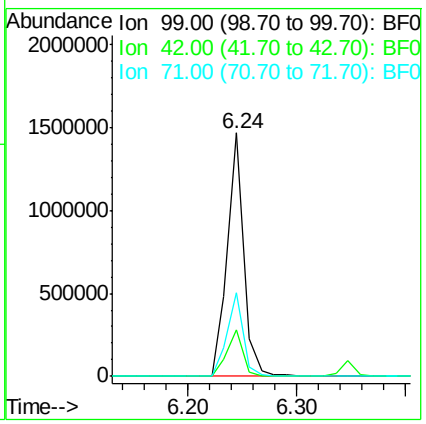


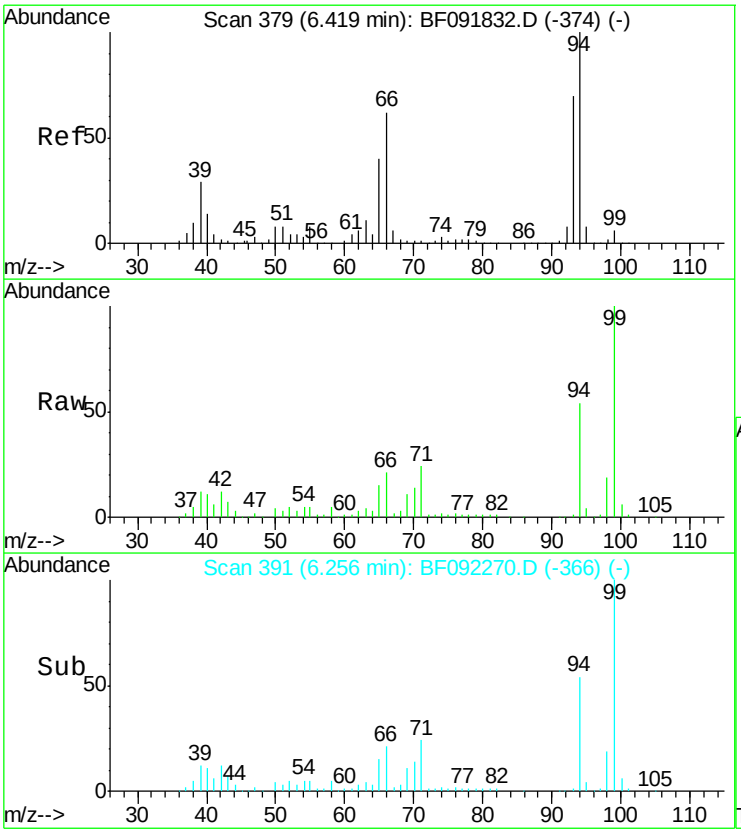
#7
Phenol-d6
Concen: 119.23 ng
RT: 6.24 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Instrument :
BNA_F
ClientSampleId :
TOD-SB-101-0-2

Tgt Ion: 99 Resp: 1536808

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.6	23.4
71	34.1	27.5	41.3

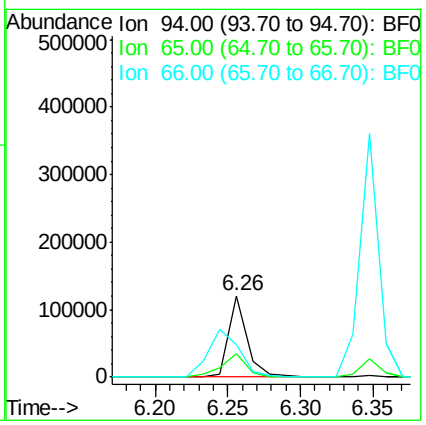


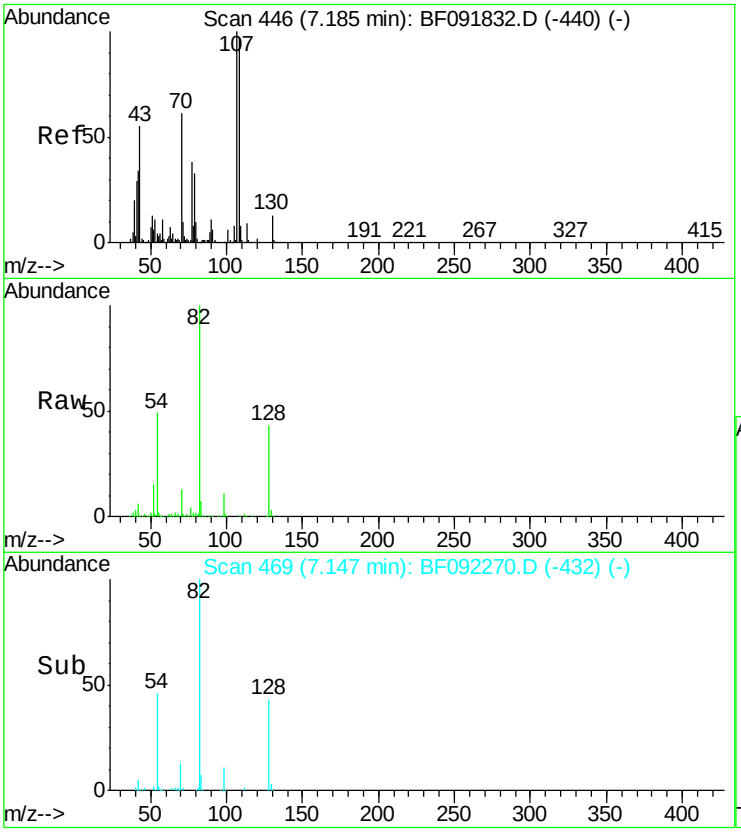


#10
Phenol
Concen: 7.33 ng
RT: 6.26 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Tgt Ion: 94 Resp: 107730

Ion	Ratio	Lower	Upper
94	100		
65	28.4	21.4	61.4
66	39.3	44.0	84.0#



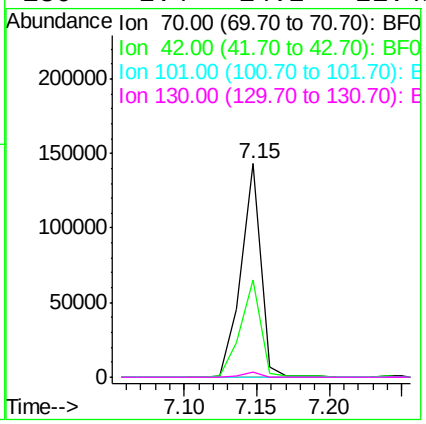


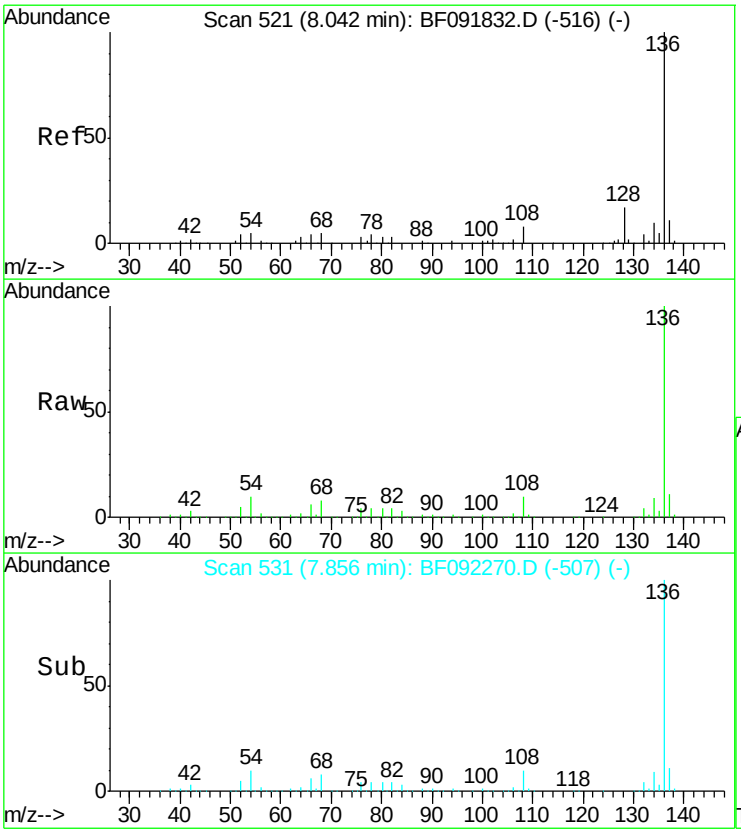
#19
n-Nitroso-di-n-propylamine
Concen: 15.96 ng
RT: 7.15 min Scan# 469
Delta R.T. 0.13 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Instrument :
BNA_F
ClientSampleId :
TOD-SB-101-0-2

Tgt Ion: 70 Resp: 136830

Ion	Ratio	Lower	Upper
70	100		
42	45.5	49.4	74.0#
101	0.0	7.4	11.2#
130	2.4	14.2	21.4#

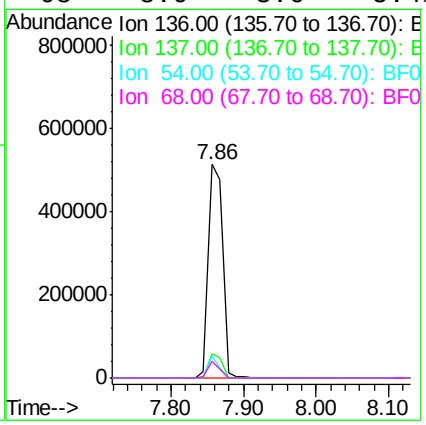


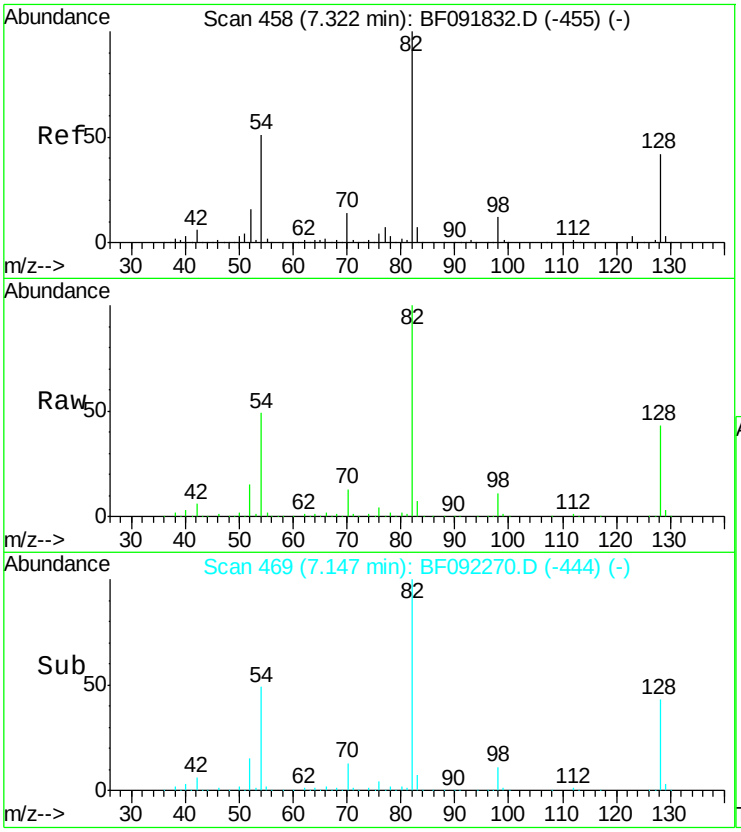


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Tgt Ion:136 Resp: 709281

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	10.4	4.5	6.7#
68	8.0	3.6	5.4#



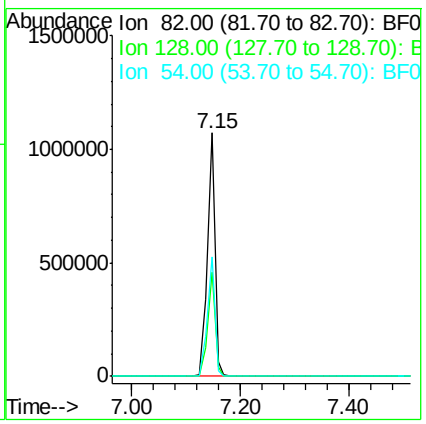


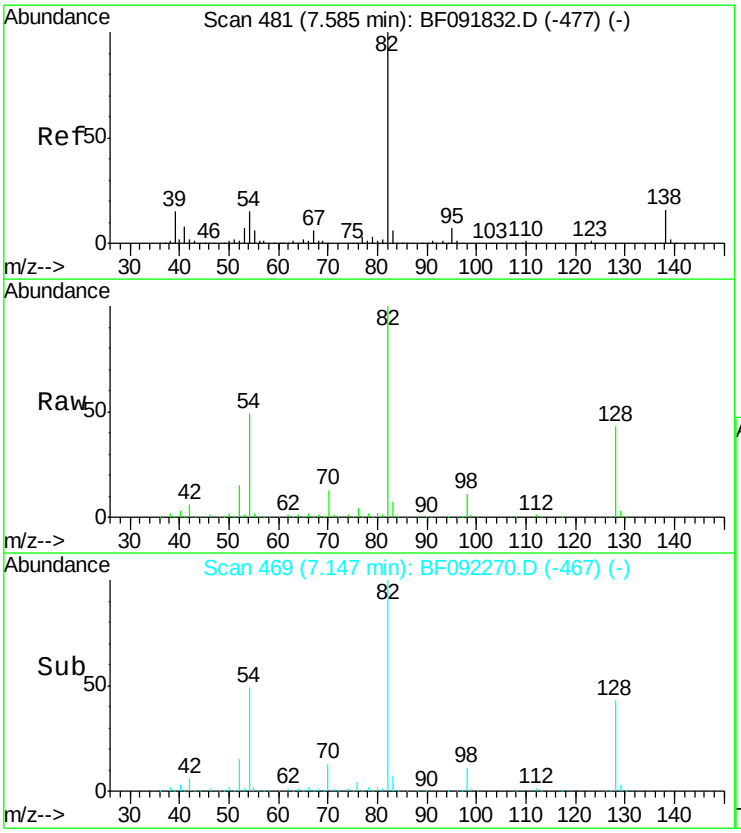
#23
Nitrobenzene-d5
Concen: 81.02 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Instrument :
BNA_F
ClientSampleId :
TOD-SB-101-0-2

Tgt Ion: 82 Resp: 1033408

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	52.0
54	49.3	39.5	59.3

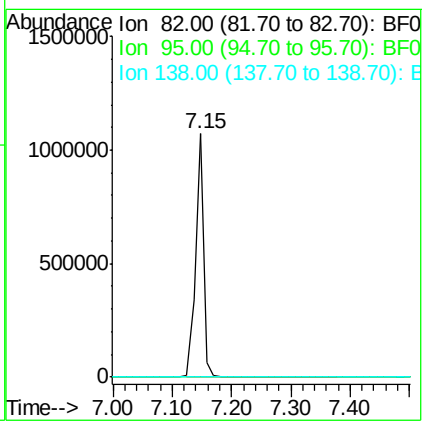


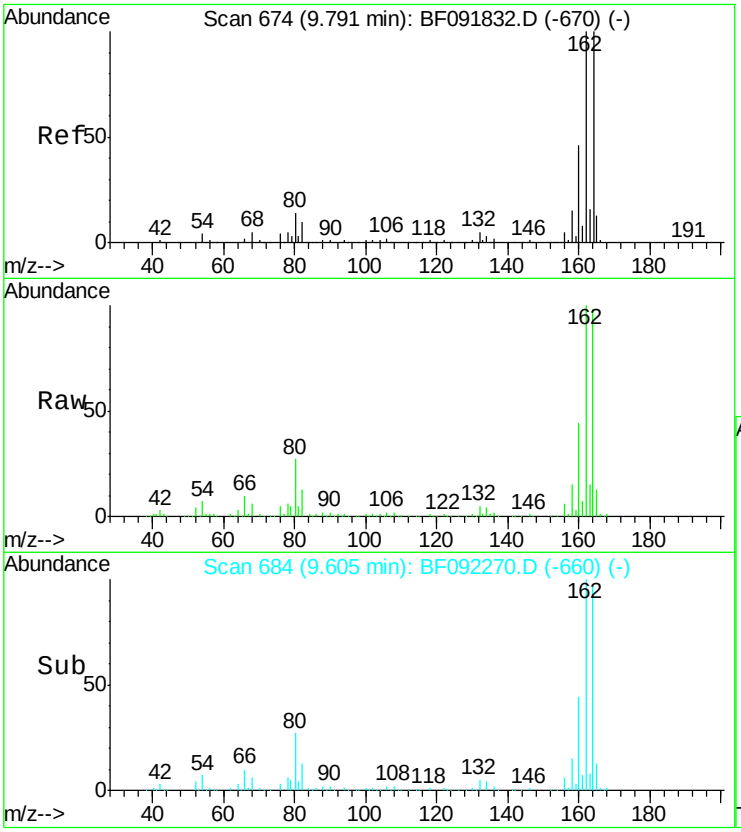


#25
Isophorone
Concen: 43.75 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.27 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Tgt Ion: 82 Resp: 1029625

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



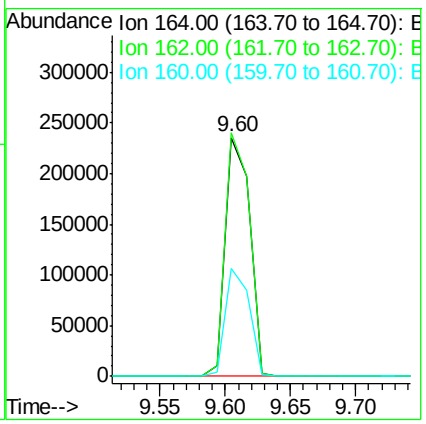


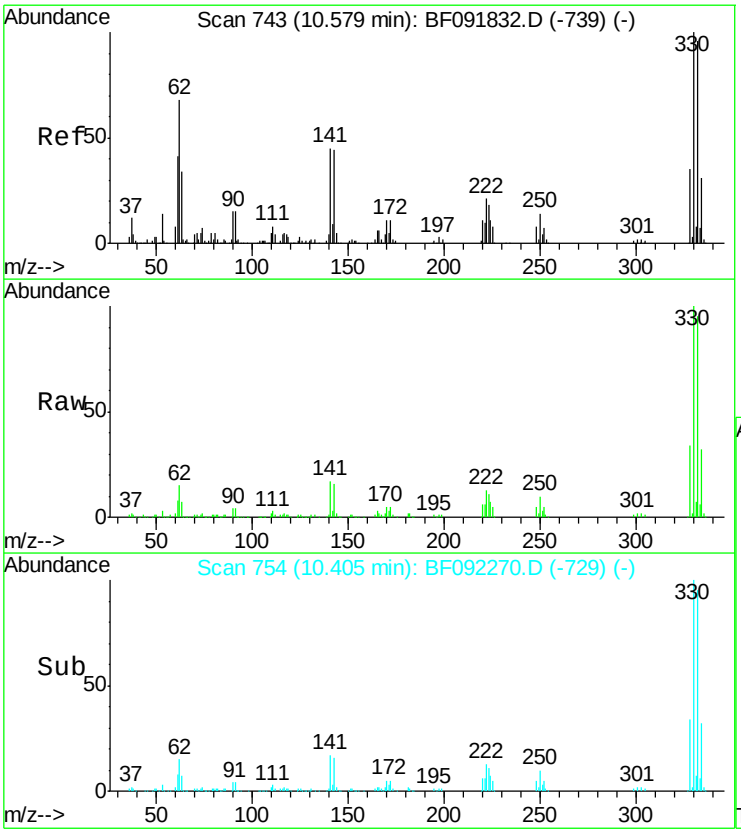
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Instrument :
BNA_F
ClientSampleId :
TOD-SB-101-0-2

Tgt Ion:164 Resp: 307108

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.2
160	45.0	36.9	55.3

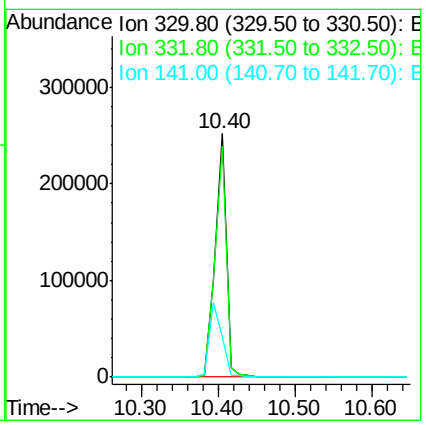


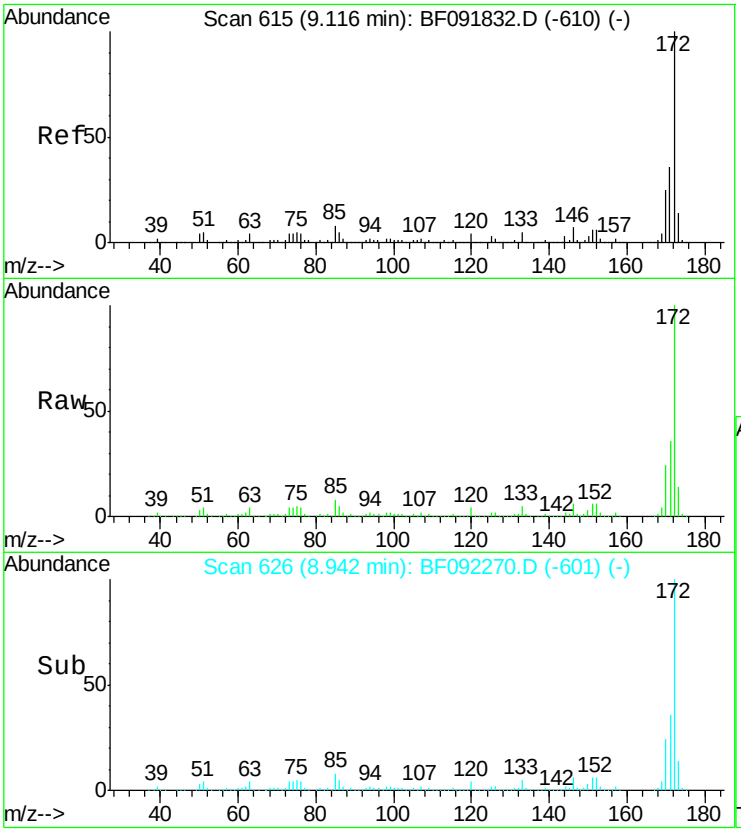


#41
2,4,6-Tribromophenol
Concen: 100.36 ng
RT: 10.40 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Tgt Ion:330 Resp: 255067

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	34.2	34.1	51.1



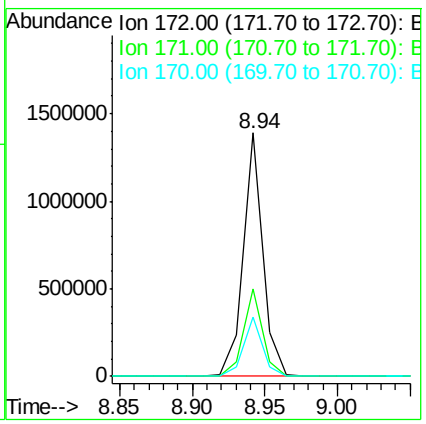


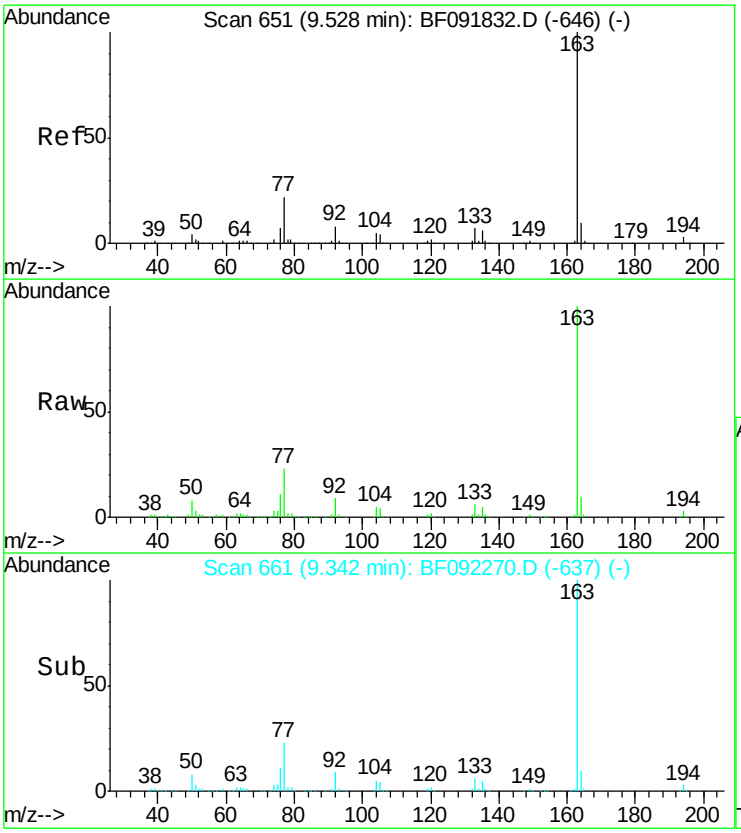
#44
2-Fluorobiphenyl
Concen: 87.38 ng
RT: 8.94 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Instrument :
BNA_F
ClientSampleId :
TOD-SB-101-0-2

Tgt Ion:172 Resp: 1304301

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.3	20.2	30.4

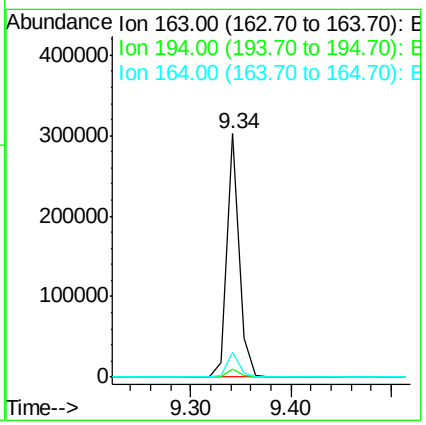


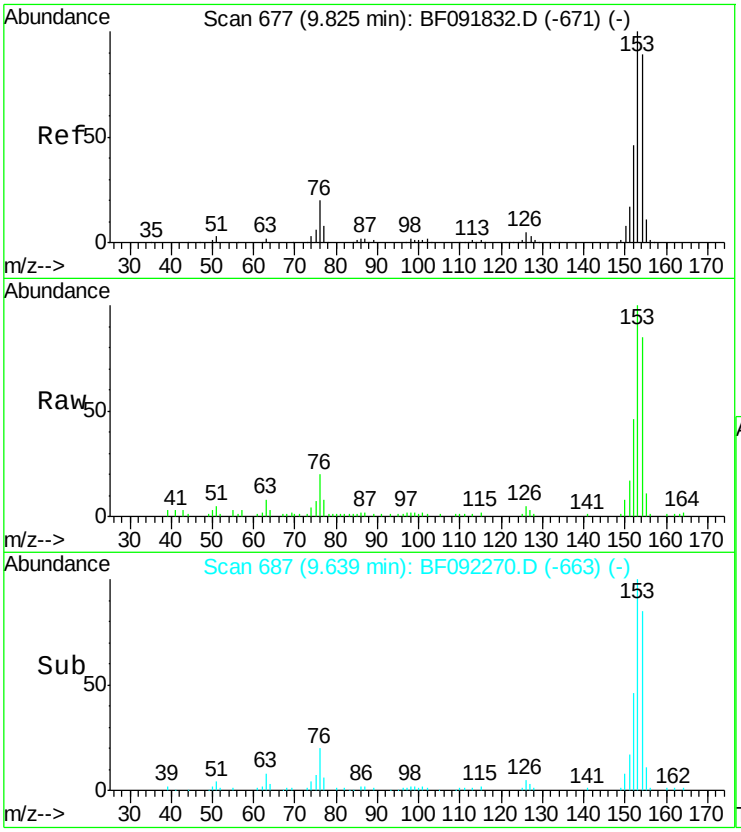


#49
Dimethylphthalate
Concen: 13.03 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Tgt Ion:163 Resp: 255920

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.1	8.0	12.0



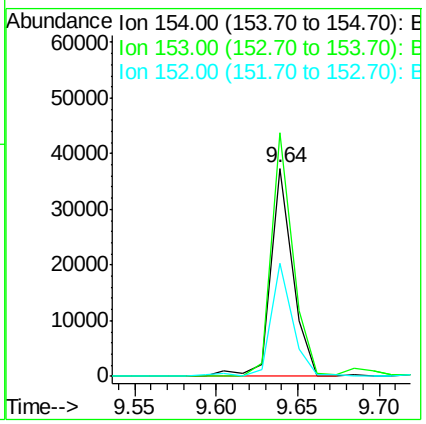


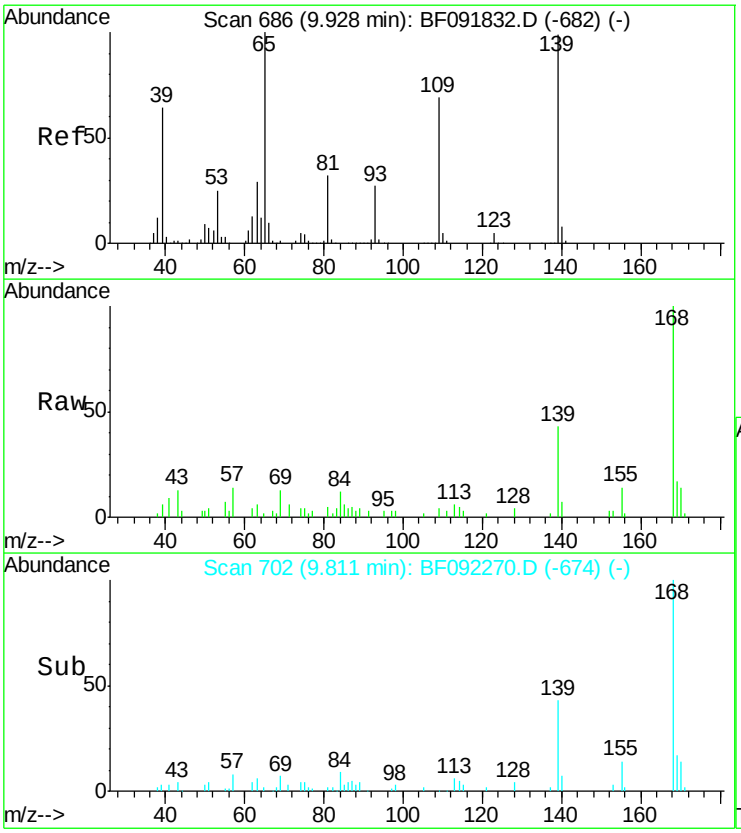
#51
Acenaphthene
Concen: 2.02 ng
RT: 9.64 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Instrument :
BNA_F
ClientSampleId :
TOD-SB-101-0-2

Tgt Ion:154 Resp: 35042

Ion	Ratio	Lower	Upper
154	100		
153	117.0	88.6	133.0
152	54.1	41.6	62.4

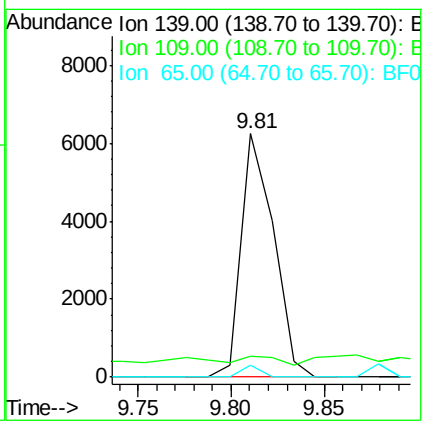


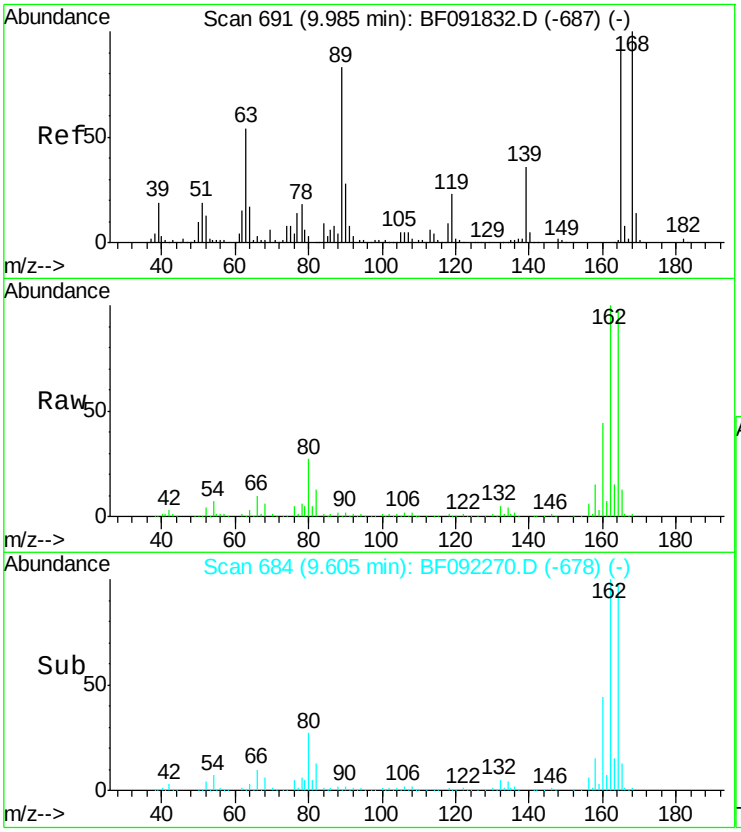


#55
4-Nitrophenol
Concen: 2.08 ng
RT: 9.81 min Scan# 702
Delta R.T. 0.02 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Tgt Ion:139 Resp: 7524

Ion	Ratio	Lower	Upper
139	100		
109	8.5	52.2	92.2#
65	5.0	85.8	125.8#



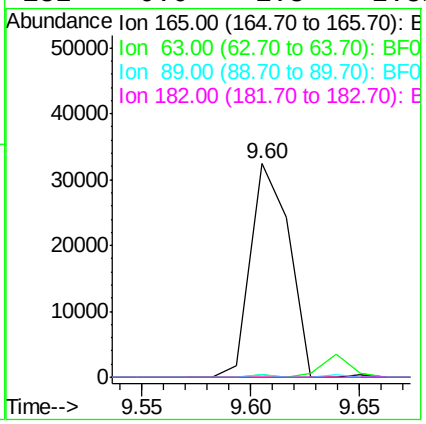


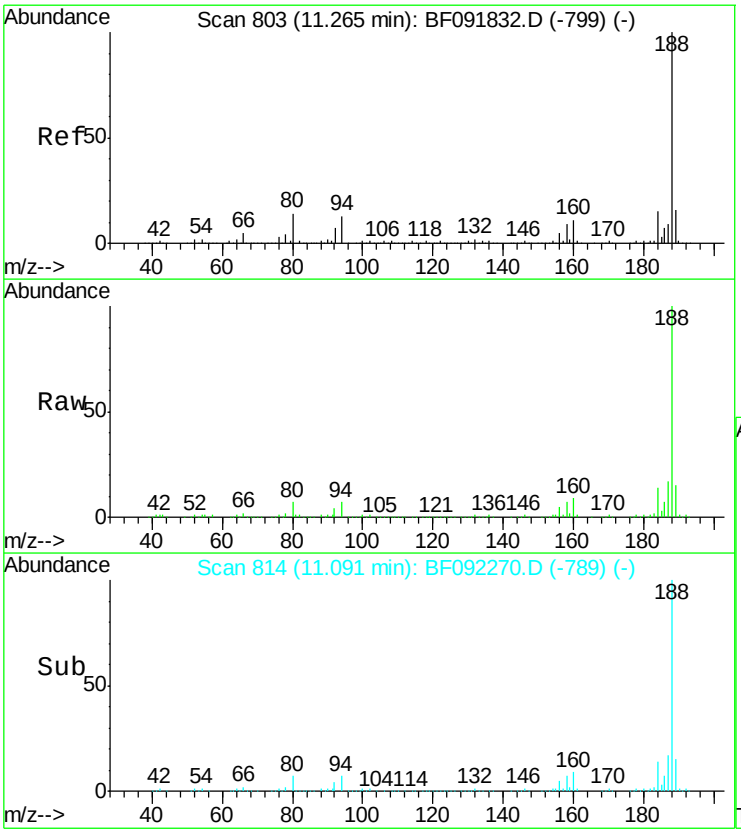
#56
2,4-Dinitrotoluene
Concen: 7.44 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Instrument :
BNA_F
ClientSampleId :
TOD-SB-101-0-2

Tgt Ion:165 Resp: 40133

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#

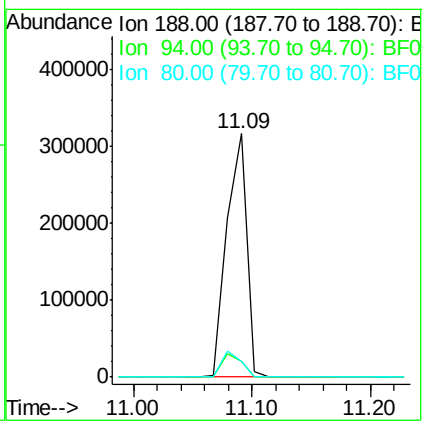


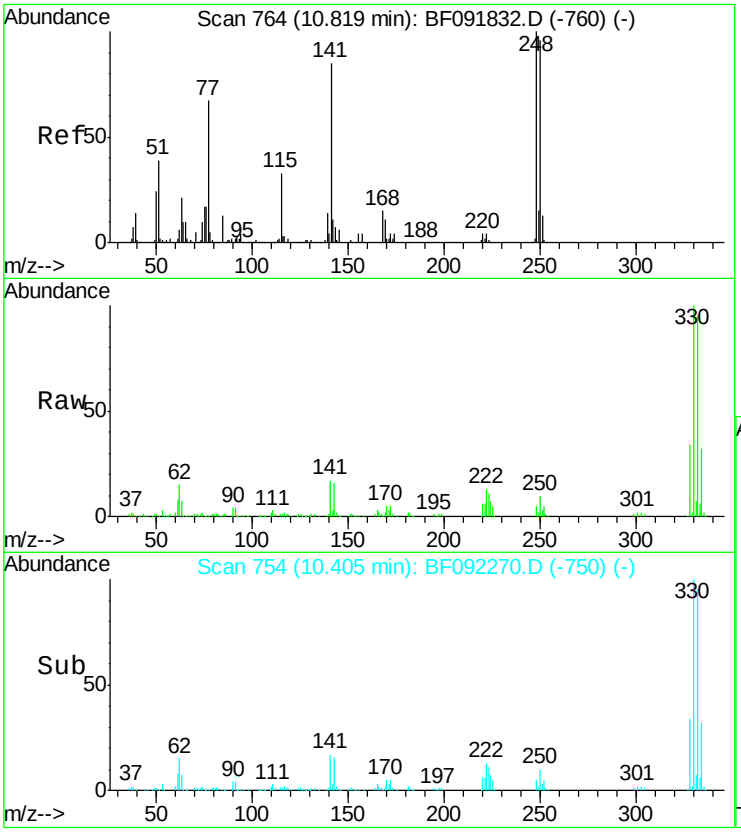


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Tgt Ion:188 Resp: 368691

Ion	Ratio	Lower	Upper
188	100		
94	6.6	10.0	15.0#
80	6.7	11.2	16.8#



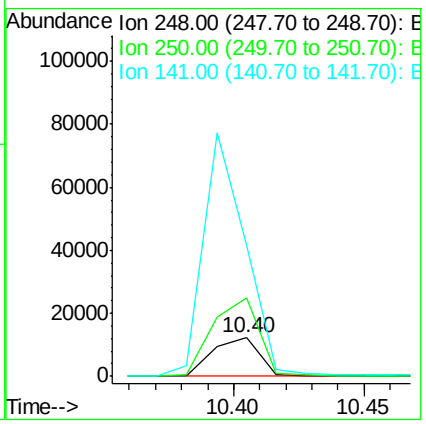


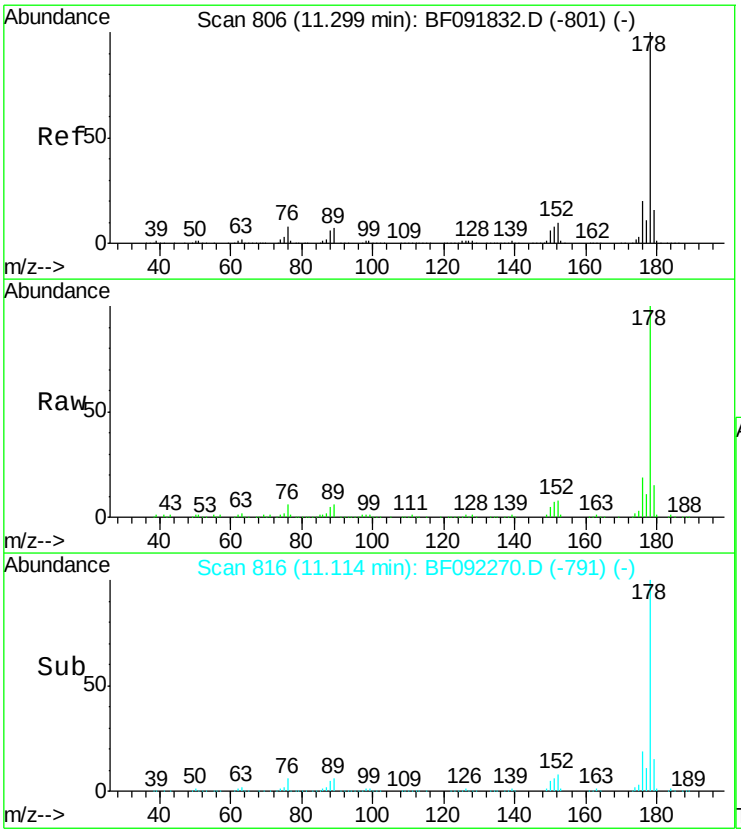
#66
4-Bromophenyl-phenylether
Concen: 4.01 ng
RT: 10.40 min Scan# 754
Delta R.T. -0.25 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Instrument :
BNA_F
ClientSampleId :
TOD-SB-101-0-2

Tgt Ion:248 Resp: 15376

Ion	Ratio	Lower	Upper
248	100		
250	202.1	76.9	115.3#
141	337.9	68.2	102.4#

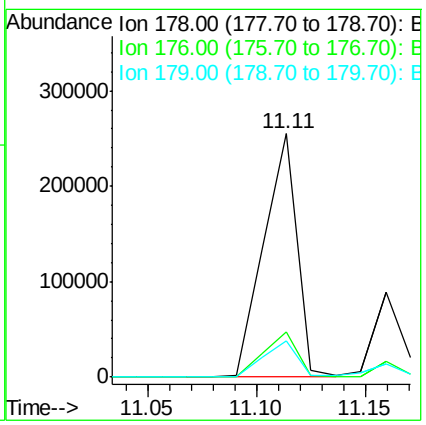


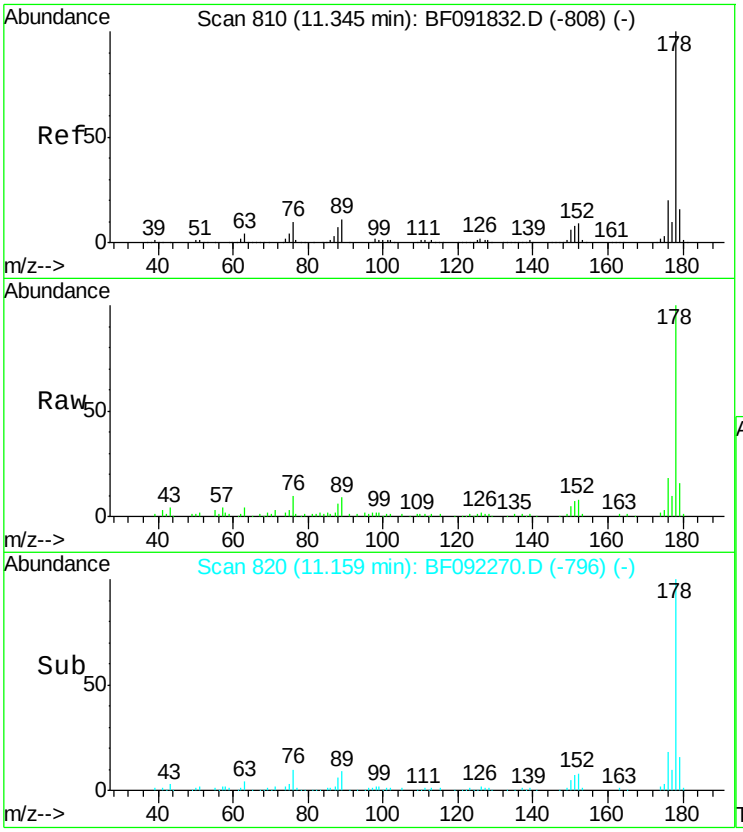


#70
Phenanthrene
Concen: 13.64 ng
RT: 11.11 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Tgt Ion:178 Resp: 272720

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.6	25.0
179	14.7	12.8	19.2



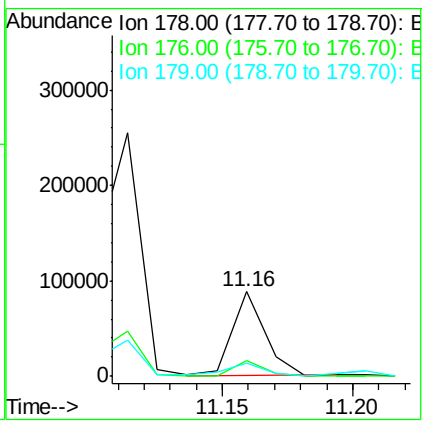


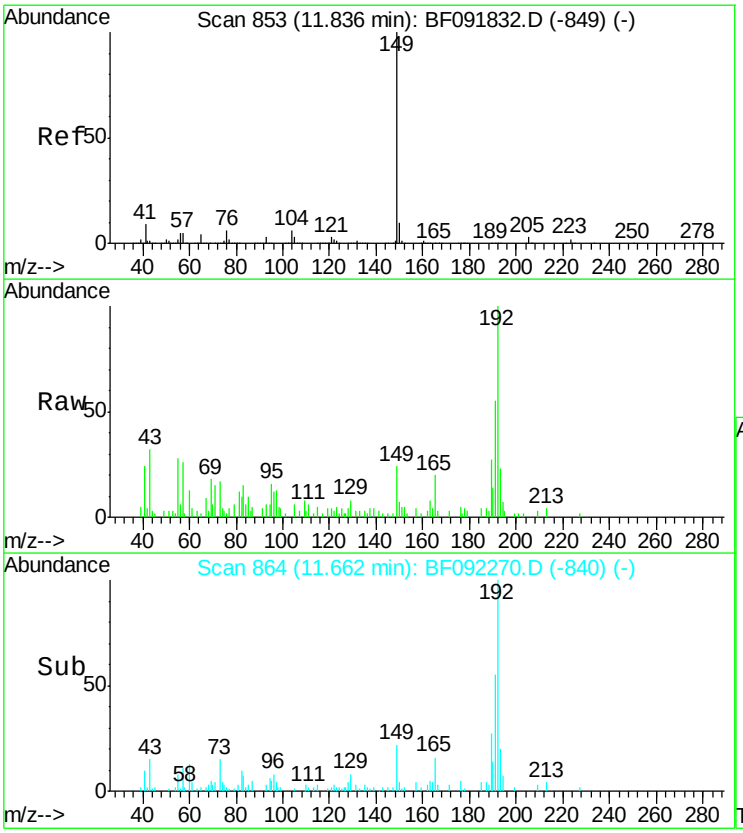
#71
Anthracene
Concen: 2.82 ng
RT: 11.16 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Instrument :
BNA_F
ClientSampleId :
TOD-SB-101-0-2

Tgt Ion:178 Resp: 77305

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.9	23.9
179	16.0	13.2	19.8

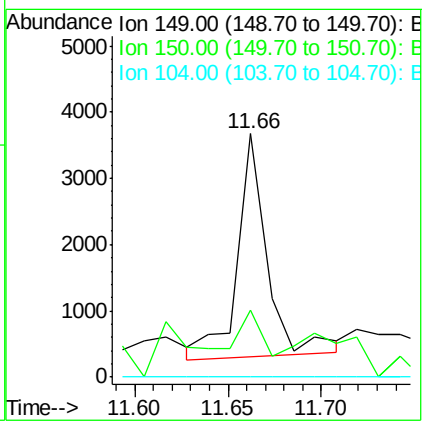


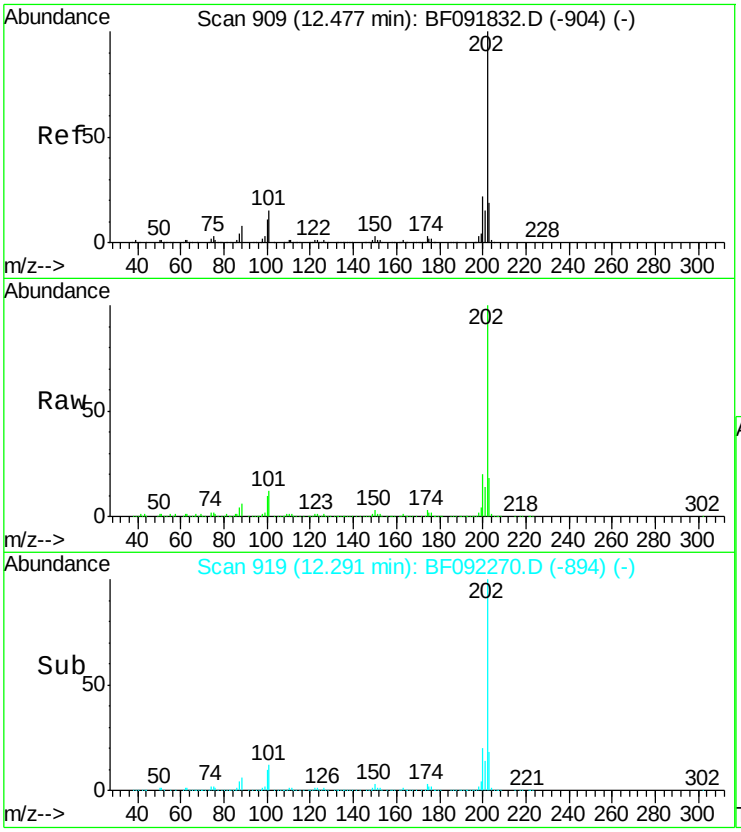


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.66 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Tgt Ion:149 Resp: 3778

Ion	Ratio	Lower	Upper
149	100		
150	27.5	8.1	12.1#
104	0.0	4.6	7.0#



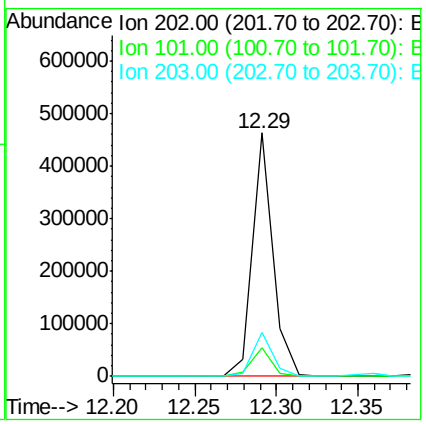


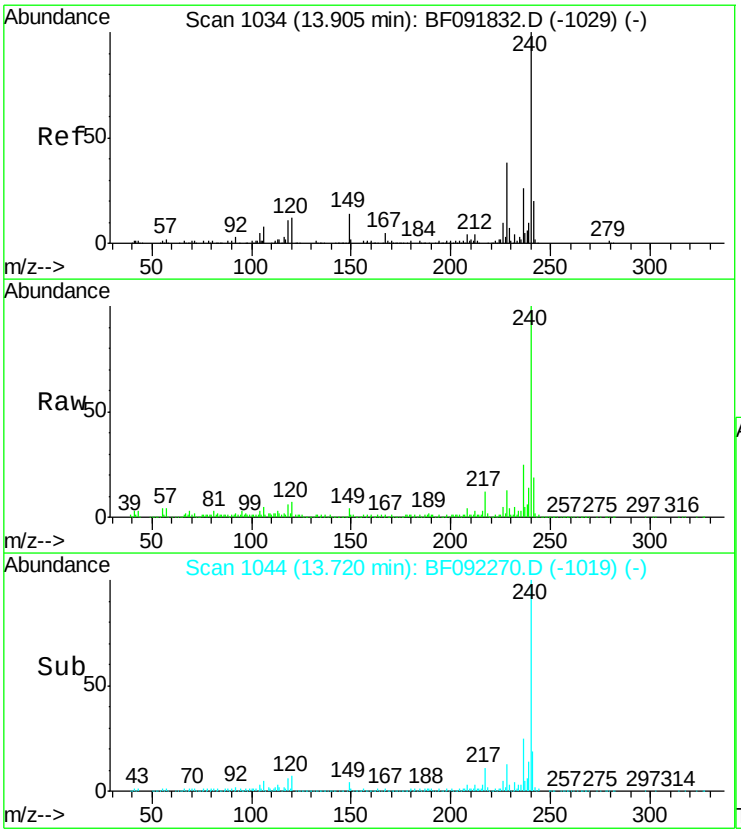
#74
Fluoranthene
Concen: 20.91 ng
RT: 12.29 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Instrument :
BNA_F
ClientSampleId :
TOD-SB-101-0-2

Tgt Ion:202 Resp: 402674

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.6
203	18.1	0.0	38.7

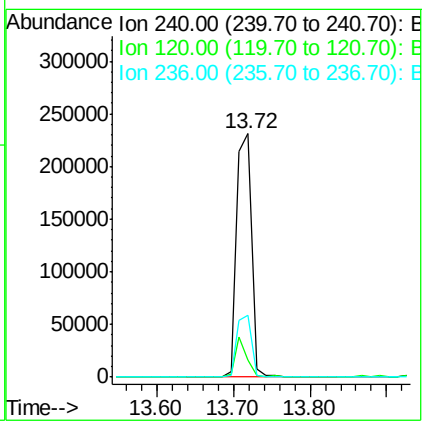


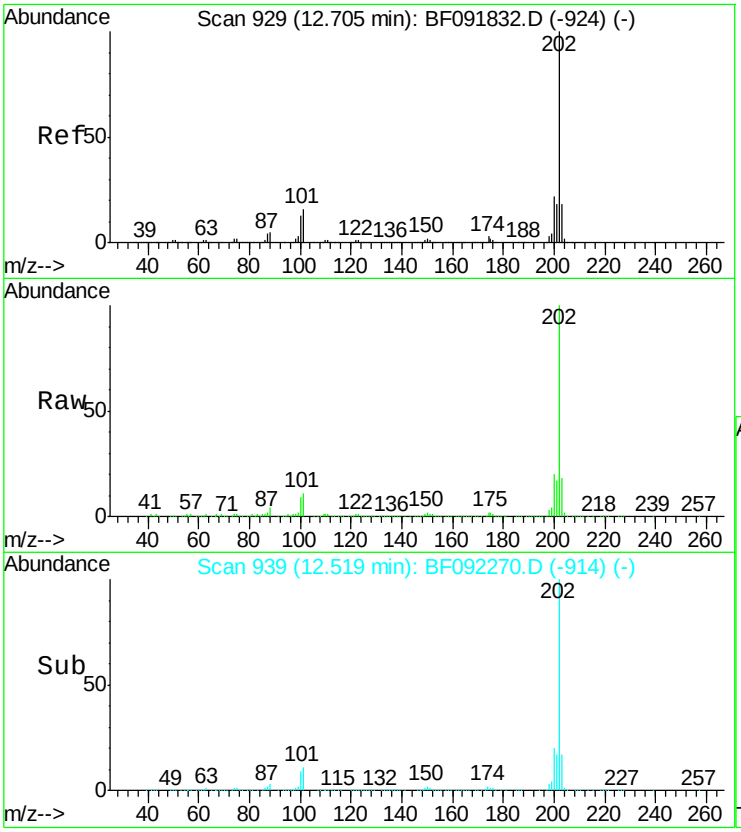


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.72 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Tgt Ion:240 Resp: 319767

Ion	Ratio	Lower	Upper
240	100		
120	7.1	12.9	19.3#
236	25.3	20.9	31.3



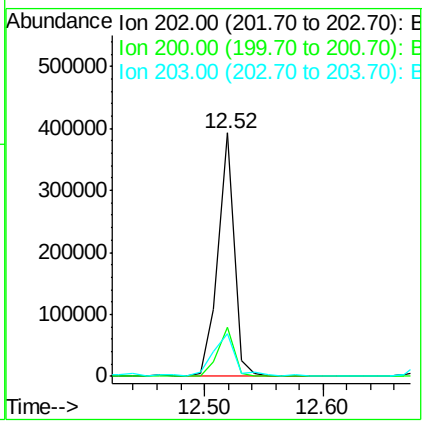


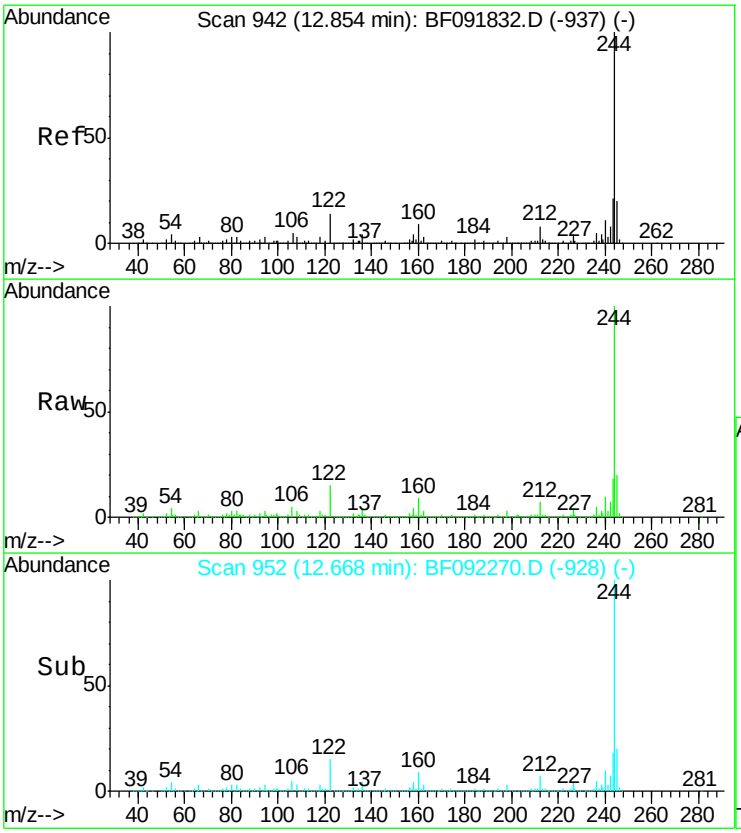
#77
Pyrene
Concen: 15.60 ng
RT: 12.52 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Instrument :
BNA_F
ClientSampleId :
TOD-SB-101-0-2

Tgt Ion:202 Resp: 365884

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.7	26.5
203	17.5	14.7	22.1

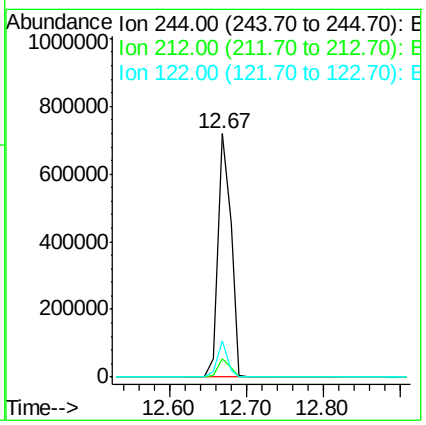


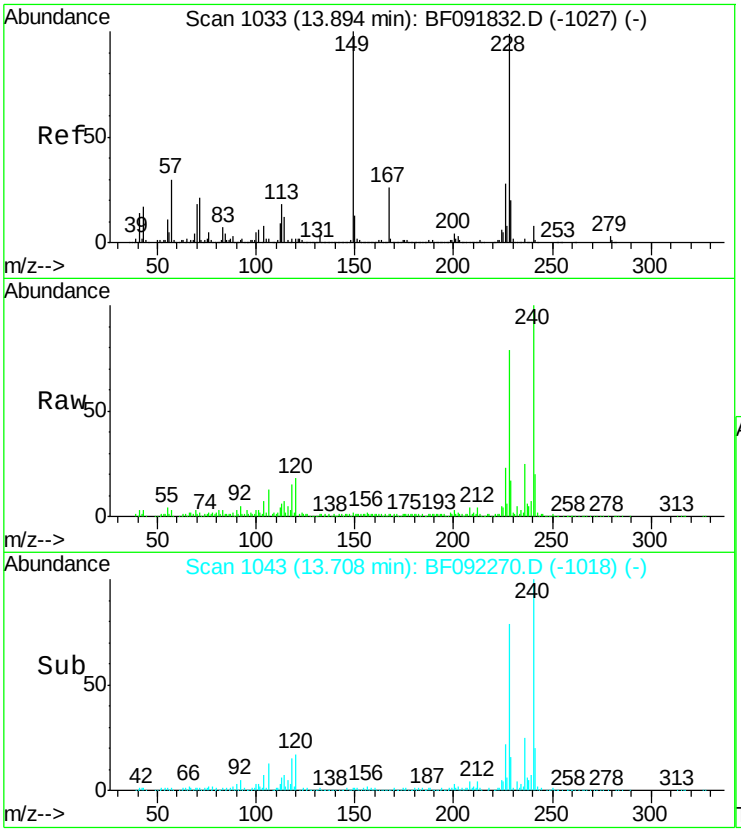


#78
Terphenyl-d14
Concen: 64.57 ng
RT: 12.67 min Scan# 952
Delta R.T. -0.02 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Tgt Ion:244 Resp: 851377

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	15.0	11.4	17.2



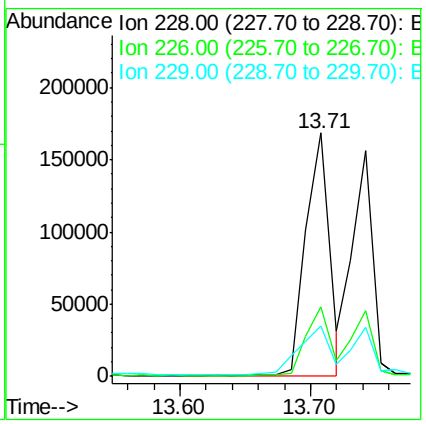


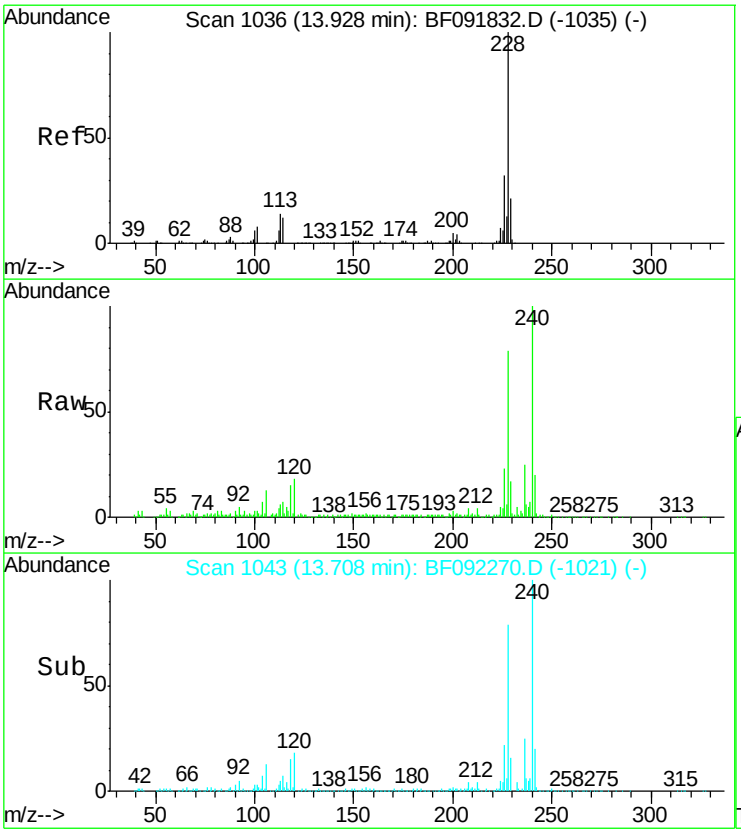
#80
Benzo(a)anthracene
Concen: 11.64 ng
RT: 13.71 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Instrument :
BNA_F
ClientSampleId :
TOD-SB-101-0-2

Tgt Ion:228 Resp: 210098

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.4	33.6
229	20.9	16.2	24.4

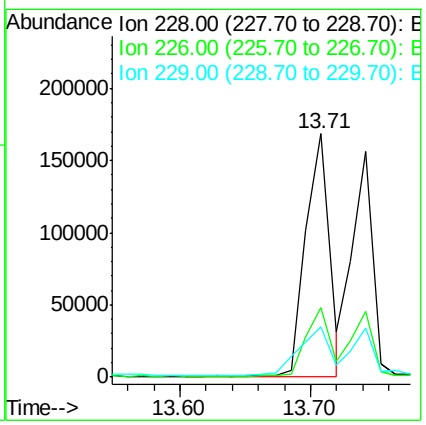


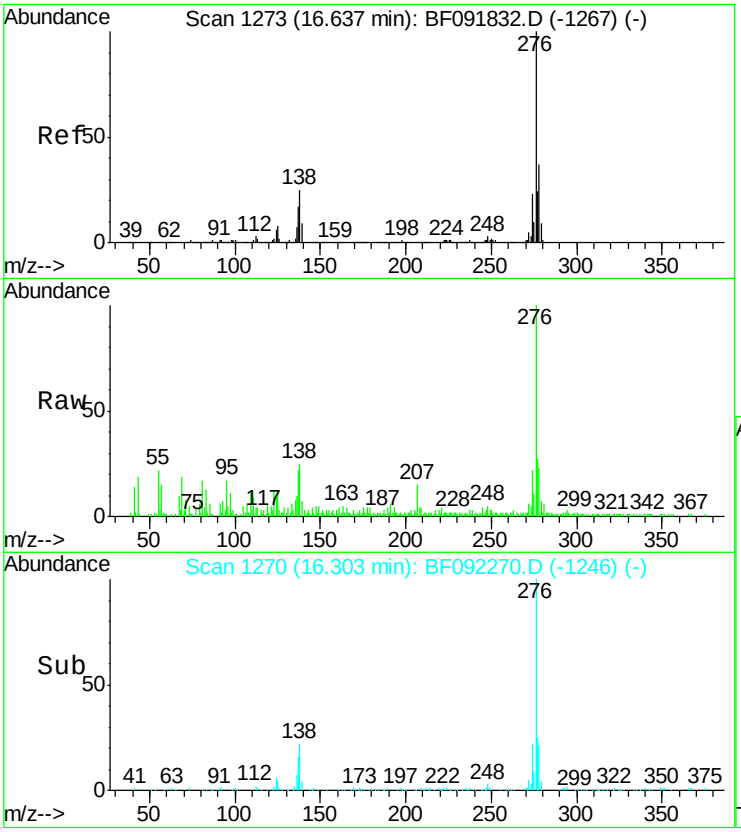


#82
Chrysene
Concen: 11.60 ng
RT: 13.71 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Tgt Ion:228 Resp: 210098

Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.4	38.0
229	20.9	16.2	24.2



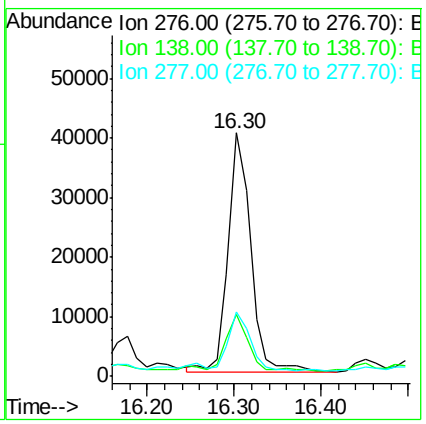


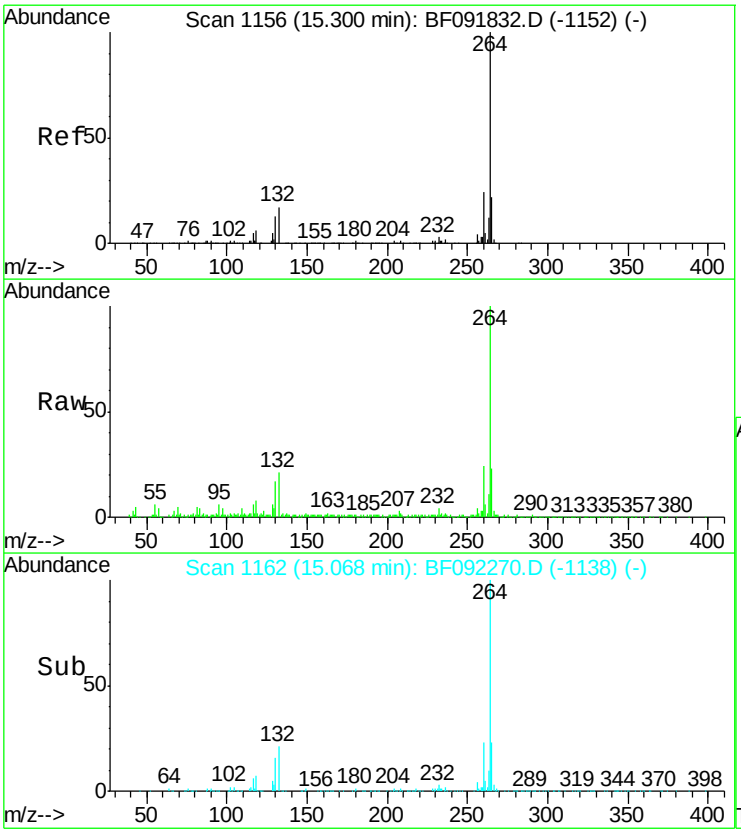
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.60 ng
RT: 16.30 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Instrument :
BNA_F
ClientSampleId :
TOD-SB-101-0-2

Tgt Ion:276 Resp: 72169

Ion	Ratio	Lower	Upper
276	100		
138	20.8	21.8	32.6#
277	28.9	20.2	30.4

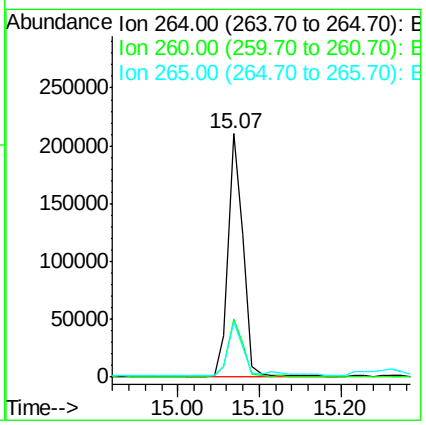


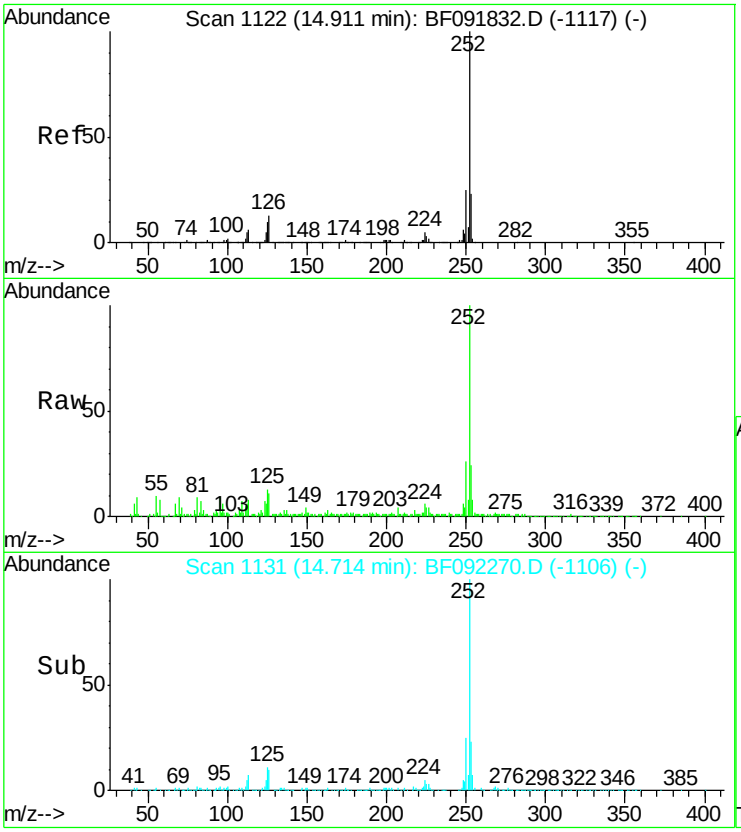


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Tgt Ion:264 Resp: 266144

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.9	17.4	26.0



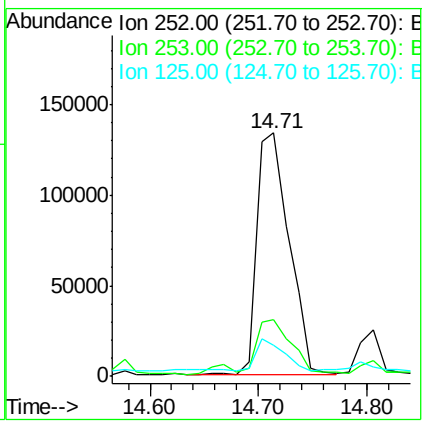


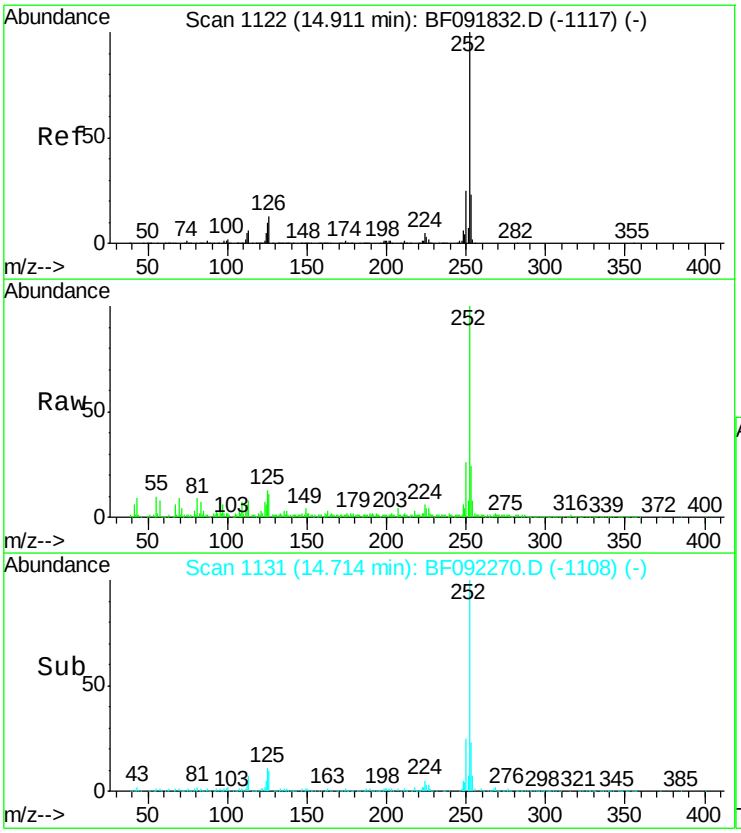
#87
Benzo(b)fluoranthene
Concen: 16.65 ng
RT: 14.71 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Instrument :
BNA_F
ClientSampleId :
TOD-SB-101-0-2

Tgt Ion:252 Resp: 275964

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	13.0	9.8	14.6

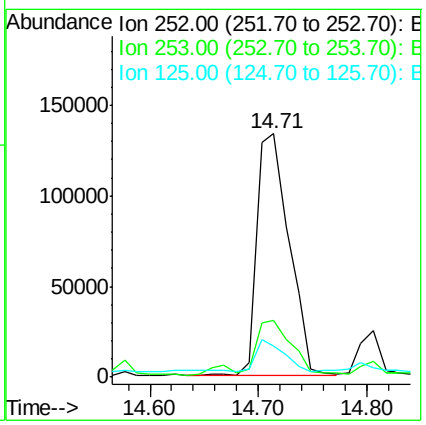


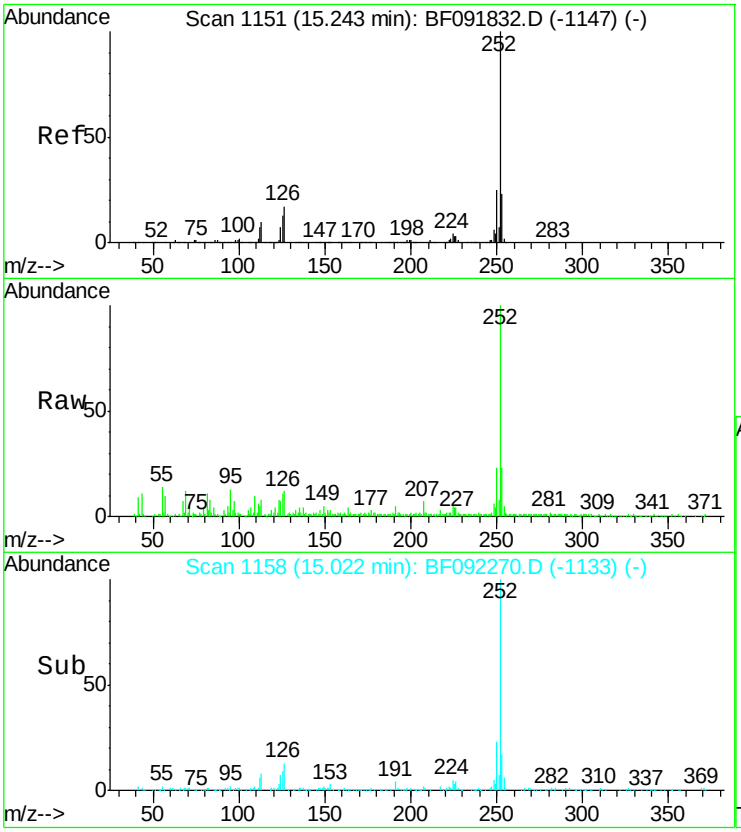


#88
Benzo(k)fluoranthene
Concen: 19.53 ng
RT: 14.71 min Scan# 1131
Delta R.T. -0.03 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Tgt Ion:252 Resp: 275964

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	13.0	8.9	13.3



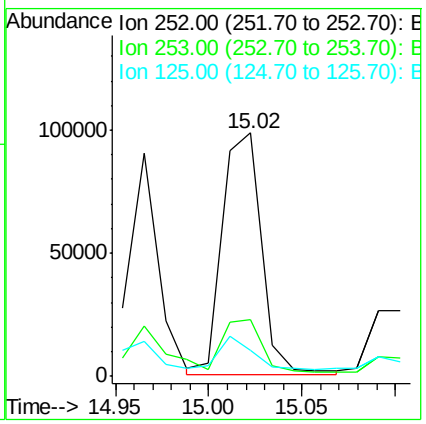


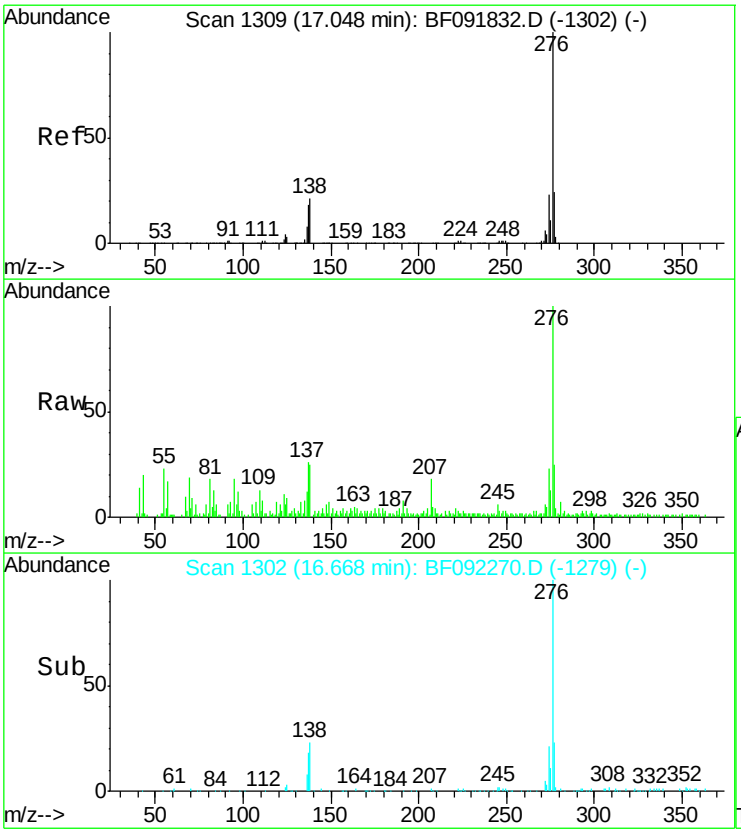
#89
Benzo(a)pyrene
Concen: 9.76 ng
RT: 15.02 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Instrument :
BNA_F
ClientSampleId :
TOD-SB-101-0-2

Tgt Ion:252 Resp: 143574

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	10.7	10.0	15.0





#91
Benzo(g,h,i)perylene
Concen: 5.23 ng
RT: 16.67 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BF092270.D
Acq: 14 Jan 2017 4:30

Tgt Ion:276 Resp: 65703

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.2	28.8
138	24.7	16.0	24.0#