Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092900.D
Acq On : 10 Feb 2017 23:07
Operator : SJ/MA
Sample : I1777-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 38-SB-03-0-2

Quant Time: Feb 11 00:28:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 23:31:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	159559	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	624457	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	375137	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	635287	20.00	ng		0.00
75) Chrysene-d12	14.05	240	478548	20.00	ng		-0.01
86) Perylene-d12	15.51	264	371679	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	818570	88.01	ng		0.00
7) Phenol-d6	6.53	99	1134277	94.79	ng		0.00
23) Nitrobenzene-d5	7.46	82	731142	65.20	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	215414	79.39	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	1409539	68.07	ng		-0.01
78) Terphenyl-d14	13.01	244	1343069	65.94	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.54	94	71363	5.10	ng	#	72
19) n-Nitroso-di-n-propylamine	7.46	70	96623	12.68	ng	#	81
25) Isophorone	7.46	82	725560	34.72	ng	#	65
49) Dimethylphthalate	9.65	163	89006	3.52	ng		99
50) 2,6-Dinitrotoluene	9.94	165	49100	9.00	ng	#	30
56) 2,4-Dinitrotoluene	9.94	165	49102	6.76	ng	#	19
64) 4,6-Dinitro-2-methylphenol	10.73	198	383	2.76	ng	#	1
66) 4-Bromophenyl-phenylether	10.73	248	15704	2.37	ng	#	1
70) Phenanthrene	11.45	178	86056	2.36	ng		97
74) Fluoranthene	12.64	202	157330	4.19	ng		93
77) Pyrene	12.87	202	161126	4.50	ng		97
80) Benzo(a)anthracene	14.04	228	75507	2.58	ng		98
82) Chrysene	14.04	228	75507	2.76	ng		94
87) Benzo(b)fluoranthene	15.08	252	87707	3.59	ng	#	96
88) Benzo(k)fluoranthene	15.08	252	87707	4.15	ng	#	94
89) Benzo(a)pyrene	15.44	252	46936	2.22	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
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Acq On : 10 Feb 2017 23:07
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BNA_F
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38-SB-03-0-2

Quant Time: Feb 11 00:28:15 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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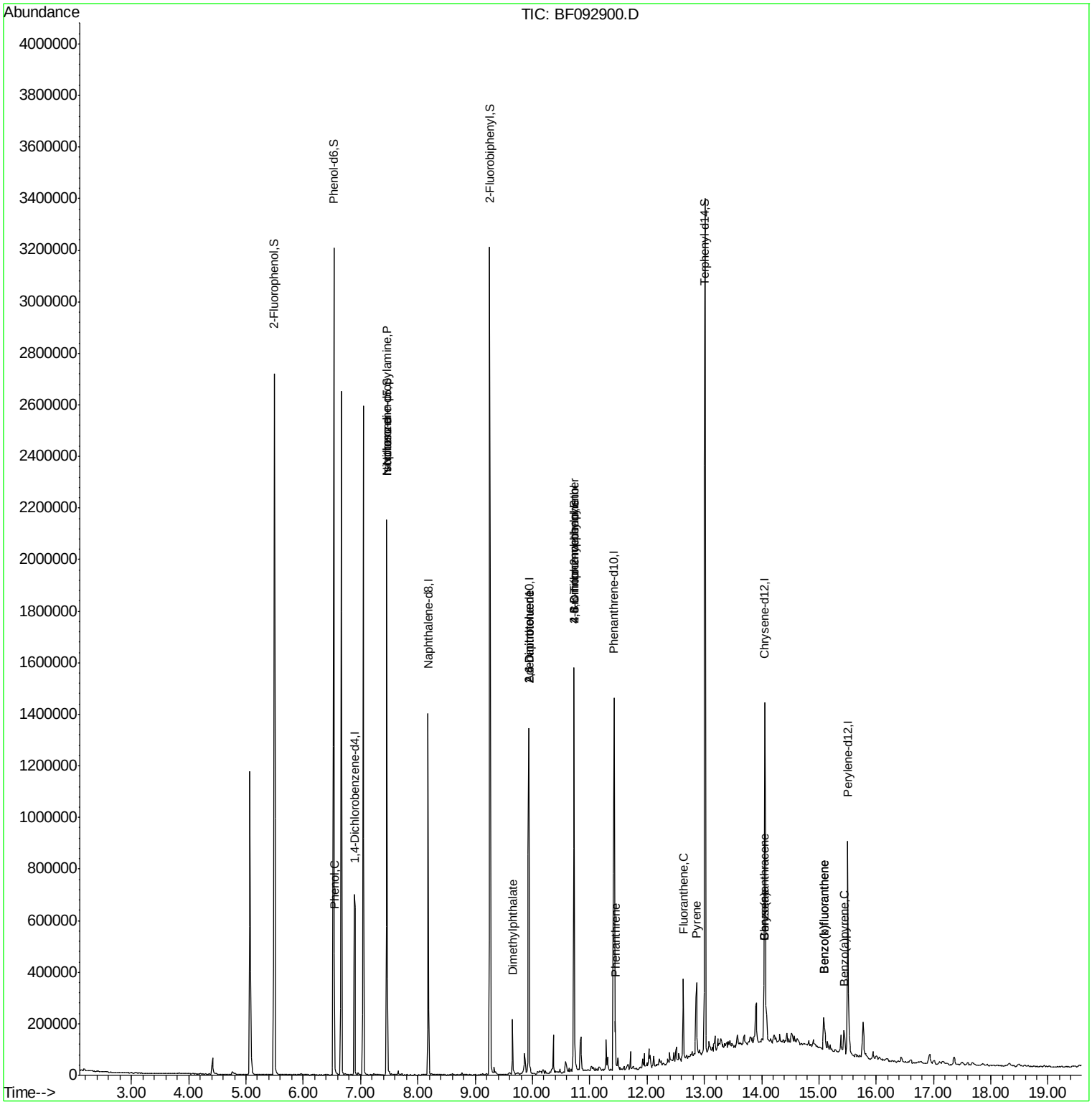
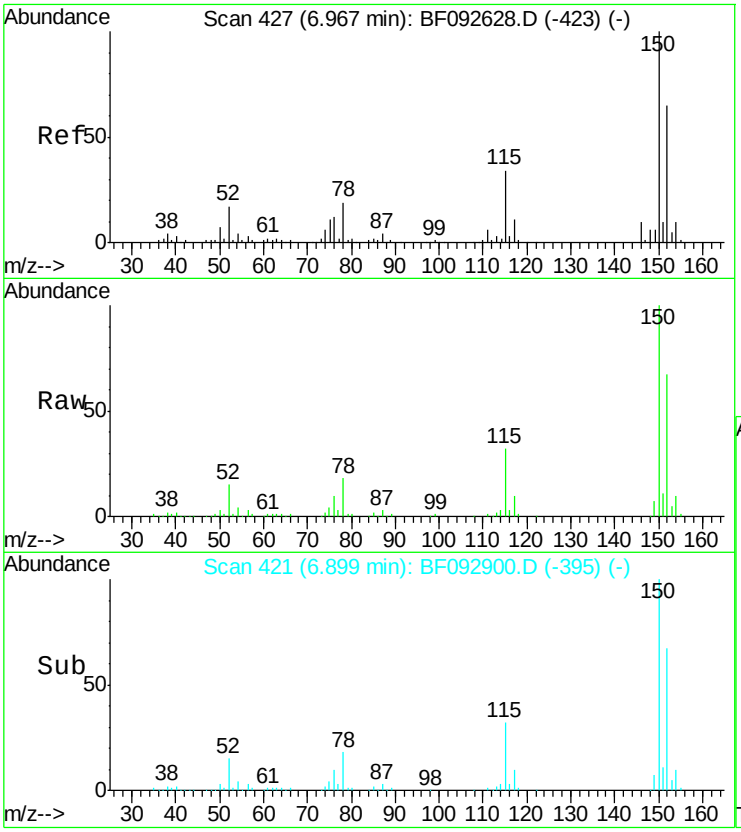


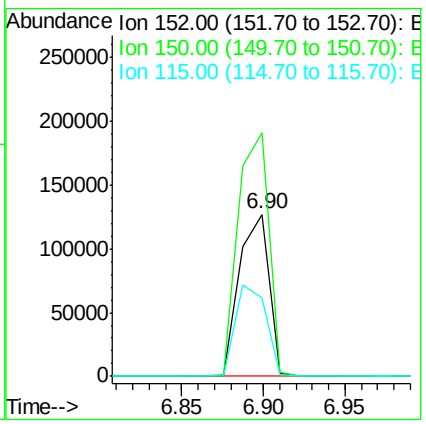


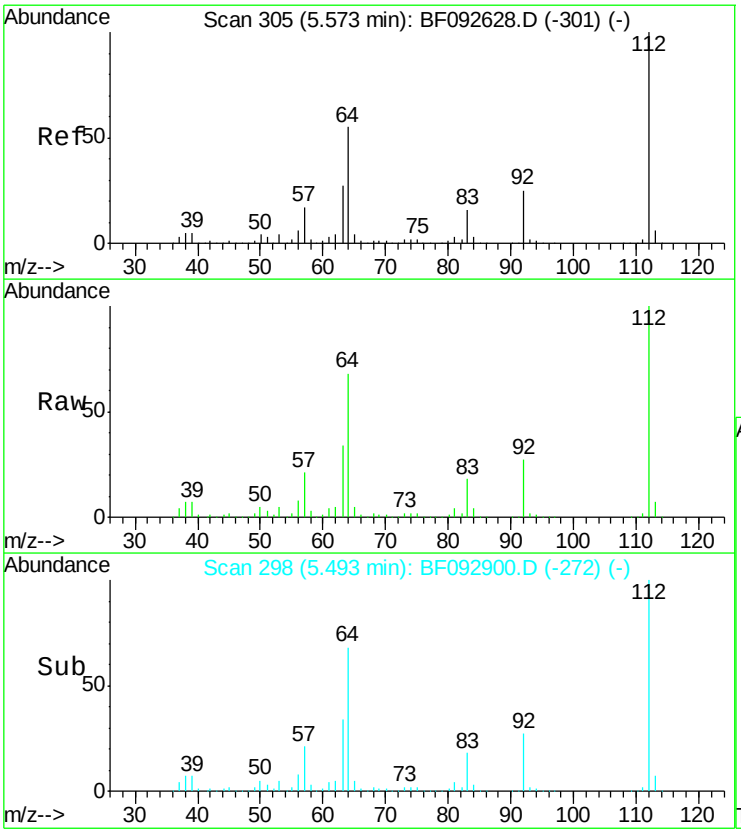
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Instrument :
BNA_F
ClientSampleId :
38-SB-03-0-2

Tgt Ion:152 Resp: 159559

Ion	Ratio	Lower	Upper
152	100		
150	150.0	124.9	187.3
115	48.1	46.0	69.0

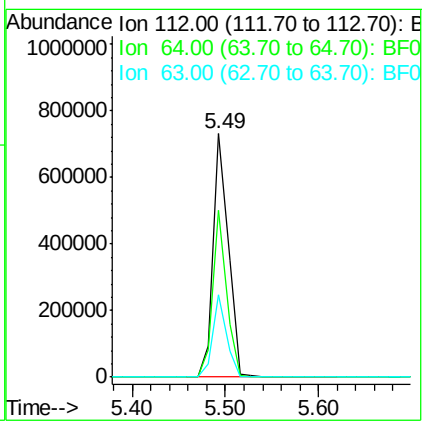


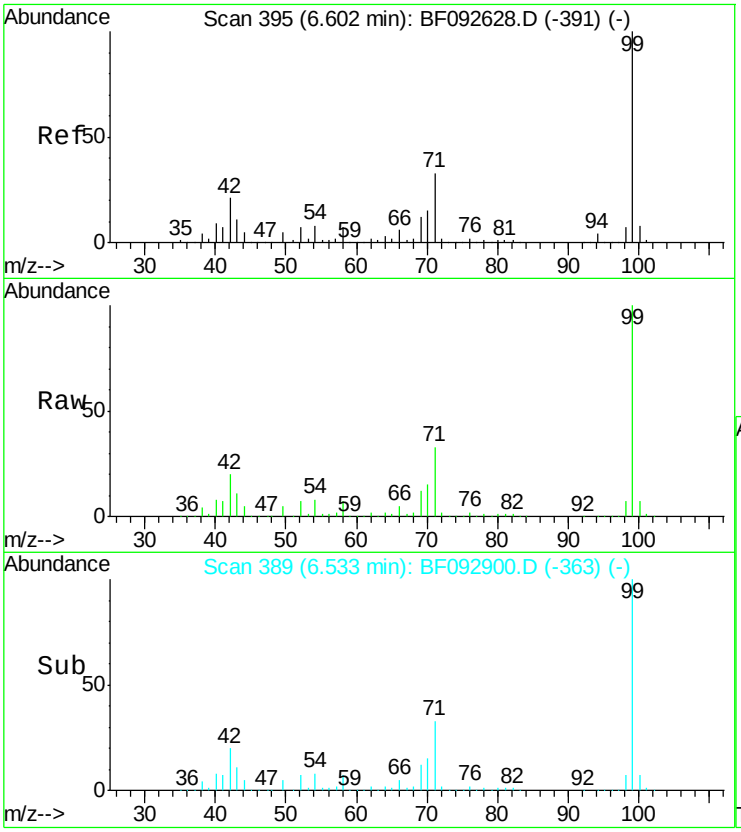


#5
2-Fluorophenol
Concen: 88.01 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.00 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Tgt Ion:112 Resp: 818570

Ion	Ratio	Lower	Upper
112	100		
64	68.3	46.1	69.1
63	34.0	23.8	35.6



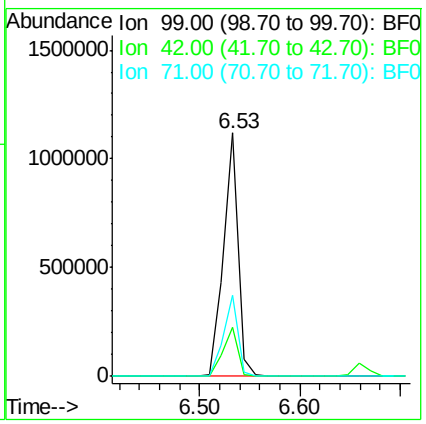


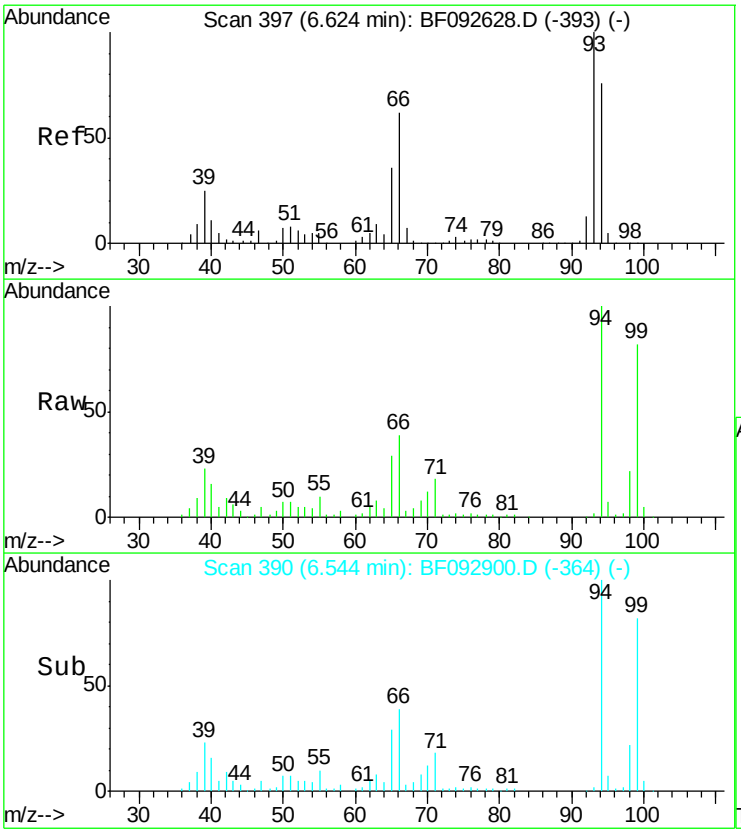
#7
Phenol-d6
Concen: 94.79 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Instrument :
BNA_F
ClientSampleId :
38-SB-03-0-2

Tgt Ion: 99 Resp: 1134277

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.6	23.4
71	33.2	27.5	41.3

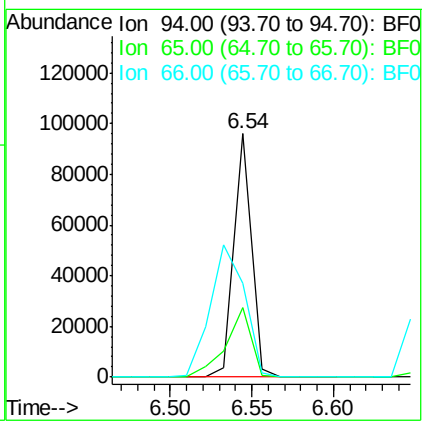


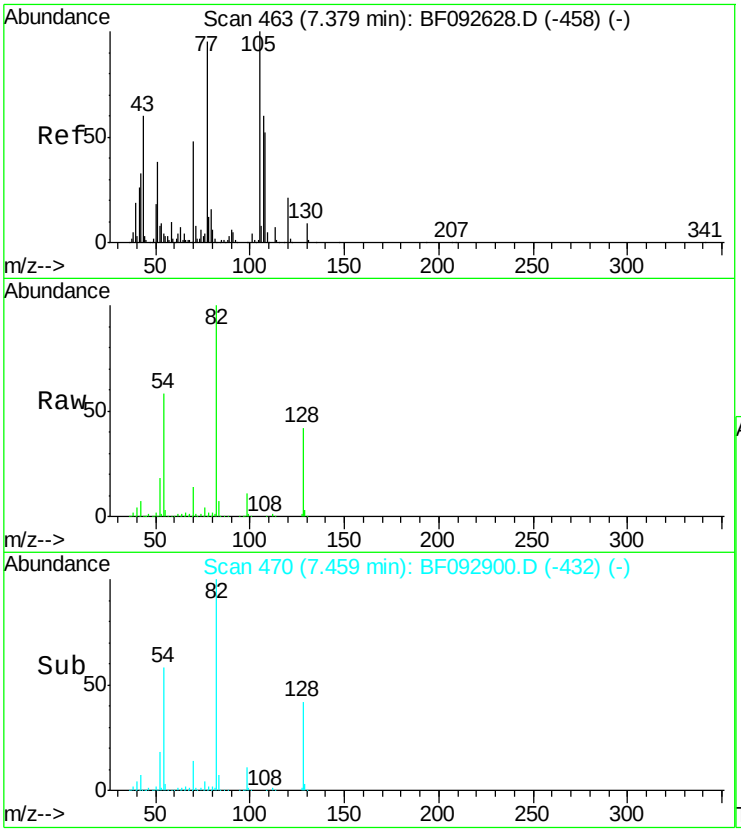


#10
Phenol
Concen: 5.10 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Tgt Ion: 94 Resp: 71363

Ion	Ratio	Lower	Upper
94	100		
65	28.7	21.4	61.4
66	38.6	44.0	84.0#



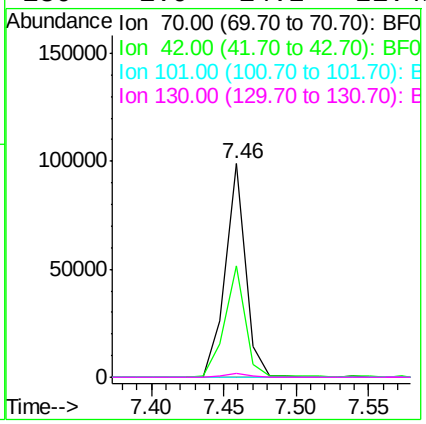


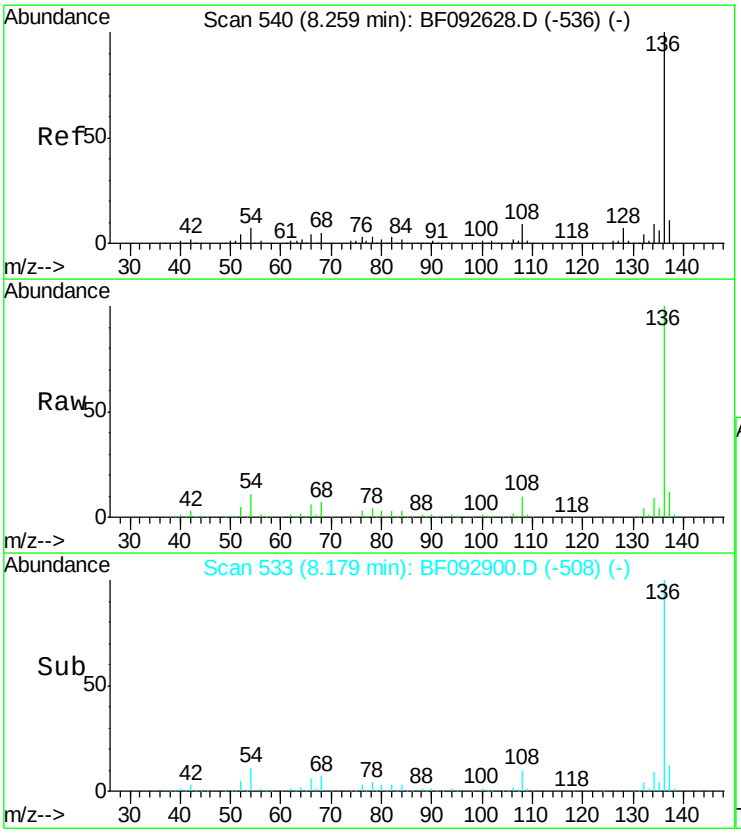
#19
n-Nitroso-di-n-propylamine
Concen: 12.68 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.14 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Instrument :
BNA_F
ClientSampleId :
38-SB-03-0-2

Tgt Ion: 70 Resp: 96623

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

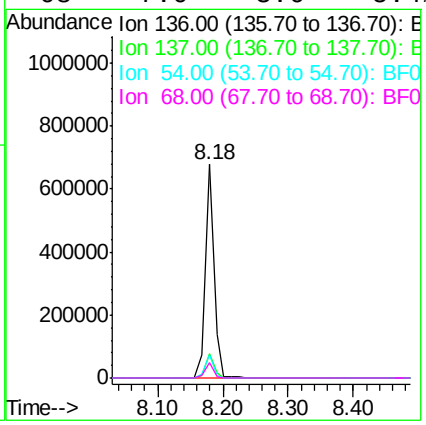


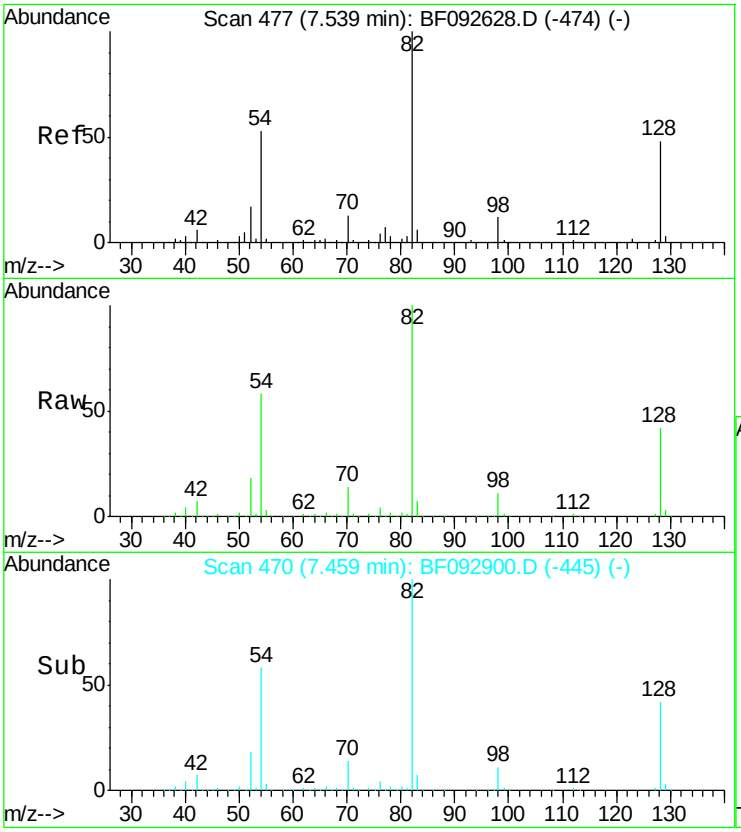


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Tgt Ion:136 Resp: 624457

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	10.5	4.5	6.7#
68	7.0	3.6	5.4#



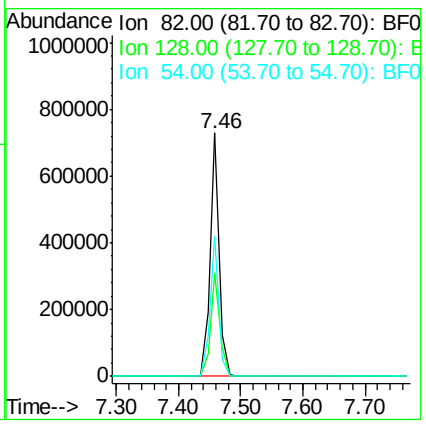


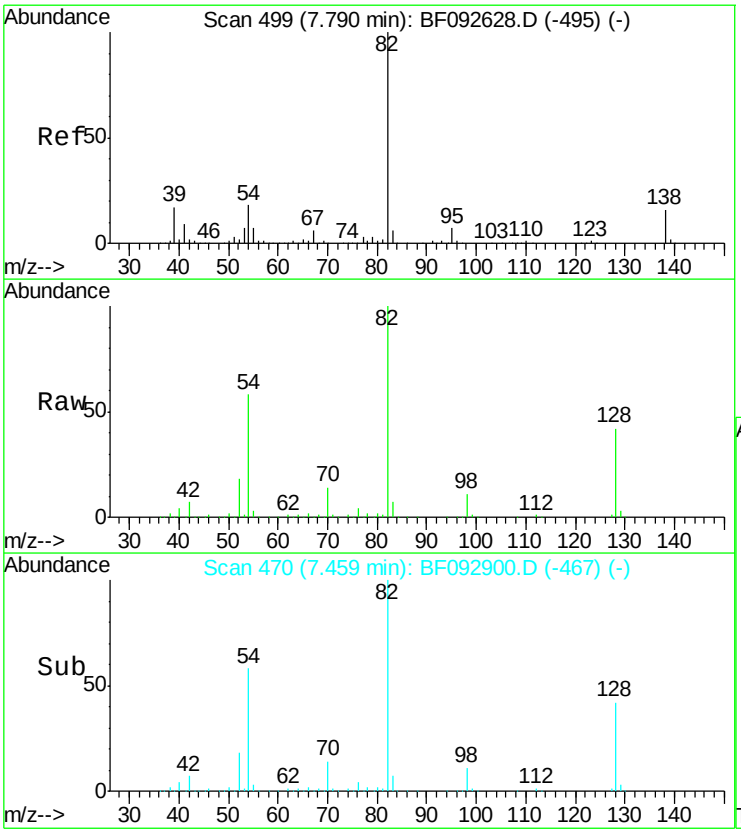
#23
Nitrobenzene-d5
Concen: 65.20 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Instrument :
BNA_F
ClientSampleId :
38-SB-03-0-2

Tgt Ion: 82 Resp: 731142

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	52.0
54	57.6	39.5	59.3

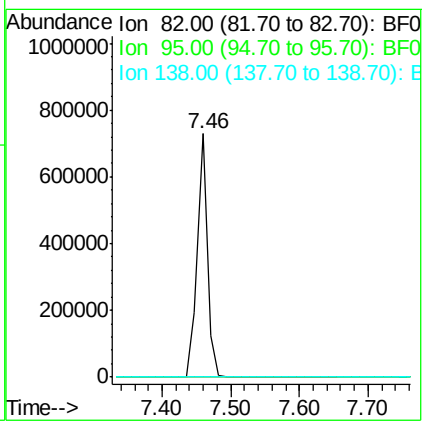


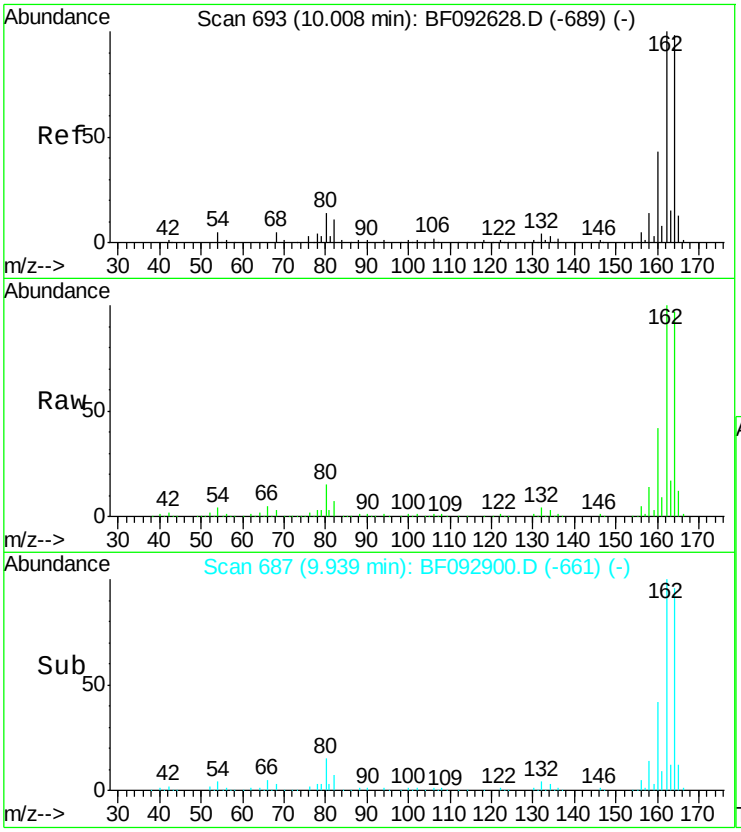


#25
Isophorone
Concen: 34.72 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.26 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Tgt Ion: 82 Resp: 725560

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



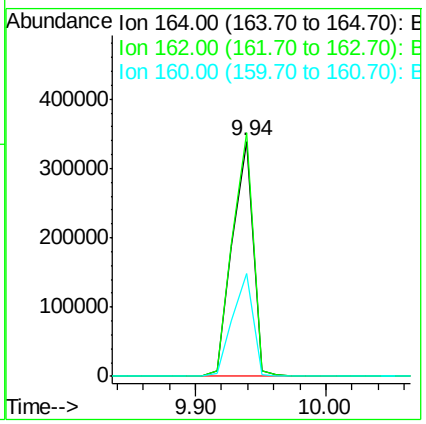


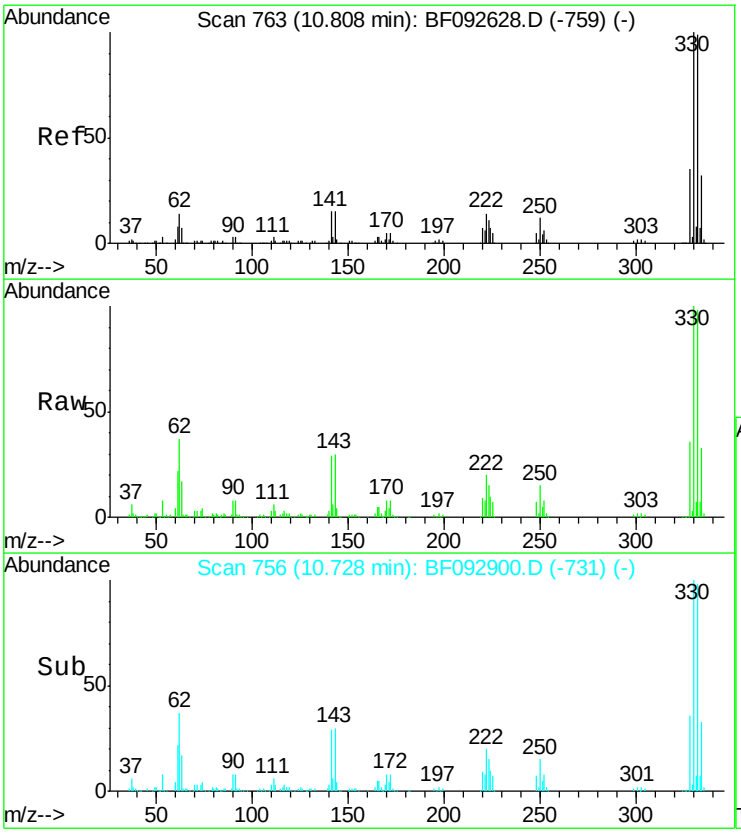
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Instrument :
BNA_F
ClientSampleId :
38-SB-03-0-2

Tgt Ion:164 Resp: 375137

Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.2	120.2
160	43.7	36.9	55.3

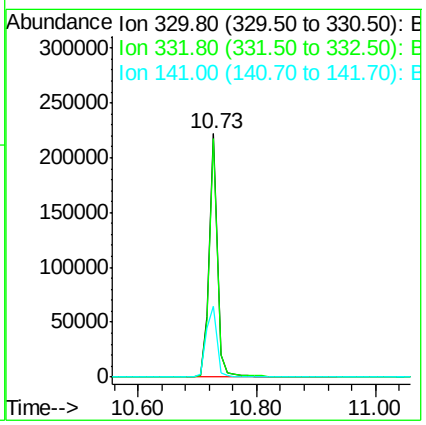


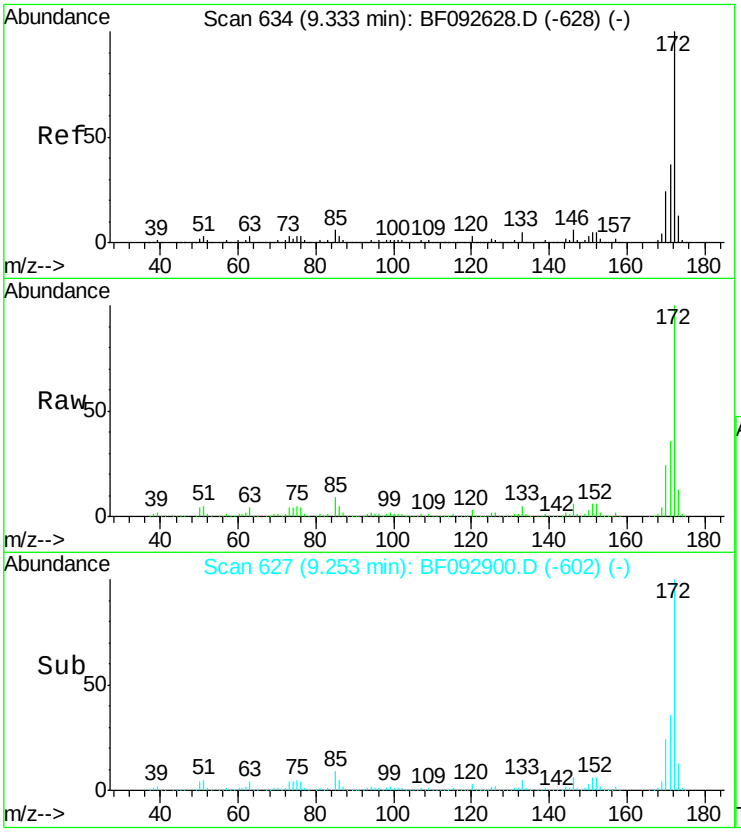


#41
2,4,6-Tribromophenol
Concen: 79.39 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Tgt Ion:330 Resp: 215414

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	38.5	34.1	51.1



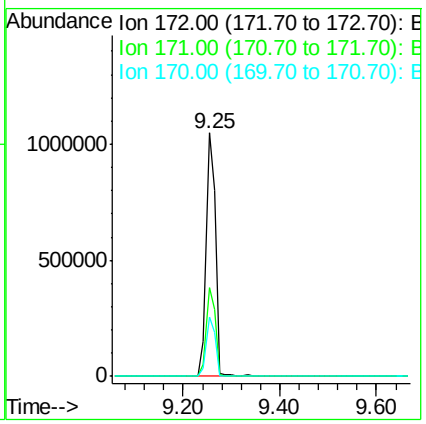


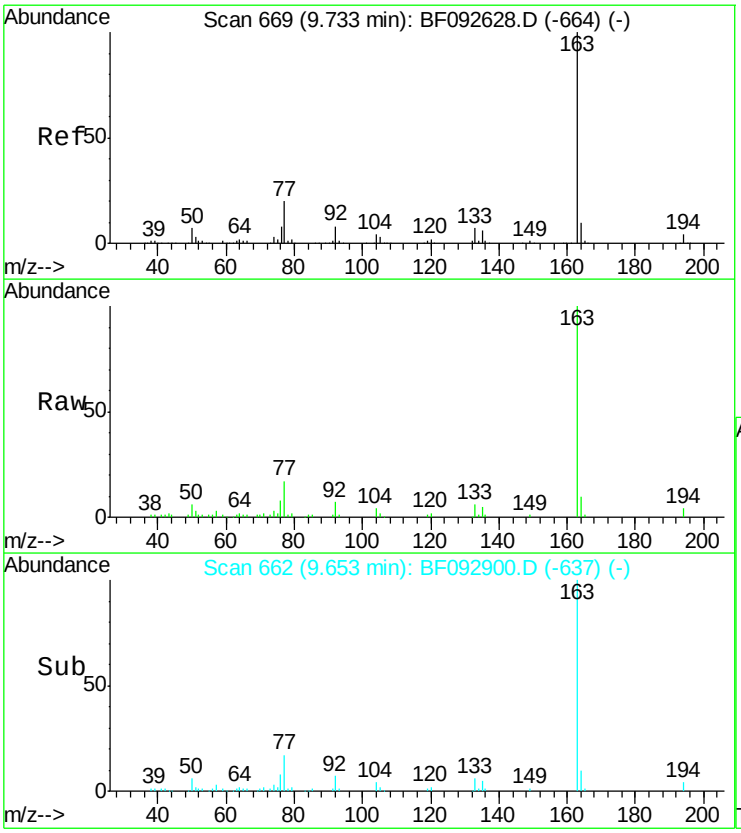
#44
2-Fluorobiphenyl
Concen: 68.07 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Instrument :
BNA_F
ClientSampleId :
38-SB-03-0-2

Tgt Ion:172 Resp: 1409539

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.2	20.2	30.4

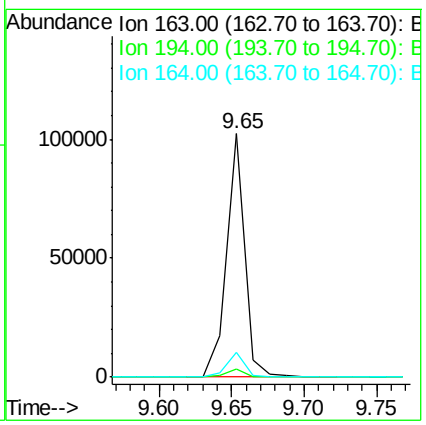


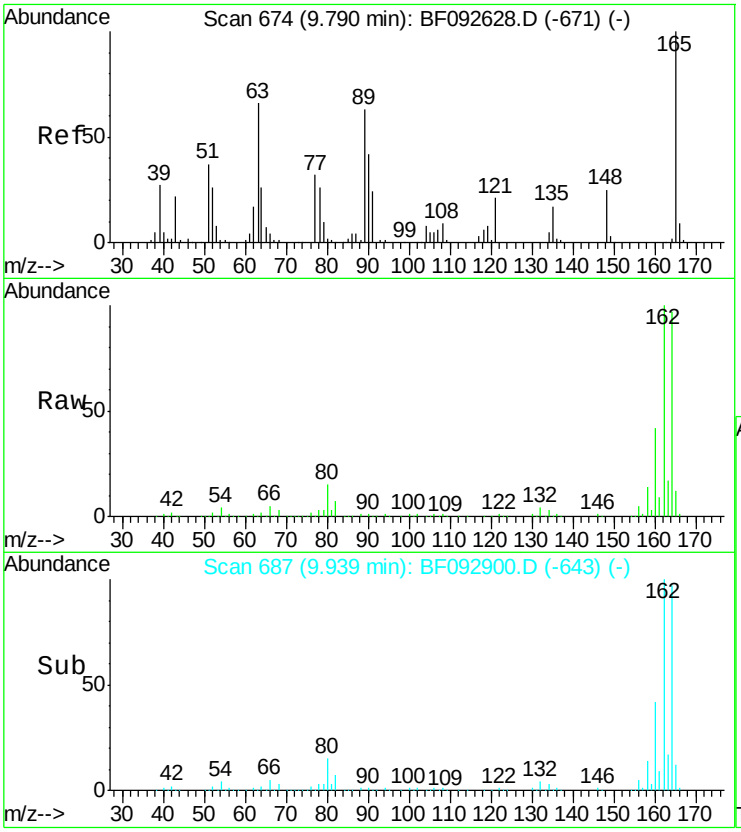


#49
Dimethylphthalate
Concen: 3.52 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Tgt Ion:163 Resp: 89006

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.3	8.0	12.0



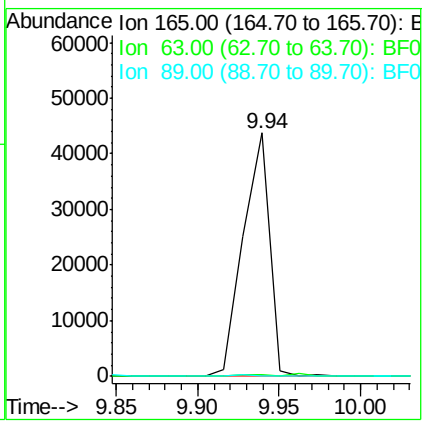


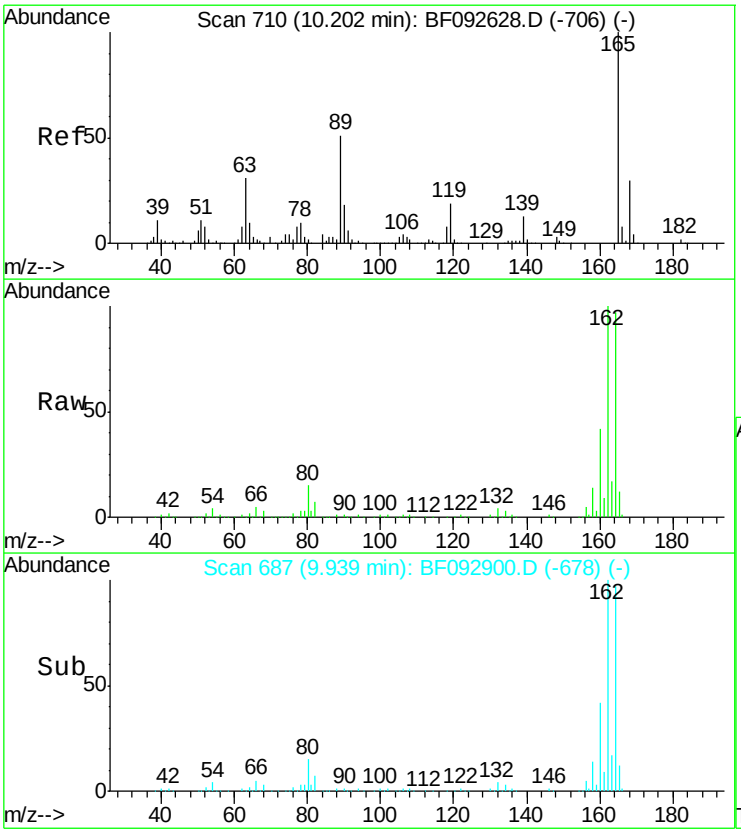
#50
2,6-Dinitrotoluene
Concen: 9.00 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.21 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Instrument :
BNA_F
ClientSampleId :
38-SB-03-0-2

Tgt Ion:165 Resp: 49100

Ion	Ratio	Lower	Upper
165	100		
63	0.7	36.2	54.4#
89	0.0	40.2	60.4#

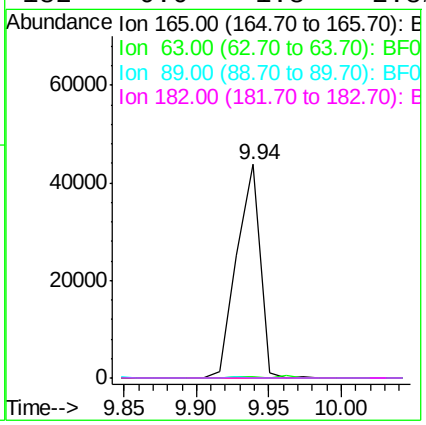


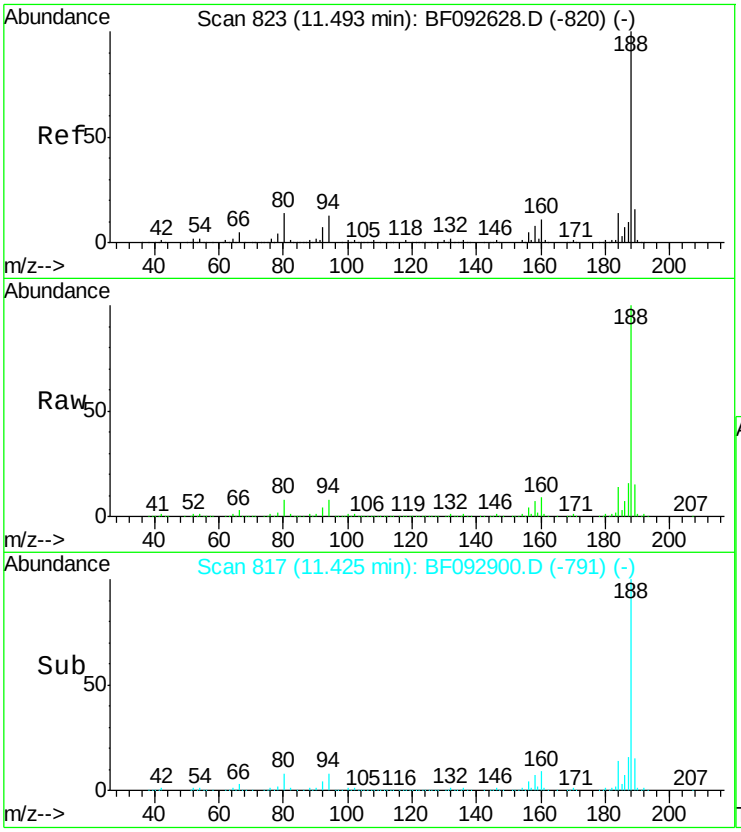


#56
2,4-Dinitrotoluene
Concen: 6.76 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.19 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Tgt Ion:165 Resp: 49102

Ion	Ratio	Lower	Upper
165	100		
63	0.7	40.2	60.4#
89	0.0	62.5	93.7#
182	0.0	1.8	2.8#



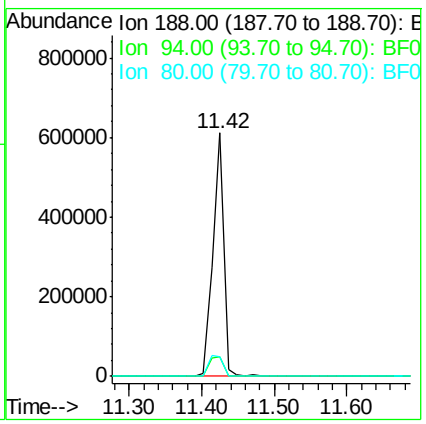


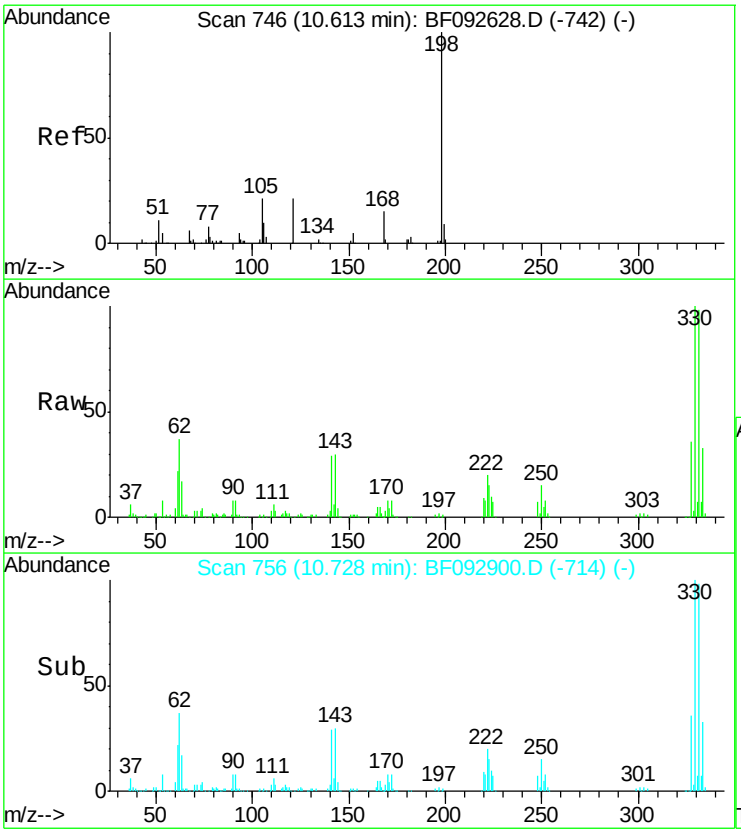
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Instrument :
BNA_F
ClientSampleId :
38-SB-03-0-2

Tgt Ion:188 Resp: 635287

Ion	Ratio	Lower	Upper
188	100		
94	7.9	10.0	15.0#
80	8.0	11.2	16.8#

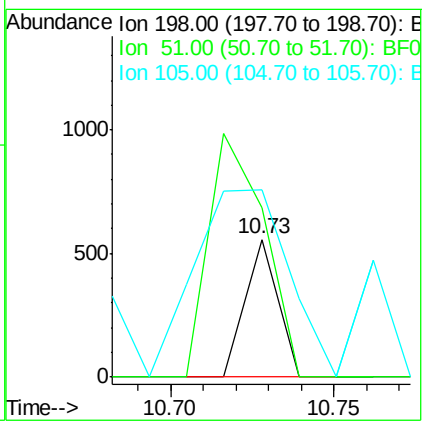


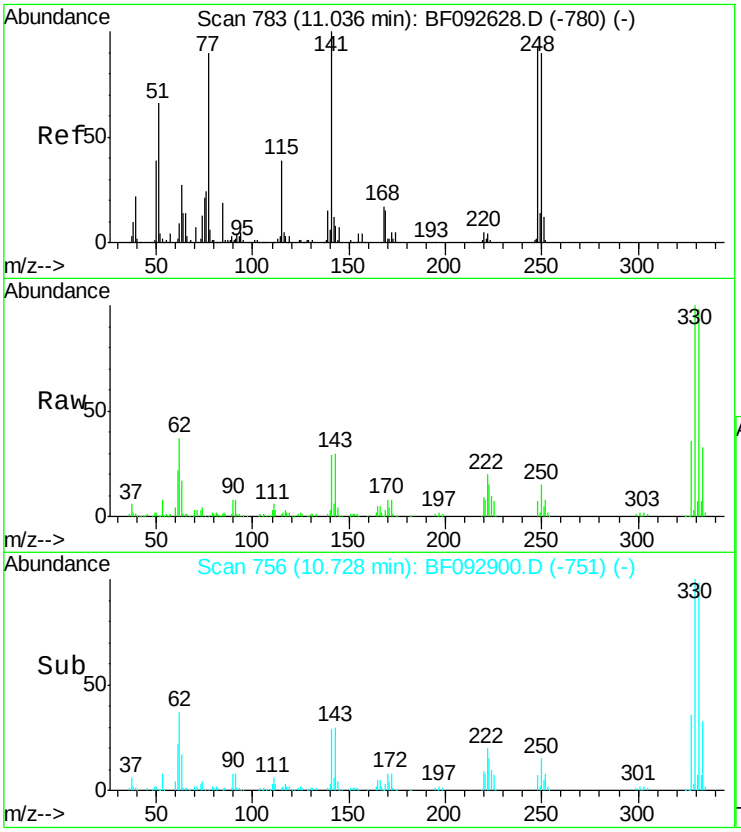


#64
4,6-Dinitro-2-methylphenol
Concen: 2.76 ng
RT: 10.73 min Scan# 756
Delta R.T. 0.18 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Tgt Ion:198 Resp: 383

Ion	Ratio	Lower	Upper
198	100		
51	122.4	6.7	46.7#
105	135.8	16.6	56.6#



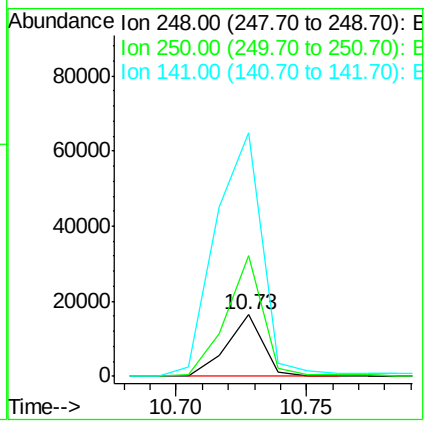


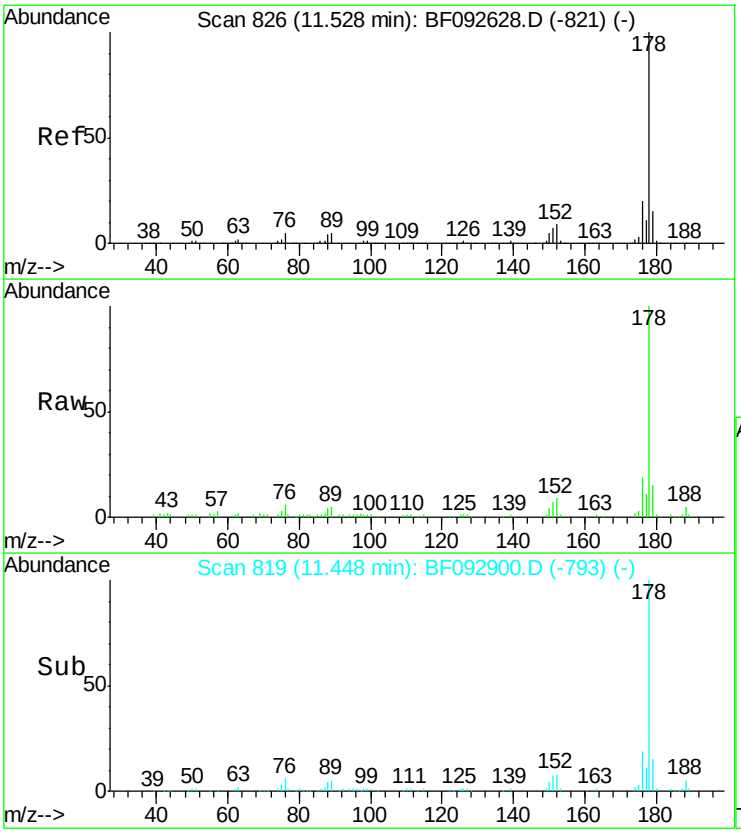
#66
4-Bromophenyl-phenylether
Concen: 2.37 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.24 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Instrument :
BNA_F
ClientSampleId :
38-SB-03-0-2

Tgt Ion:248 Resp: 15704

Ion	Ratio	Lower	Upper
248	100		
250	197.3	76.9	115.3#
141	397.4	68.2	102.4#

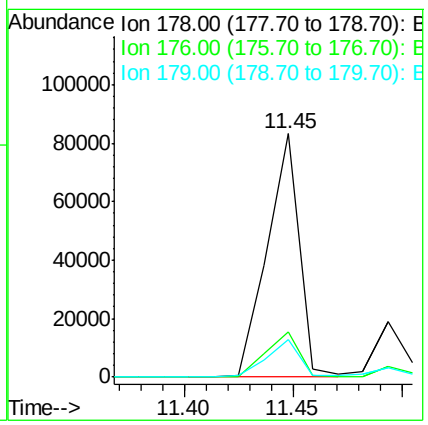


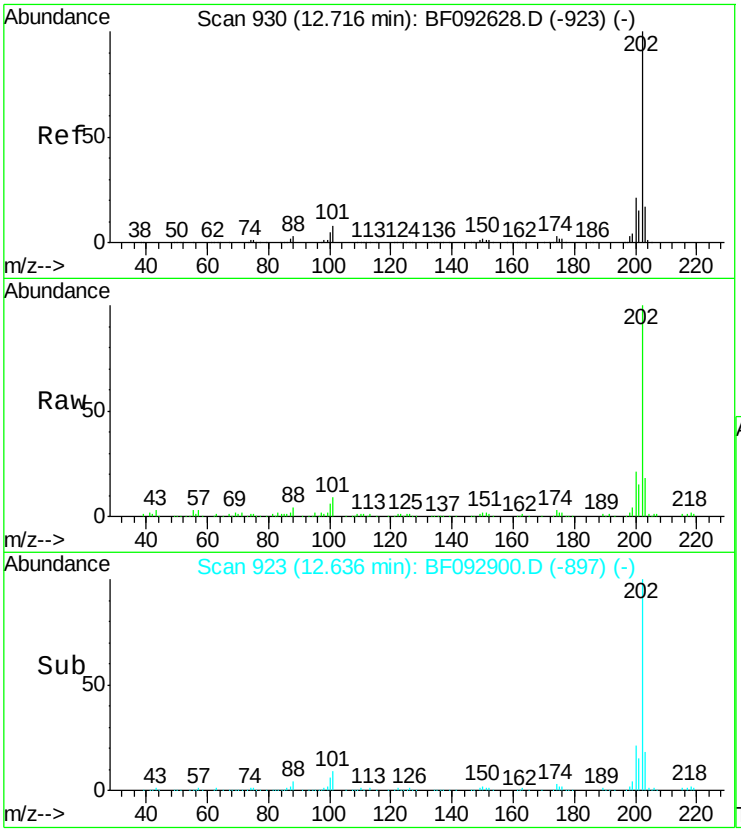


#70
Phenanthrene
Concen: 2.36 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Tgt Ion:178 Resp: 86056

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.6	25.0
179	15.3	12.8	19.2



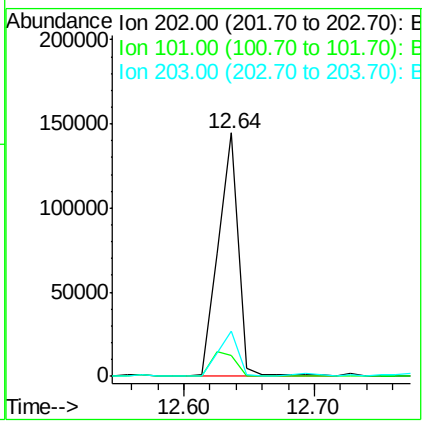


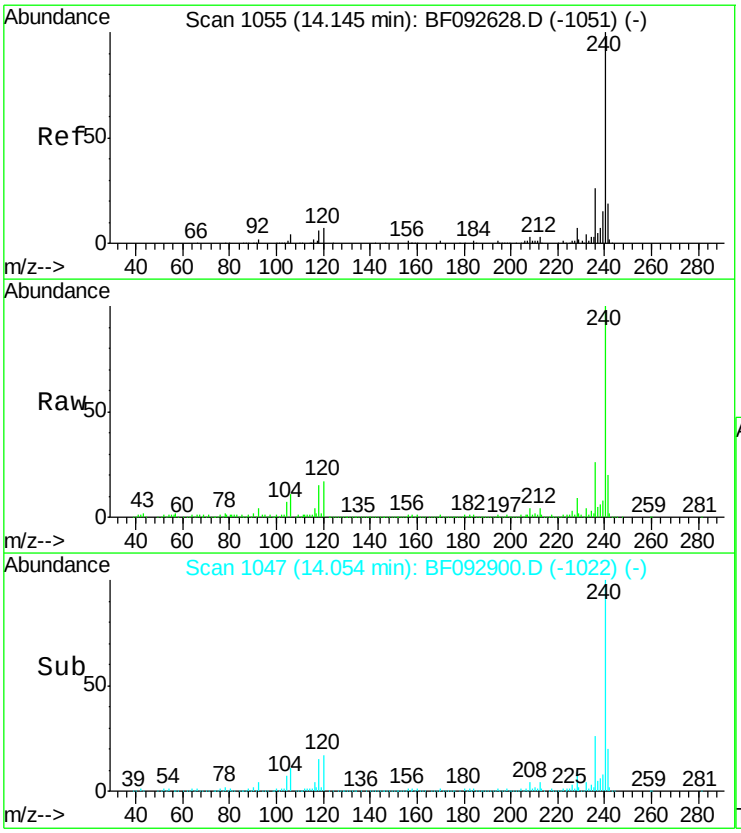
#74
Fluoranthene
Concen: 4.19 ng
RT: 12.64 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Instrument :
BNA_F
ClientSampleId :
38-SB-03-0-2

Tgt Ion:202 Resp: 157330

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	34.6
203	18.4	0.0	38.7

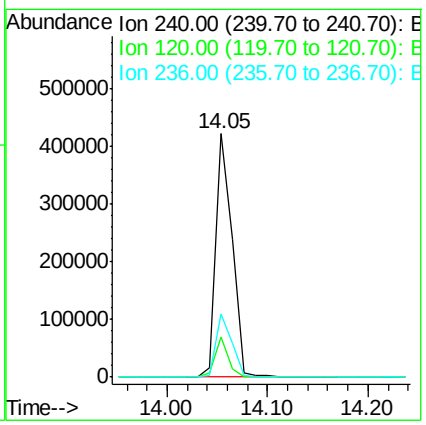


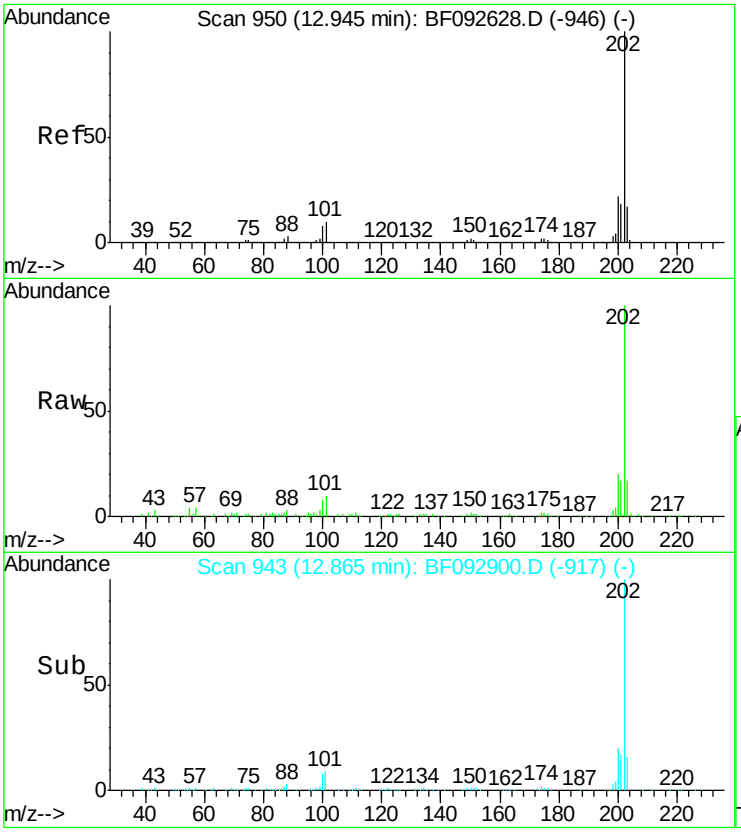


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Tgt Ion:240 Resp: 478548

Ion	Ratio	Lower	Upper
240	100		
120	16.5	12.9	19.3
236	25.9	20.9	31.3



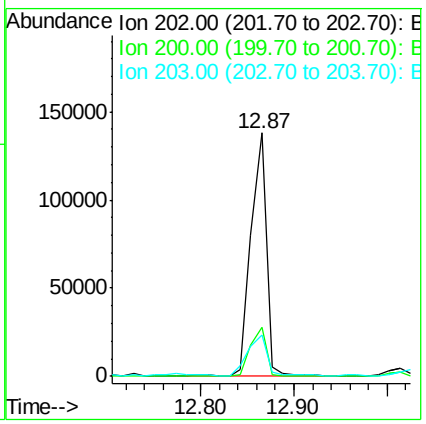


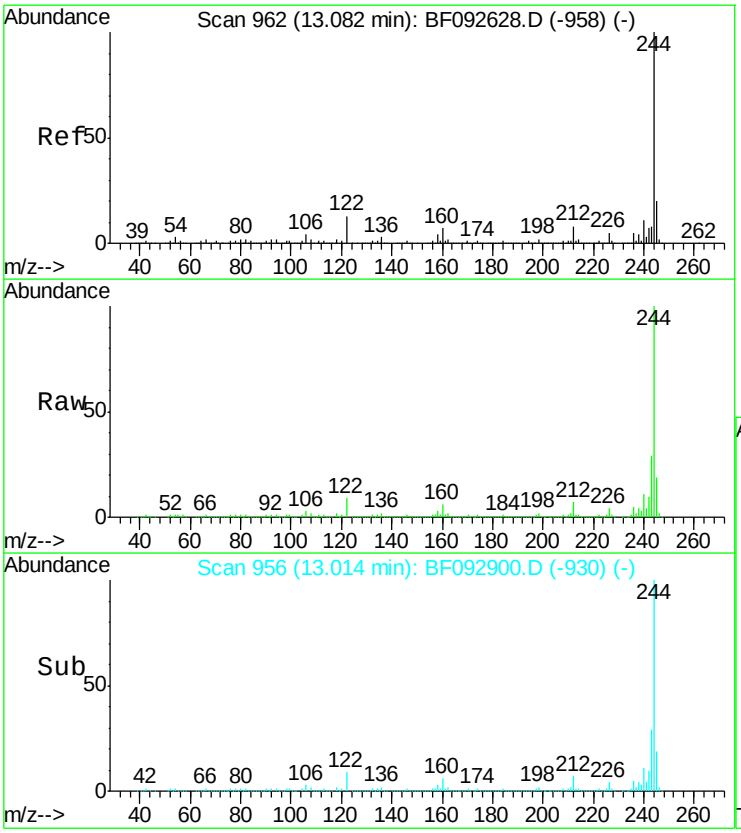
#77
Pyrene
Concen: 4.50 ng
RT: 12.87 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Instrument :
BNA_F
ClientSampleId :
38-SB-03-0-2

Tgt Ion:202 Resp: 161126

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.7	26.5
203	17.2	14.7	22.1

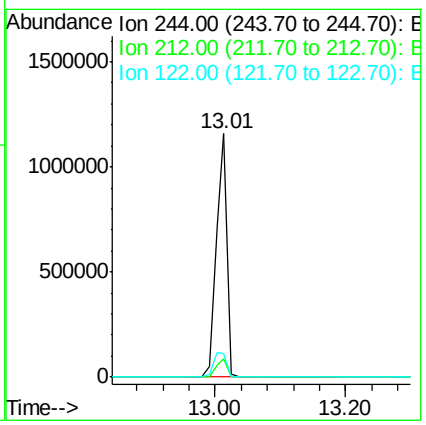


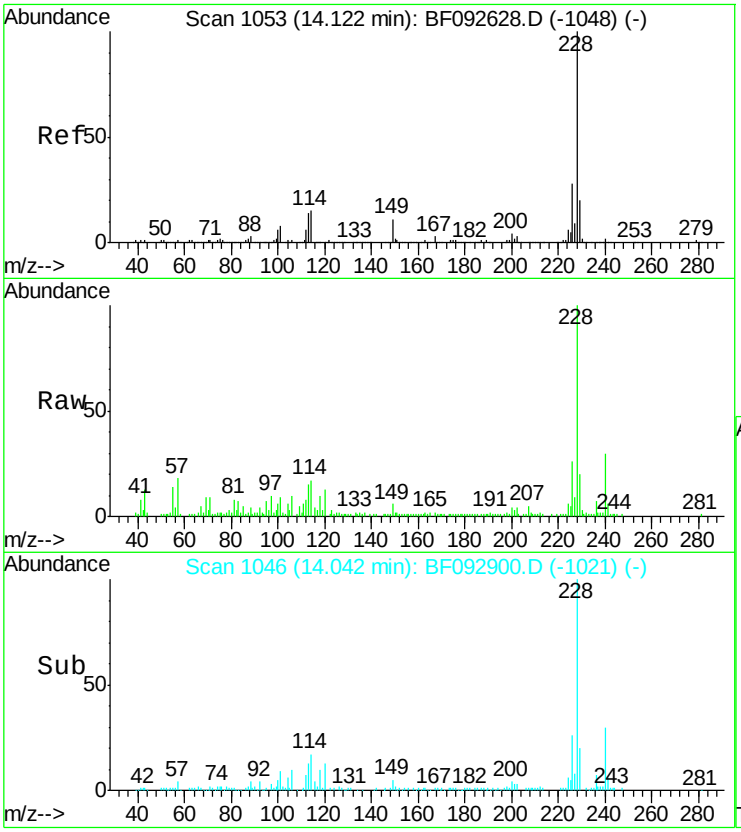


#78
Terphenyl-d14
Concen: 65.94 ng
RT: 13.01 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Tgt Ion:244 Resp: 1343069

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	9.4	11.4	17.2#



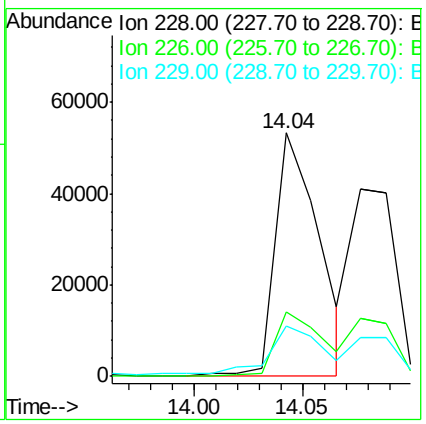


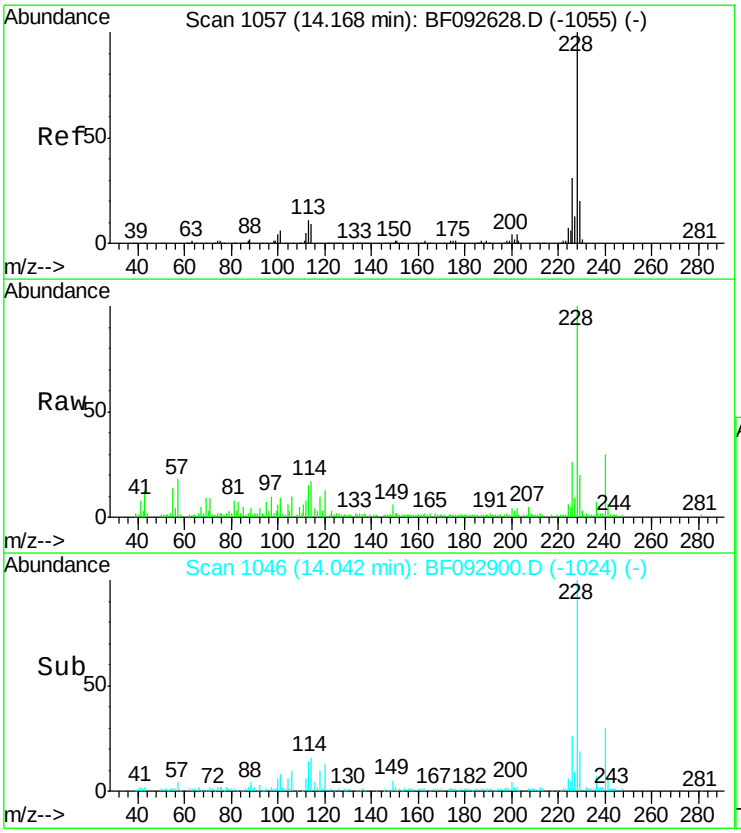
#80
Benzo(a)anthracene
Concen: 2.58 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Instrument :
BNA_F
ClientSampleId :
38-SB-03-0-2

Tgt Ion:228 Resp: 75507

Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.4	33.6
229	20.5	16.2	24.4

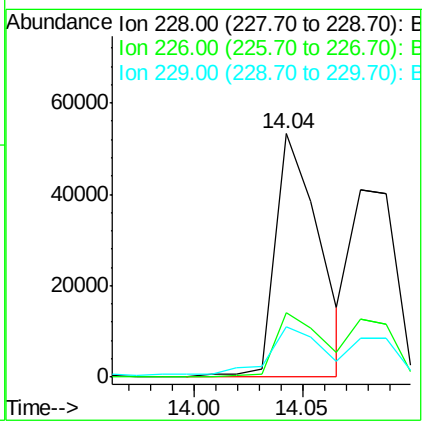


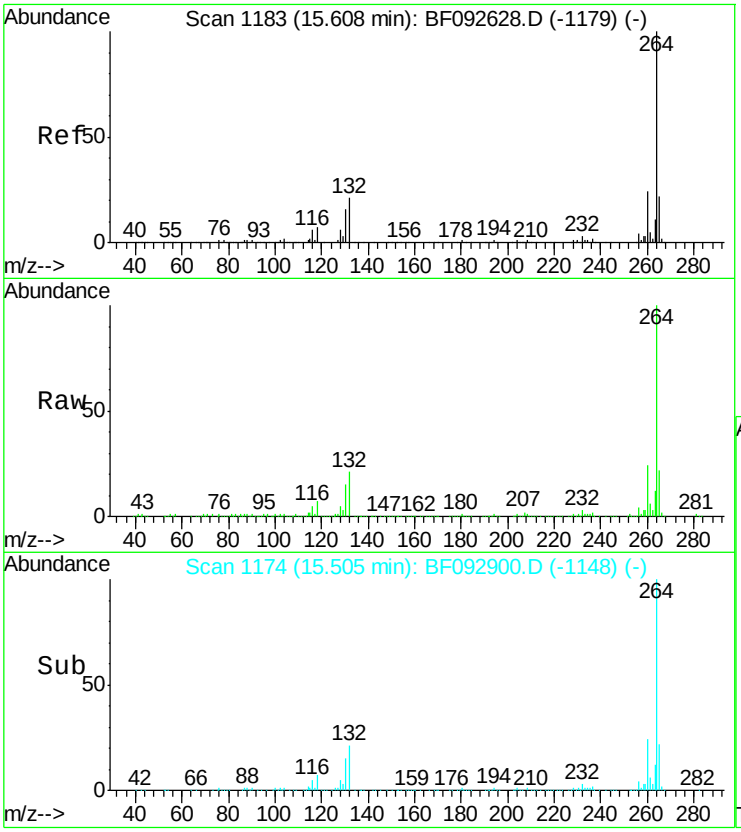


#82
Chrysene
Concen: 2.76 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.05 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Tgt Ion:228 Resp: 75507

Ion	Ratio	Lower	Upper
228	100		
226	26.3	25.4	38.0
229	20.5	16.2	24.2



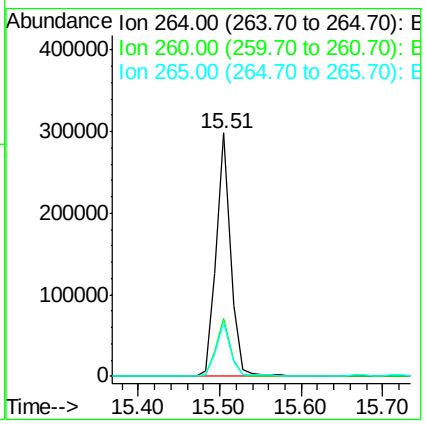


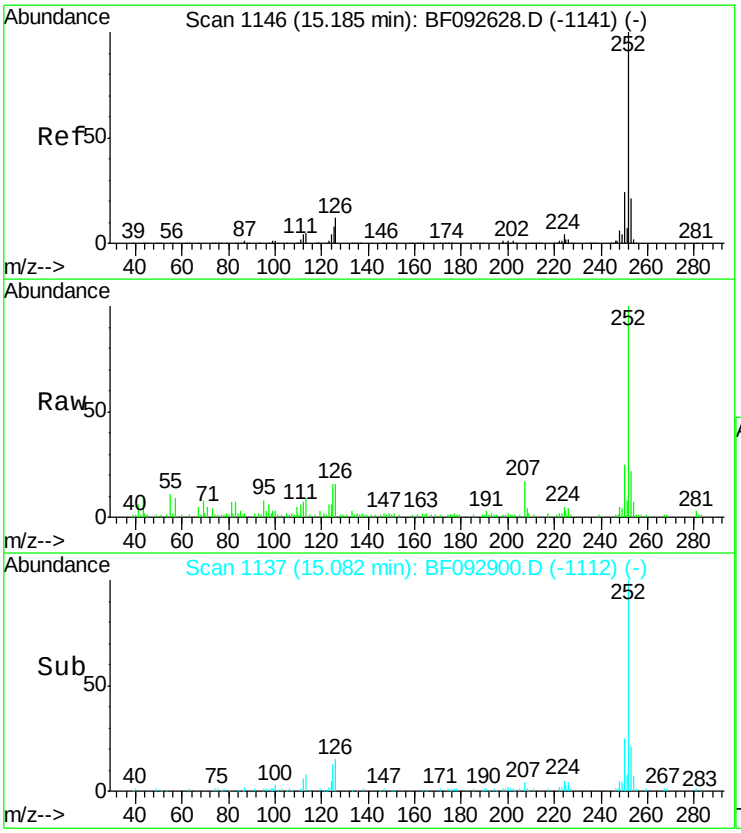
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Instrument :
BNA_F
ClientSampleId :
38-SB-03-0-2

Tgt Ion:264 Resp: 371679

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.2	17.4	26.0

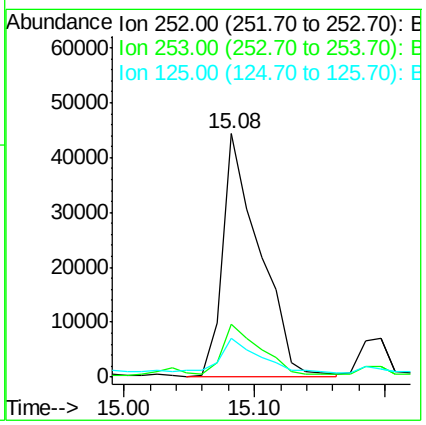


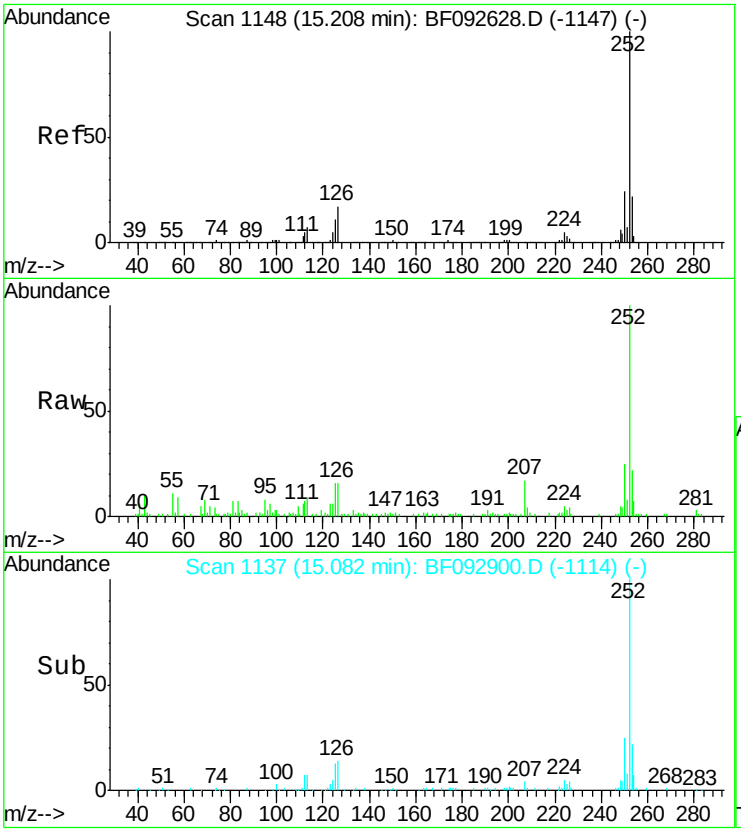


#87
Benzo(b)fluoranthene
Concen: 3.59 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Tgt Ion:252 Resp: 87707

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	15.8	9.8	14.6#



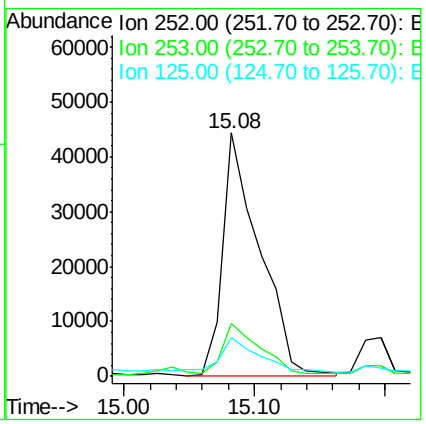


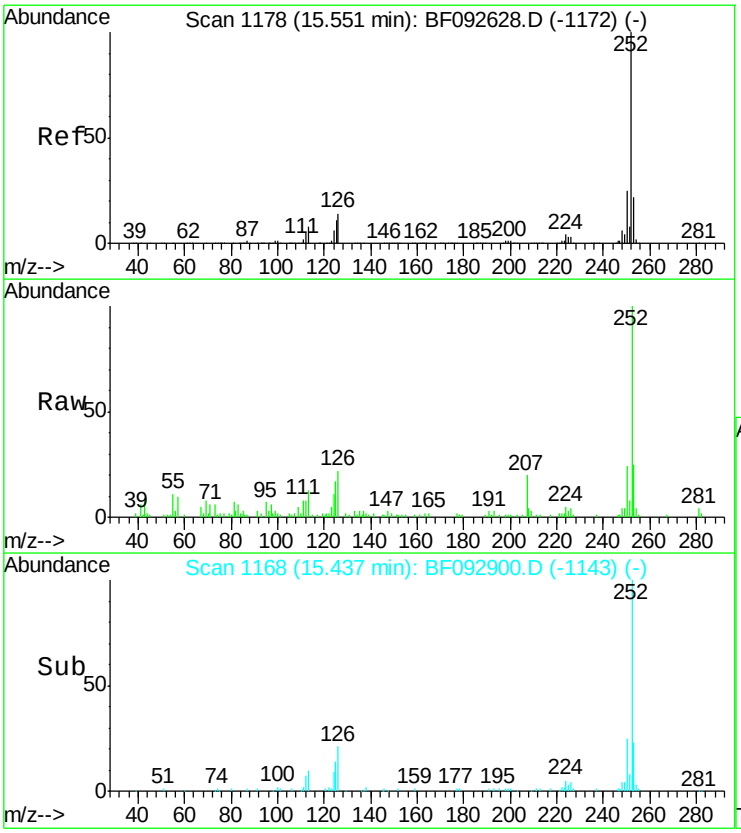
#88
Benzo(k)fluoranthene
Concen: 4.15 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Instrument :
BNA_F
ClientSampleId :
38-SB-03-0-2

Tgt Ion:252 Resp: 87707

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	15.8	8.9	13.3#





#89
Benzo(a)pyrene
Concen: 2.22 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF092900.D
Acq: 10 Feb 2017 23:07

Tgt Ion:252 Resp: 46936

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.2
125	17.4	10.0	15.0#