Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
Data File : BF092444.D
Acq On : 24 Jan 2017 22:18
Operator : UM/SJ
Sample : I1382-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-001-A

Quant Time: Jan 24 23:54:43 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	164166	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	656169	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	356451	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	587879	20.00	ng		-0.01
75) Chrysene-d12	14.16	240	418761	20.00	ng		-0.01
86) Perylene-d12	15.63	264	331225	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1638335	155.27	ng		0.02
7) Phenol-d6	6.59	99	1799931	133.92	ng		0.00
23) Nitrobenzene-d5	7.54	82	1322851	110.13	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	353843	145.67	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1886317	97.86	ng		-0.01
78) Terphenyl-d14	13.11	244	1723480	109.59	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	35270	3.70	ng		81
10) Phenol	6.60	94	147315	9.08	ng	#	75
15) Benzyl Alcohol	7.13	79	20640	2.04	ng	#	30
19) n-Nitroso-di-n-propylamine	7.54	70	174619	19.08	ng	#	79
25) Isophorone	7.54	82	1180578	49.87	ng	#	65
49) Dimethylphthalate	9.73	163	154269	6.81	ng		99
56) 2,4-Dinitrotoluene	10.03	165	45585	7.41	ng	#	18
64) 4,6-Dinitro-2-methylphenol	10.82	198	990	5.23	ng	#	1
66) 4-Bromophenyl-phenylether	10.82	248	27514	4.64	ng	#	1
70) Phenanthrene	11.54	178	78404	2.42	ng		98
74) Fluoranthene	12.73	202	145038	4.58	ng		97
77) Pyrene	12.96	202	129406	4.27	ng		98
80) Benzo(a)anthracene	14.15	228	56886	2.53	ng		98
82) Chrysene	14.15	228	56886	2.37	ng		96
87) Benzo(b)fluoranthene	15.20	252	78067	3.67	ng	#	95
88) Benzo(k)fluoranthene	15.20	252	78067	4.42	ng	#	94
89) Benzo(a)pyrene	15.56	252	40186	2.23	ng	#	95

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

Quantitation Report (Not Reviewed)

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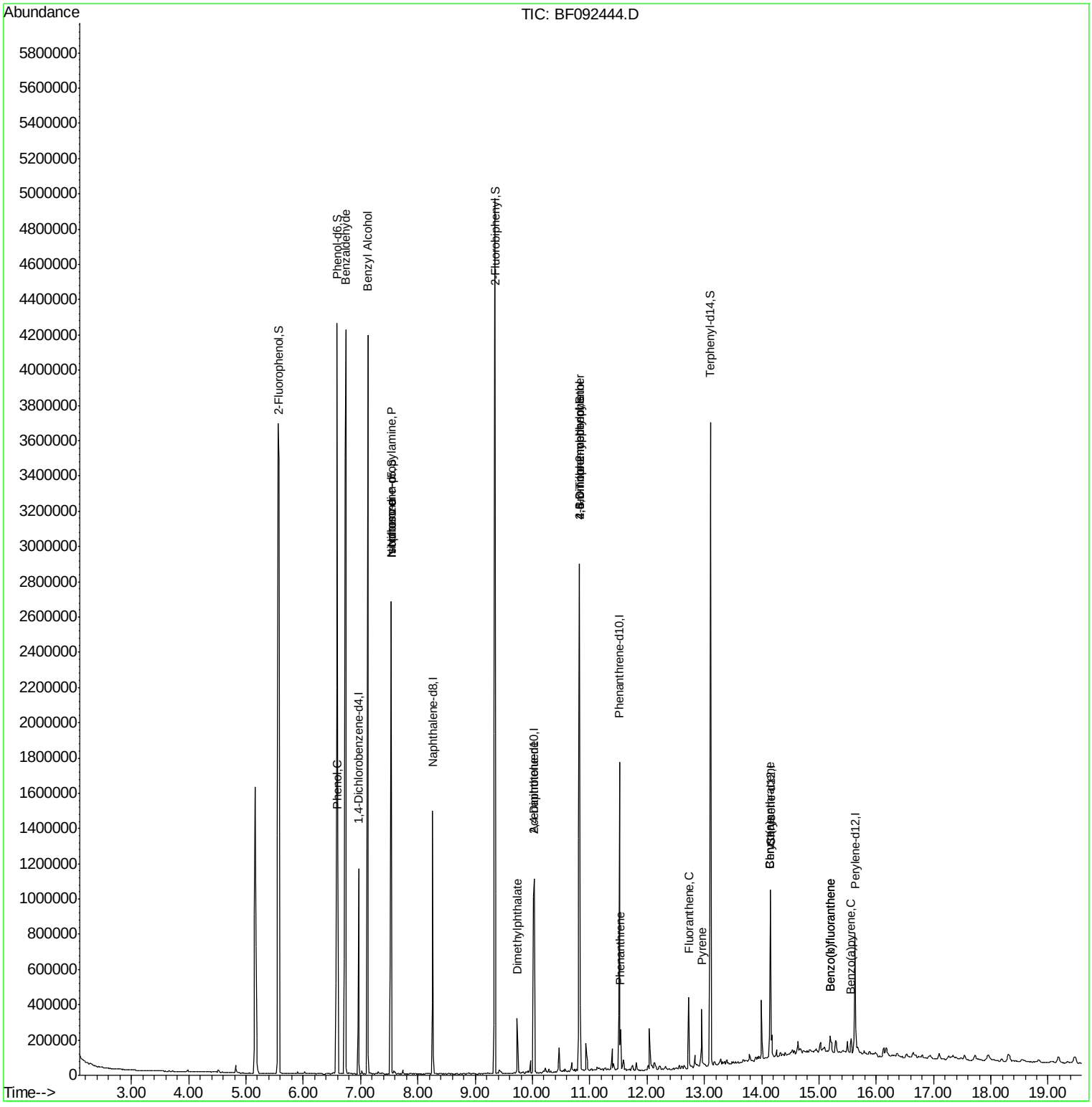
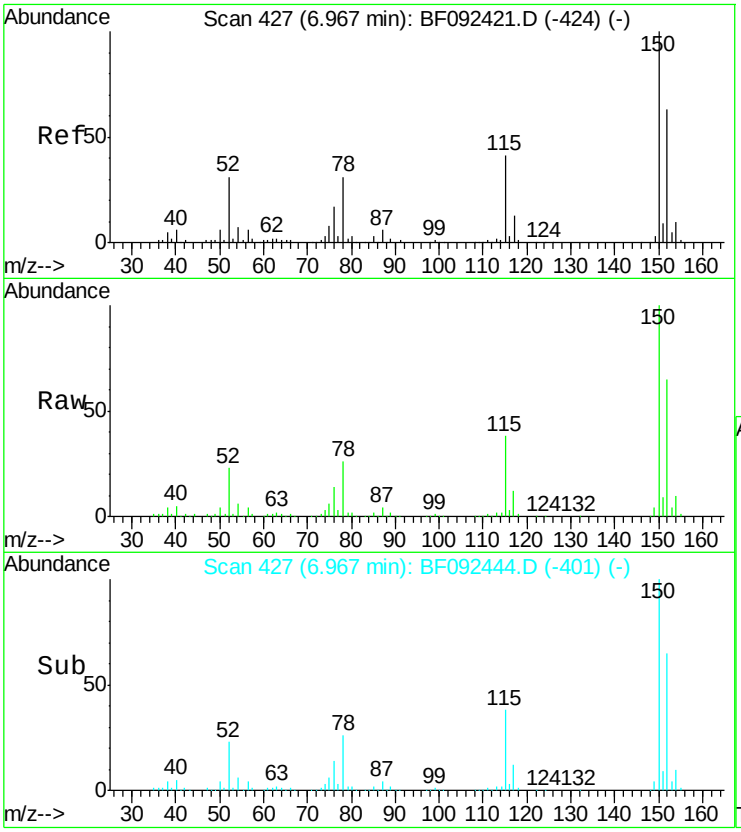


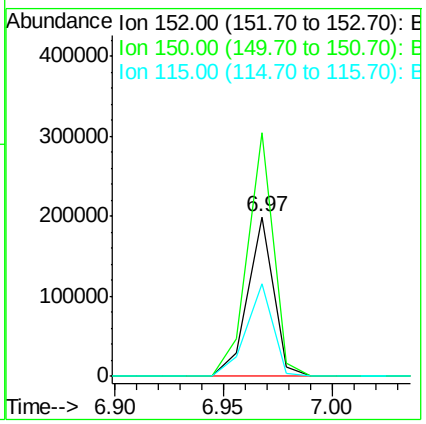


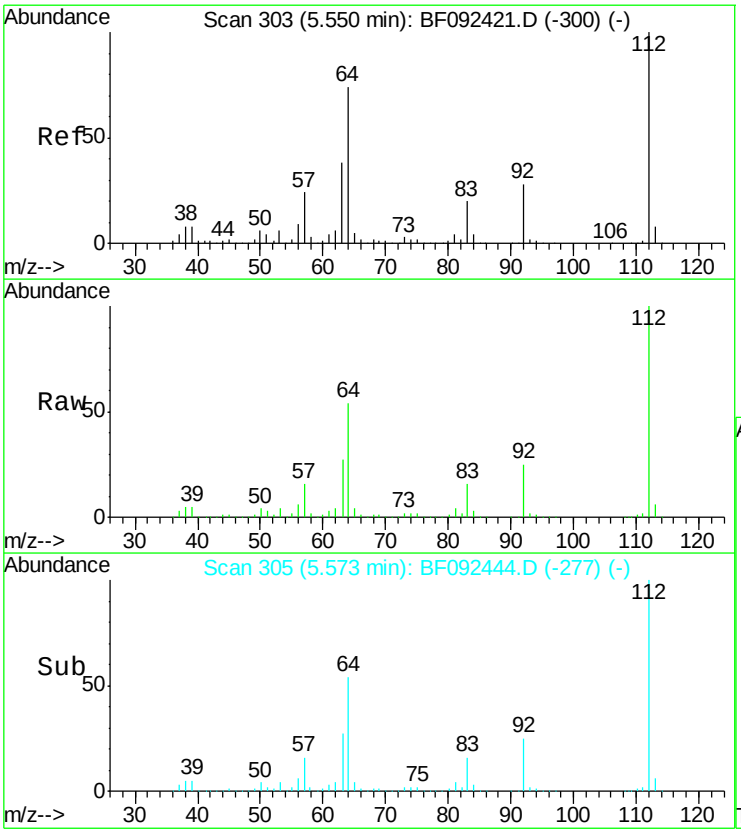
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

Tgt Ion:152 Resp: 164166

Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.9	187.3
115	58.4	46.0	69.0

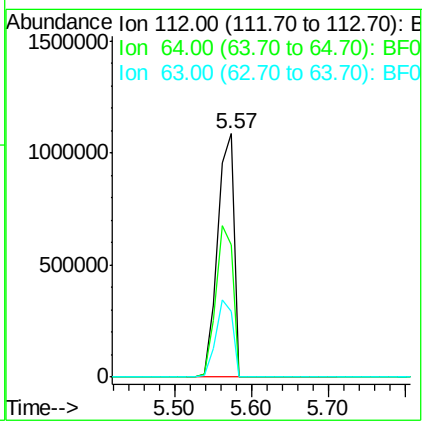


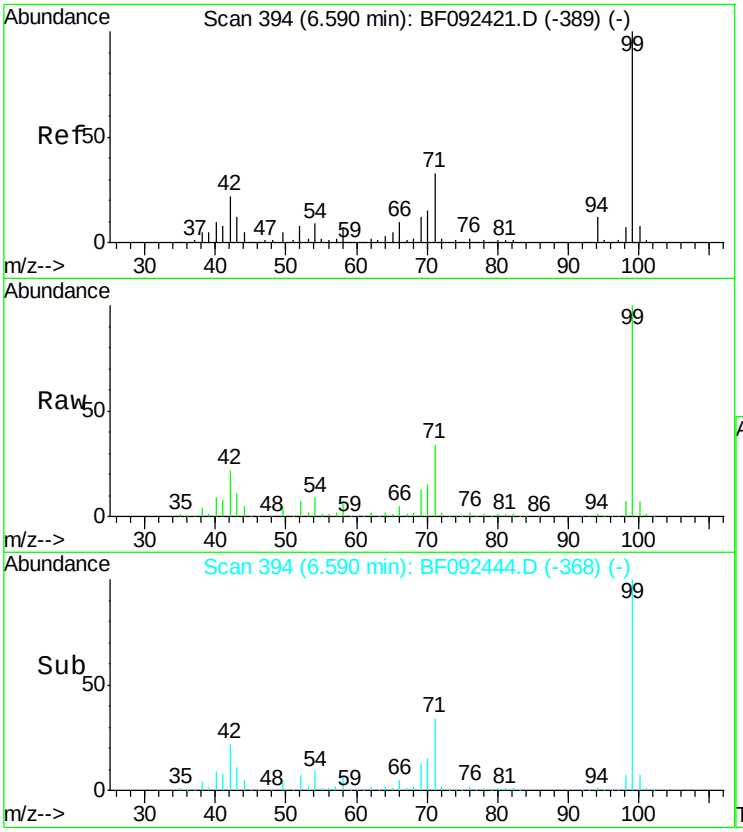


#5
2-Fluorophenol
Concen: 155.27 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Tgt Ion:112 Resp: 1638335

Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.1	69.1
63	27.1	23.8	35.6



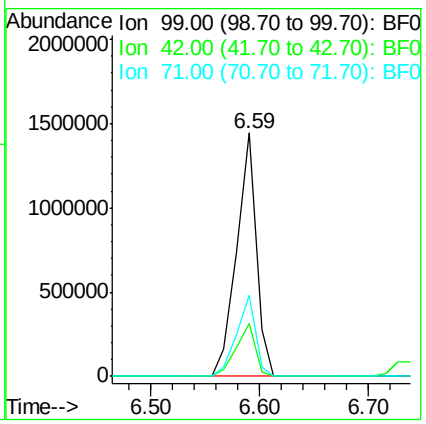


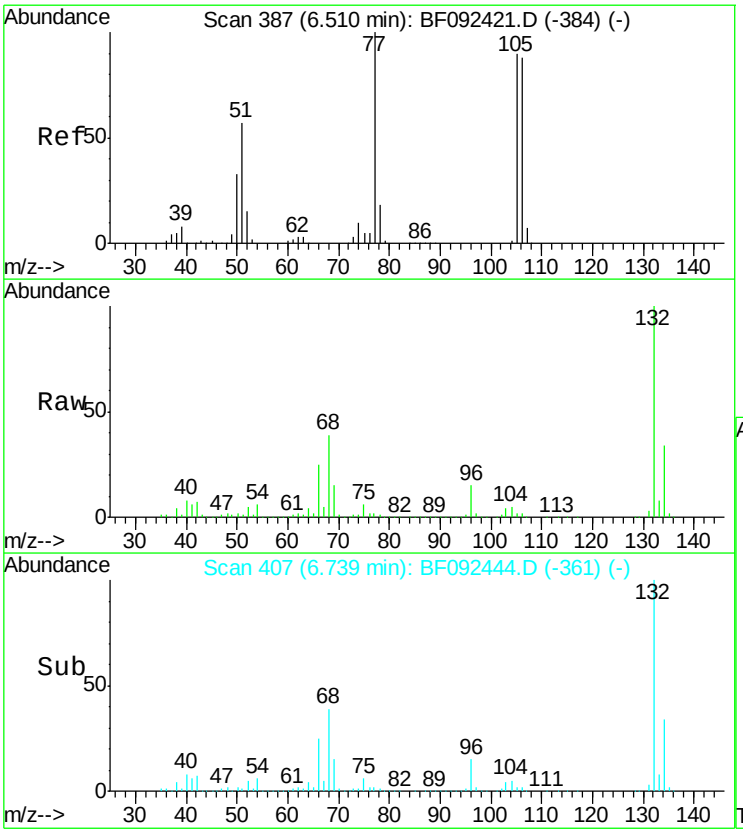
#7
Phenol-d6
Concen: 133.92 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

Tgt Ion: 99 Resp: 1799931

Ion	Ratio	Lower	Upper
99	100		
42	21.6	15.6	23.4
71	33.5	27.5	41.3

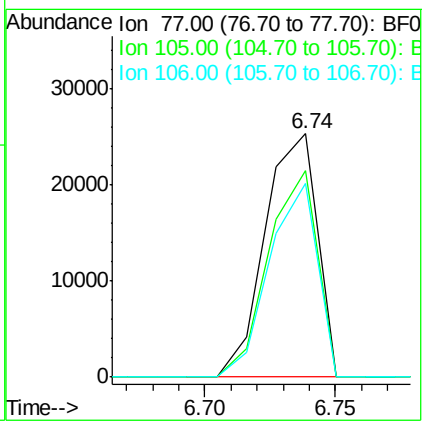


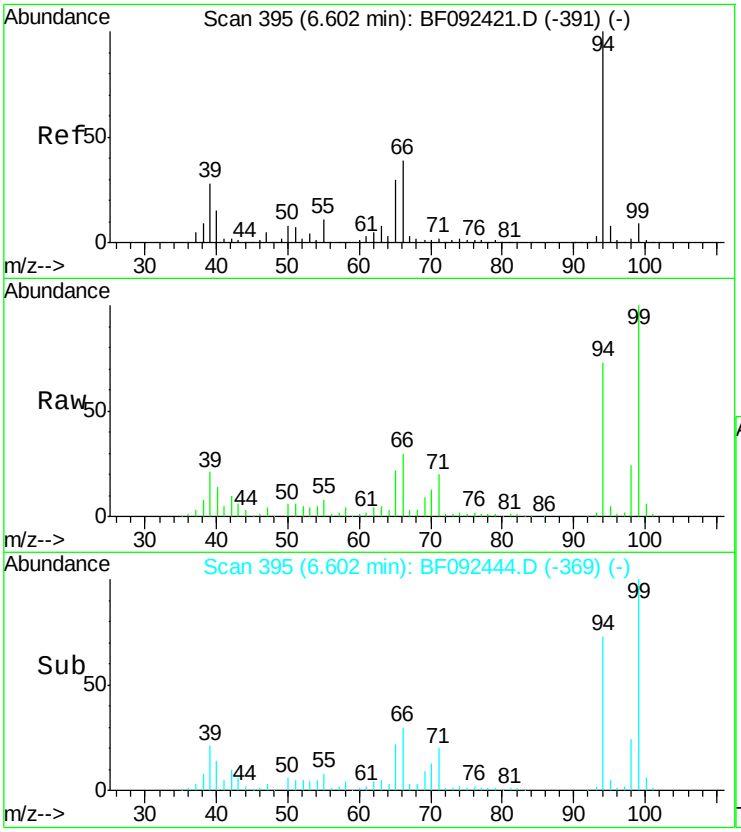


#9
Benzaldehyde
Concen: 3.70 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.23 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Tgt Ion: 77 Resp: 35270

Ion	Ratio	Lower	Upper
77	100		
105	84.7	83.9	123.9
106	79.4	77.6	117.6



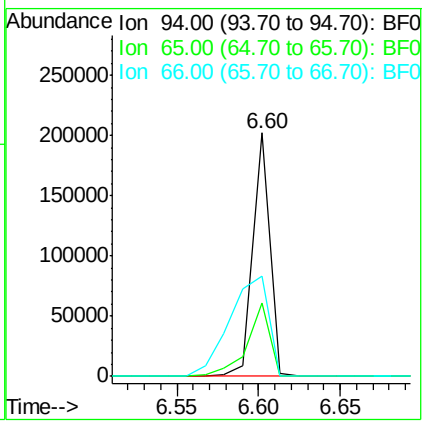


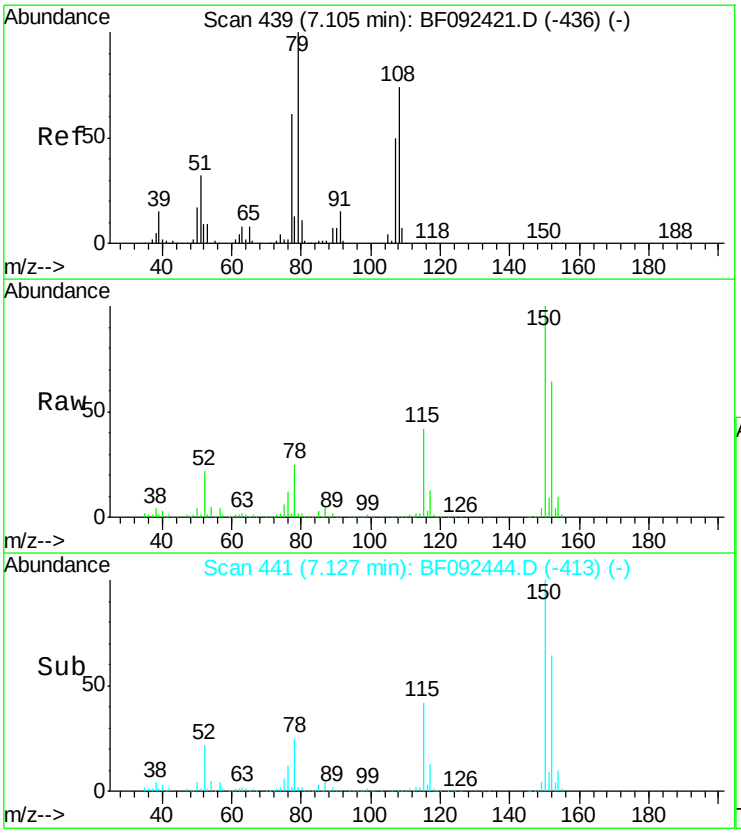
#10
Phenol
Concen: 9.08 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

Tgt Ion: 94 Resp: 147315

Ion	Ratio	Lower	Upper
94	100		
65	30.0	21.4	61.4
66	41.0	44.0	84.0#

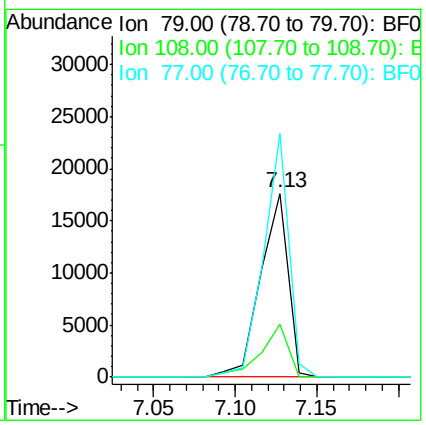


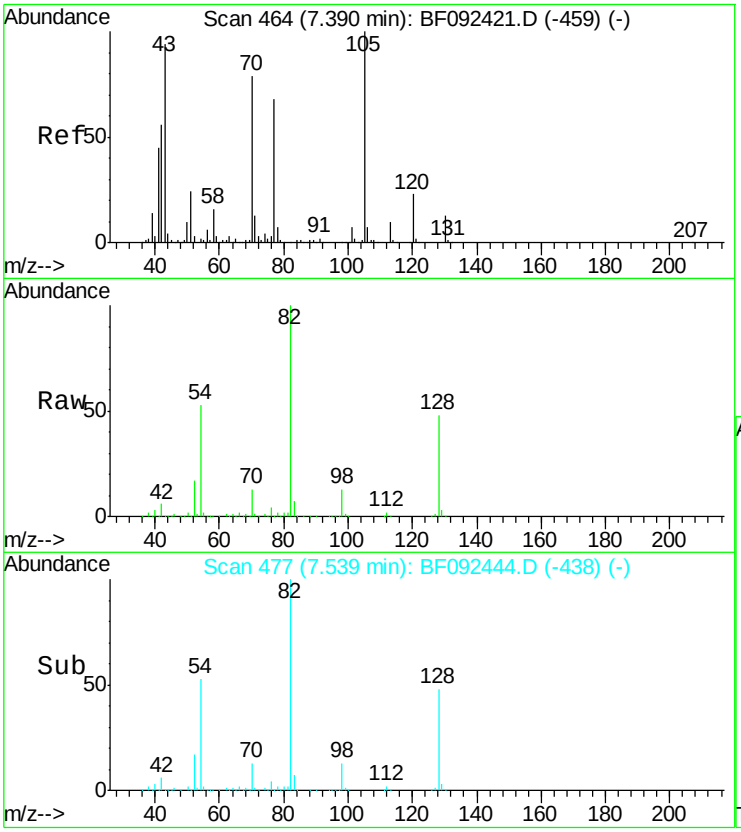


#15
Benzyl Alcohol
Concen: 2.04 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.02 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Tgt Ion: 79 Resp: 20640

Ion	Ratio	Lower	Upper
79	100		
108	29.0	61.4	92.0#
77	132.5	50.9	76.3#



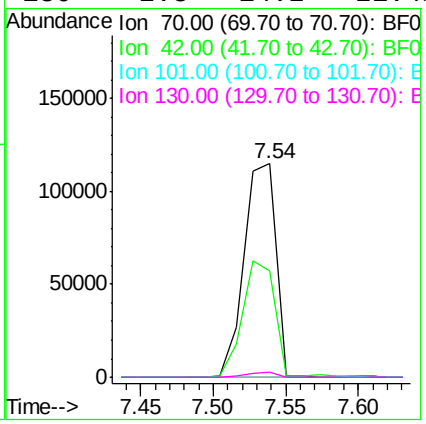


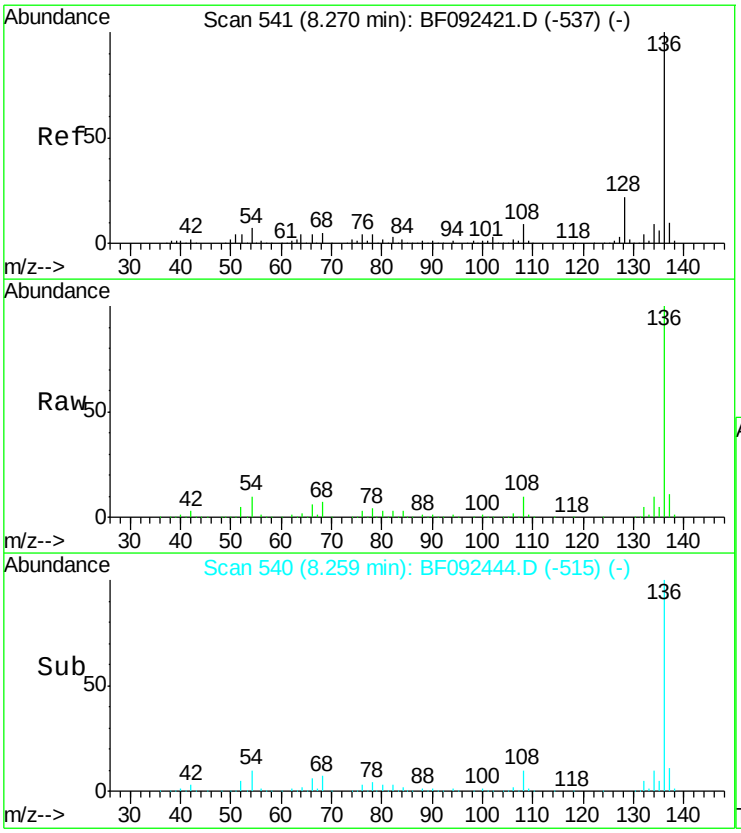
#19
n-Nitroso-di-n-propylamine
Concen: 19.08 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

Tgt Ion: 70 Resp: 174619

Ion	Ratio	Lower	Upper
70	100		
42	49.7	49.4	74.0
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#

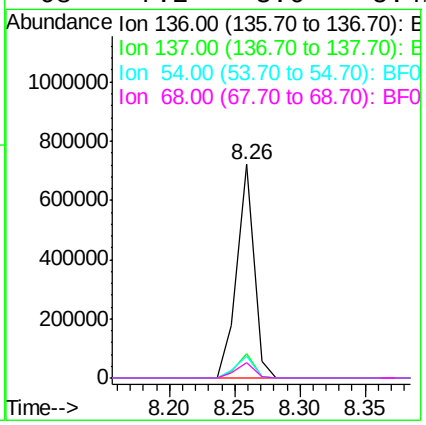


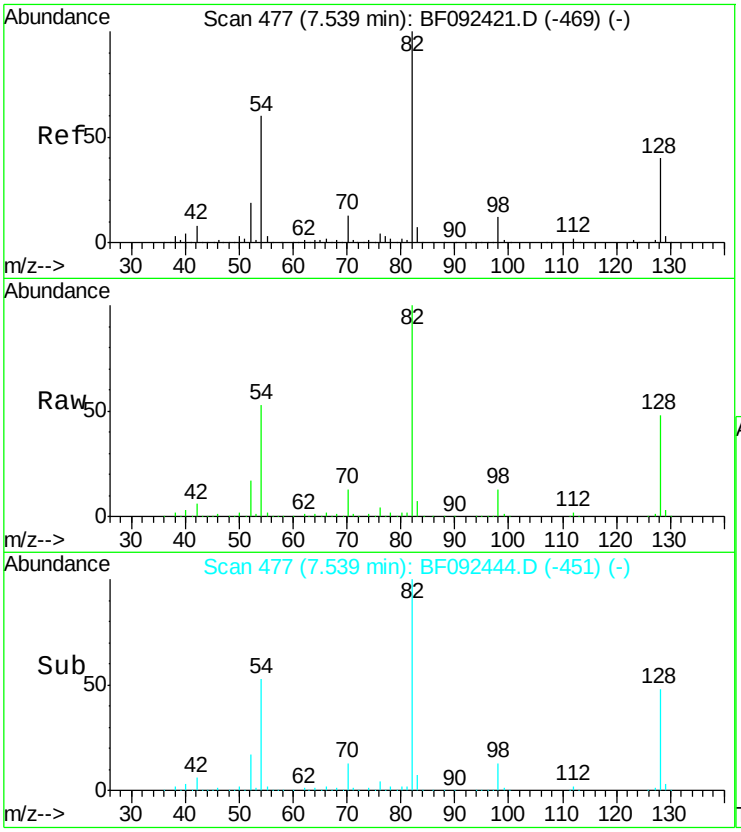


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Tgt Ion:136 Resp: 656169

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	10.3	4.5	6.7#
68	7.2	3.6	5.4#



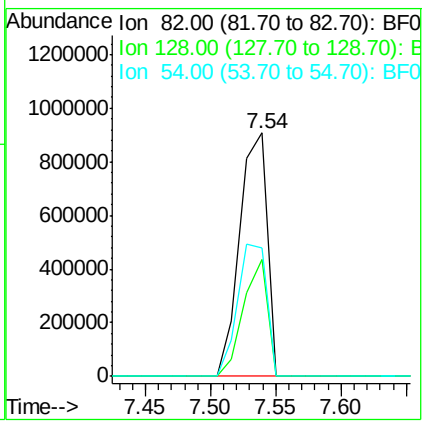


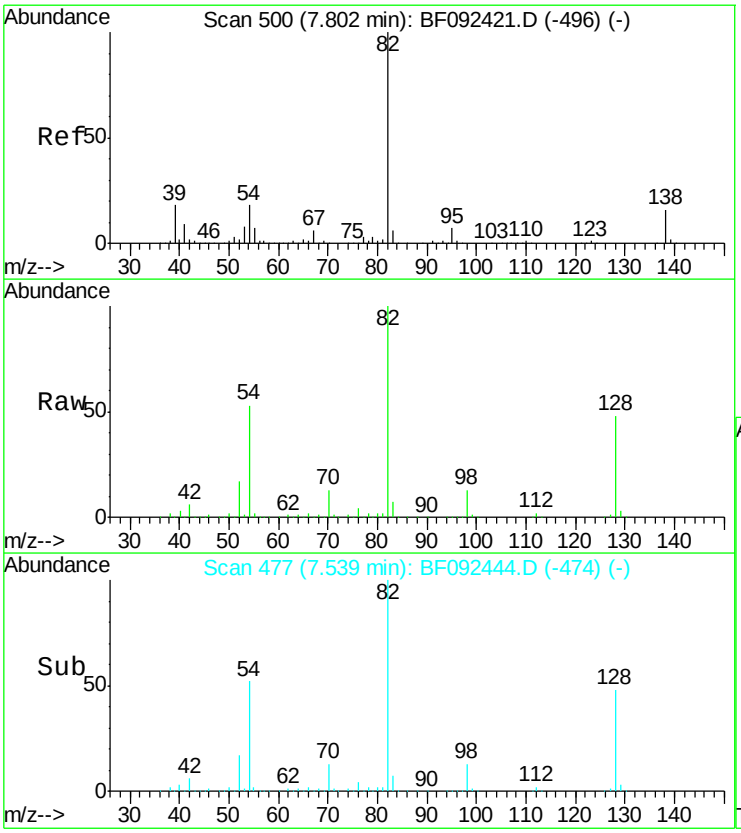
#23
Nitrobenzene-d5
Concen: 110.13 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

Tgt Ion: 82 Resp: 1322851

Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.6	52.0
54	52.6	39.5	59.3

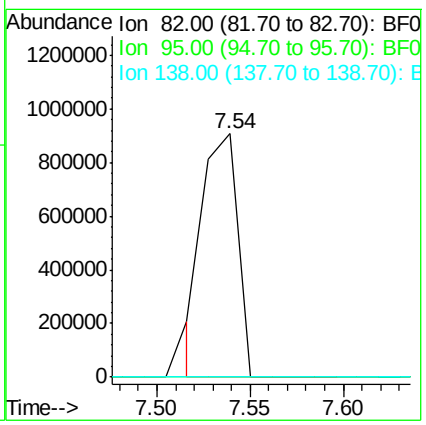


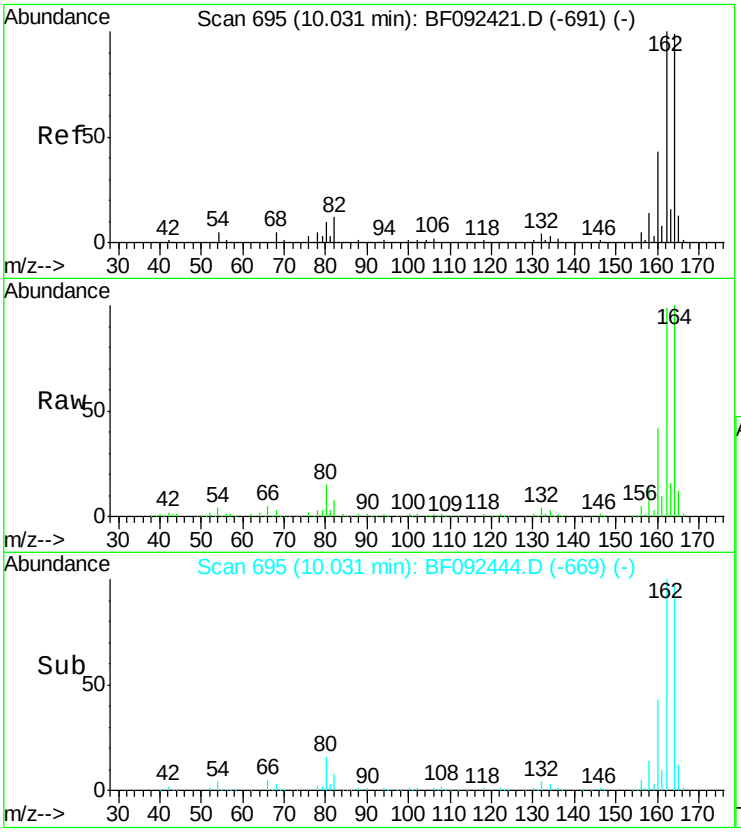


#25
Isophorone
Concen: 49.87 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Tgt Ion: 82 Resp: 1180578

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



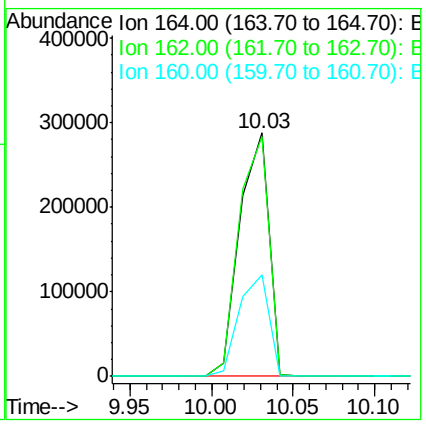


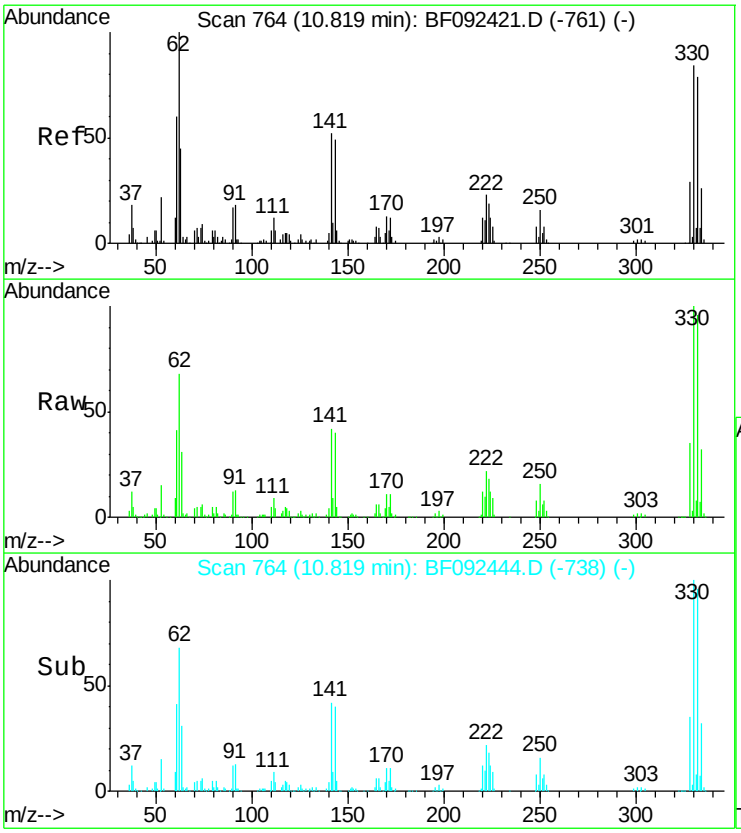
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

Tgt Ion:164 Resp: 356451

Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.2	120.2
160	41.9	36.9	55.3

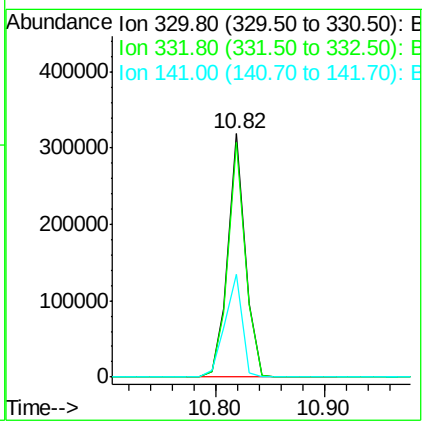


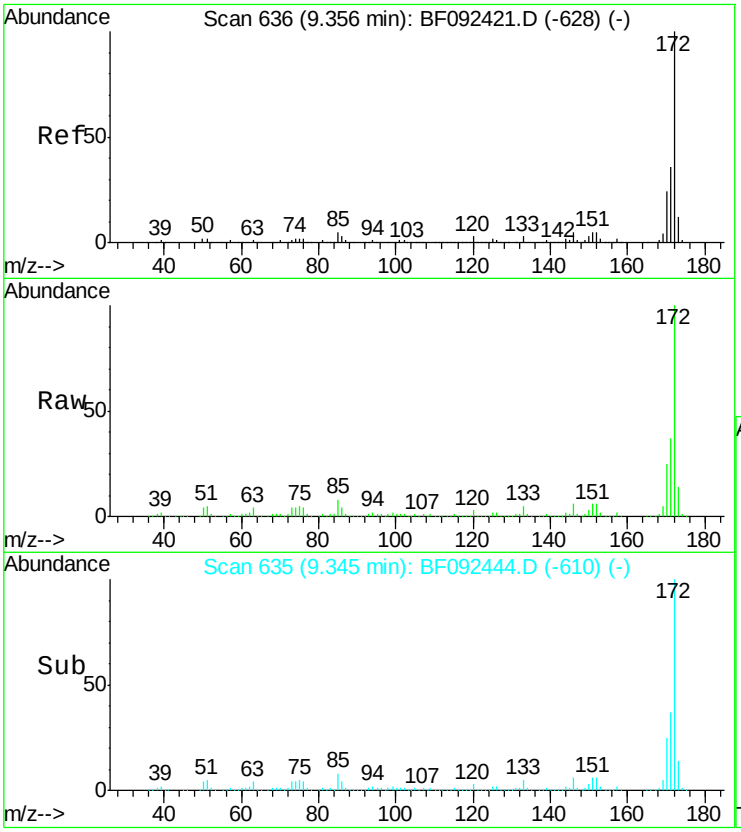


#41
2,4,6-Tribromophenol
Concen: 145.67 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Tgt Ion:330 Resp: 353843

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	41.9	34.1	51.1



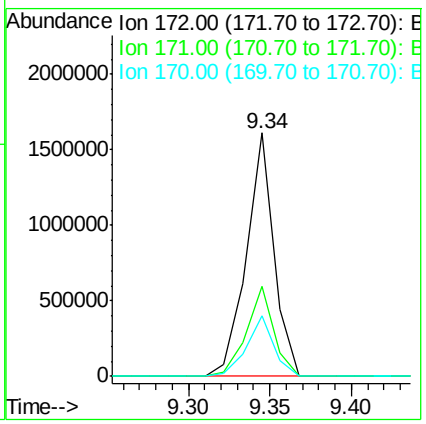


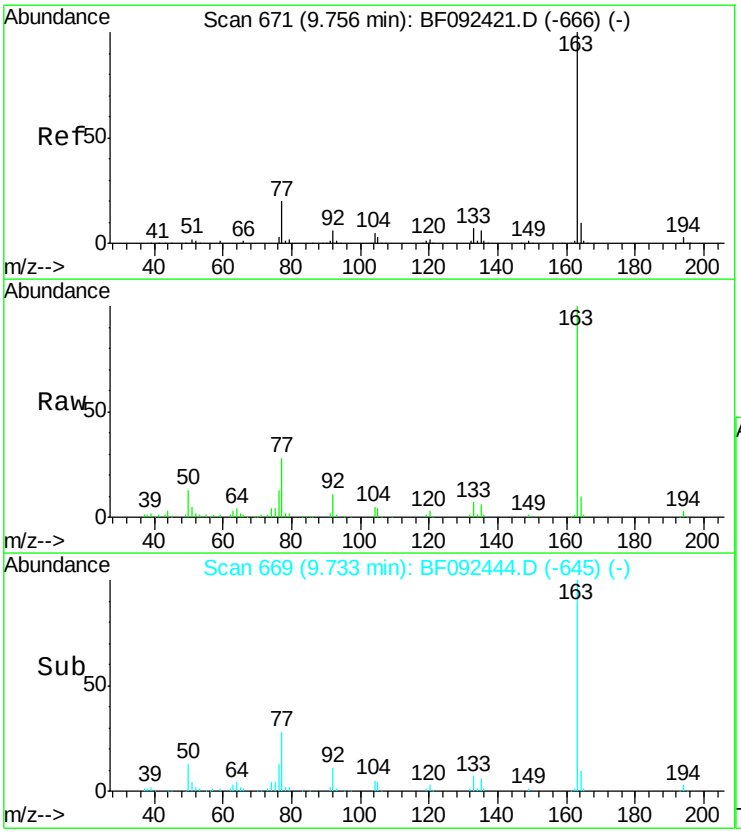
#44
2-Fluorobiphenyl
Concen: 97.86 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

Tgt Ion:172 Resp: 1886317

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.0
170	24.8	20.2	30.4

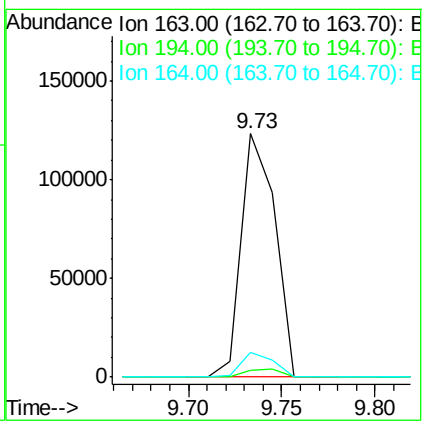


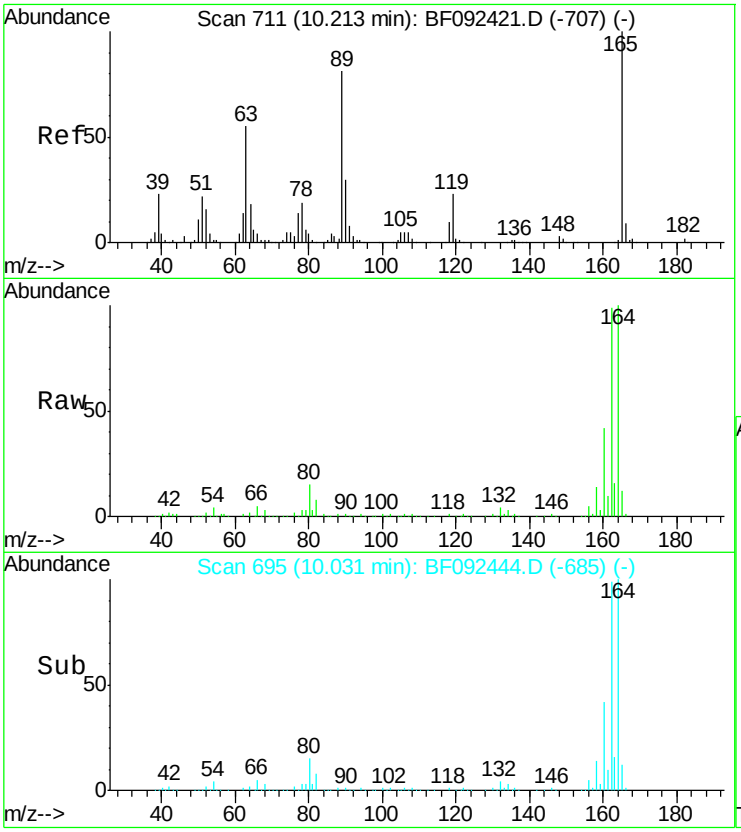


#49
Dimethylphthalate
Concen: 6.81 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Tgt Ion:163 Resp: 154269

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



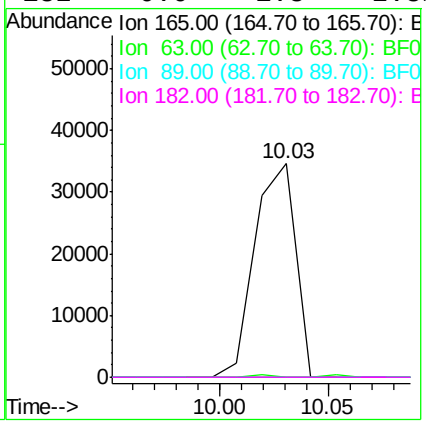


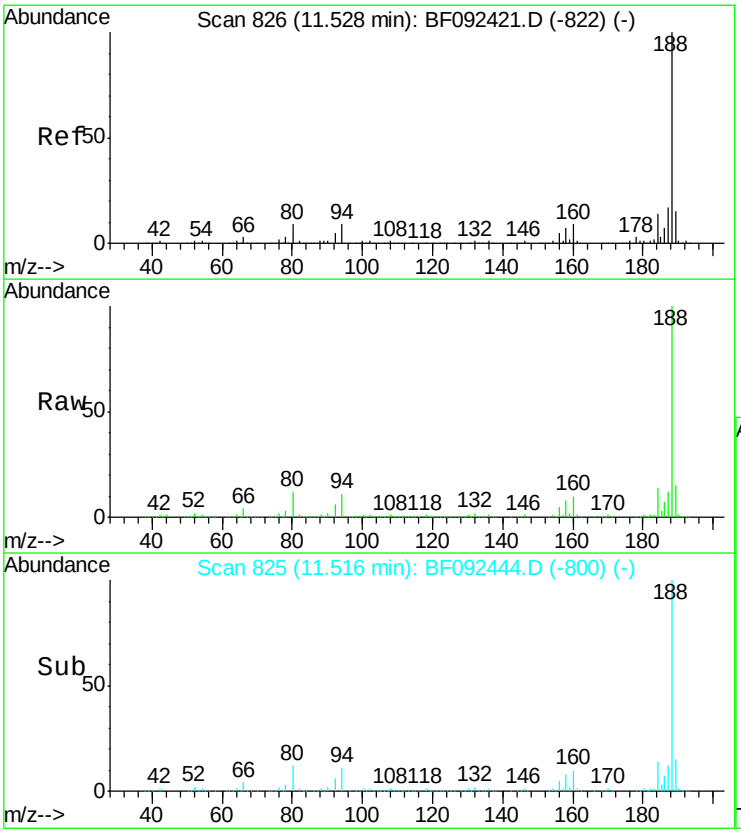
#56
2,4-Dinitrotoluene
Concen: 7.41 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

Tgt Ion:165 Resp: 45585

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

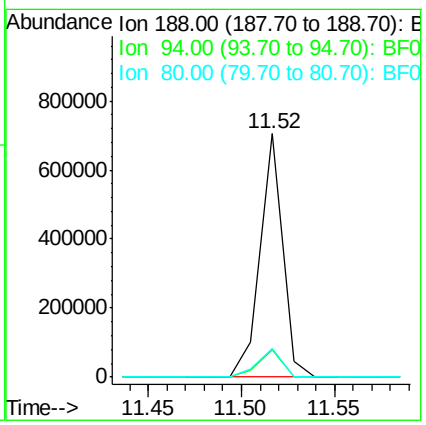


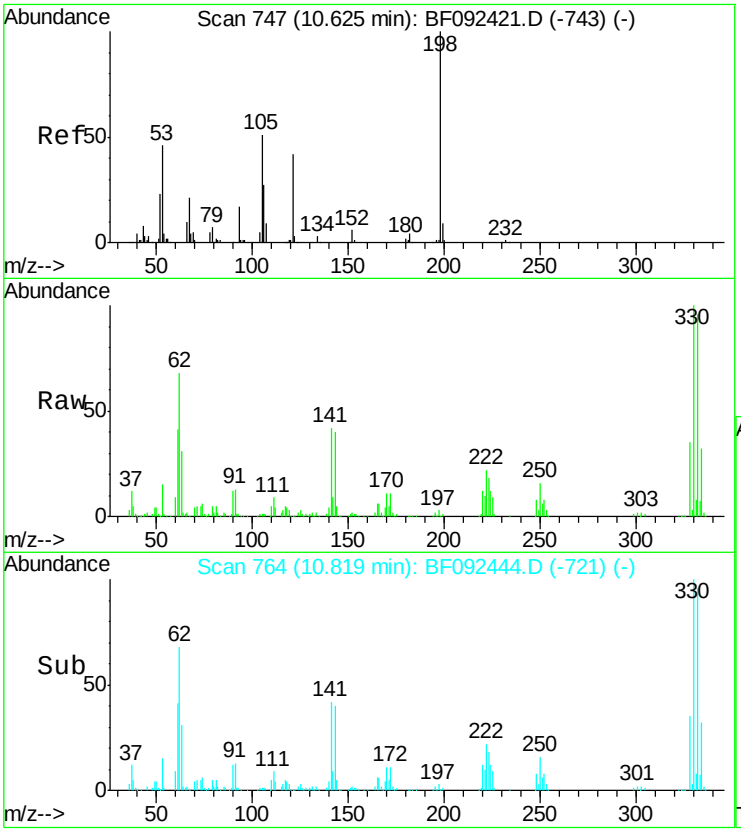


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Tgt Ion:188 Resp: 587879

Ion	Ratio	Lower	Upper
188	100		
94	11.1	10.0	15.0
80	11.8	11.2	16.8



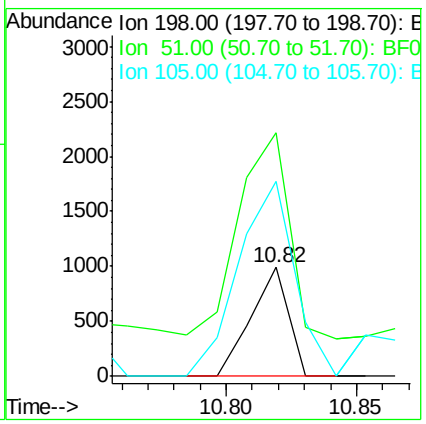


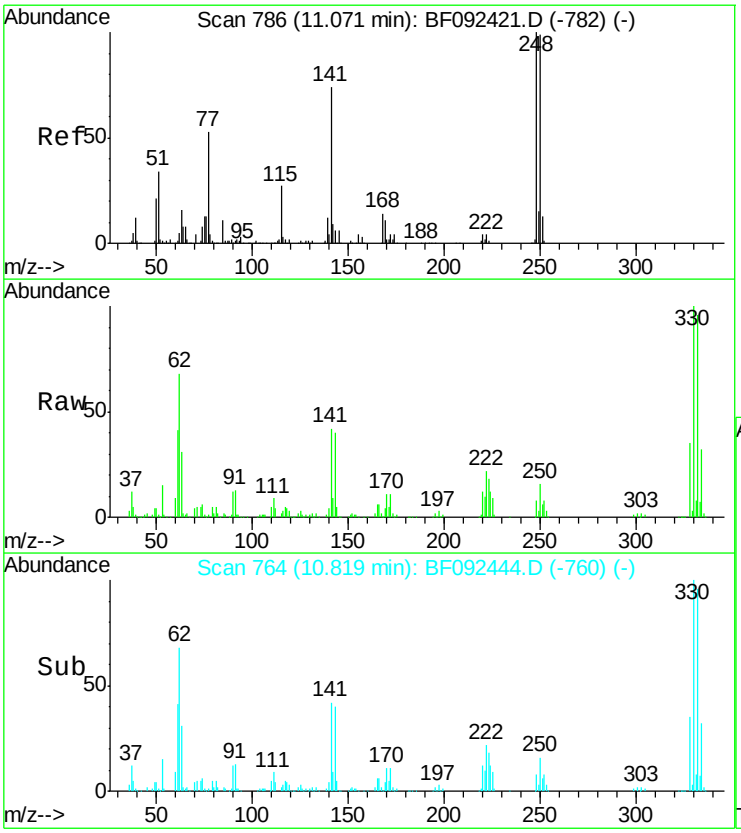
#64
4,6-Dinitro-2-methylphenol
Concen: 5.23 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.20 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

Tgt Ion:198 Resp: 990

Ion	Ratio	Lower	Upper
198	100		
51	223.9	6.7	46.7#
105	179.6	16.6	56.6#

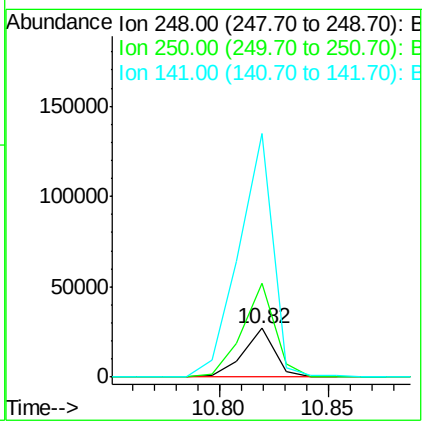


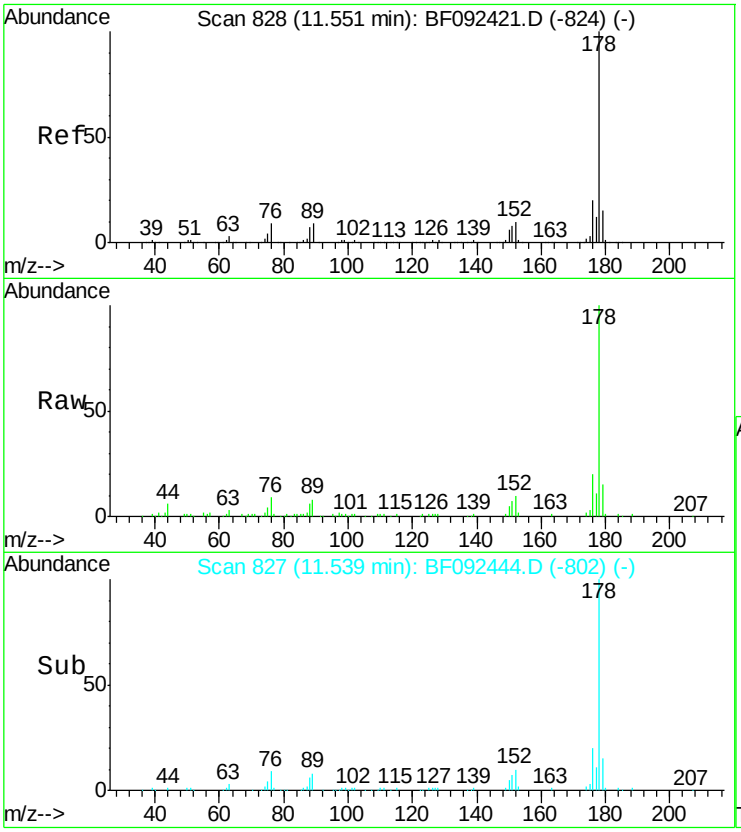


#66
4-Bromophenyl-phenylether
Concen: 4.64 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.25 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Tgt Ion:248 Resp: 27514

Ion	Ratio	Lower	Upper
248	100		
250	193.2	76.9	115.3#
141	501.1	68.2	102.4#



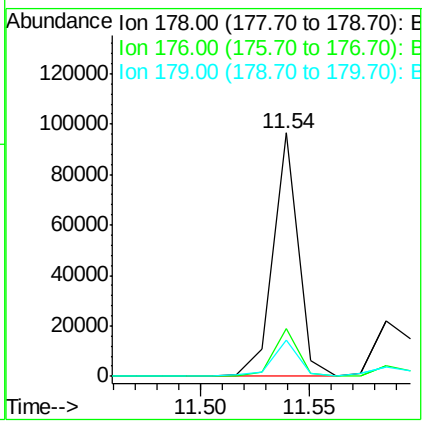


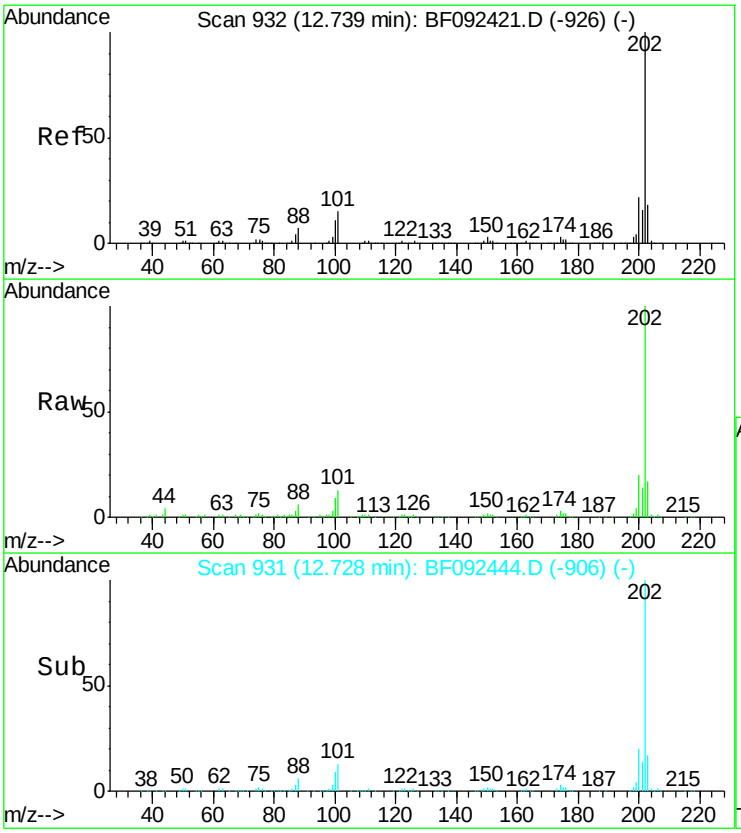
#70
Phenanthrene
Concen: 2.42 ng
RT: 11.54 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

Tgt Ion:178 Resp: 78404

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	14.9	12.8	19.2

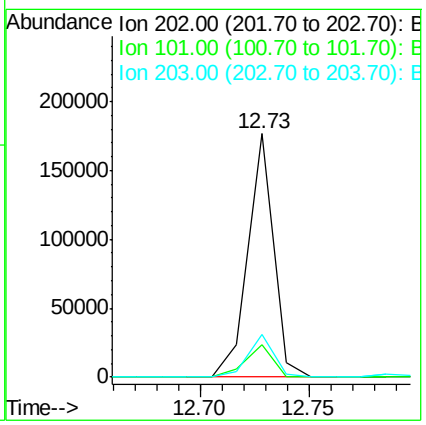


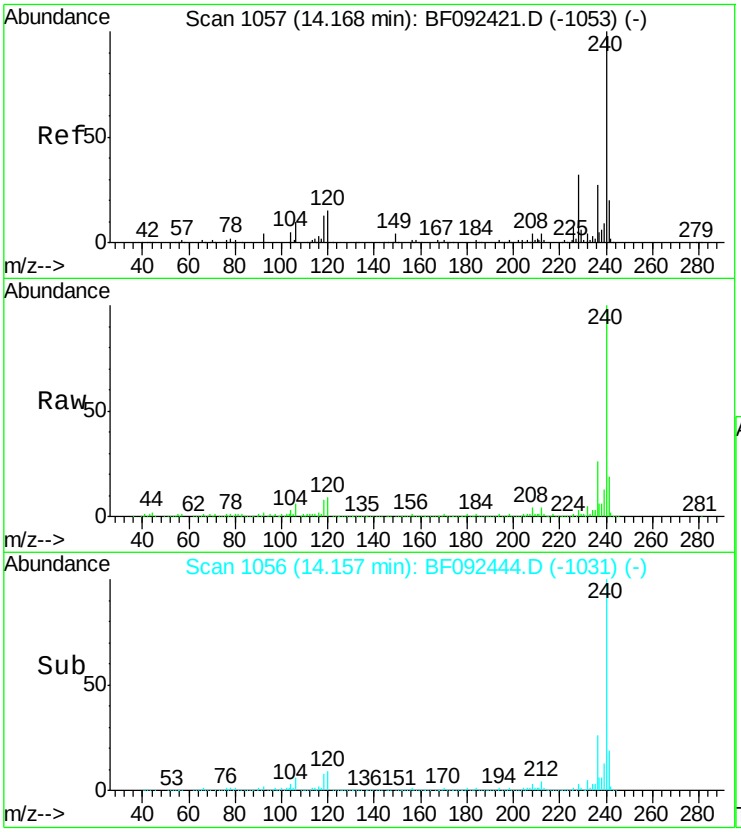


#74
Fluoranthene
Concen: 4.58 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Tgt Ion:202 Resp: 145038

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.6
203	17.5	0.0	38.7



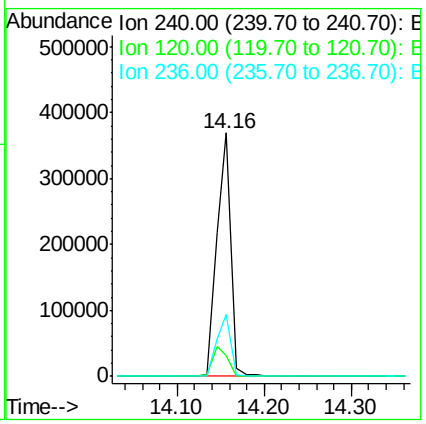


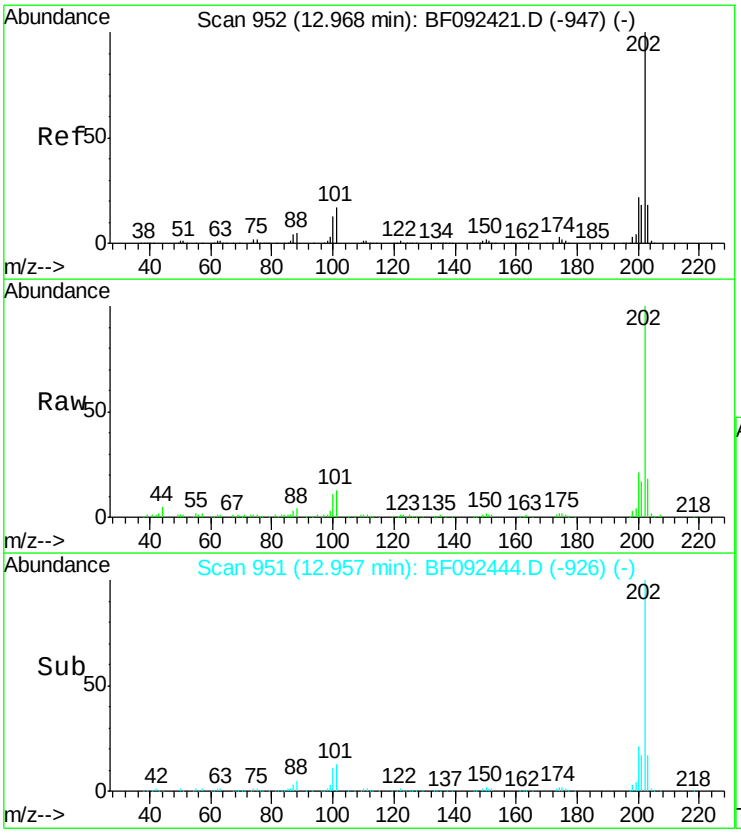
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

Tgt Ion:240 Resp: 418761

Ion	Ratio	Lower	Upper
240	100		
120	8.8	12.9	19.3#
236	25.5	20.9	31.3

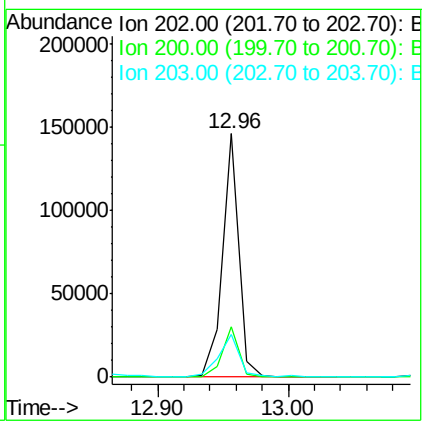


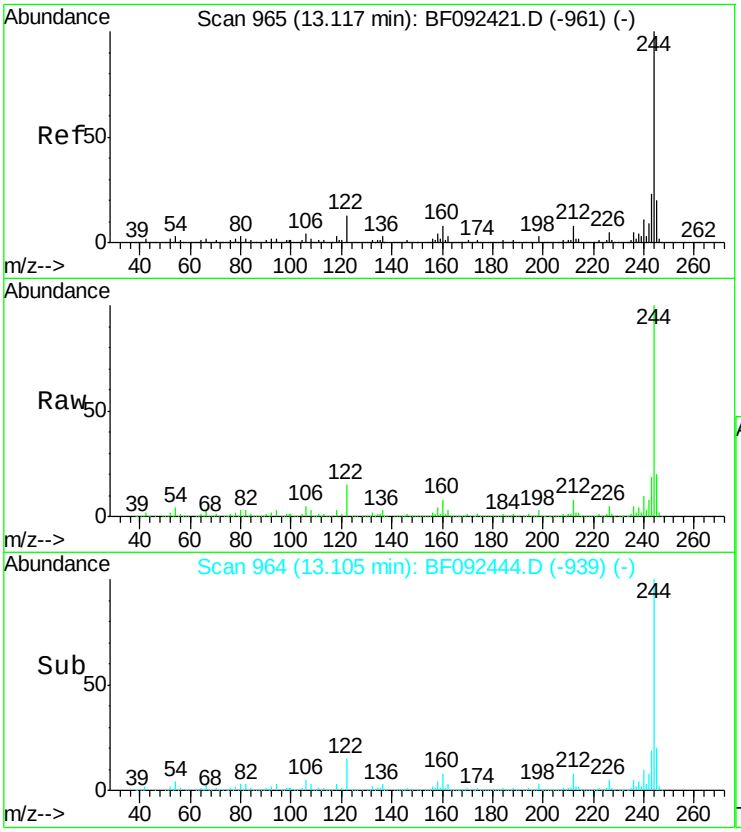


#77
Pyrene
Concen: 4.27 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Tgt Ion:202 Resp: 129406

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.7	26.5
203	17.7	14.7	22.1



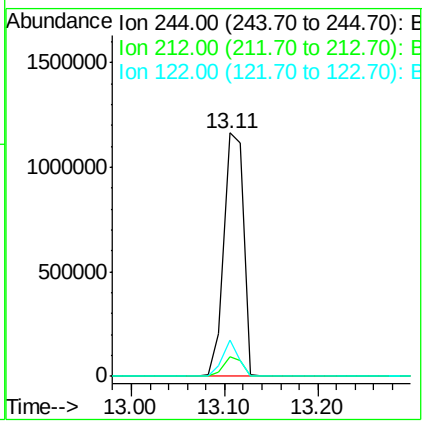


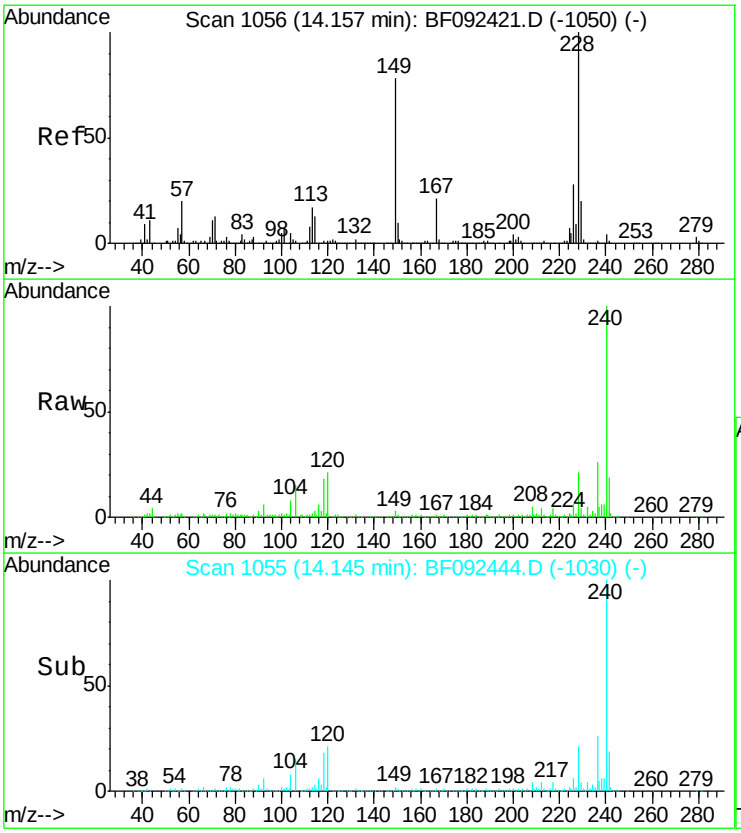
#78
Terphenyl-d14
Concen: 109.59 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

Tgt Ion:244 Resp: 1723480

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	14.9	11.4	17.2

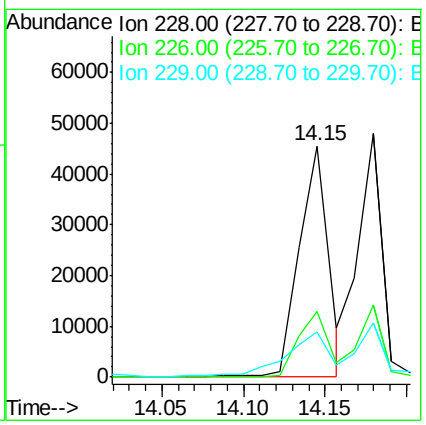


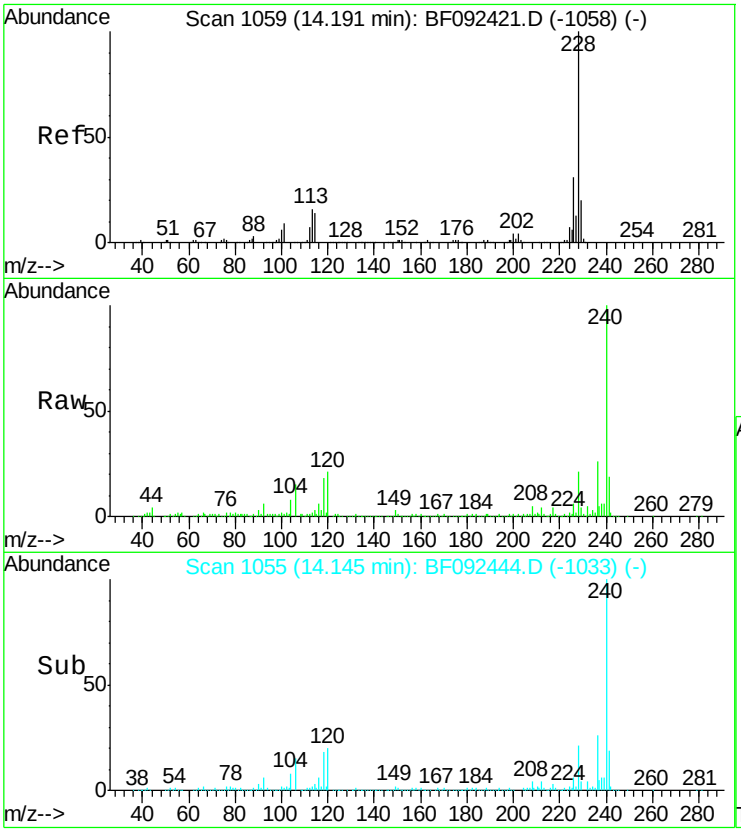


#80
Benzo(a)anthracene
Concen: 2.53 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Tgt Ion:228 Resp: 56886

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.4	33.6
229	19.4	16.2	24.4



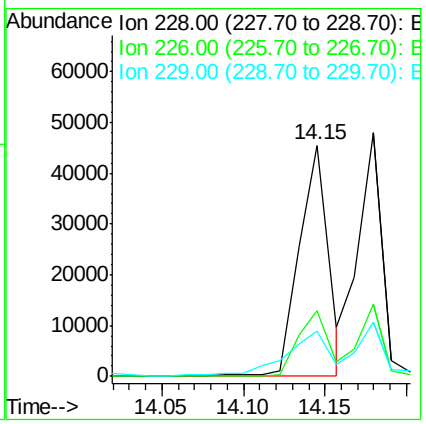


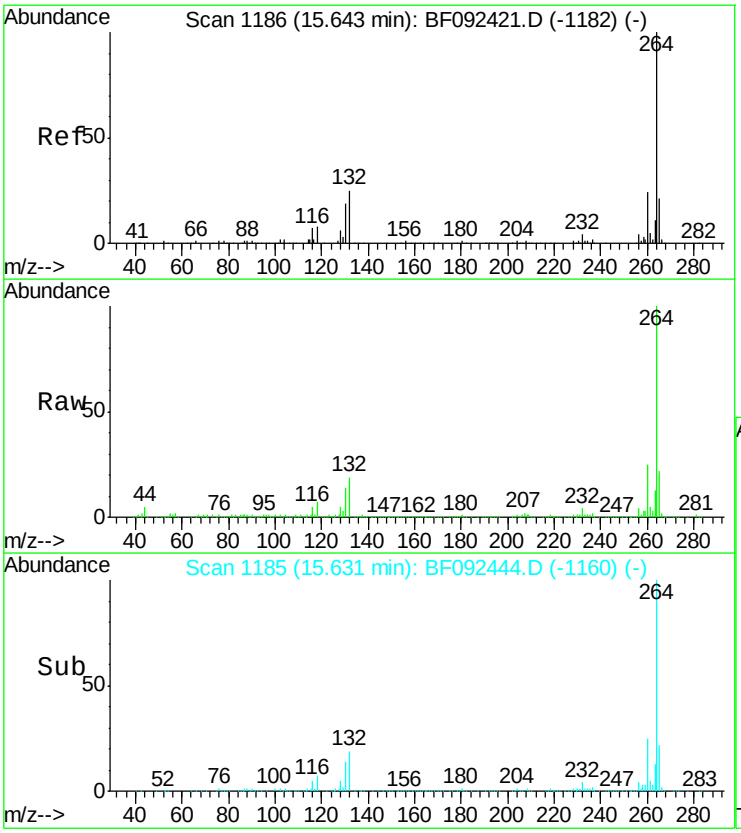
#82
Chrysene
Concen: 2.37 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.05 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

Tgt Ion:228 Resp: 56886

Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.4	38.0
229	19.4	16.2	24.2

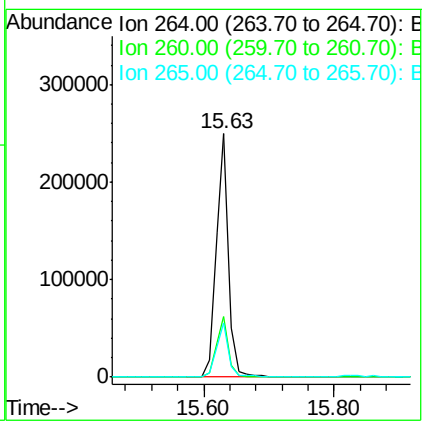


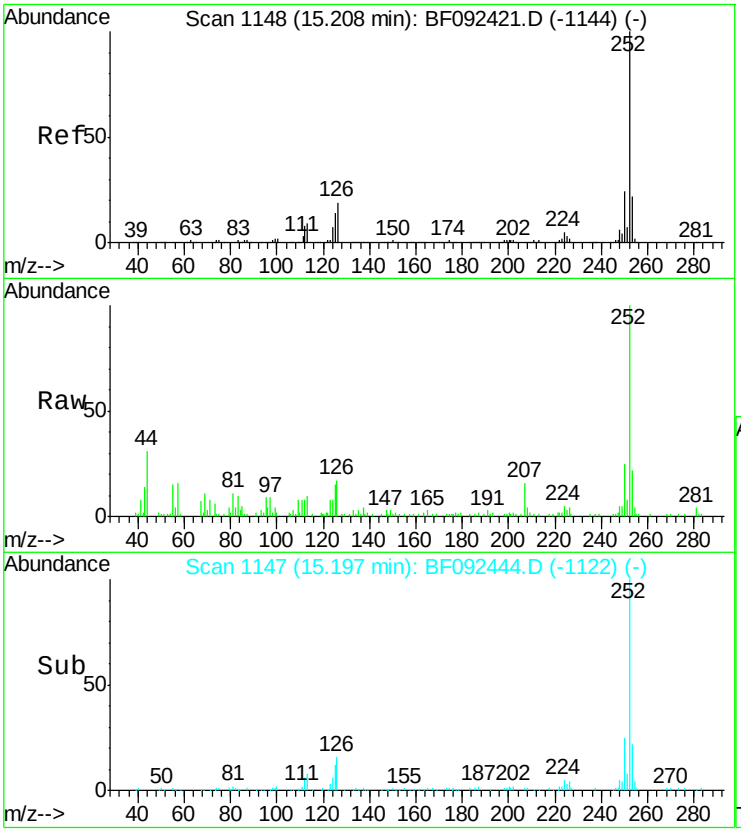


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Tgt Ion:264 Resp: 331225

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.0	17.4	26.0



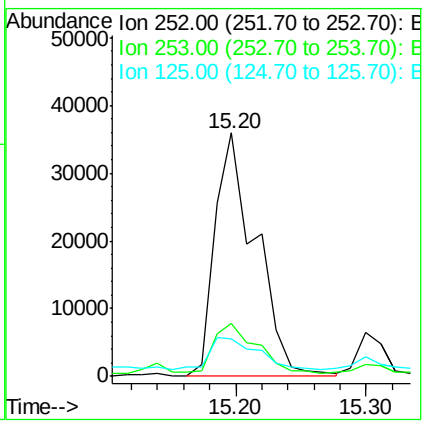


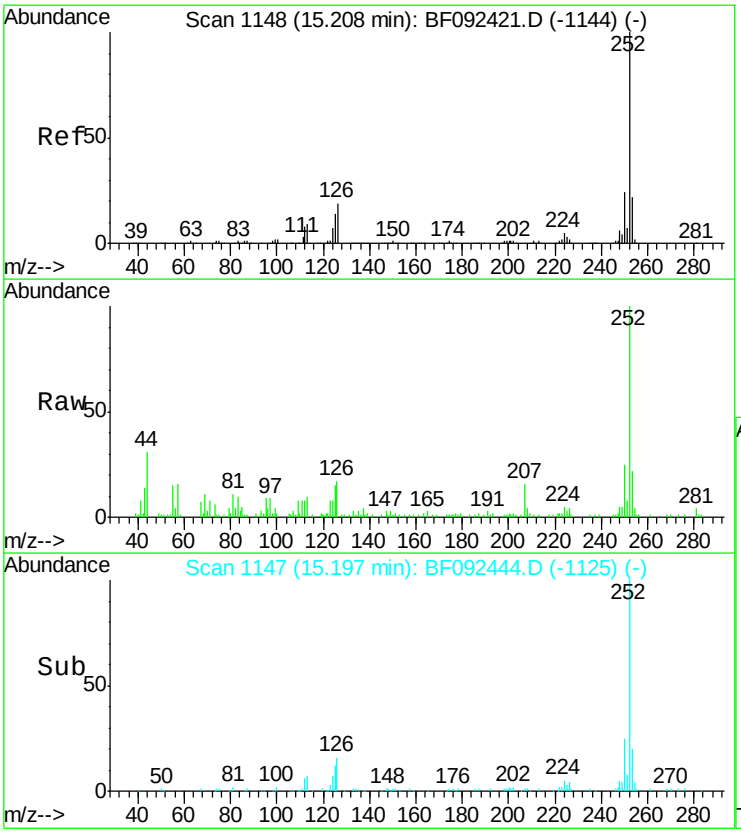
#87
Benzo(b)fluoranthene
Concen: 3.67 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

Tgt Ion:252 Resp: 78067

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	15.4	9.8	14.6#

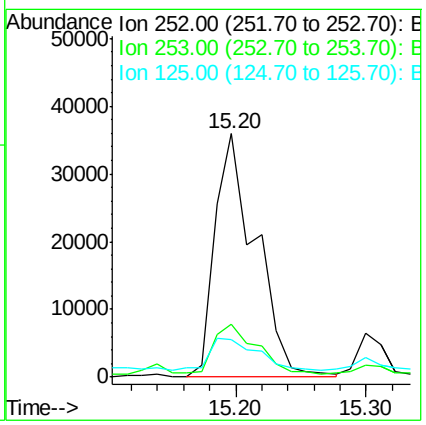


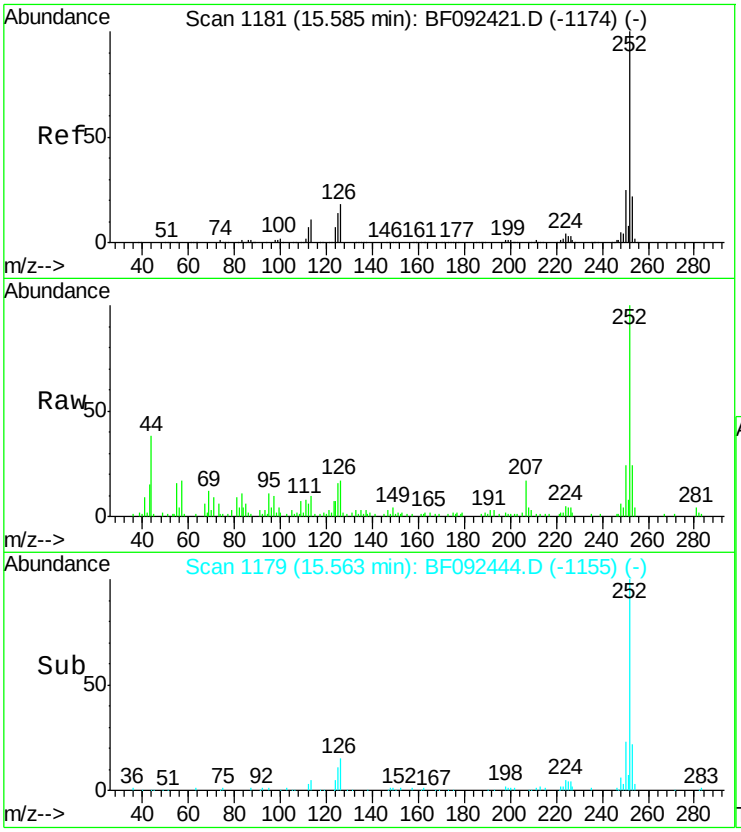


#88
Benzo(k)fluoranthene
Concen: 4.42 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Tgt Ion:252 Resp: 78067

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.5	27.7
125	15.4	8.9	13.3#





#89
Benzo(a)pyrene
Concen: 2.23 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

Tgt Ion:252 Resp: 40186

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	15.7	10.0	15.0#