Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072017\

Quantitation Report (Not Reviewed)

Data File : BF096913.D
Acq On : 20 Jul 2017 18:44
Operator : SJ/JU
Sample : I4246-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-4-5-6-7-COMP

Quant Time: Jul 21 03:26:47 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	104835	20.00	ng		-0.03
21) Naphthalene-d8	7.85	136	354254	20.00	ng		-0.04
38) Acenaphthene-d10	9.60	164	133087	20.00	ng		-0.03
63) Phenanthrene-d10	11.08	188	189968	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	180204	20.00	ng		-0.02
86) Perylene-d12	15.07	264	181974	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	399088	57.24	ng		-0.01
7) Phenol-d6	6.25	99	377797	45.15	ng		0.00
23) Nitrobenzene-d5	7.14	82	468394	81.90	ng		-0.03
41) 2,4,6-Tribromophenol	10.40	330	127103	111.89	ng		-0.02
44) 2-Fluorobiphenyl	8.94	172	807213	95.83	ng		-0.02
78) Terphenyl-d14	12.66	244	504167	48.52	ng		-0.03
Target Compounds							Qvalue
3) Pyridine	2.79	79	188233	24.97	ng	#	79
9) Benzaldehyde	6.12	77	13611	2.81	ng		94
15) Benzyl Alcohol	6.73	79	11365	2.07	ng	#	49
22) Acetophenone	6.98	105	89169	11.26	ng	#	96
24) Nitrobenzene	7.13	77	14299	2.42	ng	#	73
25) Isophorone	7.53	82	47195	4.44	ng	#	76
32) Benzoic acid	7.57	122	8730	2.52	ng		96
47) 2-Nitroaniline	9.15	65	20653	7.15	ng	#	26
50) 2,6-Dinitrotoluene	9.38	165	4897	2.26	ng	#	1
52) 3-Nitroaniline	9.57	138	6798	2.64	ng	#	22
53) 2,4-Dinitrophenol	9.63	184	238	6.94	ng	#	1
55) 4-Nitrophenol	9.71	139	5227	2.78	ng	#	1
59) Diethylphthalate	10.03	149	19600	2.01	ng	#	89
60) 4-Chlorophenyl-phenylether	10.18	204	1373	Below Cal		#	26
66) 4-Bromophenyl-phenylether	10.40	248	8250	4.25	ng	#	1
85) Indeno(1,2,3-cd)pyrene	16.33	276	157	3.34	ng	#	44

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072017\

Quantitation Report (Not Reviewed)

Data File : BF096913.D
Acq On : 20 Jul 2017 18:44
Operator : SJ/JU
Sample : I4246-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-4-5-6-7-COMP

Quant Time: Jul 21 03:26:47 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
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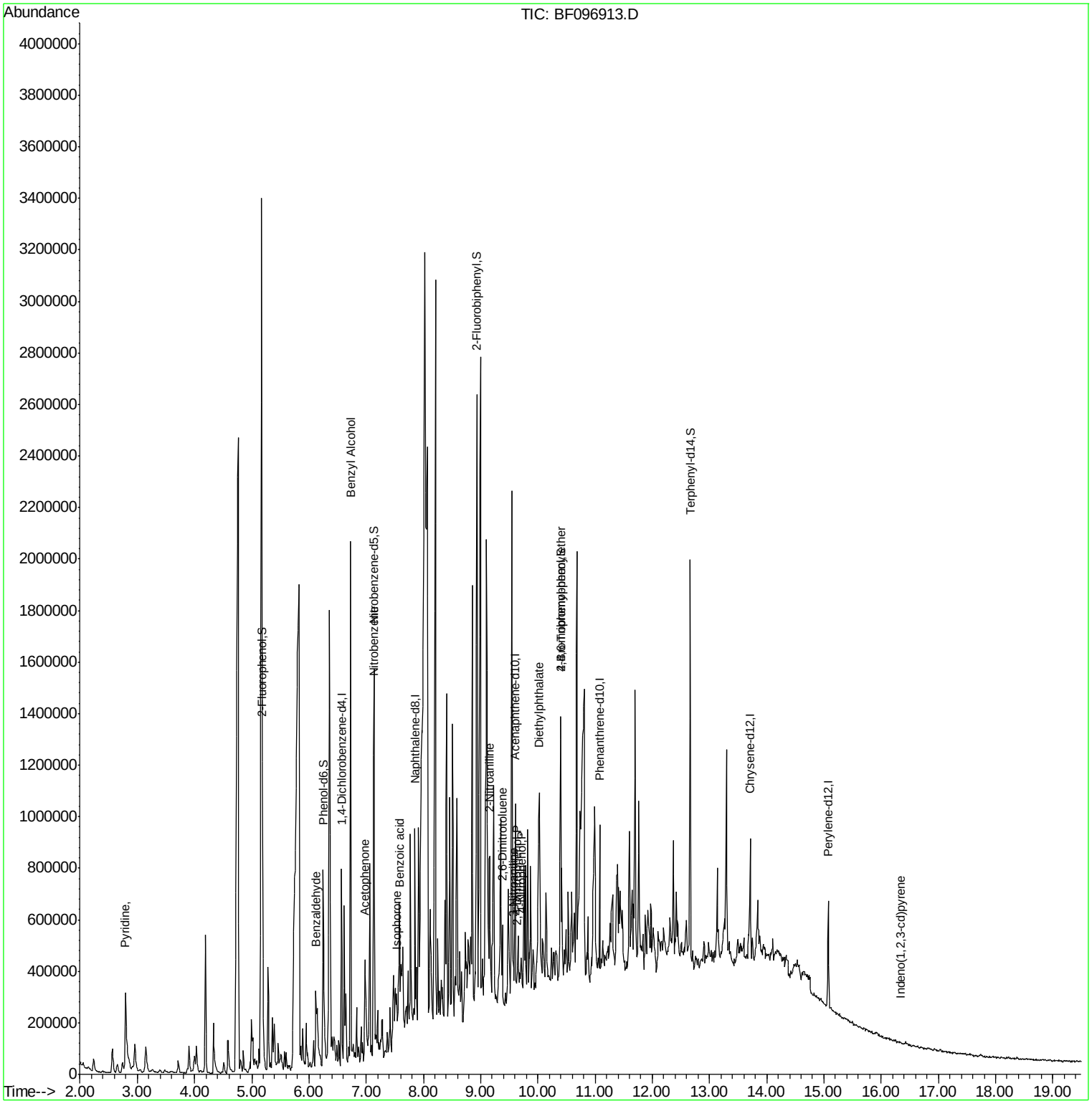
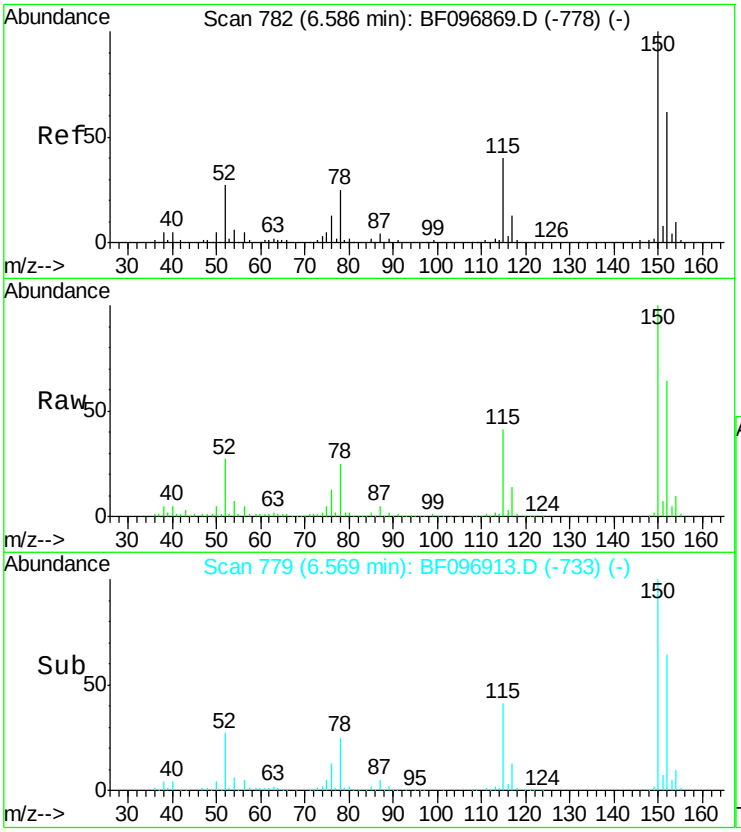


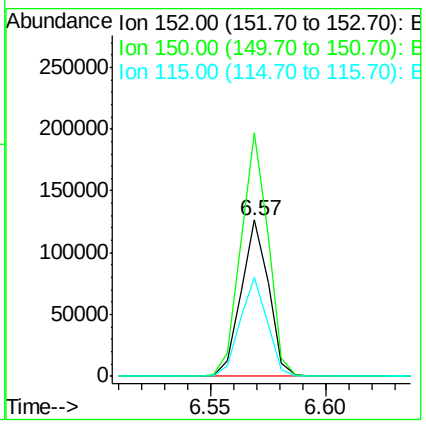


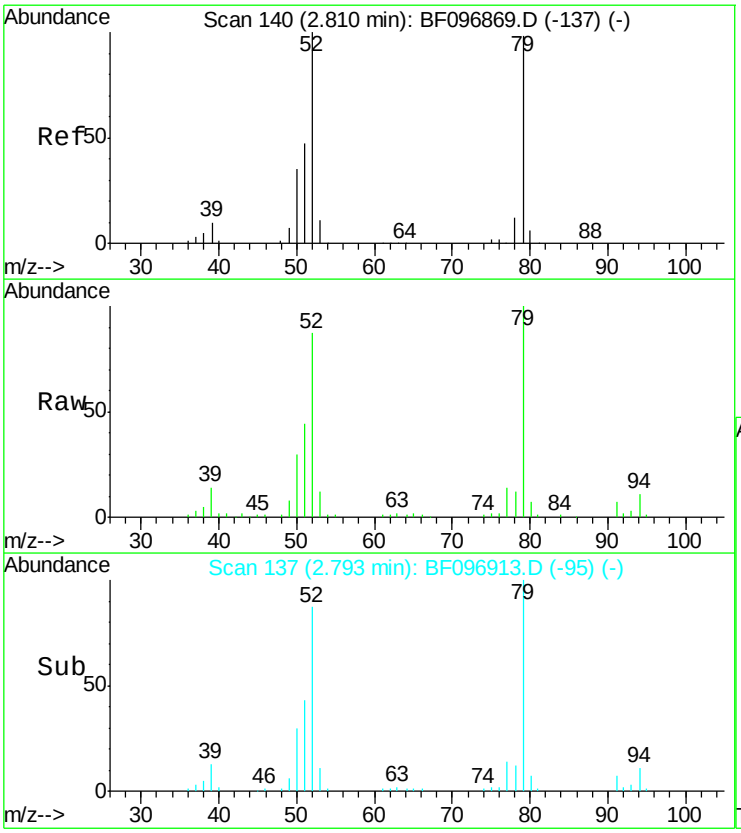
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :
DRUM-4-5-6-7-COMP

Tgt Ion:152 Resp: 104835

Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	63.6	52.2	78.2

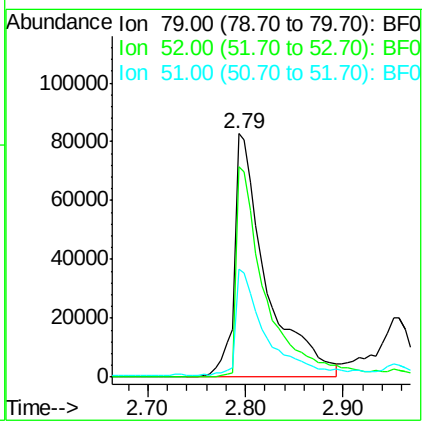


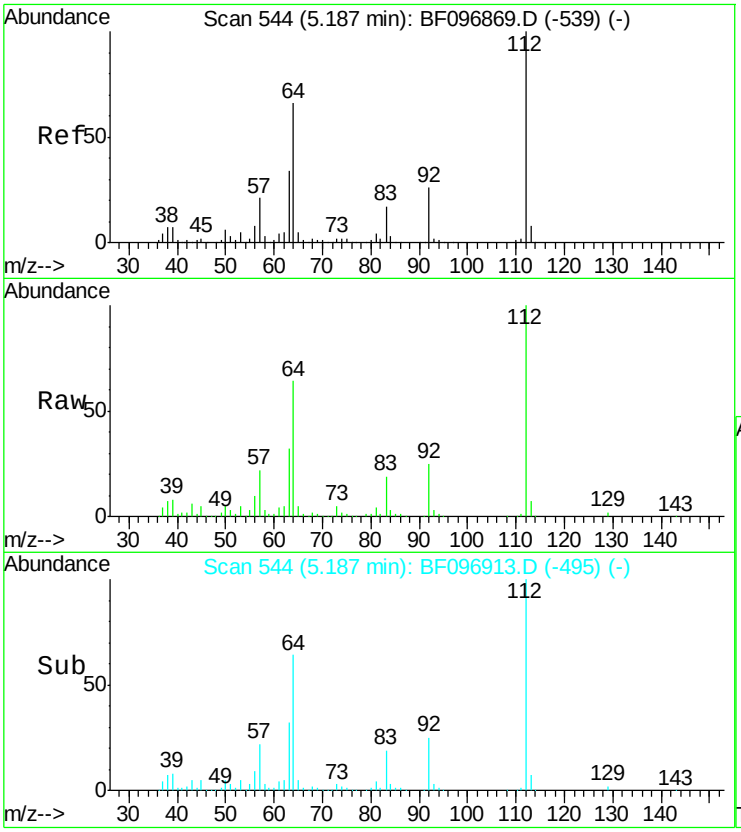


#3
Pyridine
Concen: 24.97 ng
RT: 2.79 min Scan# 137
Delta R.T. -0.05 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Tgt Ion: 79 Resp: 188233

Ion	Ratio	Lower	Upper
79	100		
52	86.6	54.8	82.2#
51	44.2	27.0	40.4#



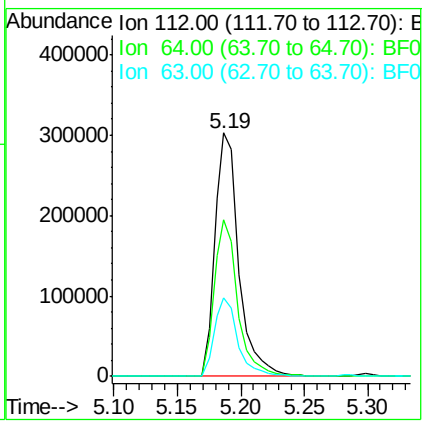


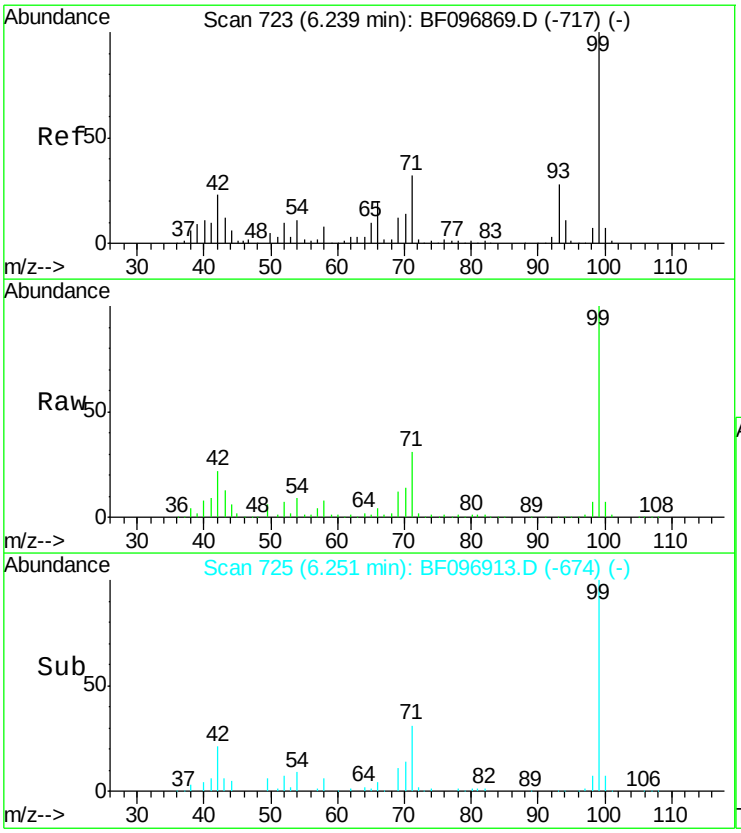
#5
2-Fluorophenol
Concen: 57.24 ng
RT: 5.19 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :
DRUM-4-5-6-7-COMP

Tgt Ion:112 Resp: 399088

Ion	Ratio	Lower	Upper
112	100		
64	64.3	46.0	69.0
63	32.5	23.4	35.0

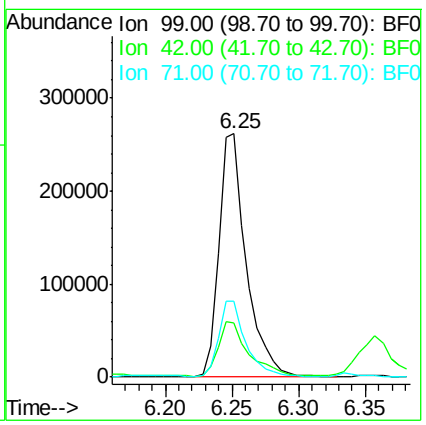


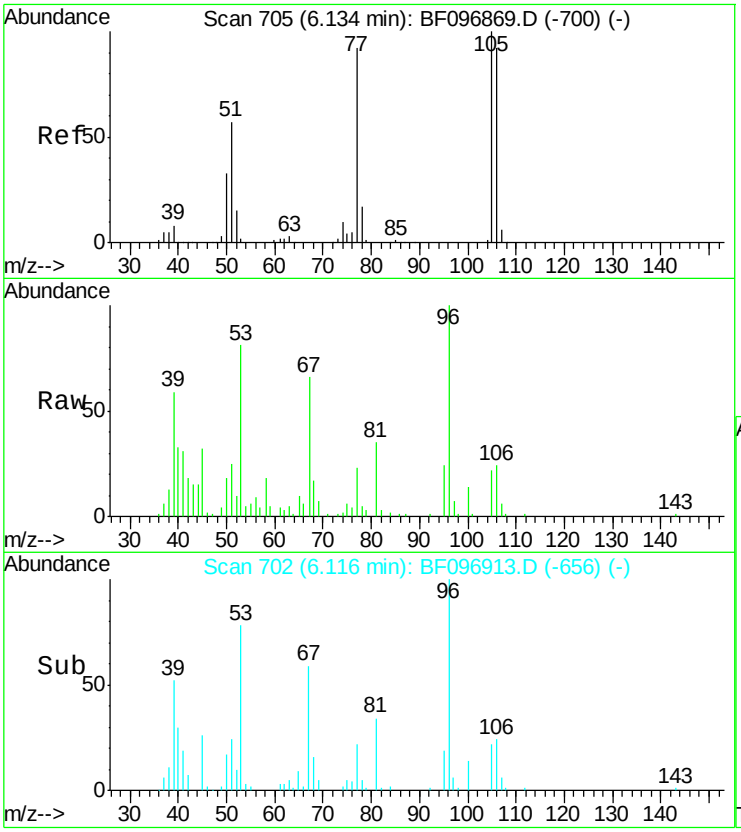


#7
Phenol-d6
Concen: 45.15 ng
RT: 6.25 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Tgt Ion: 99 Resp: 377797

Ion	Ratio	Lower	Upper
99	100		
42	22.3	13.5	20.3#
71	31.2	24.5	36.7



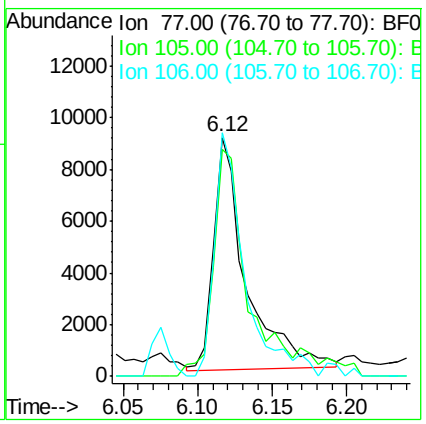


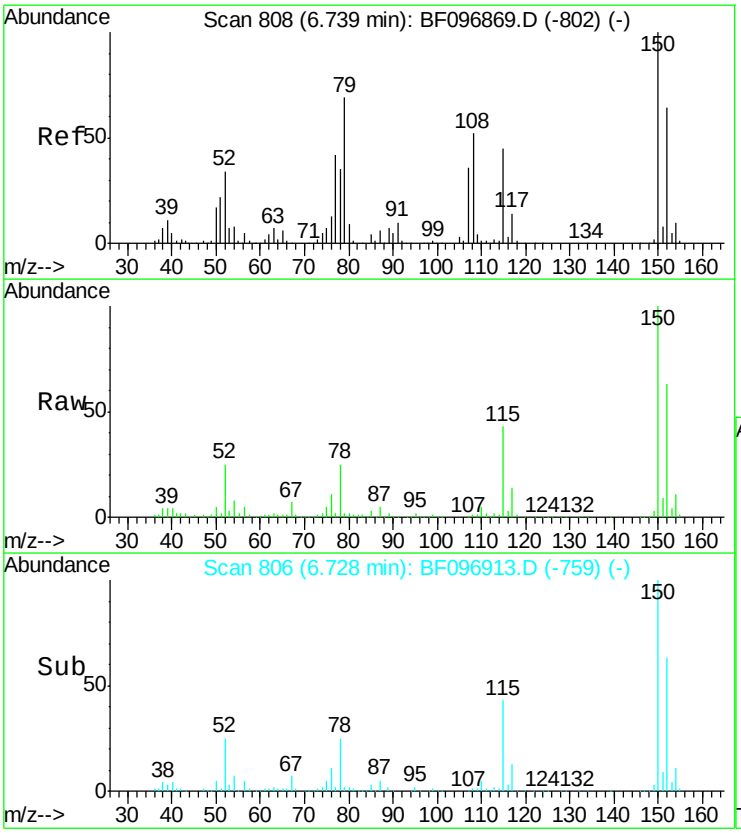
#9
Benzaldehyde
Concen: 2.81 ng
RT: 6.12 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :
DRUM-4-5-6-7-COMP

Tgt Ion: 77 Resp: 13611

Ion	Ratio	Lower	Upper
77	100		
105	95.1	83.8	123.8
106	101.9	79.1	119.1

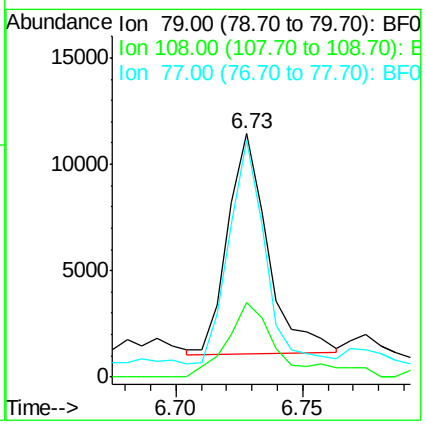


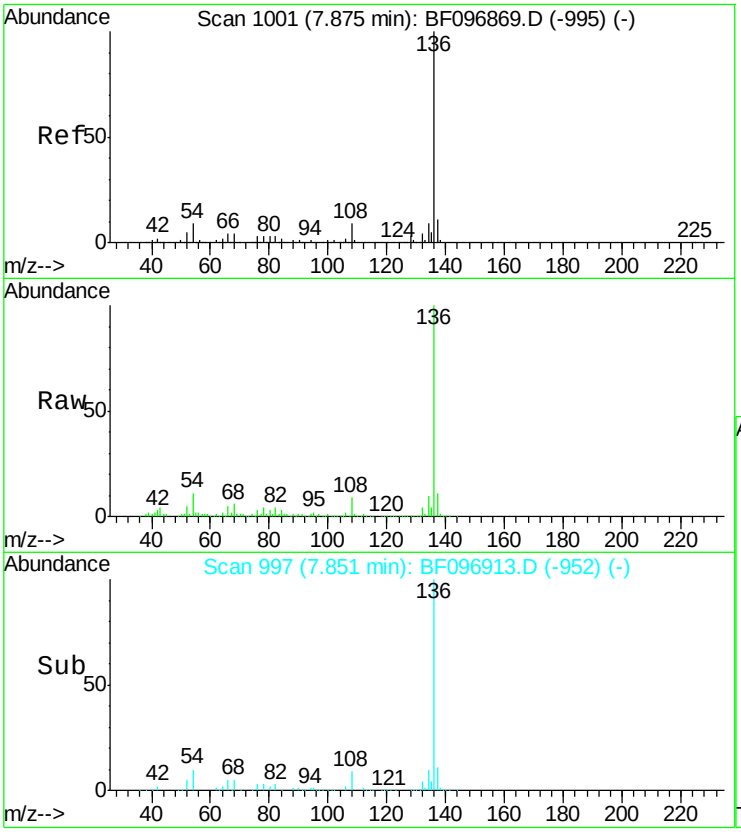


#15
Benzyl Alcohol
Concen: 2.07 ng
RT: 6.73 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Tgt Ion: 79 Resp: 11365

Ion	Ratio	Lower	Upper
79	100		
108	30.8	63.4	95.0#
77	97.2	49.2	73.8#



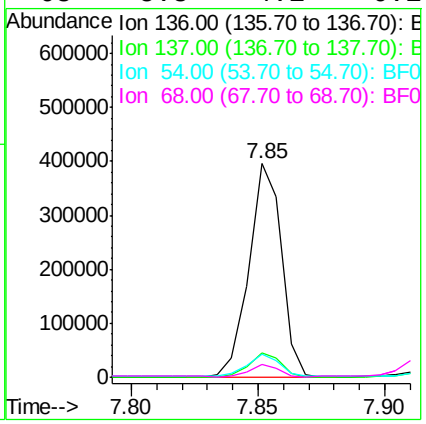


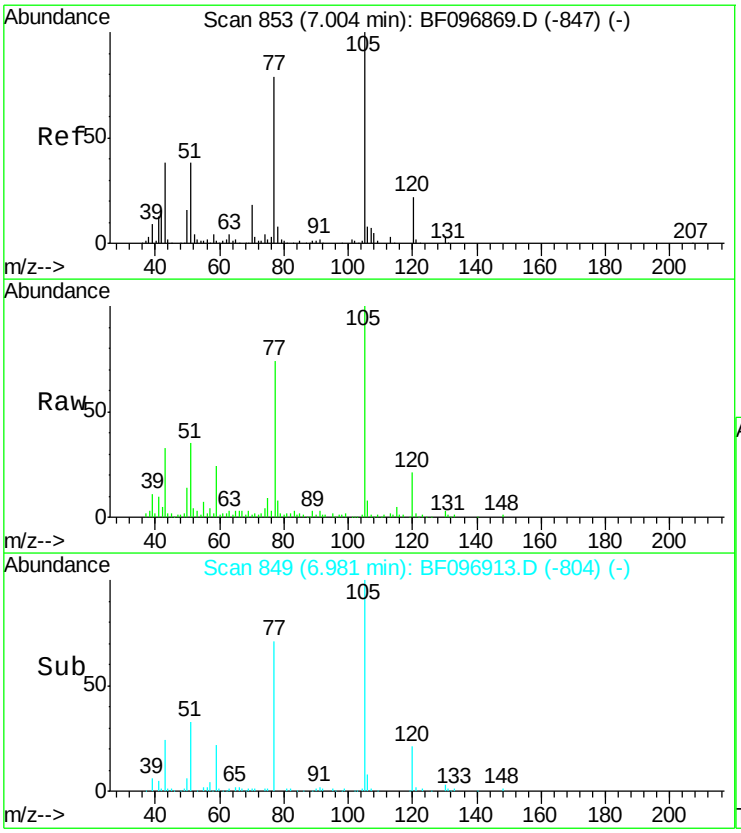
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :
DRUM-4-5-6-7-COMP

Tgt Ion:136 Resp: 354254

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	11.0	4.9	7.3#
68	5.8	4.1	6.1

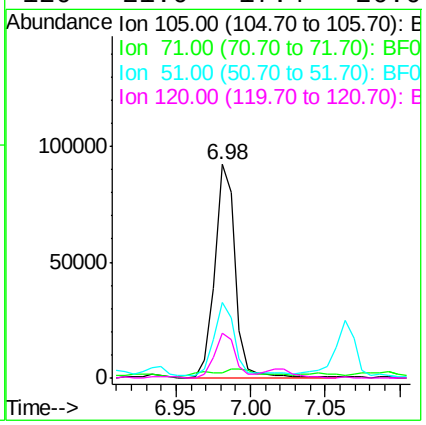


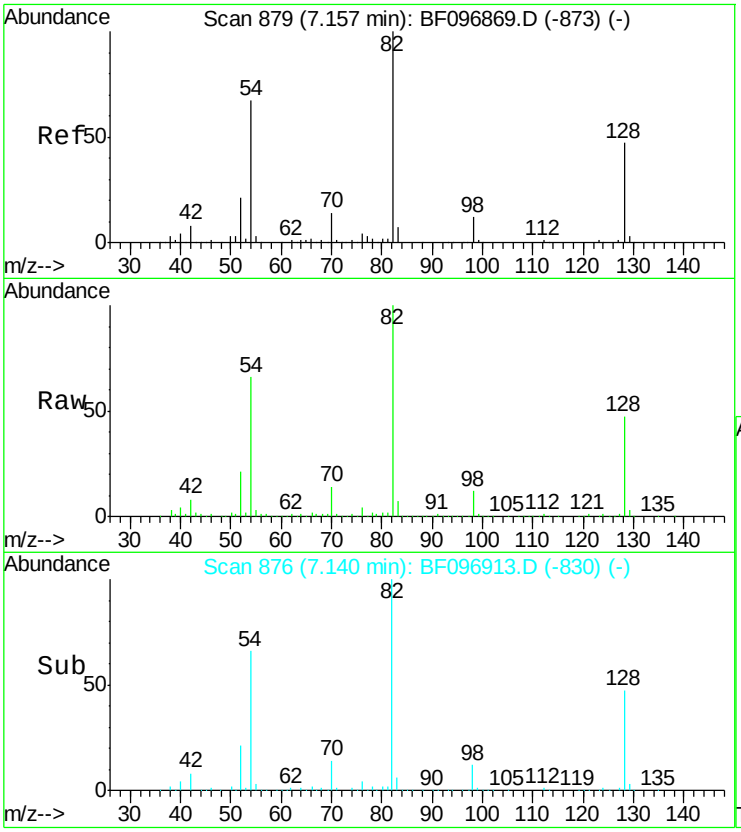


#22
Acetophenone
Concen: 11.26 ng
RT: 6.98 min Scan# 849
Delta R.T. -0.04 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Tgt Ion:105 Resp: 89169

Ion	Ratio	Lower	Upper
105	100		
71	2.3	2.8	4.2#
51	35.2	30.7	46.1
120	21.0	17.4	26.0



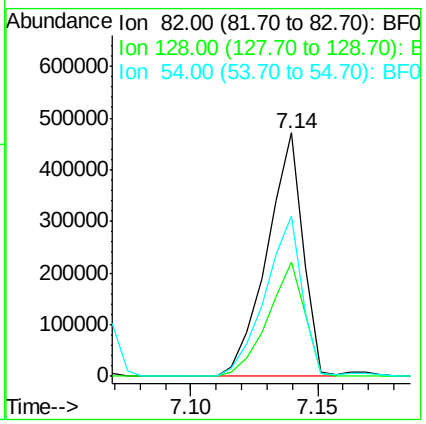


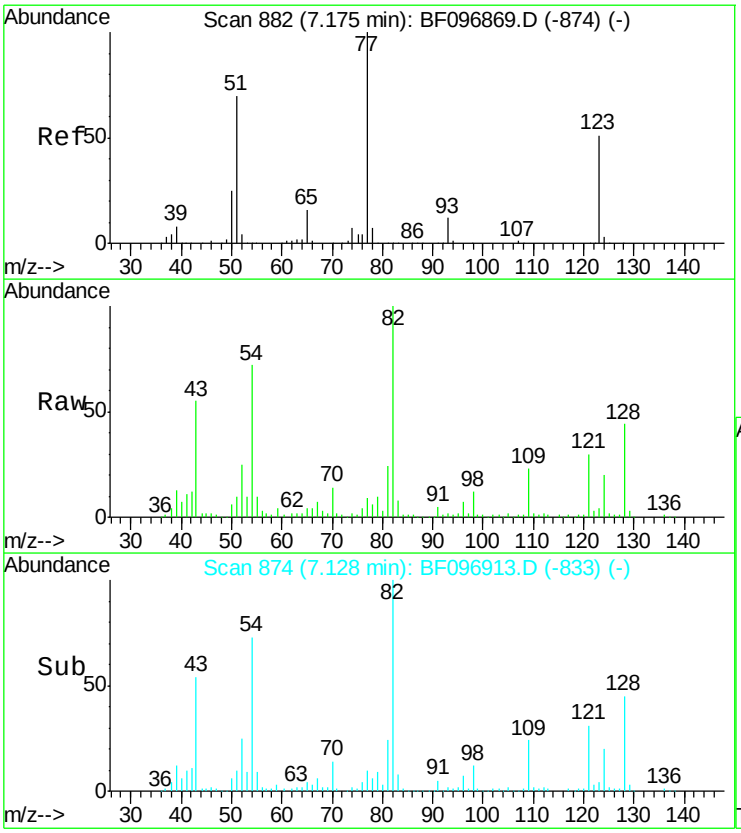
#23
Nitrobenzene-d5
Concen: 81.90 ng
RT: 7.14 min Scan# 876
Delta R.T. -0.03 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :
DRUM-4-5-6-7-COMP

Tgt Ion: 82 Resp: 468394

Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	66.0	42.2	63.2#

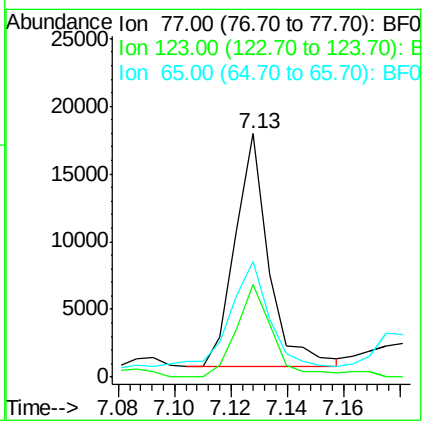


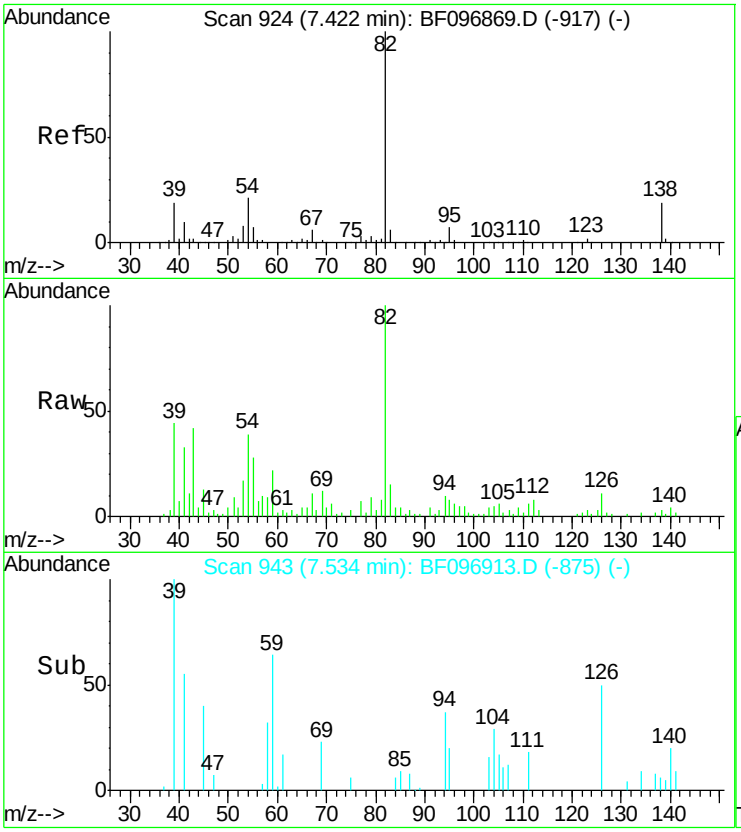


#24
Nitrobenzene
Concen: 2.42 ng
RT: 7.13 min Scan# 874
Delta R.T. -0.06 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Tgt Ion: 77 Resp: 14299

Ion	Ratio	Lower	Upper
77	100		
123	38.2	35.8	53.8
65	47.4	10.6	15.8#



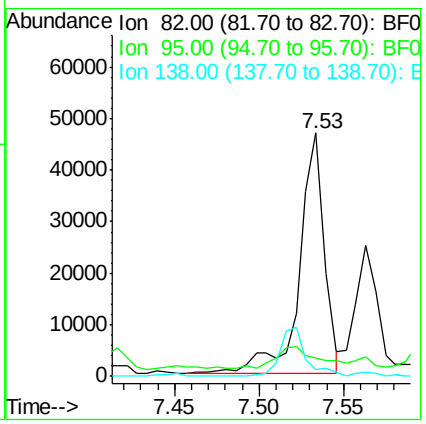


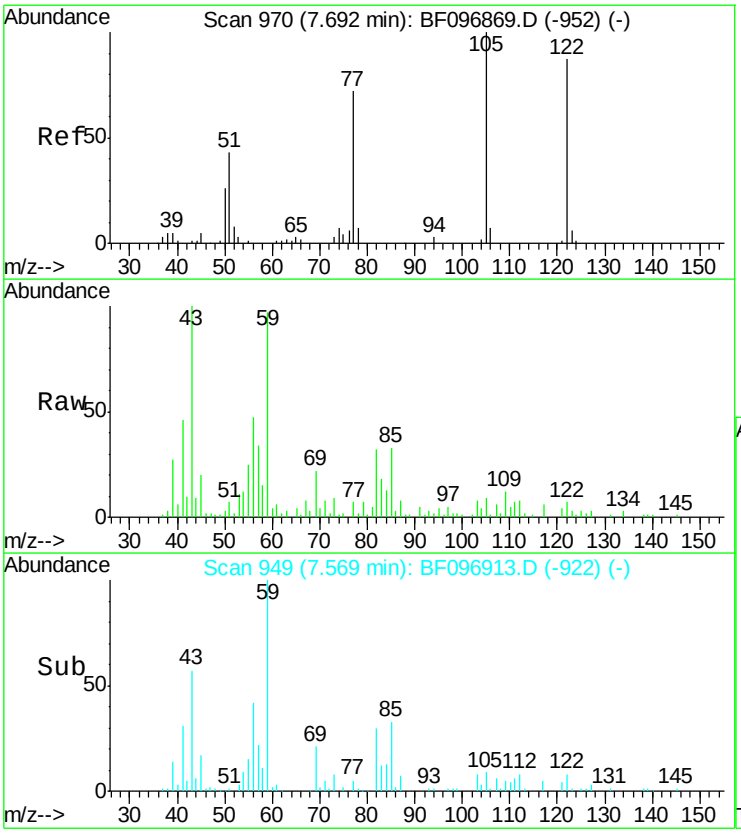
#25
Isophorone
Concen: 4.44 ng
RT: 7.53 min Scan# 943
Delta R.T. 0.10 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :
DRUM-4-5-6-7-COMP

Tgt Ion: 82 Resp: 47195

Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.3	7.9
138	2.7	13.1	19.7#

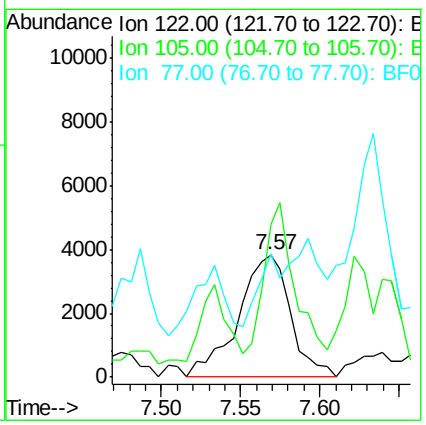


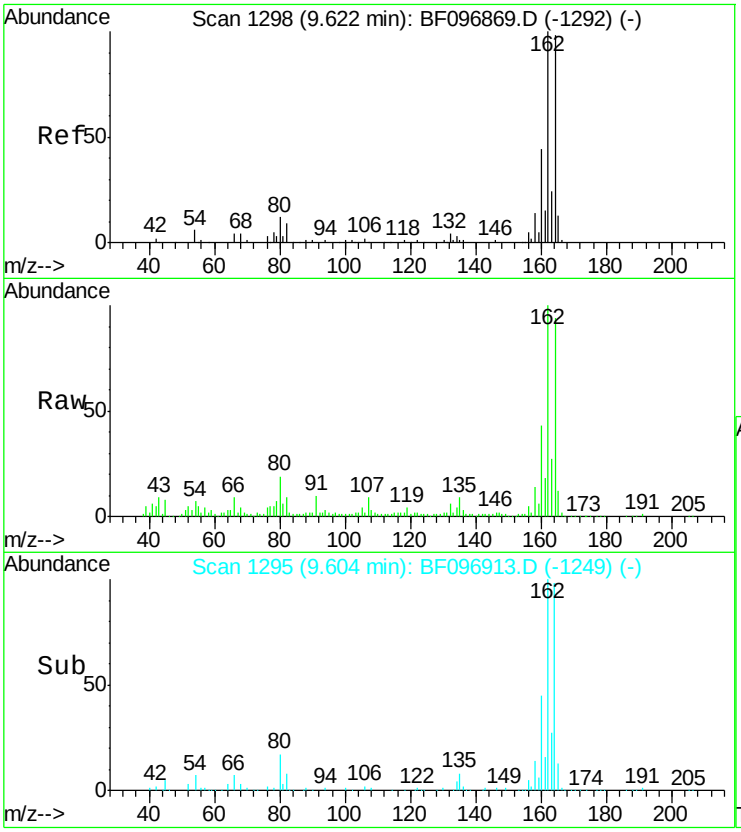


#32
Benzoic acid
Concen: 2.52 ng
RT: 7.57 min Scan# 949
Delta R.T. -0.14 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Tgt Ion:122 Resp: 8730

Ion	Ratio	Lower	Upper
122	100		
105	124.9	103.3	143.3
77	100.3	73.7	113.7



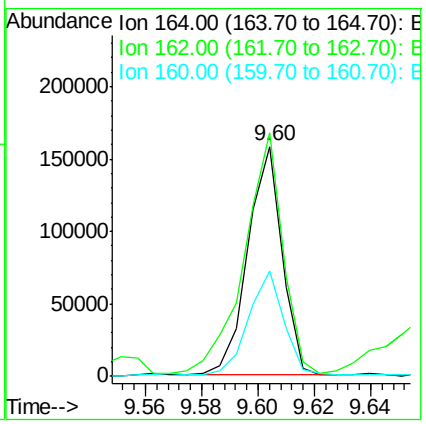


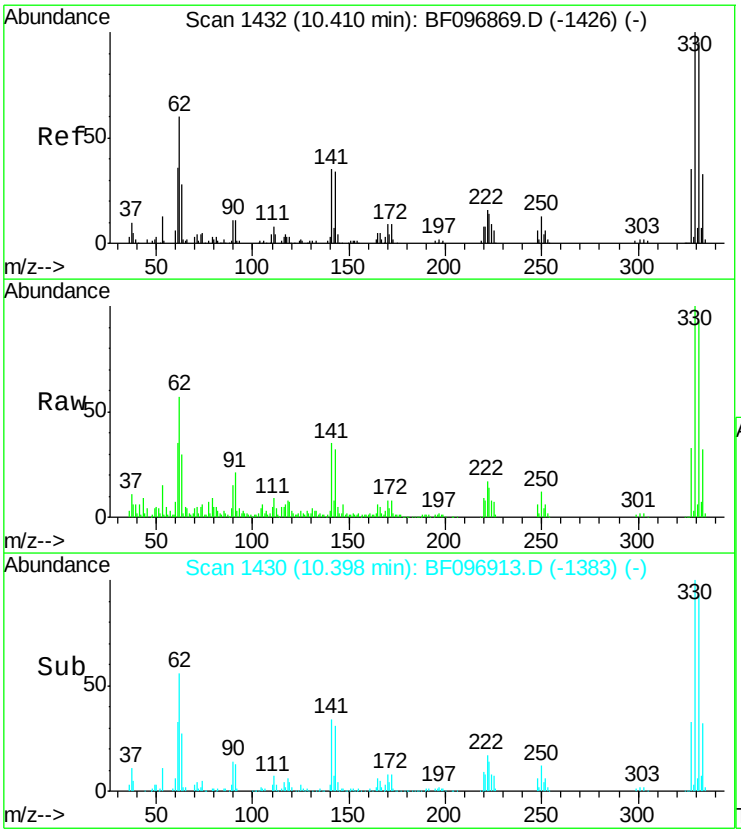
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :
DRUM-4-5-6-7-COMP

Tgt Ion:164 Resp: 133087

Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.6	123.8
160	46.1	36.2	54.2

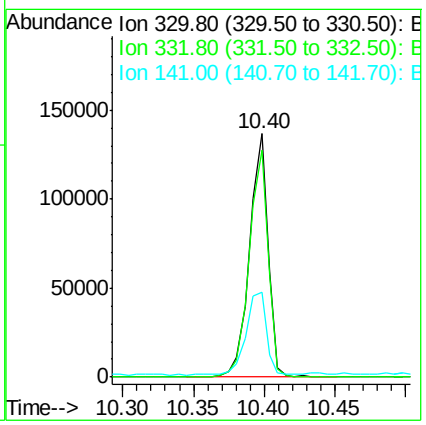


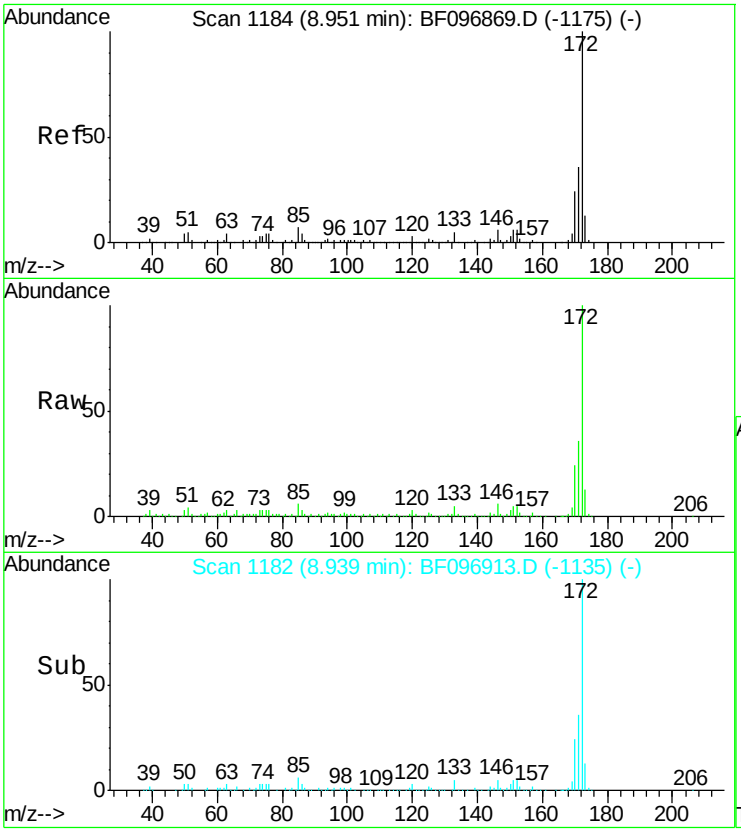


#41
2,4,6-Tribromophenol
Concen: 111.89 ng
RT: 10.40 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Tgt Ion:330 Resp: 127103

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	37.1	31.4	47.2



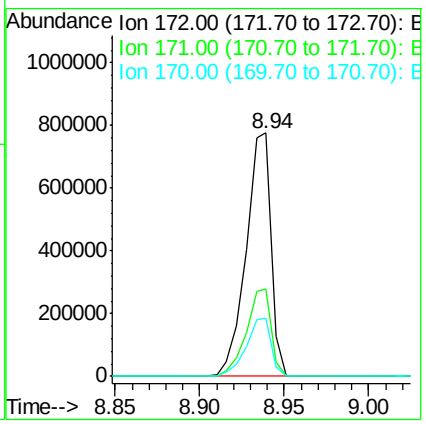


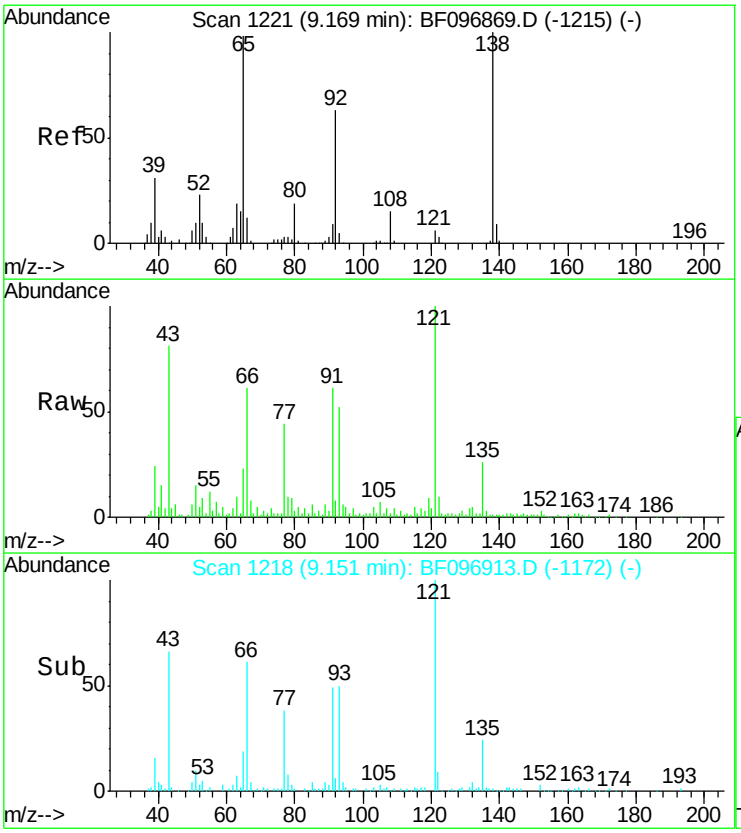
#44
2-Fluorobiphenyl
Concen: 95.83 ng
RT: 8.94 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :
DRUM-4-5-6-7-COMP

Tgt Ion:172 Resp: 807213

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.0	19.8	29.8

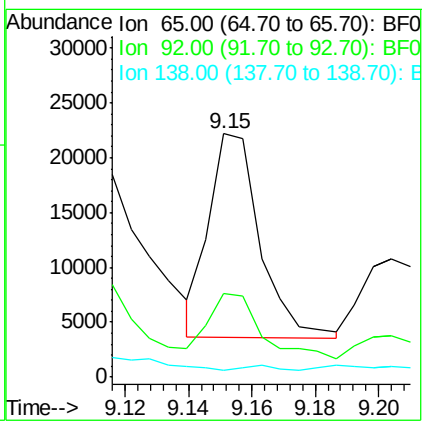


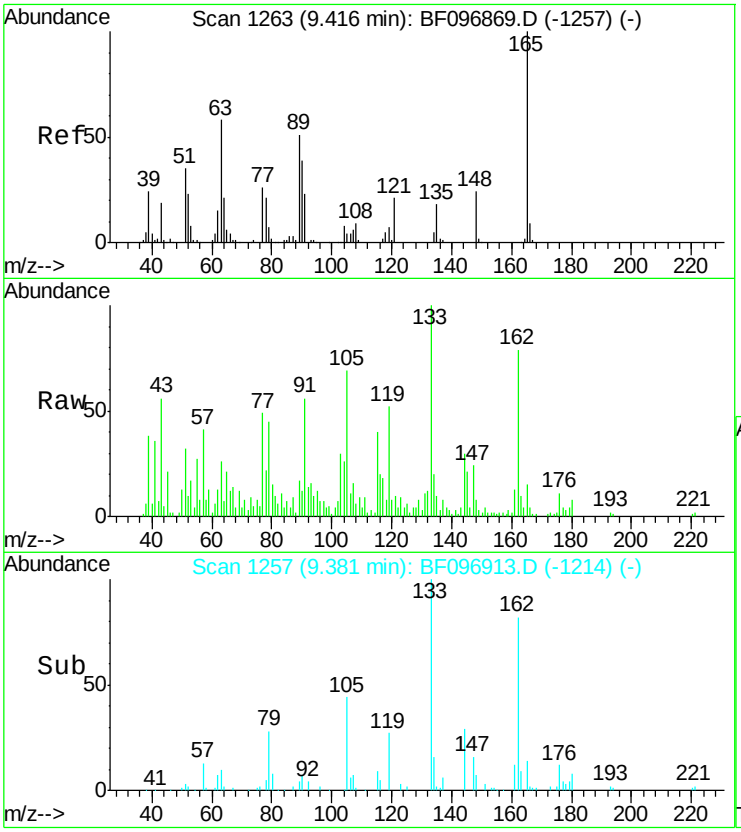


#47
2-Nitroaniline
Concen: 7.15 ng
RT: 9.15 min Scan# 1218
Delta R.T. -0.03 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Tgt Ion: 65 Resp: 20653

Ion	Ratio	Lower	Upper
65	100		
92	34.2	53.9	80.9#
138	2.6	78.8	118.2#



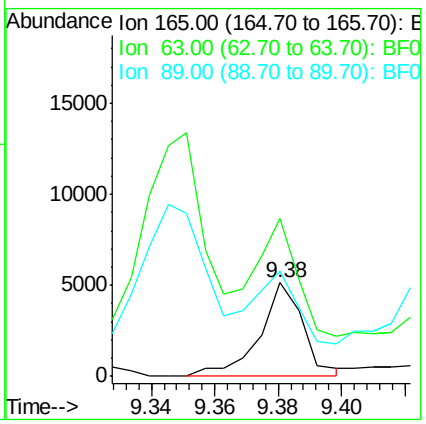


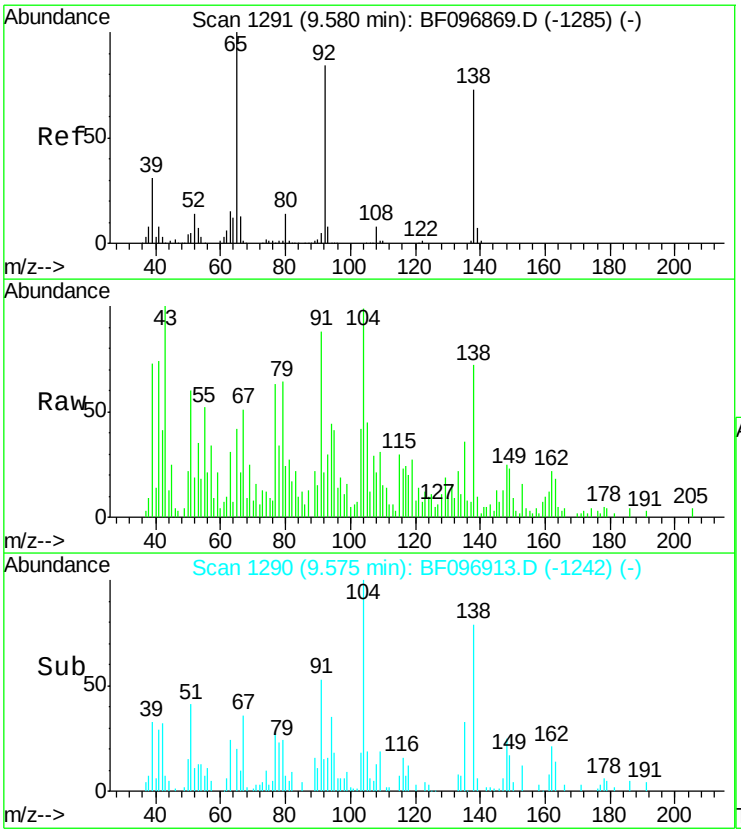
#50
2,6-Dinitrotoluene
Concen: 2.26 ng
RT: 9.38 min Scan# 1257
Delta R.T. -0.05 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :
DRUM-4-5-6-7-COMP

Tgt Ion:165 Resp: 4897

Ion	Ratio	Lower	Upper
165	100		
63	168.3	34.3	51.5#
89	113.2	37.1	55.7#

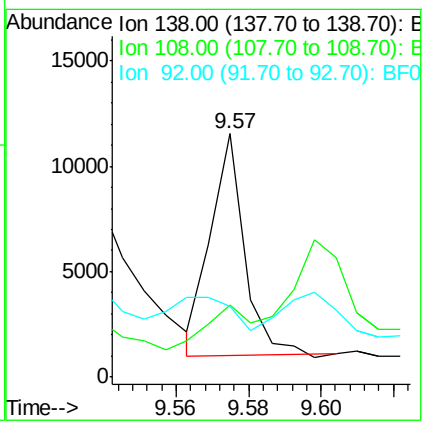


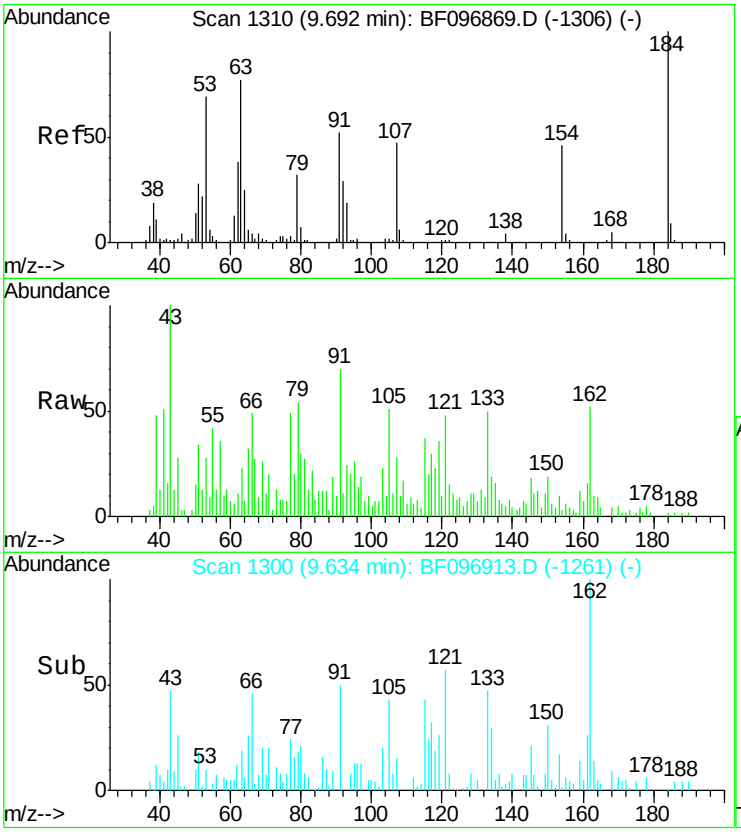


#52
3-Nitroaniline
Concen: 2.64 ng
RT: 9.57 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Tgt Ion:138 Resp: 6798

Ion	Ratio	Lower	Upper
138	100		
108	29.5	9.1	13.7#
92	28.9	93.8	140.6#



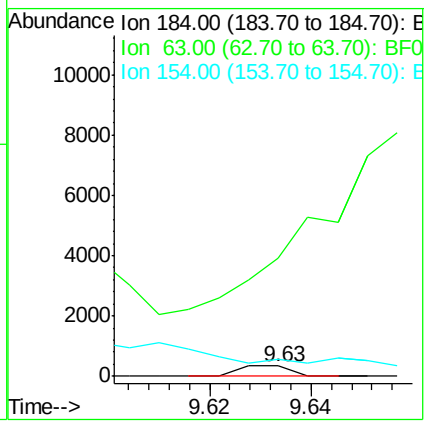


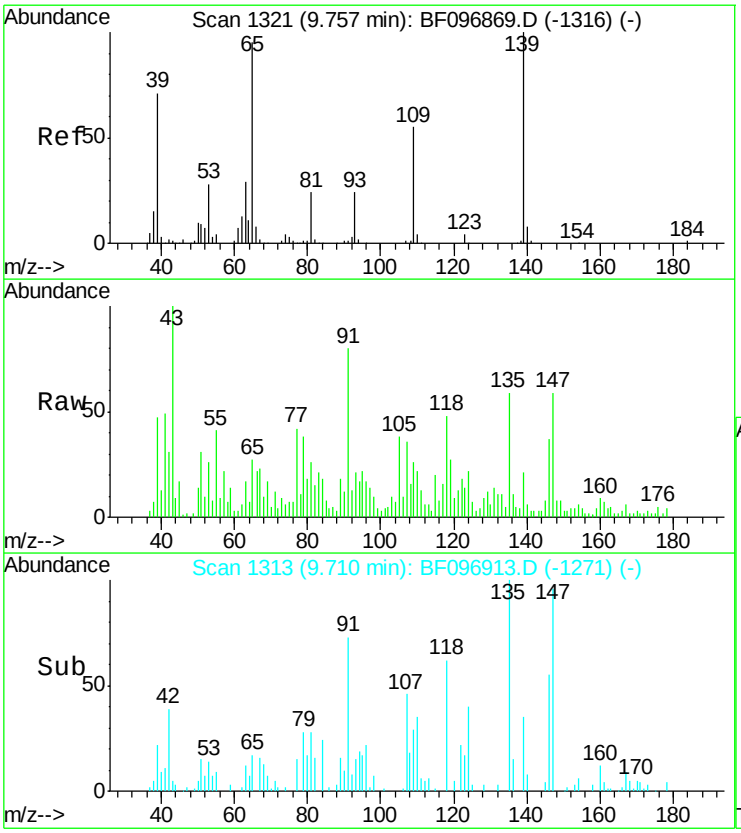
#53
2,4-Dinitrophenol
Concen: 6.94 ng
RT: 9.63 min Scan# 1300
Delta R.T. -0.07 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :
DRUM-4-5-6-7-COMP

Tgt Ion:184 Resp: 238

Ion	Ratio	Lower	Upper
184	100		
63	1154.4	62.7	94.1#
154	162.1	81.1	121.7#

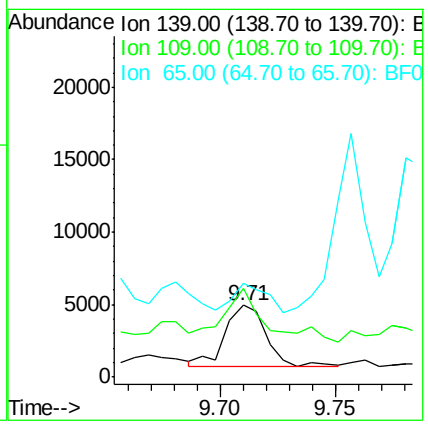


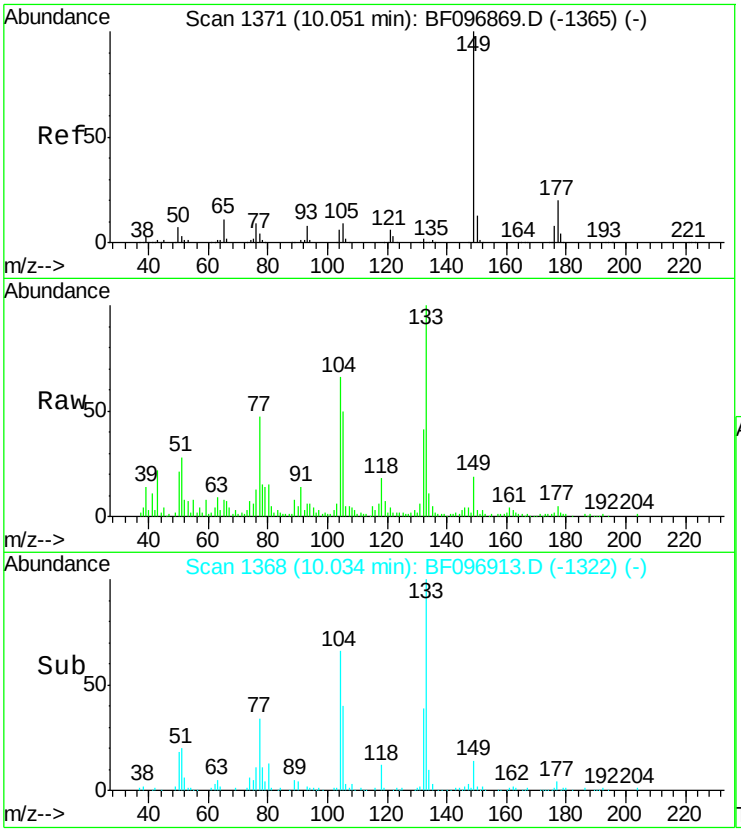


#55
4-Nitrophenol
Concen: 2.78 ng
RT: 9.71 min Scan# 1313
Delta R.T. -0.05 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Tgt Ion:139 Resp: 5227

Ion	Ratio	Lower	Upper
139	100		
109	123.4	34.1	74.1#
65	130.4	31.4	71.4#



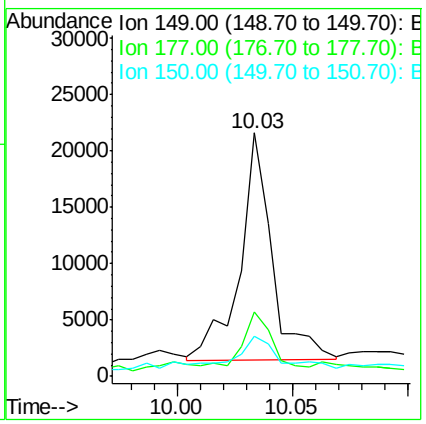


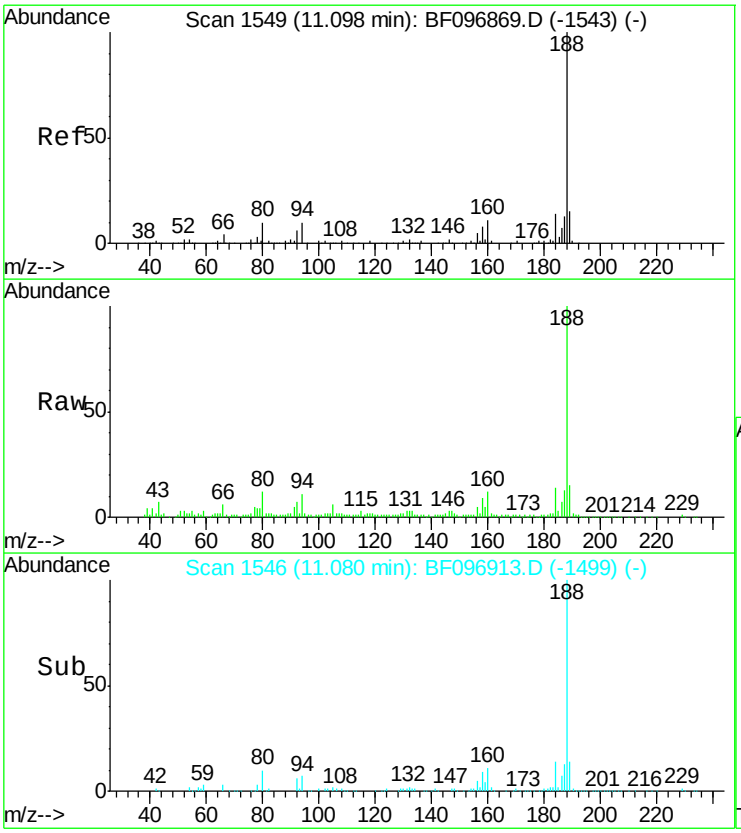
#59
Diethylphthalate
Concen: 2.01 ng
RT: 10.03 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :
DRUM-4-5-6-7-COMP

Tgt Ion:149 Resp: 19600

Ion	Ratio	Lower	Upper
149	100		
177	26.5	16.7	25.1#
150	16.2	10.2	15.2#

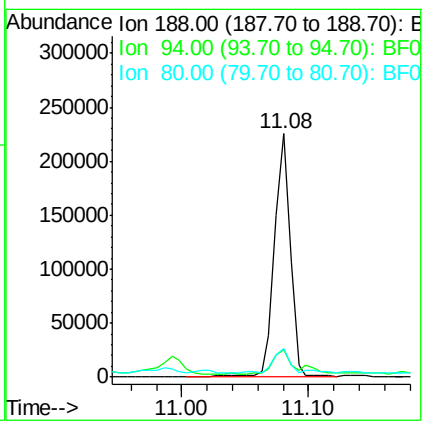


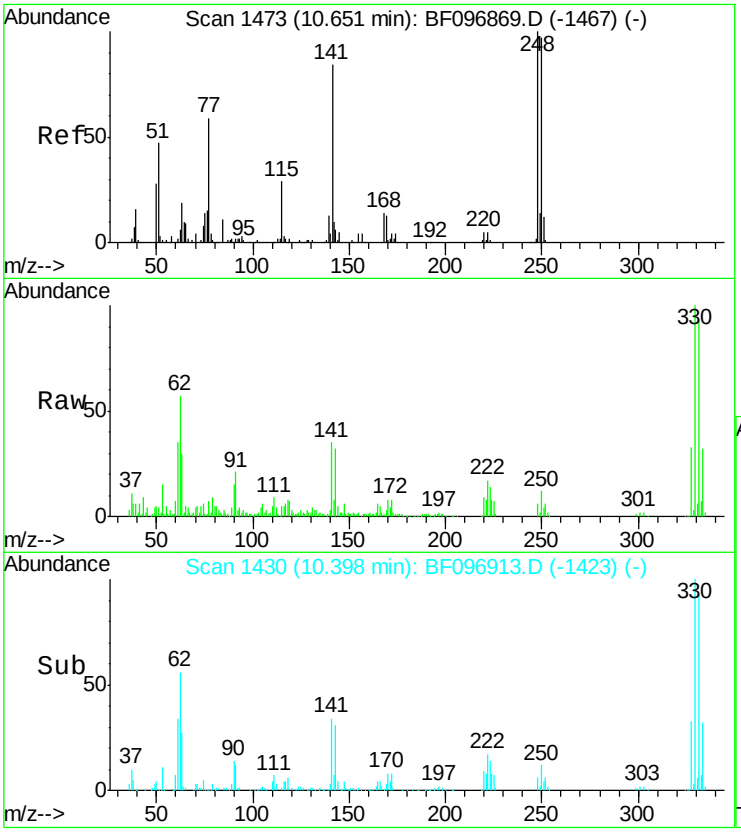


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Tgt Ion:188 Resp: 189968

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.7	10.2	15.2



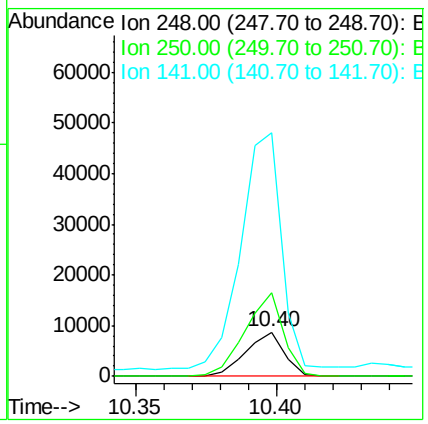


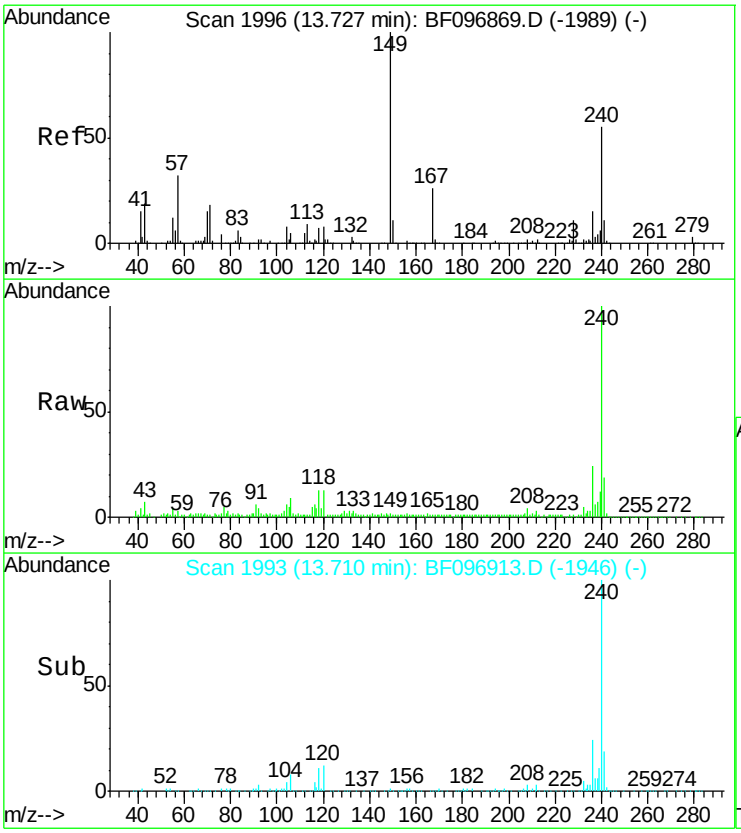
#66
4-Bromophenyl-phenylether
Concen: 4.25 ng
RT: 10.40 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :
DRUM-4-5-6-7-COMP

Tgt Ion:248 Resp: 8250

Ion	Ratio	Lower	Upper
248	100		
250	188.1	76.8	115.2#
141	549.7	68.6	103.0#

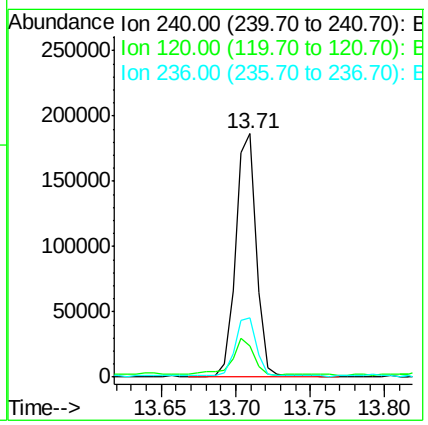


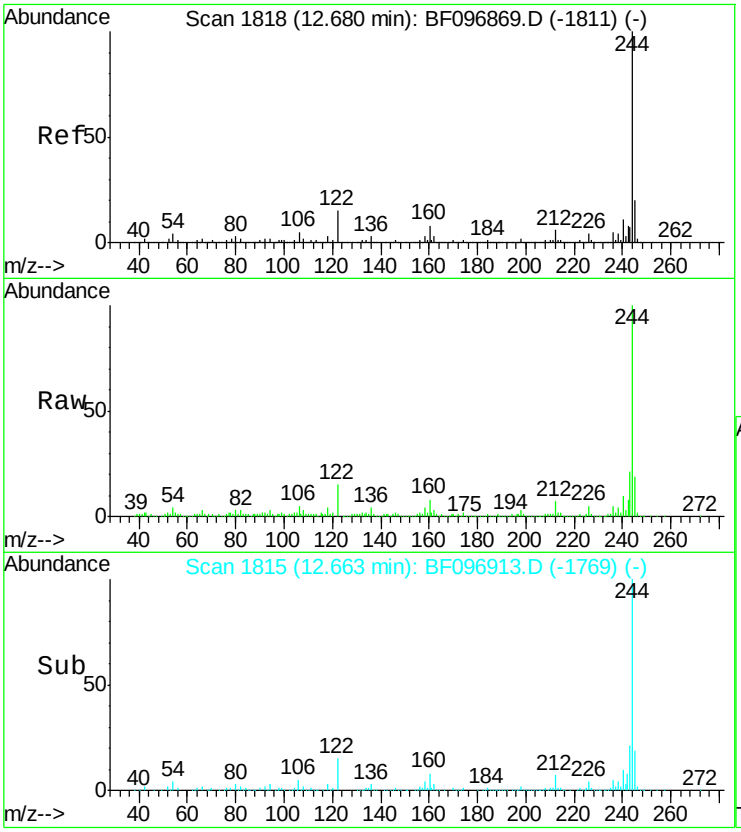


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Tgt Ion:240 Resp: 180204

Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.8	8.8#
236	24.2	20.5	30.7



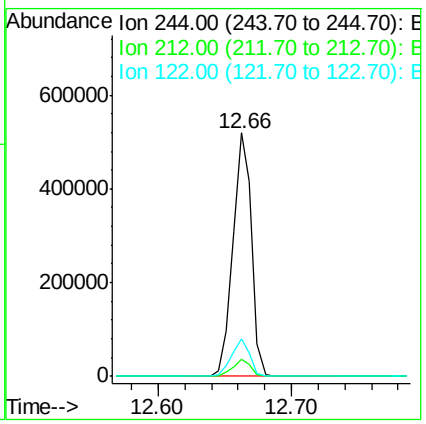


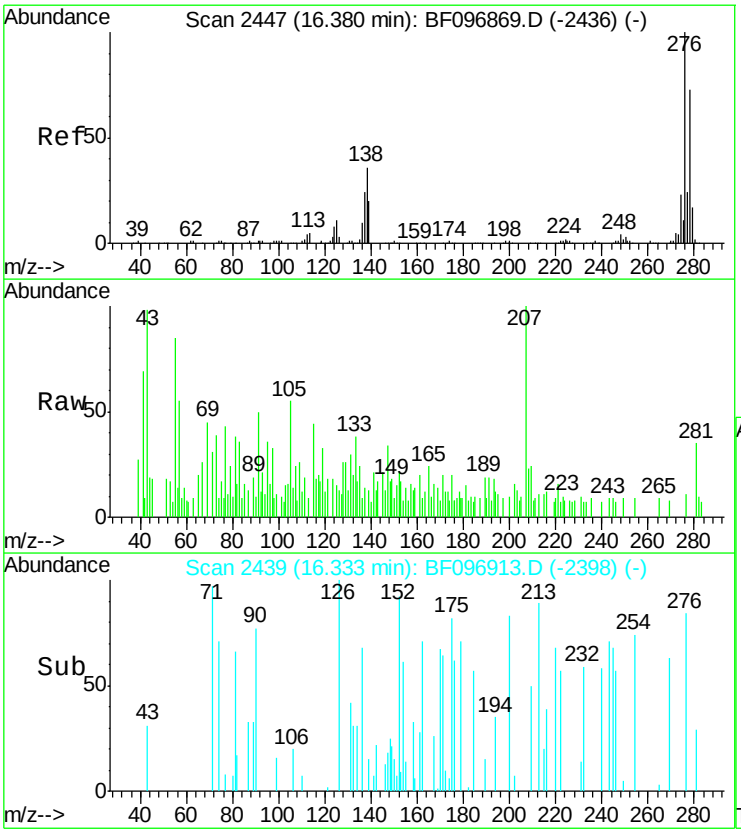
#78
Terphenyl-d14
Concen: 48.52 ng
RT: 12.66 min Scan# 1815
Delta R.T. -0.03 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :
DRUM-4-5-6-7-COMP

Tgt Ion:244 Resp: 504167

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.3	10.3	15.5

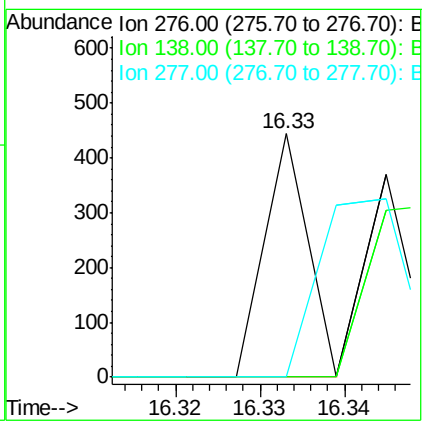


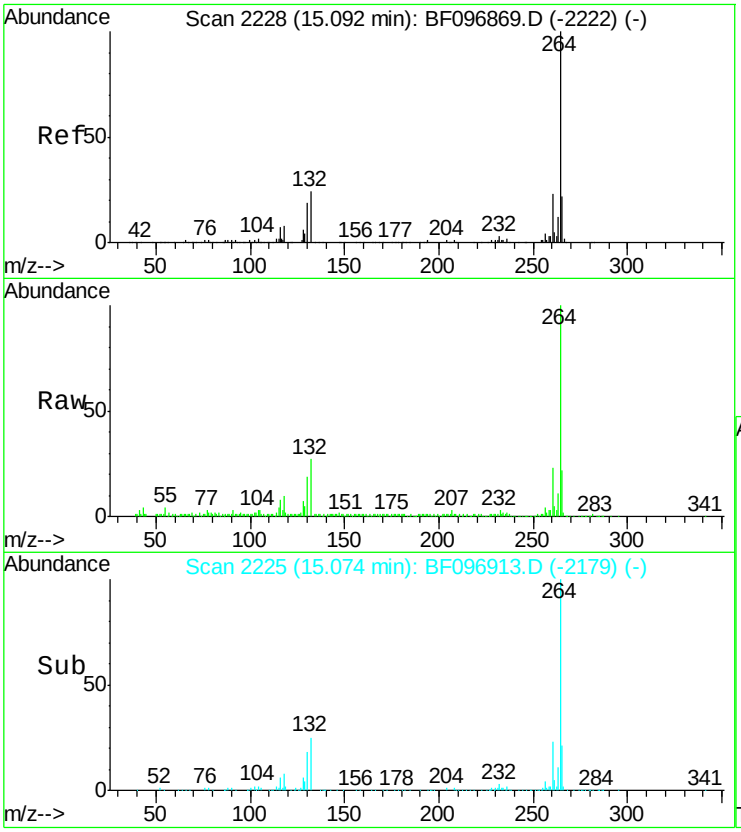


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.34 ng
RT: 16.33 min Scan# 2439
Delta R.T. -0.06 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Tgt Ion:276 Resp: 157

Ion	Ratio	Lower	Upper
276	100		
138	0.0	27.8	41.6#
277	0.0	20.2	30.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 2225
Delta R.T. -0.03 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :
DRUM-4-5-6-7-COMP

Tgt Ion:264 Resp: 181974

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.5	17.2	25.8