Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF111715\
Data File : BF082997.D
Acq On : 18 Nov 2015 6:25
Operator : UM/IZ
Sample : G4423-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 18 06:57:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 04:41:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	529485	20.00	ng		0.06
21) Naphthalene-d8	8.04	136	642714	20.00	ng		-0.10
38) Acenaphthene-d10	9.79	164	319298	20.00	ng		-0.10
63) Phenanthrene-d10	11.28	188	559449	20.00	ng		-0.10
75) Chrysene-d12	13.91	240	508100	20.00	ng		-0.11
86) Perylene-d12	15.30	264	338970	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1071640	31.49	ng		-0.08
7) Phenol-d6	6.41	99	1476560	32.64	ng		-0.08
23) Nitrobenzene-d5	7.32	82	1124701	76.14	ng		-0.09
41) 2,4,6-Tribromophenol	10.58	330	359214	98.12	ng		-0.10
44) 2-Fluorobiphenyl	9.12	172	1610879	72.31	ng		-0.10
78) Terphenyl-d14	12.86	244	1675183	78.20	ng		-0.10
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	99821	3.99	ng	#	34
19) n-Nitroso-di-n-propylamine	7.32	70	152477	4.58	ng	#	64
50) 2,6-Dinitrotoluene	9.79	165	41704	7.47	ng	#	19
51) Acenaphthene	9.82	154	77550	3.65	ng		98
54) Dibenzofuran	10.00	168	115135	4.02	ng	#	84
55) 4-Nitrophenol	9.93	139	14731	3.13	ng	#	31
57) Fluorene	10.34	166	132842	5.73	ng		96
66) 4-Bromophenyl-phenylether	10.58	248	23417	3.48	ng	#	1
70) Phenanthrene	11.30	178	498249	15.34	ng		96
71) Anthracene	11.34	178	137285	4.01	ng		95
72) Carbazole	11.50	167	622027	20.76	ng		97
74) Fluoranthene	12.48	202	183613	5.27	ng		97
76) Benzidine	12.66	184	94609	5.56	ng	#	94
77) Pyrene	12.70	202	110685	3.17	ng		97

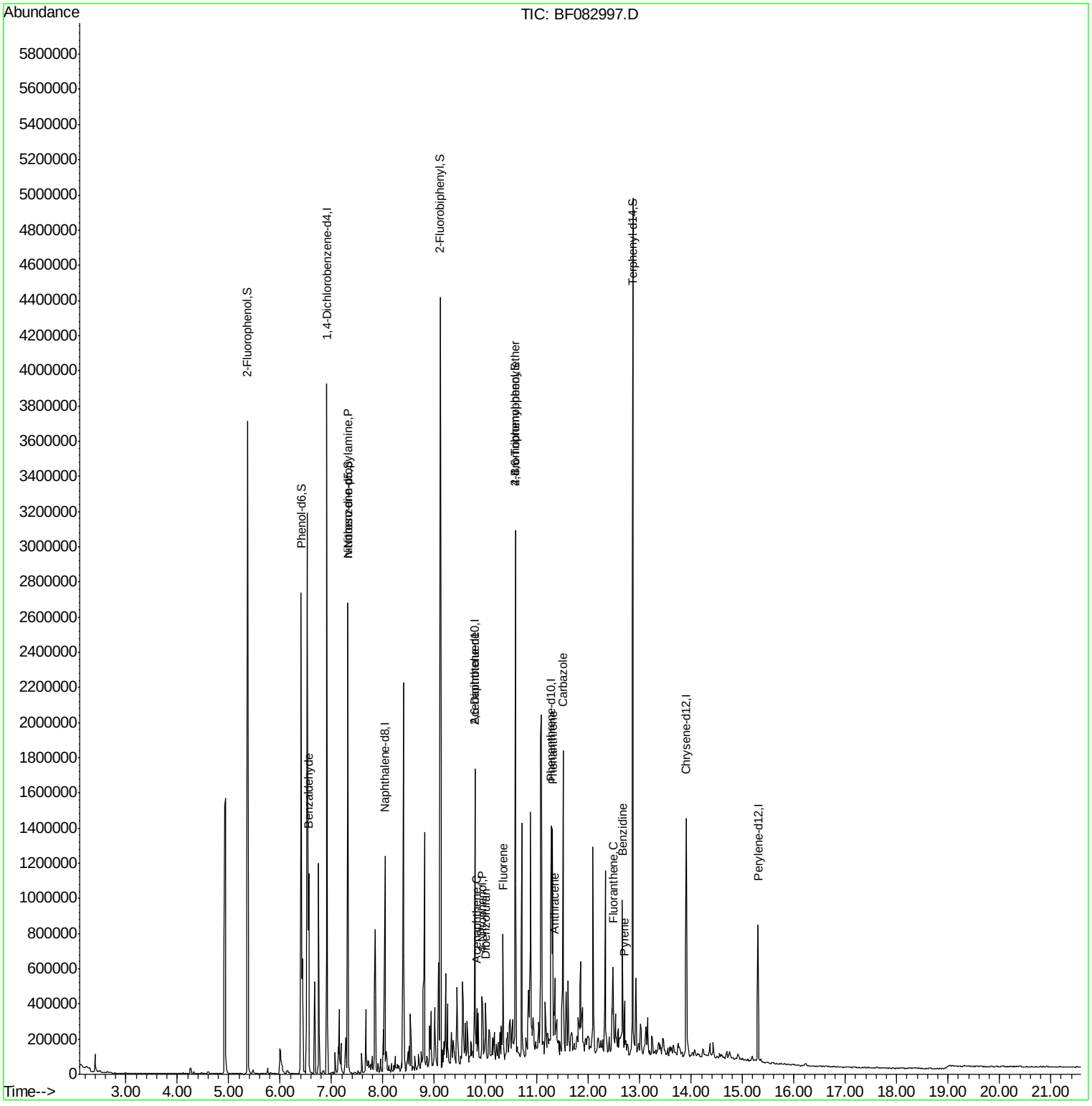
(#) = qualifier out of range (m) = manual integration (+) = signals summed

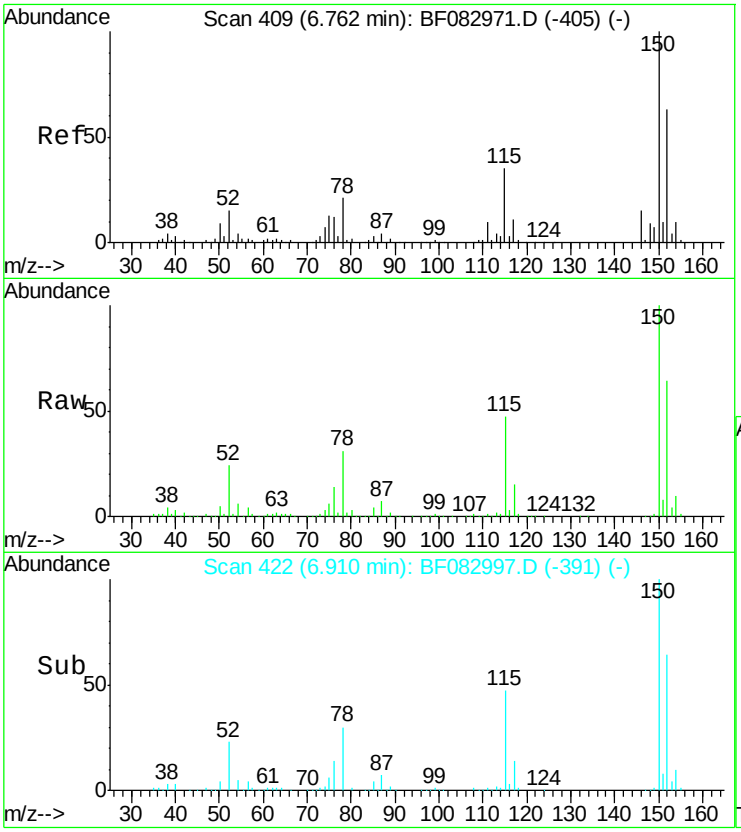
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF111715\
Data File : BF082997.D
Acq On : 18 Nov 2015 6:25
Operator : UM/IZ
Sample : G4423-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 18 06:57:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 04:41:30 2015
Response via : Initial Calibration



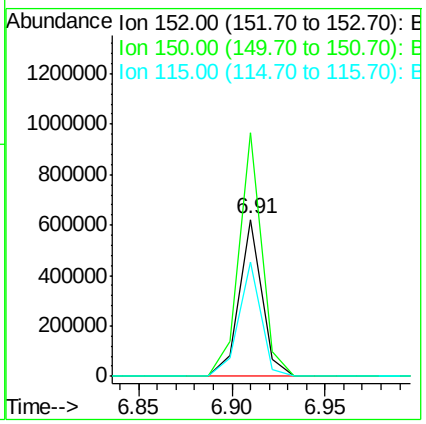


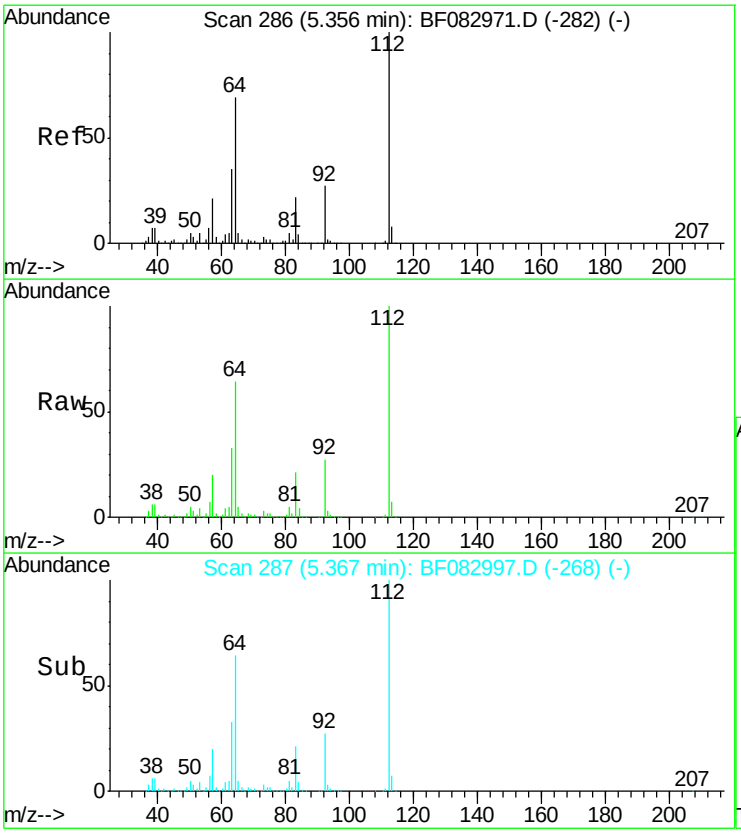
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.06 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 529485

Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.0	190.4
115	73.3	47.0	70.6#

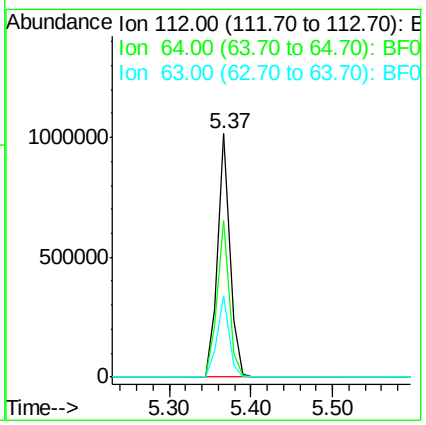


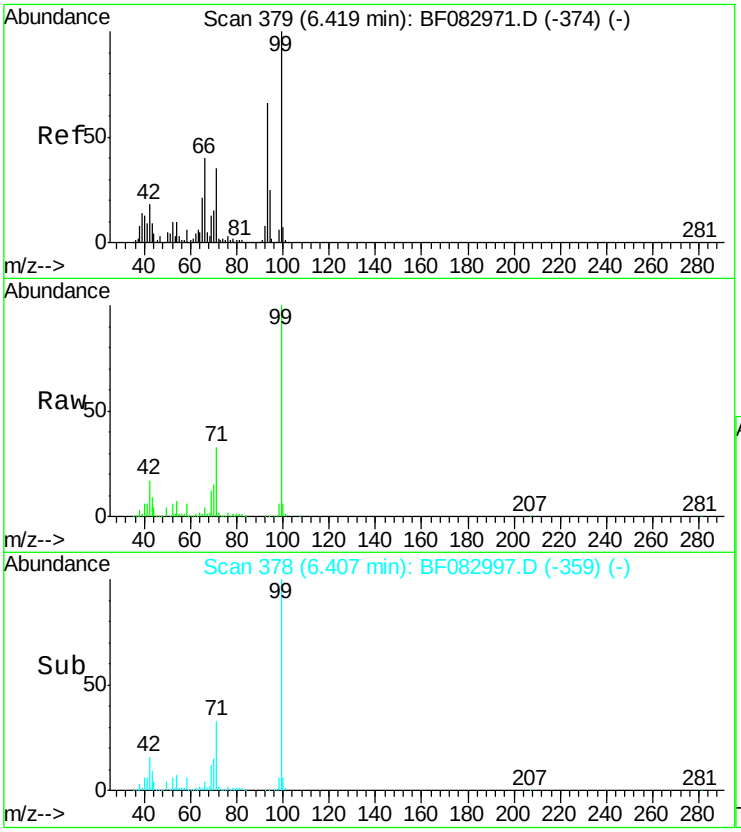


#5
2-Fluorophenol
Concen: 31.49 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.08 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Tgt Ion:112 Resp: 1071640

Ion	Ratio	Lower	Upper
112	100		
64	64.4	48.9	73.3
63	33.4	28.1	42.1



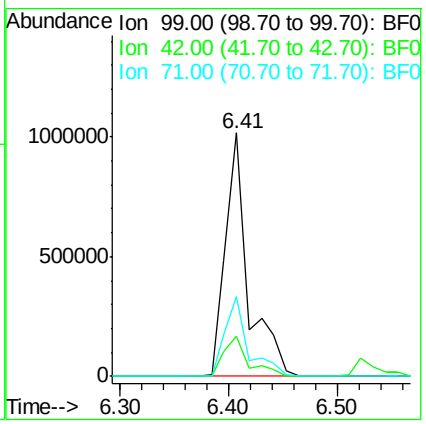


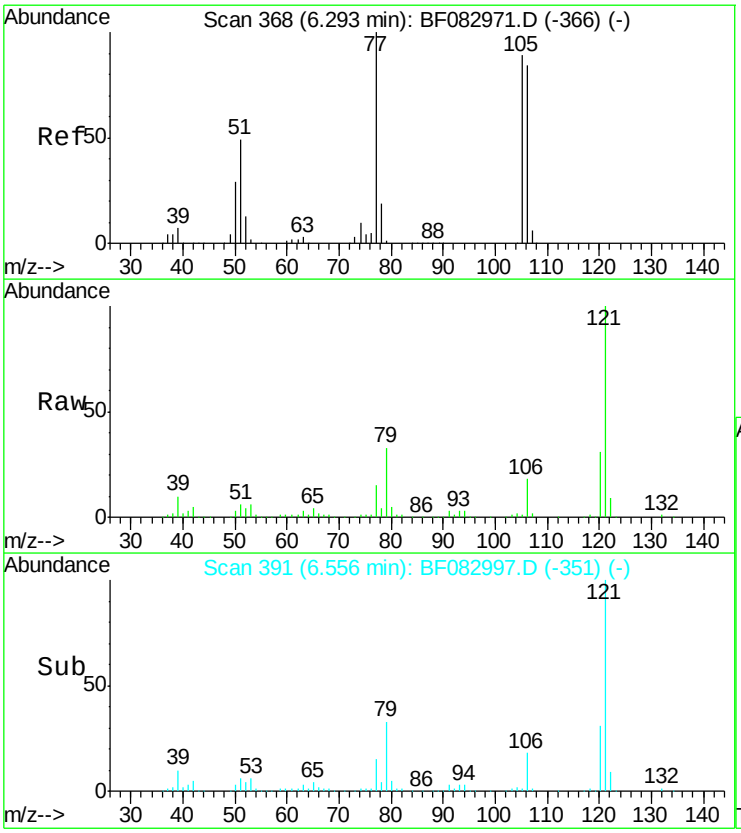
#7
Phenol-d6
Concen: 32.64 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.08 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1476560

Ion	Ratio	Lower	Upper
99	100		
42	16.5	19.2	28.8#
71	32.9	35.0	52.4#

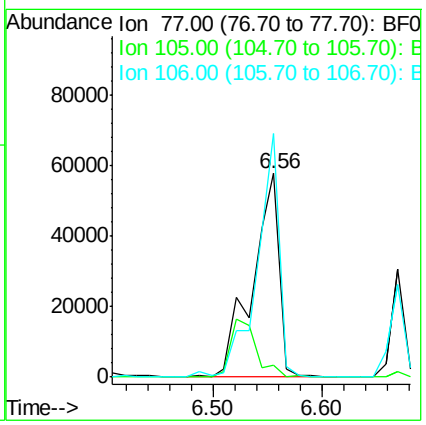


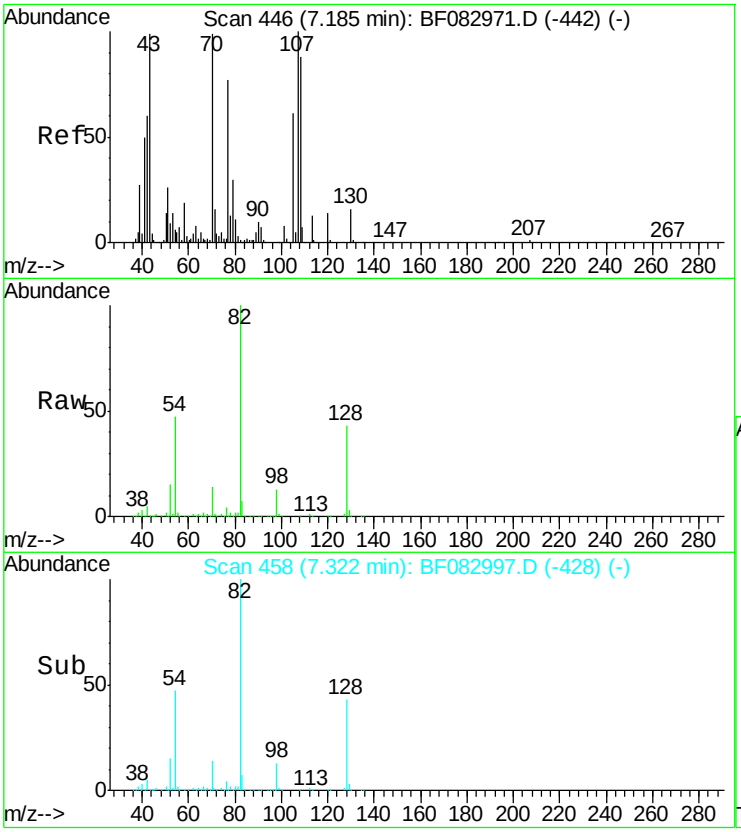


#9
Benzaldehyde
Concen: 3.99 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.16 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Tgt Ion: 77 Resp: 99821

Ion	Ratio	Lower	Upper
77	100		
105	6.1	63.5	103.5#
106	119.7	59.3	99.3#



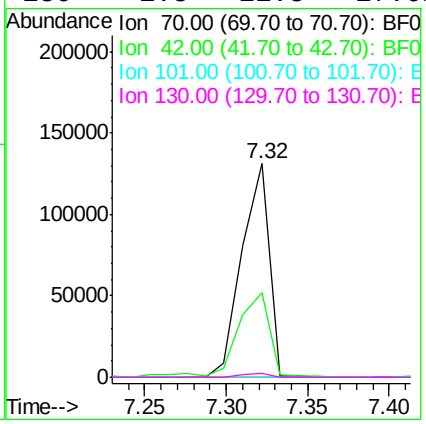


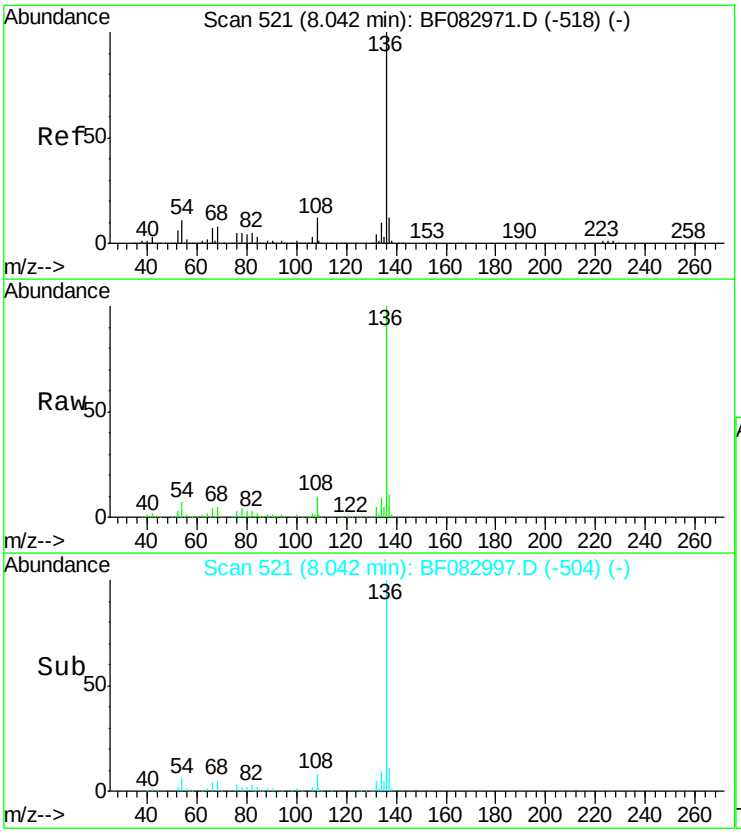
#19
n-Nitroso-di-n-propylamine
Concen: 4.58 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.05 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 152477

Ion	Ratio	Lower	Upper
70	100		
42	39.7	57.7	86.5#
101	0.0	7.0	10.6#
130	1.8	11.8	17.6#

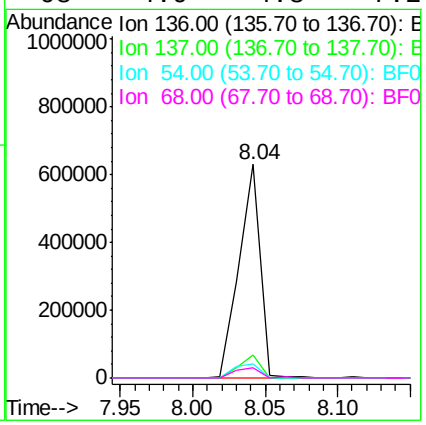


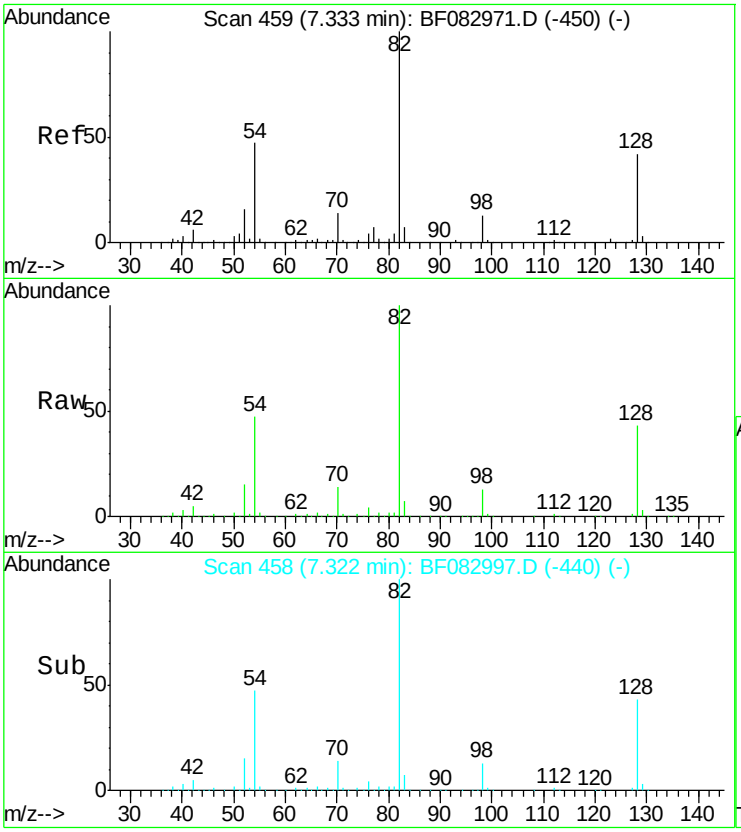


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.10 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Tgt Ion:136 Resp: 642714

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.7	9.1	13.7#
68	4.9	4.8	7.2



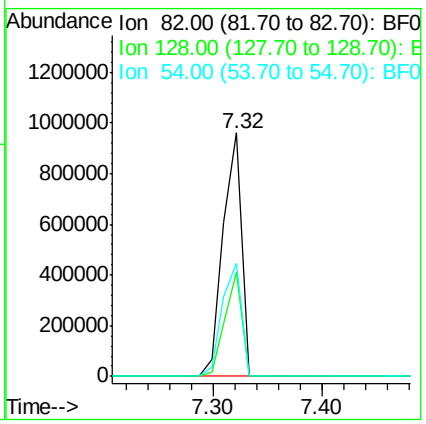


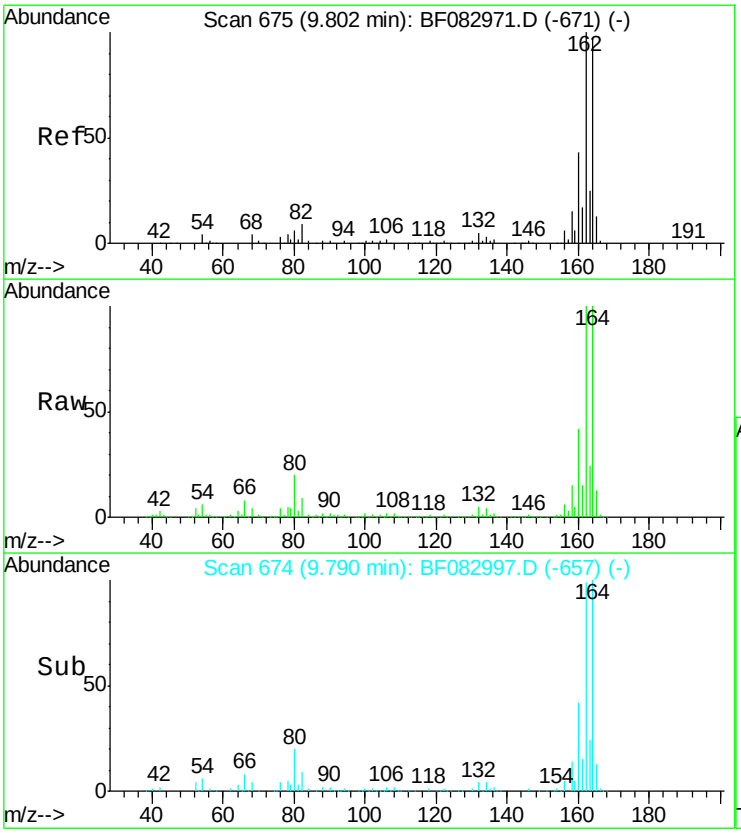
#23
Nitrobenzene-d5
Concen: 76.14 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.09 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1124701

Ion	Ratio	Lower	Upper
82	100		
128	42.5	26.8	40.2#
54	46.6	45.7	68.5

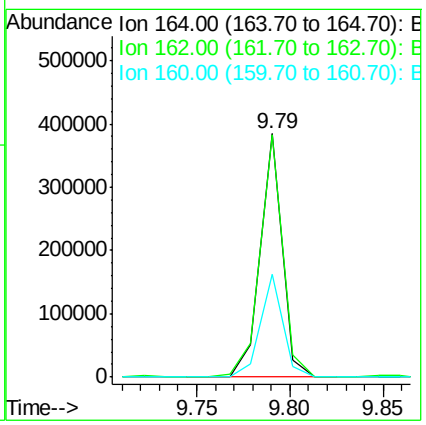


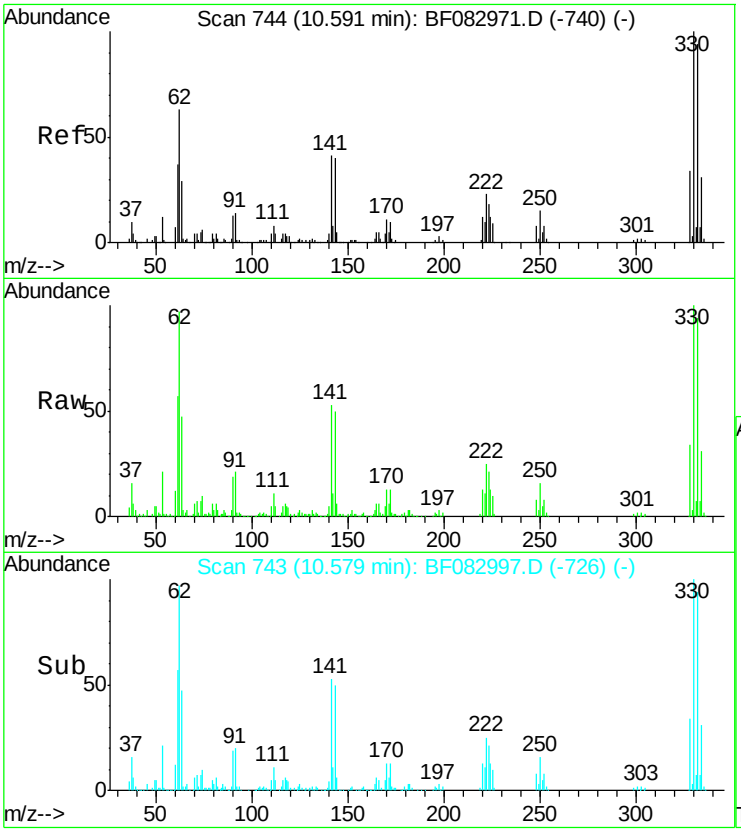


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.10 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Tgt Ion:164 Resp: 319298

Ion	Ratio	Lower	Upper
164	100		
162	99.7	84.9	127.3
160	42.1	37.5	56.3



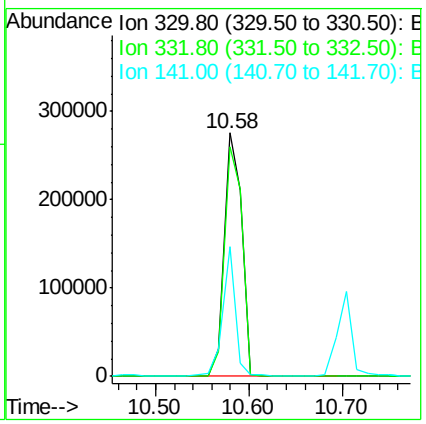


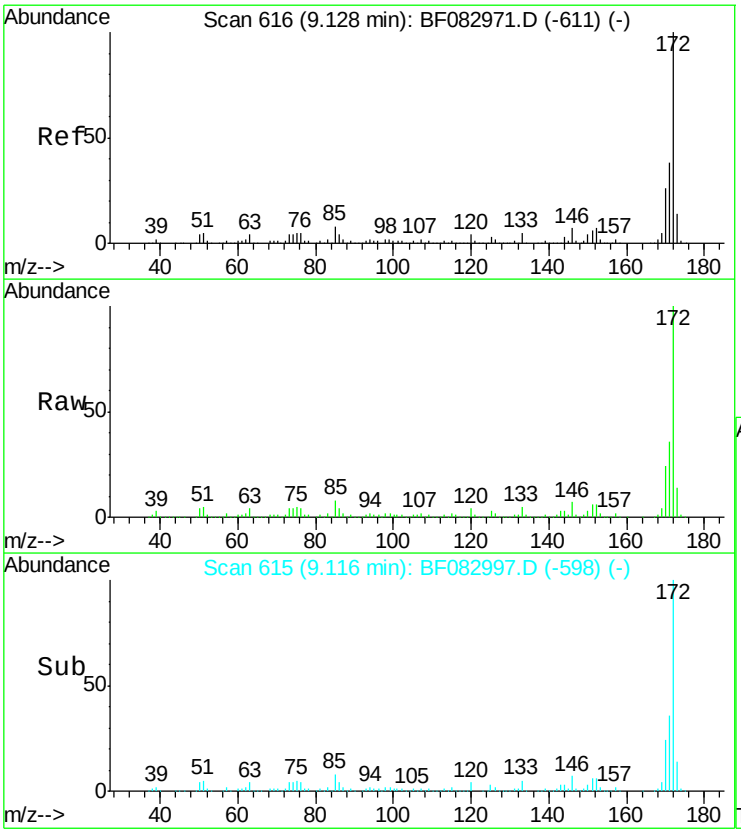
#41
2,4,6-Tribromophenol
Concen: 98.12 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.10 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 359214

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	37.7	41.2	61.8#

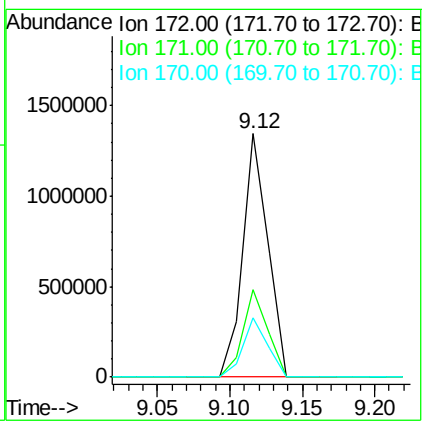


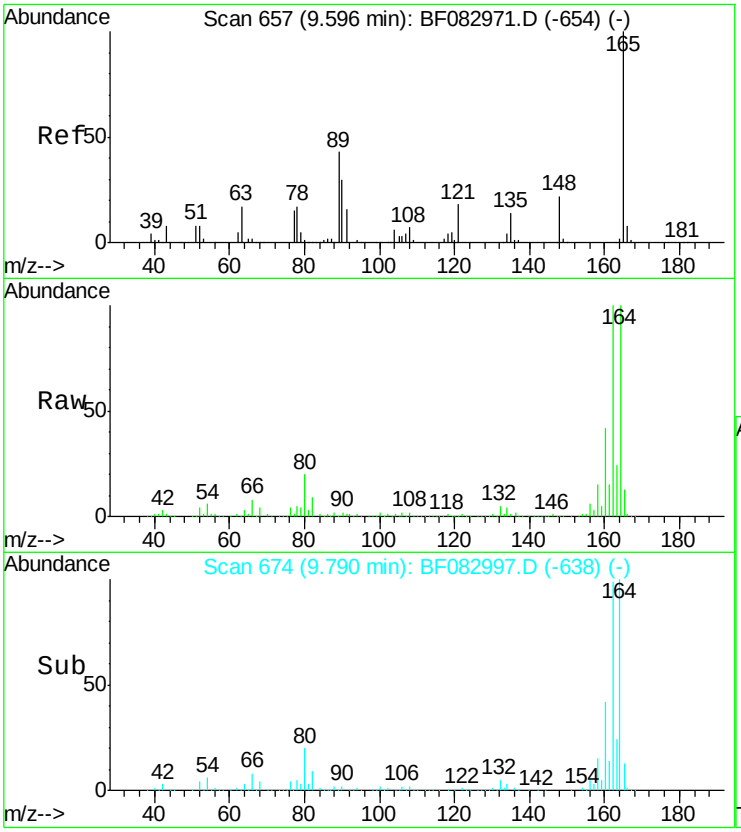


#44
2-Fluorobiphenyl
Concen: 72.31 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.10 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Tgt Ion:172 Resp: 1610879

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.8	46.2
170	24.3	21.2	31.8



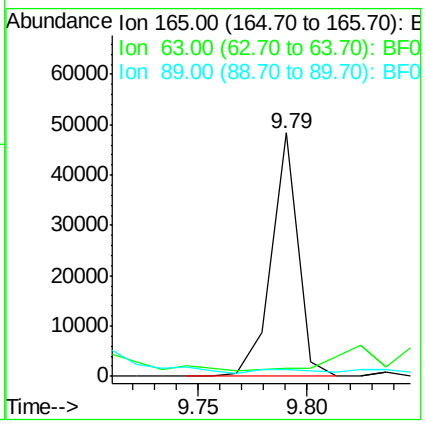


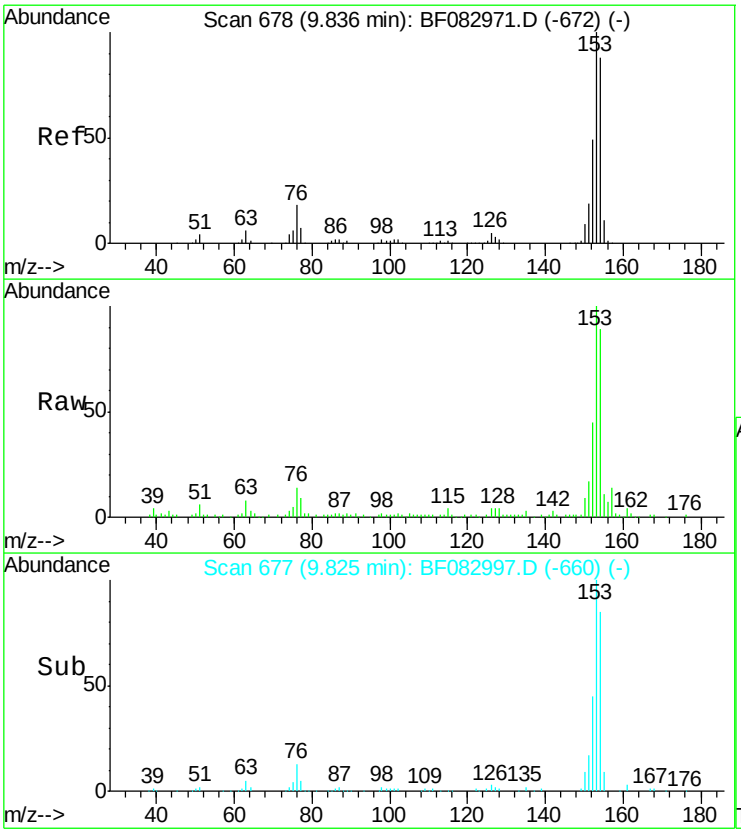
#50
2,6-Dinitrotoluene
Concen: 7.47 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.11 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 41704

Ion	Ratio	Lower	Upper
165	100		
63	3.5	55.5	83.3#
89	2.9	55.0	82.6#

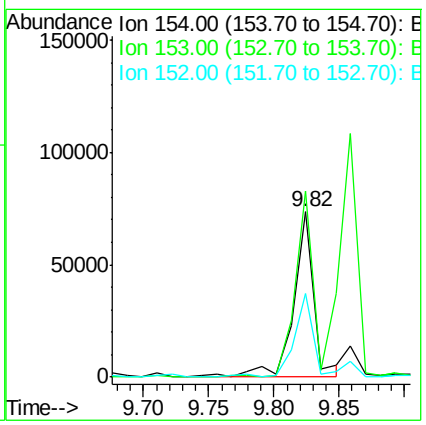


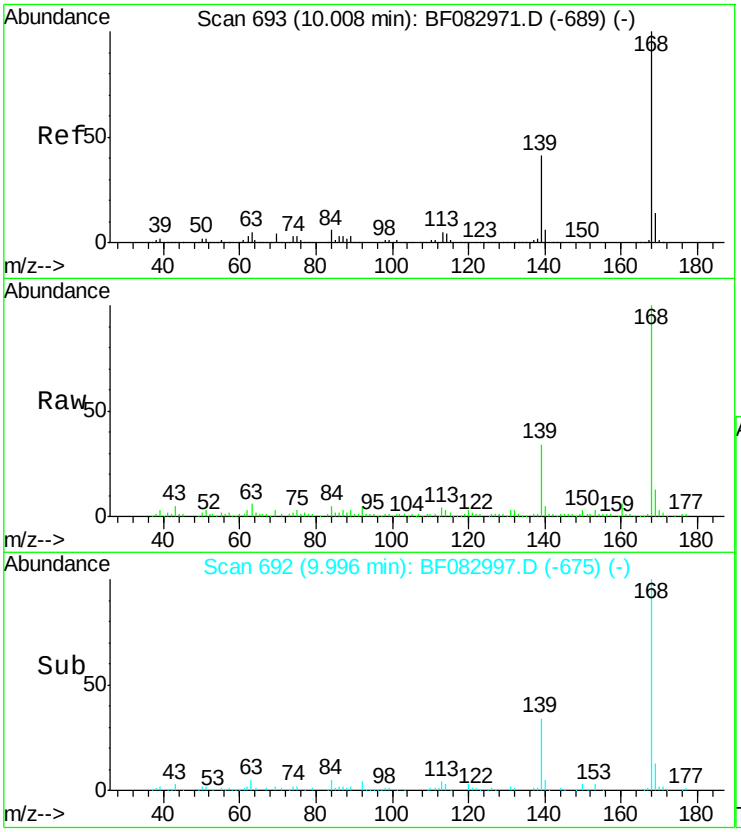


#51
Acenaphthene
Concen: 3.65 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.10 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Tgt Ion:154 Resp: 77550

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.1	135.1
152	50.5	44.3	66.5



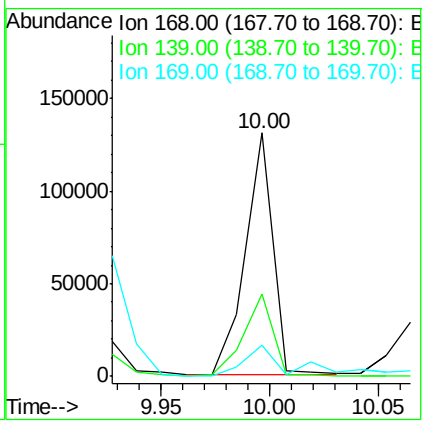


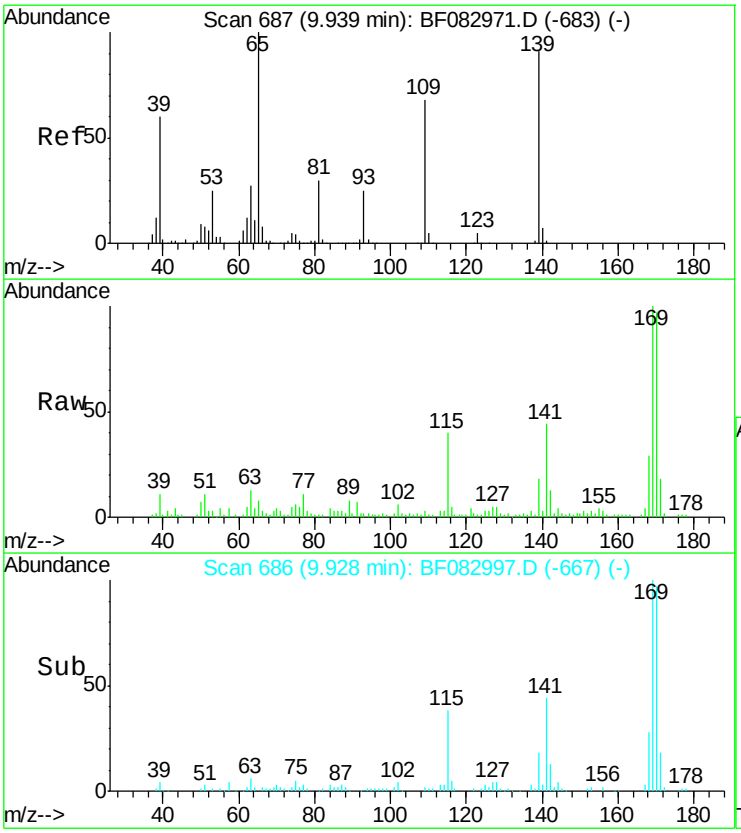
#54
Dibenzofuran
Concen: 4.02 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.10 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 115135

Ion	Ratio	Lower	Upper
168	100		
139	34.0	37.8	56.6#
169	12.9	11.3	16.9

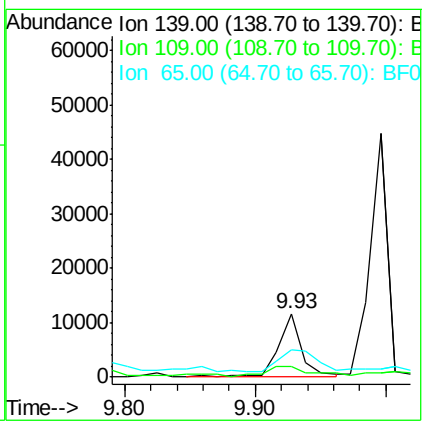


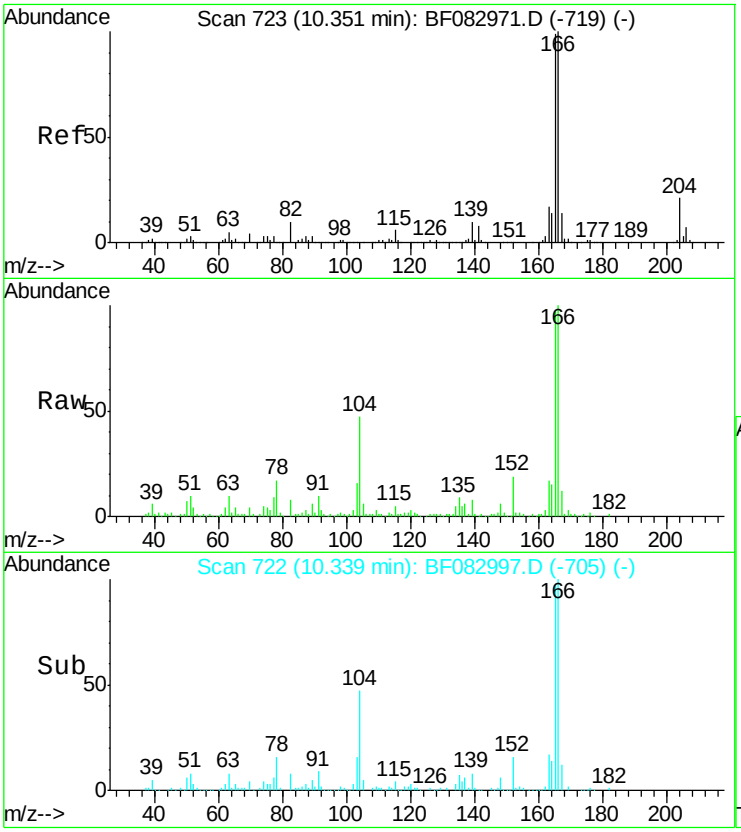


#55
4-Nitrophenol
Concen: 3.13 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.08 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Tgt Ion:139 Resp: 14731

Ion	Ratio	Lower	Upper
139	100		
109	17.0	73.7	113.7#
65	42.0	82.9	122.9#



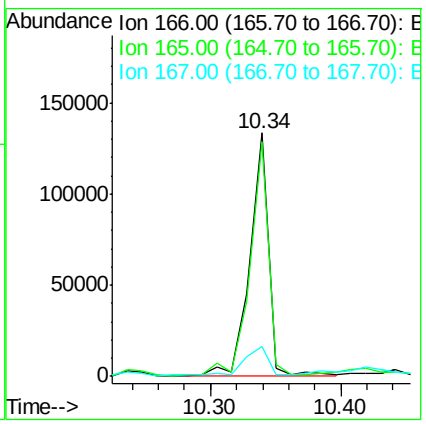


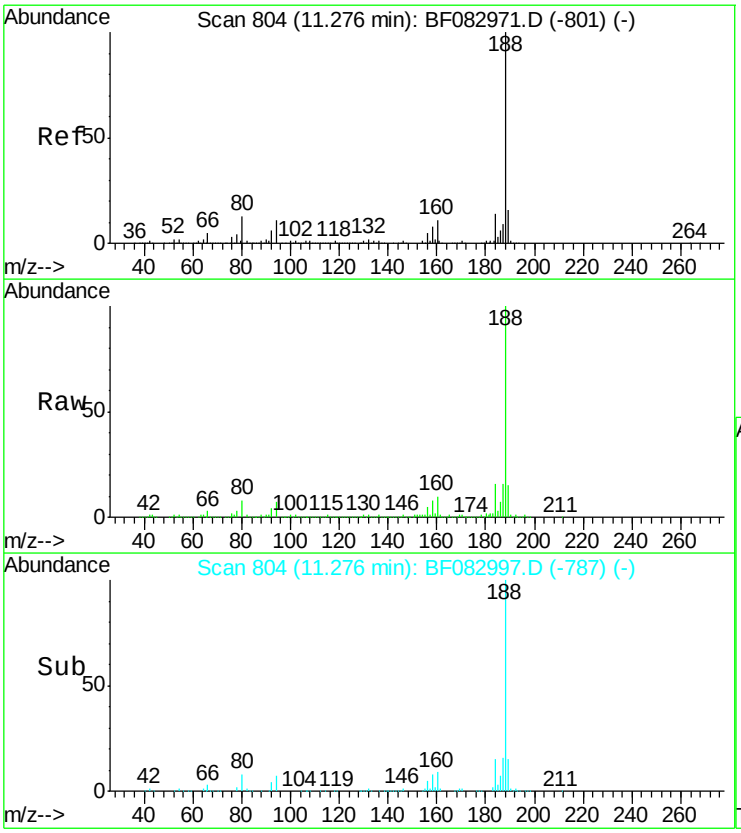
#57
Fluorene
Concen: 5.73 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.10 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 132842

Ion	Ratio	Lower	Upper
166	100		
165	96.5	80.2	120.4
167	12.2	11.2	16.8

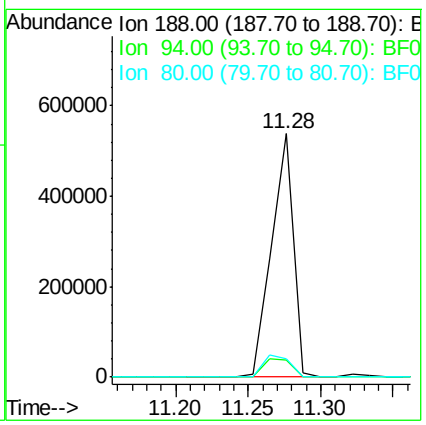


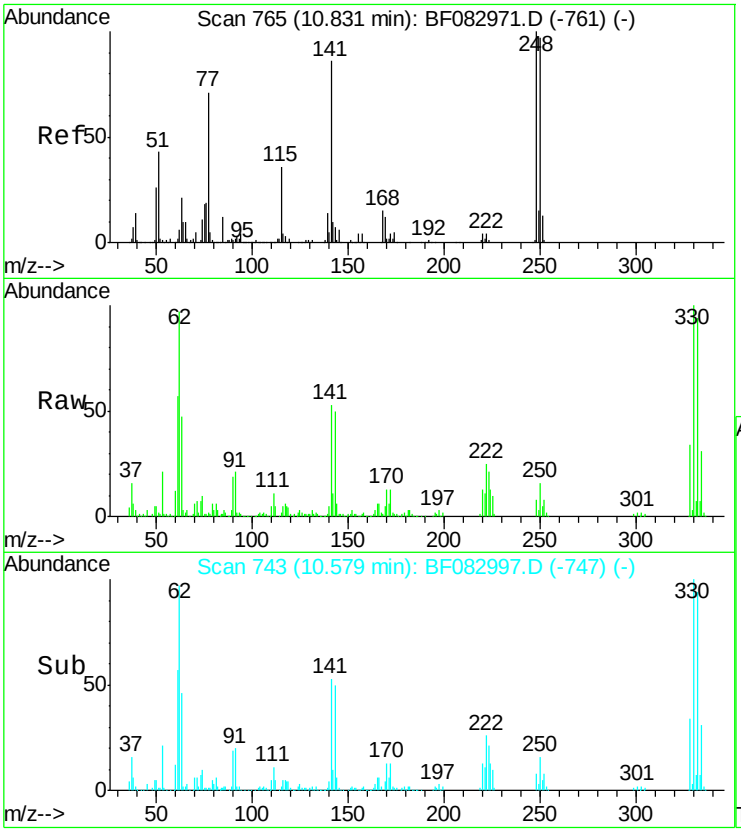


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.10 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Tgt Ion:188 Resp: 559449

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.1	9.1
80	7.6	7.0	10.6



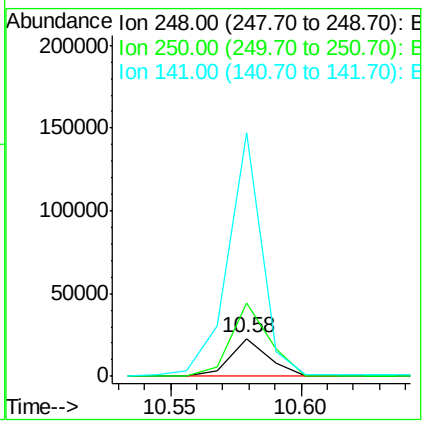


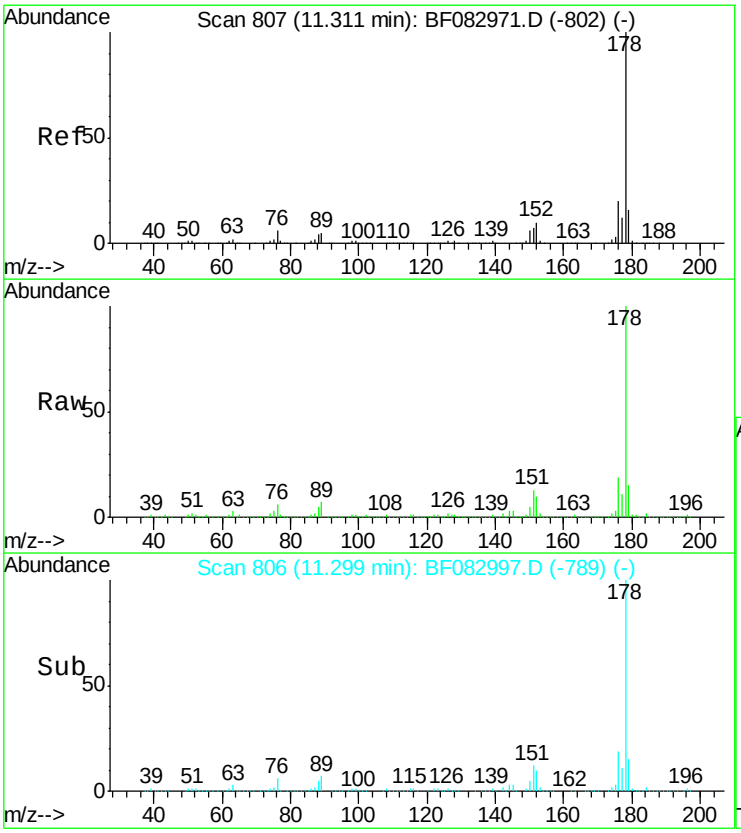
#66
4-Bromophenyl-phenylether
Concen: 3.48 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.34 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 23417

Ion	Ratio	Lower	Upper
248	100		
250	195.8	79.4	119.2#
141	646.0	36.3	54.5#

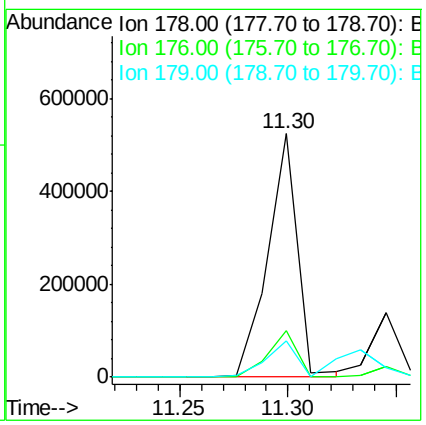


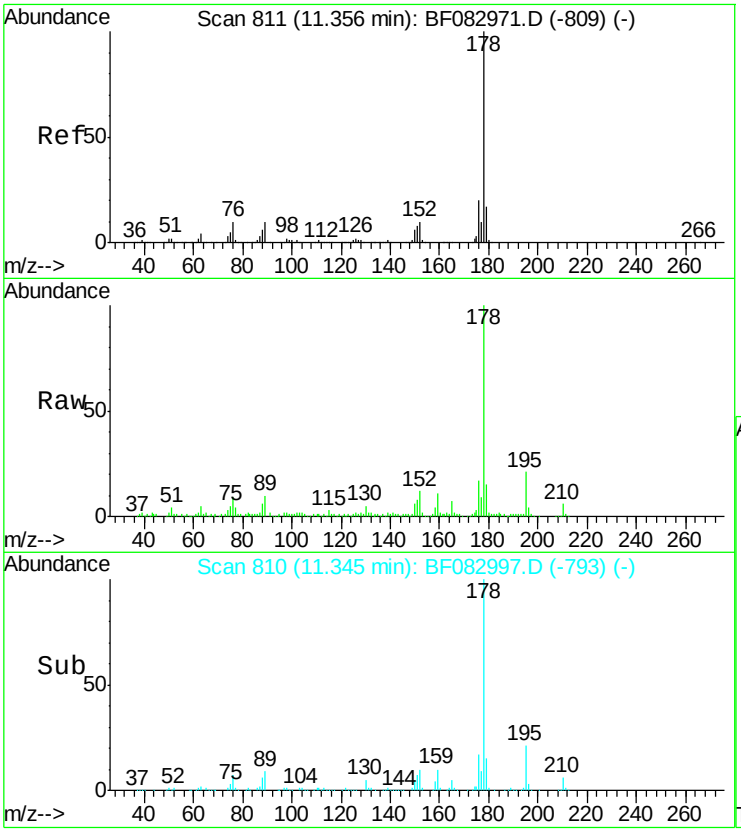


#70
Phenanthrene
Concen: 15.34 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.10 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Tgt Ion:178 Resp: 498249

Ion	Ratio	Lower	Upper
178	100		
176	19.0	17.0	25.4
179	15.0	13.4	20.0



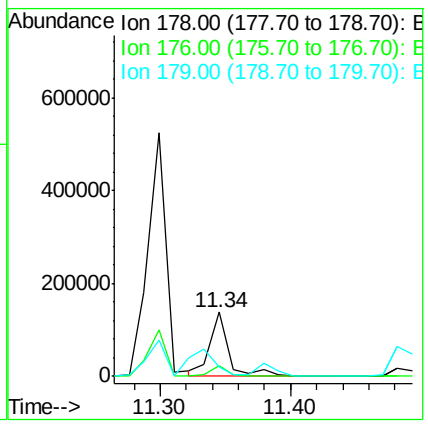


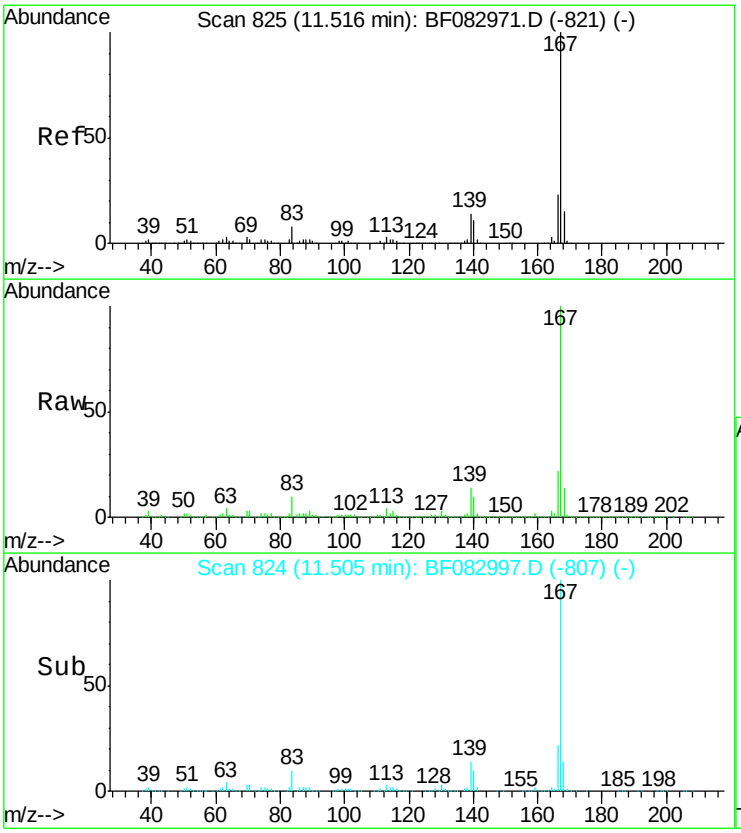
#71
Anthracene
Concen: 4.01 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.10 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 137285

Ion	Ratio	Lower	Upper
178	100		
176	17.5	16.5	24.7
179	15.2	13.2	19.8

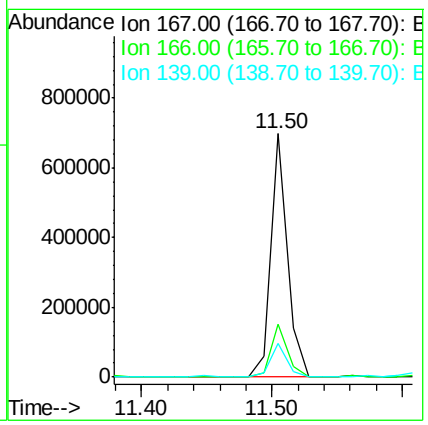


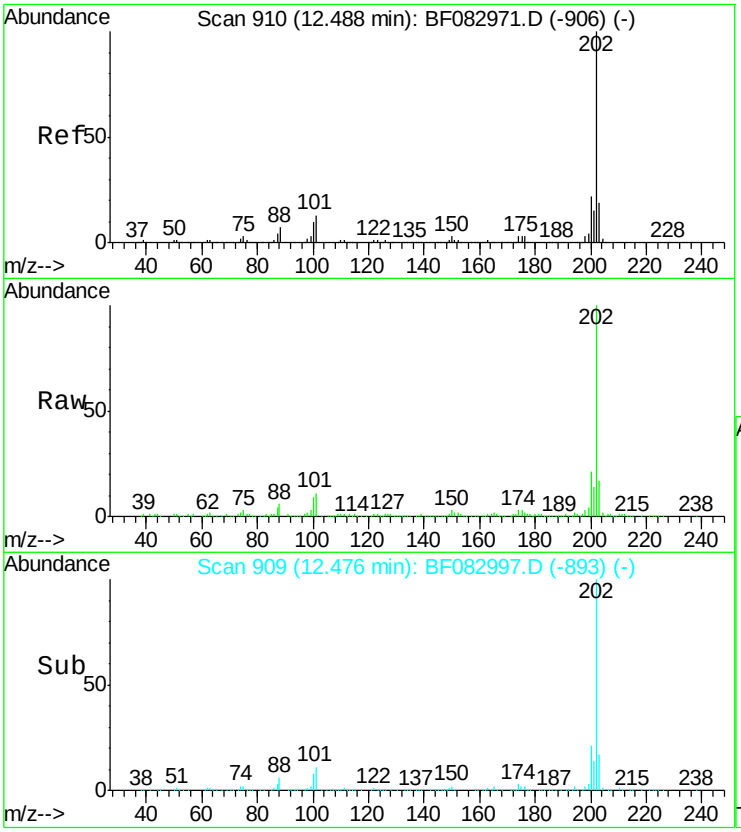


#72
Carbazole
Concen: 20.76 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.10 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Tgt Ion:167 Resp: 622027

Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.7	28.1
139	13.7	11.8	17.6



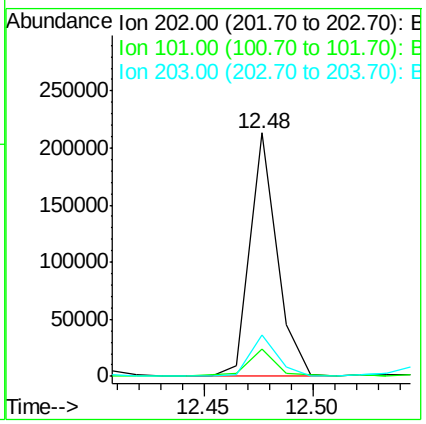


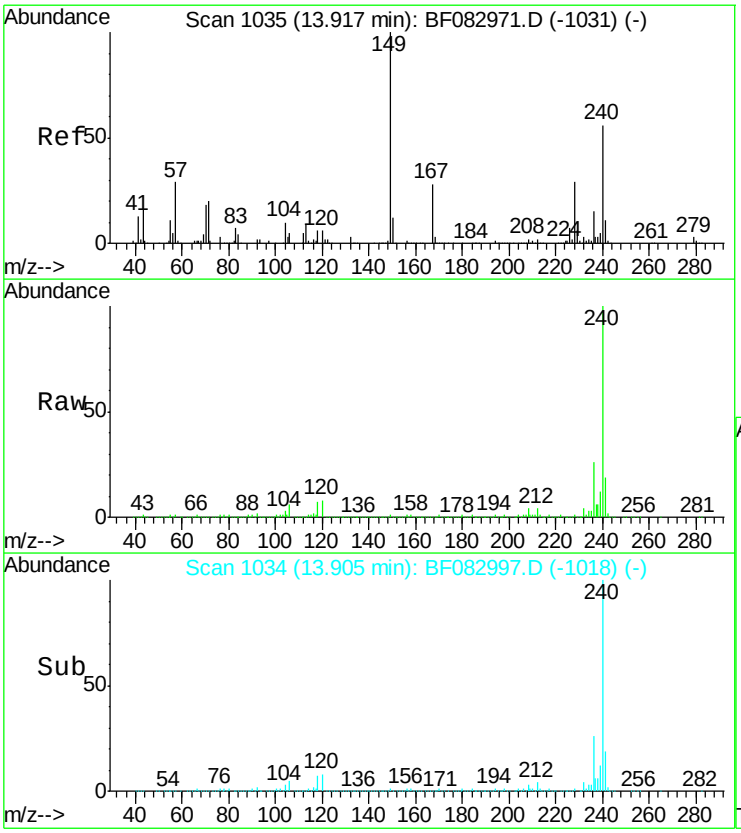
#74
Fluoranthene
Concen: 5.27 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.11 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 183613

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.5
203	16.8	0.0	38.5

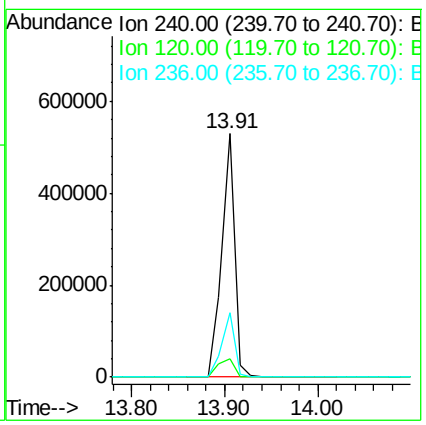


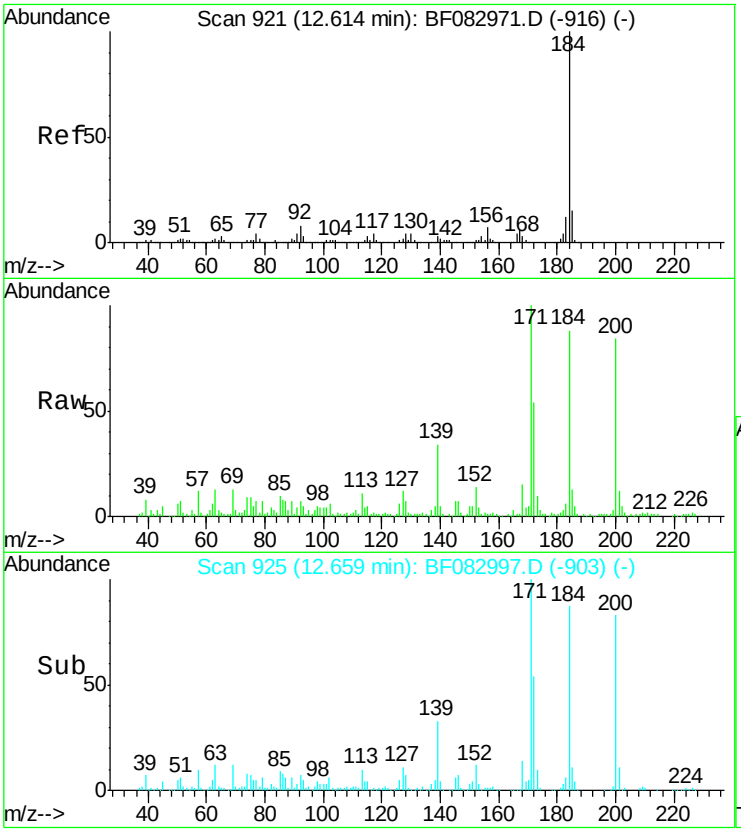


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.11 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Tgt Ion:240 Resp: 508100

Ion	Ratio	Lower	Upper
240	100		
120	7.5	10.9	16.3#
236	26.2	21.6	32.4



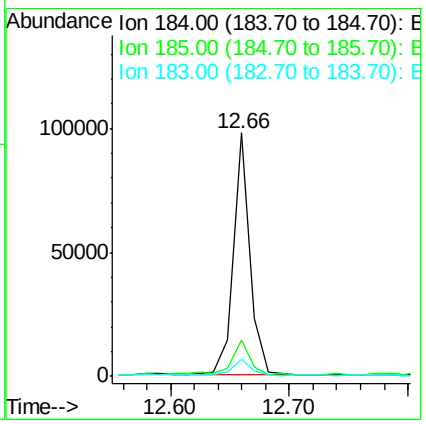


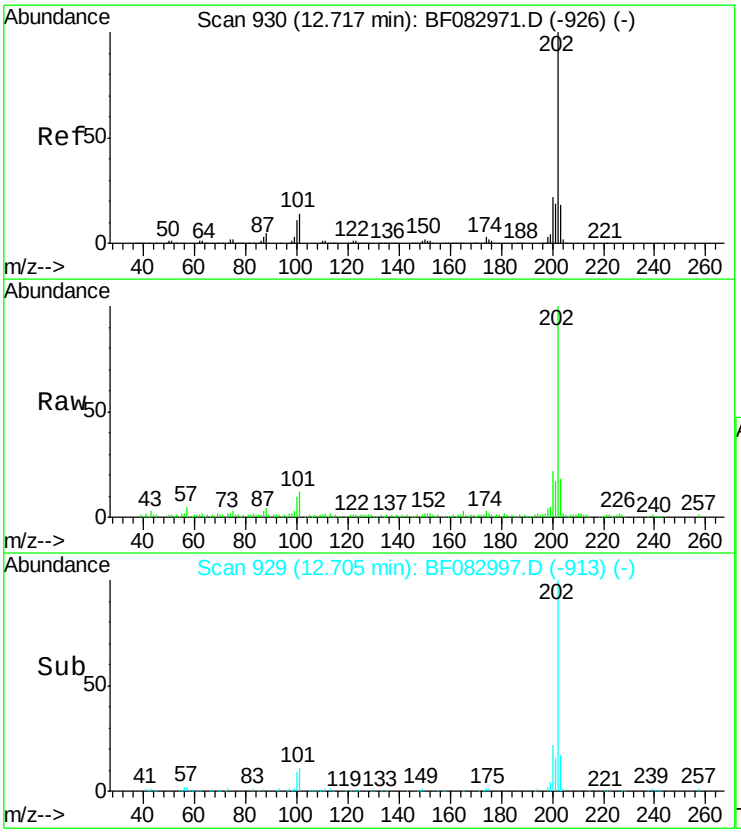
#76
Benzidine
Concen: 5.56 ng
RT: 12.66 min Scan# 925
Delta R.T. -0.05 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 94609

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.0	18.0
183	7.1	9.6	14.4#

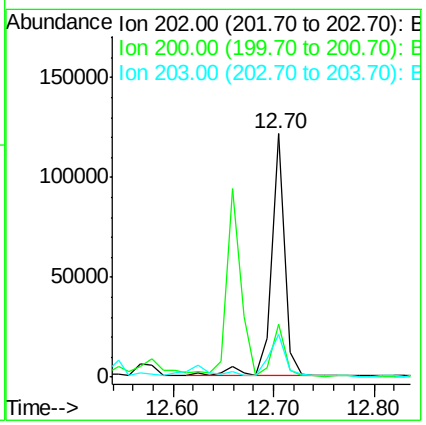


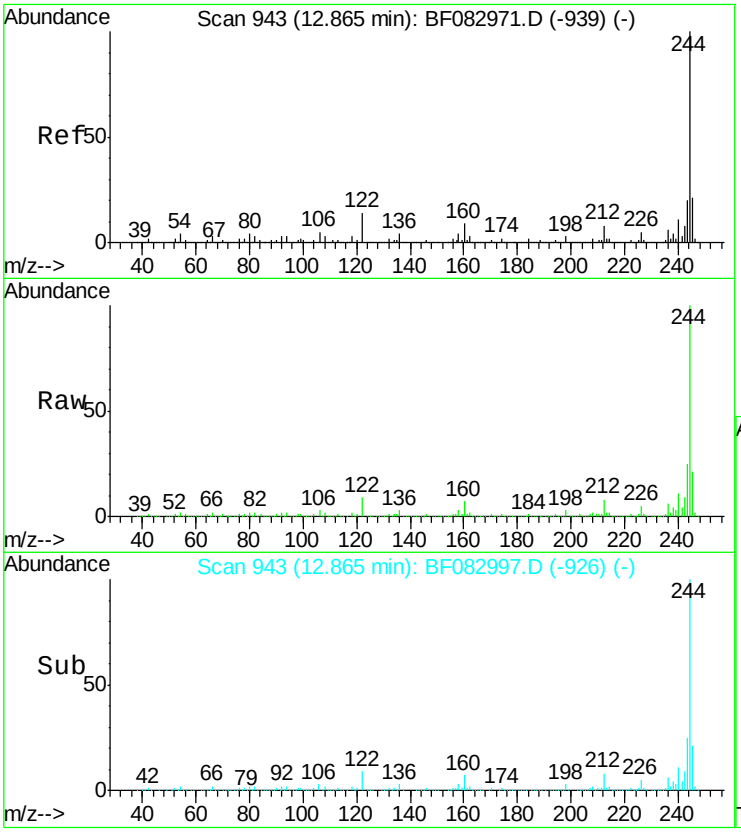


#77
Pyrene
Concen: 3.17 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.11 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Tgt Ion:202 Resp: 110685

Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.7	28.1
203	17.6	14.8	22.2



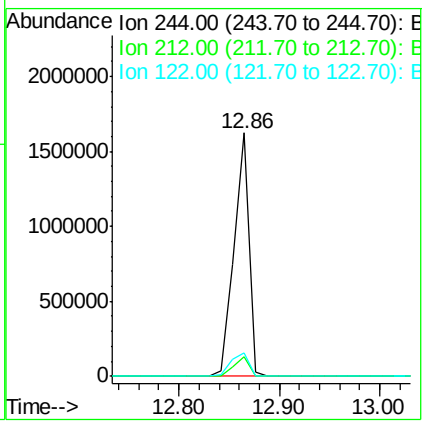


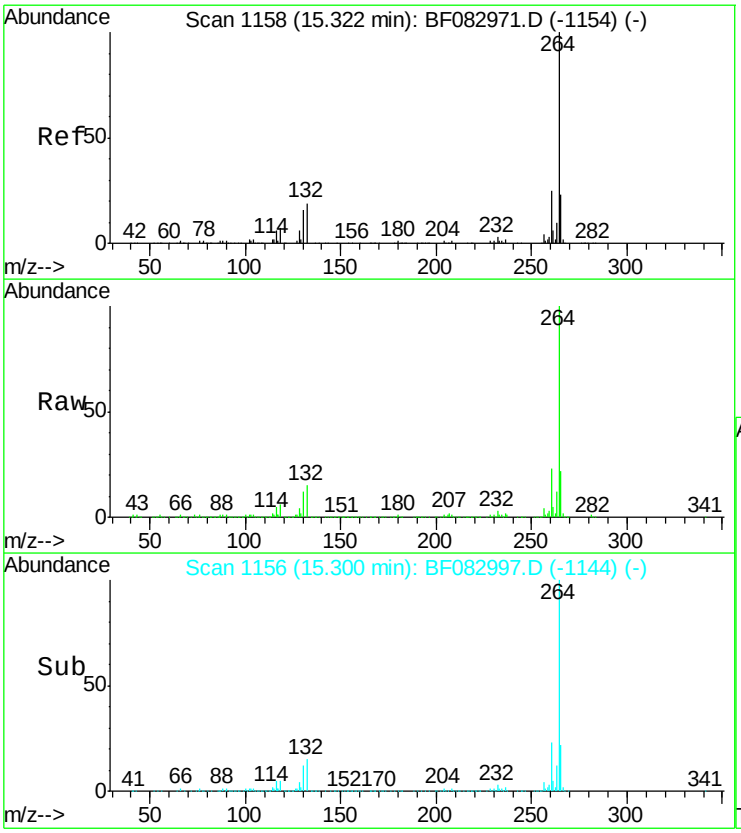
#78
Terphenyl-d14
Concen: 78.20 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.10 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1675183

Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.6	11.4
122	9.4	11.3	16.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.16 min
Lab File: BF082997.D
Acq: 18 Nov 2015 6:25

Tgt Ion:264 Resp: 338970

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.8	29.6
265	21.8	17.4	26.0