Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
Data File : BF084003.D
Acq On : 22 Dec 2015 22:12
Operator : UM/SJ
Sample : PB87413BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87413BL

Quant Time: Dec 23 01:09:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	54529	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	225935	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	108567	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	210632	20.00	ng	0.00
75) Chrysene-d12	13.99	240	221347	20.00	ng	-0.01
86) Perylene-d12	15.41	264	225038	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	351629	109.95	ng	0.01
7) Phenol-d6	6.48	99	486575	129.40	ng	0.00
23) Nitrobenzene-d5	7.39	82	285394	77.60	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	143455	137.37	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	598649	74.21	ng	0.00
78) Terphenyl-d14	12.93	244	634796	68.39	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.60	93	373	0.07	ng	# 1
9) Benzaldehyde	6.48	77	855	0.34	ng	# 1
10) Phenol	6.60	94	560	0.13	ng	# 1
11) bis(2-Chloroethyl)ether	6.60	93	373	0.11	ng	# 1
15) Benzyl Alcohol	6.98	79	4864	1.64	ng	# 42
19) n-Nitroso-di-n-propylamine	7.39	70	39578	17.37	ng	# 77
24) Nitrobenzene	7.39	77	685	0.18	ng	# 38
25) Isophorone	7.39	82	229064	32.87	ng	# 66
45) 1,1'-Biphenyl	9.20	154	1169	0.12	ng	# 1
47) 2-Nitroaniline	9.18	65	728	0.39	ng	# 1
50) 2,6-Dinitrotoluene	9.87	165	13995	7.81	ng	# 35
51) Acenaphthene	9.87	154	313	0.05	ng	# 4
56) 2,4-Dinitrotoluene	9.87	165	13992	6.21	ng	# 20
57) Fluorene	10.66	166	5662	0.73	ng	# 93
62) Azobenzene	10.65	77	573	0.08	ng	# 1
65) n-Nitrosodiphenylamine	10.66	169	4569	0.59	ng	# 51
66) 4-Bromophenyl-phenylether	10.66	248	9427	3.90	ng	# 1
77) Pyrene	12.93	202	2288	0.15	ng	# 69
80) Benzo(a)anthracene	13.99	228	423	0.03	ng	# 51
82) Chrysene	13.99	228	423	0.04	ng	# 49
89) Benzo(a)pyrene	15.41	252	581	0.04	ng	# 61

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
Data File : BF084003.D
Acq On : 22 Dec 2015 22:12
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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Quant Time: Dec 23 01:09:19 2015
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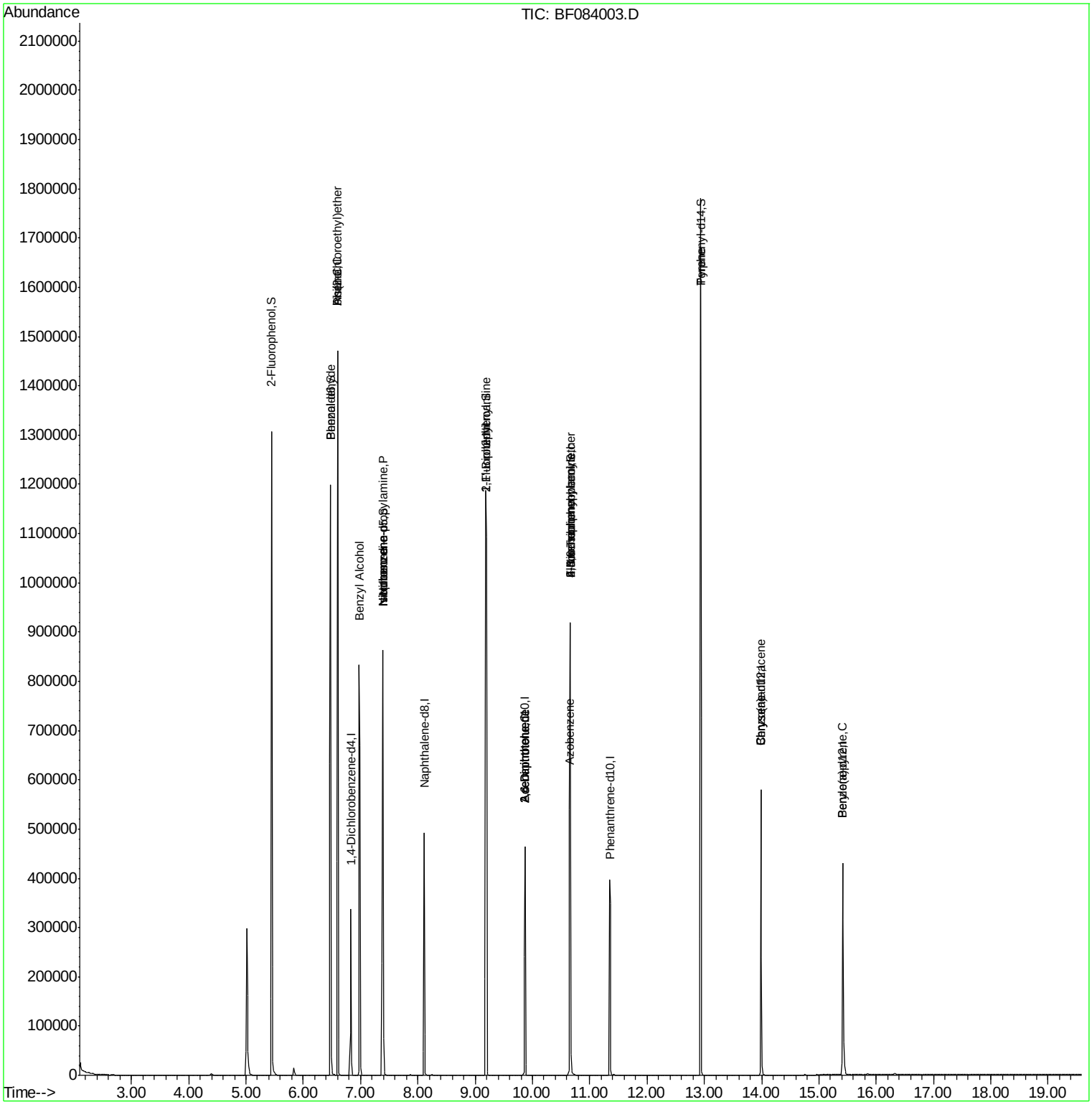
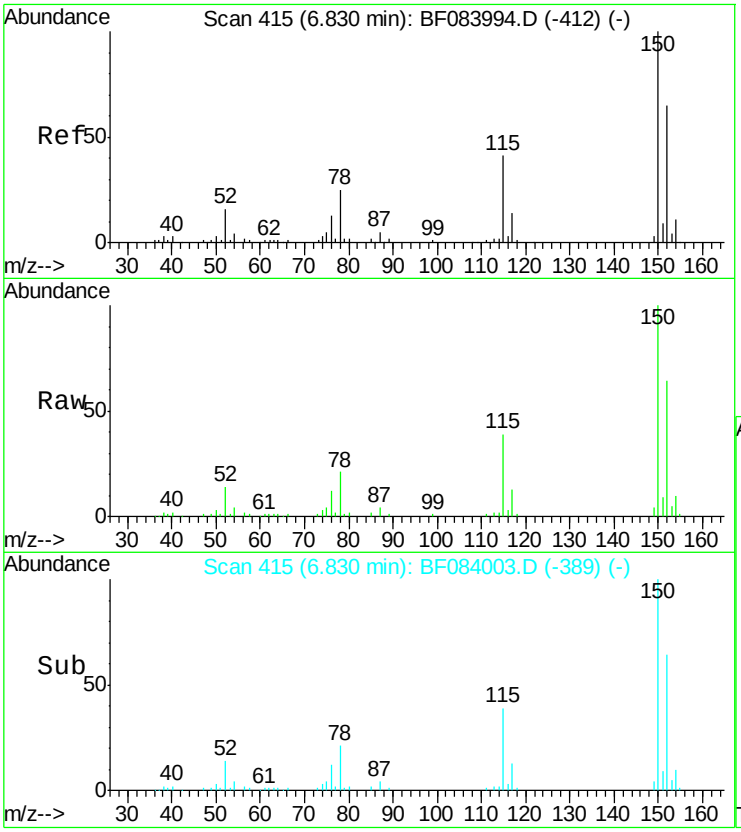
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration



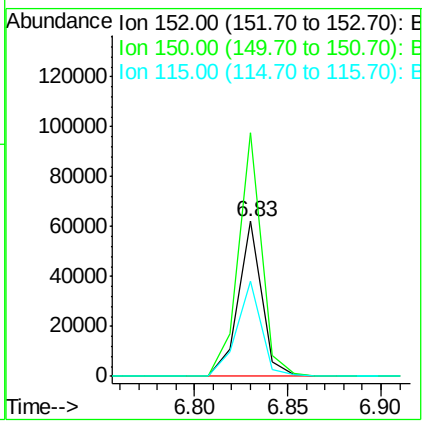


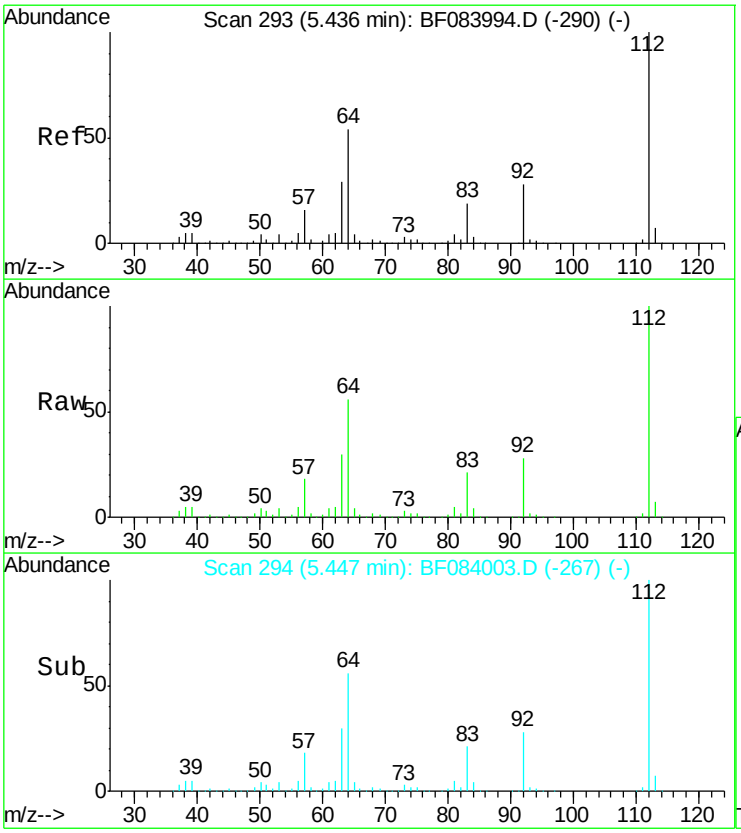
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
PB87413BL

Tgt Ion:152 Resp: 54529

Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.0	184.4
115	61.4	51.4	77.2

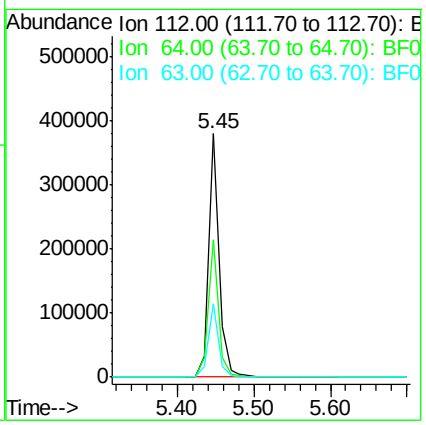


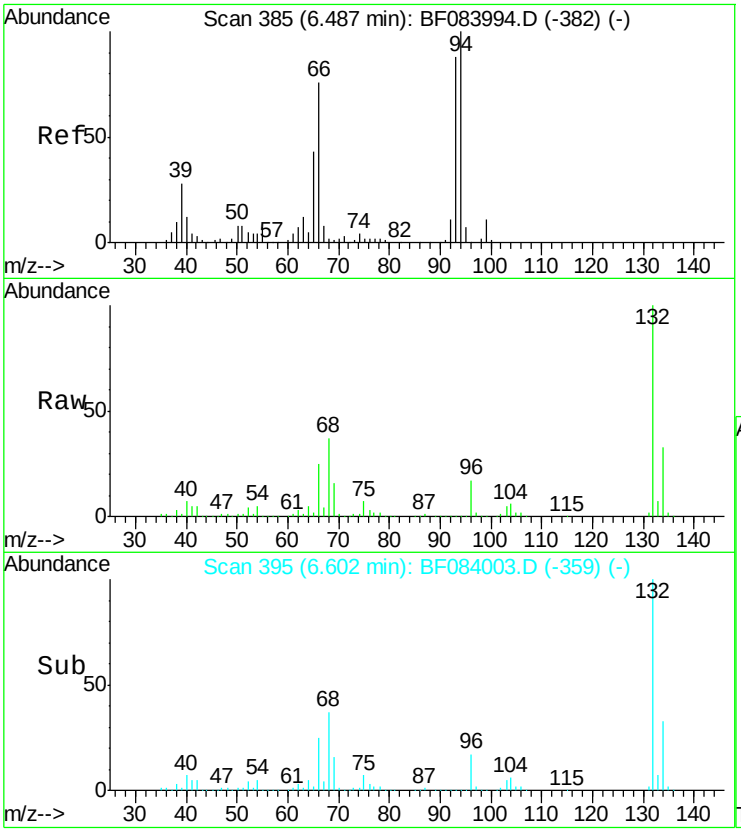


#5
2-Fluorophenol
Concen: 109.95 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Tgt Ion:112 Resp: 351629

Ion	Ratio	Lower	Upper
112	100		
64	56.2	36.6	55.0#
63	30.1	19.4	29.0#



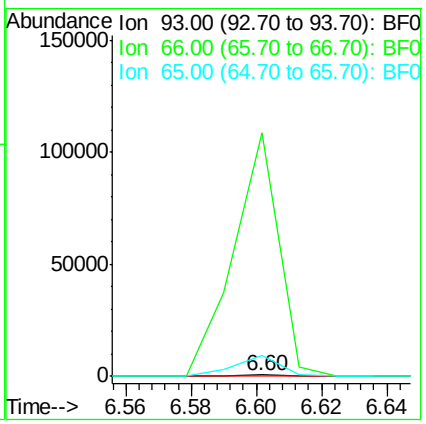


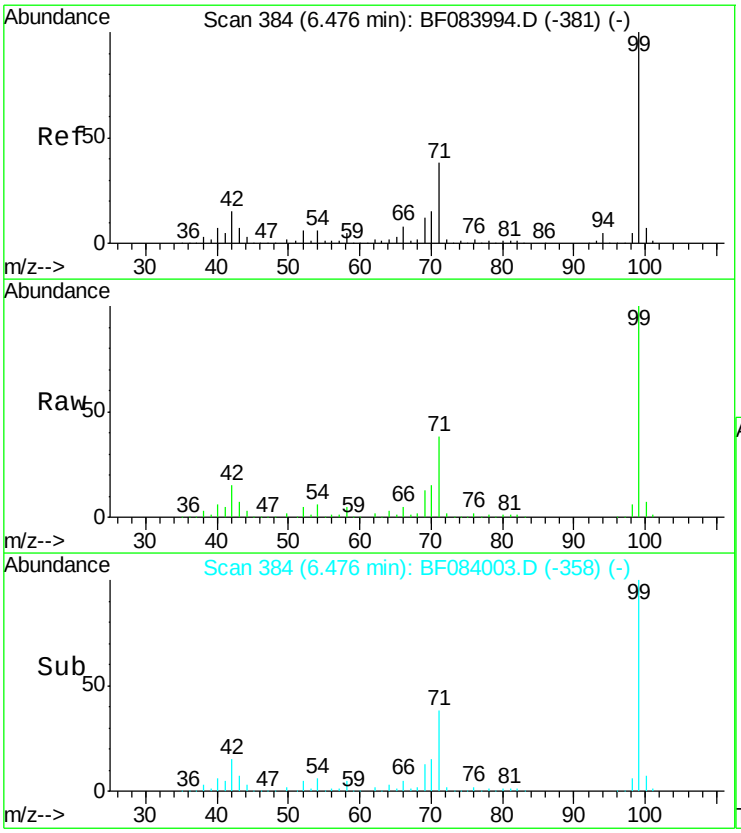
#6
Aniline
Concen: 0.07 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.11 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
PB87413BL

Tgt Ion: 93 Resp: 373

Ion	Ratio	Lower	Upper
93	100		
66	19955.9	44.9	67.3#
65	1697.6	23.7	35.5#

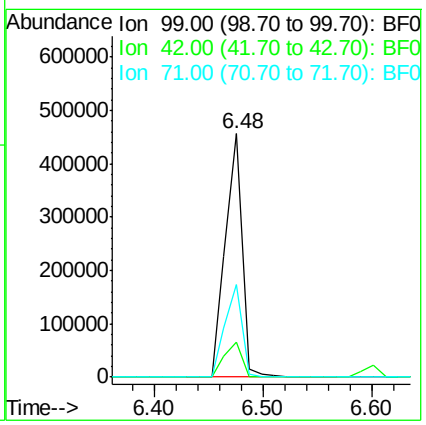


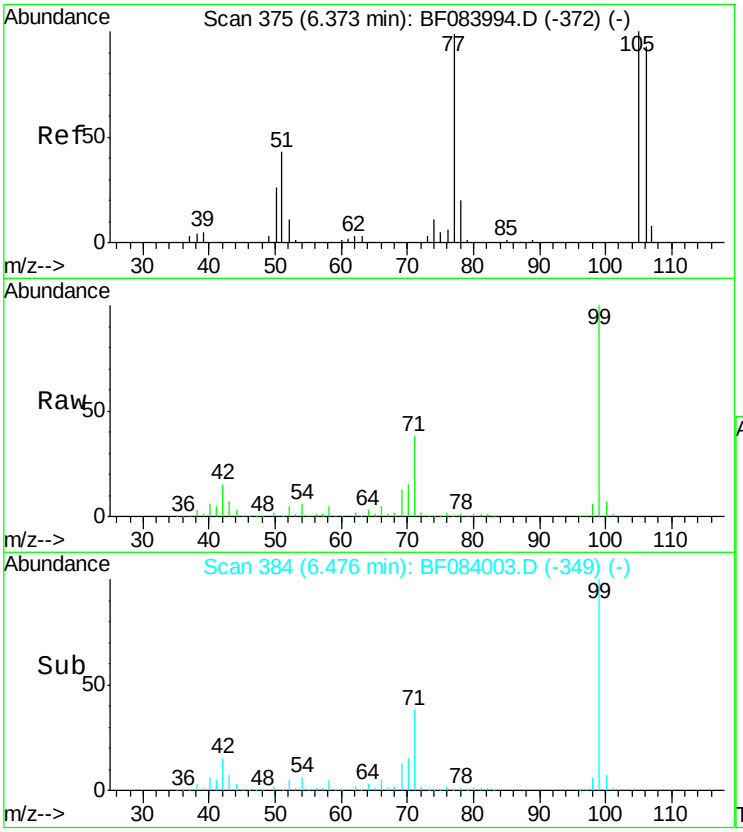


#7
Phenol-d6
Concen: 129.40 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Tgt Ion: 99 Resp: 486575

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.8	19.2
71	38.1	30.9	46.3



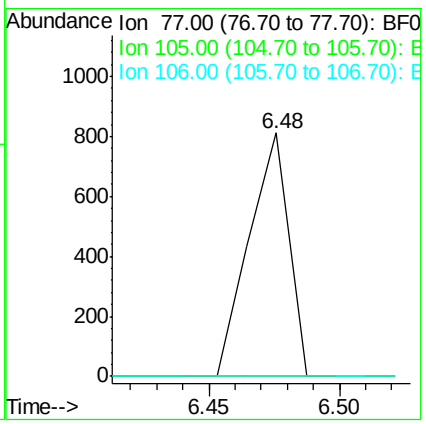


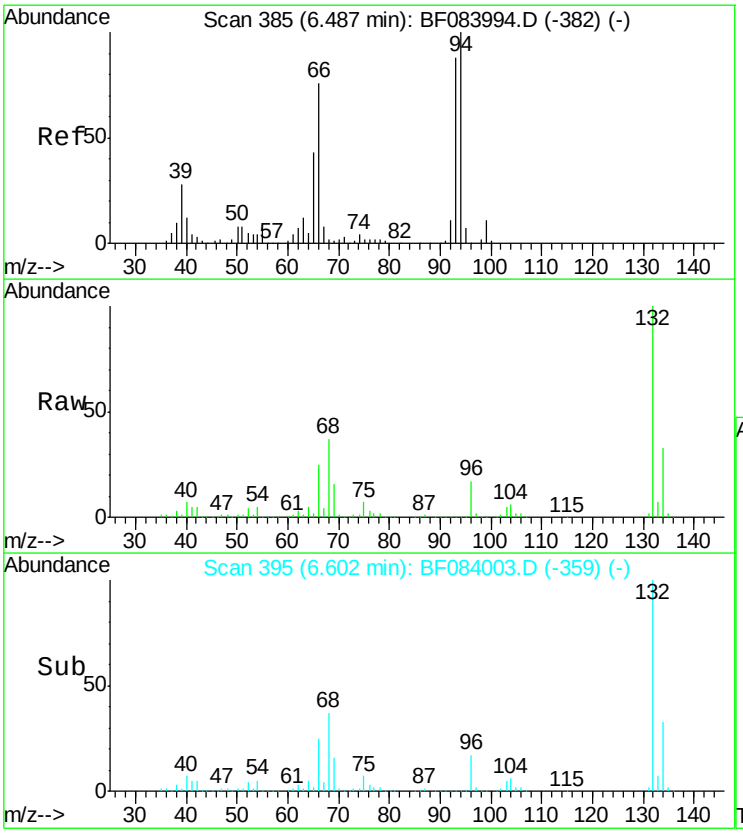
#9
Benzaldehyde
Concen: 0.34 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.10 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
PB87413BL

Tgt Ion: 77 Resp: 855

Ion	Ratio	Lower	Upper
77	100		
105	0.0	83.0	123.0#
106	0.0	74.6	114.6#

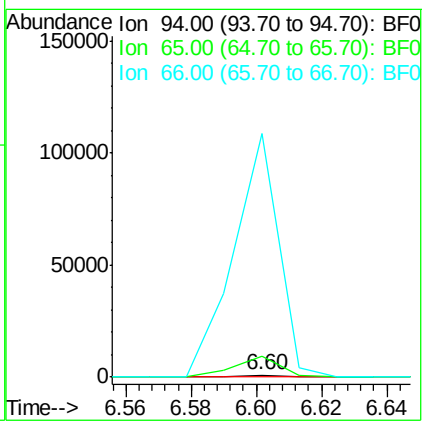


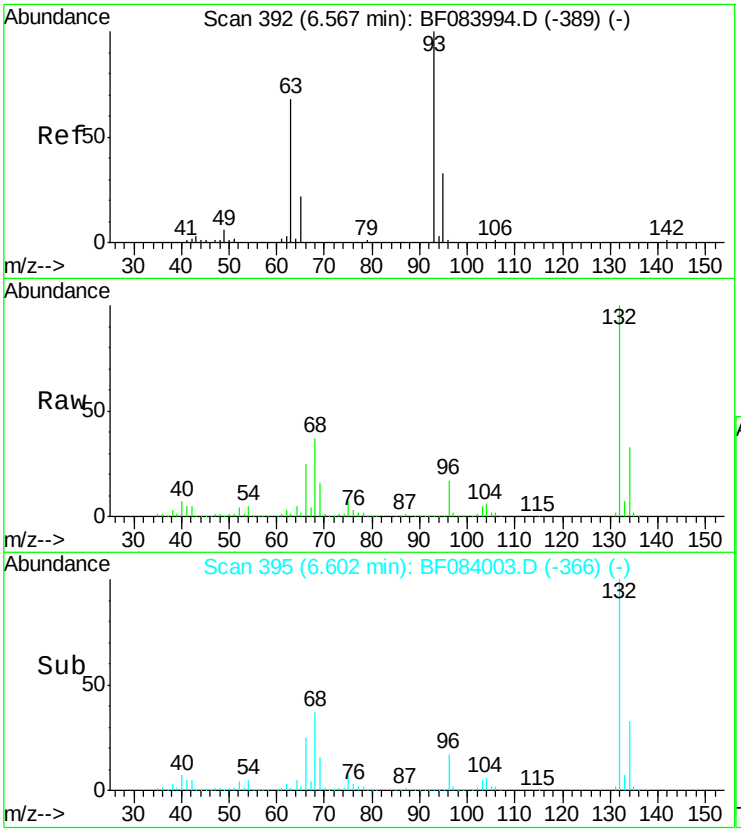


#10
Phenol
Concen: 0.13 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.11 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Tgt Ion: 94 Resp: 560

Ion	Ratio	Lower	Upper
94	100		
65	1131.7	12.9	52.9#
66	13303.9	32.7	72.7#



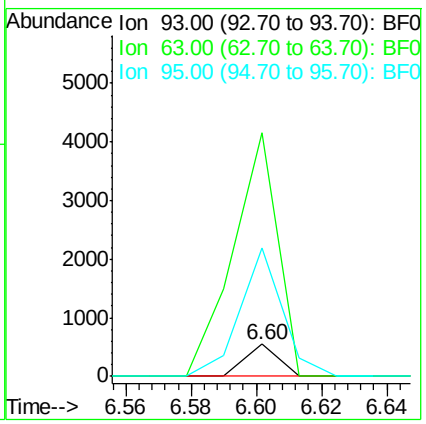


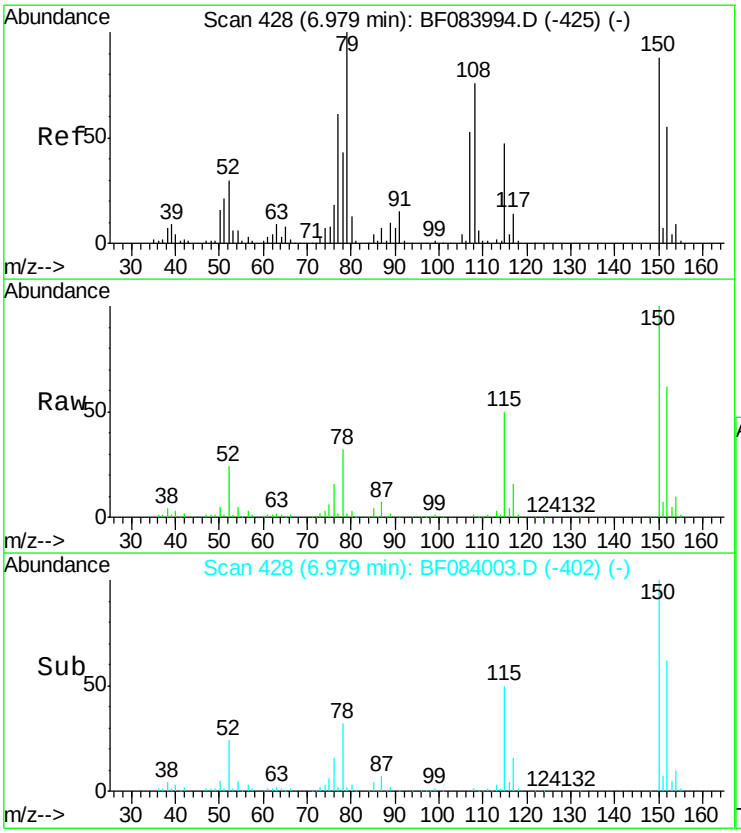
#11
bis(2-Chloroethyl)ether
Concen: 0.11 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.03 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
PB87413BL

Tgt Ion: 93 Resp: 373

Ion	Ratio	Lower	Upper
93	100		
63	764.0	45.9	85.9#
95	403.3	12.3	52.3#

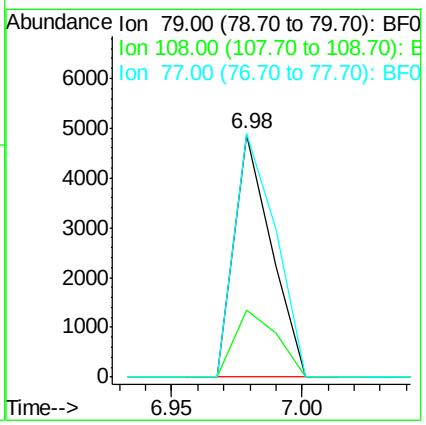


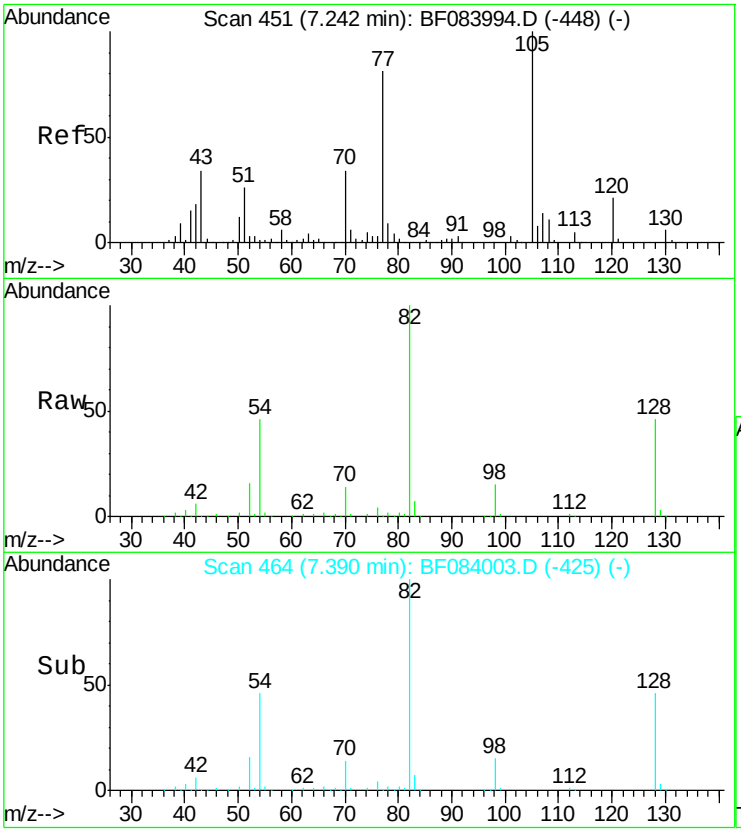


#15
Benzyl Alcohol
Concen: 1.64 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Tgt Ion: 79 Resp: 4864

Ion	Ratio	Lower	Upper
79	100		
108	27.6	69.0	103.4#
77	100.3	50.0	75.0#



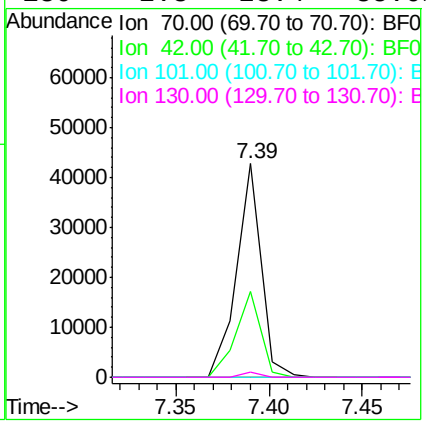


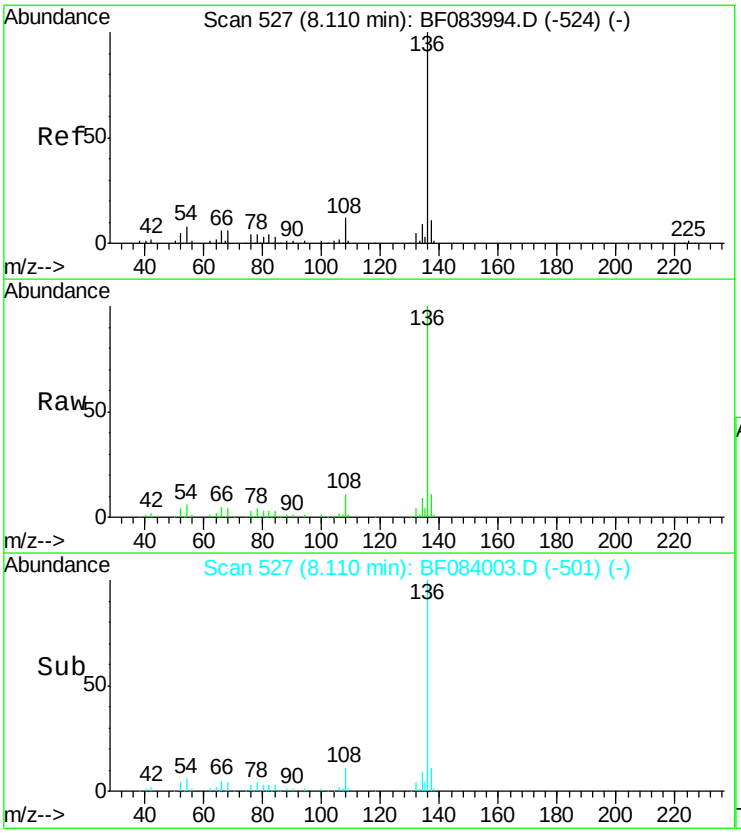
#19
n-Nitroso-di-n-propylamine
Concen: 17.37 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
PB87413BL

Tgt Ion: 70 Resp: 39578

Ion	Ratio	Lower	Upper
70	100		
42	40.1	33.3	49.9
101	0.0	9.3	13.9#
130	2.3	23.4	35.0#

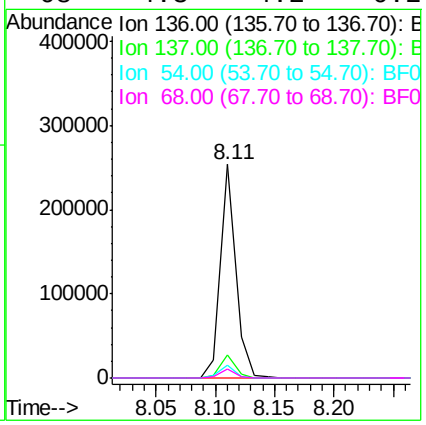


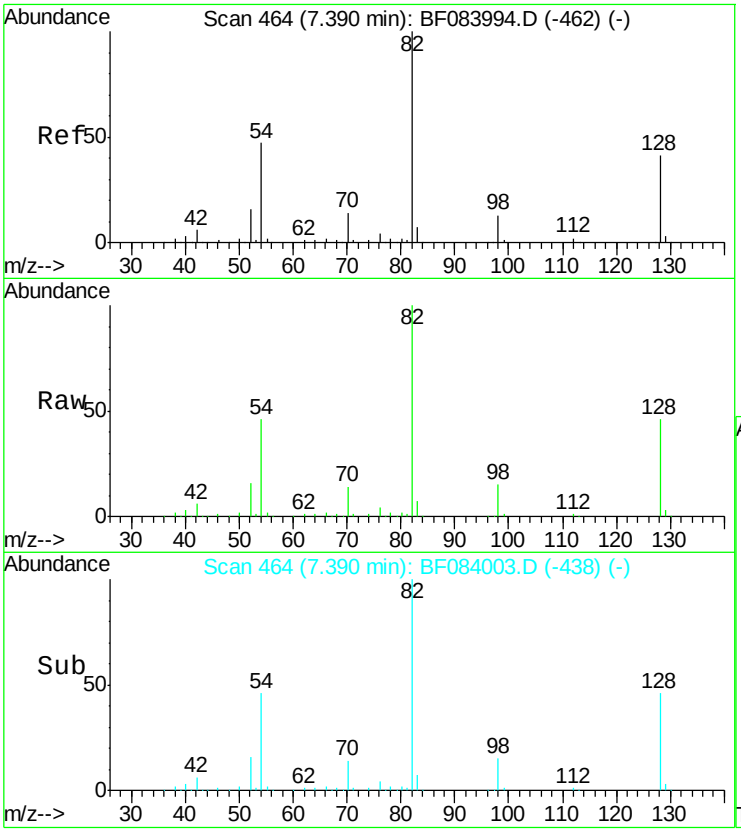


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Tgt Ion:136 Resp: 225935

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	5.8	5.8	8.8#
68	4.3	4.2	6.2



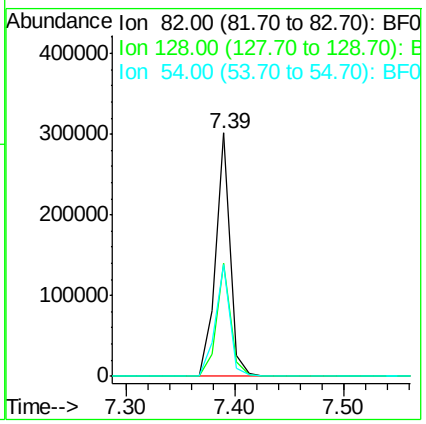


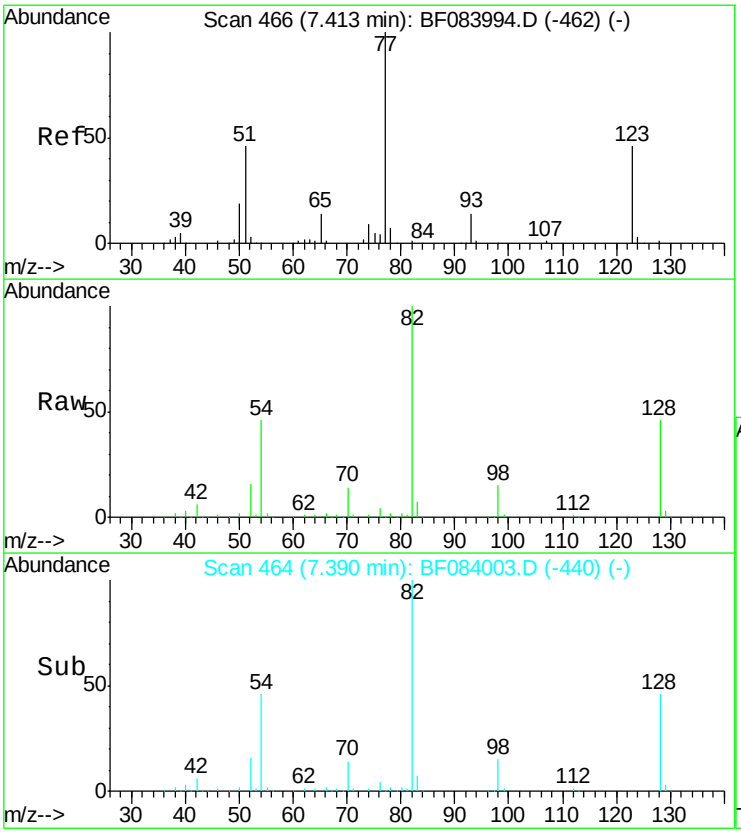
#23
Nitrobenzene-d5
Concen: 77.60 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
PB87413BL

Tgt Ion: 82 Resp: 285394

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.6	51.8
54	45.7	38.4	57.6

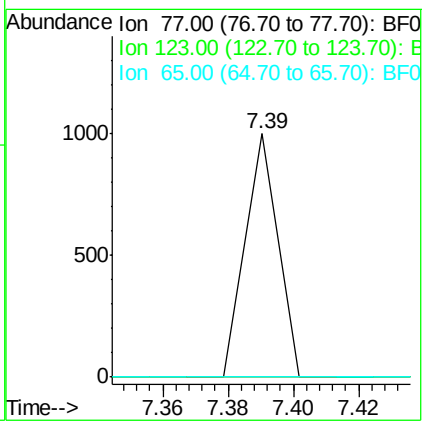


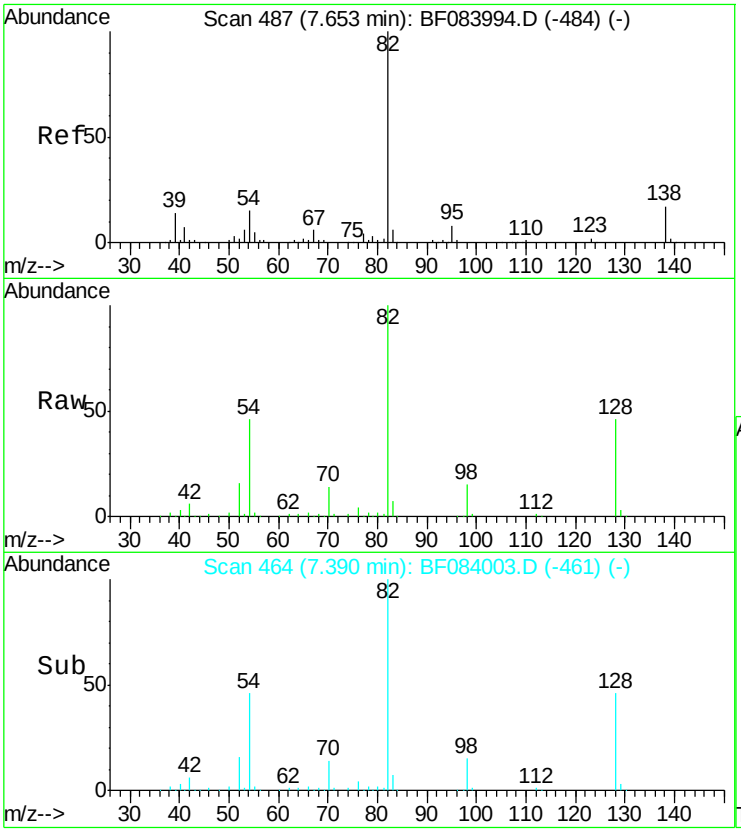


#24
Nitrobenzene
Concen: 0.18 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Tgt Ion: 77 Resp: 685

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.4	56.2#
65	0.0	10.9	16.3#



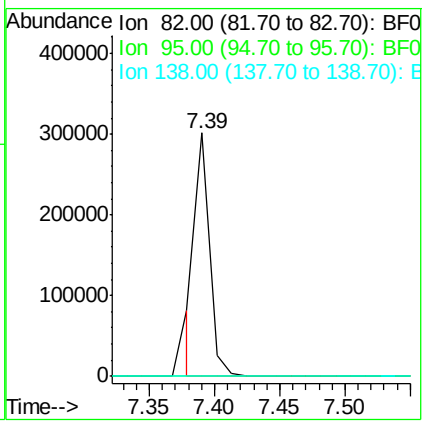


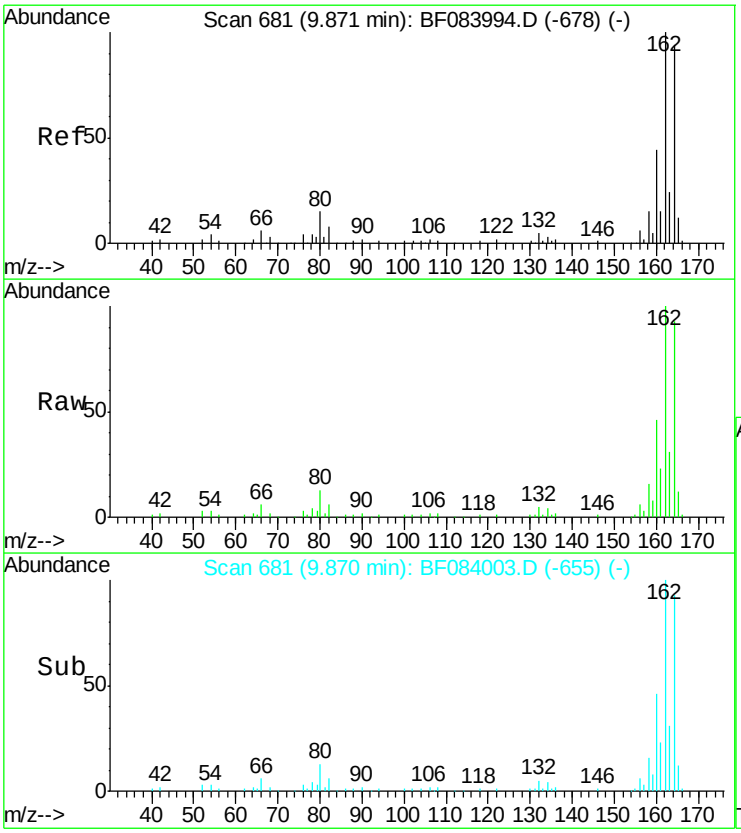
#25
Isophorone
Concen: 32.87 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.26 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
PB87413BL

Tgt Ion: 82 Resp: 229064

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#

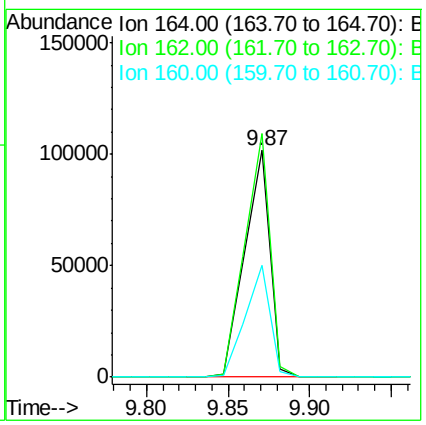


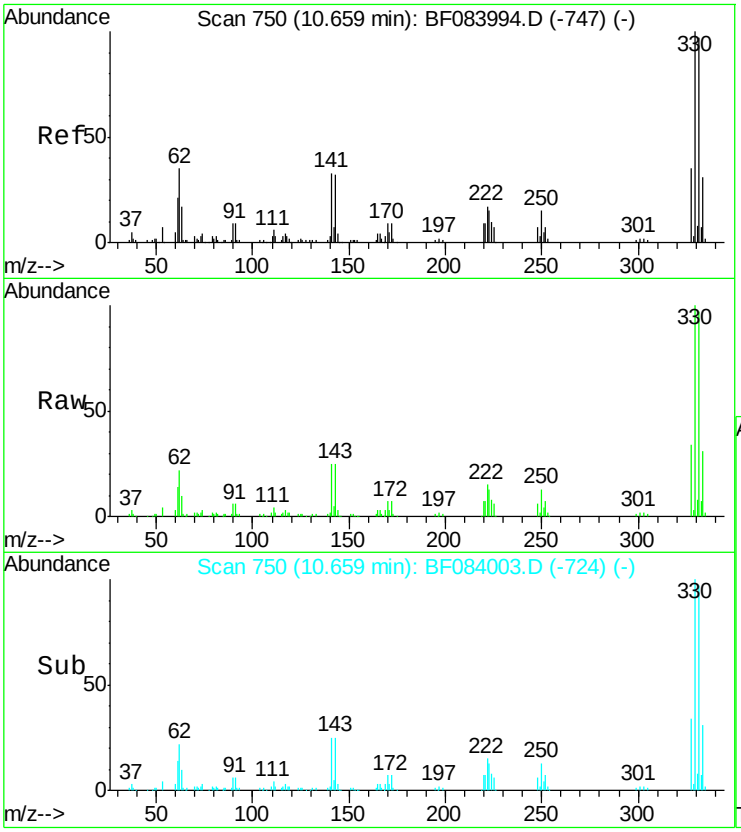


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Tgt Ion:164 Resp: 108567

Ion	Ratio	Lower	Upper
164	100		
162	107.4	85.1	127.7
160	49.3	37.5	56.3



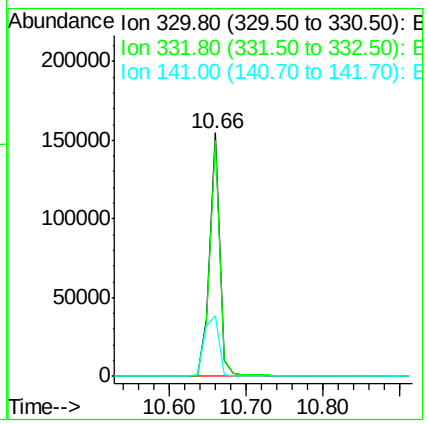


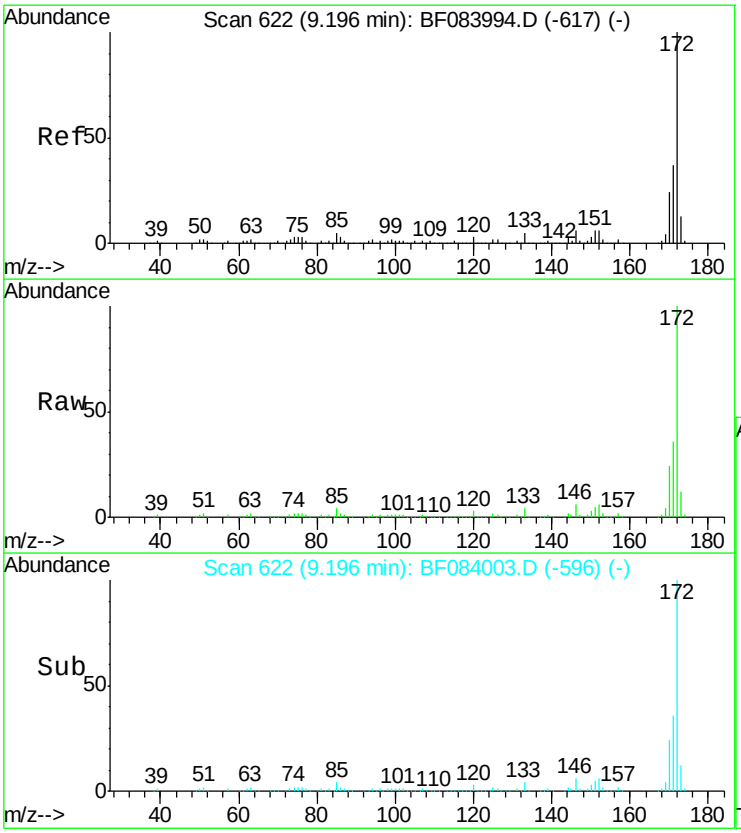
#41
2,4,6-Tribromophenol
Concen: 137.37 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
PB87413BL

Tgt Ion:330 Resp: 143455

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	35.3	27.8	41.6

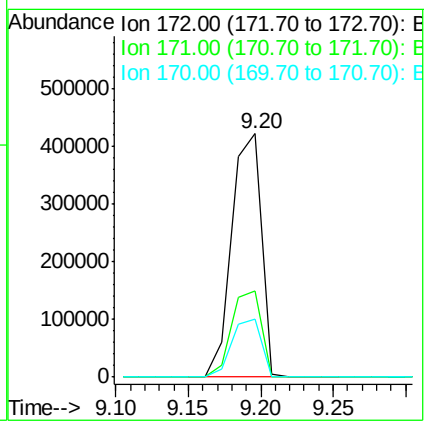


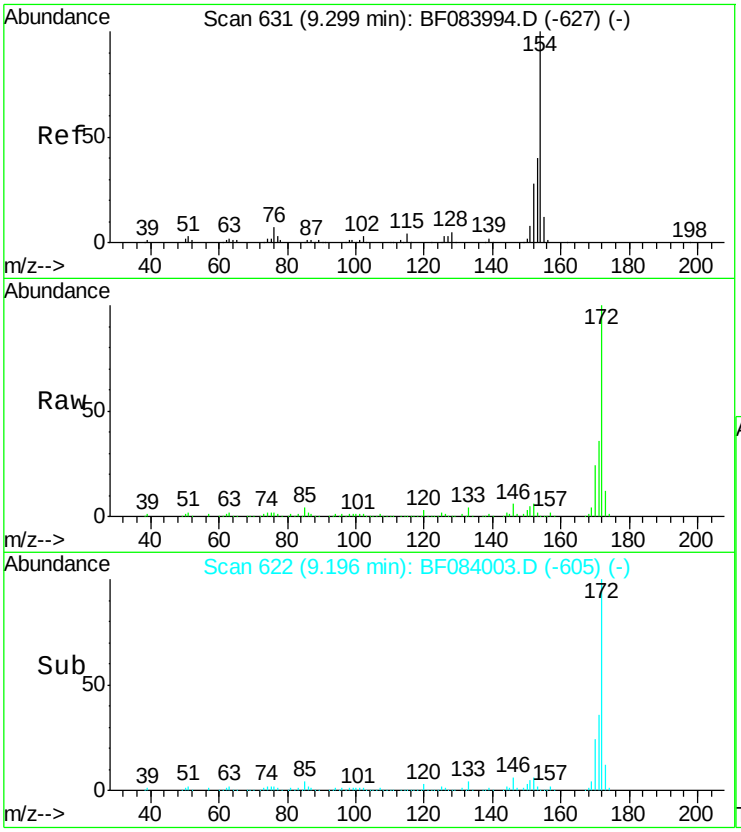


#44
2-Fluorobiphenyl
Concen: 74.21 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Tgt Ion:172 Resp: 598649

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.8	18.6	27.8



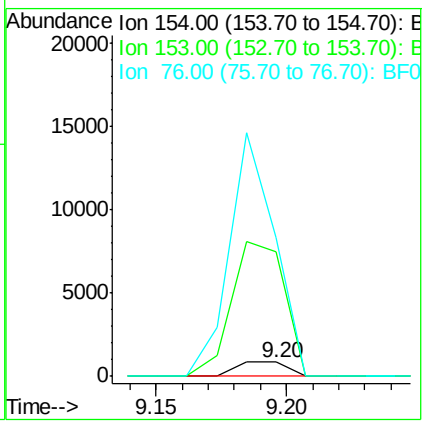


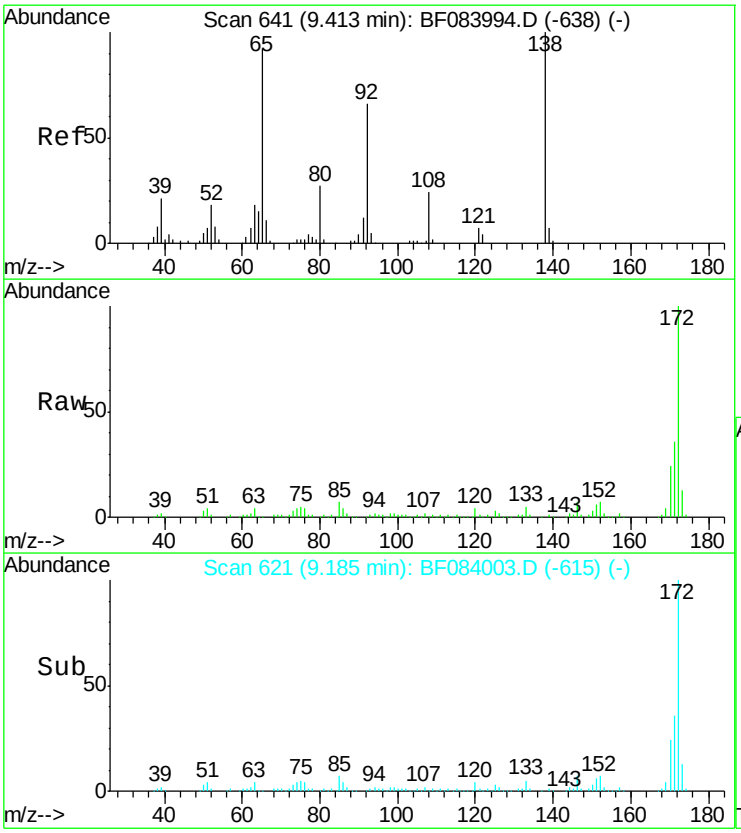
#45
1,1'-Biphenyl
Concen: 0.12 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.10 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Instrument : BNA_F
ClientSampleId : PB87413BL

Tgt Ion:154 Resp: 1169

Ion	Ratio	Lower	Upper
154	100		
153	871.3	21.6	61.6#
76	966.4	0.0	32.7#

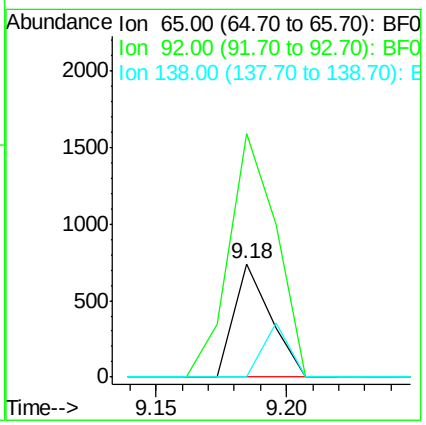


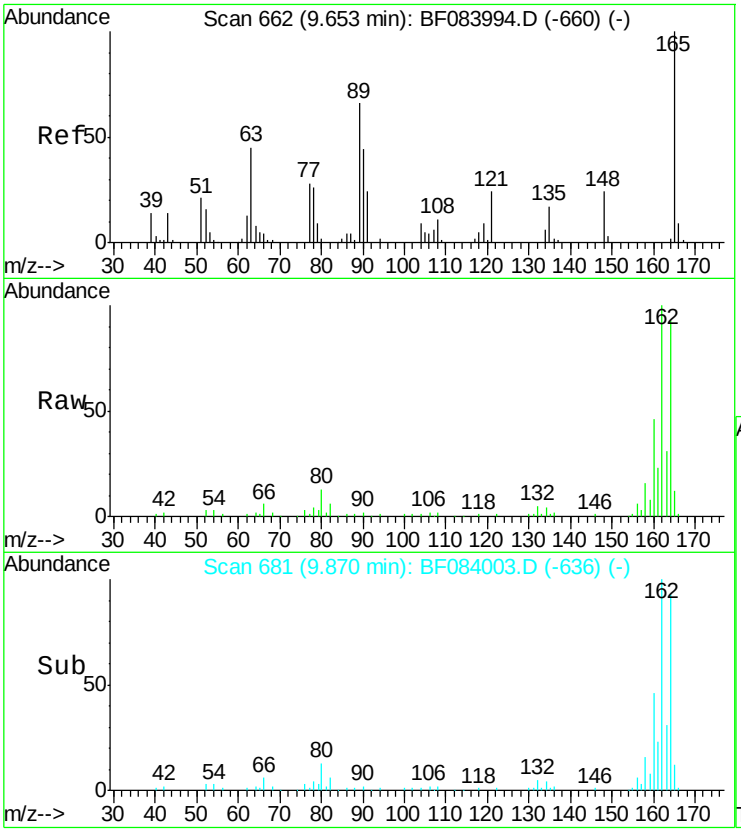


#47
2-Nitroaniline
Concen: 0.39 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.23 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Tgt Ion: 65 Resp: 728

Ion	Ratio	Lower	Upper
65	100		
92	215.1	53.4	80.2#
138	0.0	71.1	106.7#



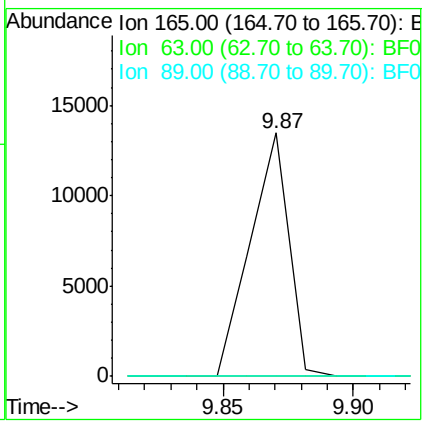


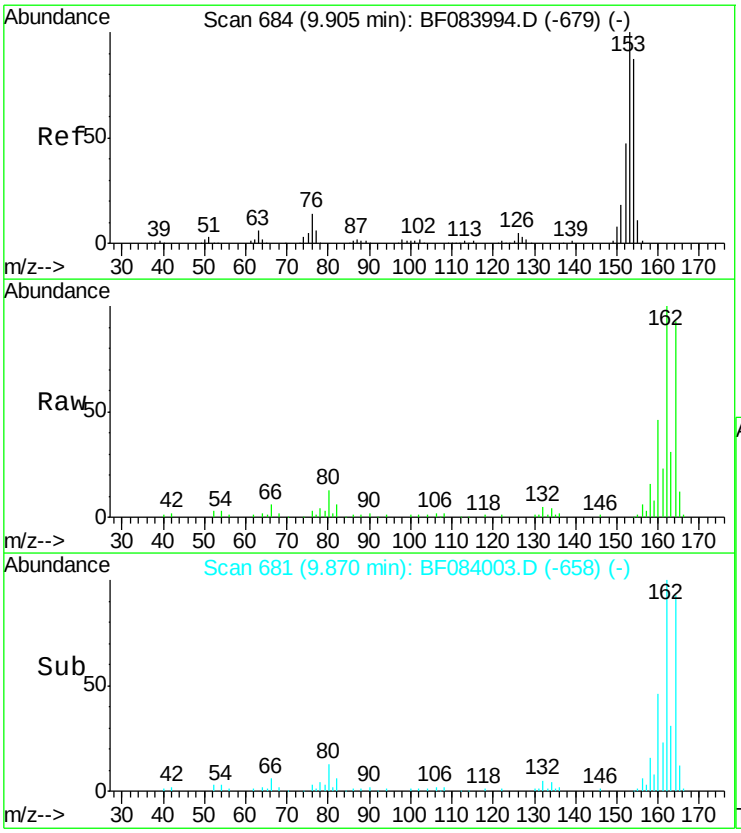
#50
2,6-Dinitrotoluene
Concen: 7.81 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.22 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
PB87413BL

Tgt Ion:165 Resp: 13995

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	0.0	35.1	52.7#

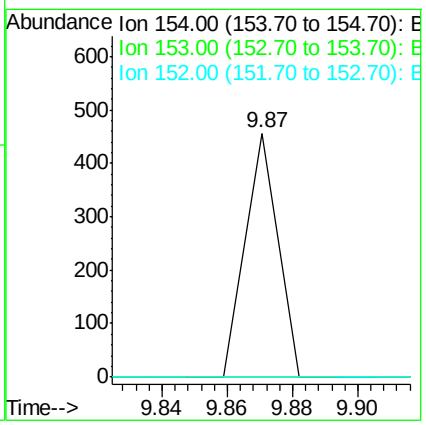


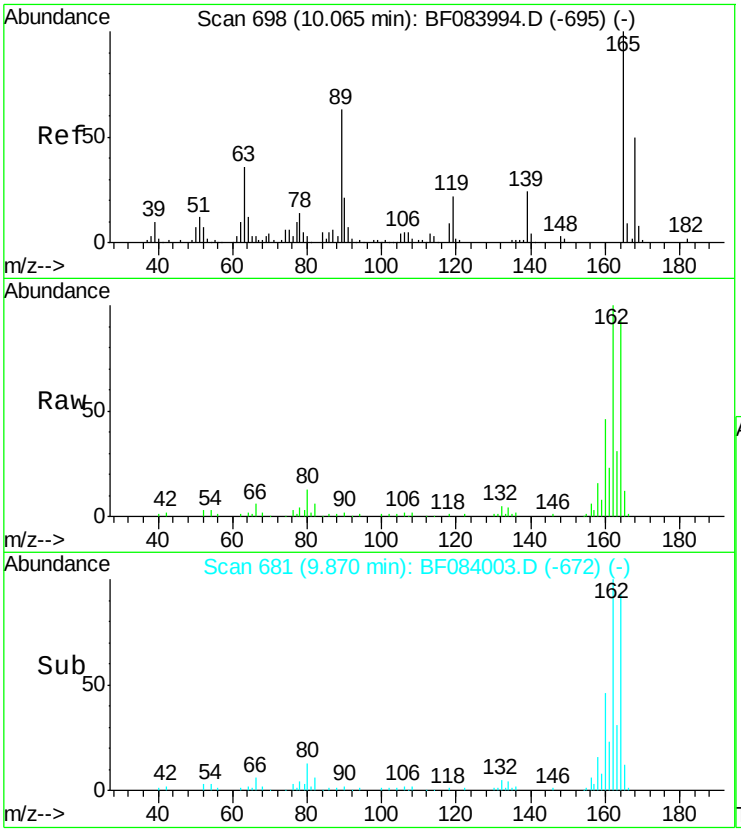


#51
Acenaphthene
Concen: 0.05 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Tgt Ion:154 Resp: 313

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.5	137.3#
152	0.0	43.0	64.6#



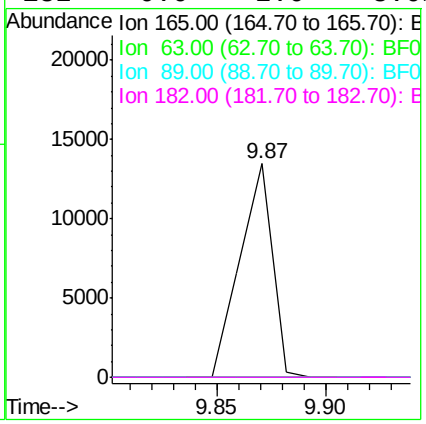


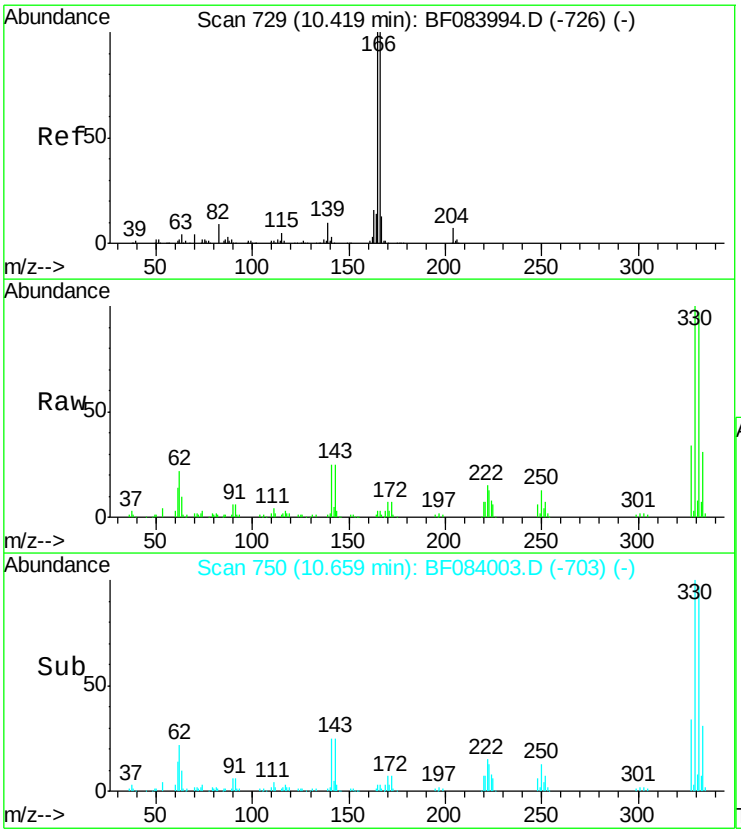
#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.19 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Instrument : BNA_F
ClientSampleId : PB87413BL

Tgt Ion:165 Resp: 13992

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#

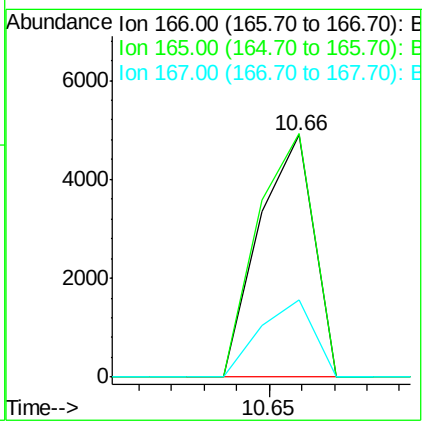


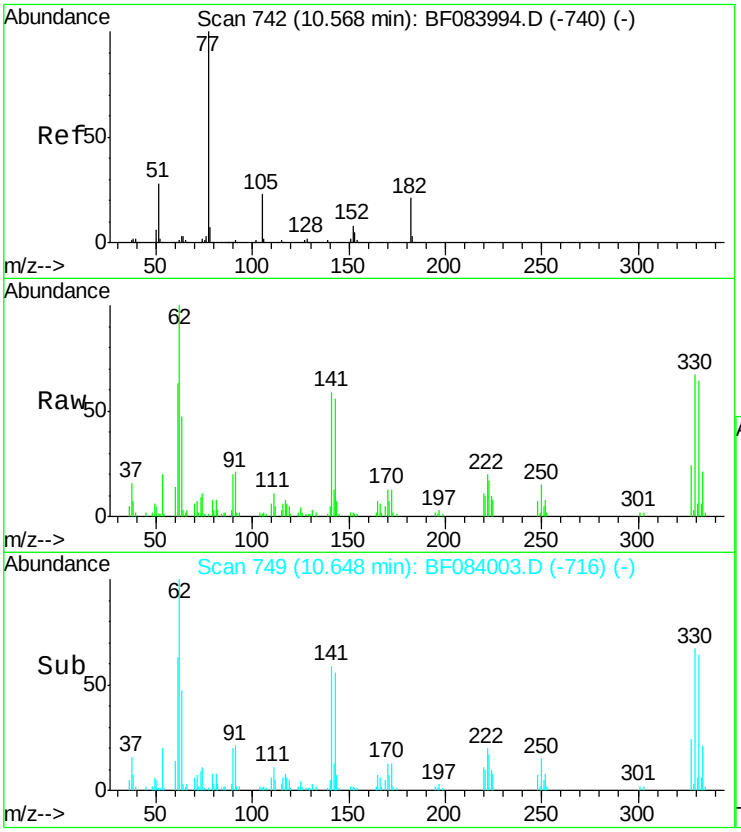


#57
Fluorene
Concen: 0.73 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.24 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Tgt Ion:166 Resp: 5662

Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.1	118.7
167	31.9	10.4	15.6#



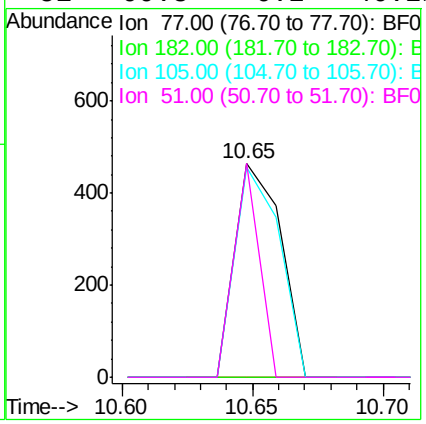


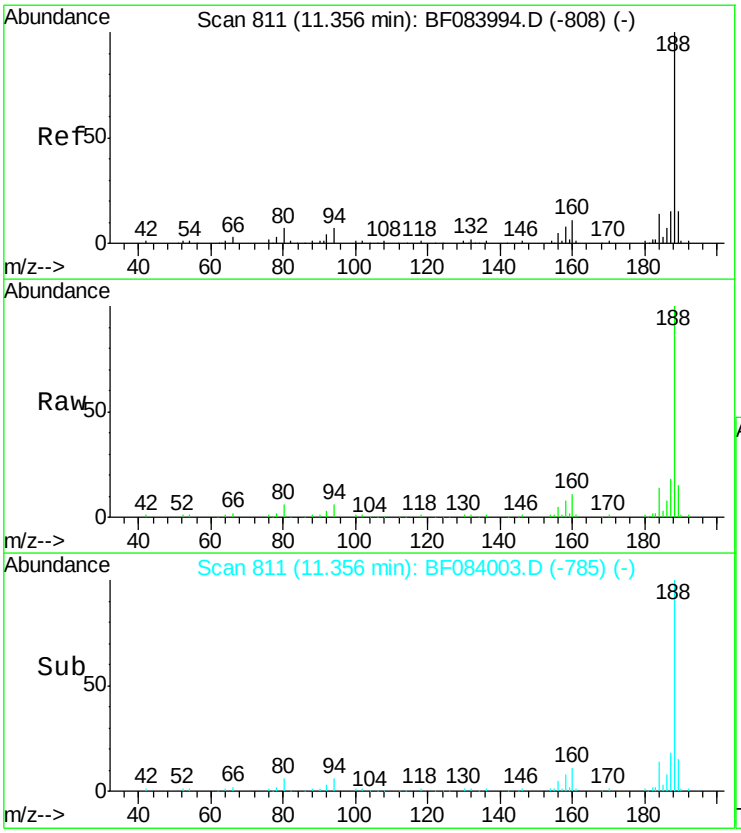
#62
Azobenzene
Concen: 0.08 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.08 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
PB87413BL

Tgt Ion: 77 Resp: 573

Ion	Ratio	Lower	Upper
77	100		
182	0.0	8.3	48.3#
105	98.5	4.6	44.6#
51	99.8	6.2	46.2#

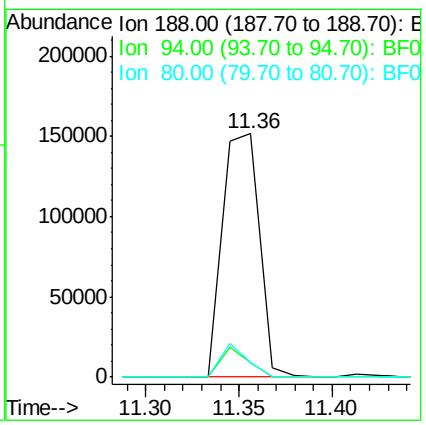


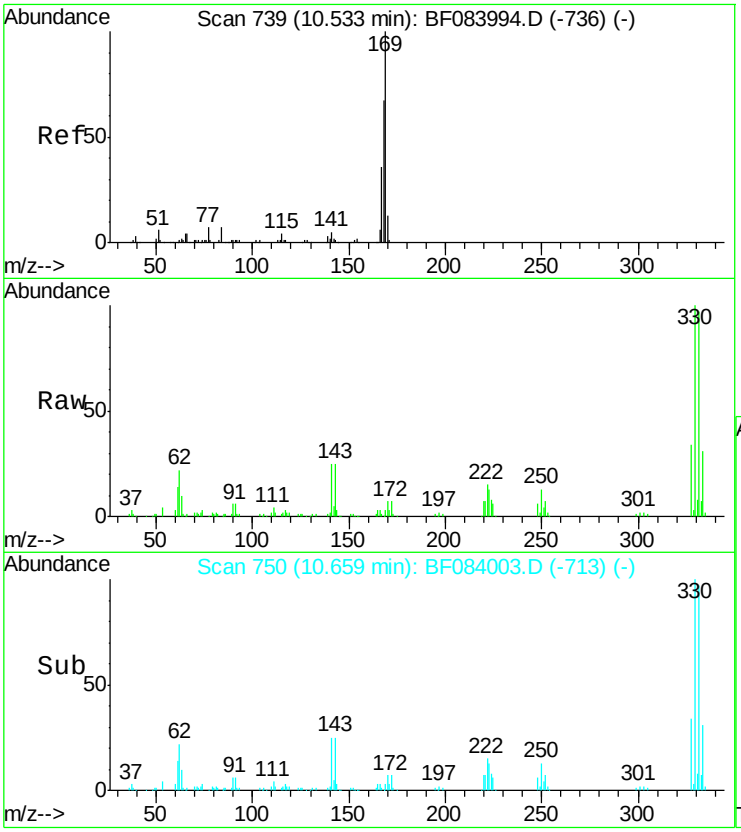


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Tgt Ion:188 Resp: 210632

Ion	Ratio	Lower	Upper
188	100		
94	5.7	9.0	13.4#
80	5.9	9.6	14.4#



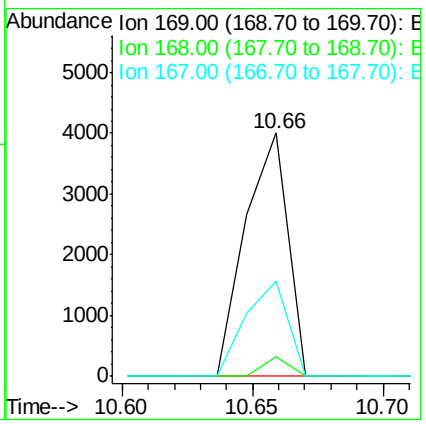


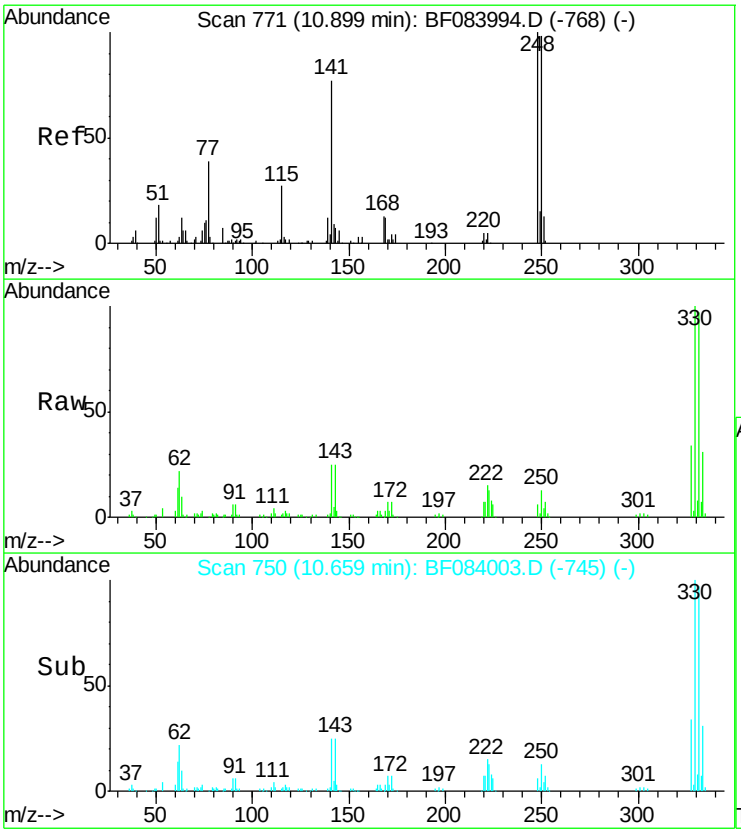
#65
n-Nitrosodiphenylamine
Concen: 0.59 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.13 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Instrument : BNA_F
ClientSampleId : PB87413BL

Tgt Ion:169 Resp: 4569

Ion	Ratio	Lower	Upper
169	100		
168	7.9	55.1	82.7#
167	38.9	30.0	45.0

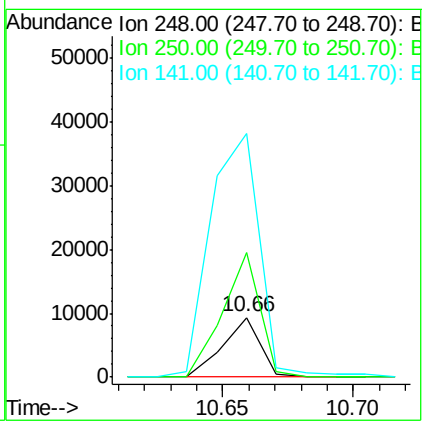


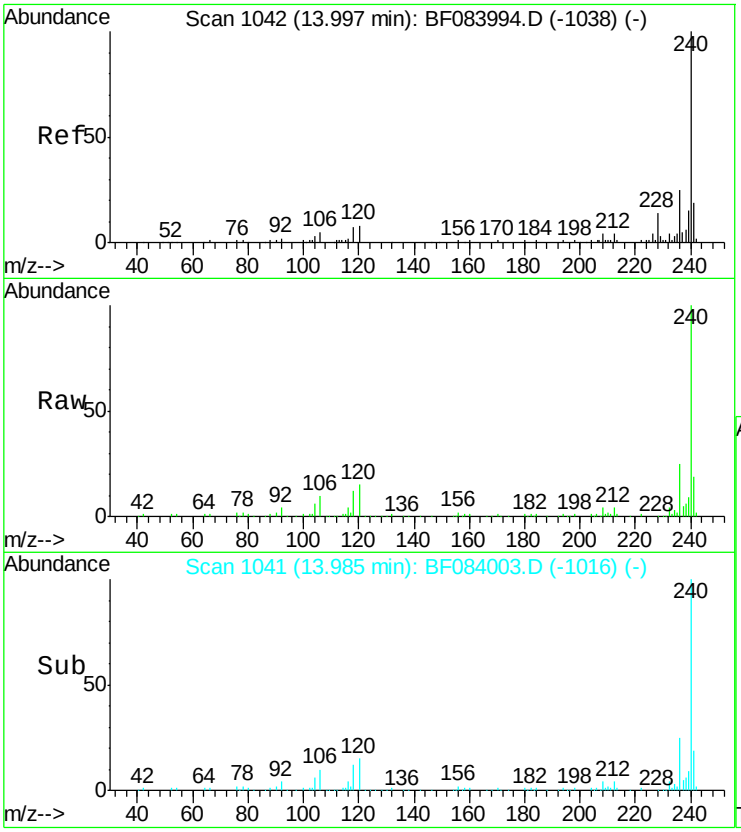


#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.24 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Tgt Ion:248 Resp: 9427

Ion	Ratio	Lower	Upper
248	100		
250	207.4	78.4	117.6#
141	406.6	44.0	66.0#



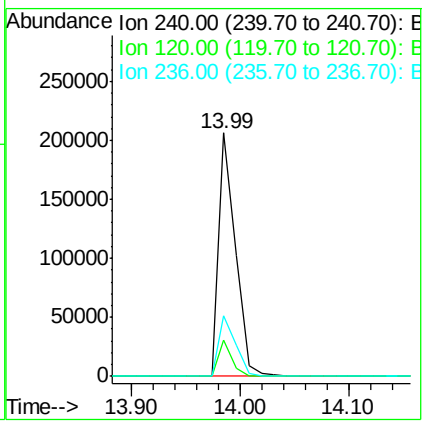


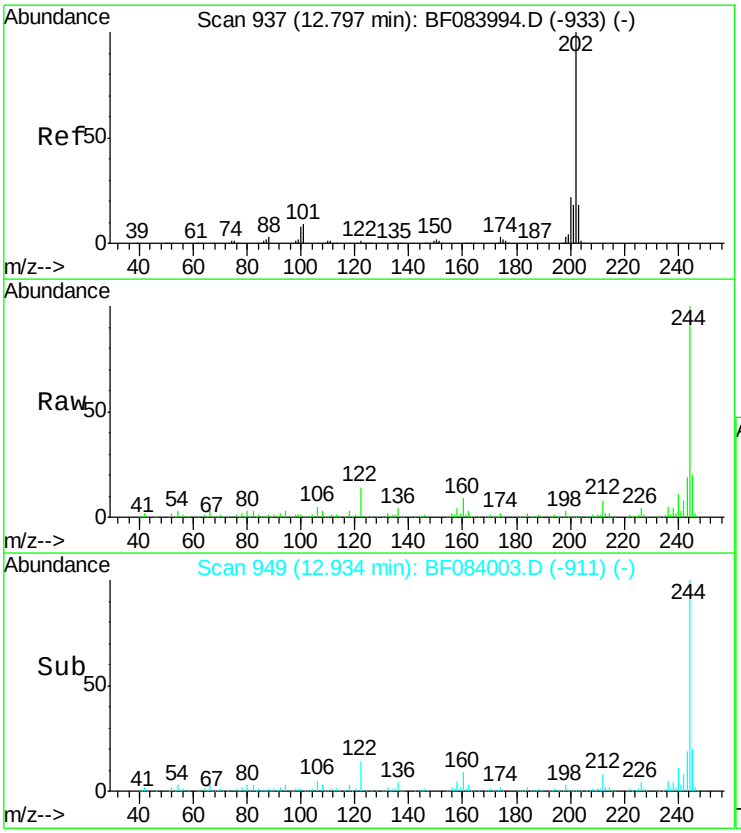
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
PB87413BL

Tgt Ion:240 Resp: 221347

Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	25.0	20.6	31.0

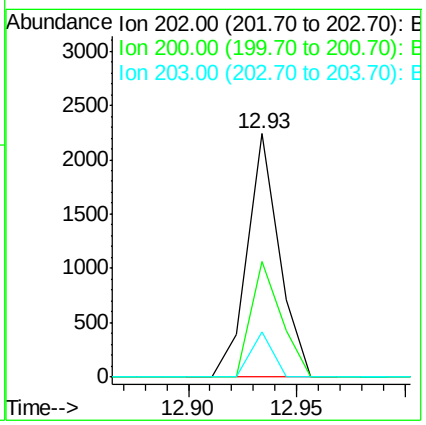


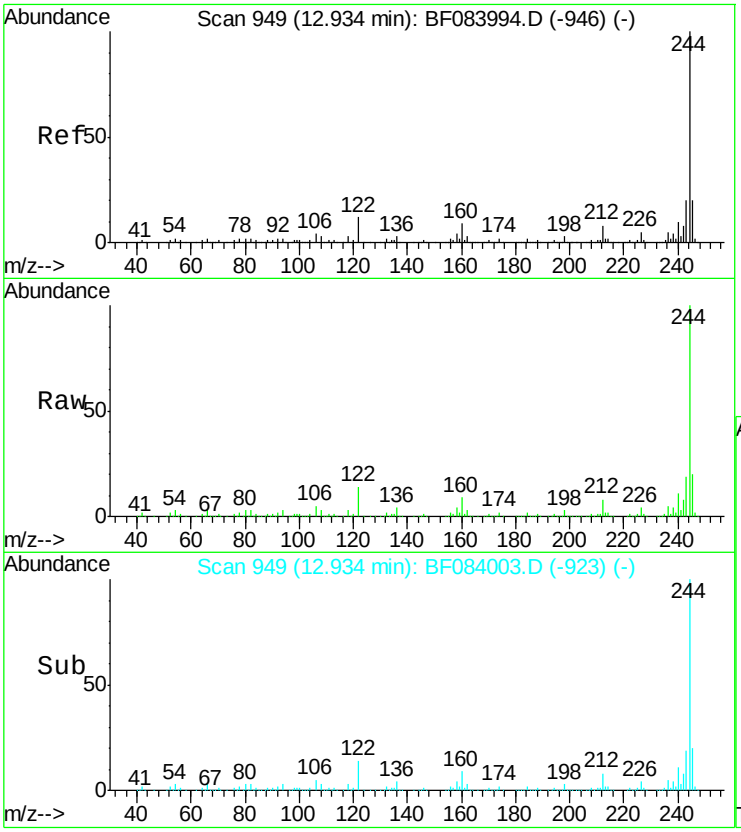


#77
Pyrene
Concen: 0.15 ng
RT: 12.93 min Scan# 949
Delta R.T. 0.14 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Tgt Ion:202 Resp: 2288

Ion	Ratio	Lower	Upper
202	100		
200	47.5	17.2	25.8#
203	18.8	14.3	21.5



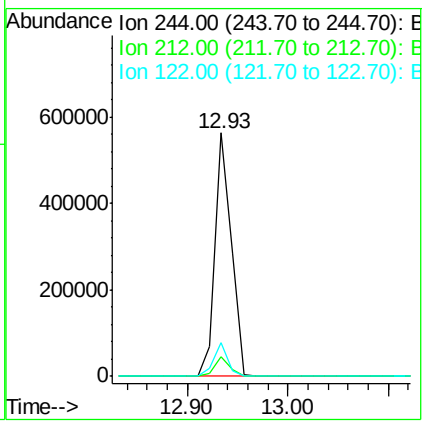


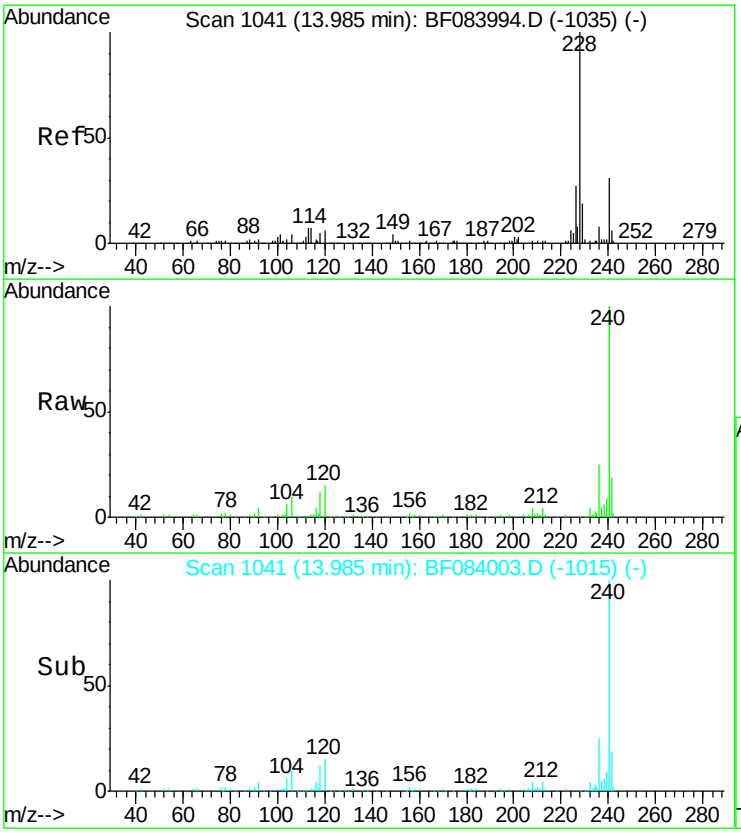
#78
Terphenyl-d14
Concen: 68.39 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
PB87413BL

Tgt Ion:244 Resp: 634796

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	13.9	7.4	11.0#

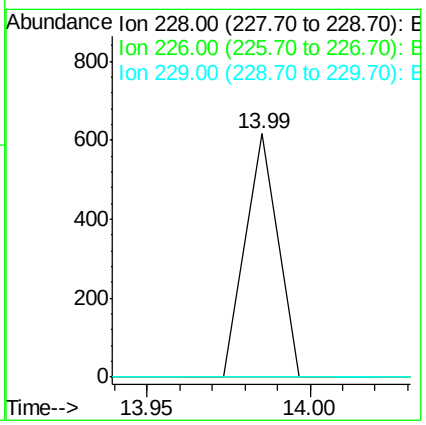


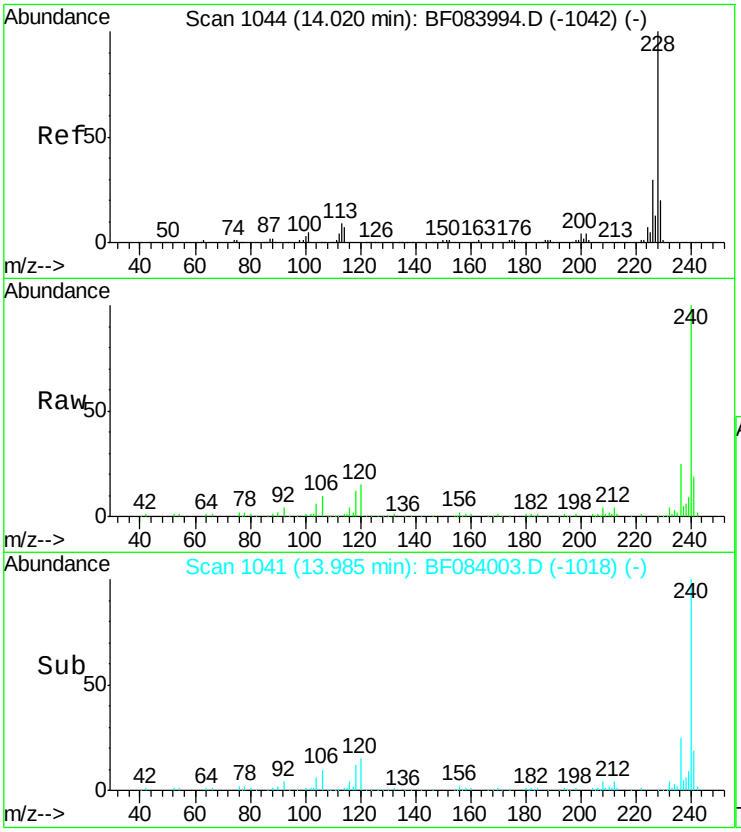


#80
Benzo(a)anthracene
Concen: 0.03 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Tgt Ion:228 Resp: 423

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.8	32.6#
229	0.0	15.8	23.8#



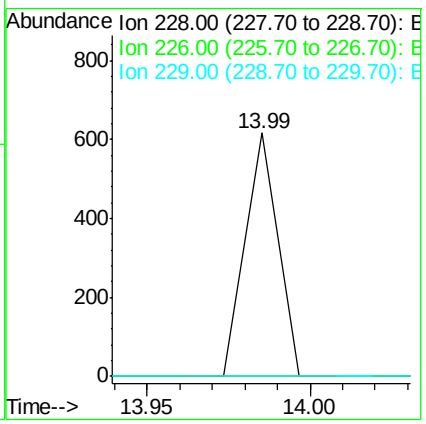


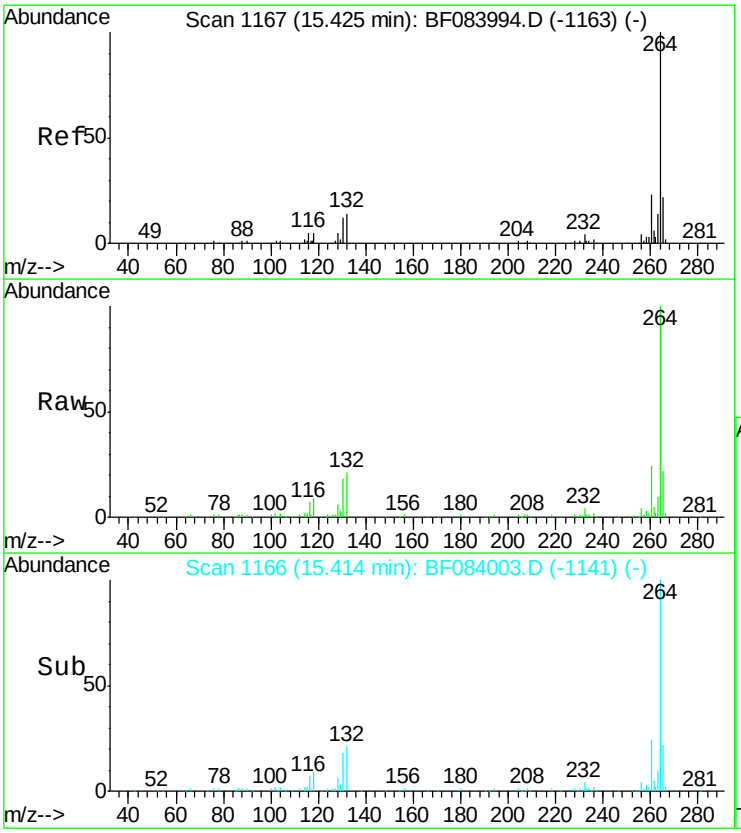
#82
Chrysene
Concen: 0.04 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
PB87413BL

Tgt Ion:228 Resp: 423

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.3	36.5#
229	0.0	16.1	24.1#

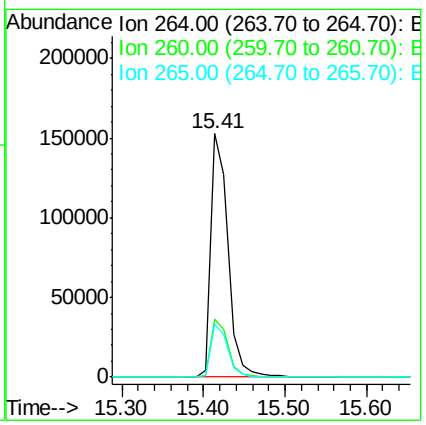


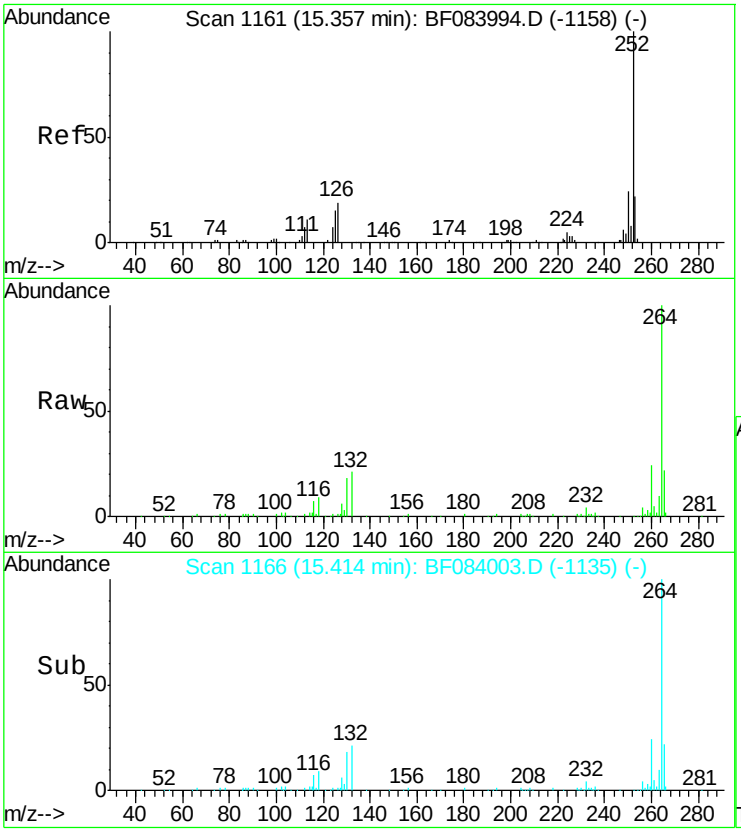


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Tgt Ion:264 Resp: 225038

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.6	17.8	26.6





#89
Benzo(a)pyrene
Concen: 0.04 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.06 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
PB87413BL

Tgt Ion:252 Resp: 581

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.3	25.9#
125	0.0	7.0	10.4#