Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082905.D
Acq On : 13 Nov 2015 19:00
Operator : UM/IZ
Sample : G4390-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15K0812

Quant Time: Nov 13 22:24:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	171917	20.00	ng		-0.06
21) Naphthalene-d8	8.09	136	704836	20.00	ng		-0.06
38) Acenaphthene-d10	9.85	164	291178	20.00	ng		-0.05
63) Phenanthrene-d10	11.32	188	431492	20.00	ng		-0.06
75) Chrysene-d12	14.00	240	350528	20.00	ng		-0.02
86) Perylene-d12	15.41	264	379544	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	195289	17.67	ng		-0.06
7) Phenol-d6	6.44	99	252945	17.22	ng		-0.03
23) Nitrobenzene-d5	7.36	82	179855	11.10	ng		-0.06
41) 2,4,6-Tribromophenol	10.64	330	45814	13.72	ng		-0.04
44) 2-Fluorobiphenyl	9.16	172	270596	13.32	ng		-0.06
78) Terphenyl-d14	12.93	244	181866	12.31	ng		-0.03
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	2.90	42	54440	7.93	ng	#	2
6) Aniline	6.44	93	681840	33.06	ng	#	50
9) Benzaldehyde	6.34	77	39576	4.88	ng		80
10) Phenol	6.44	94	100120	6.01	ng	#	62
11) bis(2-Chloroethyl)ether	6.56	93	79993	6.42	ng	#	16
15) Benzyl Alcohol	6.92	79	307722	23.85	ng	#	61
16) 2,2'-oxybis(1-Chloropropan	6.98	45	71935	3.93	ng		91
28) bis(2-Chloroethoxy)methane	7.96	93	88337	5.23	ng	#	91
32) Benzoic acid	7.84	122	28753	3.38	ng		94
47) 2-Nitroaniline	9.42	65	35308	4.88	ng	#	51
52) 3-Nitroaniline	9.88	138	221263	39.52	ng	#	4
54) Dibenzofuran	10.14	168	131826	5.05	ng	#	45
55) 4-Nitrophenol	9.94	139	106171	24.72	ng	#	29
60) 4-Chlorophenyl-phenylether	10.30	204	25672	2.43	ng	#	42
61) 4-Nitroaniline	10.37	138	29689	5.27	ng	#	1
62) Azobenzene	10.48	77	91714	3.67	ng	#	6
70) Phenanthrene	11.33	178	142859	5.70	ng	#	77
71) Anthracene	11.33	178	142859	5.41	ng	#	77
79) Butylbenzylphthalate	13.37	149	427262	40.18	ng	#	1
81) 3,3'-Dichlorobenzidine	13.99	252	23493	3.01	ng	#	1
83) Bis(2-ethylhexyl)phthalate	13.95	149	193779	13.31	ng	#	92
84) Di-n-octyl phthalate	14.58	149	70524	2.90	ng	#	71

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082905.D
Acq On : 13 Nov 2015 19:00
Operator : UM/IZ
Sample : G4390-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
15K0812

Quant Time: Nov 13 22:24:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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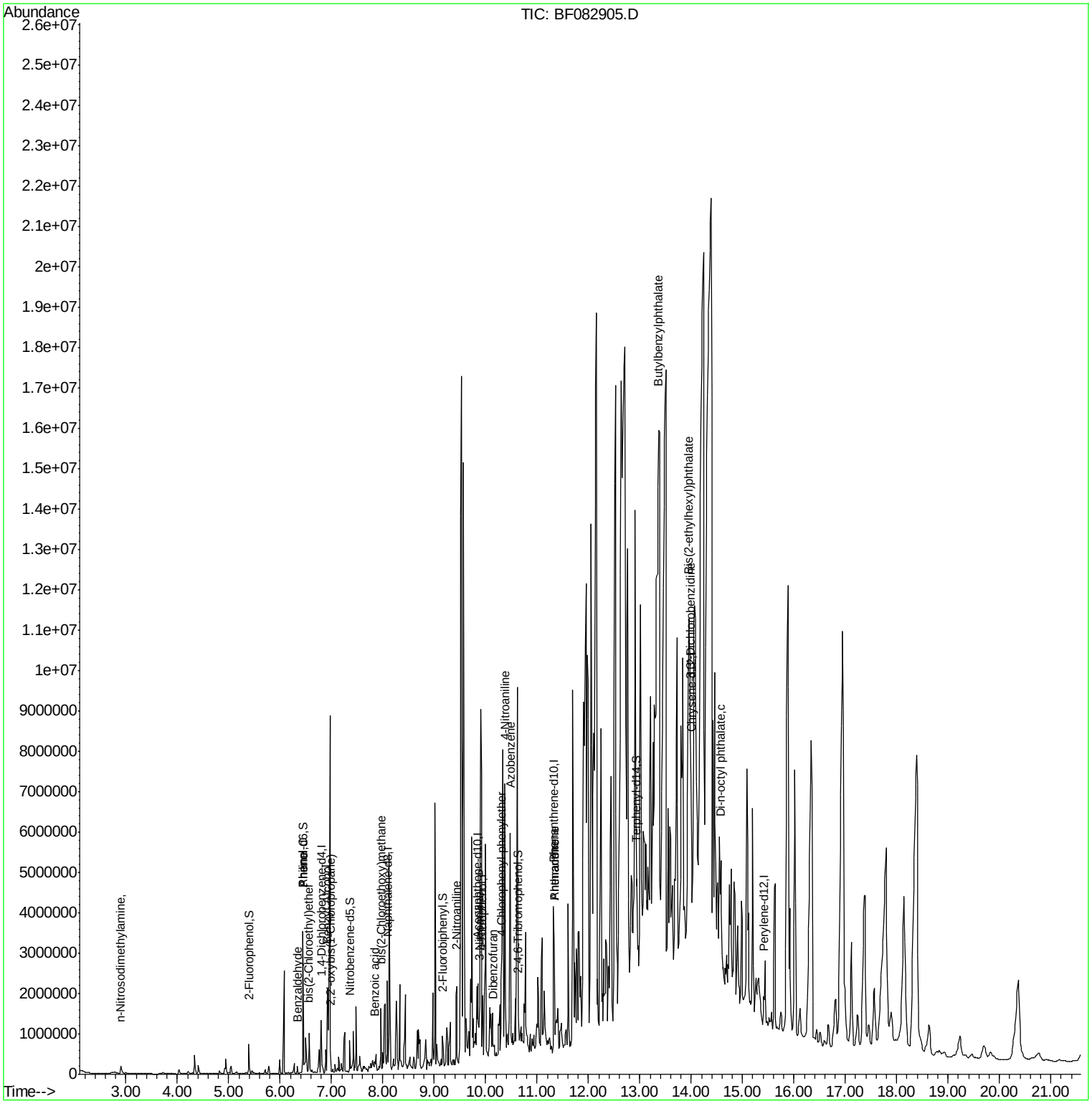
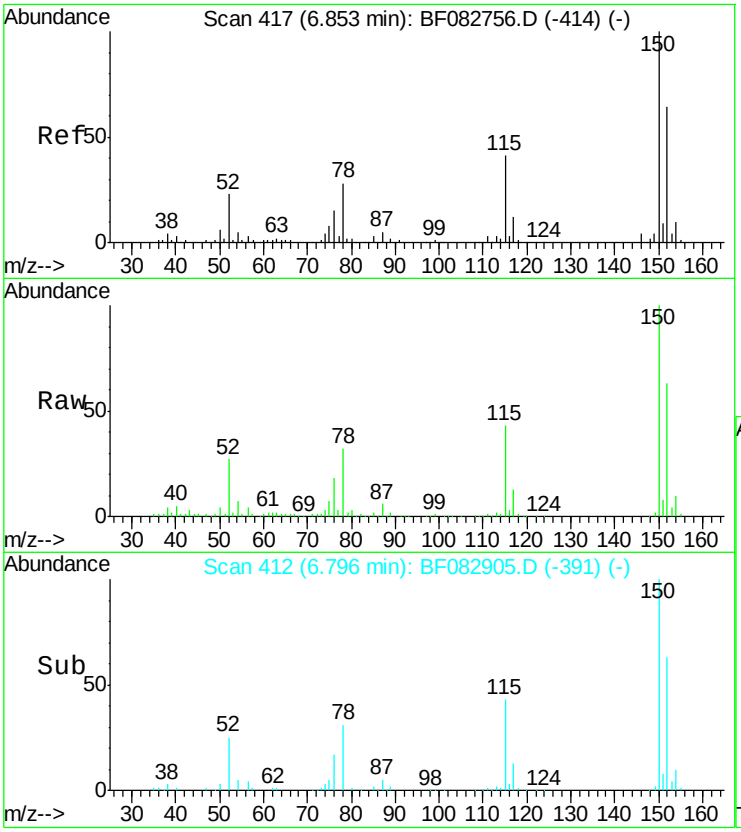


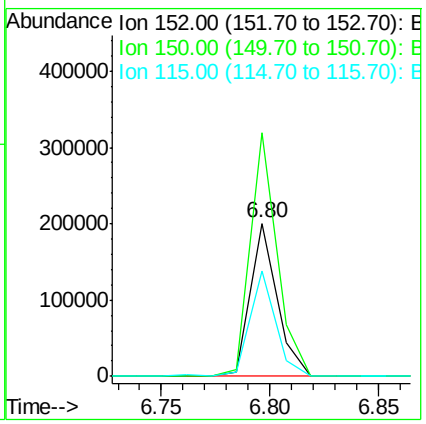


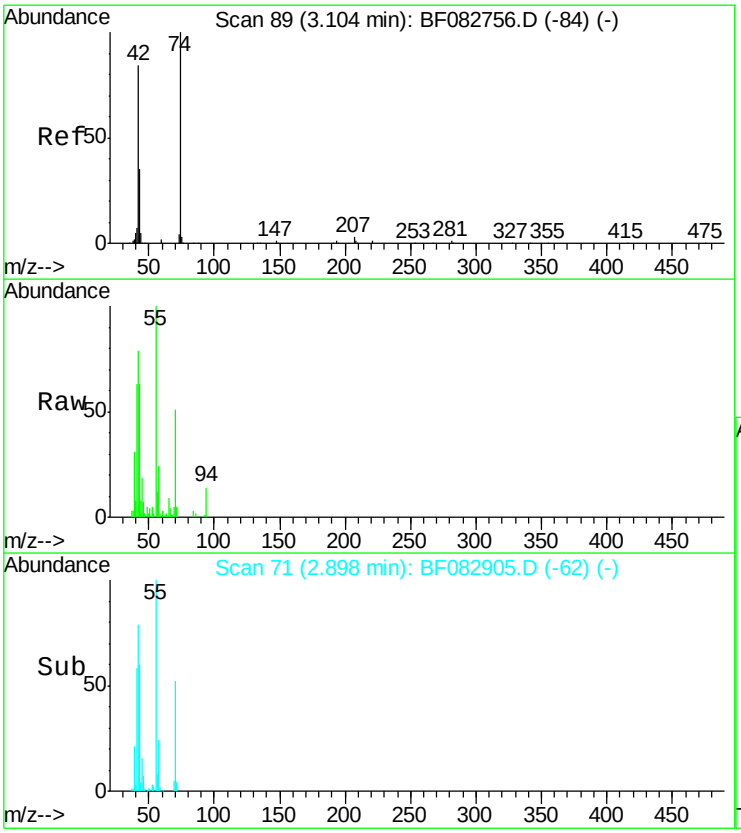
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Instrument :
BNA_F
ClientSampleId :
15K0812

Tgt Ion:152 Resp: 171917

Ion	Ratio	Lower	Upper
152	100		
150	159.1	127.0	190.4
115	69.1	47.0	70.6

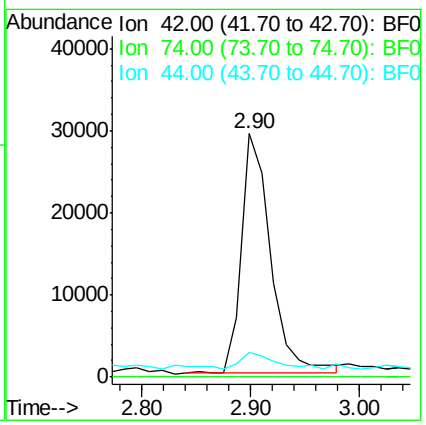


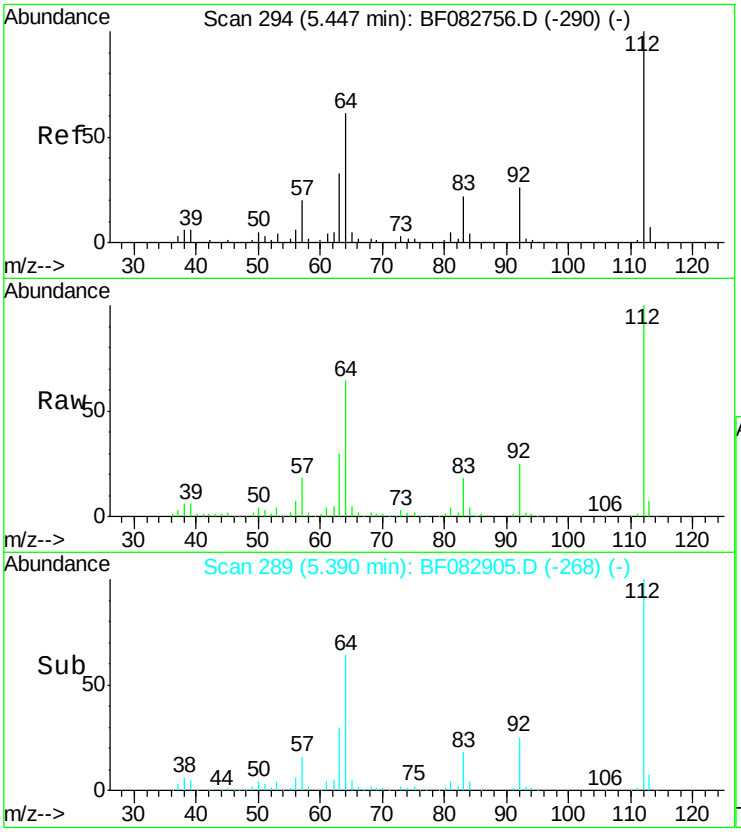


#4
n-Nitrosodimethylamine
Concen: 7.93 ng
RT: 2.90 min Scan# 71
Delta R.T. -0.19 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Tgt Ion: 42 Resp: 54440

Ion	Ratio	Lower	Upper
42	100		
74	0.0	87.0	130.4#
44	10.2	5.8	8.8#



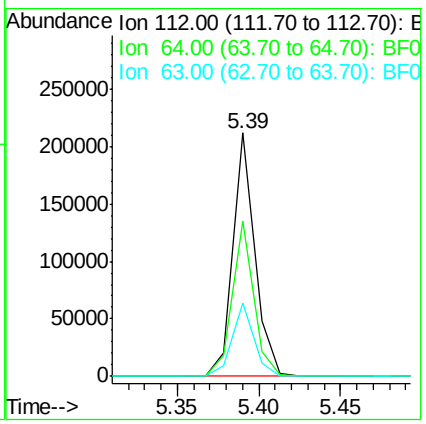


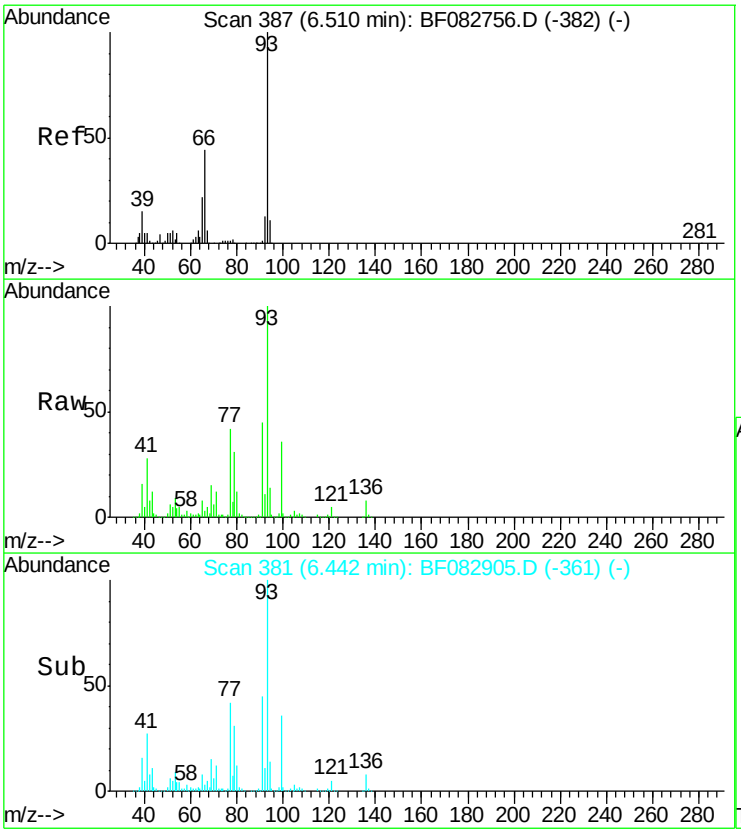
#5
2-Fluorophenol
Concen: 17.67 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.06 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Instrument : BNA_F
ClientSampleId : 15K0812

Tgt Ion:112 Resp: 195289

Ion	Ratio	Lower	Upper
112	100		
64	63.7	48.9	73.3
63	30.3	28.1	42.1

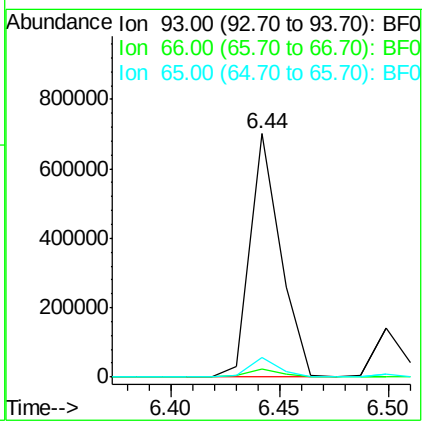


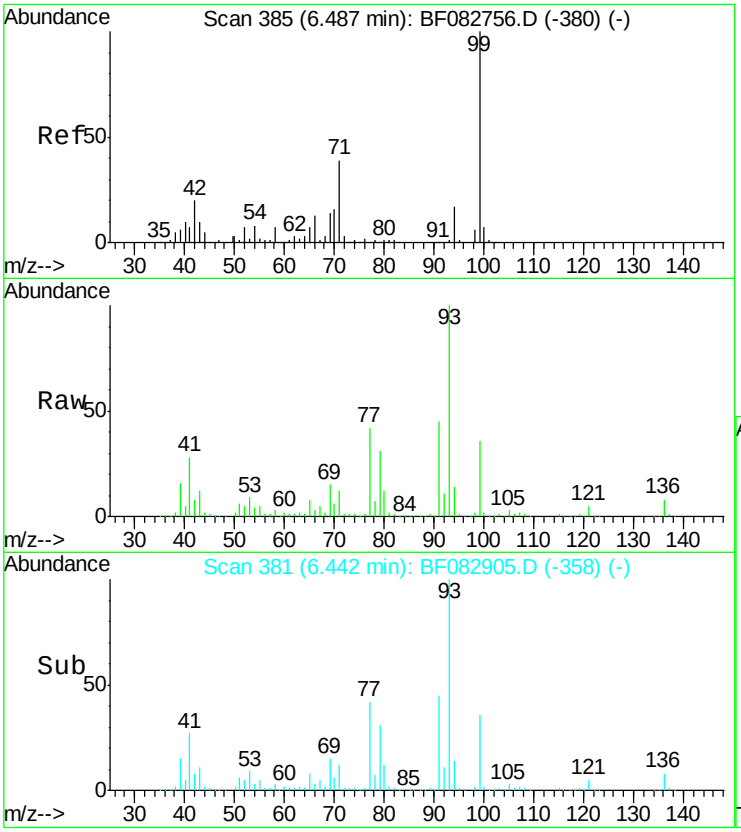


#6
Aniline
Concen: 33.06 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.07 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Tgt Ion: 93 Resp: 681840

Ion	Ratio	Lower	Upper
93	100		
66	3.5	33.6	50.4#
65	8.1	18.1	27.1#



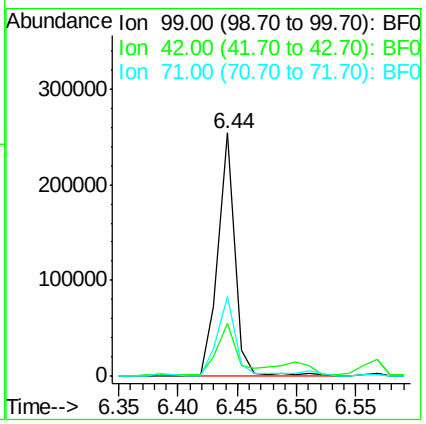


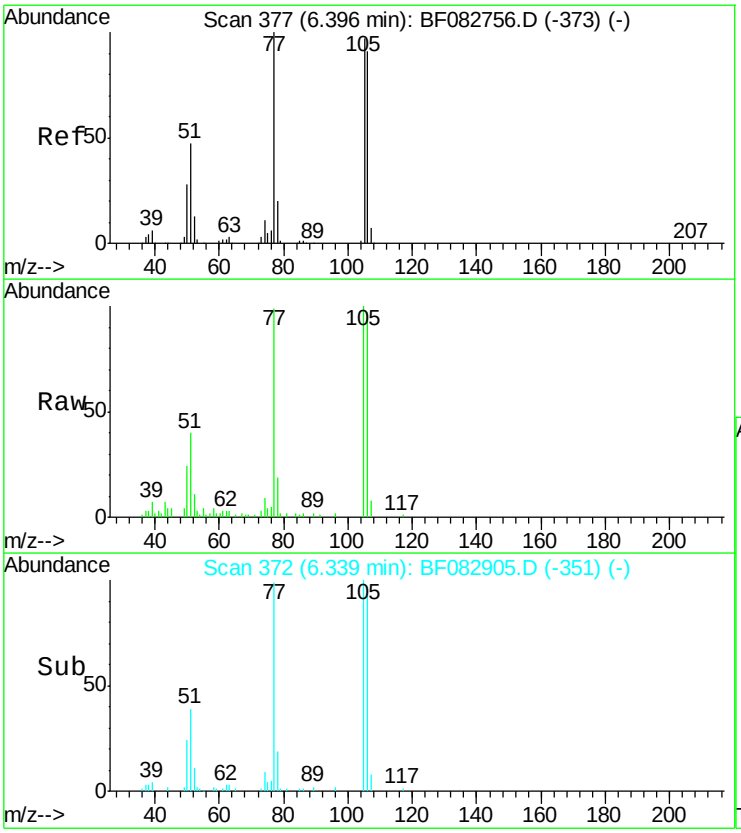
#7
Phenol-d6
Concen: 17.22 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.03 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Instrument :
BNA_F
ClientSampleId :
15K0812

Tgt Ion: 99 Resp: 252945

Ion	Ratio	Lower	Upper
99	100		
42	21.8	19.2	28.8
71	32.7	35.0	52.4#

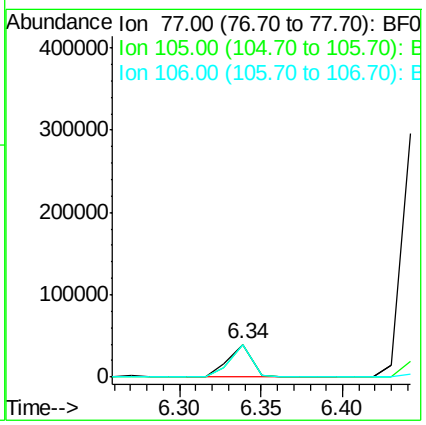


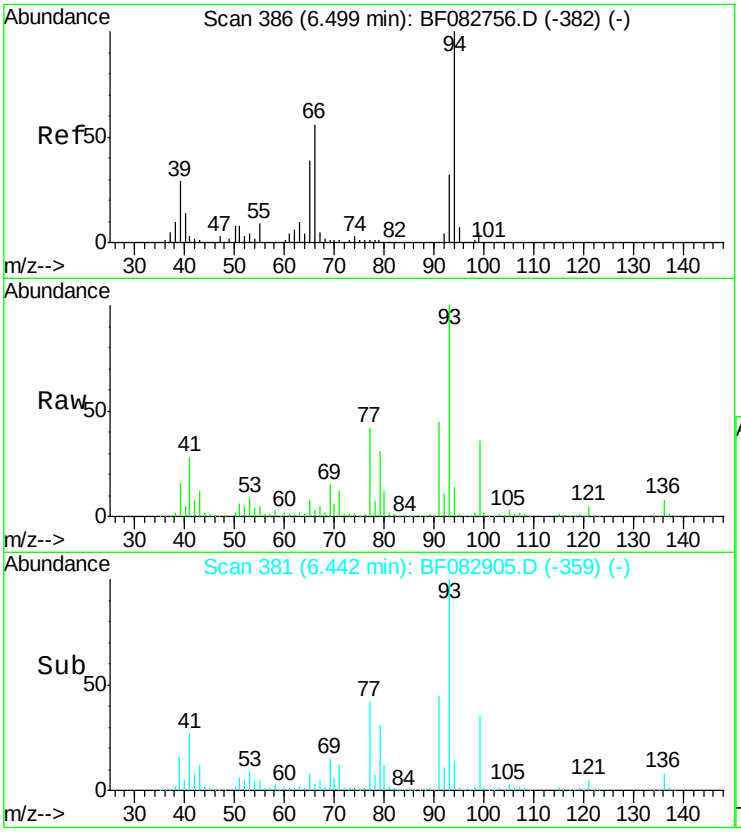


#9
Benzaldehyde
Concen: 4.88 ng
RT: 6.34 min Scan# 372
Delta R.T. -0.06 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Tgt Ion: 77 Resp: 39576

Ion	Ratio	Lower	Upper
77	100		
105	100.5	63.5	103.5
106	98.0	59.3	99.3



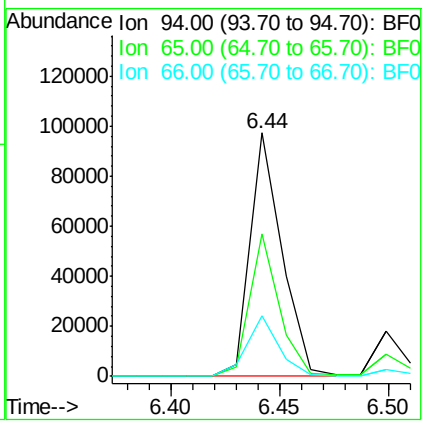


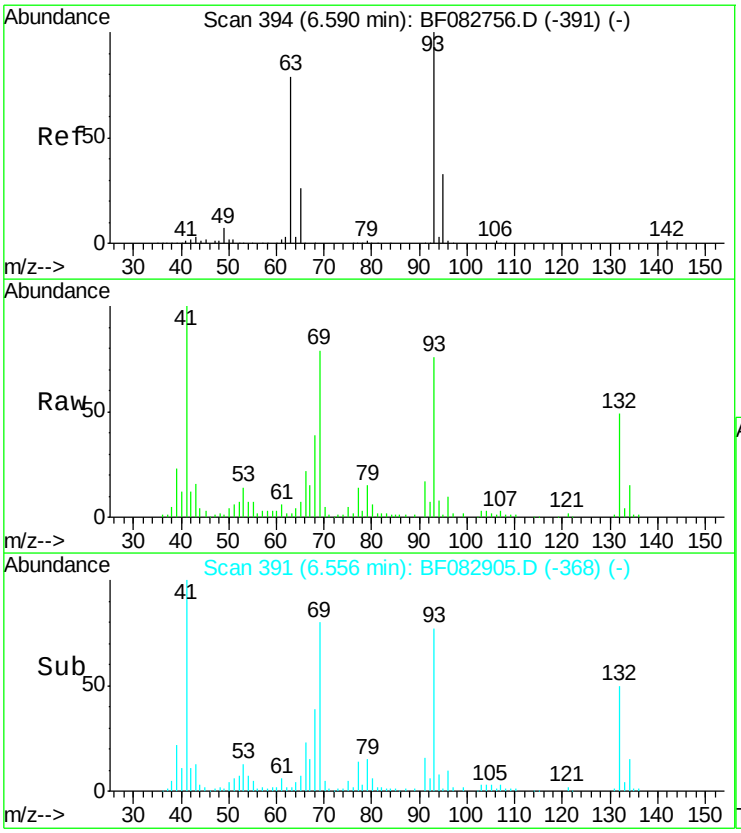
#10
Phenol
Concen: 6.01 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.05 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Instrument :
BNA_F
ClientSampleId :
15K0812

Tgt Ion: 94 Resp: 100120

Ion	Ratio	Lower	Upper
94	100		
65	58.6	18.9	58.9
66	24.9	34.9	74.9#

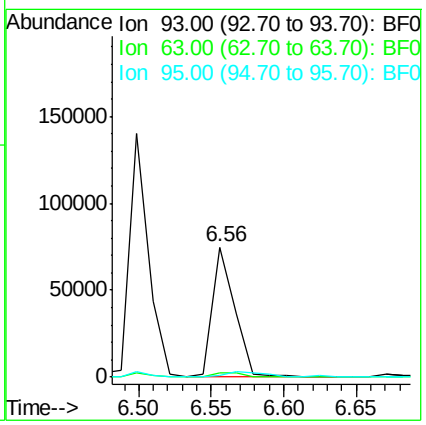


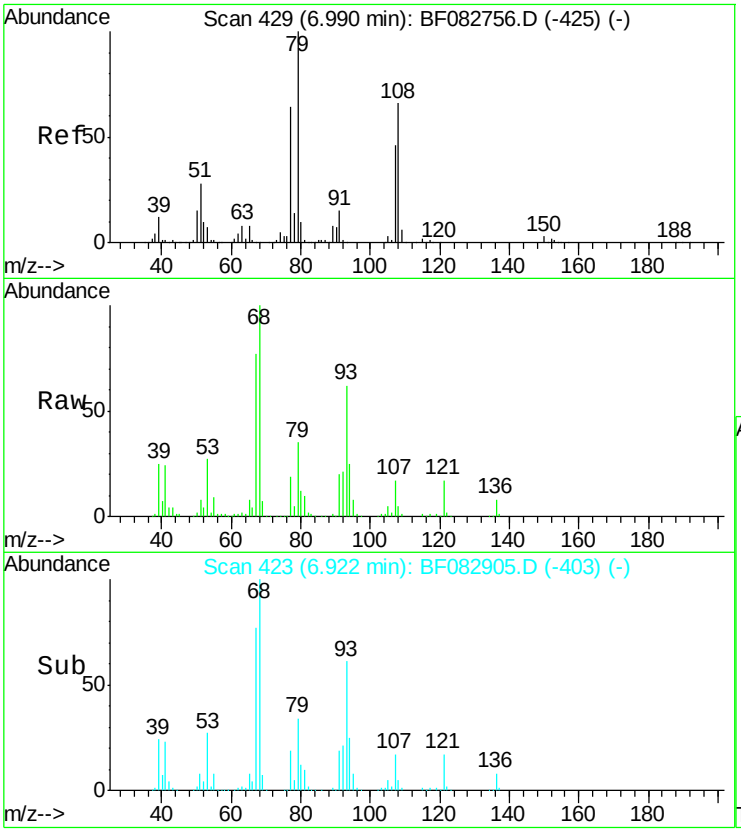


#11
bis(2-Chloroethyl)ether
Concen: 6.42 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.03 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Tgt Ion: 93 Resp: 79993

Ion	Ratio	Lower	Upper
93	100		
63	2.9	72.7	112.7#
95	1.5	12.0	52.0#



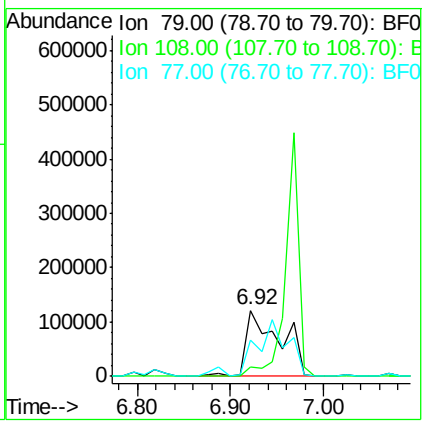


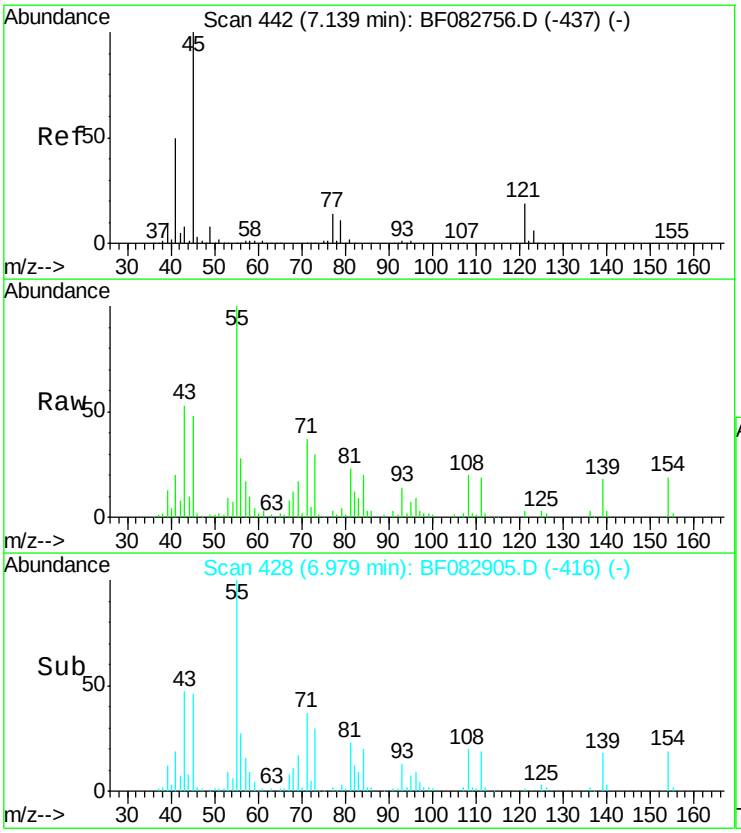
#15
Benzyl Alcohol
Concen: 23.85 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.07 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Instrument :
BNA_F
ClientSampleId :
15K0812

Tgt Ion: 79 Resp: 307722

Ion	Ratio	Lower	Upper
79	100		
108	14.1	52.2	78.4#
77	54.9	52.7	79.1

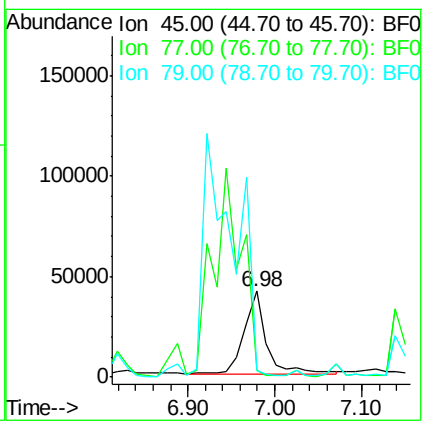


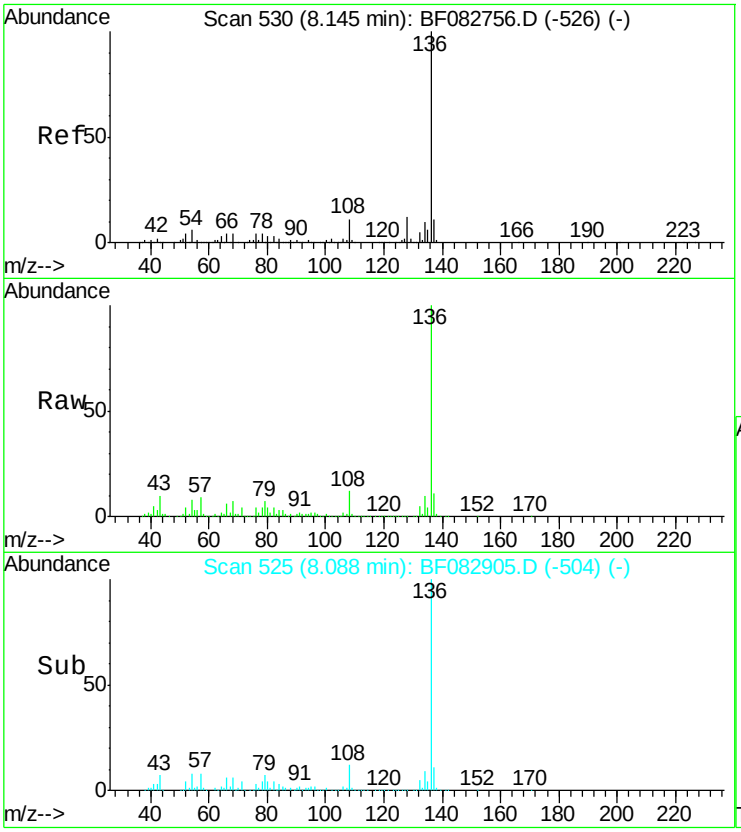


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.93 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.16 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Tgt Ion: 45 Resp: 71935

Ion	Ratio	Lower	Upper
45	100		
77	7.2	0.0	32.6
79	7.9	0.0	29.2



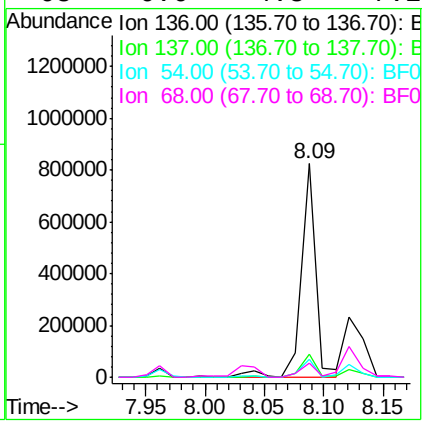


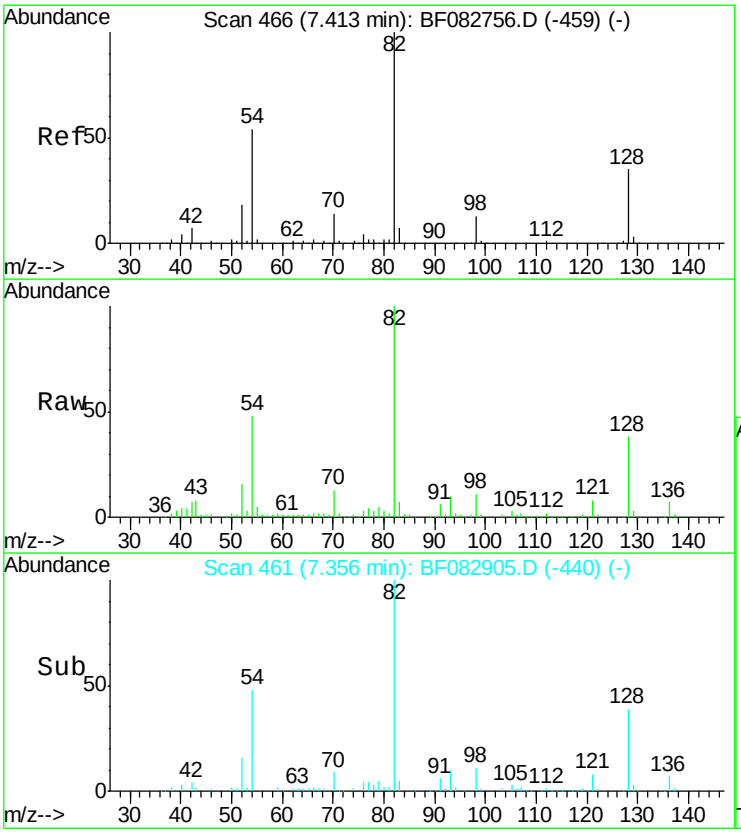
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Instrument :
BNA_F
ClientSampleId :
15K0812

Tgt Ion:136 Resp: 704836

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.4	9.1	13.7#
68	6.6	4.8	7.2

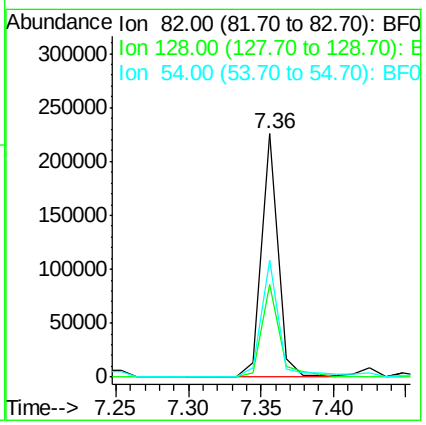


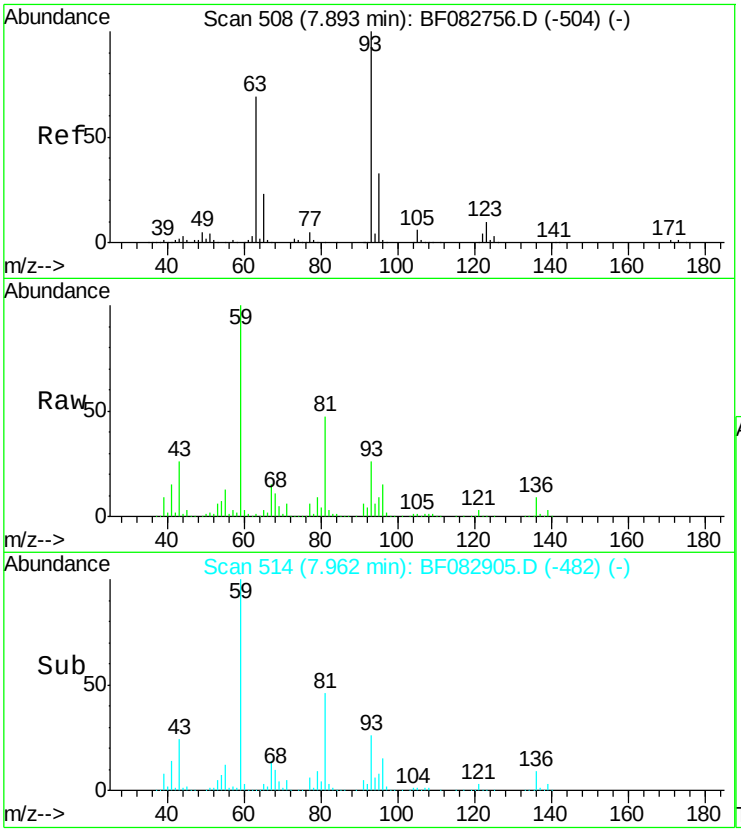


#23
Nitrobenzene-d5
Concen: 11.10 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.06 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Tgt Ion: 82 Resp: 179855

Ion	Ratio	Lower	Upper
82	100		
128	37.9	26.8	40.2
54	47.9	45.7	68.5



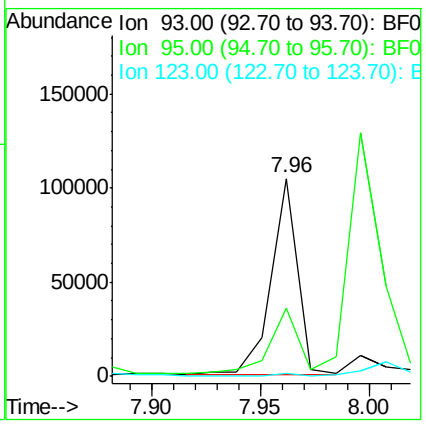


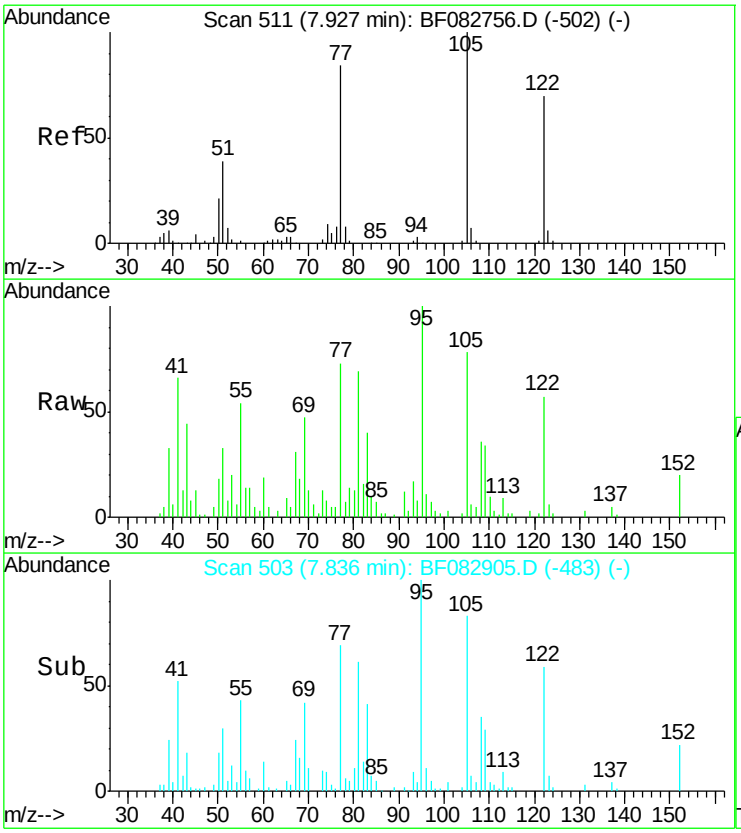
#28
bis(2-Chloroethoxy)methane
Concen: 5.23 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.07 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Instrument :
BNA_F
ClientSampleId :
15K0812

Tgt Ion: 93 Resp: 88337

Ion	Ratio	Lower	Upper
93	100		
95	34.8	26.6	40.0
123	1.2	9.7	14.5#

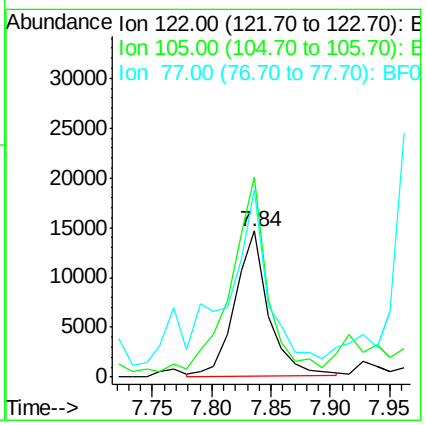


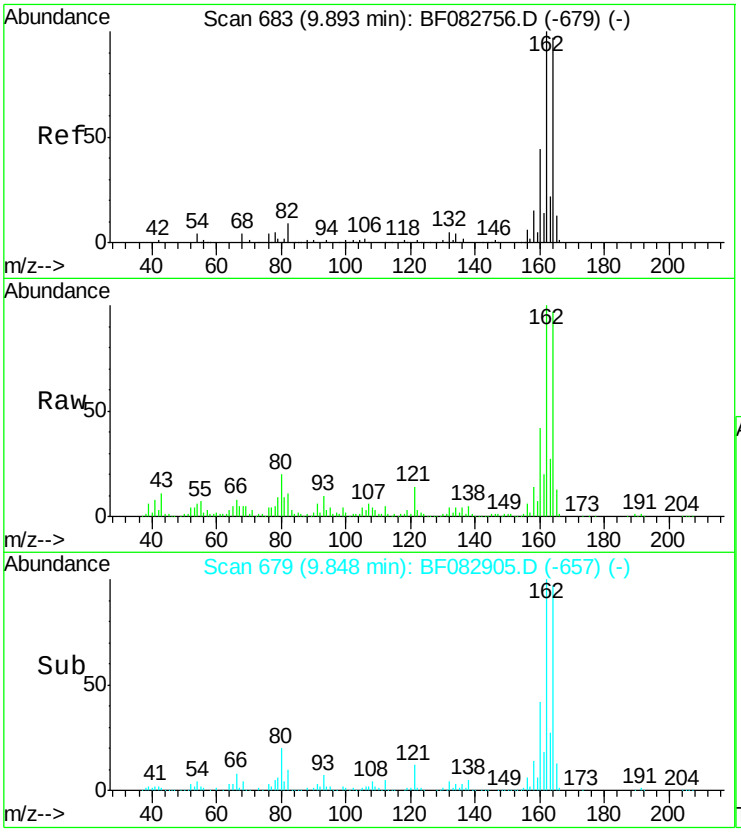


#32
Benzoic acid
Concen: 3.38 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.07 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Tgt Ion:122 Resp: 28753

Ion	Ratio	Lower	Upper
122	100		
105	136.9	122.6	162.6
77	128.3	100.9	140.9



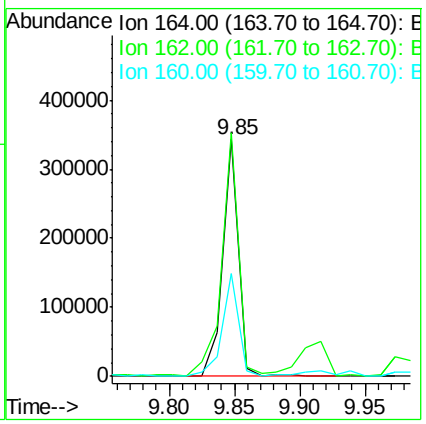


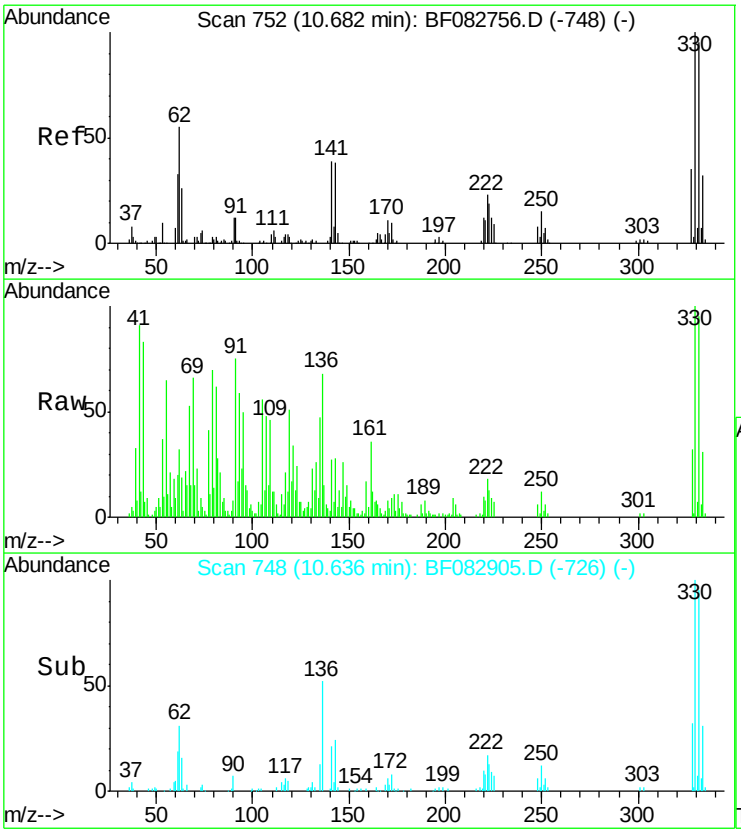
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Instrument :
BNA_F
ClientSampleId :
15K0812

Tgt Ion:164 Resp: 291178

Ion	Ratio	Lower	Upper
164	100		
162	102.7	84.9	127.3
160	43.5	37.5	56.3

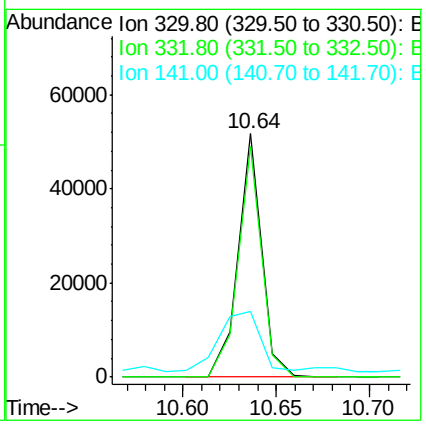


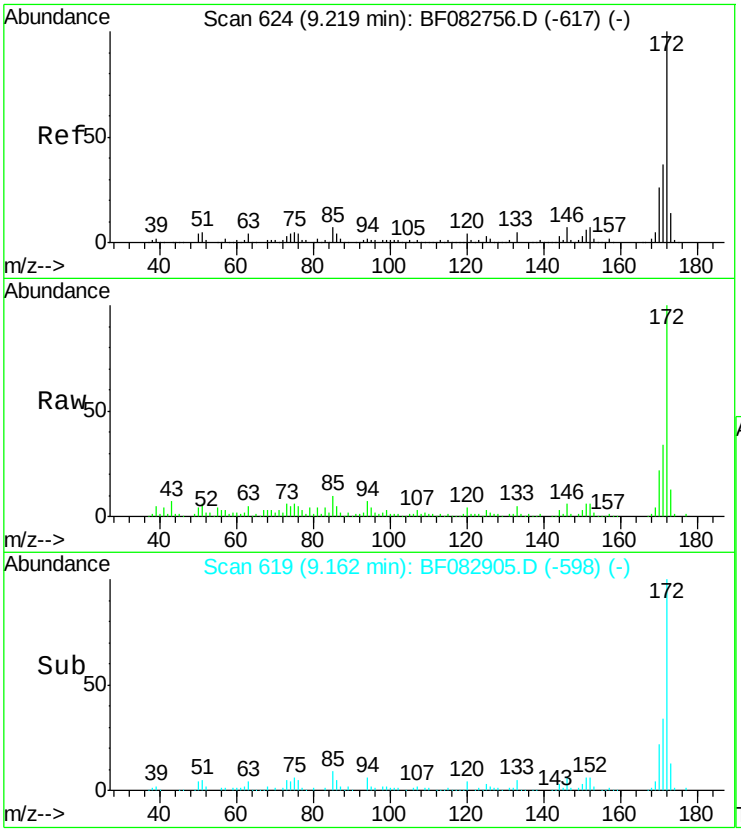


#41
2,4,6-Tribromophenol
Concen: 13.72 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.04 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Tgt Ion:330 Resp: 45814

Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.6	114.8
141	42.7	41.2	61.8



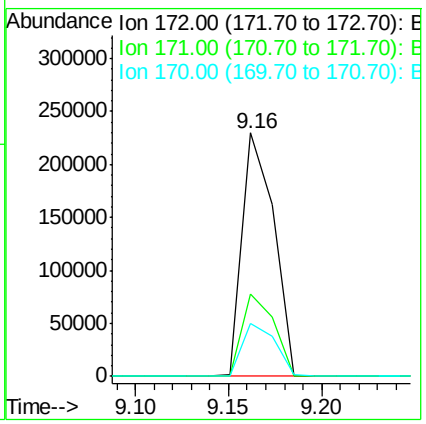


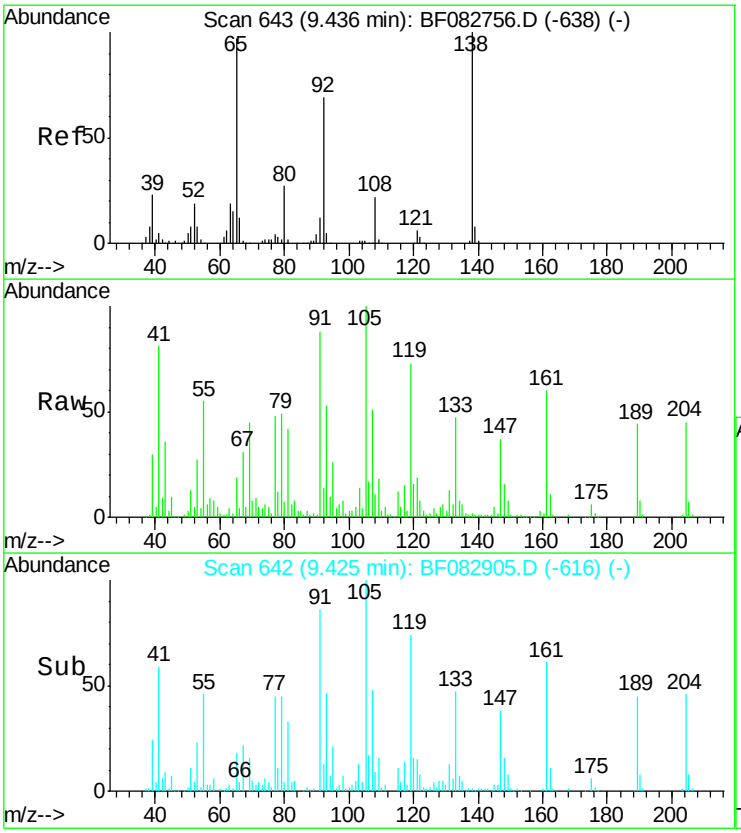
#44
2-Fluorobiphenyl
Concen: 13.32 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Instrument :
BNA_F
ClientSampleId :
15K0812

Tgt Ion:172 Resp: 270596

Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.8	46.2
170	22.0	21.2	31.8

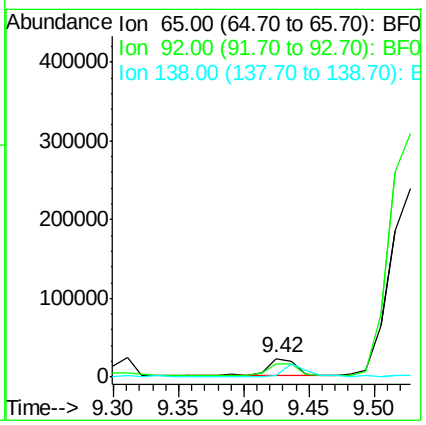


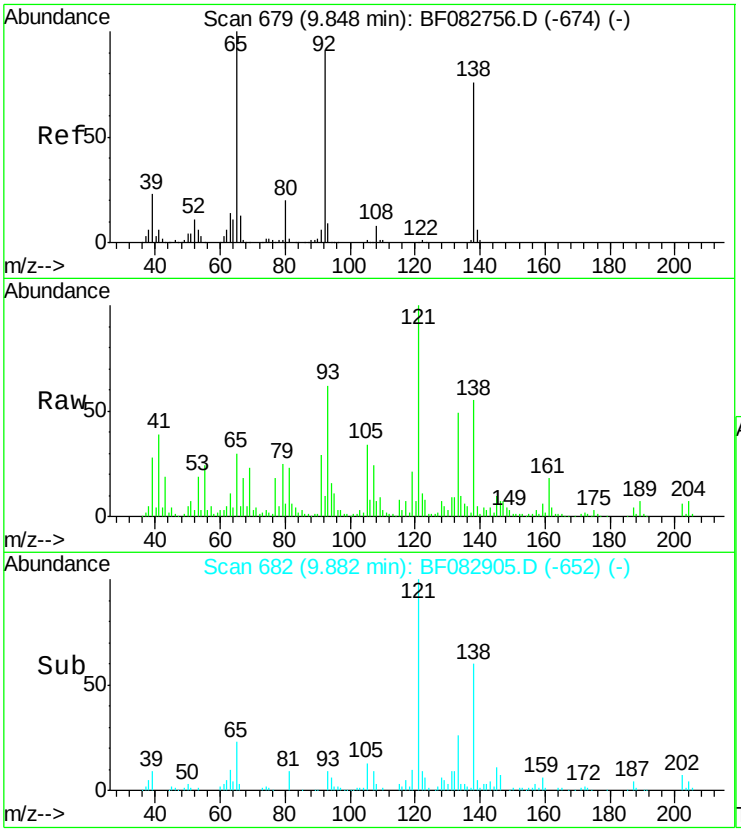


#47
2-Nitroaniline
Concen: 4.88 ng
RT: 9.42 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Tgt Ion: 65 Resp: 35308

Ion	Ratio	Lower	Upper
65	100		
92	73.2	46.6	70.0#
138	9.0	54.6	81.8#



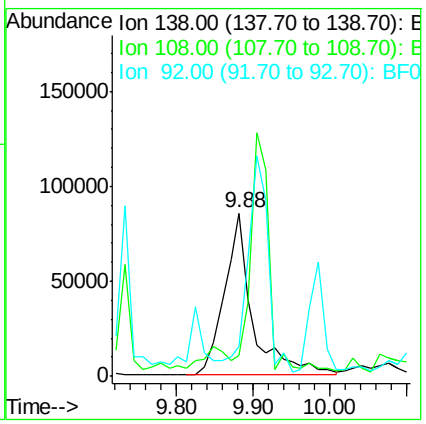


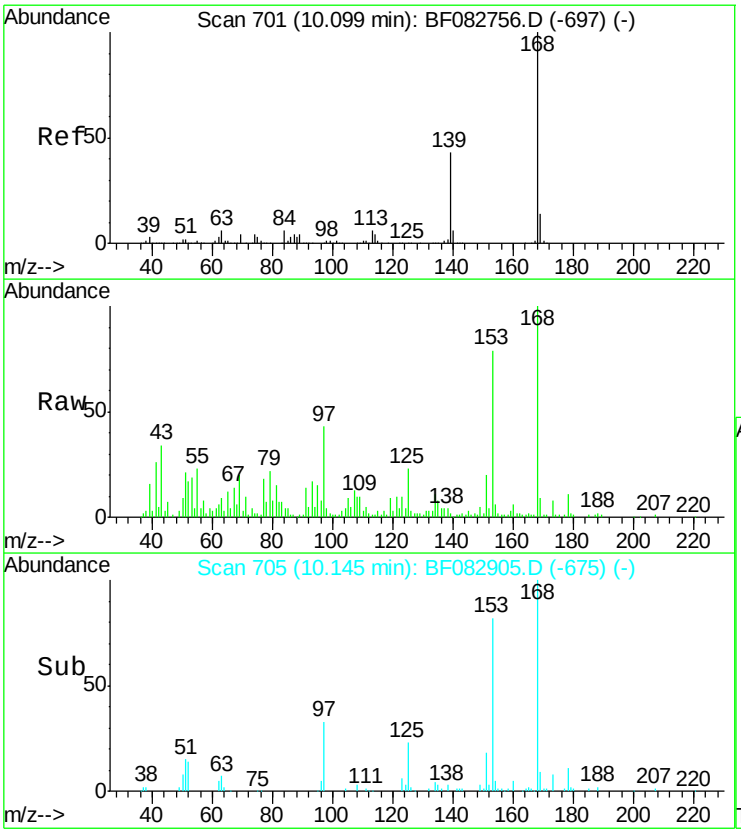
#52
3-Nitroaniline
Concen: 39.52 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.05 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Instrument :
BNA_F
ClientSampleId :
15K0812

Tgt Ion:138 Resp: 221263

Ion	Ratio	Lower	Upper
138	100		
108	12.7	11.3	16.9
92	18.4	122.4	183.6#

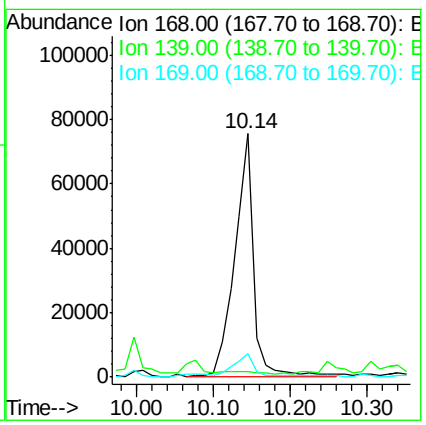


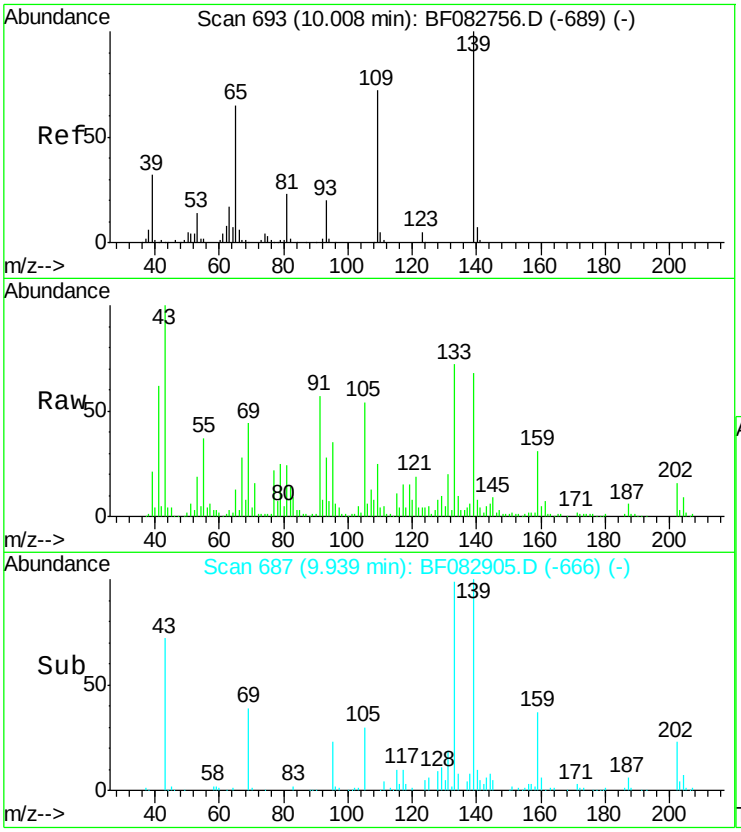


#54
Dibenzofuran
Concen: 5.05 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.05 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Tgt Ion:168 Resp: 131826

Ion	Ratio	Lower	Upper
168	100		
139	2.0	37.8	56.6#
169	9.4	11.3	16.9#



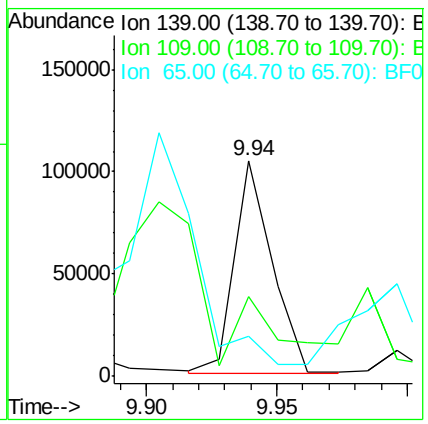


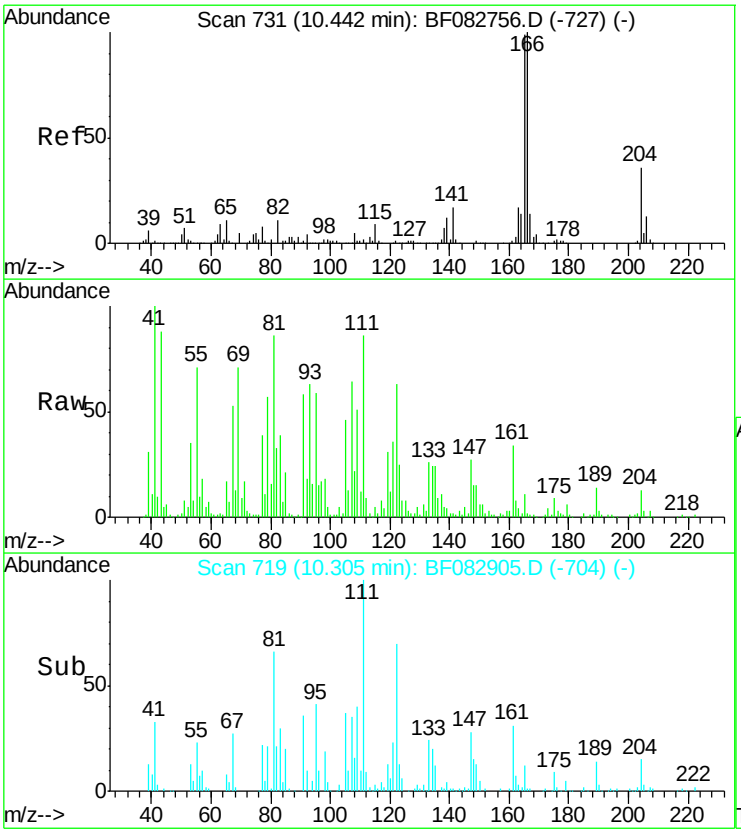
#55
4-Nitrophenol
Concen: 24.72 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.06 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Instrument :
BNA_F
ClientSampleId :
15K0812

Tgt Ion:139 Resp: 106171

Ion	Ratio	Lower	Upper
139	100		
109	36.8	73.7	113.7#
65	18.7	82.9	122.9#

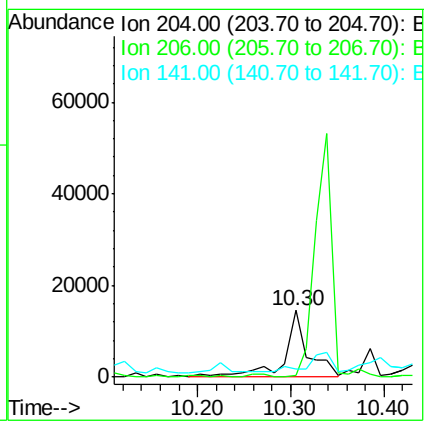


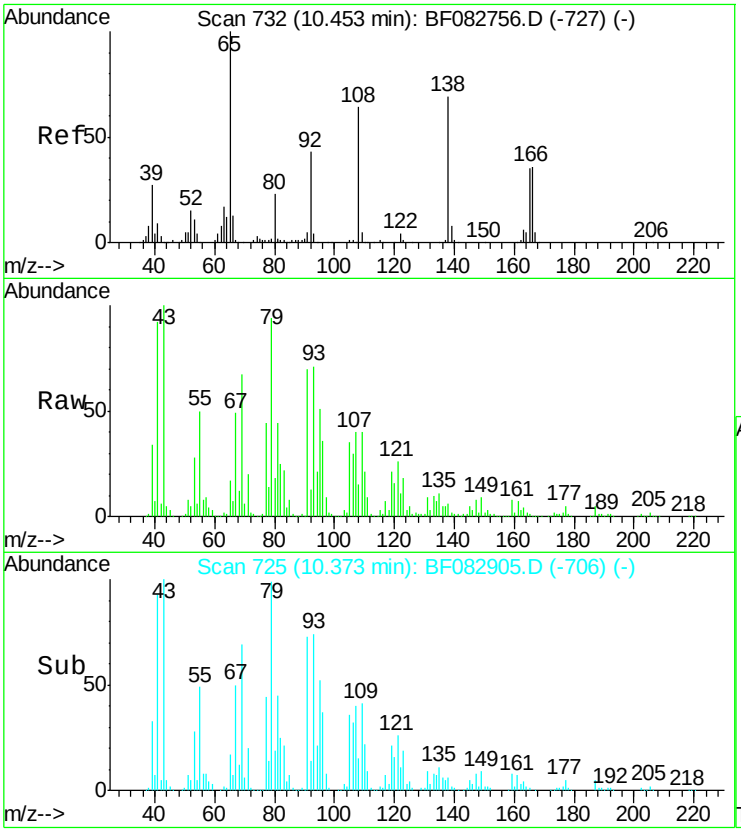


#60
4-Chlorophenyl-phenylether
Concen: 2.43 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.13 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Tgt Ion:204 Resp: 25672

Ion	Ratio	Lower	Upper
204	100		
206	2.9	28.5	42.7#
141	12.3	44.6	66.8#



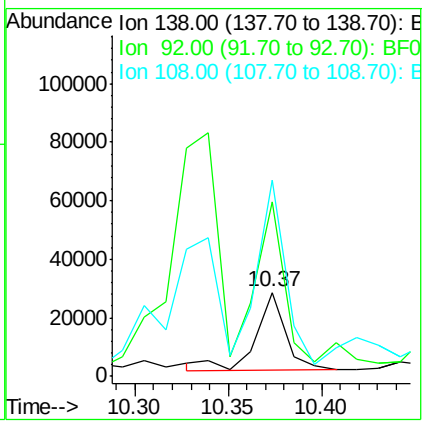


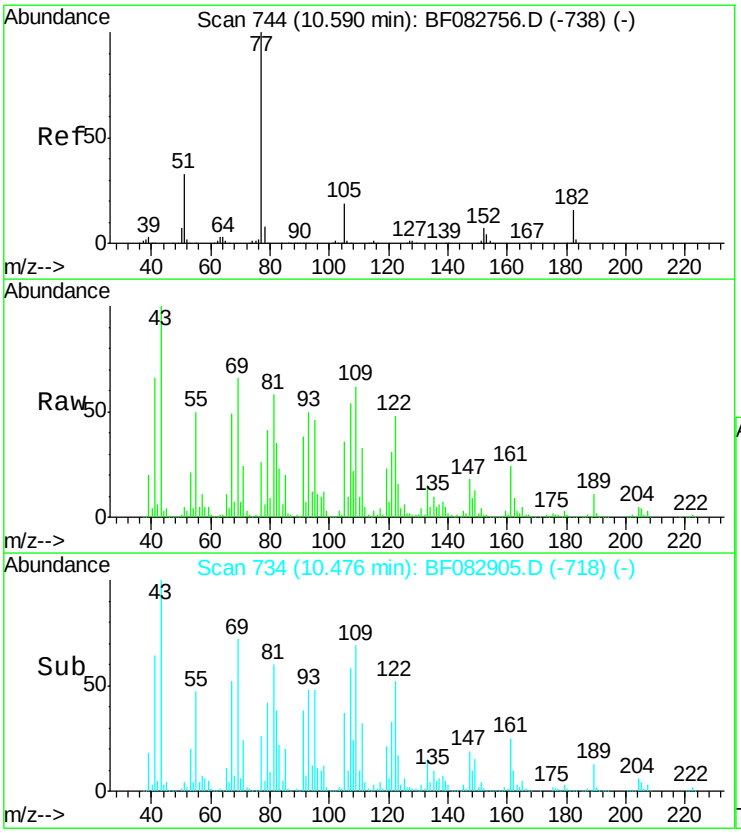
#61
4-Nitroaniline
Concen: 5.27 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.08 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Instrument :
BNA_F
ClientSampleId :
15K0812

Tgt Ion:138 Resp: 29689

Ion	Ratio	Lower	Upper
138	100		
92	209.2	45.8	85.8#
108	233.9	89.4	129.4#

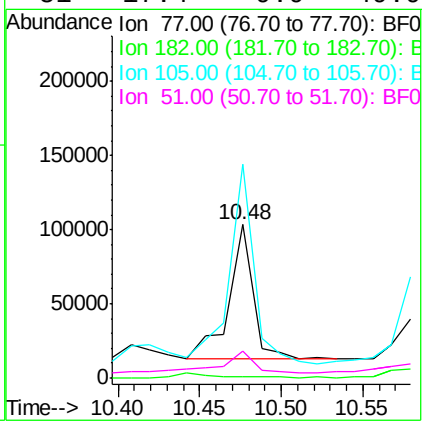


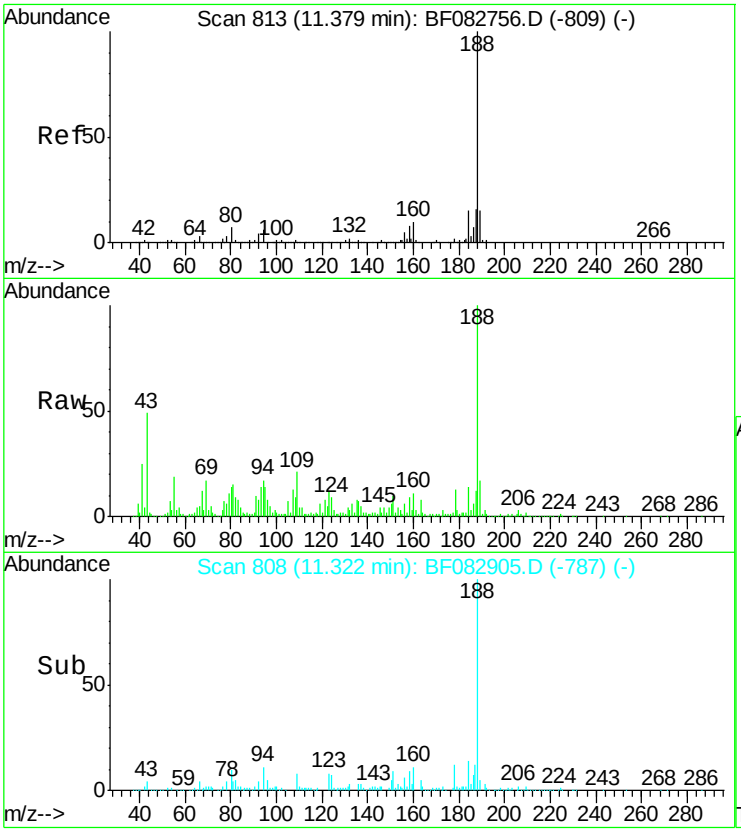


#62
Azobenzene
Concen: 3.67 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.11 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Tgt Ion: 77 Resp: 91714

Ion	Ratio	Lower	Upper
77	100		
182	0.7	9.3	49.3#
105	139.2	2.6	42.6#
51	17.4	9.9	49.9



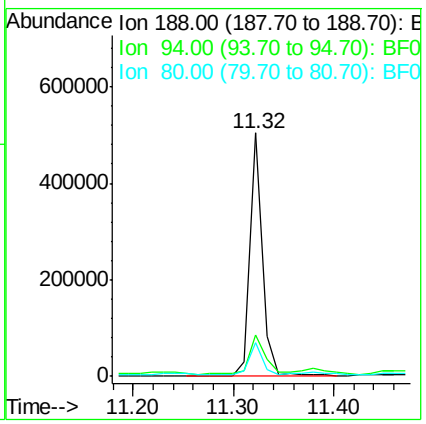


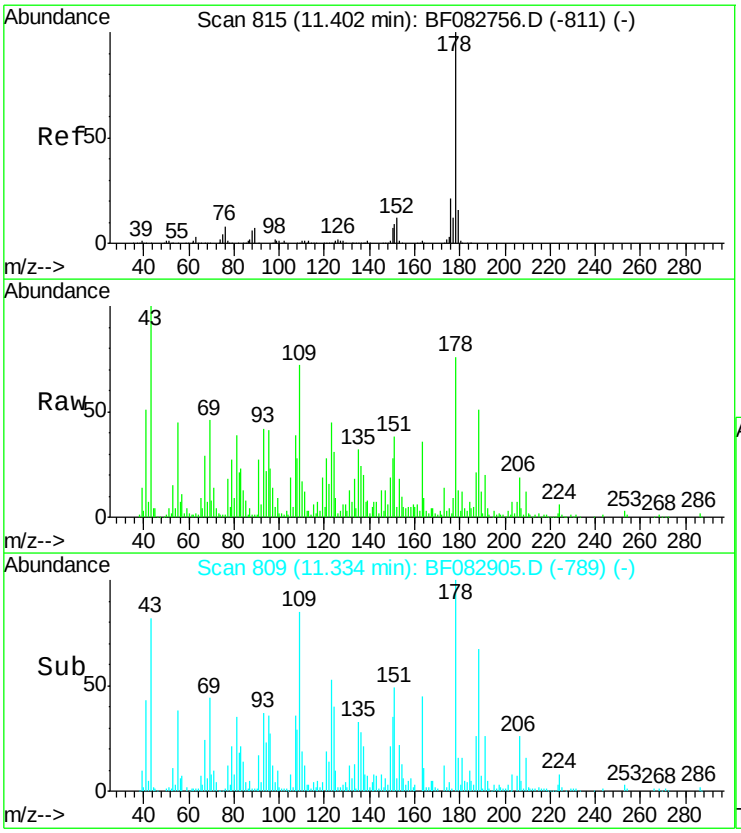
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Instrument :
BNA_F
ClientSampleId :
15K0812

Tgt Ion:188 Resp: 431492

Ion	Ratio	Lower	Upper
188	100		
94	17.0	6.1	9.1#
80	13.6	7.0	10.6#

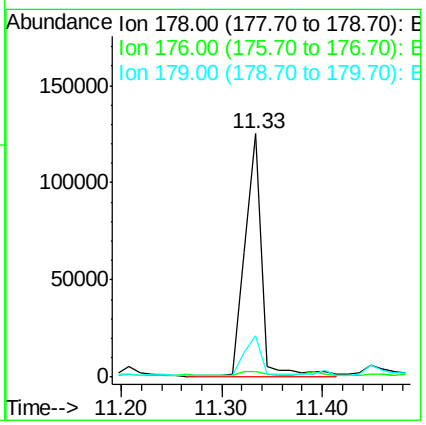


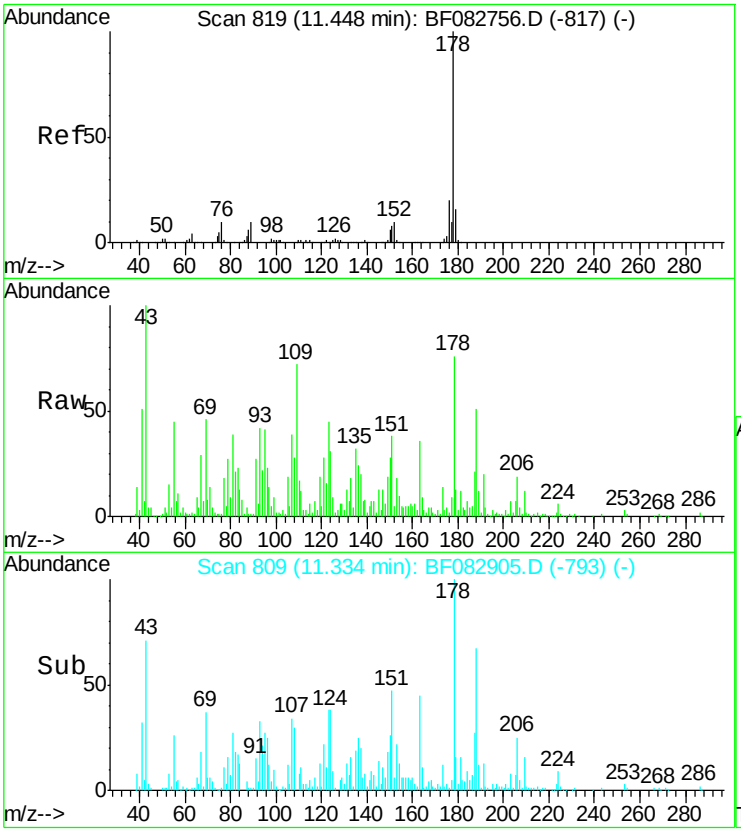


#70
Phenanthrene
Concen: 5.70 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.07 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Tgt Ion:178 Resp: 142859

Ion	Ratio	Lower	Upper
178	100		
176	2.1	17.0	25.4#
179	17.0	13.4	20.0



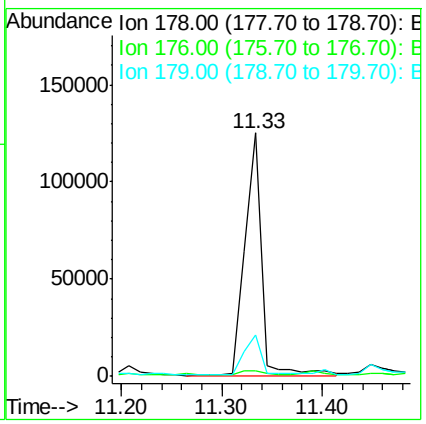


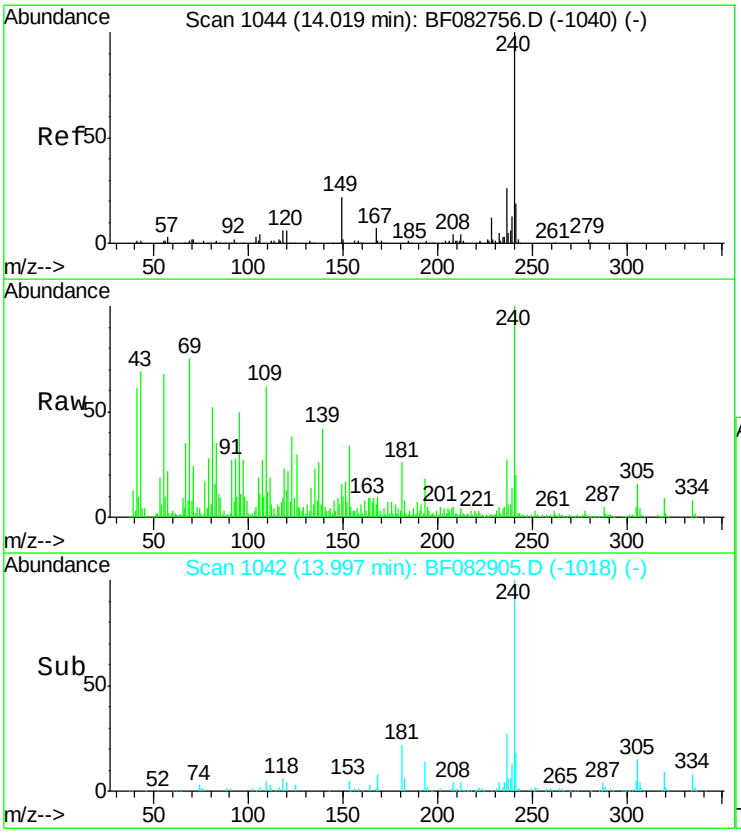
#71
Anthracene
Concen: 5.41 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.11 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Instrument :
BNA_F
ClientSampleId :
15K0812

Tgt Ion:178 Resp: 142859

Ion	Ratio	Lower	Upper
178	100		
176	2.1	16.5	24.7#
179	17.0	13.2	19.8

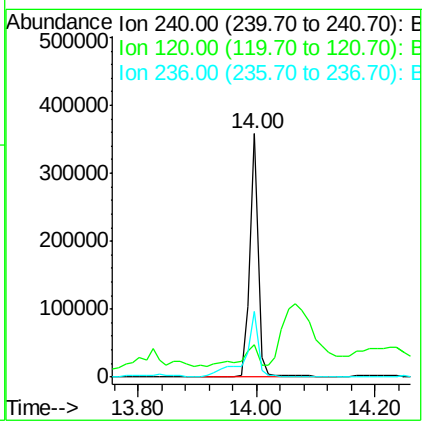


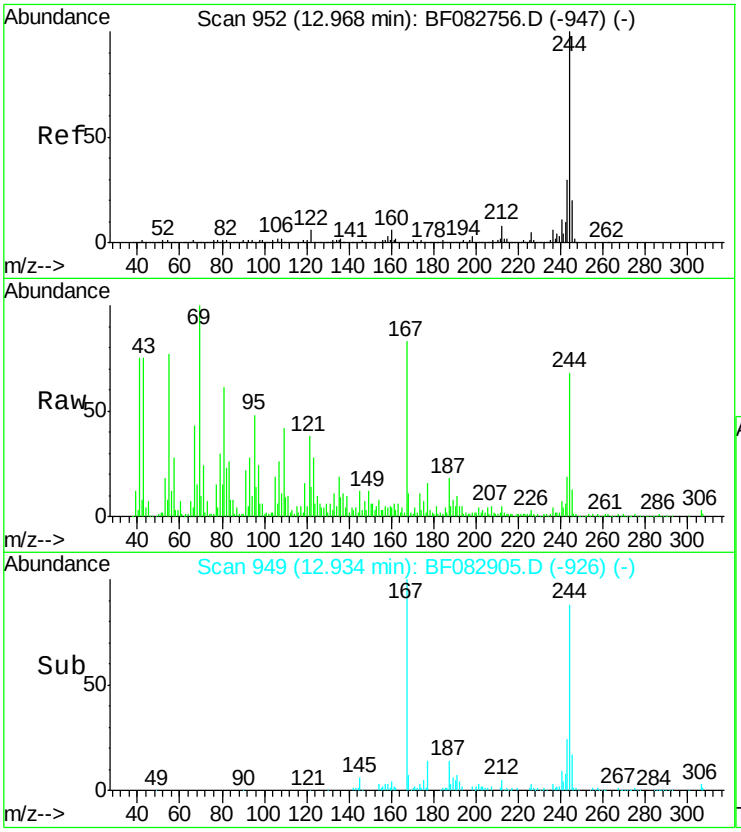


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Tgt Ion:240 Resp: 350528

Ion	Ratio	Lower	Upper
240	100		
120	13.1	10.9	16.3
236	27.2	21.6	32.4



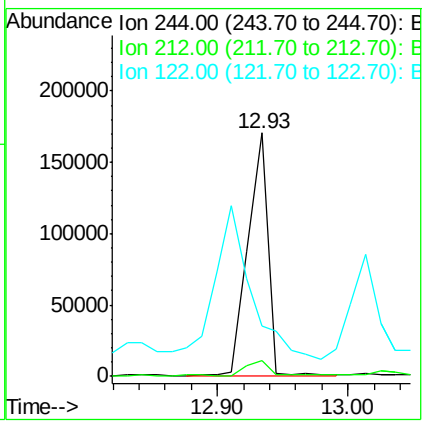


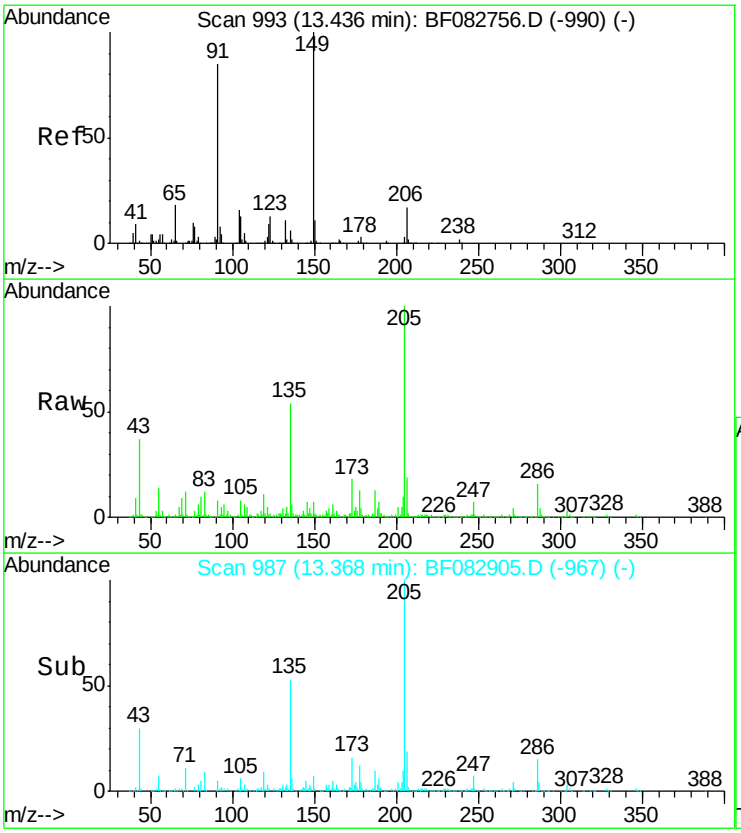
#78
Terphenyl-d14
Concen: 12.31 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.03 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Instrument :
BNA_F
ClientSampleId :
15K0812

Tgt Ion:244 Resp: 181866

Ion	Ratio	Lower	Upper
244	100		
212	6.7	7.6	11.4#
122	20.7	11.3	16.9#

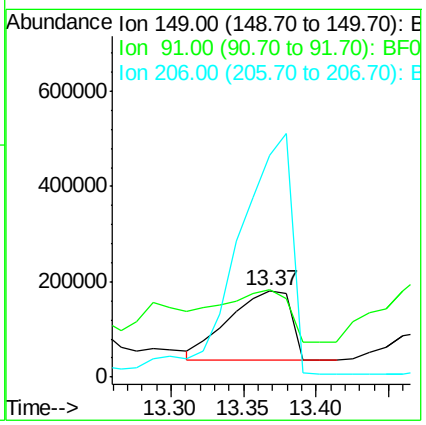


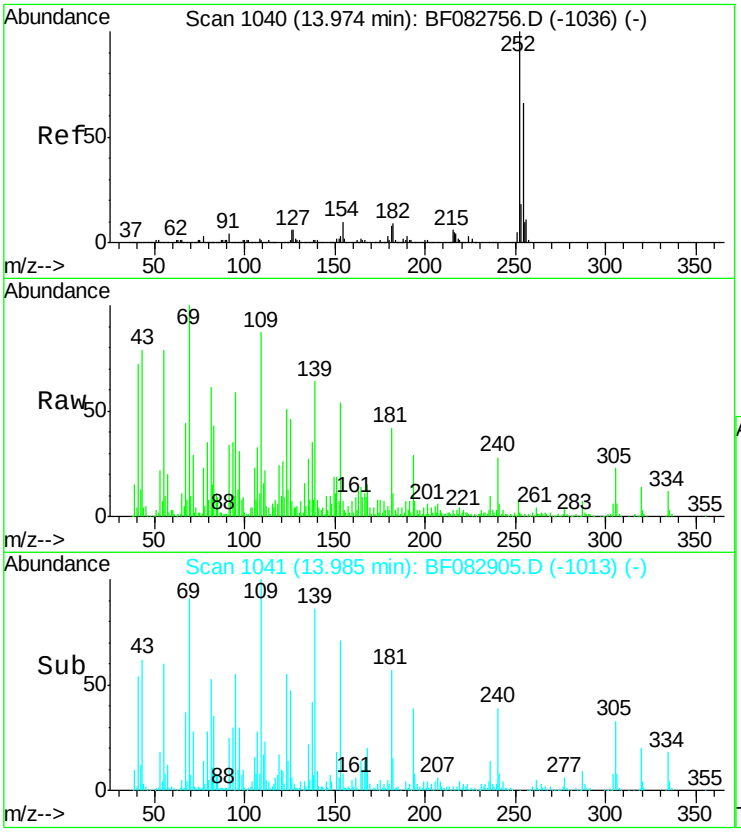


#79
Butylbenzylphthalate
Concen: 40.18 ng
RT: 13.37 min Scan# 987
Delta R.T. -0.07 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Tgt Ion:149 Resp: 427262

Ion	Ratio	Lower	Upper
149	100		
91	101.6	67.7	101.5#
206	257.9	14.6	22.0#



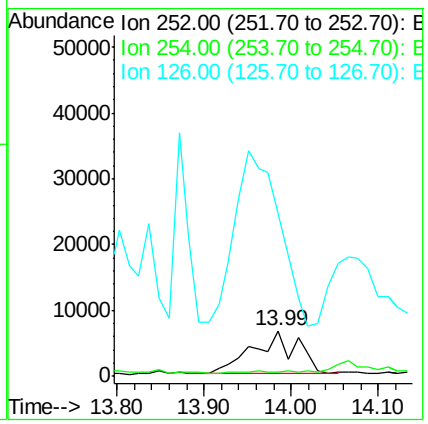


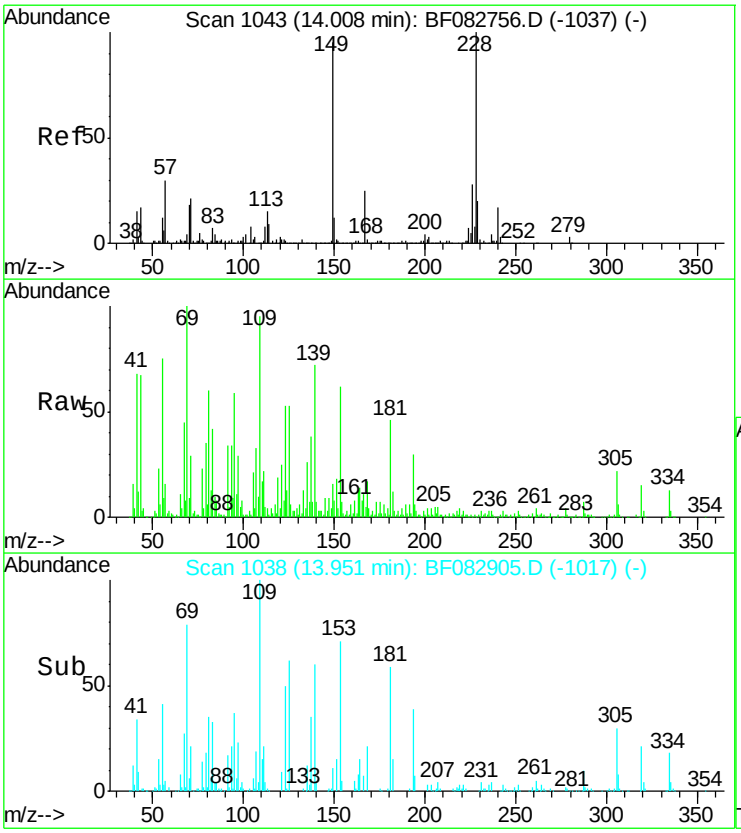
#81
3,3'-Dichlorobenzidine
Concen: 3.01 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.02 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Instrument :
BNA_F
ClientSampleId :
15K0812

Tgt Ion:252 Resp: 23493

Ion	Ratio	Lower	Upper
252	100		
254	10.6	51.4	77.0#
126	357.4	10.7	16.1#

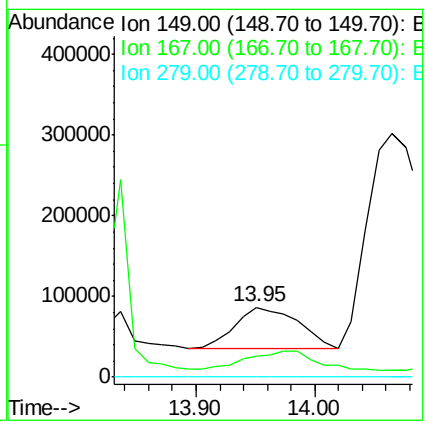


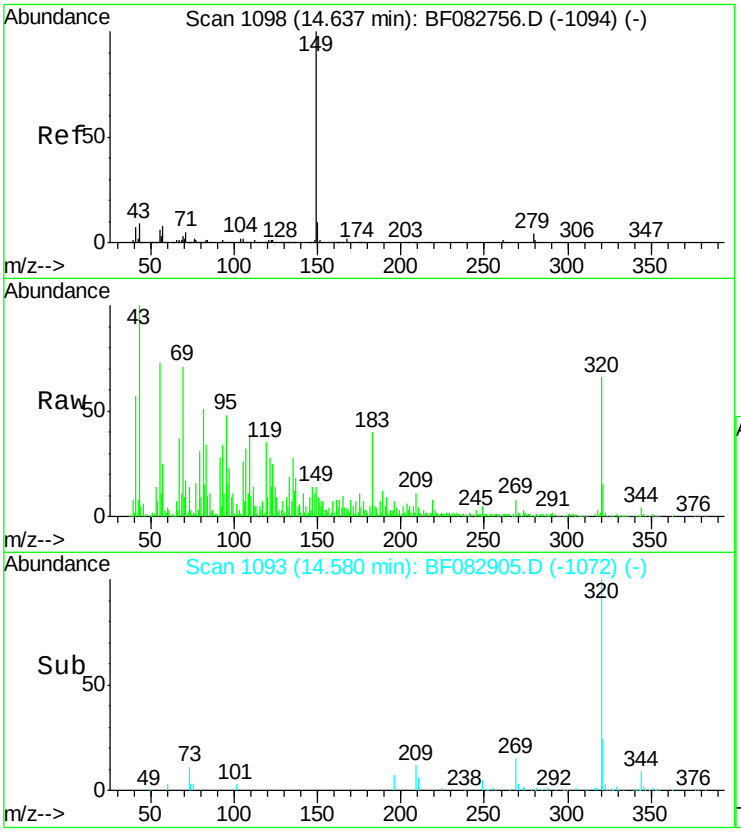


#83
Bis(2-ethylhexyl)phthalate
Concen: 13.31 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.06 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Tgt Ion:149 Resp: 193779

Ion	Ratio	Lower	Upper
149	100		
167	30.7	21.2	31.8
279	1.3	2.2	3.2#



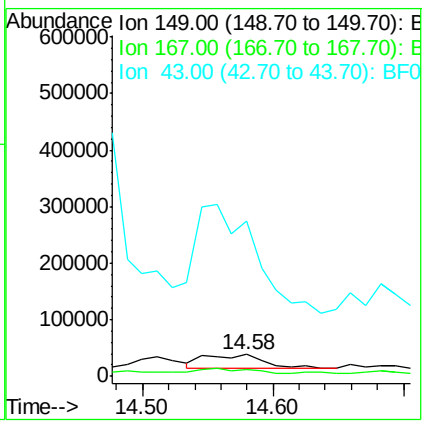


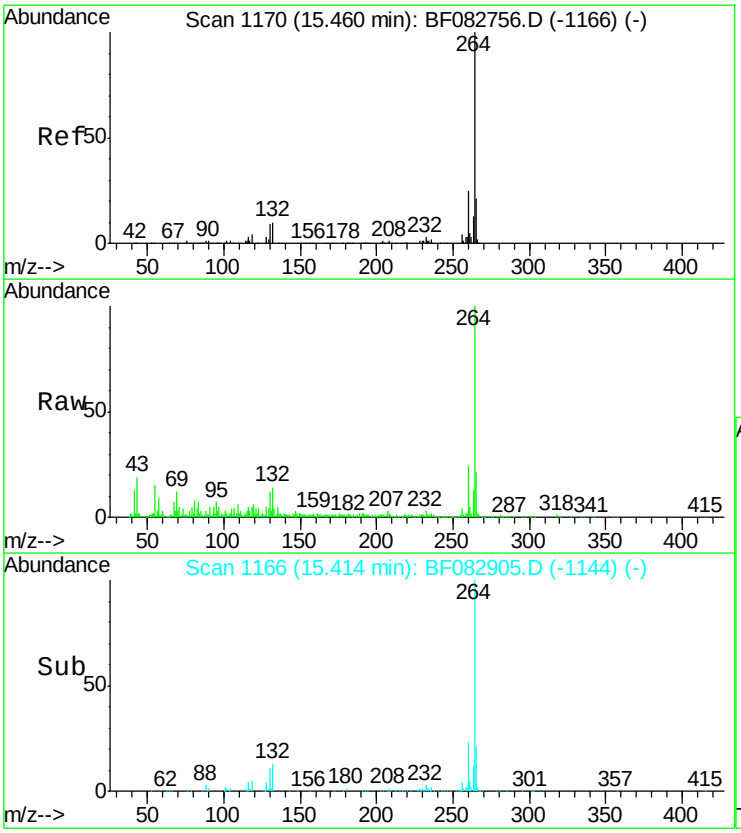
#84
Di-n-octyl phthalate
Concen: 2.90 ng
RT: 14.58 min Scan# 1093
Delta R.T. -0.06 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Instrument :
BNA_F
ClientSampleId :
15K0812

Tgt Ion:149 Resp: 70524

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	10.1	15.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.05 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Tgt Ion:264 Resp: 379544

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.8	29.6
265	21.2	17.4	26.0