Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
Data File : BF083355.D
Acq On : 1 Dec 2015 1:42
Operator : UM/IZ
Sample : PB84847BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86847BSD

Quant Time: Dec 01 02:17:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	164266	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	635984	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	329018	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	634282	20.00	ng		0.00
75) Chrysene-d12	14.75	240	605203	20.00	ng		-0.01
86) Perylene-d12	16.82	264	458256	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	763368	69.73	ng		0.01
7) Phenol-d6	6.21	99	978379	65.30	ng		-0.01
23) Nitrobenzene-d5	7.13	82	959355	66.31	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	218214	66.07	ng		-0.01
44) 2-Fluorobiphenyl	8.92	172	1572018	68.09	ng		0.00
78) Terphenyl-d14	13.22	244	1624952	64.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	155673	26.26	ng	#	86
3) Pyridine	2.65	79	393767	26.56	ng		98
4) n-Nitrosodimethylamine	2.60	42	237622	32.56	ng		90
6) Aniline	6.21	93	356878	17.41	ng		94
8) 2-Chlorophenol	6.34	128	398912	33.04	ng		98
9) Benzaldehyde	6.09	77	99786	11.25	ng		94
10) Phenol	6.22	94	509436	28.26	ng	#	69
11) bis(2-Chloroethyl)ether	6.29	93	434943	33.16	ng		95
12) 1,3-Dichlorobenzene	6.49	146	432577	32.23	ng		98
13) 1,4-Dichlorobenzene	6.57	146	438920	31.64	ng		98
14) 1,2-Dichlorobenzene	6.57	146	438920	34.48	ng		97
15) Benzyl Alcohol	6.72	79	387898	33.50	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	746486	32.44	ng	#	48
17) 2-Methylphenol	6.84	107	344732	34.25	ng		98
18) Hexachloroethane	7.06	117	153756	31.91	ng		96
19) n-Nitroso-di-n-propylamine	6.98	70	323054	30.16	ng		91
20) 3+4-Methylphenols	7.00	107	456471	33.48	ng		99
22) Acetophenone	6.97	105	567225	29.81	ng	#	93
24) Nitrobenzene	7.14	77	465857	30.15	ng		89
25) Isophorone	7.39	82	858788	30.64	ng		97
26) 2-Nitrophenol	7.46	139	200445	31.78	ng		94
27) 2,4-Dimethylphenol	7.53	122	346669	32.79	ng		99
28) bis(2-Chloroethoxy)methane	7.61	93	532645	33.38	ng		99
29) 2,4-Dichlorophenol	7.71	162	341637	33.60	ng		97
30) 1,2,4-Trichlorobenzene	7.78	180	339044	30.64	ng		97
31) Naphthalene	7.86	128	1124849	32.60	ng		98
32) Benzoic acid	7.66	122	218918	30.02	ng		100
33) 4-Chloroaniline	7.93	127	196854	13.23	ng		98
34) Hexachlorobutadiene	7.98	225	198819	31.64	ng		99
35) Caprolactam	8.29	113	74769	23.27	ng		92
36) 4-Chloro-3-methylphenol	8.43	107	378226	33.16	ng		96
37) 2-Methylnaphthalene	8.54	142	722956	31.35	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	320564	30.74	ng		97
40) Hexachlorocyclopentadiene	8.70	237	316938	63.97	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
Data File : BF083355.D
Acq On : 1 Dec 2015 1:42
Operator : UM/IZ
Sample : PB84847BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86847BSD

Quant Time: Dec 01 02:17:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

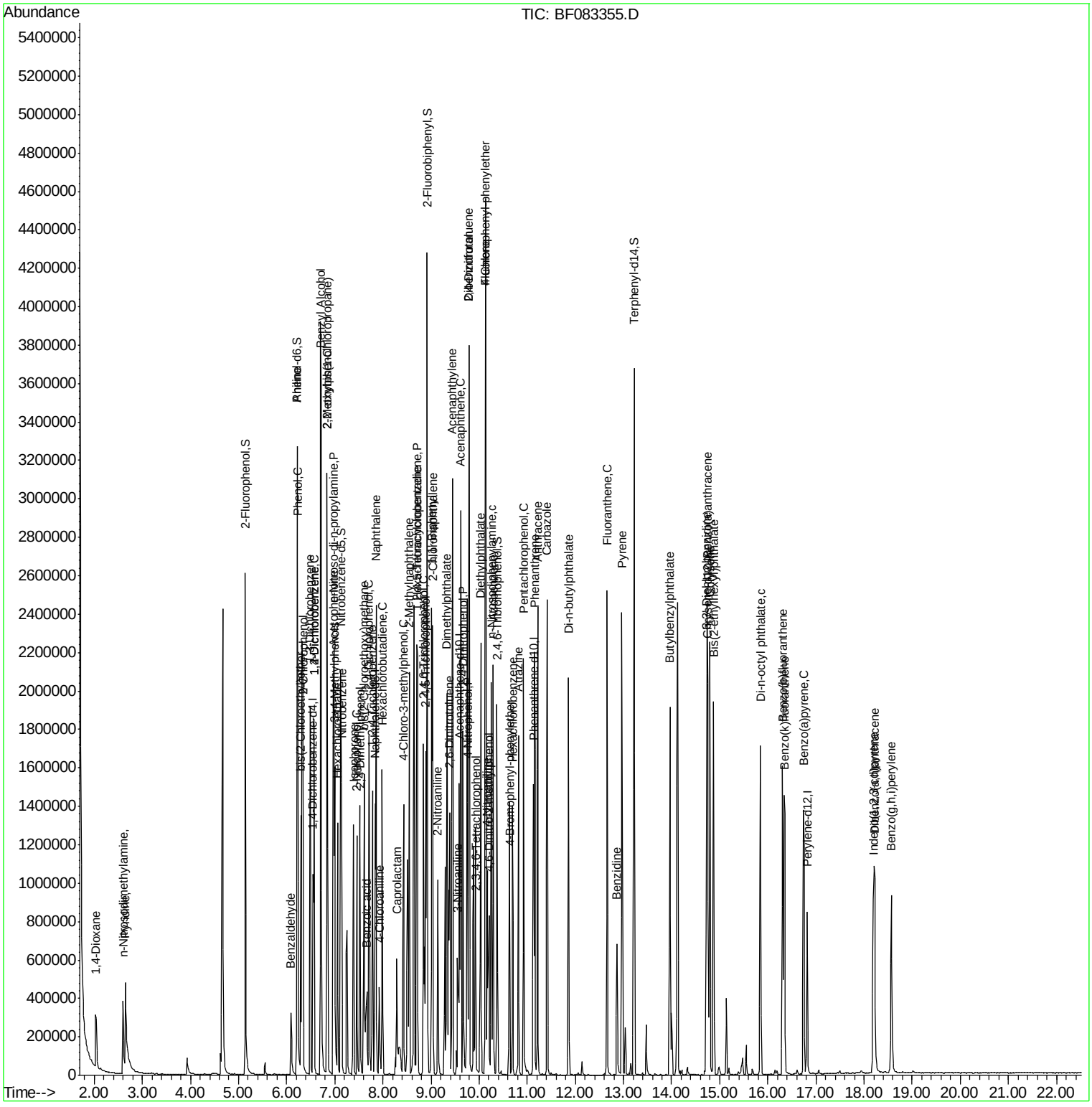
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	242015	33.08	ng		99
43) 2,4,5-Trichlorophenol	8.89	196	259333	34.21	ng		99
45) 1,1'-Biphenyl	9.01	154	873501	30.27	ng		96
46) 2-Chloronaphthalene	9.04	162	736947	33.52	ng		96
47) 2-Nitroaniline	9.14	65	266716	30.63	ng	#	75
48) Acenaphthylene	9.45	152	1158621	33.04	ng		99
49) Dimethylphthalate	9.33	163	871889	32.61	ng		99
50) 2,6-Dinitrotoluene	9.39	165	198735	34.80	ng	#	83
51) Acenaphthene	9.62	154	672370	32.59	ng		99
52) 3-Nitroaniline	9.55	138	105670	15.79	ng	#	76
53) 2,4-Dinitrophenol	9.66	184	224416	65.49	ng		96
54) Dibenzofuran	9.79	168	973212	32.19	ng		99
55) 4-Nitrophenol	9.76	139	277290	66.24	ng	#	59
56) 2,4-Dinitrotoluene	9.79	165	248073	34.24	ng		91
57) Fluorene	10.13	166	815056	34.14	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	193144	31.58	ng		94
59) Diethylphthalate	10.03	149	843650	33.10	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	373708	34.07	ng		96
61) 4-Nitroaniline	10.17	138	187031	27.93	ng		88
62) Azobenzene	10.29	77	1036884	33.68	ng		96
64) 4,6-Dinitro-2-methylphenol	10.20	198	151439	35.56	ng		78
65) n-Nitrosodiphenylamine	10.26	169	718967	32.26	ng		100
66) 4-Bromophenyl-phenylether	10.64	248	225823	32.55	ng		95
67) Hexachlorobenzene	10.69	284	248998	32.46	ng	#	71
68) Atrazine	10.82	200	205844	33.39	ng		99
69) Pentachlorophenol	10.92	266	283373	70.51	ng		99
70) Phenanthrene	11.15	178	1241858	33.08	ng		99
71) Anthracene	11.22	178	1283685	33.97	ng		100
72) Carbazole	11.41	167	1158247	34.11	ng		100
73) Di-n-butylphthalate	11.86	149	1364905	33.92	ng		99
74) Fluoranthene	12.66	202	1286491	33.06	ng		97
76) Benzidine	12.87	184	368443	20.44	ng		98
77) Pyrene	12.97	202	1330062	31.47	ng		98
79) Butylbenzylphthalate	13.96	149	576206	32.14	ng		96
80) Benzo(a)anthracene	14.74	228	1199740	32.36	ng		99
81) 3,3'-Dichlorobenzidine	14.73	252	268416	23.18	ng		99
82) Chrysene	14.80	228	1133410	31.64	ng		99
83) Bis(2-ethylhexyl)phthalate	14.88	149	815205	33.89	ng		100
84) Di-n-octyl phthalate	15.85	149	1290316	36.03	ng		100
85) Indeno(1,2,3-cd)pyrene	18.19	276	844526	32.37	ng		99
87) Benzo(b)fluoranthene	16.31	252	1041683	35.43	ng		99
88) Benzo(k)fluoranthene	16.35	252	872958	31.44	ng		99
89) Benzo(a)pyrene	16.74	252	890124	35.24	ng	#	96
90) Dibenzo(a,h)anthracene	18.23	278	715724	32.52	ng		98
91) Benzo(g,h,i)perylene	18.57	276	694404	32.15	ng		96

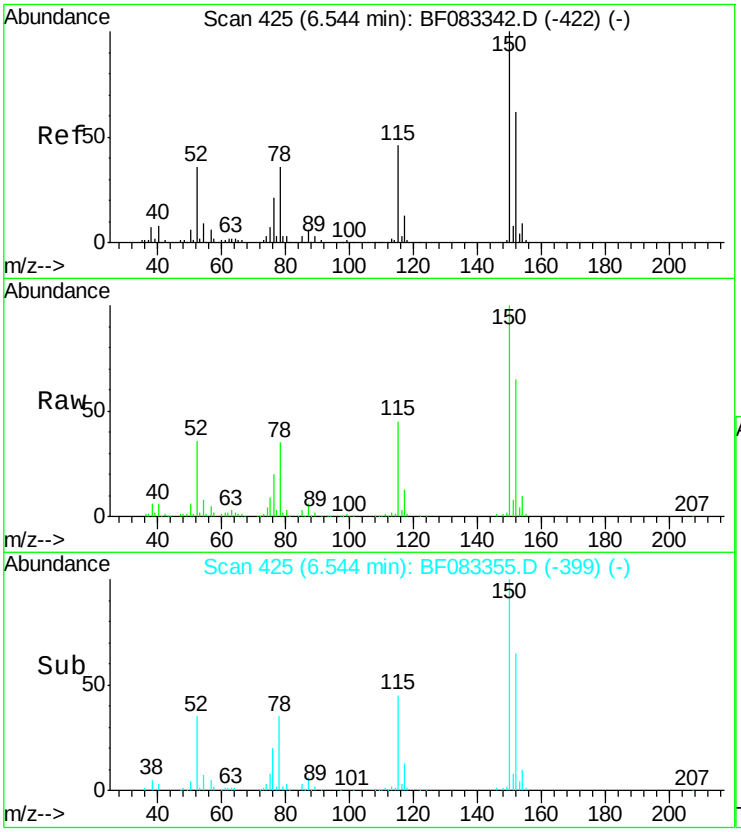
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
Data File : BF083355.D
Acq On : 1 Dec 2015 1:42
Operator : UM/IZ
Sample : PB84847BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Quant Time: Dec 01 02:17:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration



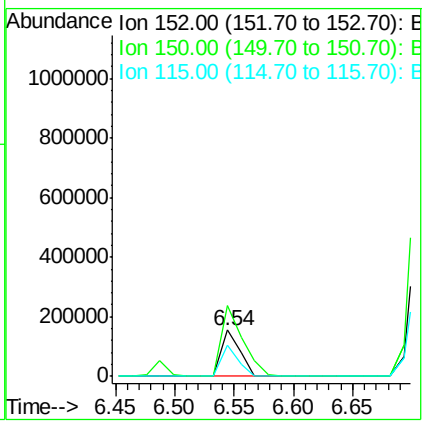


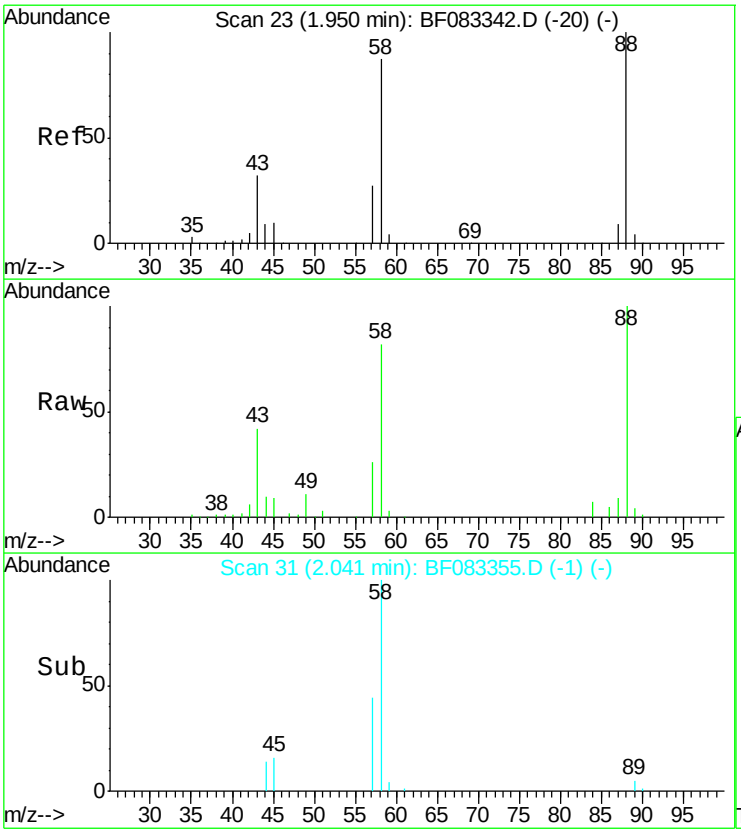
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:152 Resp: 164266

Ion	Ratio	Lower	Upper
152	100		
150	153.0	129.8	194.8
115	68.6	59.2	88.8

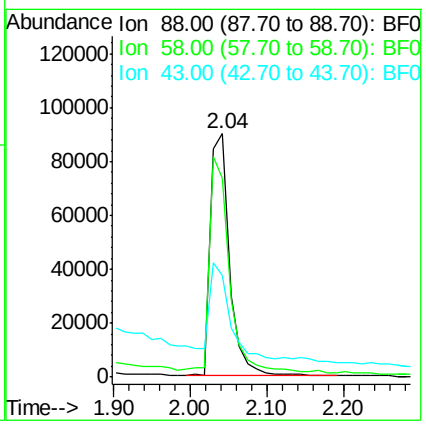


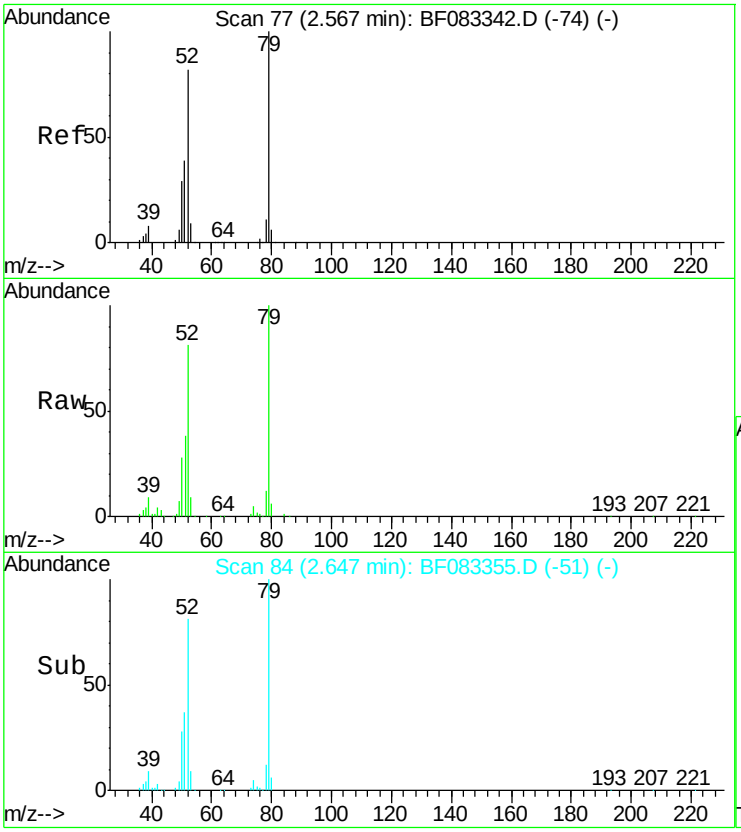


#2
1,4-Dioxane
Concen: 26.26 ng
RT: 2.04 min Scan# 31
Delta R.T. 0.09 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion: 88 Resp: 155673

Ion	Ratio	Lower	Upper
88	100		
58	90.7	66.6	100.0
43	50.0	27.1	40.7#



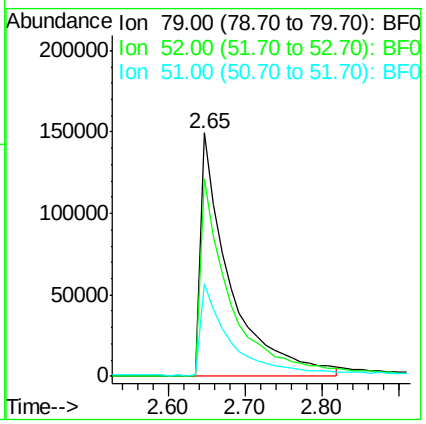


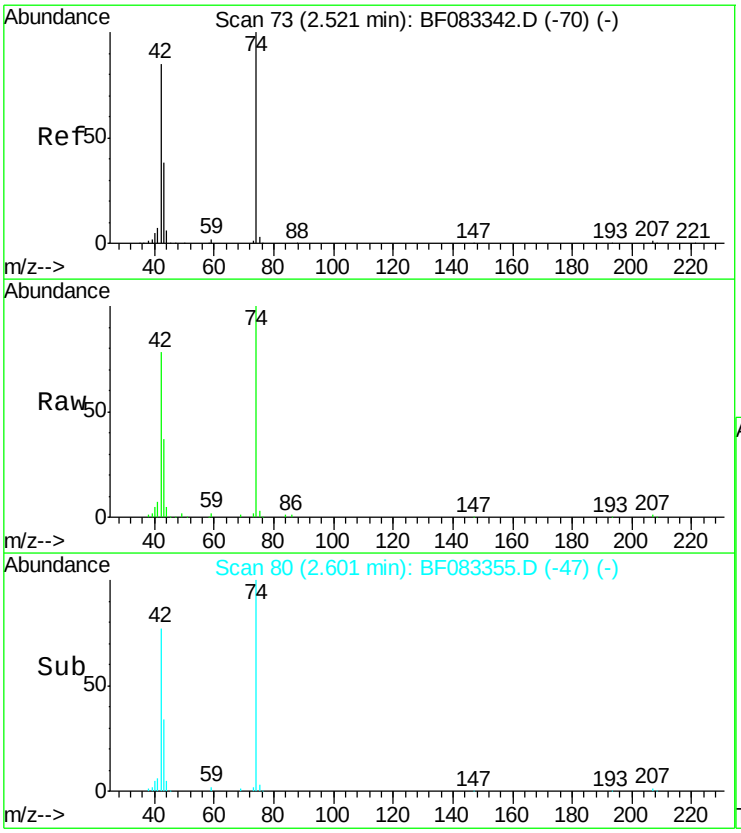
#3
Pyridine
Concen: 26.56 ng
RT: 2.65 min Scan# 84
Delta R.T. 0.08 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion: 79 Resp: 393767

Ion	Ratio	Lower	Upper
79	100		
52	81.3	65.9	98.9
51	38.1	32.3	48.5

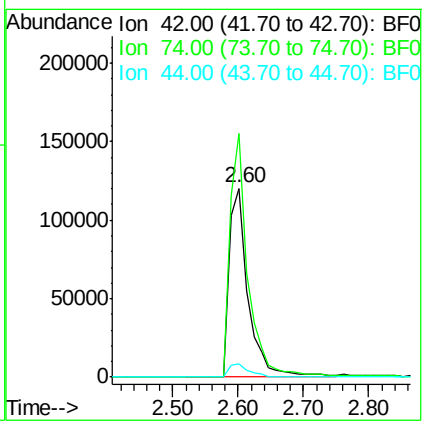


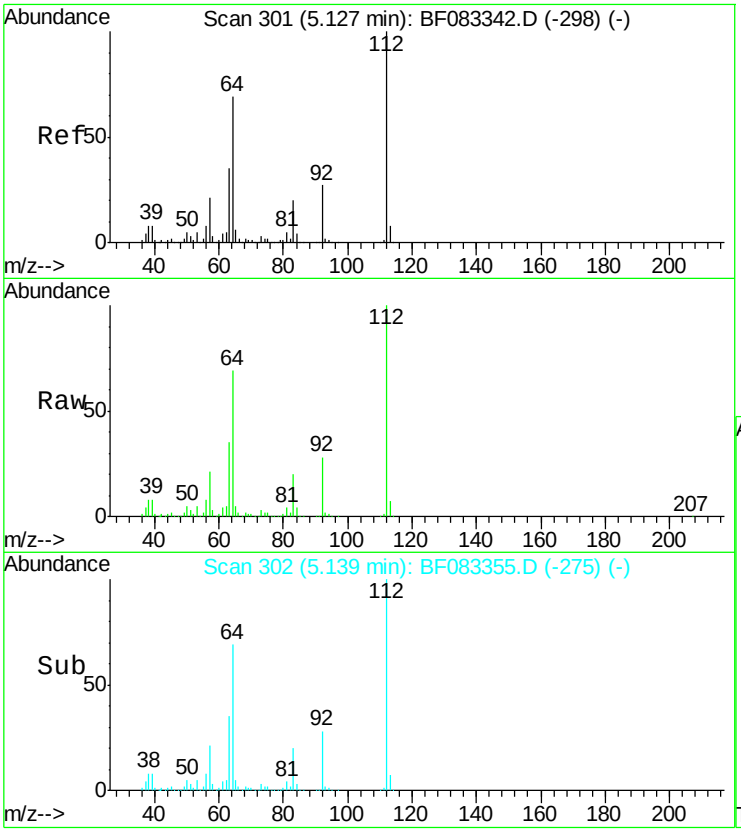


#4
n-Nitrosodimethylamine
Concen: 32.56 ng
RT: 2.60 min Scan# 80
Delta R.T. 0.08 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion: 42 Resp: 237622

Ion	Ratio	Lower	Upper
42	100		
74	129.0	93.7	140.5
44	6.7	5.6	8.4



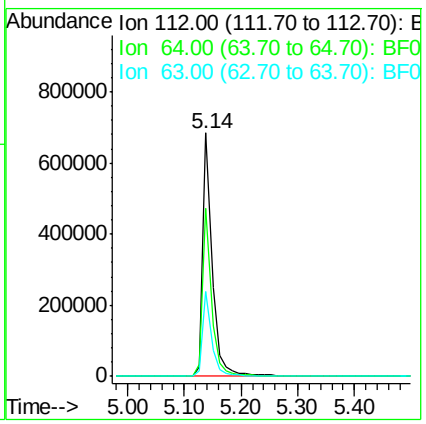


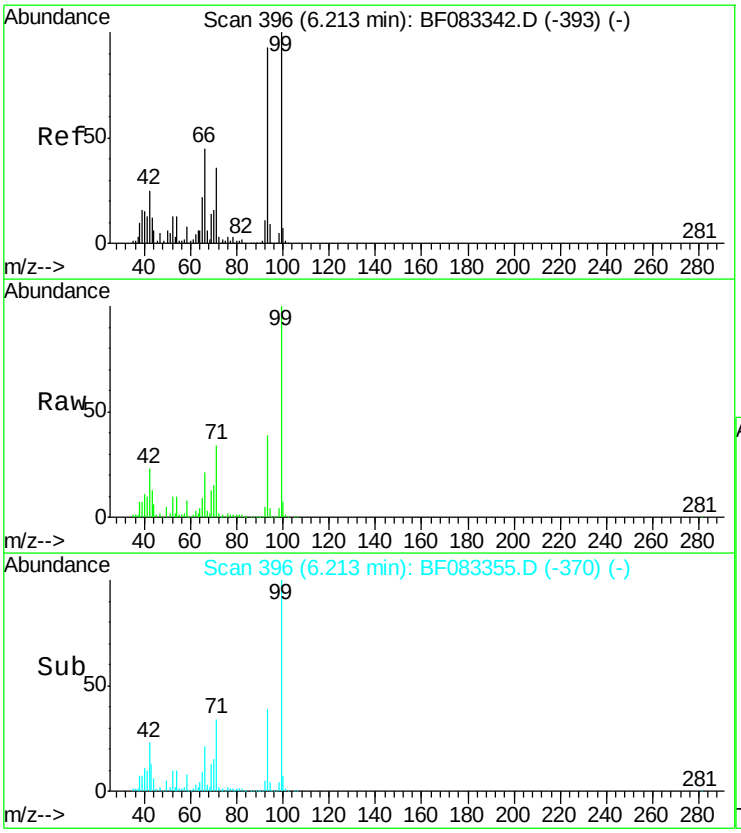
#5
2-Fluorophenol
Concen: 69.73 ng
RT: 5.14 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:112 Resp: 763368

Ion	Ratio	Lower	Upper
112	100		
64	68.9	55.6	83.4
63	35.0	28.2	42.2

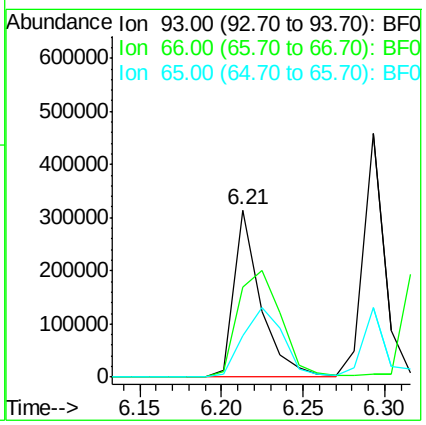


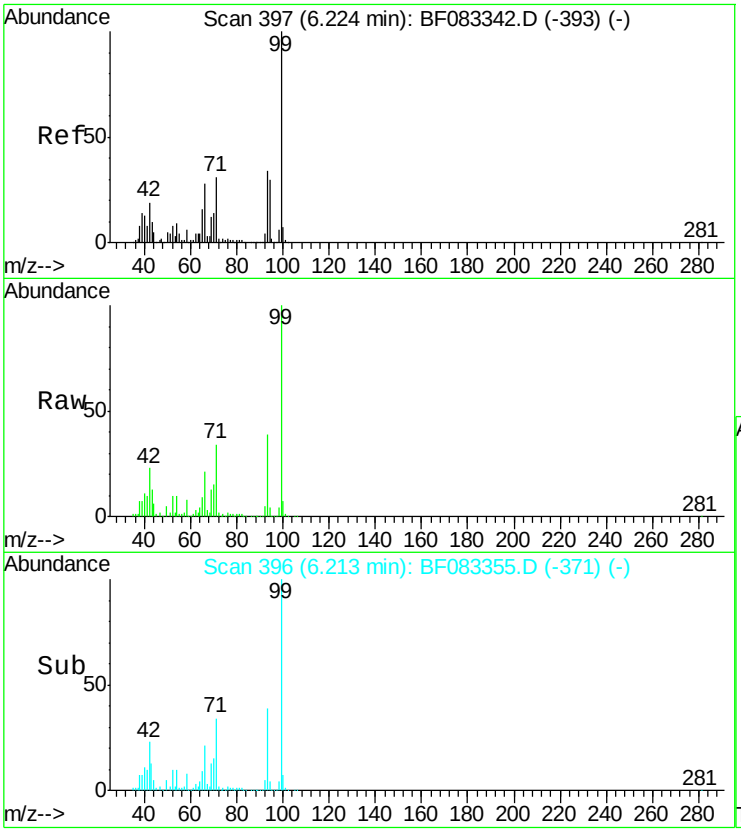


#6
Aniline
Concen: 17.41 ng
RT: 6.21 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion: 93 Resp: 356878

Ion	Ratio	Lower	Upper
93	100		
66	54.1	38.7	58.1
65	24.6	19.0	28.6



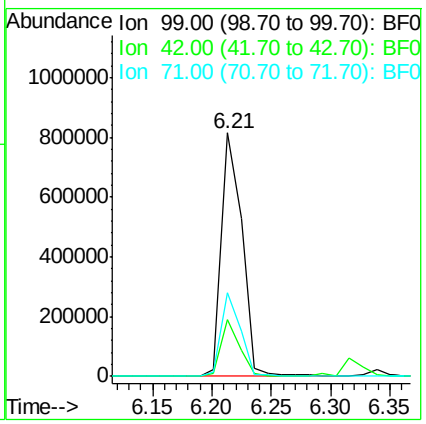


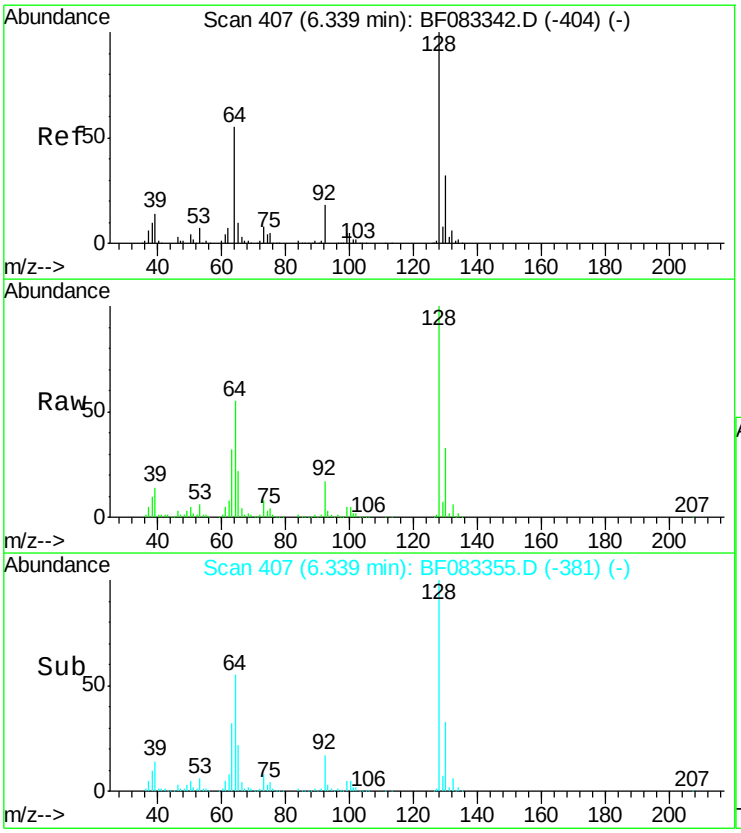
#7
Phenol-d6
Concen: 65.30 ng
RT: 6.21 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion: 99 Resp: 978379

Ion	Ratio	Lower	Upper
99	100		
42	23.4	14.9	22.3#
71	34.2	24.7	37.1

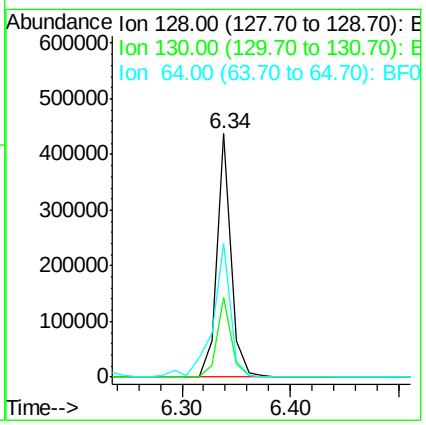


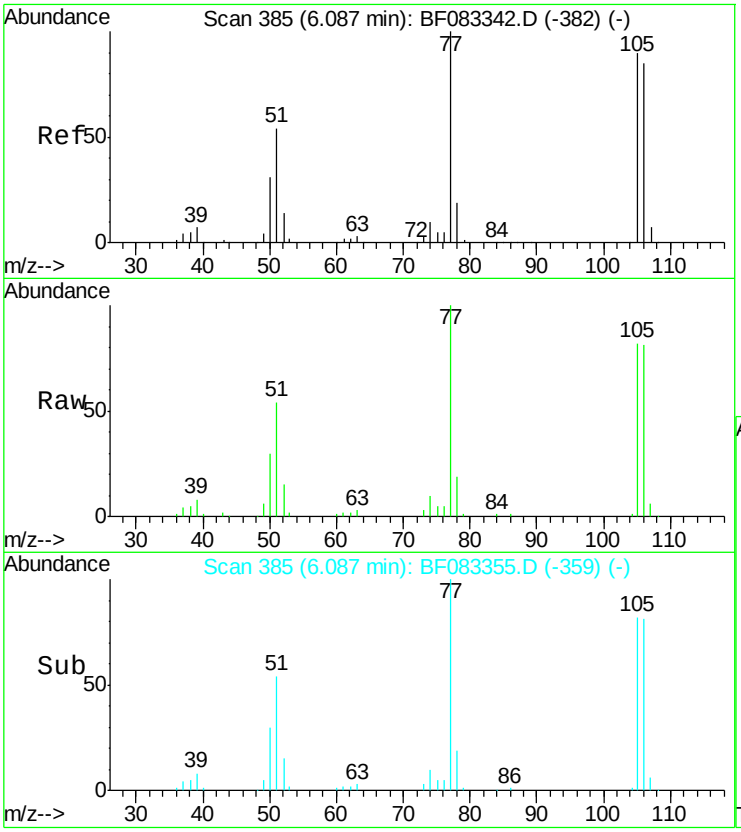


#8
2-Chlorophenol
Concen: 33.04 ng
RT: 6.34 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:128 Resp: 398912

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	54.7	36.4	76.4



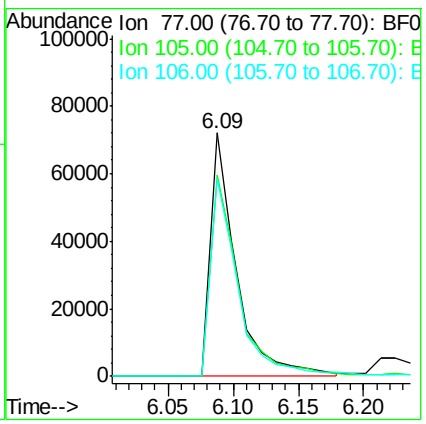


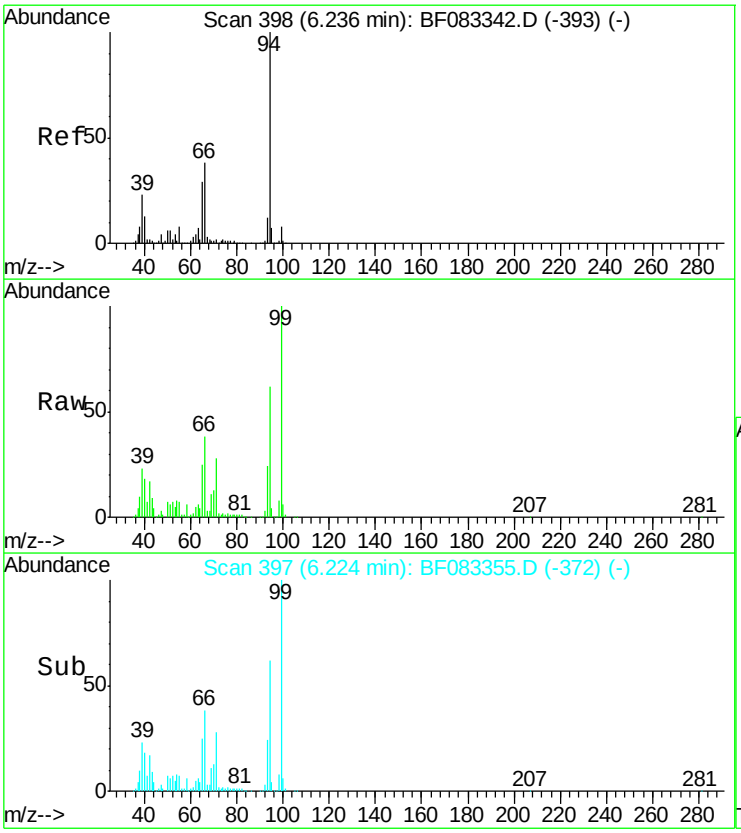
#9
Benzaldehyde
Concen: 11.25 ng
RT: 6.09 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion: 77 Resp: 99786

Ion	Ratio	Lower	Upper
77	100		
105	82.5	70.0	110.0
106	81.4	65.0	105.0

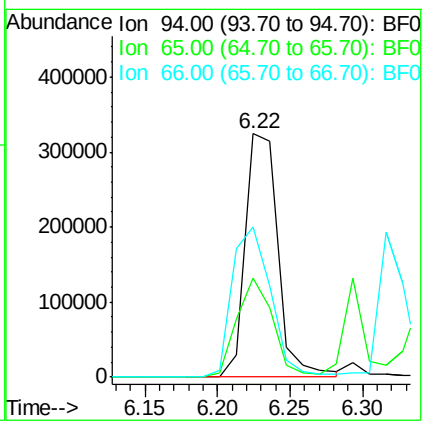


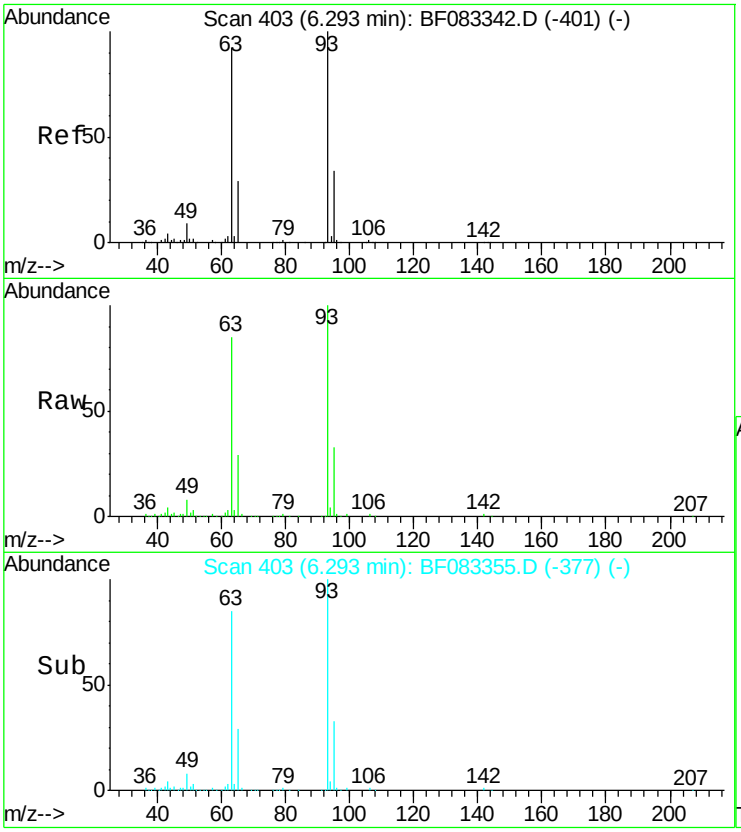


#10
Phenol
Concen: 28.26 ng
RT: 6.22 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion: 94 Resp: 509436

Ion	Ratio	Lower	Upper
94	100		
65	40.5	9.5	49.5
66	61.7	17.9	57.9#



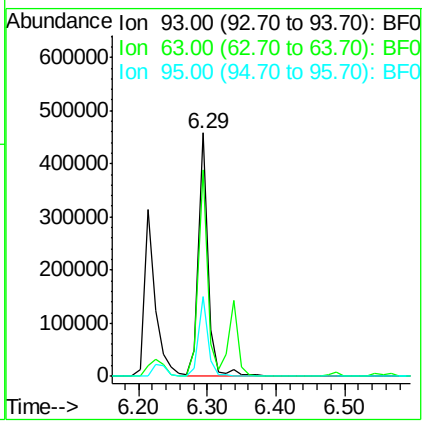


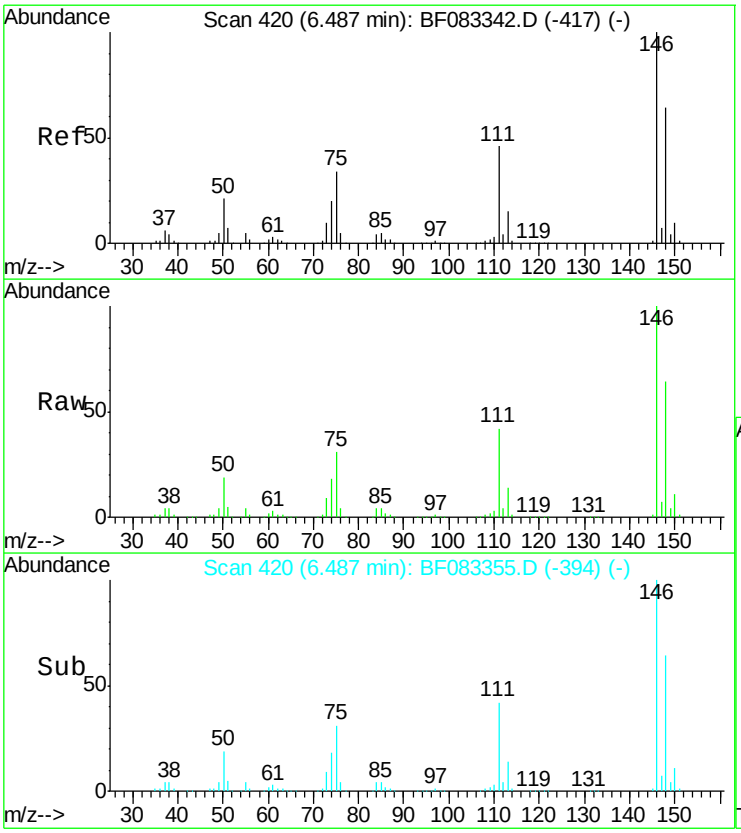
#11
bis(2-Chloroethyl)ether
Concen: 33.16 ng
RT: 6.29 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion: 93 Resp: 434943

Ion	Ratio	Lower	Upper
93	100		
63	85.0	71.4	111.4
95	32.5	13.4	53.4

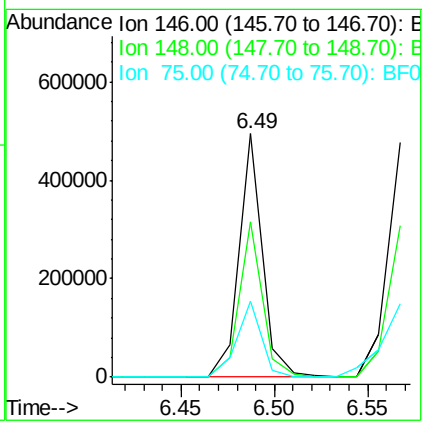


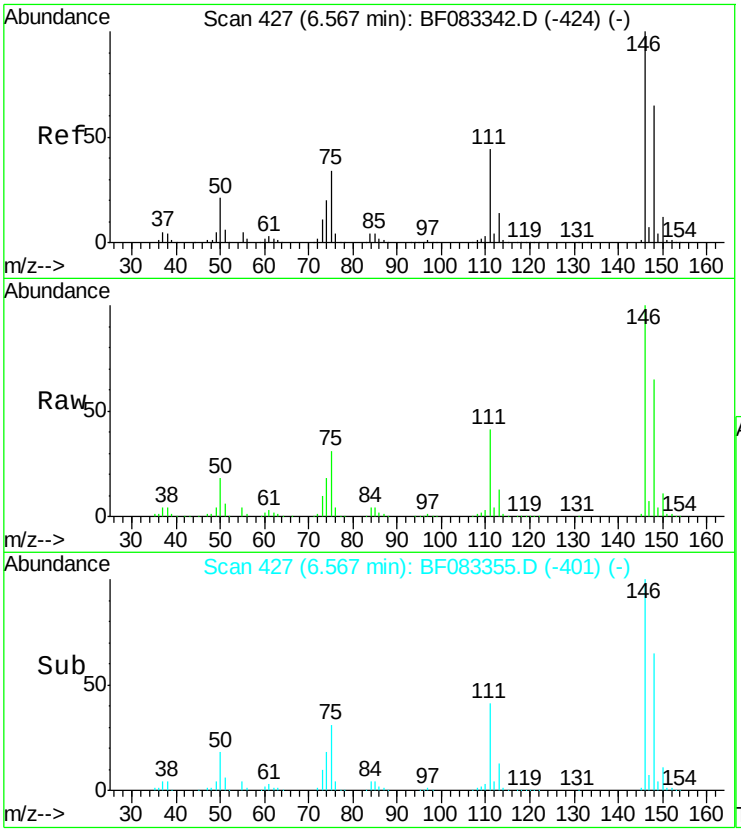


#12
1,3-Dichlorobenzene
Concen: 32.23 ng
RT: 6.49 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:146 Resp: 432577

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
75	31.0	27.5	41.3



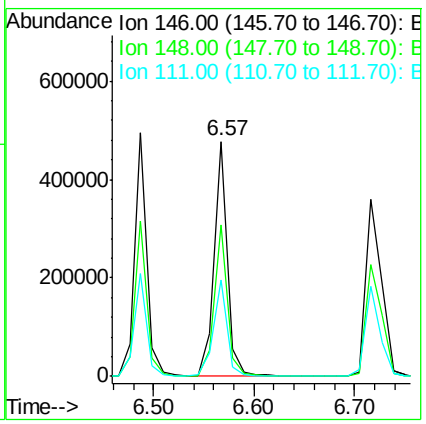


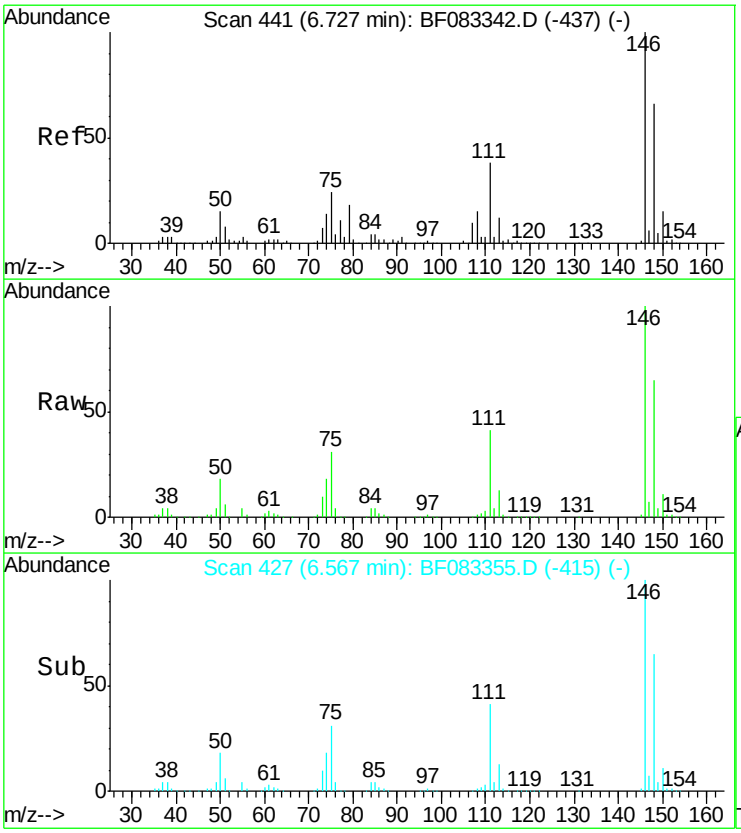
#13
1,4-Dichlorobenzene
Concen: 31.64 ng
RT: 6.57 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:146 Resp: 438920

Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.1	78.1
111	41.1	35.4	53.0

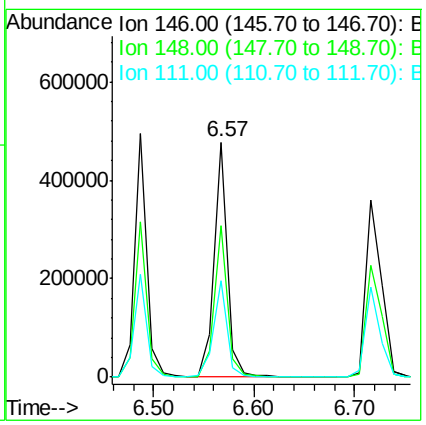


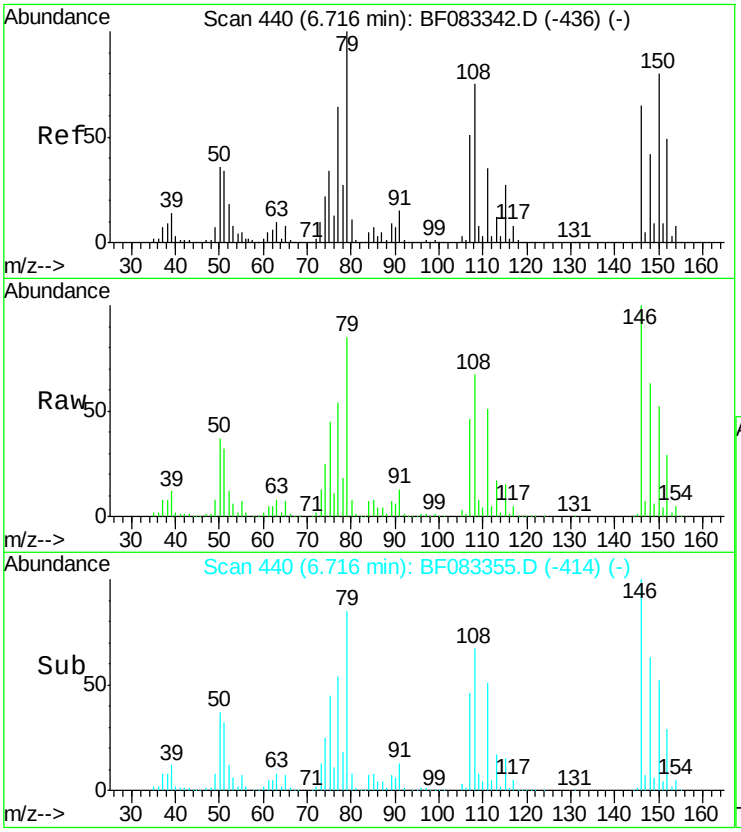


#14
1,2-Dichlorobenzene
Concen: 34.48 ng
RT: 6.57 min Scan# 427
Delta R.T. -0.16 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:146 Resp: 438920

Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.5	78.7
111	41.1	30.6	46.0



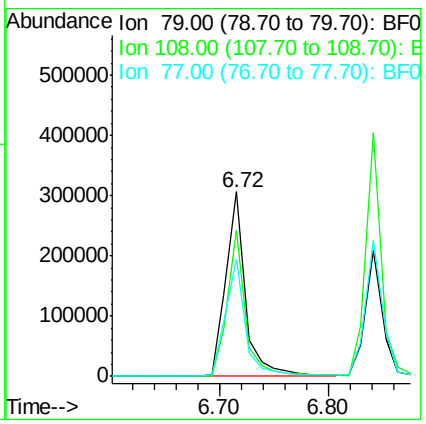


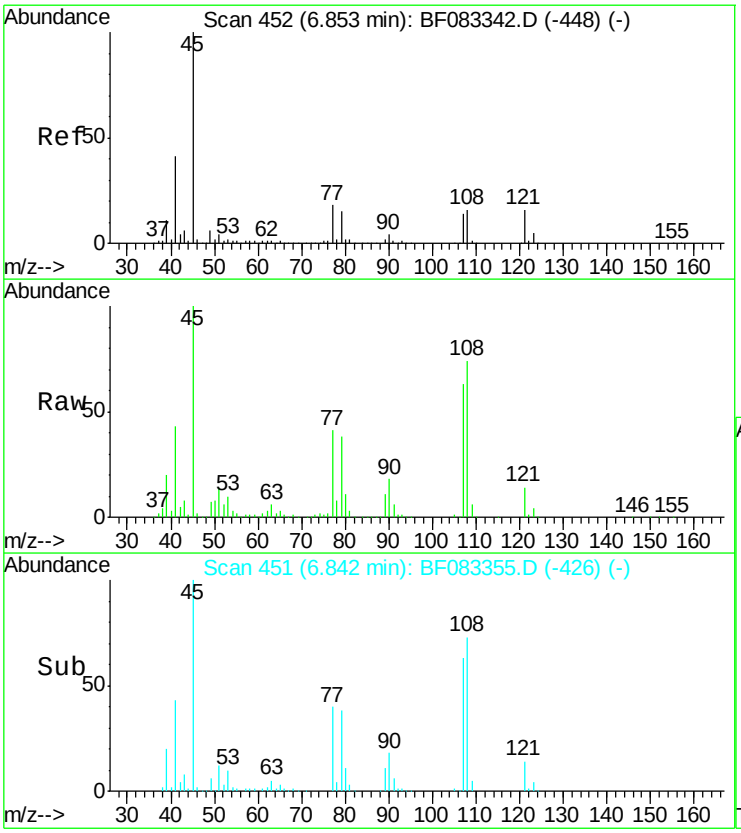
#15
Benzyl Alcohol
Concen: 33.50 ng
RT: 6.72 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion: 79 Resp: 387898

Ion	Ratio	Lower	Upper
79	100		
108	79.3	59.9	89.9
77	63.4	51.0	76.6

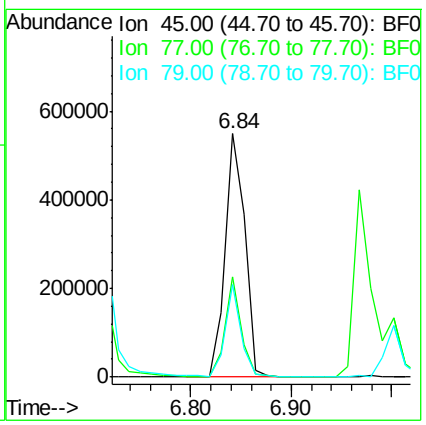


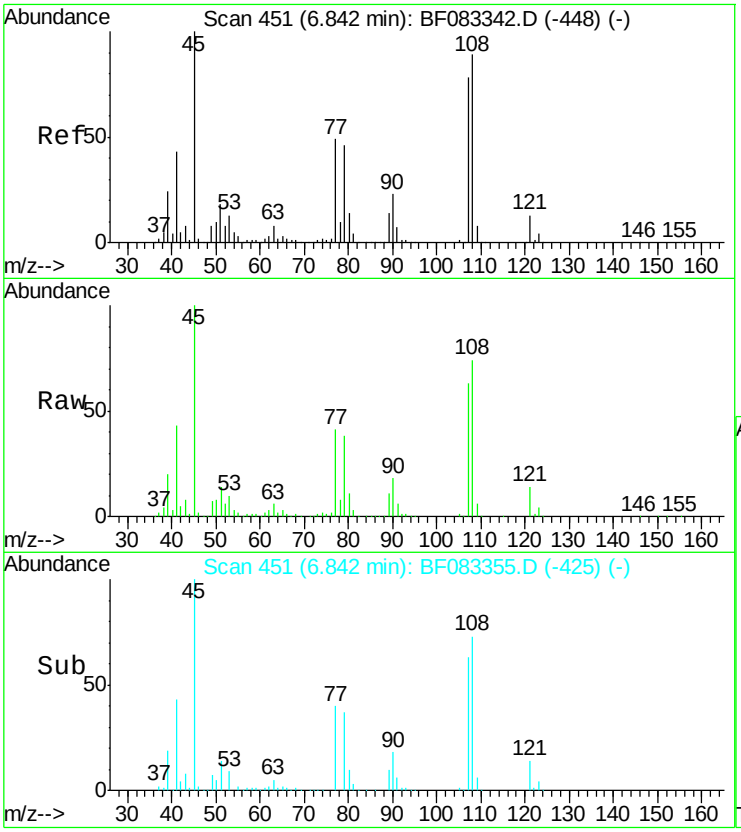


#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.44 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion: 45 Resp: 746486

Ion	Ratio	Lower	Upper
45	100		
77	41.0	0.0	38.3#
79	37.9	0.0	35.4#



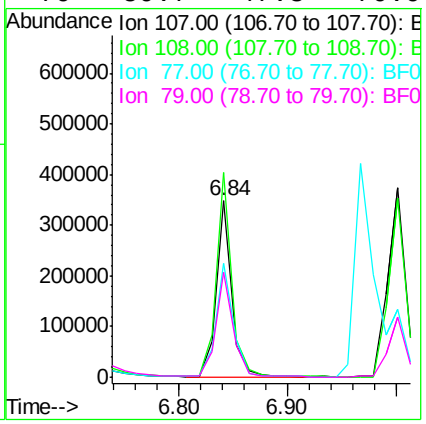


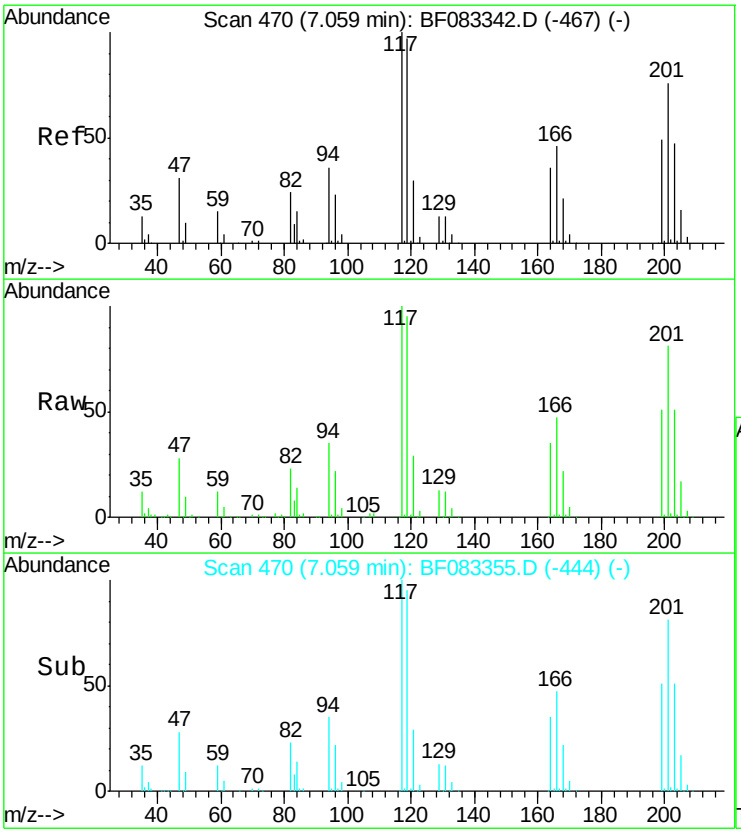
#17
2-Methylphenol
Concen: 34.25 ng
RT: 6.84 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:107 Resp: 344732

Ion	Ratio	Lower	Upper
107	100		
108	116.0	91.6	137.4
77	64.6	49.9	74.9
79	59.7	47.3	70.9

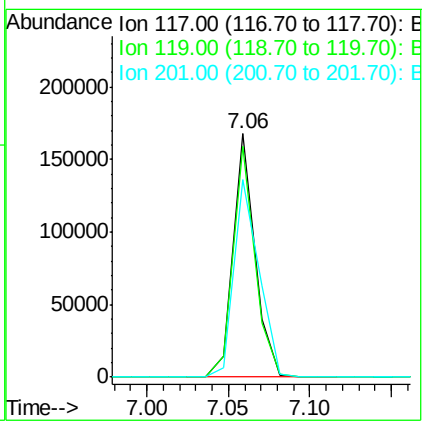


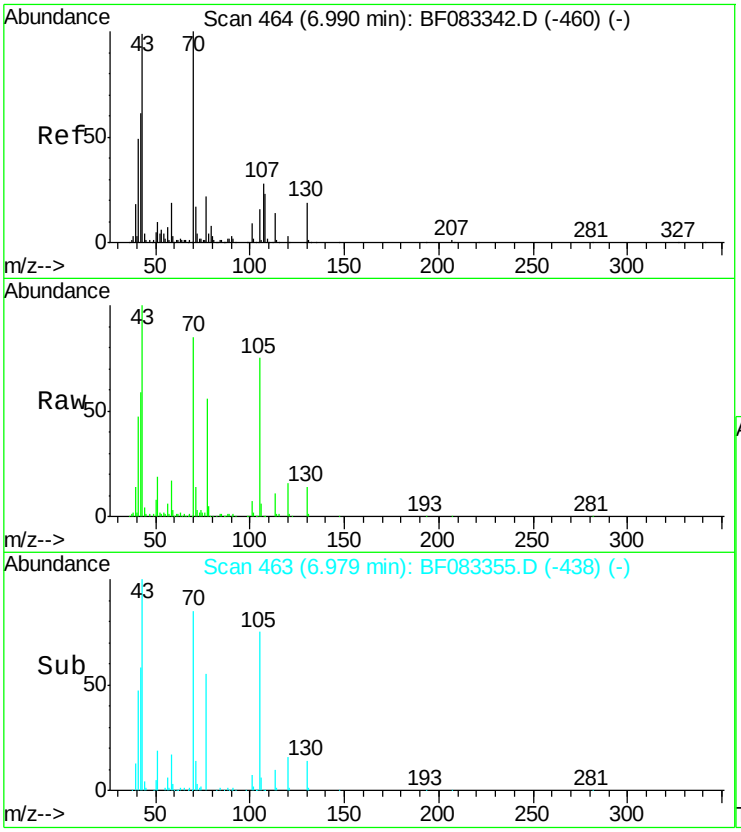


#18
Hexachloroethane
Concen: 31.91 ng
RT: 7.06 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:117 Resp: 153756

Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.3	115.9
201	81.1	60.6	90.8



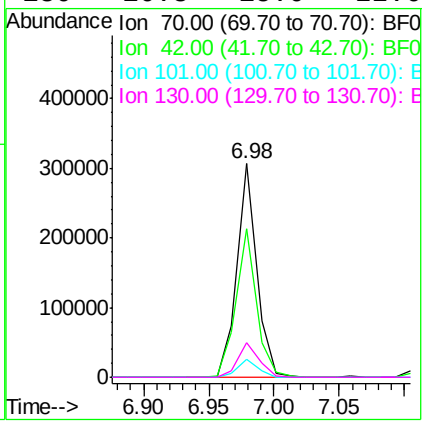


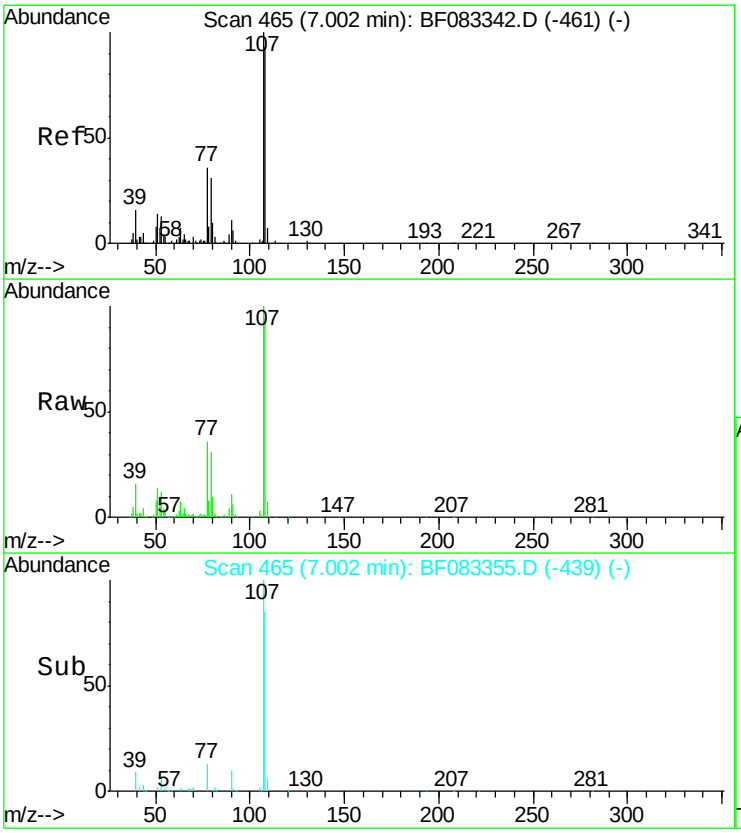
#19
n-Nitroso-di-n-propylamine
Concen: 30.16 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion: 70 Resp: 323054

Ion	Ratio	Lower	Upper
70	100		
42	69.5	48.8	73.2
101	8.3	7.1	10.7
130	16.3	15.0	22.6

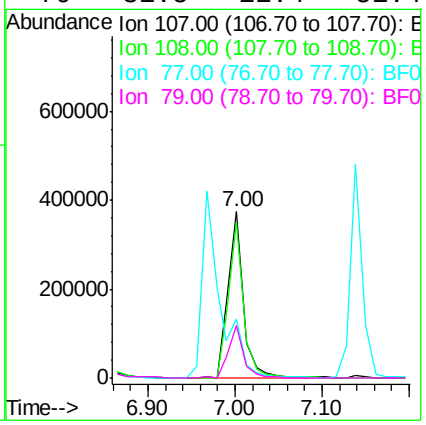


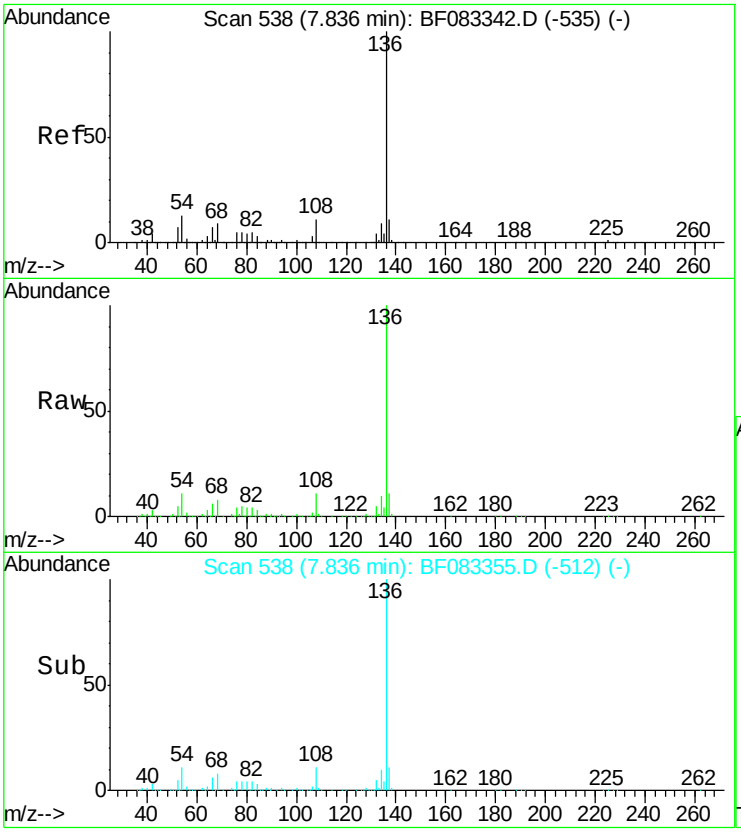


#20
3+4-Methylphenols
Concen: 33.48 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:107 Resp: 456471

Ion	Ratio	Lower	Upper
107	100		
108	94.3	73.0	113.0
77	35.7	16.8	56.8
79	31.5	11.4	51.4



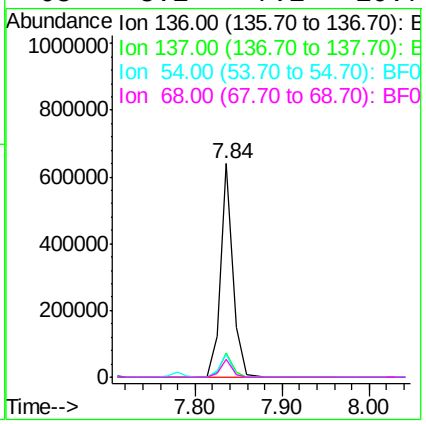


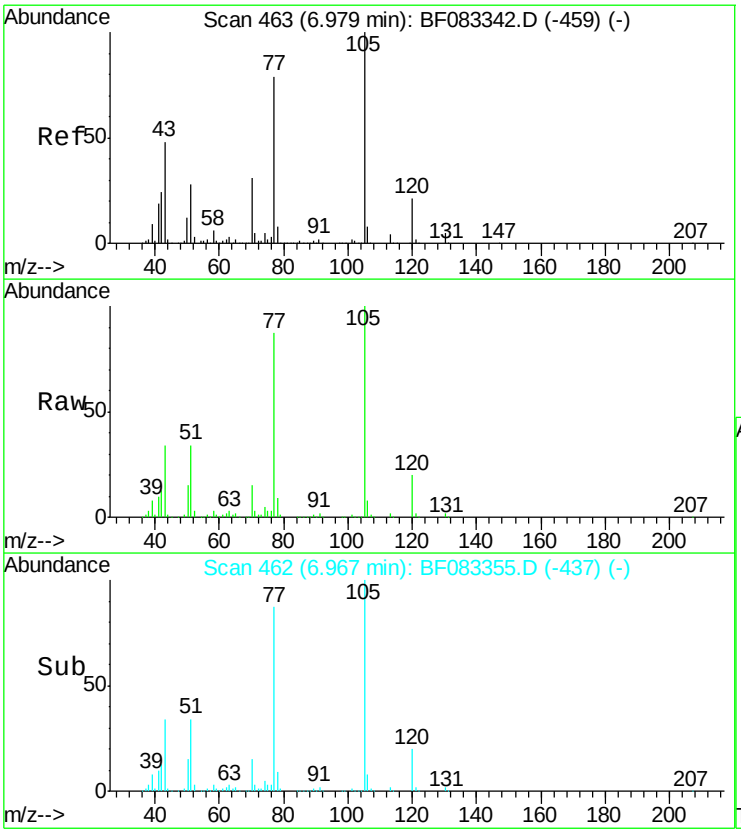
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:136 Resp: 635984

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	11.1	10.1	15.1
68	8.1	7.1	10.7

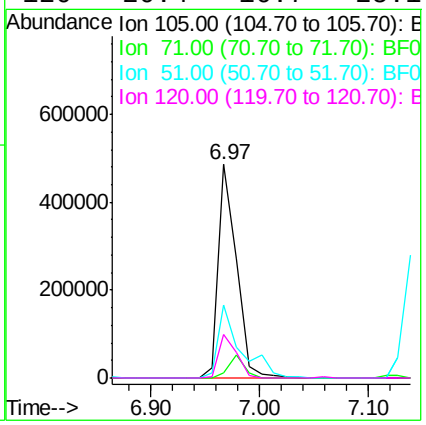


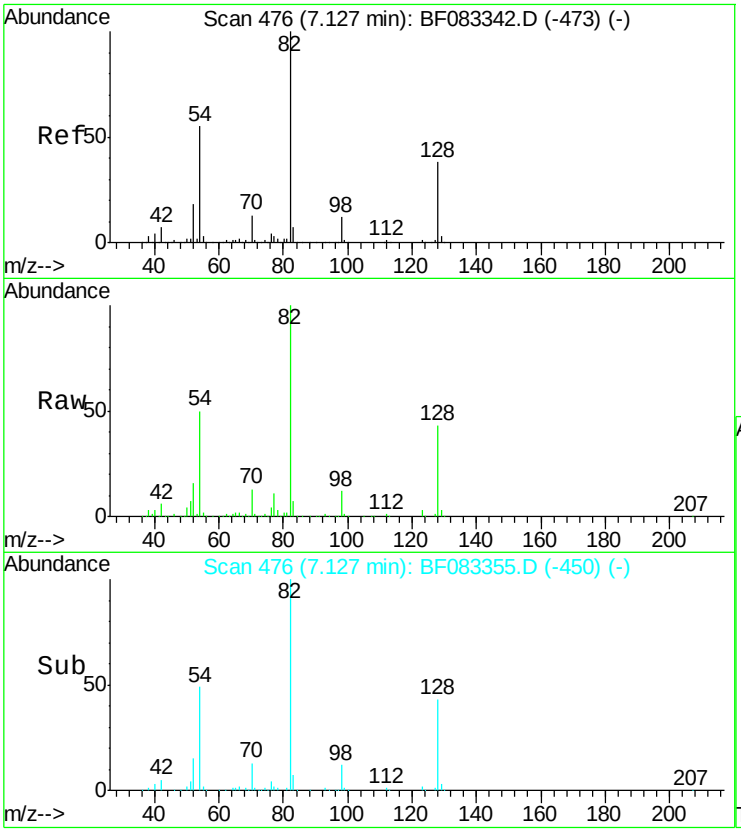


#22
Acetophenone
Concen: 29.81 ng
RT: 6.97 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:105 Resp: 567225

Ion	Ratio	Lower	Upper
105	100		
71	2.7	4.3	6.5#
51	34.4	22.9	34.3#
120	20.4	16.7	25.1



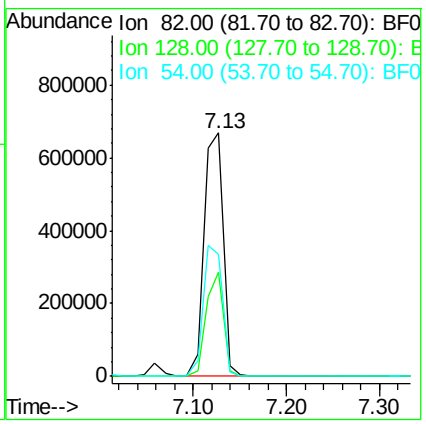


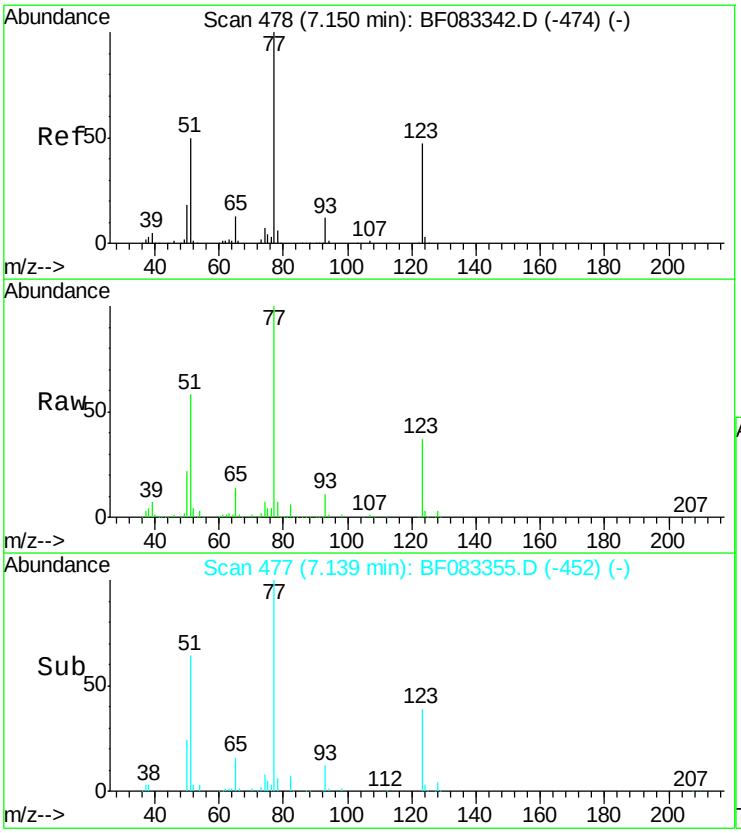
#23
Nitrobenzene-d5
Concen: 66.31 ng
RT: 7.13 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion: 82 Resp: 959355

Ion	Ratio	Lower	Upper
82	100		
128	42.9	30.6	46.0
54	50.0	43.8	65.6

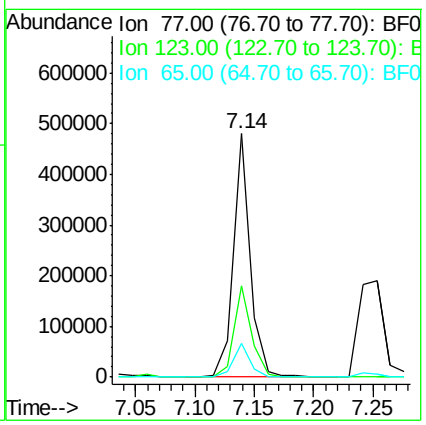


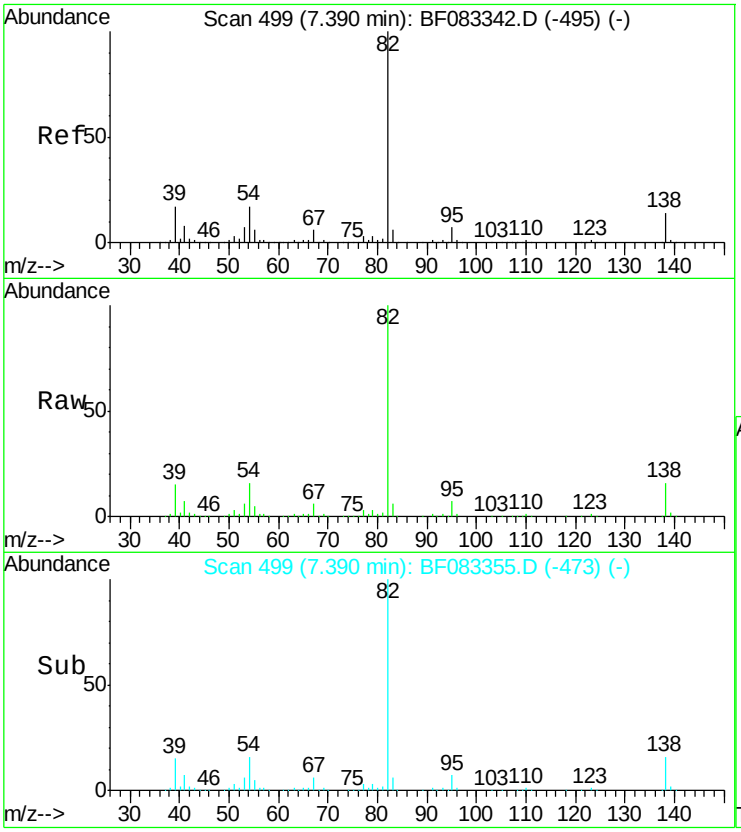


#24
Nitrobenzene
Concen: 30.15 ng
RT: 7.14 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion: 77 Resp: 465857

Ion	Ratio	Lower	Upper
77	100		
123	37.4	37.4	56.0
65	14.1	10.6	15.8



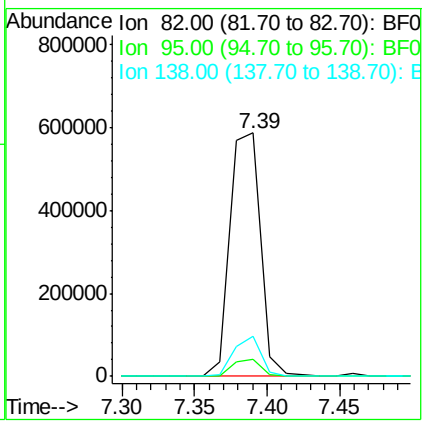


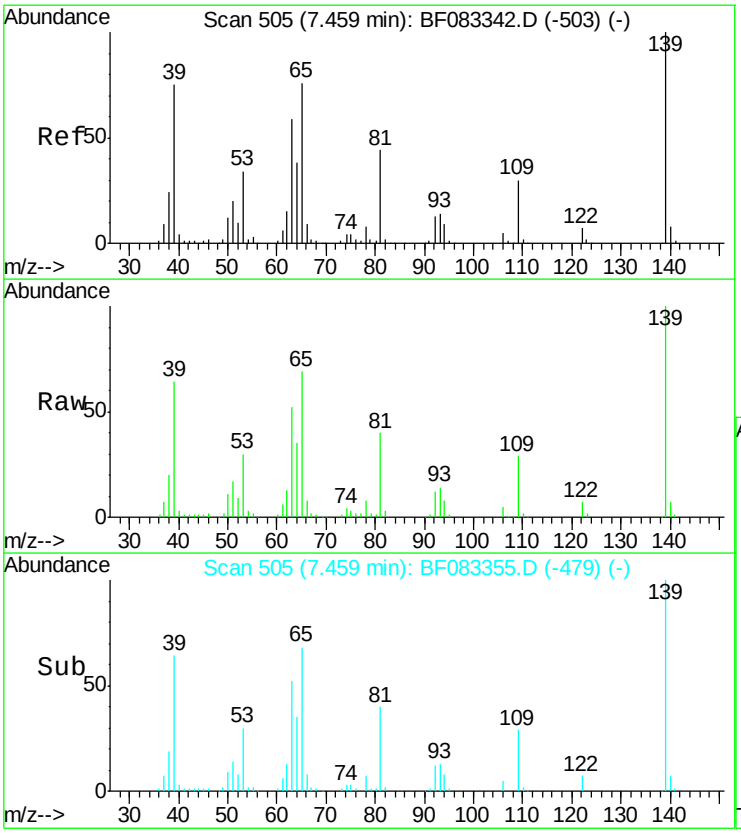
#25
Isophorone
Concen: 30.64 ng
RT: 7.39 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion: 82 Resp: 858788

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.3	7.9
138	16.2	11.6	17.4

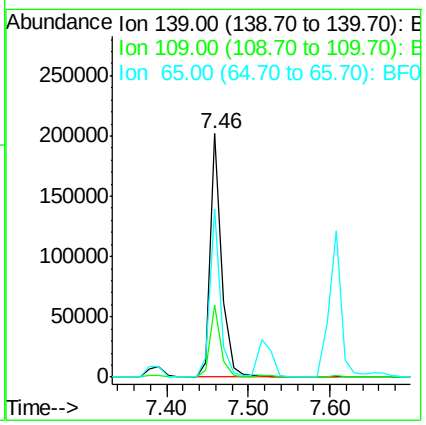


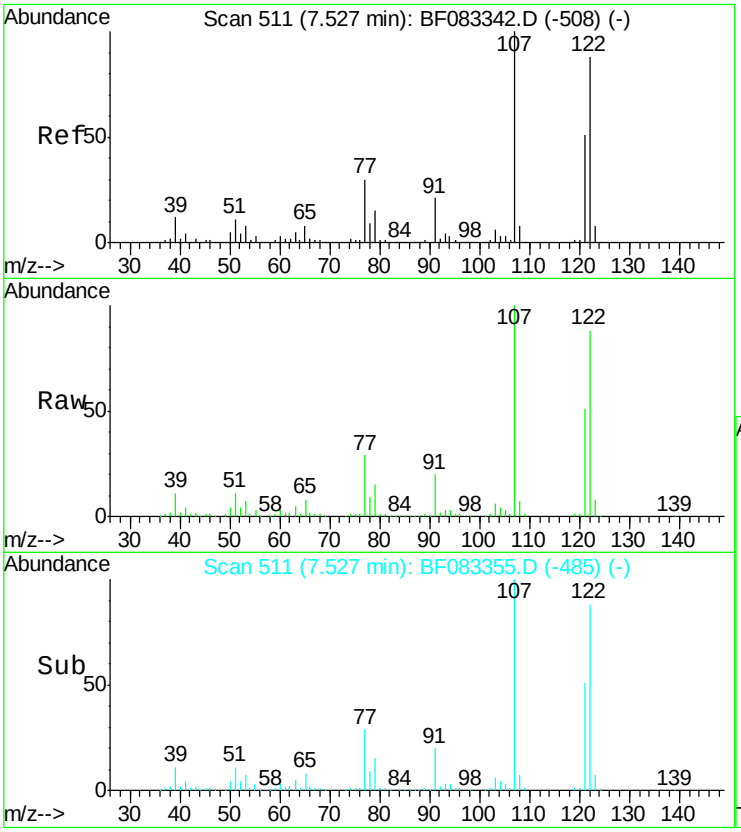


#26
2-Nitrophenol
Concen: 31.78 ng
RT: 7.46 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:139 Resp: 200445

Ion	Ratio	Lower	Upper
139	100		
109	29.4	24.2	36.4
65	69.2	61.0	91.6



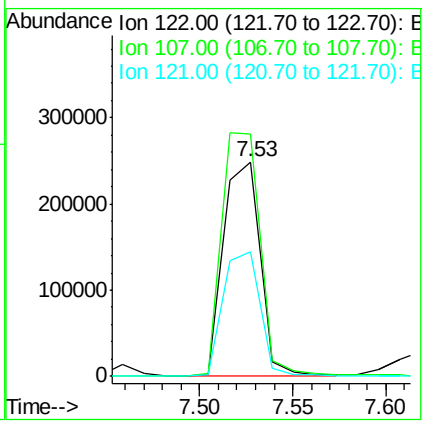


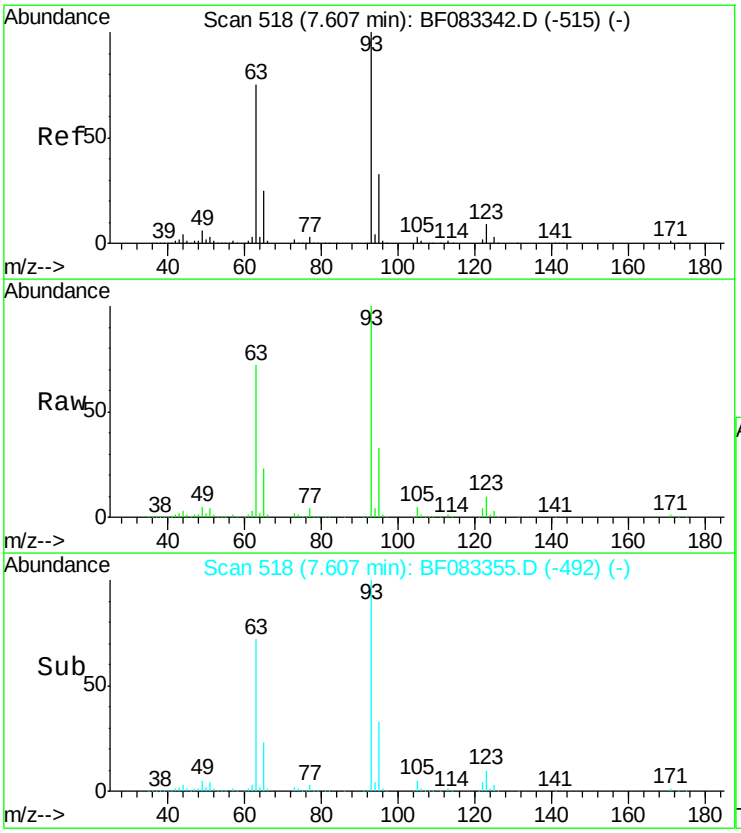
#27
2,4-Dimethylphenol
Concen: 32.79 ng
RT: 7.53 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:122 Resp: 346669

Ion	Ratio	Lower	Upper
122	100		
107	113.2	91.2	136.8
121	57.8	46.4	69.6

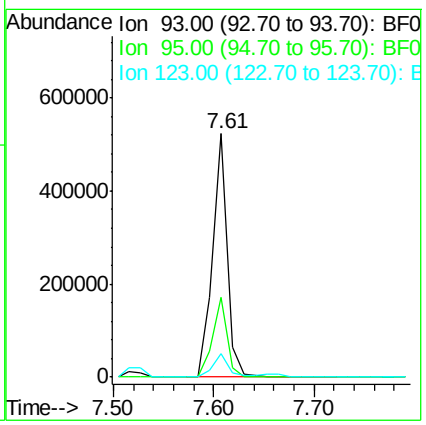


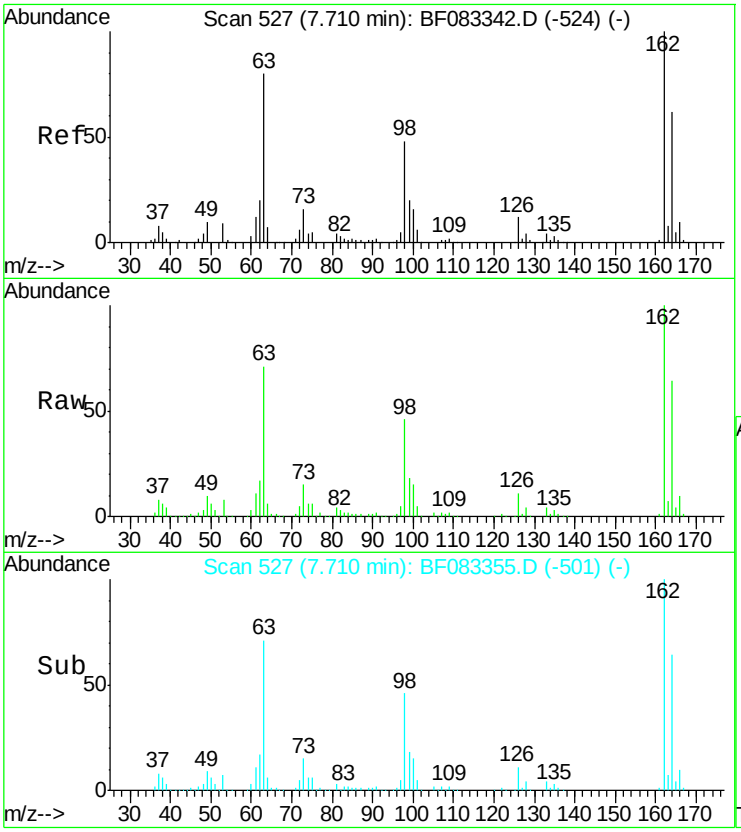


#28
bis(2-Chloroethoxy)methane
Concen: 33.38 ng
RT: 7.61 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion: 93 Resp: 532645

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.1	39.1
123	9.8	7.4	11.0



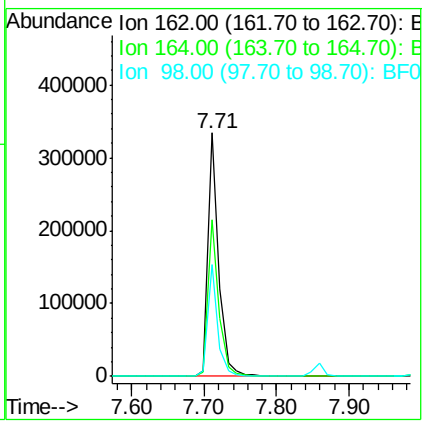


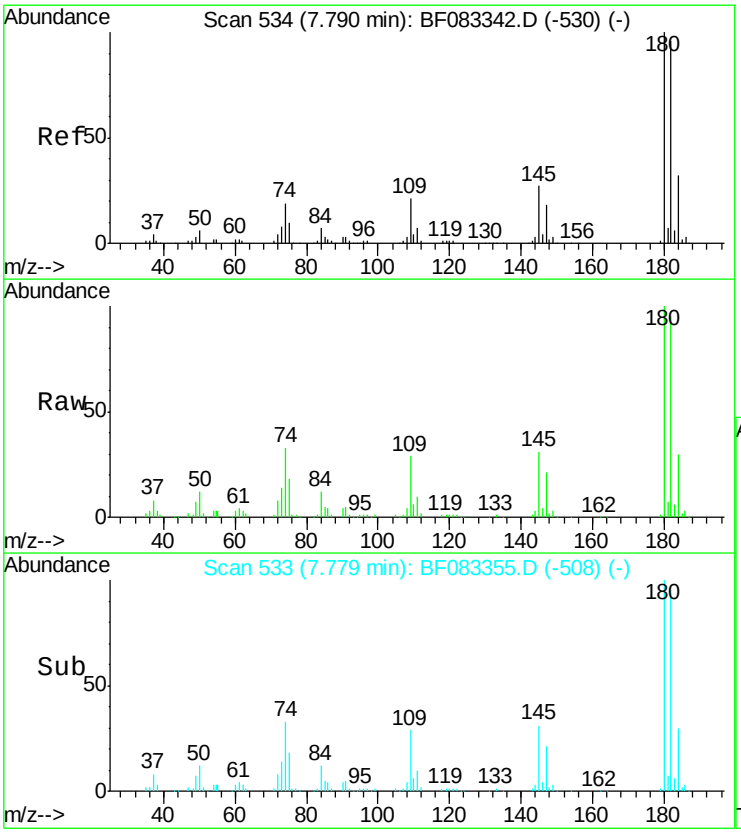
#29
2,4-Dichlorophenol
Concen: 33.60 ng
RT: 7.71 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:162 Resp: 341637

Ion	Ratio	Lower	Upper
162	100		
164	64.2	41.9	81.9
98	45.7	28.1	68.1

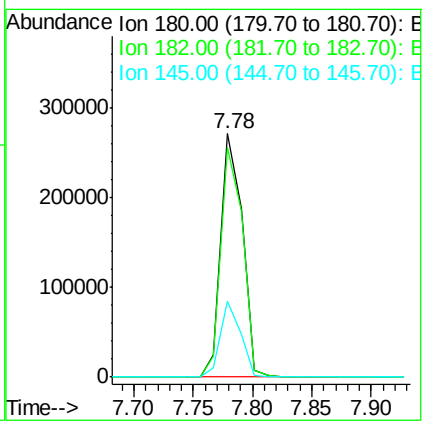


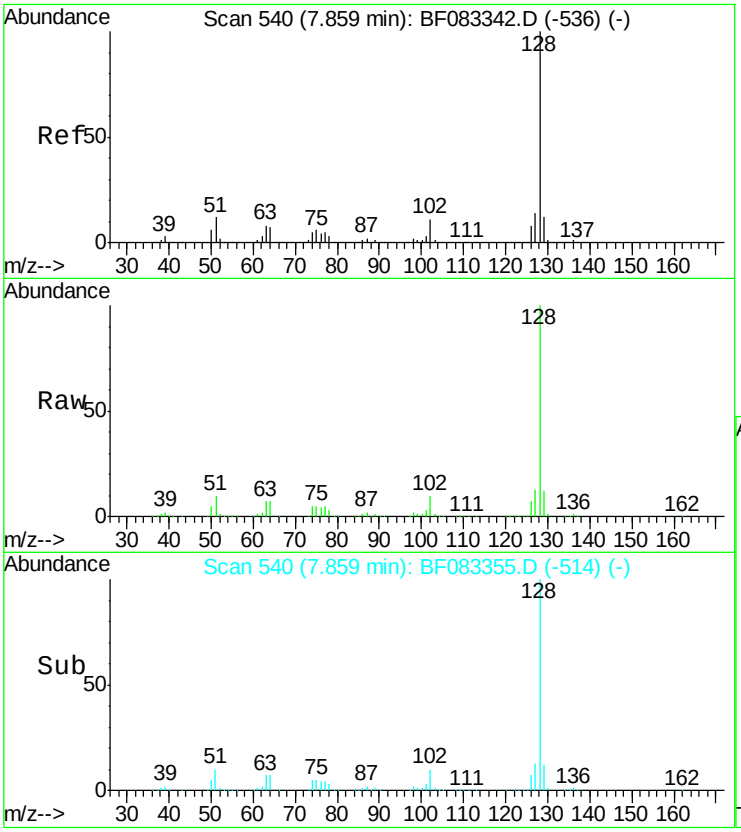


#30
1,2,4-Trichlorobenzene
Concen: 30.64 ng
RT: 7.78 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:180 Resp: 339044

Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.2	115.8
145	31.3	21.4	32.2



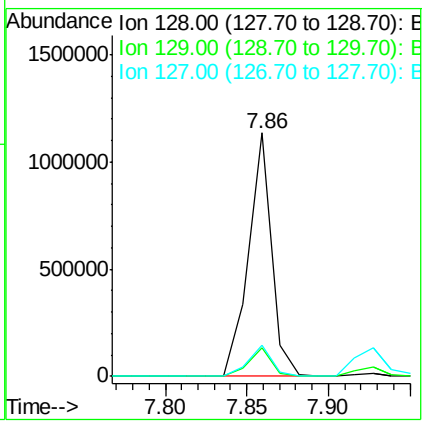


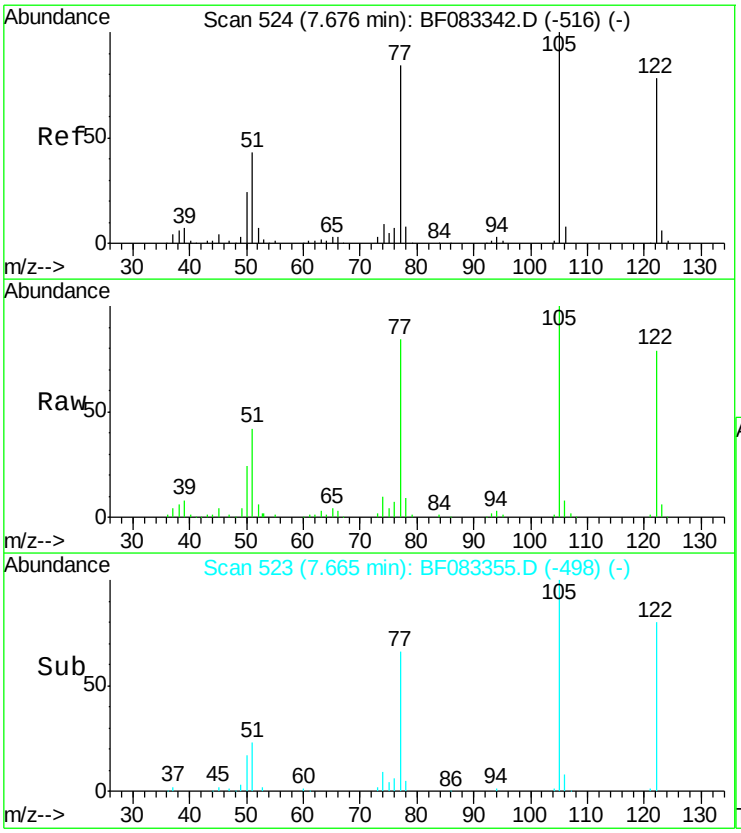
#31
Naphthalene
Concen: 32.60 ng
RT: 7.86 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:128 Resp: 1124849

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.7	14.5
127	13.1	11.0	16.4

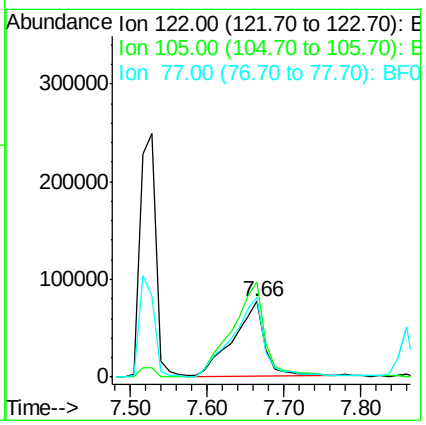


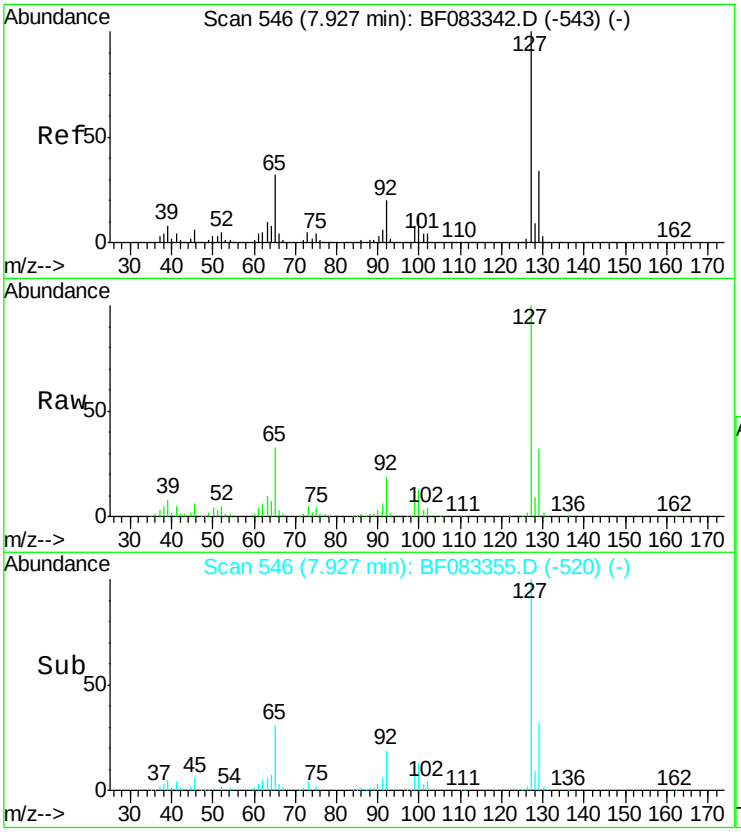


#32
Benzoic acid
Concen: 30.02 ng
RT: 7.66 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:122 Resp: 218918

Ion	Ratio	Lower	Upper
122	100		
105	126.2	106.0	146.0
77	105.4	86.3	126.3



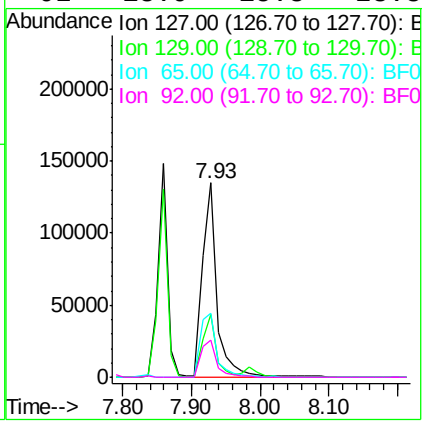


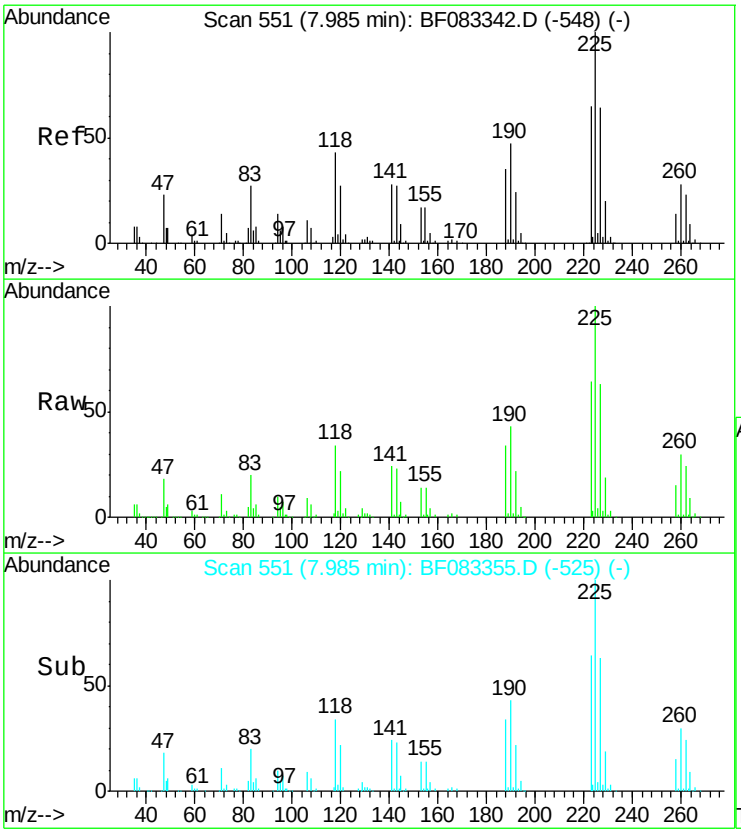
#33
4-Chloroaniline
Concen: 13.23 ng
RT: 7.93 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:127 Resp: 196854

Ion	Ratio	Lower	Upper
127	100		
129	32.2	27.0	40.4
65	32.8	25.9	38.9
92	18.9	15.8	23.8

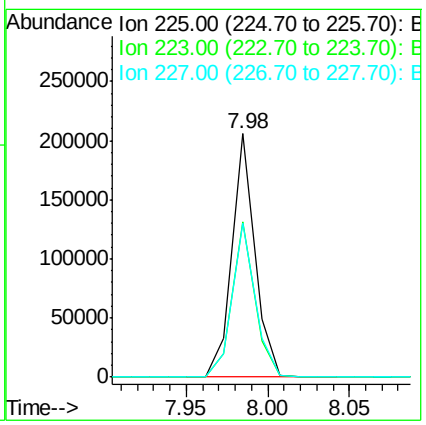


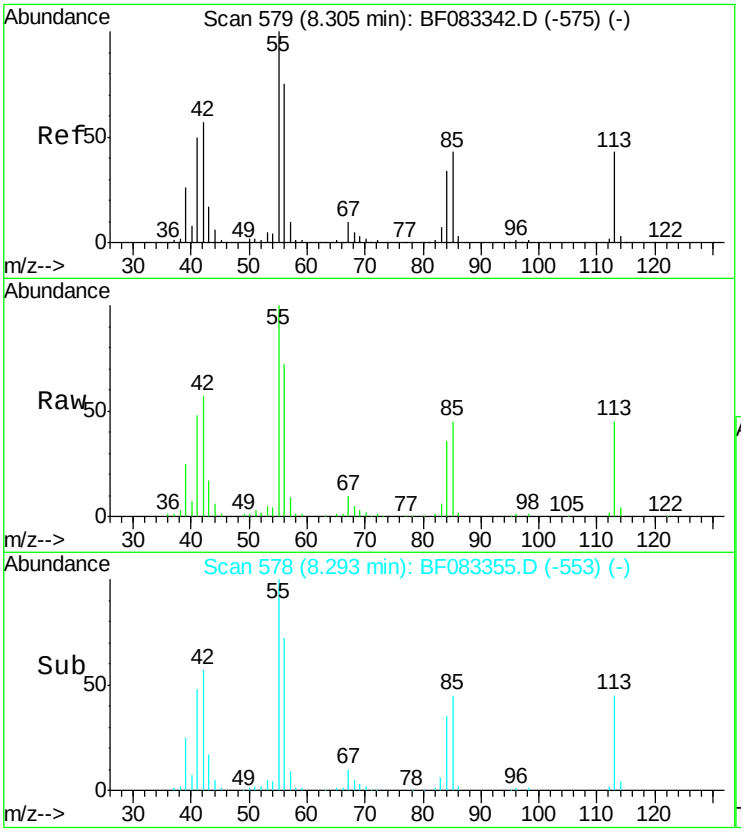


#34
Hexachlorobutadiene
Concen: 31.64 ng
RT: 7.98 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:225 Resp: 198819

Ion	Ratio	Lower	Upper
225	100		
223	63.9	52.0	78.0
227	63.3	51.1	76.7



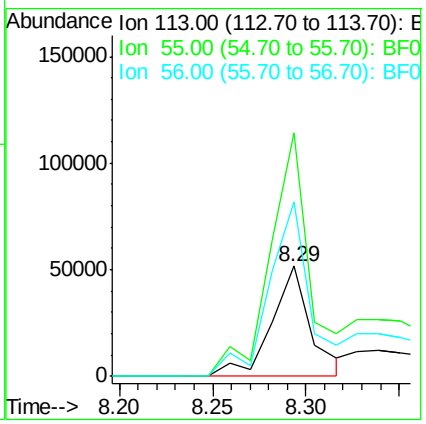


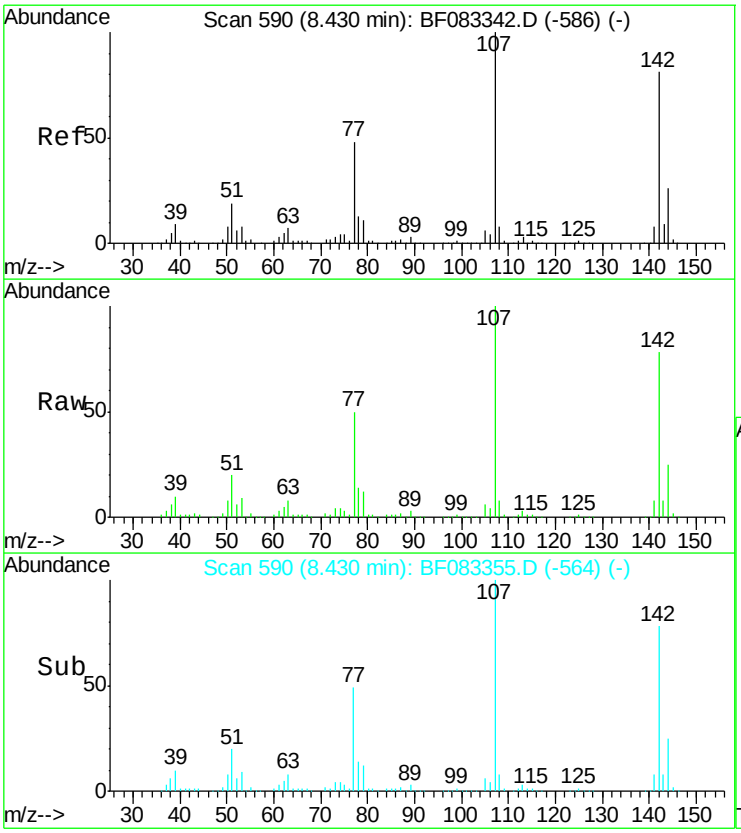
#35
Caprolactam
Concen: 23.27 ng
RT: 8.29 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:113 Resp: 74769

Ion	Ratio	Lower	Upper
113	100		
55	221.4	211.6	251.6
56	158.9	153.0	193.0

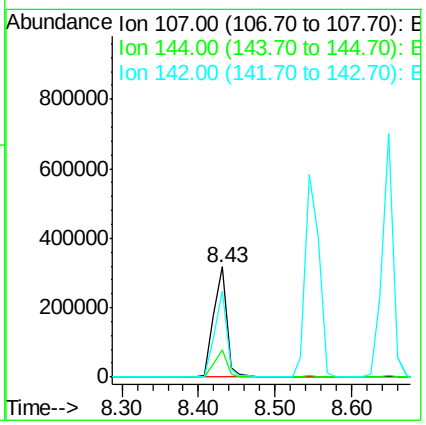


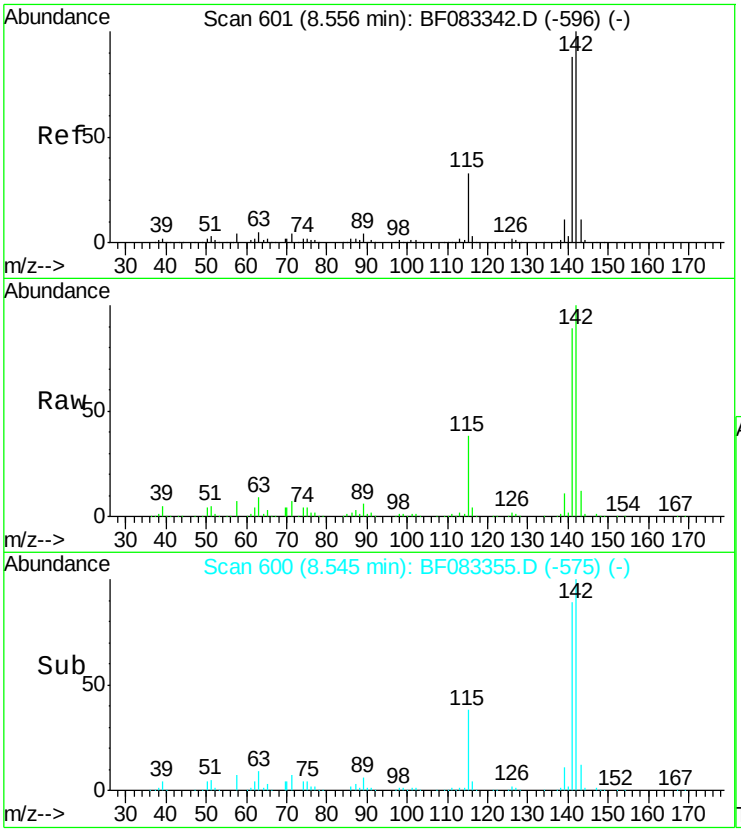


#36
4-Chloro-3-methylphenol
Concen: 33.16 ng
RT: 8.43 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:107 Resp: 378226

Ion	Ratio	Lower	Upper
107	100		
144	24.8	21.1	31.7
142	77.7	65.1	97.7



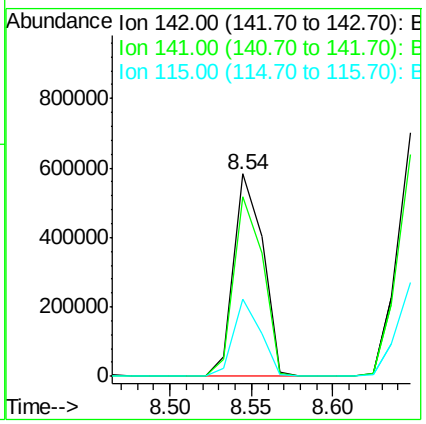


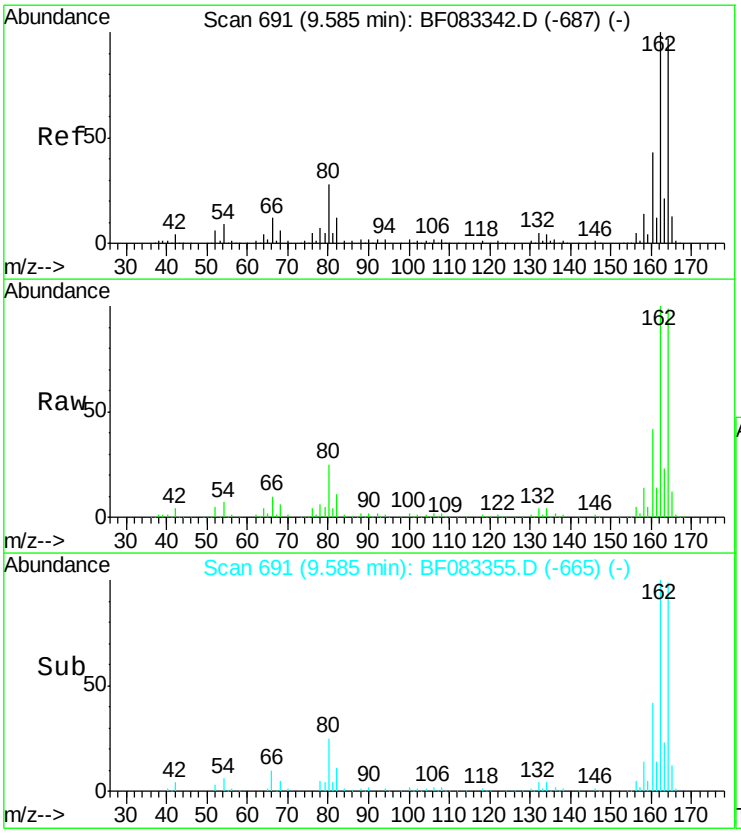
#37
2-Methylnaphthalene
Concen: 31.35 ng
RT: 8.54 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:142 Resp: 722956

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.6	105.8
115	37.9	26.2	39.2

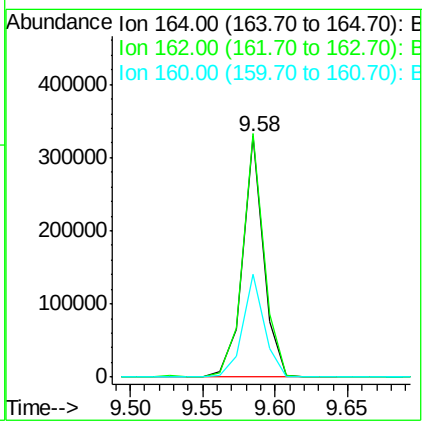


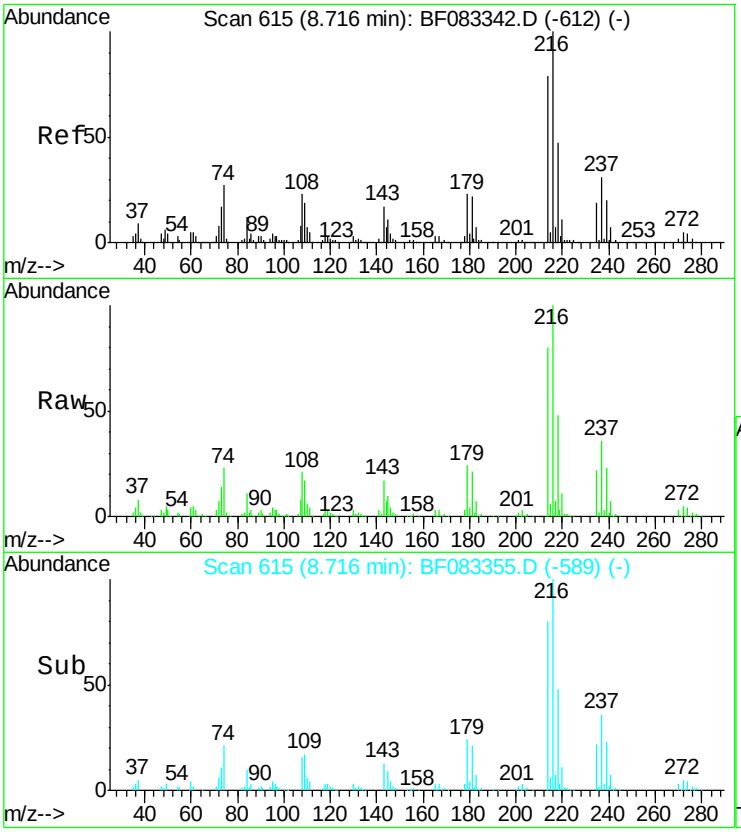


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:164 Resp: 329018

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	43.0	35.3	52.9



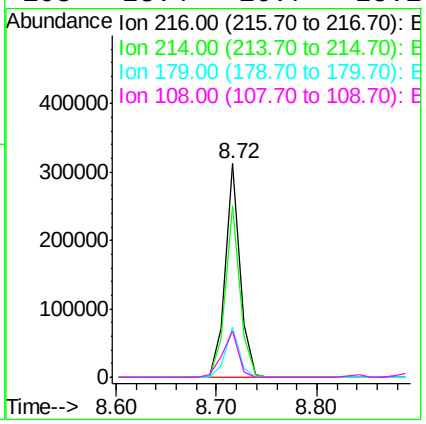


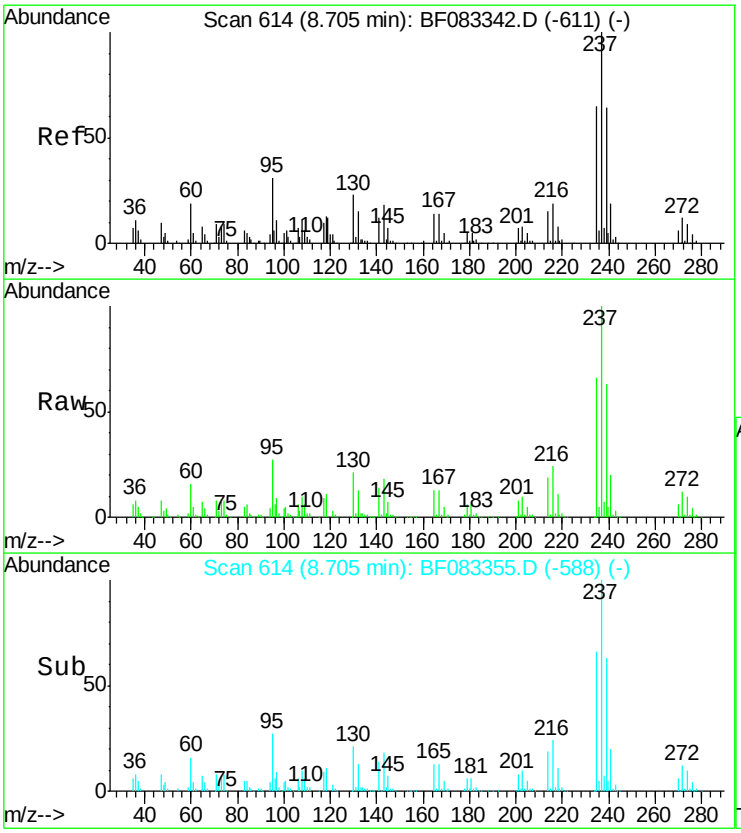
#39
1,2,4,5-Tetrachlorobenzene
Concen: 30.74 ng
RT: 8.72 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:216 Resp: 320564

Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.3	93.5
179	22.3	17.0	25.4
108	23.4	16.7	25.1

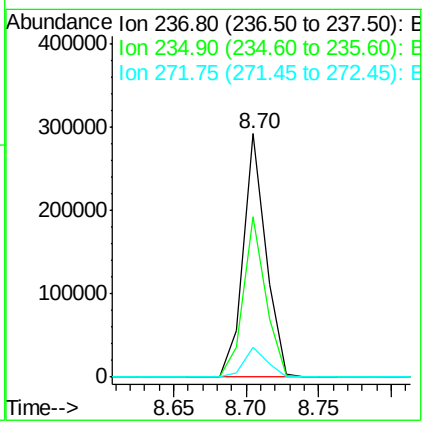


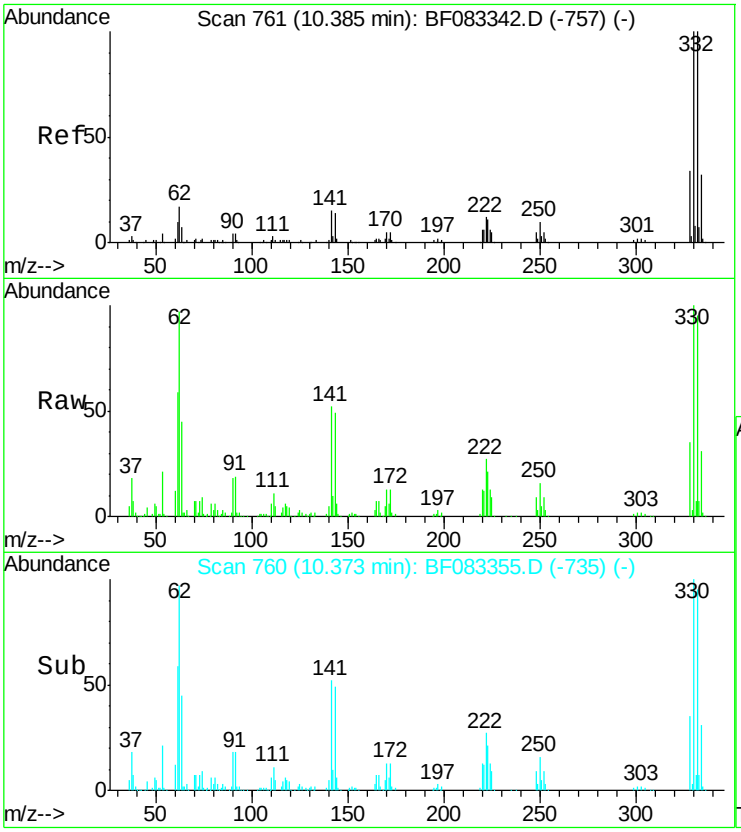


#40
Hexachlorocyclopentadiene
Concen: 63.97 ng
RT: 8.70 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:237 Resp: 316938

Ion	Ratio	Lower	Upper
237	100		
235	65.9	44.5	84.5
272	12.5	0.0	31.6



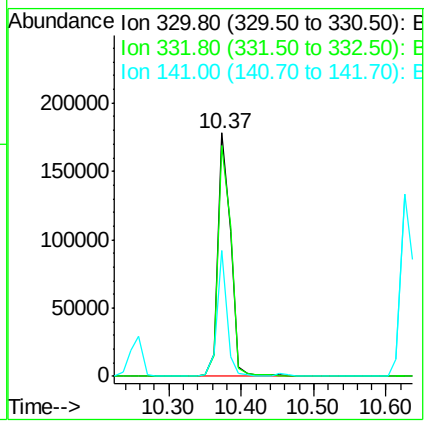


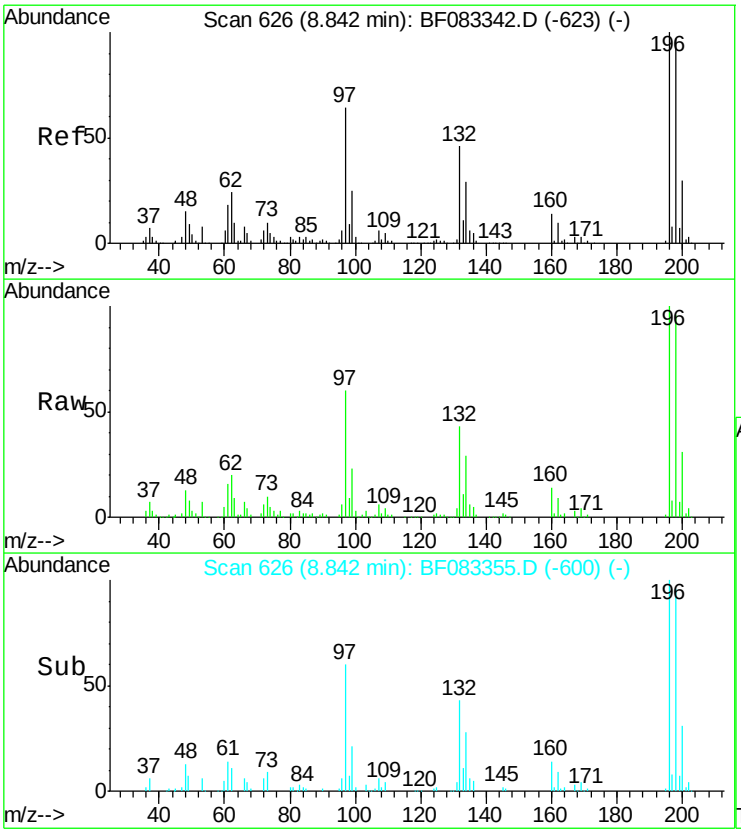
#41
2,4,6-Tribromophenol
Concen: 66.07 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:330 Resp: 218214

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.8	116.6
141	40.0	29.4	44.0

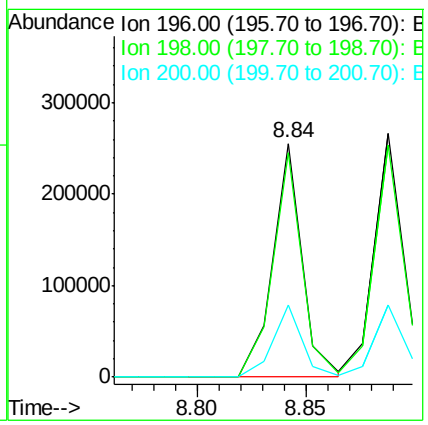


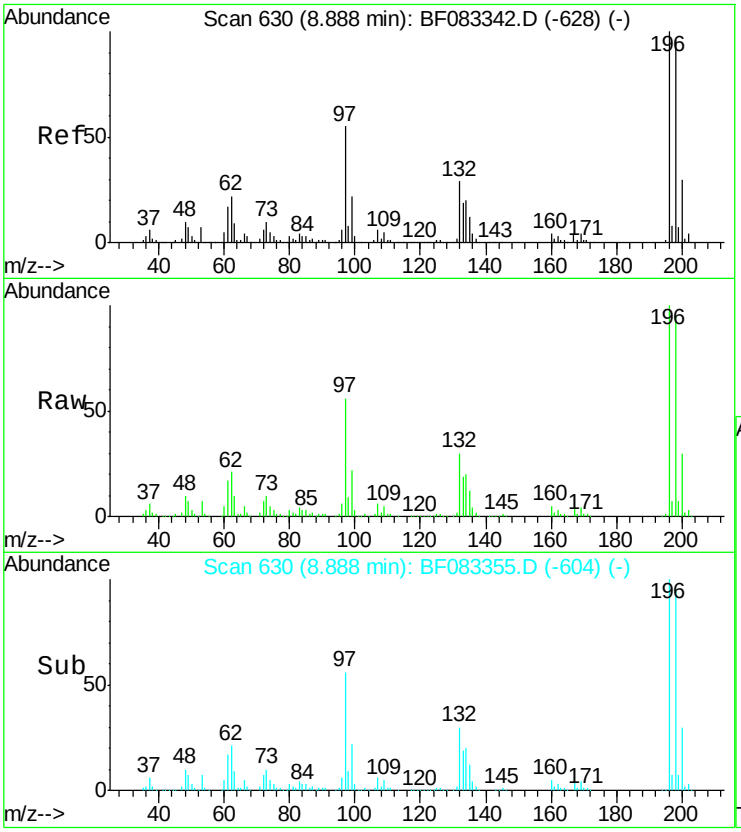


#42
2,4,6-Trichlorophenol
Concen: 33.08 ng
RT: 8.84 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:196 Resp: 242015

Ion	Ratio	Lower	Upper
196	100		
198	95.9	77.2	115.8
200	30.8	24.2	36.4



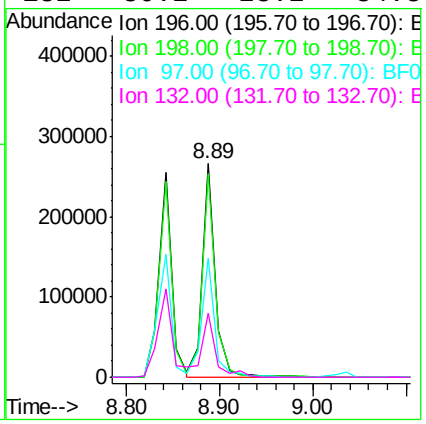


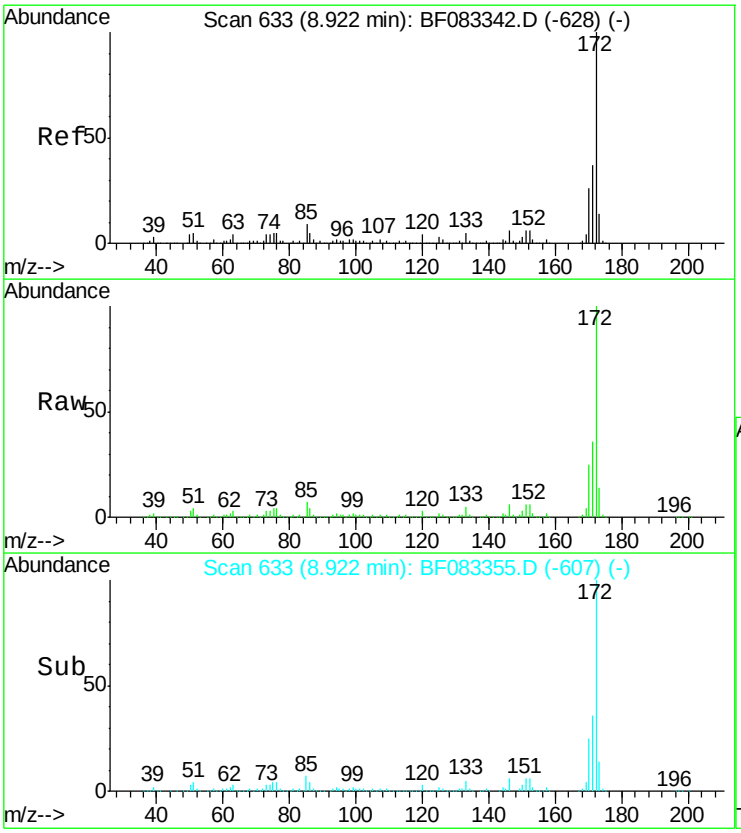
#43
2,4,5-Trichlorophenol
Concen: 34.21 ng
RT: 8.89 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:196 Resp: 259333

Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.2	115.8
97	55.7	44.4	66.6
132	30.2	23.2	34.8

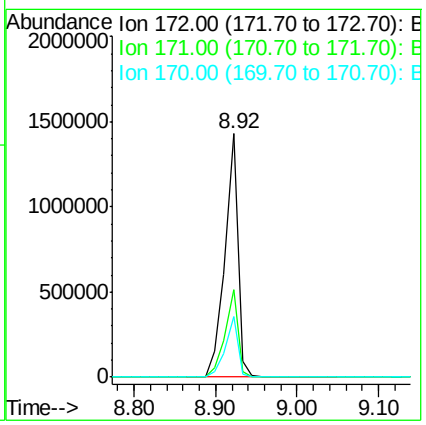


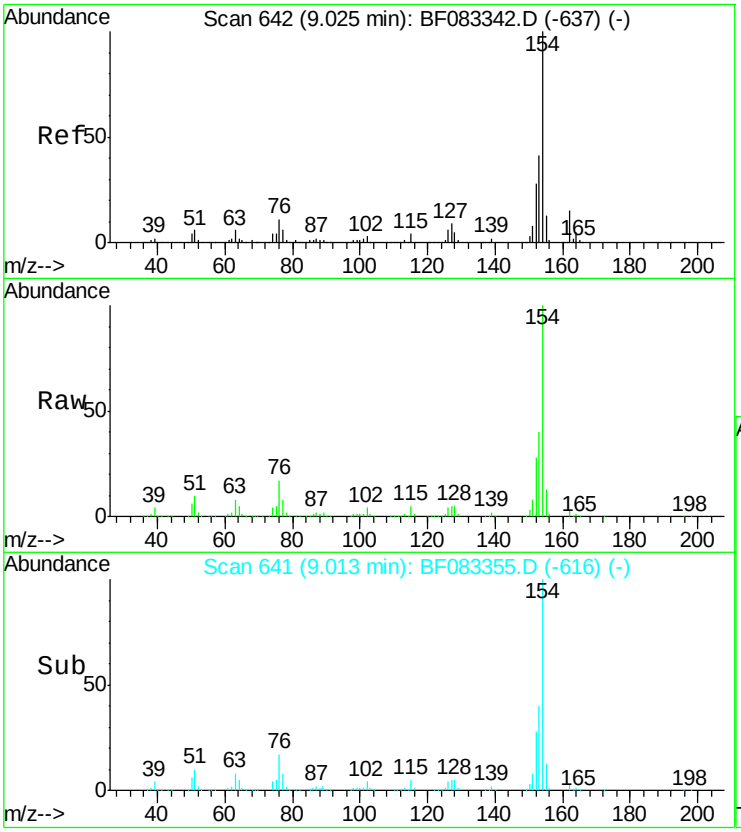


#44
2-Fluorobiphenyl
Concen: 68.09 ng
RT: 8.92 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:172 Resp: 1572018

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	25.1	20.4	30.6



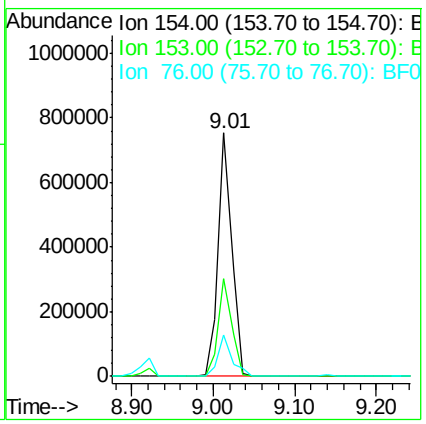


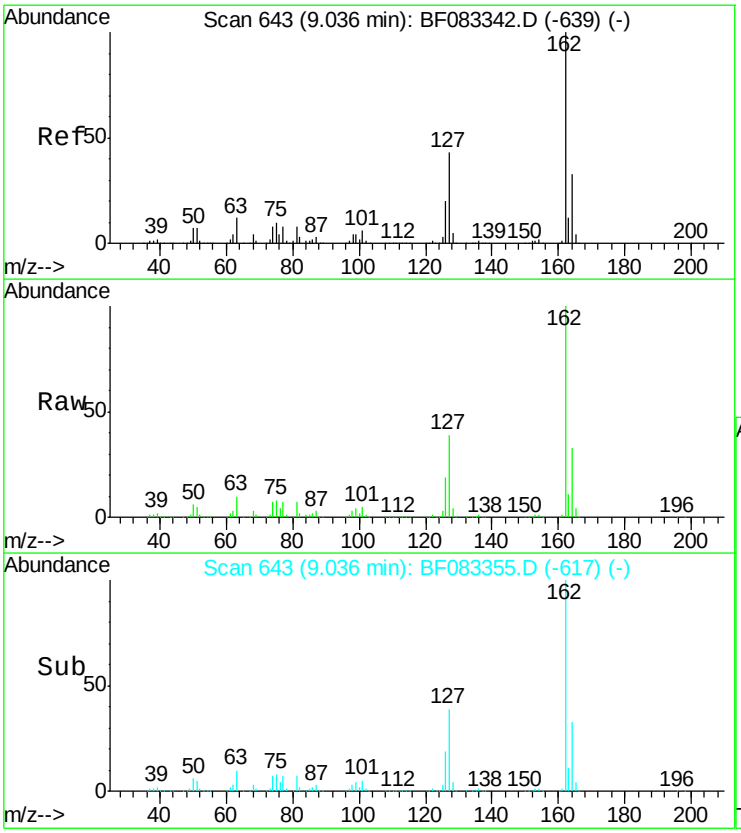
#45
1,1'-Biphenyl
Concen: 30.27 ng
RT: 9.01 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:154 Resp: 873501

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.6	60.6
76	17.2	0.0	30.5

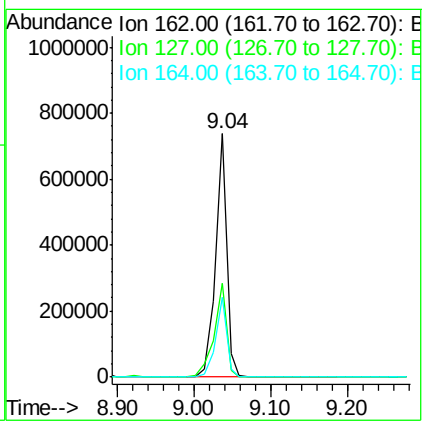


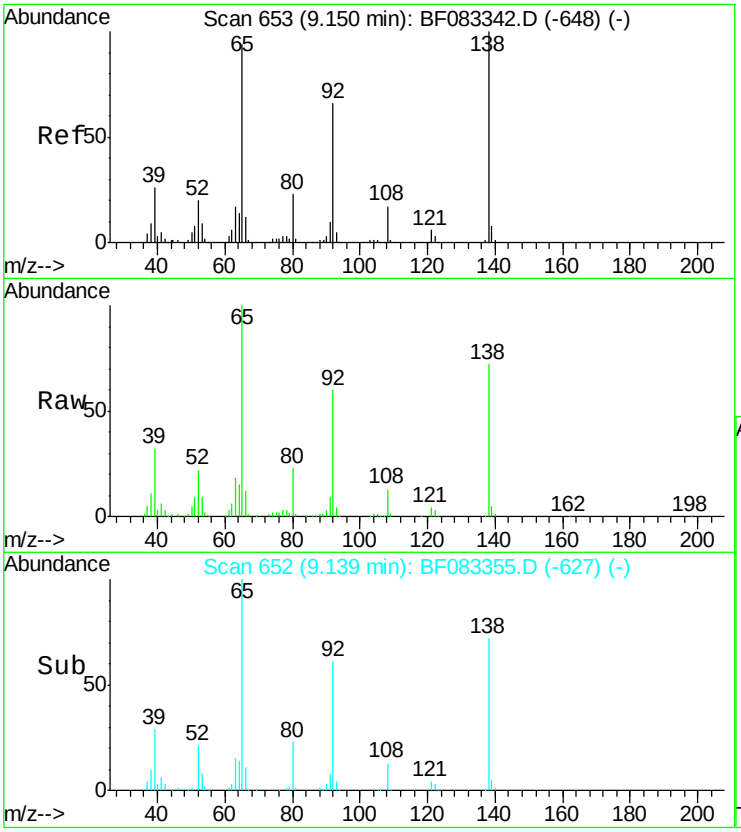


#46
2-Chloronaphthalene
Concen: 33.52 ng
RT: 9.04 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:162 Resp: 736947

Ion	Ratio	Lower	Upper
162	100		
127	38.5	34.1	51.1
164	33.0	26.6	39.8



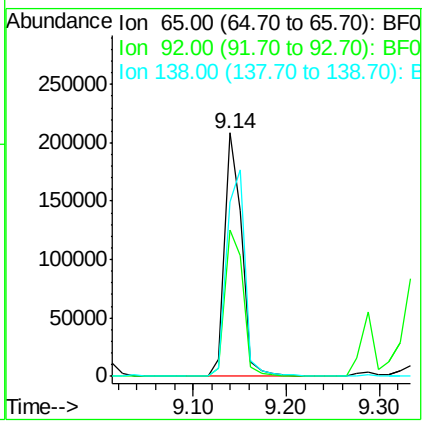


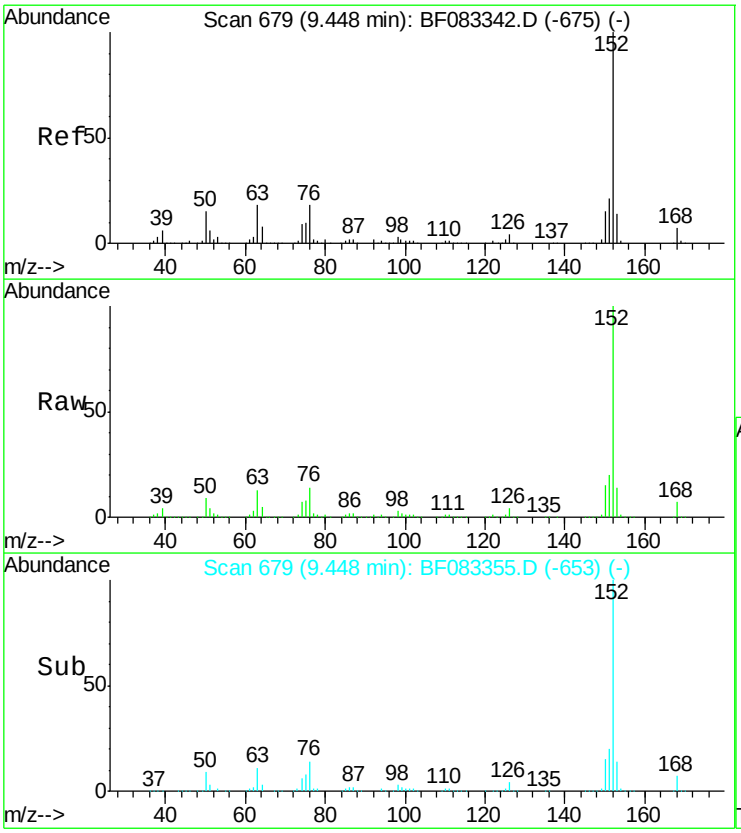
#47
2-Nitroaniline
Concen: 30.63 ng
RT: 9.14 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion: 65 Resp: 266716

Ion	Ratio	Lower	Upper
65	100		
92	60.2	56.2	84.4
138	71.6	85.4	128.0#

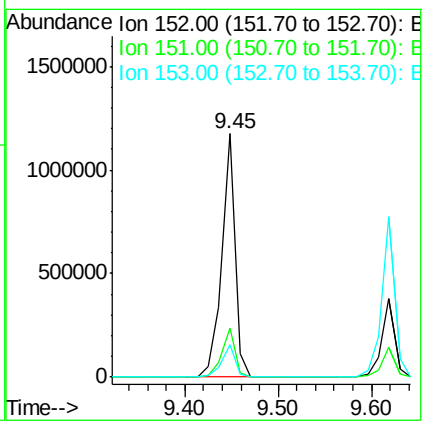


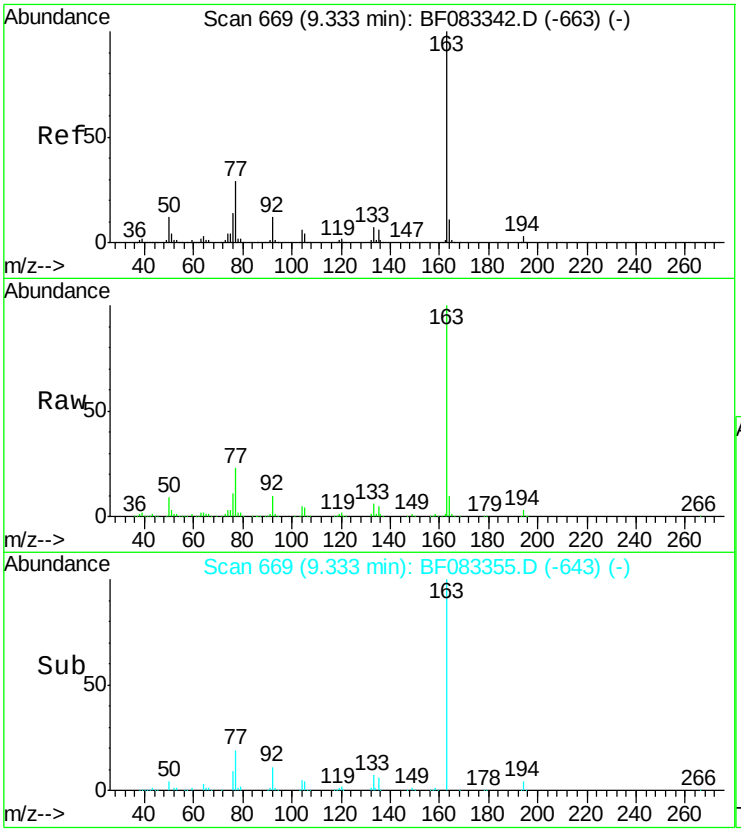


#48
Acenaphthylene
Concen: 33.04 ng
RT: 9.45 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:152 Resp: 1158621

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.7	25.1
153	13.6	11.2	16.8



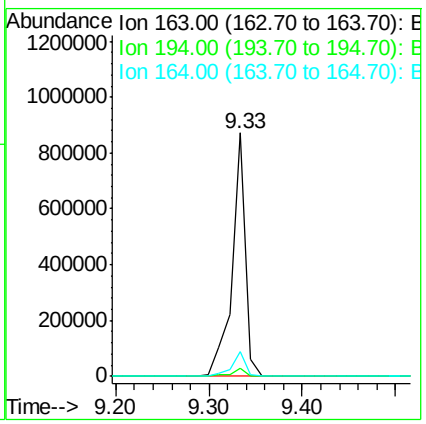


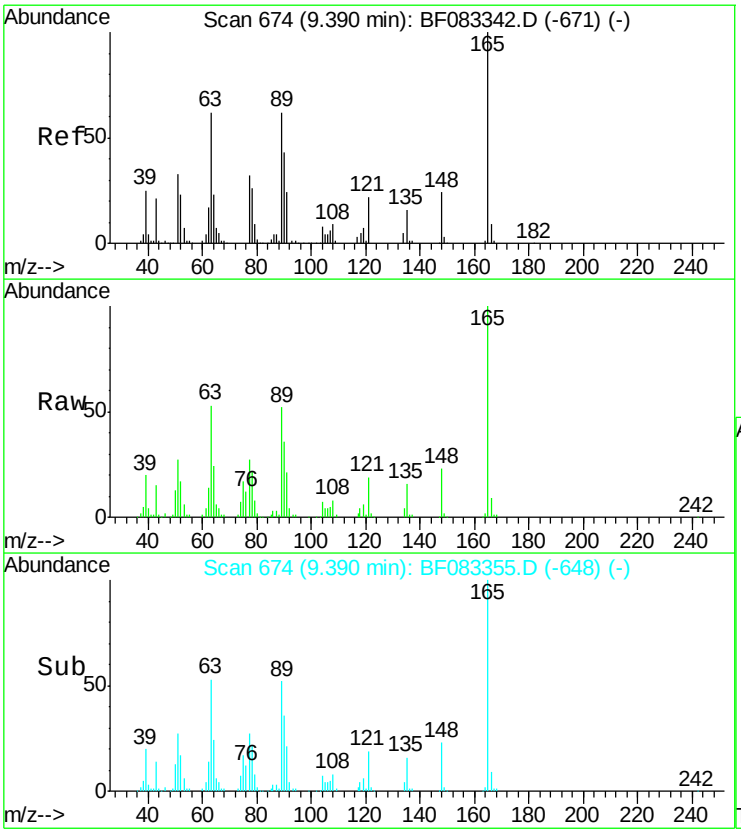
#49
Dimethylphthalate
Concen: 32.61 ng
RT: 9.33 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:163 Resp: 871889

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.4	8.8	13.2

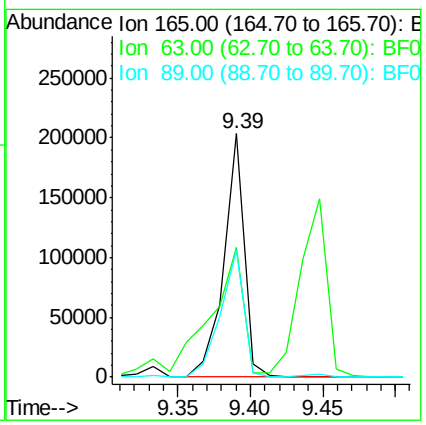


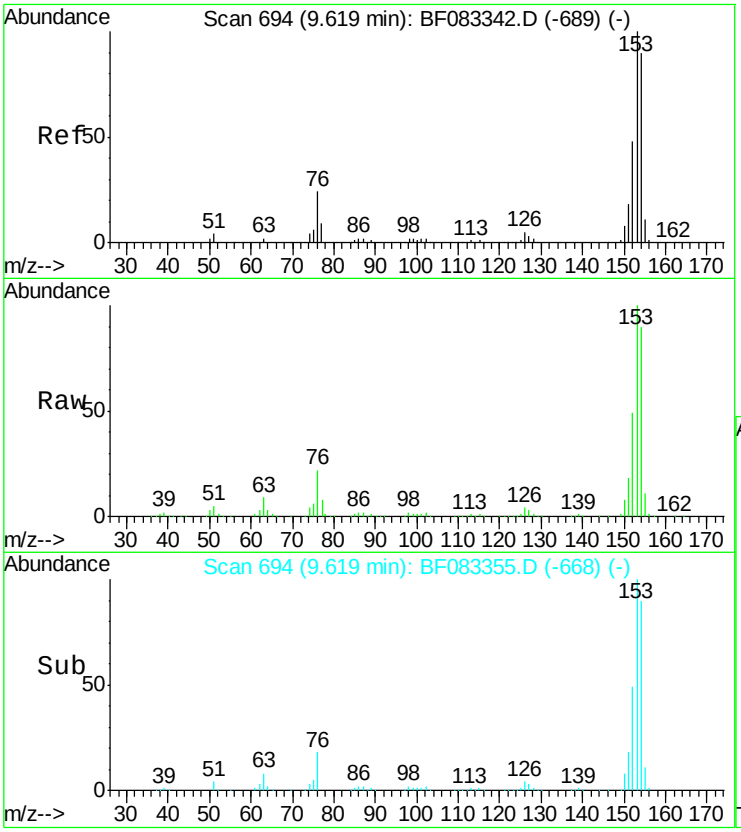


#50
2,6-Dinitrotoluene
Concen: 34.80 ng
RT: 9.39 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:165 Resp: 198735

Ion	Ratio	Lower	Upper
165	100		
63	53.1	56.0	84.0#
89	52.5	49.8	74.8



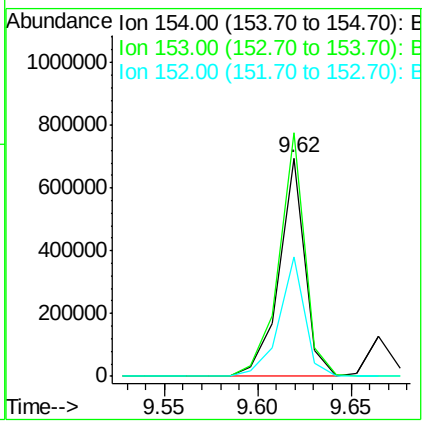


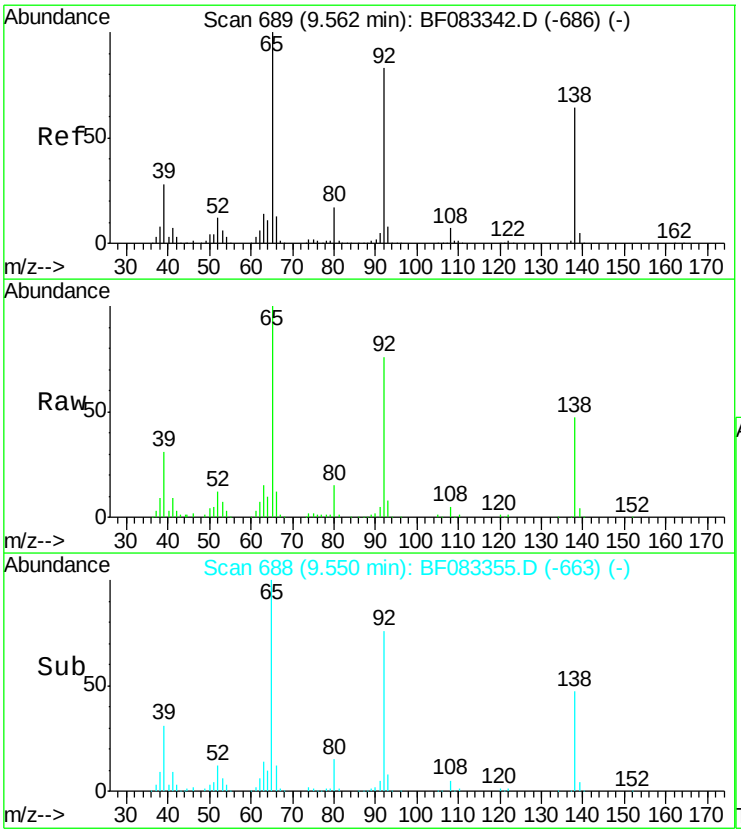
#51
Acenaphthene
Concen: 32.59 ng
RT: 9.62 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:154 Resp: 672370

Ion	Ratio	Lower	Upper
154	100		
153	111.4	89.3	133.9
152	54.5	42.5	63.7

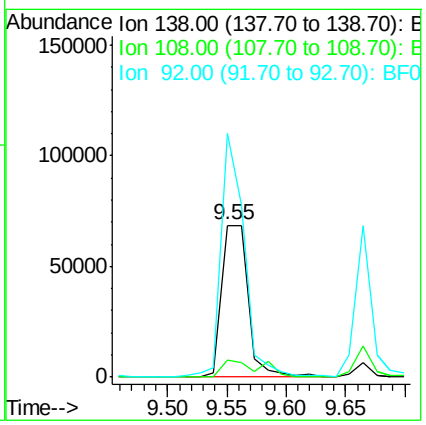


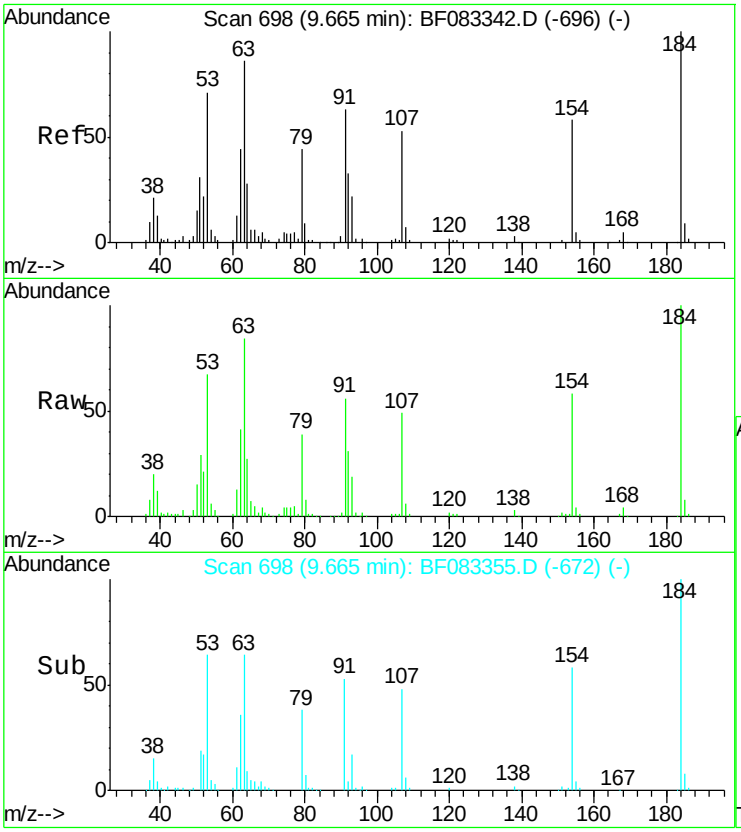


#52
3-Nitroaniline
Concen: 15.79 ng
RT: 9.55 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:138 Resp: 105670

Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.4	12.6
92	160.5	104.2	156.4#



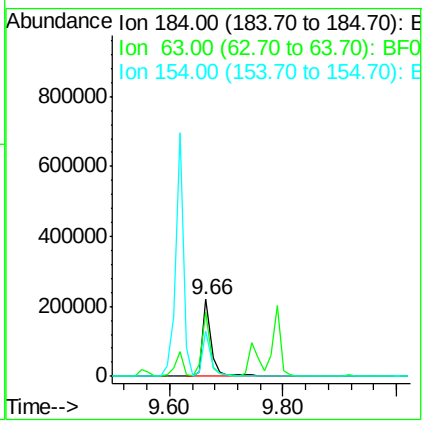


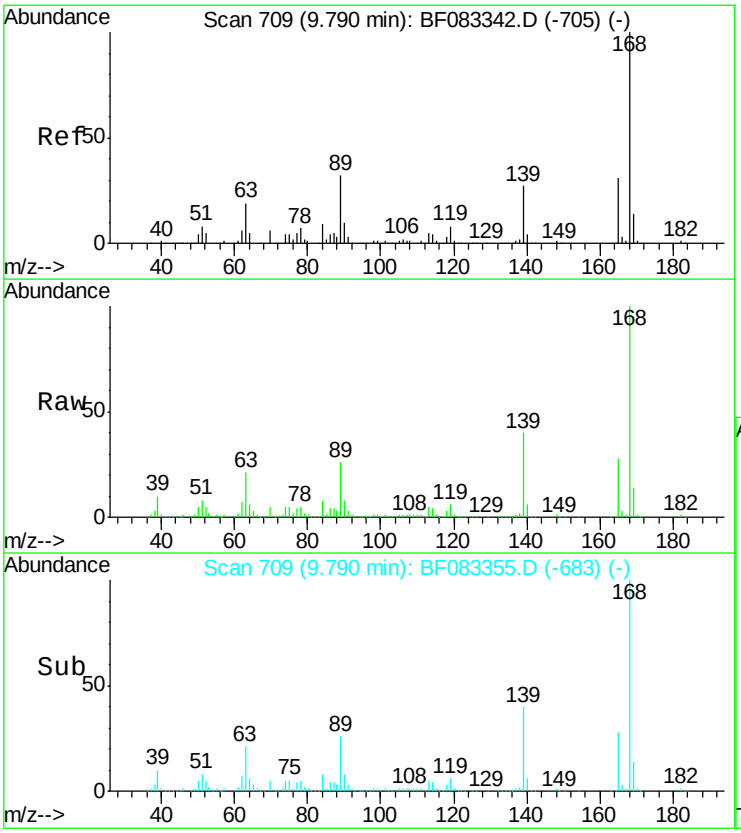
#53
2,4-Dinitrophenol
Concen: 65.49 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:184 Resp: 224416

Ion	Ratio	Lower	Upper
184	100		
63	83.5	69.0	103.6
154	58.2	50.0	75.0

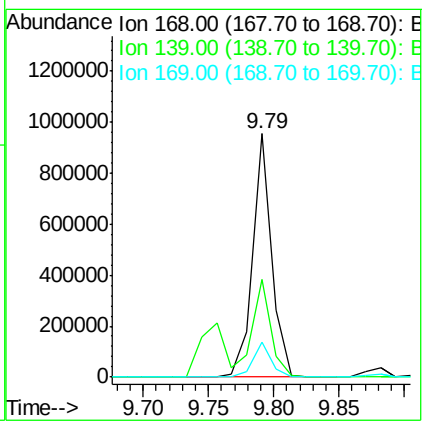


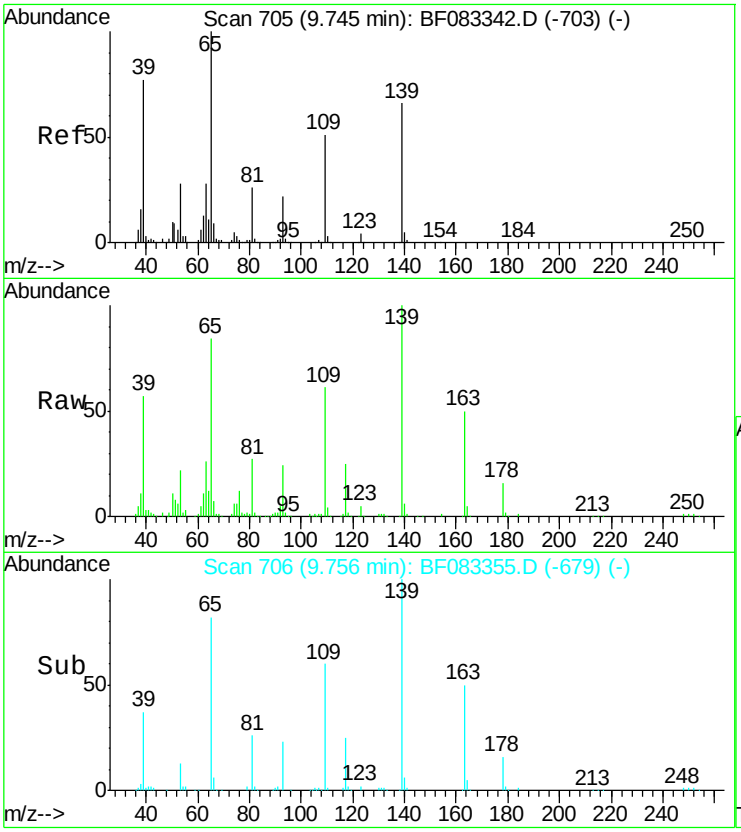


#54
Dibenzofuran
Concen: 32.19 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:168 Resp: 973212

Ion	Ratio	Lower	Upper
168	100		
139	40.1	32.7	49.1
169	14.1	11.1	16.7



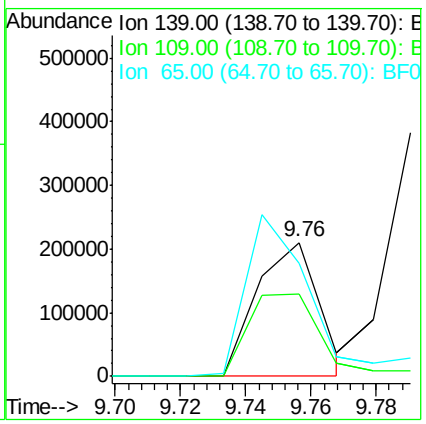


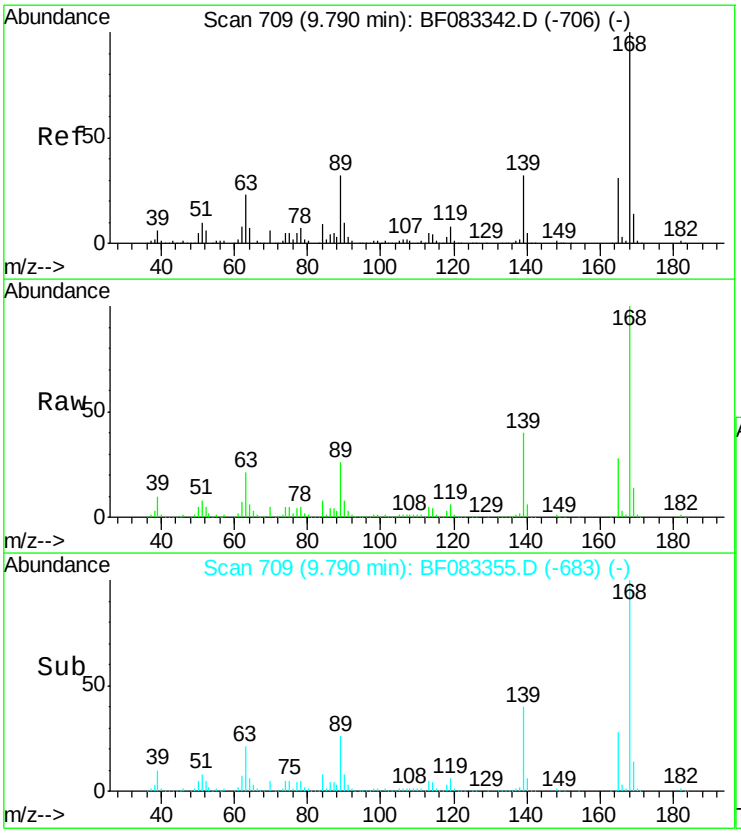
#55
4-Nitrophenol
Concen: 66.24 ng
RT: 9.76 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:139 Resp: 277290

Ion	Ratio	Lower	Upper
139	100		
109	61.1	57.4	97.4
65	84.3	131.6	171.6#

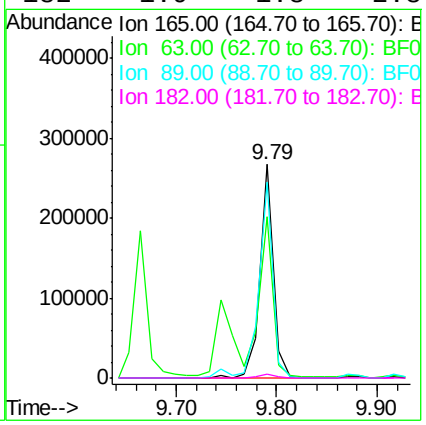


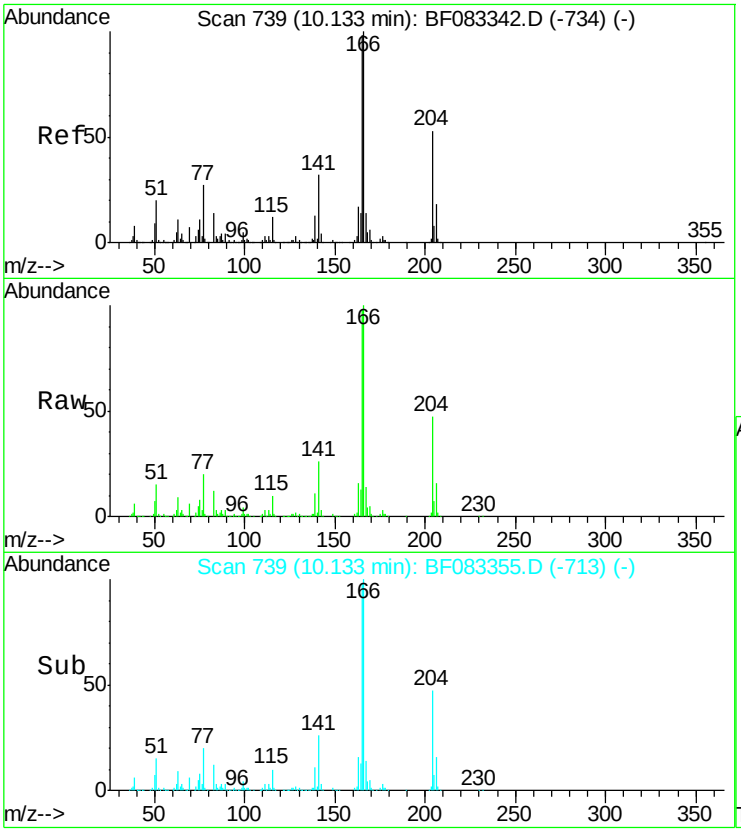


#56
2,4-Dinitrotoluene
Concen: 34.24 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:165 Resp: 248073

Ion	Ratio	Lower	Upper
165	100		
63	75.4	65.4	98.0
89	91.6	81.2	121.8
182	1.9	1.8	2.8



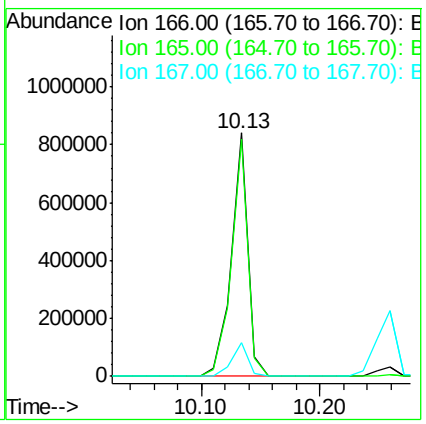


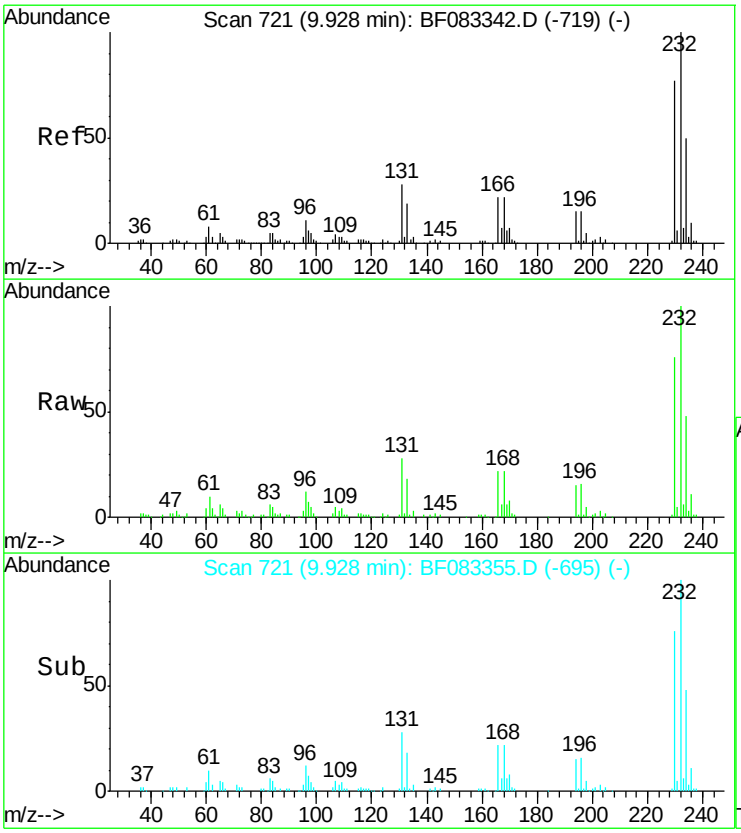
#57
Fluorene
Concen: 34.14 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:166 Resp: 815056

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.3	117.5
167	13.7	11.1	16.7

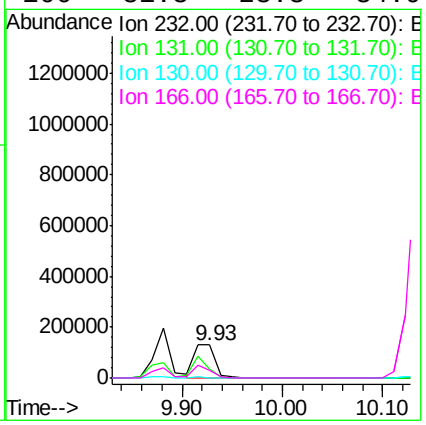


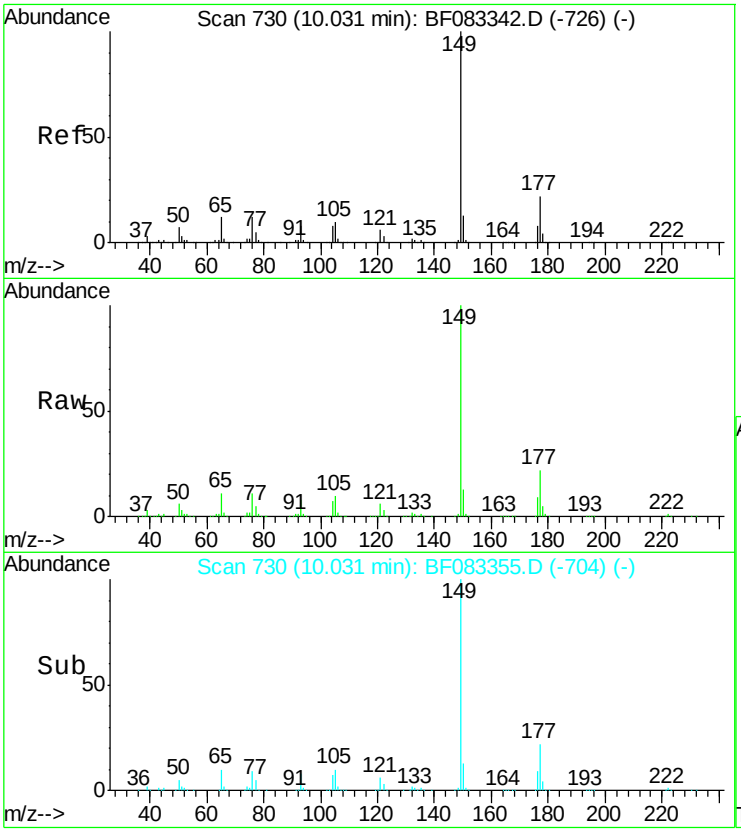


#58
2,3,4,6-Tetrachlorophenol
Concen: 31.58 ng
RT: 9.93 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:232 Resp: 193144

Ion	Ratio	Lower	Upper
232	100		
131	49.2	35.4	53.2
130	2.2	1.7	2.5
166	31.3	23.3	34.9



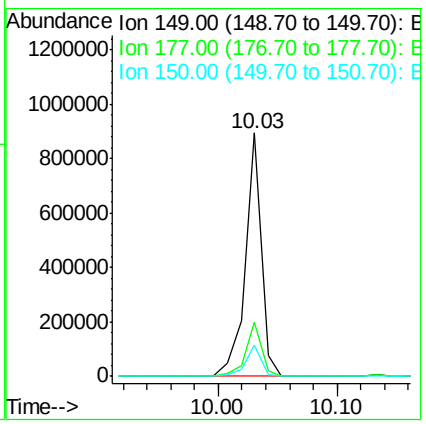


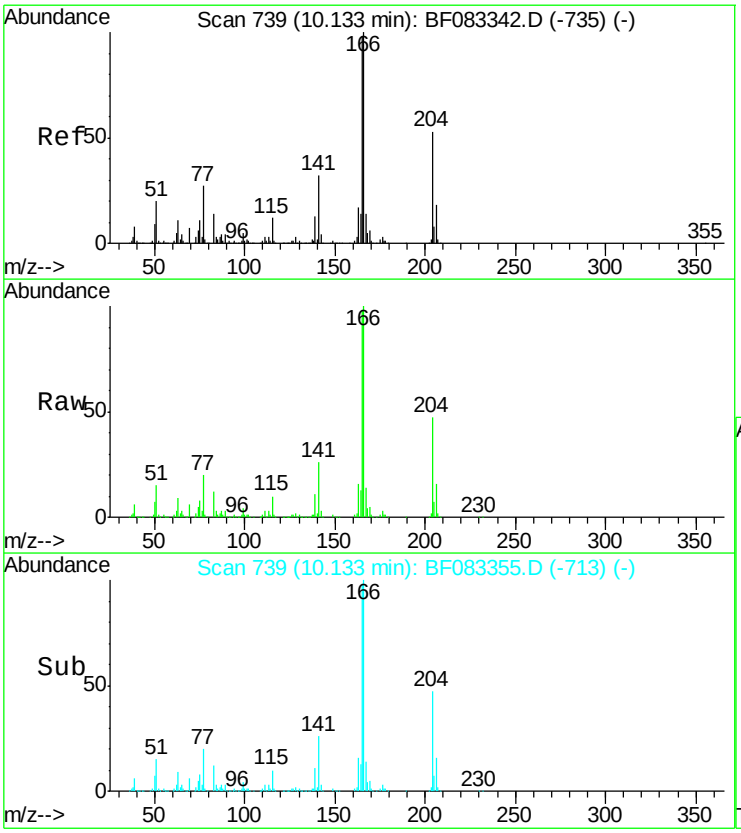
#59
Diethylphthalate
Concen: 33.10 ng
RT: 10.03 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:149 Resp: 843650

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.4	26.2
150	12.7	10.4	15.6

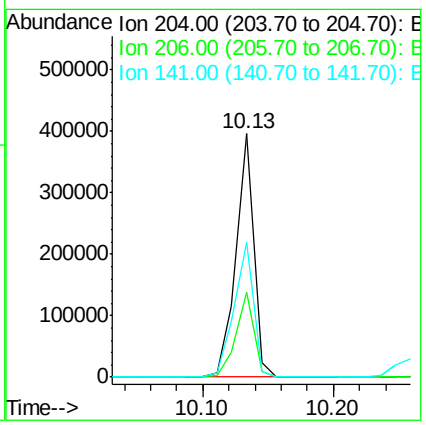


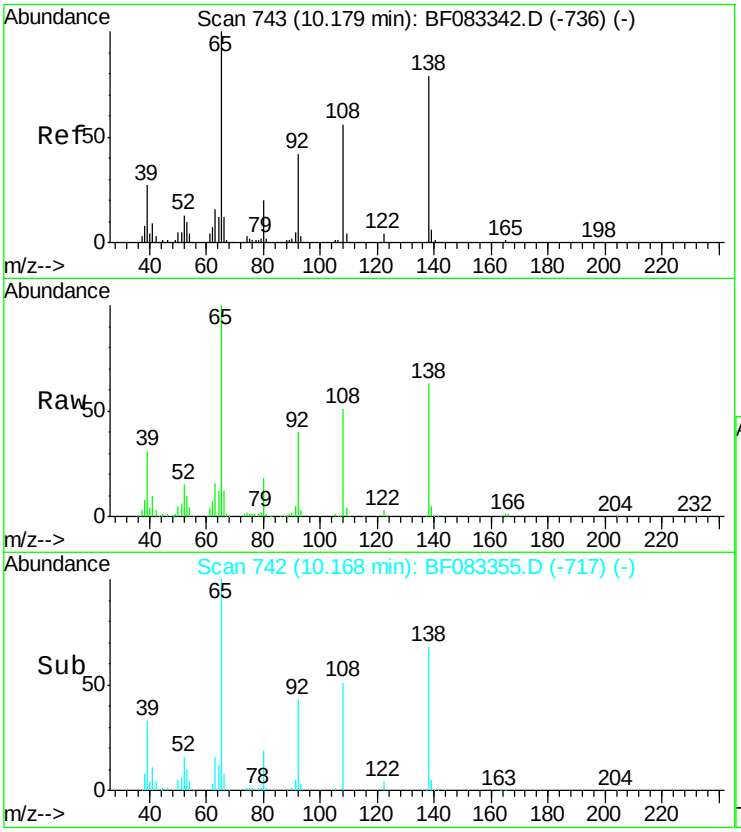


#60
4-Chlorophenyl-phenylether
Concen: 34.07 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:204 Resp: 373708

Ion	Ratio	Lower	Upper
204	100		
206	34.7	27.5	41.3
141	55.4	48.1	72.1



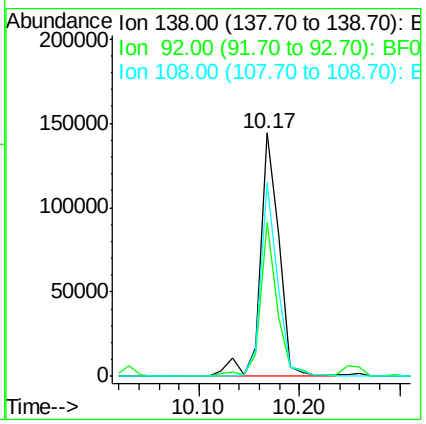


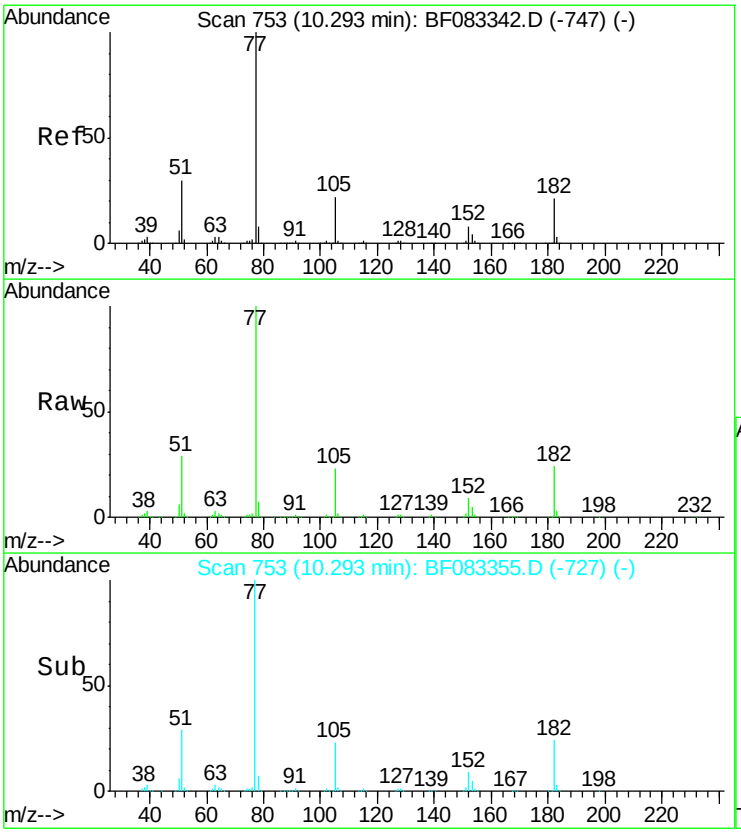
#61
4-Nitroaniline
Concen: 27.93 ng
RT: 10.17 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:138 Resp: 187031

Ion	Ratio	Lower	Upper
138	100		
92	63.1	33.6	73.6
108	79.7	51.0	91.0

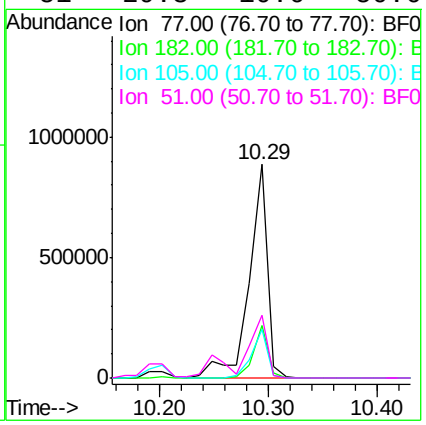


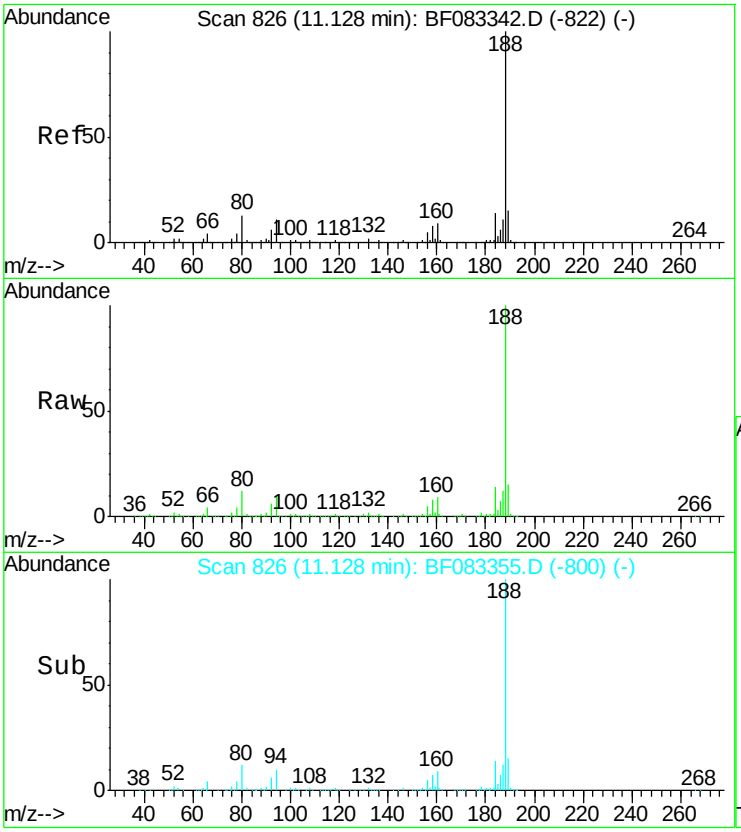


#62
Azobenzene
Concen: 33.68 ng
RT: 10.29 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion: 77 Resp: 1036884

Ion	Ratio	Lower	Upper
77	100		
182	24.3	0.8	40.8
105	23.0	2.3	42.3
51	29.3	10.6	50.6



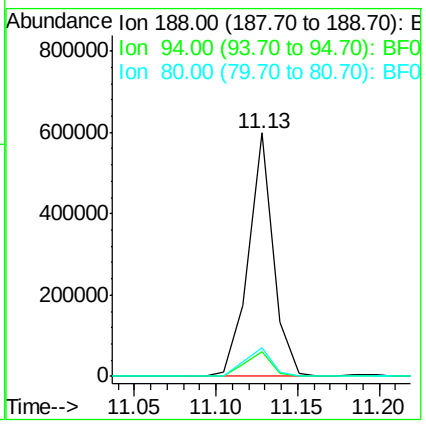


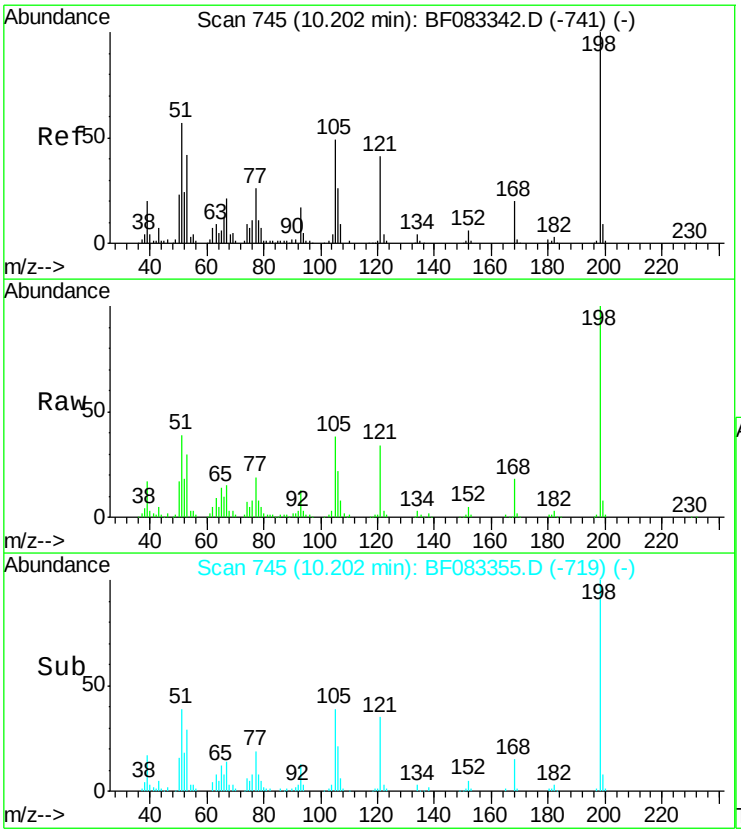
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:188 Resp: 634282

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.7	13.1
80	11.8	10.3	15.5

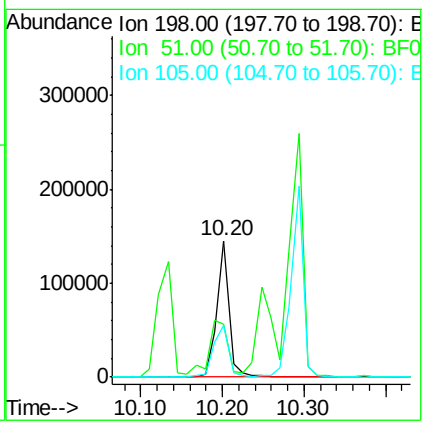


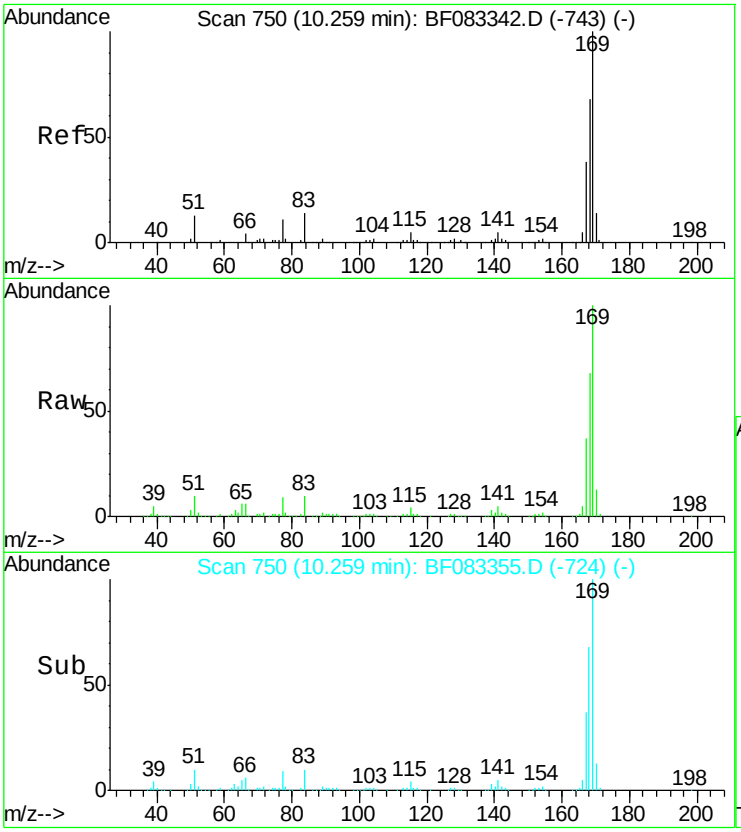


#64
4,6-Dinitro-2-methylphenol
Concen: 35.56 ng
RT: 10.20 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:198 Resp: 151439

Ion	Ratio	Lower	Upper
198	100		
51	38.7	38.3	78.3
105	38.3	29.2	69.2



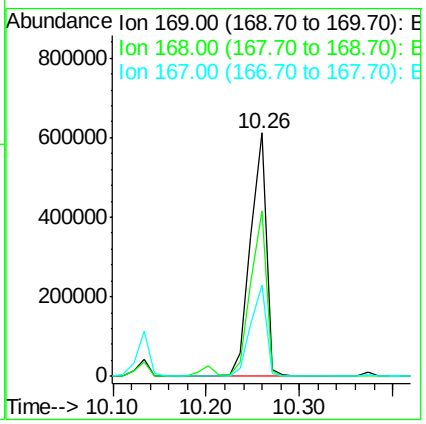


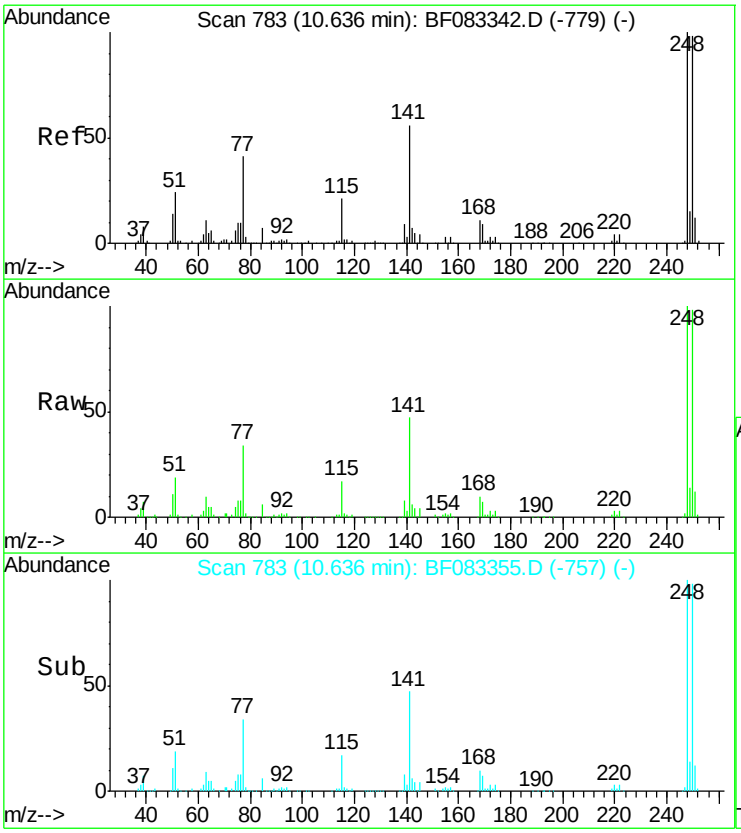
#65
n-Nitrosodiphenylamine
Concen: 32.26 ng
RT: 10.26 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:169 Resp: 718967

Ion	Ratio	Lower	Upper
169	100		
168	68.2	54.8	82.2
167	37.4	30.2	45.2

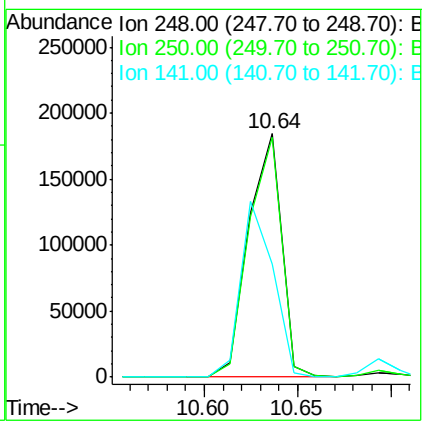


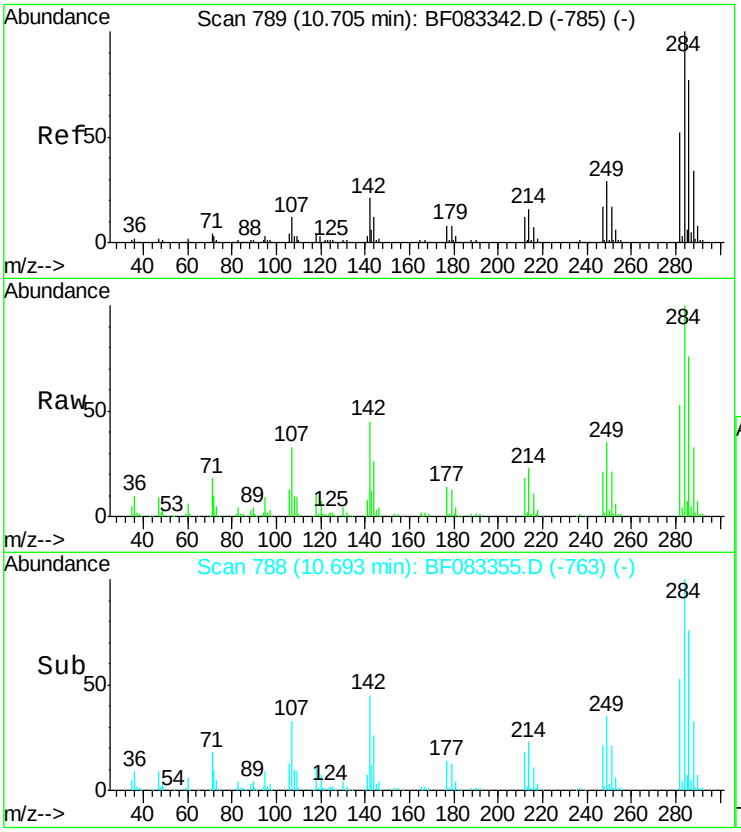


#66
4-Bromophenyl-phenylether
Concen: 32.55 ng
RT: 10.64 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:248 Resp: 225823

Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.6	118.0
141	46.5	44.4	66.6



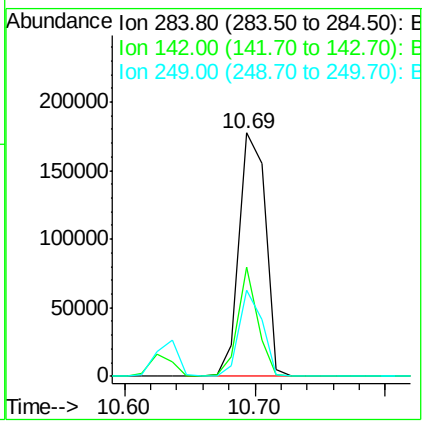


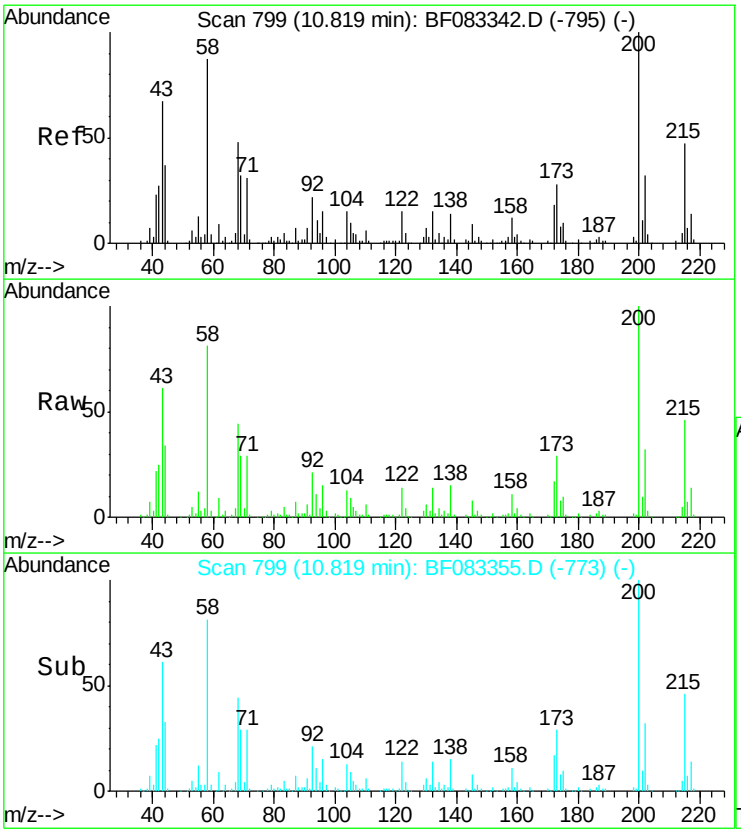
#67
Hexachlorobenzene
Concen: 32.46 ng
RT: 10.69 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:284 Resp: 248998

Ion	Ratio	Lower	Upper
284	100		
142	45.0	16.6	24.8#
249	35.3	23.0	34.4#

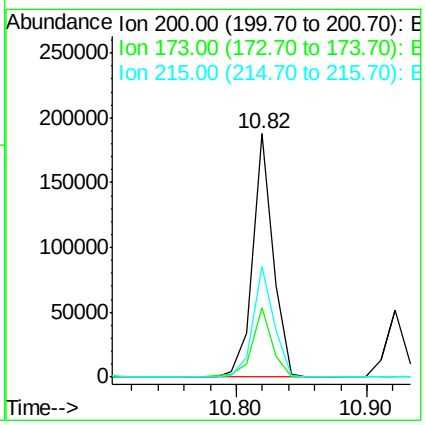


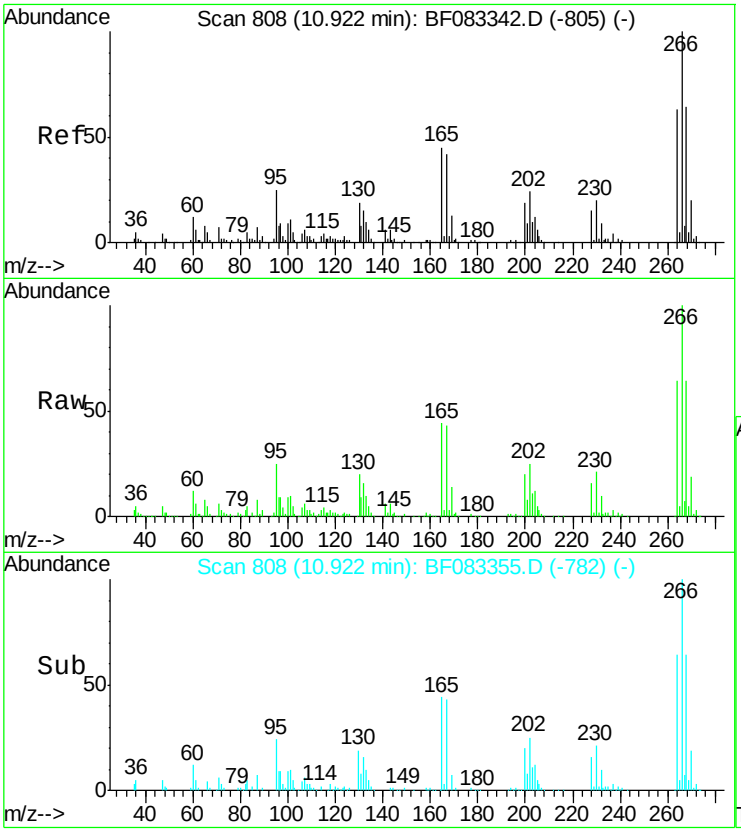


#68
Atrazine
Concen: 33.39 ng
RT: 10.82 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:200 Resp: 205844

Ion	Ratio	Lower	Upper
200	100		
173	28.6	8.3	48.3
215	45.6	26.7	66.7



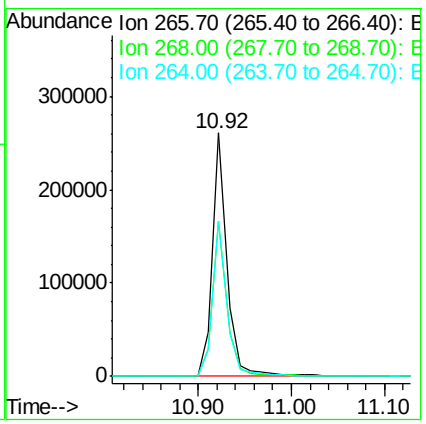


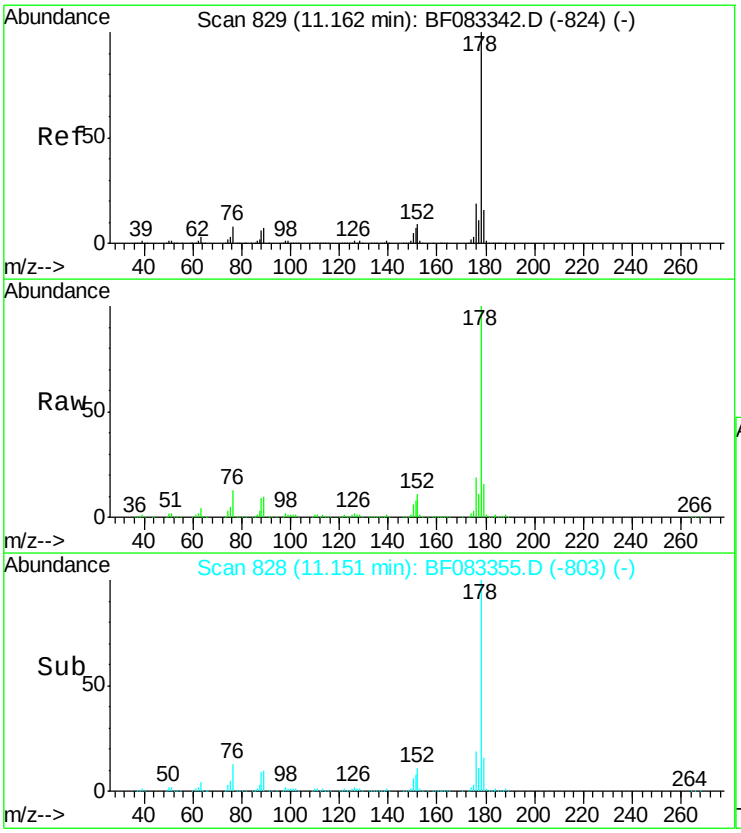
#69
Pentachlorophenol
Concen: 70.51 ng
RT: 10.92 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:266 Resp: 283373

Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.5	77.3
264	63.9	50.4	75.6

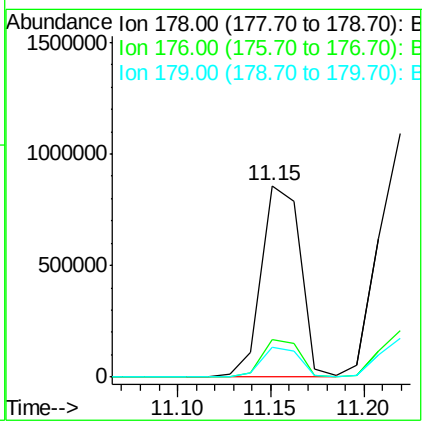


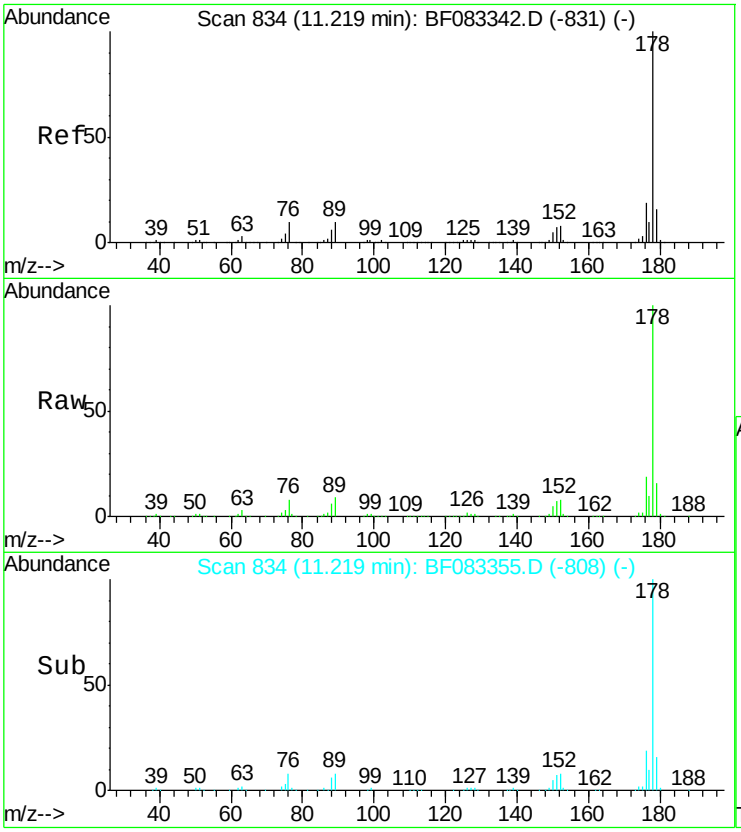


#70
Phenanthrene
Concen: 33.08 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:178 Resp: 1241858

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.8	12.4	18.6



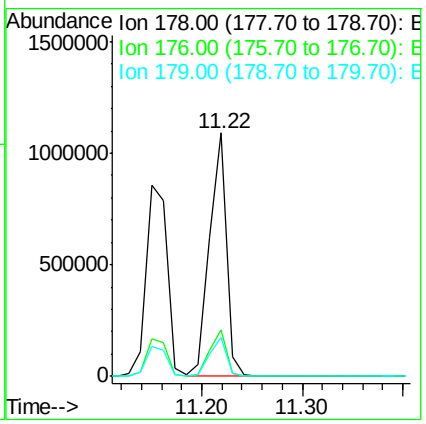


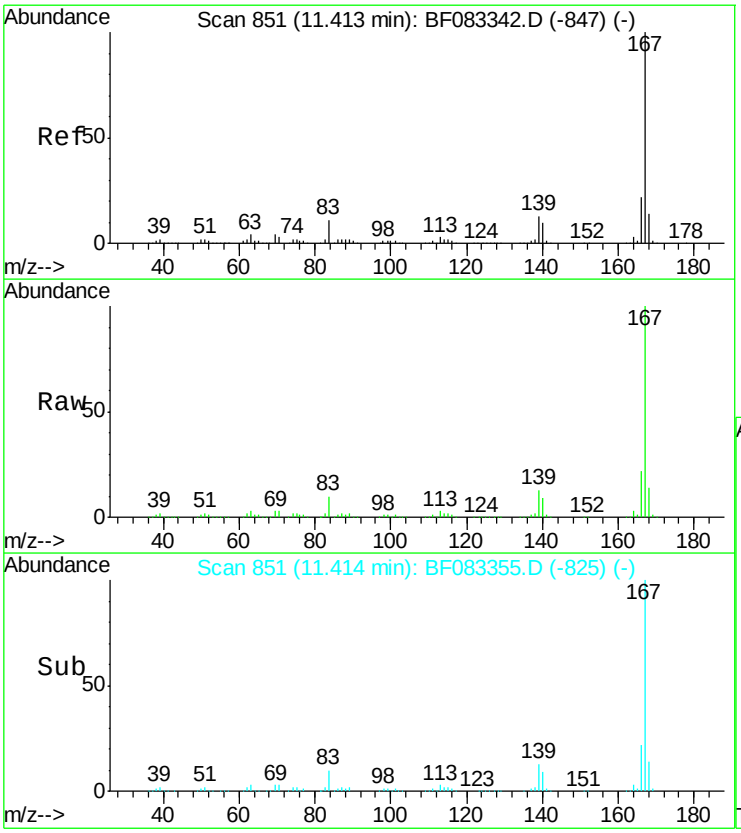
#71
Anthracene
Concen: 33.97 ng
RT: 11.22 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:178 Resp: 1283685

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	16.1	12.8	19.2

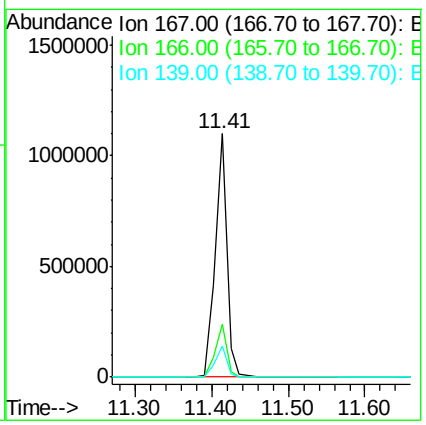


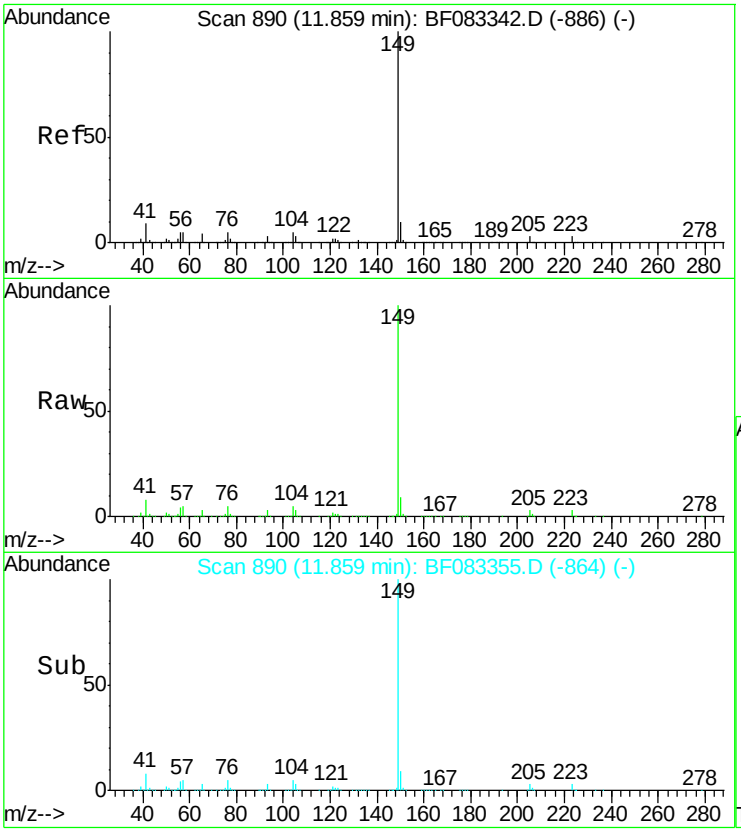


#72
Carbazole
Concen: 34.11 ng
RT: 11.41 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:167 Resp: 1158247

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	12.8	10.5	15.7



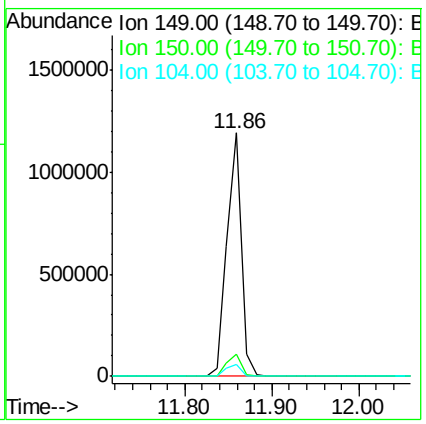


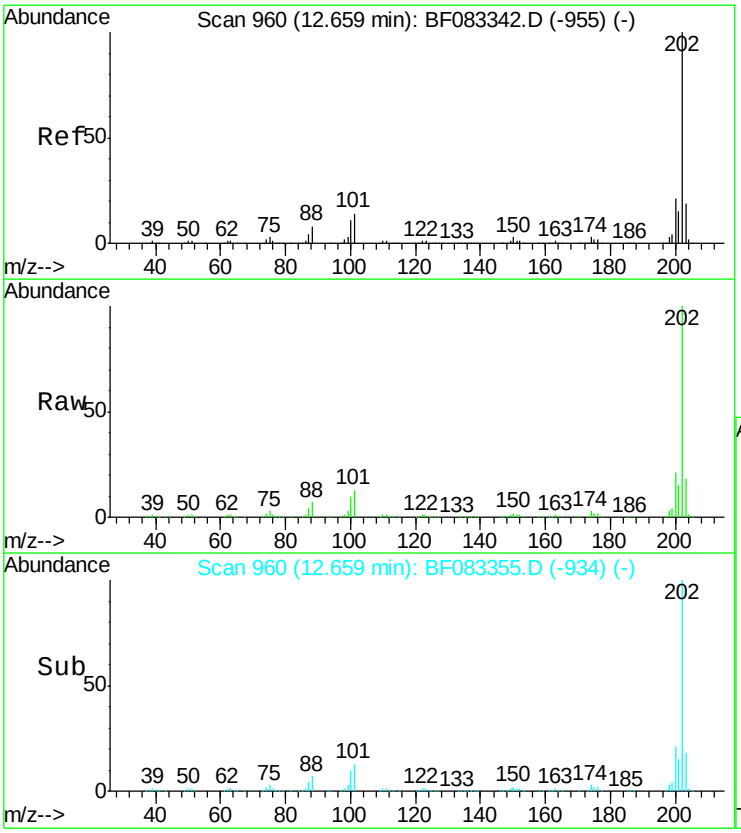
#73
Di-n-butylphthalate
Concen: 33.92 ng
RT: 11.86 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:149 Resp: 1364905

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.7	4.0	6.0

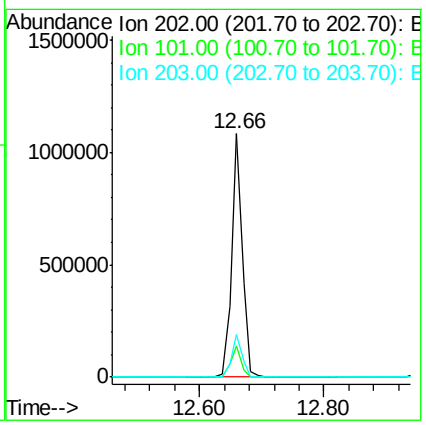


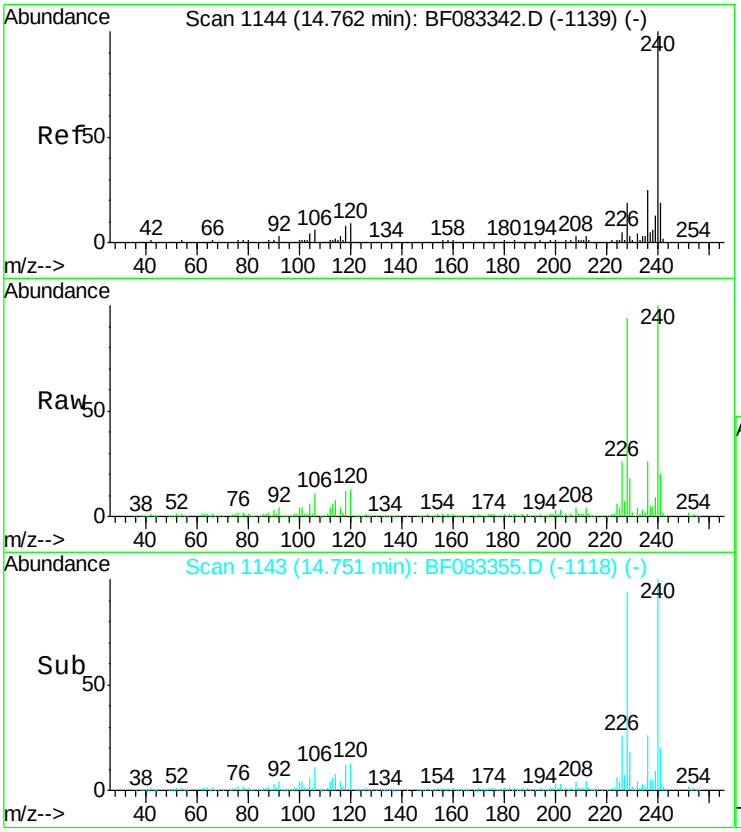


#74
Fluoranthene
Concen: 33.06 ng
RT: 12.66 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:202 Resp: 1286491

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.5
203	17.7	0.0	38.7



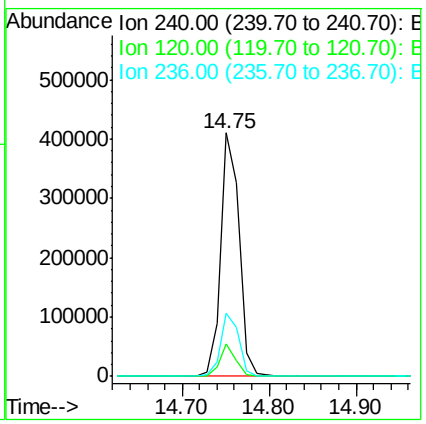


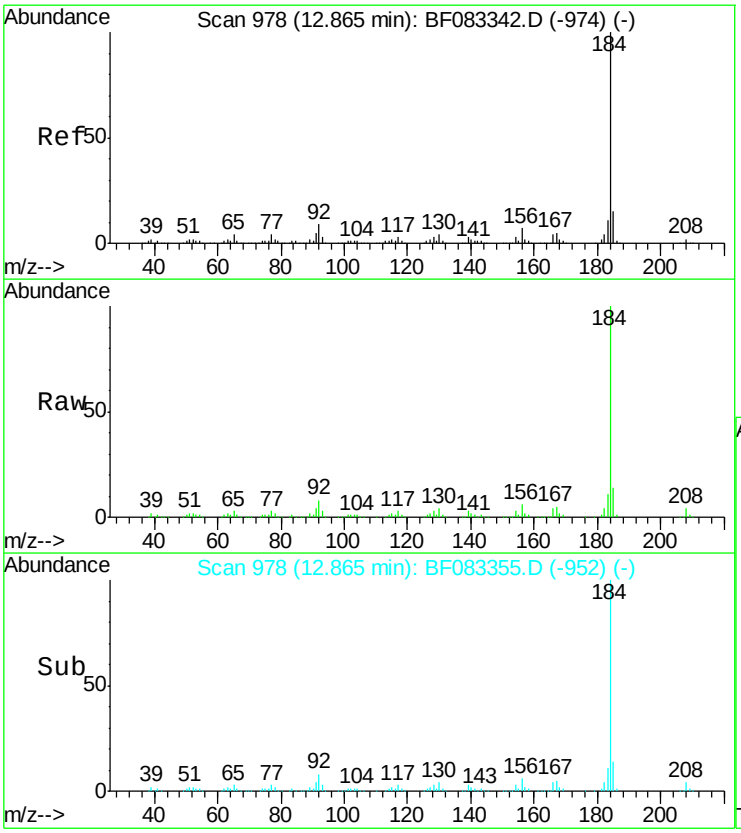
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:240 Resp: 605203

Ion	Ratio	Lower	Upper
240	100		
120	13.1	6.9	10.3#
236	25.7	19.8	29.6

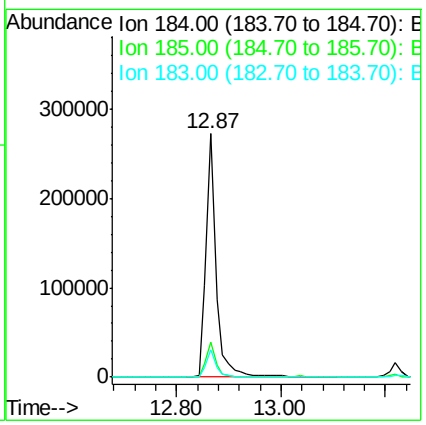


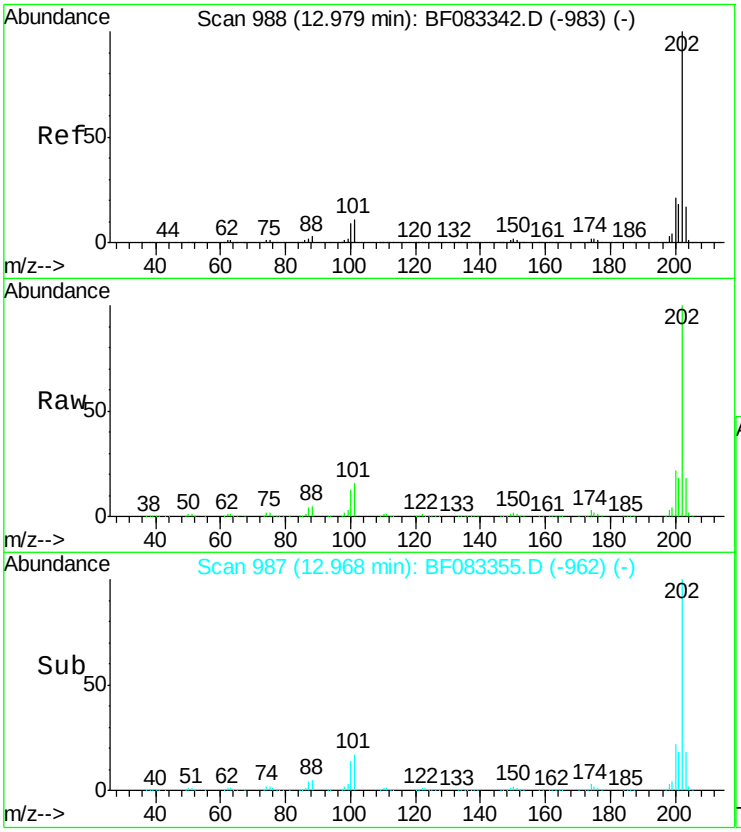


#76
Benzidine
Concen: 20.44 ng
RT: 12.87 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:184 Resp: 368443

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.4	18.6
183	11.0	9.0	13.4



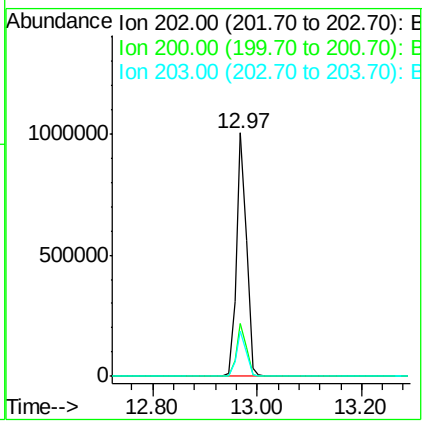


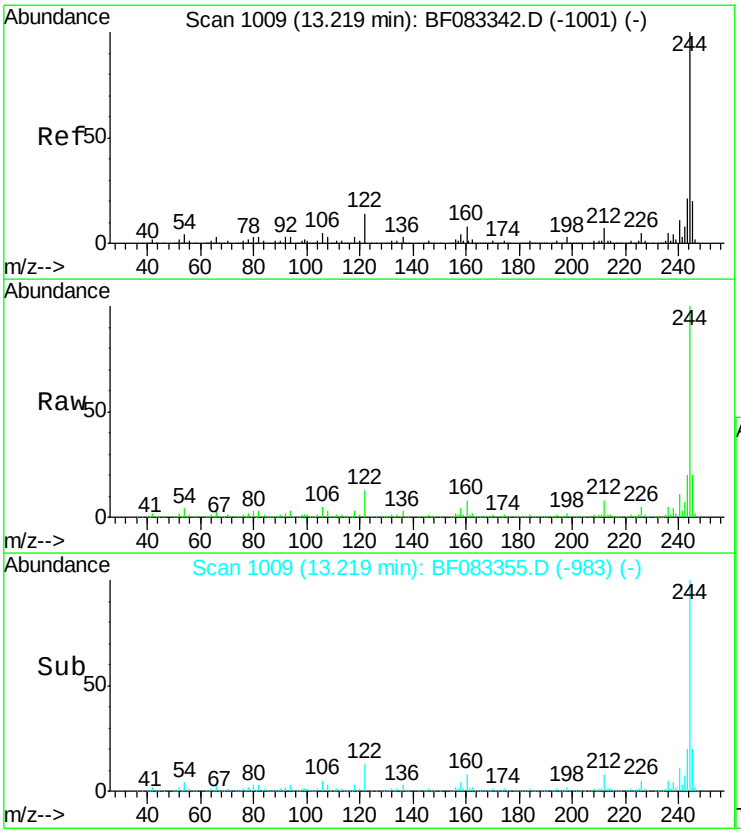
#77
Pyrene
Concen: 31.47 ng
RT: 12.97 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:202 Resp: 1330062

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	18.5	13.9	20.9

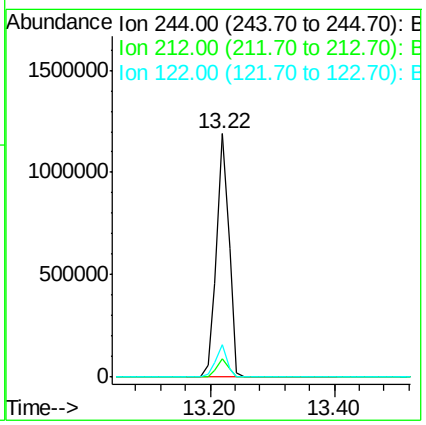


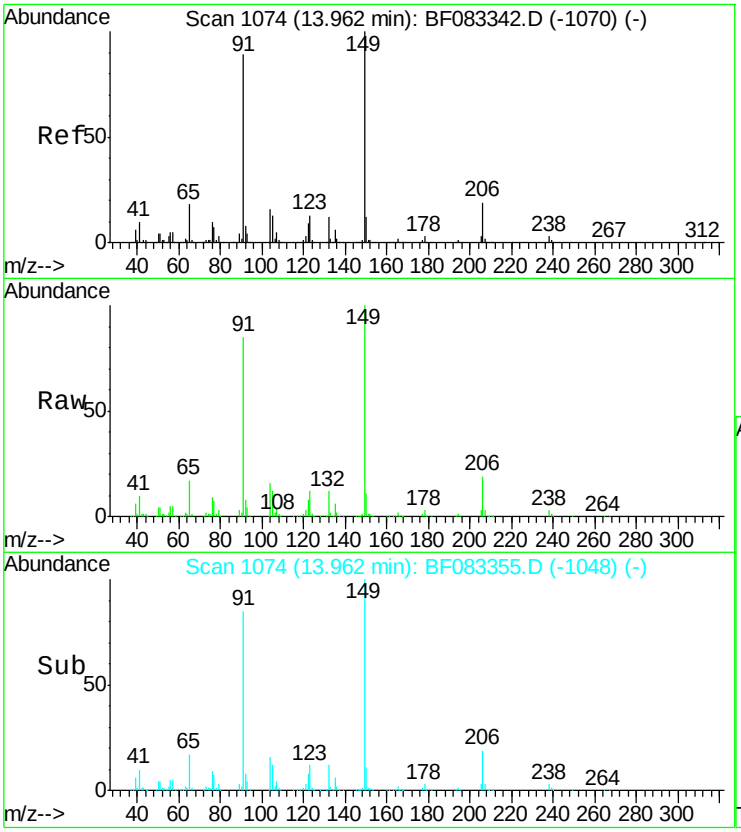


#78
Terphenyl-d14
Concen: 64.03 ng
RT: 13.22 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:244 Resp: 1624952

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	13.5	11.0	16.4



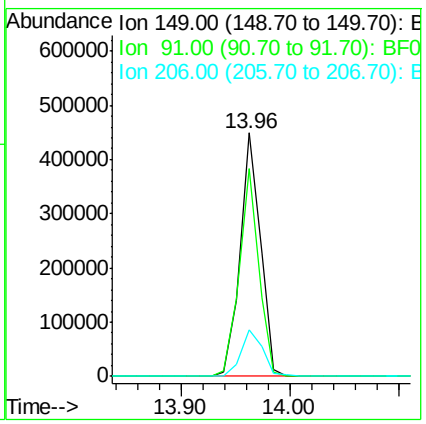


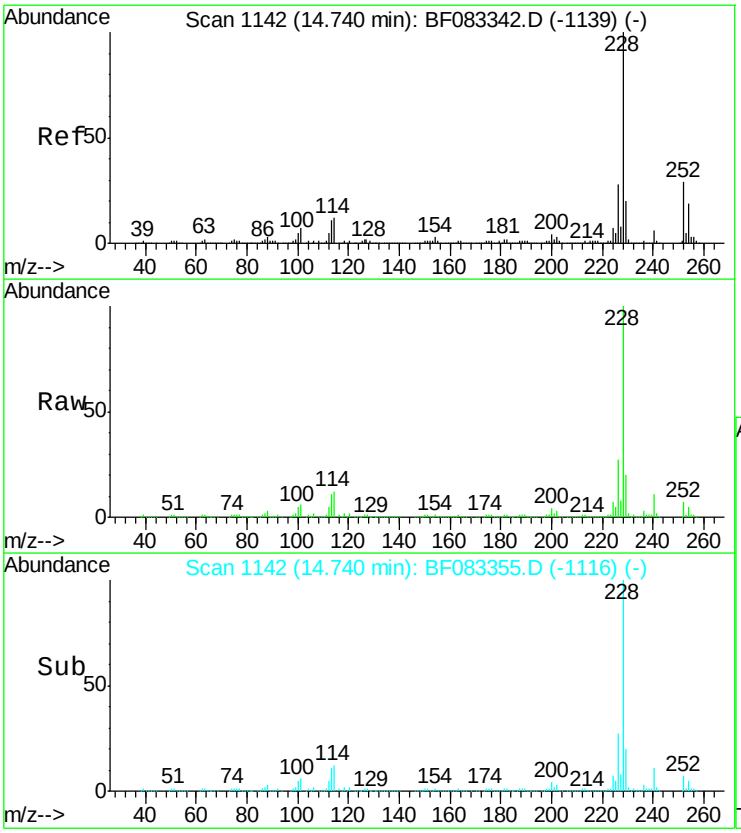
#79
Butylbenzylphthalate
Concen: 32.14 ng
RT: 13.96 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:149 Resp: 576206

Ion	Ratio	Lower	Upper
149	100		
91	85.3	71.4	107.2
206	19.2	15.1	22.7

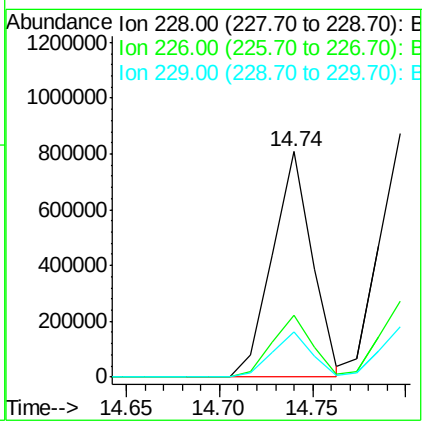


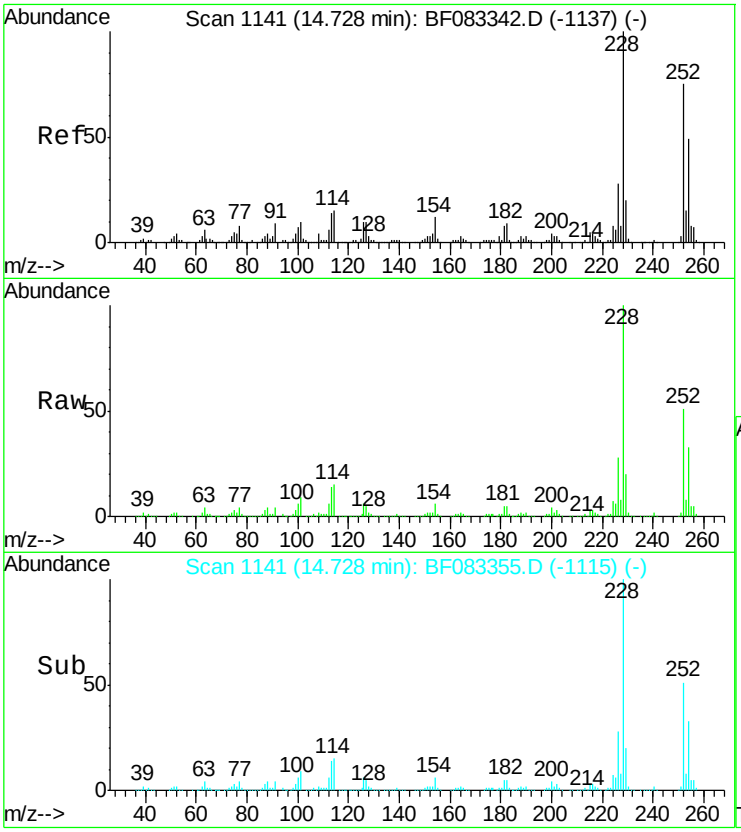


#80
Benzo(a)anthracene
Concen: 32.36 ng
RT: 14.74 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:228 Resp: 1199740

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.4
229	20.1	16.1	24.1



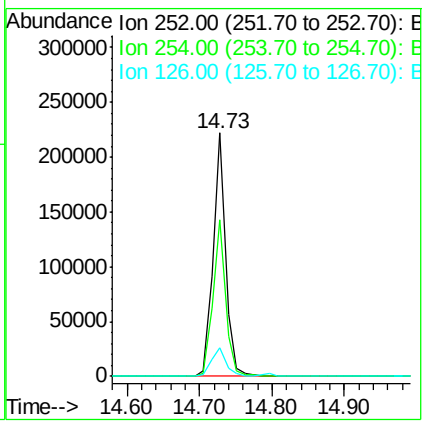


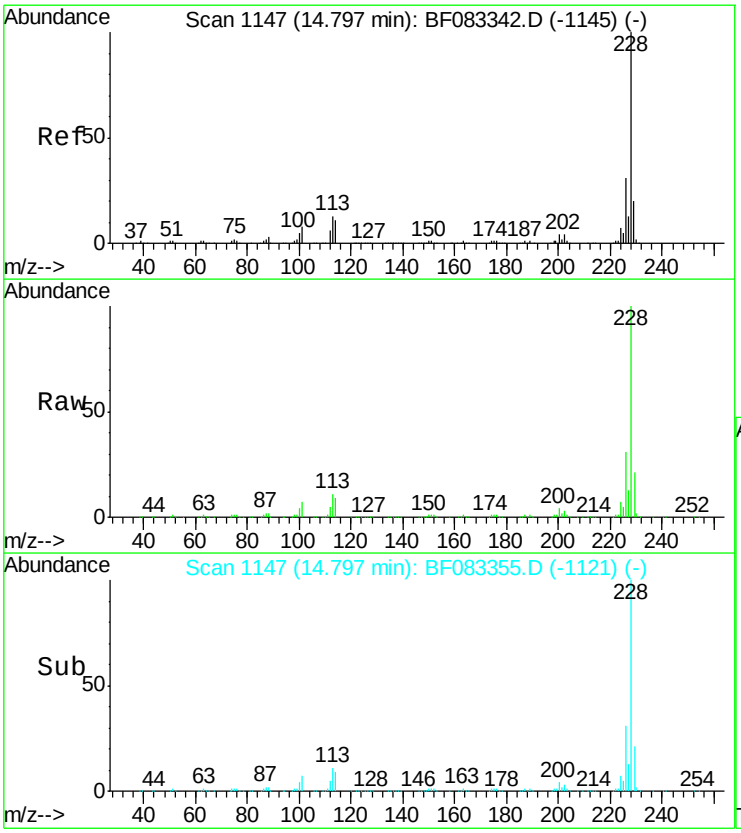
#81
3,3'-Dichlorobenzidine
Concen: 23.18 ng
RT: 14.73 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:252 Resp: 268416

Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.0	78.0
126	11.7	10.7	16.1





#82
Chrysene
Concen: 31.64 ng
RT: 14.80 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:228 Resp: 1133410

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.6	37.0
229	20.6	16.2	24.2