Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF121815\
Data File : BF083887.D
Acq On : 17 Dec 2015 20:56
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF121815

Quant Time: Dec 18 01:29:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 01:01:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	51830	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	200098	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	96377	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	185868	20.00	ng		0.00
75) Chrysene-d12	14.03	240	165464	20.00	ng		0.00
86) Perylene-d12	15.47	264	127036	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	266110	80.35	ng		0.00
7) Phenol-d6	6.51	99	300404	74.10	ng		0.00
23) Nitrobenzene-d5	7.44	82	280773	80.08	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	90218	84.97	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	578813	84.21	ng		0.00
78) Terphenyl-d14	12.98	244	608105	86.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	53715	37.39	ng		98
3) Pyridine	3.21	79	125872	35.43	ng		98
4) n-Nitrosodimethylamine	3.15	42	56679	41.83	ng		97
6) Aniline	6.53	93	197650	37.86	ng		92
8) 2-Chlorophenol	6.66	128	154138	39.10	ng		99
9) Benzaldehyde	6.42	77	79350	32.49	ng		99
10) Phenol	6.52	94	162292	35.88	ng		98
11) bis(2-Chloroethyl)ether	6.61	93	136607	39.75	ng		97
12) 1,3-Dichlorobenzene	6.82	146	170308	40.18	ng		99
13) 1,4-Dichlorobenzene	6.89	146	163735	37.83	ng		98
14) 1,2-Dichlorobenzene	7.05	146	166091	47.87	ng		100
15) Benzyl Alcohol	7.01	79	117725	38.37	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	7.15	45	139880	39.48	ng		99
17) 2-Methylphenol	7.14	107	122069	39.48	ng		99
18) Hexachloroethane	7.39	117	62156	39.14	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	90904	38.47	ng	#	83
20) 3+4-Methylphenols	7.29	107	141094	38.83	ng		97
22) Acetophenone	7.29	105	207878	43.15	ng		100
24) Nitrobenzene	7.46	77	159563	44.01	ng		98
25) Isophorone	7.70	82	264239	40.06	ng		99
26) 2-Nitrophenol	7.78	139	82721	44.07	ng		99
27) 2,4-Dimethylphenol	7.81	122	127389	39.40	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	143517	36.78	ng		99
29) 2,4-Dichlorophenol	8.02	162	124361	42.40	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	122404	38.86	ng		99
31) Naphthalene	8.18	128	419611	41.45	ng		99
32) Benzoic acid	7.94	122	62500	51.14	ng		94
33) 4-Chloroaniline	8.22	127	168639	37.13	ng		99
34) Hexachlorobutadiene	8.30	225	77151	39.22	ng		99
35) Caprolactam	8.60	113	38255	39.47	ng		98
36) 4-Chloro-3-methylphenol	8.72	107	150194	45.38	ng		99
37) 2-Methylnaphthalene	8.88	142	283320	40.74	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	121260	39.90	ng		98
40) Hexachlorocyclopentadiene	9.04	237	32134	42.82	ng		98

Data Path : Z:\HPCHEM1\BNA_F\Data\BF121815\
Data File : BF083887.D
Acq On : 17 Dec 2015 20:56
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF121815

Quant Time: Dec 18 01:29:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 01:01:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	81409	40.57	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	82265	41.43	ng		98
45) 1,1'-Biphenyl	9.33	154	345990	42.69	ng		99
46) 2-Chloronaphthalene	9.36	162	262323	41.28	ng		99
47) 2-Nitroaniline	9.45	65	73667	38.65	ng		98
48) Acenaphthylene	9.78	152	459159	40.87	ng		99
49) Dimethylphthalate	9.64	163	341586	42.24	ng		99
50) 2,6-Dinitrotoluene	9.70	165	77247	43.79	ng		98
51) Acenaphthene	9.95	154	278064	40.25	ng		99
52) 3-Nitroaniline	9.86	138	73364	39.45	ng		98
53) 2,4-Dinitrophenol	9.97	184	24085	43.43	ng		98
54) Dibenzofuran	10.12	168	355529	39.63	ng		99
55) 4-Nitrophenol	10.03	139	55758	48.03	ng		98
56) 2,4-Dinitrotoluene	10.10	165	97773	43.24	ng		95
57) Fluorene	10.46	166	304249	44.56	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	64885	44.17	ng		95
59) Diethylphthalate	10.34	149	344996	41.26	ng		100
60) 4-Chlorophenyl-phenylether	10.45	204	143874	41.84	ng		99
61) 4-Nitroaniline	10.48	138	74277	38.61	ng		98
62) Azobenzene	10.61	77	299865	42.79	ng		99
64) 4,6-Dinitro-2-methylphenol	10.51	198	48553	42.96	ng		96
65) n-Nitrosodiphenylamine	10.57	169	253836	37.53	ng		98
66) 4-Bromophenyl-phenylether	10.94	248	86923	38.25	ng		97
67) Hexachlorobenzene	11.01	284	98390	41.12	ng		97
68) Atrazine	11.09	200	74731	34.88	ng		98
69) Pentachlorophenol	11.21	266	37492	39.47	ng		98
70) Phenanthrene	11.42	178	420097	37.41	ng		99
71) Anthracene	11.47	178	435688	40.14	ng		100
72) Carbazole	11.62	167	392651	36.61	ng		100
73) Di-n-butylphthalate	11.96	149	513336	40.73	ng		100
74) Fluoranthene	12.60	202	430247	38.39	ng		99
76) Benzidine	12.72	184	225811	34.08	ng		97
77) Pyrene	12.83	202	448007	42.76	ng		100
79) Butylbenzylphthalate	13.45	149	215852	39.19	ng		99
80) Benzo(a)anthracene	14.02	228	380155	37.37	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	140400	36.92	ng	#	95
82) Chrysene	14.05	228	364252	37.06	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	281860	38.33	ng		99
84) Di-n-octyl phthalate	14.63	149	467220	40.60	ng		100
85) Indeno(1,2,3-cd)pyrene	16.90	276	305016	41.51	ng		99
87) Benzo(b)fluoranthene	15.06	252	370966	40.05	ng		99
88) Benzo(k)fluoranthene	15.06	252	370966	48.55	ng	#	95
89) Benzo(a)pyrene	15.41	252	310883	40.65	ng		100
90) Dibenzo(a,h)anthracene	16.90	278	254366	42.75	ng		99
91) Benzo(g,h,i)perylene	17.32	276	250454	42.95	ng		99

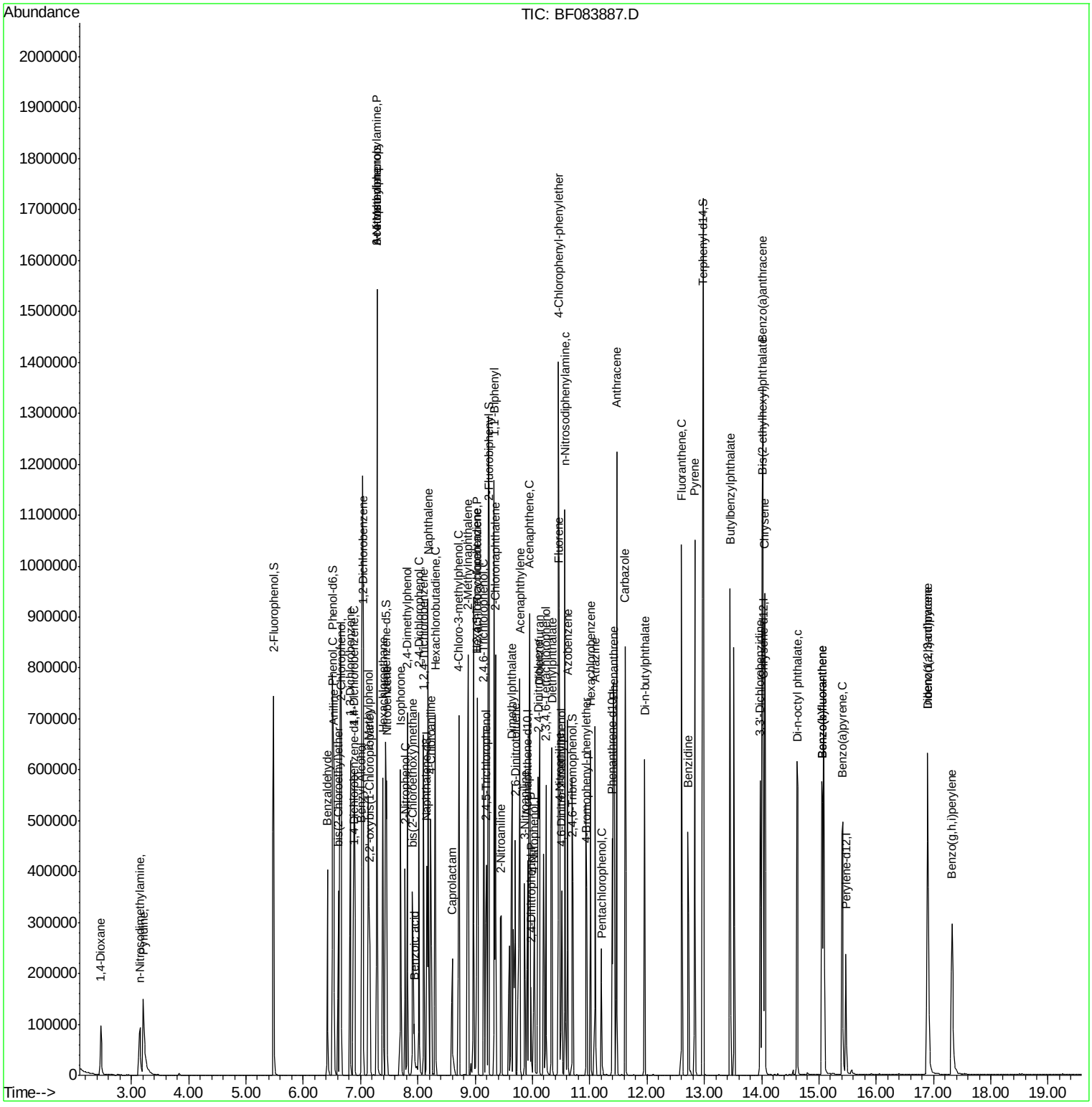
(#) = qualifier out of range (m) = manual integration (+) = signals summed

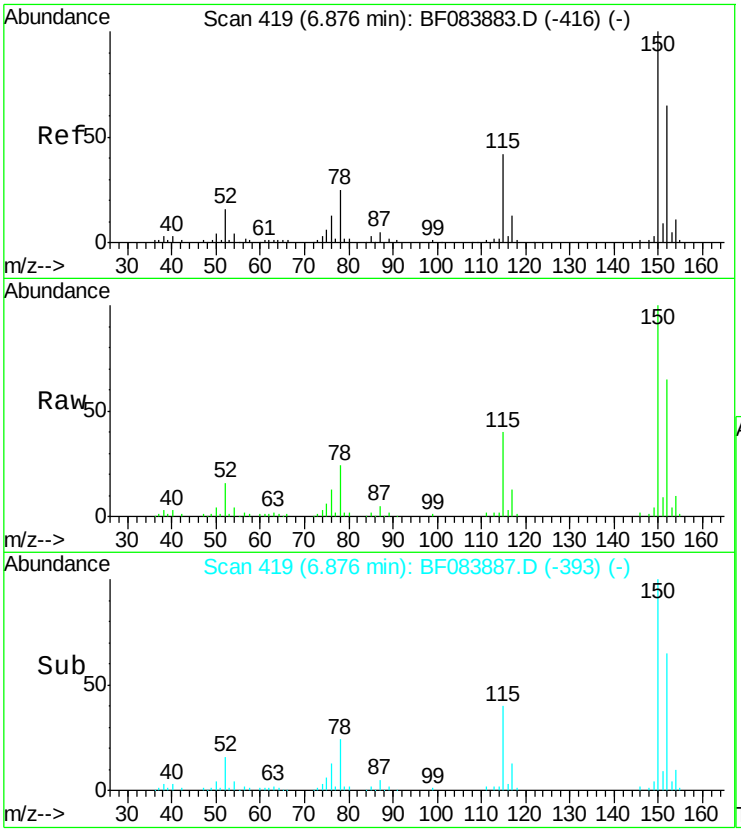
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF121815\
Data File : BF083887.D
Acq On : 17 Dec 2015 20:56
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Quant Time: Dec 18 01:29:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 01:01:02 2015
Response via : Initial Calibration



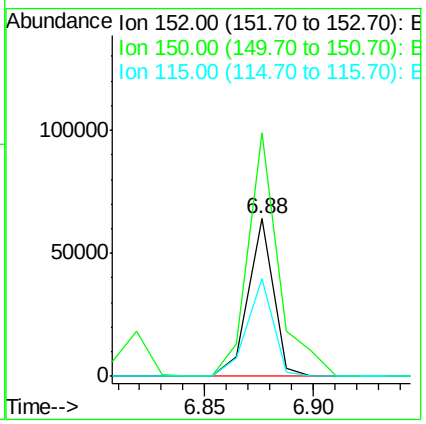


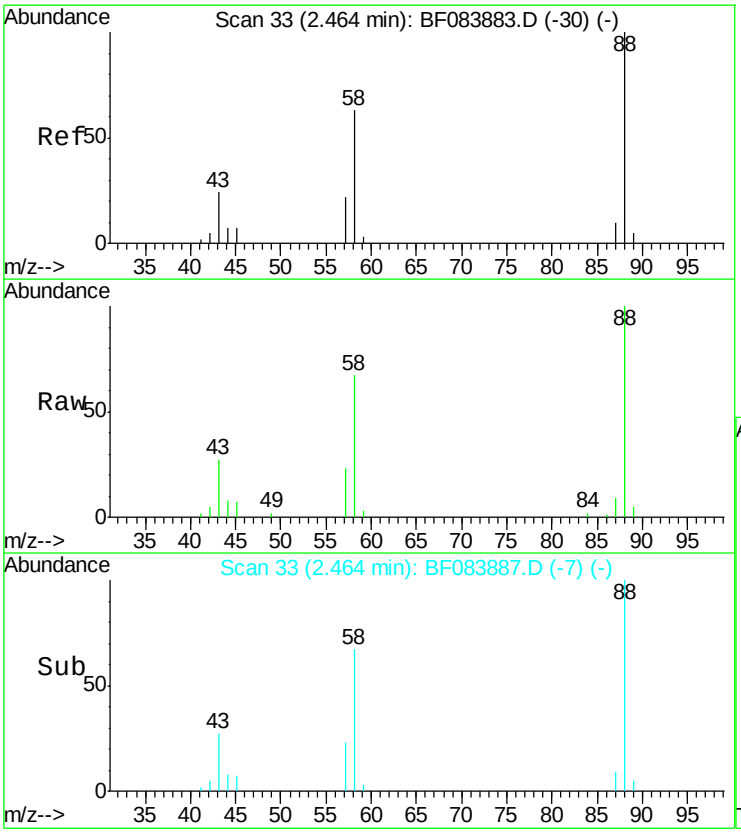
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:152 Resp: 51830

Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.0	184.4
115	62.1	51.4	77.2

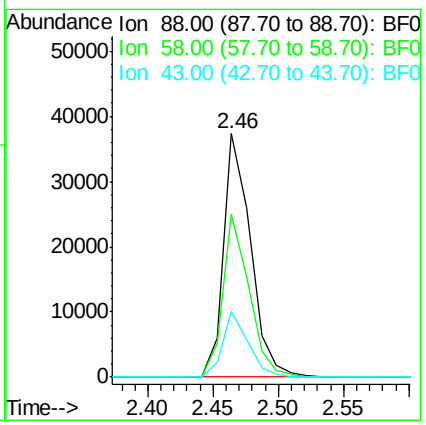


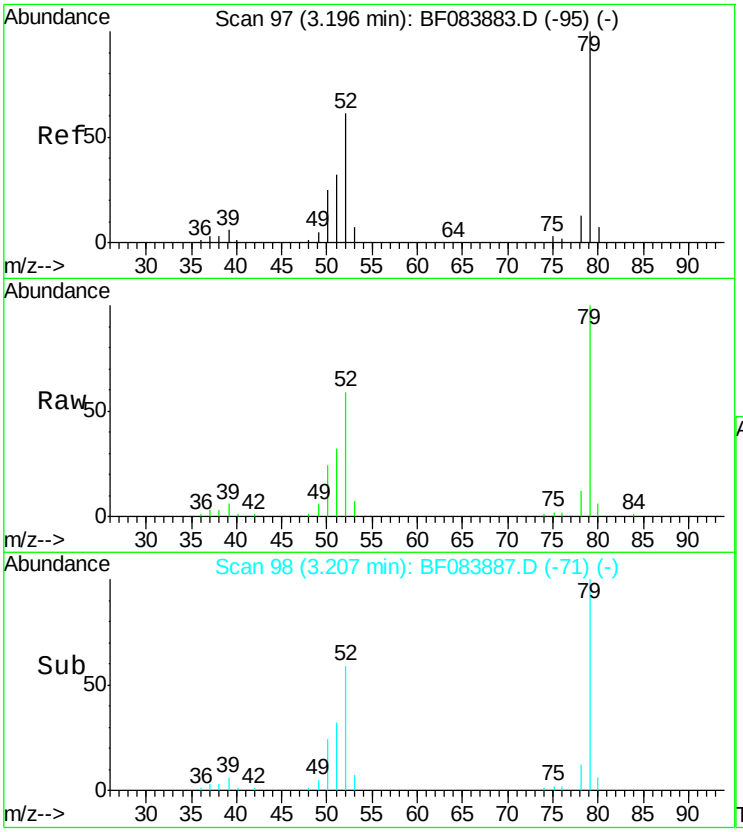


#2
1,4-Dioxane
Concen: 37.39 ng
RT: 2.46 min Scan# 33
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion: 88 Resp: 53715

Ion	Ratio	Lower	Upper
88	100		
58	65.2	51.2	76.8
43	25.2	19.5	29.3



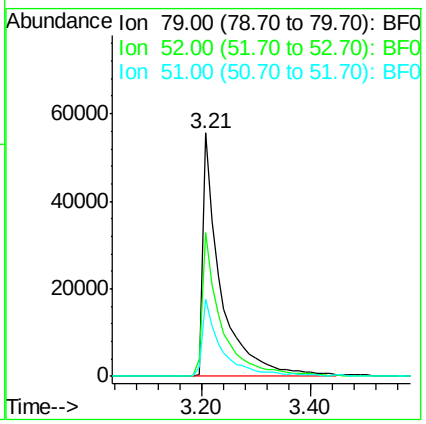


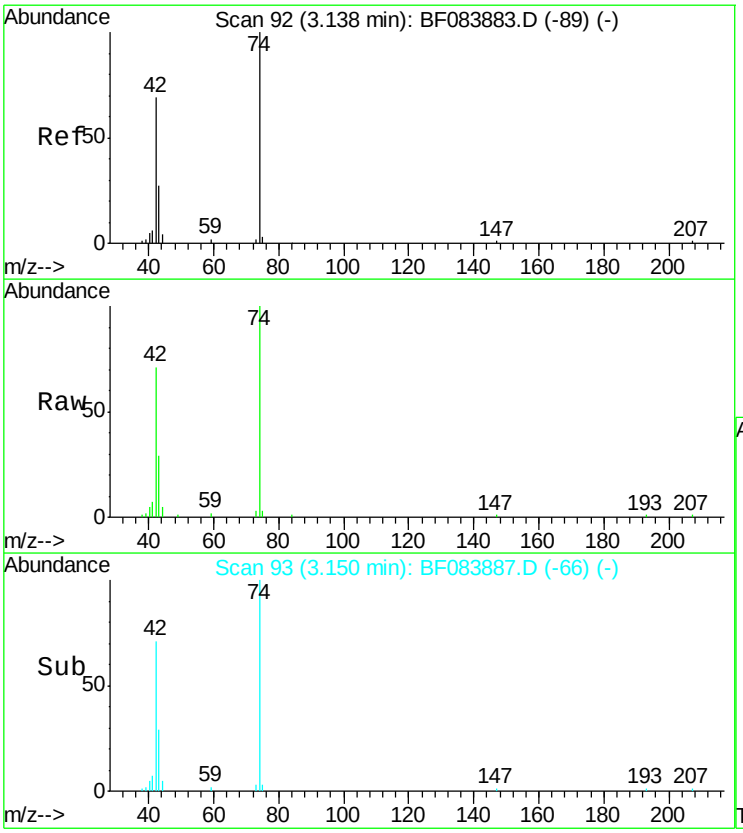
#3
Pyridine
Concen: 35.43 ng
RT: 3.21 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion: 79 Resp: 125872

Ion	Ratio	Lower	Upper
79	100		
52	59.2	49.0	73.4
51	31.6	25.2	37.8

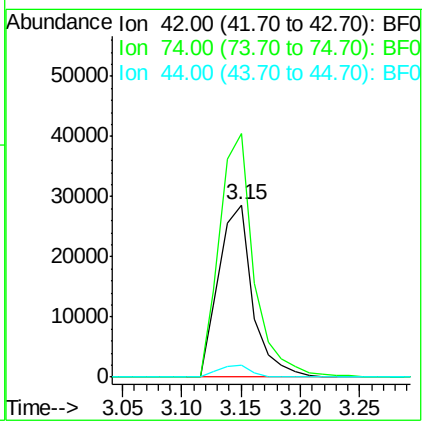


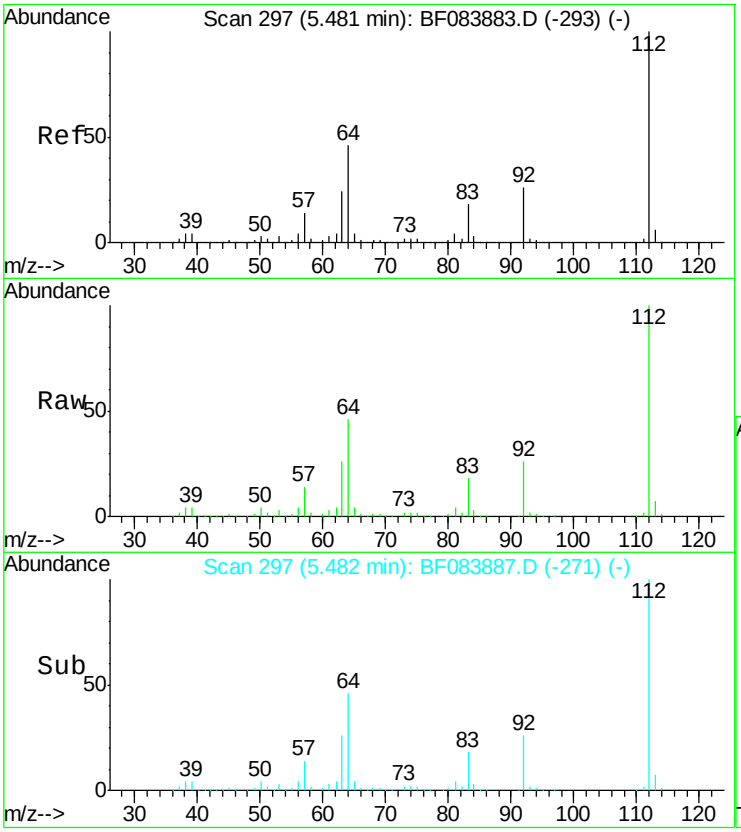


#4
n-Nitrosodimethylamine
Concen: 41.83 ng
RT: 3.15 min Scan# 93
Delta R.T. 0.01 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion: 42 Resp: 56679

Ion	Ratio	Lower	Upper
42	100		
74	141.2	115.7	173.5
44	6.9	5.1	7.7



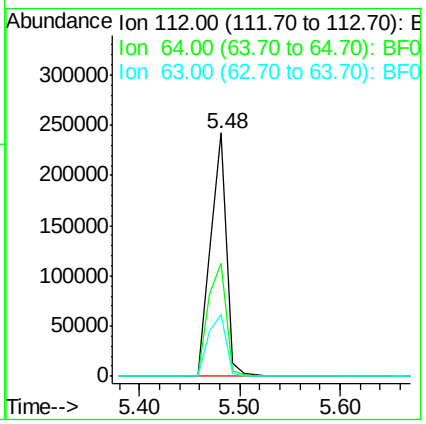


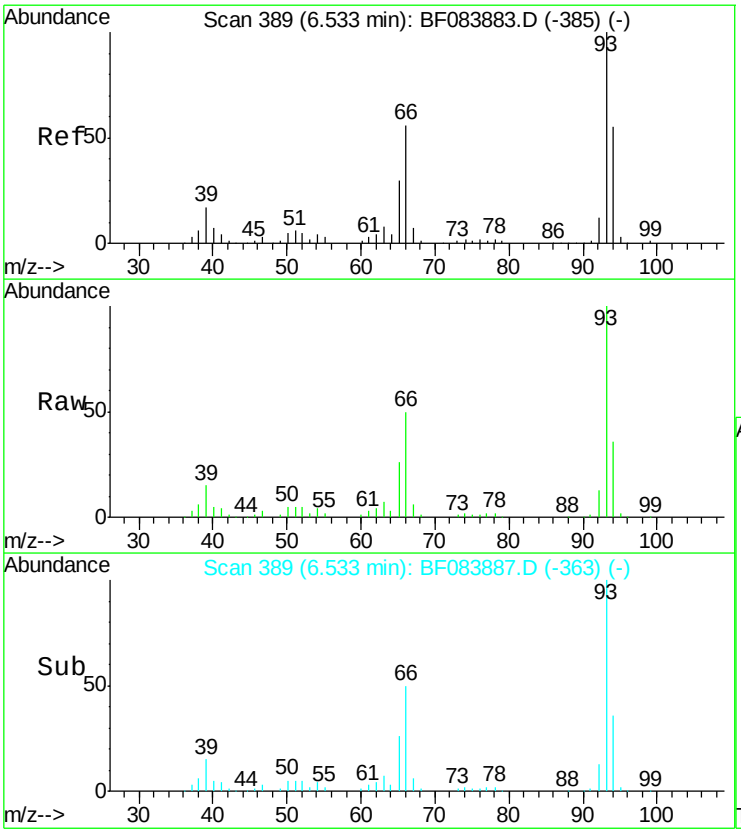
#5
2-Fluorophenol
Concen: 80.35 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:112 Resp: 266110

Ion	Ratio	Lower	Upper
112	100		
64	46.3	36.6	55.0
63	25.5	19.4	29.0

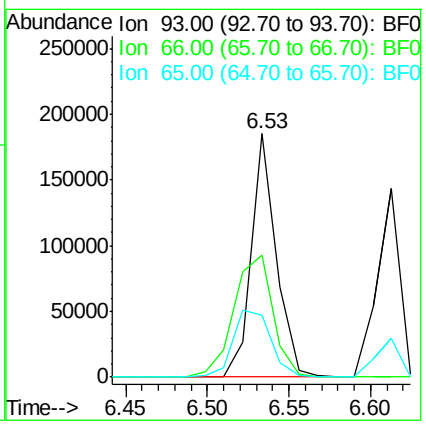


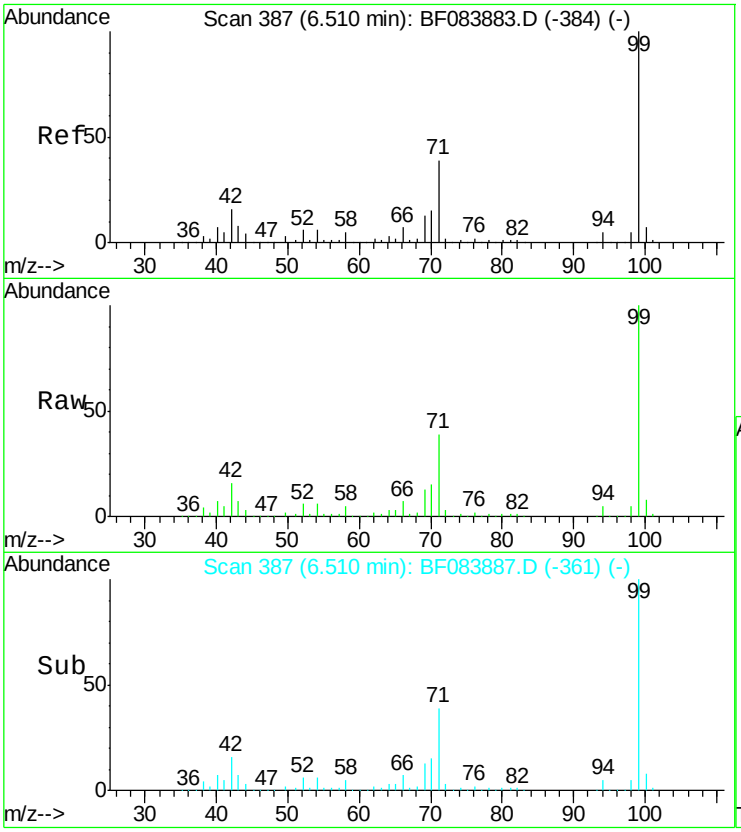


#6
Aniline
Concen: 37.86 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion: 93 Resp: 197650

Ion	Ratio	Lower	Upper
93	100		
66	50.2	44.9	67.3
65	25.6	23.7	35.5



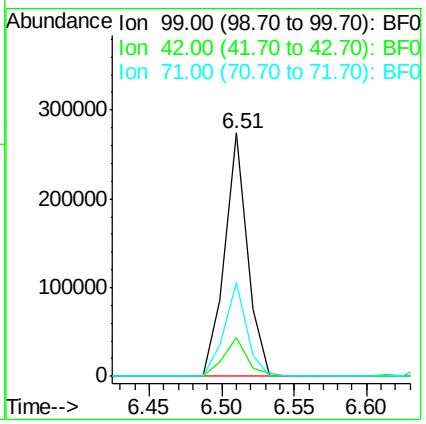


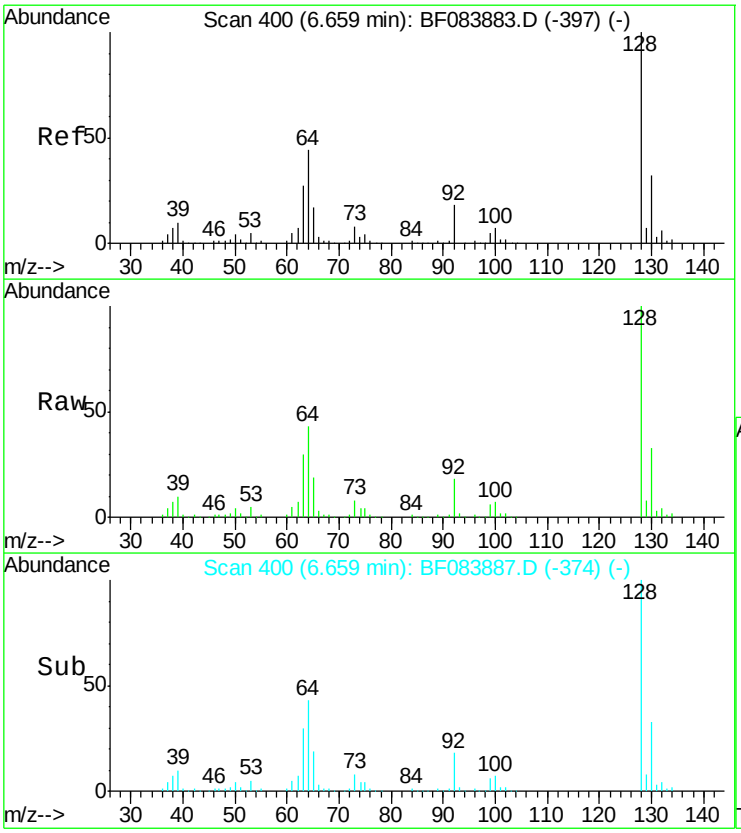
#7
Phenol-d6
Concen: 74.10 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion: 99 Resp: 300404

Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.8	19.2
71	38.6	30.9	46.3

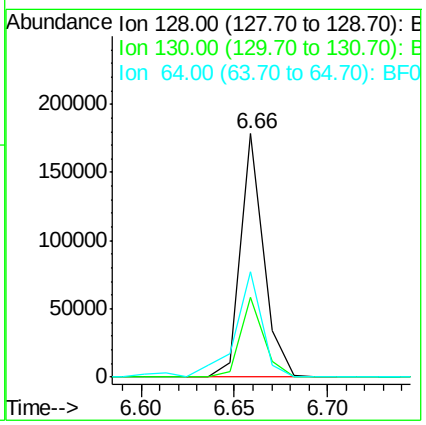


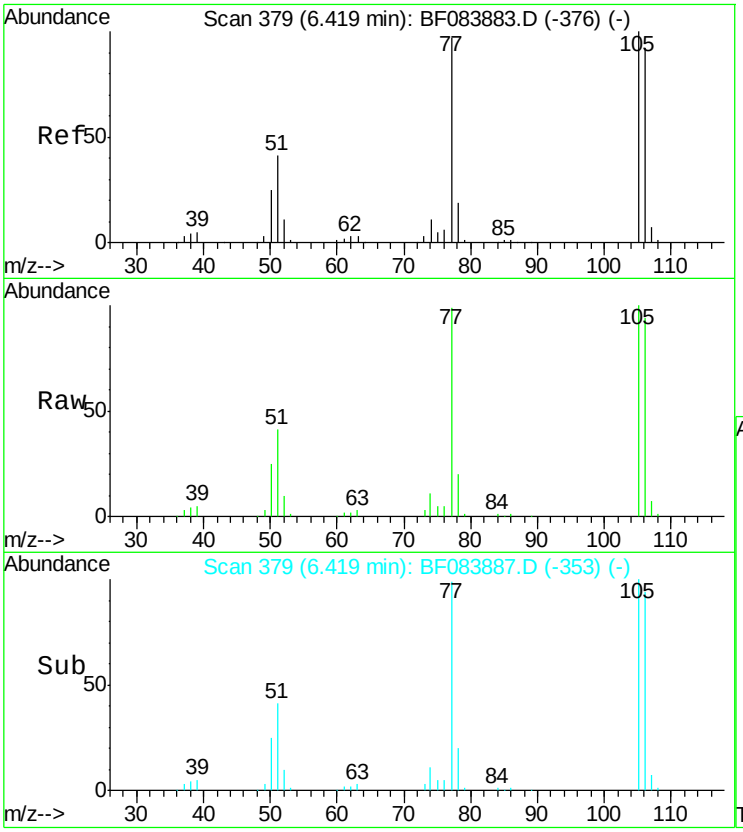


#8
2-Chlorophenol
Concen: 39.10 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:128 Resp: 154138

Ion	Ratio	Lower	Upper
128	100		
130	33.0	11.6	51.6
64	43.3	23.8	63.8



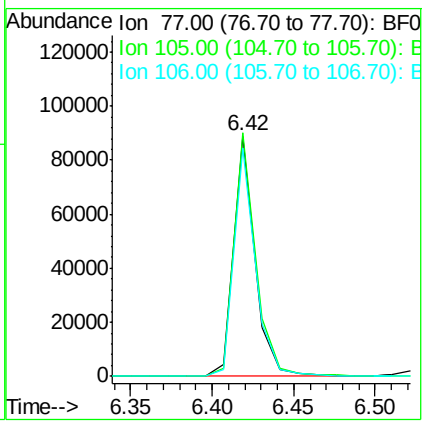


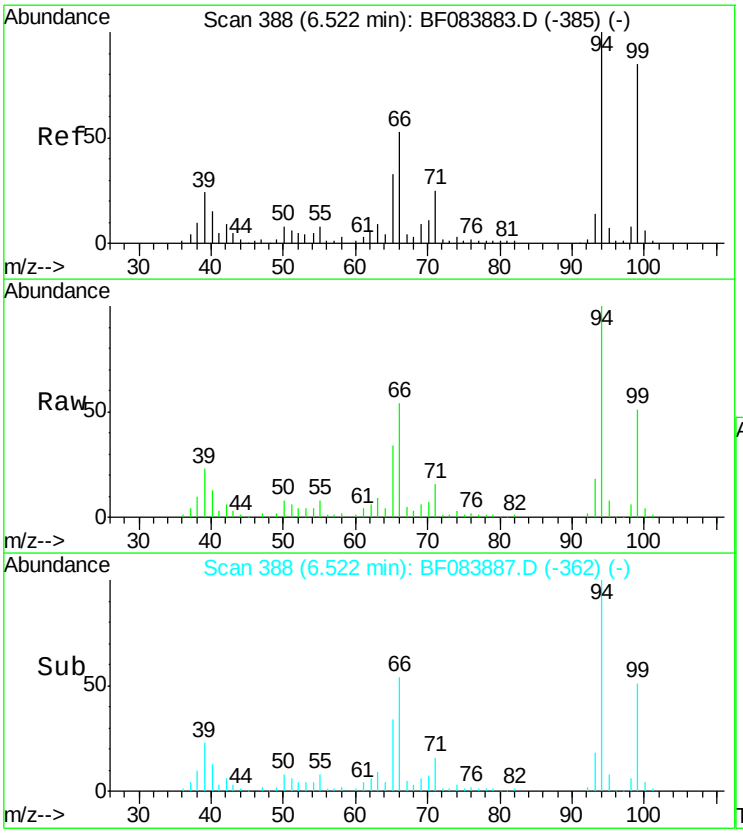
#9
Benzaldehyde
Concen: 32.49 ng
RT: 6.42 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion: 77 Resp: 79350

Ion	Ratio	Lower	Upper
77	100		
105	101.5	83.0	123.0
106	95.4	74.6	114.6

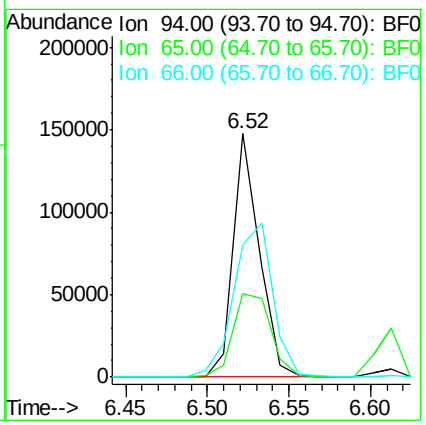


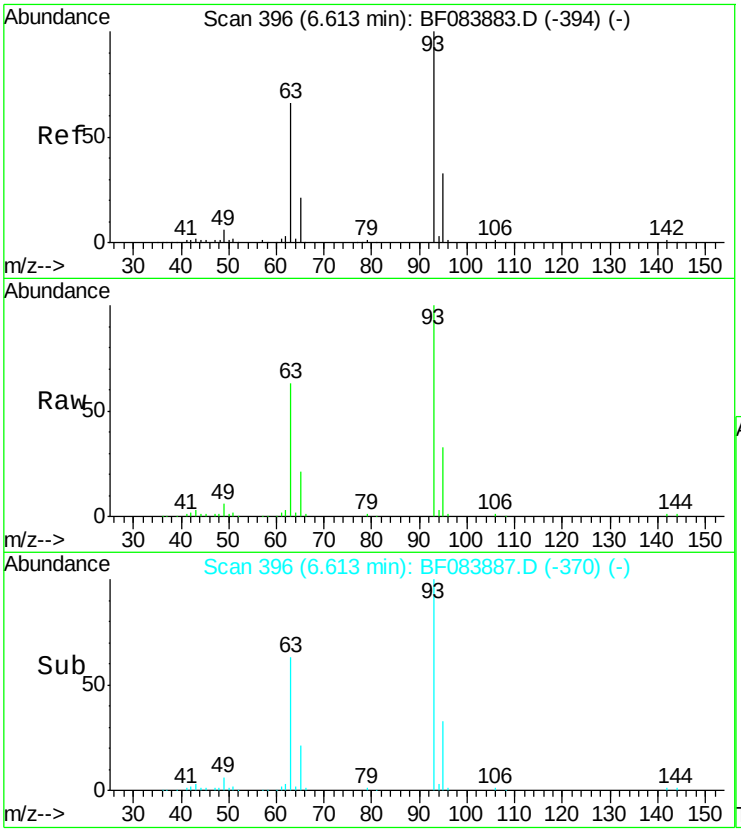


#10
Phenol
Concen: 35.88 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion: 94 Resp: 162292

Ion	Ratio	Lower	Upper
94	100		
65	34.2	12.9	52.9
66	54.5	32.7	72.7



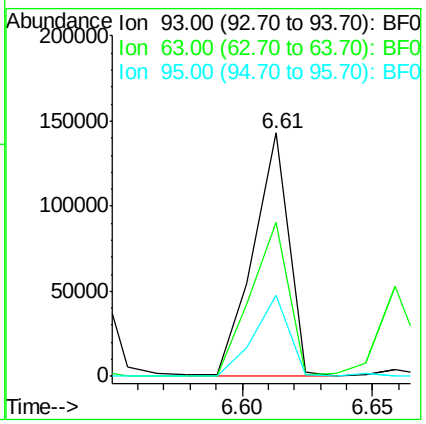


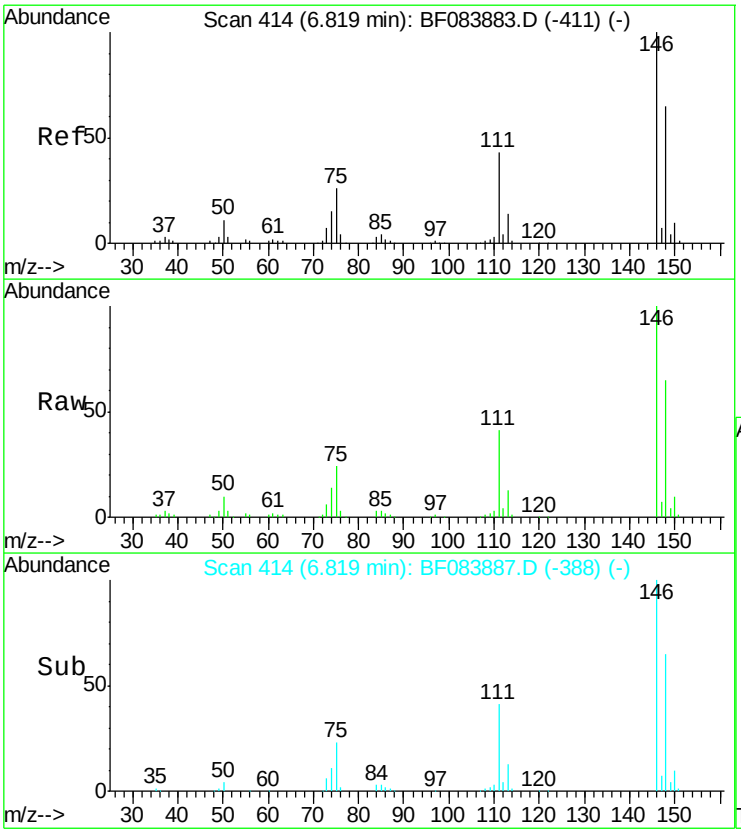
#11
bis(2-Chloroethyl)ether
Concen: 39.75 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion: 93 Resp: 136607

Ion	Ratio	Lower	Upper
93	100		
63	63.3	45.9	85.9
95	33.1	12.3	52.3

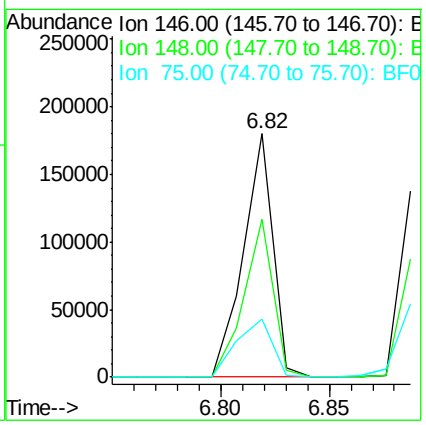


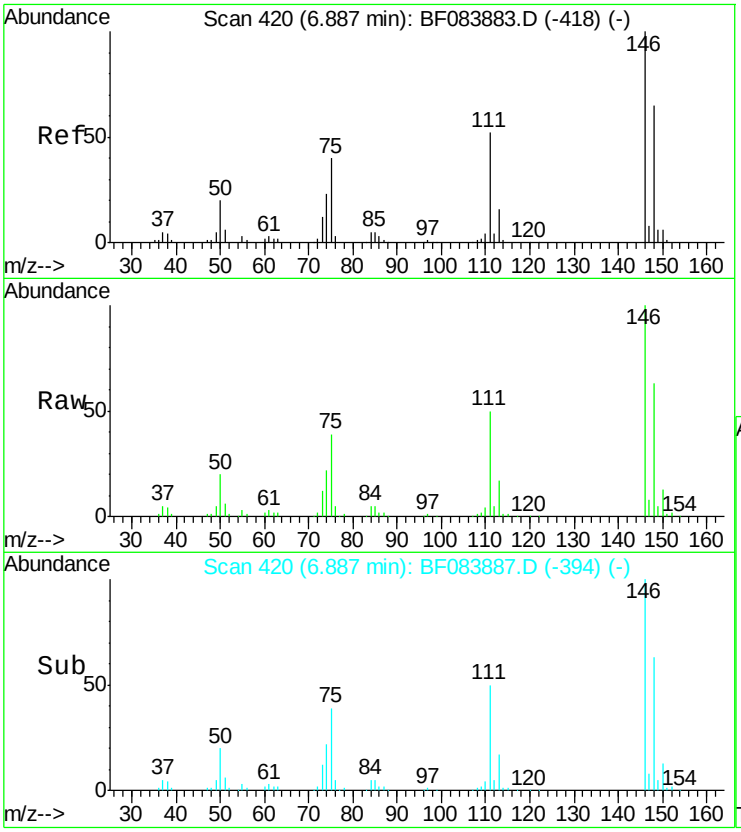


#12
1,3-Dichlorobenzene
Concen: 40.18 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:146 Resp: 170308

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
75	24.1	20.5	30.7



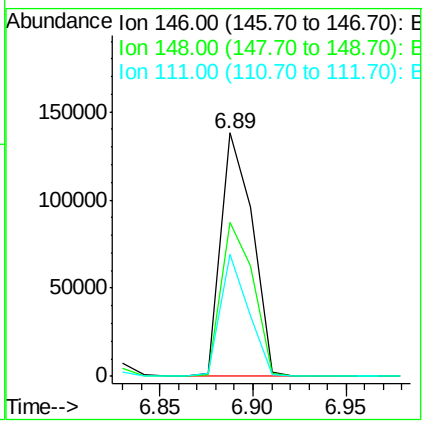


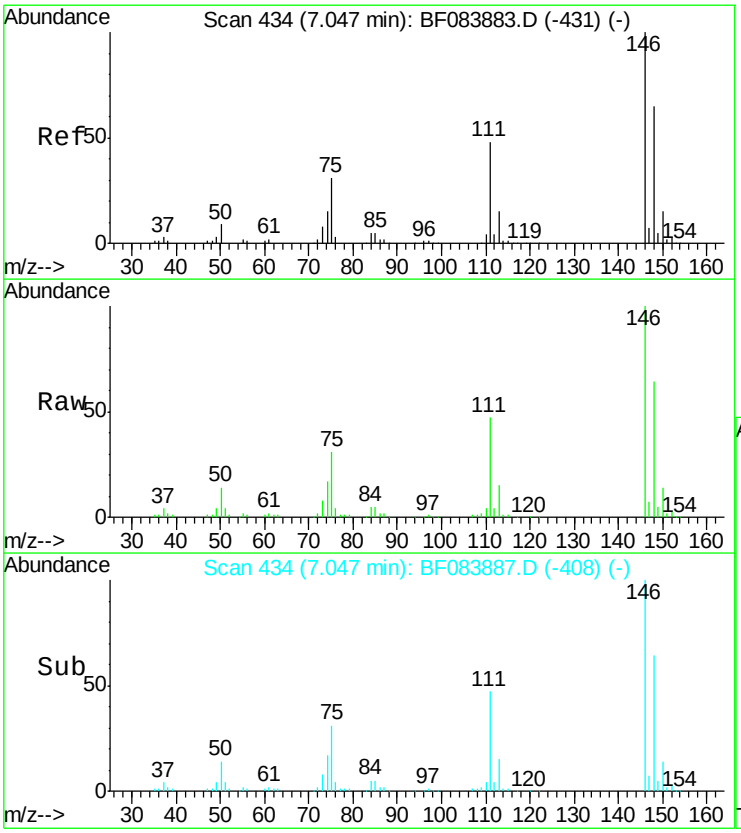
#13
1,4-Dichlorobenzene
Concen: 37.83 ng
RT: 6.89 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:146 Resp: 163735

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
111	50.2	41.6	62.4

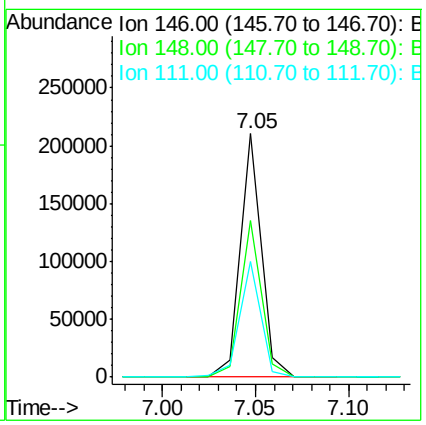


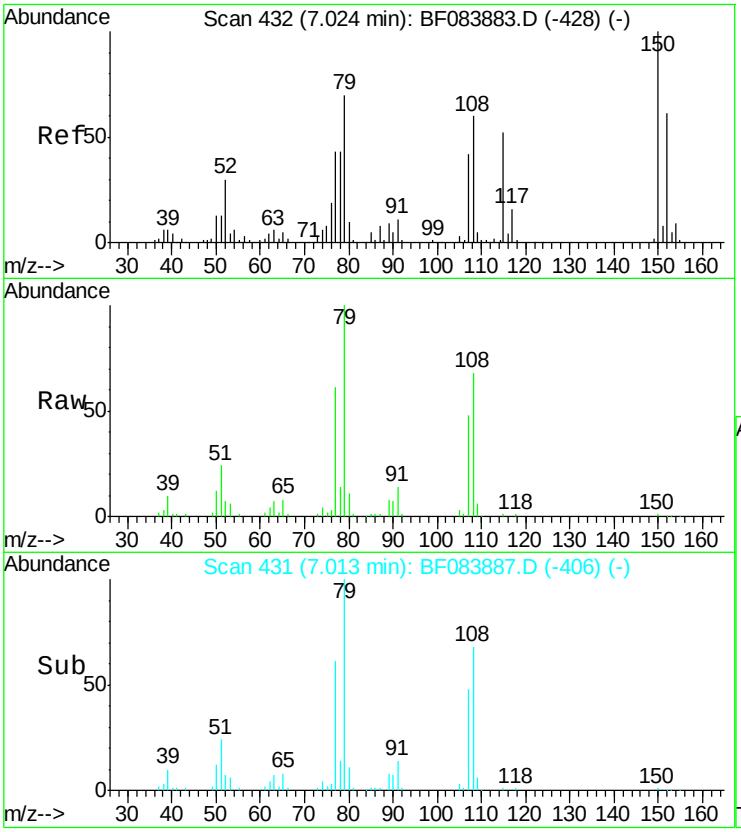


#14
1,2-Dichlorobenzene
Concen: 47.87 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:146 Resp: 166091

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
111	47.4	38.0	57.0



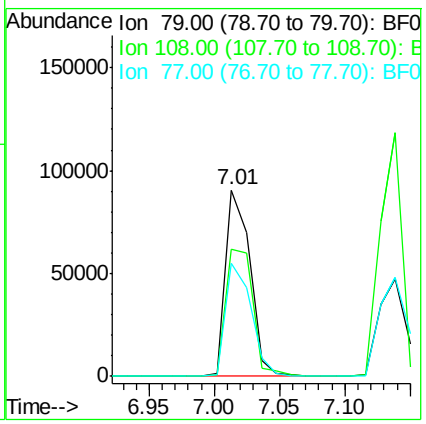


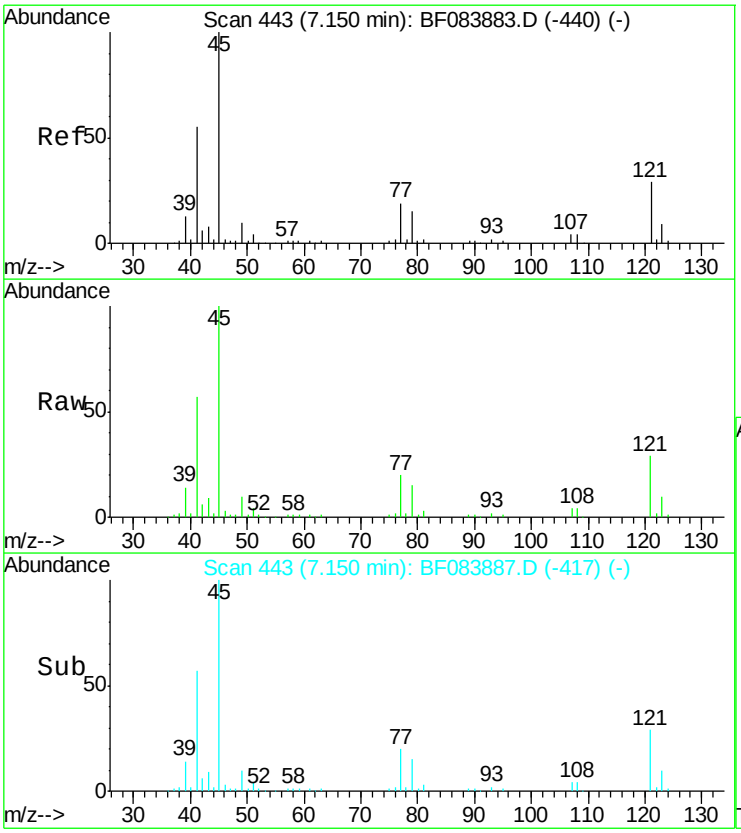
#15
Benzyl Alcohol
Concen: 38.37 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion: 79 Resp: 117725

Ion	Ratio	Lower	Upper
79	100		
108	68.3	69.0	103.4#
77	60.8	50.0	75.0

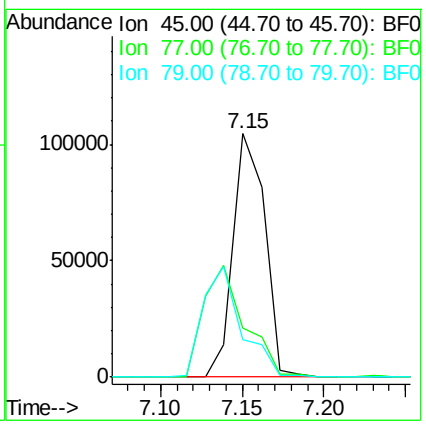


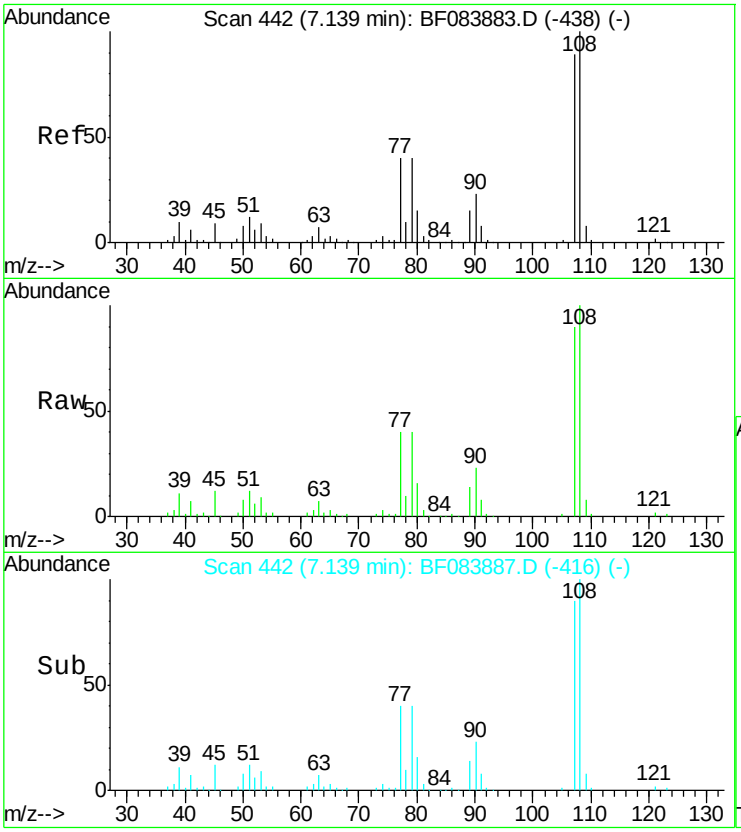


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.48 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion: 45 Resp: 139880

Ion	Ratio	Lower	Upper
45	100		
77	20.0	0.0	39.6
79	15.3	0.0	35.0



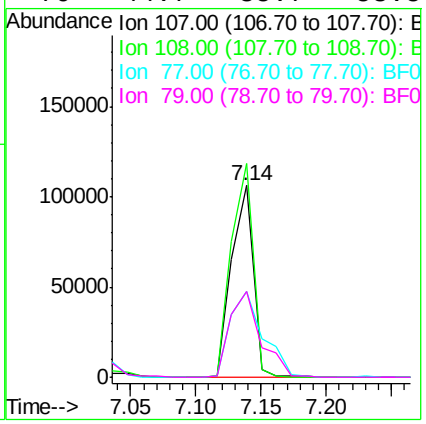


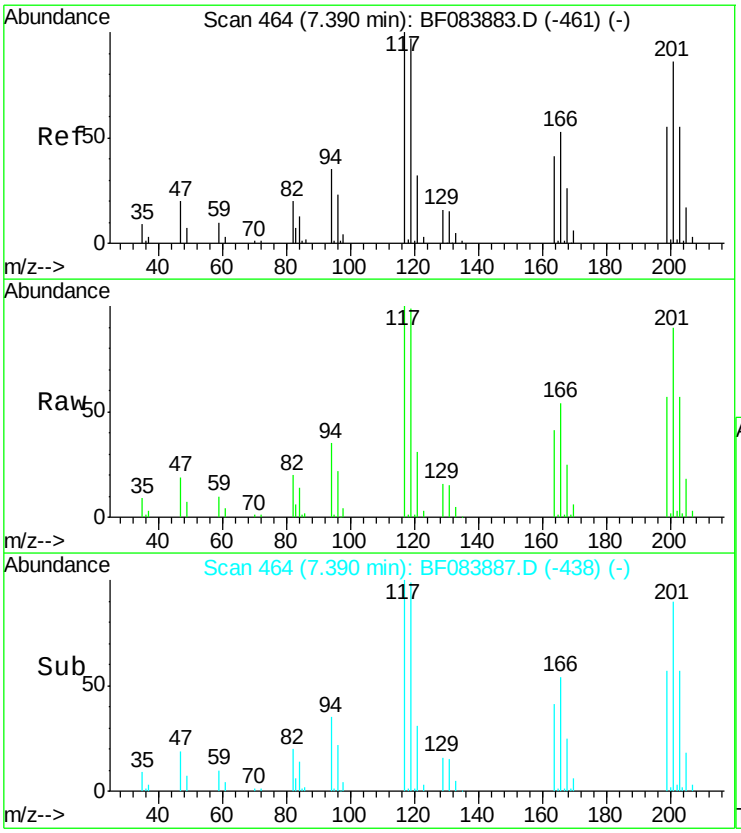
#17
2-Methylphenol
Concen: 39.48 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:107 Resp: 122069

Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.8	134.6
77	45.1	35.7	53.5
79	44.7	35.7	53.5

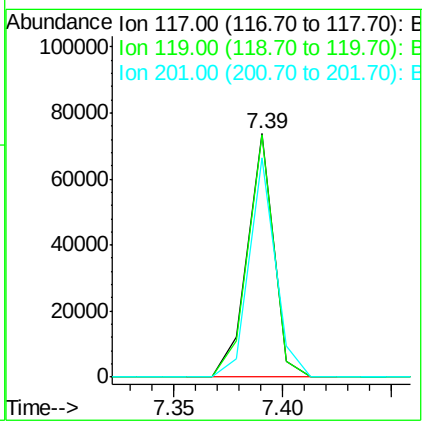


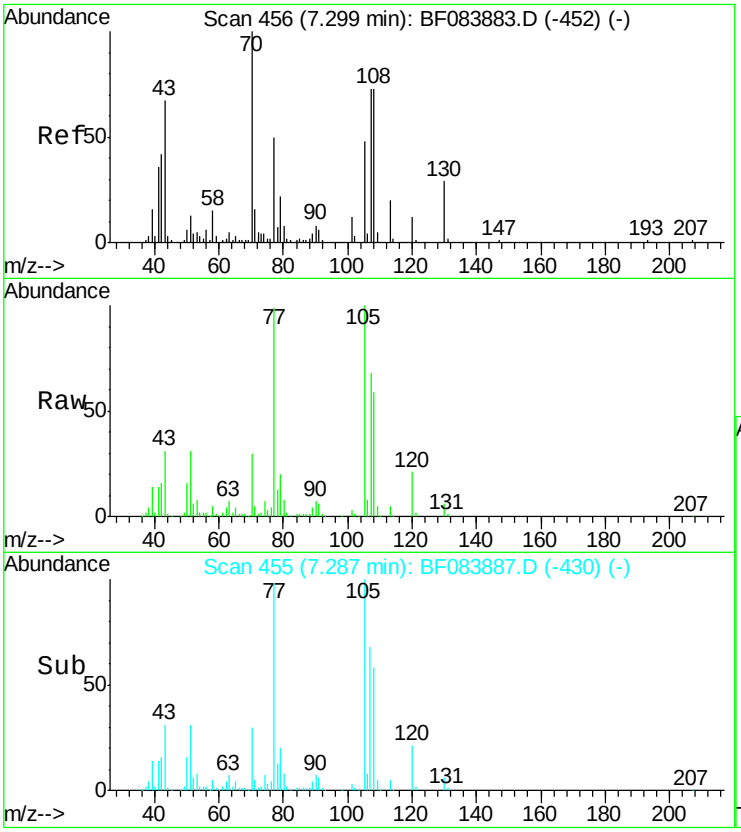


#18
Hexachloroethane
Concen: 39.14 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:117 Resp: 62156

Ion	Ratio	Lower	Upper
117	100		
119	99.4	77.4	116.0
201	90.2	68.6	103.0



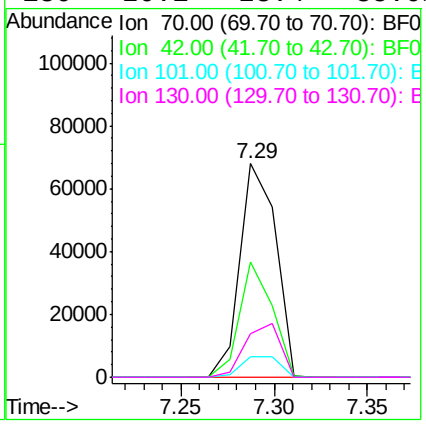


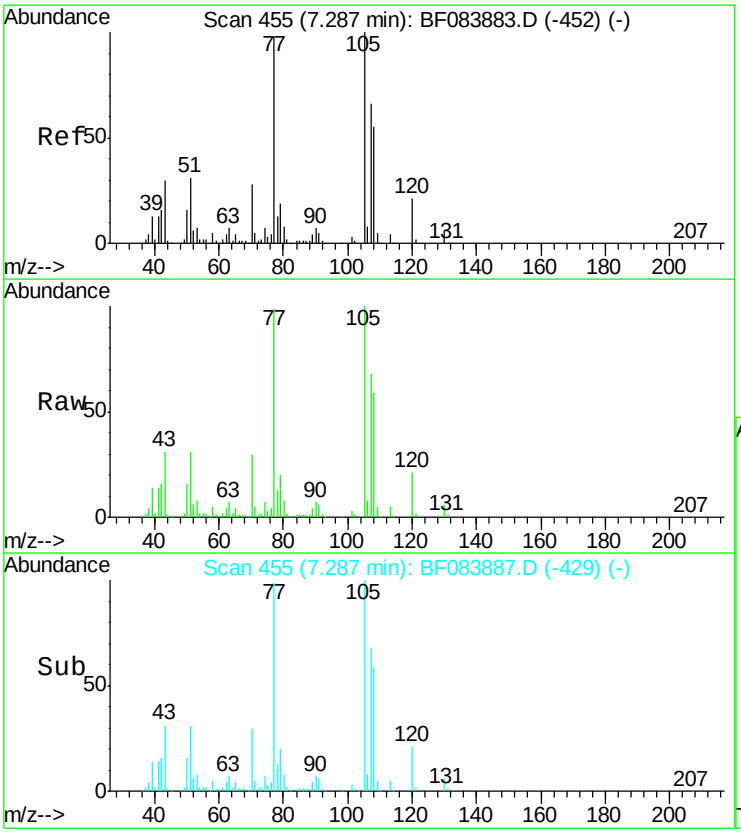
#19
n-Nitroso-di-n-propylamine
Concen: 38.47 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion: 70 Resp: 90904

Ion	Ratio	Lower	Upper
70	100		
42	54.0	33.3	49.9#
101	9.4	9.3	13.9
130	20.1	23.4	35.0#

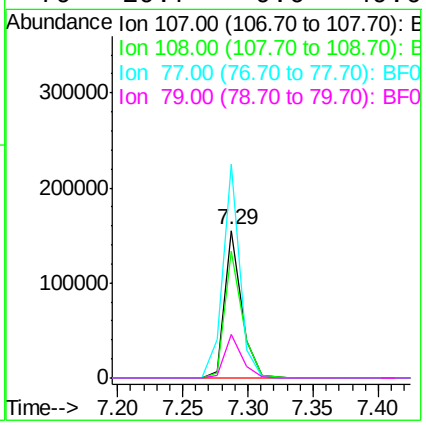


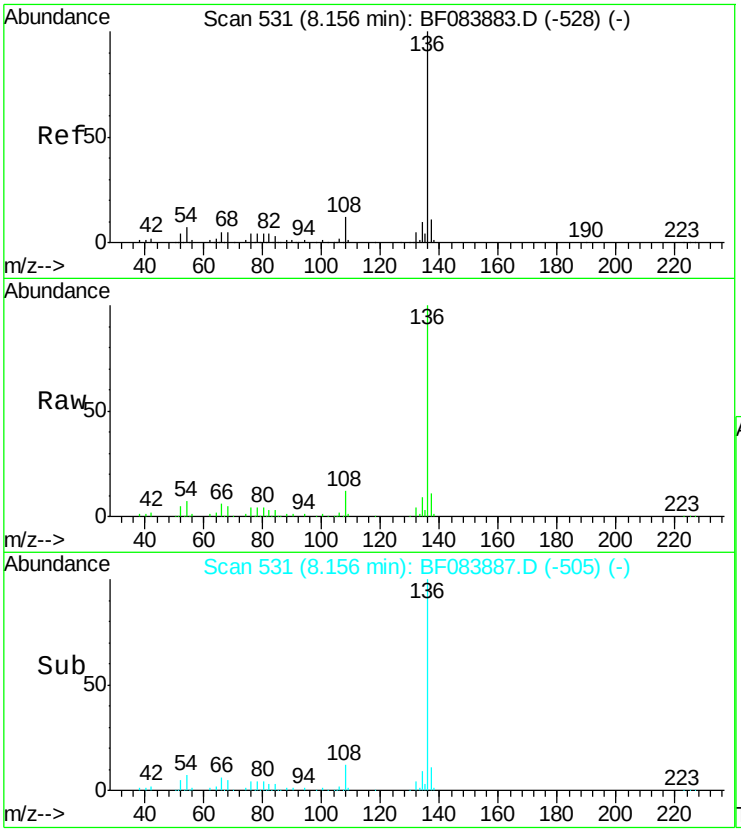


#20
3+4-Methylphenols
Concen: 38.83 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:107 Resp: 141094

Ion	Ratio	Lower	Upper
107	100		
108	86.2	64.1	104.1
77	144.7	128.9	168.9
79	29.7	9.6	49.6



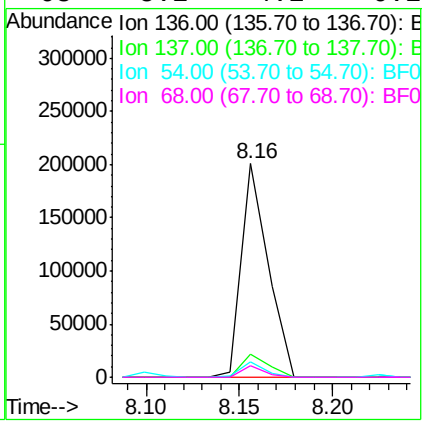


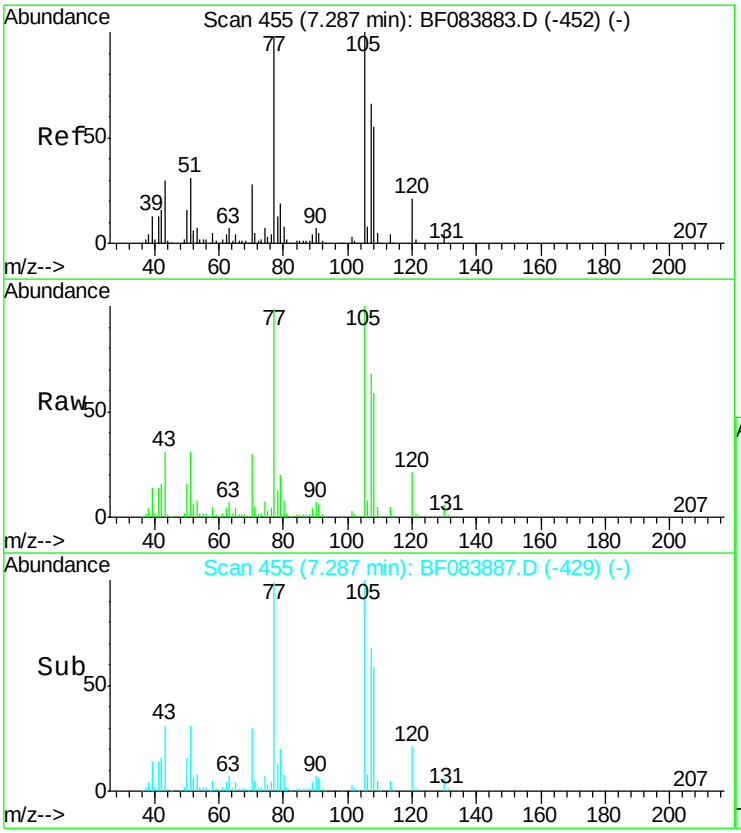
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:136 Resp: 200098

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.1	5.8	8.8
68	5.2	4.2	6.2

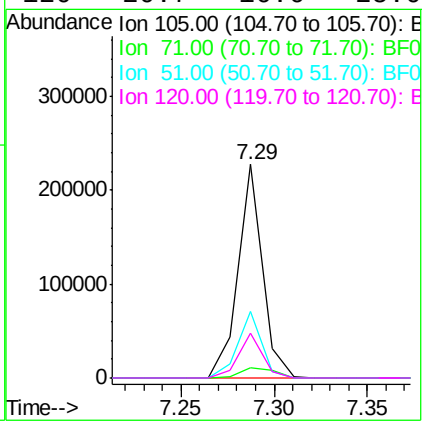


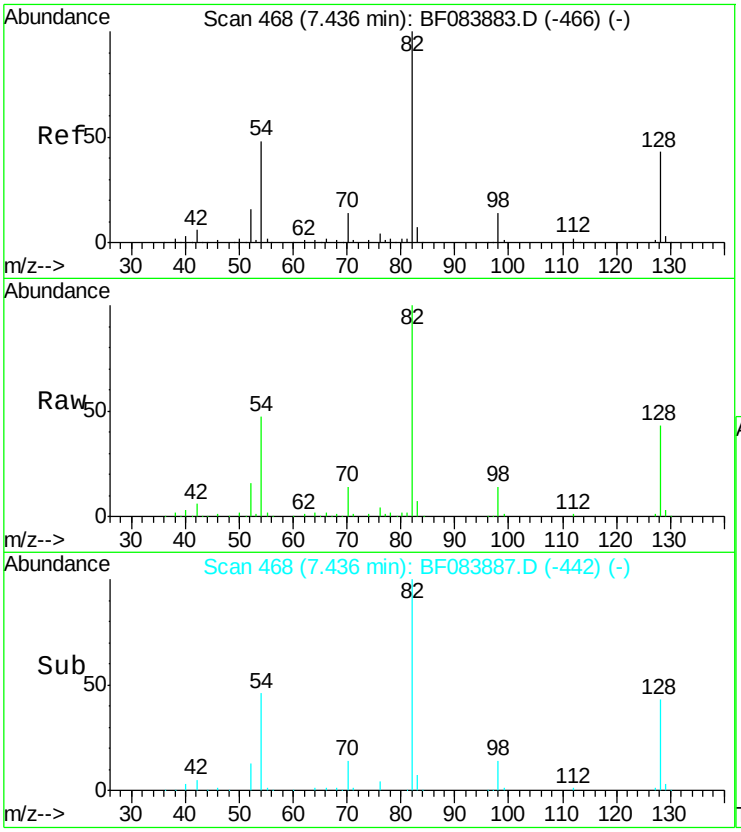


#22
Acetophenone
Concen: 43.15 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:105 Resp: 207878

Ion	Ratio	Lower	Upper
105	100		
71	5.0	3.7	5.5
51	31.3	25.1	37.7
120	20.7	16.6	25.0



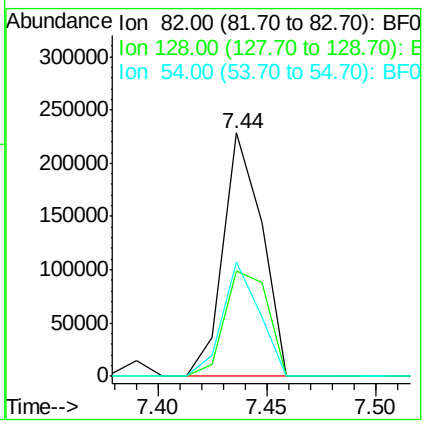


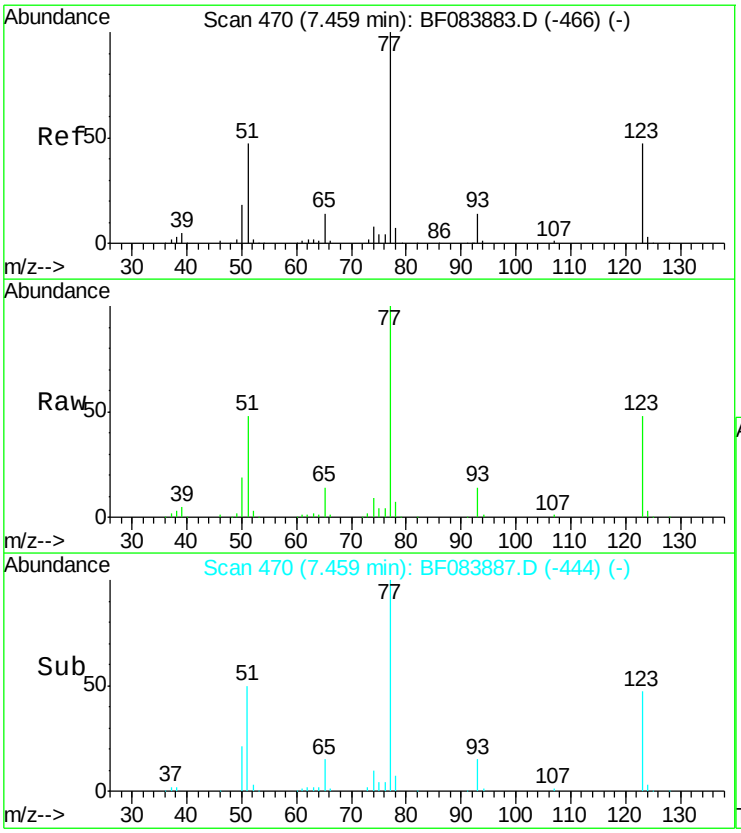
#23
Nitrobenzene-d5
Concen: 80.08 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion: 82 Resp: 280773

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	47.1	38.4	57.6

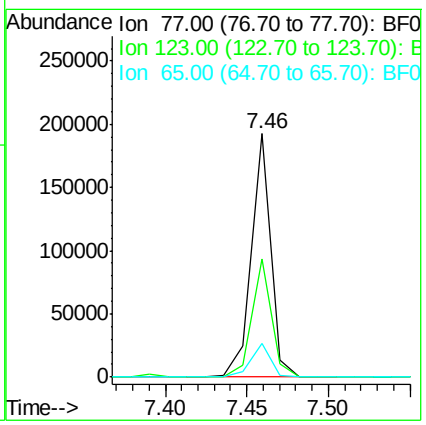


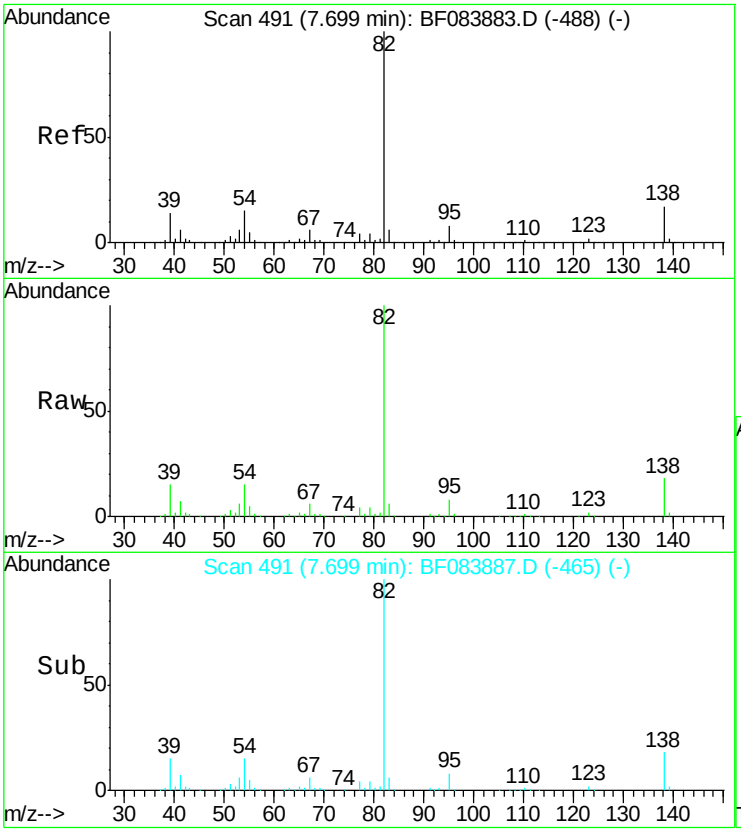


#24
Nitrobenzene
Concen: 44.01 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion: 77 Resp: 159563

Ion	Ratio	Lower	Upper
77	100		
123	48.4	37.4	56.2
65	13.7	10.9	16.3



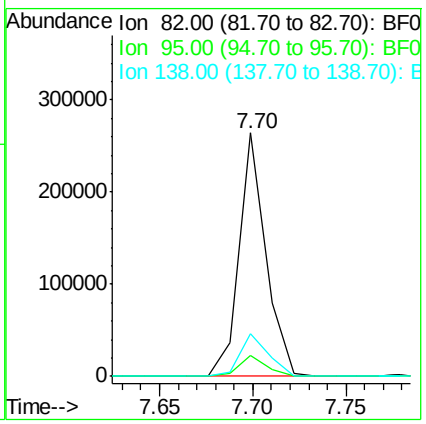


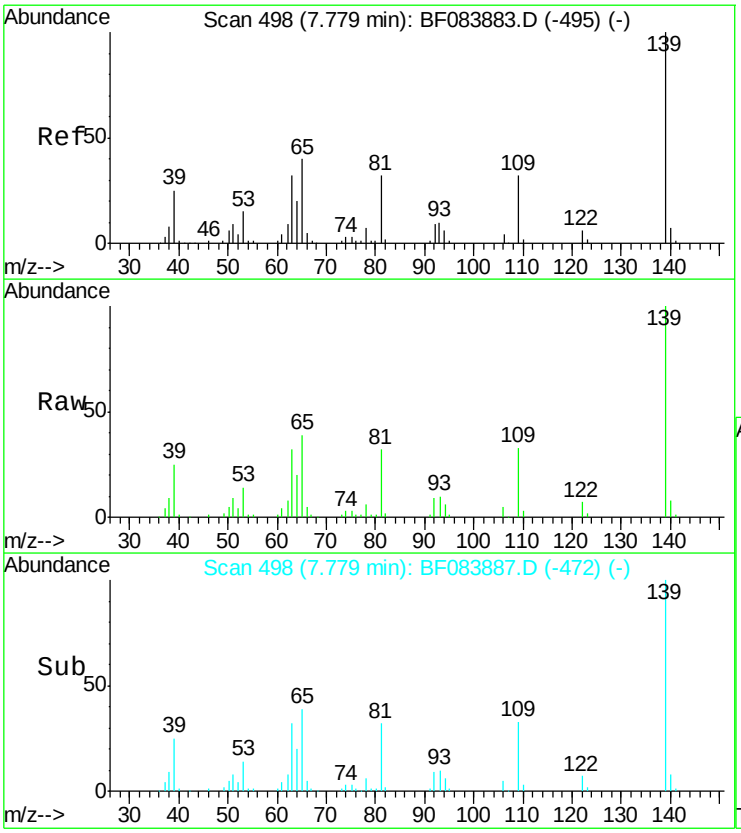
#25
Isophorone
Concen: 40.06 ng
RT: 7.70 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion: 82 Resp: 264239

Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.6	10.0
138	17.6	13.6	20.4

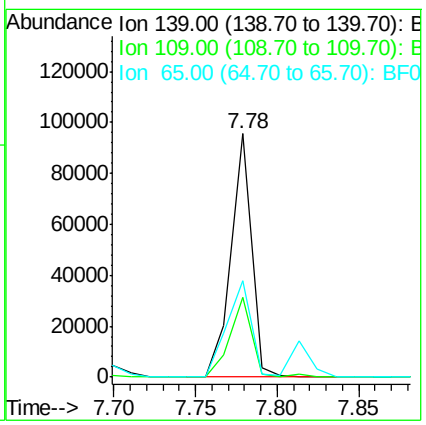


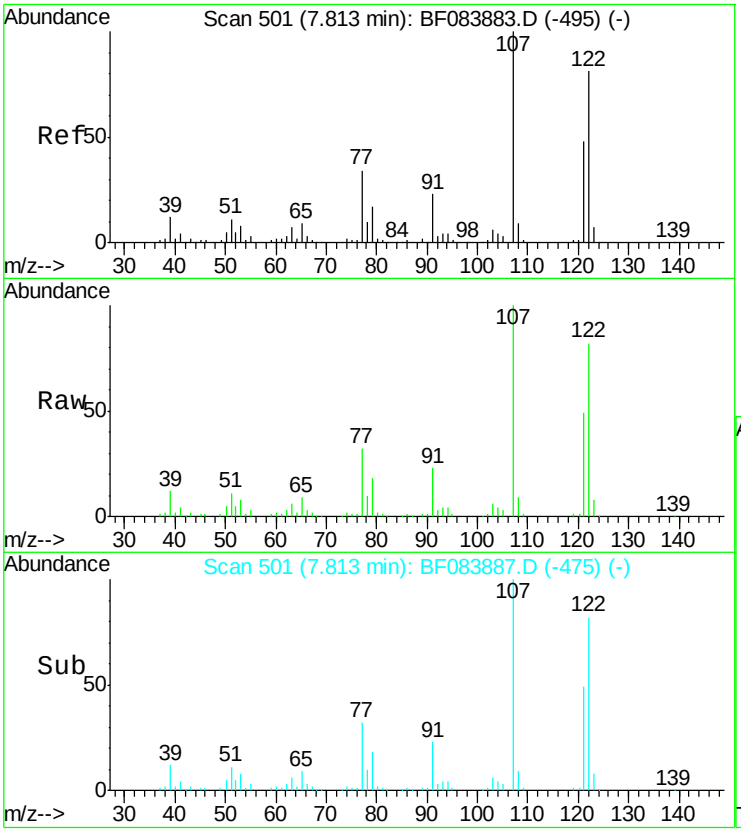


#26
2-Nitrophenol
Concen: 44.07 ng
RT: 7.78 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:139 Resp: 82721

Ion	Ratio	Lower	Upper
139	100		
109	32.6	25.4	38.2
65	39.5	32.3	48.5



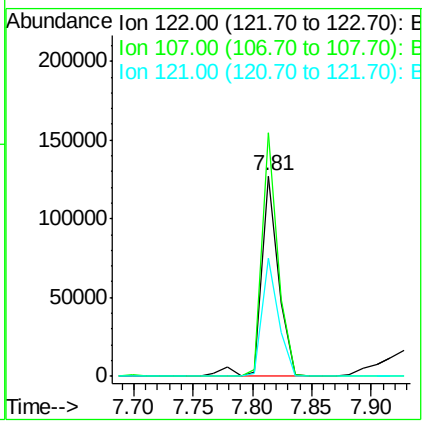


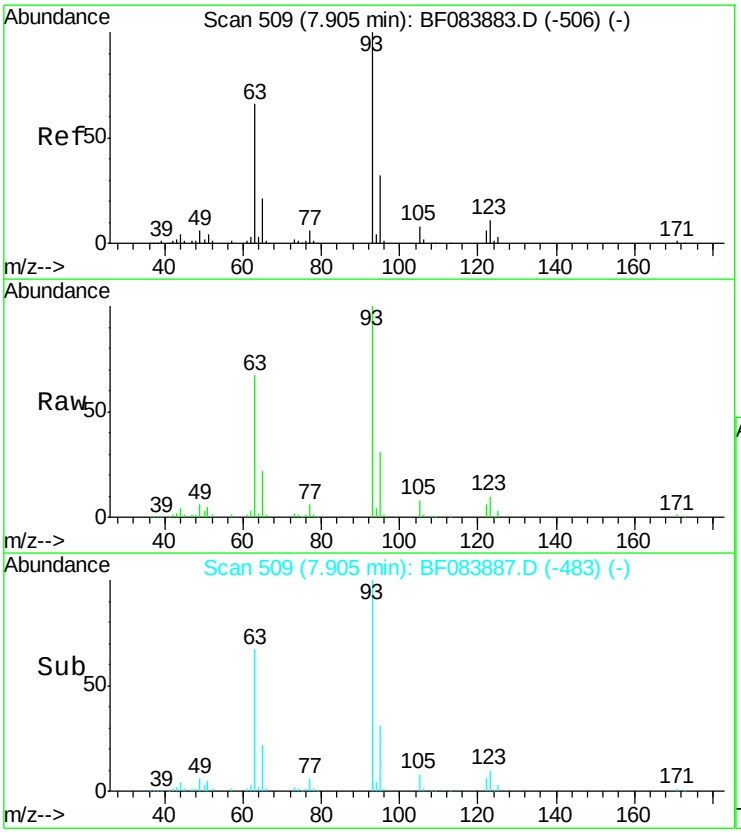
#27
2,4-Dimethylphenol
Concen: 39.40 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:122 Resp: 127389

Ion	Ratio	Lower	Upper
122	100		
107	121.6	99.1	148.7
121	59.2	47.9	71.9

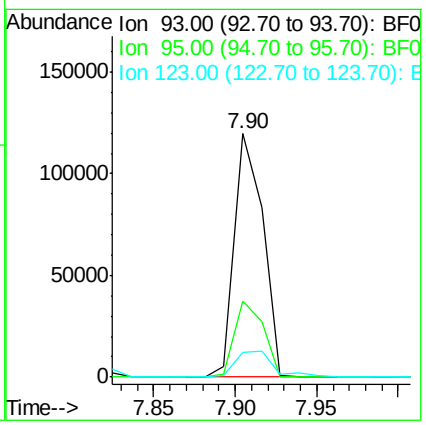


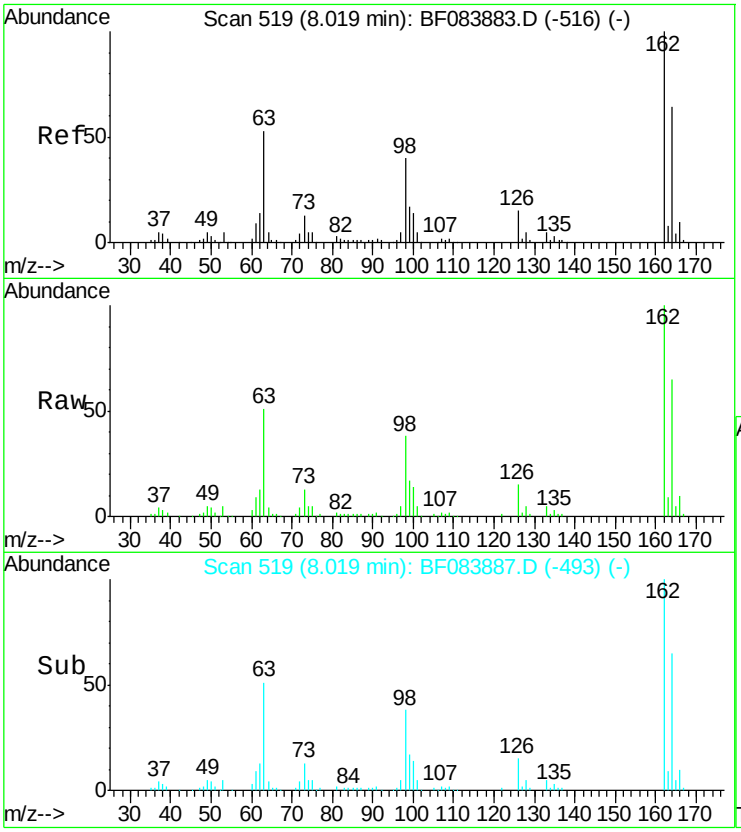


#28
bis(2-Chloroethoxy)methane
Concen: 36.78 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion: 93 Resp: 143517

Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.8	38.6
123	10.4	8.6	12.8



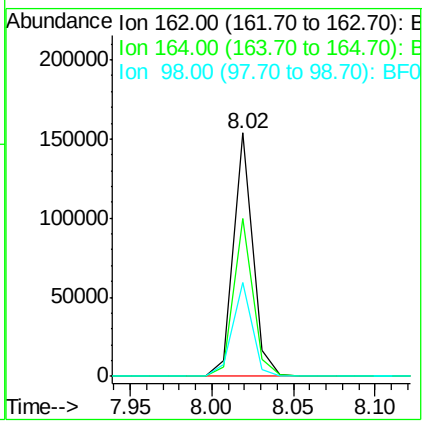


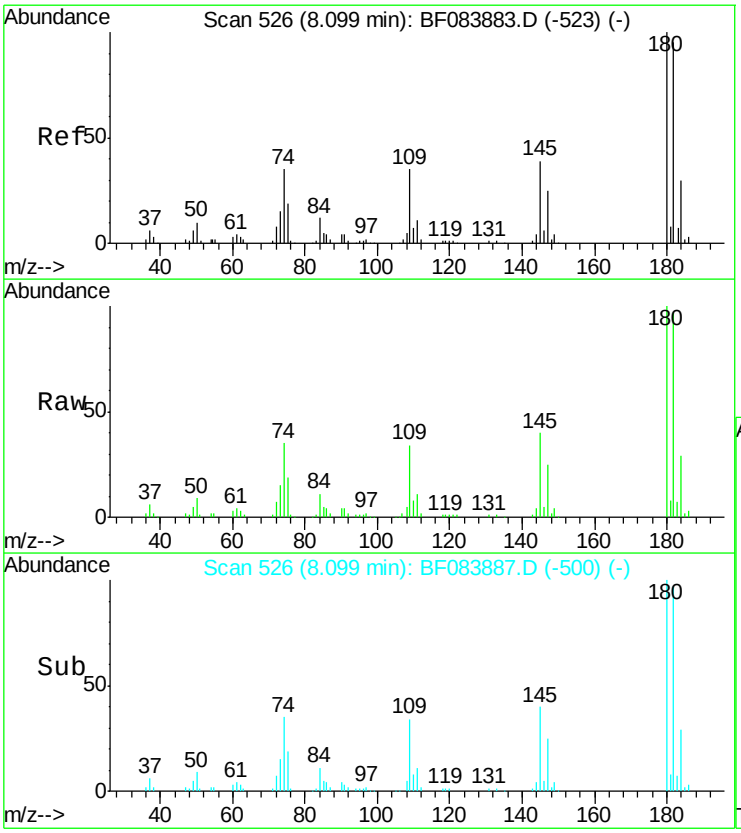
#29
2,4-Dichlorophenol
Concen: 42.40 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:162 Resp: 124361

Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.1	84.1
98	38.4	20.2	60.2

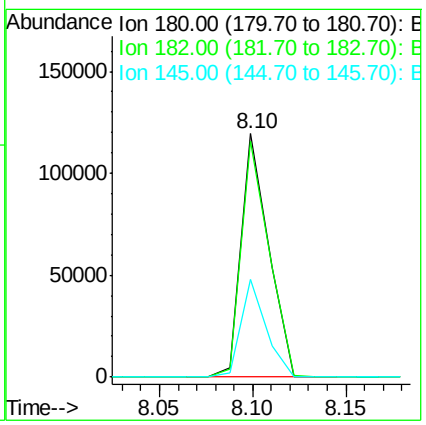


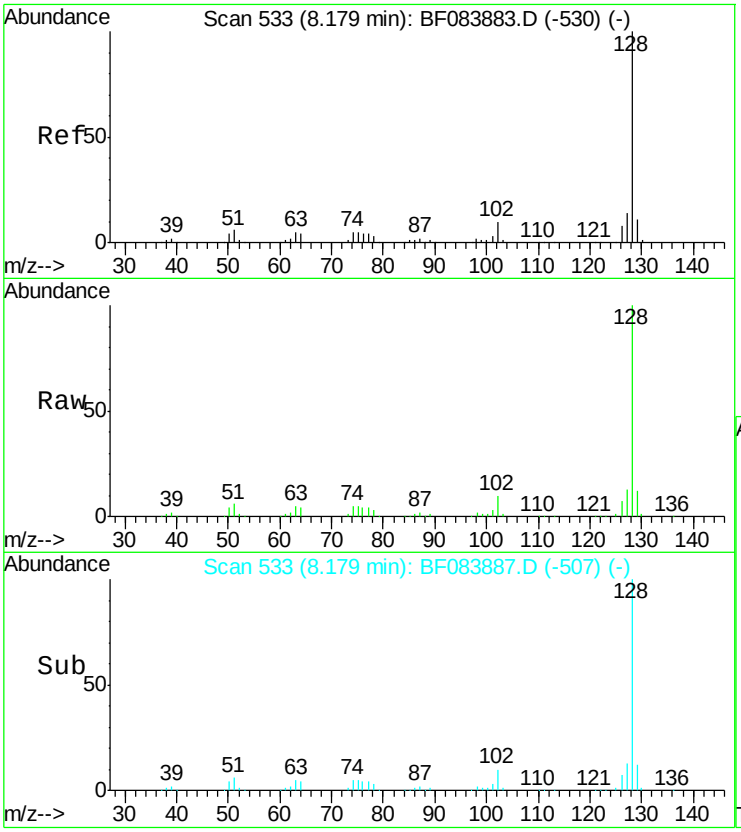


#30
1,2,4-Trichlorobenzene
Concen: 38.86 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:180 Resp: 122404

Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.4	114.6
145	40.0	31.6	47.4



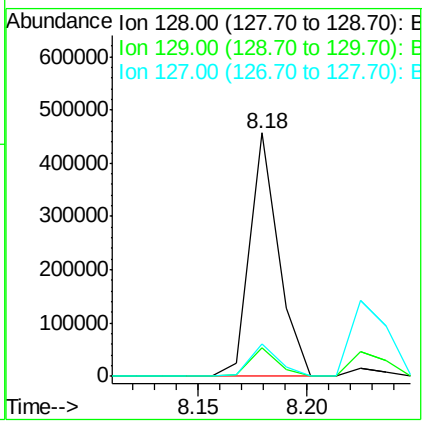


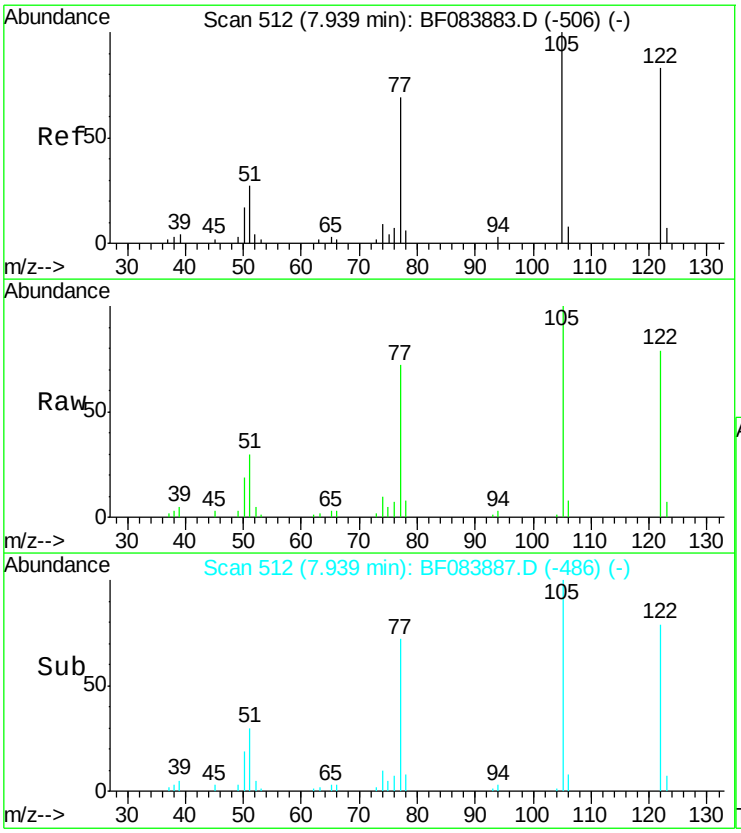
#31
Naphthalene
Concen: 41.45 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:128 Resp: 419611

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.4	11.1	16.7

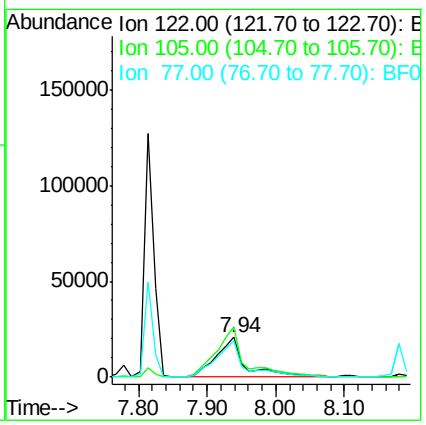


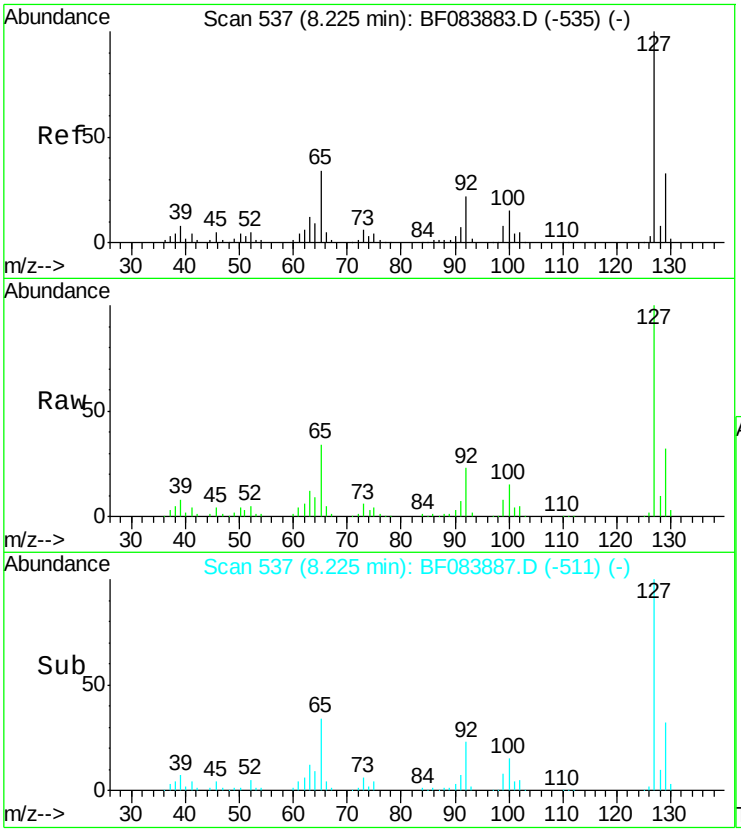


#32
Benzoic acid
Concen: 51.14 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:122 Resp: 62500

Ion	Ratio	Lower	Upper
122	100		
105	125.9	100.3	140.3
77	91.0	63.5	103.5



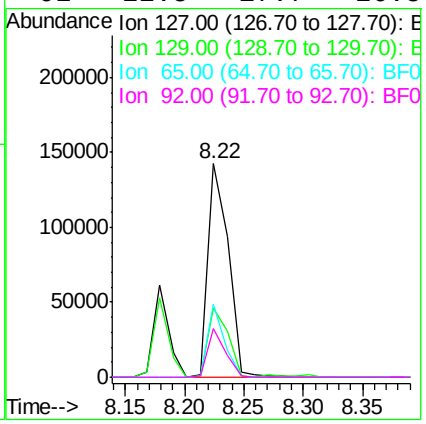


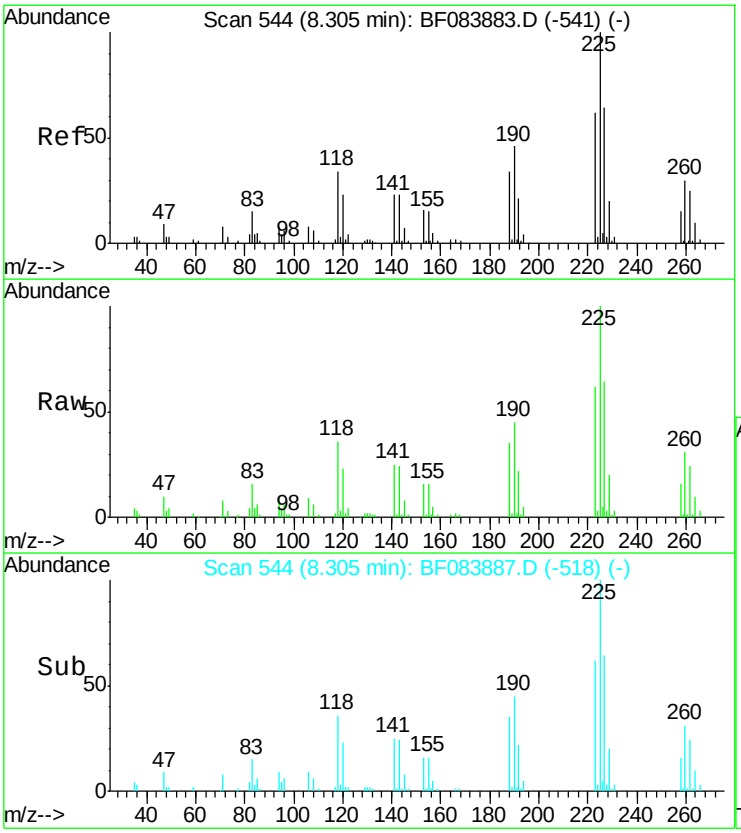
#33
4-Chloroaniline
Concen: 37.13 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:127 Resp: 168639

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	34.0	27.2	40.8
92	22.5	17.7	26.5

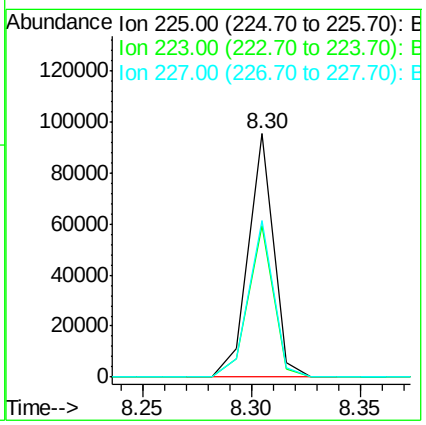


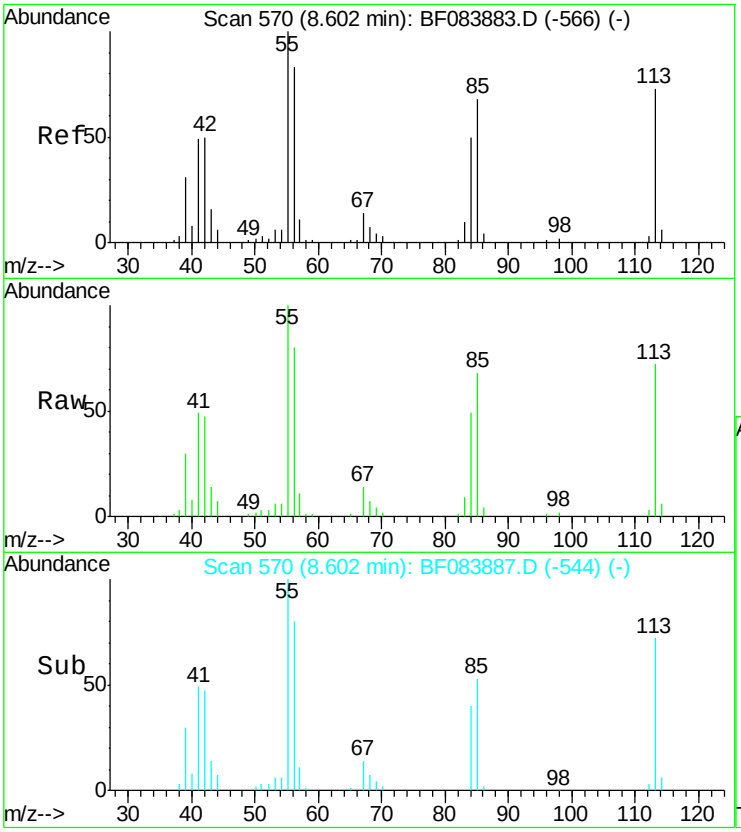


#34
Hexachlorobutadiene
Concen: 39.22 ng
RT: 8.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:225 Resp: 77151

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.4	74.0
227	64.2	50.8	76.2



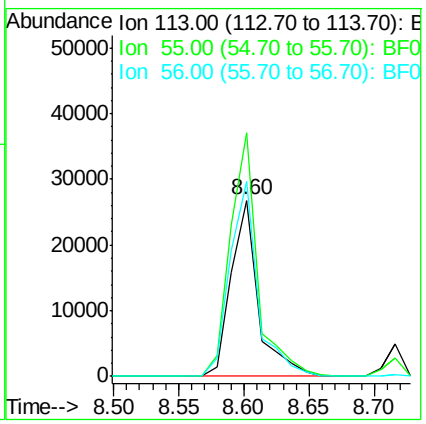


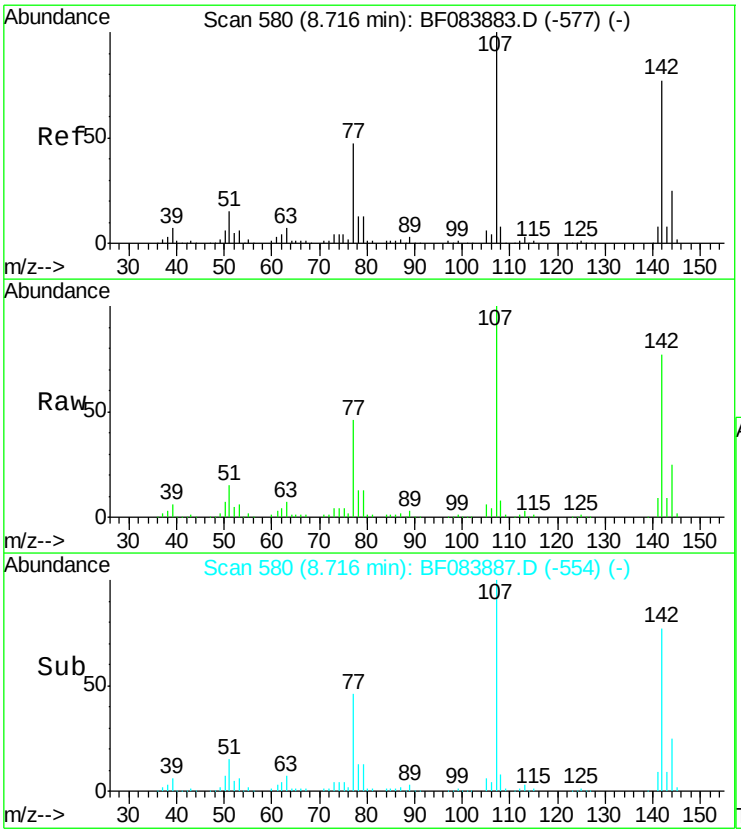
#35
Caprolactam
Concen: 39.47 ng
RT: 8.60 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:113 Resp: 38255

Ion	Ratio	Lower	Upper
113	100		
55	138.4	116.9	156.9
56	110.5	93.8	133.8

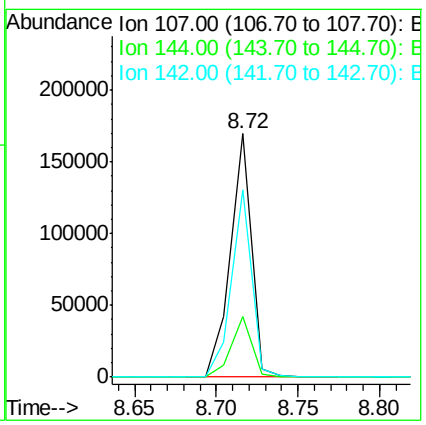


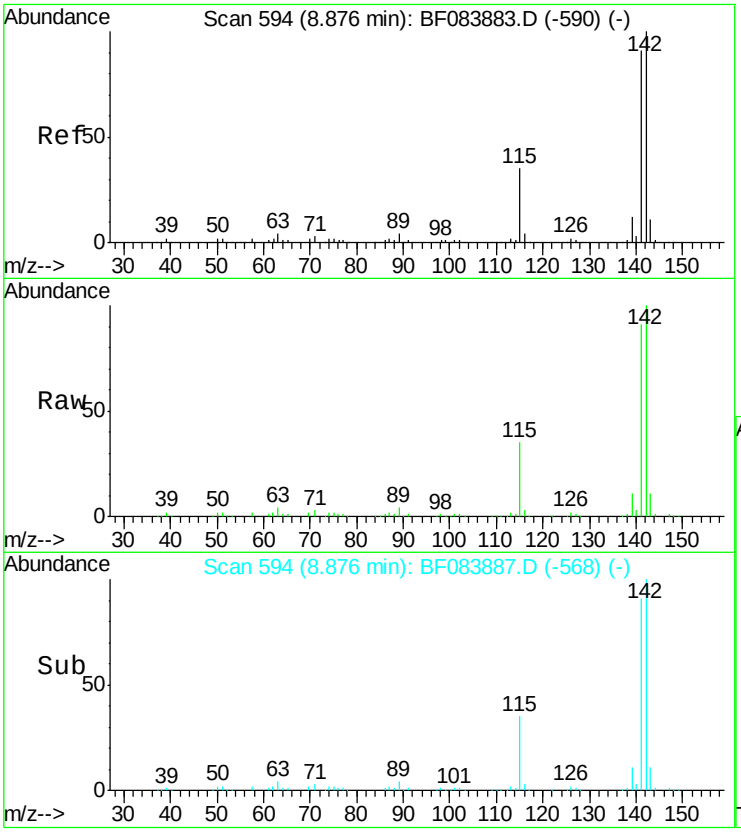


#36
4-Chloro-3-methylphenol
Concen: 45.38 ng
RT: 8.72 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:107 Resp: 150194

Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.7	29.5
142	76.7	61.8	92.6



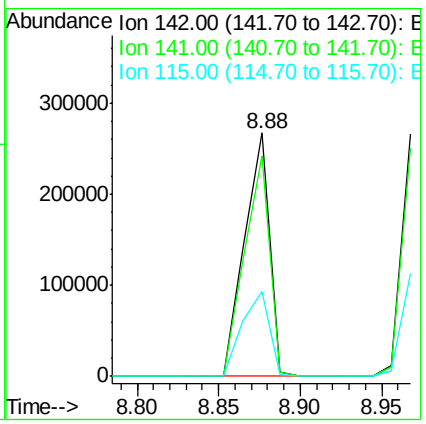


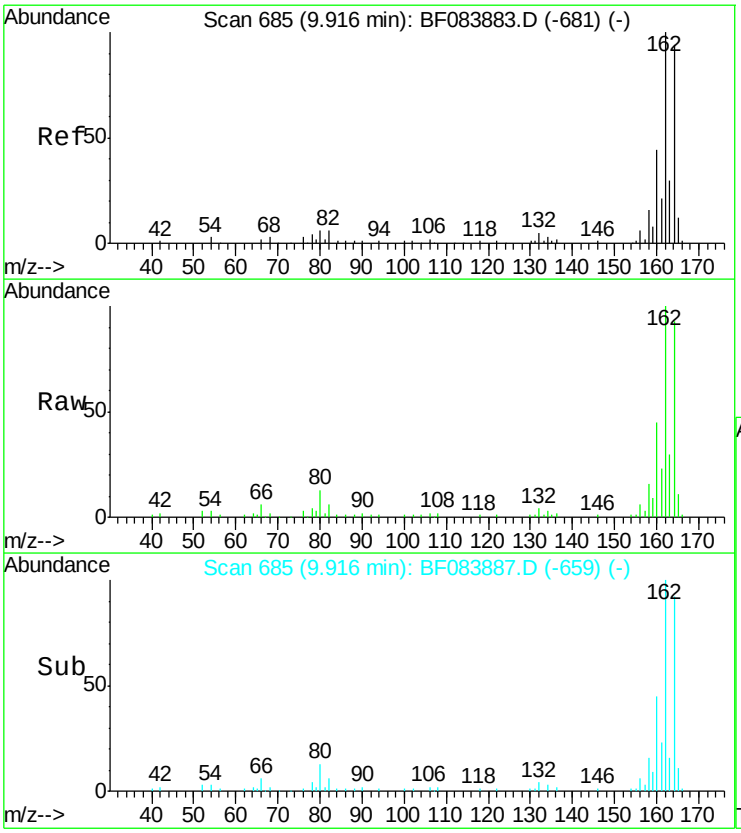
#37
2-Methylnaphthalene
Concen: 40.74 ng
RT: 8.88 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:142 Resp: 283320

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.4	108.6
115	34.7	27.9	41.9

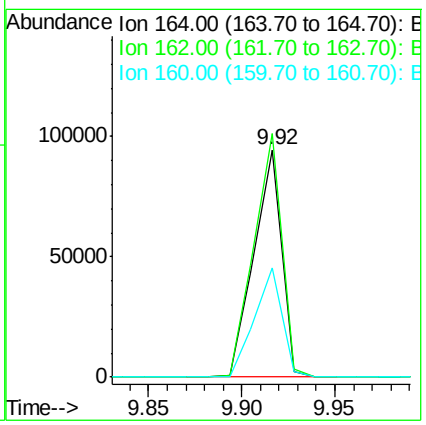


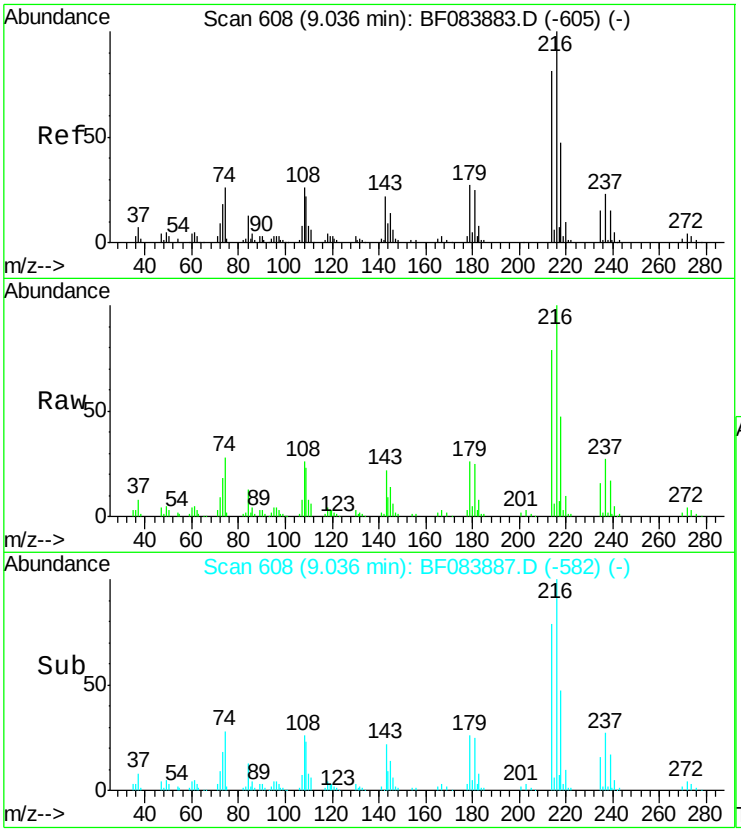


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:164 Resp: 96377

Ion	Ratio	Lower	Upper
164	100		
162	107.1	85.1	127.7
160	47.9	37.5	56.3



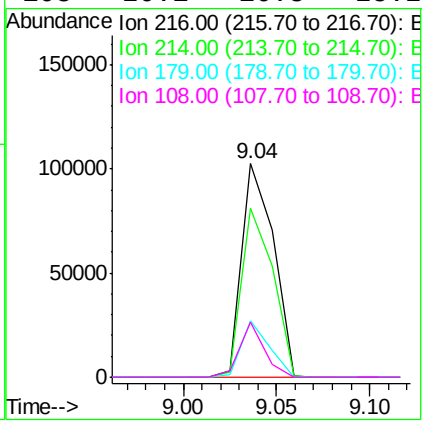


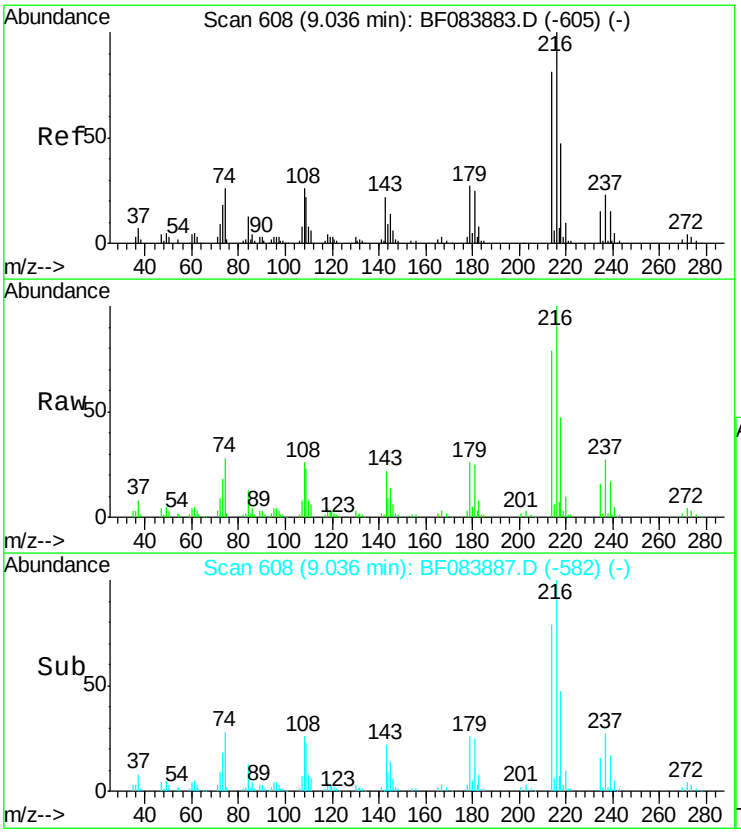
#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.90 ng
RT: 9.04 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:216 Resp: 121260

Ion	Ratio	Lower	Upper
216	100		
214	77.6	64.2	96.2
179	23.0	18.7	28.1
108	20.1	16.8	25.2

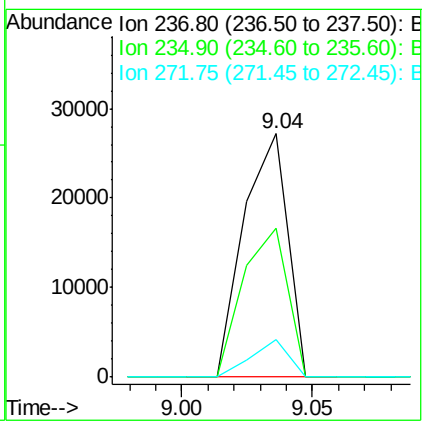


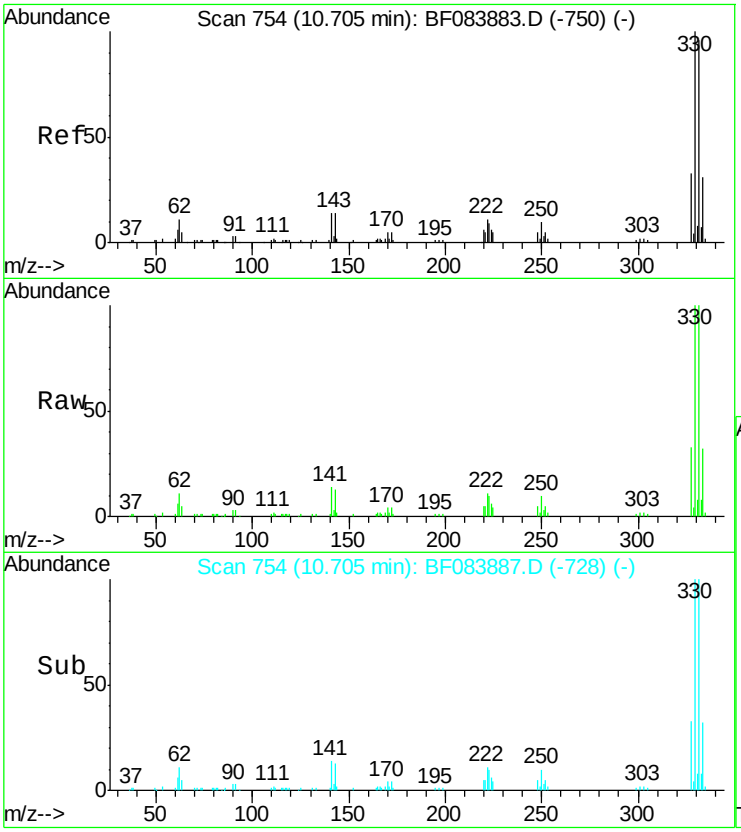


#40
Hexachlorocyclopentadiene
Concen: 42.82 ng
RT: 9.04 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:237 Resp: 32134

Ion	Ratio	Lower	Upper
237	100		
235	61.3	43.1	83.1
272	15.3	0.0	35.1



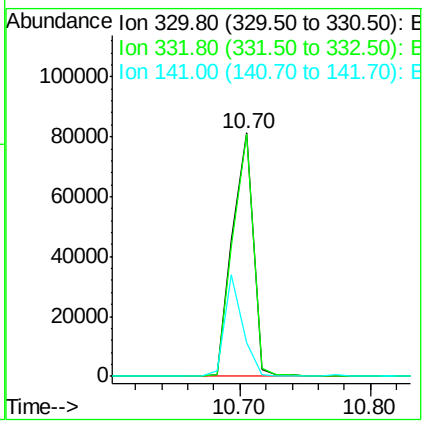


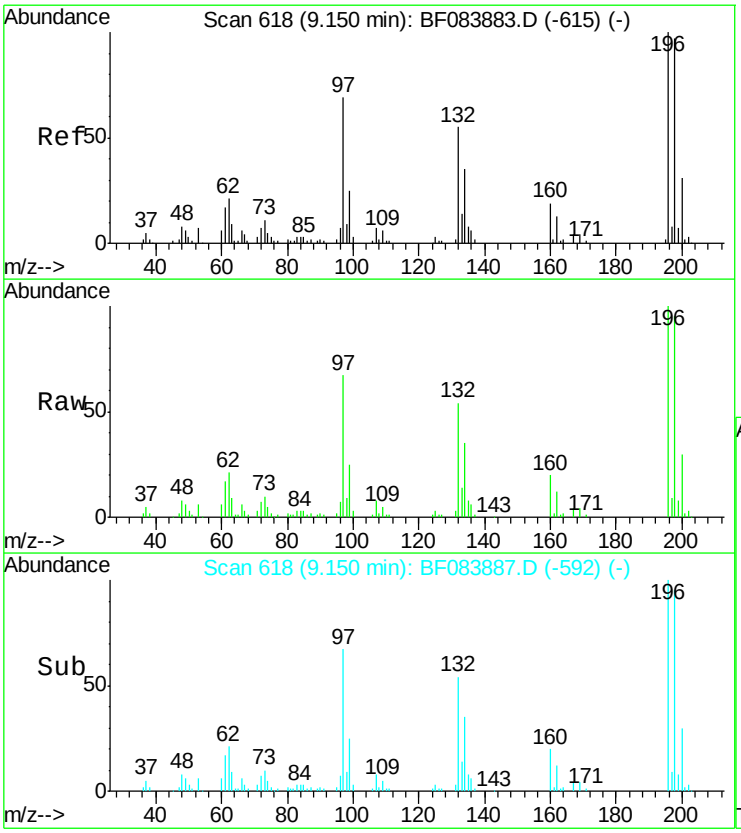
#41
2,4,6-Tribromophenol
Concen: 84.97 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:330 Resp: 90218

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	114.8
141	36.1	27.8	41.6

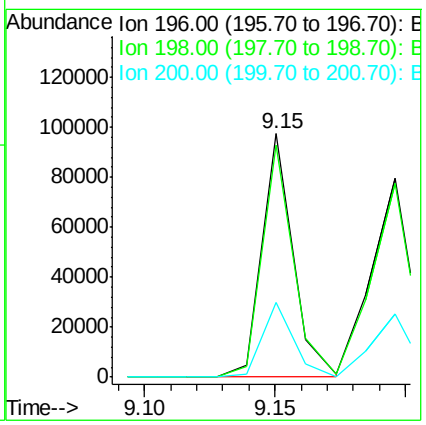


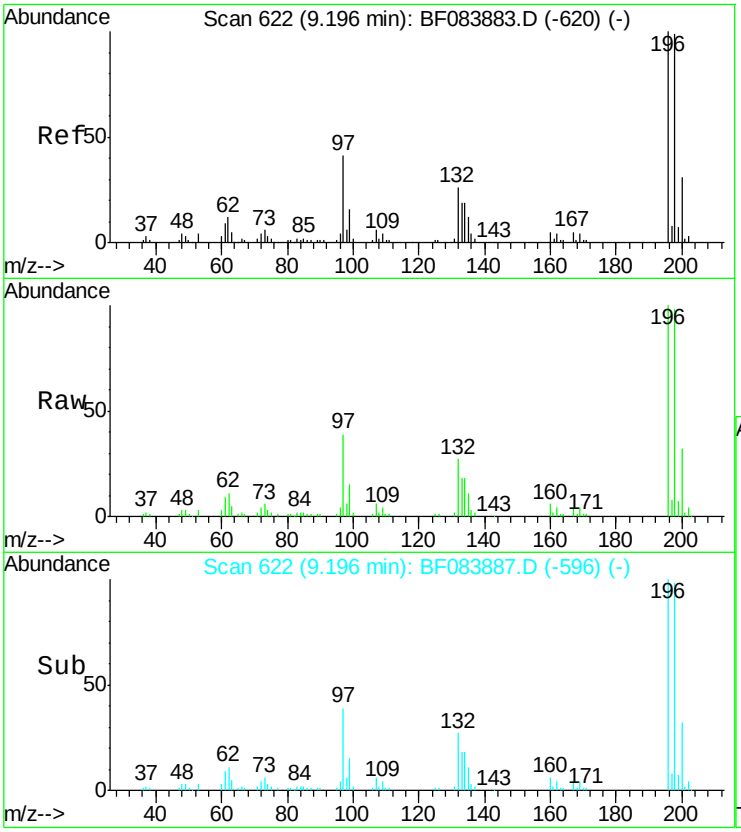


#42
2,4,6-Trichlorophenol
Concen: 40.57 ng
RT: 9.15 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:196 Resp: 81409

Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.7	116.5
200	30.4	24.6	37.0



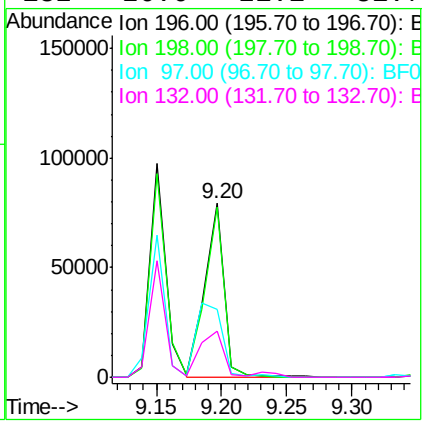


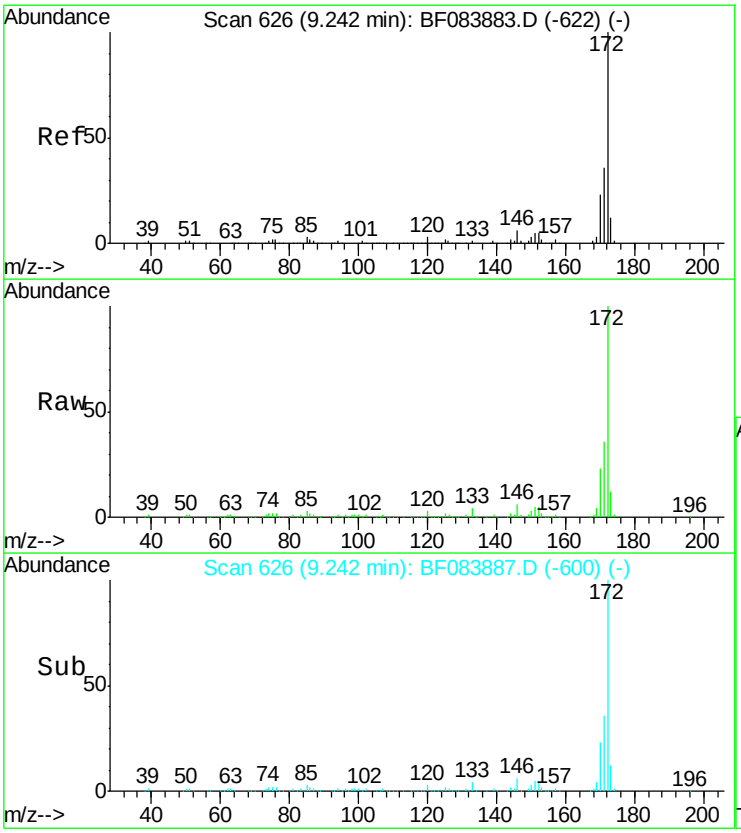
#43
2,4,5-Trichlorophenol
Concen: 41.43 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:196 Resp: 82265

Ion	Ratio	Lower	Upper
196	100		
198	97.5	79.0	118.6
97	39.2	33.0	49.6
132	26.6	21.1	31.7

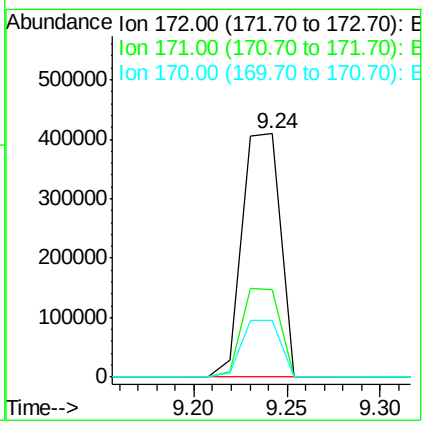


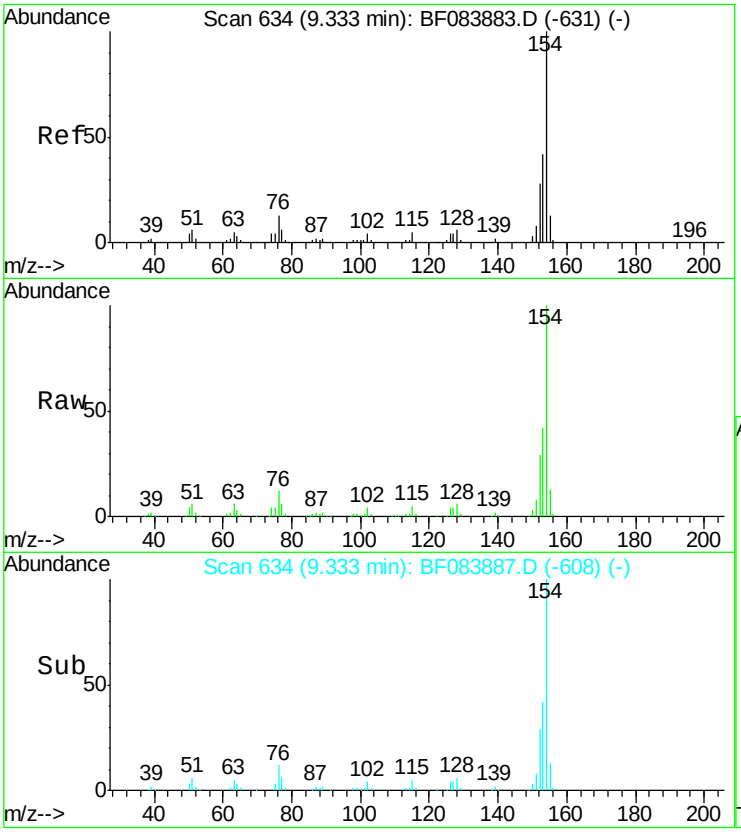


#44
2-Fluorobiphenyl
Concen: 84.21 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:172 Resp: 578813

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.5	18.6	27.8



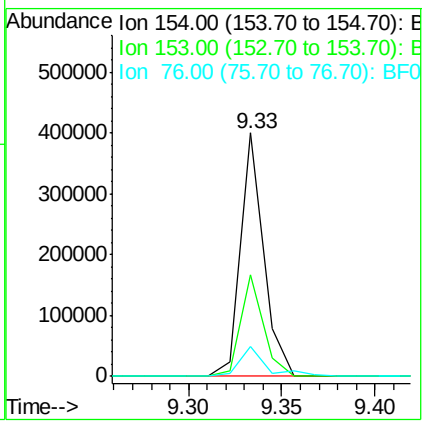


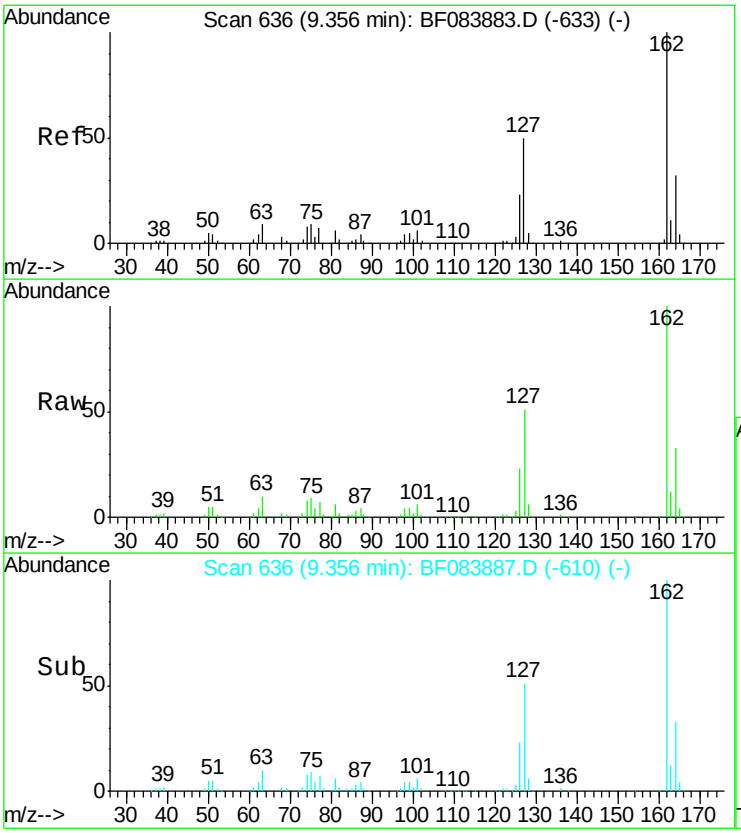
#45
1,1'-Biphenyl
Concen: 42.69 ng
RT: 9.33 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:154 Resp: 345990

Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.6	61.6
76	12.1	0.0	32.7

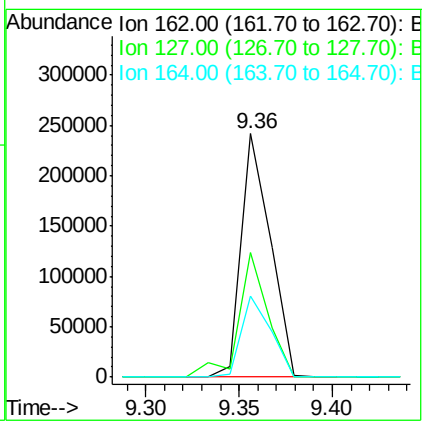


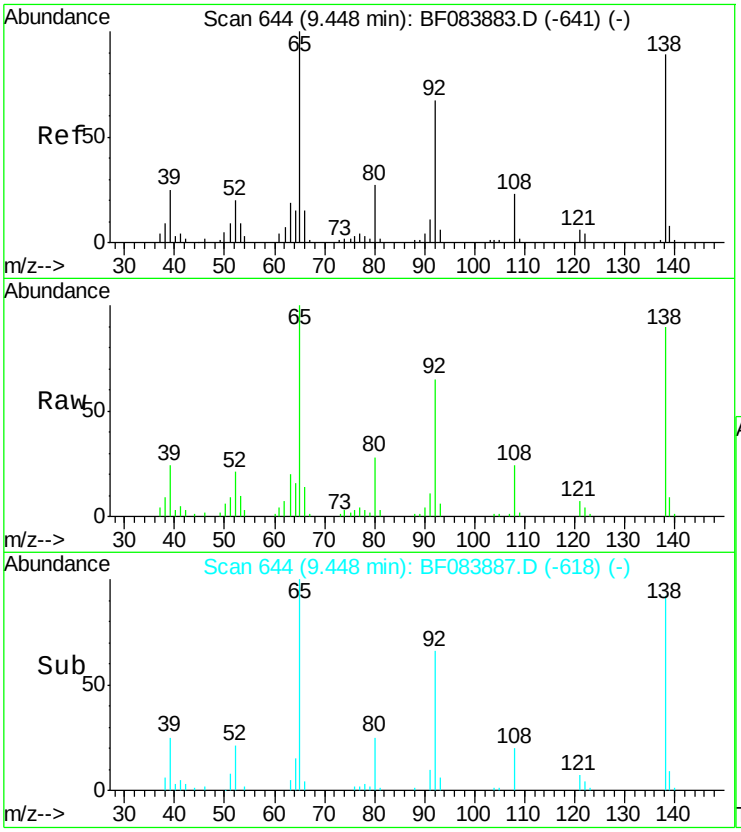


#46
2-Chloronaphthalene
Concen: 41.28 ng
RT: 9.36 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:162 Resp: 262323

Ion	Ratio	Lower	Upper
162	100		
127	51.0	40.2	60.4
164	33.0	25.7	38.5



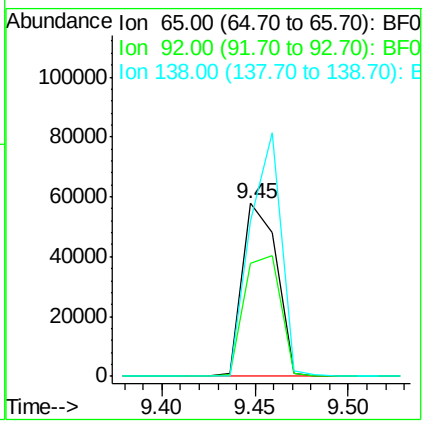


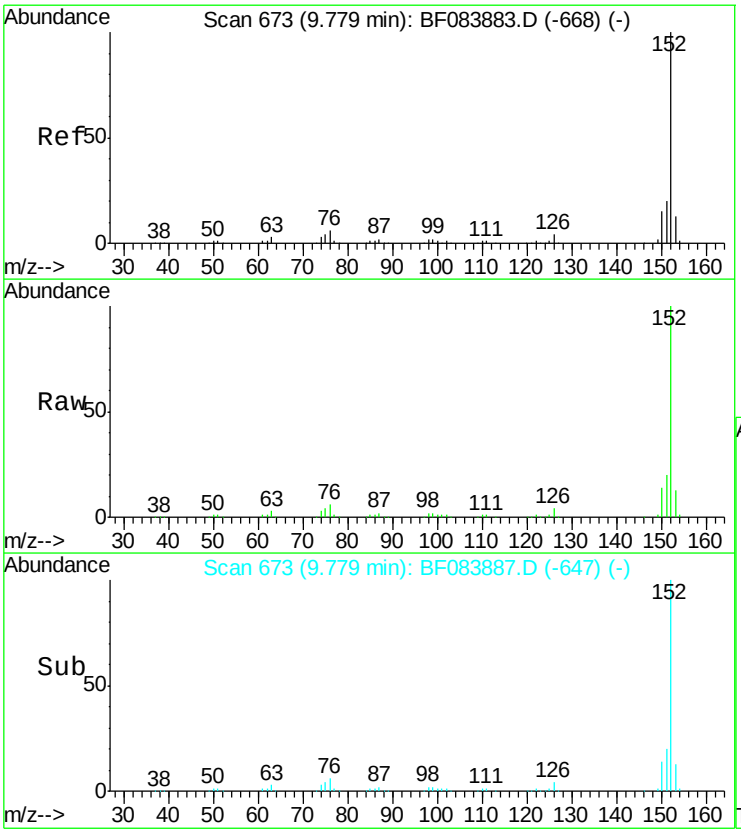
#47
2-Nitroaniline
Concen: 38.65 ng
RT: 9.45 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion: 65 Resp: 73667

Ion	Ratio	Lower	Upper
65	100		
92	65.2	53.4	80.2
138	90.1	71.1	106.7

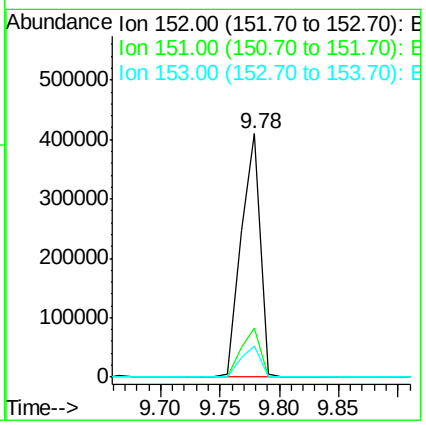


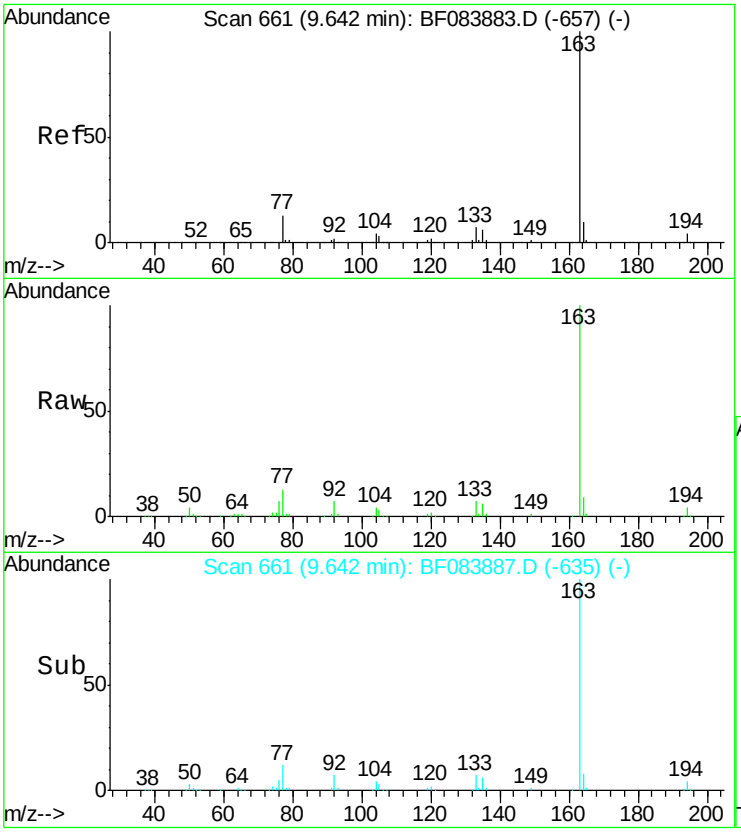


#48
Acenaphthylene
Concen: 40.87 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:152 Resp: 459159

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	12.7	10.4	15.6



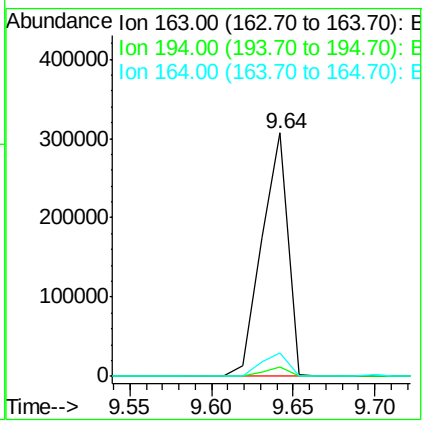


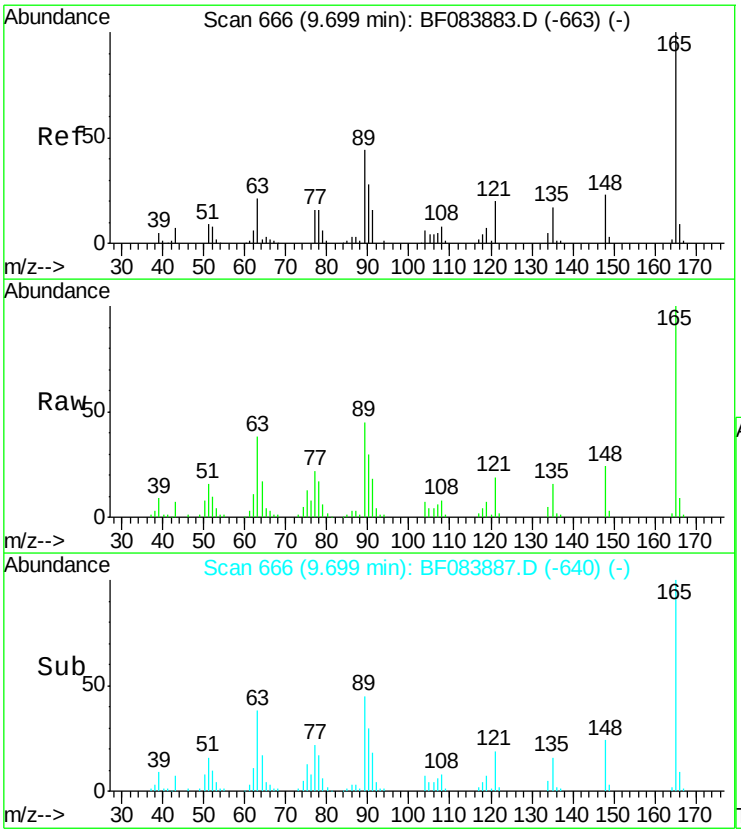
#49
Dimethylphthalate
Concen: 42.24 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:163 Resp: 341586

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	9.5	7.9	11.9

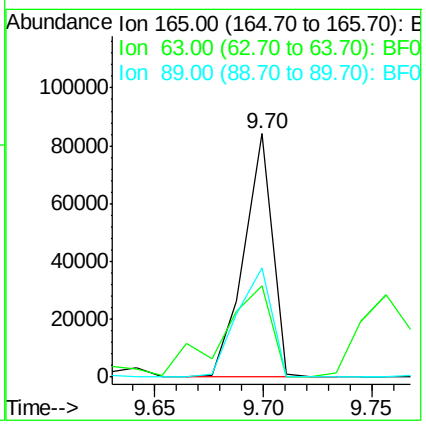


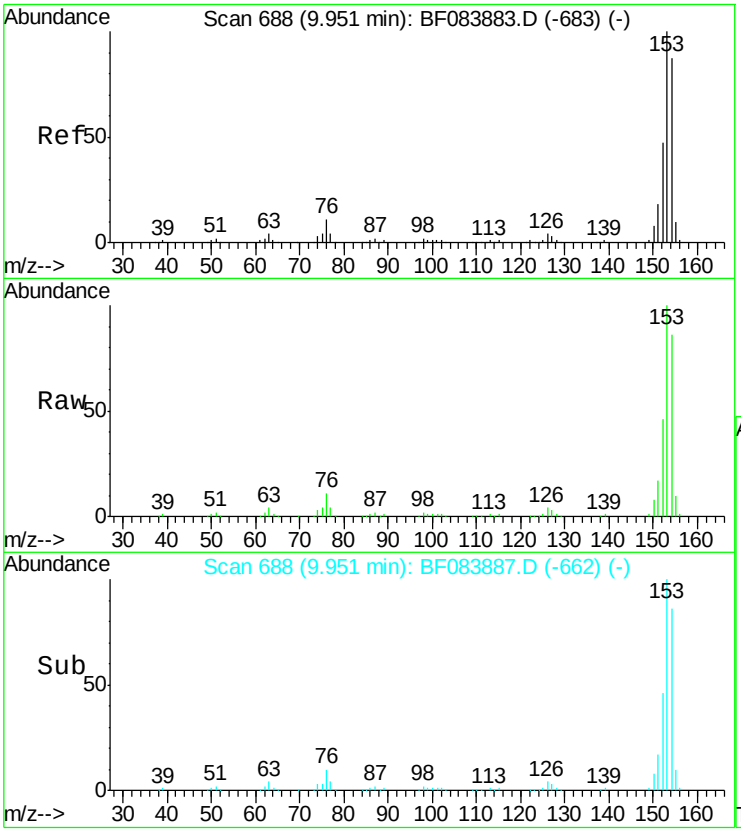


#50
2,6-Dinitrotoluene
Concen: 43.79 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:165 Resp: 77247

Ion	Ratio	Lower	Upper
165	100		
63	37.6	28.8	43.2
89	45.0	35.1	52.7



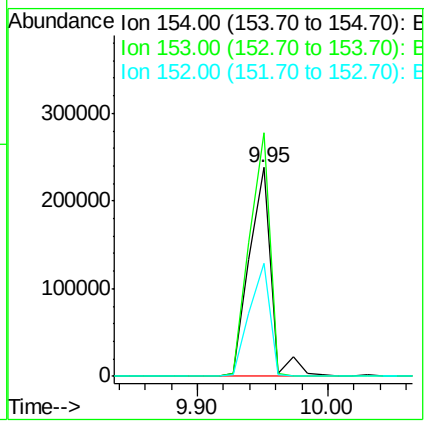


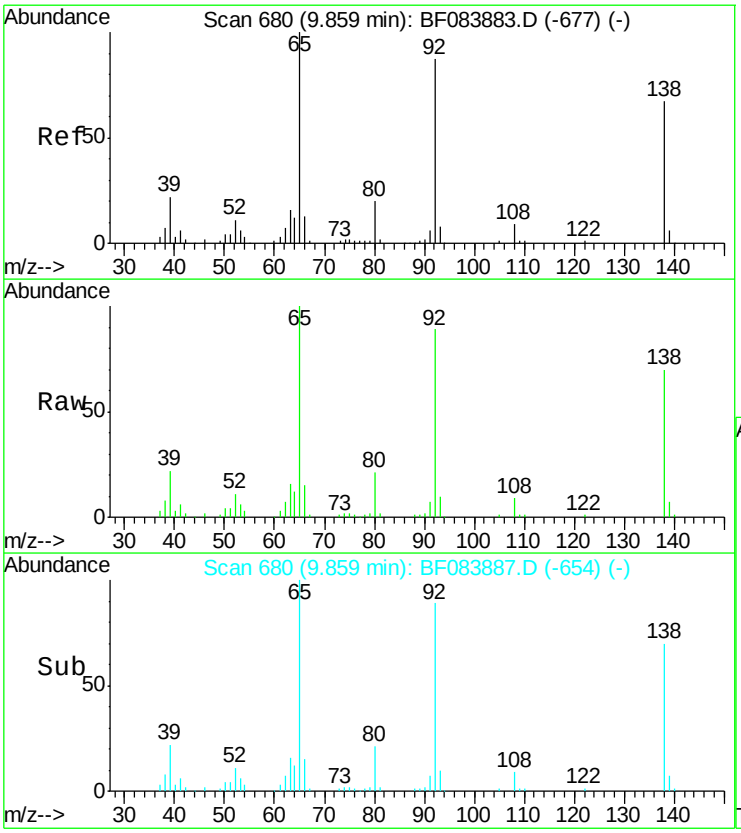
#51
Acenaphthene
Concen: 40.25 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:154 Resp: 278064

Ion	Ratio	Lower	Upper
154	100		
153	116.5	91.5	137.3
152	53.9	43.0	64.6

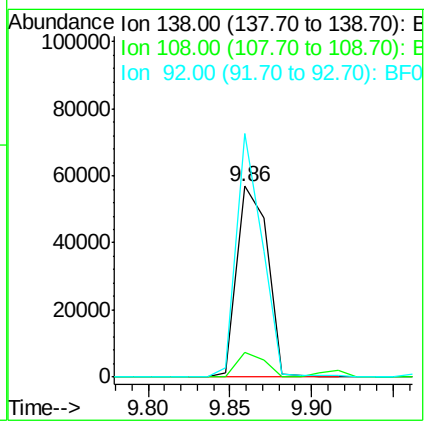


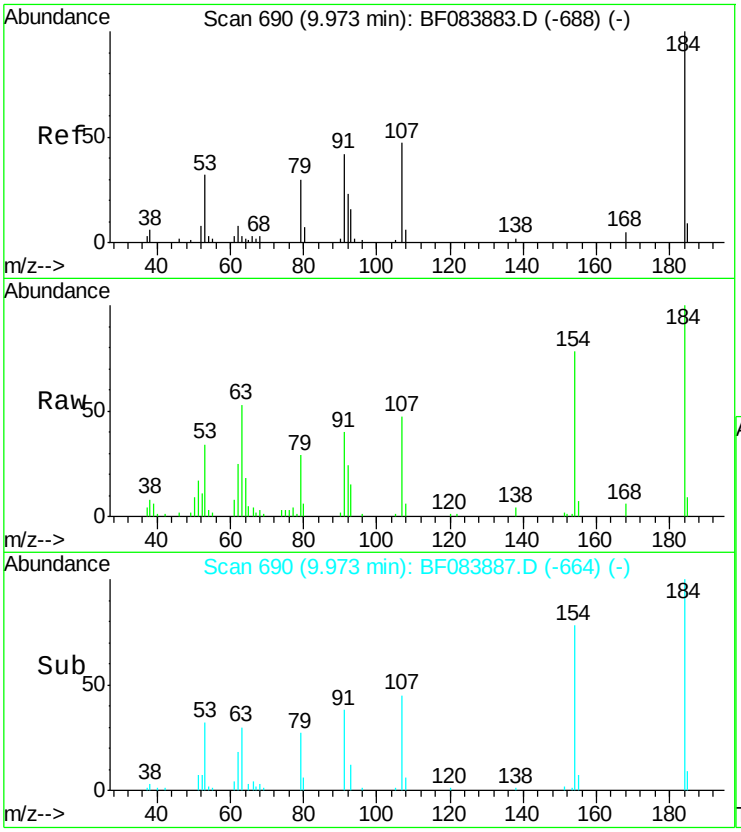


#52
3-Nitroaniline
Concen: 39.45 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:138 Resp: 73364

Ion	Ratio	Lower	Upper
138	100		
108	13.3	10.5	15.7
92	127.6	103.9	155.9



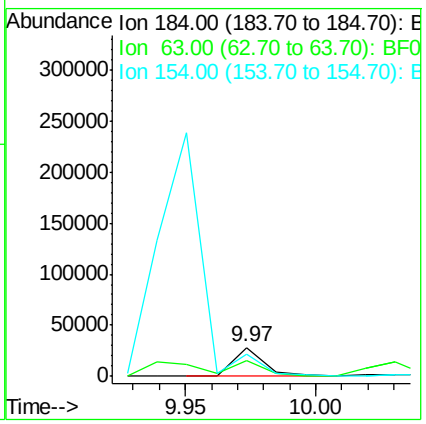


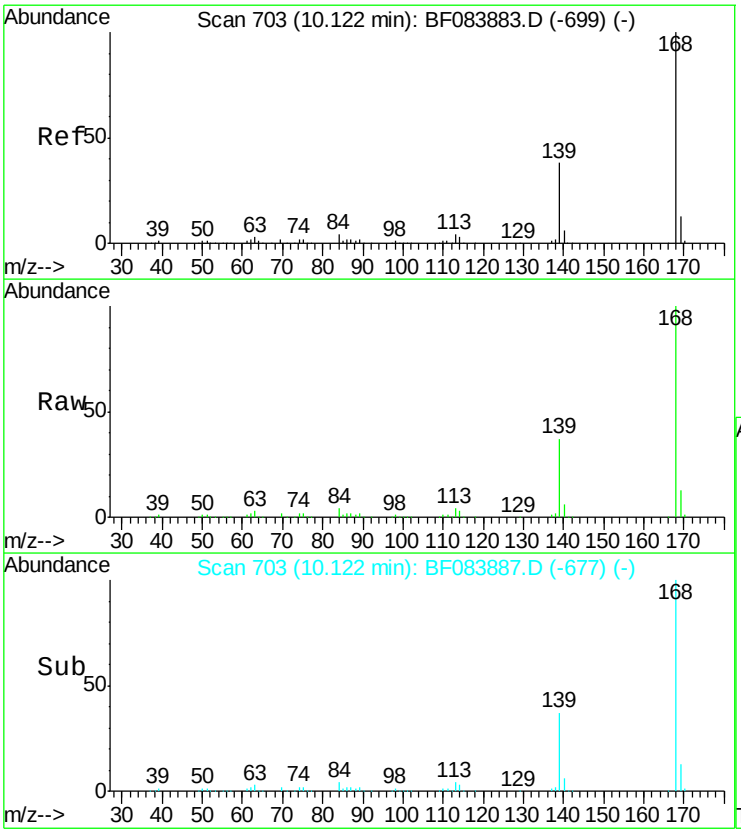
#53
2,4-Dinitrophenol
Concen: 43.43 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:184 Resp: 24085

Ion	Ratio	Lower	Upper
184	100		
63	53.0	43.1	64.7
154	77.9	60.5	90.7

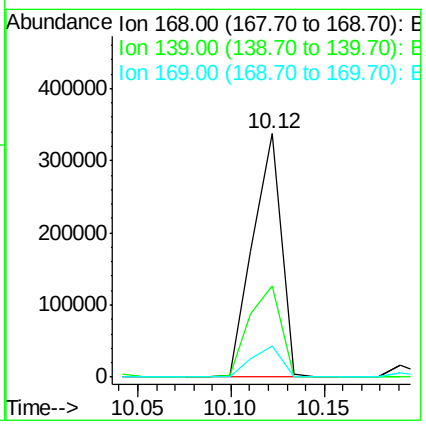


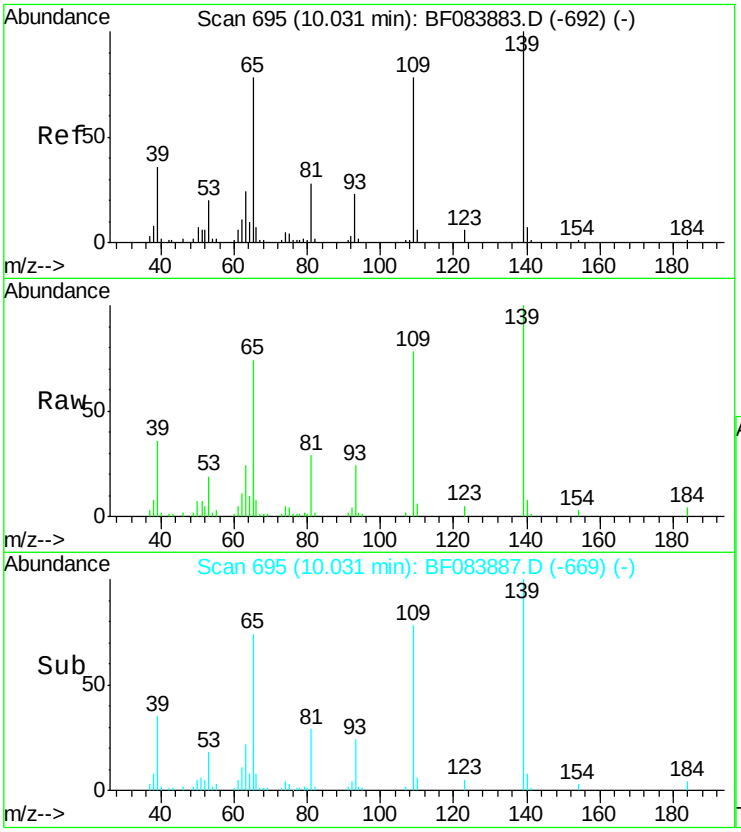


#54
Dibenzofuran
Concen: 39.63 ng
RT: 10.12 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:168 Resp: 355529

Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.5	45.7
169	13.0	10.4	15.6



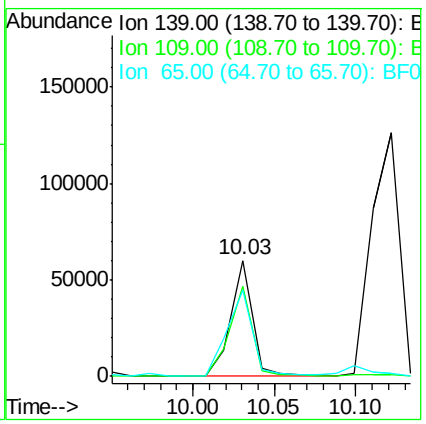


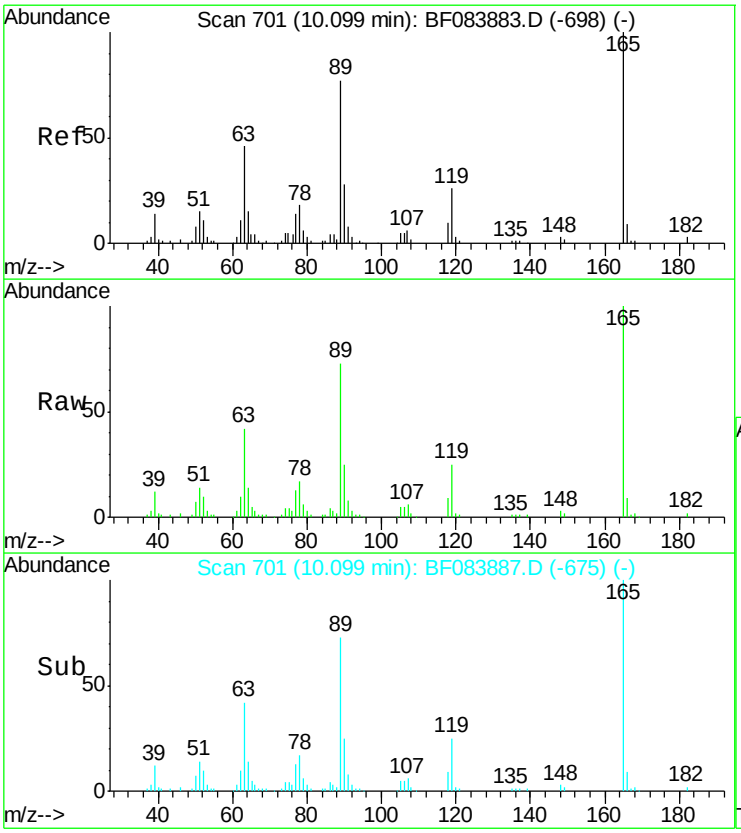
#55
4-Nitrophenol
Concen: 48.03 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:139 Resp: 55758

Ion	Ratio	Lower	Upper
139	100		
109	78.2	58.5	98.5
65	74.1	57.6	97.6

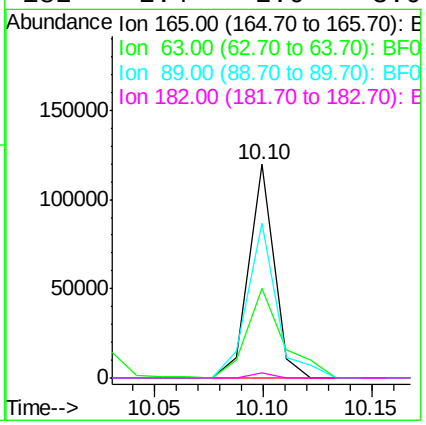


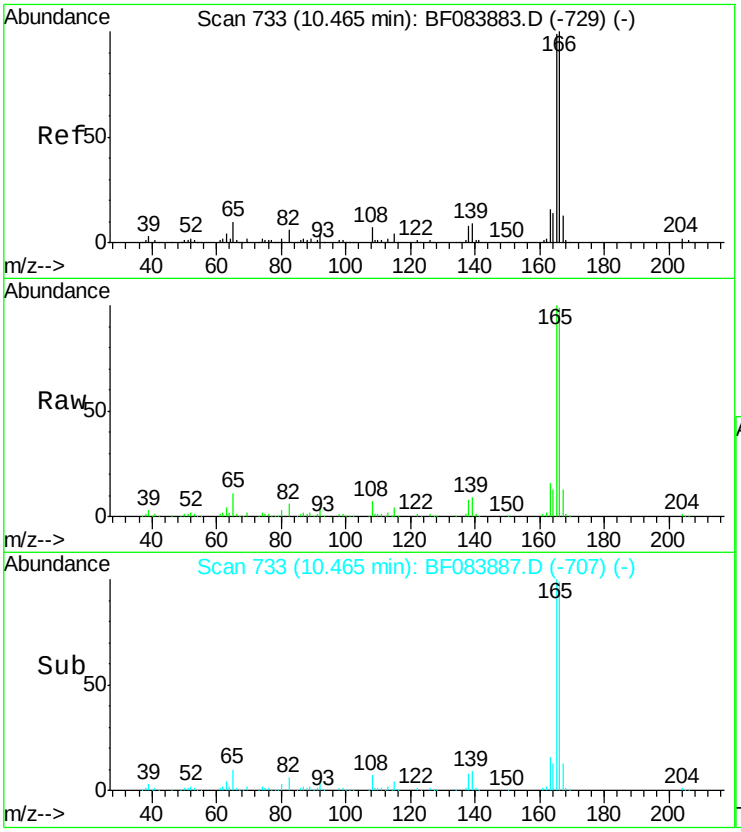


#56
2,4-Dinitrotoluene
Concen: 43.24 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:165 Resp: 97773

Ion	Ratio	Lower	Upper
165	100		
63	42.0	36.7	55.1
89	72.8	61.9	92.9
182	2.4	2.0	3.0



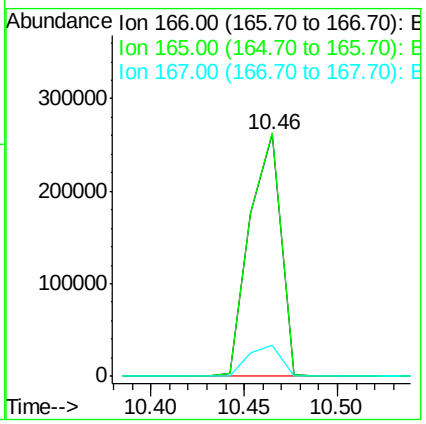


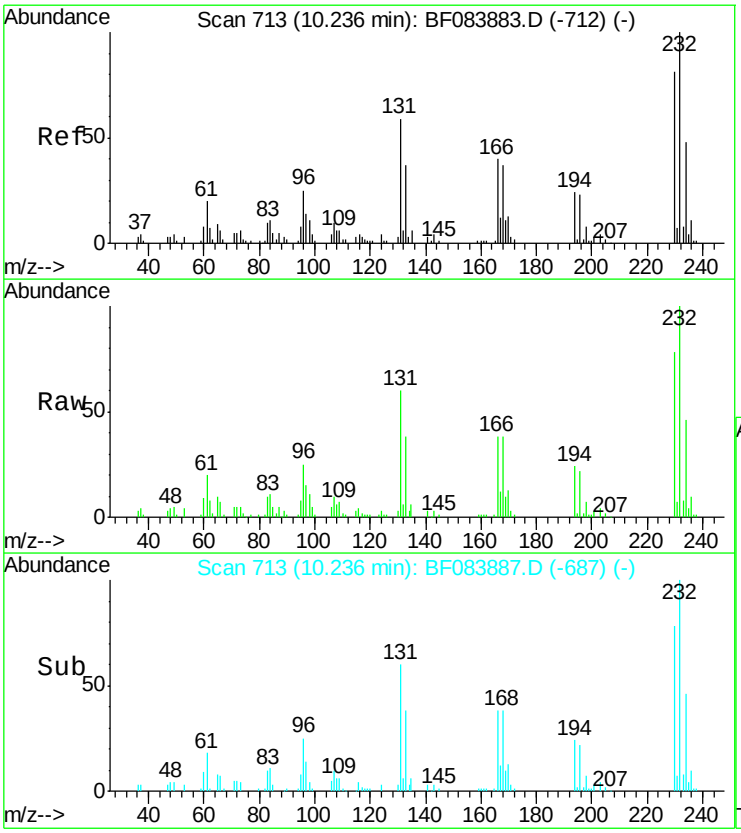
#57
Fluorene
Concen: 44.56 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:166 Resp: 304249

Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.1	118.7
167	12.6	10.4	15.6

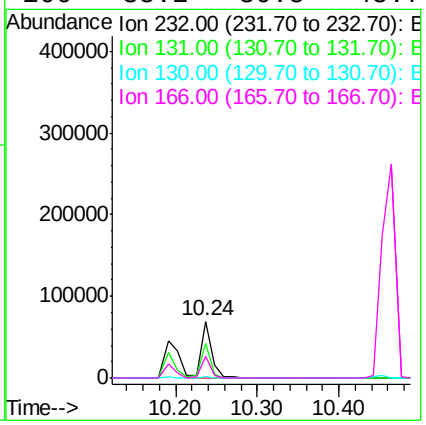


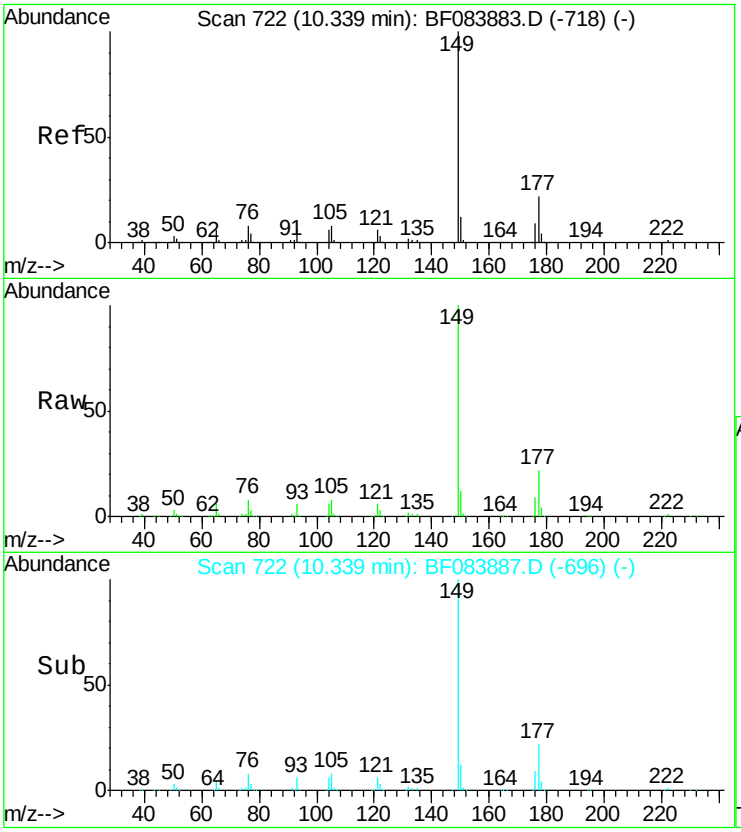


#58
2,3,4,6-Tetrachlorophenol
Concen: 44.17 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:232 Resp: 64885

Ion	Ratio	Lower	Upper
232	100		
131	55.1	47.0	70.6
130	2.3	2.0	3.0
166	35.2	30.5	45.7



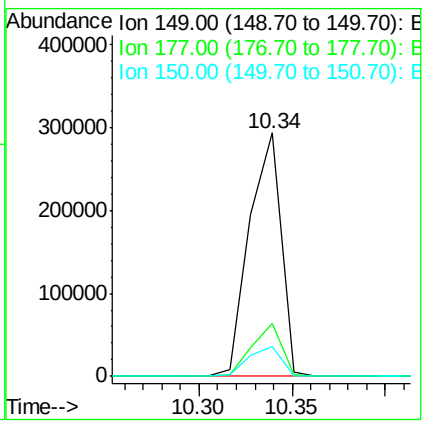


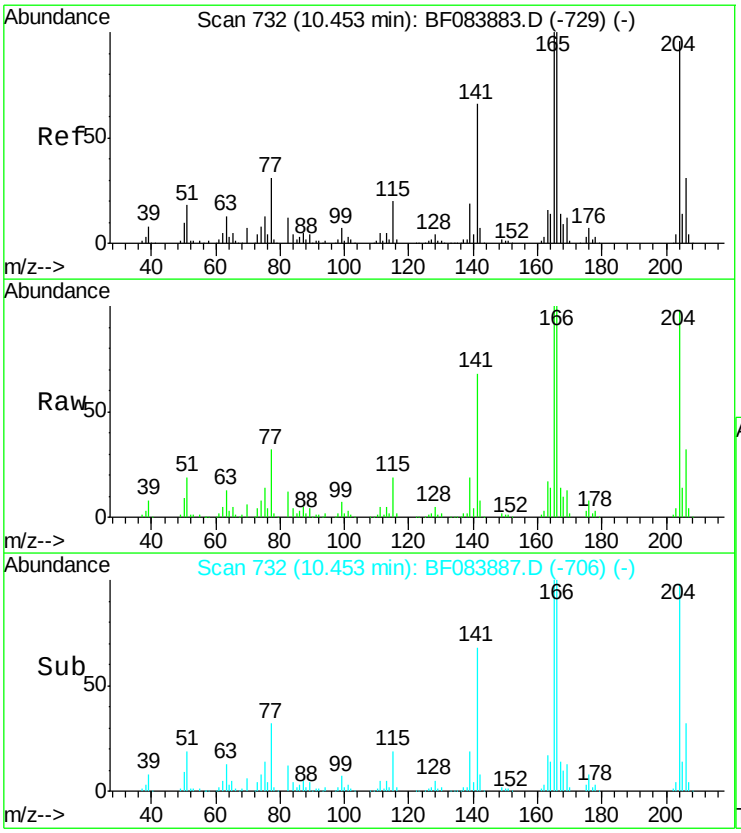
#59
Diethylphthalate
Concen: 41.26 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:149 Resp: 344996

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.3	25.9
150	12.4	9.8	14.8

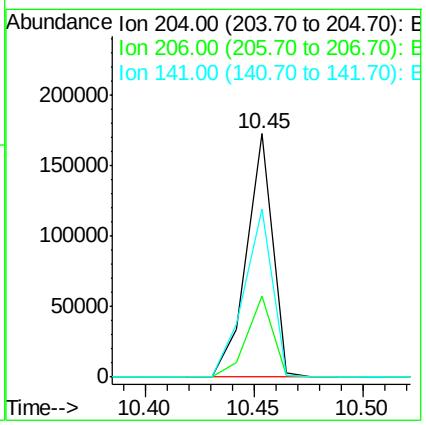


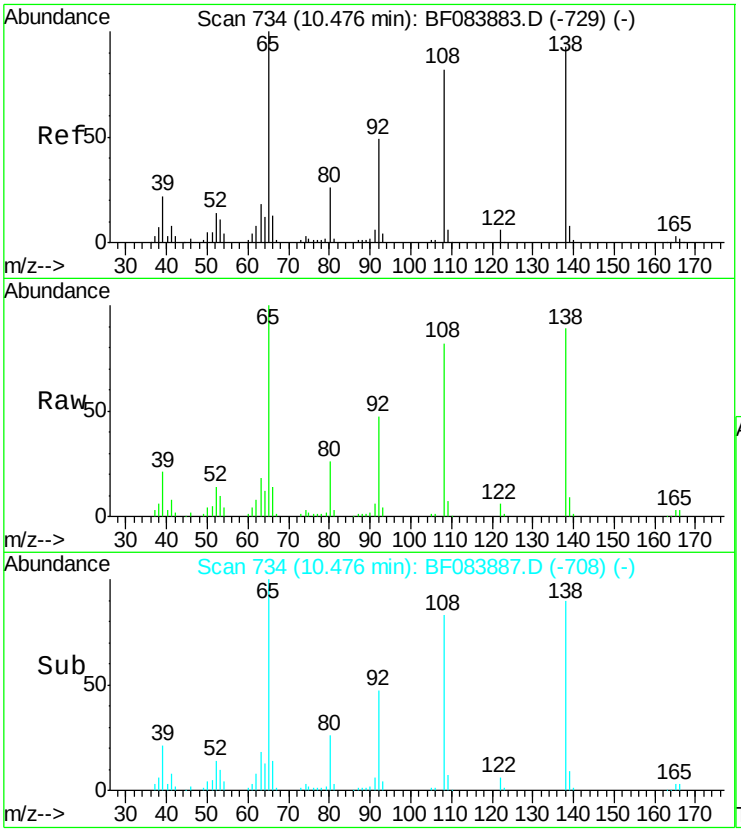


#60
4-Chlorophenyl-phenylether
Concen: 41.84 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:204 Resp: 143874

Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.7	38.5
141	69.1	55.1	82.7



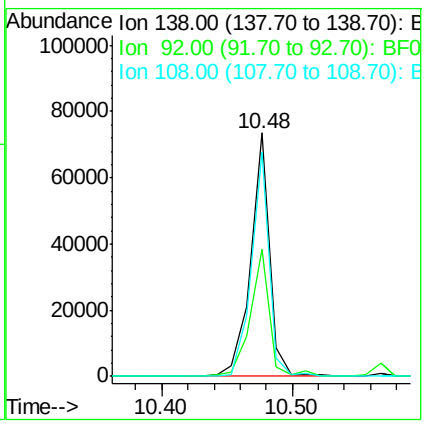


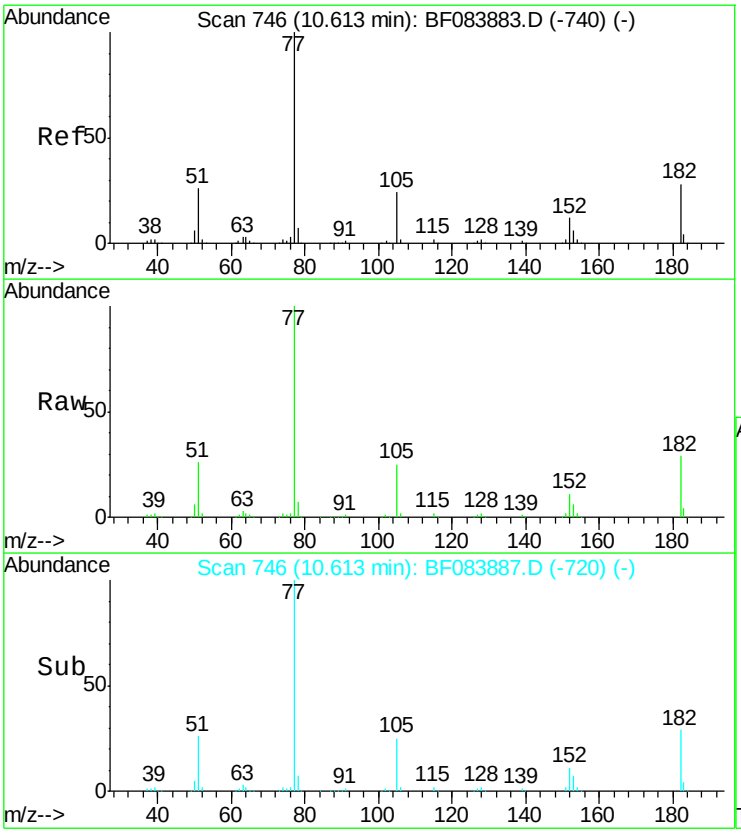
#61
4-Nitroaniline
Concen: 38.61 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:138 Resp: 74277

Ion	Ratio	Lower	Upper
138	100		
92	52.1	32.6	72.6
108	91.9	68.6	108.6

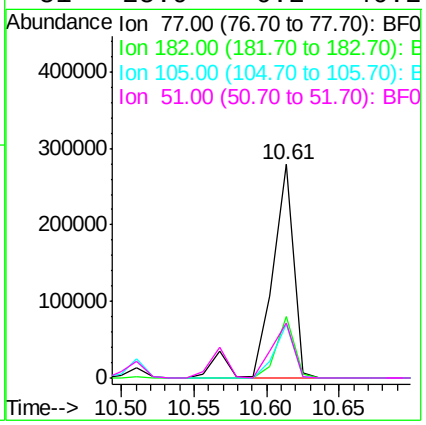


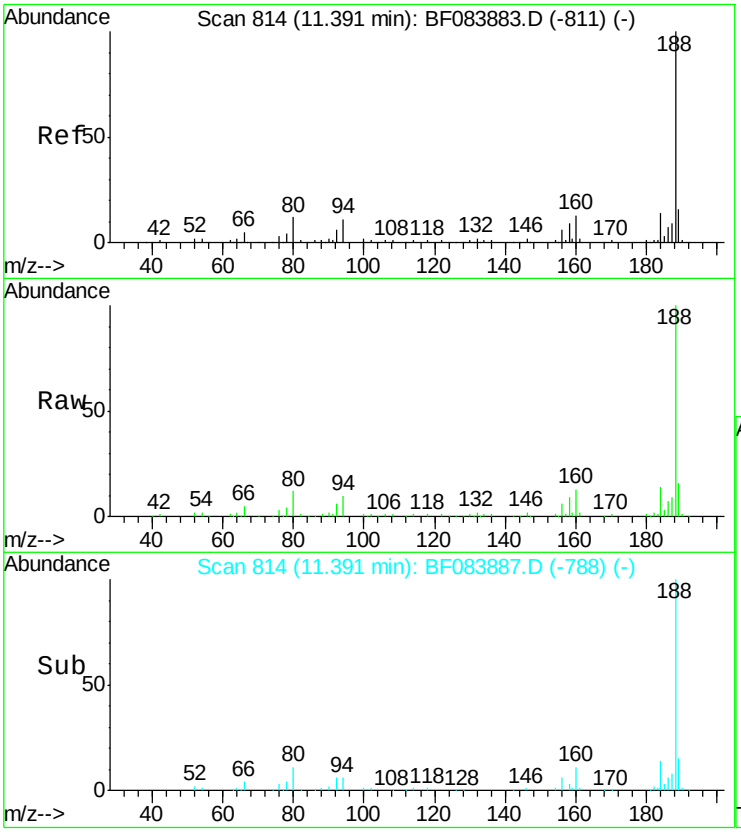


#62
Azobenzene
Concen: 42.79 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion: 77 Resp: 299865

Ion	Ratio	Lower	Upper
77	100		
182	28.9	8.3	48.3
105	25.0	4.6	44.6
51	25.9	6.2	46.2



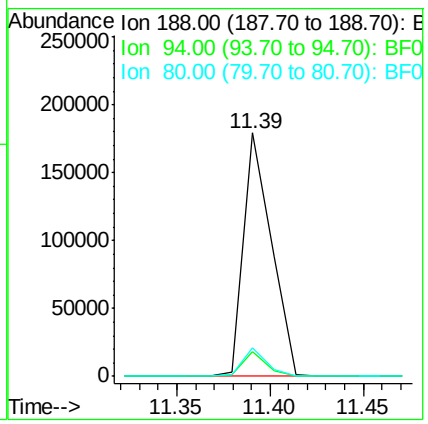


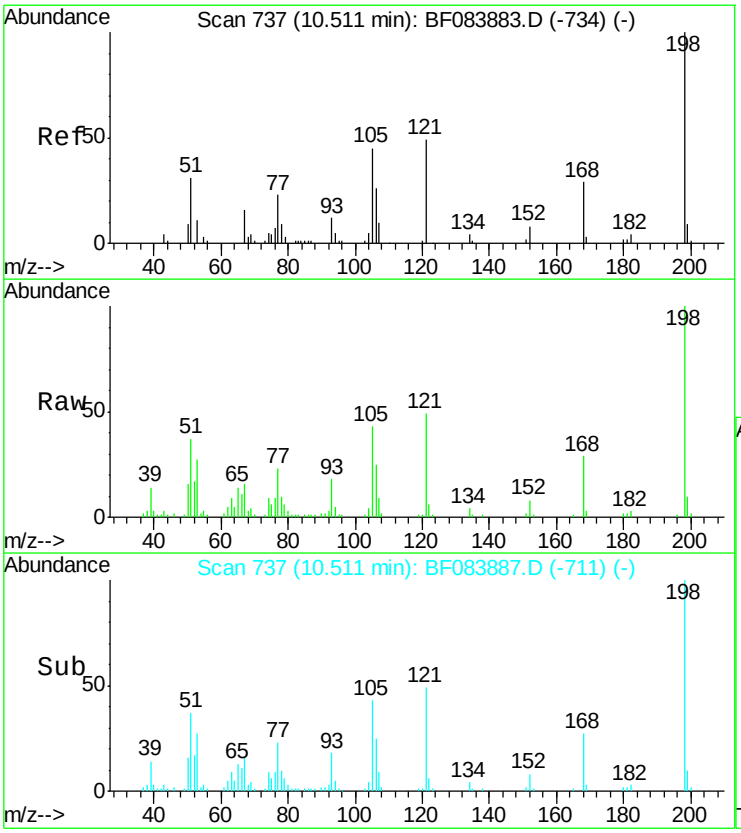
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:188 Resp: 185868

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.0	13.4
80	11.7	9.6	14.4

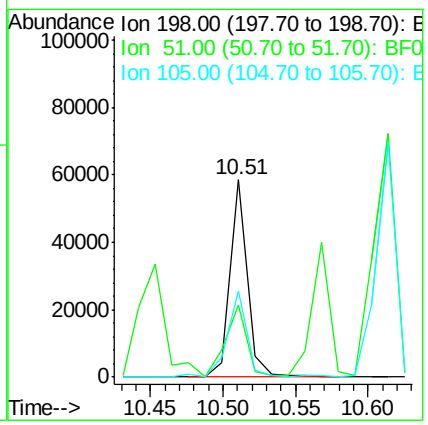


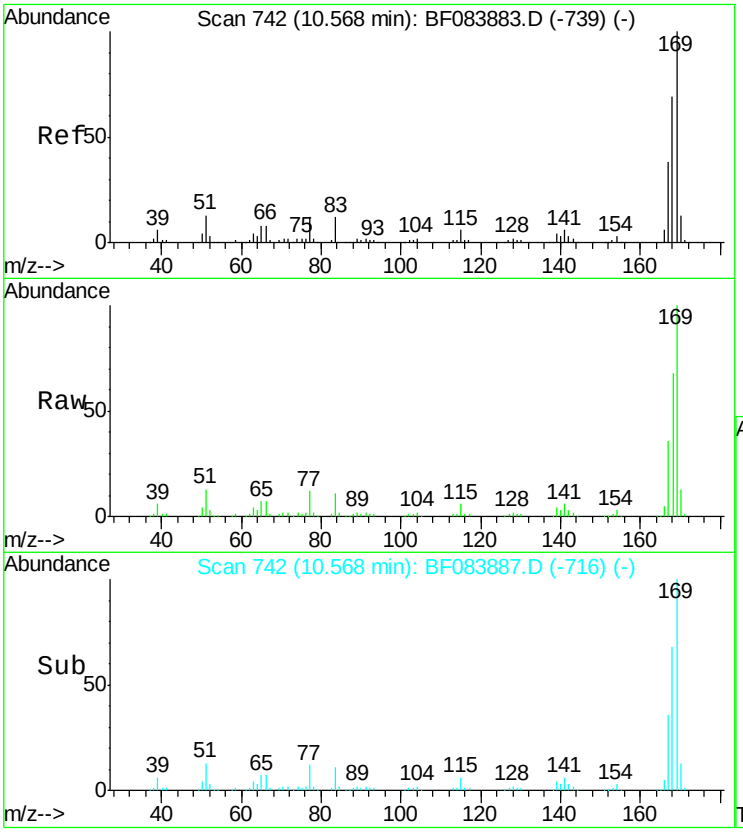


#64
4,6-Dinitro-2-methylphenol
Concen: 42.96 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:198 Resp: 48553

Ion	Ratio	Lower	Upper
198	100		
51	36.5	18.9	58.9
105	43.5	26.4	66.4



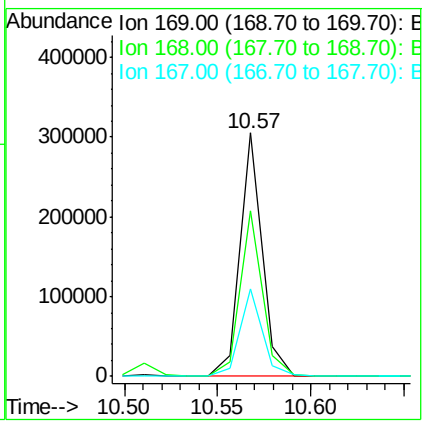


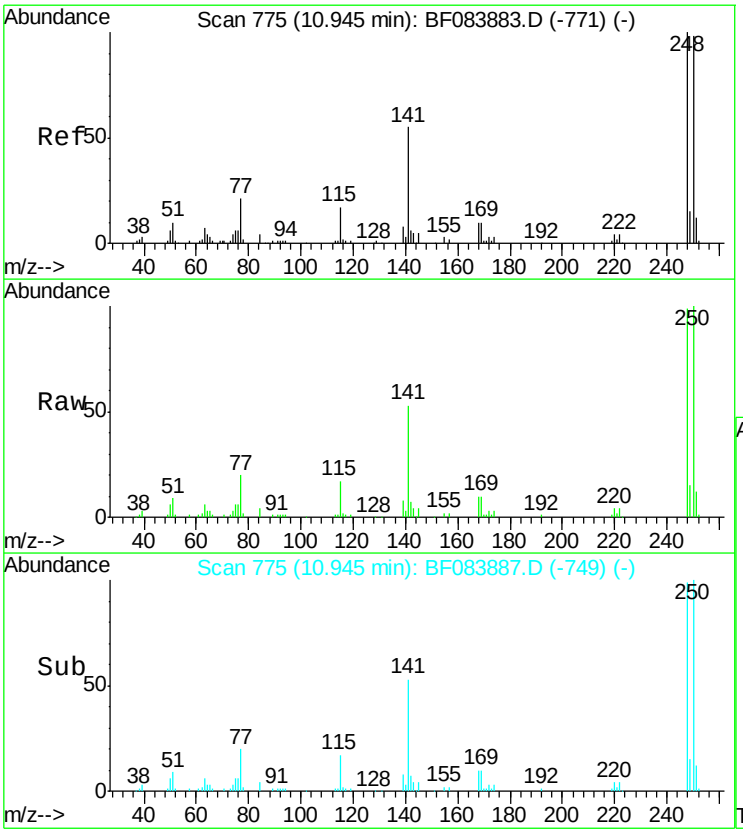
#65
n-Nitrosodiphenylamine
Concen: 37.53 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:169 Resp: 253836

Ion	Ratio	Lower	Upper
169	100		
168	67.9	55.1	82.7
167	36.1	30.0	45.0

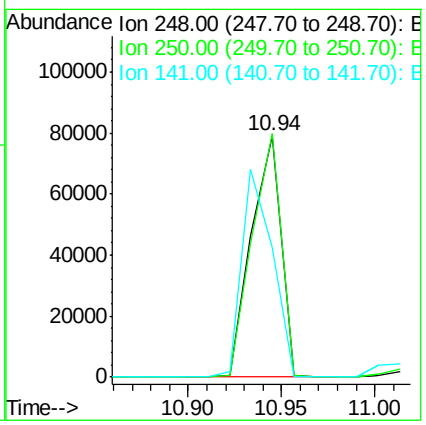


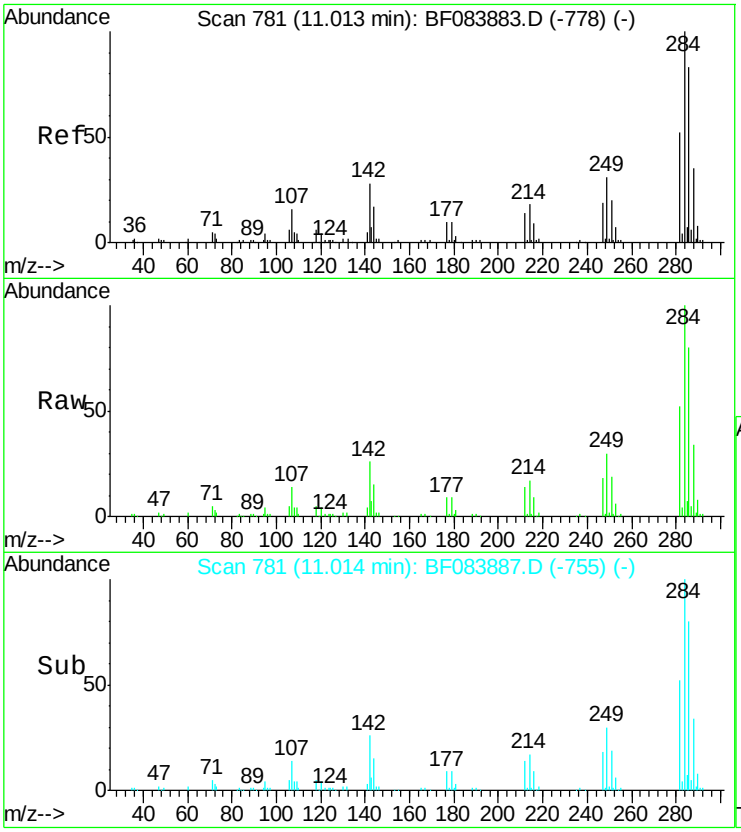


#66
4-Bromophenyl-phenylether
Concen: 38.25 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:248 Resp: 86923

Ion	Ratio	Lower	Upper
248	100		
250	100.9	78.4	117.6
141	53.8	44.0	66.0



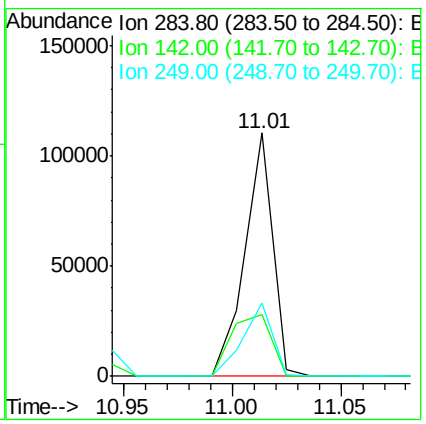


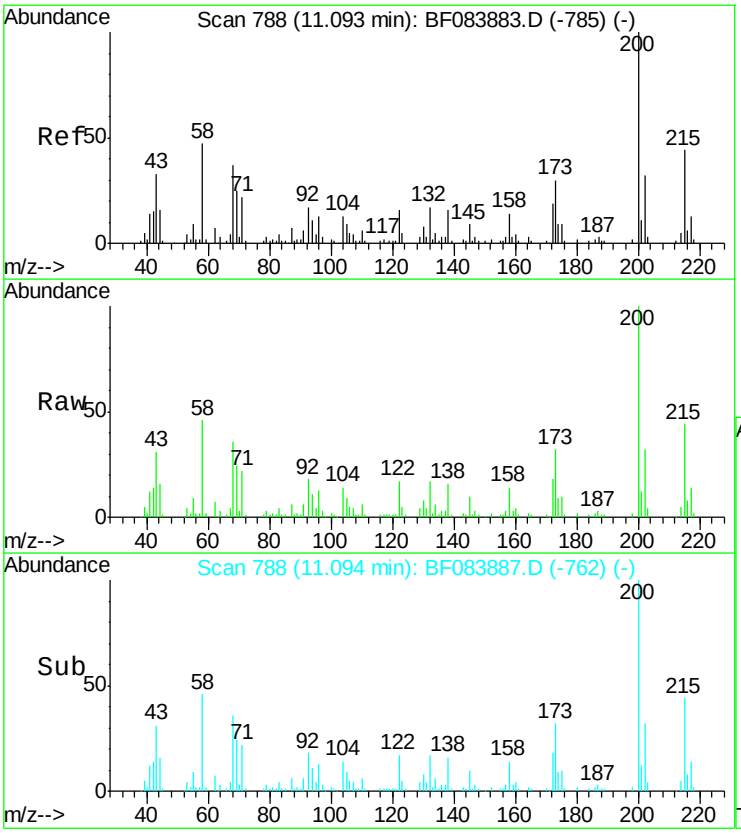
#67
Hexachlorobenzene
Concen: 41.12 ng
RT: 11.01 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:284 Resp: 98390

Ion	Ratio	Lower	Upper
284	100		
142	25.5	22.2	33.4
249	30.0	24.6	37.0

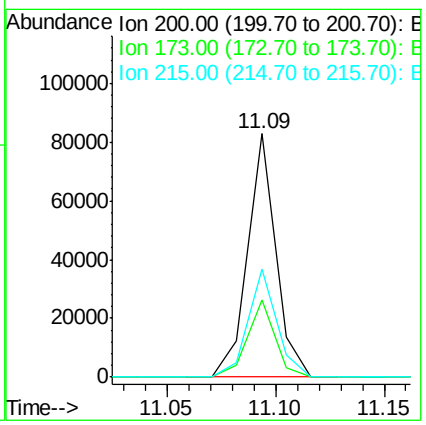


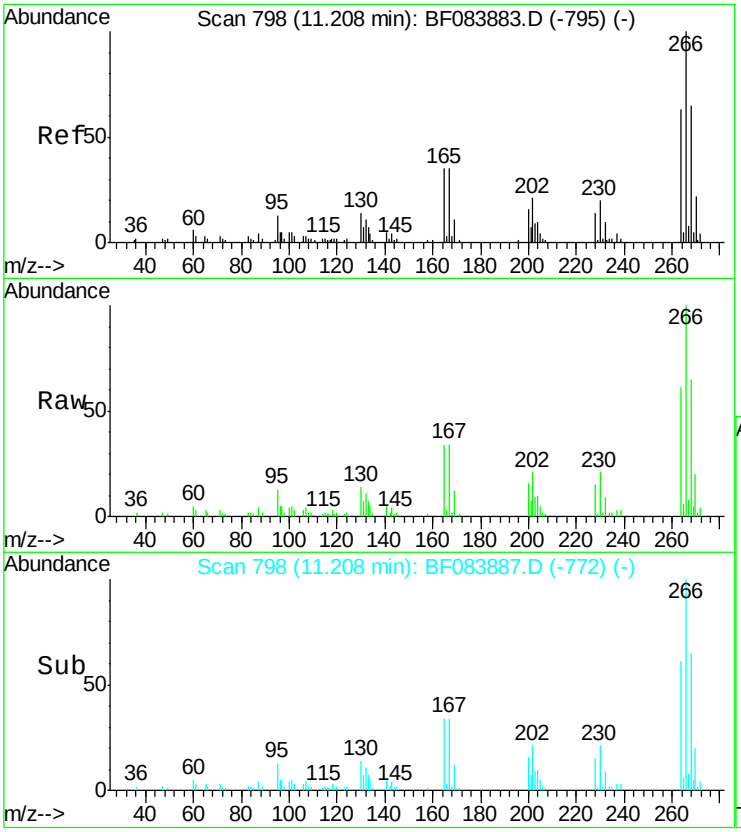


#68
Atrazine
Concen: 34.88 ng
RT: 11.09 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:200 Resp: 74731

Ion	Ratio	Lower	Upper
200	100		
173	31.7	9.5	49.5
215	44.4	23.8	63.8



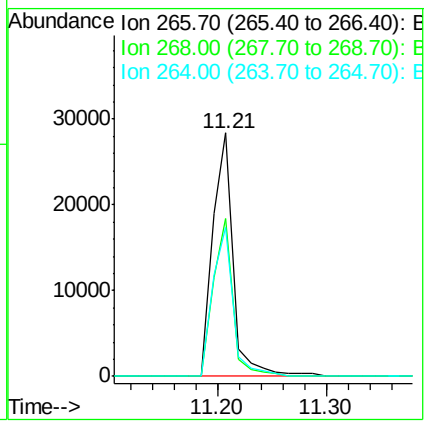


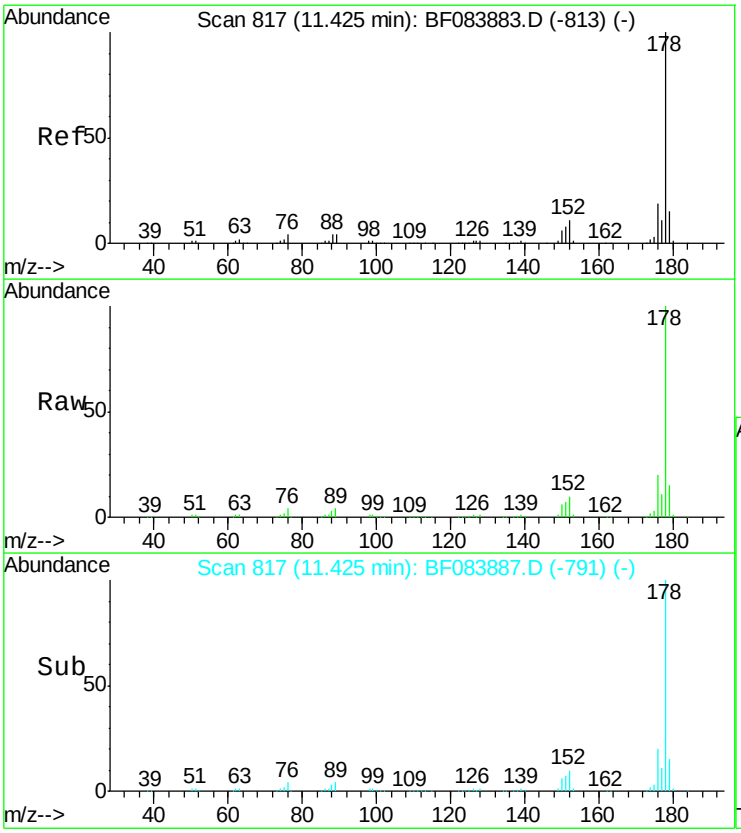
#69
Pentachlorophenol
Concen: 39.47 ng
RT: 11.21 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:266 Resp: 37492

Ion	Ratio	Lower	Upper
266	100		
268	64.7	52.4	78.6
264	61.1	50.2	75.2

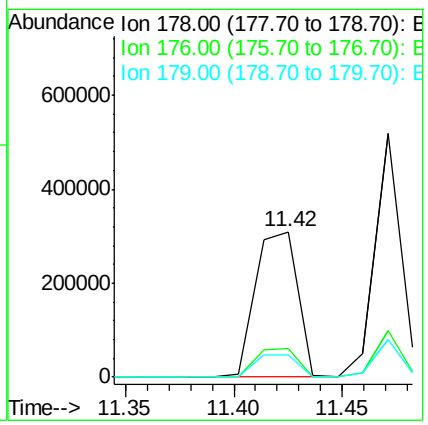


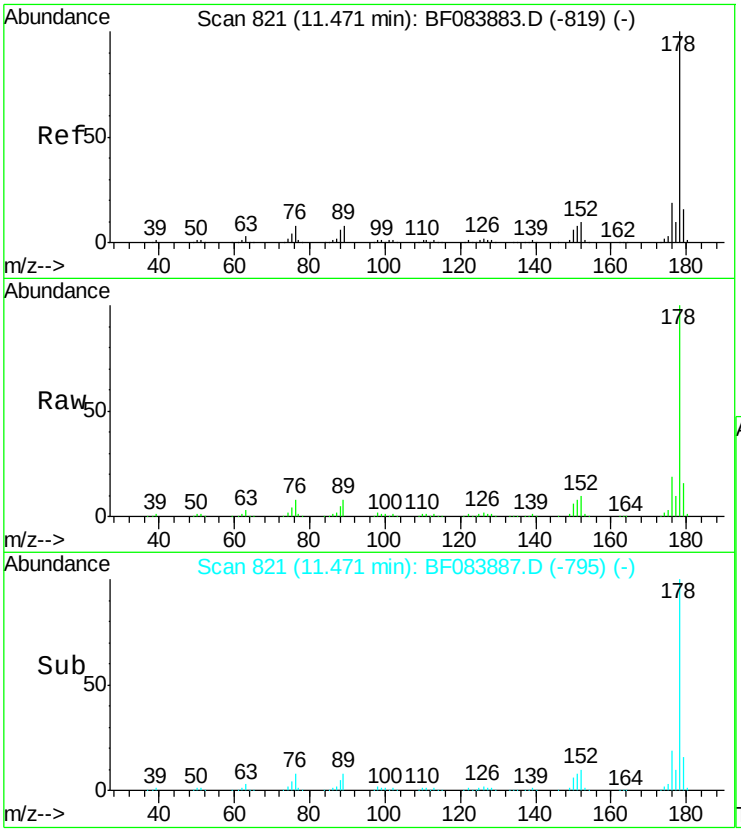


#70
Phenanthrene
Concen: 37.41 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:178 Resp: 420097

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	14.8	12.0	18.0



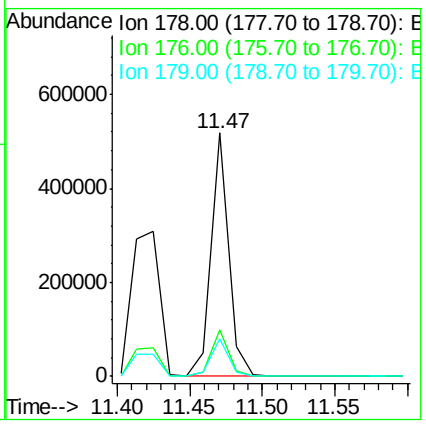


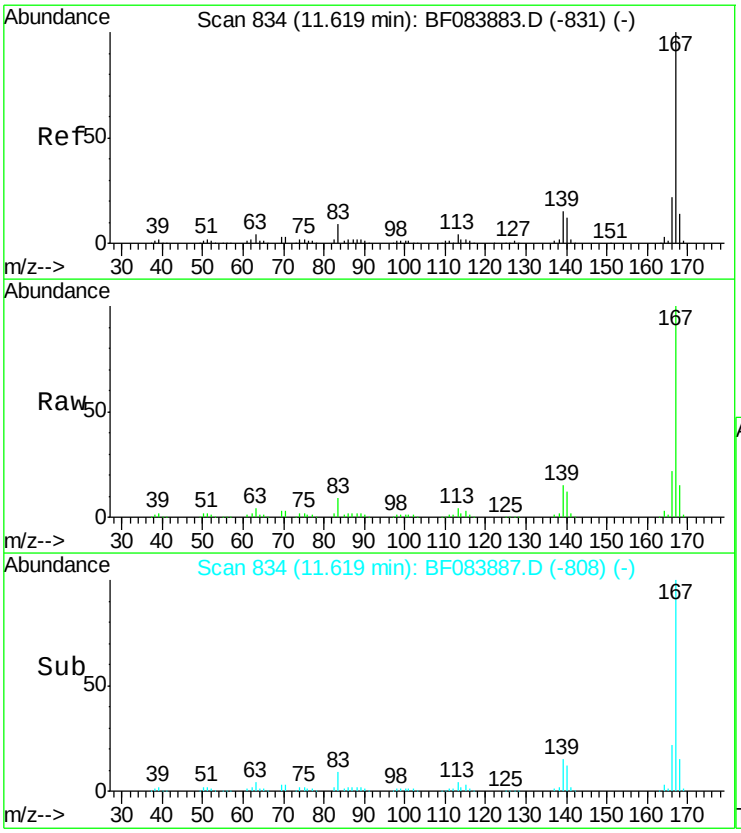
#71
Anthracene
Concen: 40.14 ng
RT: 11.47 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:178 Resp: 435688

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.6	12.5	18.7

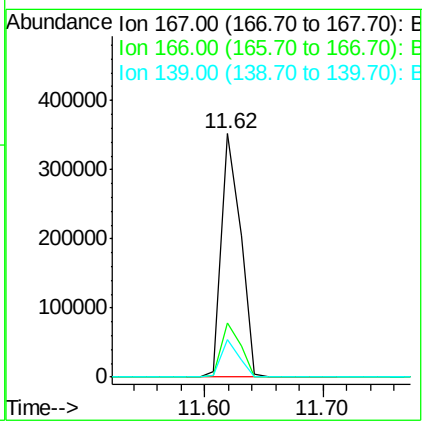


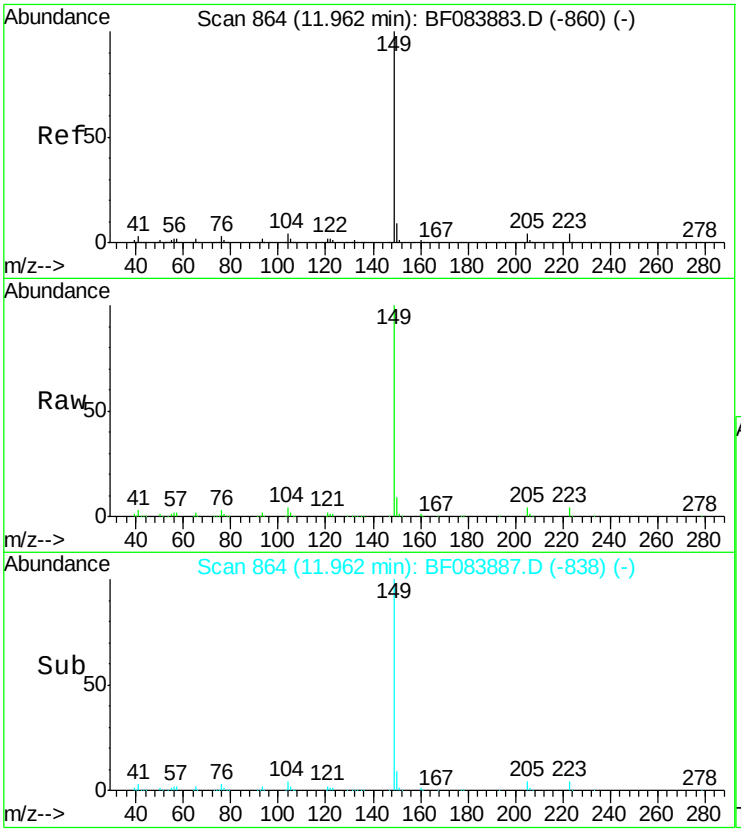


#72
Carbazole
Concen: 36.61 ng
RT: 11.62 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:167 Resp: 392651

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	15.2	11.8	17.8



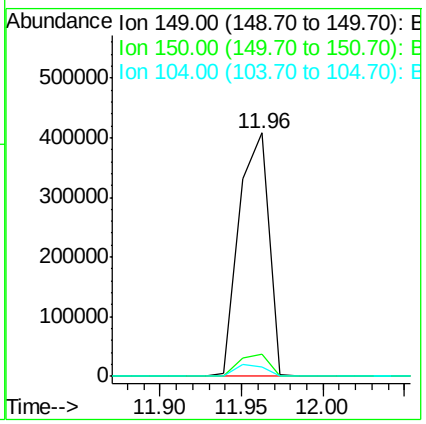


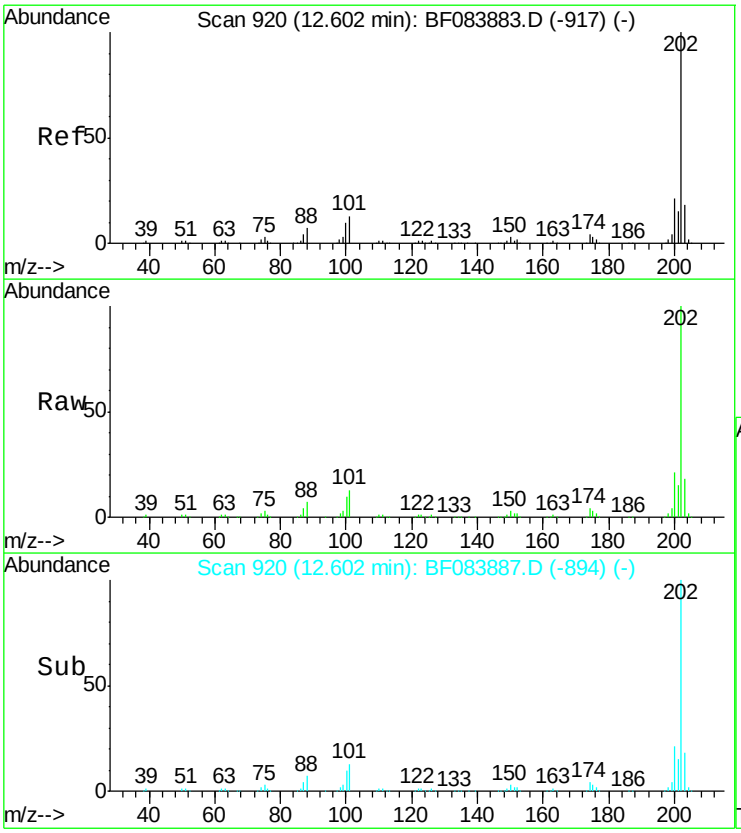
#73
Di-n-butylphthalate
Concen: 40.73 ng
RT: 11.96 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:149 Resp: 513336

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.1	10.7
104	4.0	3.2	4.8

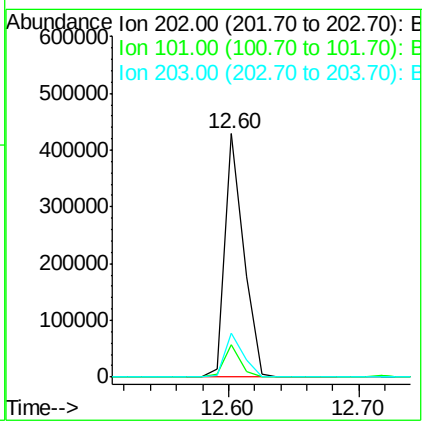


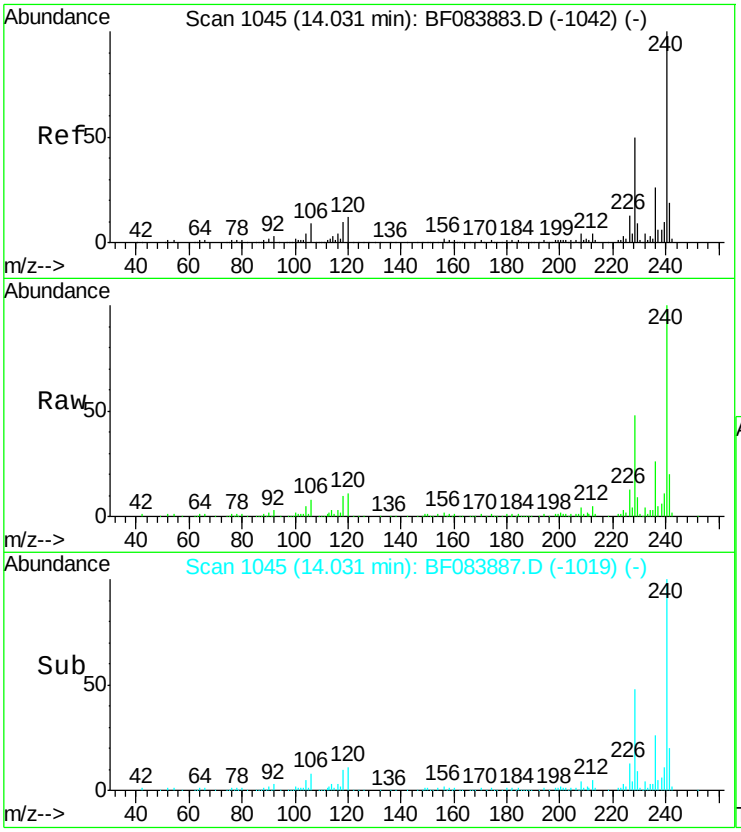


#74
Fluoranthene
Concen: 38.39 ng
RT: 12.60 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:202 Resp: 430247

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	32.8
203	18.2	0.0	37.9



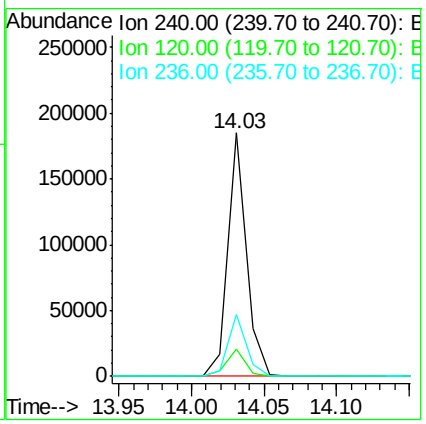


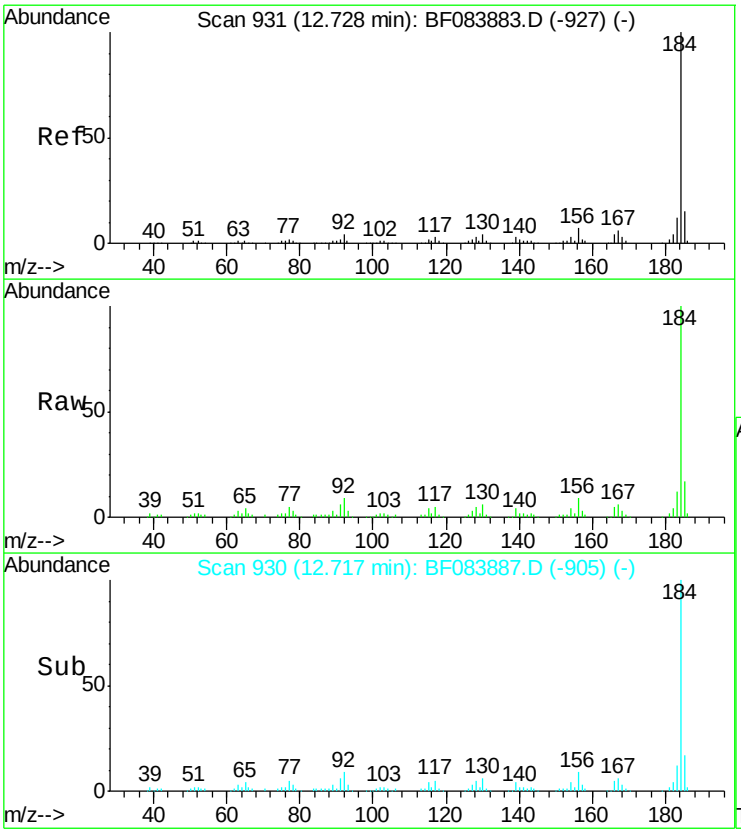
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:240 Resp: 165464

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.6	20.6	31.0

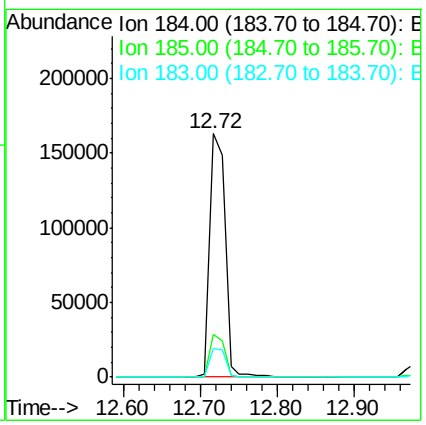


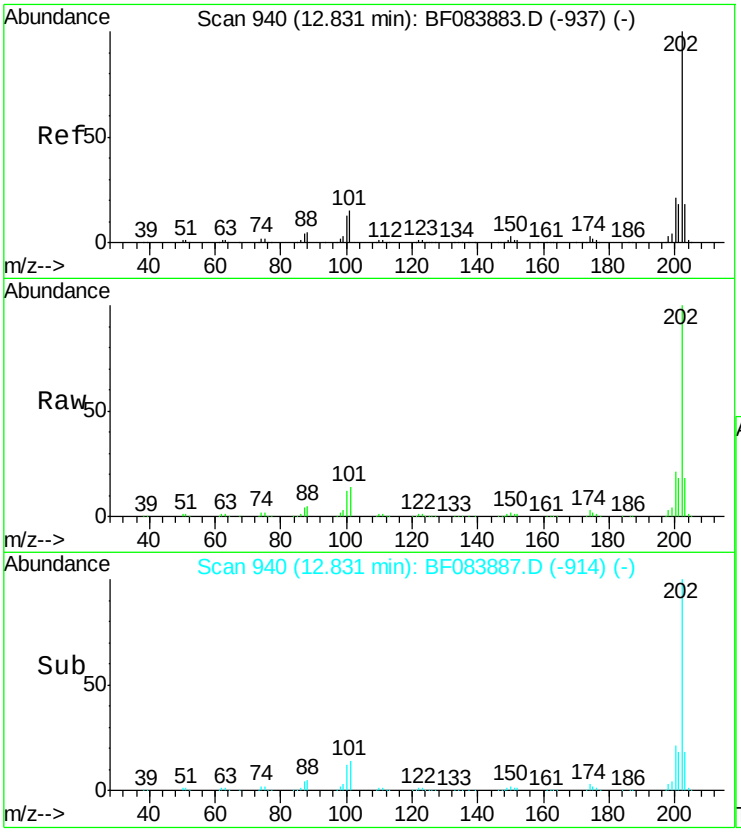


#76
Benzidine
Concen: 34.08 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:184 Resp: 225811

Ion	Ratio	Lower	Upper
184	100		
185	17.4	12.2	18.2
183	12.0	9.8	14.8



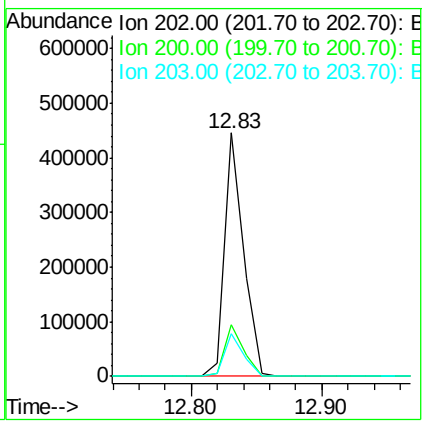


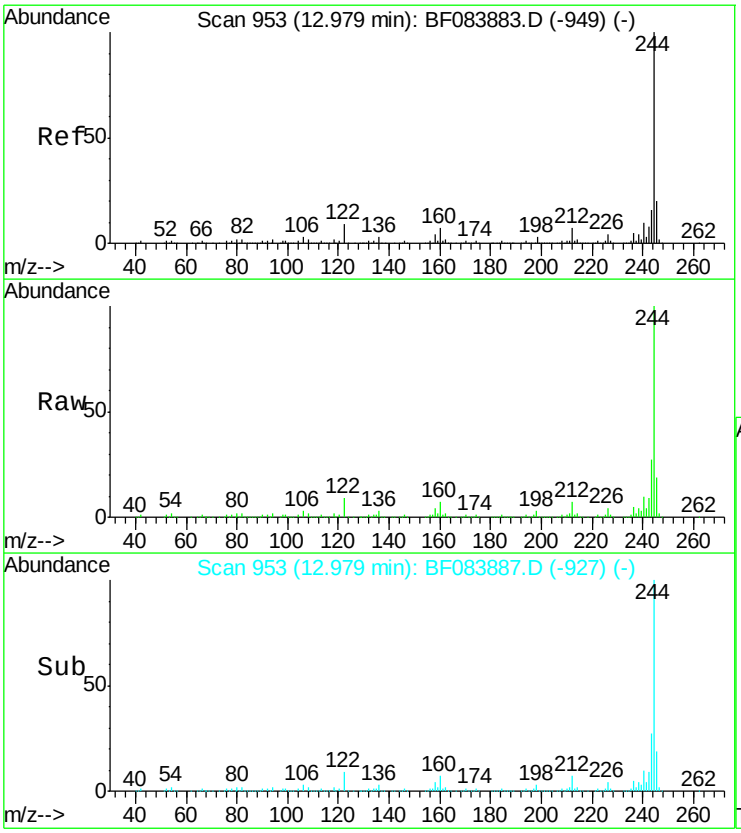
#77
Pyrene
Concen: 42.76 ng
RT: 12.83 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:202 Resp: 448007

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.2	25.8
203	17.7	14.3	21.5

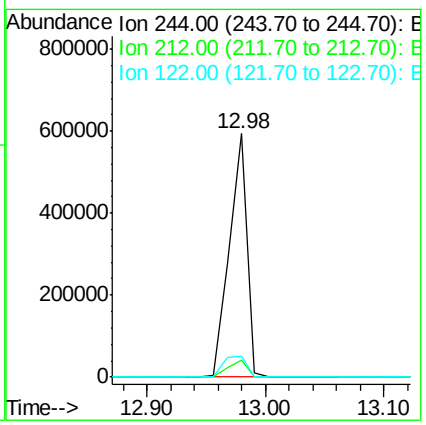


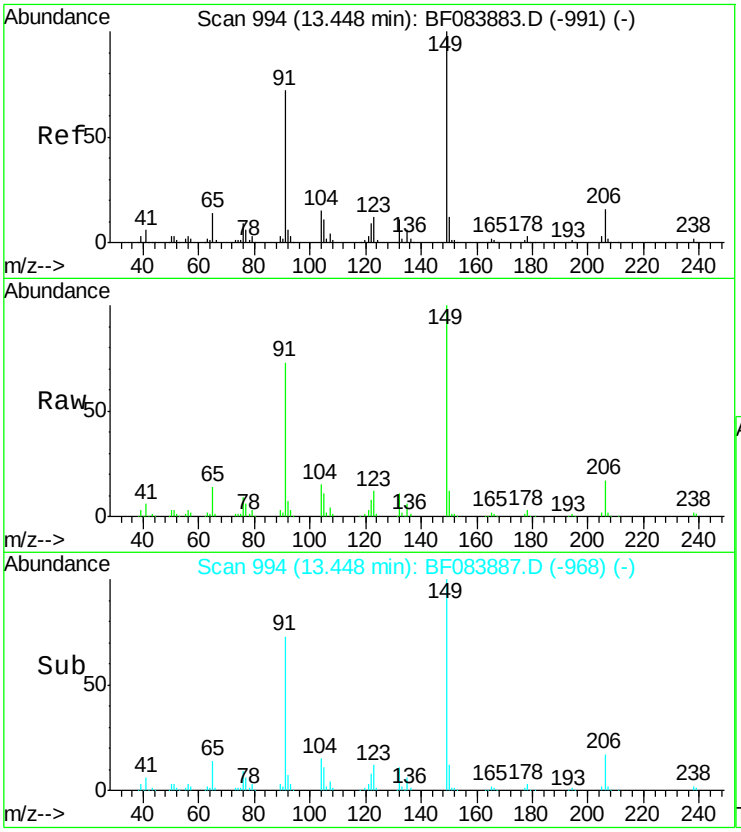


#78
Terphenyl-d14
Concen: 86.00 ng
RT: 12.98 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:244 Resp: 608105

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	8.7	7.4	11.0



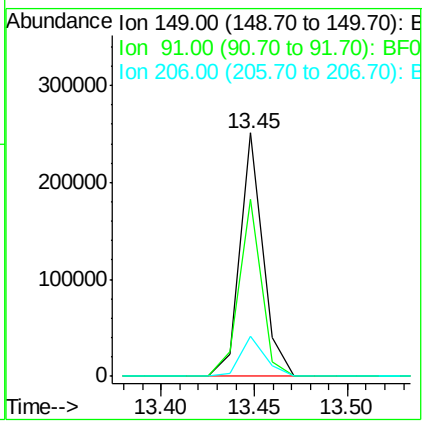


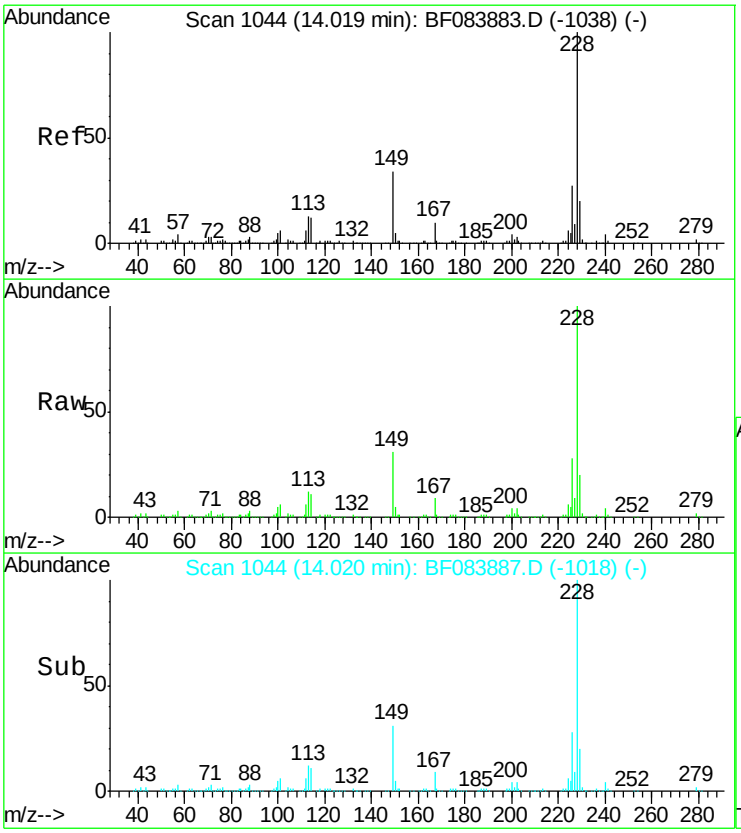
#79
Butylbenzylphthalate
Concen: 39.19 ng
RT: 13.45 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:149 Resp: 215852

Ion	Ratio	Lower	Upper
149	100		
91	72.5	57.6	86.4
206	16.6	13.2	19.8

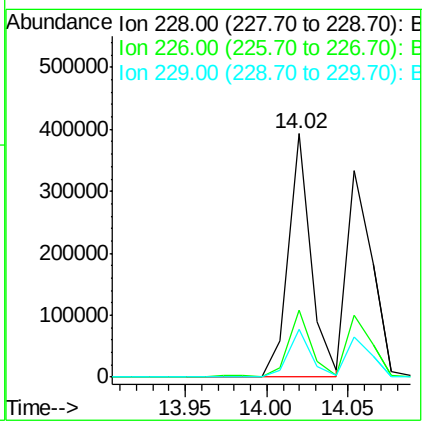


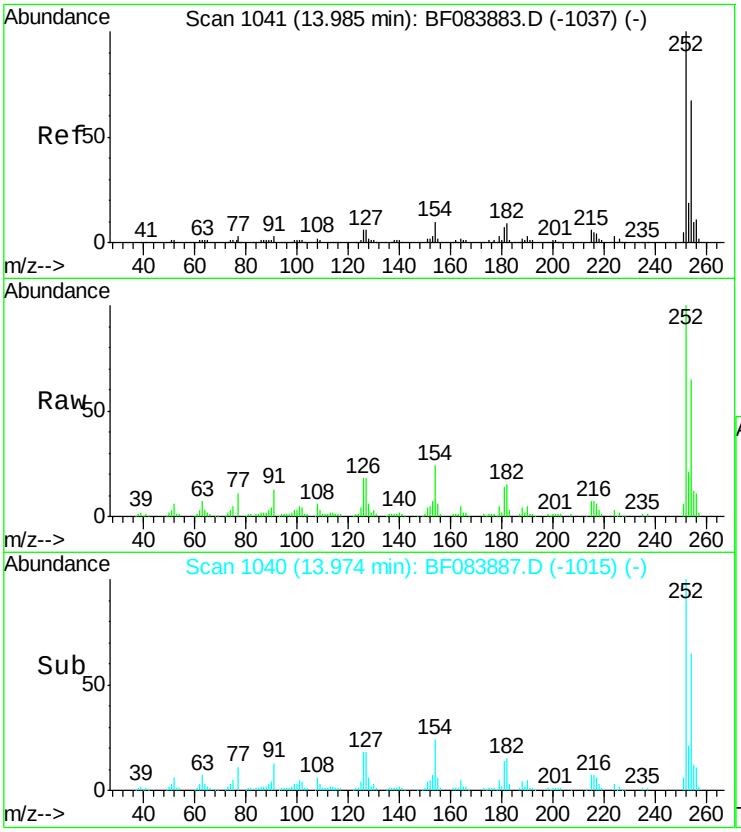


#80
Benzo(a)anthracene
Concen: 37.37 ng
RT: 14.02 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:228 Resp: 380155

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.6
229	19.7	15.8	23.8



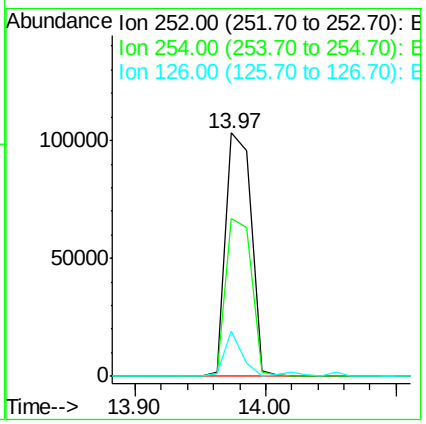


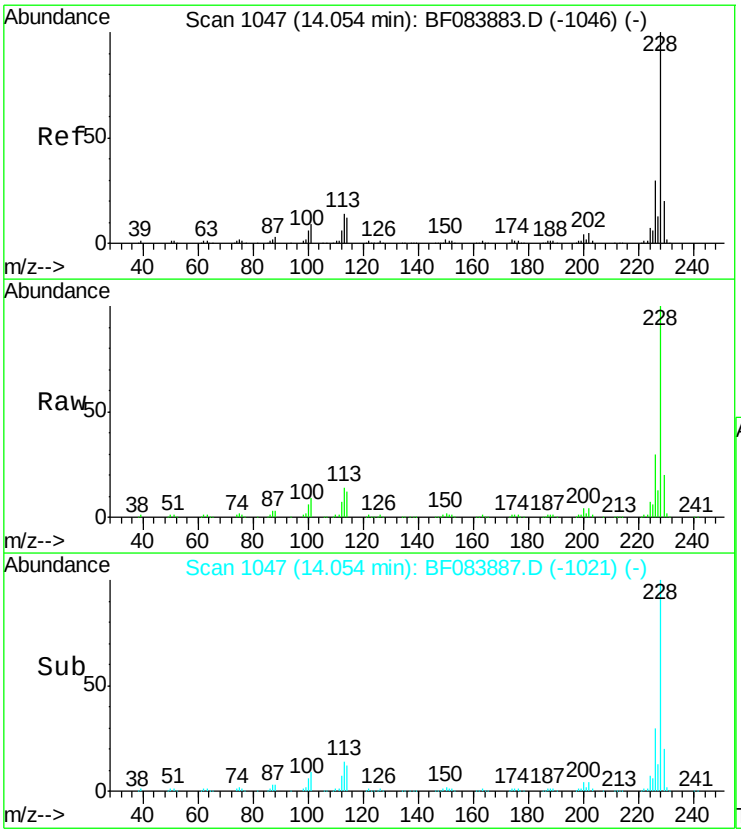
#81
3,3'-Dichlorobenzidine
Concen: 36.92 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion:252 Resp: 140400

Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.5	80.3
126	18.4	4.9	7.3#





#82
Chrysene
Concen: 37.06 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion:228 Resp: 364252

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	19.6	16.1	24.1