Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF052915\
Data File : BF079559.D
Acq On : 29 May 2015 13:53
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 29 23:09:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 17:35:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70392	20.00	ng		-0.01
21) Naphthalene-d8	8.54	136	289258	20.00	ng		0.00
38) Acenaphthene-d10	10.70	164	142696	20.00	ng		-0.01
63) Phenanthrene-d10	12.53	188	259749	20.00	ng		-0.01
75) Chrysene-d12	15.87	240	249626	20.00	ng		0.03
86) Perylene-d12	17.81	264	258287	20.00	ng		0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	351133	86.52	ng		0.00
7) Phenol-d6	6.55	99	436871	84.45	ng		-0.01
23) Nitrobenzene-d5	7.66	82	422429	84.42	ng		-0.01
41) 2,4,6-Tribromophenol	11.68	330	133944	85.46	ng		-0.01
44) 2-Fluorobiphenyl	9.88	172	833577	83.34	ng		0.00
78) Terphenyl-d14	14.53	244	879467	82.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	90932	47.10	ng	#	100
3) Pyridine	2.40	79	177076	41.65	ng		98
4) n-Nitrosodimethylamine	2.33	42	89643	42.83	ng		100
6) Aniline	6.55	93	303988	41.40	ng		96
8) 2-Chlorophenol	6.68	128	197562	41.82	ng		93
9) Benzaldehyde	6.40	77	121285	42.62	ng		99
10) Phenol	6.57	94	250627	41.15	ng		96
11) bis(2-Chloroethyl)ether	6.65	93	186531	42.34	ng		92
12) 1,3-Dichlorobenzene	6.97	146	218456	41.74	ng		97
13) 1,4-Dichlorobenzene	6.97	146	221169	41.42	ng		97
14) 1,2-Dichlorobenzene	7.15	146	210165	42.38	ng		98
15) Benzyl Alcohol	7.15	79	160370	42.19	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.32	45	252223	39.11	ng		85
17) 2-Methylphenol	7.31	107	162197	43.70	ng		99
18) Hexachloroethane	7.56	117	76347	41.54	ng		95
19) n-Nitroso-di-n-propylamine	7.48	70	144684	39.75	ng		95
20) 3+4-Methylphenols	7.51	107	213361	41.83	ng		92
22) Acetophenone	7.47	105	274608	42.37	ng	#	94
24) Nitrobenzene	7.68	77	210698	42.72	ng	#	87
25) Isophorone	7.98	82	373051	40.90	ng	#	92
26) 2-Nitrophenol	8.07	139	101555	43.49	ng	#	81
27) 2,4-Dimethylphenol	8.16	122	170523	40.63	ng		97
28) bis(2-Chloroethoxy)methane	8.26	93	226876	40.13	ng		97
29) 2,4-Dichlorophenol	8.38	162	163642	42.56	ng		94
30) 1,2,4-Trichlorobenzene	8.47	180	169579	42.52	ng		96
31) Naphthalene	8.56	128	584386	42.10	ng		99
32) Benzoic acid	8.30	122	104925	40.28	ng		94
33) 4-Chloroaniline	8.65	127	242918	41.88	ng	#	94
34) Hexachlorobutadiene	8.72	225	93296	41.12	ng		97
35) Caprolactam	9.08	113	49479	40.81	ng		90
36) 4-Chloro-3-methylphenol	9.27	107	167948	42.11	ng		91
37) 2-Methylnaphthalene	9.42	142	400693	41.58	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	165836	41.55	ng	#	100
40) Hexachlorocyclopentadiene	9.61	237	27448	34.60	ng		96

Data Path : Z:\HPCHEM1\BNA_F\Data\BF052915\
Data File : BF079559.D
Acq On : 29 May 2015 13:53
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 29 23:09:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 17:35:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.78	196	113158	40.60	ng		94
43) 2,4,5-Trichlorophenol	9.83	196	121748	43.89	ng	#	90
45) 1,1'-Biphenyl	10.00	154	456568	40.97	ng		98
46) 2-Chloronaphthalene	10.02	162	359241	40.81	ng		93
47) 2-Nitroaniline	10.16	65	105056	40.14	ng	#	64
48) Acenaphthylene	10.52	152	595758	40.77	ng		99
49) Dimethylphthalate	10.40	163	426820	40.59	ng		99
50) 2,6-Dinitrotoluene	10.47	165	89435	42.58	ng	#	67
51) Acenaphthene	10.74	154	332916	39.85	ng		99
52) 3-Nitroaniline	10.67	138	112255	41.09	ng	#	75
53) 2,4-Dinitrophenol	10.82	184	29446	45.13	ng		90
54) Dibenzofuran	10.95	168	493884	40.08	ng		99
55) 4-Nitrophenol	10.95	139	254300	167.84	ng	#	15
56) 2,4-Dinitrotoluene	10.97	165	120874	42.91	ng	#	79
57) Fluorene	11.37	166	403831	39.76	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.12	232	85733	42.46	ng	#	100
59) Diethylphthalate	11.27	149	407968	39.64	ng		96
60) 4-Chlorophenyl-phenylether	11.39	204	181950	41.46	ng	#	81
61) 4-Nitroaniline	11.43	138	107997	42.43	ng		83
62) Azobenzene	11.59	77	416707	41.63	ng		85
64) 4,6-Dinitro-2-methylphenol	11.47	198	53020	41.49	ng		78
65) n-Nitrosodiphenylamine	11.54	169	365240	42.34	ng		98
66) 4-Bromophenyl-phenylether	11.99	248	113506	42.44	ng		93
67) Hexachlorobenzene	12.05	284	131693	43.18	ng		93
68) Atrazine	12.22	200	91870	39.42	ng		97
69) Pentachlorophenol	12.31	266	49963	42.77	ng		98
70) Phenanthrene	12.56	178	601586	42.22	ng		99
71) Anthracene	12.62	178	600526	41.51	ng		99
72) Carbazole	12.83	167	563469	40.45	ng		99
73) Di-n-butylphthalate	13.29	149	660117	42.26	ng		99
74) Fluoranthene	14.03	202	638293	41.77	ng		98
76) Benzidine	14.22	184	300254	56.16	ng		100
77) Pyrene	14.31	202	648940	41.96	ng		100
79) Butylbenzylphthalate	15.18	149	299351	43.04	ng	#	85
80) Benzo(a)anthracene	15.86	228	582486	40.56	ng		100
81) 3,3'-Dichlorobenzidine	15.85	252	219237	41.69	ng		98
82) Chrysene	15.91	228	549195	40.24	ng		99
83) Bis(2-ethylhexyl)phthalate	15.95	149	432504	43.41	ng	#	98
84) Di-n-octyl phthalate	16.83	149	748071	43.14	ng		99
87) Benzo(b)fluoranthene	17.30	252	627189	42.58	ng		98
88) Benzo(k)fluoranthene	17.34	252	553687	42.03	ng	#	96
89) Benzo(a)pyrene	17.74	252	564803	43.67	ng		99
90) Dibenzo(a,h)anthracene	19.25	278	593413	43.87	ng		98
91) Benzo(g,h,i)perylene	19.60	276	593542	43.99	ng		95

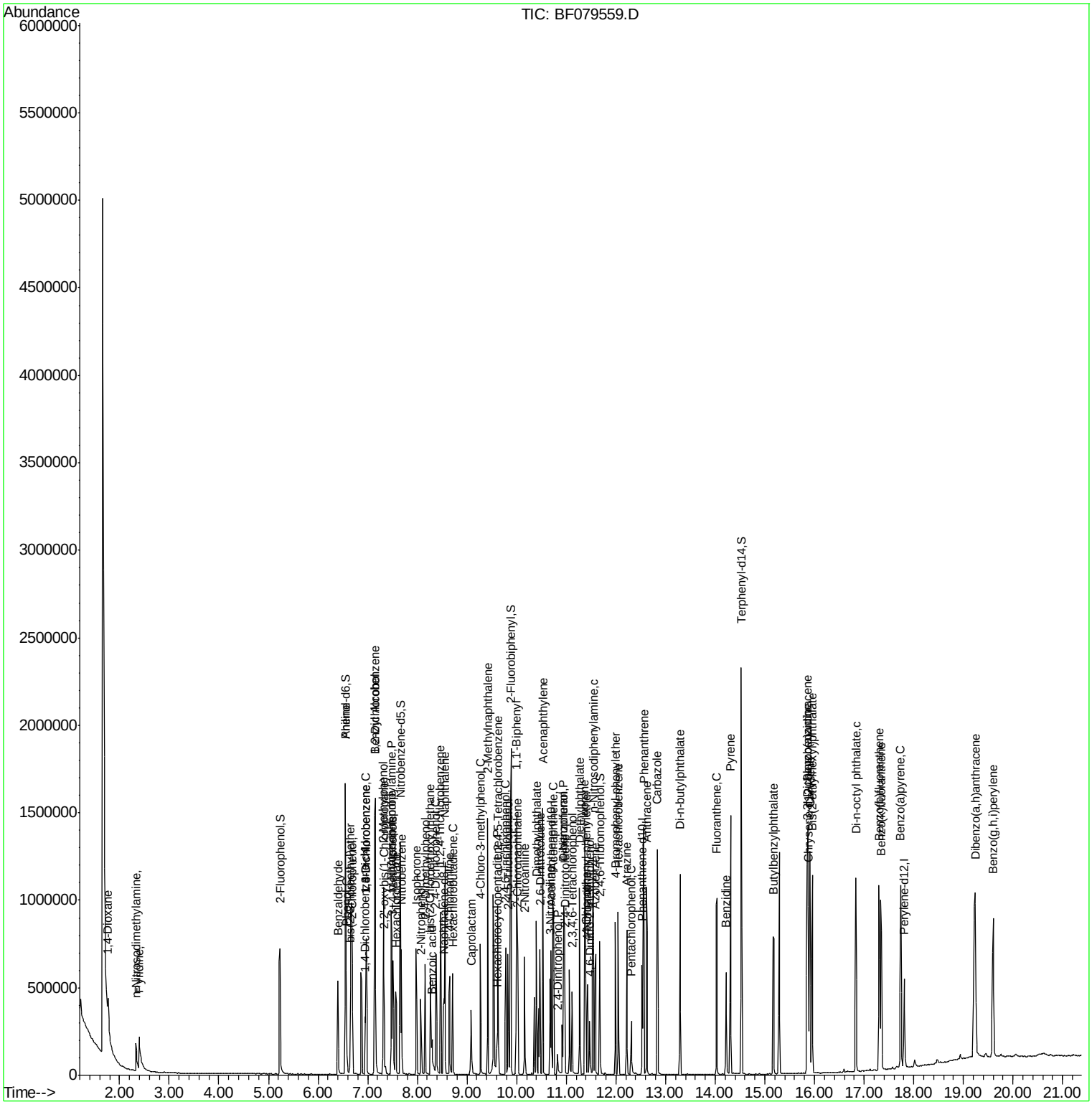
(#) = qualifier out of range (m) = manual integration (+) = signals summed

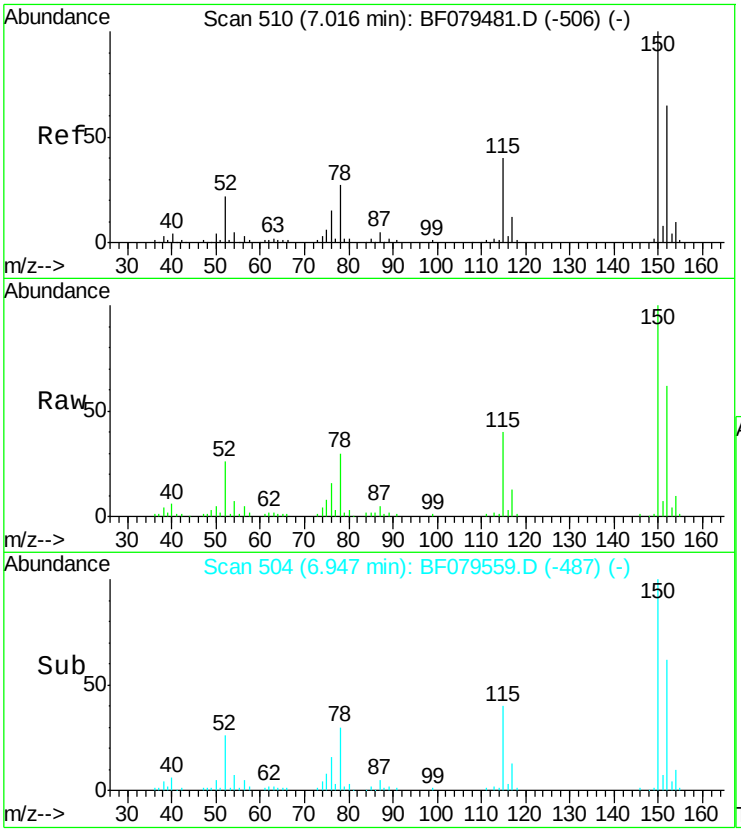
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF052915\
Data File : BF079559.D
Acq On : 29 May 2015 13:53
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 29 23:09:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 17:35:14 2015
Response via : Initial Calibration



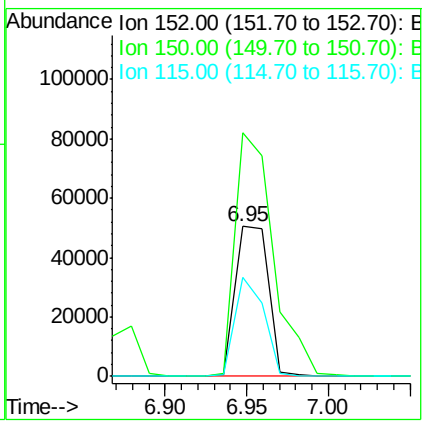


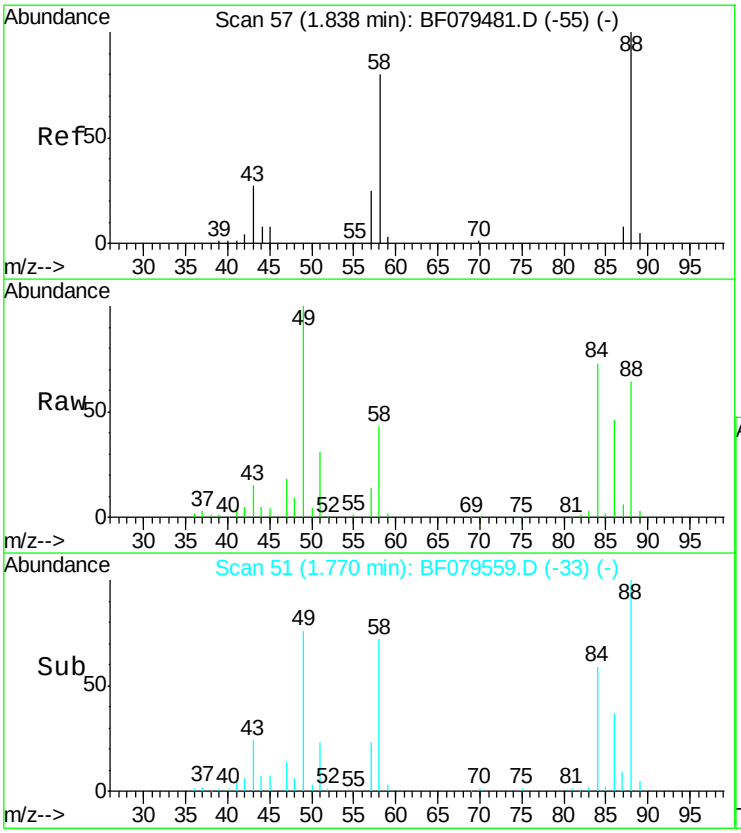
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 70392

Ion	Ratio	Lower	Upper
152	100		
150	162.5	124.0	186.0
115	65.8	49.6	74.4

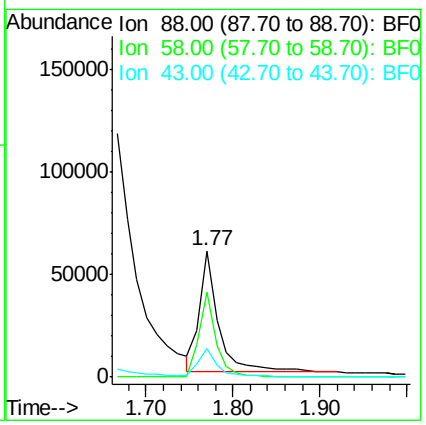


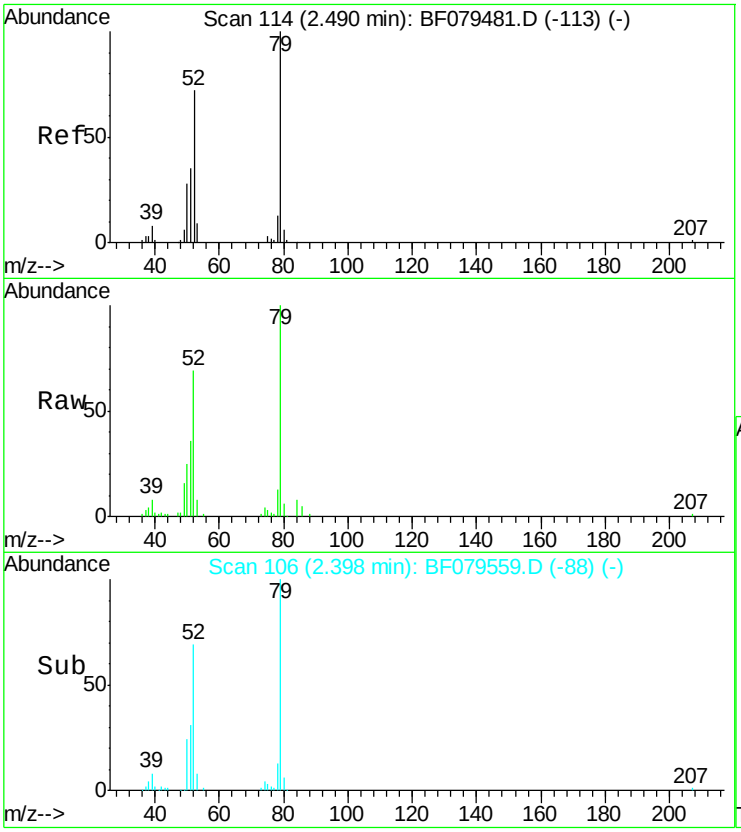


#2
1,4-Dioxane
Concen: 47.10 ng
RT: 1.77 min Scan# 51
Delta R.T. 0.00 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion: 88 Resp: 90932

Ion	Ratio	Lower	Upper
88	100		
58	61.6	0.0	0.0#
43	22.5	0.0	0.0#



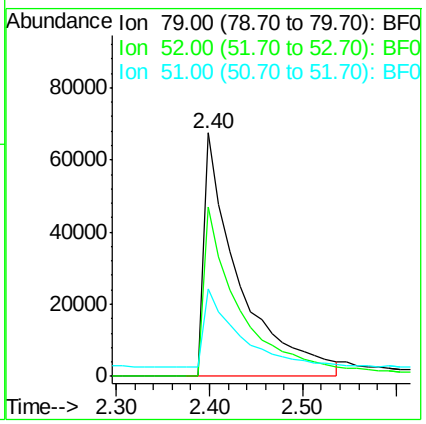


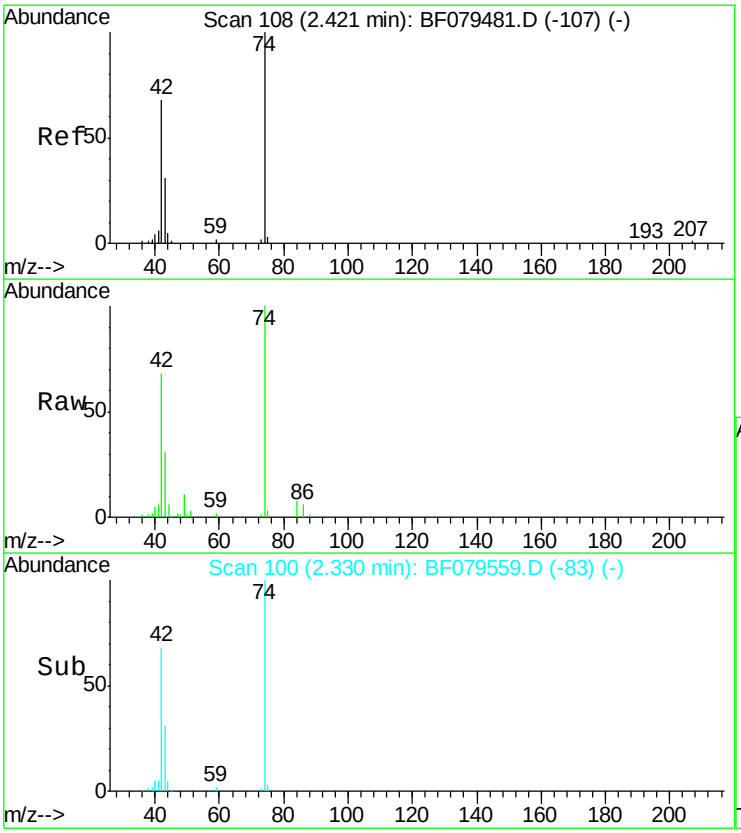
#3
Pyridine
Concen: 41.65 ng
RT: 2.40 min Scan# 106
Delta R.T. 0.00 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 177076

Ion	Ratio	Lower	Upper
79	100		
52	69.3	57.4	86.2
51	35.9	29.4	44.0

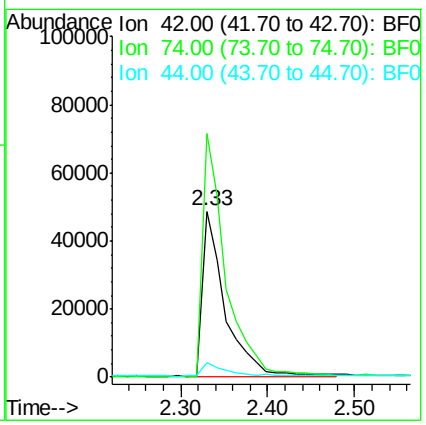


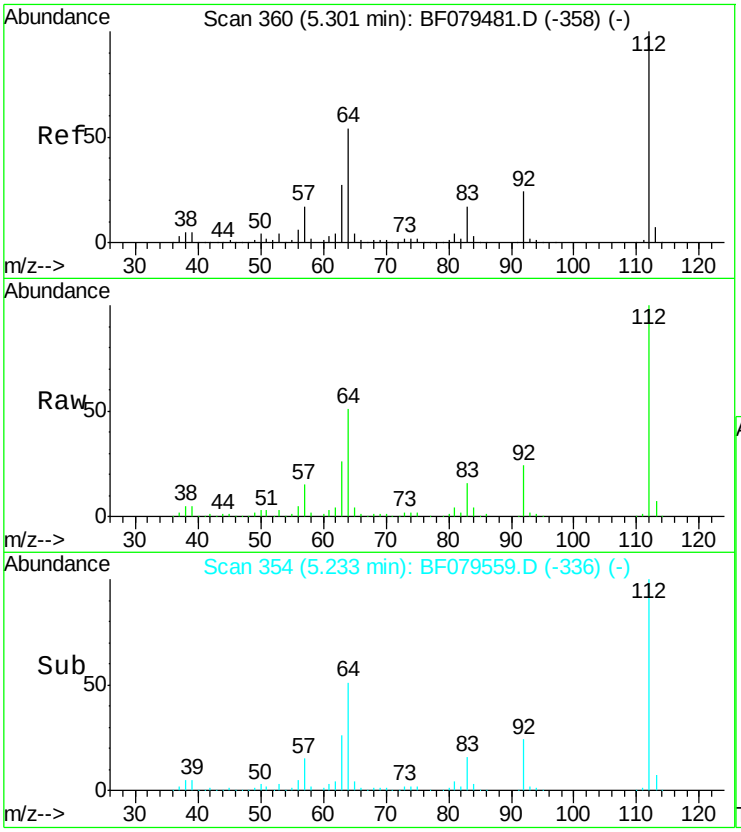


#4
n-Nitrosodimethylamine
Concen: 42.83 ng
RT: 2.33 min Scan# 100
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion: 42 Resp: 89643

Ion	Ratio	Lower	Upper
42	100		
74	146.6	117.6	176.4
44	8.7	6.9	10.3



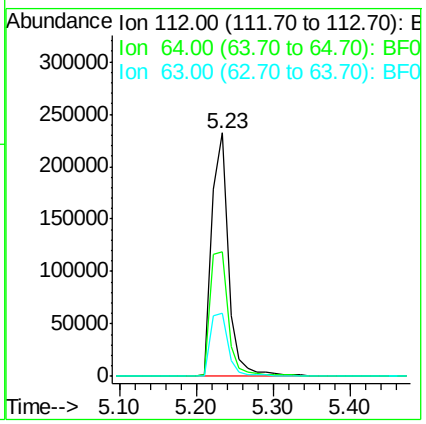


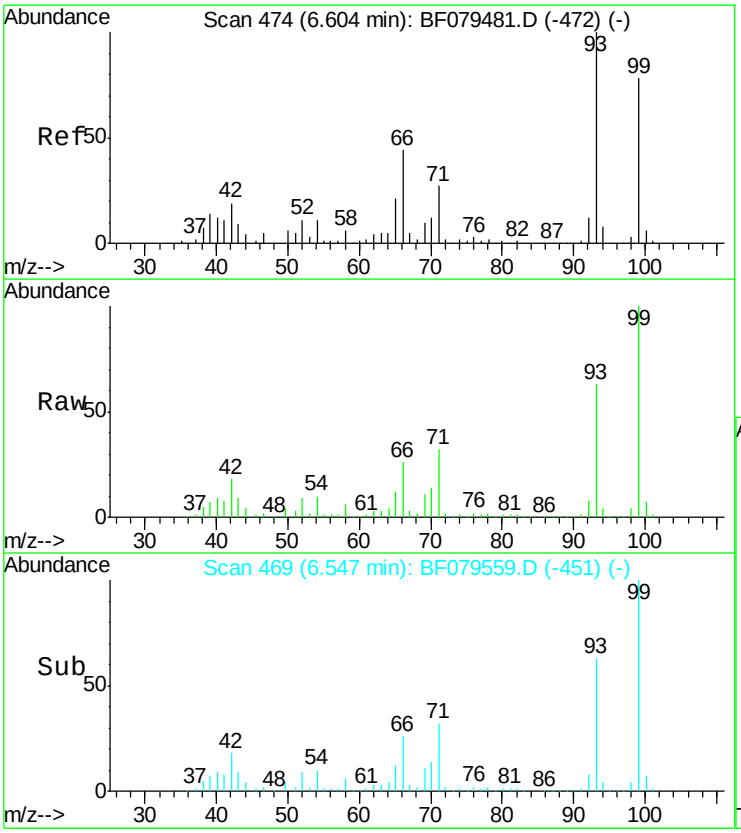
#5
2-Fluorophenol
Concen: 86.52 ng
RT: 5.23 min Scan# 354
Delta R.T. 0.00 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 351133

Ion	Ratio	Lower	Upper
112	100		
64	51.1	43.5	65.3
63	25.8	21.8	32.8

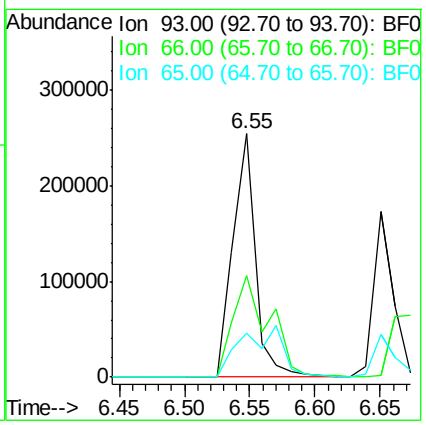


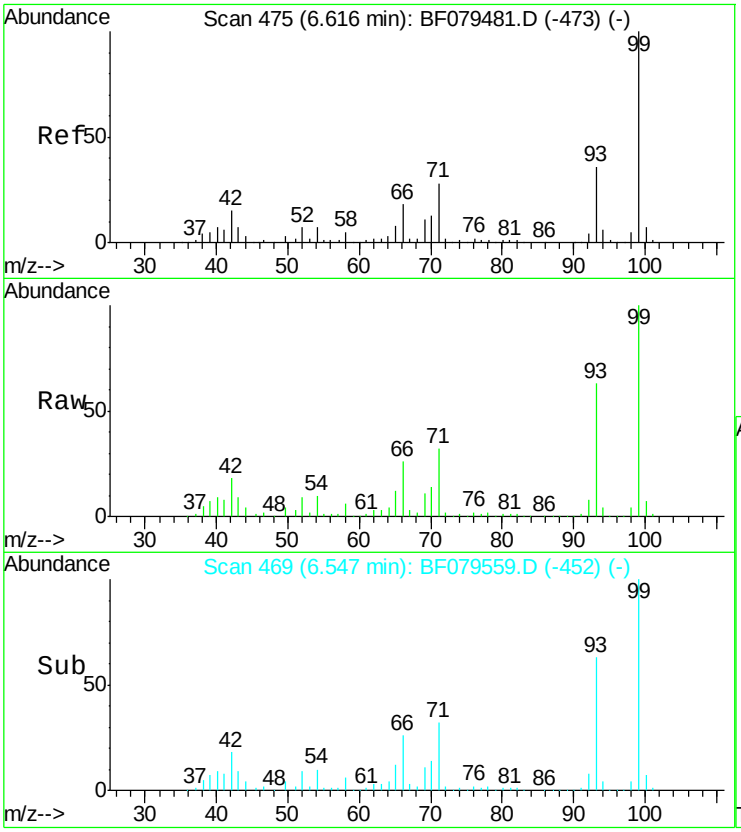


#6
Aniline
Concen: 41.40 ng
RT: 6.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion: 93 Resp: 303988

Ion	Ratio	Lower	Upper
93	100		
66	41.8	34.8	52.2
65	18.3	16.7	25.1



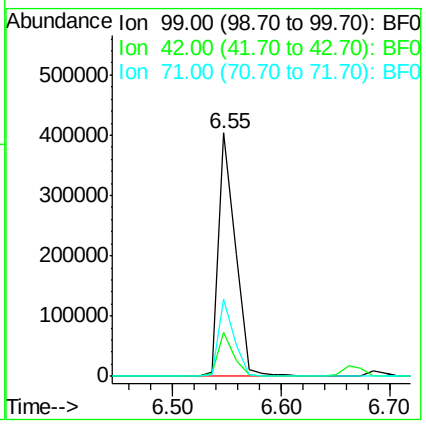


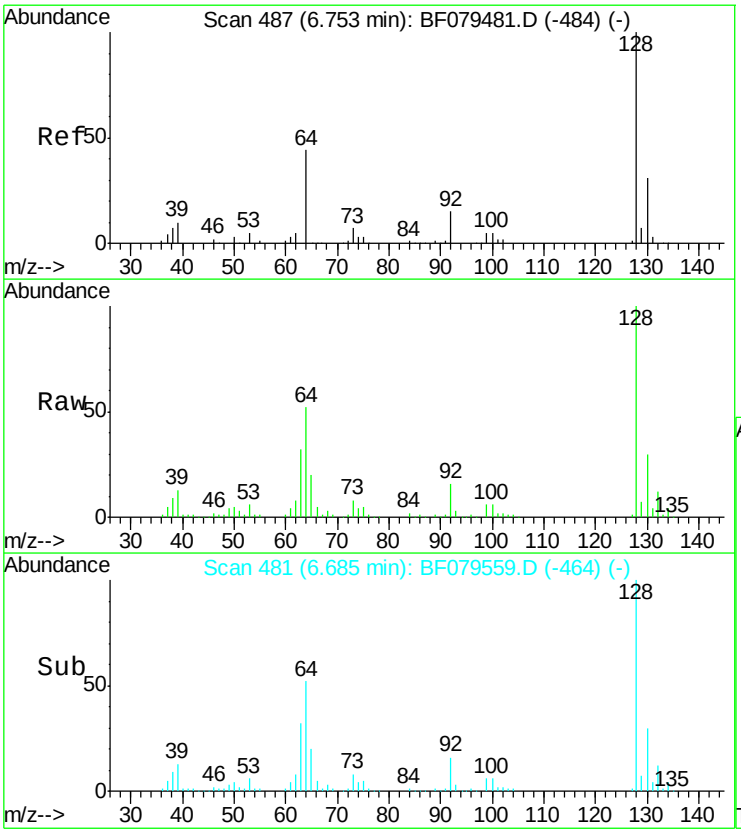
#7
Phenol-d6
Concen: 84.45 ng
RT: 6.55 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 436871

Ion	Ratio	Lower	Upper
99	100		
42	18.1	11.9	17.9#
71	31.8	22.1	33.1

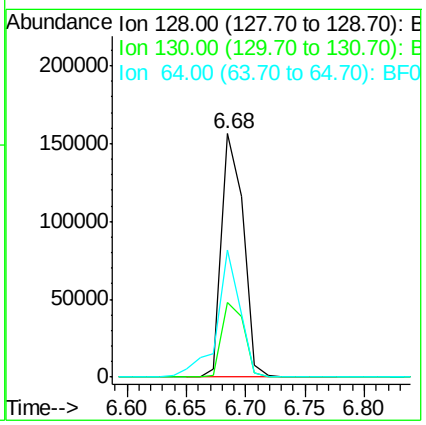


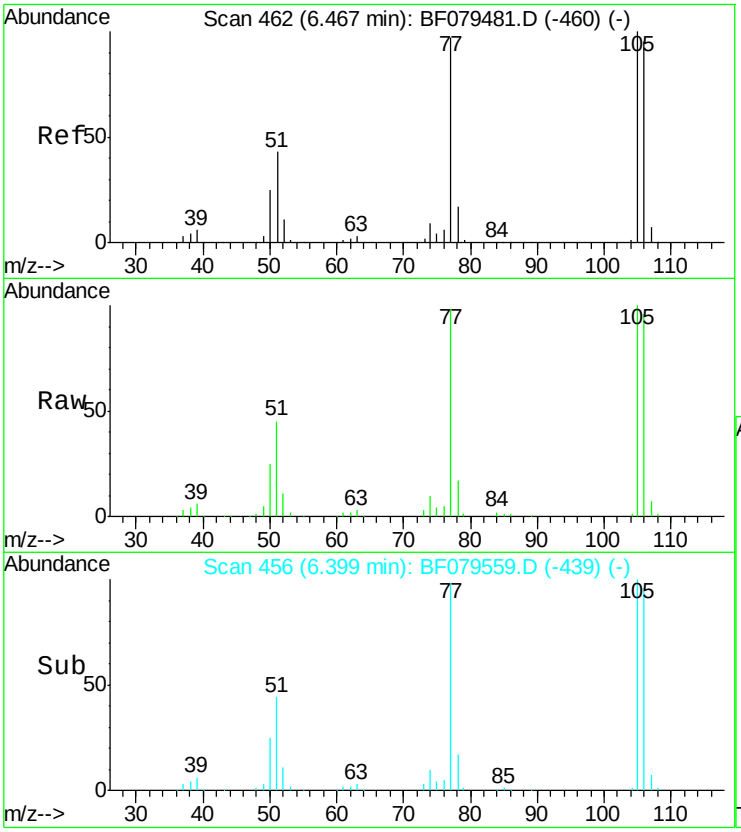


#8
2-Chlorophenol
Concen: 41.82 ng
RT: 6.68 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:128 Resp: 197562

Ion	Ratio	Lower	Upper
128	100		
130	30.5	11.4	51.4
64	52.5	25.9	65.9



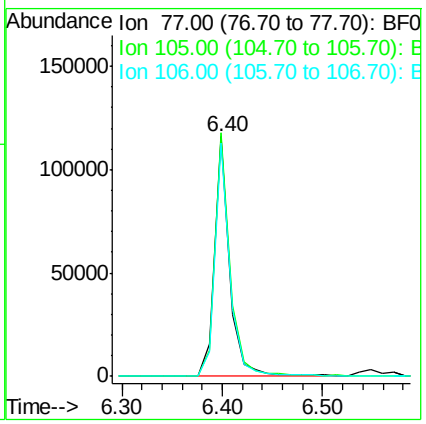


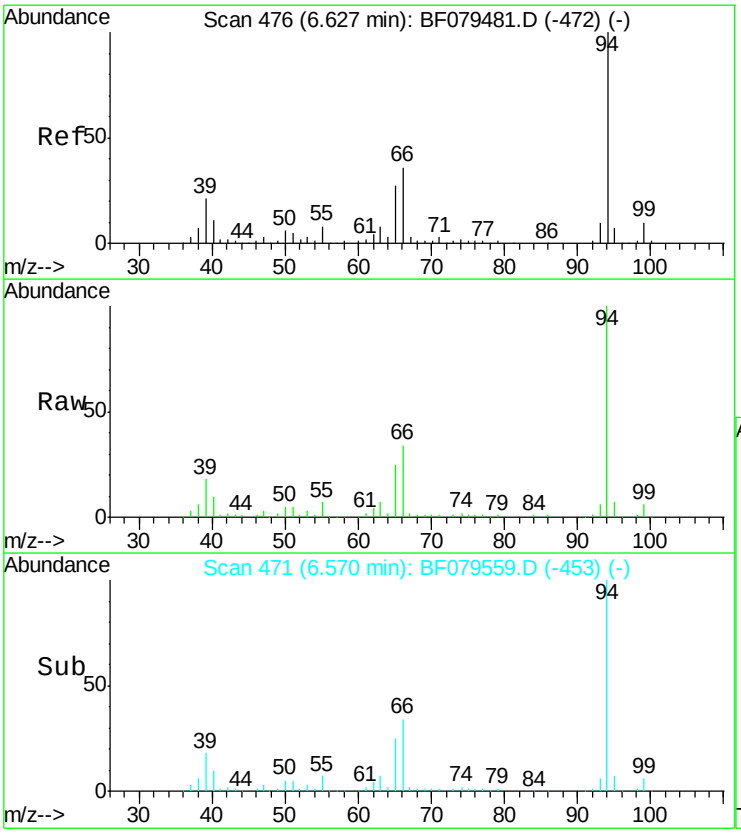
#9
Benzaldehyde
Concen: 42.62 ng
RT: 6.40 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 121285

Ion	Ratio	Lower	Upper
77	100		
105	101.7	83.3	123.3
106	97.7	78.4	118.4

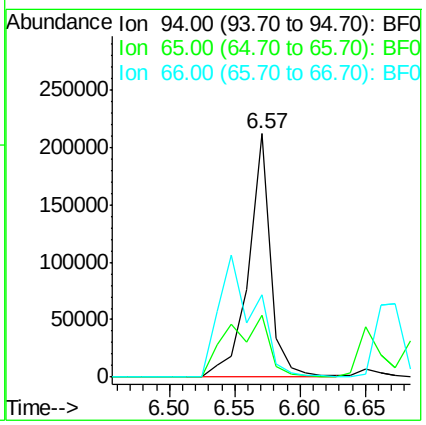


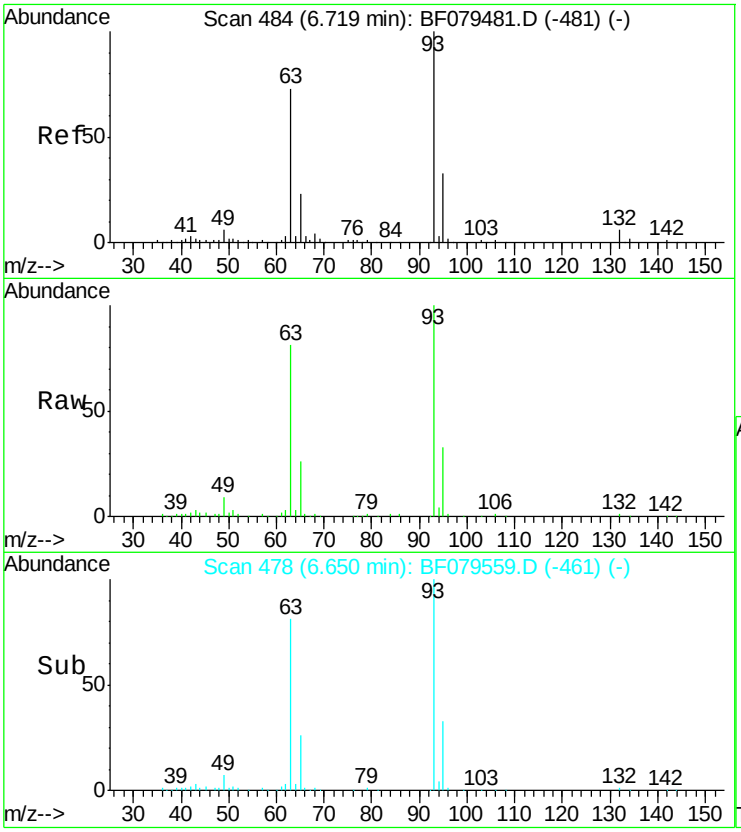


#10
Phenol
Concen: 41.15 ng
RT: 6.57 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion: 94 Resp: 250627

Ion	Ratio	Lower	Upper
94	100		
65	25.4	7.2	47.2
66	33.6	16.2	56.2



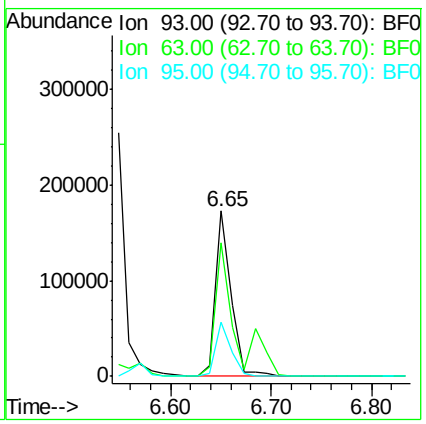


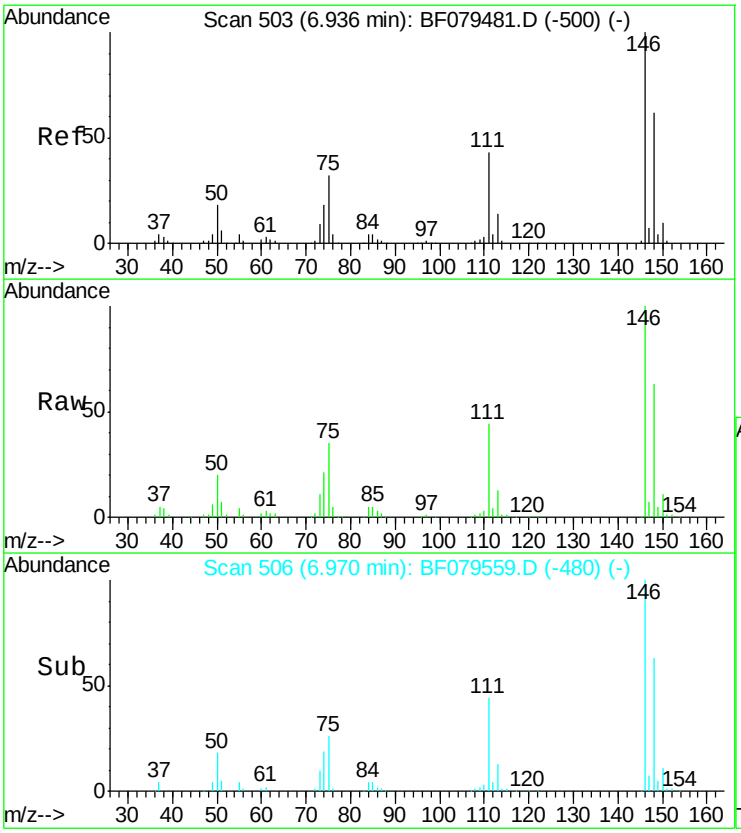
#11
bis(2-Chloroethyl)ether
Concen: 42.34 ng
RT: 6.65 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 186531

Ion	Ratio	Lower	Upper
93	100		
63	81.0	51.8	91.8
95	32.8	13.0	53.0

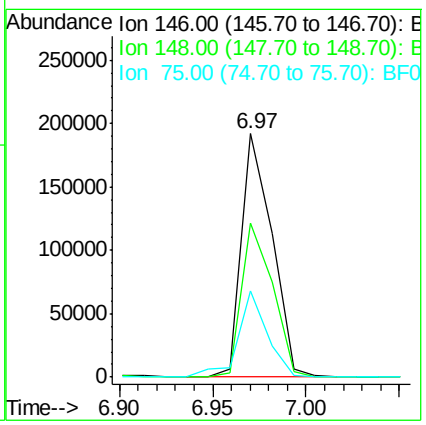


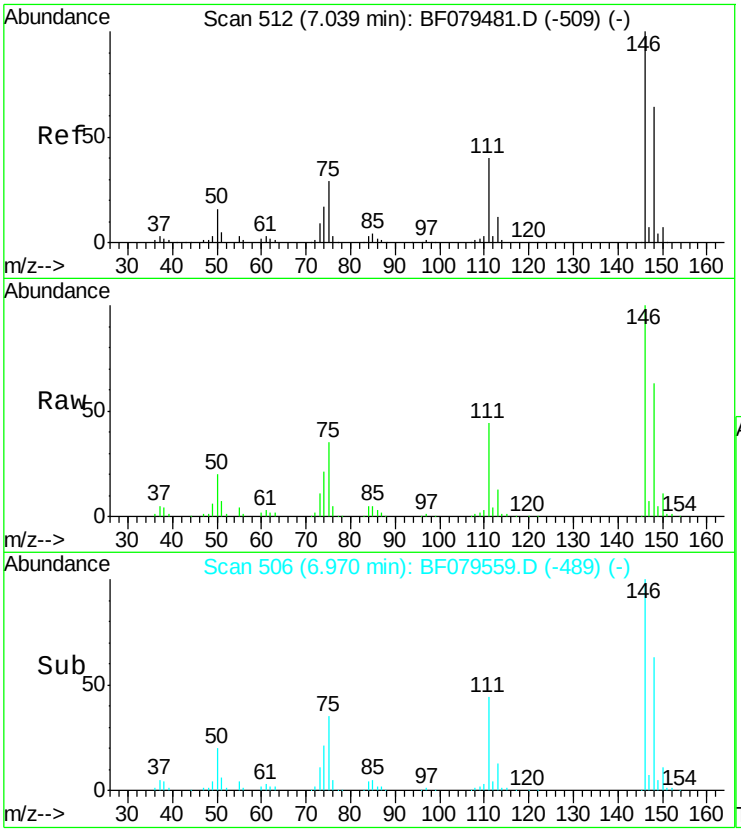


#12
1,3-Dichlorobenzene
Concen: 41.74 ng
RT: 6.97 min Scan# 506
Delta R.T. 0.09 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:146 Resp: 218456

Ion	Ratio	Lower	Upper
146	100		
148	63.2	49.6	74.4
75	35.2	25.9	38.9



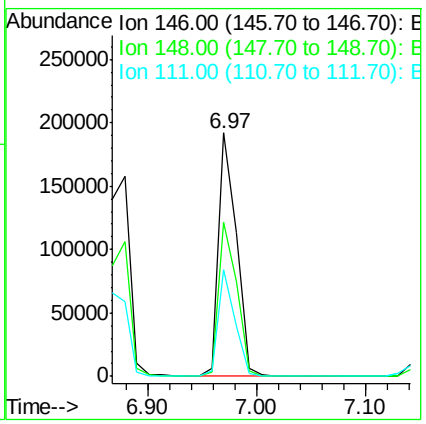


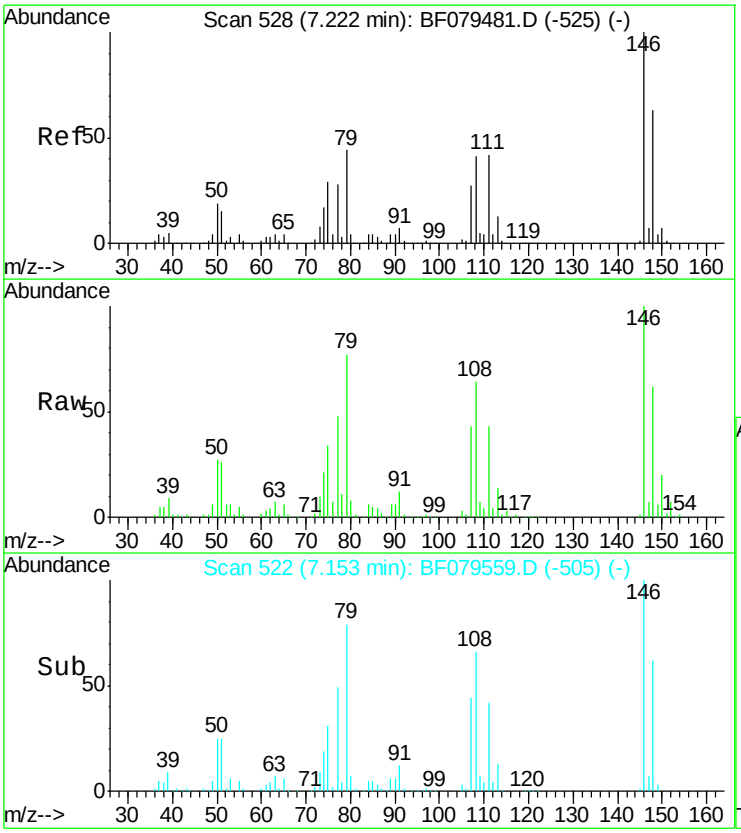
#13
1,4-Dichlorobenzene
Concen: 41.42 ng
RT: 6.97 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 221169

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.3	76.9
111	43.7	31.8	47.8

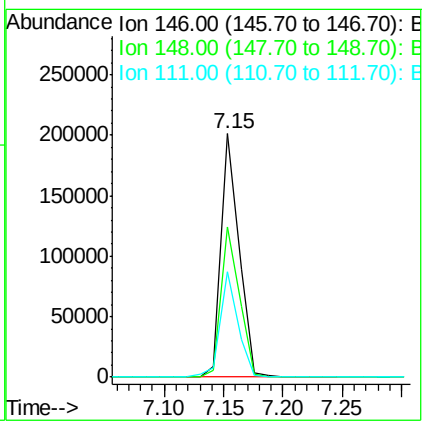


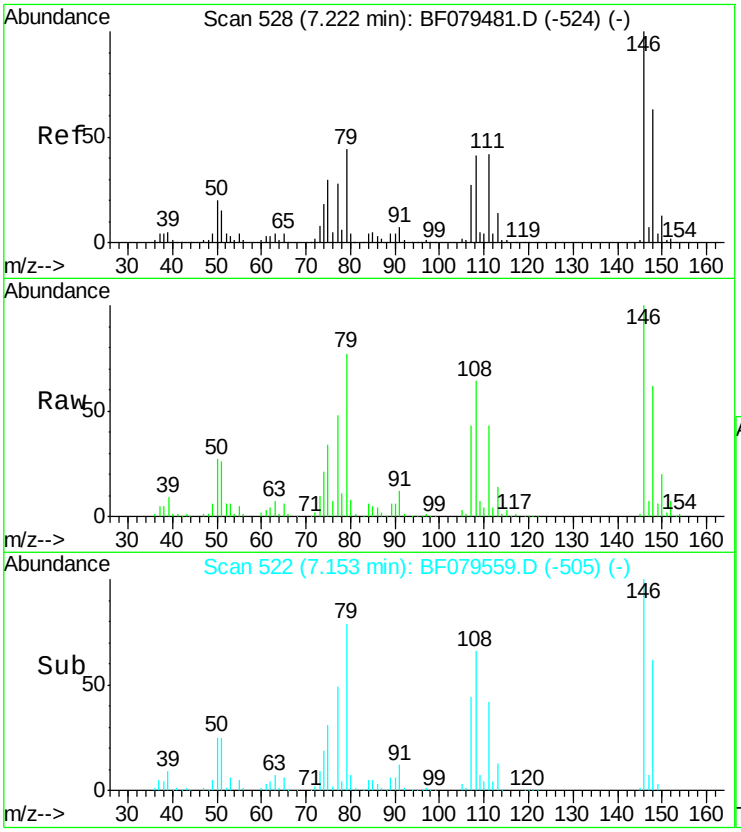


#14
1,2-Dichlorobenzene
Concen: 42.38 ng
RT: 7.15 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:146 Resp: 210165

Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.6	76.0
111	43.2	33.2	49.8



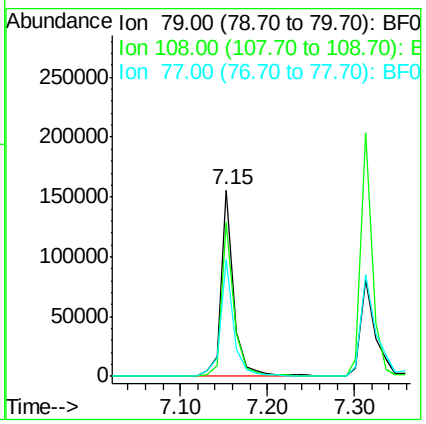


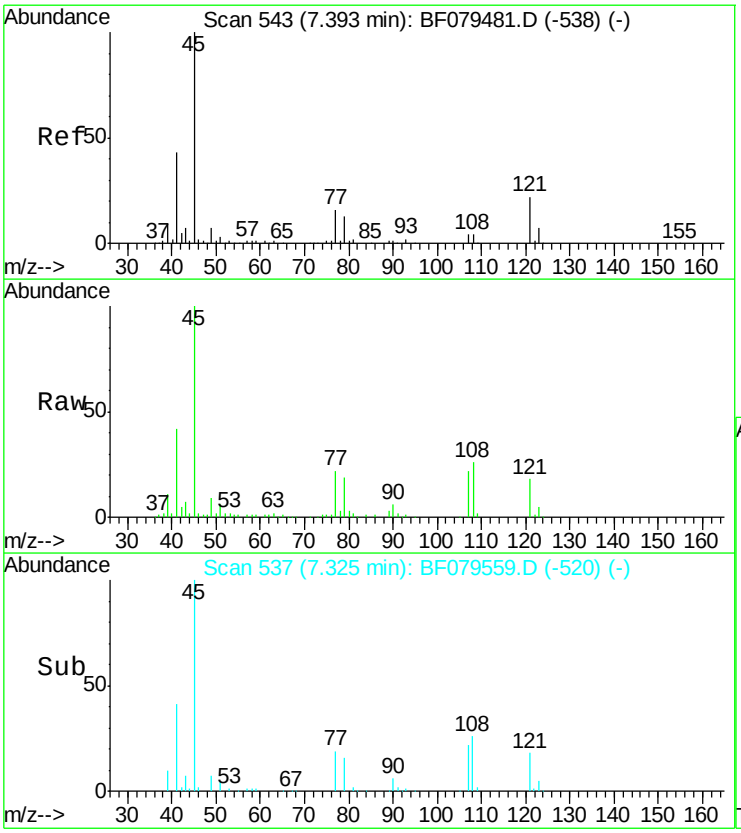
#15
Benzyl Alcohol
Concen: 42.19 ng
RT: 7.15 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 160370

Ion	Ratio	Lower	Upper
79	100		
108	82.8	73.7	110.5
77	62.5	51.1	76.7

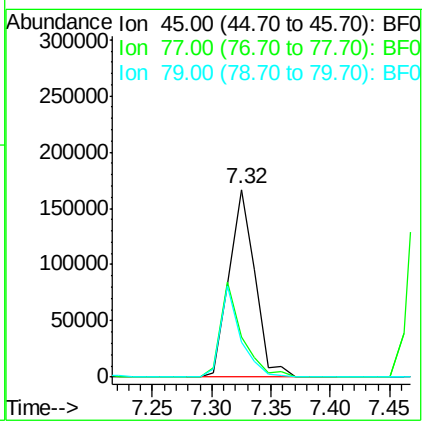


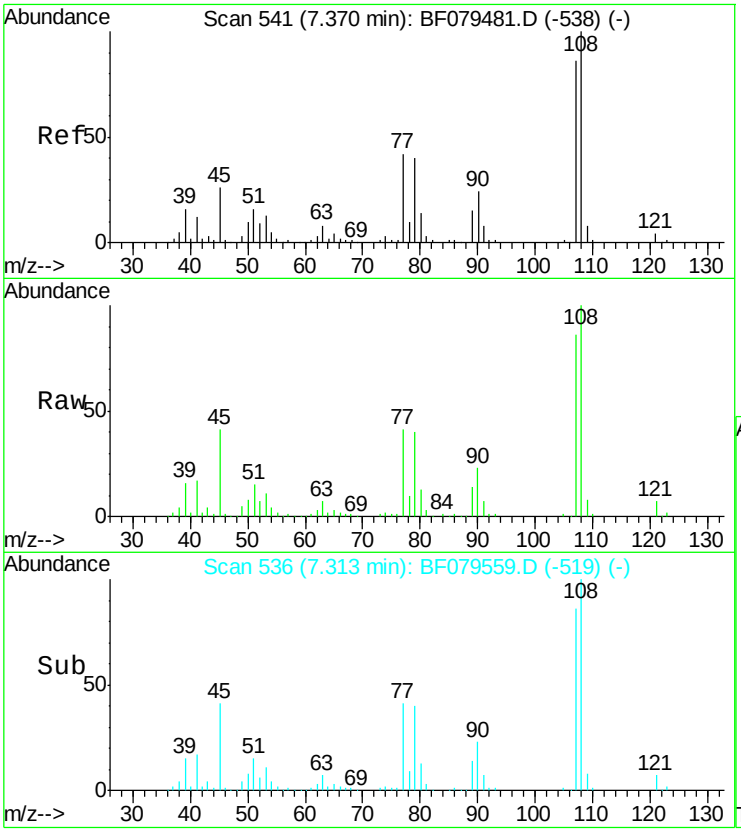


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.11 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion: 45 Resp: 252223

Ion	Ratio	Lower	Upper
45	100		
77	21.5	0.0	35.5
79	18.7	0.0	32.8



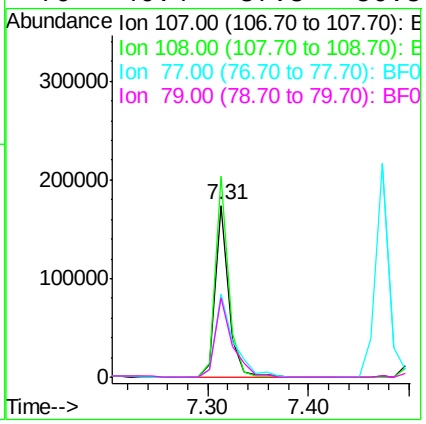


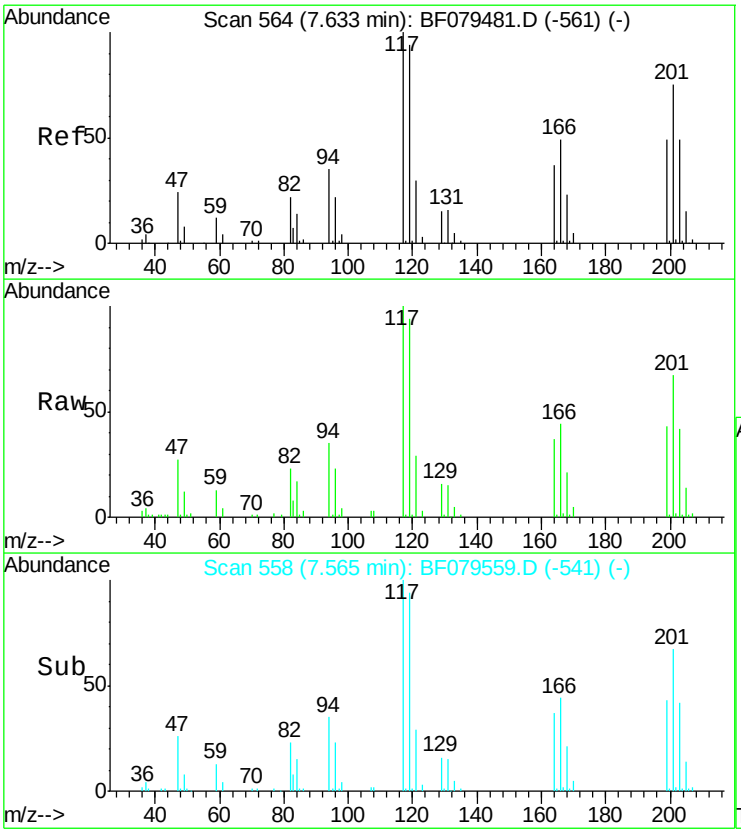
#17
2-Methylphenol
Concen: 43.70 ng
RT: 7.31 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 162197

Ion	Ratio	Lower	Upper
107	100		
108	116.9	93.1	139.7
77	48.5	39.2	58.8
79	46.4	37.8	56.8

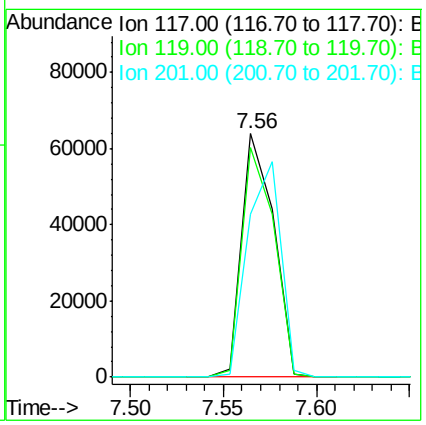


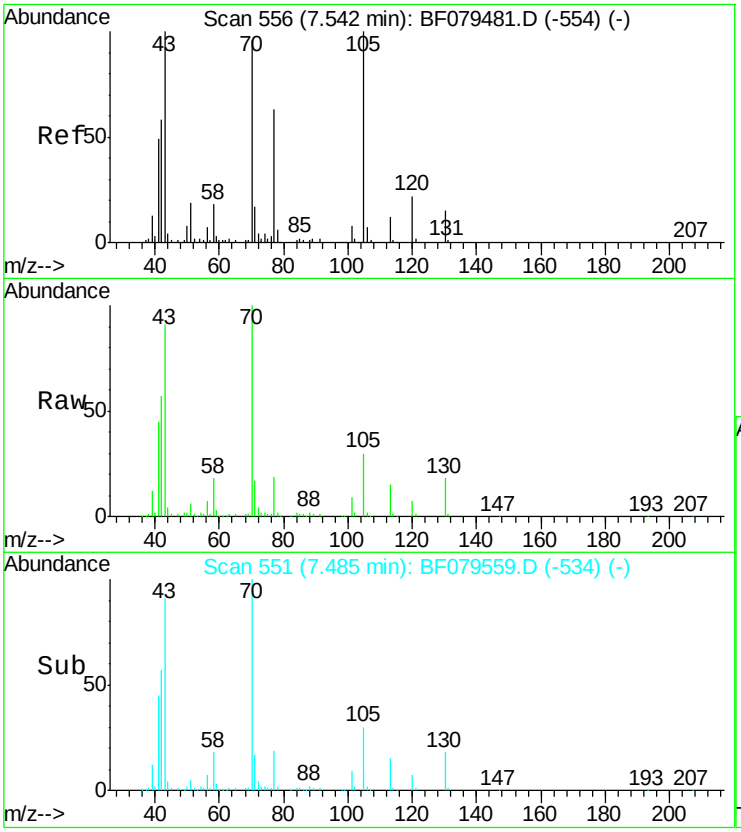


#18
Hexachloroethane
Concen: 41.54 ng
RT: 7.56 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:117 Resp: 76347

Ion	Ratio	Lower	Upper
117	100		
119	94.1	74.9	112.3
201	66.9	60.2	90.4



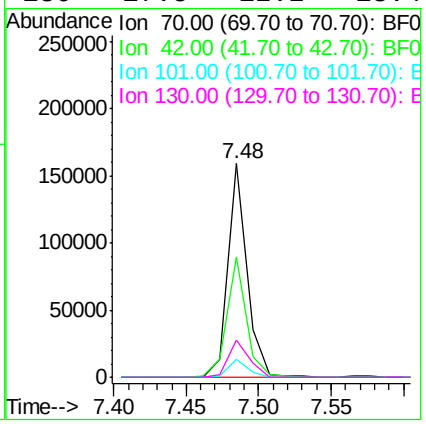


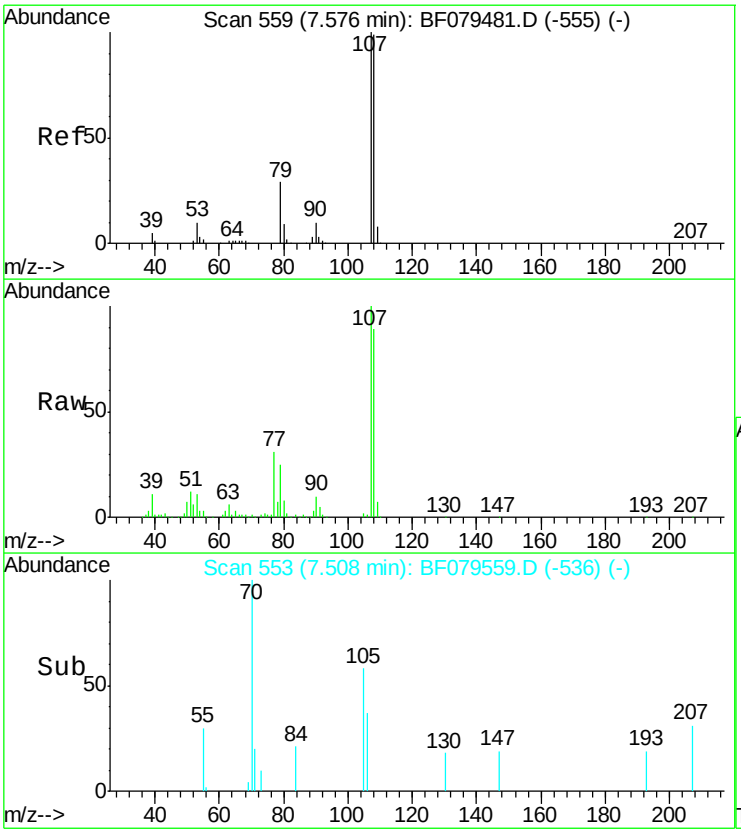
#19
n-Nitroso-di-n-propylamine
Concen: 39.75 ng
RT: 7.48 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 144684

Ion	Ratio	Lower	Upper
70	100		
42	56.6	48.8	73.2
101	8.6	6.6	9.8
130	17.5	12.2	18.4

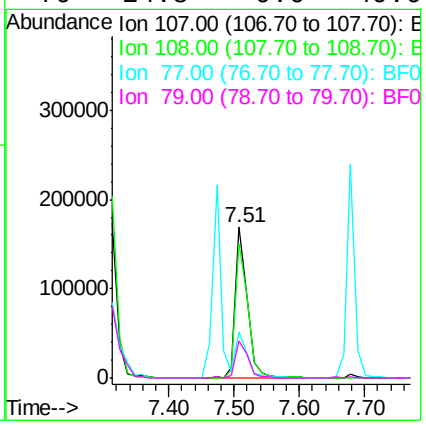


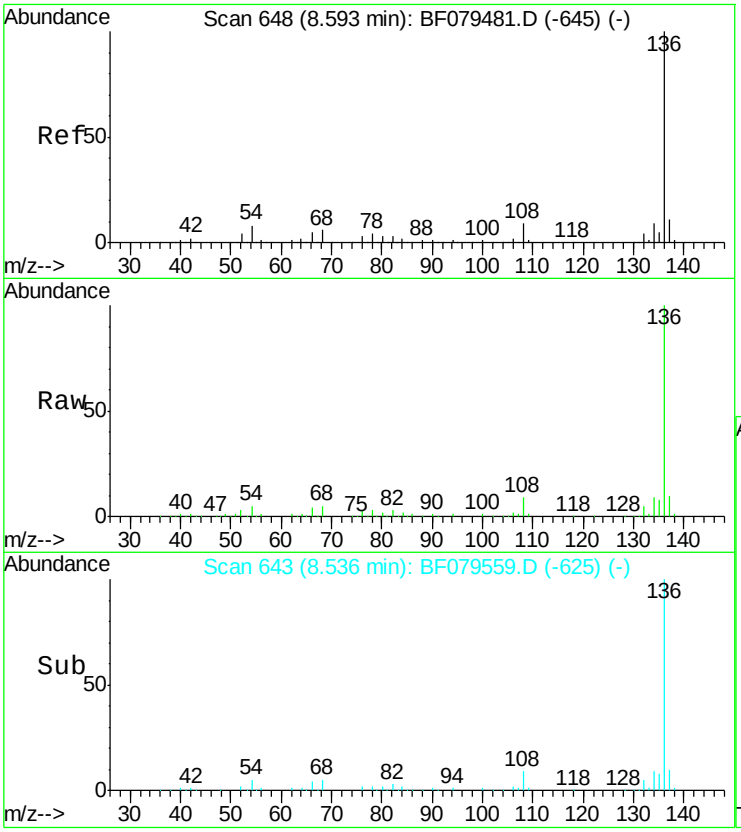


#20
3+4-Methylphenols
Concen: 41.83 ng
RT: 7.51 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:107 Resp: 213361

Ion	Ratio	Lower	Upper
107	100		
108	88.8	77.7	117.7
77	30.6	11.4	51.4
79	24.8	9.6	49.6



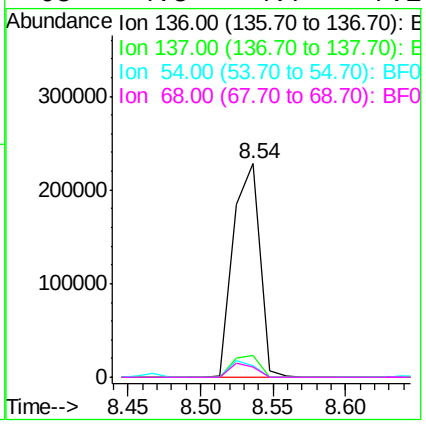


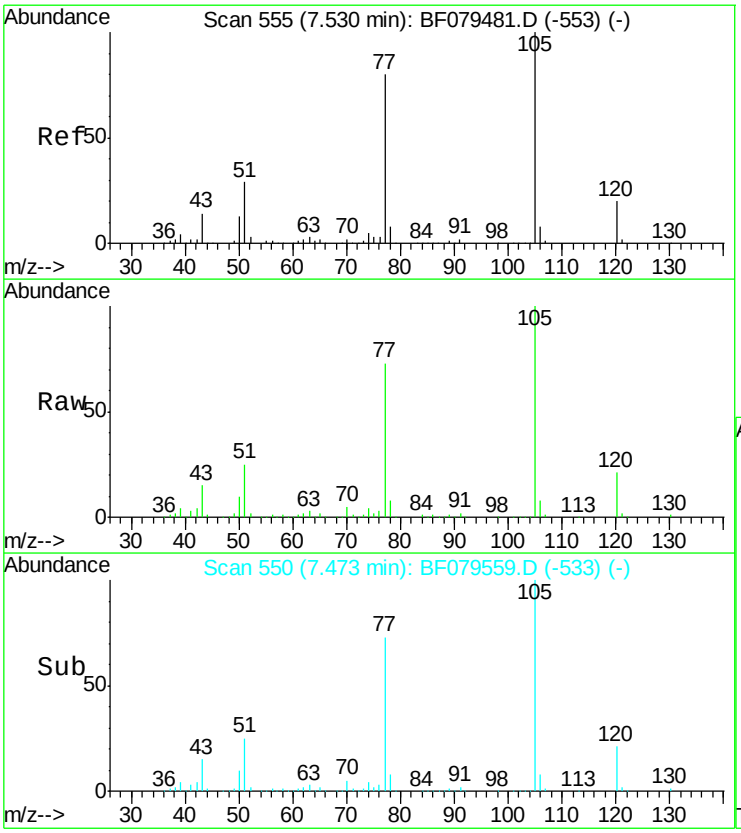
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.54 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 289258

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	5.5	6.6	9.8#
68	4.8	4.7	7.1

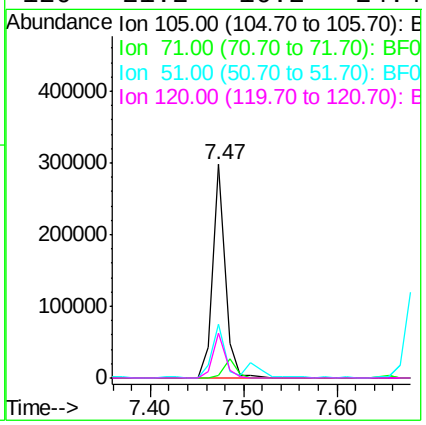


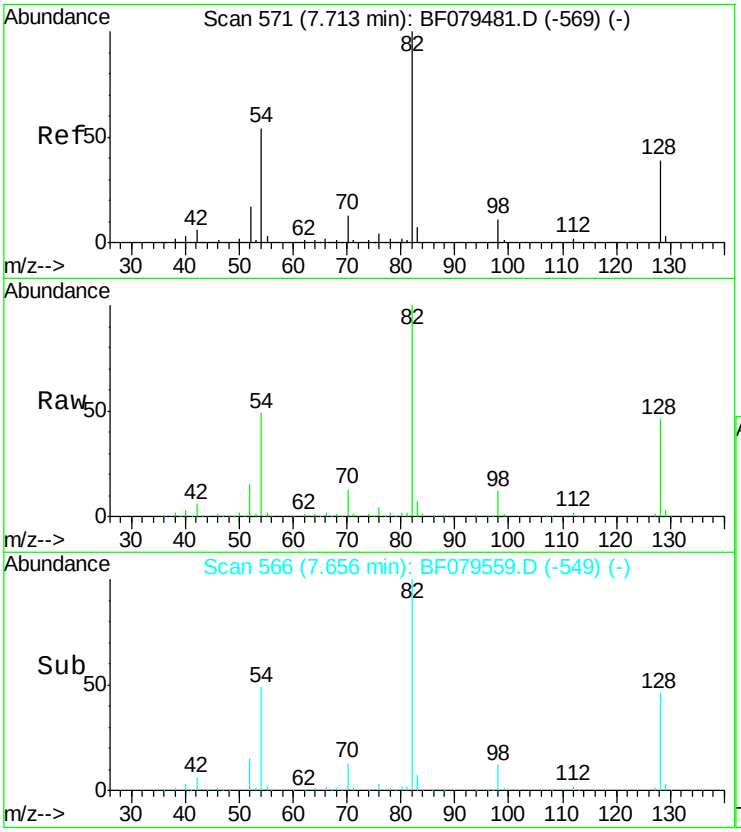


#22
Acetophenone
Concen: 42.37 ng
RT: 7.47 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:105 Resp: 274608

Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.2	0.4#
51	25.0	23.7	35.5
120	21.2	16.2	24.4



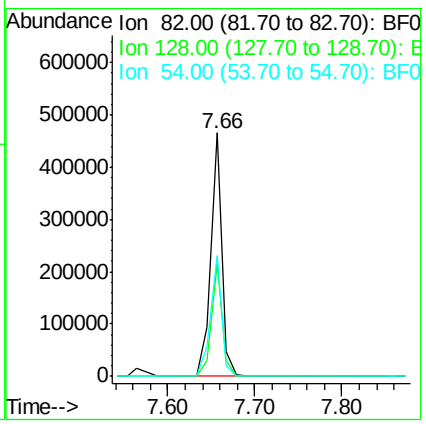


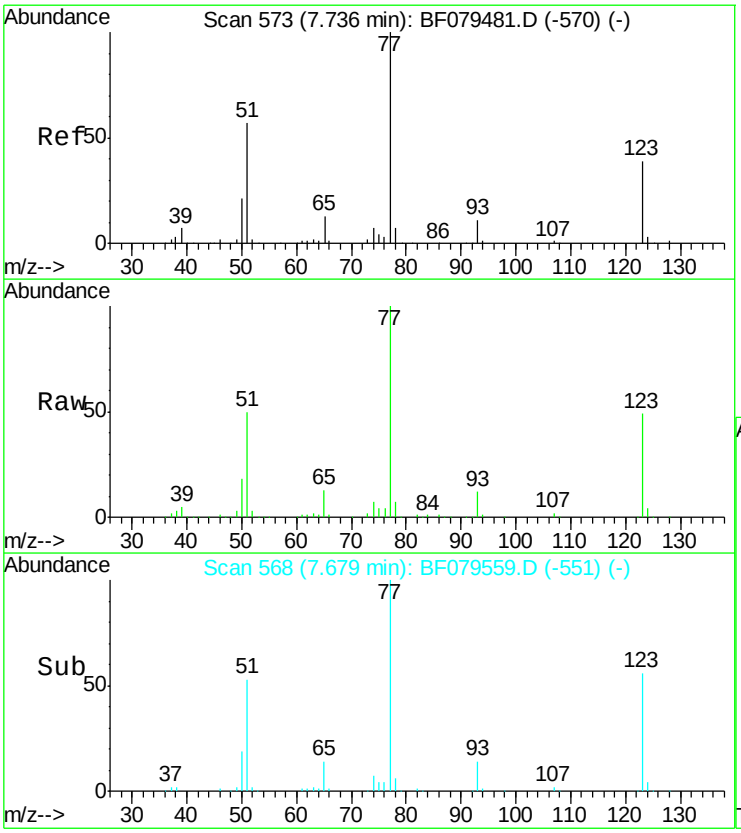
#23
Nitrobenzene-d5
Concen: 84.42 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 422429

Ion	Ratio	Lower	Upper
82	100		
128	46.3	30.8	46.2#
54	49.4	42.8	64.2

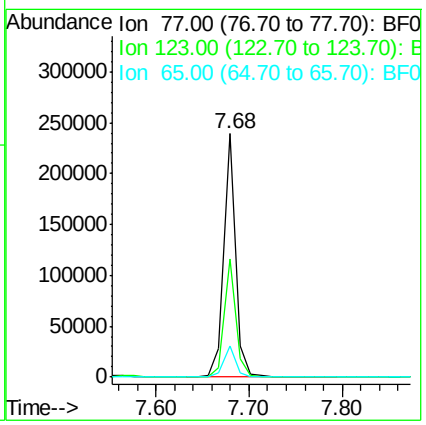


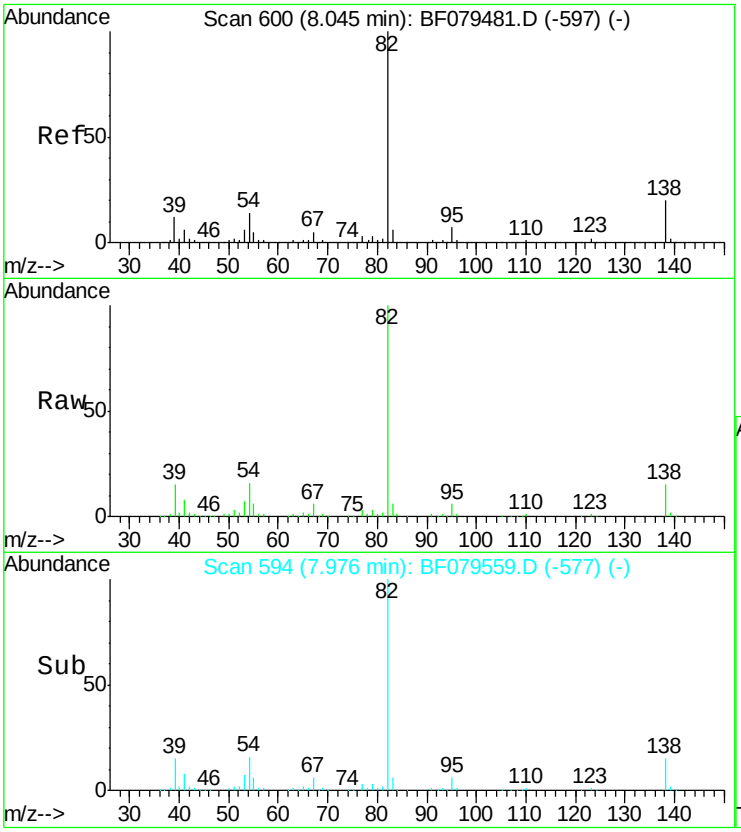


#24
Nitrobenzene
Concen: 42.72 ng
RT: 7.68 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion: 77 Resp: 210698

Ion	Ratio	Lower	Upper
77	100		
123	48.8	31.0	46.4#
65	12.9	10.6	15.8



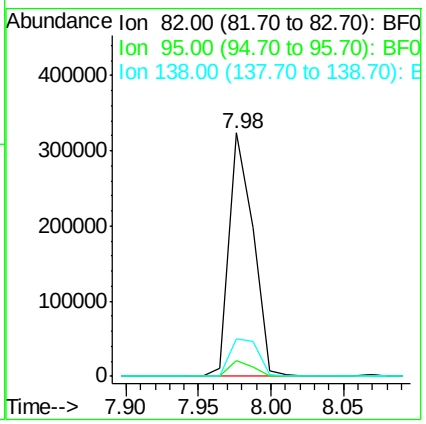


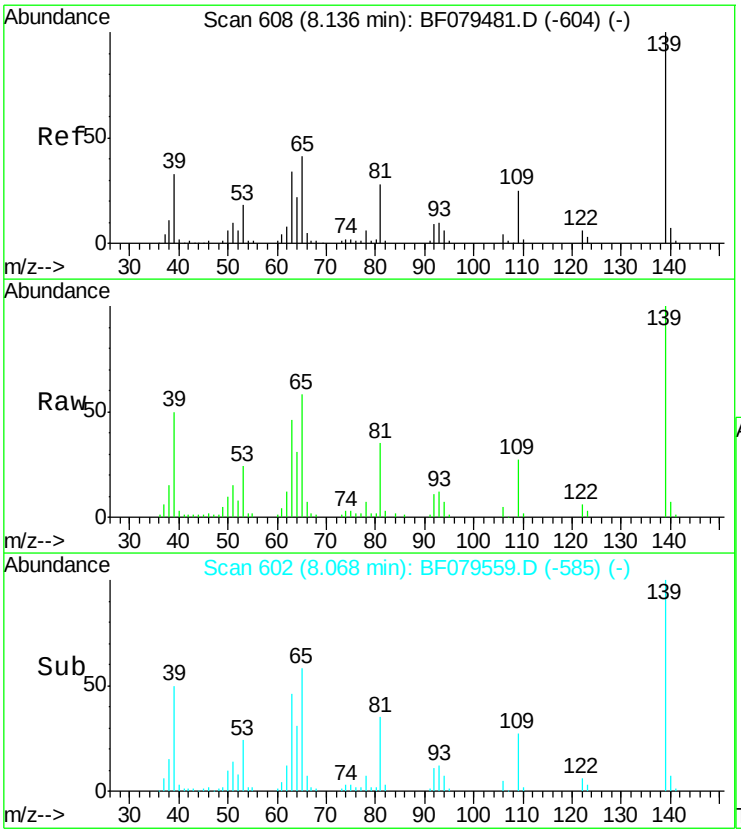
#25
Isophorone
Concen: 40.90 ng
RT: 7.98 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 373051

Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.5	8.3
138	15.4	16.1	24.1#

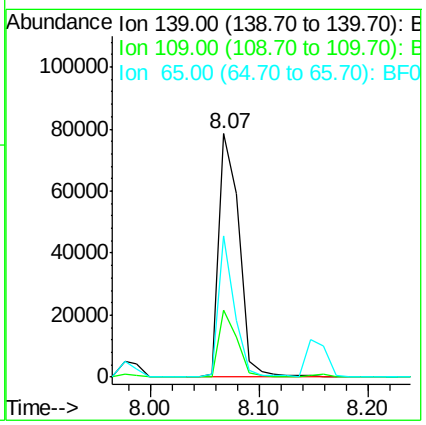


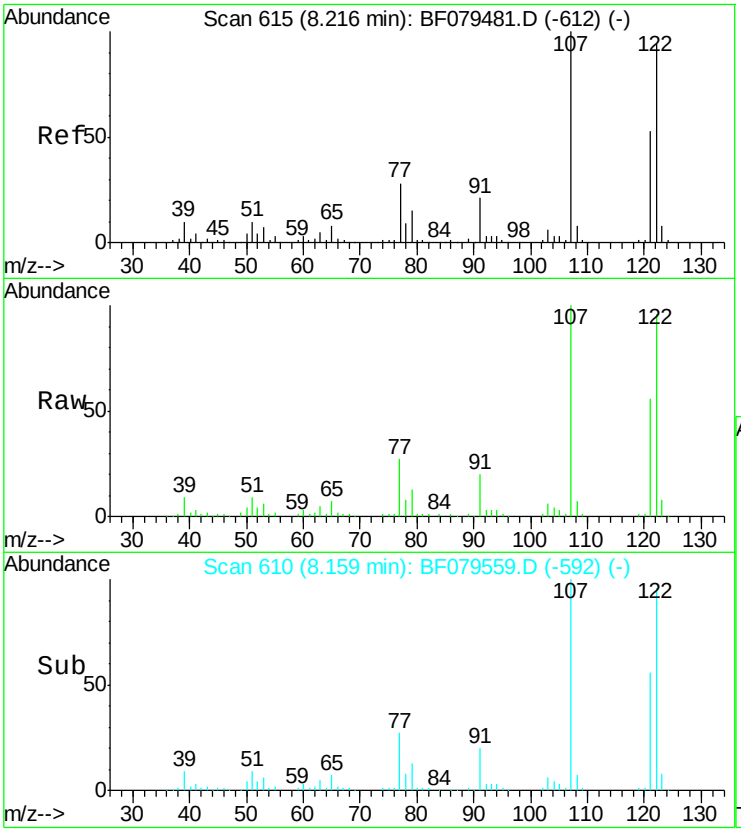


#26
2-Nitrophenol
Concen: 43.49 ng
RT: 8.07 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:139 Resp: 101555

Ion	Ratio	Lower	Upper
139	100		
109	27.4	20.2	30.2
65	58.0	32.5	48.7#



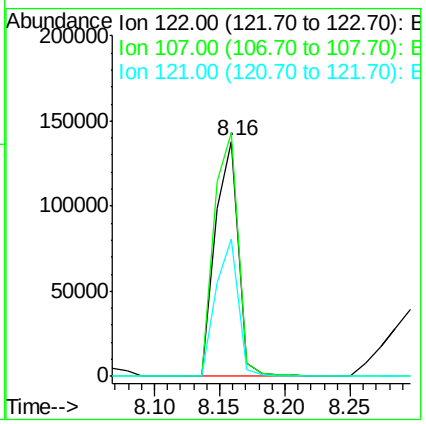


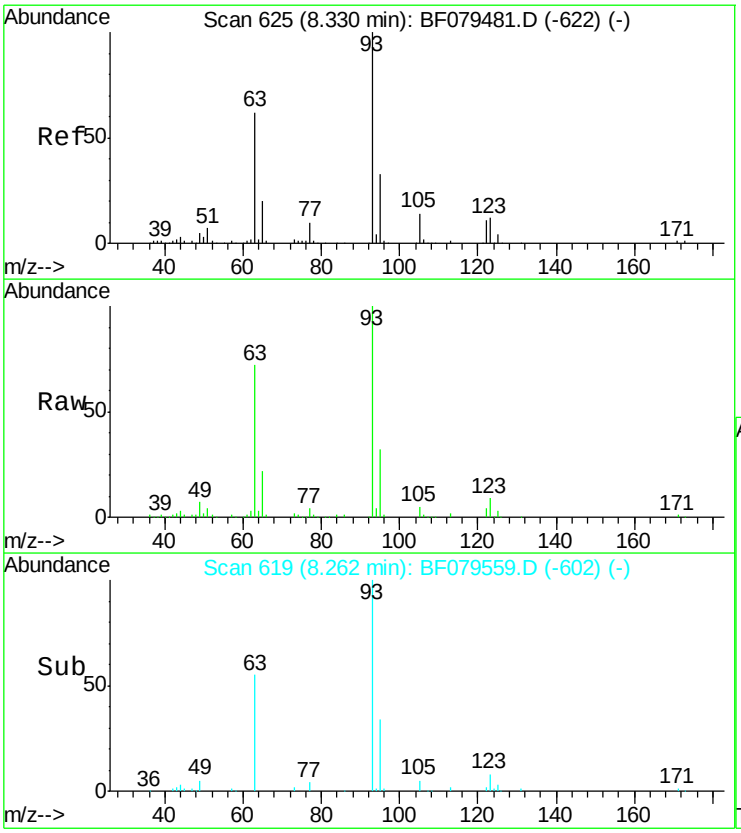
#27
2,4-Dimethylphenol
Concen: 40.63 ng
RT: 8.16 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 170523

Ion	Ratio	Lower	Upper
122	100		
107	103.8	85.2	127.8
121	58.6	45.2	67.8

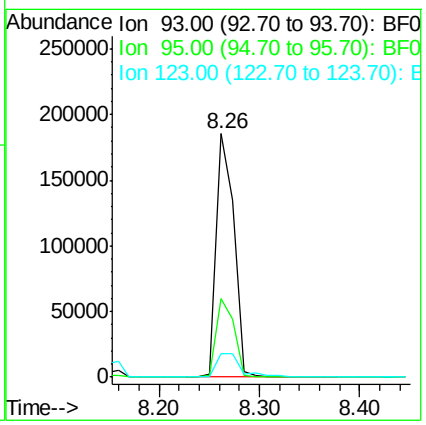


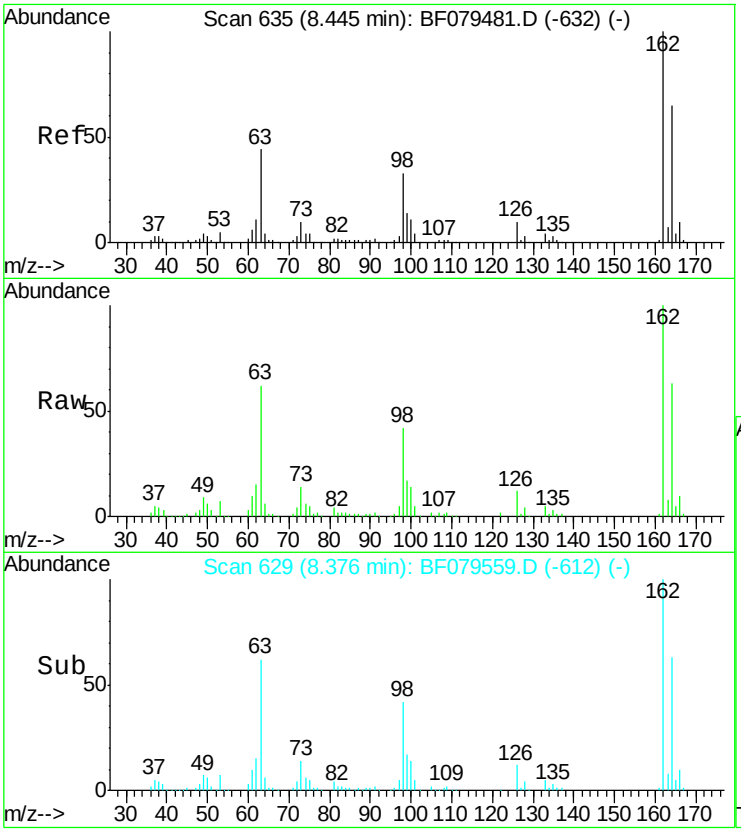


#28
bis(2-Chloroethoxy)methane
Concen: 40.13 ng
RT: 8.26 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion: 93 Resp: 226876

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.6	39.8
123	9.5	9.4	14.0



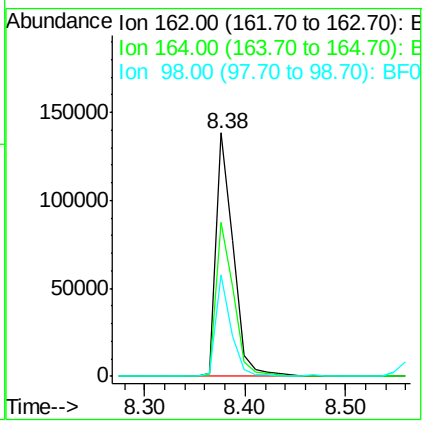


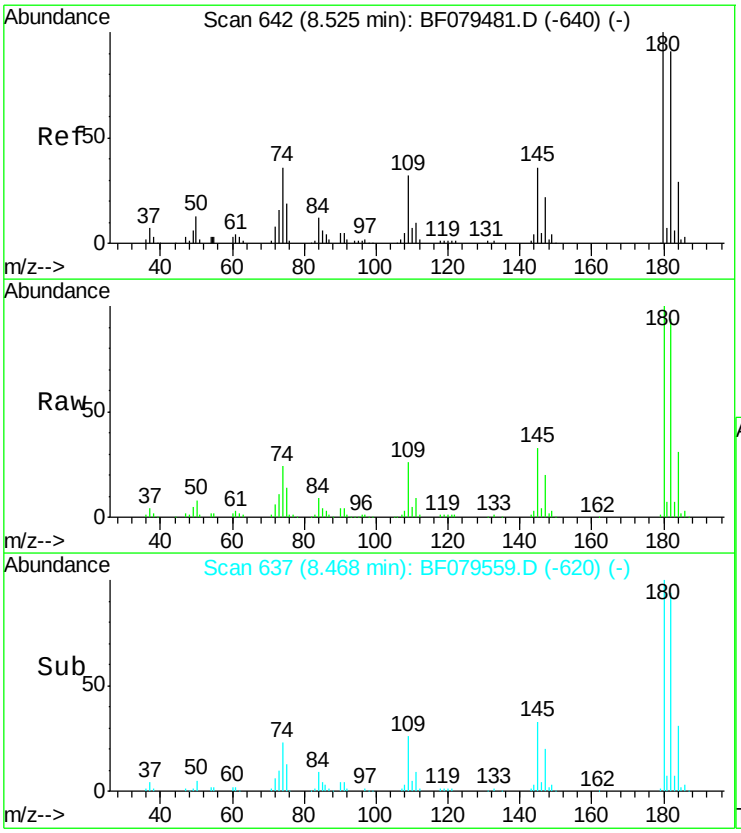
#29
2,4-Dichlorophenol
Concen: 42.56 ng
RT: 8.38 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 163642

Ion	Ratio	Lower	Upper
162	100		
164	63.3	45.0	85.0
98	41.7	13.2	53.2

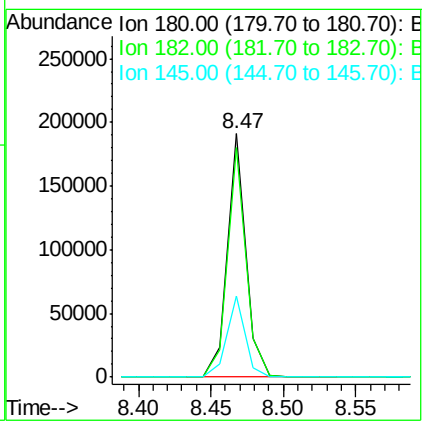


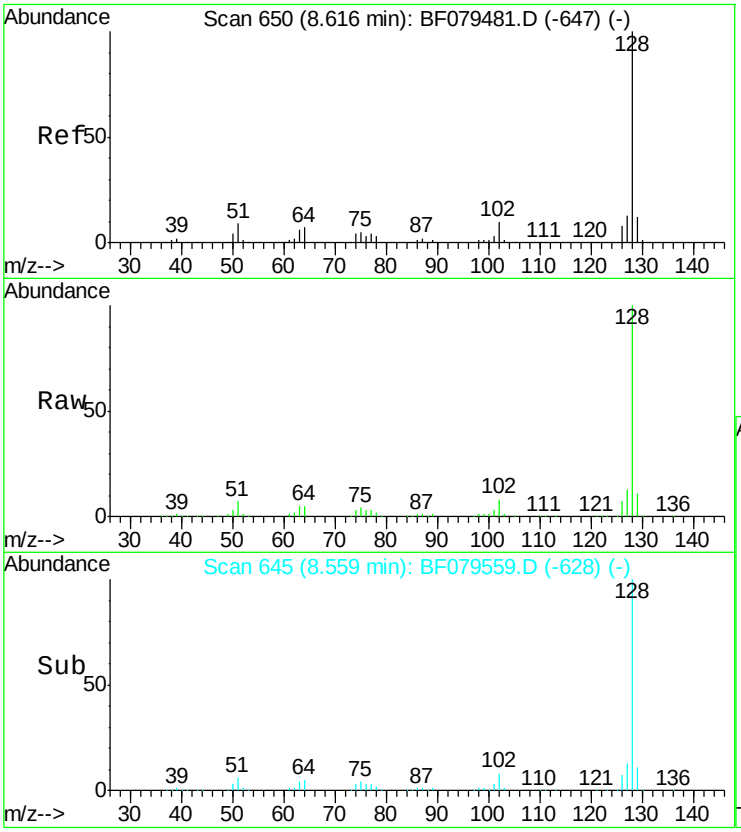


#30
1,2,4-Trichlorobenzene
Concen: 42.52 ng
RT: 8.47 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:180 Resp: 169579

Ion	Ratio	Lower	Upper
180	100		
182	94.3	73.2	109.8
145	33.0	28.9	43.3



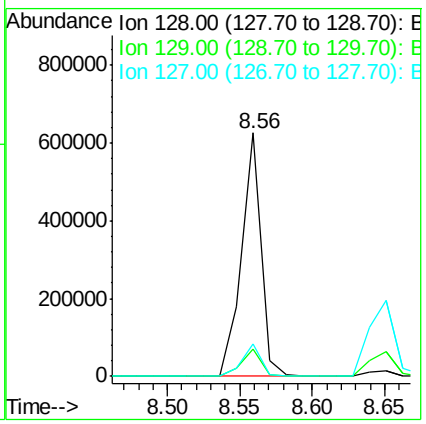


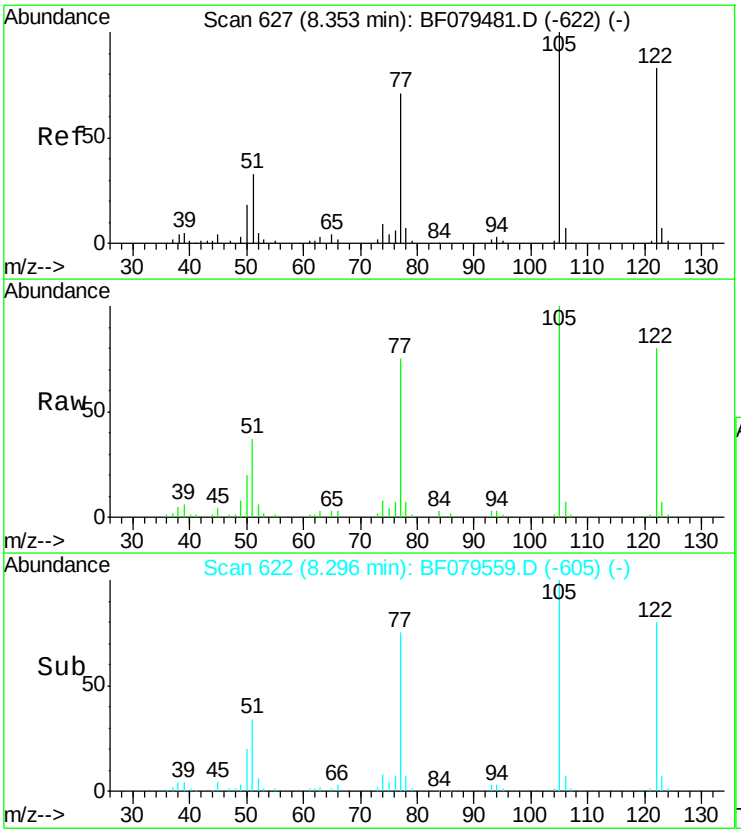
#31
Naphthalene
Concen: 42.10 ng
RT: 8.56 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 584386

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.3	13.9
127	13.4	10.6	15.8

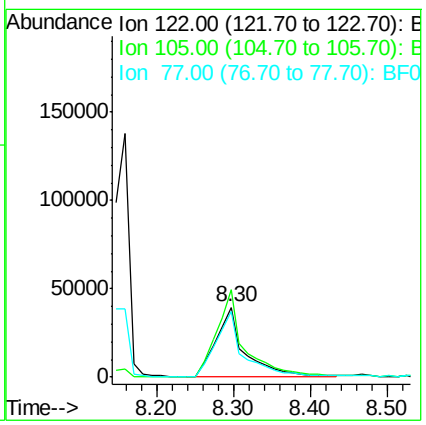


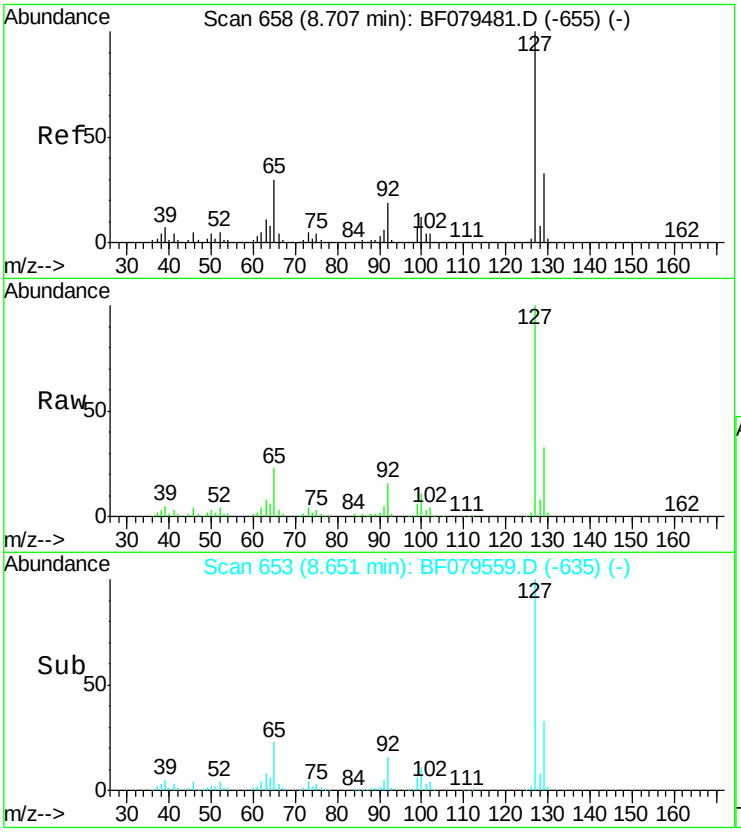


#32
Benzoic acid
Concen: 40.28 ng
RT: 8.30 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:122 Resp: 104925

Ion	Ratio	Lower	Upper
122	100		
105	124.4	100.2	140.2
77	93.8	64.8	104.8



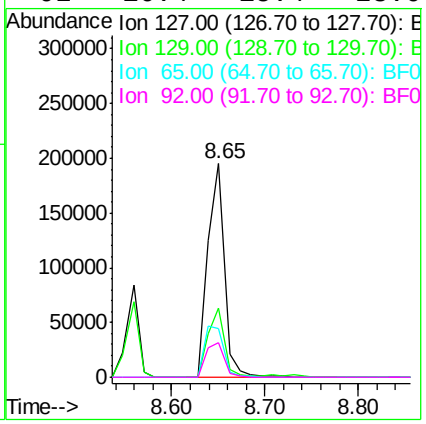


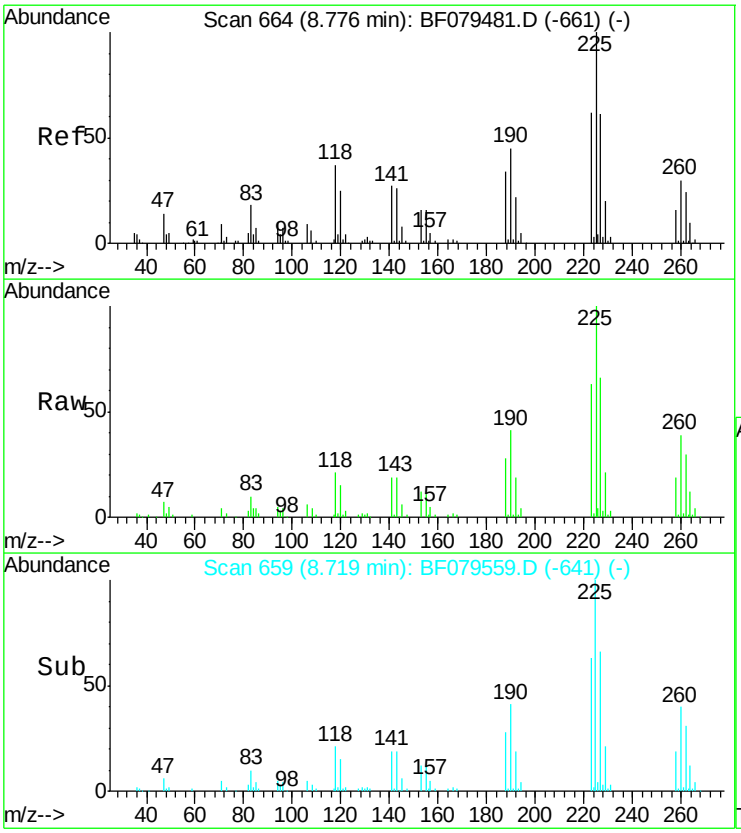
#33
4-Chloroaniline
Concen: 41.88 ng
RT: 8.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 242918

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	23.1	24.2	36.4#
92	16.4	15.4	23.0

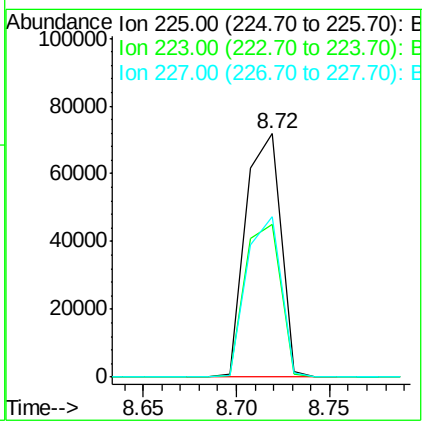


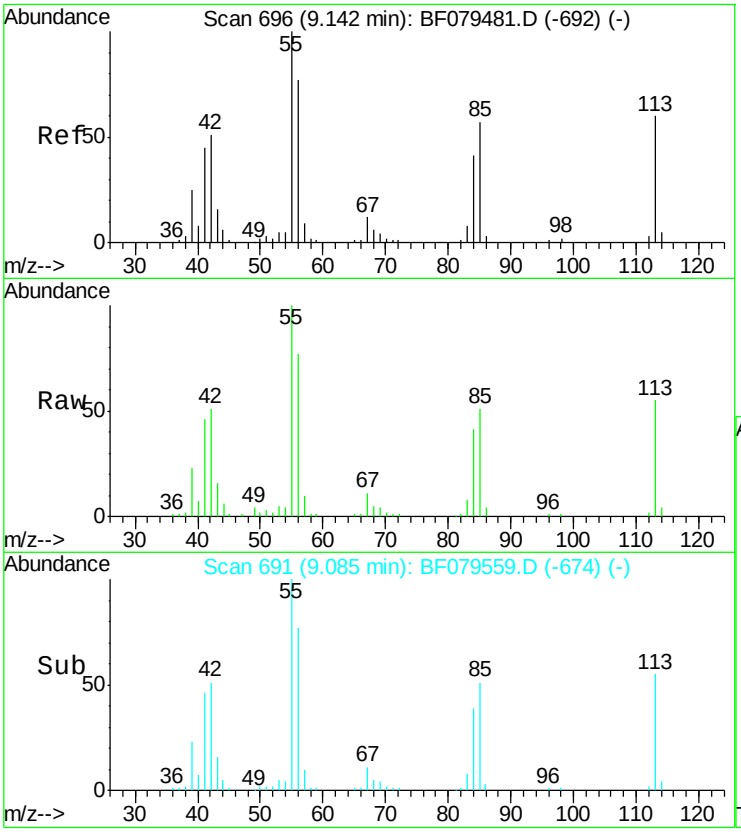


#34
Hexachlorobutadiene
Concen: 41.12 ng
RT: 8.72 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:225 Resp: 93296

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.9	74.9
227	66.0	48.9	73.3



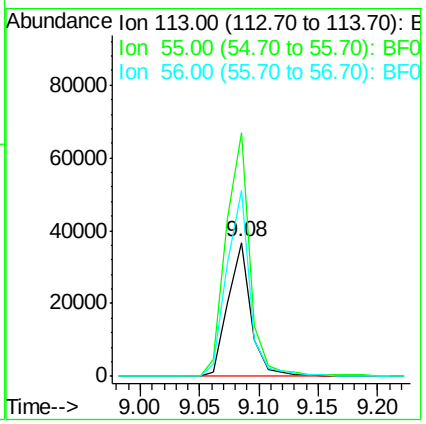


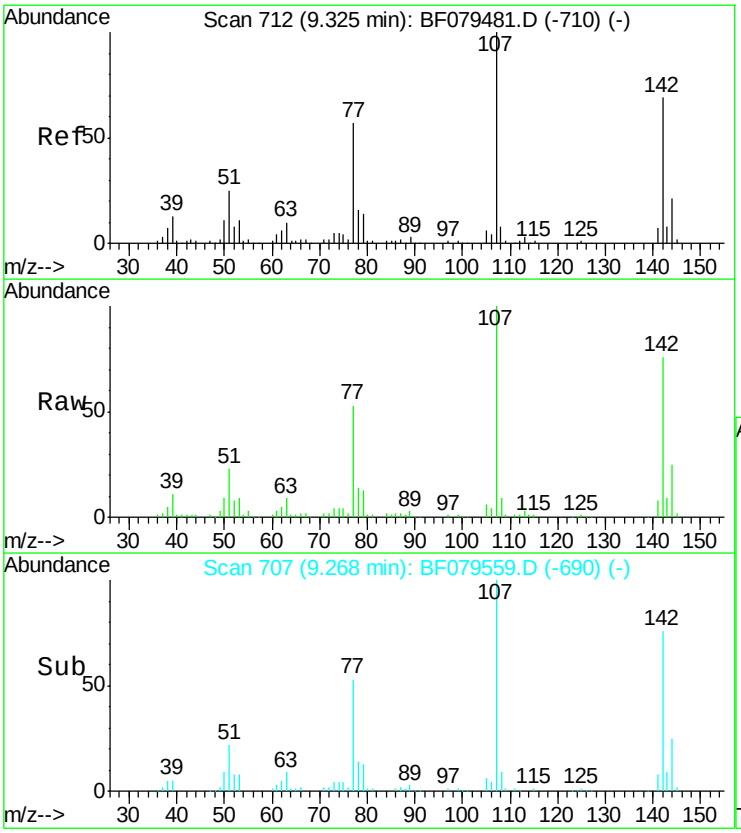
#35
Caprolactam
Concen: 40.81 ng
RT: 9.08 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 49479

Ion	Ratio	Lower	Upper
113	100		
55	181.8	147.2	187.2
56	139.1	108.6	148.6

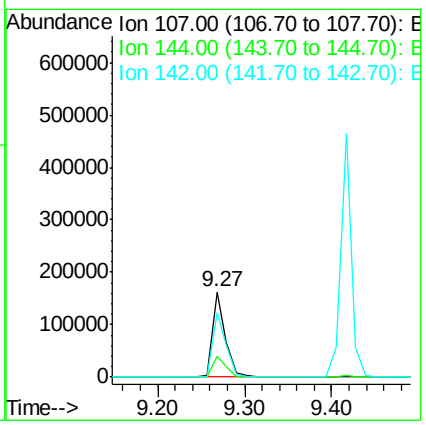


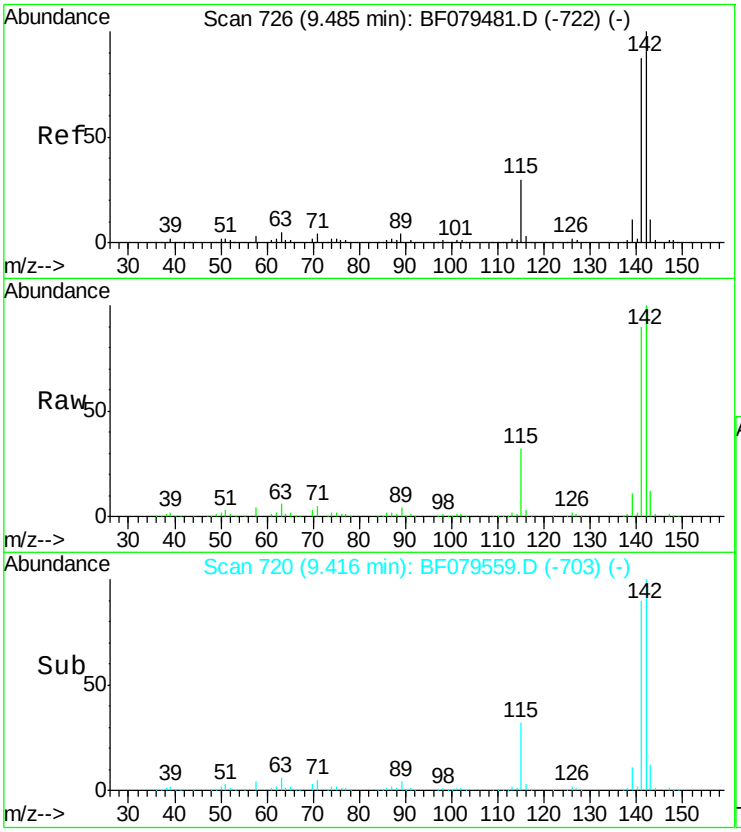


#36
4-Chloro-3-methylphenol
Concen: 42.11 ng
RT: 9.27 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:107 Resp: 167948

Ion	Ratio	Lower	Upper
107	100		
144	25.0	16.9	25.3
142	76.4	55.2	82.8



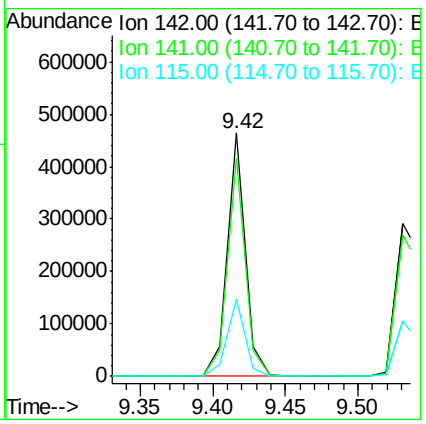


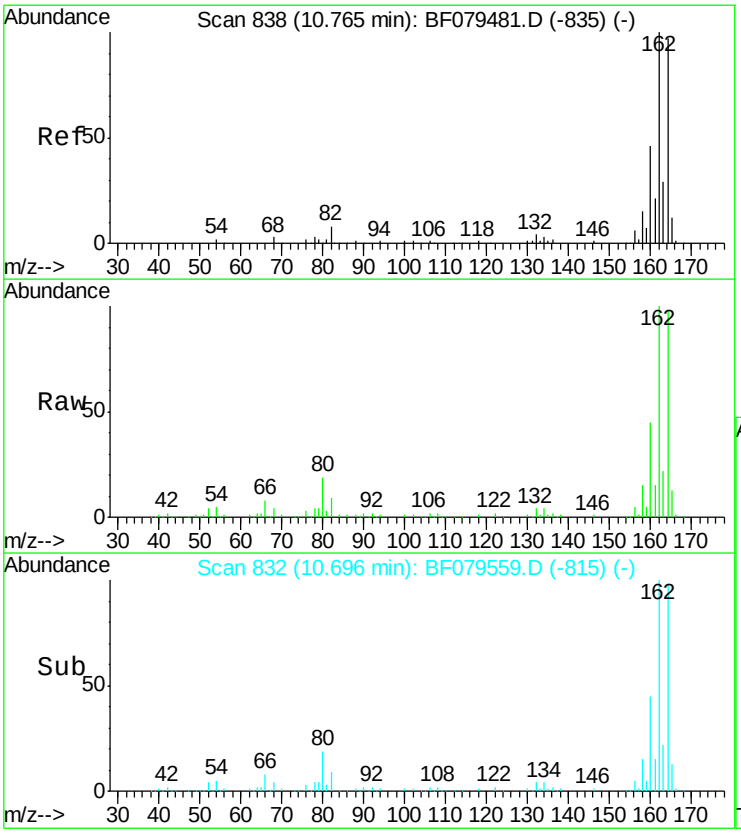
#37
2-Methylnaphthalene
Concen: 41.58 ng
RT: 9.42 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 400693

Ion	Ratio	Lower	Upper
142	100		
141	89.7	69.5	104.3
115	31.8	23.8	35.6

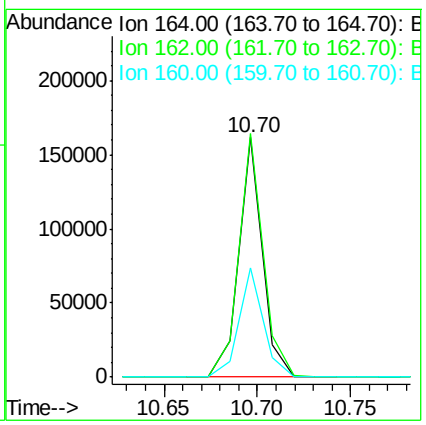


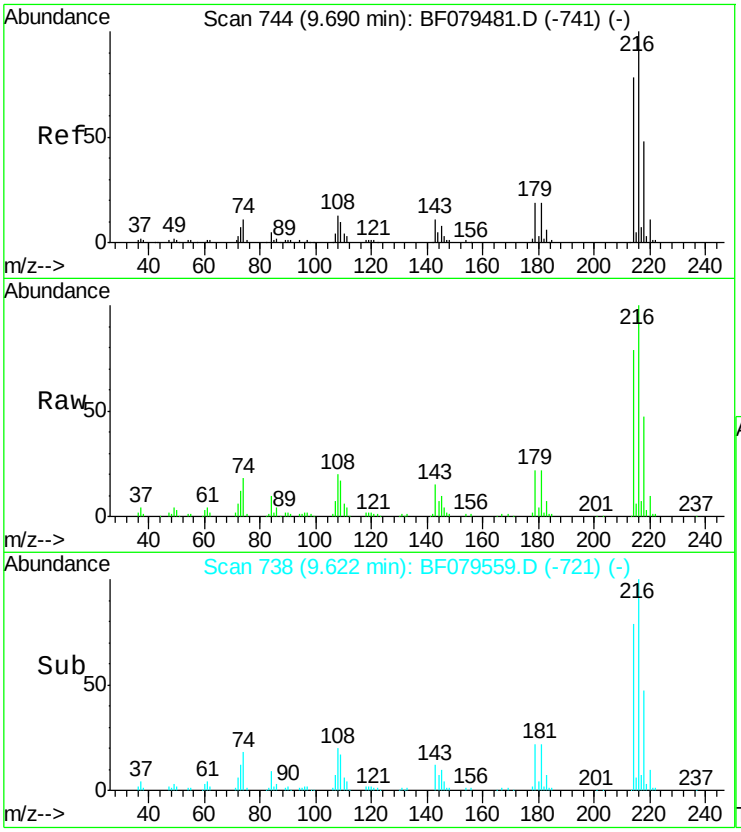


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.70 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:164 Resp: 142696

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	124.0
160	45.6	37.7	56.5



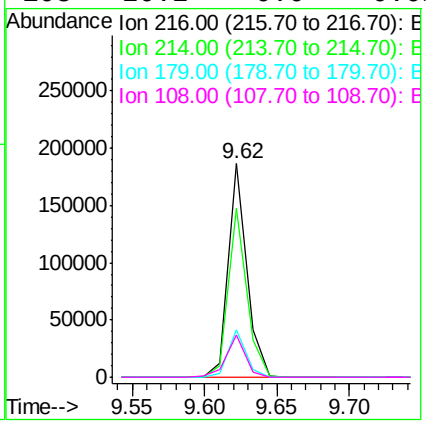


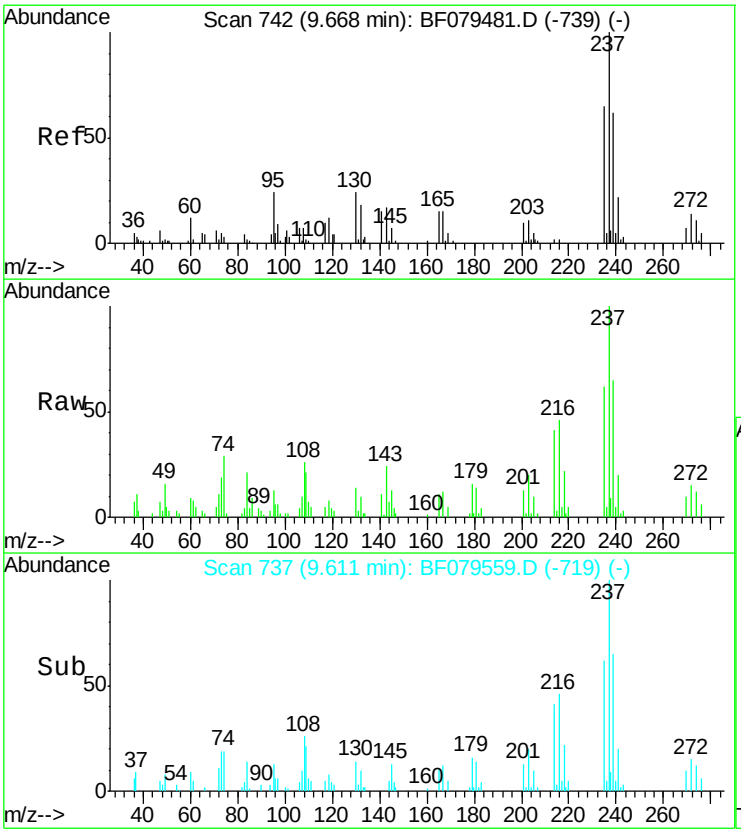
#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.55 ng
RT: 9.62 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:216 Resp: 165836

Ion	Ratio	Lower	Upper
216	100		
214	79.1	0.0	0.0#
179	21.6	0.0	0.0#
108	20.2	0.0	0.0#

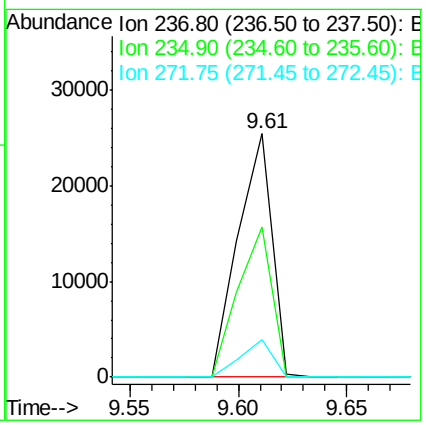


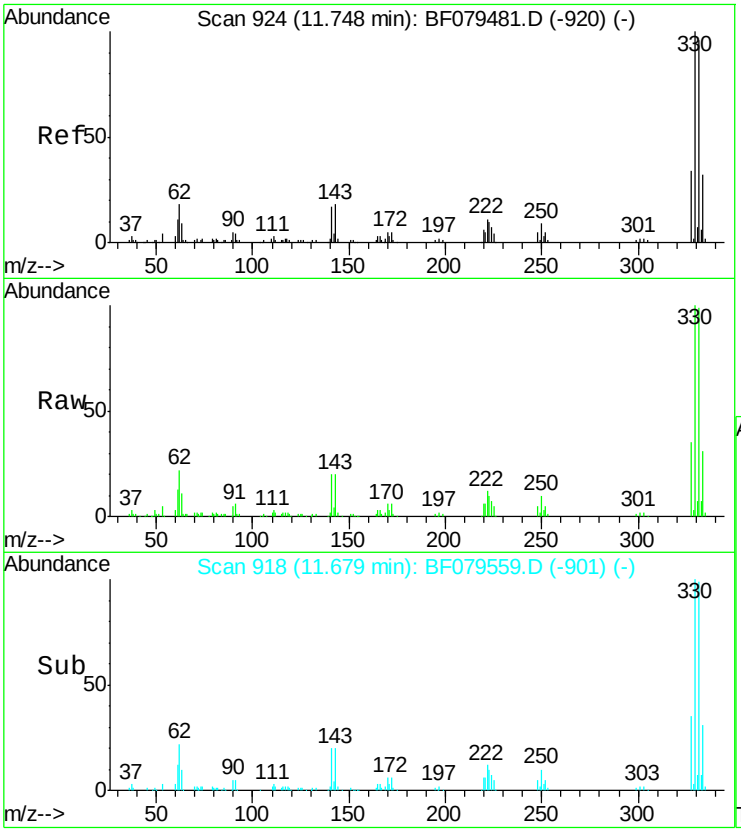


#40
Hexachlorocyclopentadiene
Concen: 34.60 ng
RT: 9.61 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:237 Resp: 27448

Ion	Ratio	Lower	Upper
237	100		
235	61.6	45.0	85.0
272	15.5	0.0	33.9



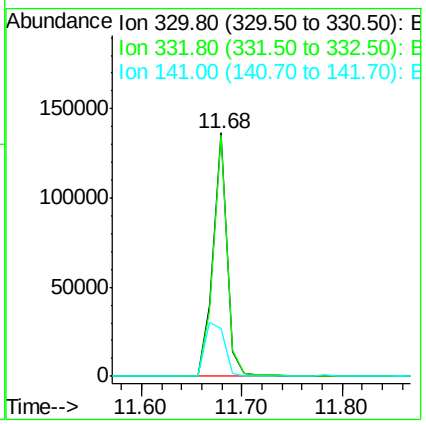


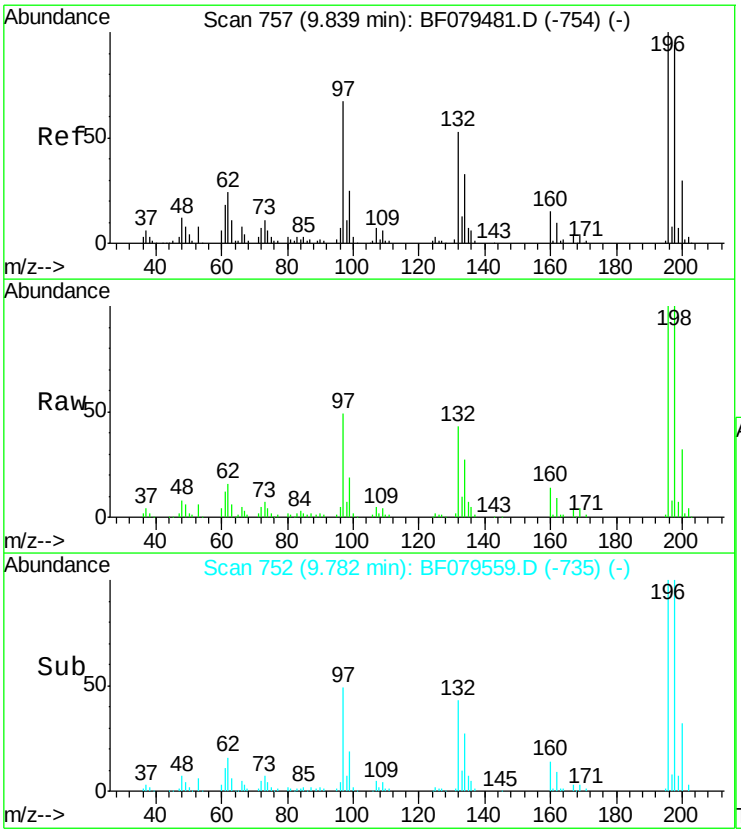
#41
2,4,6-Tribromophenol
Concen: 85.46 ng
RT: 11.68 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:330 Resp: 133944

Ion	Ratio	Lower	Upper
330	100		
332	97.8	0.0	0.0#
141	30.7	0.0	0.0#

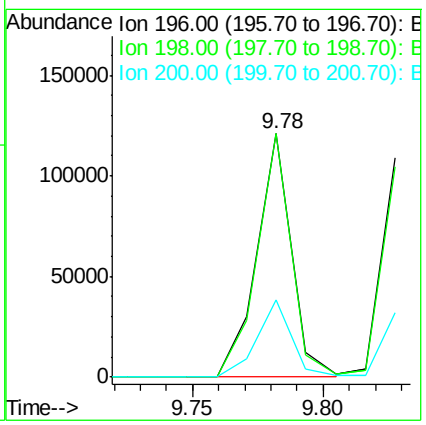


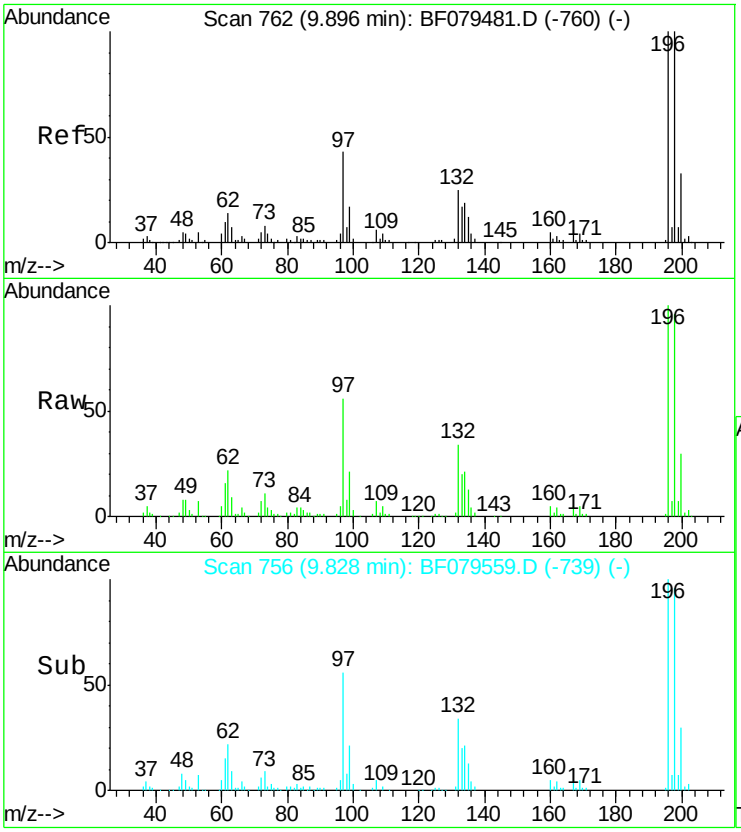


#42
2,4,6-Trichlorophenol
Concen: 40.60 ng
RT: 9.78 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:196 Resp: 113158

Ion	Ratio	Lower	Upper
196	100		
198	100.2	75.3	112.9
200	31.7	23.8	35.8



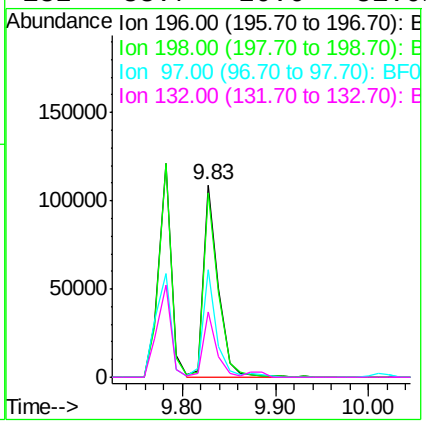


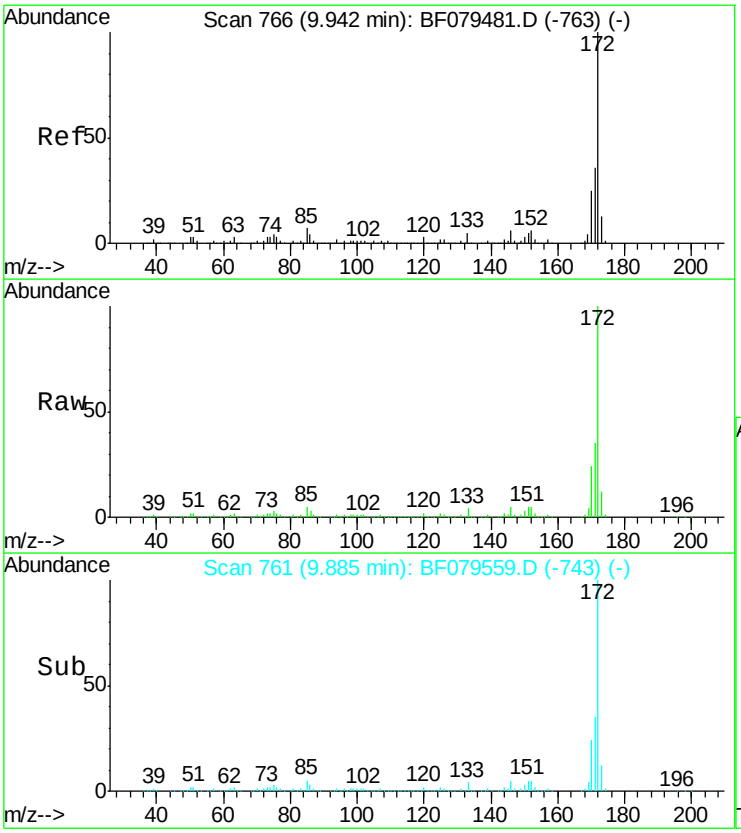
#43
2,4,5-Trichlorophenol
Concen: 43.89 ng
RT: 9.83 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 121748

Ion	Ratio	Lower	Upper
196	100		
198	96.2	80.3	120.5
97	56.2	34.8	52.2#
132	33.7	20.6	31.0#

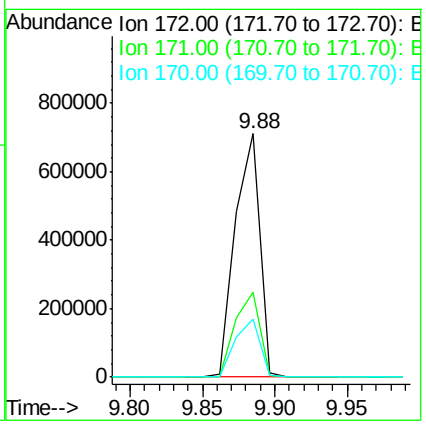


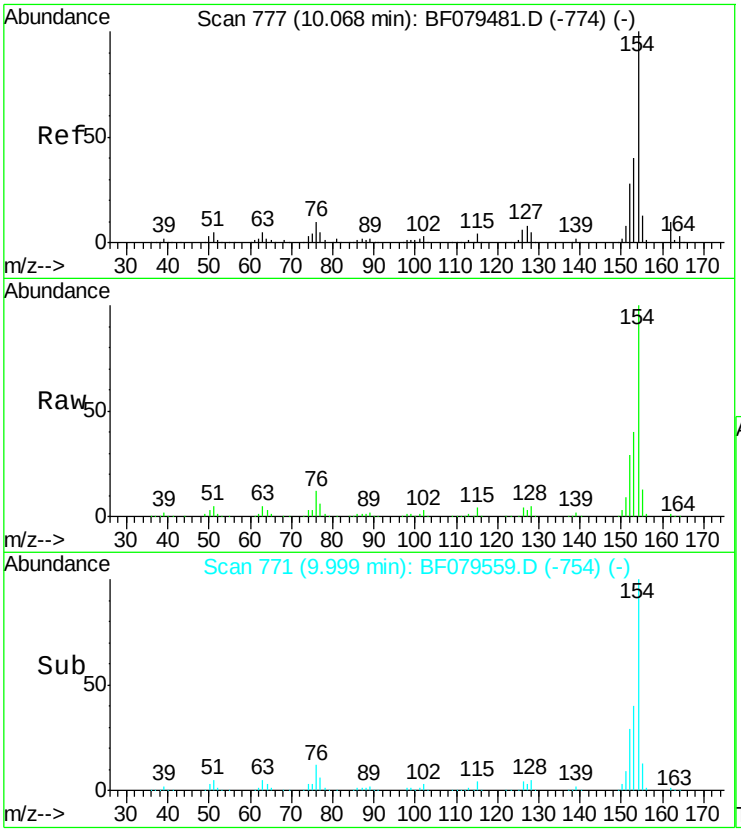


#44
2-Fluorobiphenyl
Concen: 83.34 ng
RT: 9.88 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:172 Resp: 833577

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	24.0	19.7	29.5



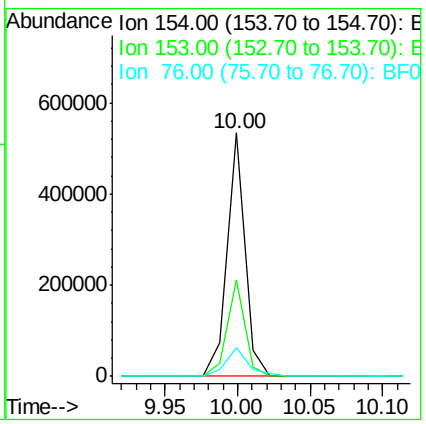


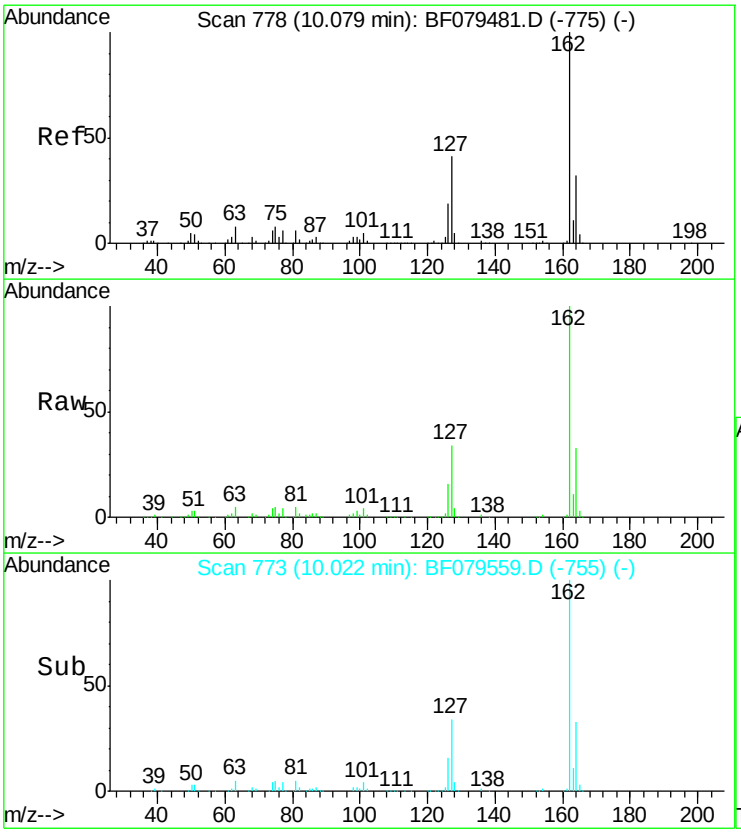
#45
1,1'-Biphenyl
Concen: 40.97 ng
RT: 10.00 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 456568

Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.5	59.5
76	11.8	0.0	29.6

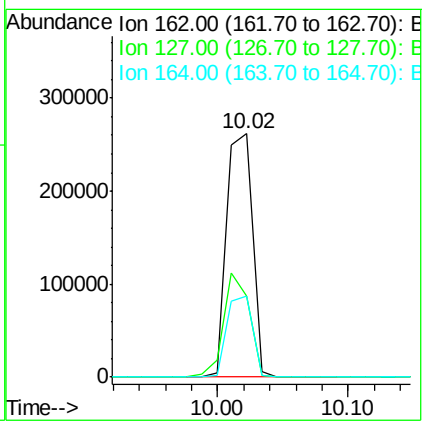


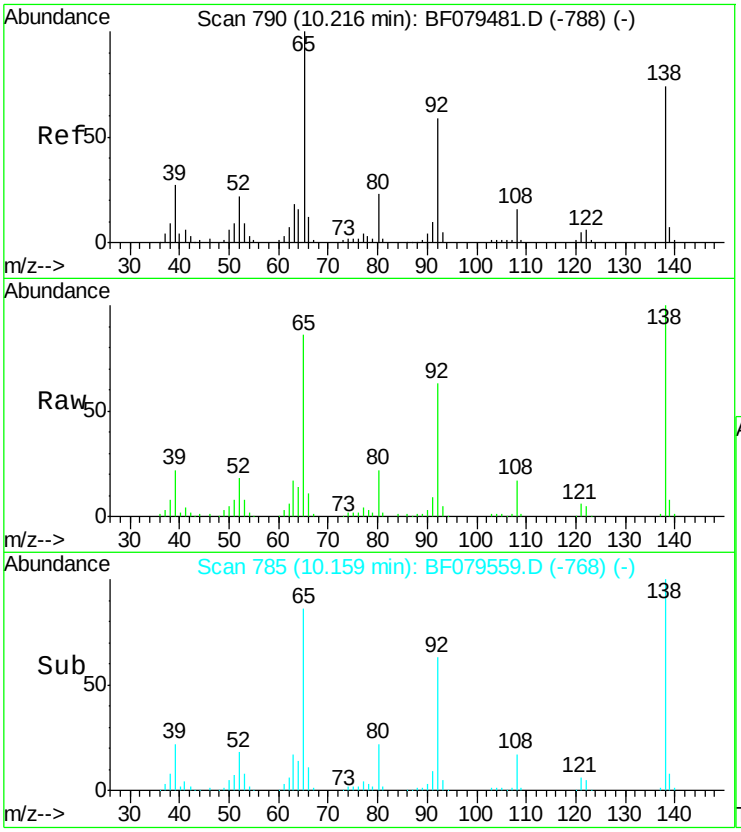


#46
2-Chloronaphthalene
Concen: 40.81 ng
RT: 10.02 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:162 Resp: 359241

Ion	Ratio	Lower	Upper
162	100		
127	33.5	32.7	49.1
164	33.2	25.8	38.6



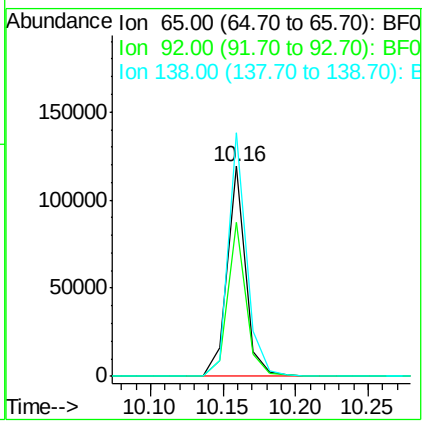


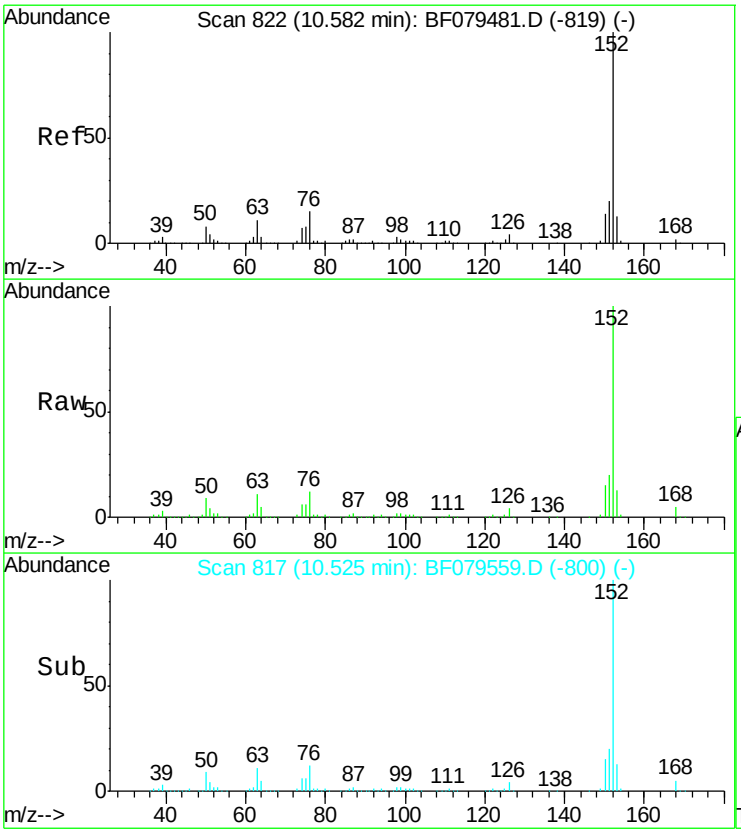
#47
2-Nitroaniline
Concen: 40.14 ng
RT: 10.16 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 65 Resp: 105056

Ion	Ratio	Lower	Upper
65	100		
92	73.3	47.2	70.8#
138	115.9	59.2	88.8#

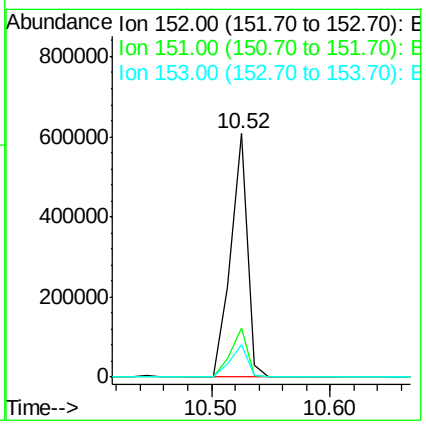


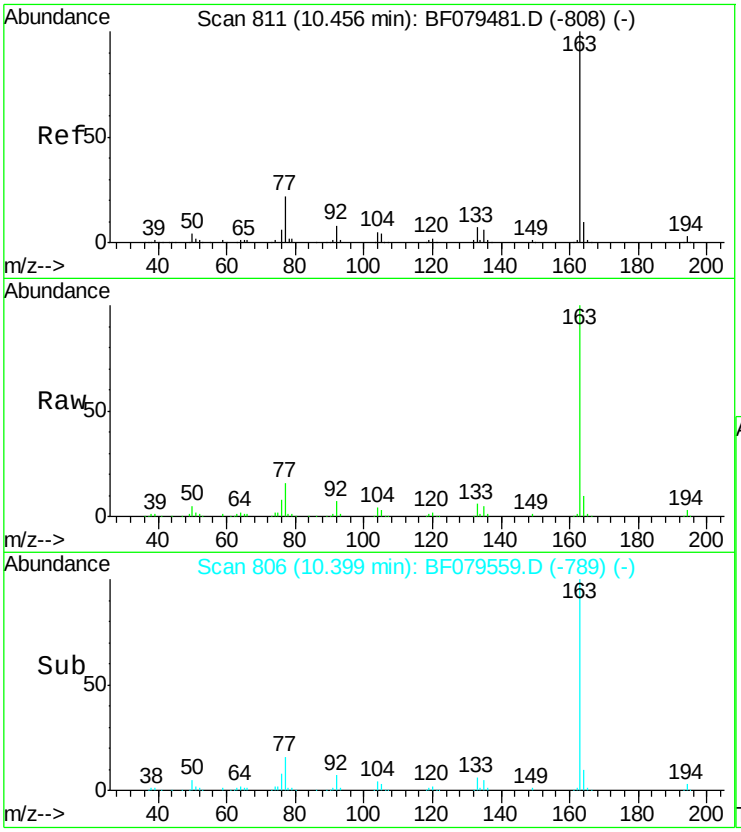


#48
Acenaphthylene
Concen: 40.77 ng
RT: 10.52 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:152 Resp: 595758

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.2	10.7	16.1



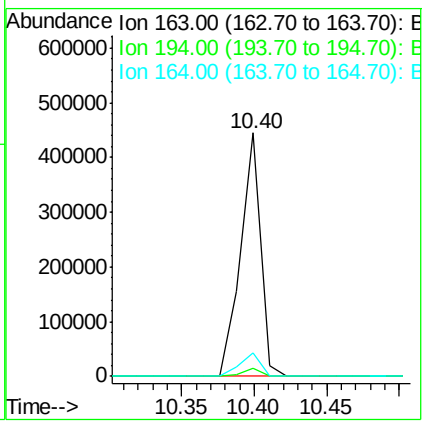


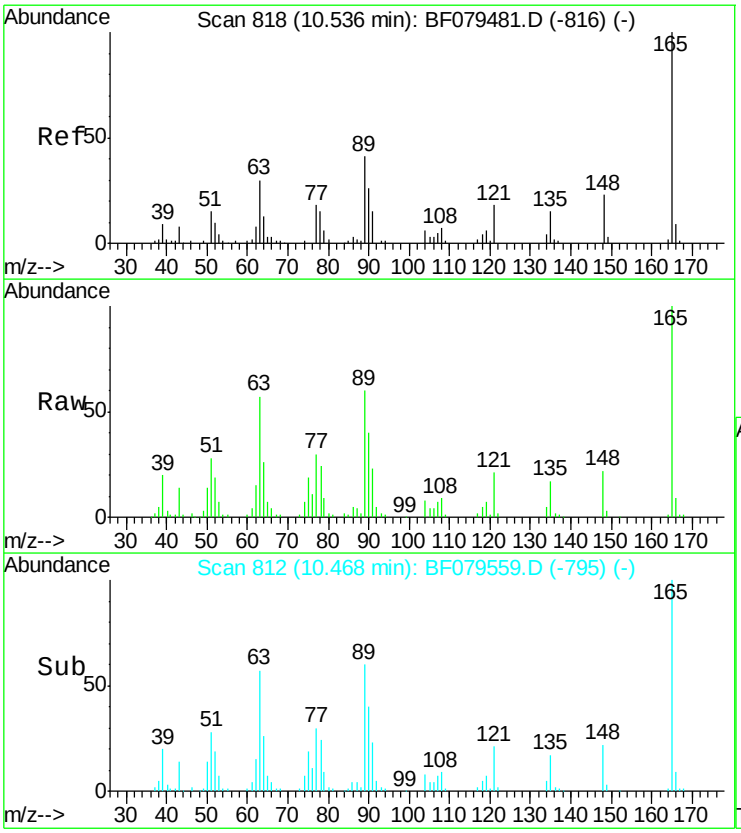
#49
Dimethylphthalate
Concen: 40.59 ng
RT: 10.40 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 426820

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.4	3.6
164	9.7	8.2	12.4

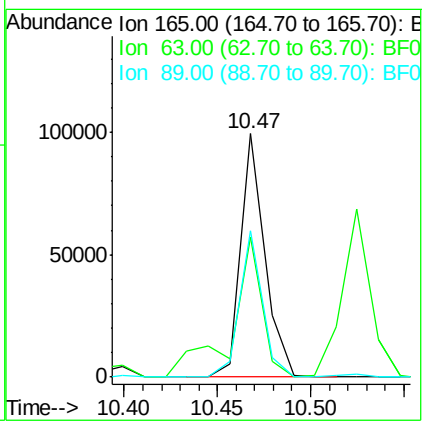


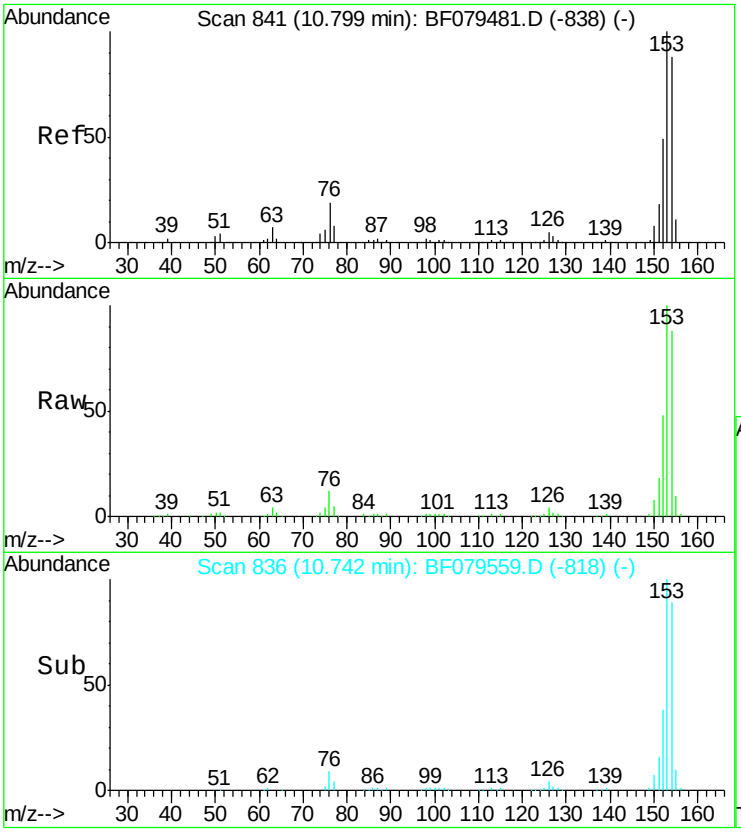


#50
2,6-Dinitrotoluene
Concen: 42.58 ng
RT: 10.47 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:165 Resp: 89435

Ion	Ratio	Lower	Upper
165	100		
63	57.5	27.7	41.5#
89	60.0	33.7	50.5#



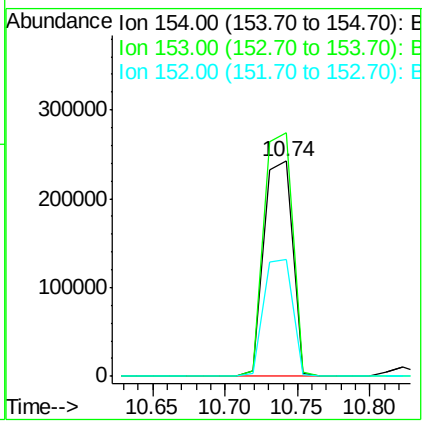


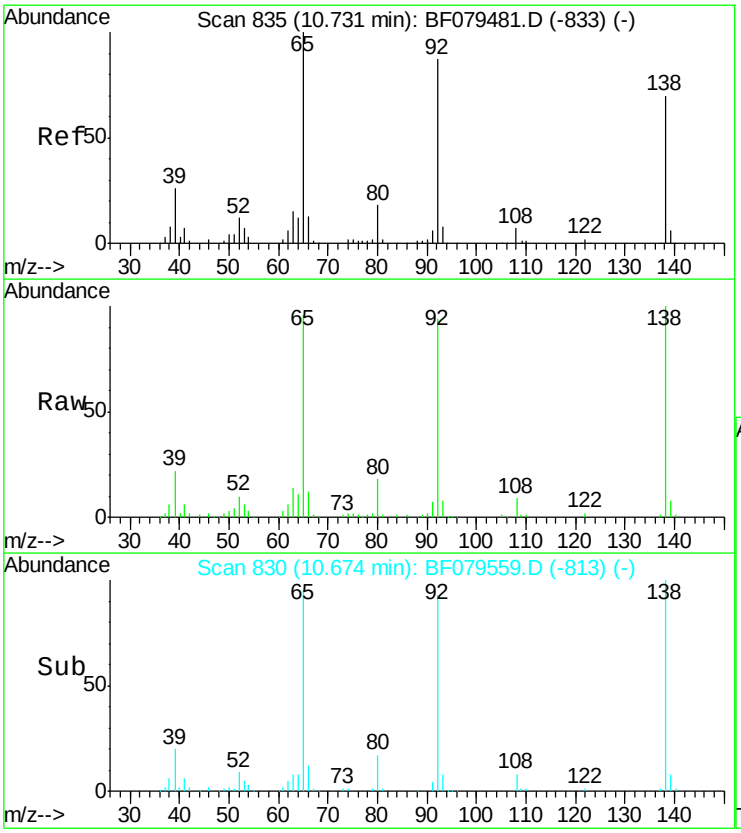
#51
Acenaphthene
Concen: 39.85 ng
RT: 10.74 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 332916

Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.1	136.7
152	54.6	44.6	66.8

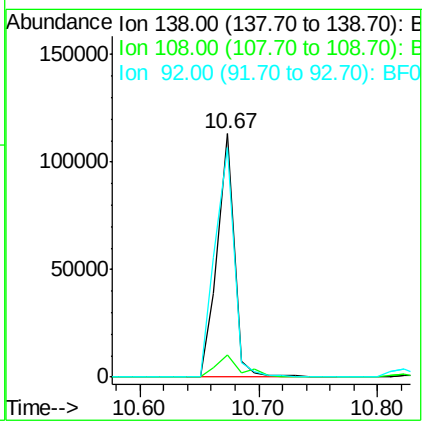


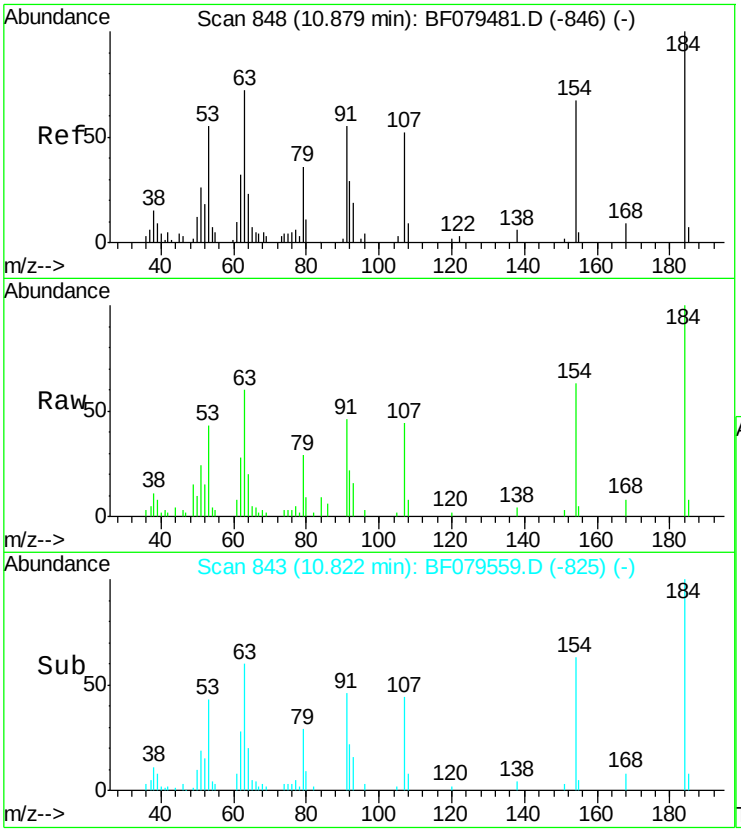


#52
3-Nitroaniline
Concen: 41.09 ng
RT: 10.67 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:138 Resp: 112255

Ion	Ratio	Lower	Upper
138	100		
108	9.1	8.0	12.0
92	94.4	99.9	149.9#



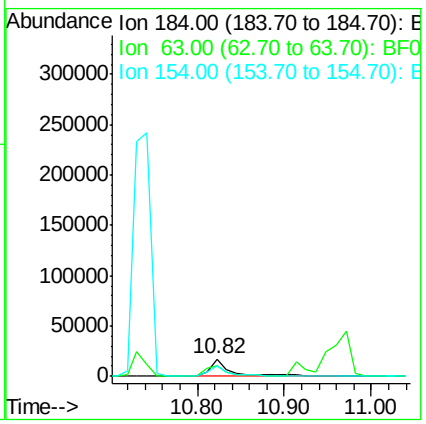


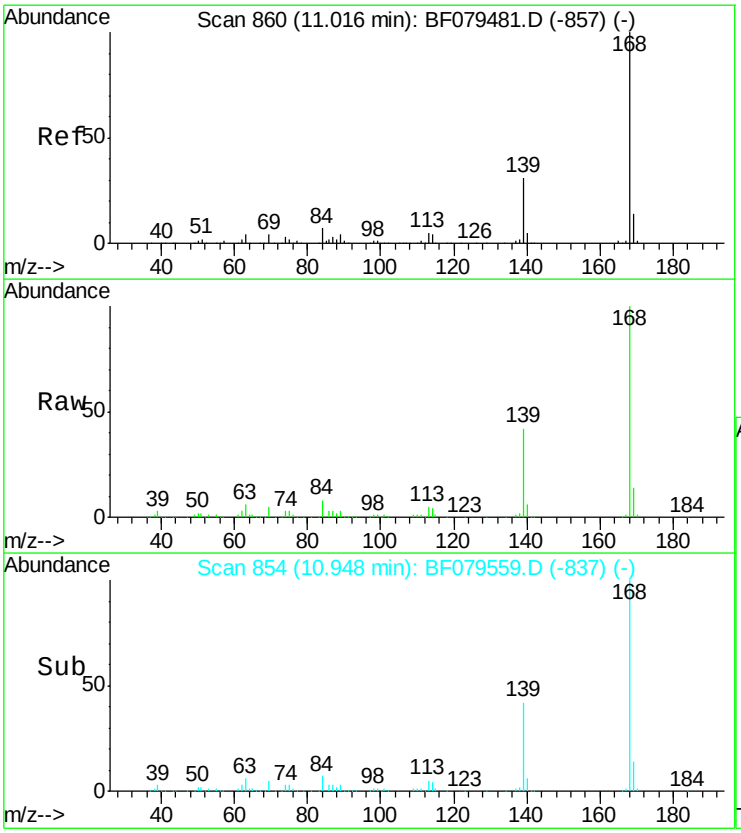
#53
2,4-Dinitrophenol
Concen: 45.13 ng
RT: 10.82 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 29446

Ion	Ratio	Lower	Upper
184	100		
63	60.2	57.7	86.5
154	62.7	53.4	80.2

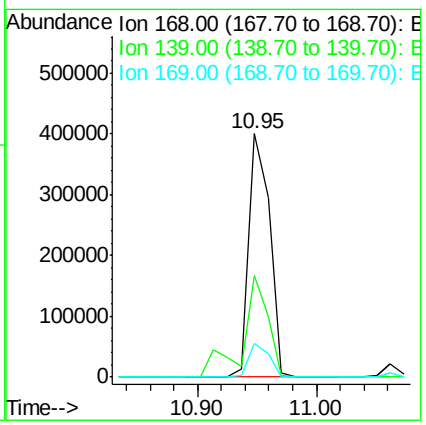


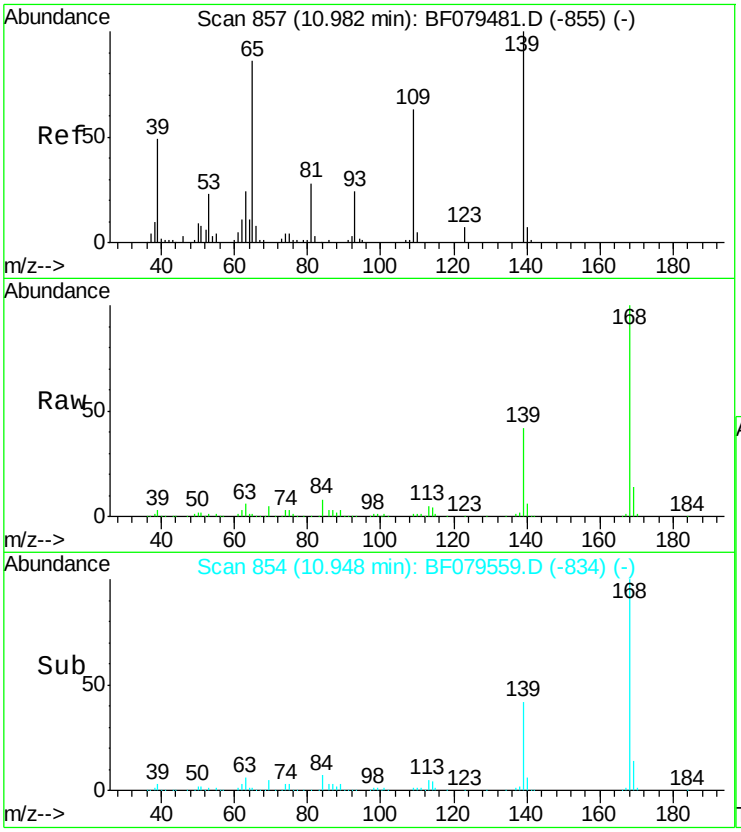


#54
Dibenzofuran
Concen: 40.08 ng
RT: 10.95 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:168 Resp: 493884

Ion	Ratio	Lower	Upper
168	100		
139	41.9	32.9	49.3
169	13.7	11.1	16.7



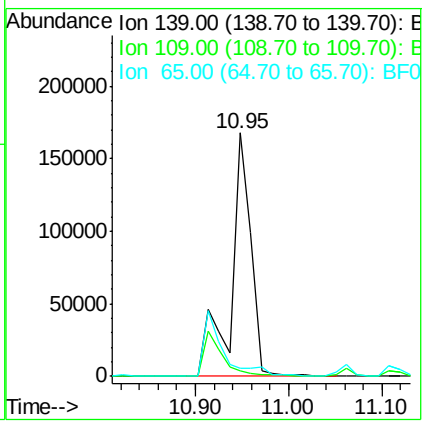


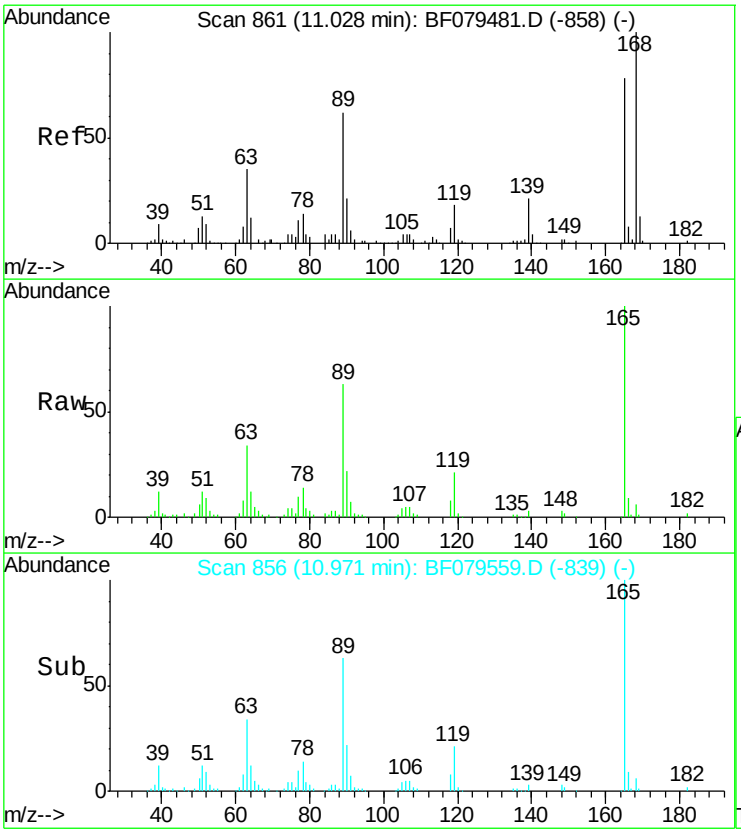
#55
4-Nitrophenol
Concen: 167.84 ng
RT: 10.95 min Scan# 854
Delta R.T. 0.02 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 254300

Ion	Ratio	Lower	Upper
139	100		
109	2.3	42.8	82.8#
65	3.4	66.3	106.3#

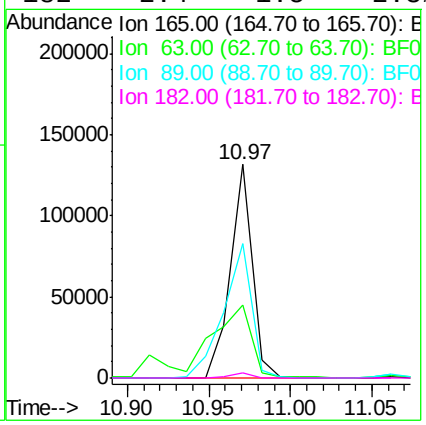


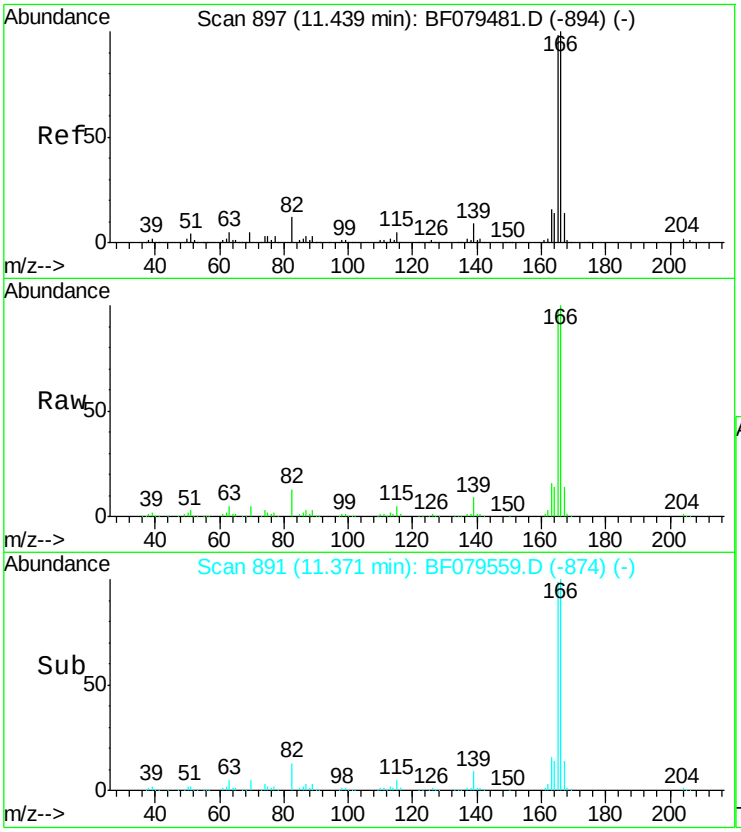


#56
2,4-Dinitrotoluene
Concen: 42.91 ng
RT: 10.97 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:165 Resp: 120874

Ion	Ratio	Lower	Upper
165	100		
63	33.9	39.5	59.3#
89	62.7	64.2	96.4#
182	2.4	1.5	2.3#



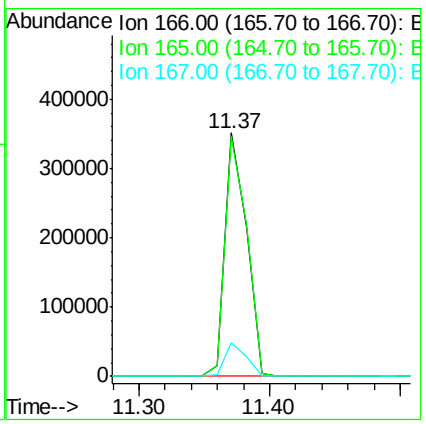


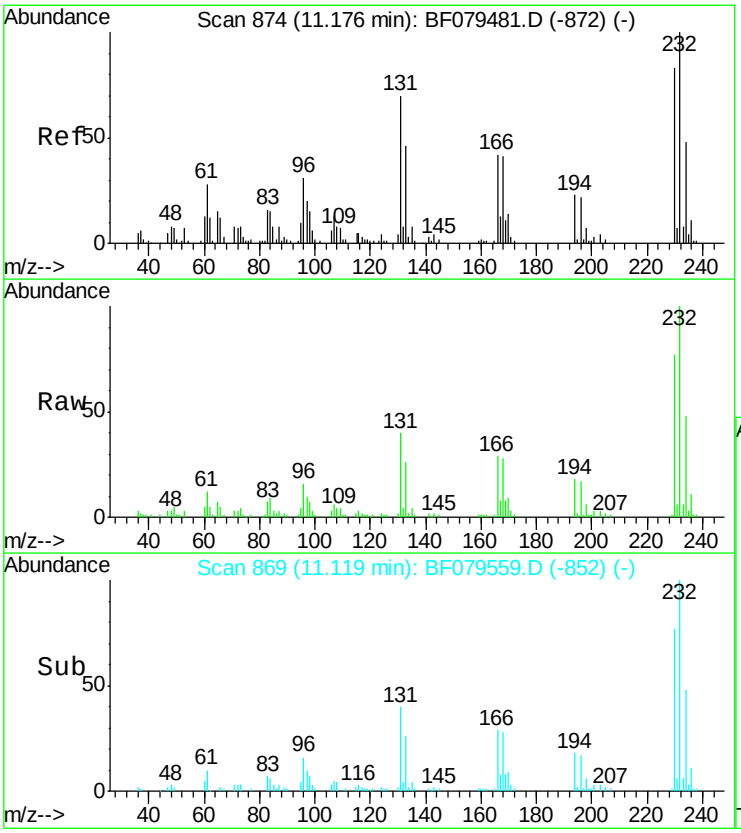
#57
Fluorene
Concen: 39.76 ng
RT: 11.37 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:166 Resp: 403831

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	13.9	10.8	16.2

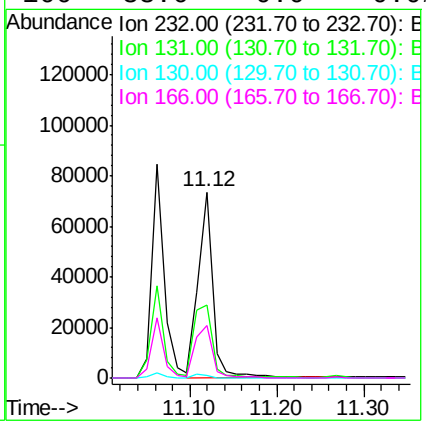


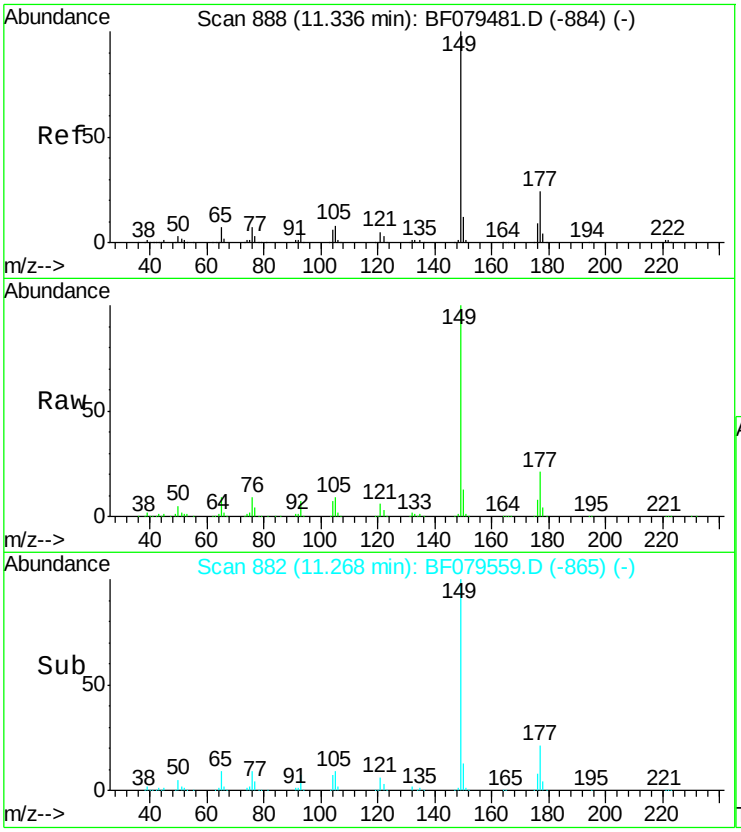


#58
2,3,4,6-Tetrachlorophenol
Concen: 42.46 ng
RT: 11.12 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:232 Resp: 85733

Ion	Ratio	Lower	Upper
232	100		
131	51.6	0.0	0.0#
130	2.0	0.0	0.0#
166	33.6	0.0	0.0#



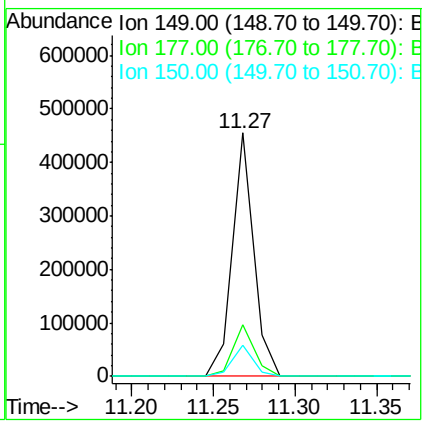


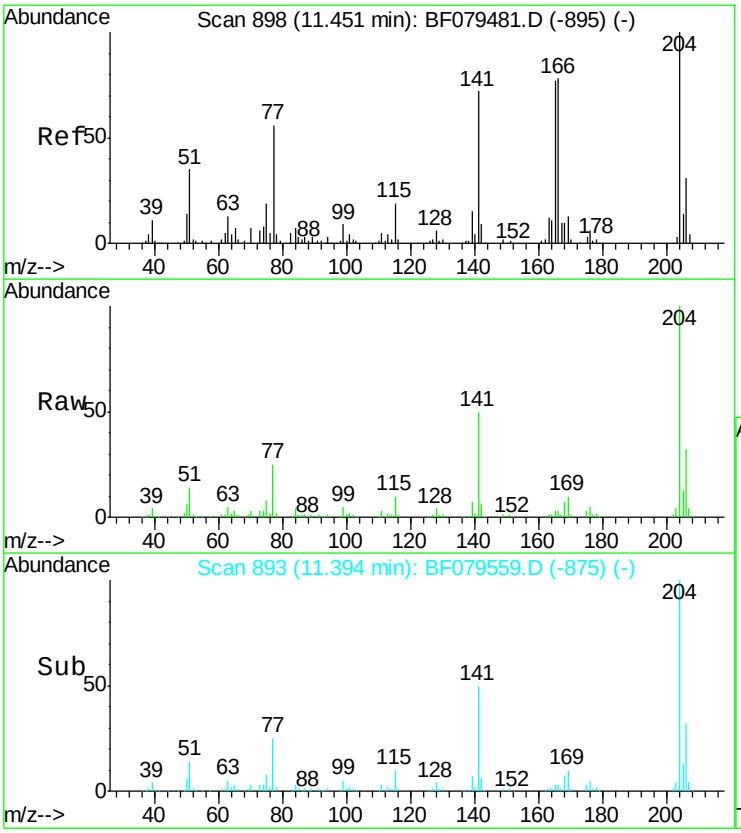
#59
Diethylphthalate
Concen: 39.64 ng
RT: 11.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 407968

Ion	Ratio	Lower	Upper
149	100		
177	21.1	18.9	28.3
150	12.6	9.8	14.6

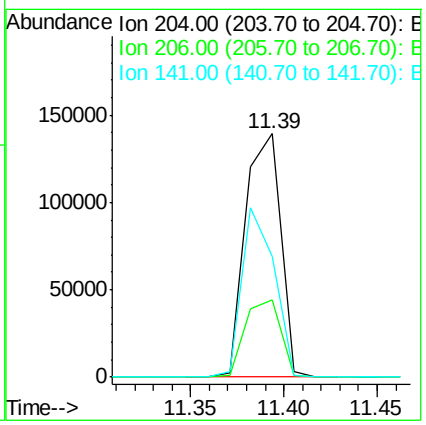


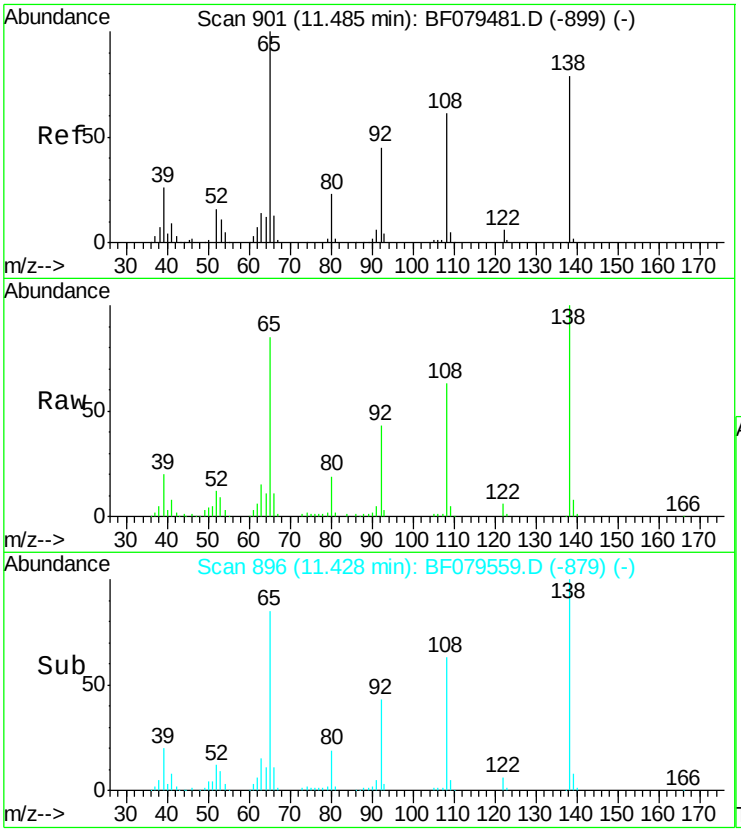


#60
4-Chlorophenyl-phenylether
Concen: 41.46 ng
RT: 11.39 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:204 Resp: 181950

Ion	Ratio	Lower	Upper
204	100		
206	31.8	25.0	37.4
141	49.5	57.4	86.2#



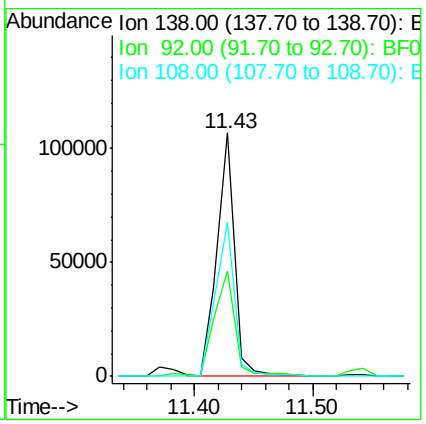


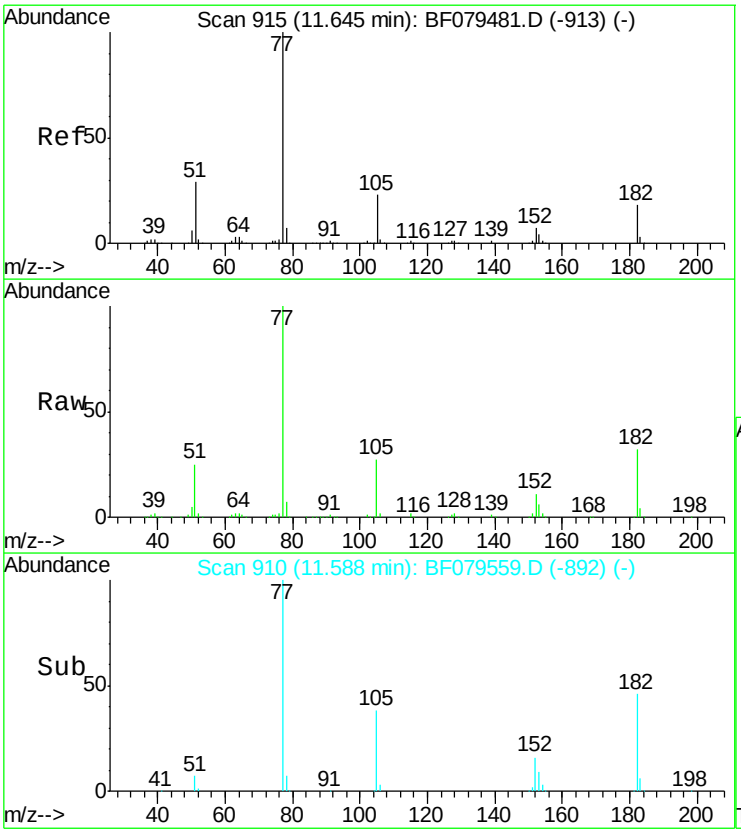
#61
4-Nitroaniline
Concen: 42.43 ng
RT: 11.43 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 107997

Ion	Ratio	Lower	Upper
138	100		
92	43.4	37.2	77.2
108	63.1	57.0	97.0

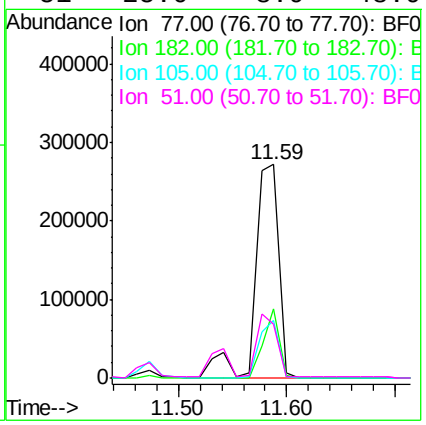


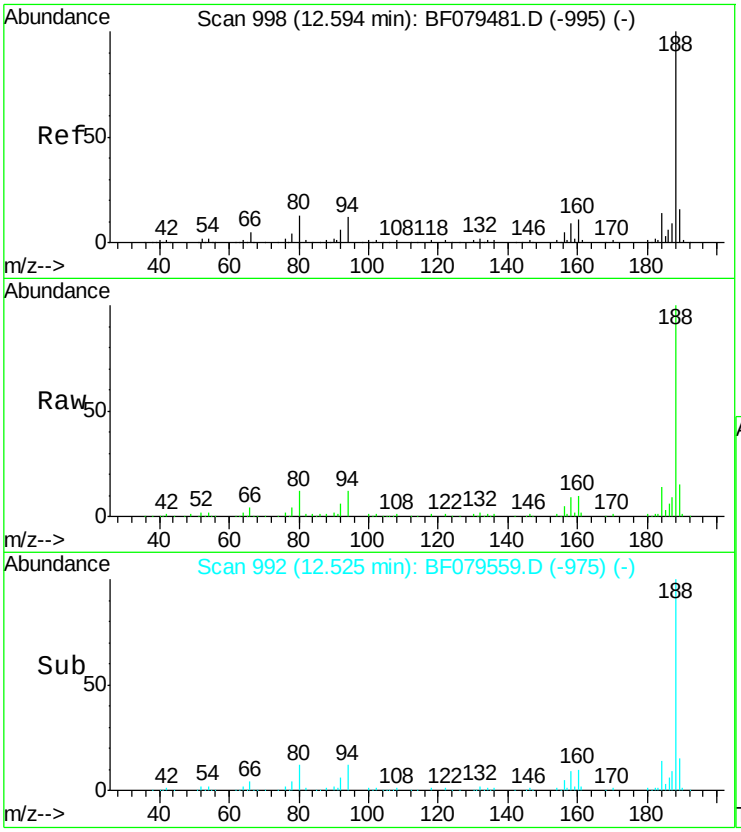


#62
Azobenzene
Concen: 41.63 ng
RT: 11.59 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion: 77 Resp: 416707

Ion	Ratio	Lower	Upper
77	100		
182	32.5	0.0	37.7
105	27.0	2.7	42.7
51	25.0	8.9	48.9



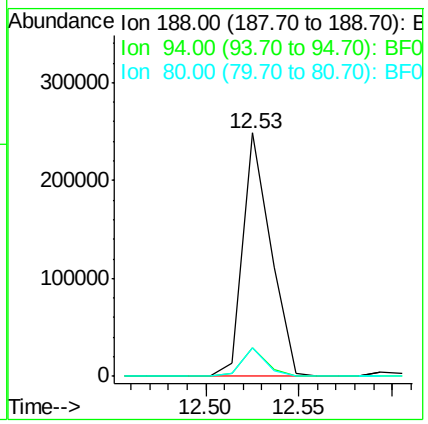


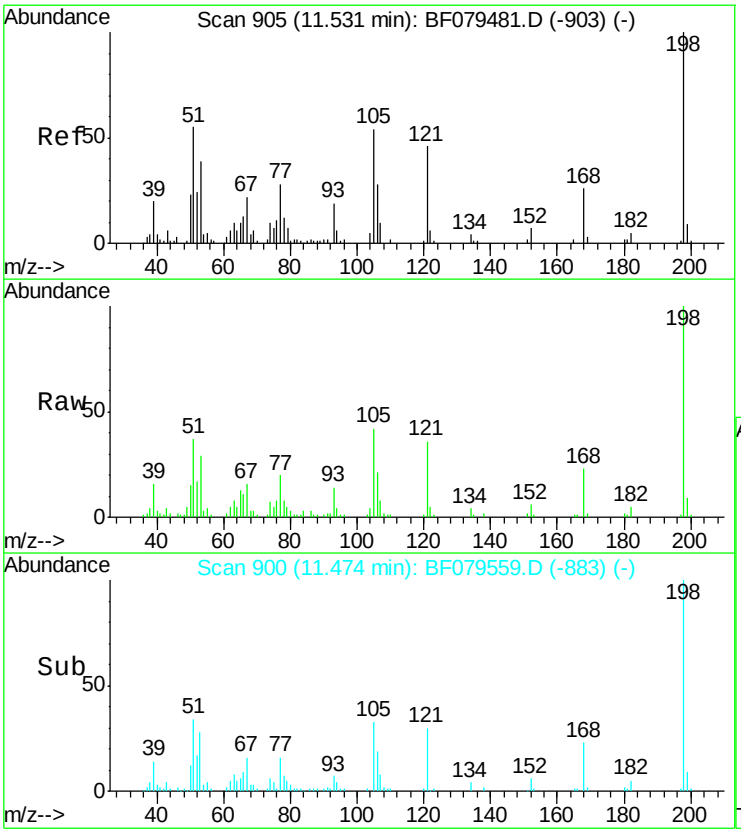
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.53 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 259749

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.8	14.6
80	11.9	10.5	15.7

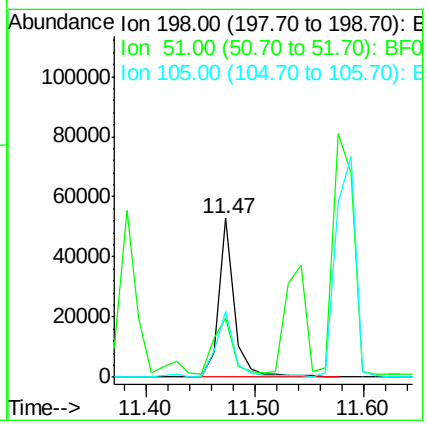


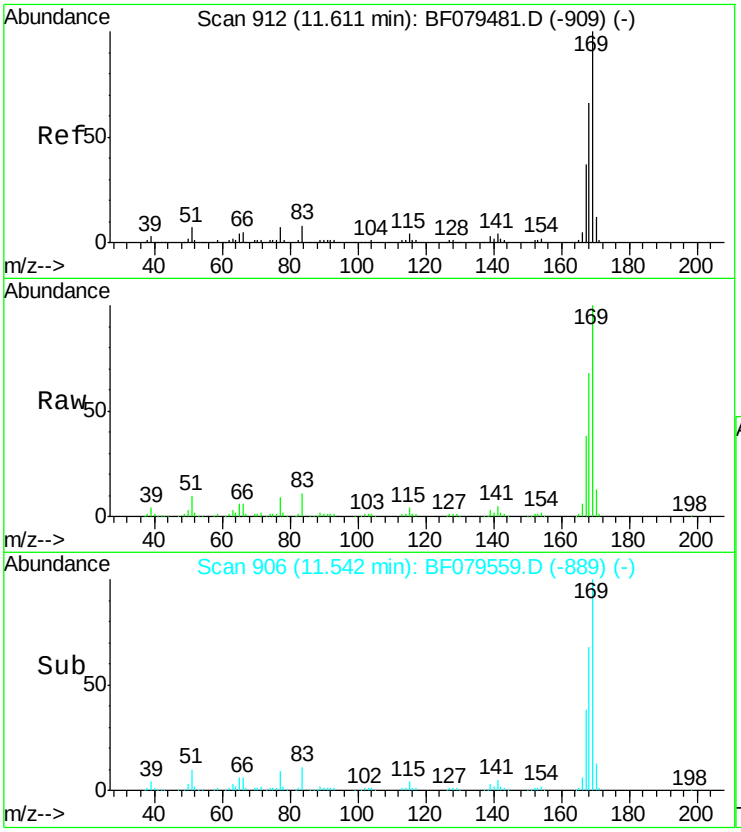


#64
4,6-Dinitro-2-methylphenol
Concen: 41.49 ng
RT: 11.47 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:198 Resp: 53020

Ion	Ratio	Lower	Upper
198	100		
51	37.1	36.0	76.0
105	41.6	34.1	74.1



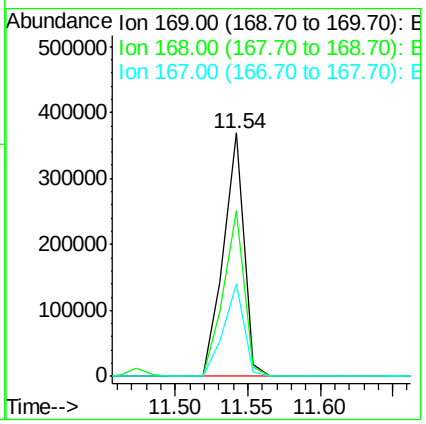


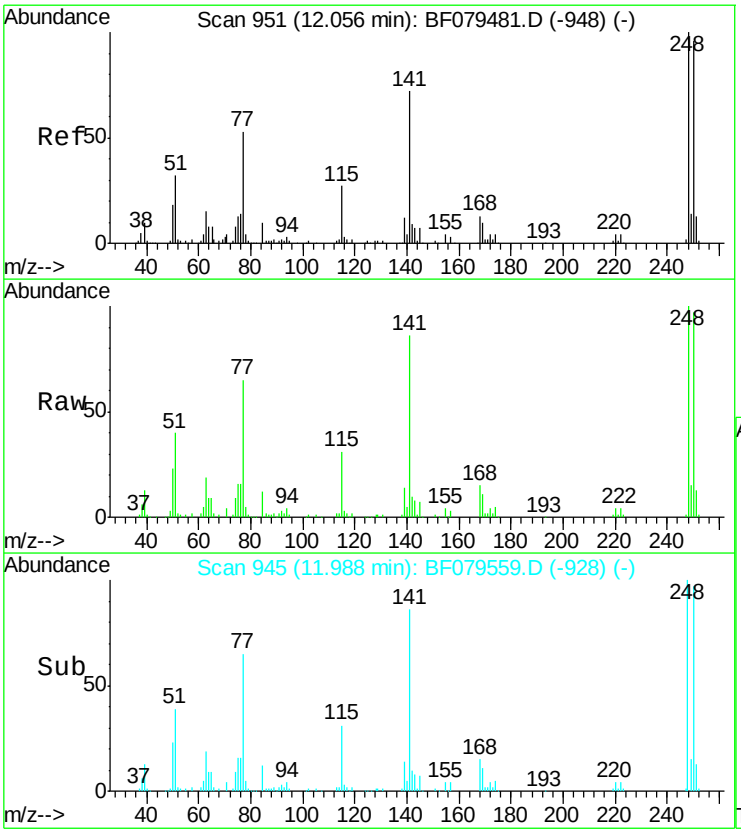
#65
n-Nitrosodiphenylamine
Concen: 42.34 ng
RT: 11.54 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:169 Resp: 365240

Ion	Ratio	Lower	Upper
169	100		
168	68.0	53.1	79.7
167	38.3	29.9	44.9

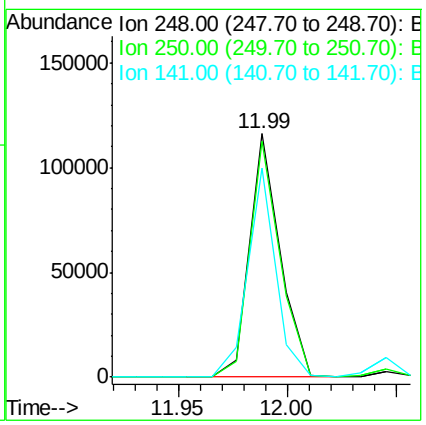


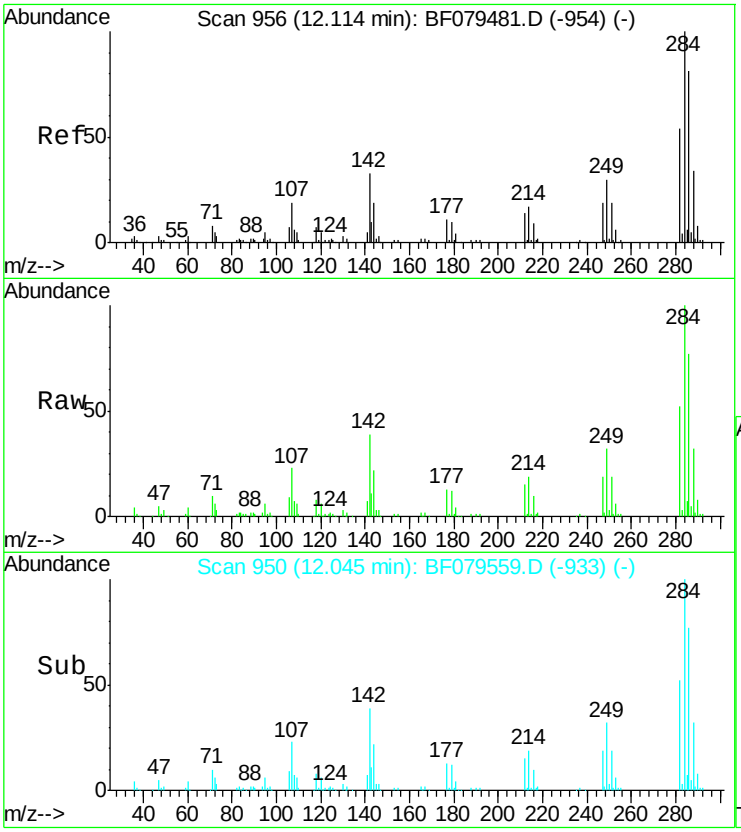


#66
4-Bromophenyl-phenylether
Concen: 42.44 ng
RT: 11.99 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:248 Resp: 113506

Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.8	115.2
141	85.6	57.7	86.5



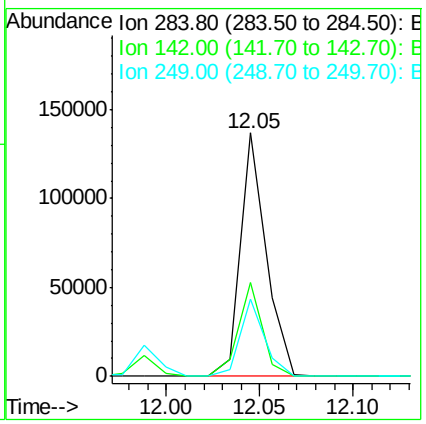


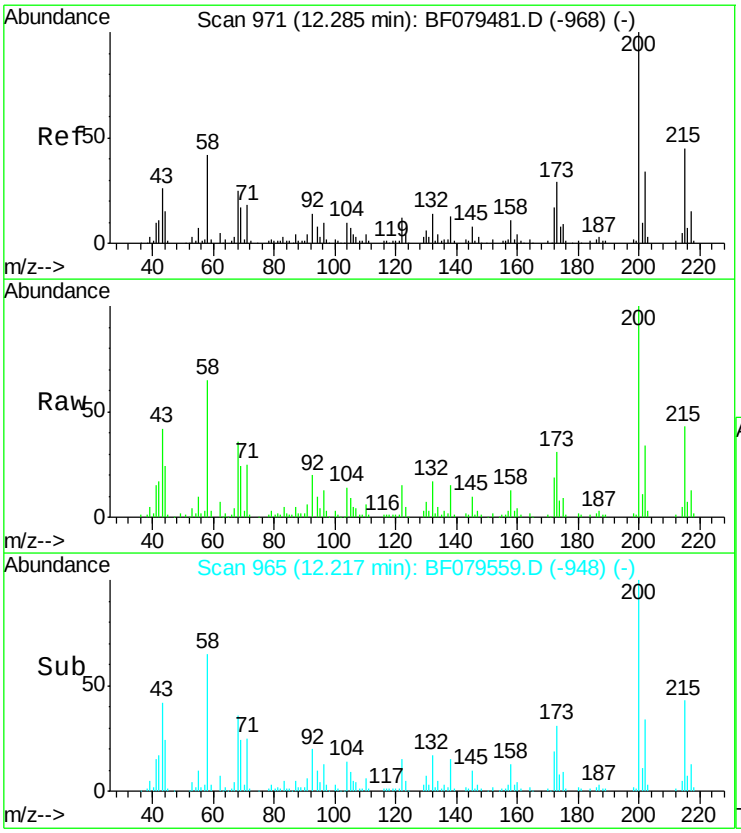
#67
Hexachlorobenzene
Concen: 43.18 ng
RT: 12.05 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 131693

Ion	Ratio	Lower	Upper
284	100		
142	38.7	26.2	39.2
249	31.7	24.3	36.5

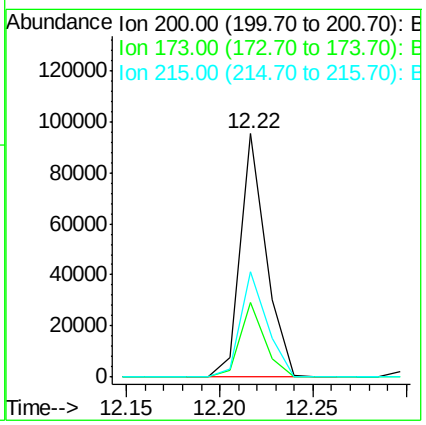


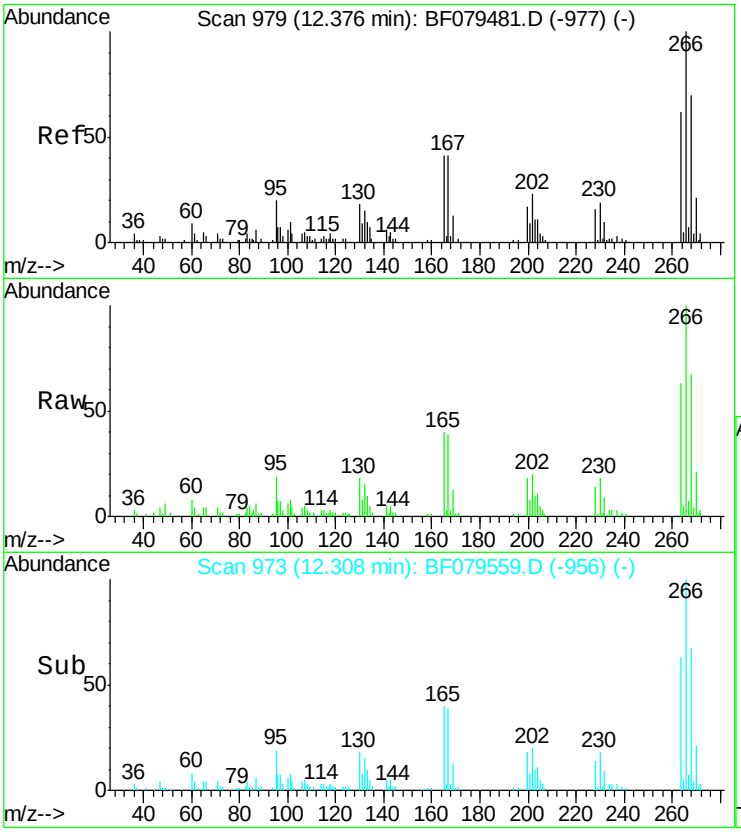


#68
Atrazine
Concen: 39.42 ng
RT: 12.22 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:200 Resp: 91870

Ion	Ratio	Lower	Upper
200	100		
173	30.6	9.4	49.4
215	43.3	25.3	65.3



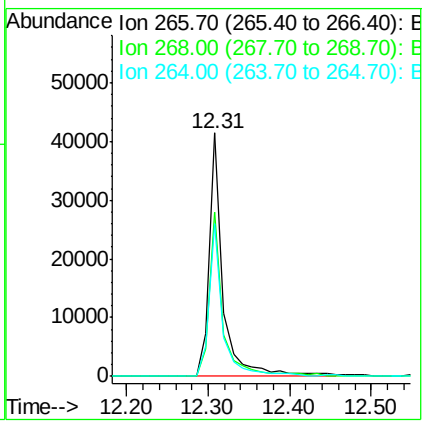


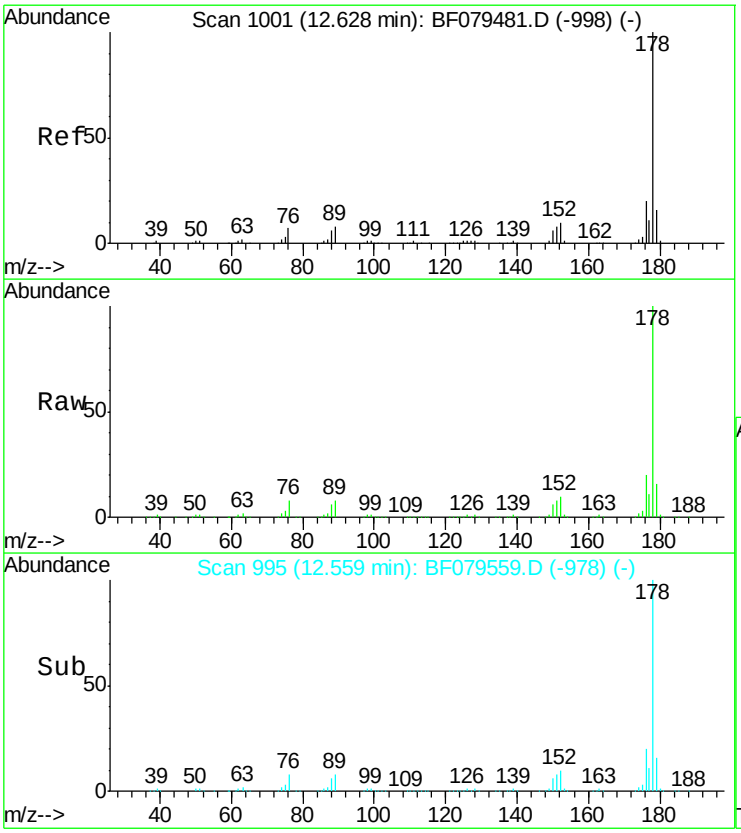
#69
Pentachlorophenol
Concen: 42.77 ng
RT: 12.31 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:266 Resp: 49963

Ion	Ratio	Lower	Upper
266	100		
268	67.3	56.1	84.1
264	62.8	50.0	75.0

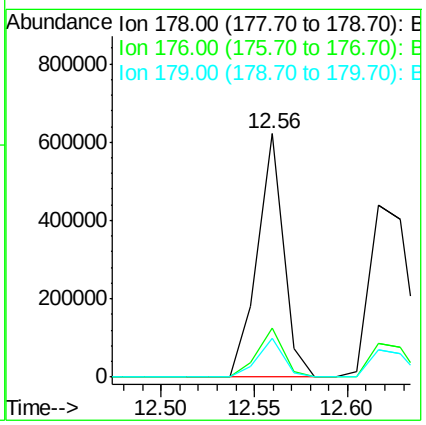


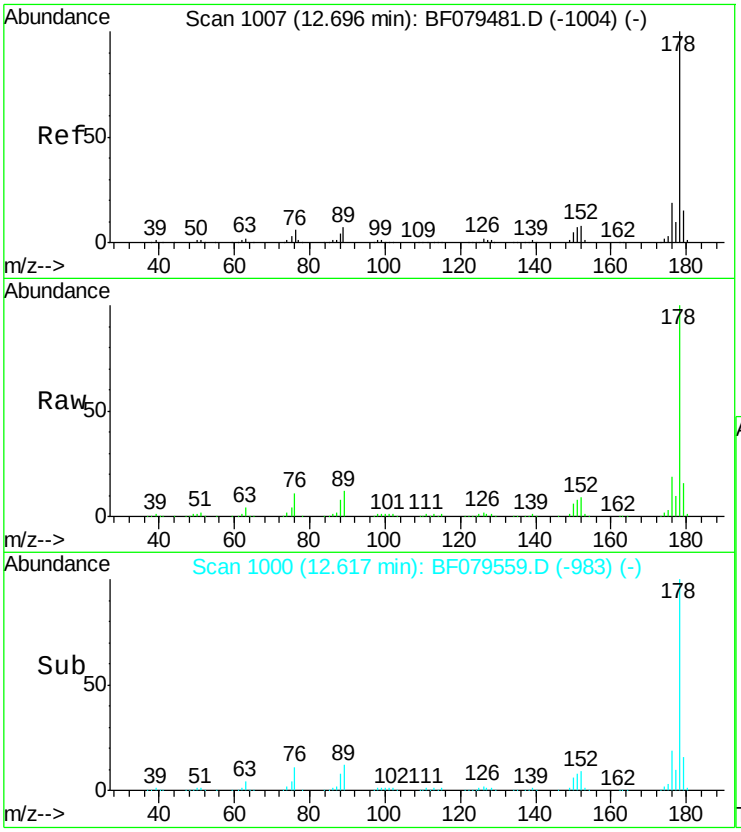


#70
Phenanthrene
Concen: 42.22 ng
RT: 12.56 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:178 Resp: 601586

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	15.7	12.4	18.6



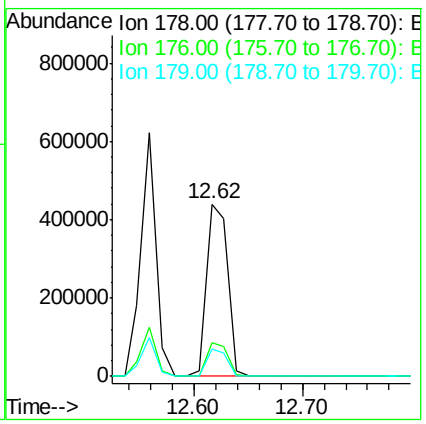


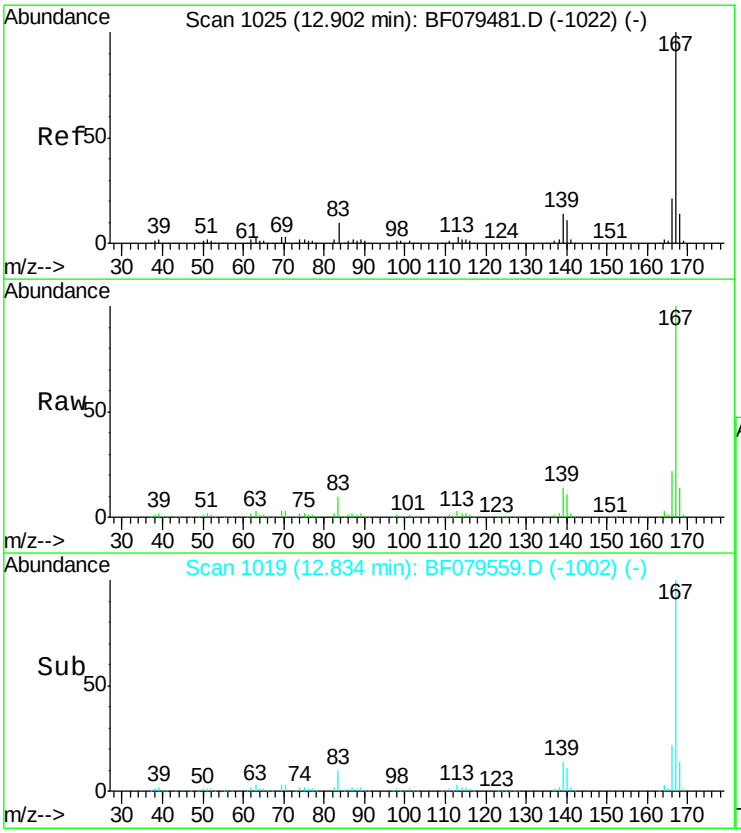
#71
Anthracene
Concen: 41.51 ng
RT: 12.62 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 600526

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.9	12.2	18.4

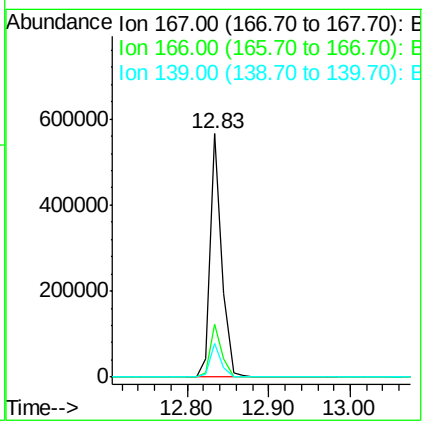


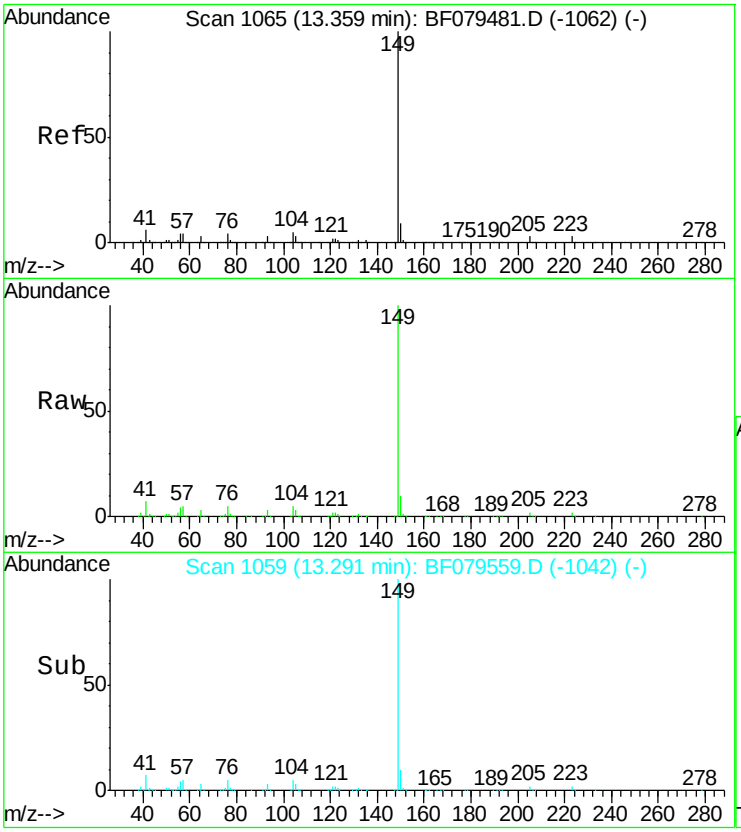


#72
Carbazole
Concen: 40.45 ng
RT: 12.83 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:167 Resp: 563469

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.0	25.4
139	14.0	11.2	16.8



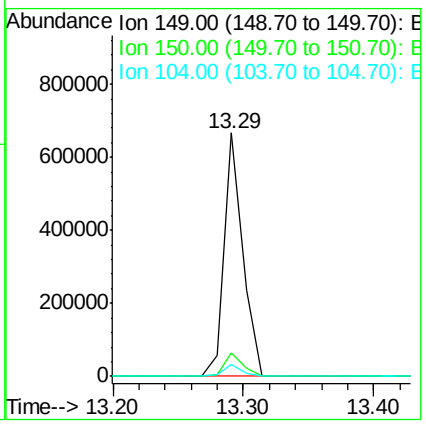


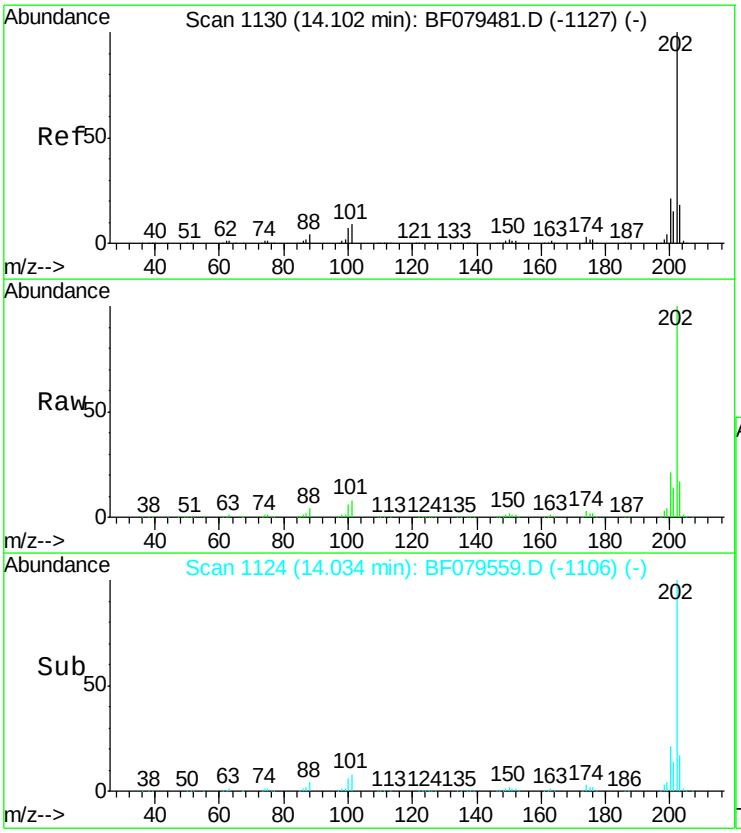
#73
Di-n-butylphthalate
Concen: 42.26 ng
RT: 13.29 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 660117

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.5	11.3
104	4.7	3.6	5.4

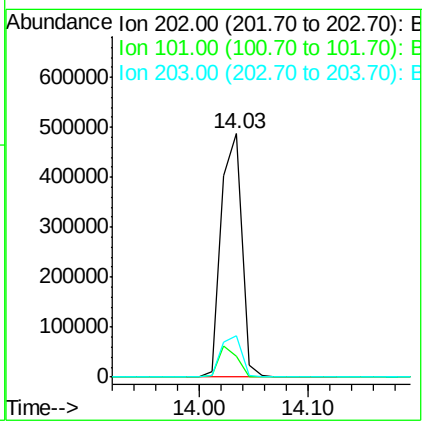


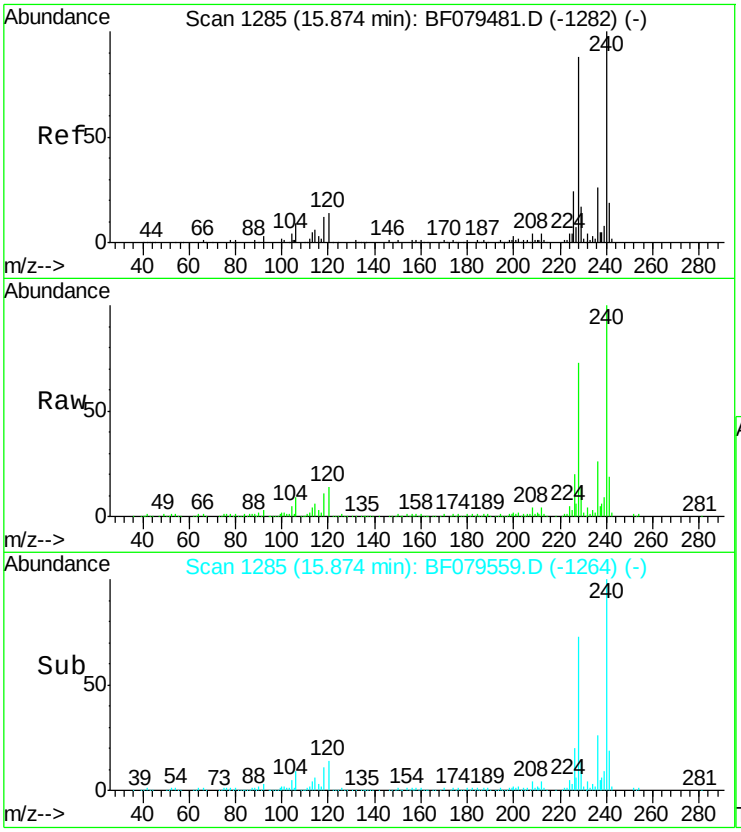


#74
Fluoranthene
Concen: 41.77 ng
RT: 14.03 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:202 Resp: 638293

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	29.3
203	17.0	0.0	37.6



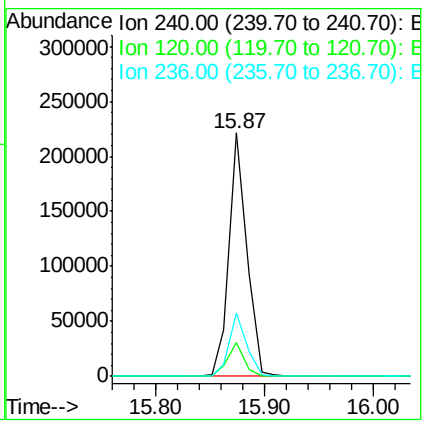


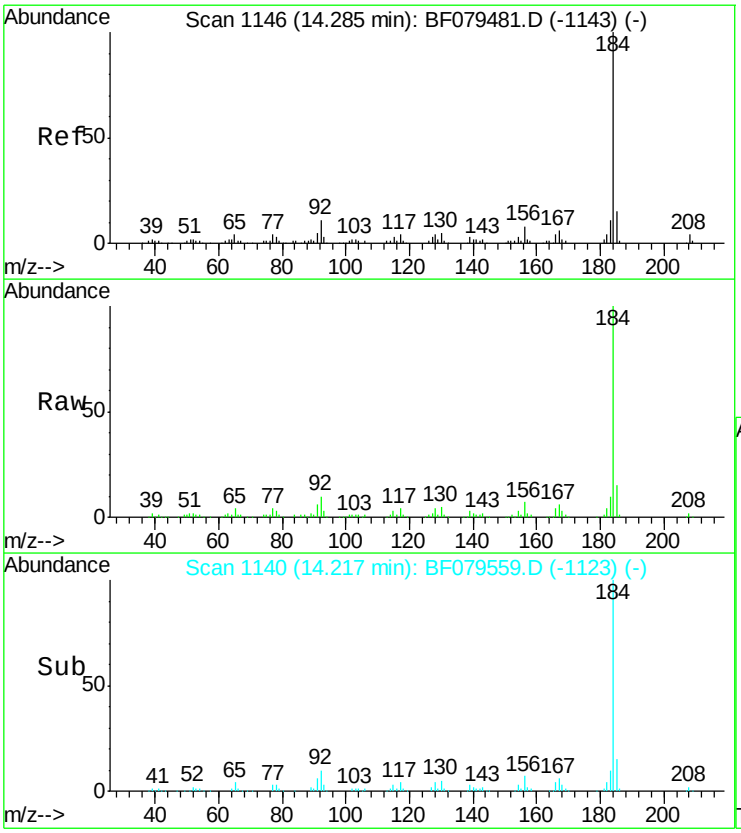
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.87 min Scan# 1285
Delta R.T. 0.03 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:240 Resp: 249626

Ion	Ratio	Lower	Upper
240	100		
120	13.7	10.8	16.2
236	25.8	21.0	31.6

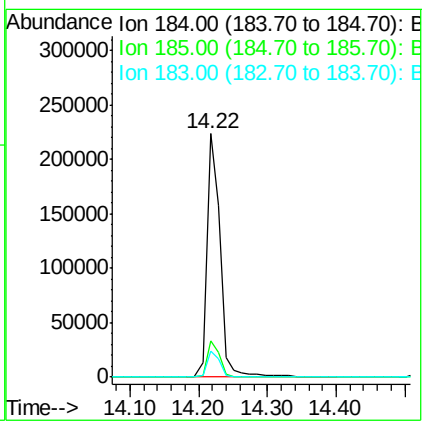


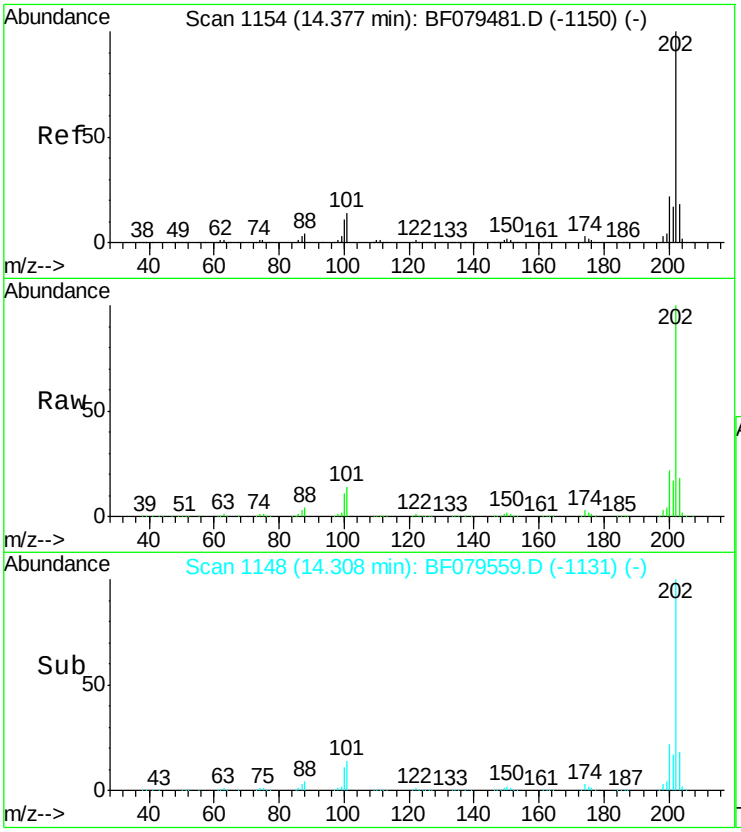


#76
Benzidine
Concen: 56.16 ng
RT: 14.22 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:184 Resp: 300254

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.1	18.1
183	10.5	8.6	12.8



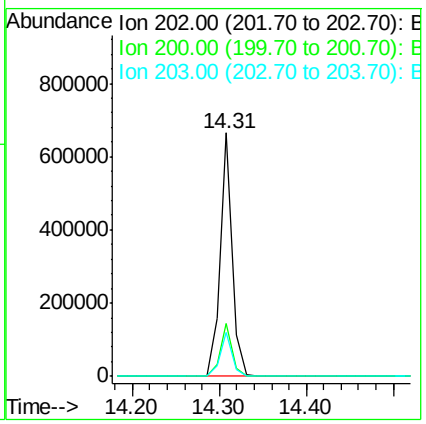


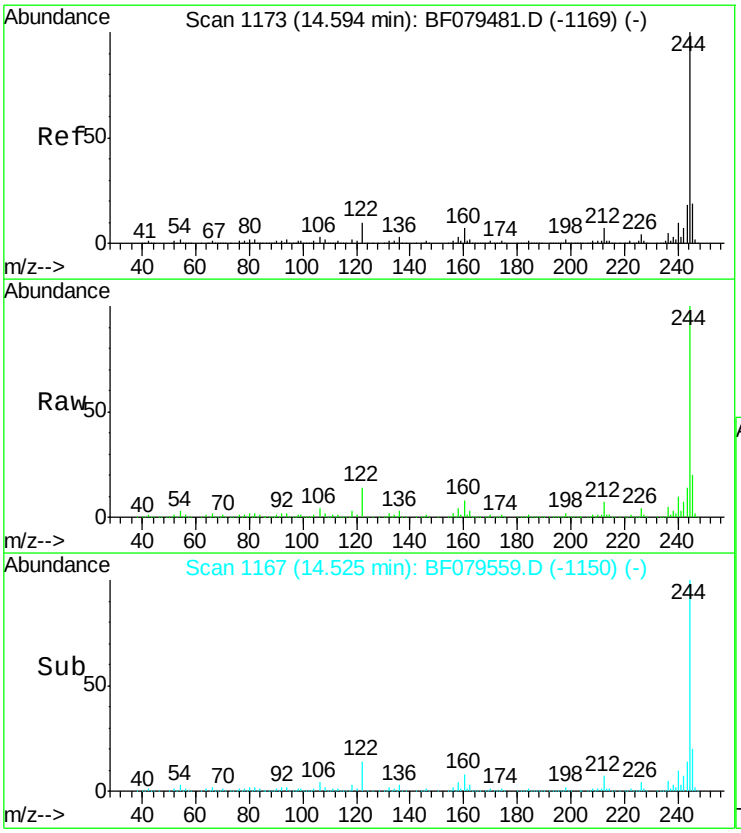
#77
Pyrene
Concen: 41.96 ng
RT: 14.31 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 648940

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.5	26.3
203	17.8	14.4	21.6

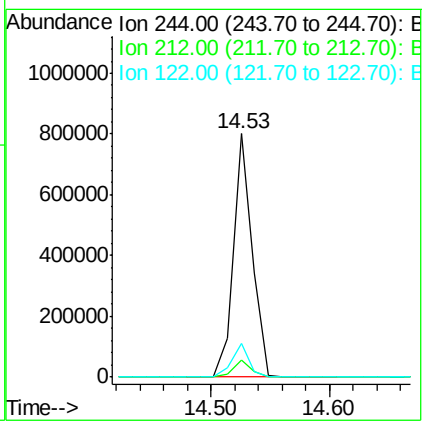


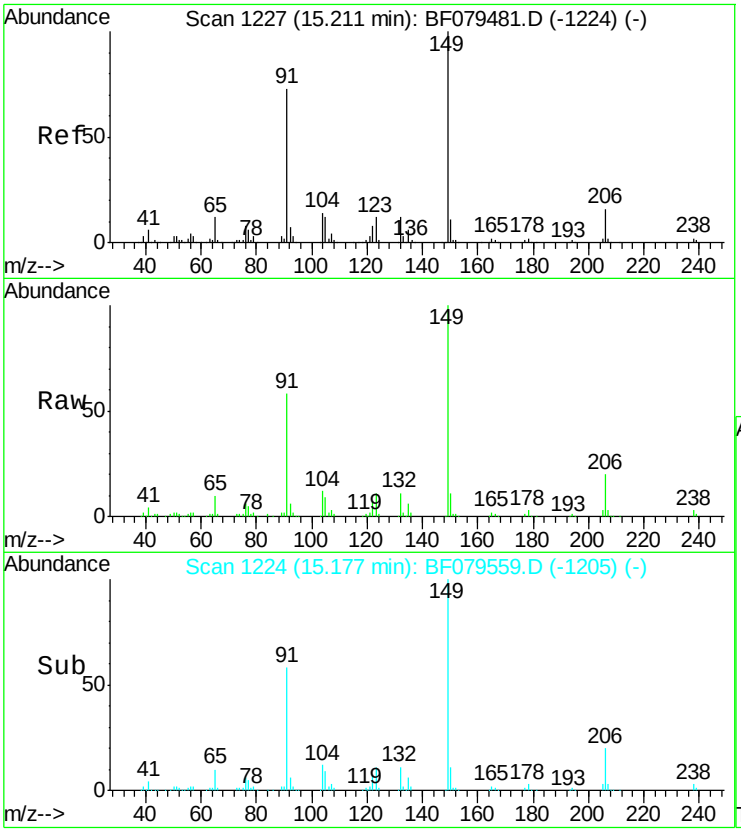


#78
Terphenyl-d14
Concen: 82.68 ng
RT: 14.53 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:244 Resp: 879467

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.2	7.8
122	14.1	8.0	12.0#



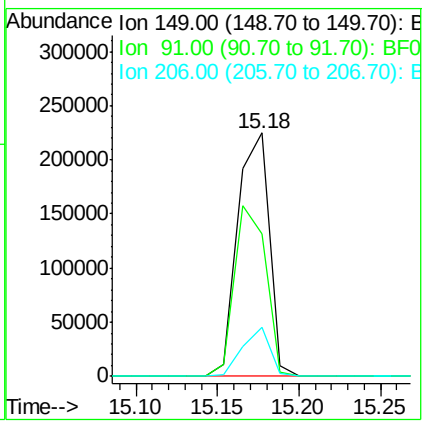


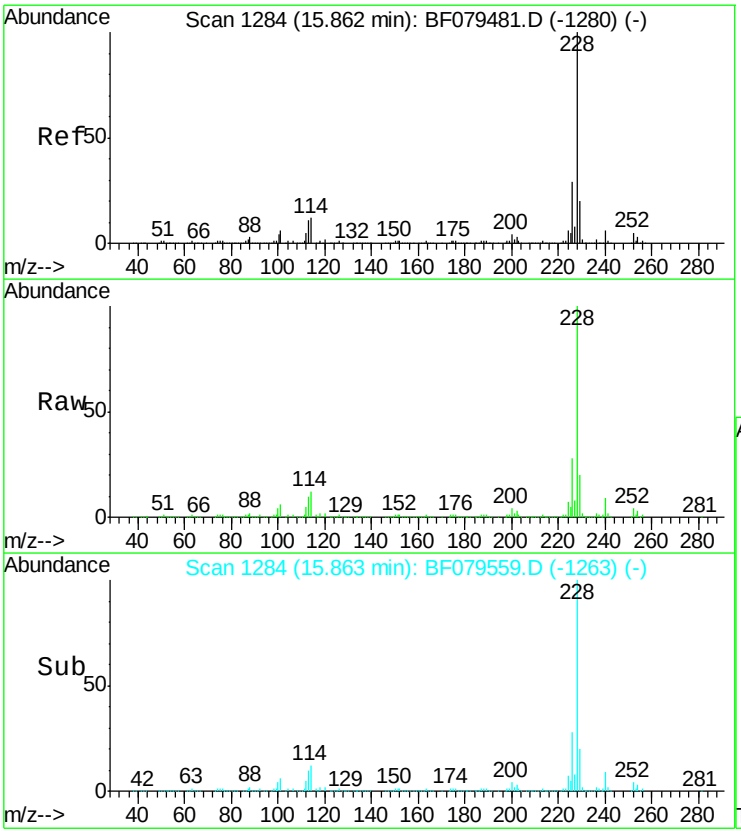
#79
Butylbenzylphthalate
Concen: 43.04 ng
RT: 15.18 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 299351

Ion	Ratio	Lower	Upper
149	100		
91	58.5	58.1	87.1
206	20.1	13.1	19.7#

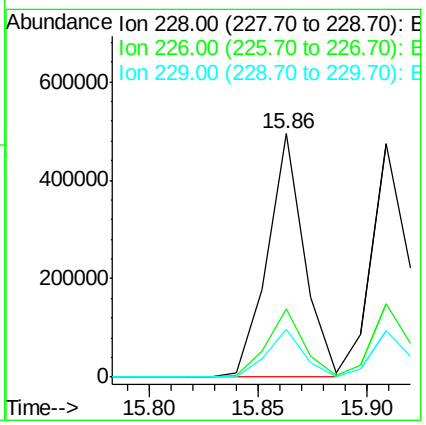


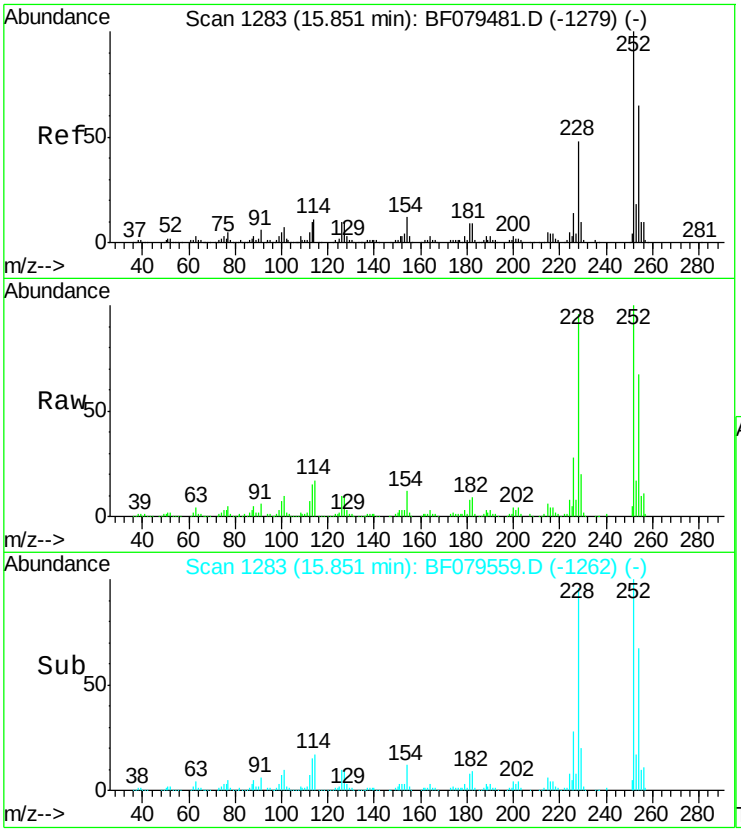


#80
Benzo(a)anthracene
Concen: 40.56 ng
RT: 15.86 min Scan# 1284
Delta R.T. 0.03 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:228 Resp: 582486

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.8	34.2
229	19.9	15.9	23.9



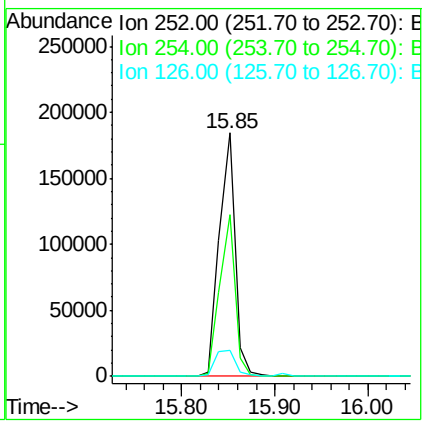


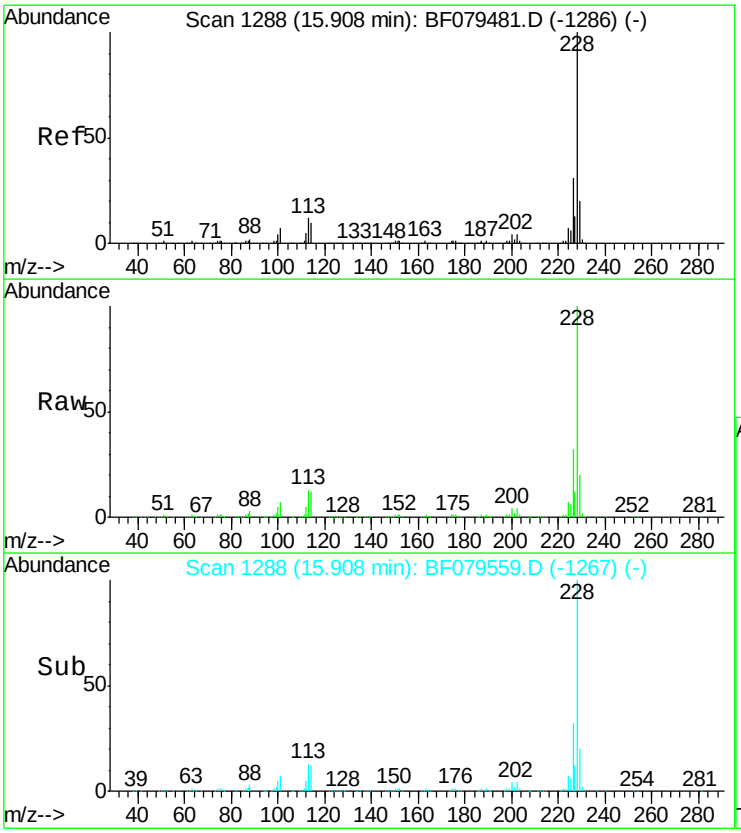
#81
3,3'-Dichlorobenzidine
Concen: 41.69 ng
RT: 15.85 min Scan# 1283
Delta R.T. 0.03 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 219237

Ion	Ratio	Lower	Upper
252	100		
254	66.6	52.1	78.1
126	10.4	8.2	12.2

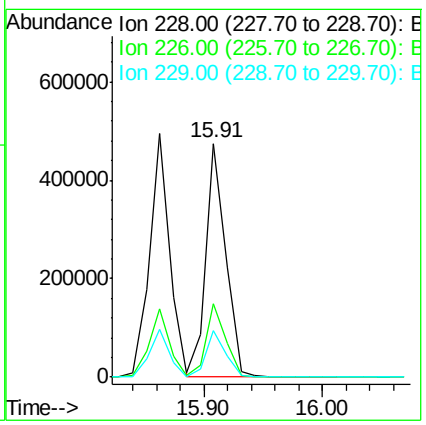


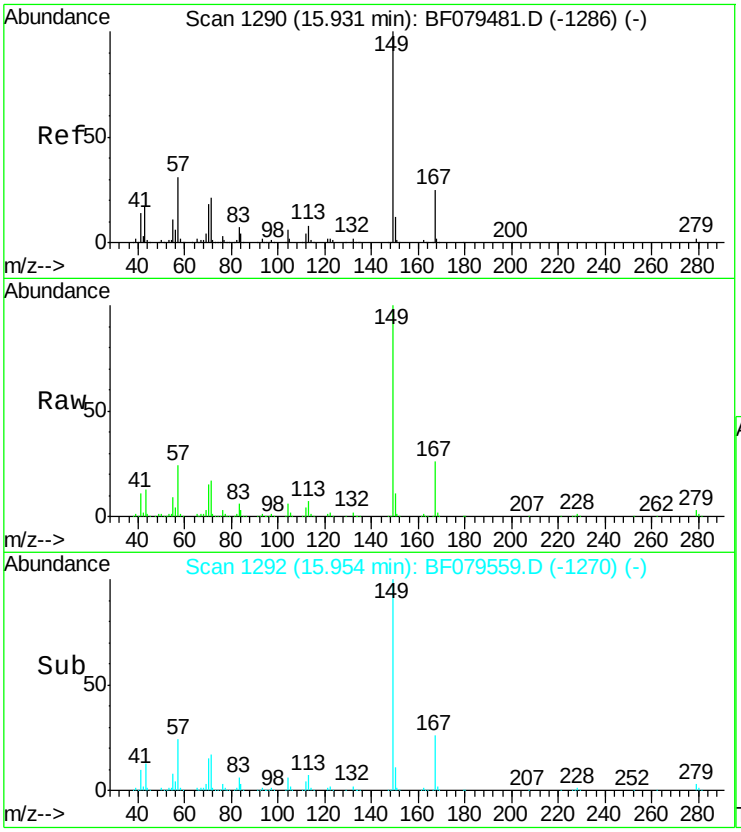


#82
Chrysene
Concen: 40.24 ng
RT: 15.91 min Scan# 1288
Delta R.T. 0.03 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:228 Resp: 549195

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.4
229	20.0	15.9	23.9



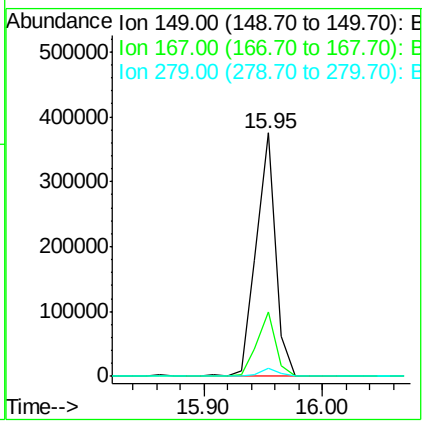


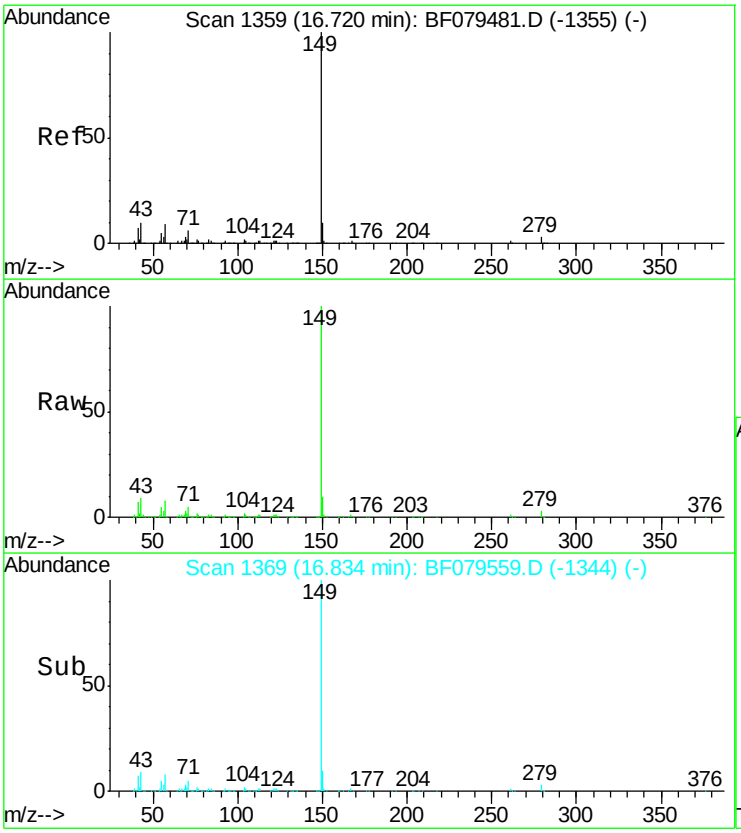
#83
Bis(2-ethylhexyl)phthalate
Concen: 43.41 ng
RT: 15.95 min Scan# 1292
Delta R.T. 0.05 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 432504

Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.2	30.4
279	3.3	2.0	3.0#

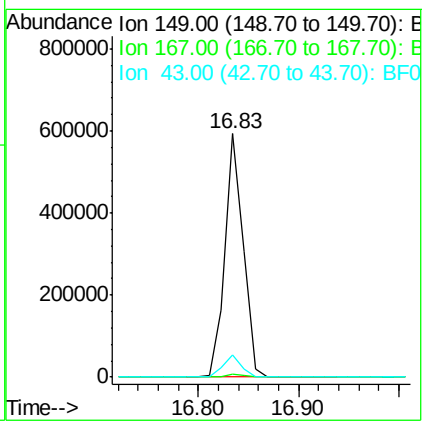


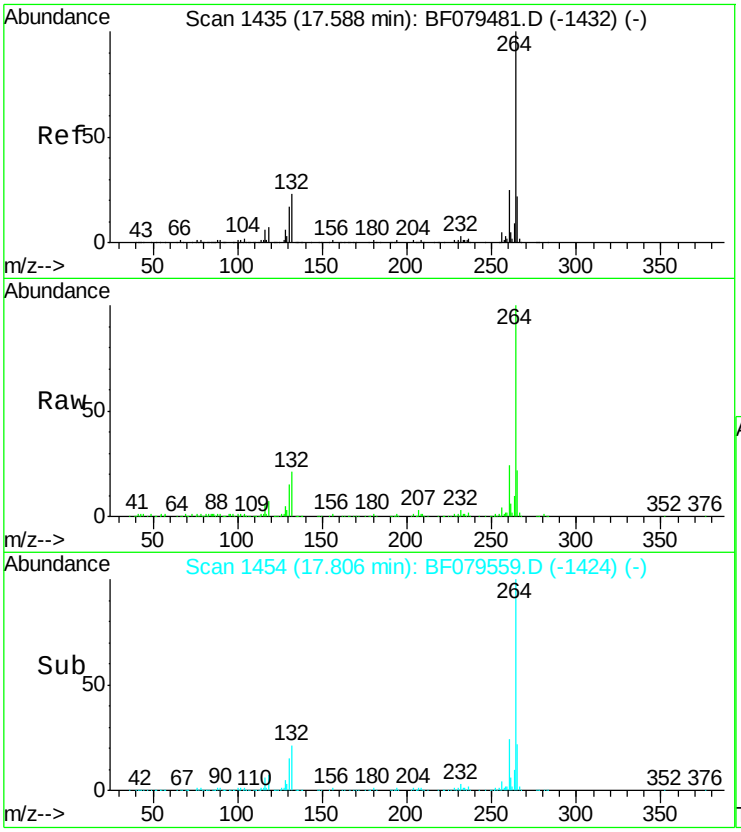


#84
Di-n-octyl phthalate
Concen: 43.14 ng
RT: 16.83 min Scan# 1369
Delta R.T. 0.08 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:149 Resp: 748071

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.1	7.8	11.6



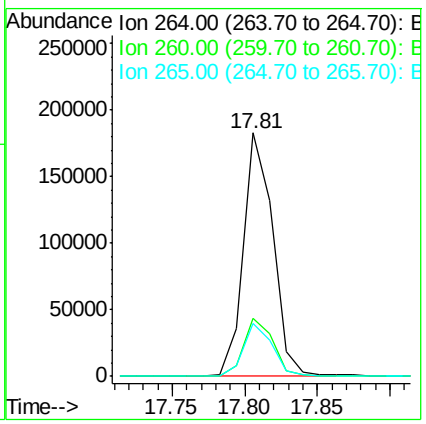


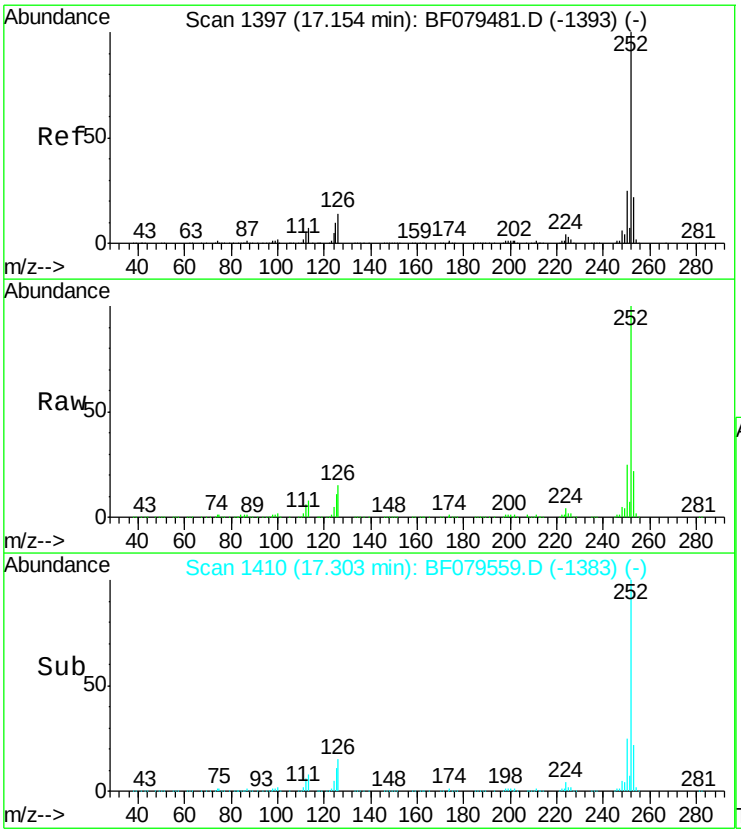
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.81 min Scan# 1454
Delta R.T. 0.14 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:264 Resp: 258287

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.8
265	21.9	17.8	26.6

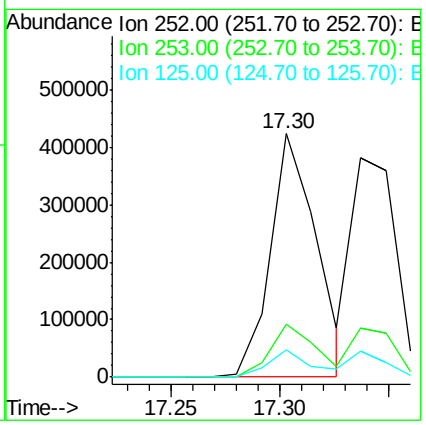


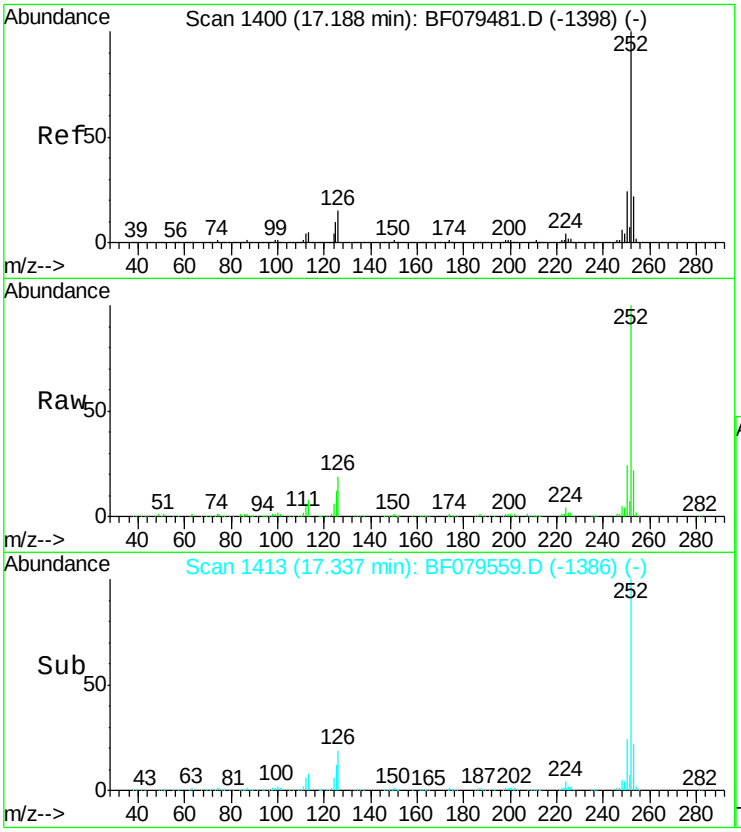


#87
Benzo(b)fluoranthene
Concen: 42.58 ng
RT: 17.30 min Scan# 1410
Delta R.T. 0.10 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:252 Resp: 627189

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.2	7.8	11.6



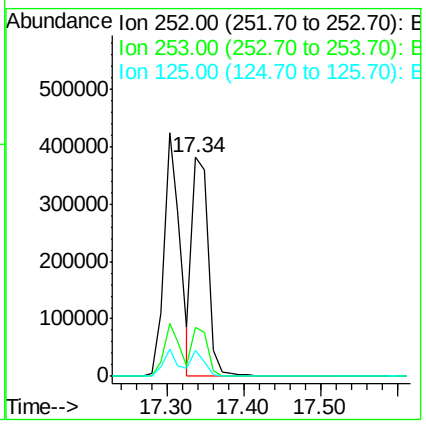


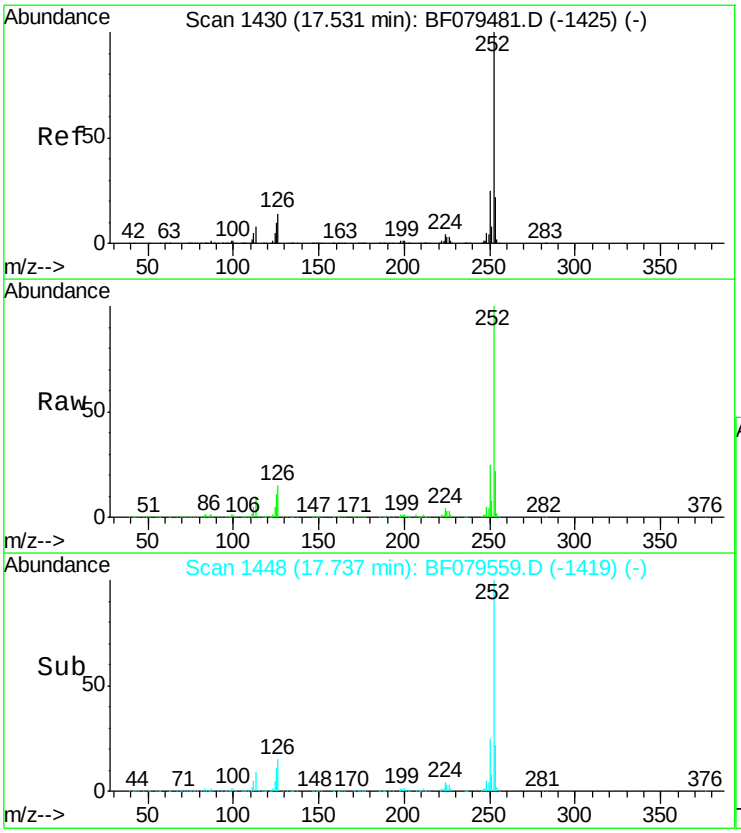
#88
Benzo(k)fluoranthene
Concen: 42.03 ng
RT: 17.34 min Scan# 1413
Delta R.T. 0.10 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 553687

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	12.0	6.8	10.2#

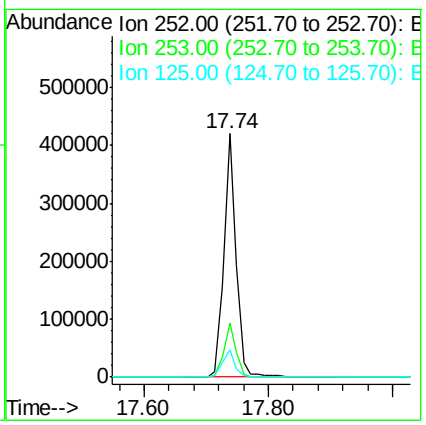


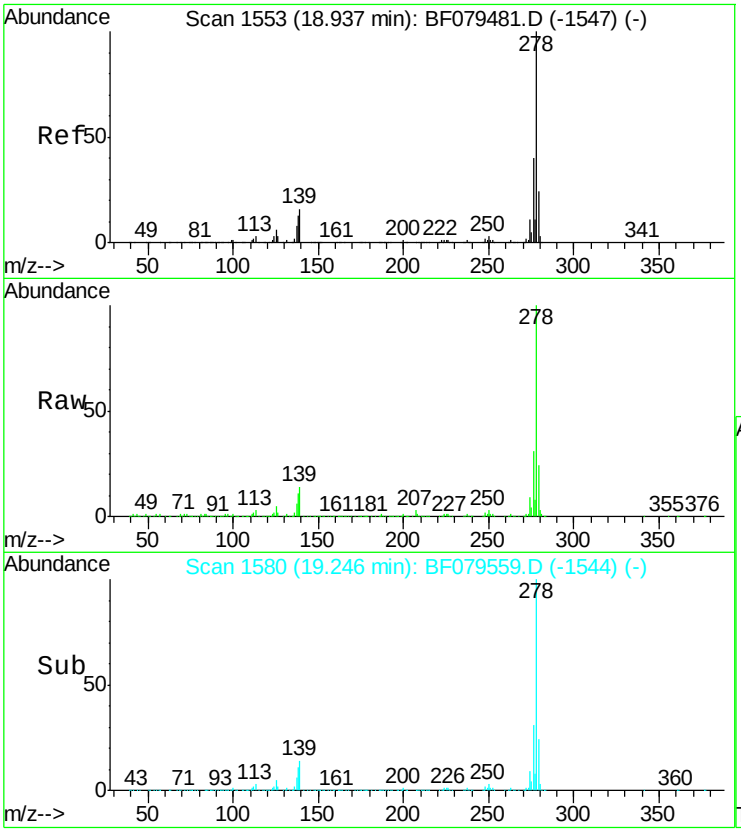


#89
Benzo(a)pyrene
Concen: 43.67 ng
RT: 17.74 min Scan# 1448
Delta R.T. 0.13 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:252 Resp: 564803

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.4	7.9	11.9



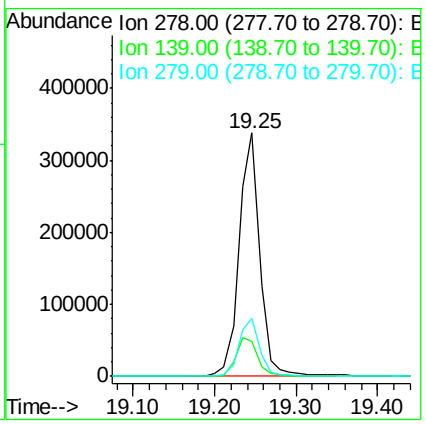


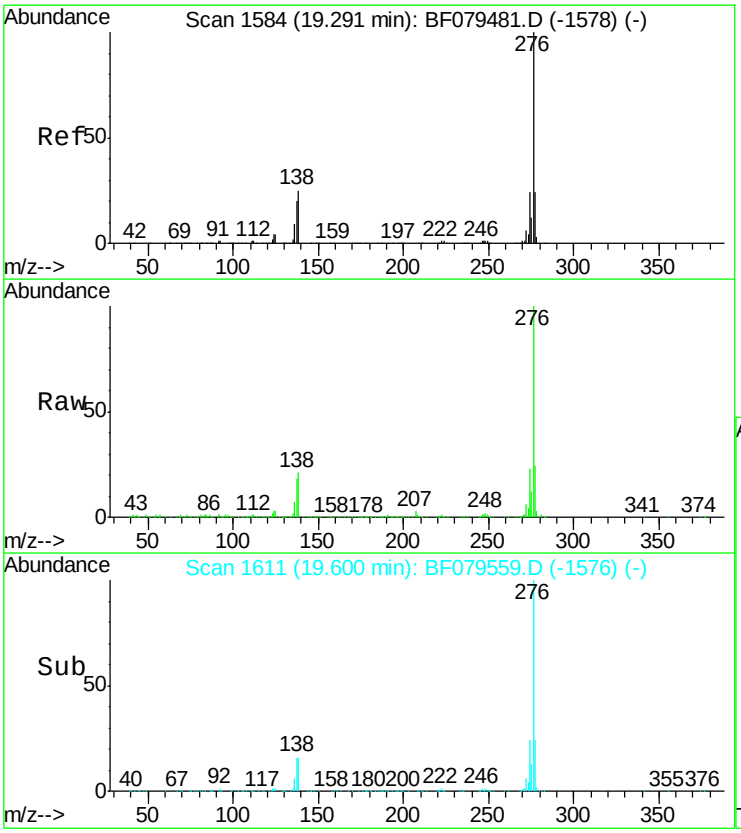
#90
Dibenzo(a,h)anthracene
Concen: 43.87 ng
RT: 19.25 min Scan# 1580
Delta R.T. 0.21 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

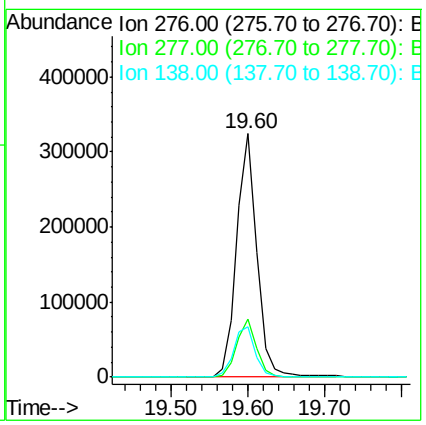
Tgt Ion:278 Resp: 593413

Ion	Ratio	Lower	Upper
278	100		
139	14.5	12.8	19.2
279	24.1	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 43.99 ng
RT: 19.60 min Scan# 1611
Delta R.T. 0.19 min
Lab File: BF079559.D
Acq: 29 May 2015 13:53

Tgt Ion:276 Resp: 593542

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	20.6	20.1	30.1