Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085578.D
Acq On : 19 Mar 2016 17:41
Operator : UM/SJ
Sample : H1788-01MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Quant Time: Mar 21 00:00:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	67489	20.00 ng		0.00
21) Naphthalene-d8	8.14	136	280812	20.00 ng		0.00
38) Acenaphthene-d10	9.89	164	118389	20.00 ng		-0.01
63) Phenanthrene-d10	11.37	188	233122	20.00 ng		-0.01
75) Chrysene-d12	14.01	240	158020	20.00 ng		0.00
86) Perylene-d12	15.43	264	116055	20.00 ng		-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	953690	237.35 ng		0.01
7) Phenol-d6	6.49	99	1137154	220.66 ng		0.00
23) Nitrobenzene-d5	7.42	82	689249	142.47 ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	308707	266.20 ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1127100	-20.00 ng		-0.01
78) Terphenyl-d14	12.96	244	1159069	176.51 ng		0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.53	88	134064	68.64 ng		98
3) Pyridine	3.25	79	355770	74.18 ng		99
4) n-Nitrosodimethylamine	3.20	42	159027	79.43 ng		97
6) Aniline	6.52	93	379131	54.78 ng		98
8) 2-Chlorophenol	6.64	128	375193	80.72 ng		97
9) Benzaldehyde	6.40	77	73677	28.04 ng		92
10) Phenol	6.50	94	507775	86.51 ng		100
11) bis(2-Chloroethyl)ether	6.60	93	363287	82.10 ng		95
12) 1,3-Dichlorobenzene	7.03	146	348792	68.86 ng		99
13) 1,4-Dichlorobenzene	6.87	146	386612	74.83 ng		98
14) 1,2-Dichlorobenzene	7.03	146	349154	76.11 ng		95
15) Benzyl Alcohol	7.00	79	279527	79.19 ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	429613	73.83 ng		99
17) 2-Methylphenol	7.11	107	295819	76.77 ng		99
18) Hexachloroethane	7.36	117	139073	74.55 ng	#	81
19) n-Nitroso-di-n-propylamine	7.27	70	213435	69.34 ng		93
20) 3+4-Methylphenols	7.27	107	360092	80.69 ng		92
22) Acetophenone	7.27	105	462504	69.41 ng	#	95
24) Nitrobenzene	7.44	77	416607	78.67 ng		91
25) Isophorone	7.68	82	708122	73.11 ng		95
26) 2-Nitrophenol	7.76	139	196849	75.22 ng	#	86
27) 2,4-Dimethylphenol	7.80	122	328177	70.91 ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	398130	72.26 ng		98
29) 2,4-Dichlorophenol	8.00	162	301561	78.90 ng		95
30) 1,2,4-Trichlorobenzene	8.08	180	314774	73.53 ng		96
31) Naphthalene	8.16	128	1031319	72.76 ng		99
32) Benzoic acid	7.90	122	120972	31.26 ng		98
33) 4-Chloroaniline	8.21	127	191184	32.91 ng	#	94
34) Hexachlorobutadiene	8.28	225	154880	67.88 ng		98
35) Caprolactam	8.57	113	63625	48.38 ng		96
36) 4-Chloro-3-methylphenol	8.70	107	335707	75.21 ng		97
37) 2-Methylnaphthalene	8.85	142	662031	76.63 ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	263822	73.46 ng		98
40) Hexachlorocyclopentadiene	9.01	237	281016	173.62 ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085578.D
Acq On : 19 Mar 2016 17:41
Operator : UM/SJ
Sample : H1788-01MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Quant Time: Mar 21 00:00:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	209564	85.25	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	216245	86.44	ng		99
45) 1,1'-Biphenyl	9.32	154	740775	72.53	ng		98
46) 2-Chloronaphthalene	9.34	162	564926	75.73	ng		93
47) 2-Nitroaniline	9.44	65	194913	86.37	ng	#	75
48) Acenaphthylene	9.75	152	973419	80.63	ng		99
49) Dimethylphthalate	9.62	163	933684	104.51	ng		99
50) 2,6-Dinitrotoluene	9.68	165	167060	88.58	ng	#	84
51) Acenaphthene	9.92	154	660837	87.22	ng		99
52) 3-Nitroaniline	9.85	138	131574	55.70	ng	#	75
53) 2,4-Dinitrophenol	9.96	184	148868	128.85	ng		87
54) Dibenzofuran	10.10	168	848214	91.94	ng		96
55) 4-Nitrophenol	10.01	139	239424	131.15	ng		93
56) 2,4-Dinitrotoluene	10.08	165	190874	77.30	ng	#	55
57) Fluorene	10.45	166	604907	78.67	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	167844	93.18	ng		98
59) Diethylphthalate	10.32	149	728399	82.01	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	310634	82.73	ng		89
61) 4-Nitroaniline	10.47	138	182073	78.20	ng		89
62) Azobenzene	10.60	77	768039	90.11	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	115645	77.52	ng	#	73
65) n-Nitrosodiphenylamine	10.55	169	535982	73.81	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	186667	80.15	ng	#	85
67) Hexachlorobenzene	10.98	284	184136	74.42	ng	#	71
68) Atrazine	11.09	200	188767	85.38	ng		93
69) Pentachlorophenol	11.18	266	204500	136.14	ng		99
70) Phenanthrene	11.40	178	941291	76.58	ng		99
71) Anthracene	11.45	178	992454	77.00	ng		99
72) Carbazole	11.60	167	862702	77.59	ng		99
73) Di-n-butylphthalate	11.95	149	1085569	77.97	ng	#	98
74) Fluoranthene	12.59	202	903088	70.17	ng		96
76) Benzidine	12.71	184	230691	43.41	ng		98
77) Pyrene	12.81	202	913310	80.50	ng		99
79) Butylbenzylphthalate	13.43	149	429972	79.50	ng	#	78
80) Benzo(a)anthracene	14.00	228	728856	79.45	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	145053	43.15	ng	#	95
82) Chrysene	14.04	228	678898	76.92	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	547428	81.47	ng	#	97
84) Di-n-octyl phthalate	14.60	149	906786	82.82	ng		99
85) Indeno(1,2,3-cd)pyrene	16.84	276	581241	78.81	ng		99
87) Benzo(b)fluoranthene	15.05	252	1159809	153.16	ng		100
88) Benzo(k)fluoranthene	15.05	252	1159809	185.90	ng	#	97
89) Benzo(a)pyrene	15.37	252	535667	83.44	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	486168	90.80	ng		100
91) Benzo(g,h,i)perylene	17.25	276	495029	95.52	ng		98

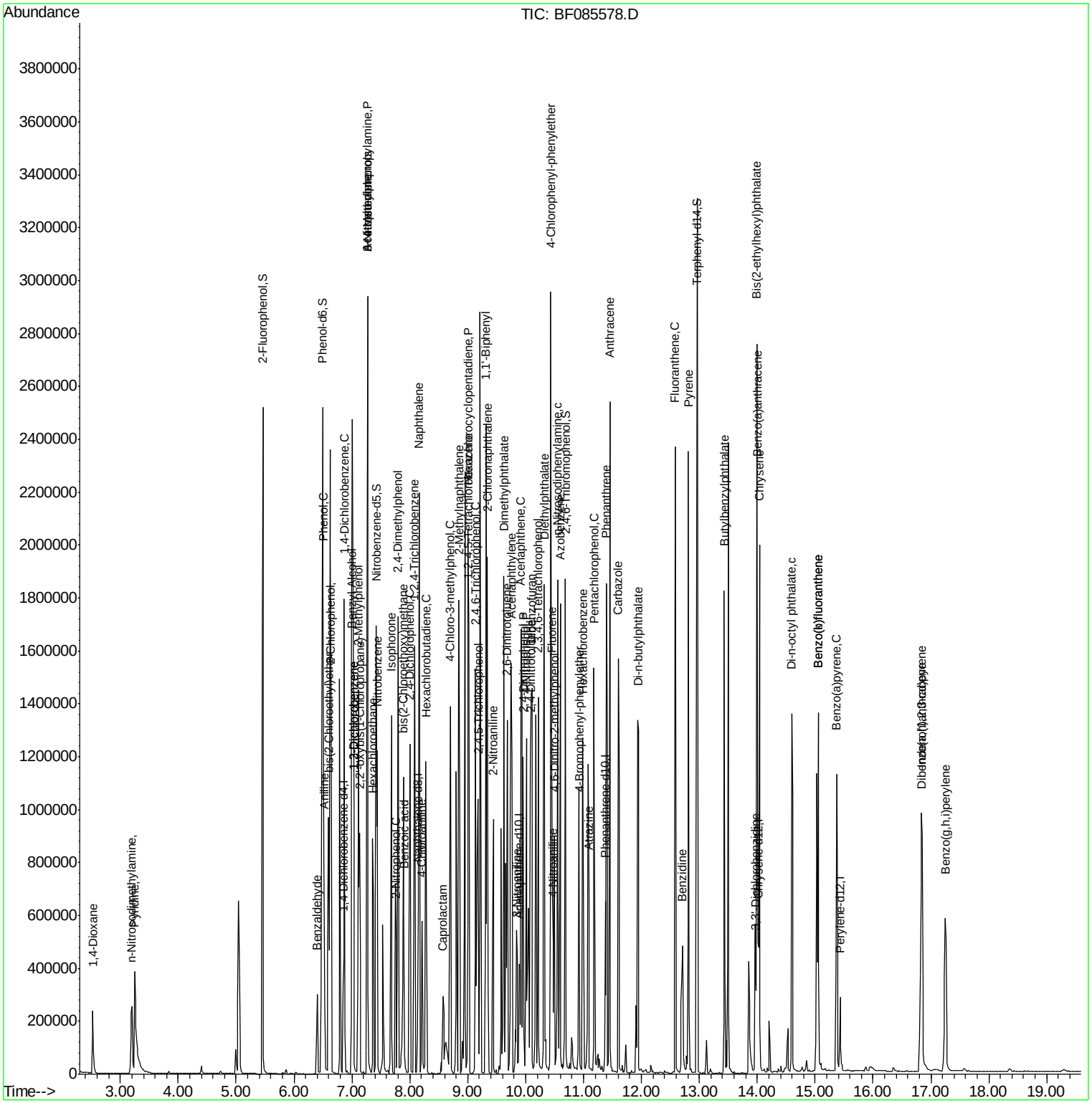
(#) = qualifier out of range (m) = manual integration (+) = signals summed

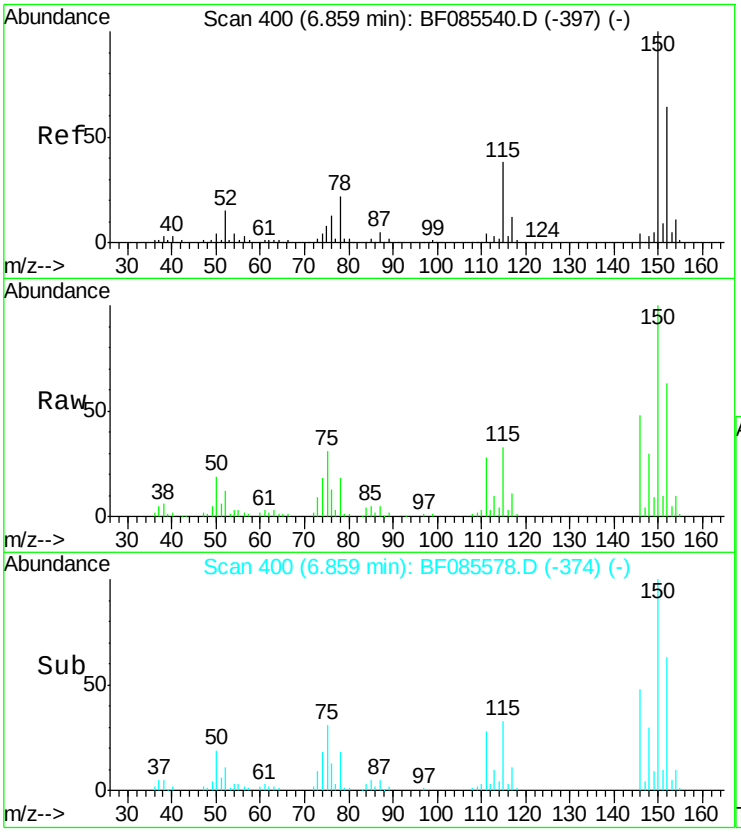
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085578.D
Acq On : 19 Mar 2016 17:41
Operator : UM/SJ
Sample : H1788-01MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Quant Time: Mar 21 00:00:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration



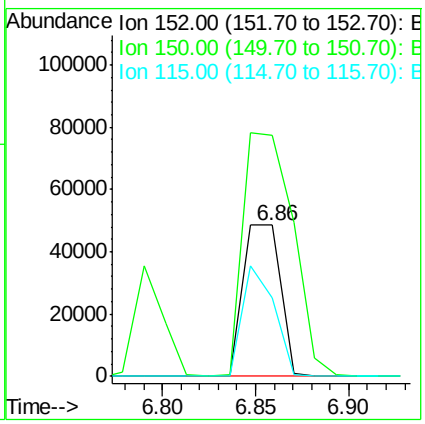


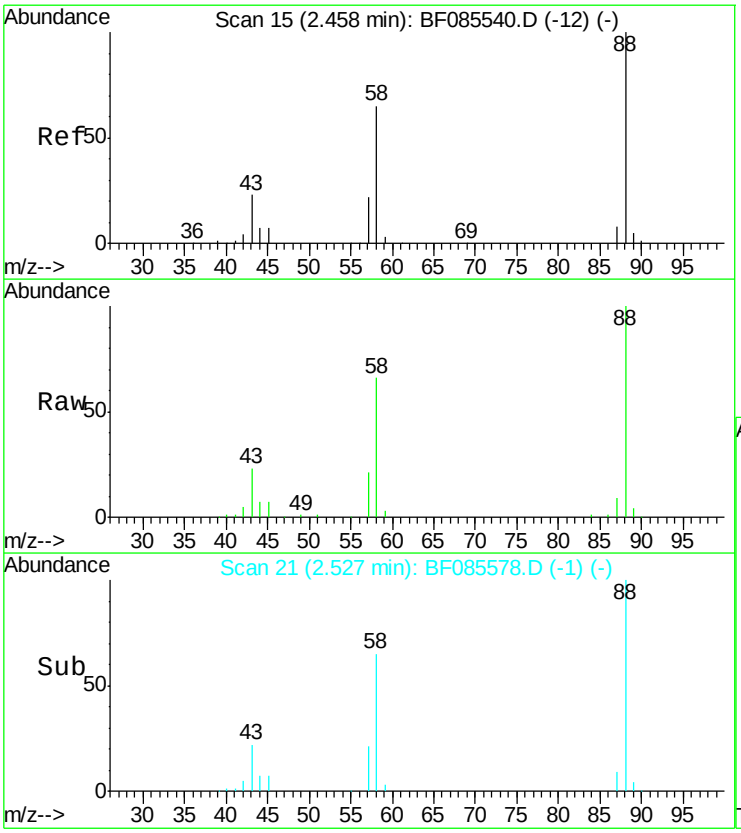
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:152 Resp: 67489

Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.2	186.2
115	51.9	47.0	70.6

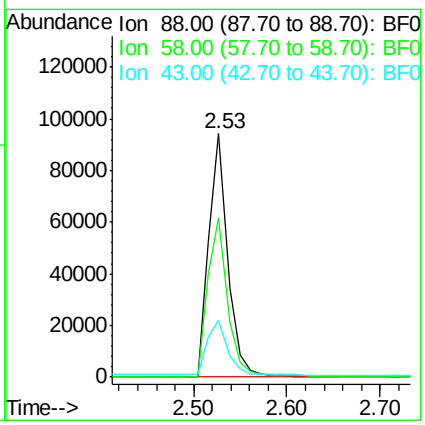


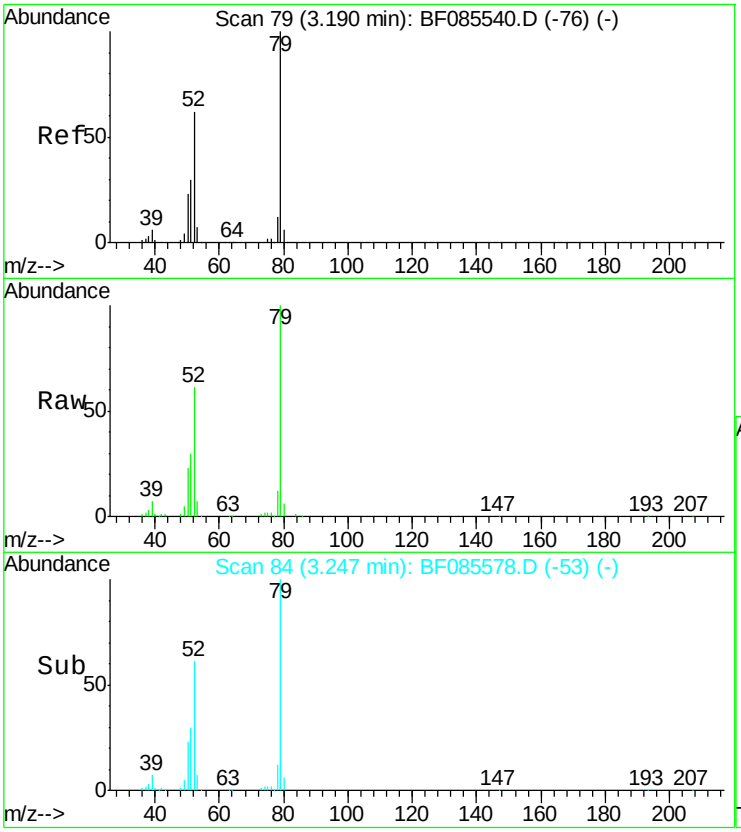


#2
1,4-Dioxane
Concen: 68.64 ng
RT: 2.53 min Scan# 21
Delta R.T. 0.07 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion: 88 Resp: 134064

Ion	Ratio	Lower	Upper
88	100		
58	69.0	54.2	81.2
43	24.9	19.3	28.9



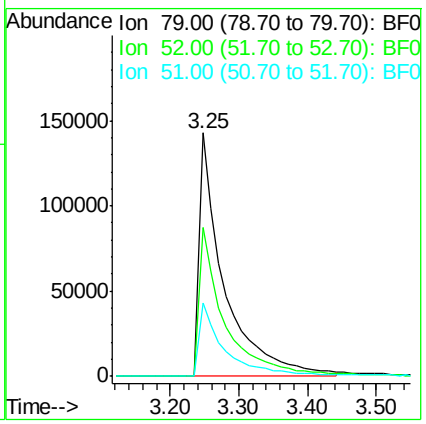


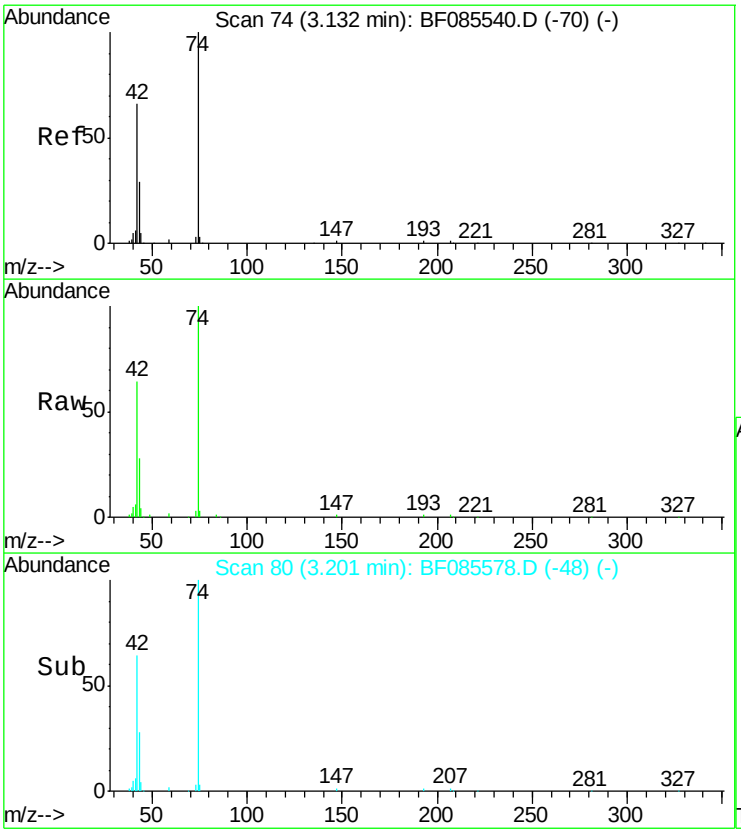
#3
Pyridine
Concen: 74.18 ng
RT: 3.25 min Scan# 84
Delta R.T. 0.06 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion: 79 Resp: 355770

Ion	Ratio	Lower	Upper
79	100		
52	61.4	49.8	74.6
51	30.0	24.7	37.1

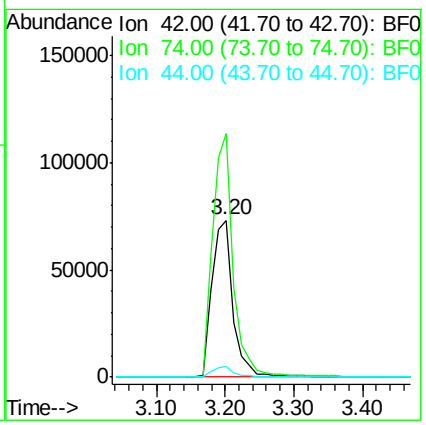


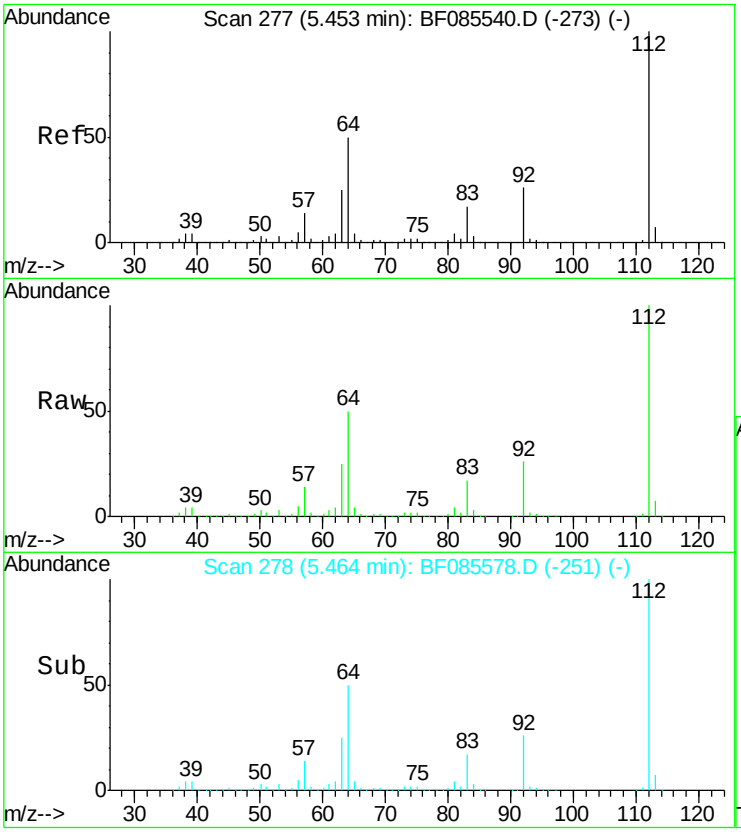


#4
n-Nitrosodimethylamine
Concen: 79.43 ng
RT: 3.20 min Scan# 80
Delta R.T. 0.07 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion: 42 Resp: 159027

Ion	Ratio	Lower	Upper
42	100		
74	155.2	121.4	182.2
44	7.0	5.6	8.4



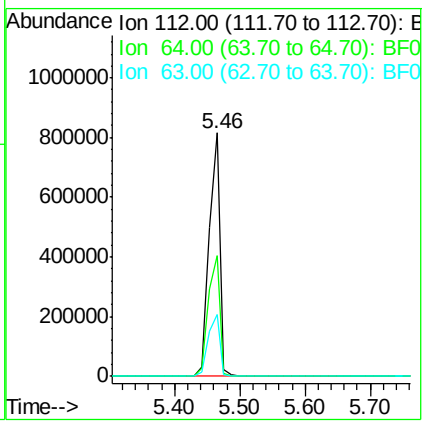


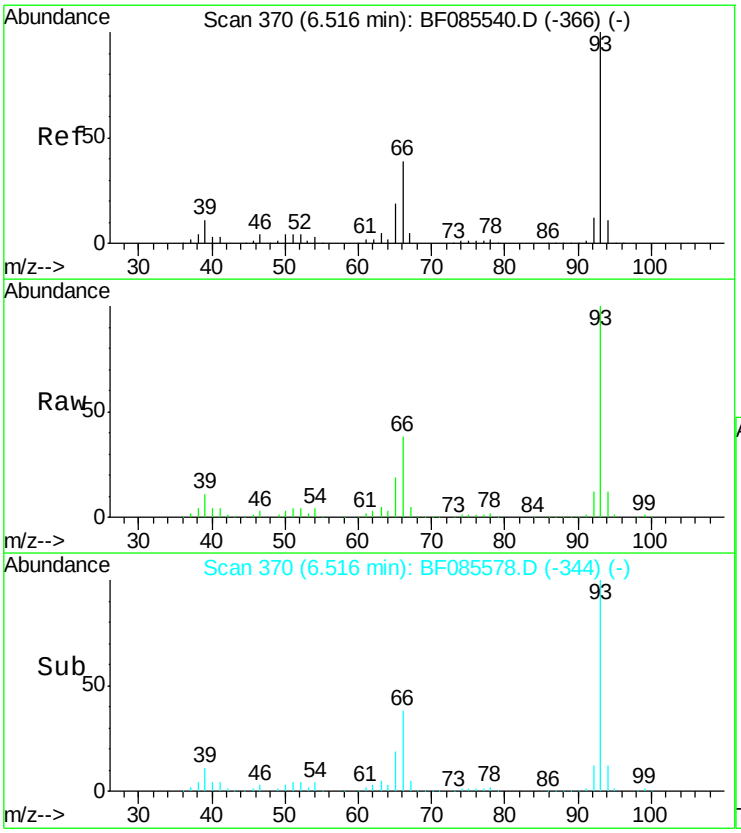
#5
2-Fluorophenol
Concen: 237.35 ng
RT: 5.46 min Scan# 278
Delta R.T. 0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:112 Resp: 953690

Ion	Ratio	Lower	Upper
112	100		
64	49.5	39.9	59.9
63	25.2	20.2	30.2

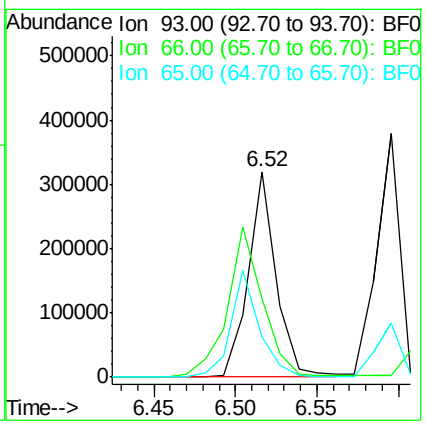


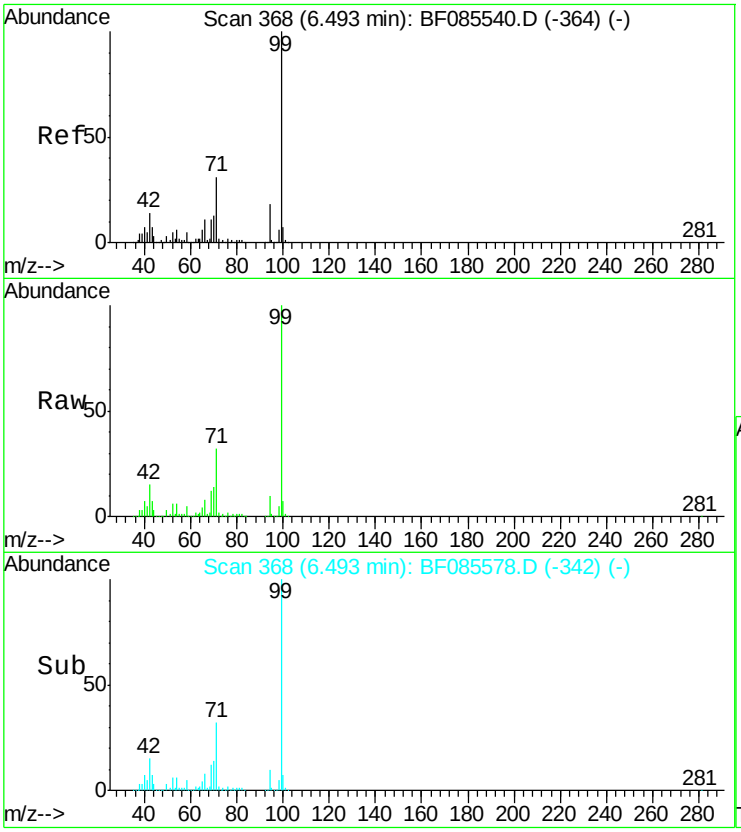


#6
Aniline
Concen: 54.78 ng
RT: 6.52 min Scan# 370
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion: 93 Resp: 379131

Ion	Ratio	Lower	Upper
93	100		
66	37.8	31.4	47.2
65	19.4	15.7	23.5



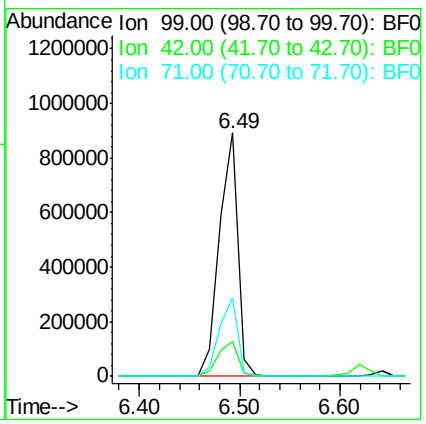


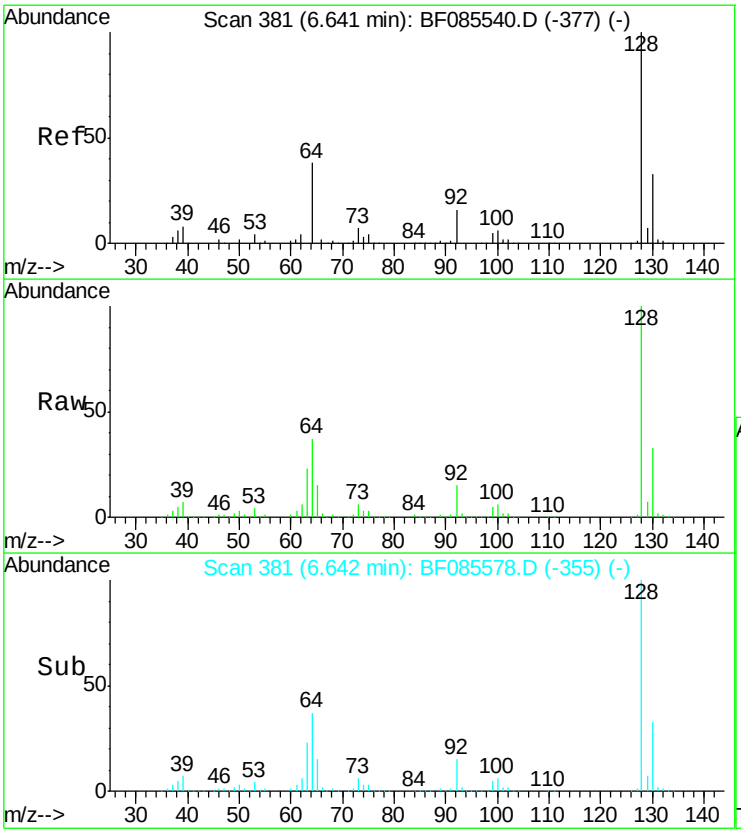
#7
Phenol-d6
Concen: 220.66 ng
RT: 6.49 min Scan# 368
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion: 99 Resp: 1137154

Ion	Ratio	Lower	Upper
99	100		
42	14.6	11.1	16.7
71	32.2	24.9	37.3

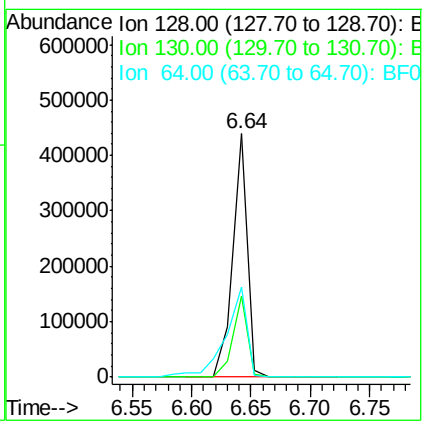


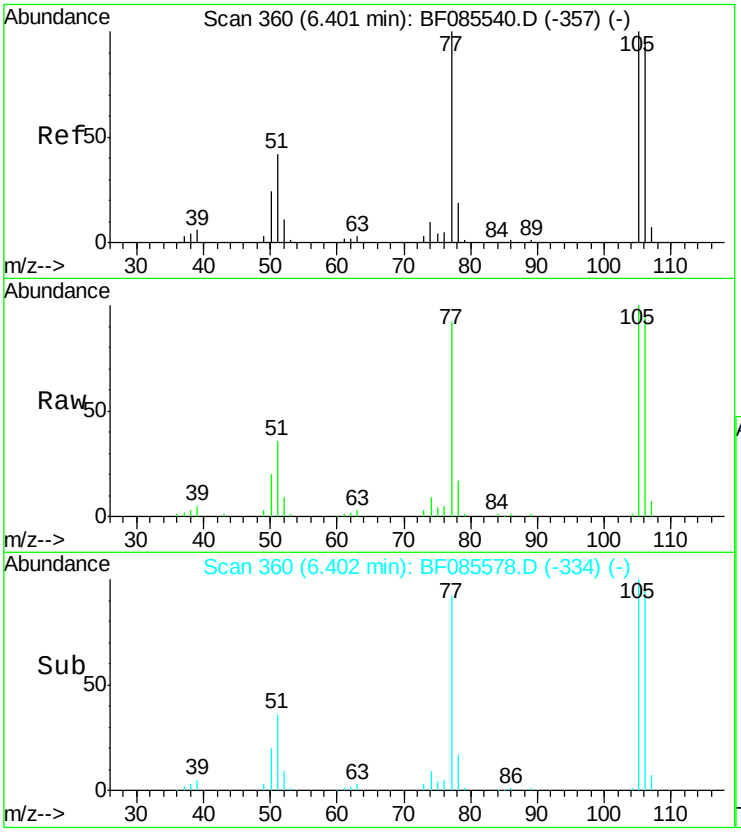


#8
2-Chlorophenol
Concen: 80.72 ng
RT: 6.64 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:128 Resp: 375193

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	36.9	20.2	60.2



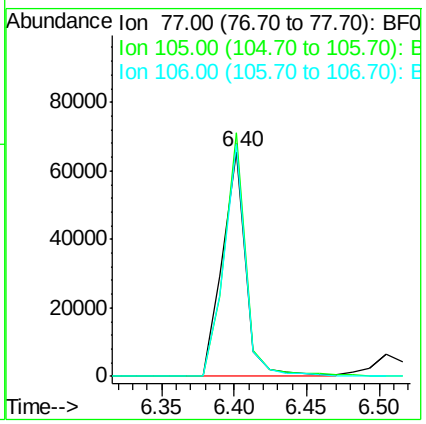


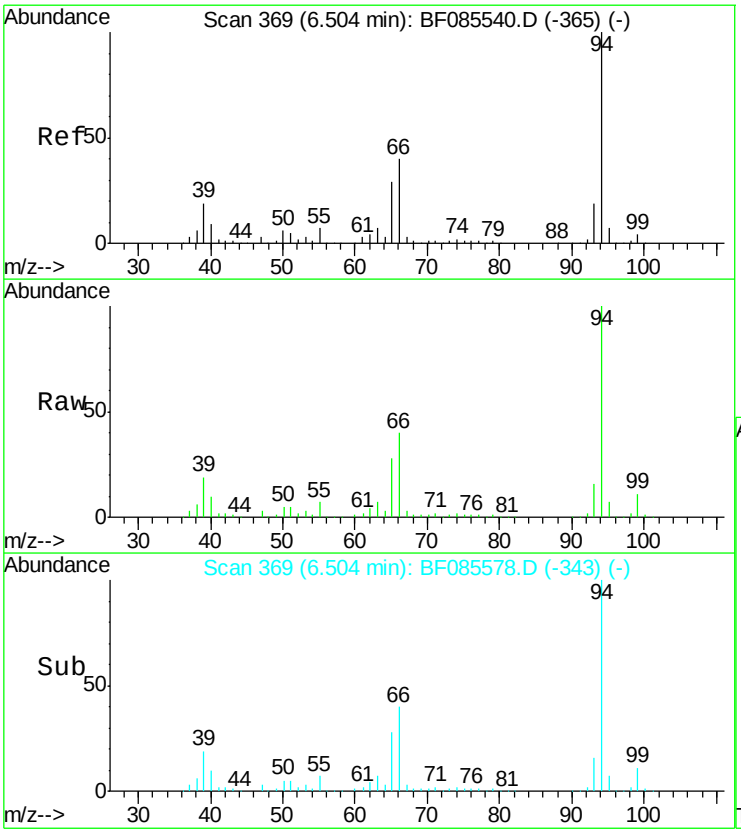
#9
Benzaldehyde
Concen: 28.04 ng
RT: 6.40 min Scan# 360
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion: 77 Resp: 73677

Ion	Ratio	Lower	Upper
77	100		
105	108.3	80.1	120.1
106	103.5	75.0	115.0

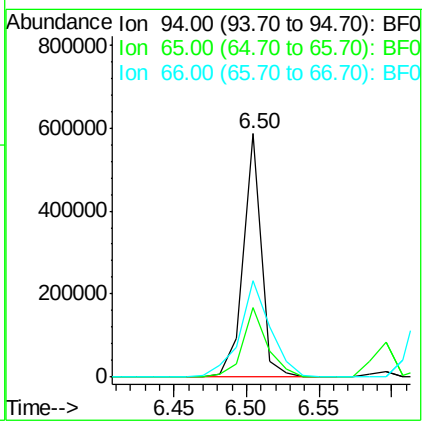


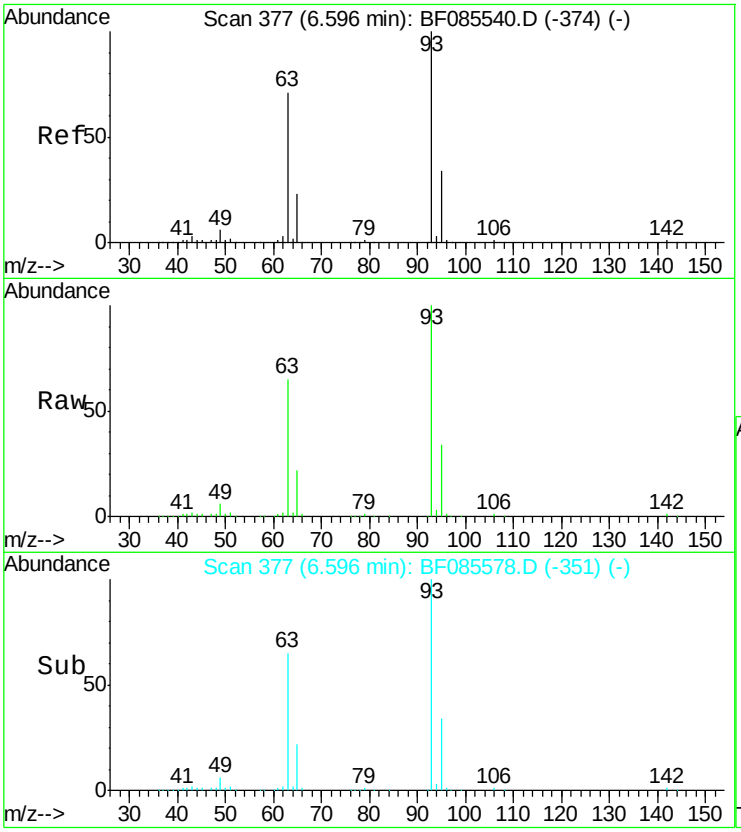


#10
Phenol
Concen: 86.51 ng
RT: 6.50 min Scan# 369
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion: 94 Resp: 507775

Ion	Ratio	Lower	Upper
94	100		
65	28.4	8.6	48.6
66	39.7	20.0	60.0



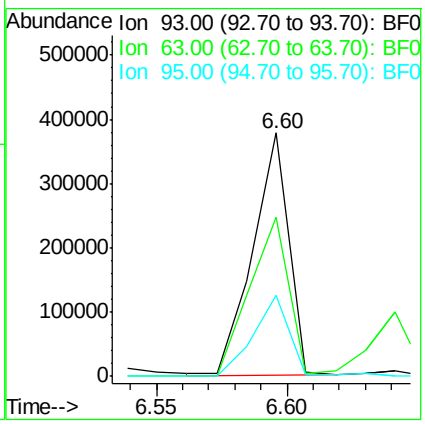


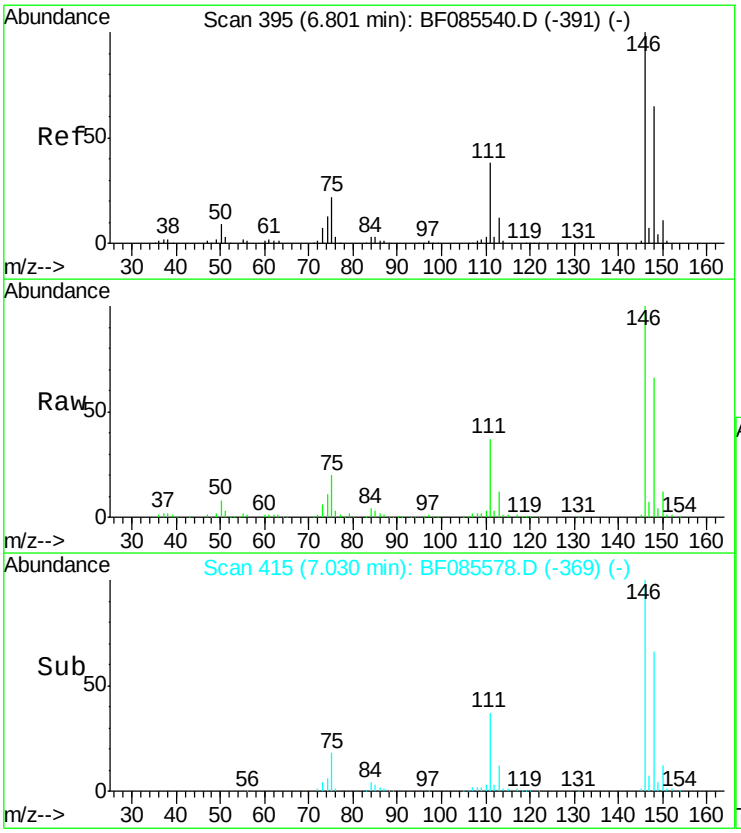
#11
bis(2-Chloroethyl)ether
Concen: 82.10 ng
RT: 6.60 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion: 93 Resp: 363287

Ion	Ratio	Lower	Upper
93	100		
63	65.4	50.9	90.9
95	33.6	13.3	53.3

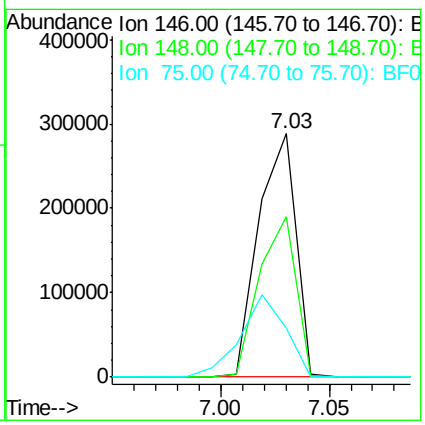


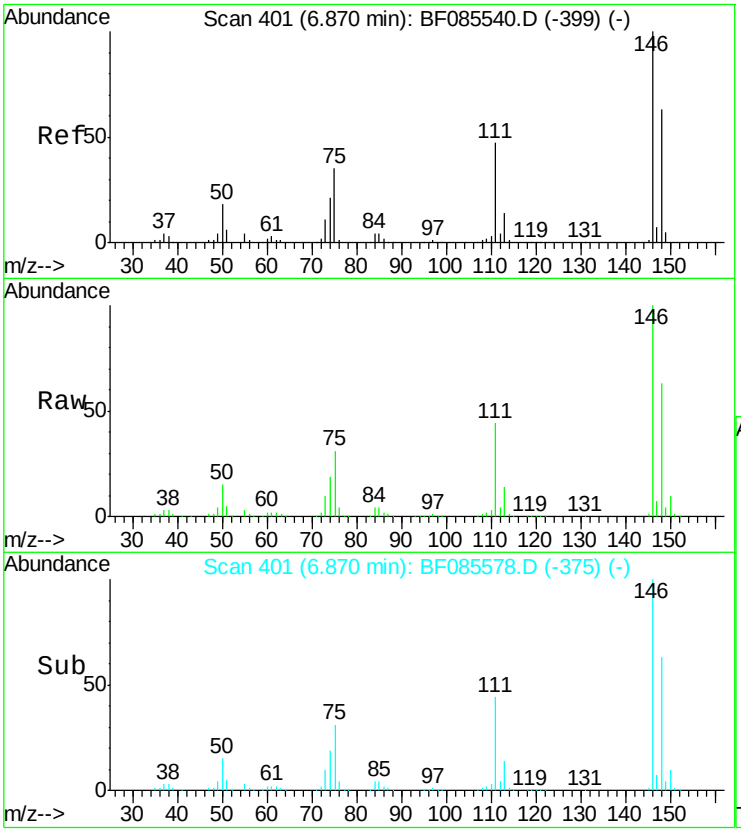


#12
1,3-Dichlorobenzene
Concen: 68.86 ng
RT: 7.03 min Scan# 415
Delta R.T. 0.23 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:146 Resp: 348792

Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.3	78.5
75	20.2	17.4	26.2



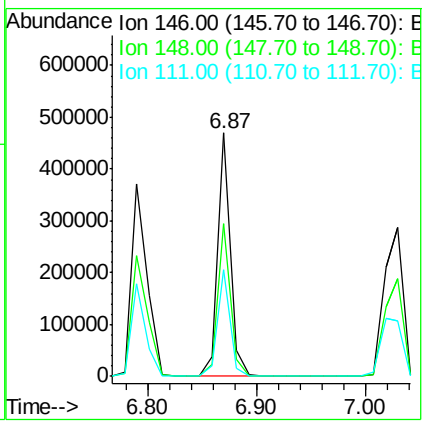


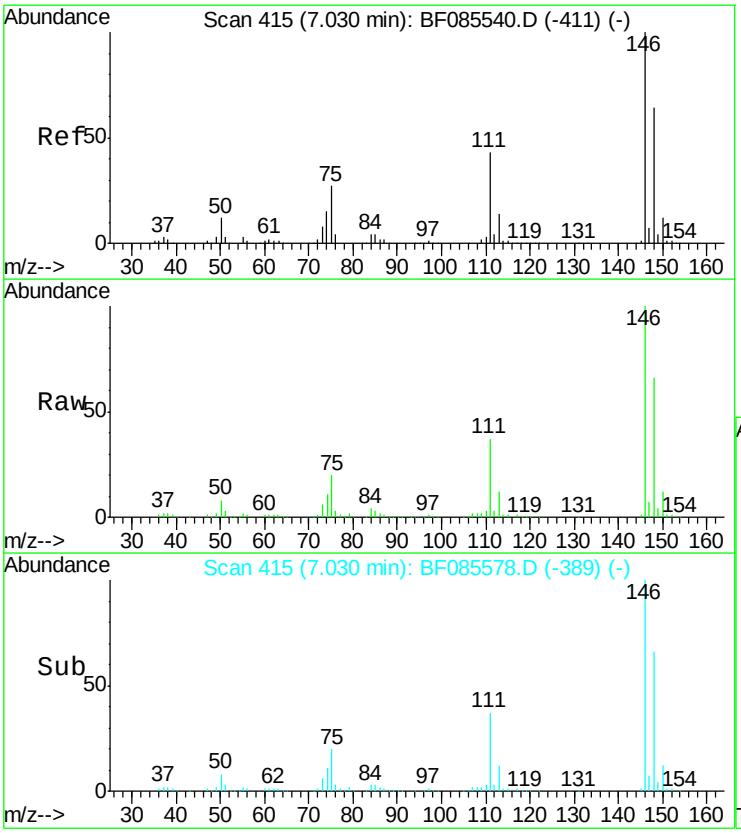
#13
1,4-Dichlorobenzene
Concen: 74.83 ng
RT: 6.87 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:146 Resp: 386612

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	76.0
111	43.9	37.8	56.6

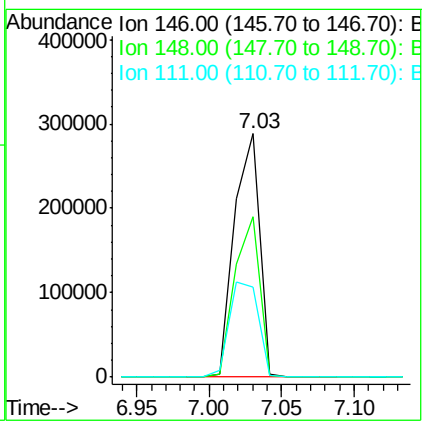


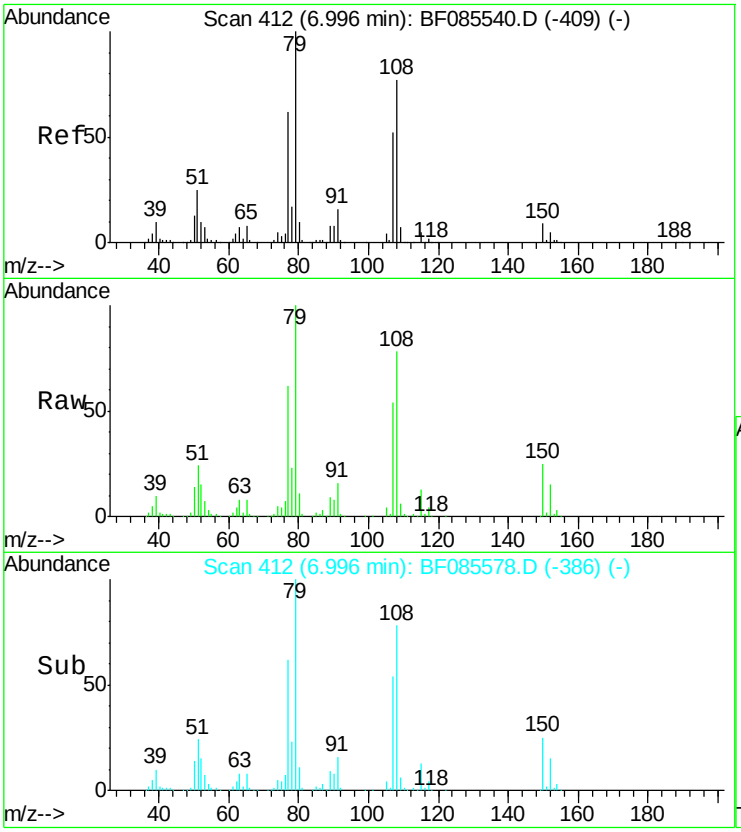


#14
1,2-Dichlorobenzene
Concen: 76.11 ng
RT: 7.03 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:146 Resp: 349154

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.2
111	36.8	34.6	52.0



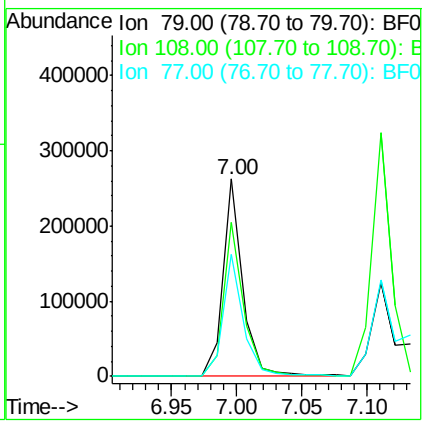


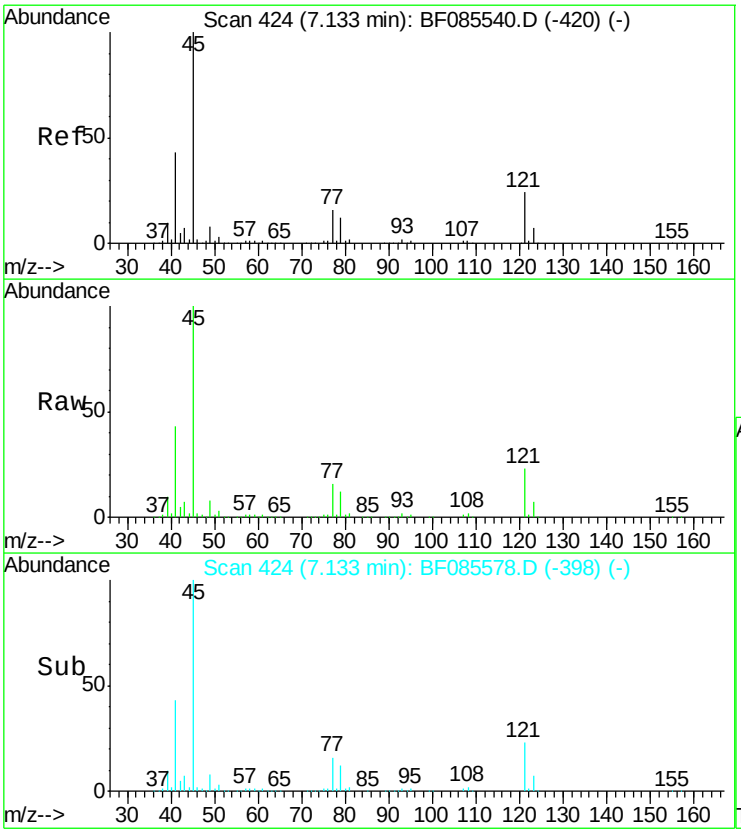
#15
Benzyl Alcohol
Concen: 79.19 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion: 79 Resp: 279527

Ion	Ratio	Lower	Upper
79	100		
108	78.1	61.8	92.6
77	61.9	49.6	74.4

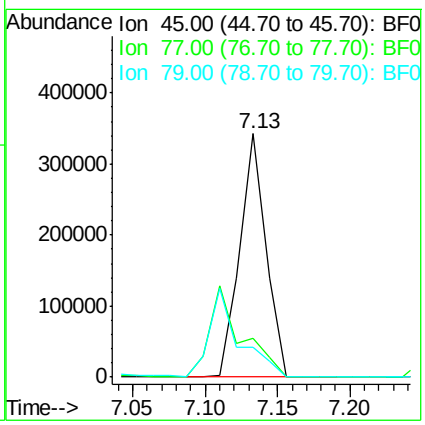


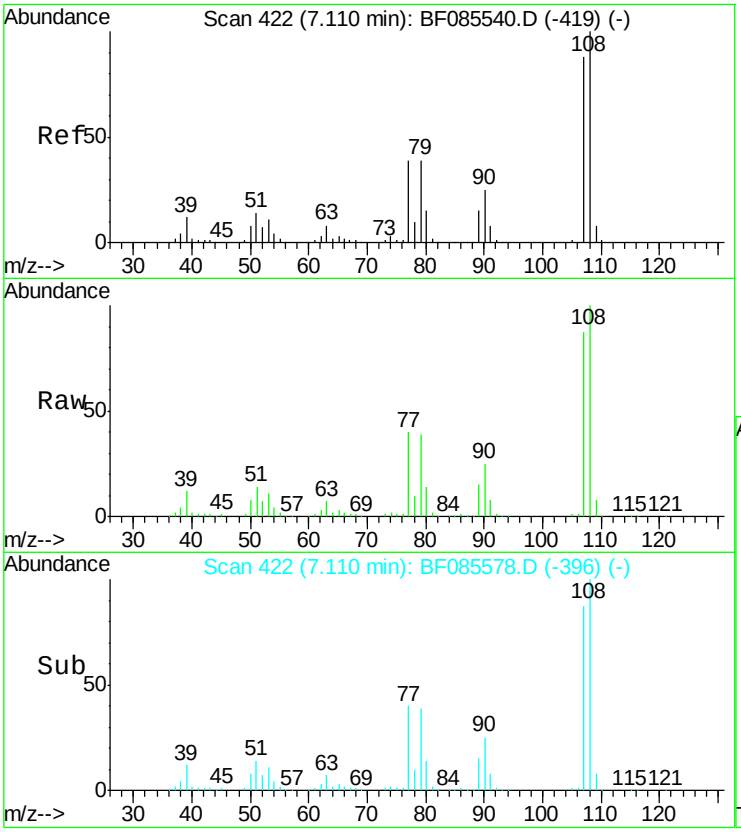


#16
2,2'-oxybis(1-Chloropropane)
Concen: 73.83 ng
RT: 7.13 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion: 45 Resp: 429613

Ion	Ratio	Lower	Upper
45	100		
77	16.2	0.0	35.7
79	12.4	0.0	32.2



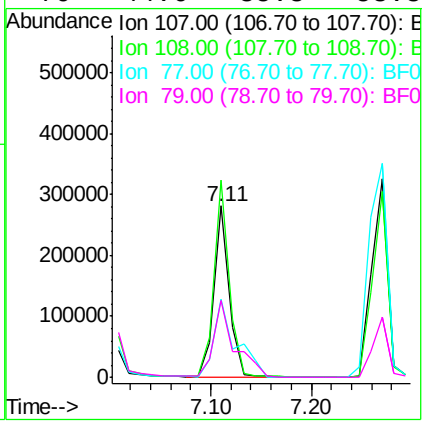


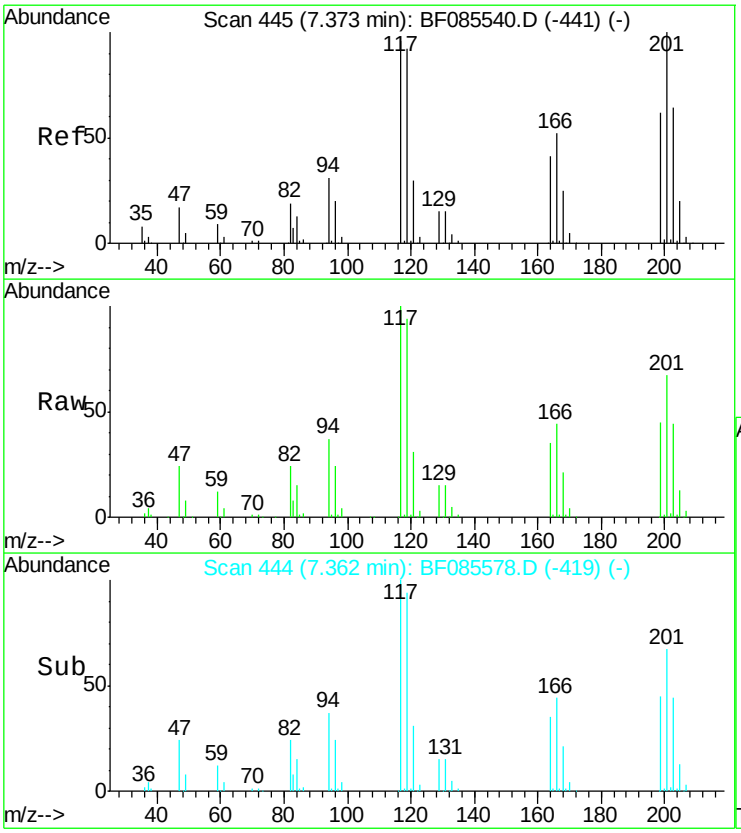
#17
2-Methylphenol
Concen: 76.77 ng
RT: 7.11 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:107 Resp: 295819

Ion	Ratio	Lower	Upper
107	100		
108	115.2	91.4	137.0
77	45.5	36.2	54.2
79	44.6	35.8	53.8

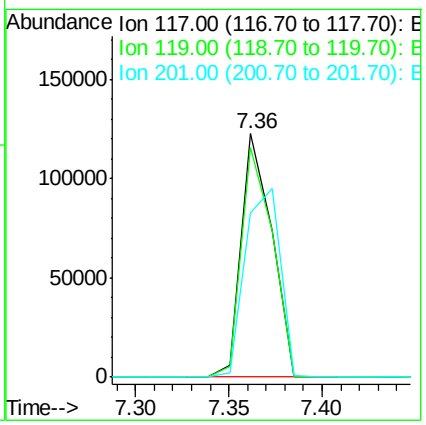


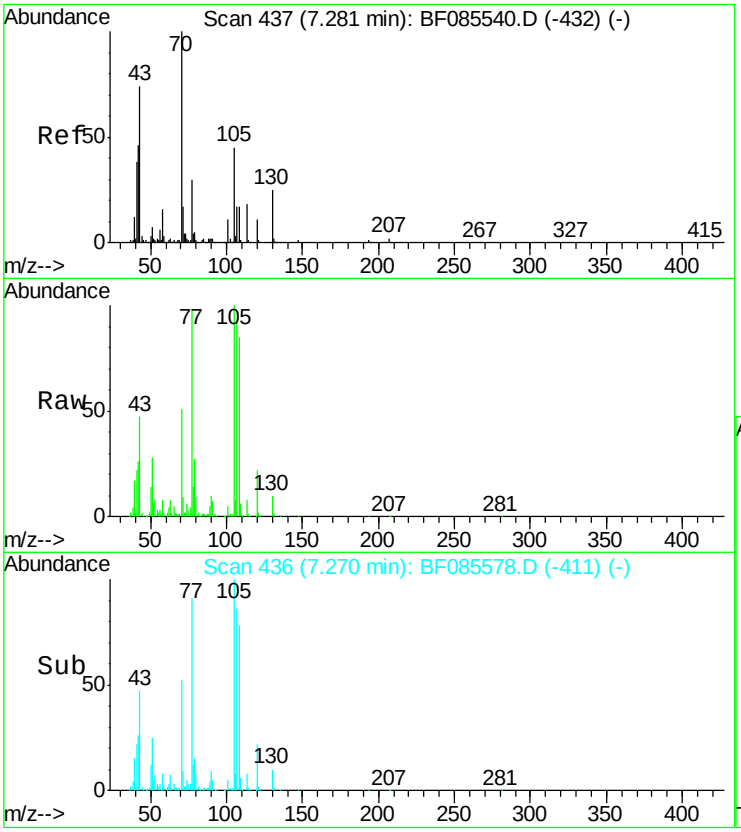


#18
Hexachloroethane
Concen: 74.55 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:117 Resp: 139073

Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.7	115.1
201	67.5	83.3	124.9#



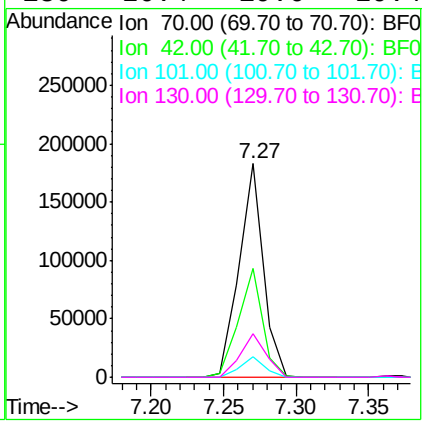


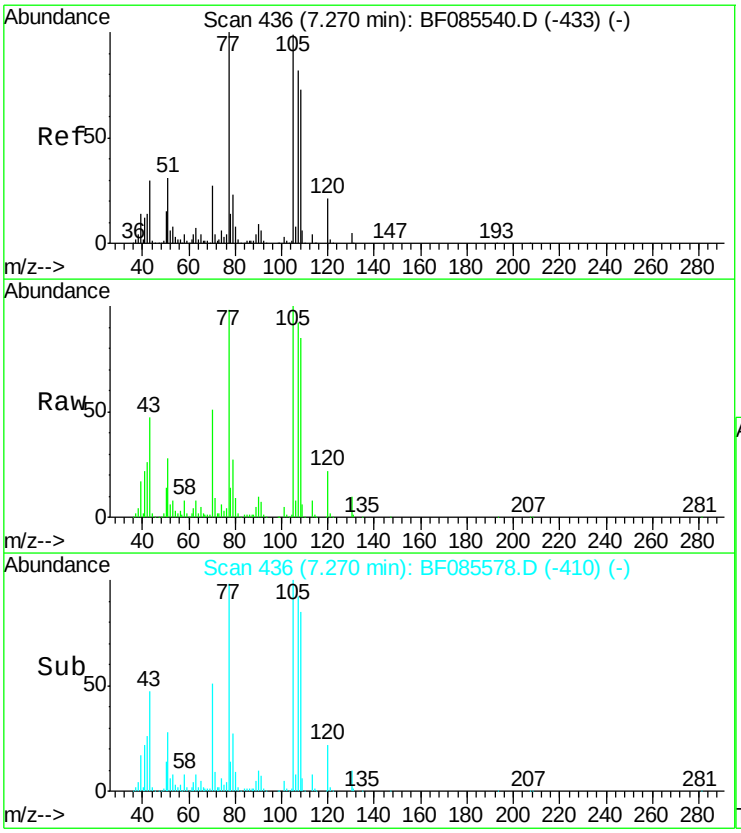
#19
n-Nitroso-di-n-propylamine
Concen: 69.34 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion: 70 Resp: 213435

Ion	Ratio	Lower	Upper
70	100		
42	50.9	37.1	55.7
101	9.7	8.6	12.8
130	20.4	19.6	29.4

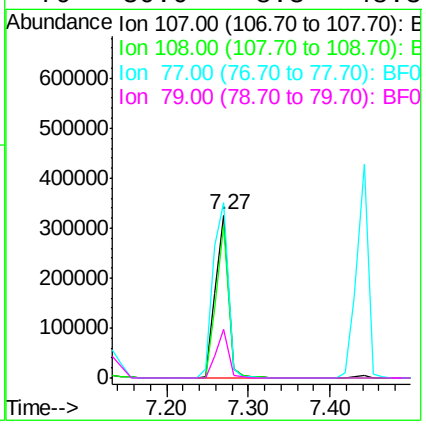


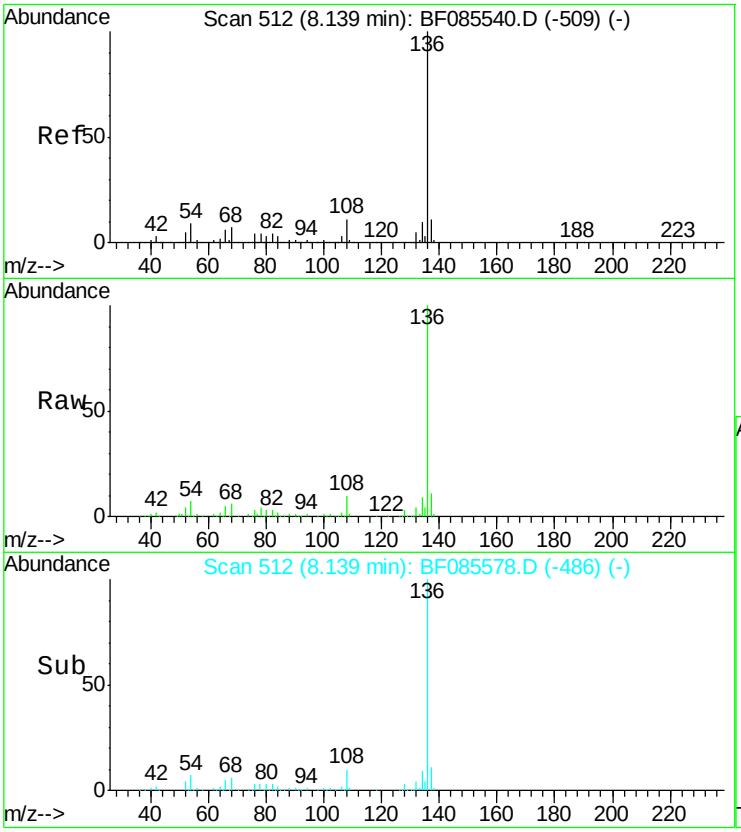


#20
3+4-Methylphenols
Concen: 80.69 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:107 Resp: 360092

Ion	Ratio	Lower	Upper
107	100		
108	93.1	69.3	109.3
77	107.5	101.7	141.7
79	30.0	8.3	48.3



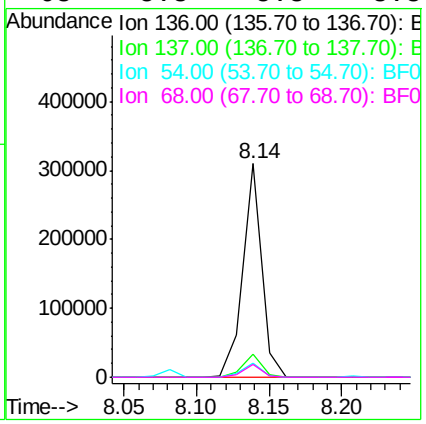


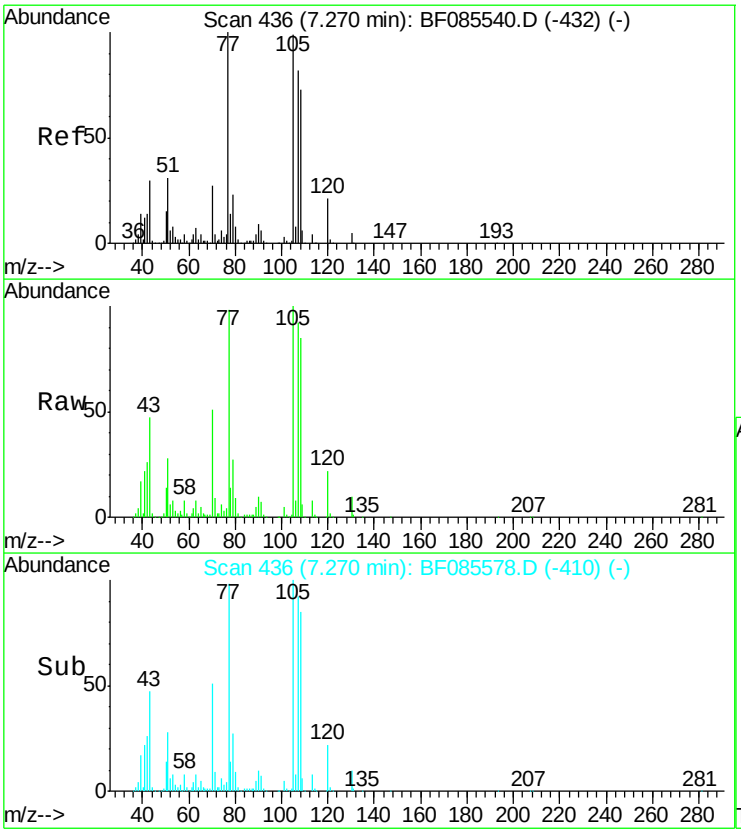
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:136 Resp: 280812

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.9	7.4	11.0#
68	5.8	5.8	8.8

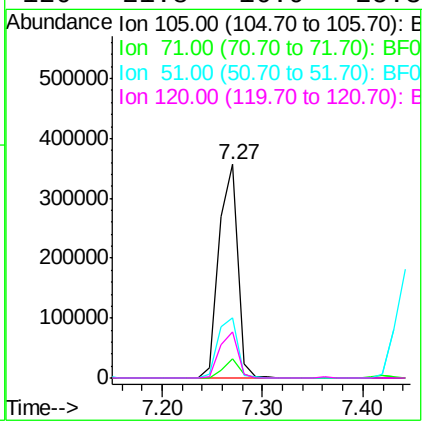


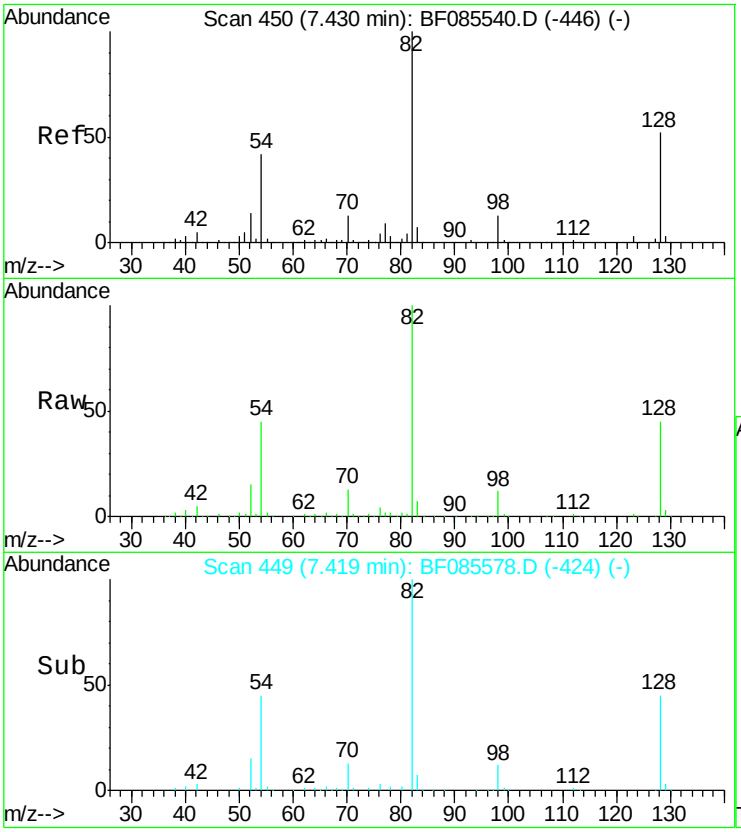


#22
Acetophenone
Concen: 69.41 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:105 Resp: 462504

Ion	Ratio	Lower	Upper
105	100		
71	8.7	3.6	5.4#
51	28.3	25.4	38.0
120	21.8	16.9	25.3



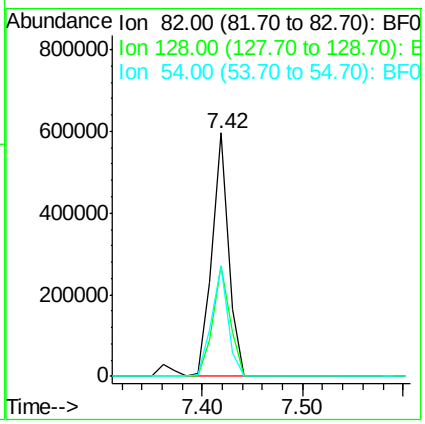


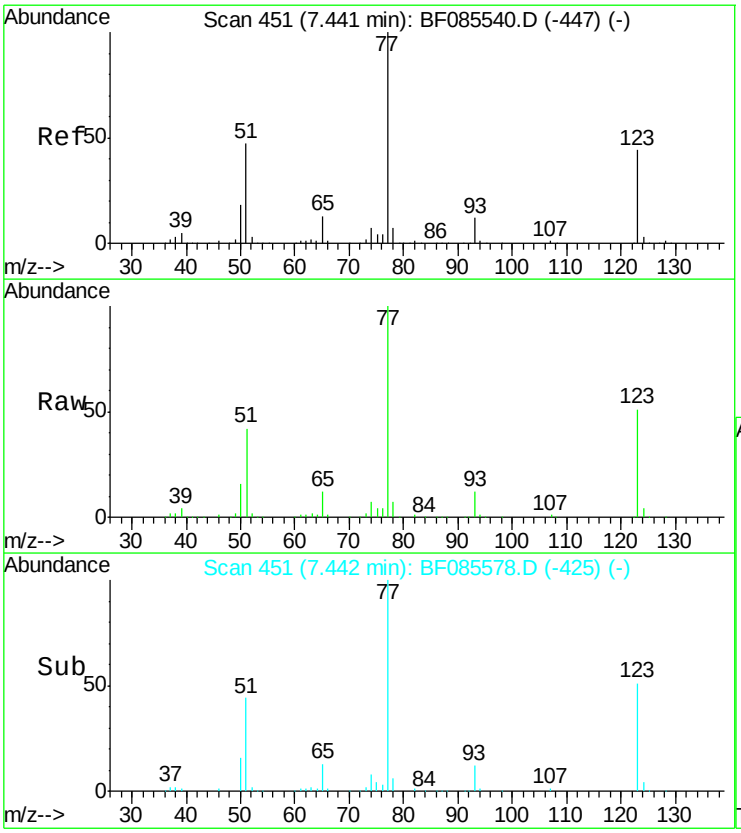
#23
Nitrobenzene-d5
Concen: 142.47 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion: 82 Resp: 689249

Ion	Ratio	Lower	Upper
82	100		
128	45.4	41.8	62.8
54	45.3	33.4	50.0

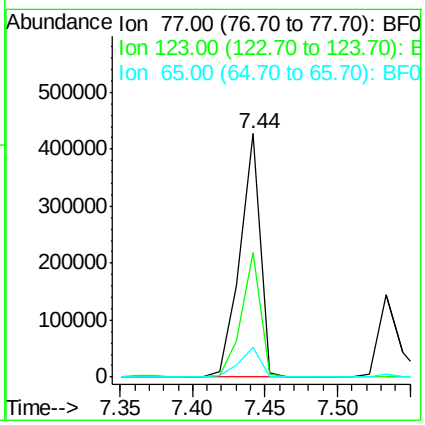


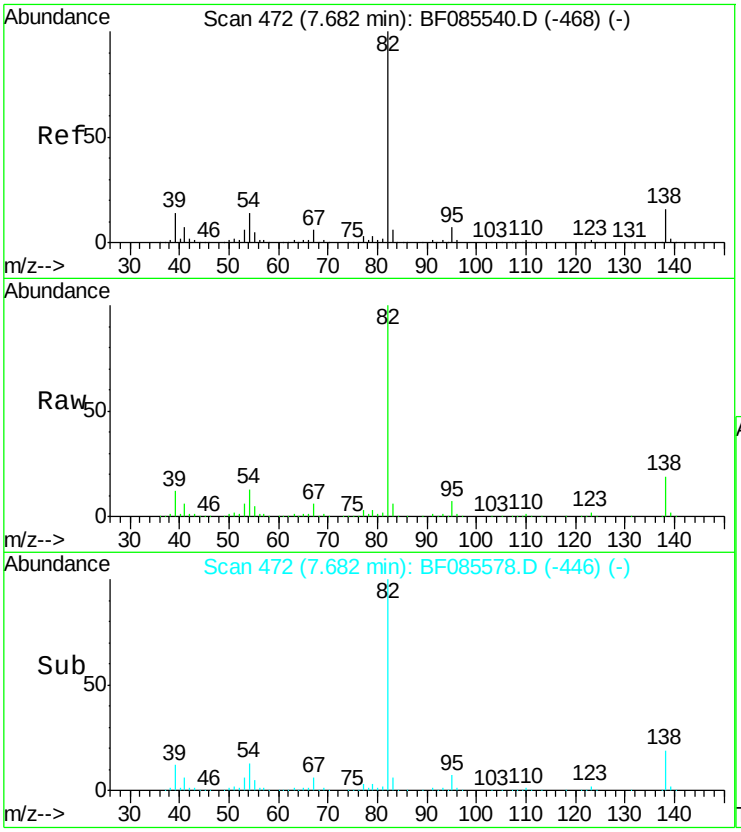


#24
Nitrobenzene
Concen: 78.67 ng
RT: 7.44 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion: 77 Resp: 416607

Ion	Ratio	Lower	Upper
77	100		
123	51.2	35.0	52.4
65	12.5	10.6	16.0



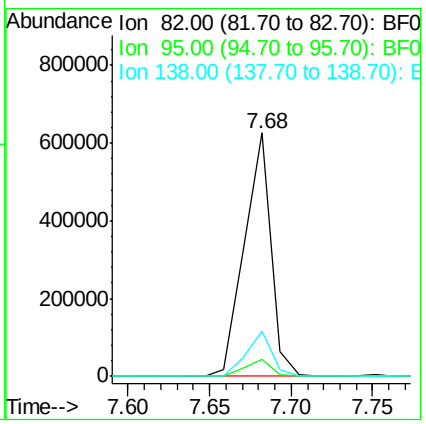


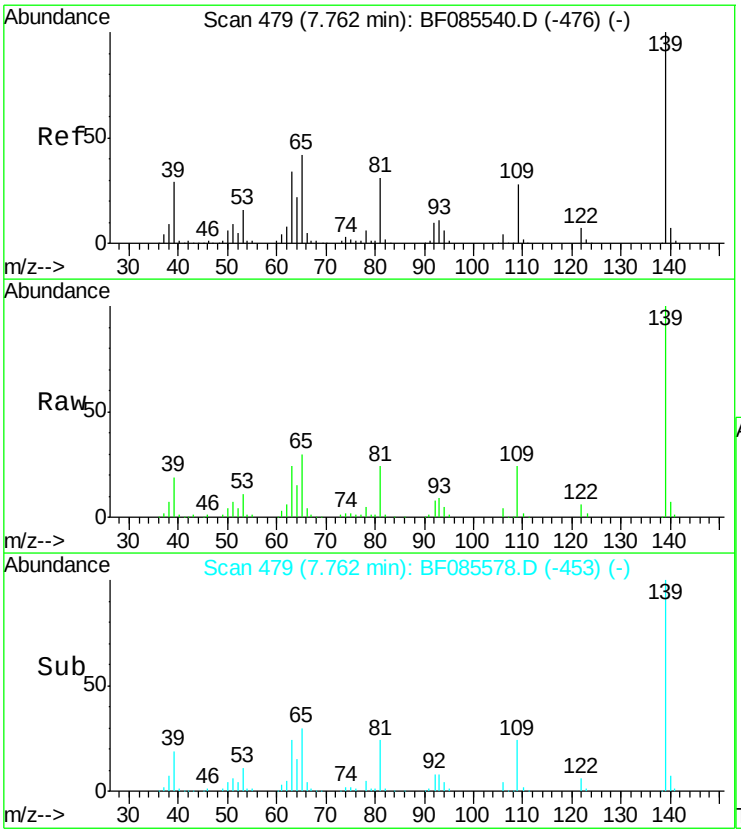
#25
Isophorone
Concen: 73.11 ng
RT: 7.68 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion: 82 Resp: 708122

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.2
138	18.8	12.9	19.3

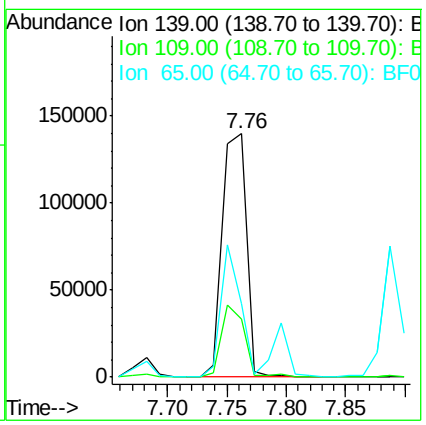


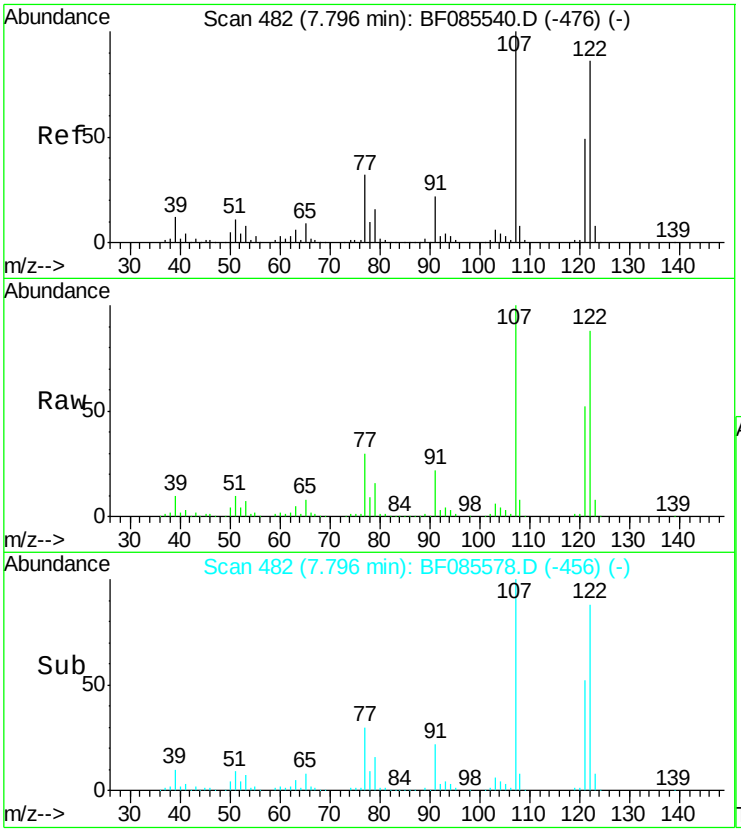


#26
2-Nitrophenol
Concen: 75.22 ng
RT: 7.76 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:139 Resp: 196849

Ion	Ratio	Lower	Upper
139	100		
109	23.9	22.1	33.1
65	30.2	33.9	50.9#



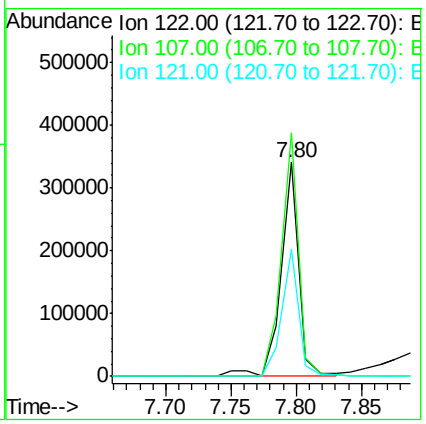


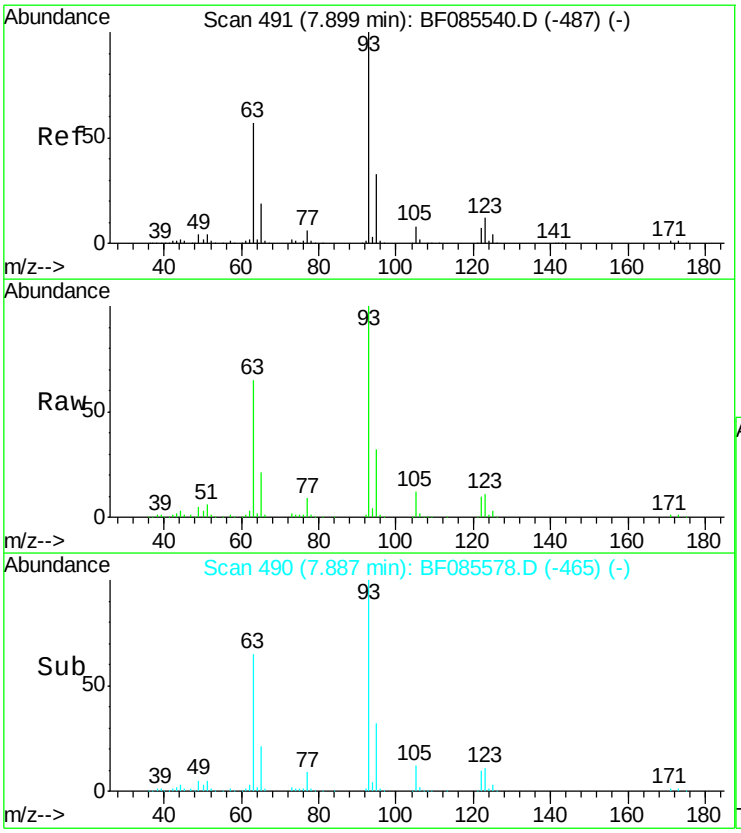
#27
2,4-Dimethylphenol
Concen: 70.91 ng
RT: 7.80 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:122 Resp: 328177

Ion	Ratio	Lower	Upper
122	100		
107	113.9	93.0	139.6
121	59.5	45.9	68.9

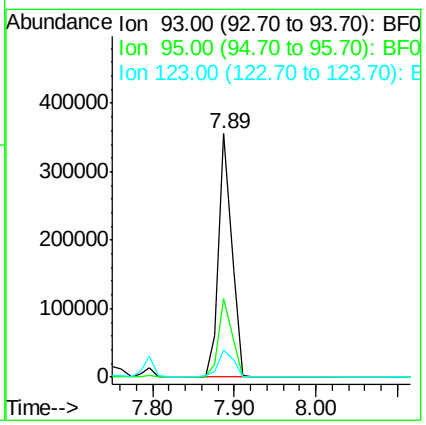


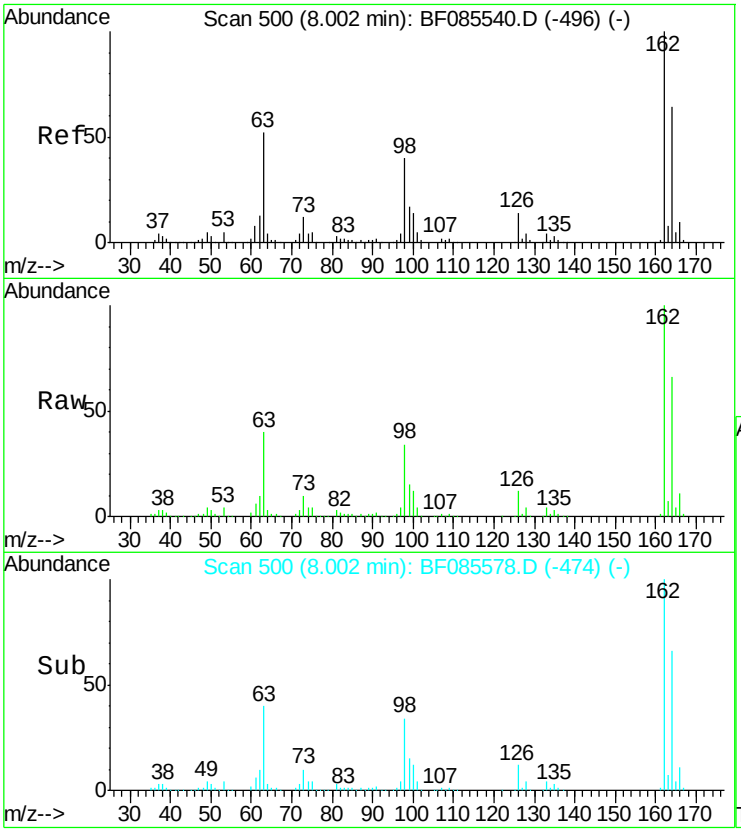


#28
bis(2-Chloroethoxy)methane
Concen: 72.26 ng
RT: 7.89 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion: 93 Resp: 398130

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	11.0	9.8	14.6



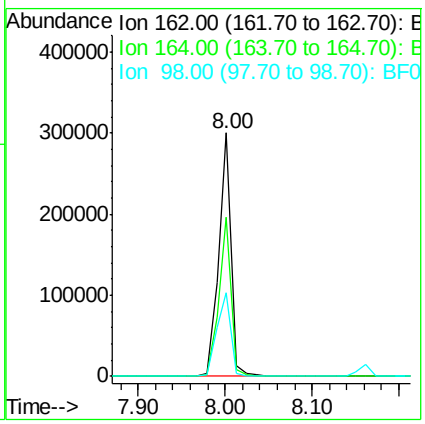


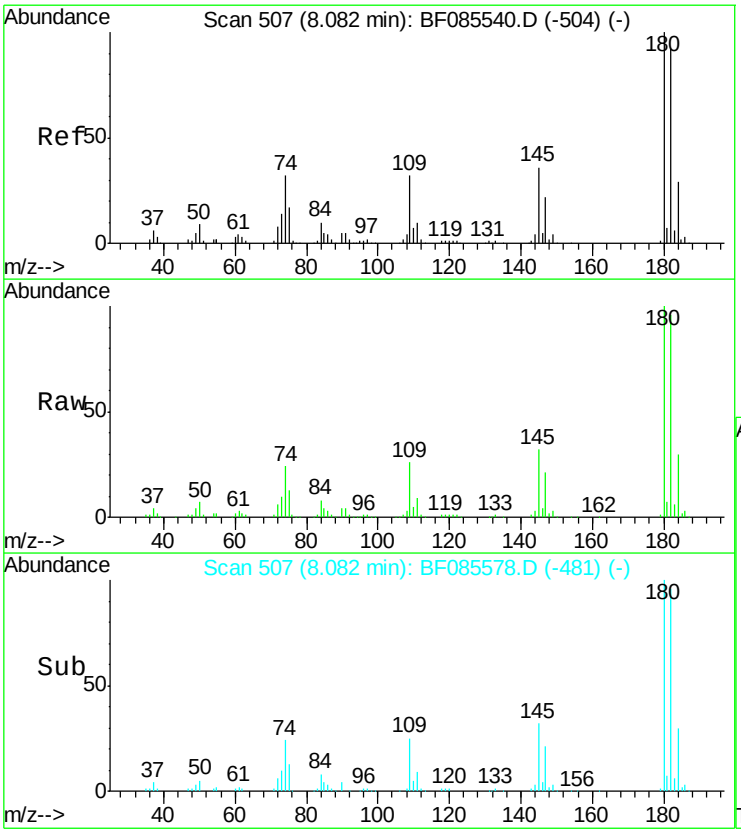
#29
2,4-Dichlorophenol
Concen: 78.90 ng
RT: 8.00 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:162 Resp: 301561

Ion	Ratio	Lower	Upper
162	100		
164	65.6	43.7	83.7
98	34.4	20.4	60.4

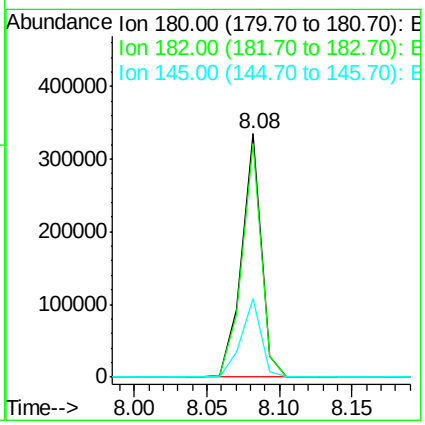


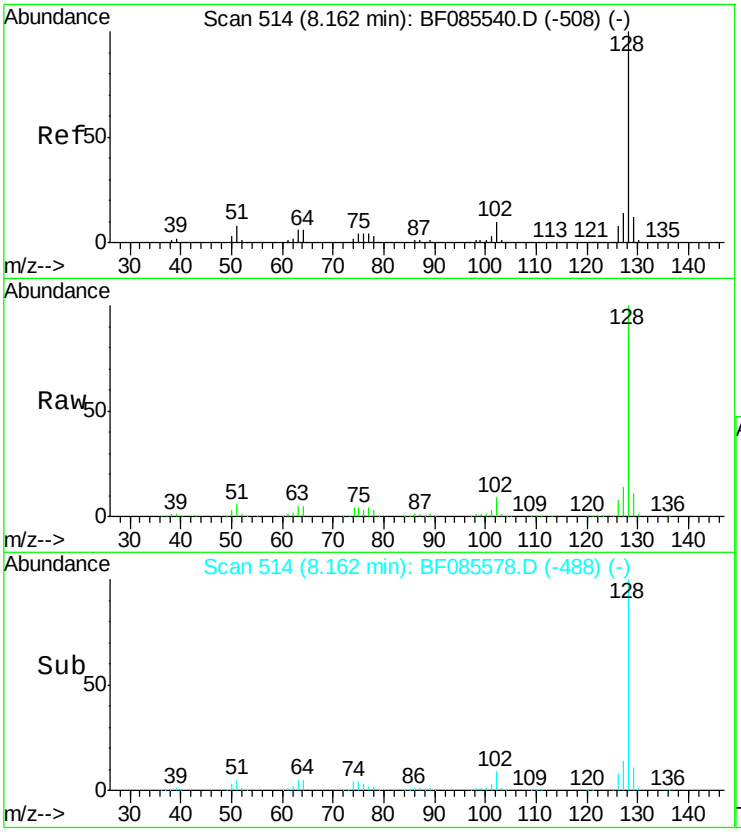


#30
1,2,4-Trichlorobenzene
Concen: 73.53 ng
RT: 8.08 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:180 Resp: 314774

Ion	Ratio	Lower	Upper
180	100		
182	96.0	73.8	110.8
145	32.5	28.4	42.6



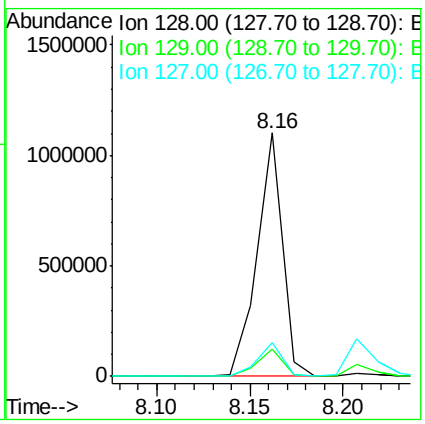


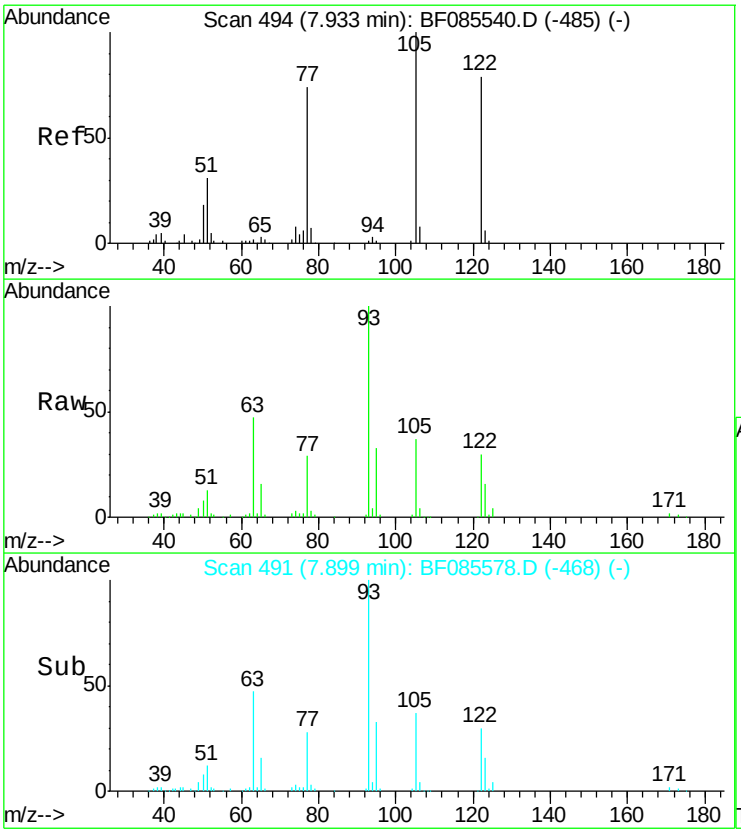
#31
Naphthalene
Concen: 72.76 ng
RT: 8.16 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:128 Resp: 1031319

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.6	11.0	16.6

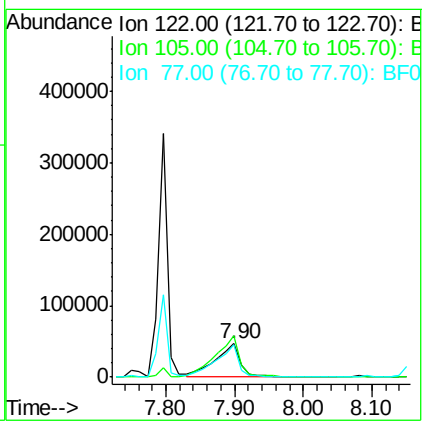


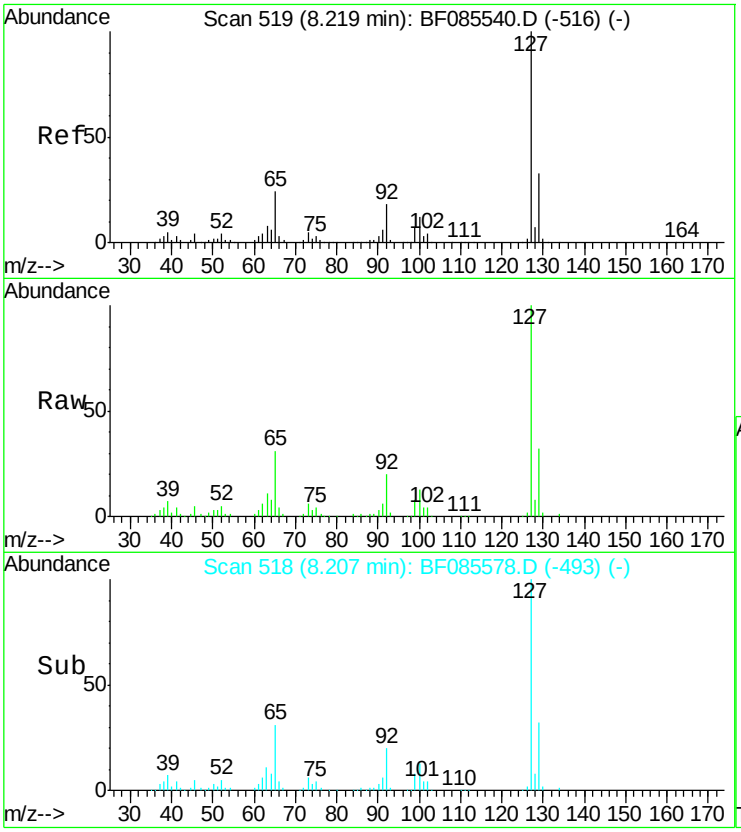


#32
Benzoic acid
Concen: 31.26 ng
RT: 7.90 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:122 Resp: 120972

Ion	Ratio	Lower	Upper
122	100		
105	123.4	102.9	142.9
77	96.0	71.8	111.8



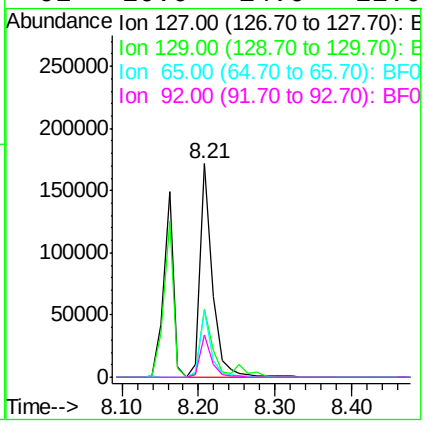


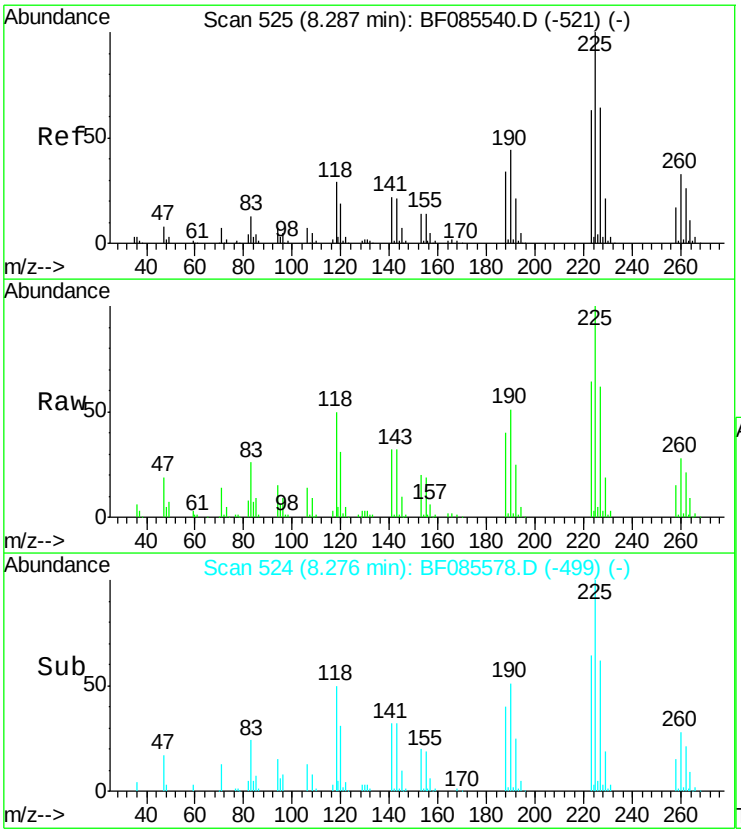
#33
4-Chloroaniline
Concen: 32.91 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:127 Resp: 191184

Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	31.2	19.5	29.3#
92	20.0	14.6	22.0

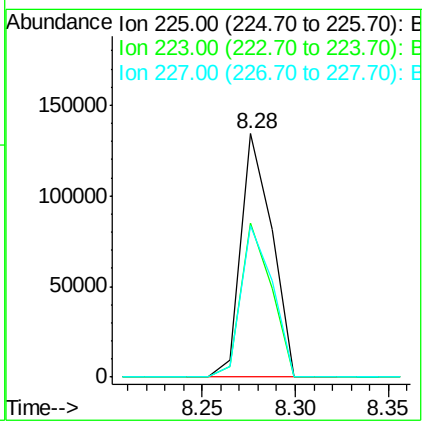


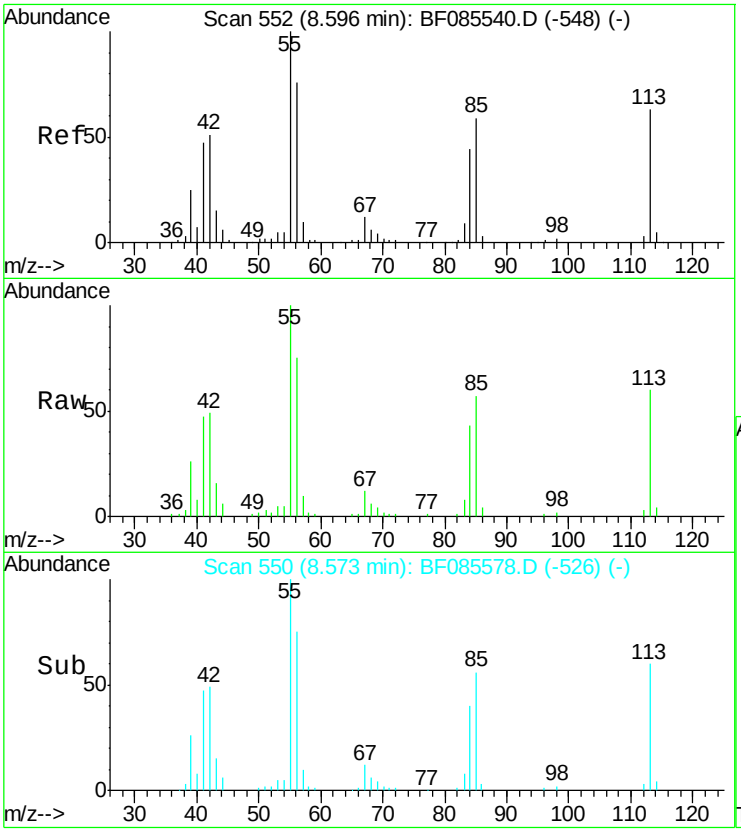


#34
Hexachlorobutadiene
Concen: 67.88 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:225 Resp: 154880

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.4	75.6
227	62.1	51.4	77.2



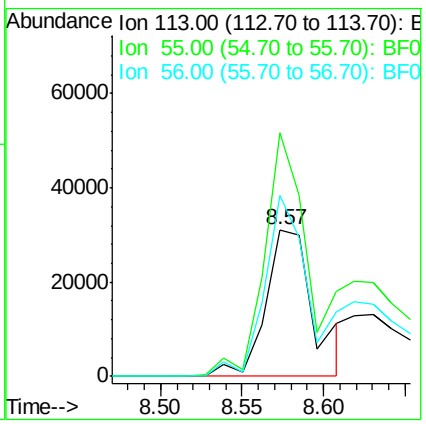


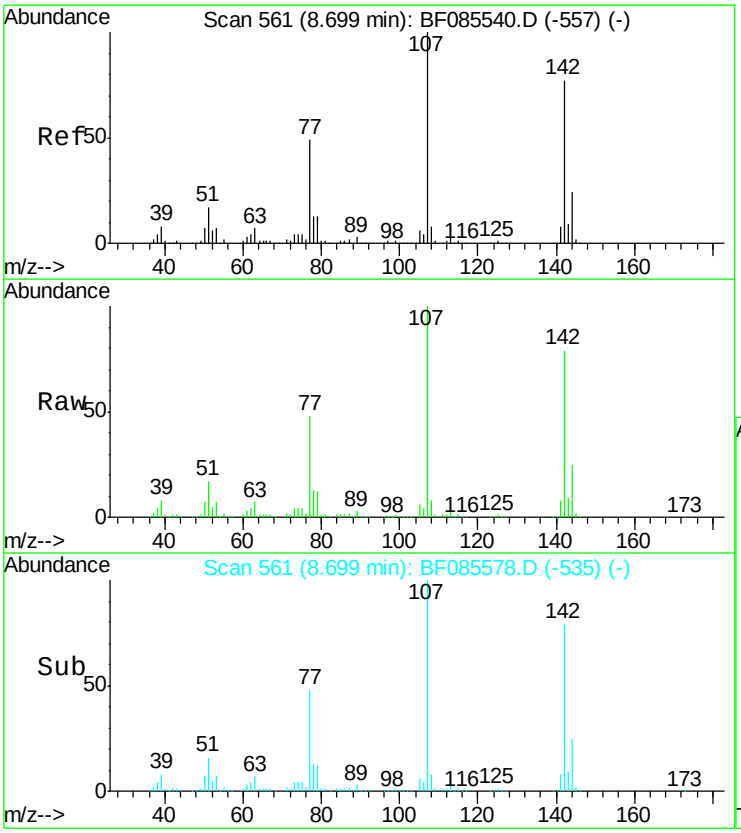
#35
Caprolactam
Concen: 48.38 ng
RT: 8.57 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:113 Resp: 63625

Ion	Ratio	Lower	Upper
113	100		
55	166.0	139.4	179.4
56	123.8	100.4	140.4

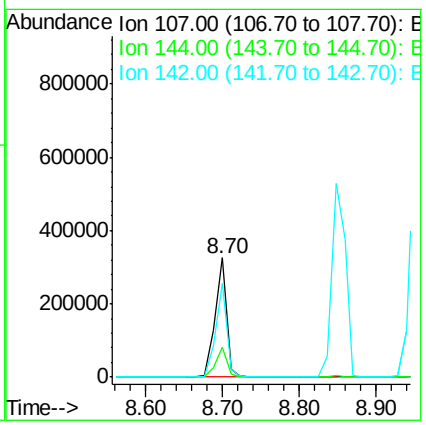


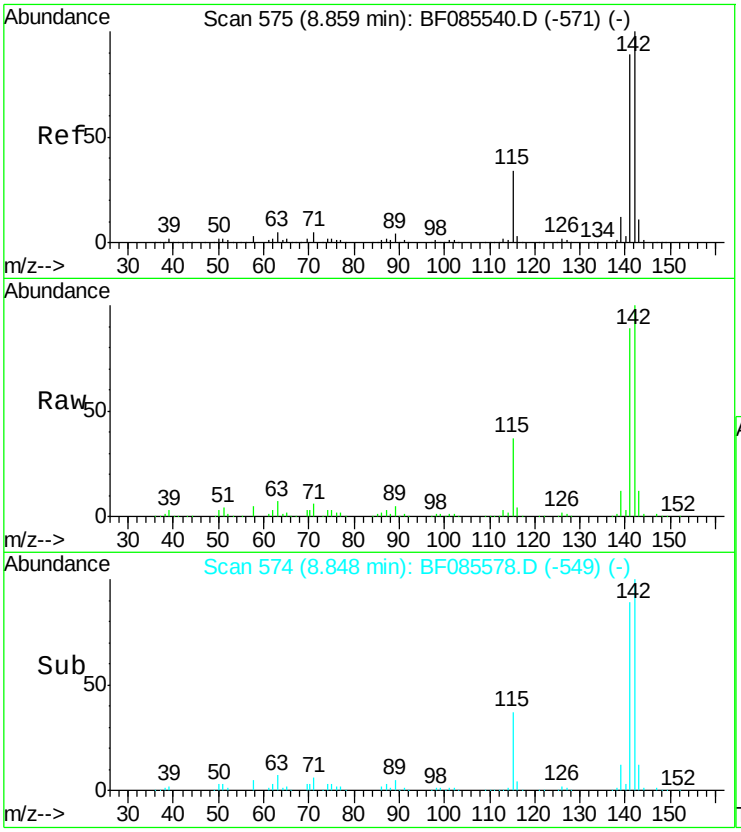


#36
4-Chloro-3-methylphenol
Concen: 75.21 ng
RT: 8.70 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:107 Resp: 335707

Ion	Ratio	Lower	Upper
107	100		
144	25.5	19.3	28.9
142	79.4	61.4	92.0



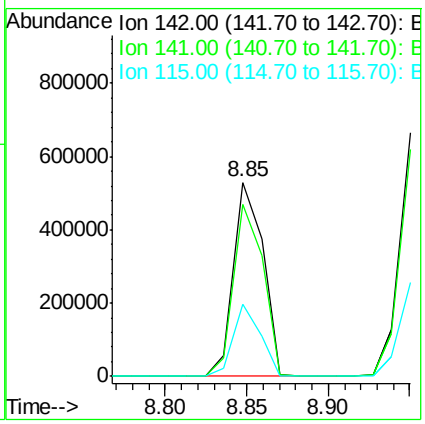


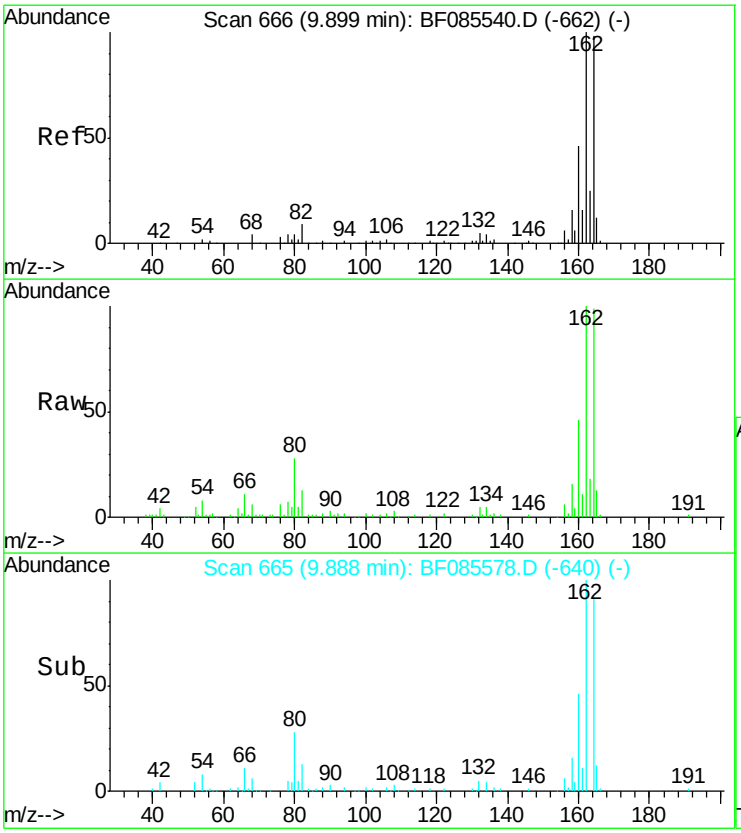
#37
2-Methylnaphthalene
Concen: 76.63 ng
RT: 8.85 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:142 Resp: 662031

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.6	107.4
115	37.0	26.8	40.2

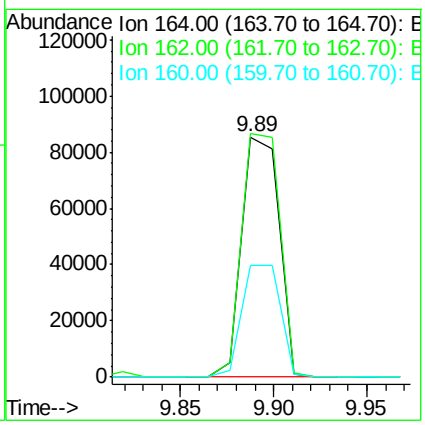


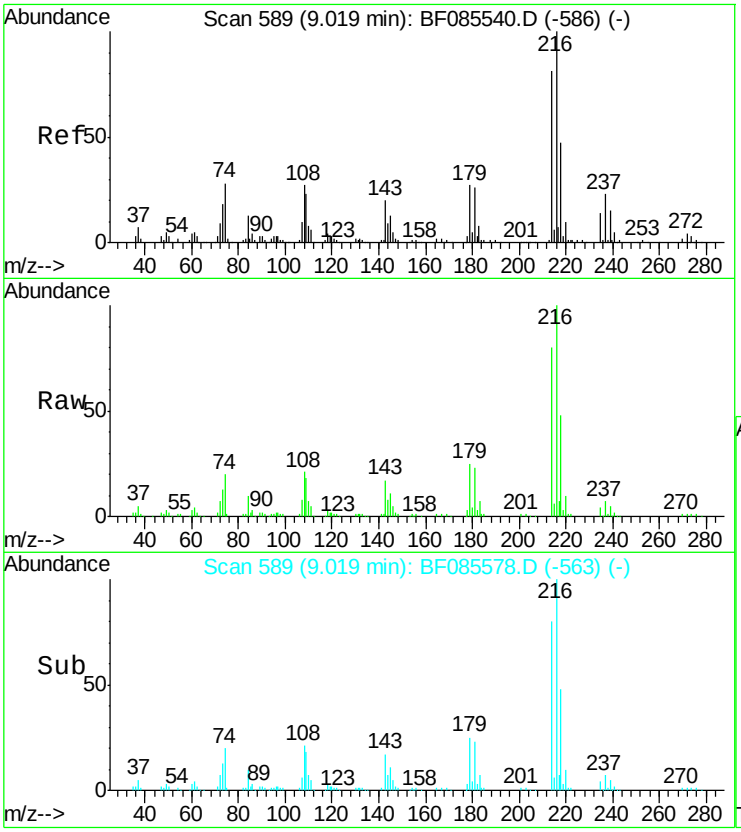


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:164 Resp: 118389

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.1	123.1
160	46.5	37.4	56.2



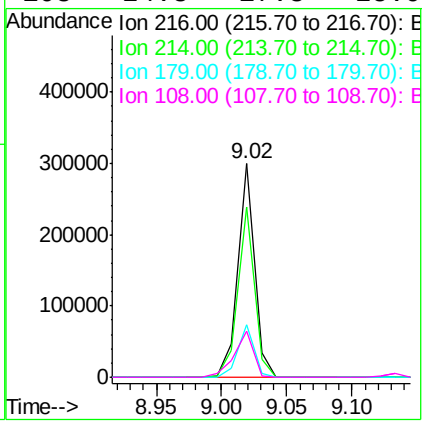


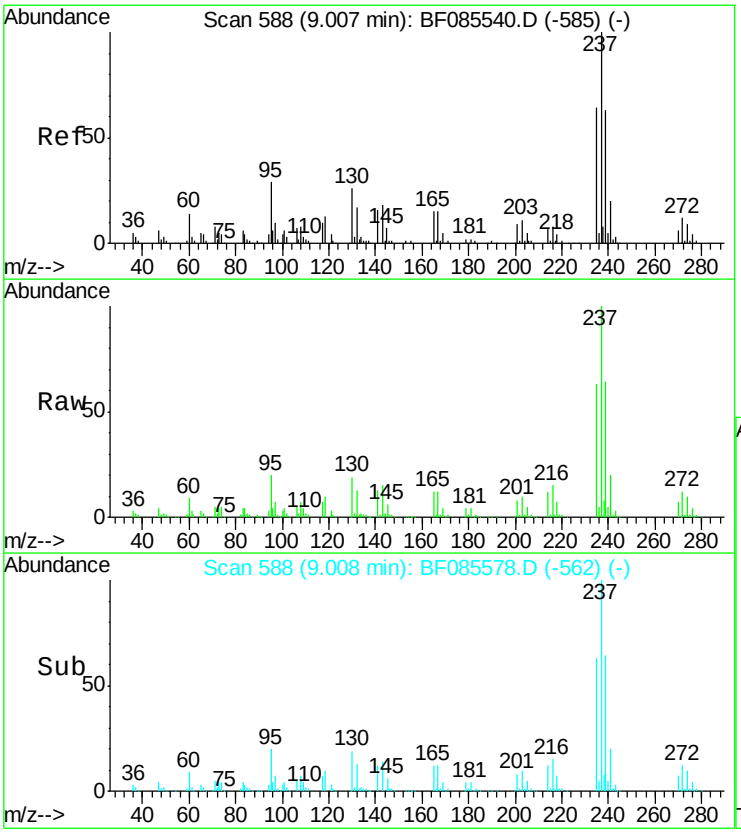
#39
1,2,4,5-Tetrachlorobenzene
Concen: 73.46 ng
RT: 9.02 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:216 Resp: 263822

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.1	94.7
179	23.8	18.2	27.2
108	24.8	17.3	25.9

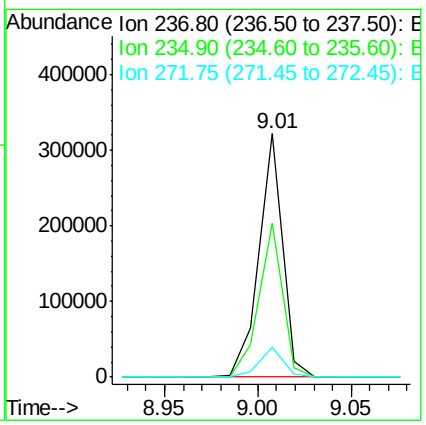


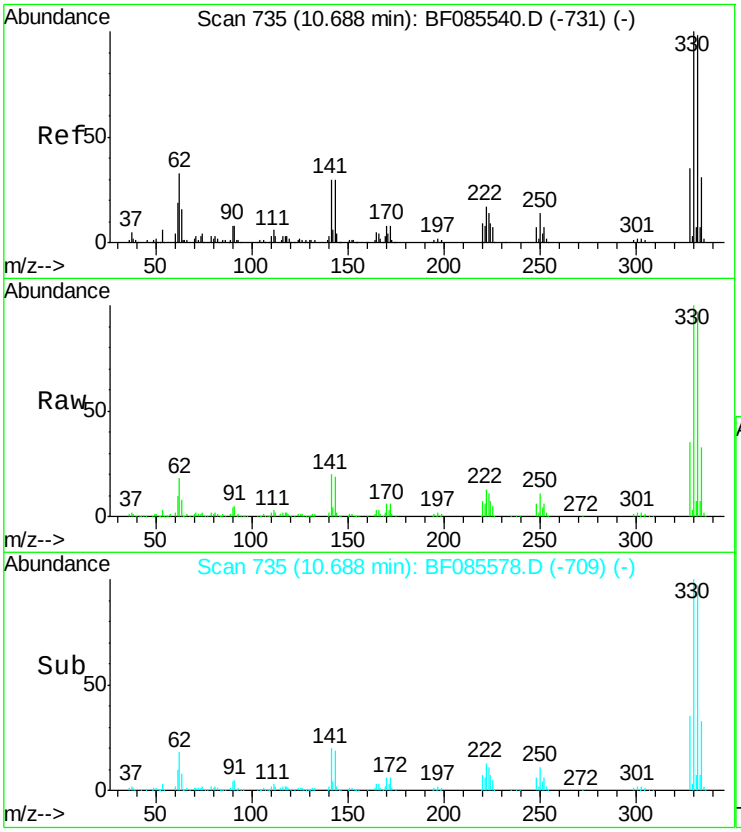


#40
Hexachlorocyclopentadiene
Concen: 173.62 ng
RT: 9.01 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:237 Resp: 281016

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.7	83.7
272	12.4	0.0	31.9



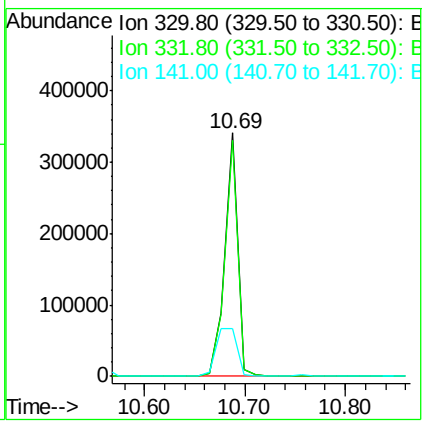


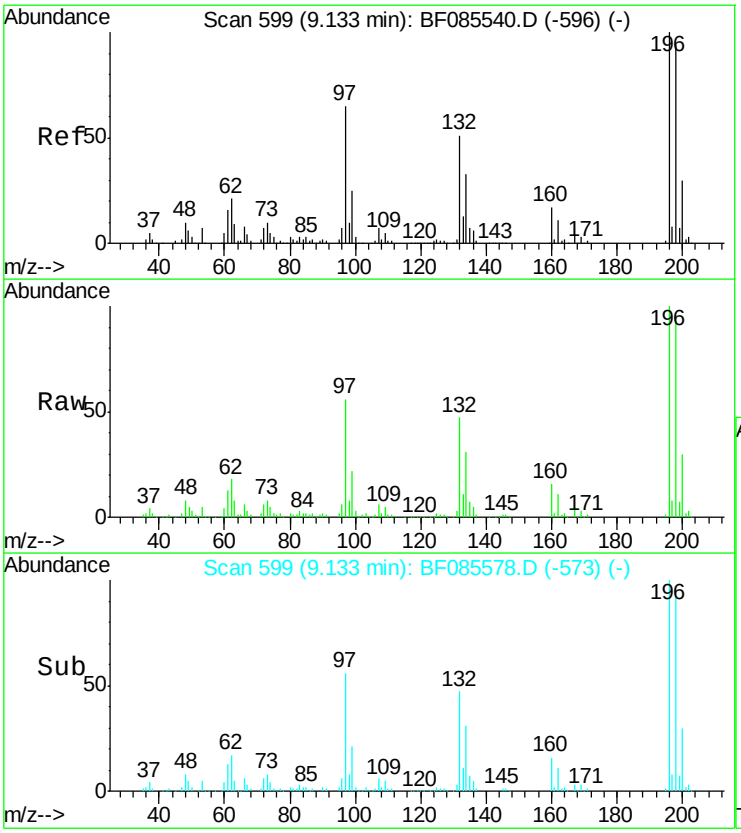
#41
2,4,6-Tribromophenol
Concen: 266.20 ng
RT: 10.69 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:330 Resp: 308707

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.2	117.2
141	32.0	31.5	47.3

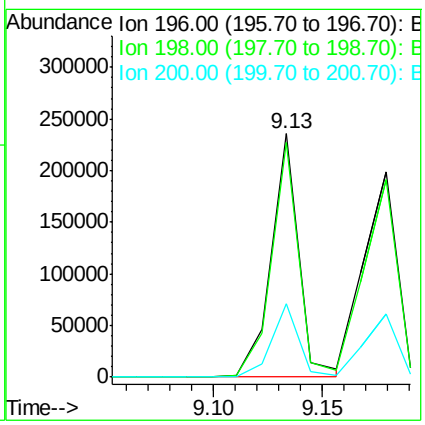


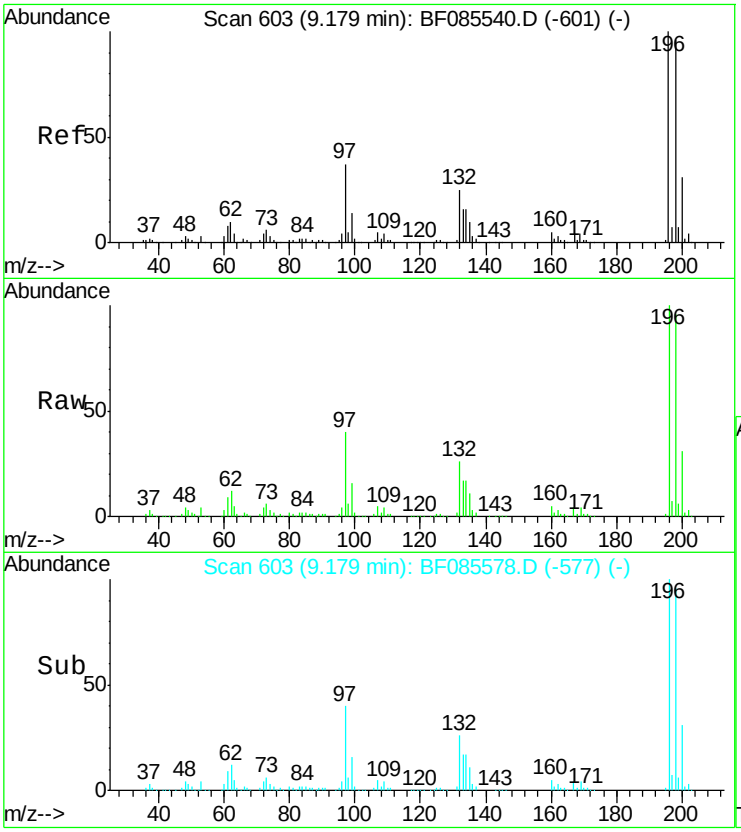


#42
2,4,6-Trichlorophenol
Concen: 85.25 ng
RT: 9.13 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:196 Resp: 209564

Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.3	112.9
200	30.3	23.7	35.5



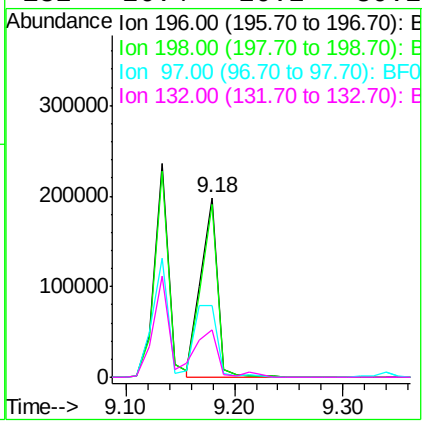


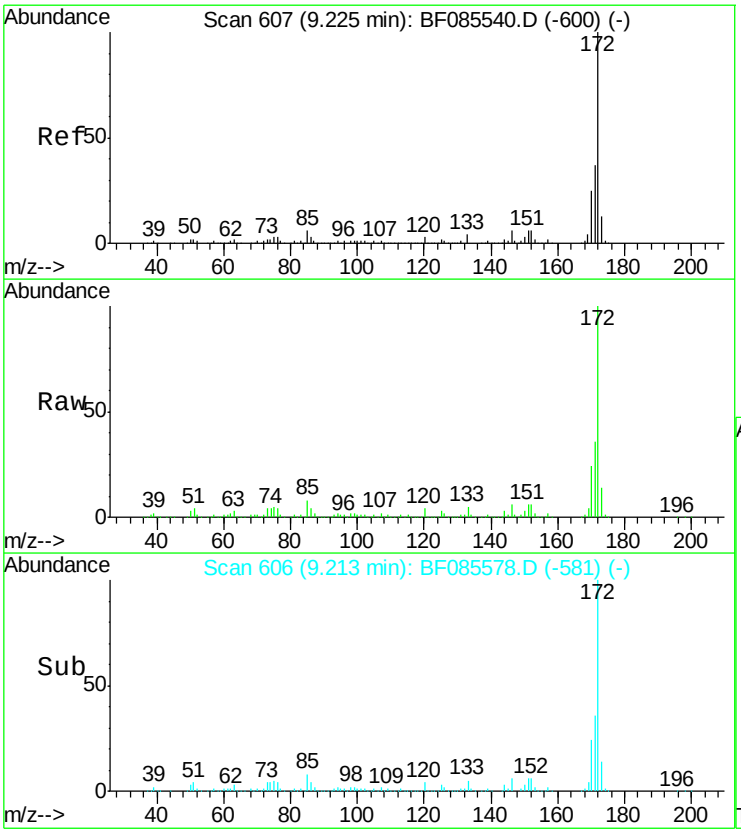
#43
2,4,5-Trichlorophenol
Concen: 86.44 ng
RT: 9.18 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:196 Resp: 216245

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.6	114.8
97	39.8	30.5	45.7
132	26.4	20.2	30.2

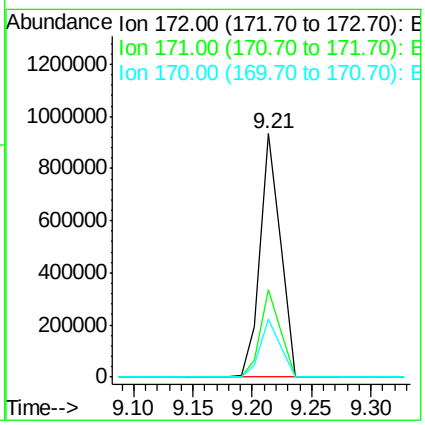


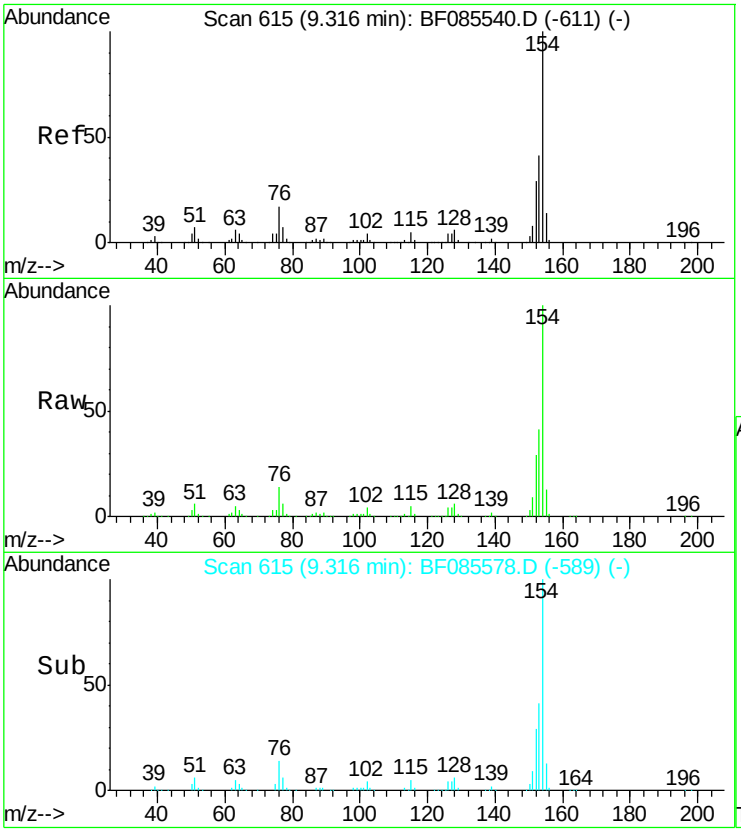


#44
2-Fluorobiphenyl
Concen: -20.00 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:172 Resp: 1127100

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.1	19.8	29.6



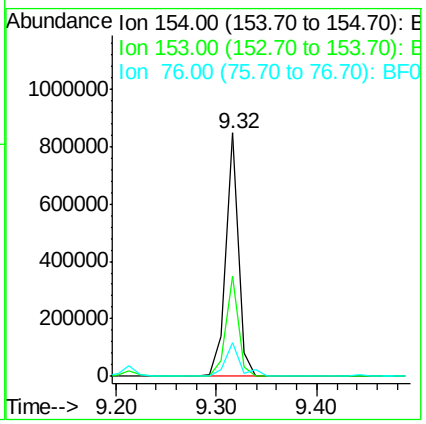


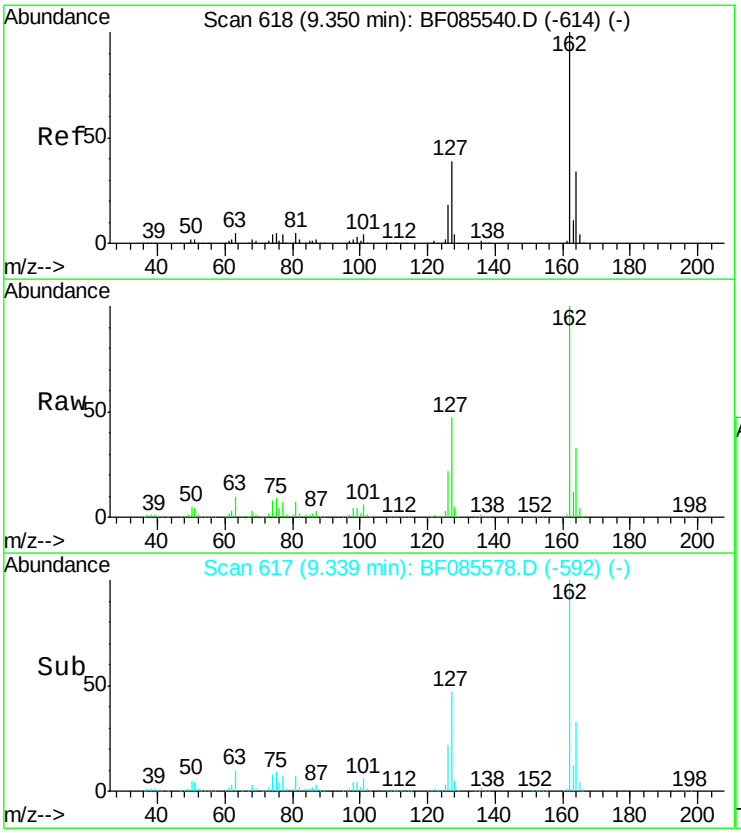
#45
1,1'-Biphenyl
Concen: 72.53 ng
RT: 9.32 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:154 Resp: 740775

Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.8	60.8
76	13.9	0.0	36.7

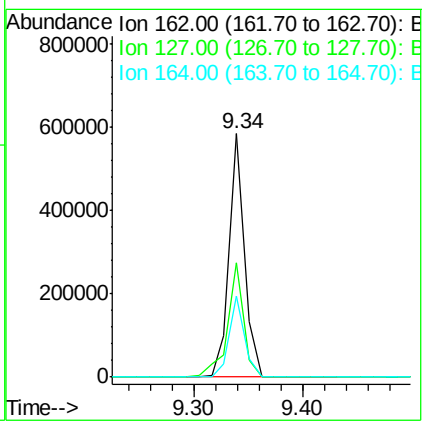


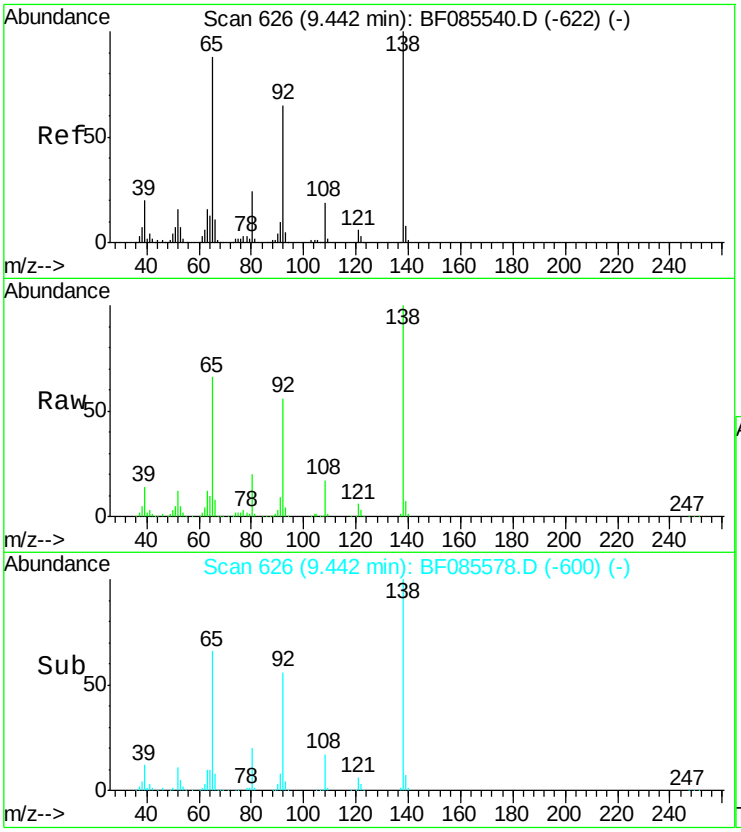


#46
2-Chloronaphthalene
Concen: 75.73 ng
RT: 9.34 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:162 Resp: 564926

Ion	Ratio	Lower	Upper
162	100		
127	46.9	31.7	47.5
164	33.1	27.3	40.9



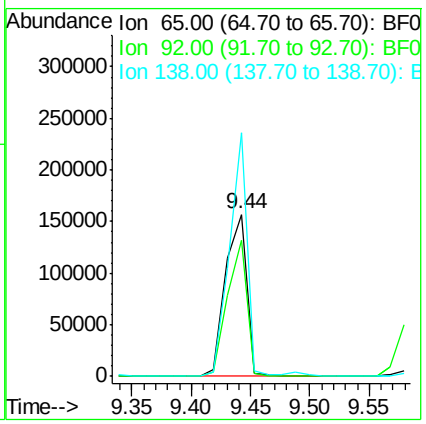


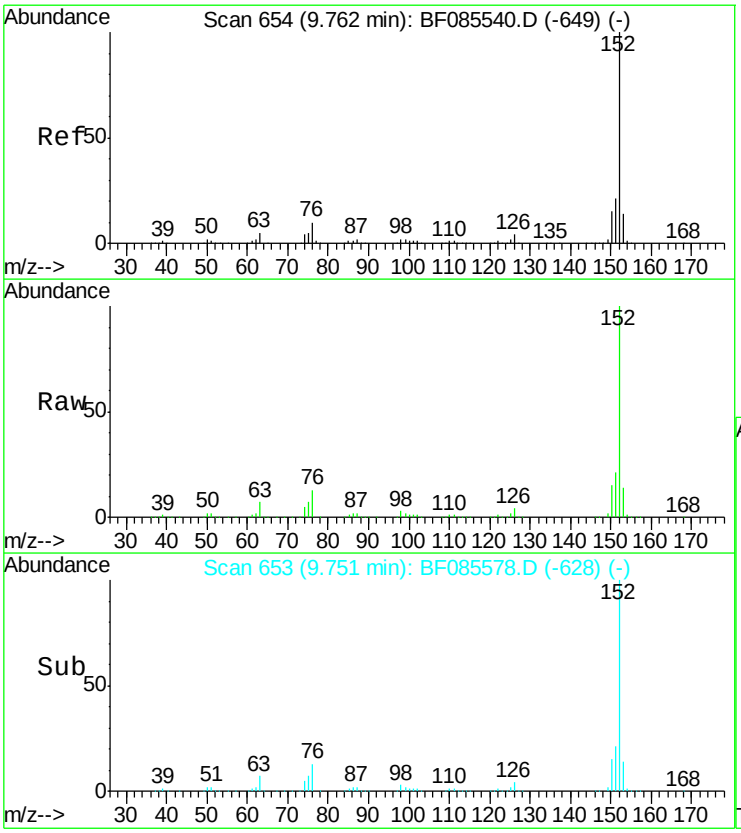
#47
2-Nitroaniline
Concen: 86.37 ng
RT: 9.44 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion: 65 Resp: 194913

Ion	Ratio	Lower	Upper
65	100		
92	84.0	59.7	89.5
138	150.5	91.4	137.0#

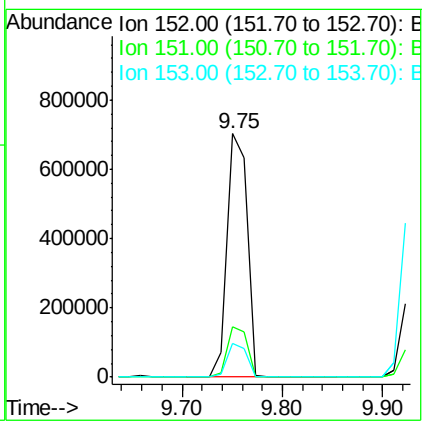


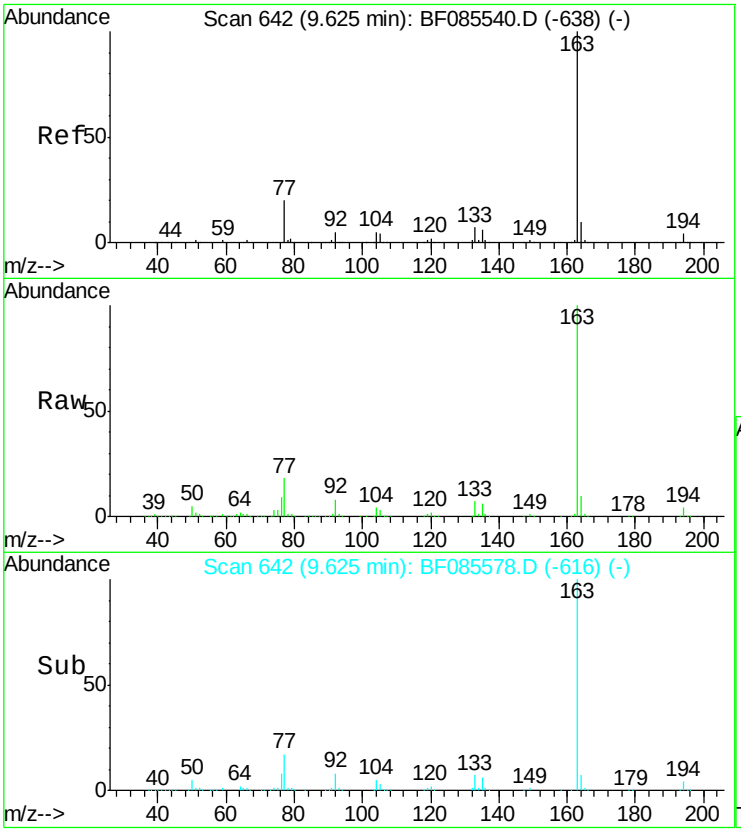


#48
Acenaphthylene
Concen: 80.63 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:152 Resp: 973419

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.8	10.9	16.3



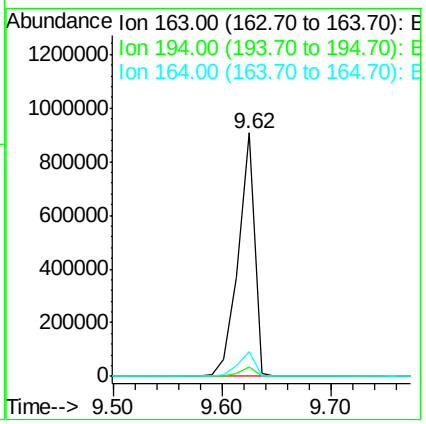


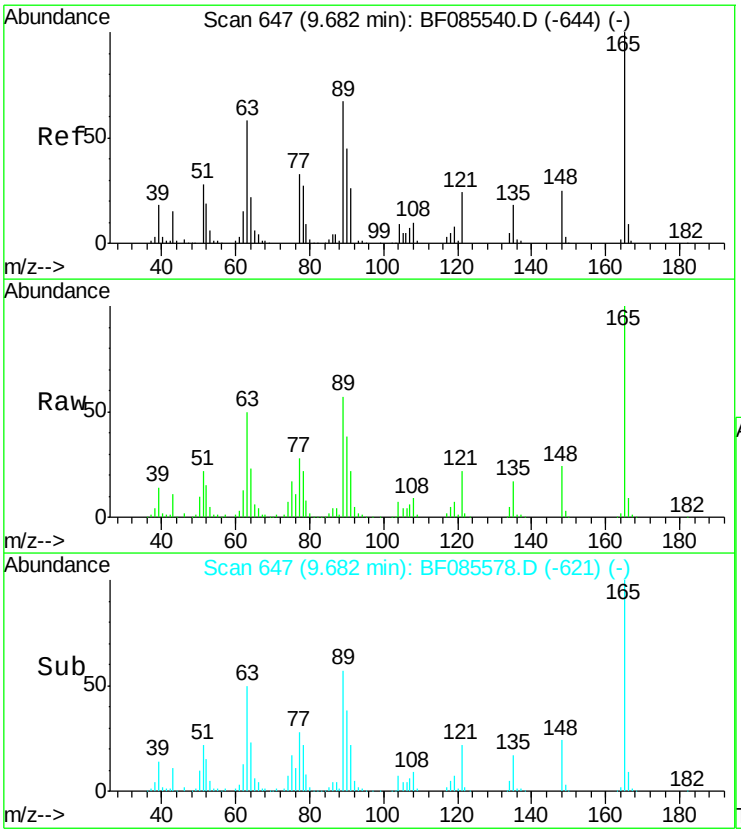
#49
Dimethylphthalate
Concen: 104.51 ng
RT: 9.62 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:163 Resp: 933684

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	10.2	8.3	12.5

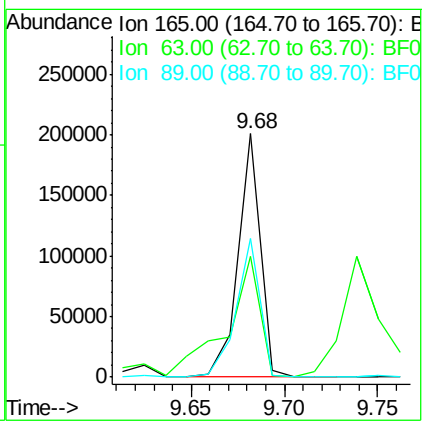


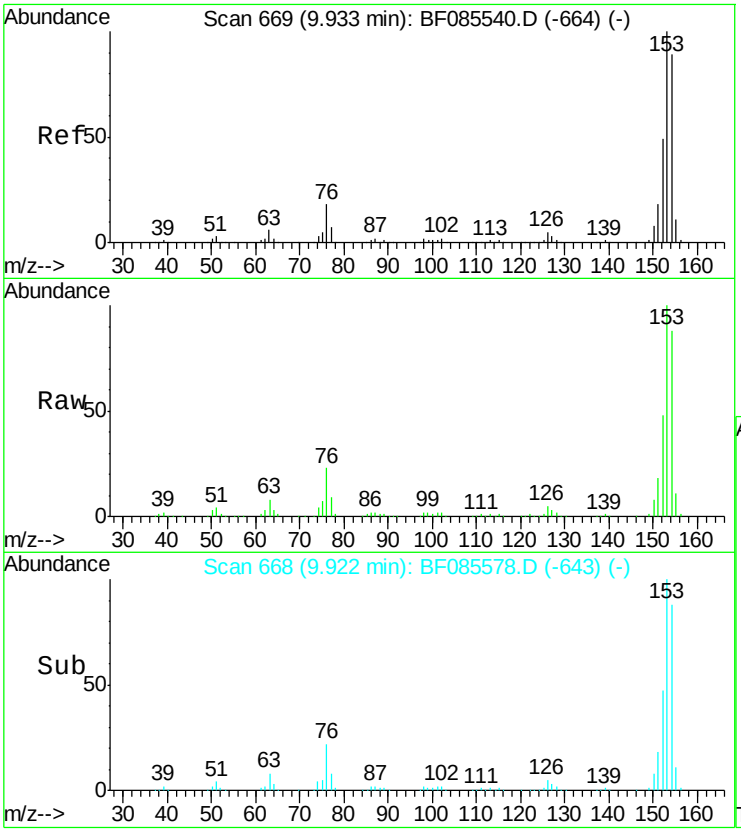


#50
2,6-Dinitrotoluene
Concen: 88.58 ng
RT: 9.68 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:165 Resp: 167060

Ion	Ratio	Lower	Upper
165	100		
63	49.7	51.8	77.8#
89	56.7	53.7	80.5



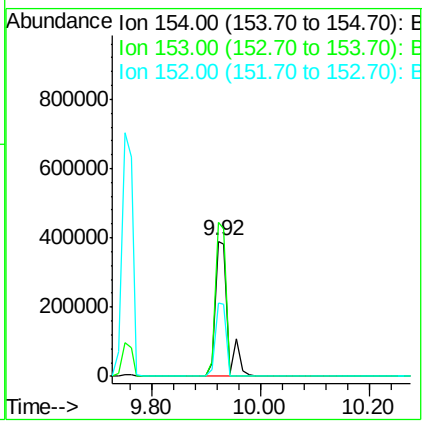


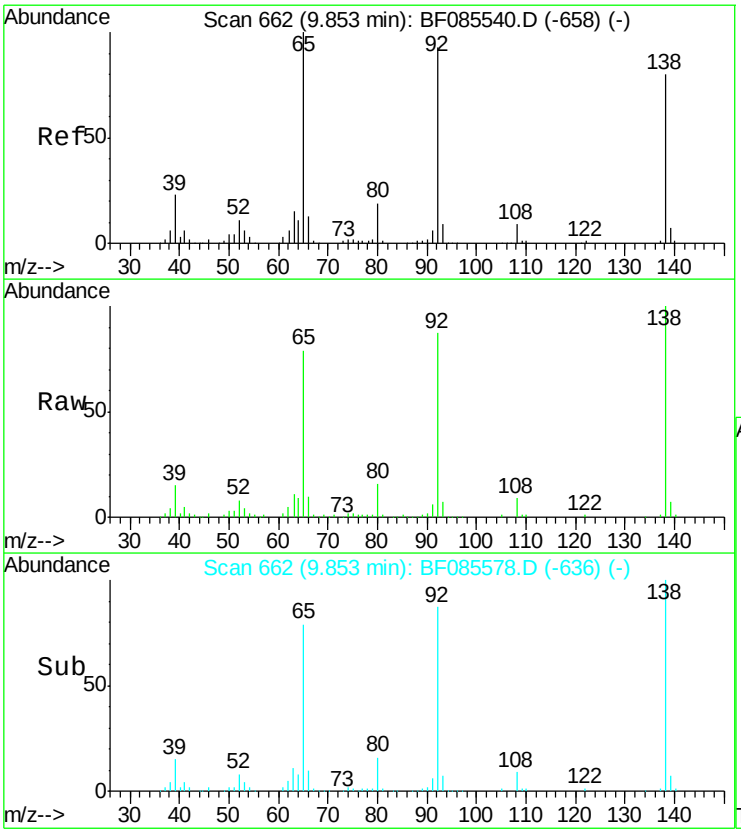
#51
Acenaphthene
Concen: 87.22 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:154 Resp: 660837

Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.1	135.1
152	54.1	44.2	66.2

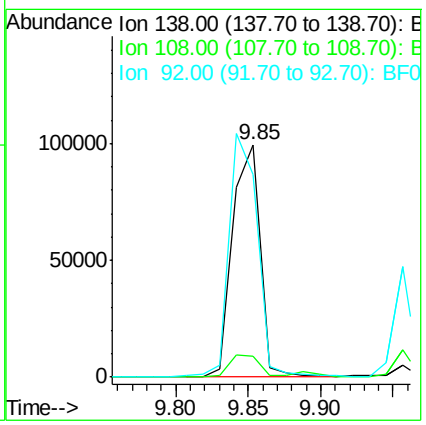


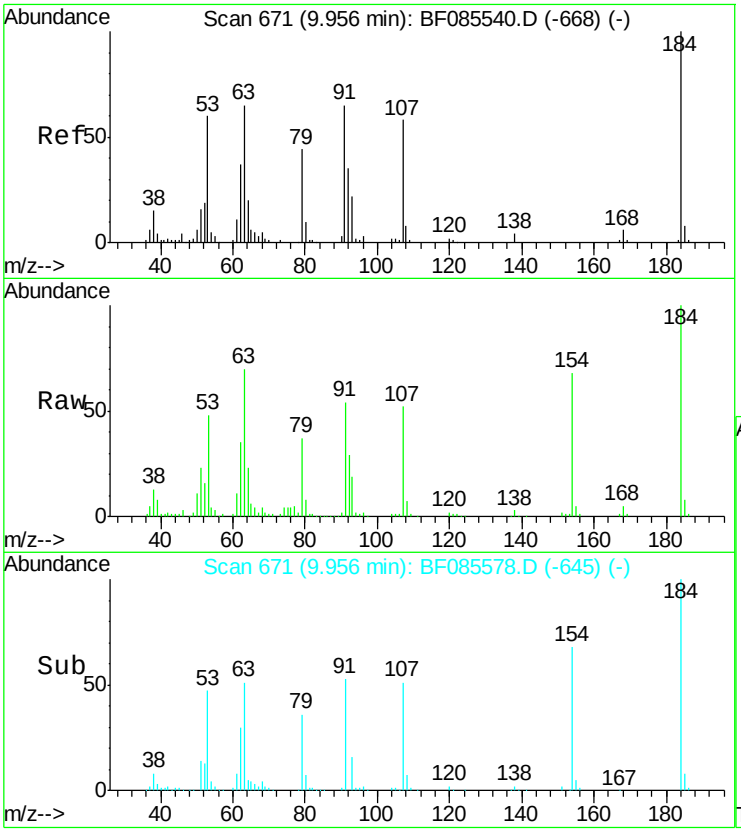


#52
3-Nitroaniline
Concen: 55.70 ng
RT: 9.85 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:138 Resp: 131574

Ion	Ratio	Lower	Upper
138	100		
108	8.8	8.7	13.1
92	87.3	93.3	139.9#



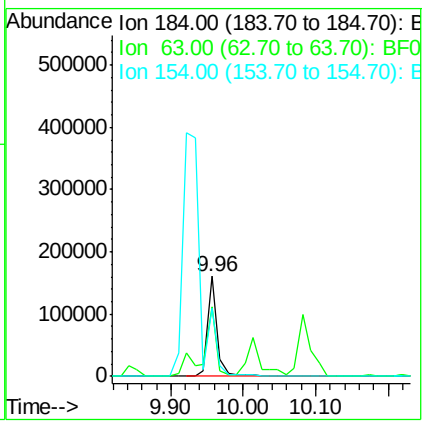


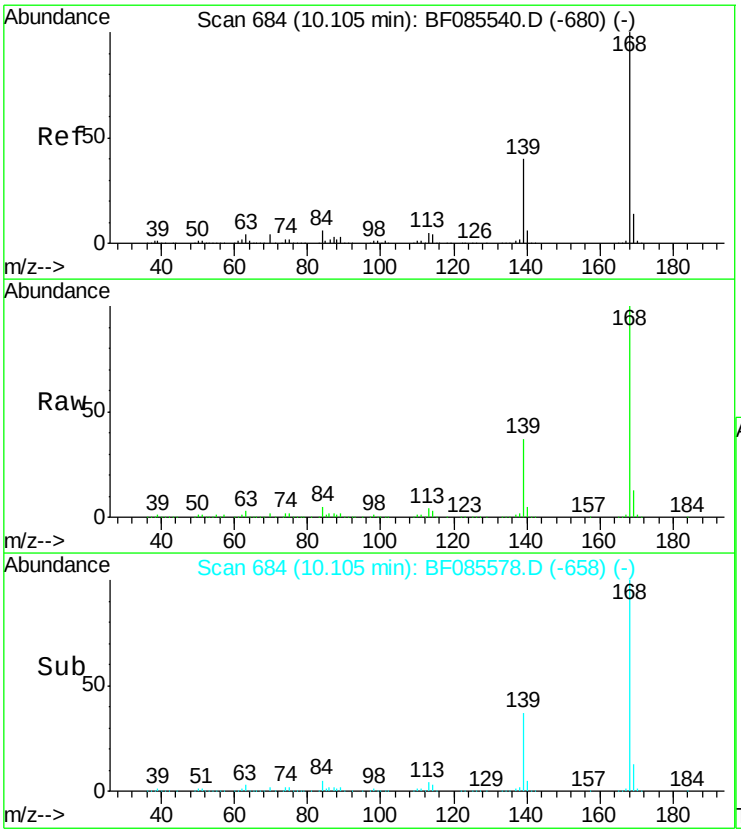
#53
2,4-Dinitrophenol
Concen: 128.85 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:184 Resp: 148868

Ion	Ratio	Lower	Upper
184	100		
63	69.8	69.5	104.3
154	67.8	58.3	87.5

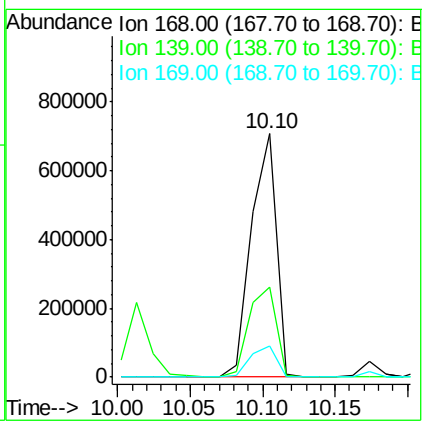


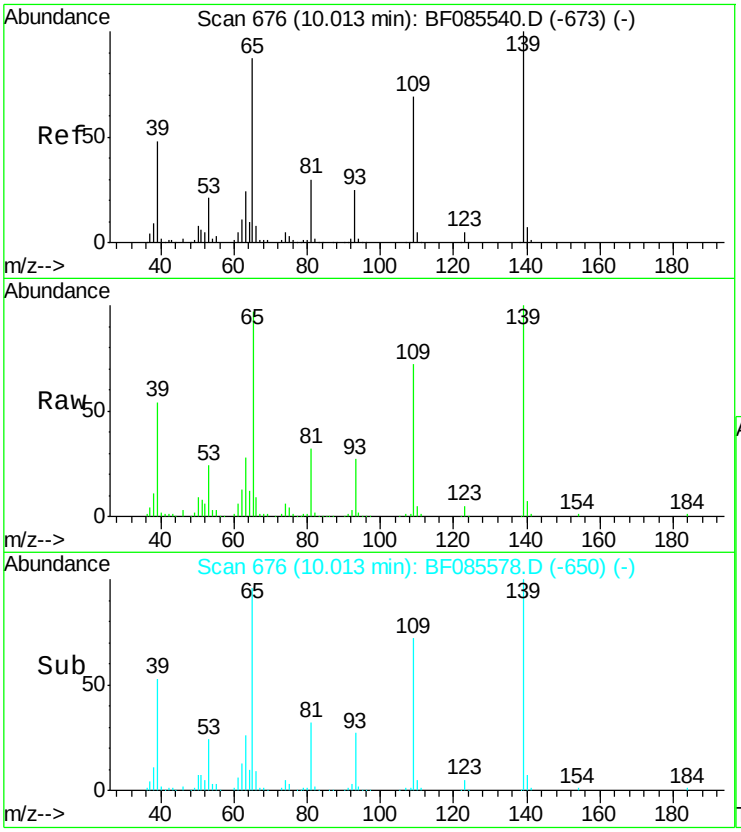


#54
Dibenzofuran
Concen: 91.94 ng
RT: 10.10 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:168 Resp: 848214

Ion	Ratio	Lower	Upper
168	100		
139	36.8	31.9	47.9
169	12.8	11.0	16.6



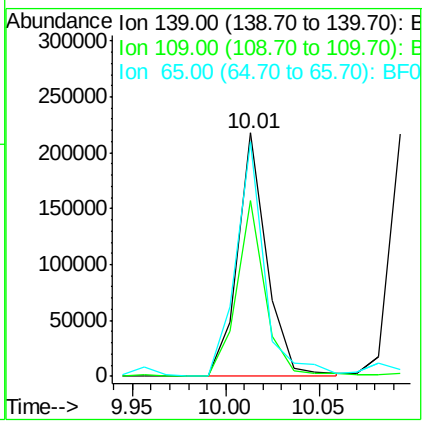


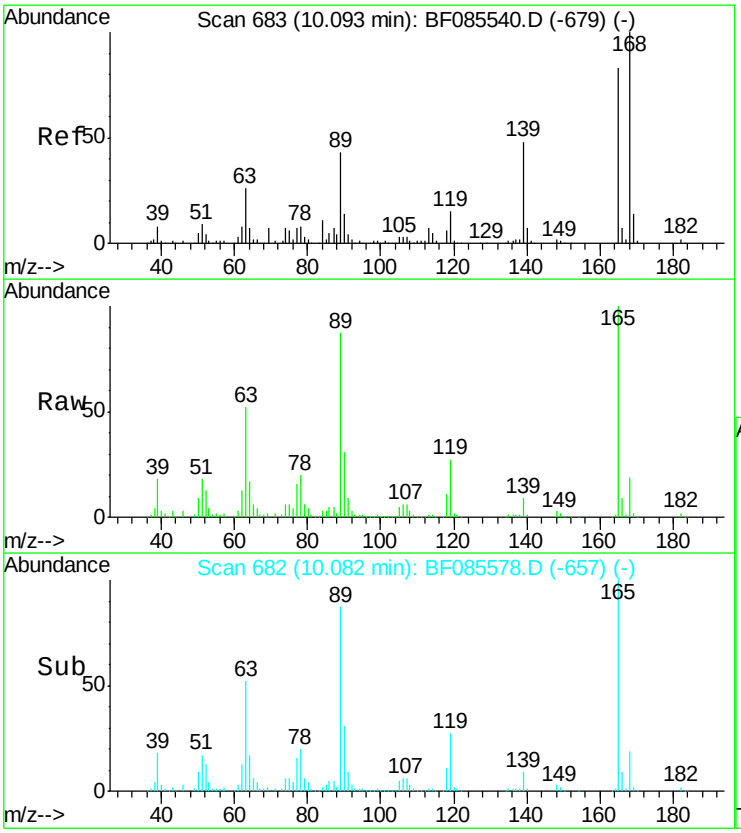
#55
4-Nitrophenol
Concen: 131.15 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:139 Resp: 239424

Ion	Ratio	Lower	Upper
139	100		
109	72.2	49.2	89.2
65	96.6	66.9	106.9

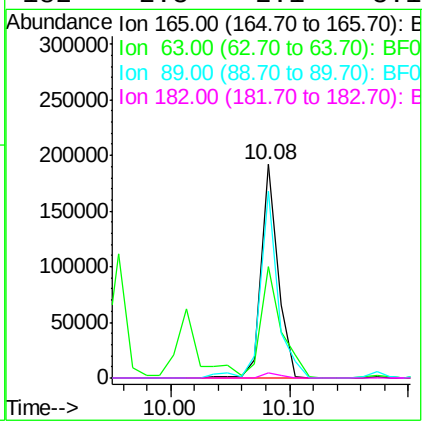


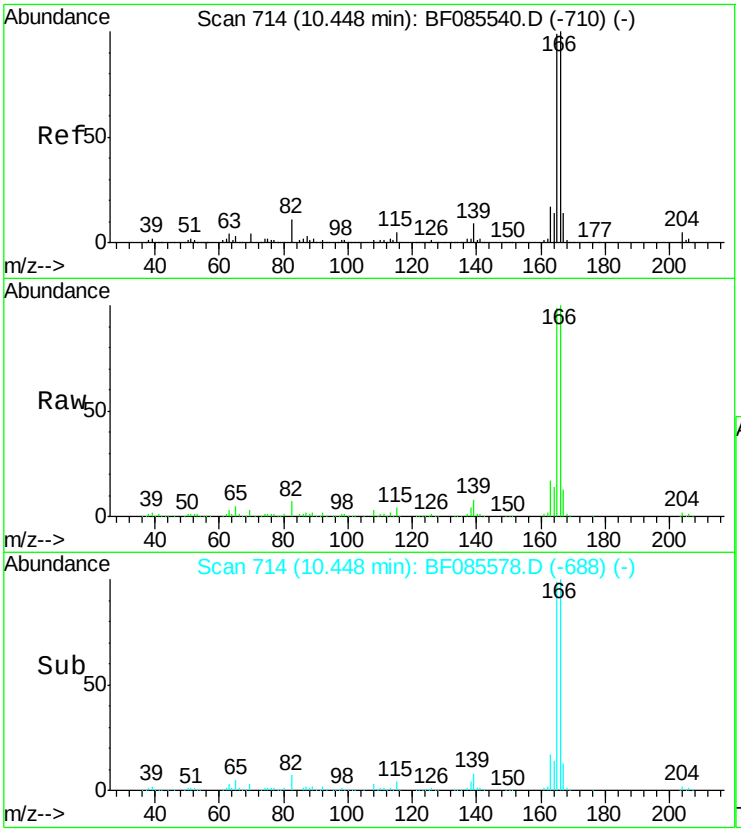


#56
2,4-Dinitrotoluene
Concen: 77.30 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:165 Resp: 190874

Ion	Ratio	Lower	Upper
165	100		
63	52.2	24.9	37.3#
89	87.3	41.0	61.6#
182	2.3	2.1	3.1



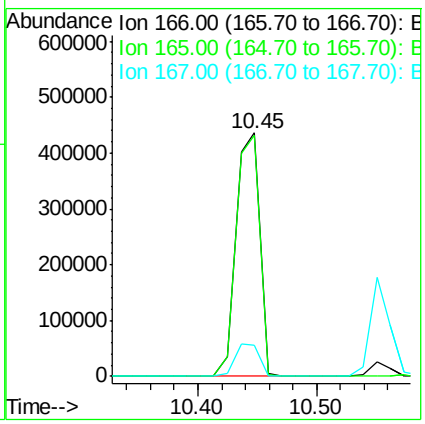


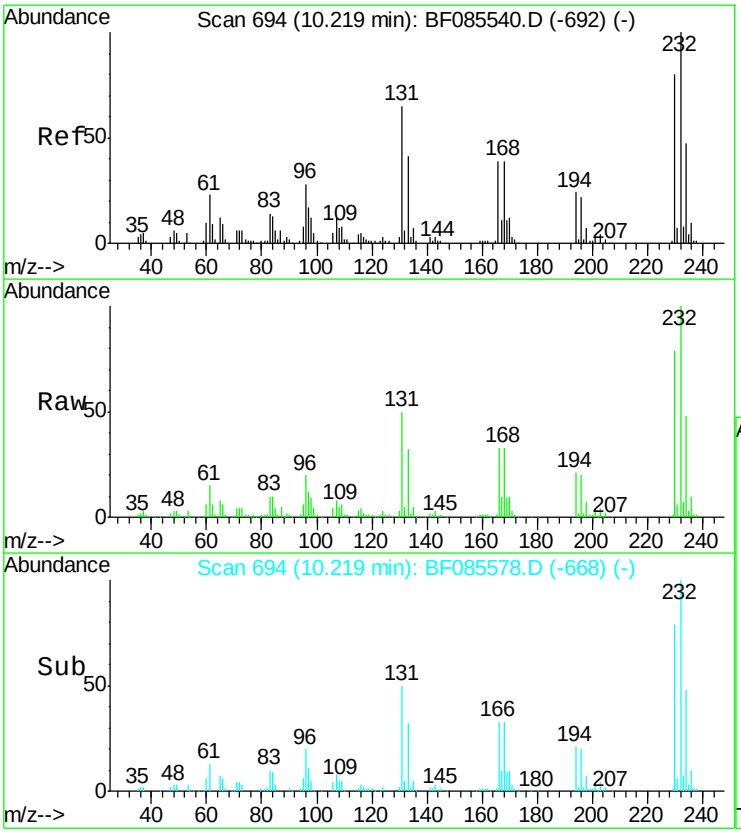
#57
Fluorene
Concen: 78.67 ng
RT: 10.45 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:166 Resp: 604907

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.4	119.0
167	12.7	11.0	16.4

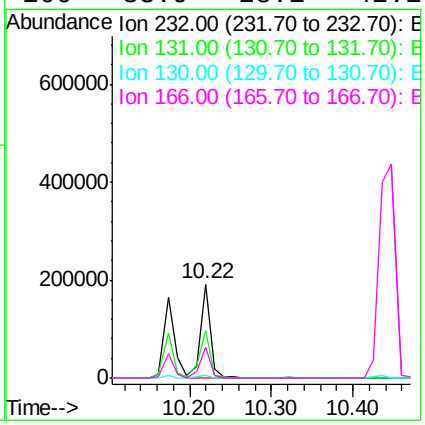


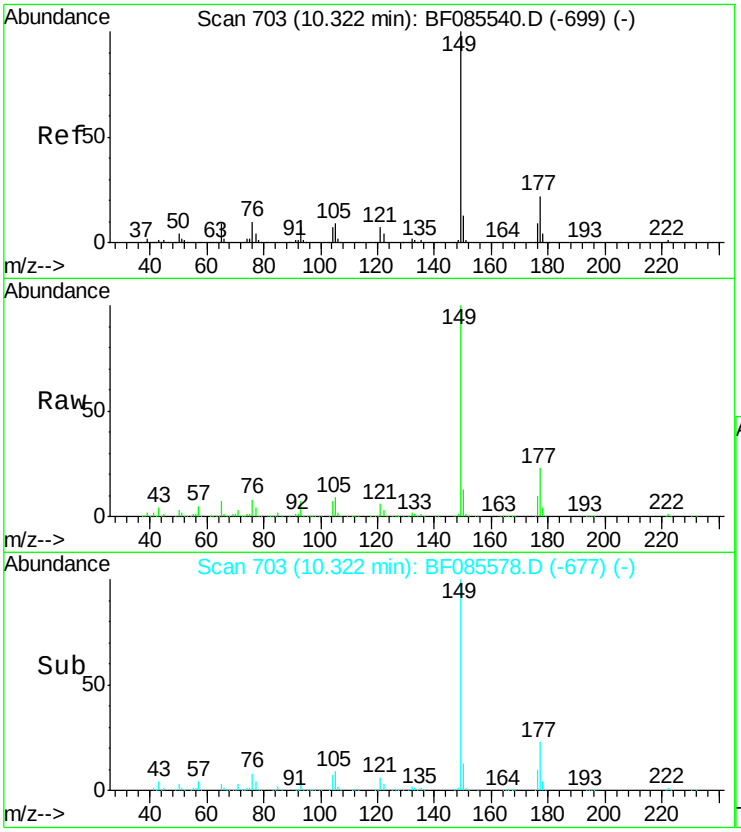


#58
2,3,4,6-Tetrachlorophenol
Concen: 93.18 ng
RT: 10.22 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:232 Resp: 167844

Ion	Ratio	Lower	Upper
232	100		
131	54.0	44.9	67.3
130	2.7	2.3	3.5
166	33.9	28.1	42.1



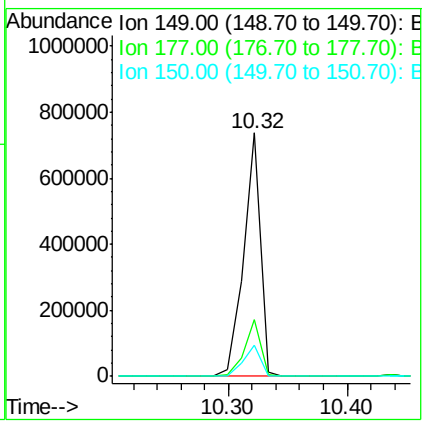


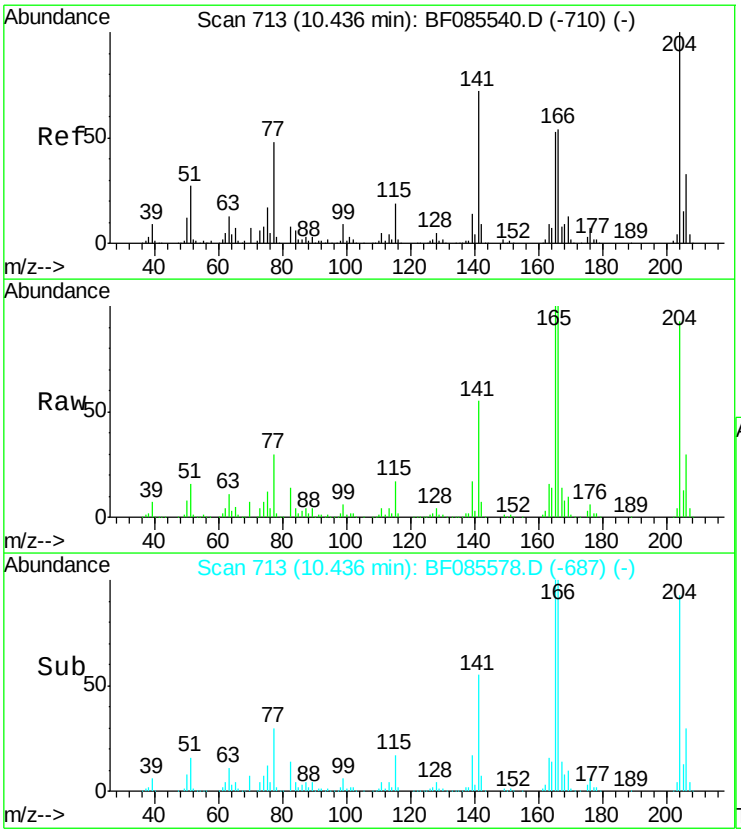
#59
Diethylphthalate
Concen: 82.01 ng
RT: 10.32 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:149 Resp: 728399

Ion	Ratio	Lower	Upper
149	100		
177	23.2	17.9	26.9
150	12.7	10.2	15.2

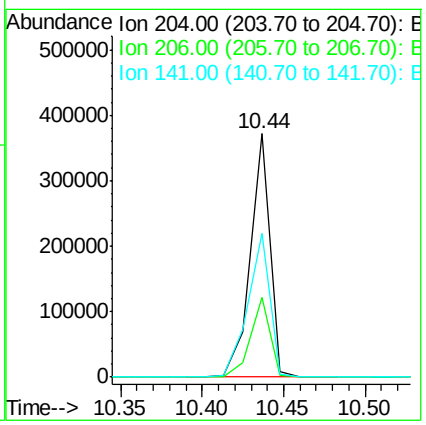


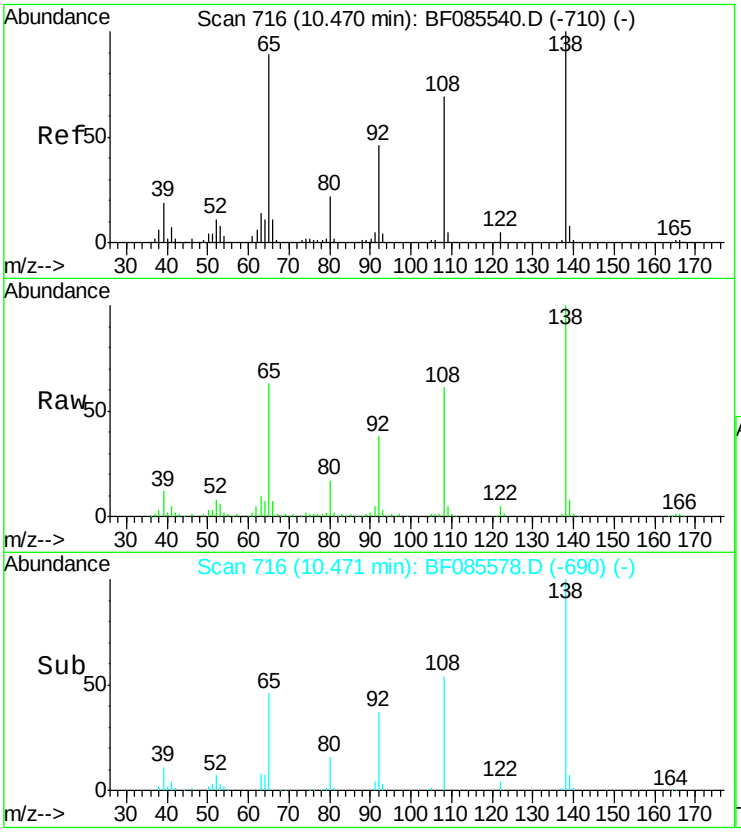


#60
4-Chlorophenyl-phenylether
Concen: 82.73 ng
RT: 10.44 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:204 Resp: 310634

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	59.2	57.4	86.0



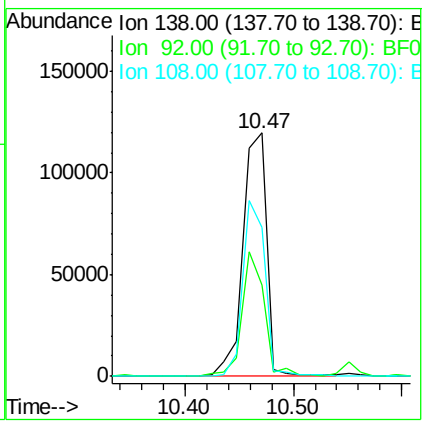


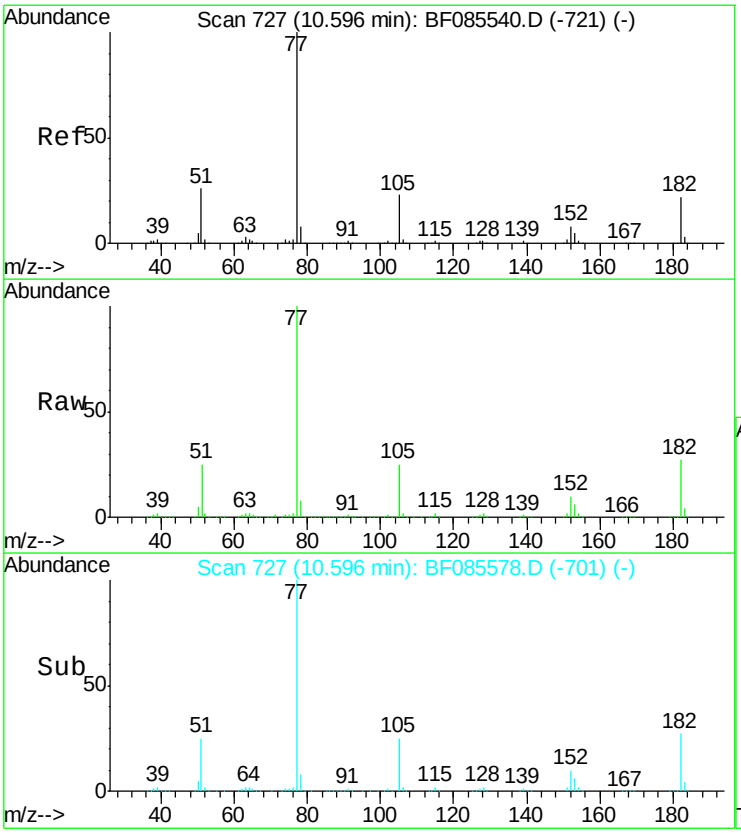
#61
4-Nitroaniline
Concen: 78.20 ng
RT: 10.47 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:138 Resp: 182073

Ion	Ratio	Lower	Upper
138	100		
92	37.7	26.4	66.4
108	61.1	49.0	89.0

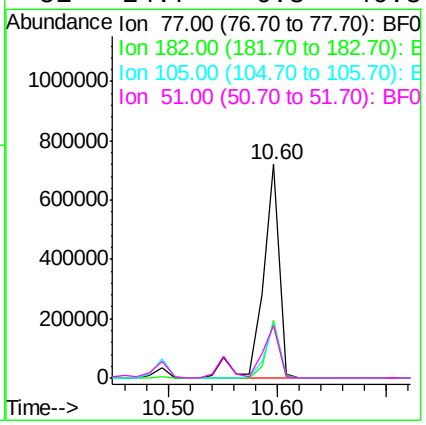


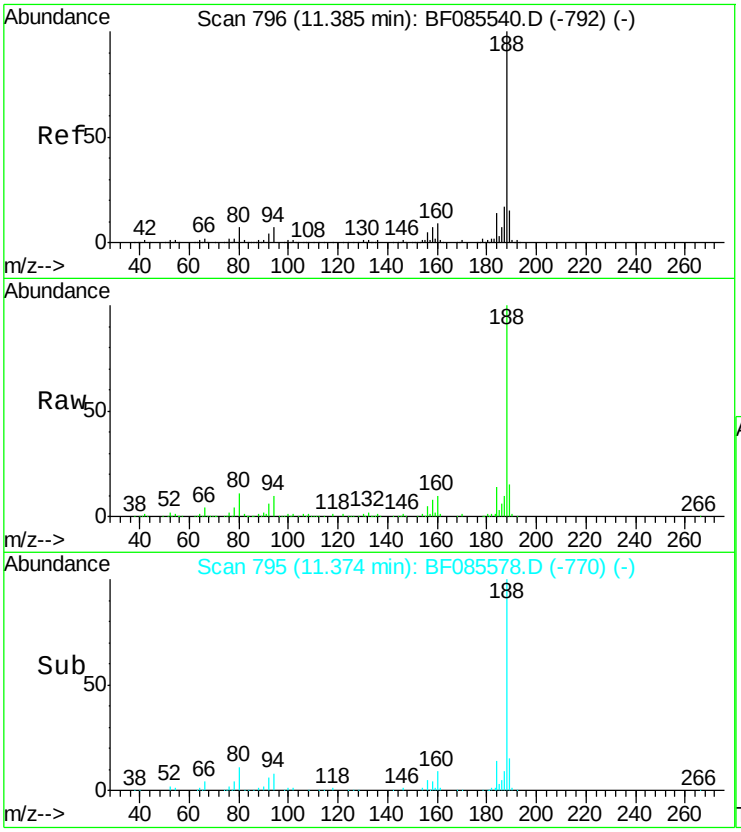


#62
Azobenzene
Concen: 90.11 ng
RT: 10.60 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion: 77 Resp: 768039

Ion	Ratio	Lower	Upper
77	100		
182	27.1	1.9	41.9
105	24.9	3.5	43.5
51	24.7	6.3	46.3



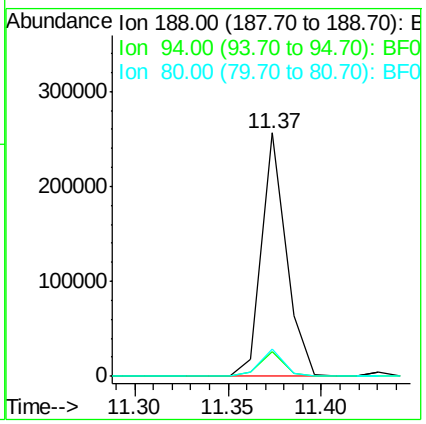


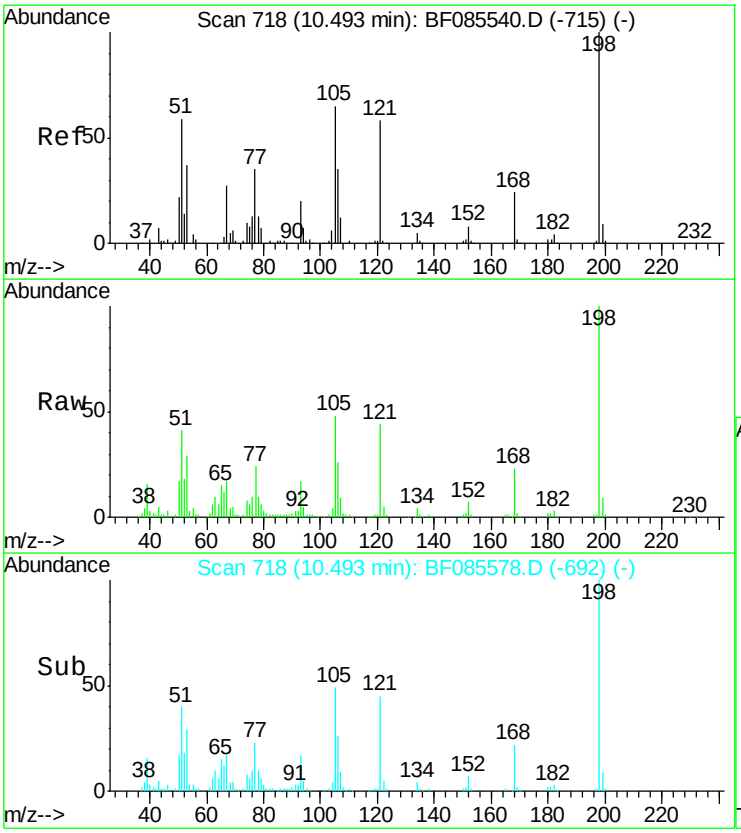
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:188 Resp: 233122

Ion	Ratio	Lower	Upper
188	100		
94	10.4	5.4	8.0#
80	11.3	5.5	8.3#

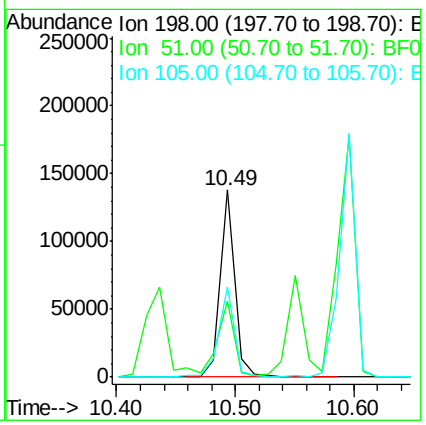


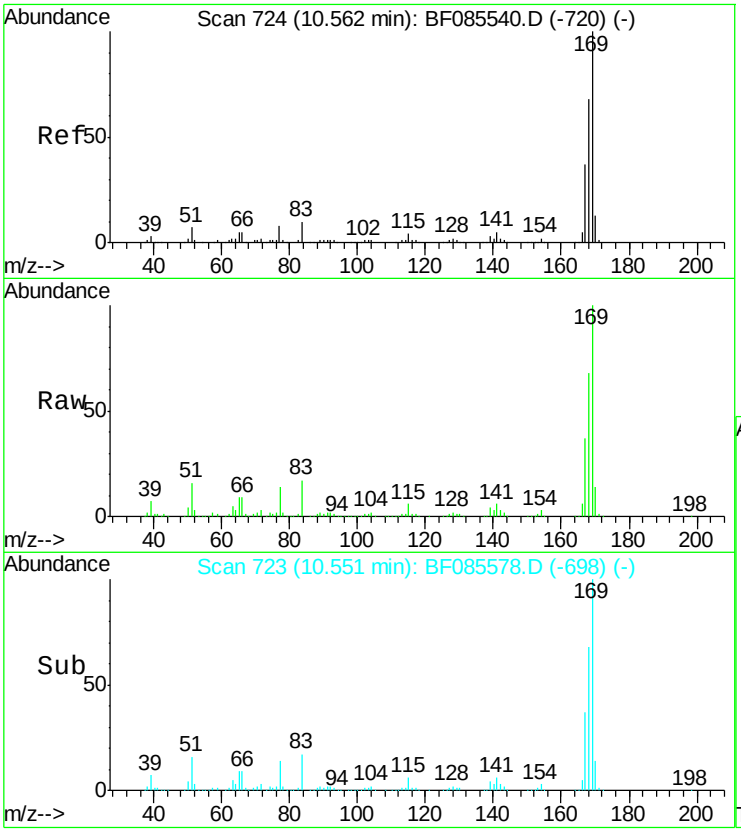


#64
4,6-Dinitro-2-methylphenol
Concen: 77.52 ng
RT: 10.49 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:198 Resp: 115645

Ion	Ratio	Lower	Upper
198	100		
51	40.6	45.4	85.4#
105	48.4	45.9	85.9



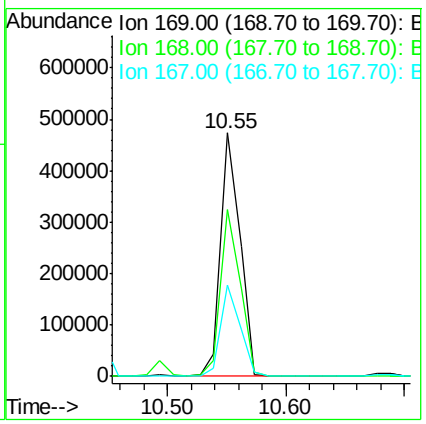


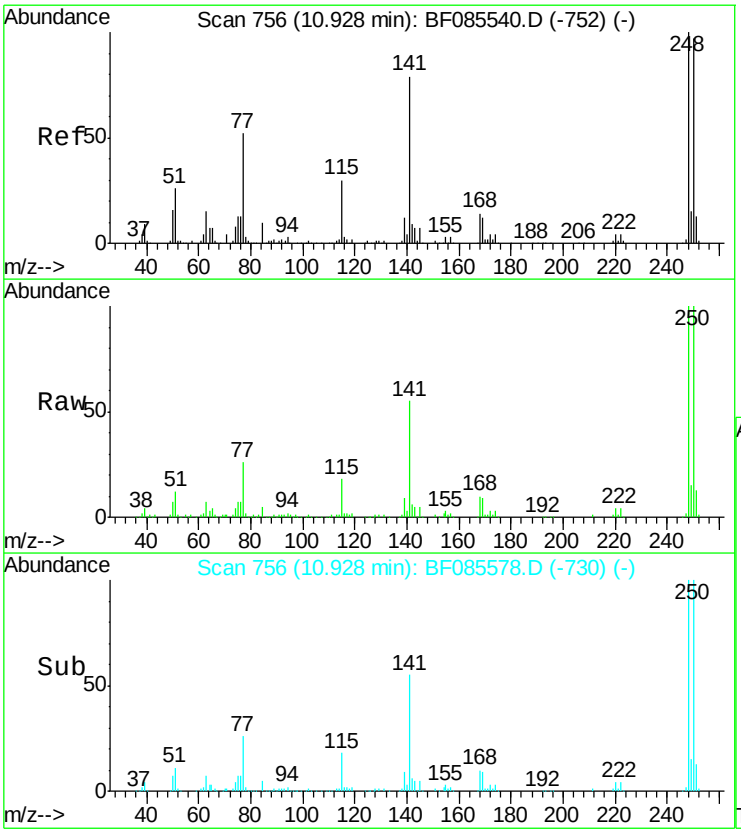
#65
n-Nitrosodiphenylamine
Concen: 73.81 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:169 Resp: 535982

Ion	Ratio	Lower	Upper
169	100		
168	68.4	54.4	81.6
167	37.5	29.4	44.0

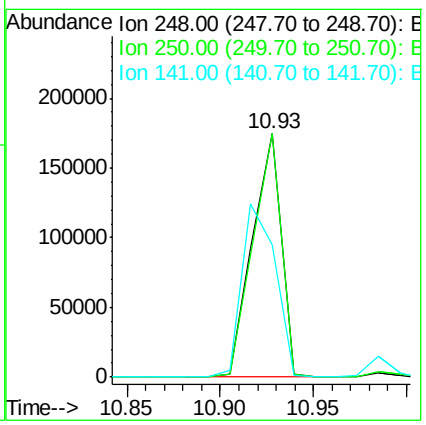


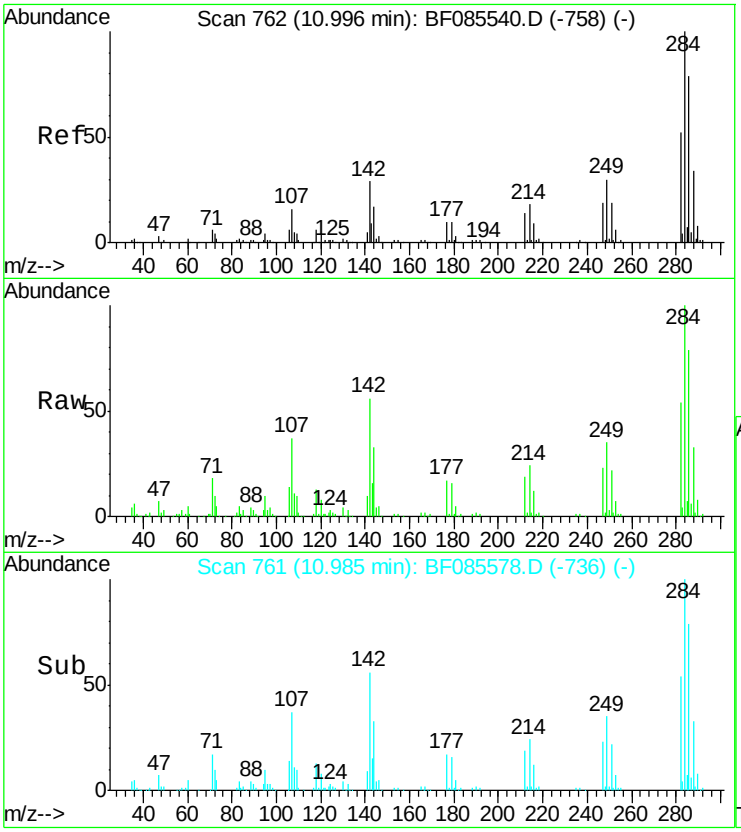


#66
4-Bromophenyl-phenylether
Concen: 80.15 ng
RT: 10.93 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:248 Resp: 186667

Ion	Ratio	Lower	Upper
248	100		
250	100.1	77.4	116.0
141	54.6	63.6	95.4#



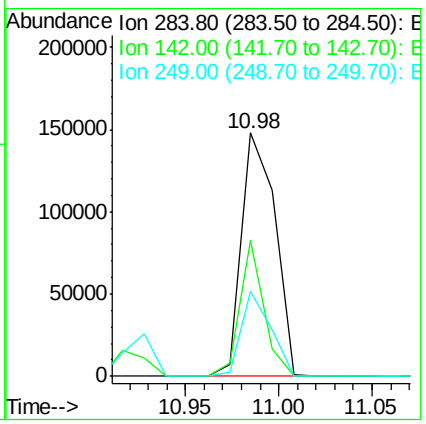


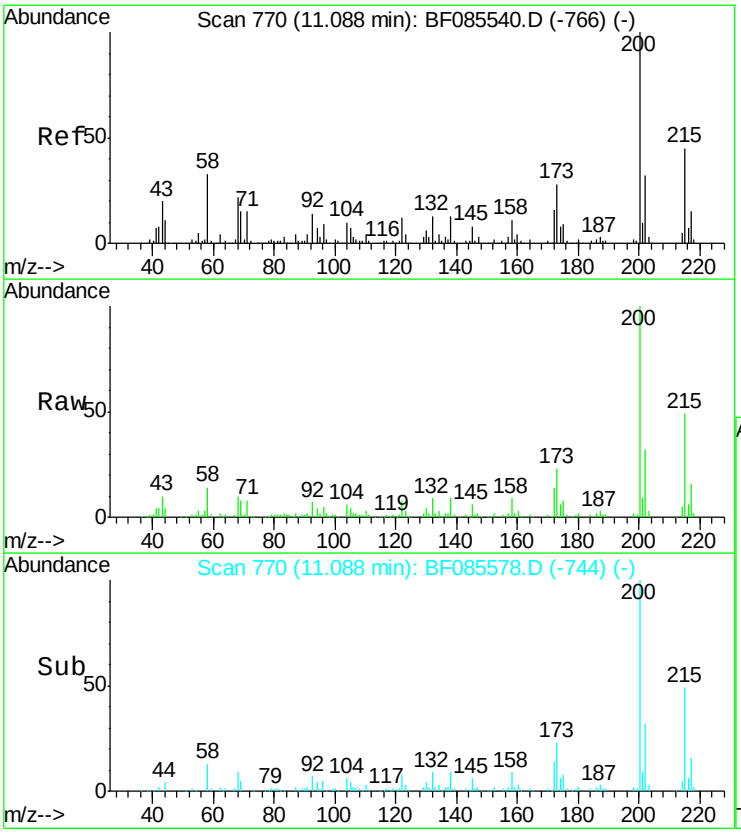
#67
Hexachlorobenzene
Concen: 74.42 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:284 Resp: 184136

Ion	Ratio	Lower	Upper
284	100		
142	55.9	23.1	34.7#
249	34.8	24.2	36.2

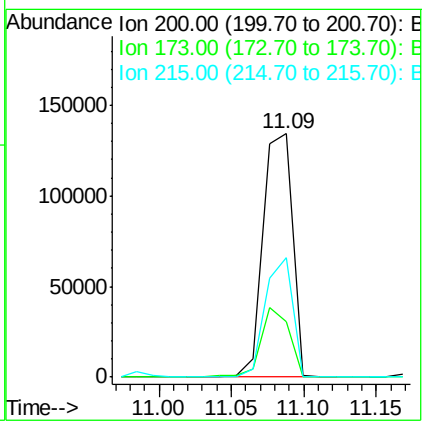


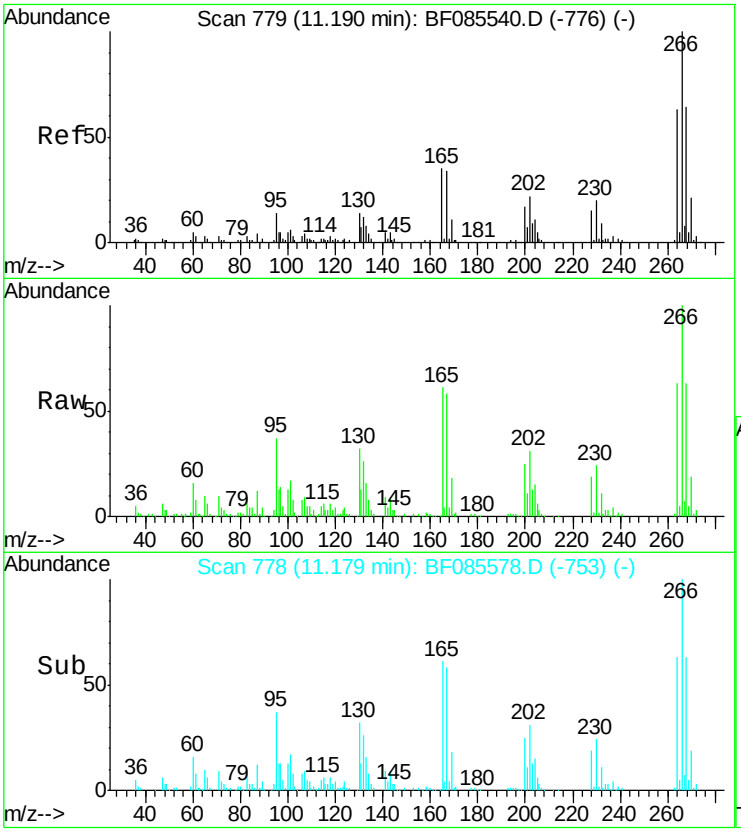


#68
Atrazine
Concen: 85.38 ng
RT: 11.09 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:200 Resp: 188767

Ion	Ratio	Lower	Upper
200	100		
173	22.9	7.7	47.7
215	48.9	25.4	65.4



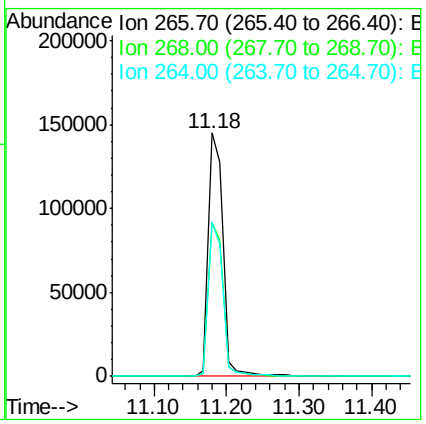


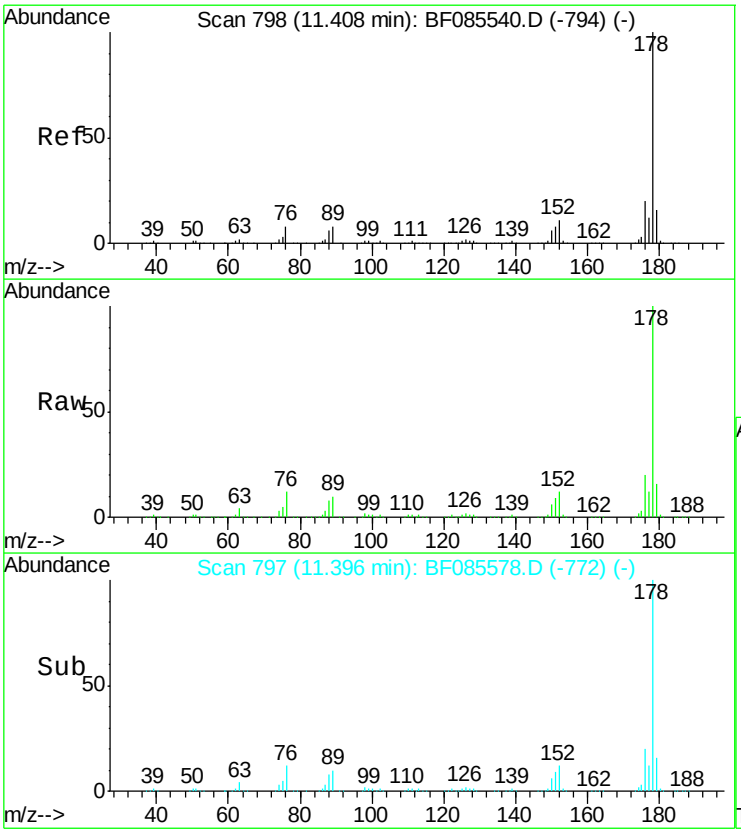
#69
Pentachlorophenol
Concen: 136.14 ng
RT: 11.18 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:266 Resp: 204500

Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.5	77.3
264	63.5	50.6	76.0

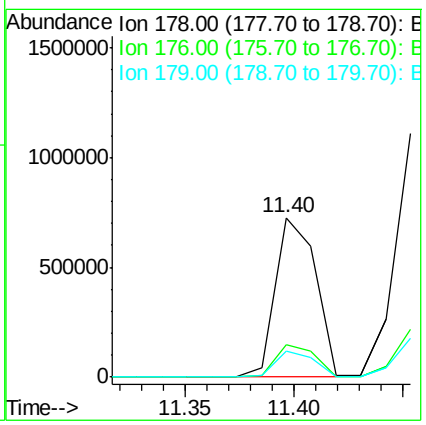


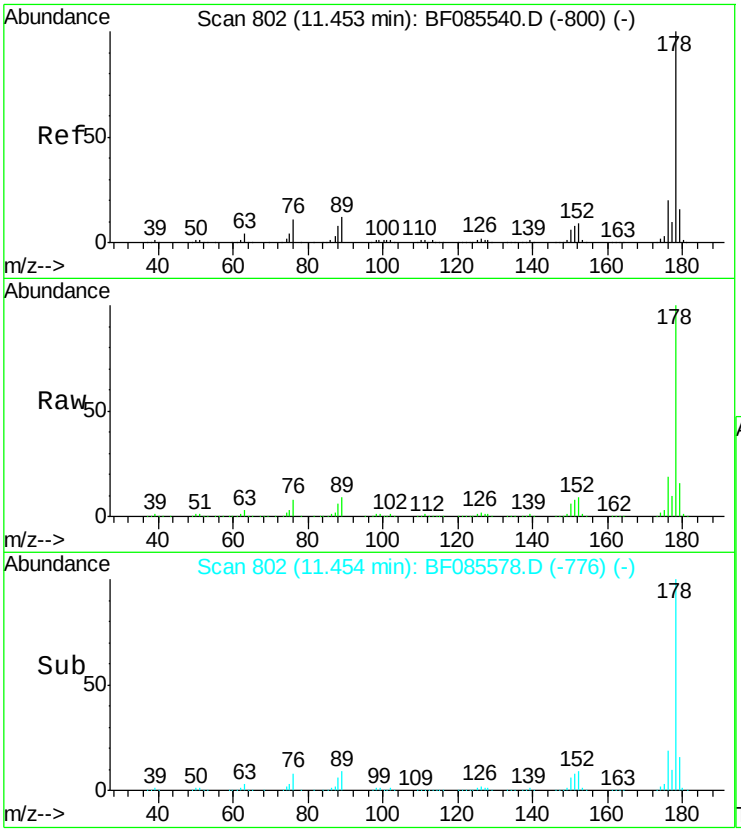


#70
Phenanthrene
Concen: 76.58 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:178 Resp: 941291

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.3	24.5
179	16.1	12.6	18.8



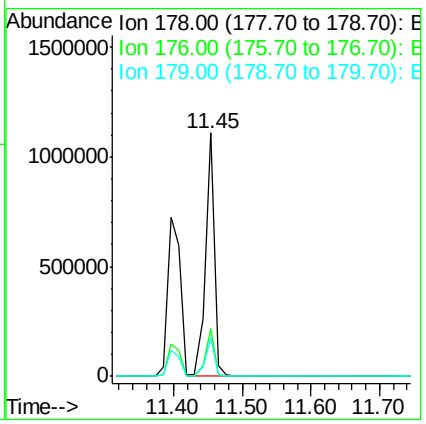


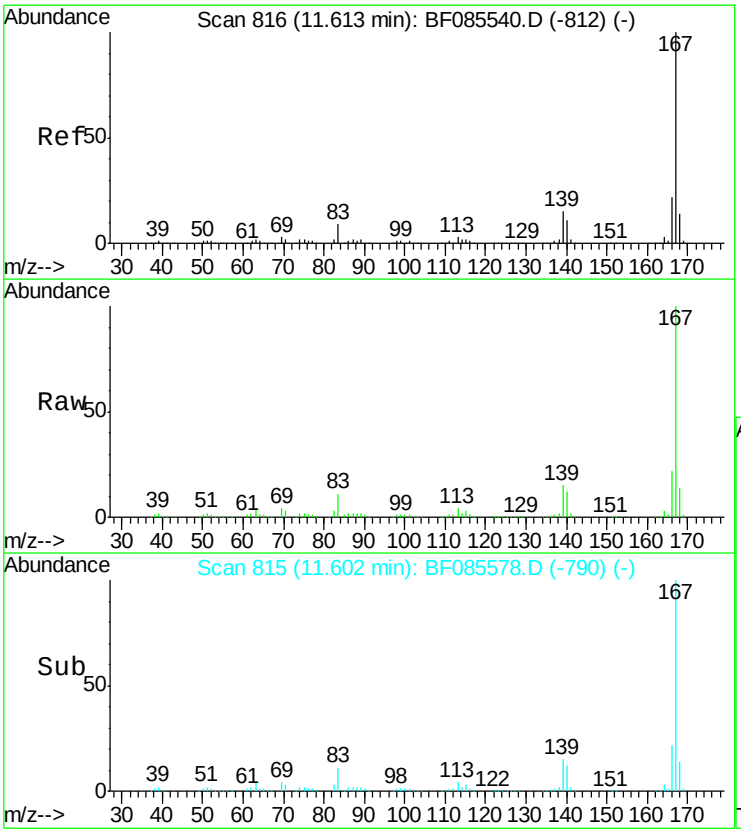
#71
Anthracene
Concen: 77.00 ng
RT: 11.45 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:178 Resp: 992454

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.8	13.0	19.4

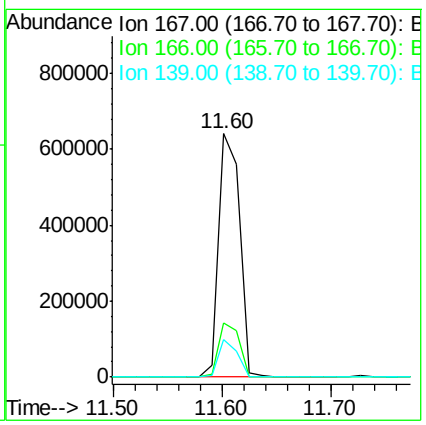


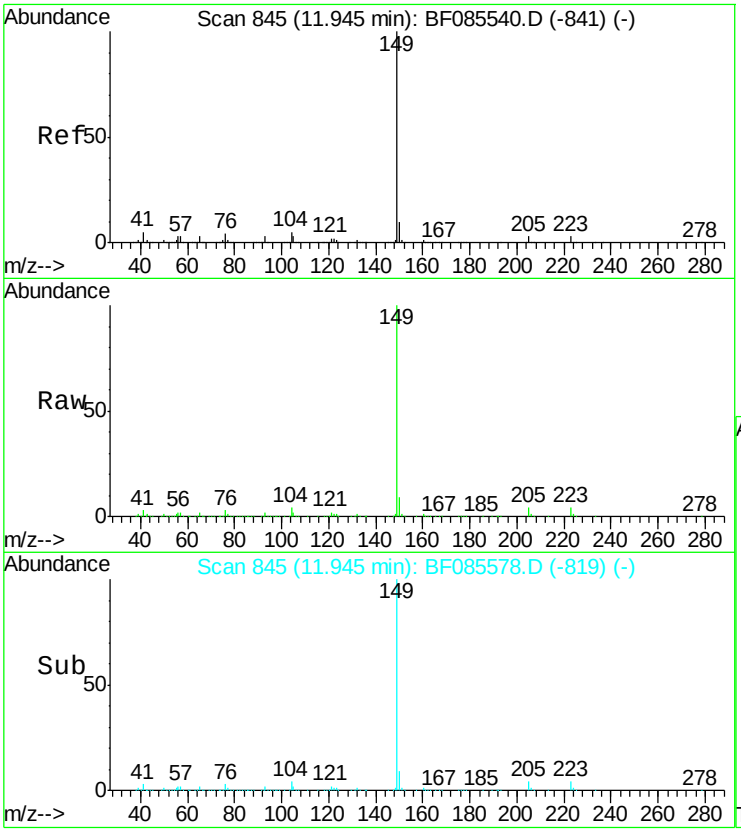


#72
Carbazole
Concen: 77.59 ng
RT: 11.60 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:167 Resp: 862702

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.8
139	15.5	11.6	17.4



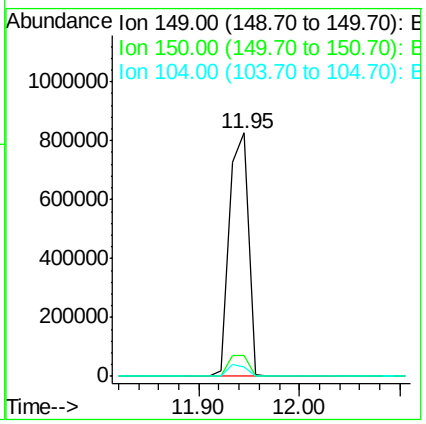


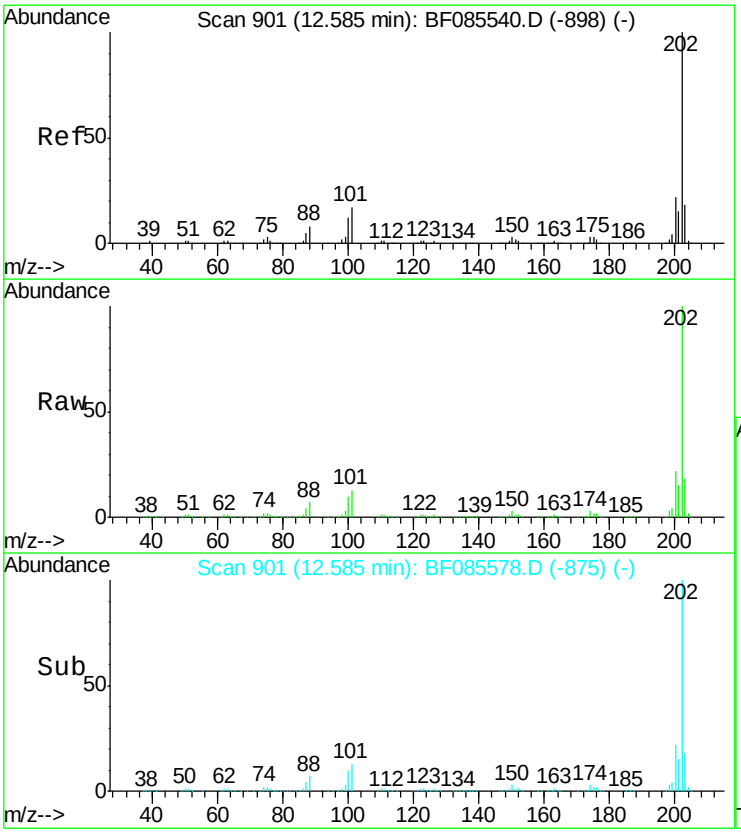
#73
Di-n-butylphthalate
Concen: 77.97 ng
RT: 11.95 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:149 Resp: 1085569

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.6	11.4
104	3.7	3.8	5.8#

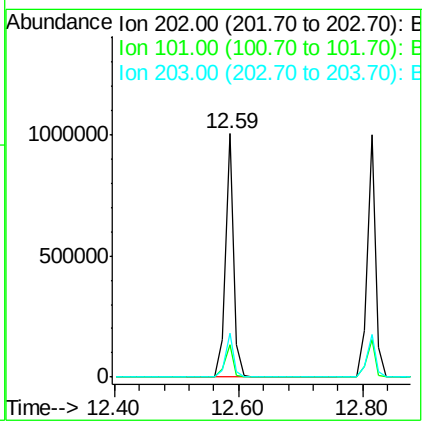


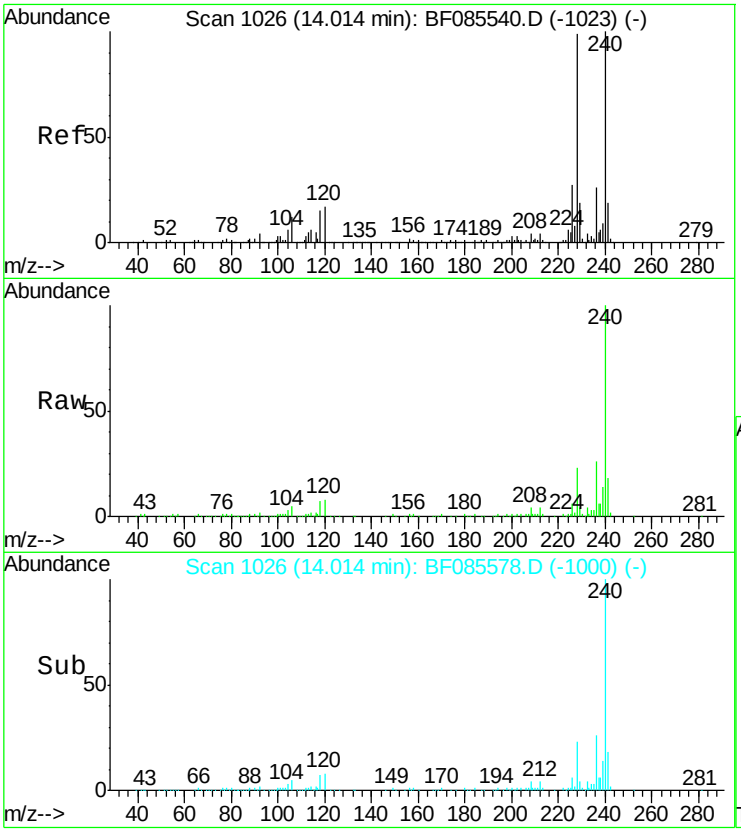


#74
Fluoranthene
Concen: 70.17 ng
RT: 12.59 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:202 Resp: 903088

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	36.6
203	18.1	0.0	38.1



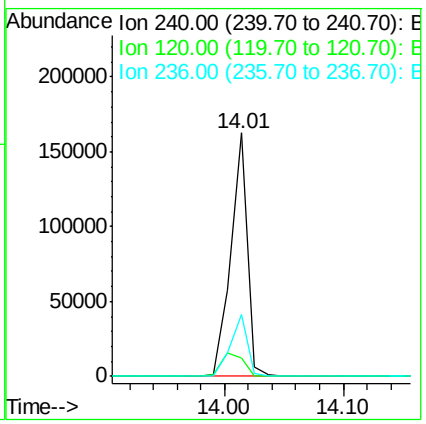


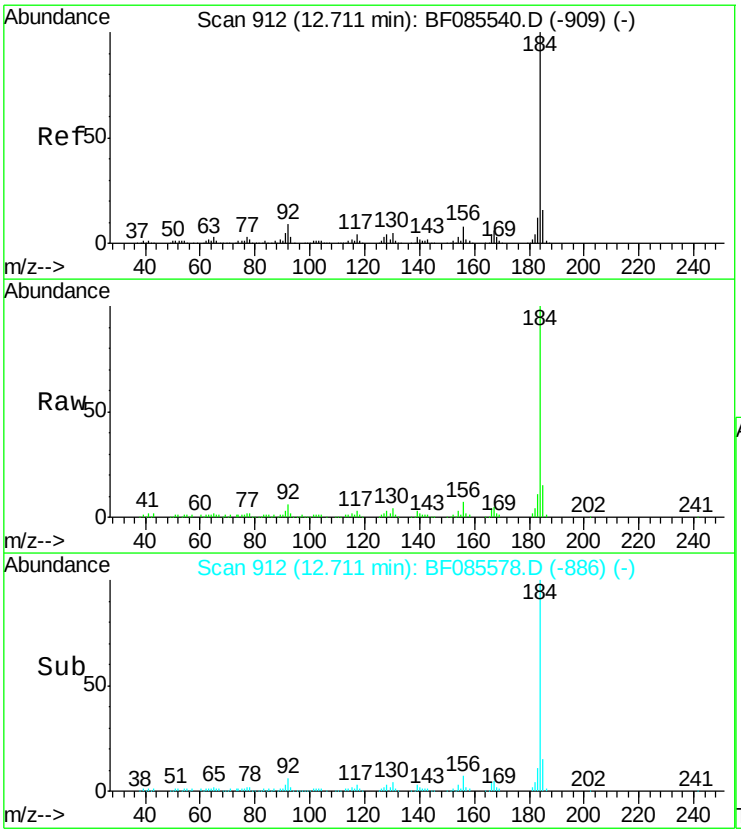
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:240 Resp: 158020

Ion	Ratio	Lower	Upper
240	100		
120	7.8	13.8	20.8#
236	25.6	20.6	30.8

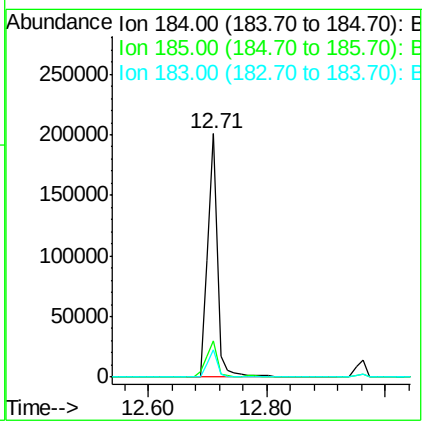


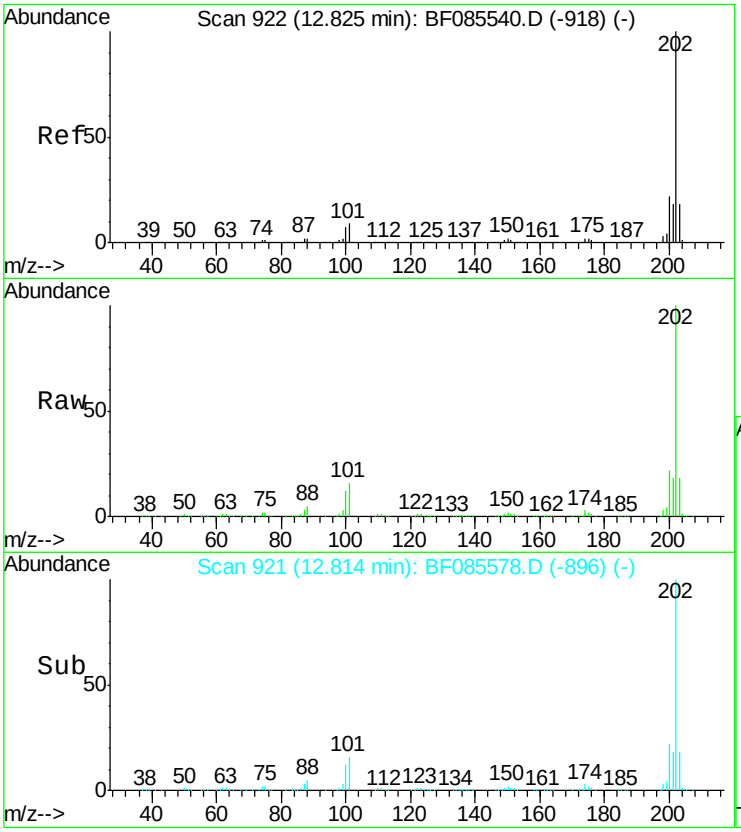


#76
Benzidine
Concen: 43.41 ng
RT: 12.71 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:184 Resp: 230691

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.4	18.6
183	11.1	9.4	14.2



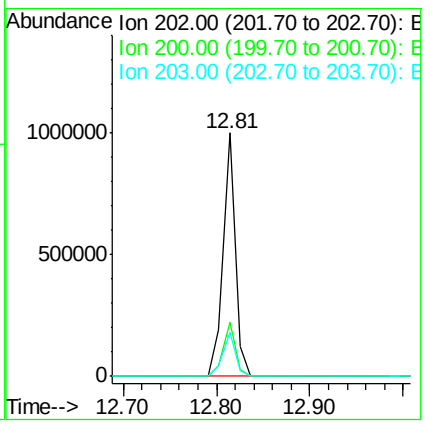


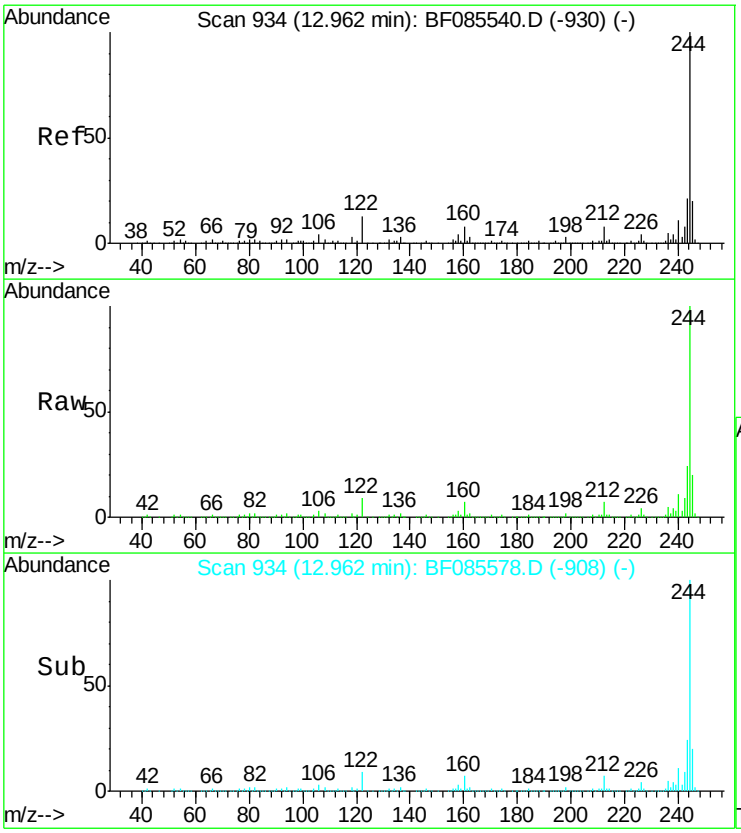
#77
Pyrene
Concen: 80.50 ng
RT: 12.81 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:202 Resp: 913310

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.6	26.4
203	17.8	14.0	21.0

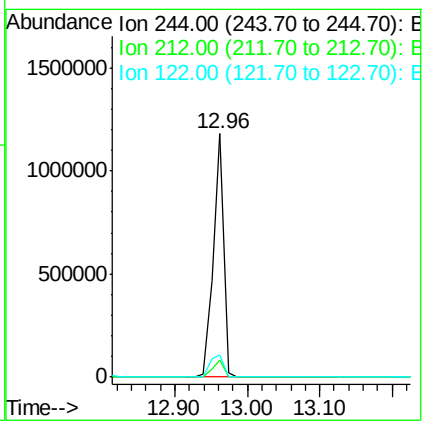


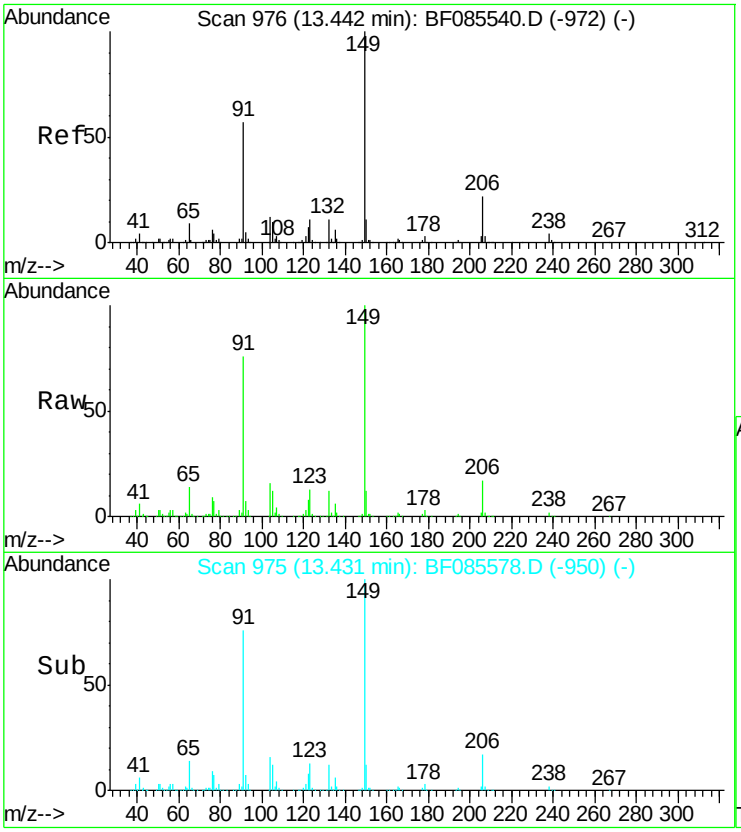


#78
Terphenyl-d14
Concen: 176.51 ng
RT: 12.96 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:244 Resp: 1159069

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	9.3	10.2	15.4#



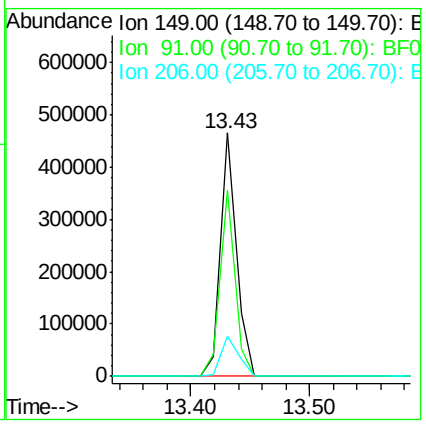


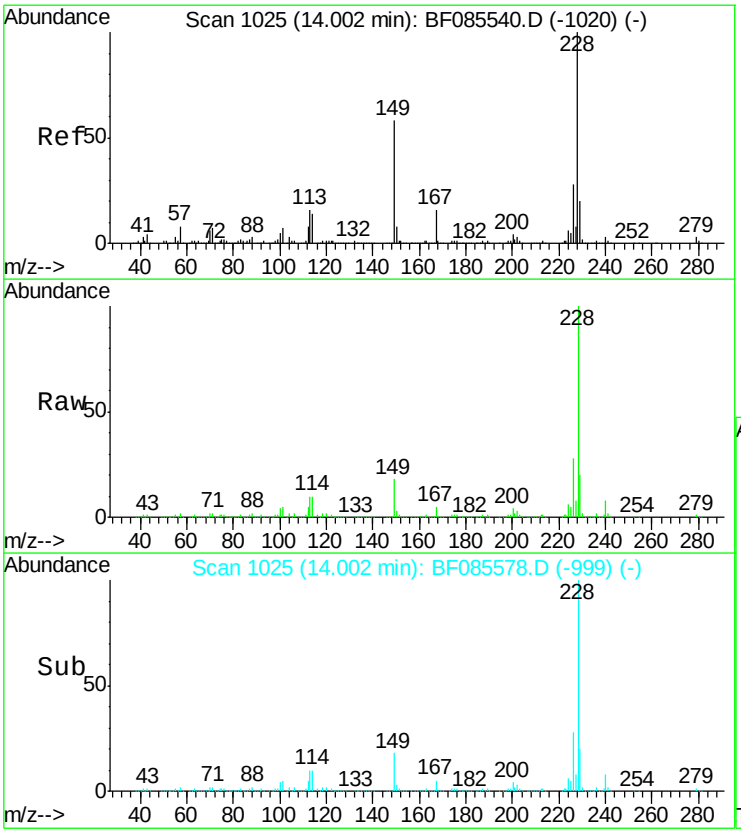
#79
Butylbenzylphthalate
Concen: 79.50 ng
RT: 13.43 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:149 Resp: 429972

Ion	Ratio	Lower	Upper
149	100		
91	76.3	45.8	68.8#
206	16.5	17.8	26.8#

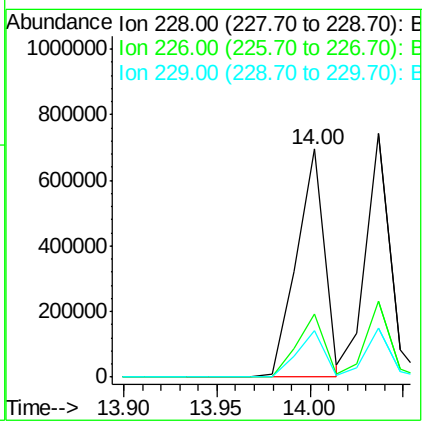


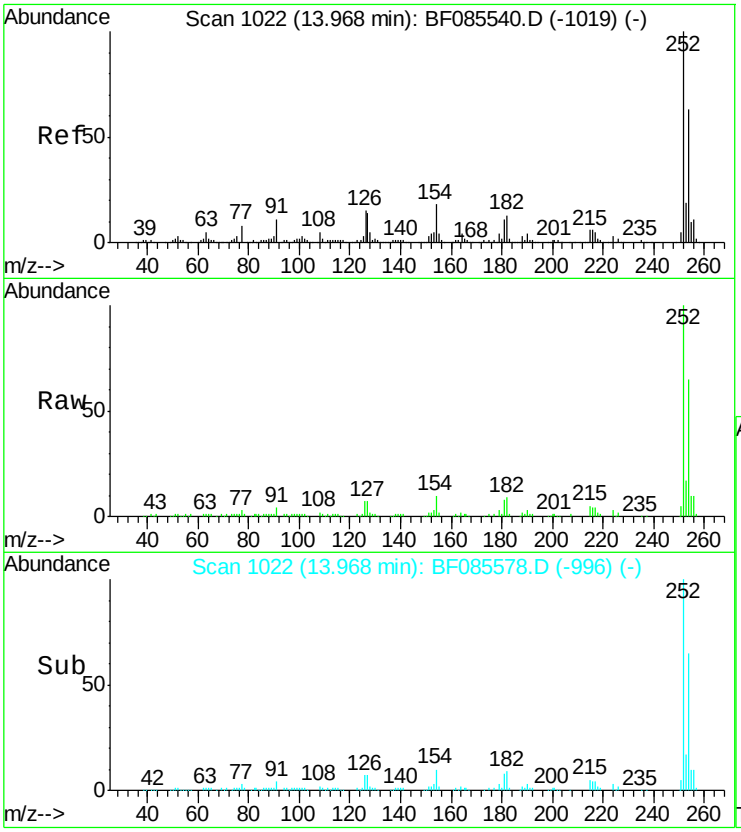


#80
Benzo(a)anthracene
Concen: 79.45 ng
RT: 14.00 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:228 Resp: 728856

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	20.2	16.2	24.4



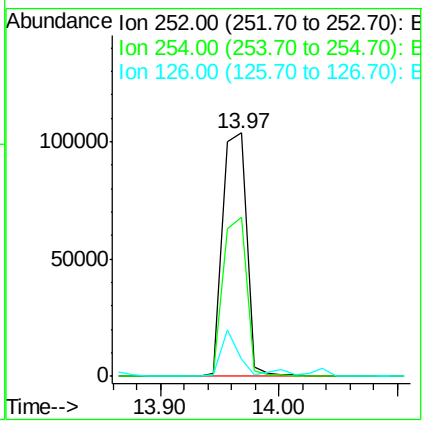


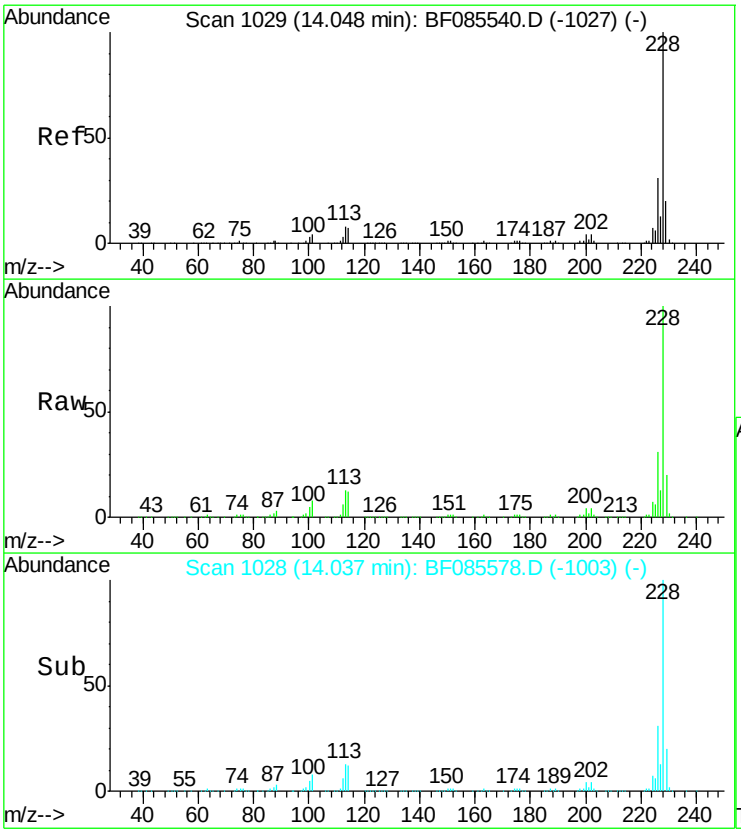
#81
3,3'-Dichlorobenzidine
Concen: 43.15 ng
RT: 13.97 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:252 Resp: 145053

Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.7	76.1
126	7.0	11.8	17.6#

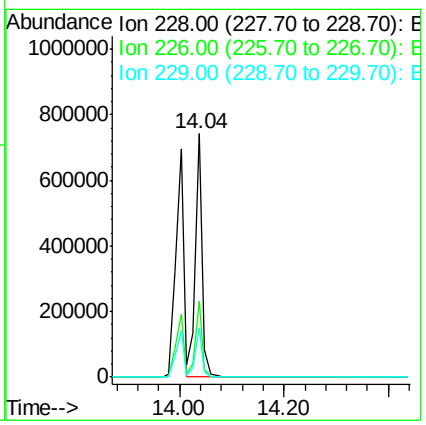


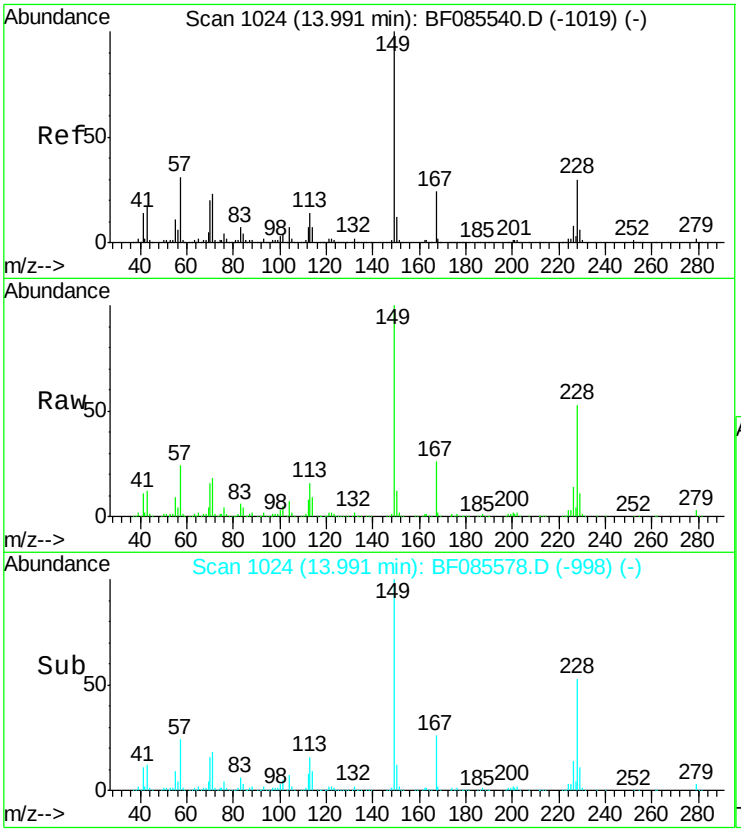


#82
Chrysene
Concen: 76.92 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:228 Resp: 678898

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	19.9	15.7	23.5



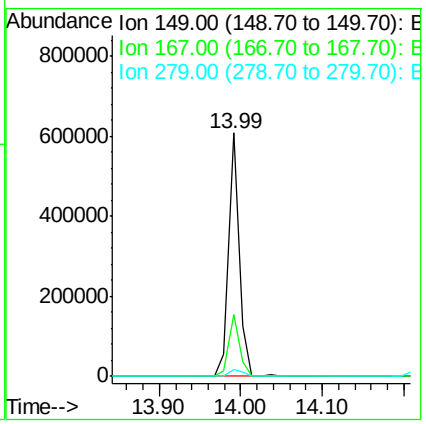


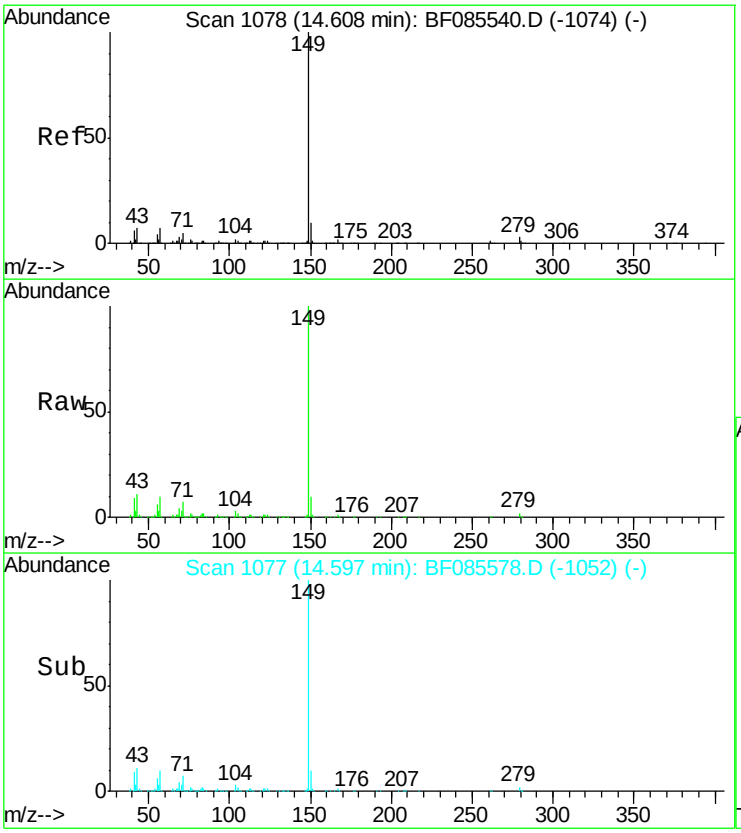
#83
Bis(2-ethylhexyl)phthalate
Concen: 81.47 ng
RT: 13.99 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:149 Resp: 547428

Ion	Ratio	Lower	Upper
149	100		
167	25.6	19.4	29.2
279	2.7	1.5	2.3#

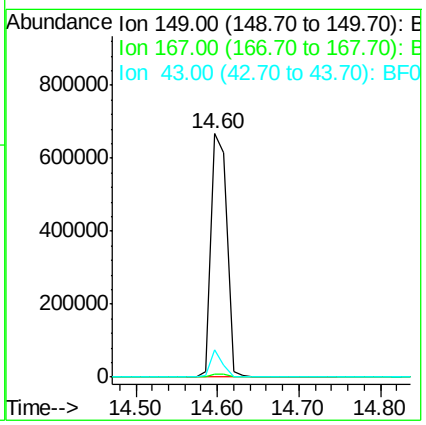


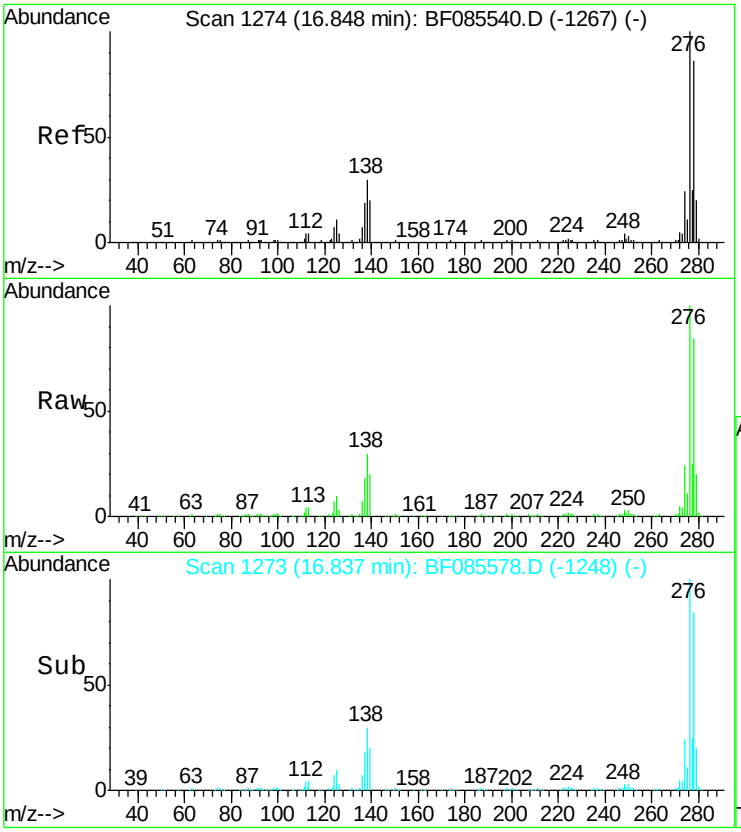


#84
Di-n-octyl phthalate
Concen: 82.82 ng
RT: 14.60 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:149 Resp: 906786

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	8.6	7.1	10.7



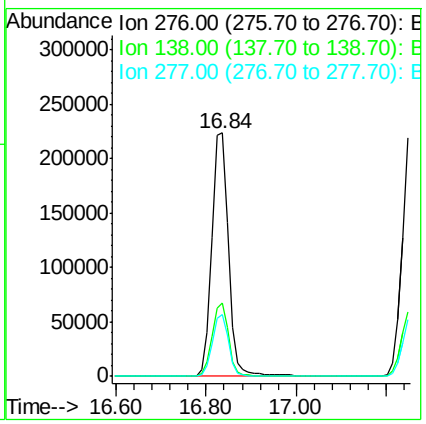


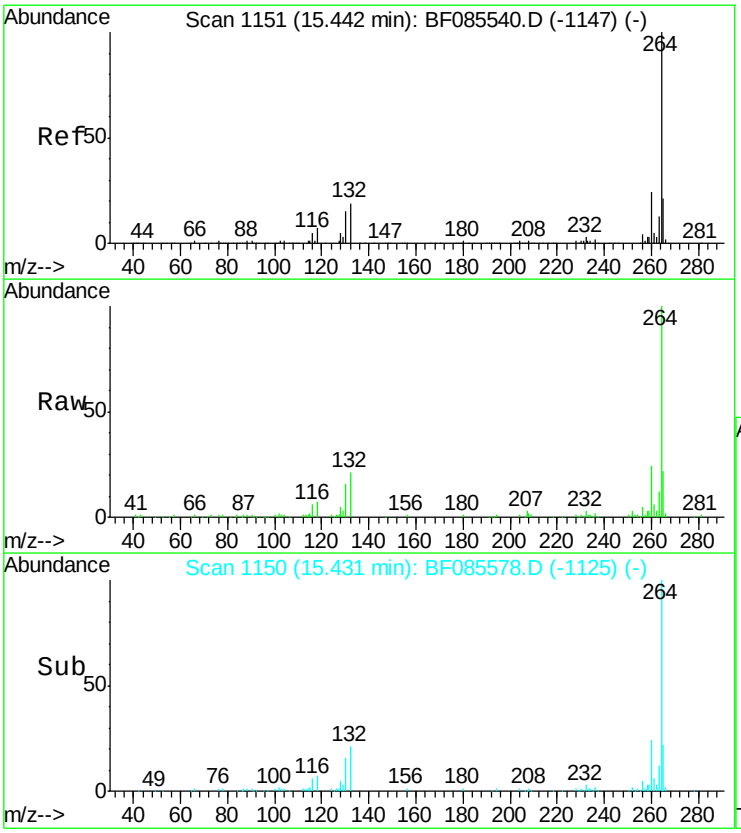
#85
Indeno(1,2,3-cd)pyrene
Concen: 78.81 ng
RT: 16.84 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:276 Resp: 581241

Ion	Ratio	Lower	Upper
276	100		
138	29.8	24.2	36.4
277	25.0	20.0	30.0

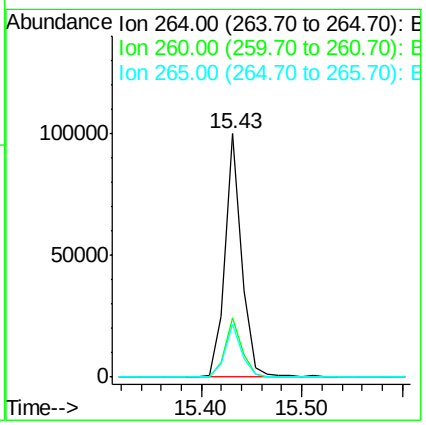


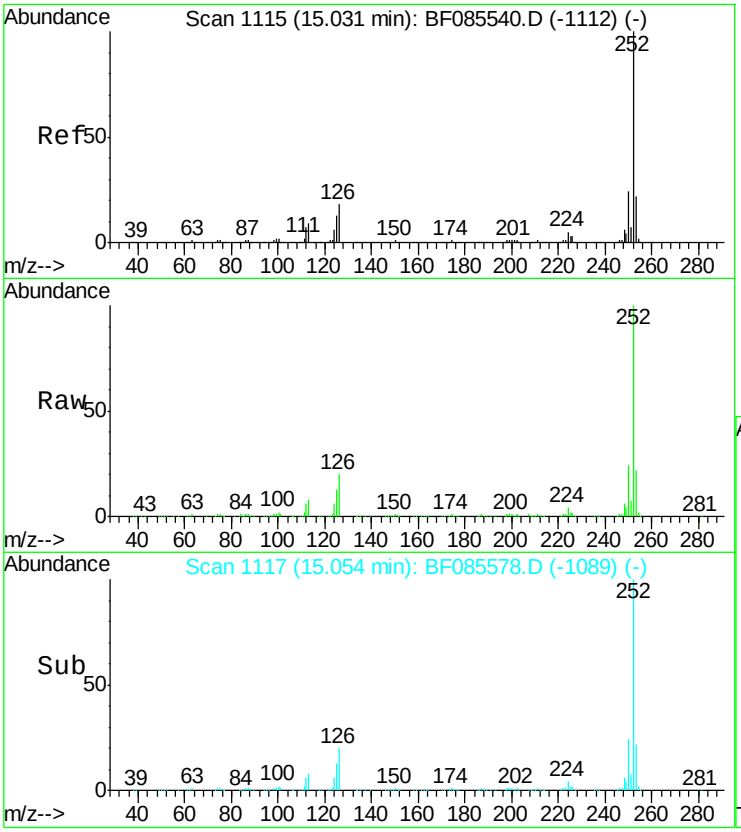


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:264 Resp: 116055

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.9	17.2	25.8



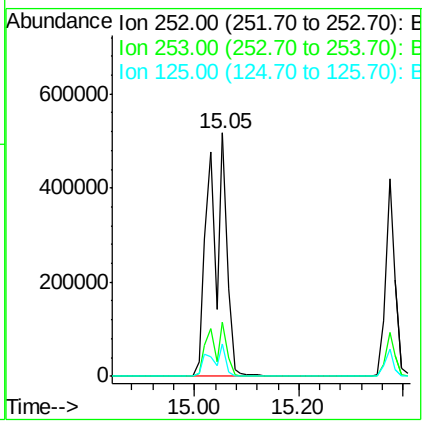


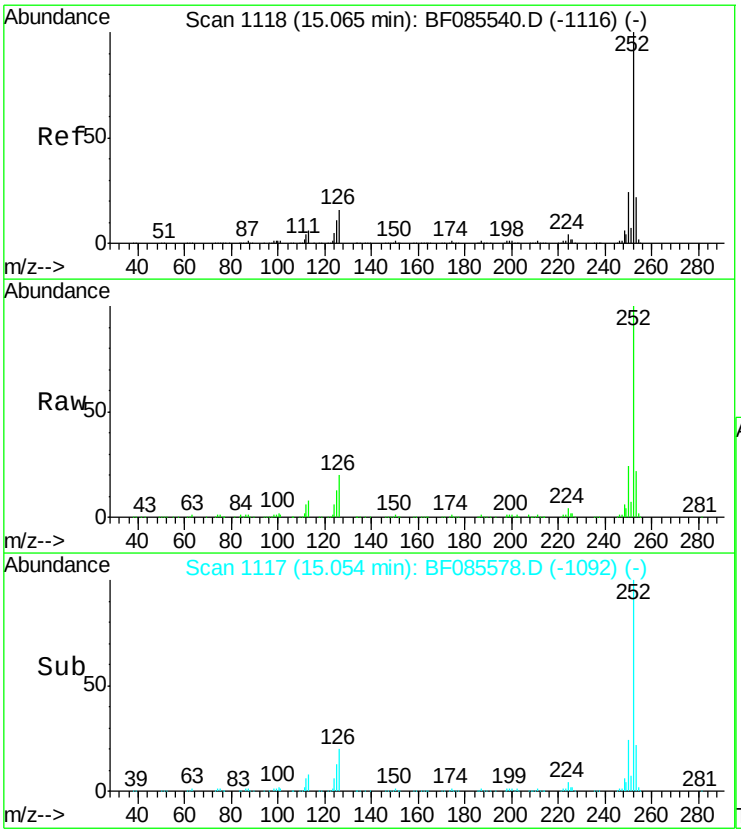
#87
Benzo(b)fluoranthene
Concen: 153.16 ng
RT: 15.05 min Scan# 1117
Delta R.T. 0.02 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:252 Resp: 1159809

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	13.2	10.3	15.5

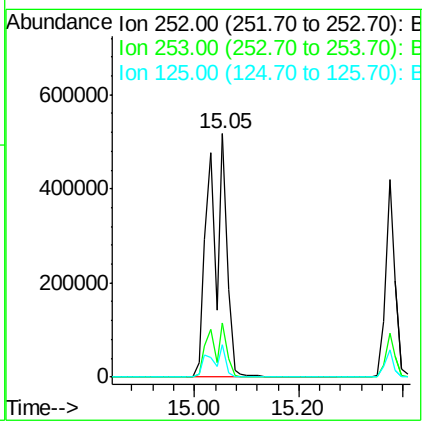


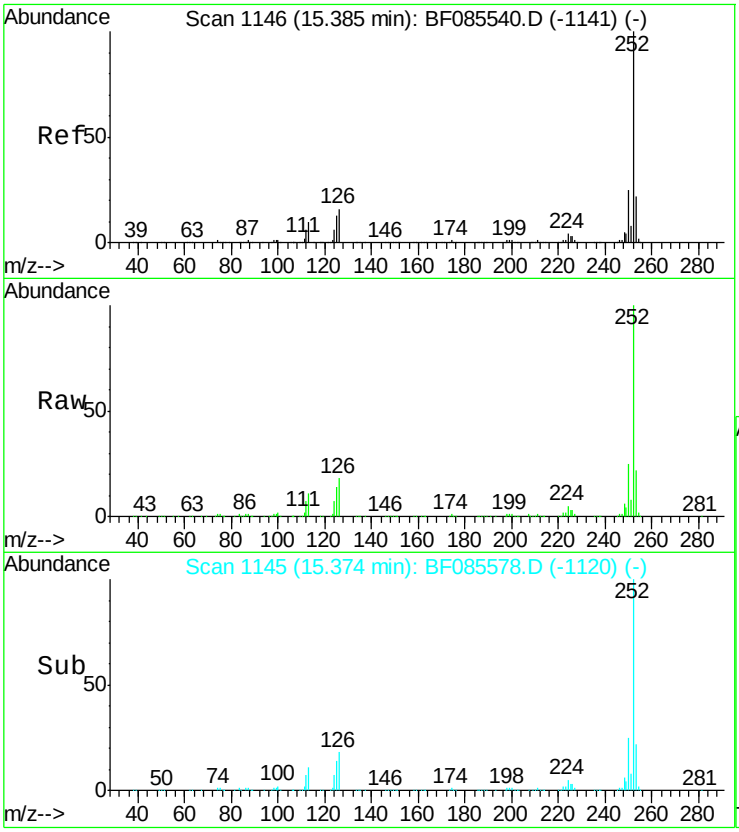


#88
Benzo(k)fluoranthene
Concen: 185.90 ng
RT: 15.05 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:252 Resp: 1159809

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	13.2	7.7	11.5#



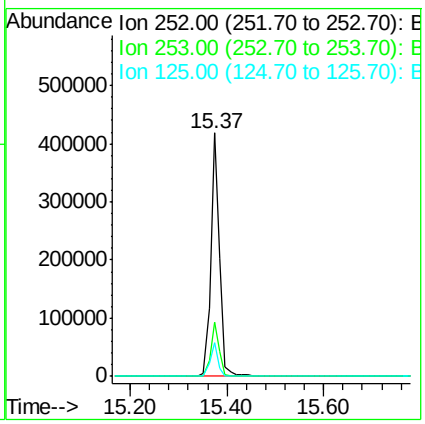


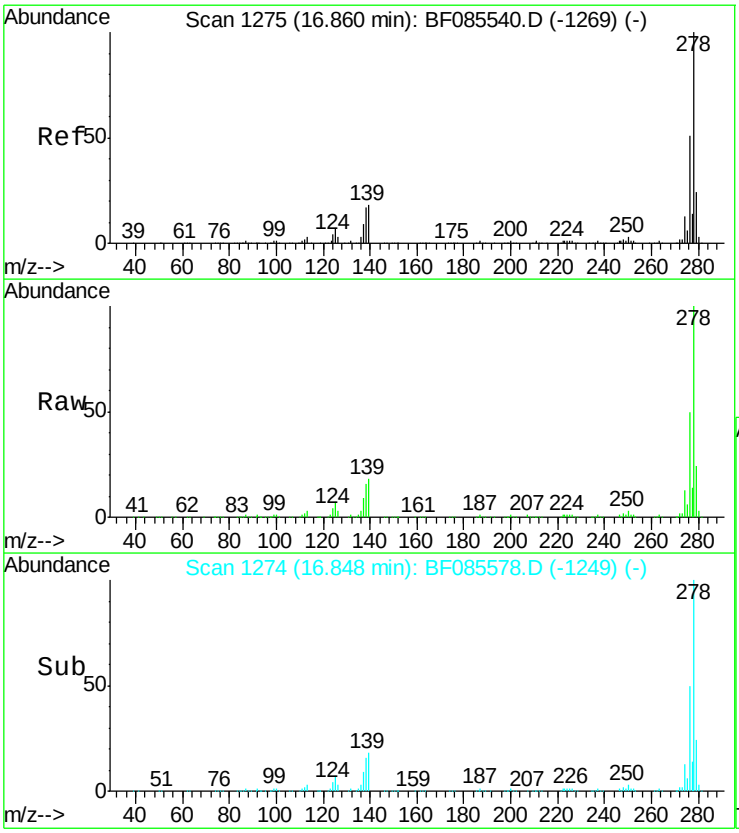
#89
Benzo(a)pyrene
Concen: 83.44 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:252 Resp: 535667

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	14.0	10.3	15.5

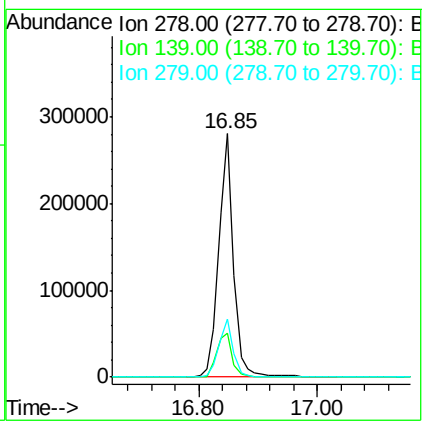


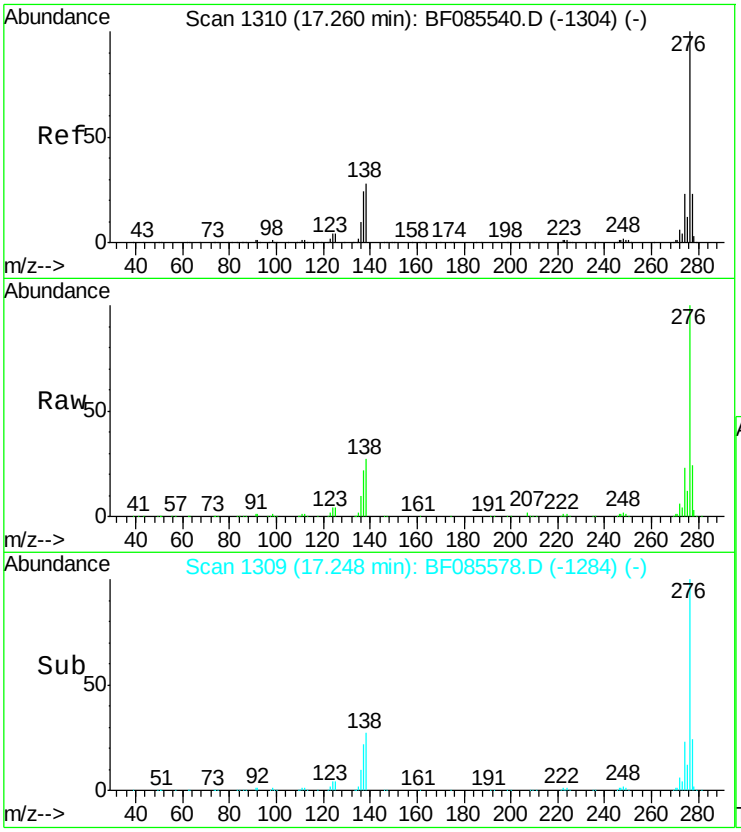


#90
Dibenzo(a,h)anthracene
Concen: 90.80 ng
RT: 16.85 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:278 Resp: 486168

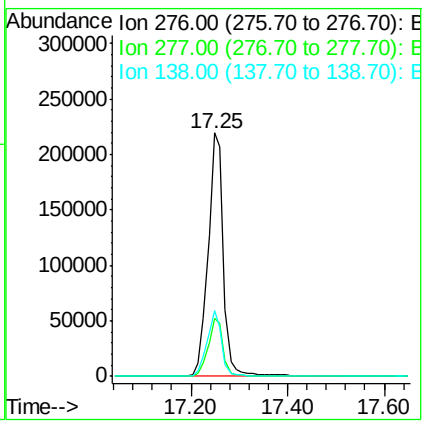
Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.4	21.6
279	23.7	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 95.52 ng
RT: 17.25 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:276 Resp: 495029

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	26.8	22.6	34.0