Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087040.D
Acq On : 15 May 2016 1:02
Operator : UM/SJ
Sample : PB90466BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB90466BS

Quant Time: May 16 04:49:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	429245	20.00	ng		0.07
21) Naphthalene-d8	7.90	136	582545	20.00	ng		-0.09
38) Acenaphthene-d10	9.64	164	281483	20.00	ng		-0.09
63) Phenanthrene-d10	11.13	188	527846	20.00	ng		-0.08
75) Chrysene-d12	13.76	240	330698	20.00	ng		-0.08
86) Perylene-d12	15.11	264	300369	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	947645	37.39	ng		-0.08
7) Phenol-d6	6.40	99	39837	1.18	ng		0.04
23) Nitrobenzene-d5	7.19	82	844289	72.77	ng		-0.08
41) 2,4,6-Tribromophenol	10.44	330	368231	123.57	ng		-0.08
44) 2-Fluorobiphenyl	8.98	172	1410438	84.21	ng		-0.08
78) Terphenyl-d14	12.71	244	1203804	77.23	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	133666	10.74	ng	#	61
3) Pyridine	2.78	79	380607	12.51	ng	#	66
4) n-Nitrosodimethylamine	2.73	42	278285	12.62	ng	#	47
6) Aniline	6.35	93	396748	9.68	ng	#	51
8) 2-Chlorophenol	6.40	128	378728	12.38	ng	#	80
10) Phenol	6.30	94	530849	13.18	ng		81
11) bis(2-Chloroethyl)ether	6.35	93	397772	12.67	ng	#	80
12) 1,3-Dichlorobenzene	6.78	146	357129	10.79	ng	#	83
13) 1,4-Dichlorobenzene	6.63	146	400800	11.87	ng		95
14) 1,2-Dichlorobenzene	6.78	146	357339	12.15	ng	#	93
15) Benzyl Alcohol	6.90	79	228476	9.77	ng	#	23
16) 2,2'-oxybis(1-Chloropropan	6.90	45	747130	10.95	ng		54
17) 2-Methylphenol	7.06	107	420903	17.29	ng	#	80
18) Hexachloroethane	7.12	117	152463	12.01	ng		97
19) n-Nitroso-di-n-propylamine	7.19	70	120324	5.08	ng	#	71
20) 3+4-Methylphenols	7.06	107	420903	13.24	ng	#	61
22) Acetophenone	7.04	105	558719	40.61	ng		96
24) Nitrobenzene	7.21	77	460596	38.59	ng		92
25) Isophorone	7.45	82	831033	38.61	ng		98
26) 2-Nitrophenol	7.53	139	196040	37.37	ng		96
27) 2,4-Dimethylphenol	7.59	122	340472	38.10	ng		95
28) bis(2-Chloroethoxy)methane	7.67	93	496446	42.76	ng		99
29) 2,4-Dichlorophenol	7.78	162	314090	39.93	ng		94
30) 1,2,4-Trichlorobenzene	7.85	180	337652	38.39	ng		99
31) Naphthalene	7.92	128	1053691	36.11	ng		99
32) Benzoic acid	7.74	122	174517	33.25	ng	#	81
33) 4-Chloroaniline	7.99	127	91628	8.08	ng	#	91
34) Hexachlorobutadiene	8.04	225	192940	37.81	ng		96
35) Caprolactam	8.36	113	74905	27.99	ng	#	57
36) 4-Chloro-3-methylphenol	8.49	107	347360	36.42	ng		87
37) 2-Methylnaphthalene	8.62	142	744506	43.65	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	289441	35.37	ng		98
40) Hexachlorocyclopentadiene	8.76	237	252214	64.93	ng		96
42) 2,4,6-Trichlorophenol	8.90	196	199711	36.49	ng		95

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087040.D
Acq On : 15 May 2016 1:02
Operator : UM/SJ
Sample : PB90466BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB90466BS

Quant Time: May 16 04:49:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.96	196	195129	34.48	ng		95
45) 1,1'-Biphenyl	9.08	154	870083	38.86	ng		98
46) 2-Chloronaphthalene	9.10	162	647705	36.92	ng	#	92
47) 2-Nitroaniline	9.21	65	255017	39.78	ng	#	76
48) Acenaphthylene	9.51	152	978175	37.91	ng		99
49) Dimethylphthalate	9.39	163	829821	38.64	ng		100
50) 2,6-Dinitrotoluene	9.45	165	158133	34.99	ng	#	66
51) Acenaphthene	9.68	154	601318	37.47	ng		99
52) 3-Nitroaniline	9.62	138	64281	13.51	ng		83
53) 2,4-Dinitrophenol	9.74	184	106682	49.44	ng		90
54) Dibenzofuran	9.85	168	867820	42.12	ng		91
55) 4-Nitrophenol	9.85	139	580935	177.24	ng	#	22
56) 2,4-Dinitrotoluene	9.86	165	235096	42.03	ng	#	78
57) Fluorene	10.19	166	635083	36.14	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	180076	42.26	ng		98
59) Diethylphthalate	10.09	149	843147	40.29	ng		97
60) 4-Chlorophenyl-phenylether	10.19	204	338367	44.03	ng		89
61) 4-Nitroaniline	10.24	138	155092	33.94	ng	#	71
62) Azobenzene	10.35	77	988116	43.77	ng		87
64) 4,6-Dinitro-2-methylphenol	10.26	198	96239	29.35	ng	#	21
65) n-Nitrosodiphenylamine	10.32	169	675370	41.65	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	200515	37.47	ng	#	87
67) Hexachlorobenzene	10.74	284	254755	40.73	ng	#	91
68) Atrazine	10.86	200	213800	39.47	ng		96
69) Pentachlorophenol	10.95	266	203818	70.51	ng		97
70) Phenanthrene	11.15	178	1162552	41.27	ng		100
71) Anthracene	11.20	178	1050688	36.47	ng		99
72) Carbazole	11.37	167	1055384	42.62	ng		100
73) Di-n-butylphthalate	11.70	149	1212808	40.10	ng	#	98
74) Fluoranthene	12.33	202	1046423	36.12	ng		98
76) Benzidine	12.47	184	231535	27.46	ng		96
77) Pyrene	12.56	202	1154232	45.59	ng		100
79) Butylbenzylphthalate	13.19	149	478496	44.68	ng	#	71
80) Benzo(a)anthracene	13.75	228	807966	43.52	ng		98
81) 3,3'-Dichlorobenzidine	13.71	252	142986	12.12	ng	#	97
82) Chrysene	13.78	228	843347	44.66	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	609727	47.33	ng	#	96
84) Di-n-octyl phthalate	14.35	149	1026693	48.12	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.37	276	728741	46.38	ng		95
87) Benzo(b)fluoranthene	14.74	252	1365066	69.93	ng		98
88) Benzo(k)fluoranthene	14.74	252	1365462	85.43	ng		100
89) Benzo(a)pyrene	15.06	252	679015	40.33	ng		98
90) Dibenzo(a,h)anthracene	16.37	278	611200	43.07	ng		98
91) Benzo(g,h,i)perylene	16.73	276	620823	43.06	ng	#	92

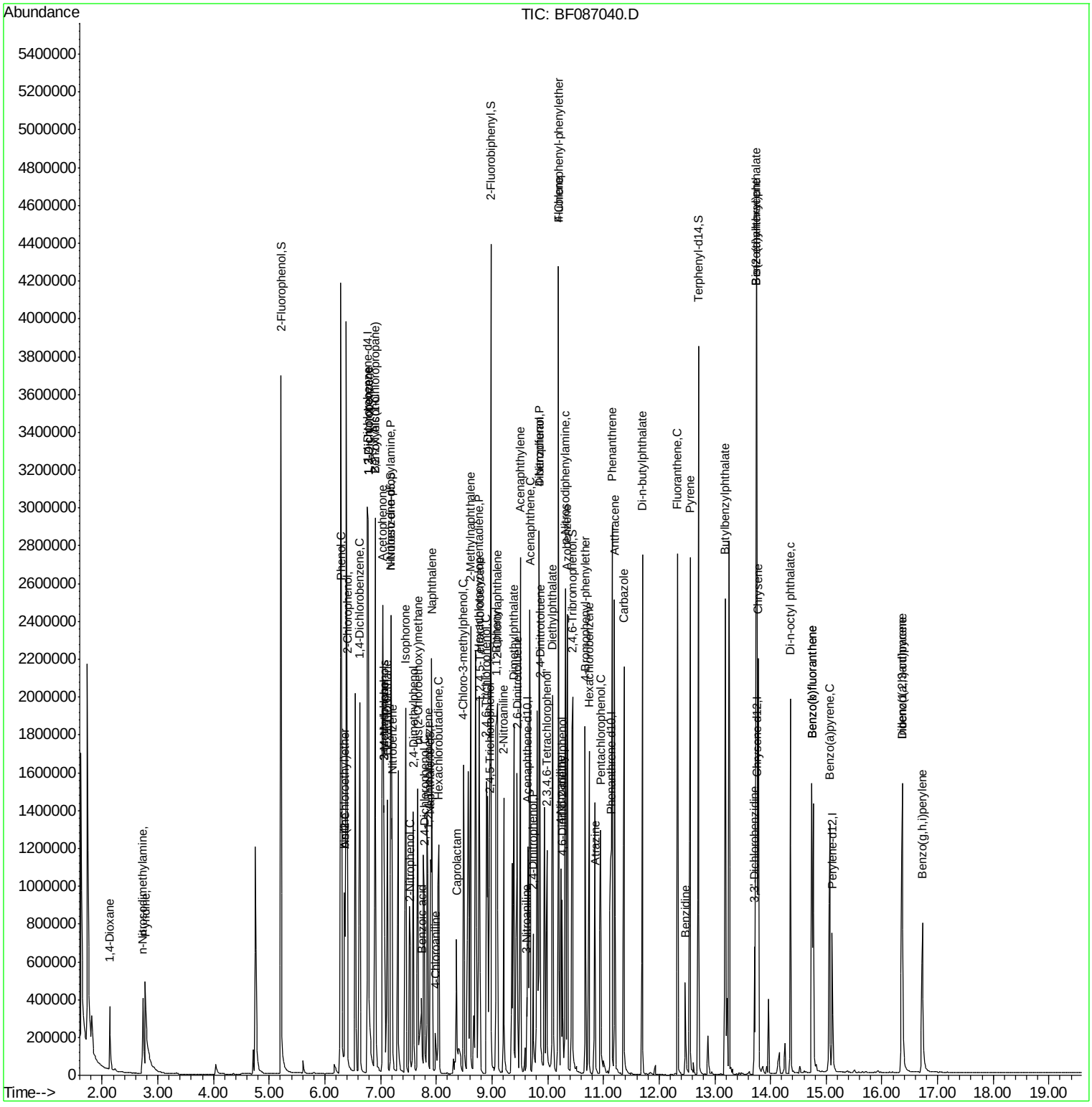
(#) = qualifier out of range (m) = manual integration (+) = signals summed

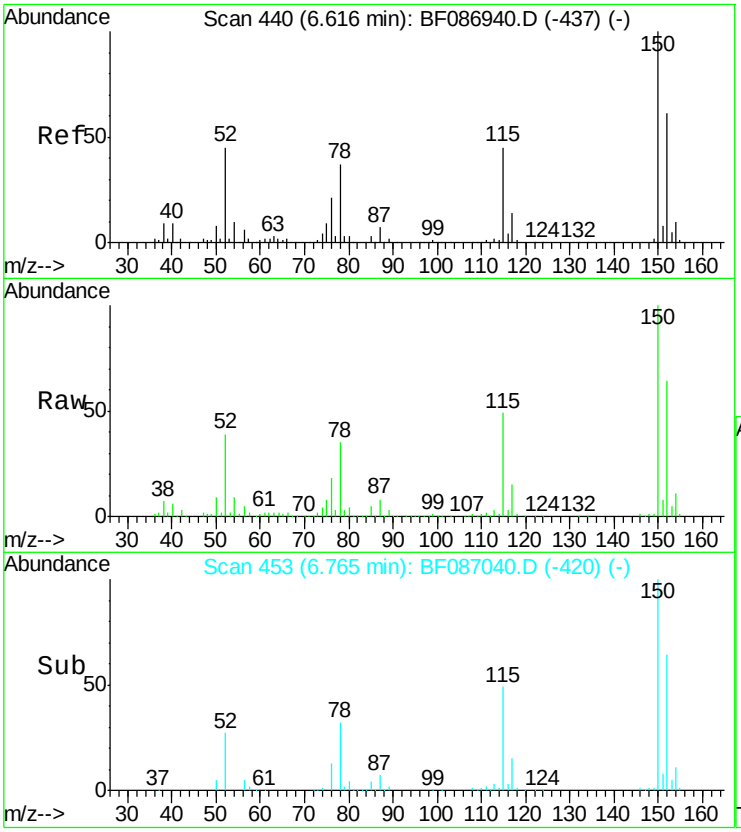
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087040.D
Acq On : 15 May 2016 1:02
Operator : UM/SJ
Sample : PB90466BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Quant Time: May 16 04:49:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration



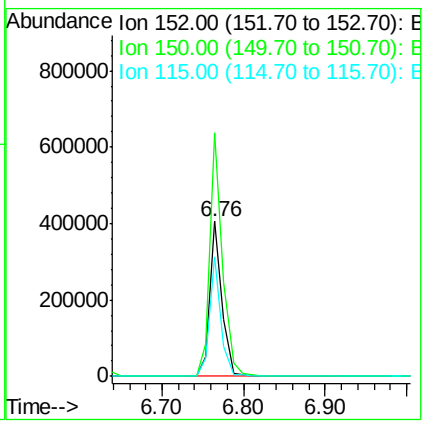


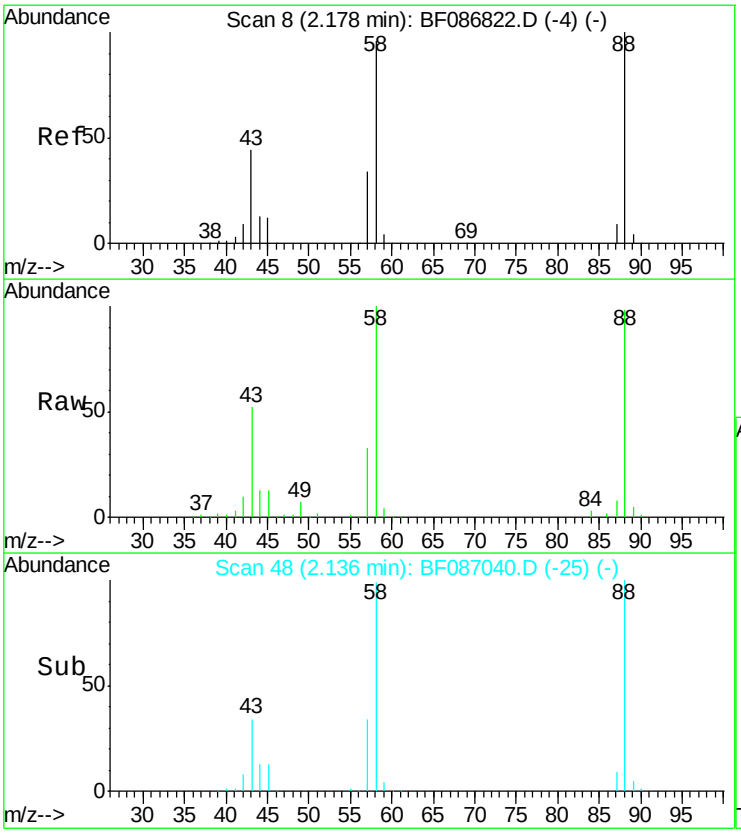
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.07 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:152 Resp: 429245

Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.8	188.6
115	76.9	51.5	77.3

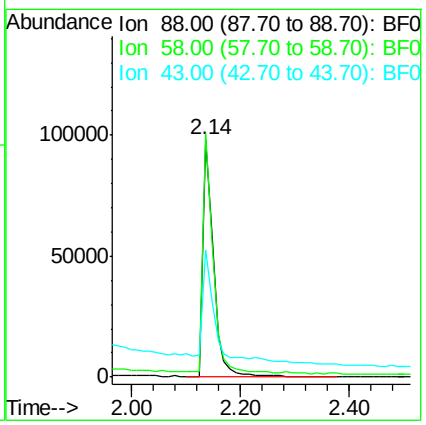


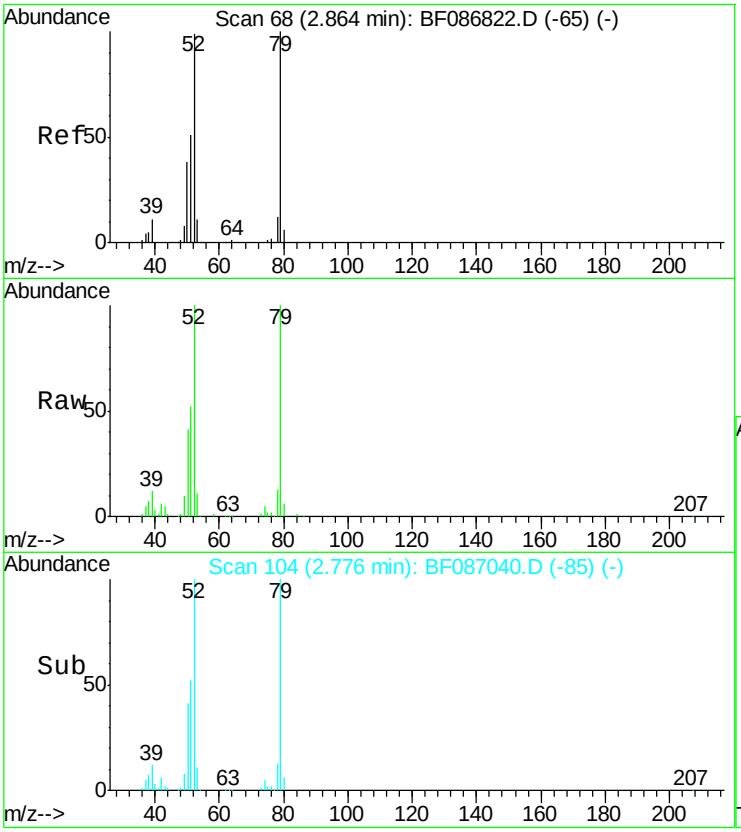


#2
1,4-Dioxane
Concen: 10.74 ng
RT: 2.14 min Scan# 48
Delta R.T. -0.04 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion: 88 Resp: 133666

Ion	Ratio	Lower	Upper
88	100		
58	97.3	59.6	89.4#
43	64.2	21.8	32.6#



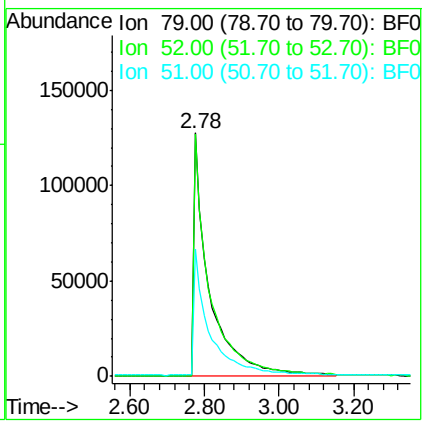


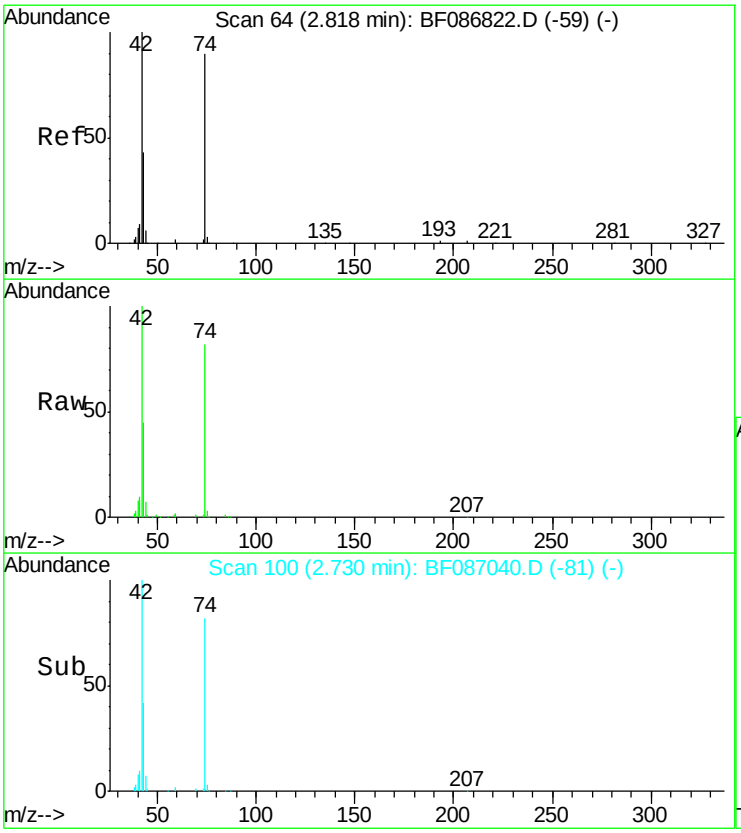
#3
Pyridine
Concen: 12.51 ng
RT: 2.78 min Scan# 104
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion: 79 Resp: 380607

Ion	Ratio	Lower	Upper
79	100		
52	99.8	55.9	83.9#
51	52.4	28.1	42.1#

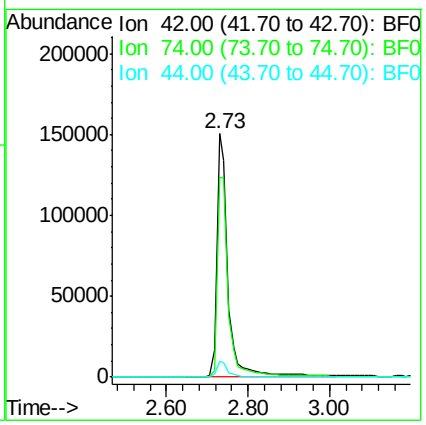


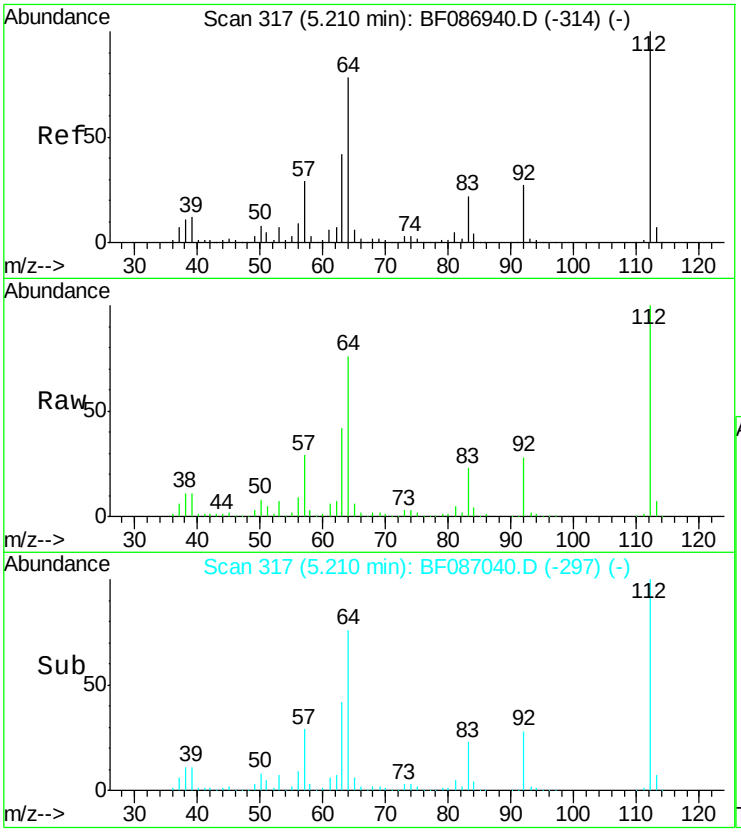


#4
n-Nitrosodimethylamine
Concen: 12.62 ng
RT: 2.73 min Scan# 100
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion: 42 Resp: 278285

Ion	Ratio	Lower	Upper
42	100		
74	82.0	123.4	185.0#
44	6.7	5.8	8.6



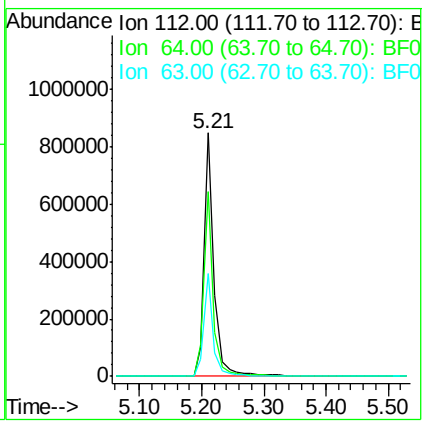


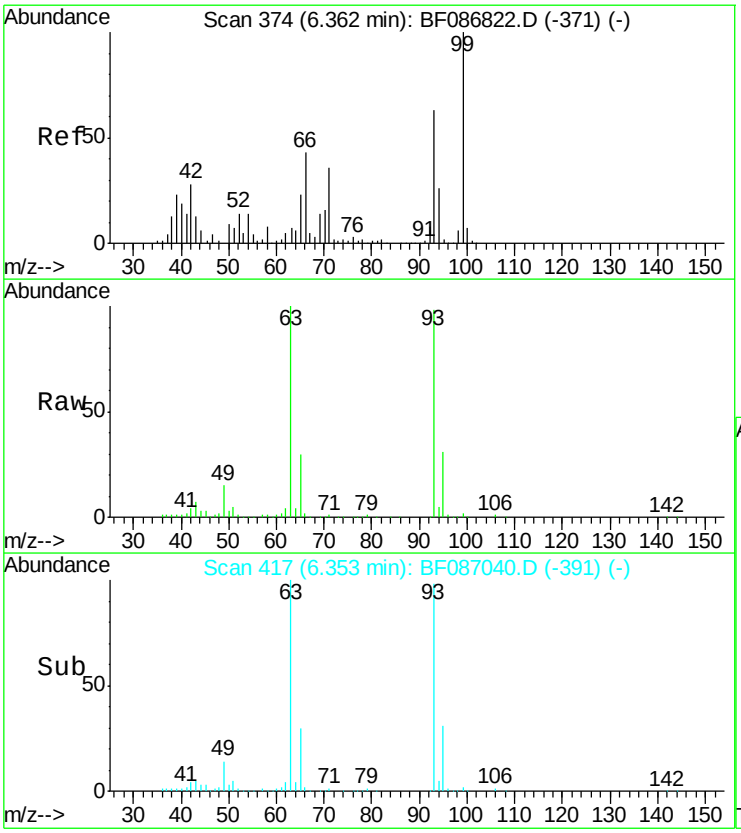
#5
2-Fluorophenol
Concen: 37.39 ng
RT: 5.21 min Scan# 317
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:112 Resp: 947645

Ion	Ratio	Lower	Upper
112	100		
64	76.1	52.1	78.1
63	42.0	25.7	38.5#

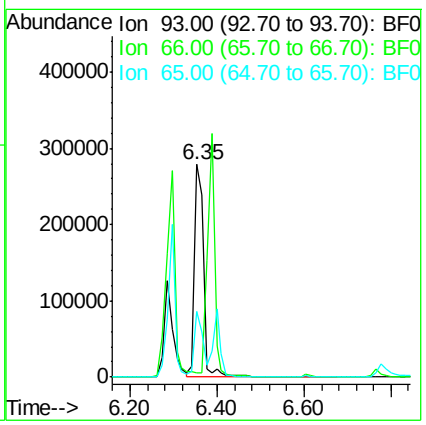


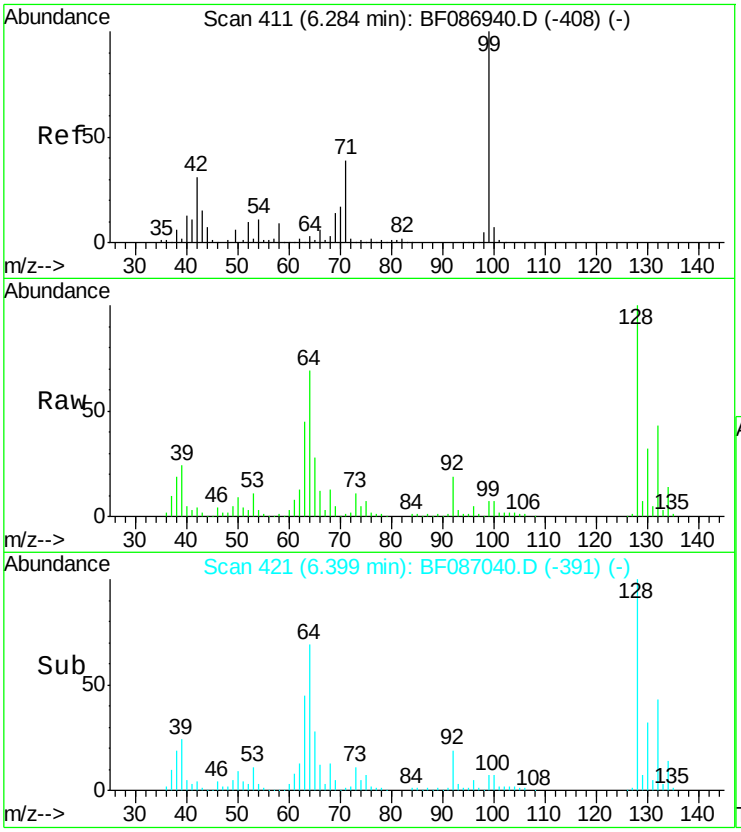


#6
Aniline
Concen: 9.68 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion: 93 Resp: 396748

Ion	Ratio	Lower	Upper
93	100		
66	1.8	39.0	58.6#
65	30.9	20.6	31.0



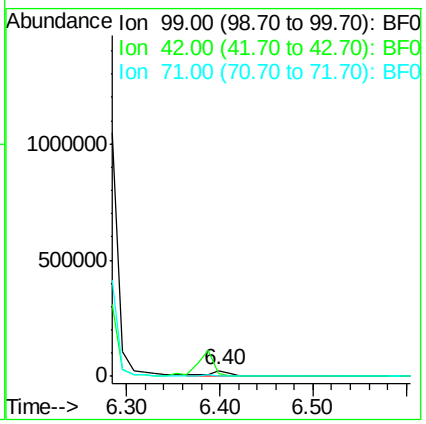


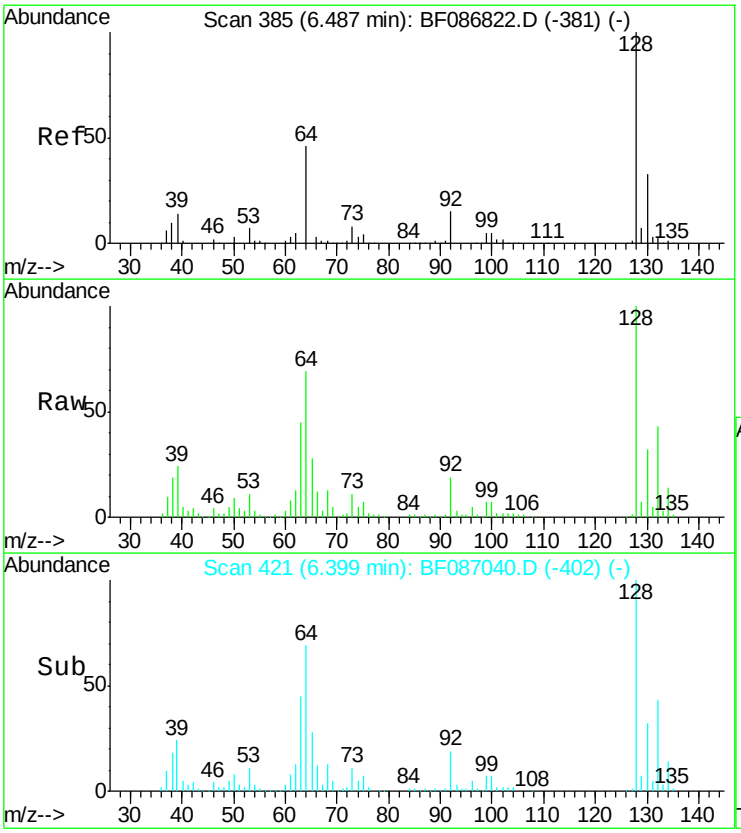
#7
Phenol-d6
Concen: 1.18 ng
RT: 6.40 min Scan# 421
Delta R.T. 0.04 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion: 99 Resp: 39837

Ion	Ratio	Lower	Upper
99	100		
42	52.0	13.6	20.4#
71	10.0	24.6	36.8#

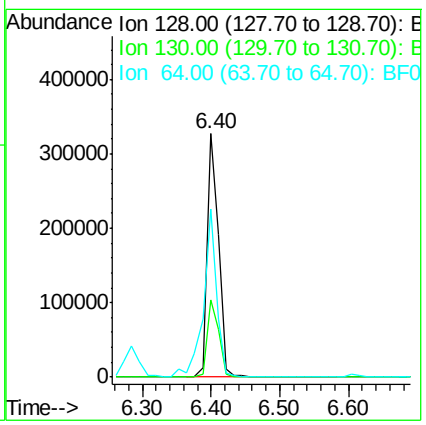


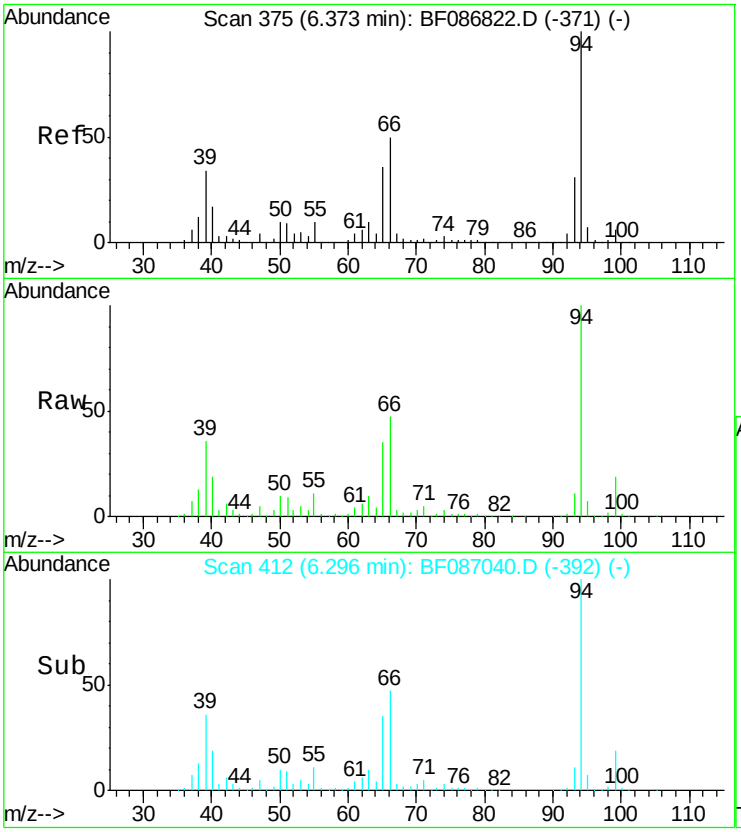


#8
2-Chlorophenol
Concen: 12.38 ng
RT: 6.40 min Scan# 421
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:128 Resp: 378728

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.5	52.5
64	68.9	27.3	67.3#



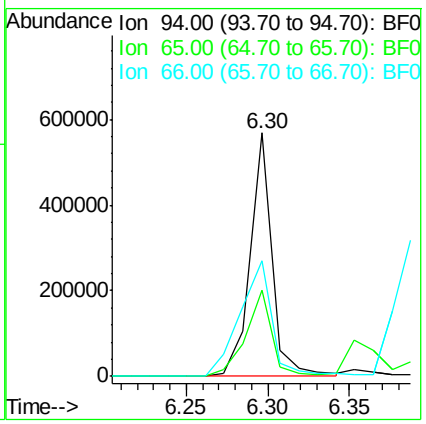


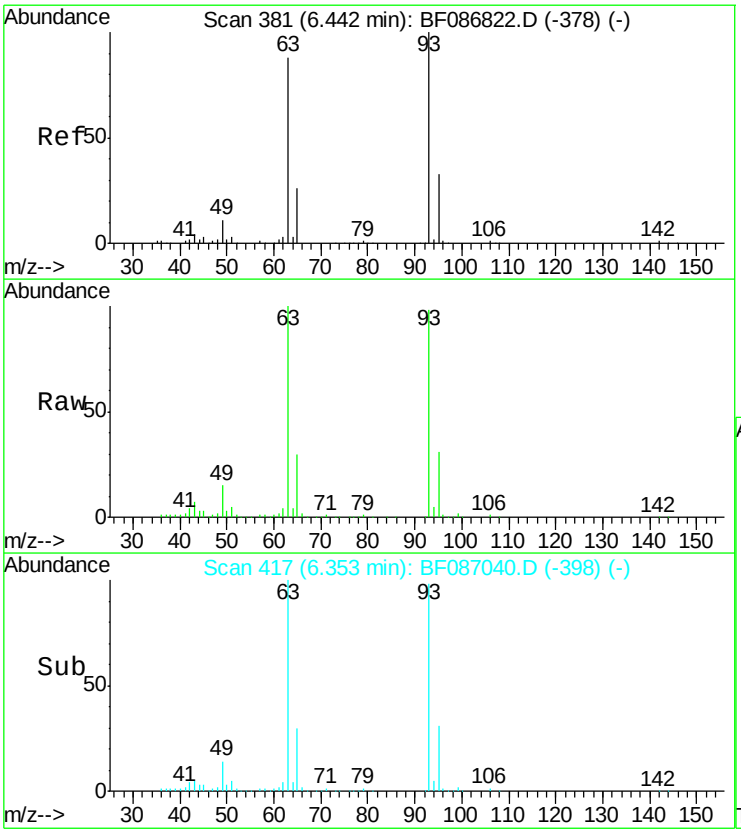
#10
Phenol
Concen: 13.18 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion: 94 Resp: 530849

Ion	Ratio	Lower	Upper
94	100		
65	35.2	7.2	47.2
66	47.5	14.9	54.9

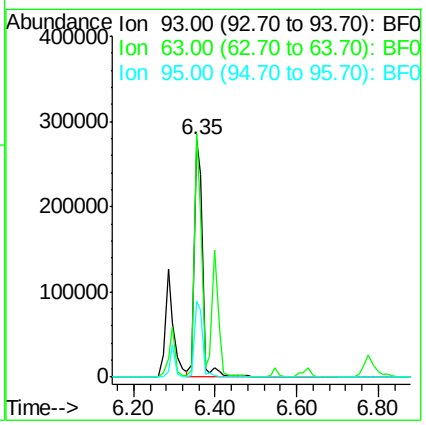


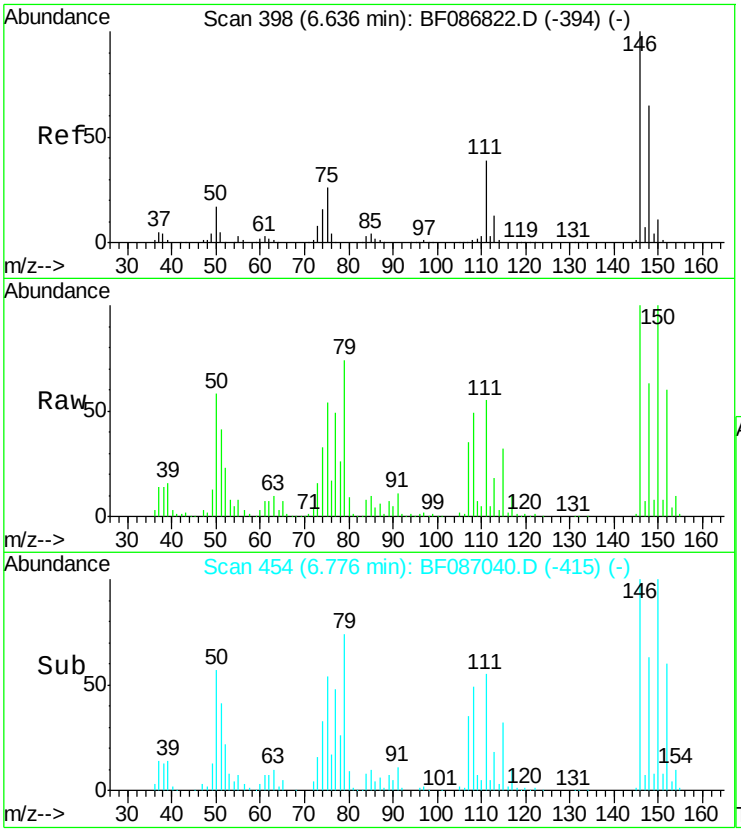


#11
bis(2-Chloroethyl)ether
Concen: 12.67 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion: 93 Resp: 397772

Ion	Ratio	Lower	Upper
93	100		
63	102.5	58.0	98.0#
95	31.8	11.9	51.9



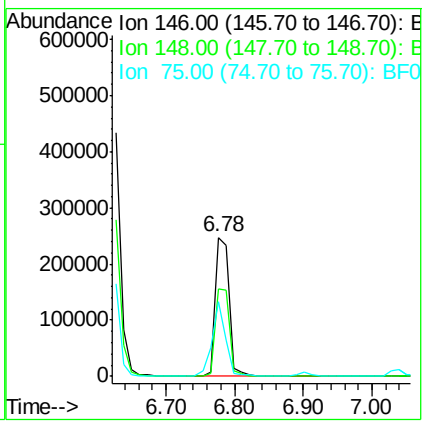


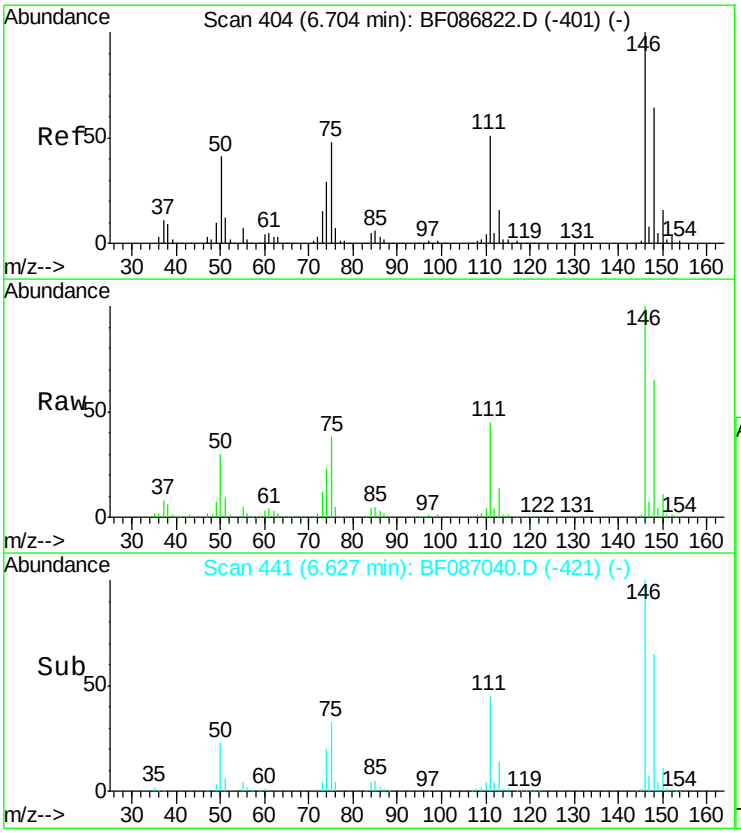
#12
1,3-Dichlorobenzene
Concen: 10.79 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.14 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:146 Resp: 357129

Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.4	78.6
75	53.7	22.8	34.2#

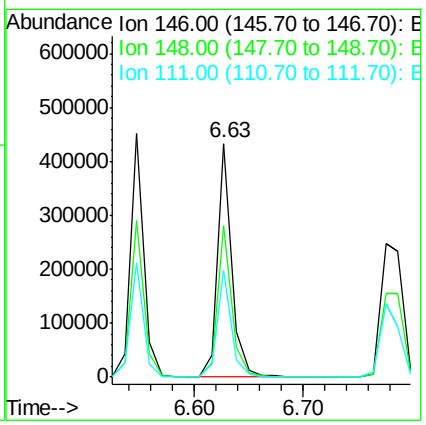


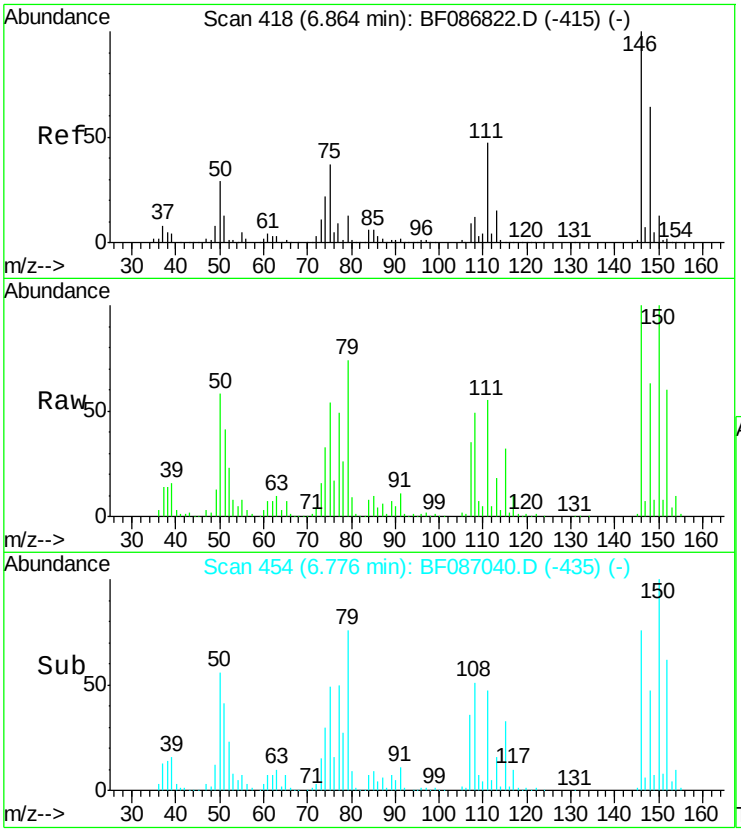


#13
1,4-Dichlorobenzene
Concen: 11.87 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:146 Resp: 400800

Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.4
111	45.4	30.7	46.1



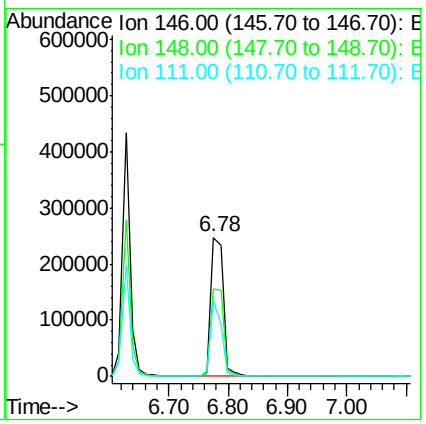


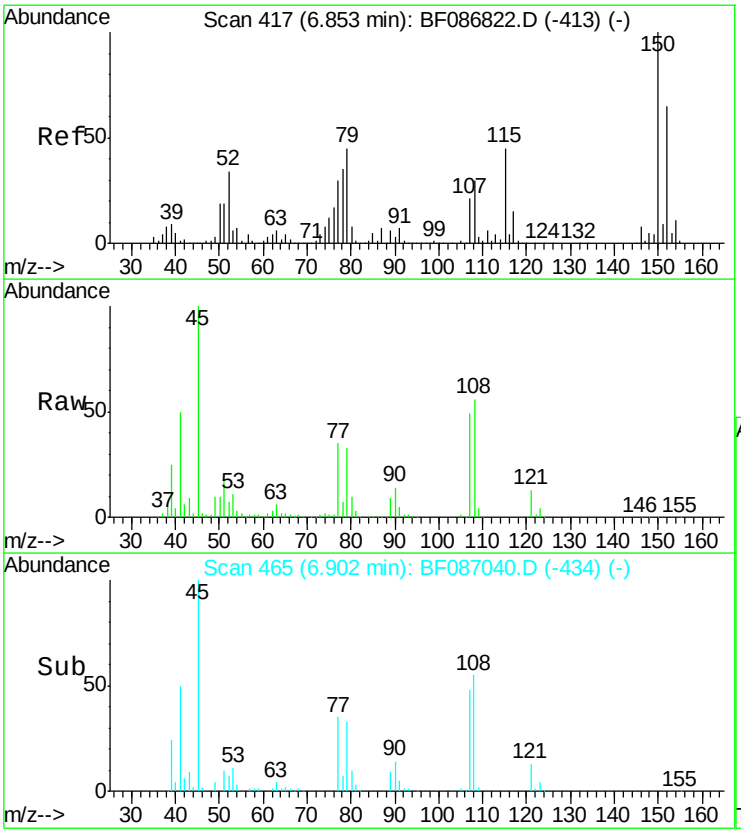
#14
1,2-Dichlorobenzene
Concen: 12.15 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:146 Resp: 357339

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.0	76.6
111	55.0	36.2	54.4#

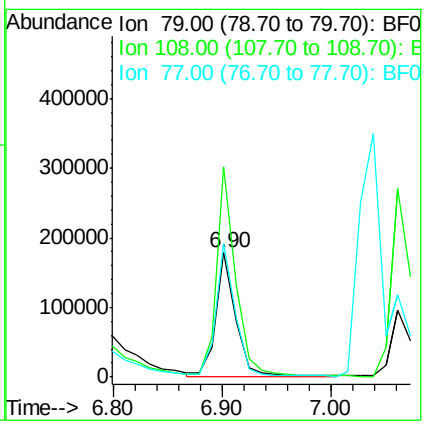


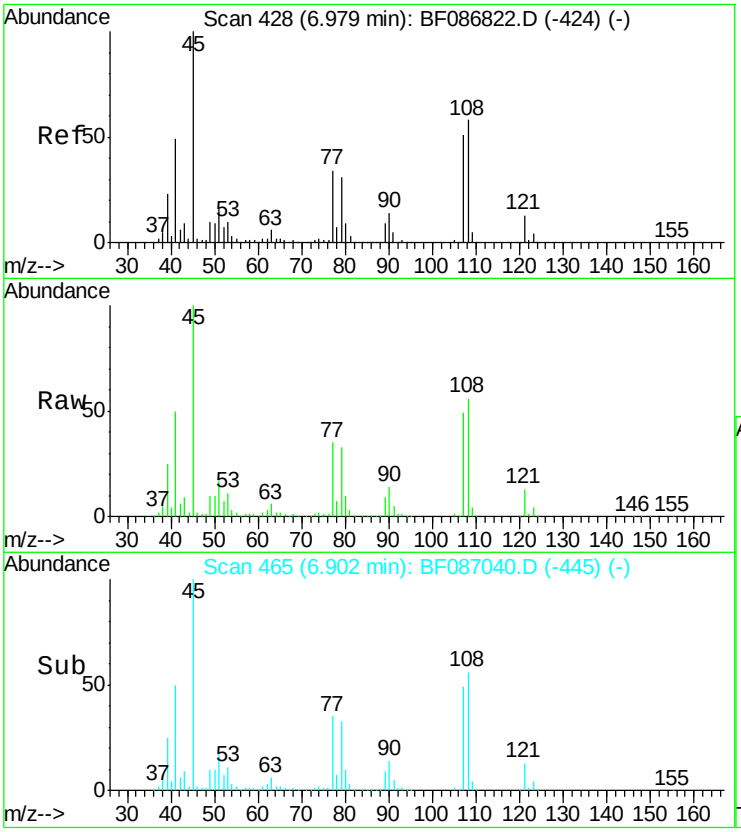


#15
Benzyl Alcohol
Concen: 9.77 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.05 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion: 79 Resp: 228476

Ion	Ratio	Lower	Upper
79	100		
108	169.9	68.4	102.6#
77	107.8	50.6	76.0#



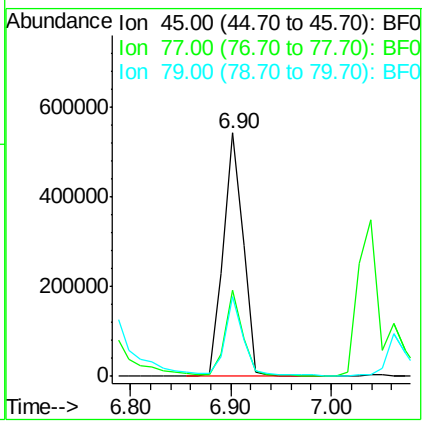


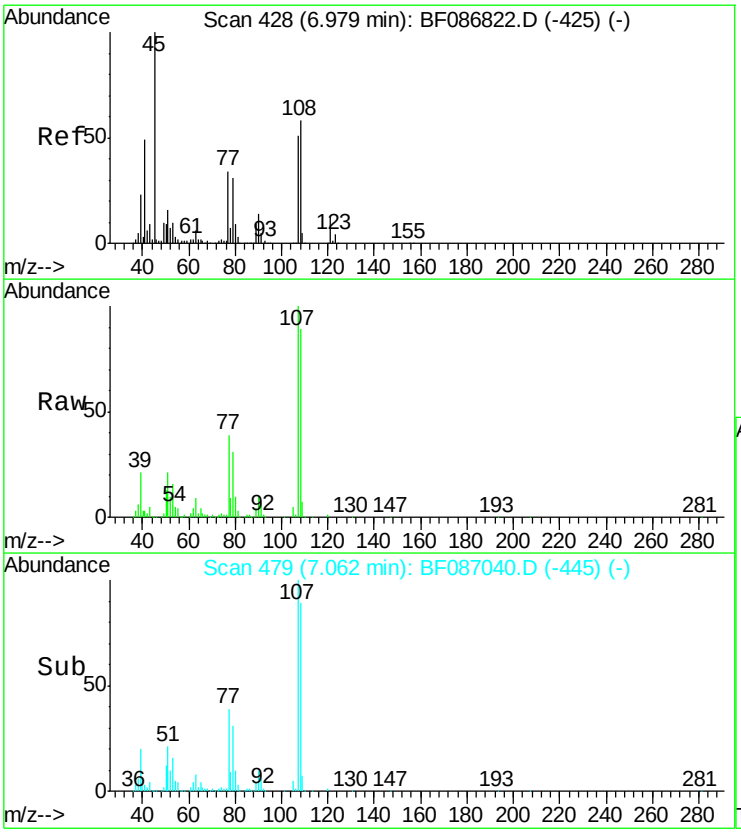
#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.95 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion: 45 Resp: 747130

Ion	Ratio	Lower	Upper
45	100		
77	35.4	0.0	36.4
79	32.8	0.0	33.4

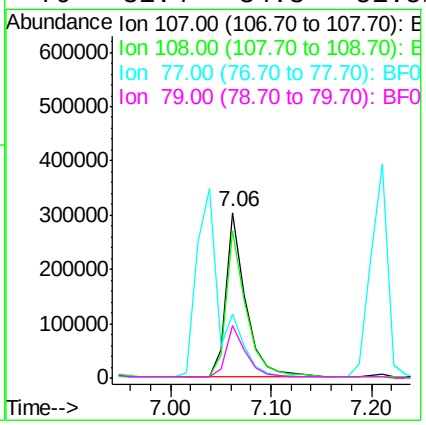


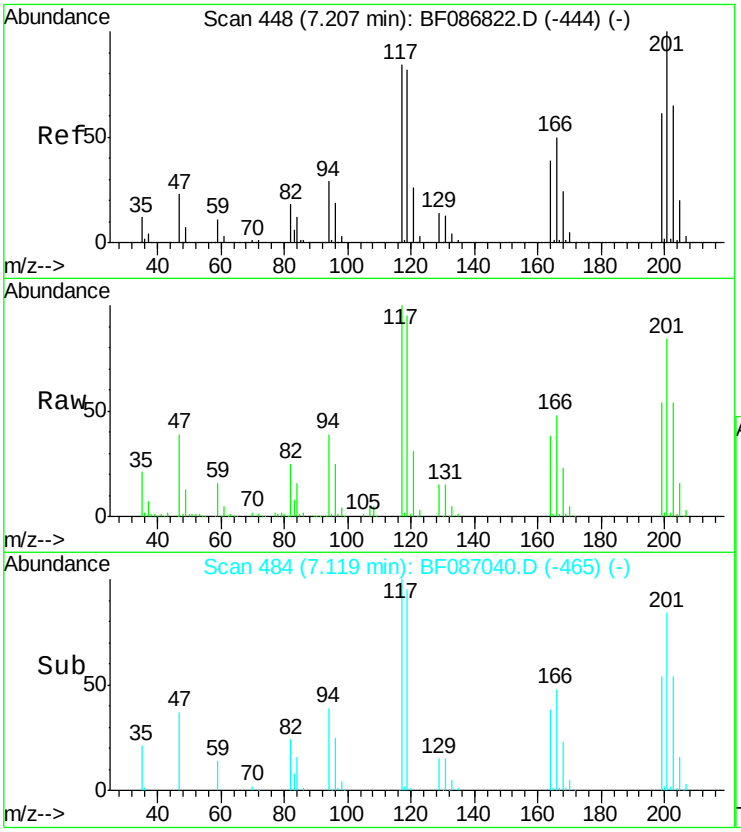


#17
2-Methylphenol
Concen: 17.29 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:107 Resp: 420903

Ion	Ratio	Lower	Upper
107	100		
108	89.1	93.7	140.5#
77	38.5	33.4	50.0
79	31.4	34.3	51.5#



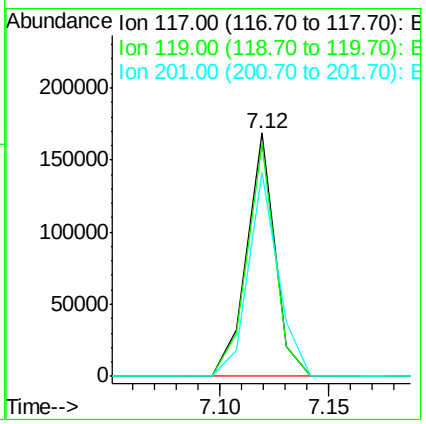


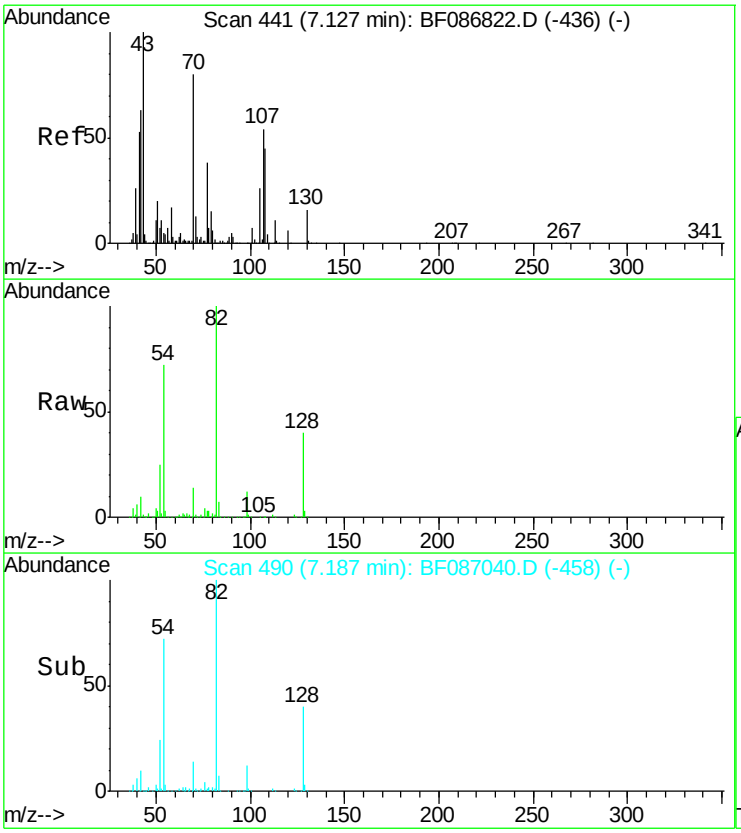
#18
Hexachloroethane
Concen: 12.01 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:117 Resp: 152463

Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.5	114.7
201	83.6	63.0	94.6

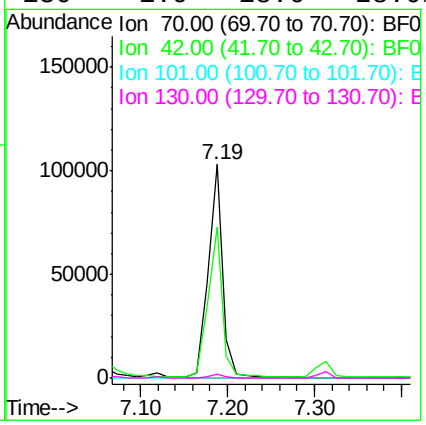


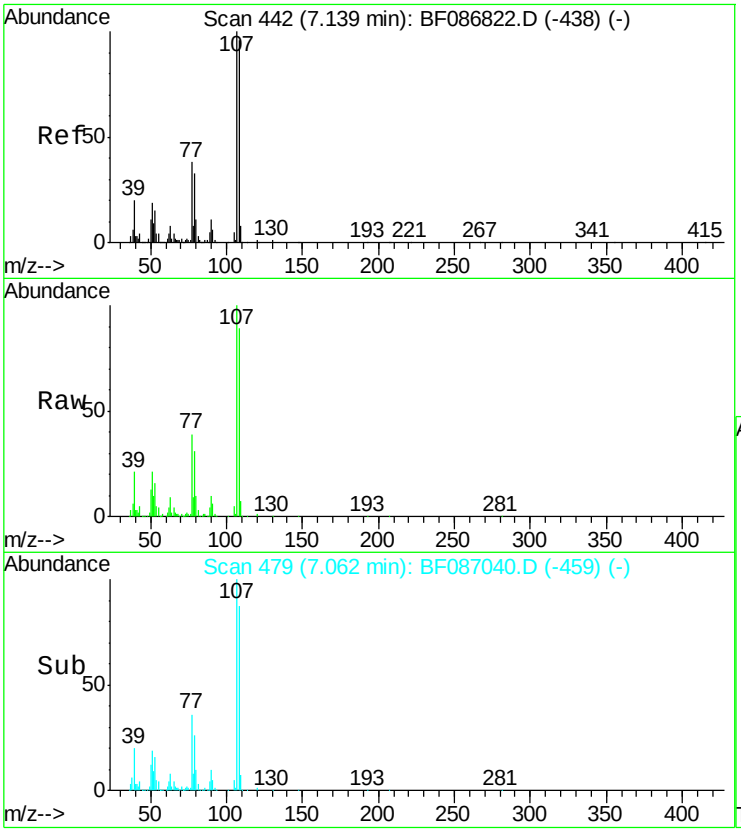


#19
n-Nitroso-di-n-propylamine
Concen: 5.08 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion: 70 Resp: 120324

Ion	Ratio	Lower	Upper
70	100		
42	70.8	43.1	64.7#
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#



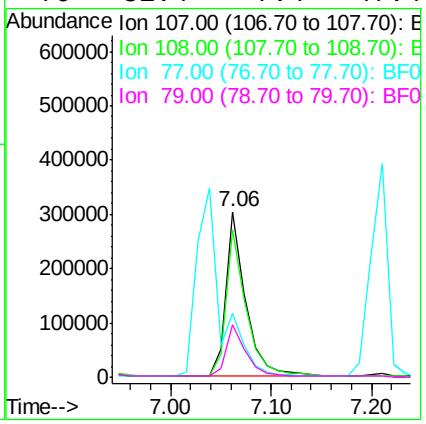


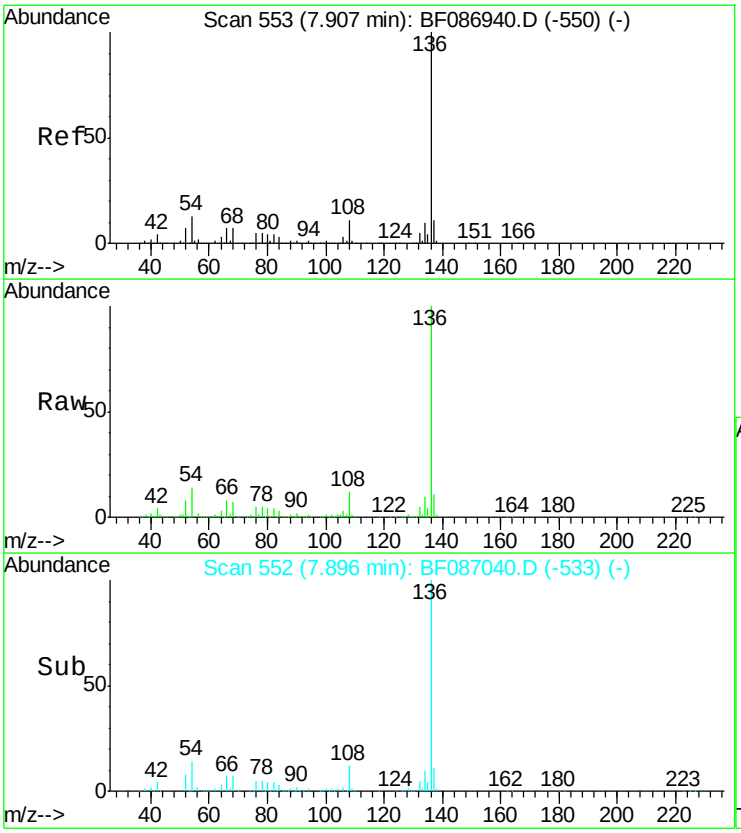
#20
3+4-Methylphenols
Concen: 13.24 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:107 Resp: 420903

Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.5	108.5
77	38.5	101.6	141.6#
79	31.4	7.4	47.4

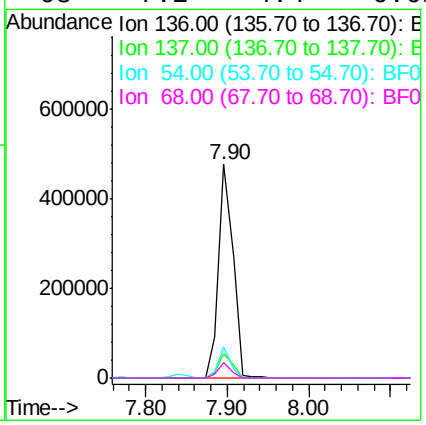


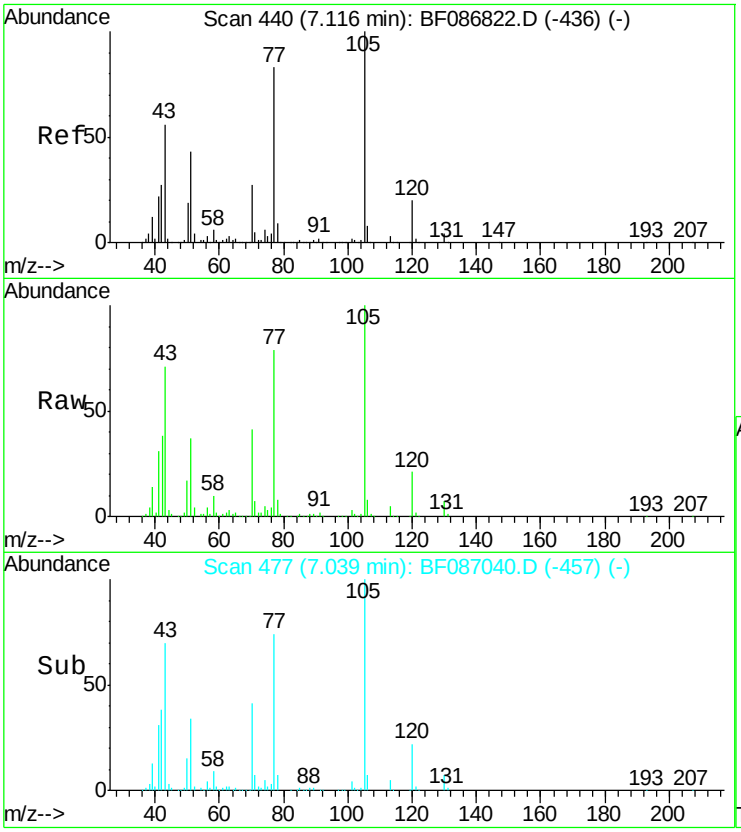


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:136 Resp: 582545

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	14.3	5.0	7.4#
68	7.2	4.4	6.6#



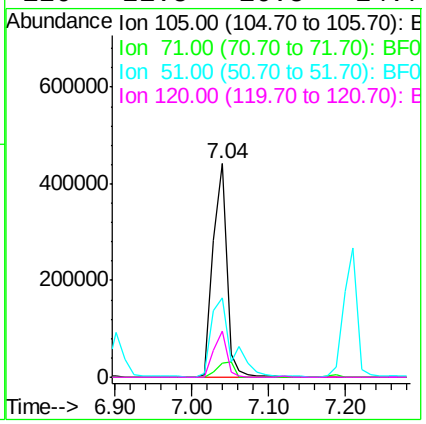


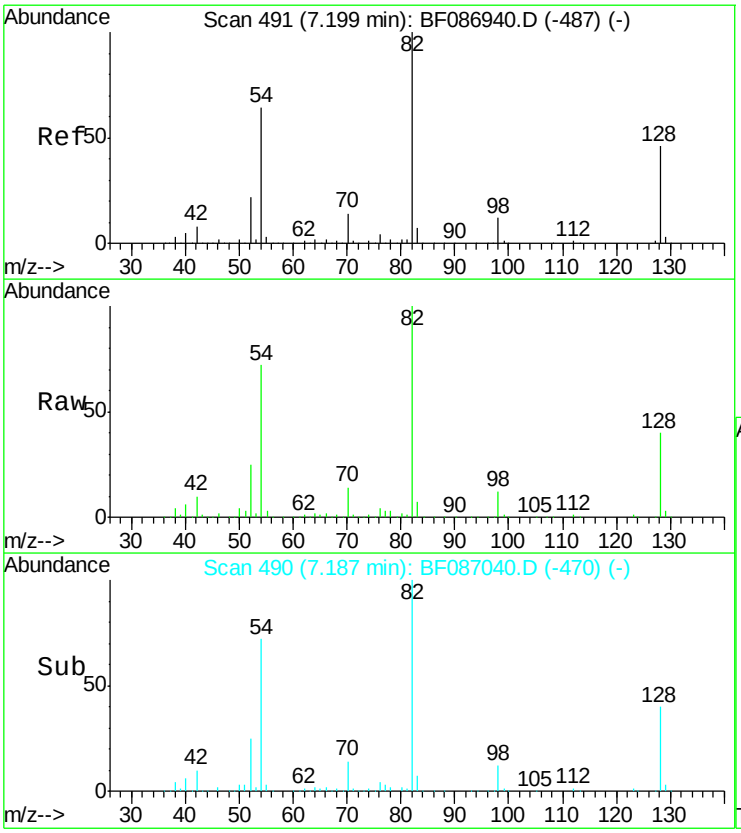
#22
Acetophenone
Concen: 40.61 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:105 Resp: 558719

Ion	Ratio	Lower	Upper
105	100		
71	6.9	4.8	7.2
51	37.2	32.6	49.0
120	21.5	16.5	24.7

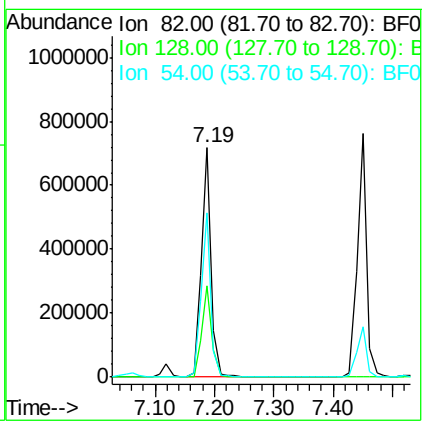


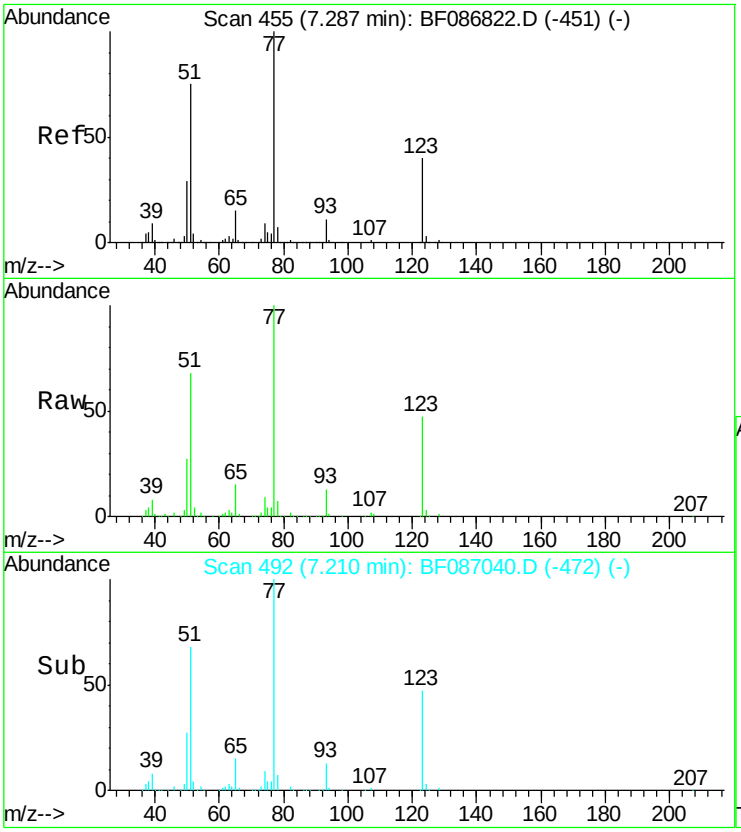


#23
Nitrobenzene-d5
Concen: 72.77 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion: 82 Resp: 844289

Ion	Ratio	Lower	Upper
82	100		
128	39.8	40.6	61.0#
54	71.8	38.1	57.1#



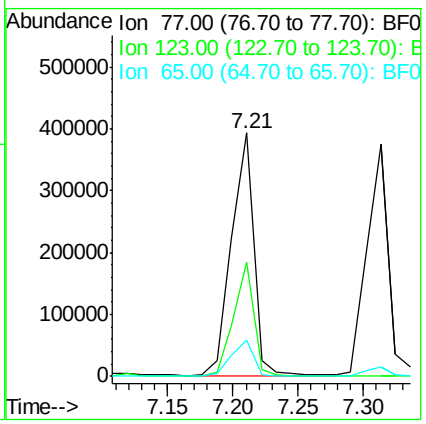


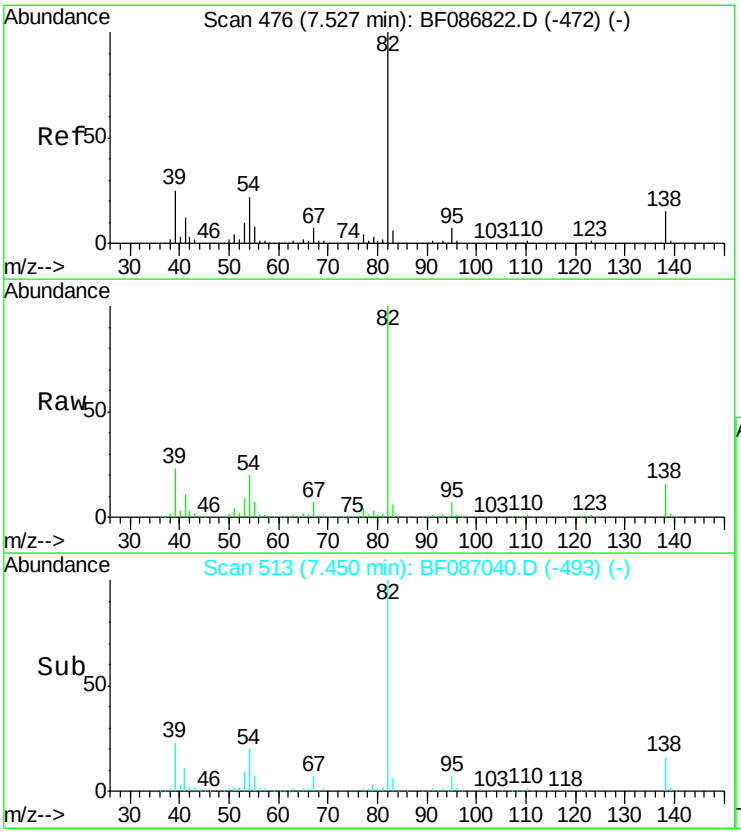
#24
Nitrobenzene
Concen: 38.59 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion: 77 Resp: 460596

Ion	Ratio	Lower	Upper
77	100		
123	46.8	33.0	49.4
65	14.9	10.8	16.2

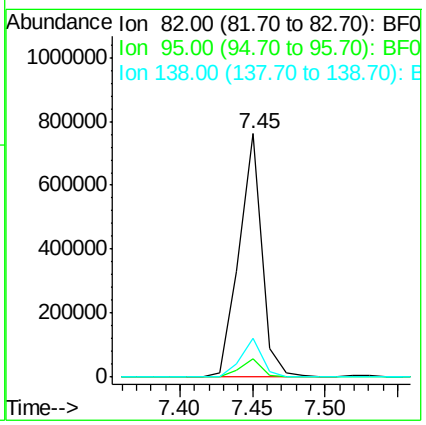


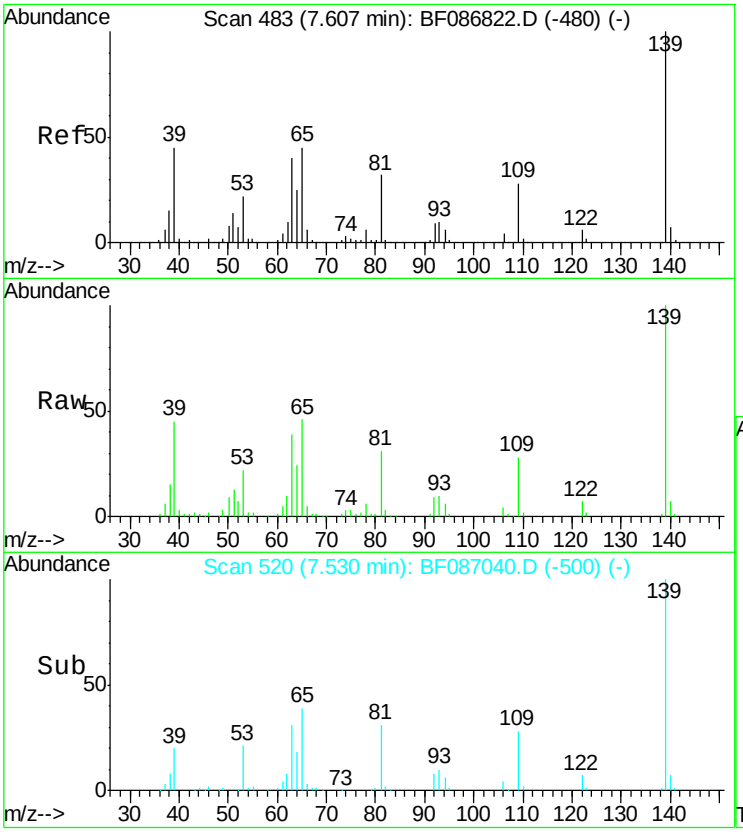


#25
Isophorone
Concen: 38.61 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion: 82 Resp: 831033

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.1	7.7
138	16.2	12.4	18.6



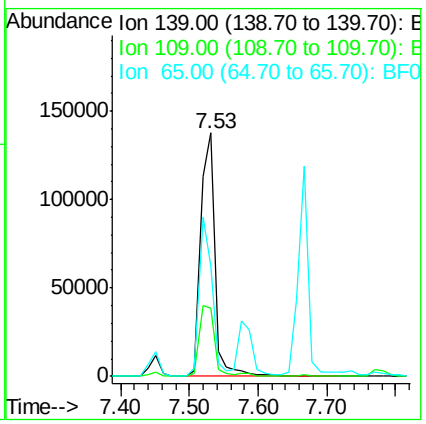


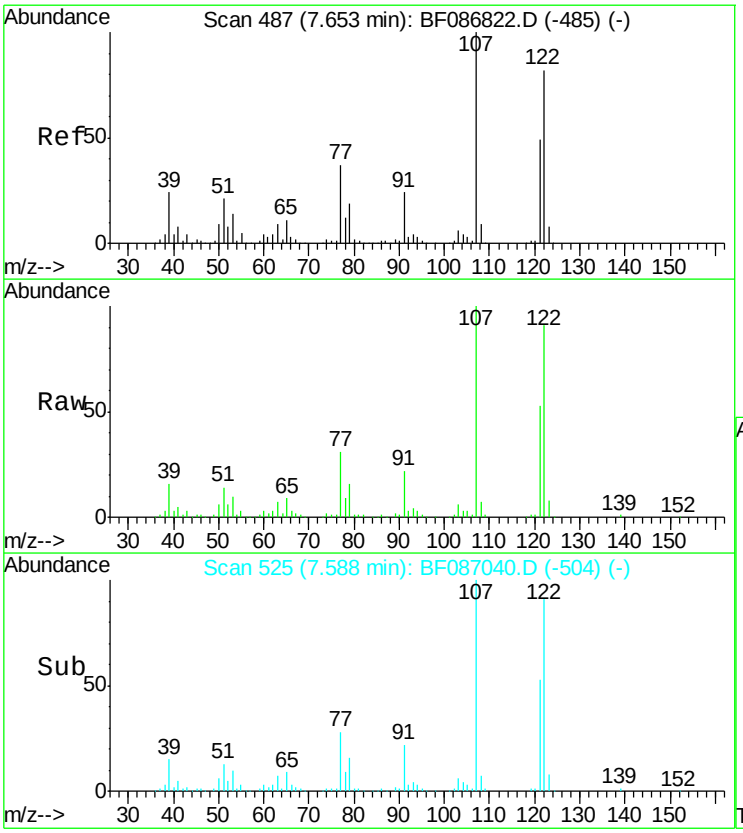
#26
2-Nitrophenol
Concen: 37.37 ng
RT: 7.53 min Scan# 520
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:139 Resp: 196040

Ion	Ratio	Lower	Upper
139	100		
109	28.2	19.5	29.3
65	45.6	37.5	56.3

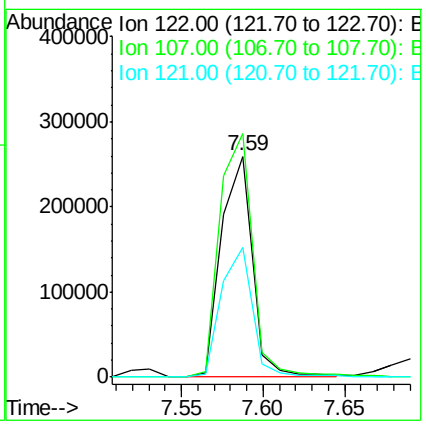


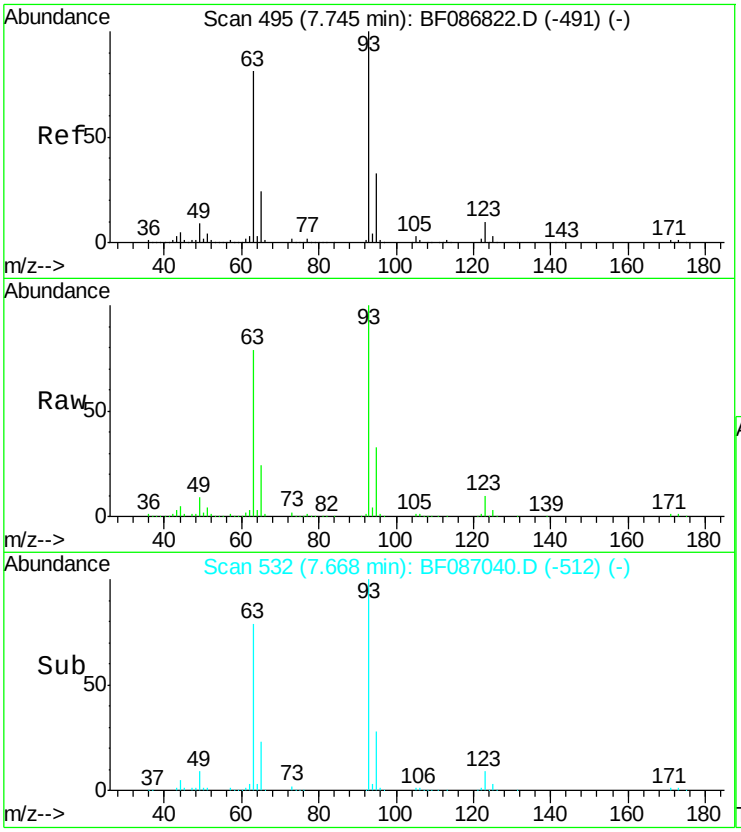


#27
2,4-Dimethylphenol
Concen: 38.10 ng
RT: 7.59 min Scan# 525
Delta R.T. -0.07 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:122 Resp: 340472

Ion	Ratio	Lower	Upper
122	100		
107	110.3	82.0	123.0
121	58.8	46.1	69.1



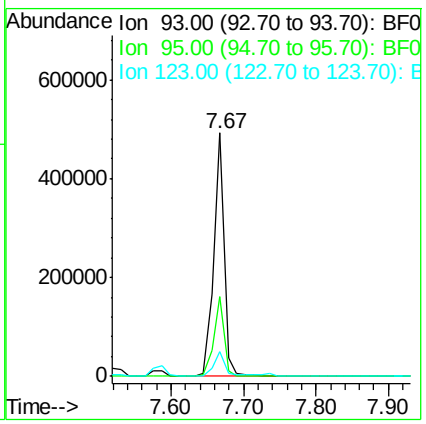


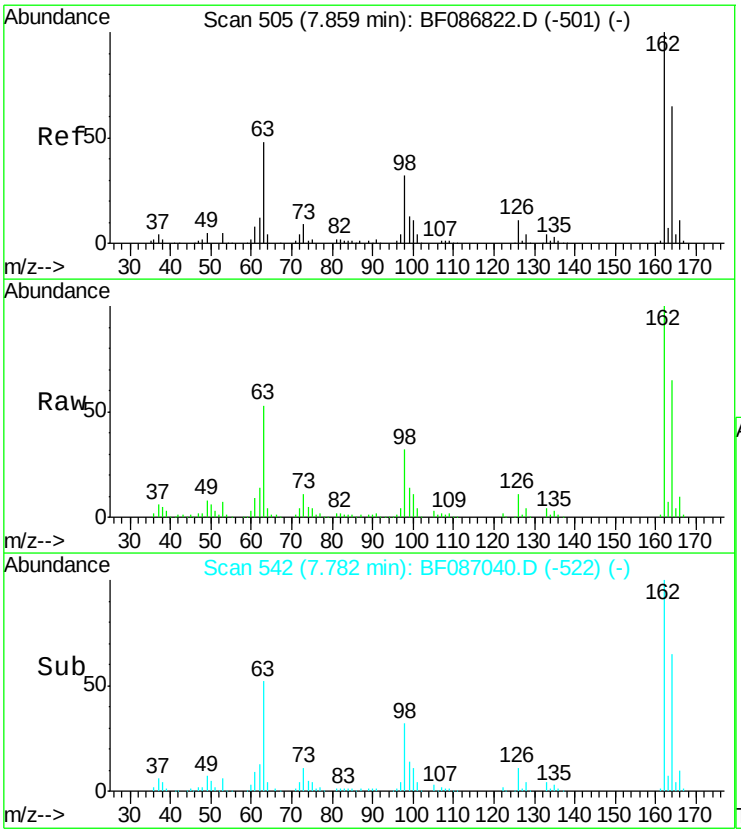
#28
bis(2-Chloroethoxy)methane
Concen: 42.76 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion: 93 Resp: 496446

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.0	39.0
123	10.1	9.5	14.3

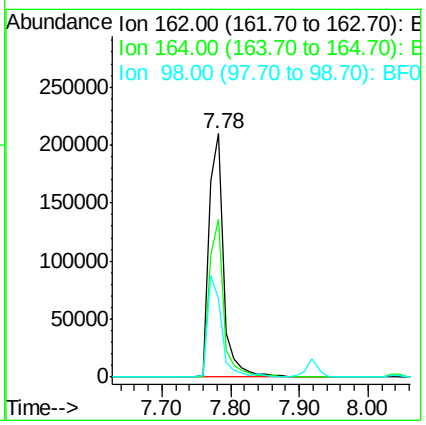


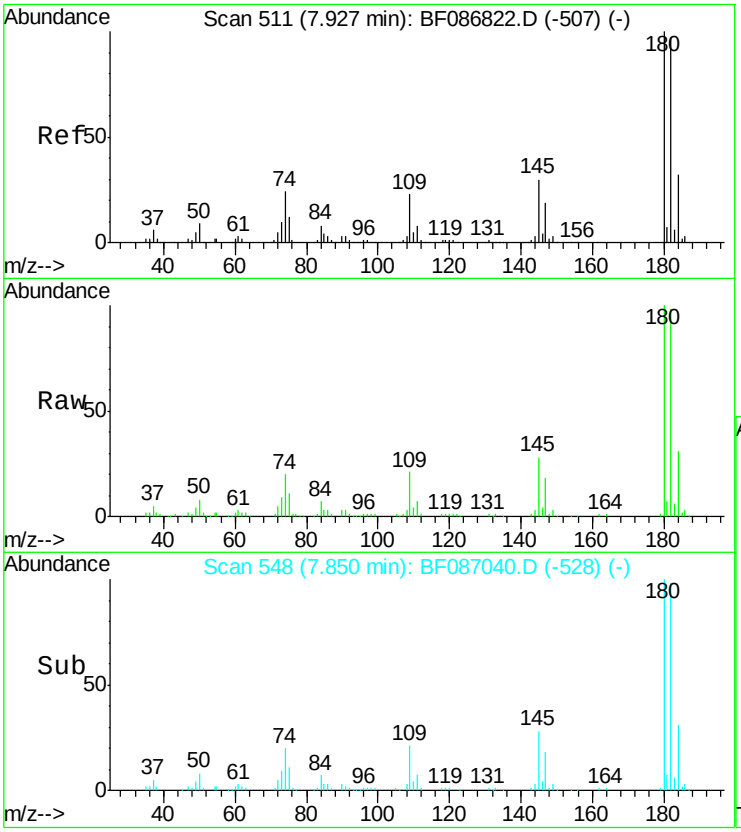


#29
2,4-Dichlorophenol
Concen: 39.93 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:162 Resp: 314090

Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.2	82.2
98	32.4	19.0	59.0



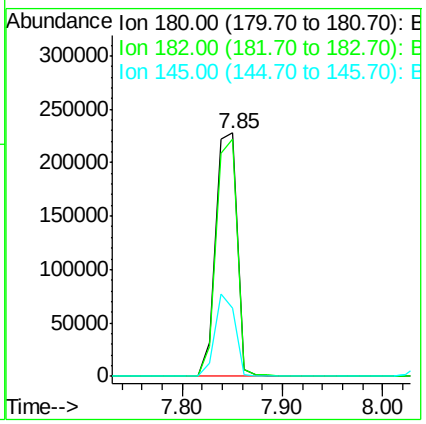


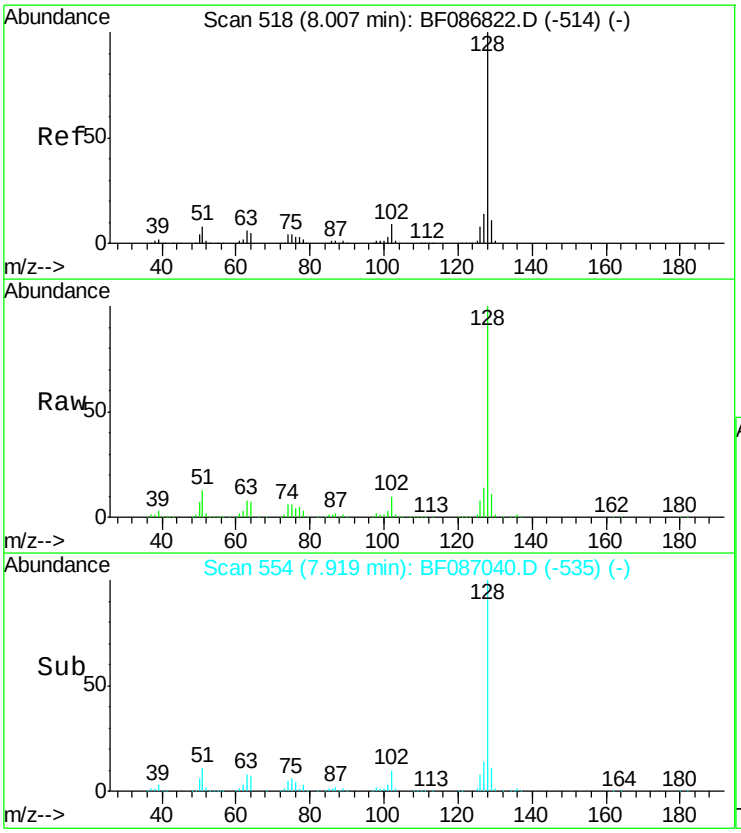
#30
1,2,4-Trichlorobenzene
Concen: 38.39 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:180 Resp: 337652

Ion	Ratio	Lower	Upper
180	100		
182	97.6	78.0	117.0
145	28.0	24.2	36.2

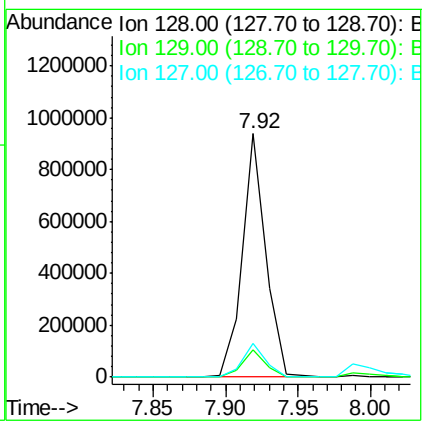


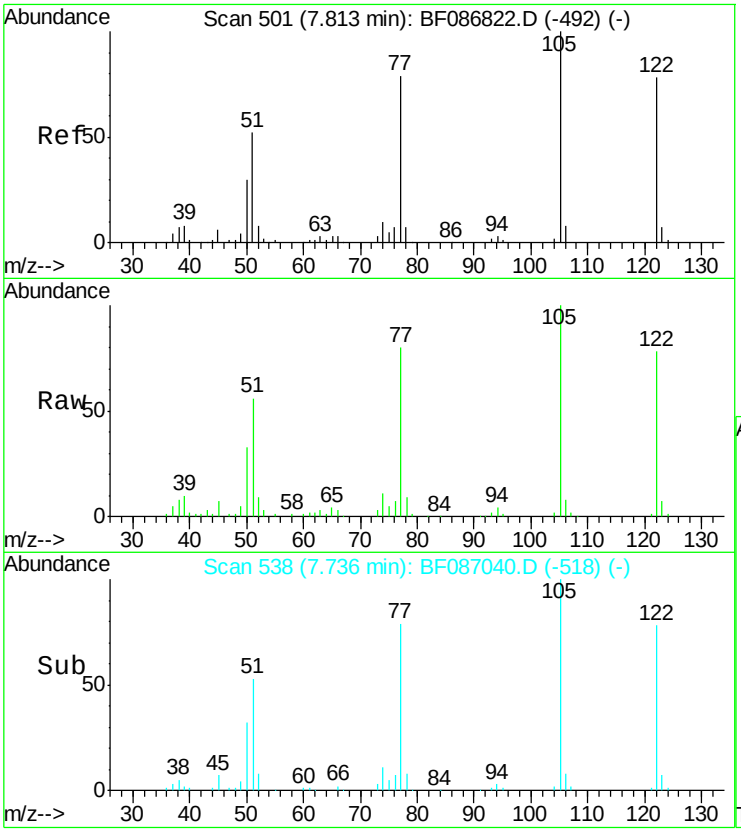


#31
Naphthalene
Concen: 36.11 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:128 Resp: 1053691

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.6	10.8	16.2



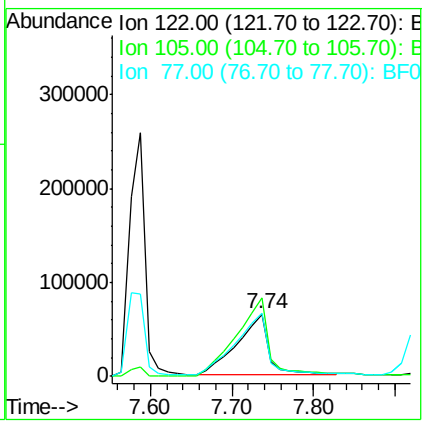


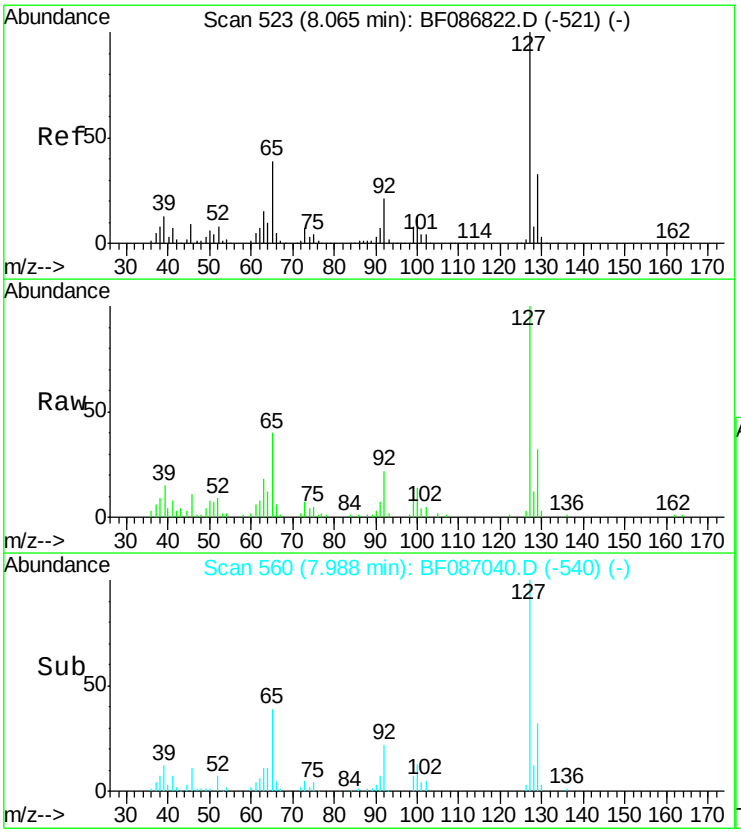
#32
Benzoic acid
Concen: 33.25 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:122 Resp: 174517

Ion	Ratio	Lower	Upper
122	100		
105	127.7	92.6	132.6
77	102.7	60.0	100.0#

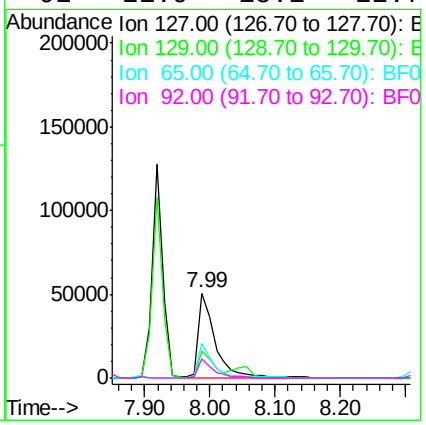


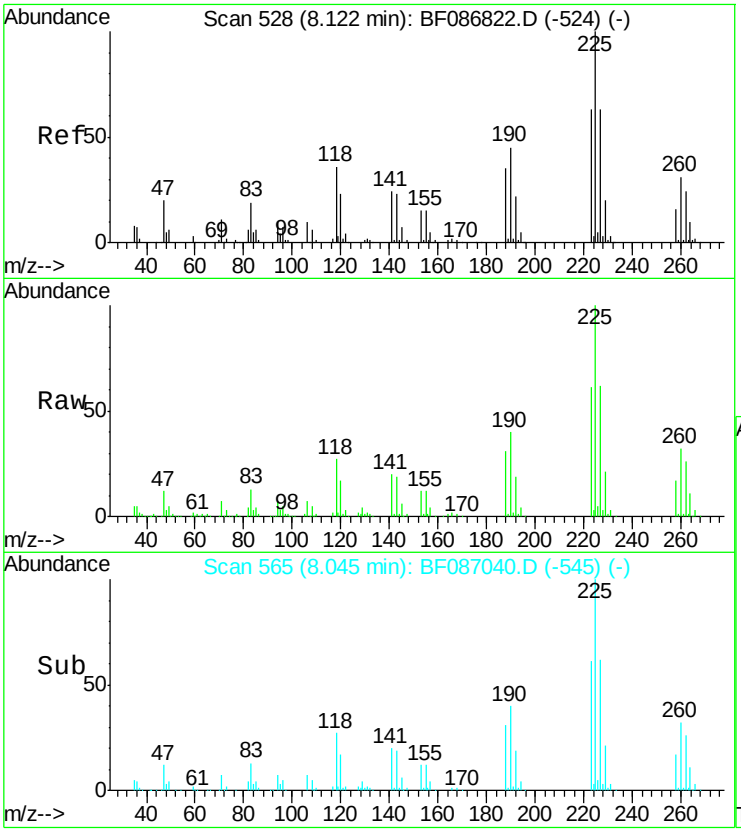


#33
4-Chloroaniline
Concen: 8.08 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:127 Resp: 91628

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.4
65	40.0	23.0	34.4#
92	21.9	15.1	22.7



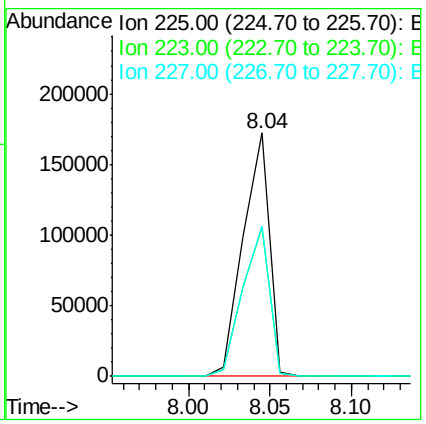


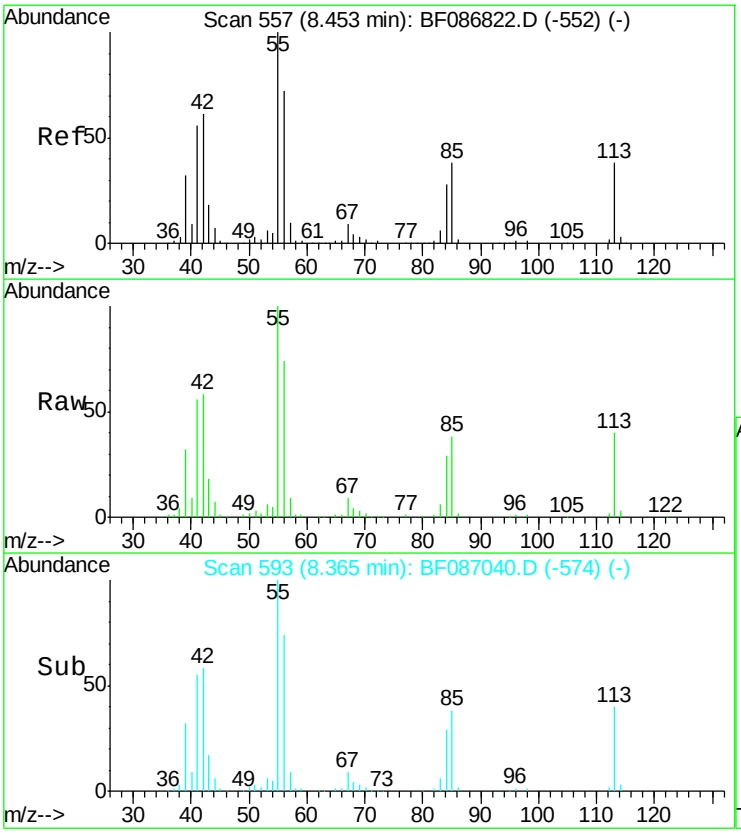
#34
Hexachlorobutadiene
Concen: 37.81 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:225 Resp: 192940

Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.5	77.3
227	61.8	52.2	78.2

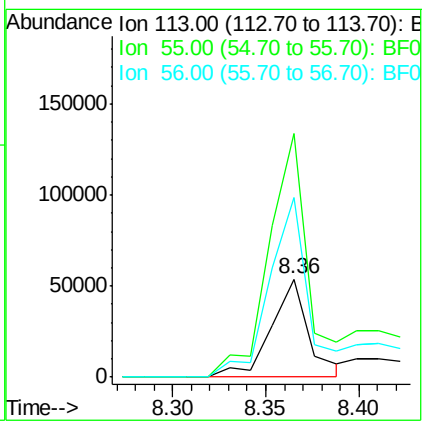


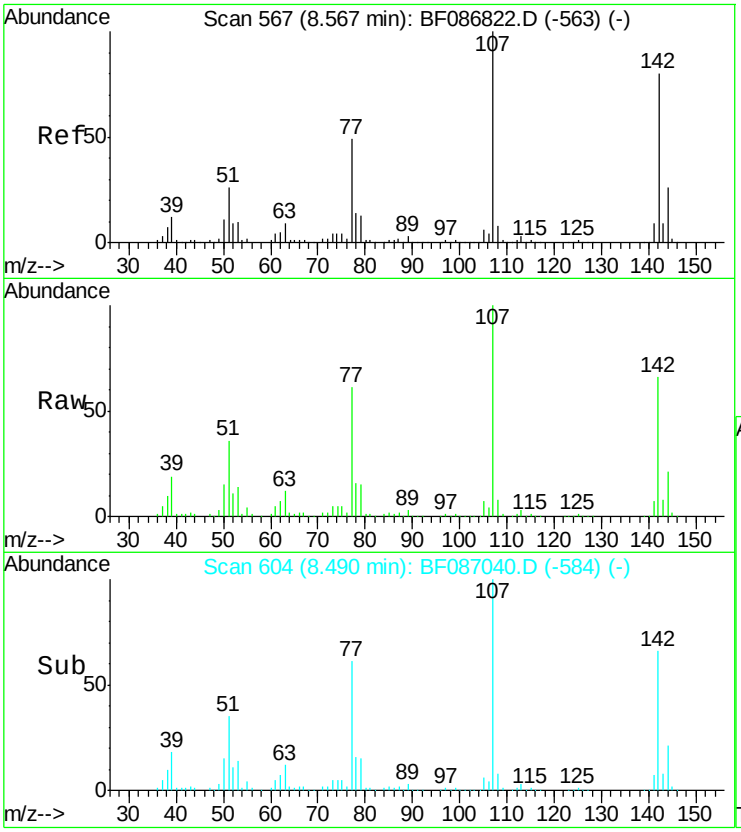


#35
Caprolactam
Concen: 27.99 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:113 Resp: 74905

Ion	Ratio	Lower	Upper
113	100		
55	247.6	162.0	202.0#
56	182.7	115.3	155.3#



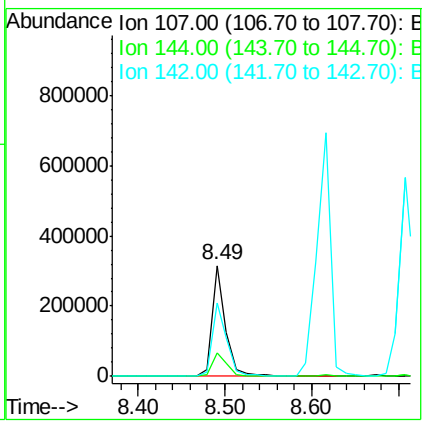


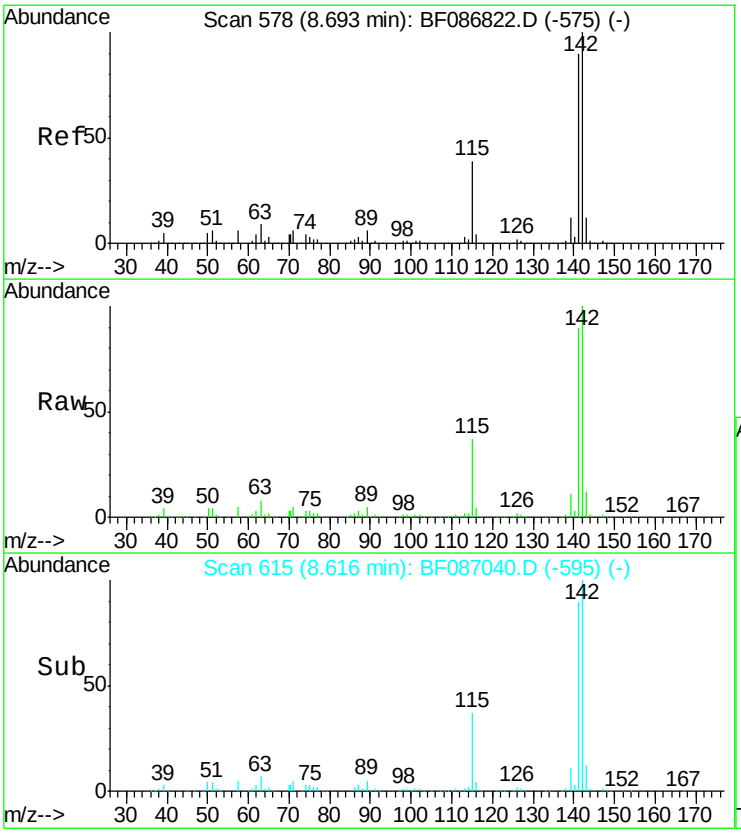
#36
4-Chloro-3-methylphenol
Concen: 36.42 ng
RT: 8.49 min Scan# 604
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:107 Resp: 347360

Ion	Ratio	Lower	Upper
107	100		
144	21.5	20.7	31.1
142	66.4	63.2	94.8

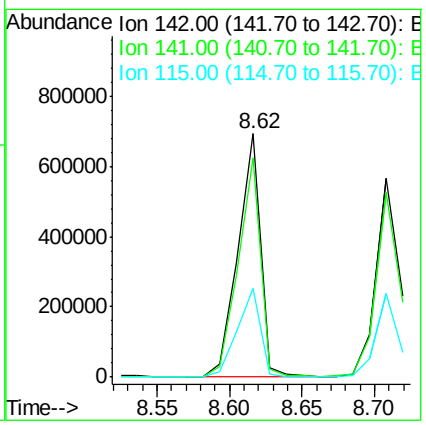


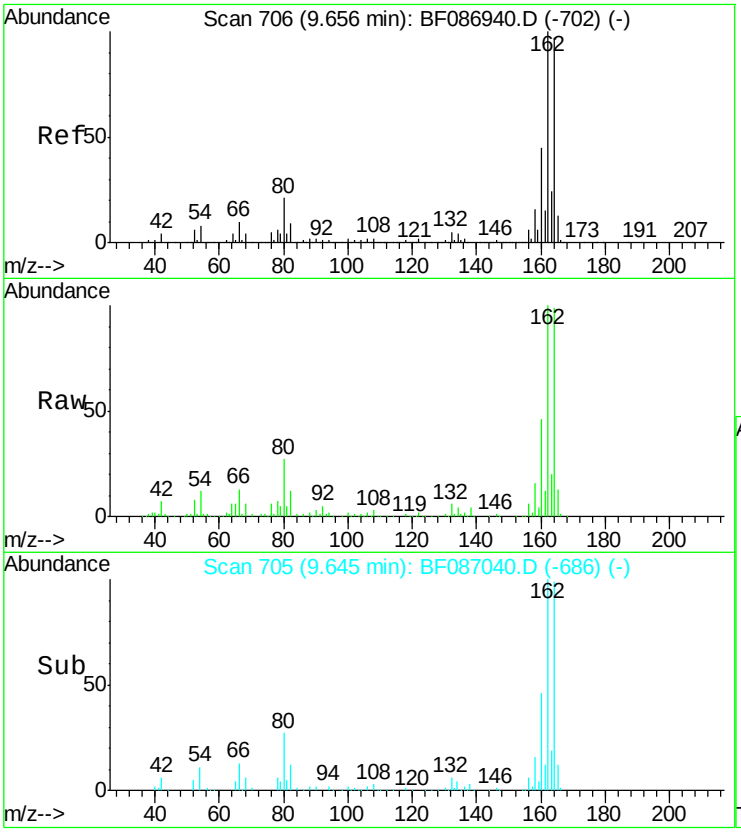


#37
2-Methylnaphthalene
Concen: 43.65 ng
RT: 8.62 min Scan# 615
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:142 Resp: 744506

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	36.6	26.6	39.8



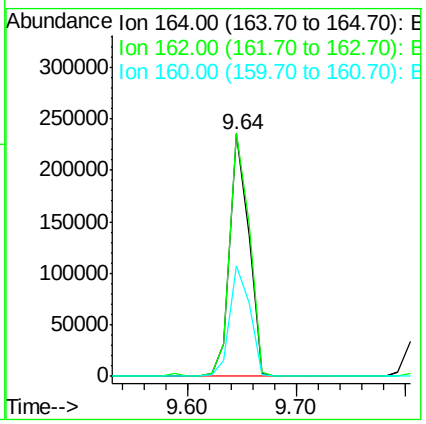


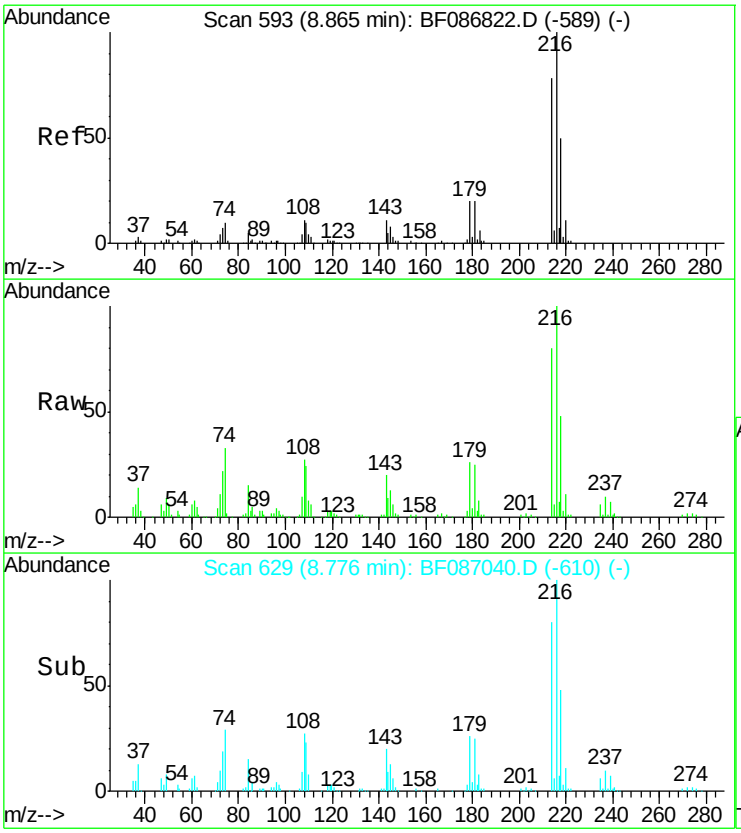
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:164 Resp: 281483

Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.8	124.2
160	45.8	36.9	55.3

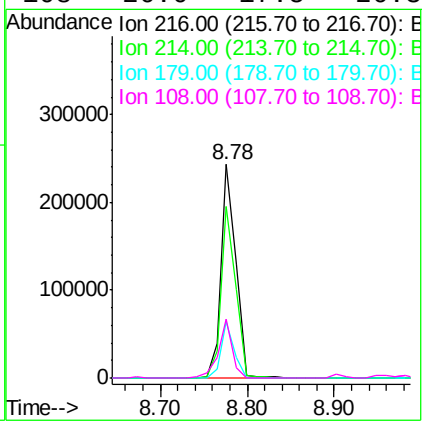


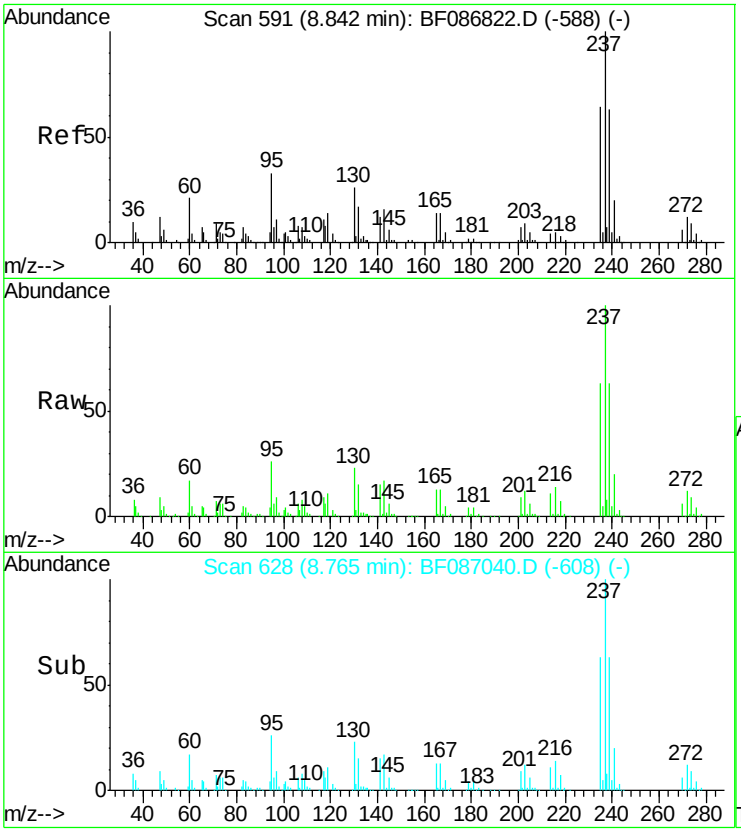


#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.37 ng
RT: 8.78 min Scan# 629
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:216 Resp: 289441

Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.6	93.8
179	23.5	18.2	27.4
108	26.0	17.5	26.3



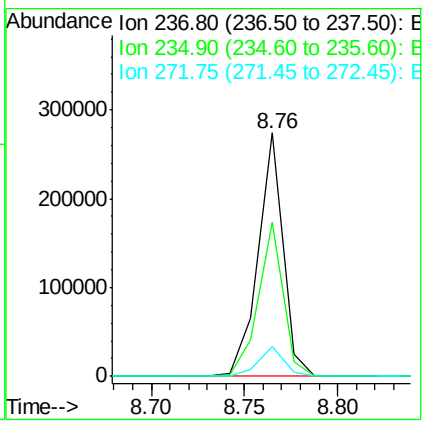


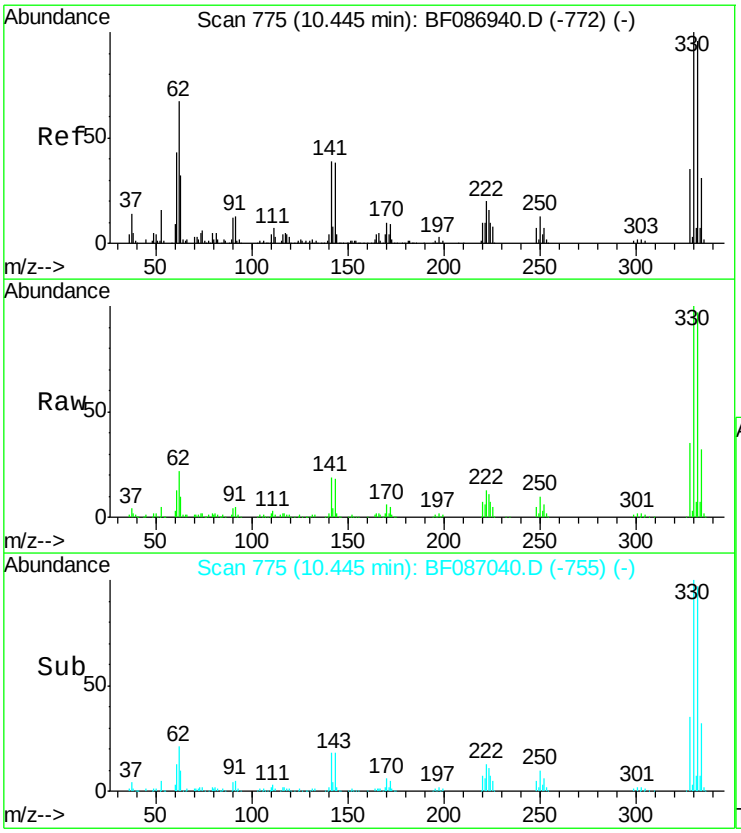
#40
Hexachlorocyclopentadiene
Concen: 64.93 ng
RT: 8.76 min Scan# 628
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:237 Resp: 252214

Ion	Ratio	Lower	Upper
237	100		
235	63.4	47.2	87.2
272	12.1	0.0	31.1

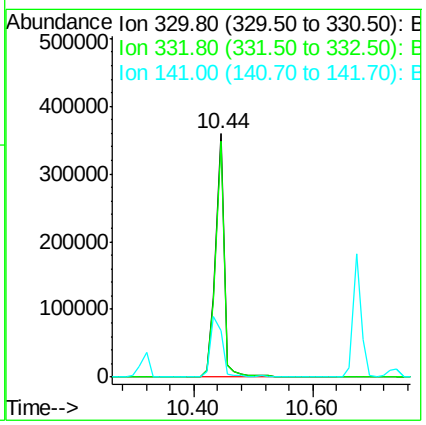


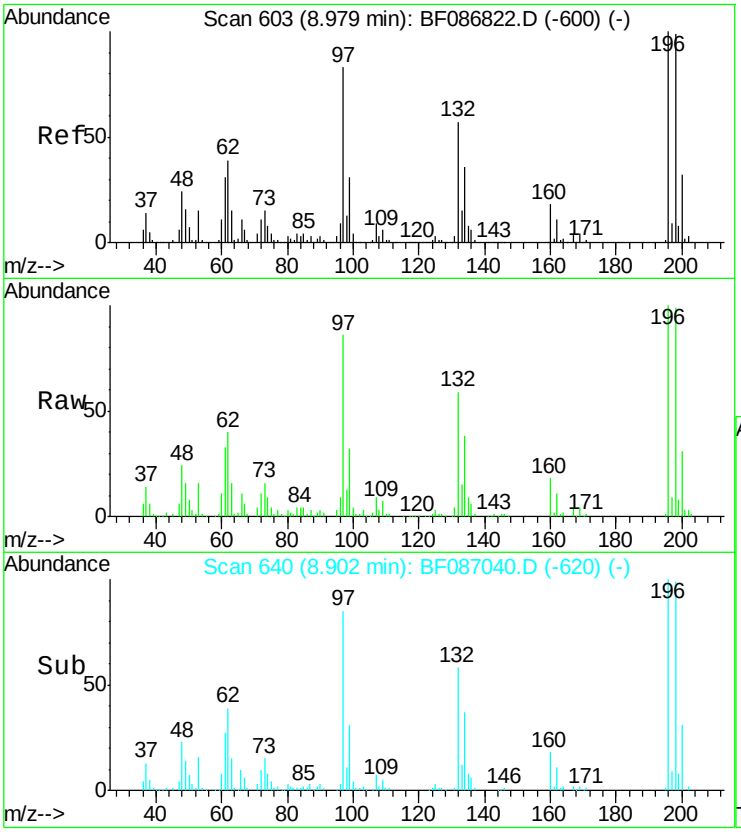


#41
2,4,6-Tribromophenol
Concen: 123.57 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:330 Resp: 368231

Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	32.8	31.2	46.8



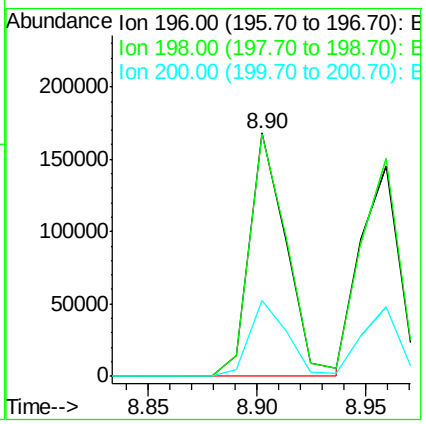


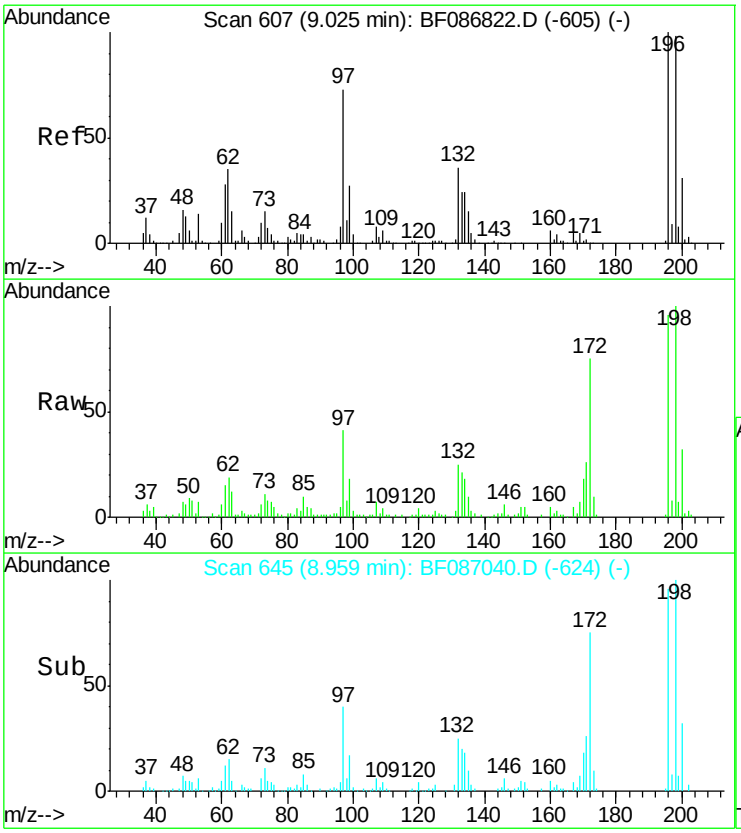
#42
2,4,6-Trichlorophenol
Concen: 36.49 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:196 Resp: 199711

Ion	Ratio	Lower	Upper
196	100		
198	99.4	74.7	112.1
200	31.0	23.8	35.6

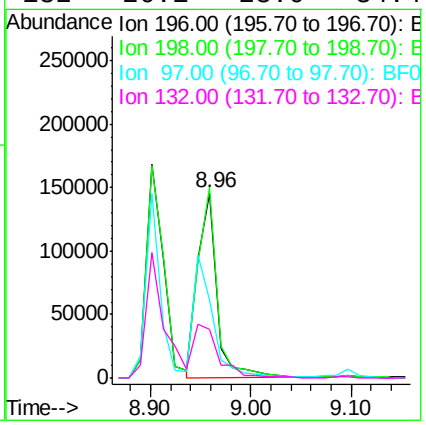


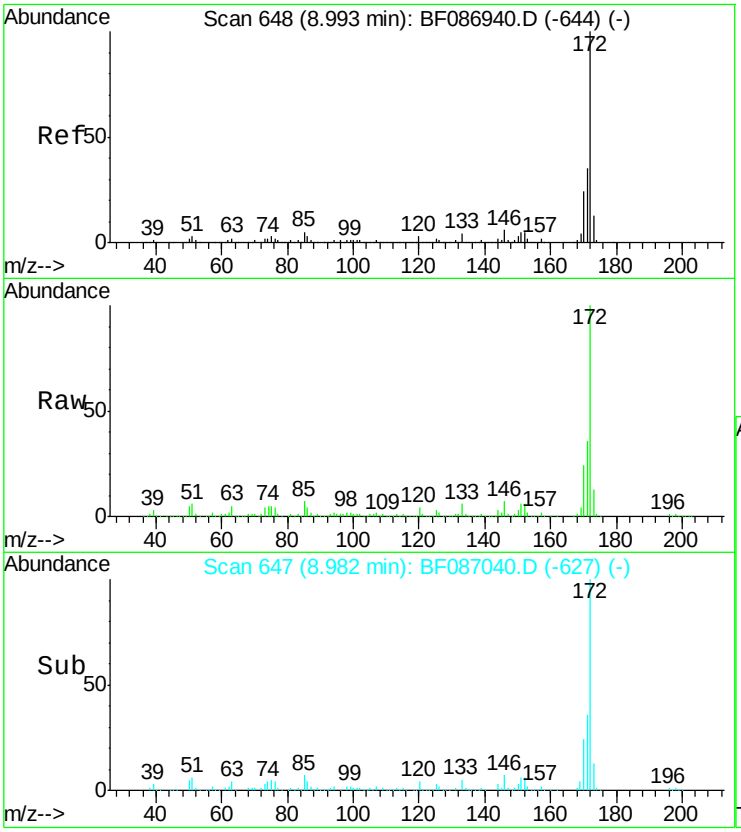


#43
2,4,5-Trichlorophenol
Concen: 34.48 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.07 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:196 Resp: 195129

Ion	Ratio	Lower	Upper
196	100		
198	103.7	77.5	116.3
97	42.5	34.8	52.2
132	26.1	23.0	34.4



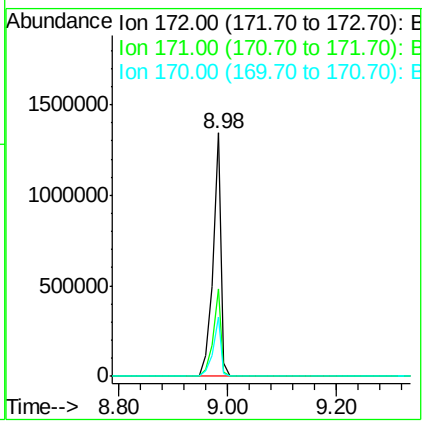


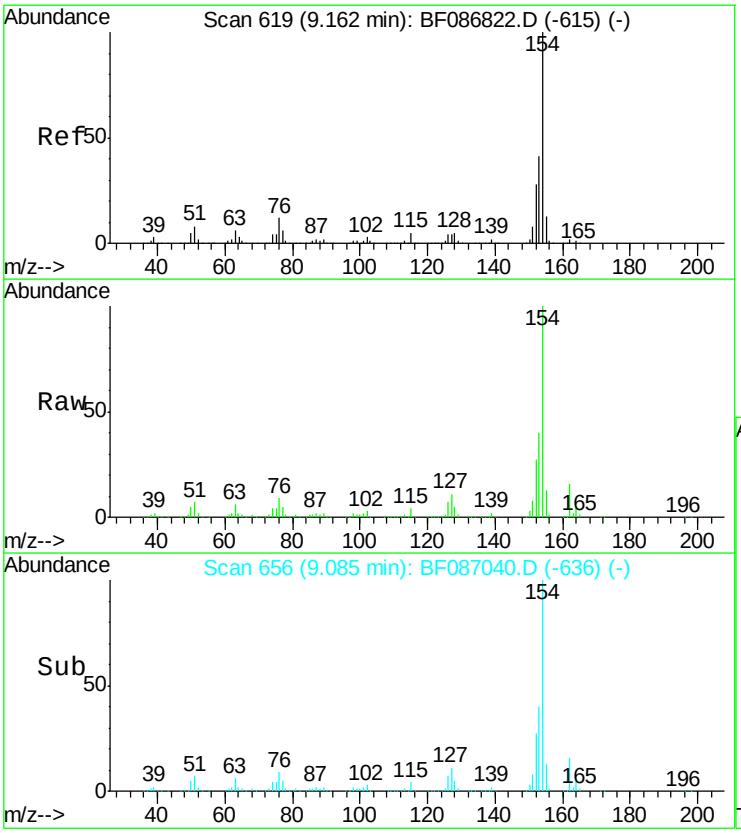
#44
2-Fluorobiphenyl
Concen: 84.21 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:172 Resp: 1410438

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.4	19.8	29.8

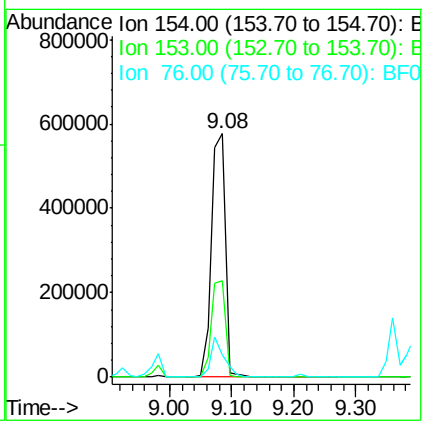


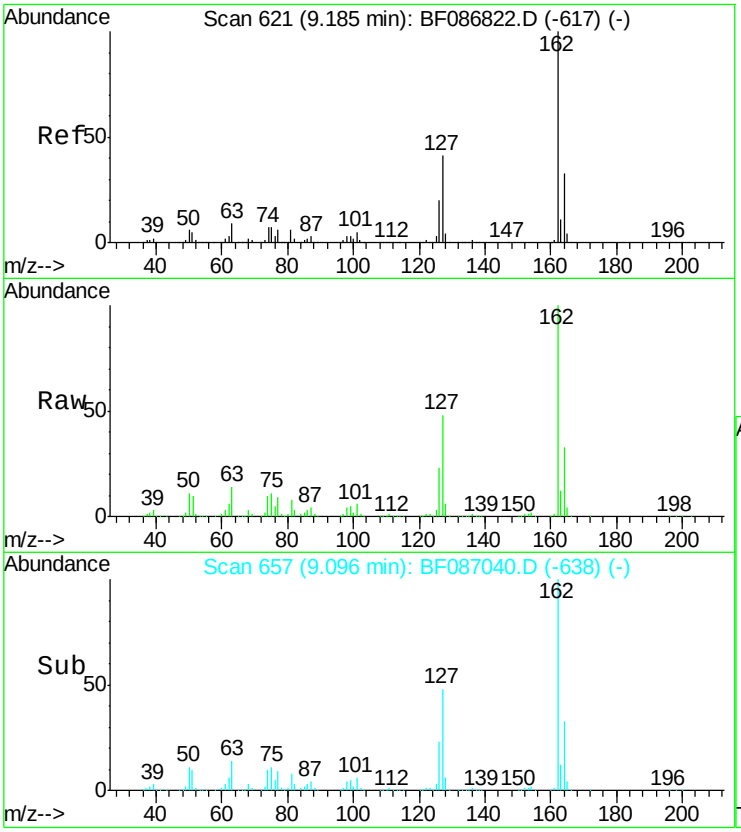


#45
1,1'-Biphenyl
Concen: 38.86 ng
RT: 9.08 min Scan# 656
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:154 Resp: 870083

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.3	60.3
76	9.0	0.0	30.2



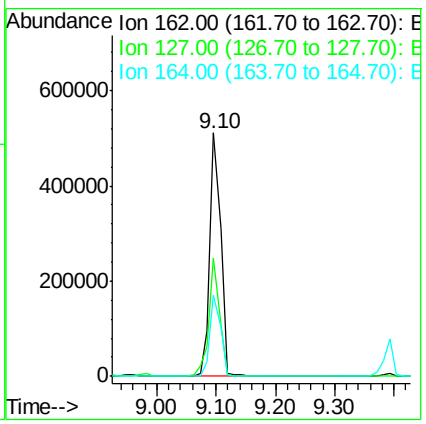


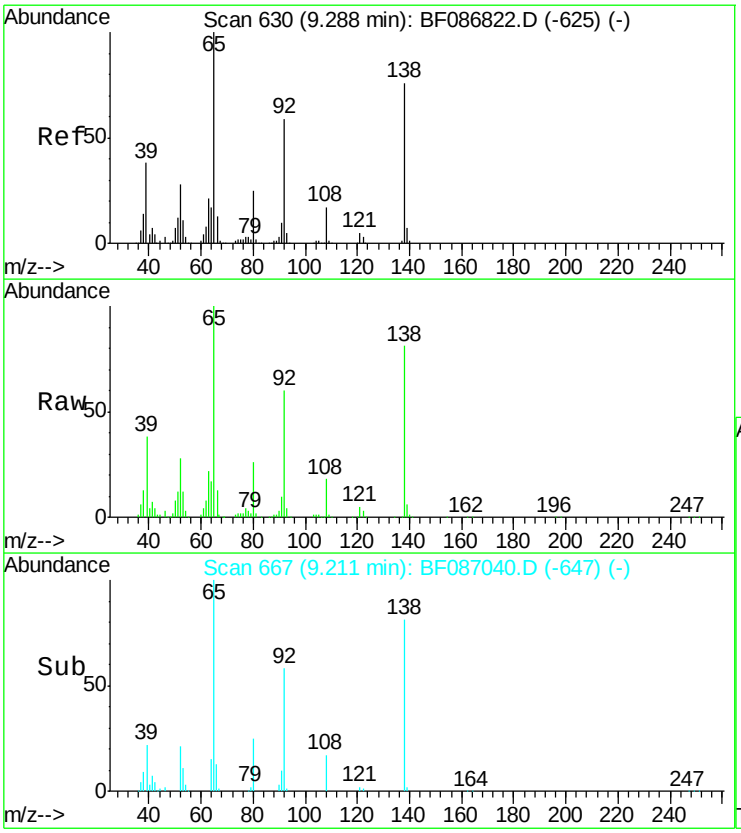
#46
2-Chloronaphthalene
Concen: 36.92 ng
RT: 9.10 min Scan# 657
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:162 Resp: 647705

Ion	Ratio	Lower	Upper
162	100		
127	48.3	31.8	47.6#
164	33.1	27.0	40.6

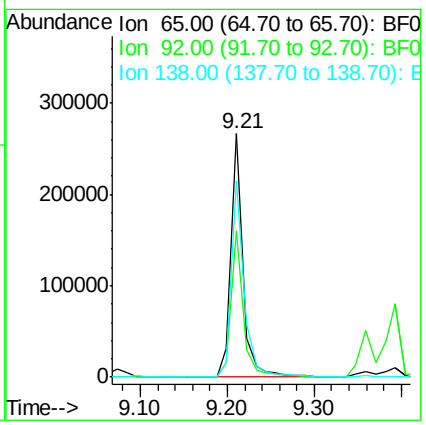


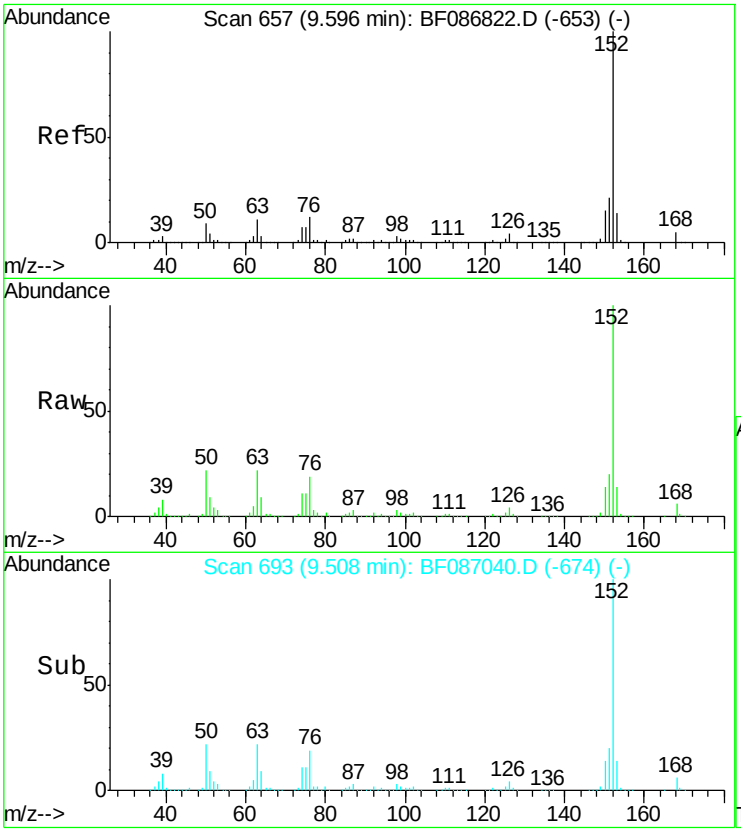


#47
2-Nitroaniline
Concen: 39.78 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion: 65 Resp: 255017

Ion	Ratio	Lower	Upper
65	100		
92	60.1	57.4	86.2
138	80.5	90.1	135.1#



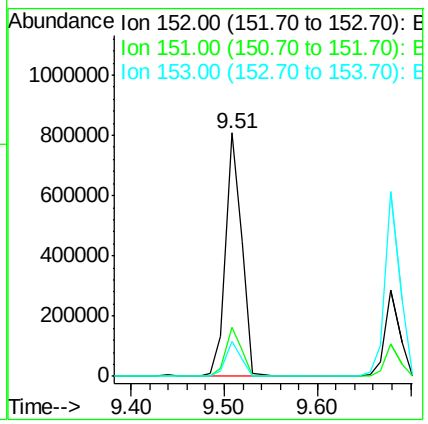


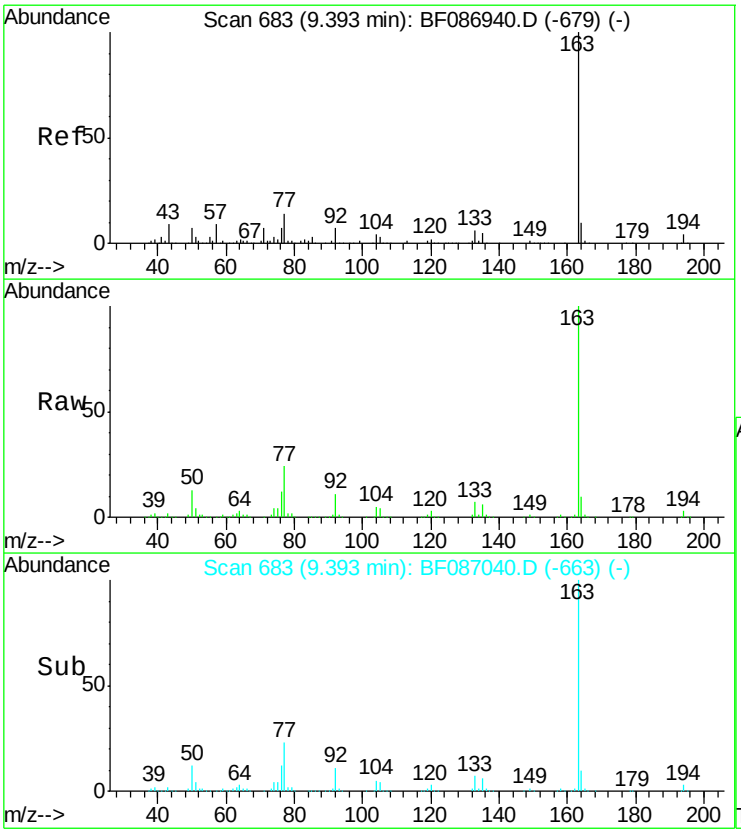
#48
Acenaphthylene
Concen: 37.91 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:152 Resp: 978175

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	14.3	10.9	16.3

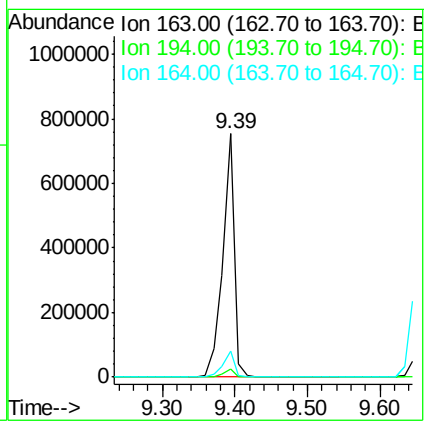


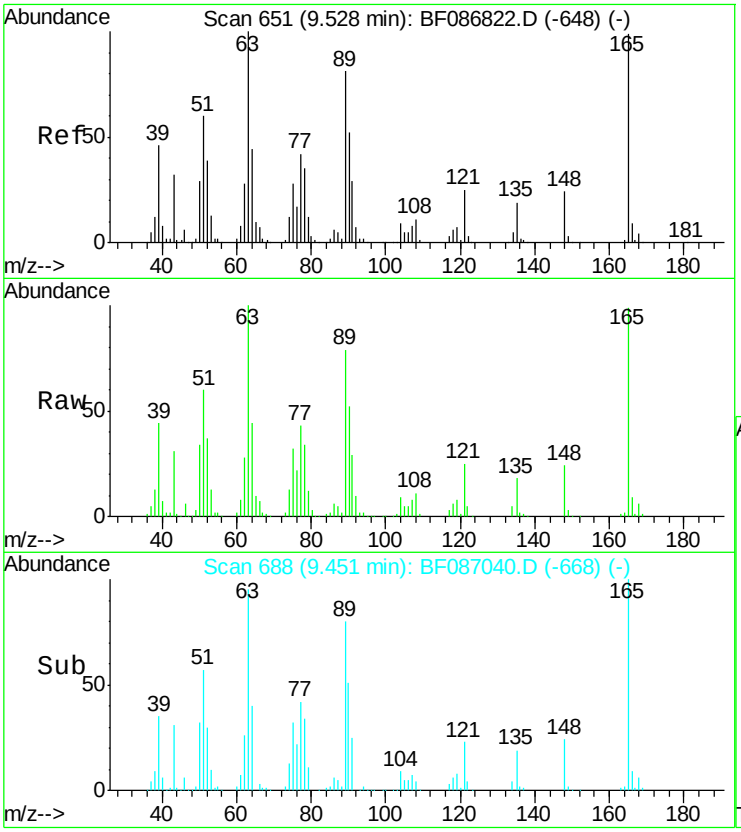


#49
Dimethylphthalate
Concen: 38.64 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:163 Resp: 829821

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.4	8.2	12.4



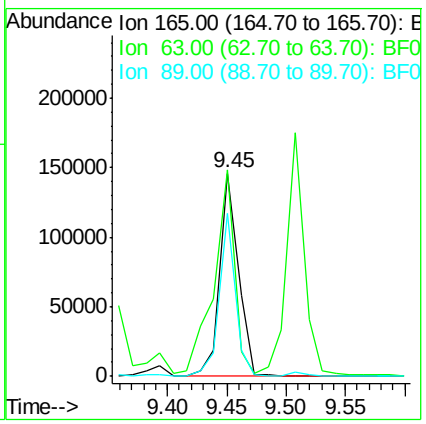


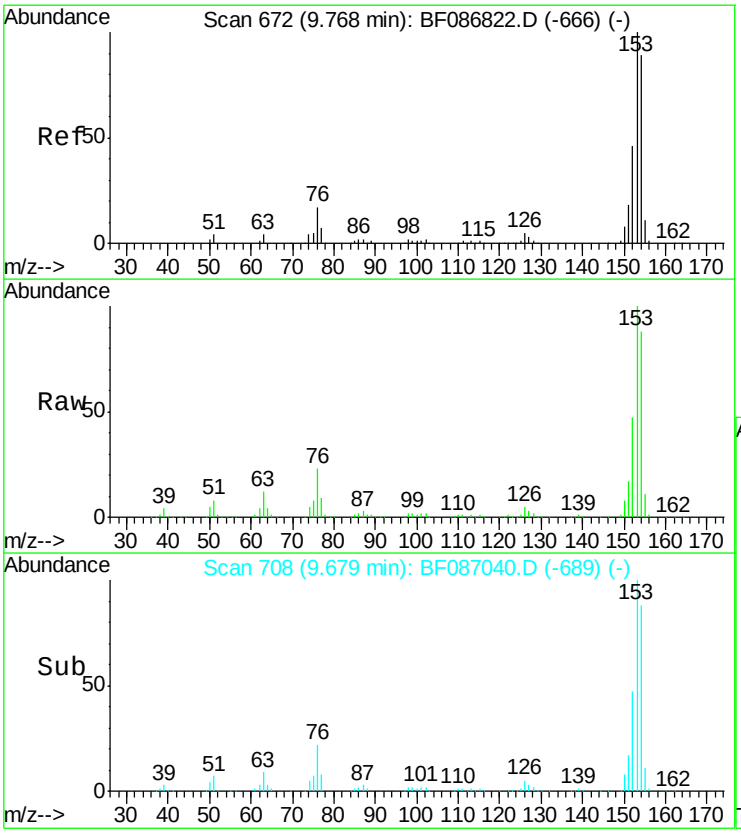
#50
2,6-Dinitrotoluene
Concen: 34.99 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:165 Resp: 158133

Ion	Ratio	Lower	Upper
165	100		
63	101.3	51.8	77.8#
89	80.1	50.7	76.1#

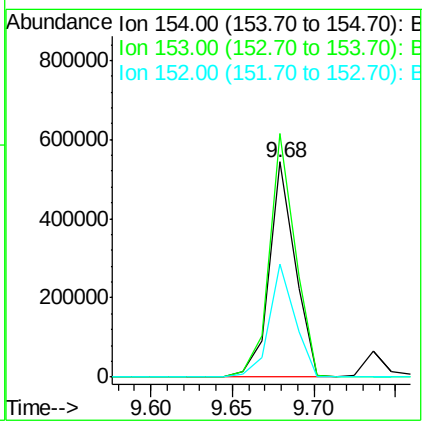


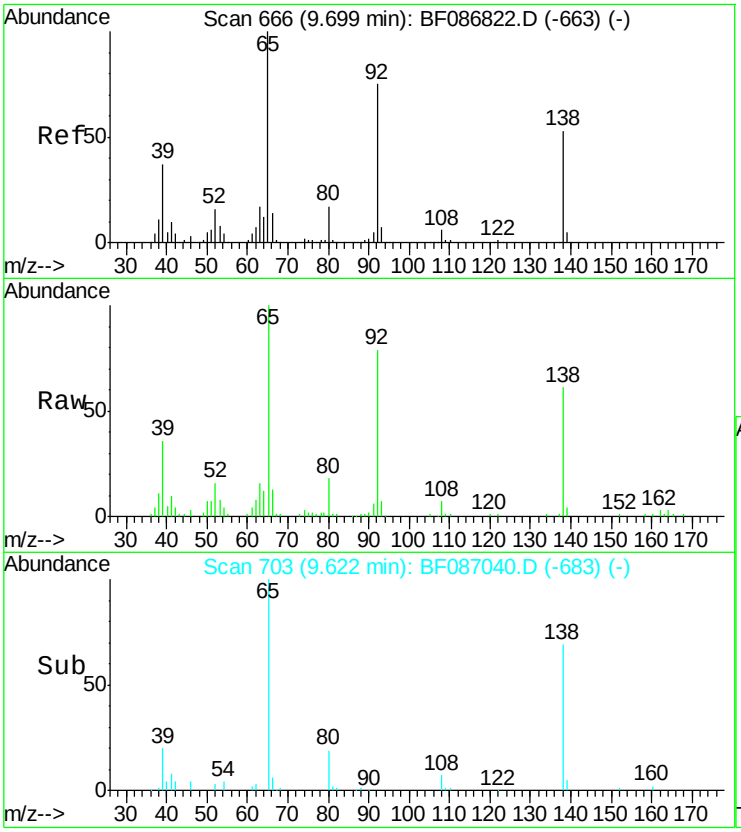


#51
Acenaphthene
Concen: 37.47 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:154 Resp: 601318

Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.8	134.6
152	52.8	43.4	65.0



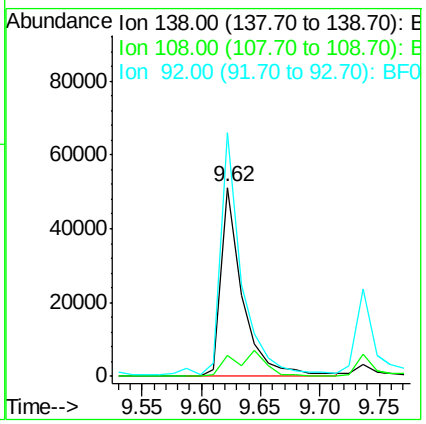


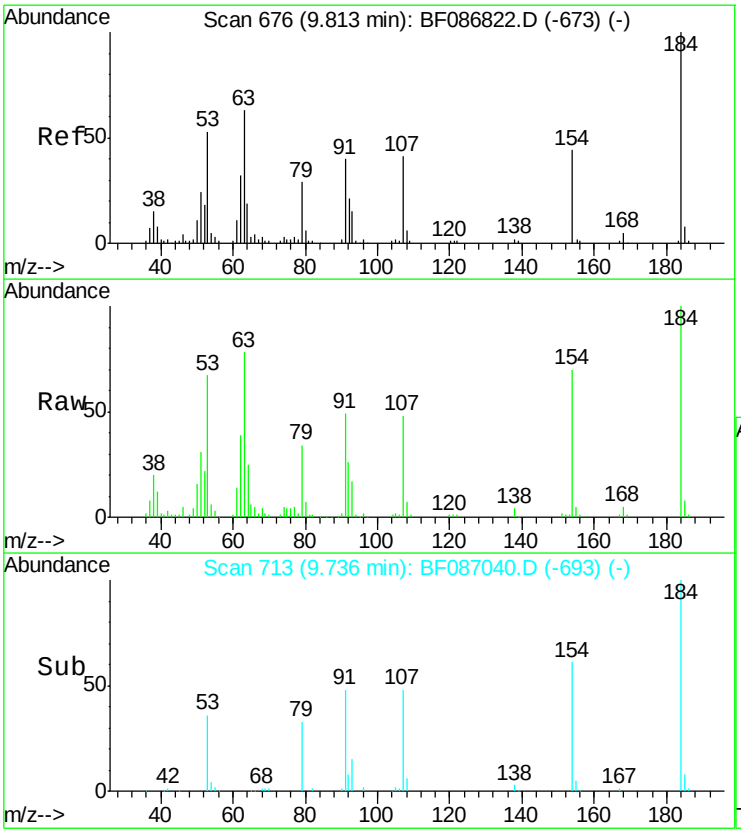
#52
3-Nitroaniline
Concen: 13.51 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:138 Resp: 64281

Ion	Ratio	Lower	Upper
138	100		
108	10.9	7.8	11.6
92	128.7	87.8	131.8

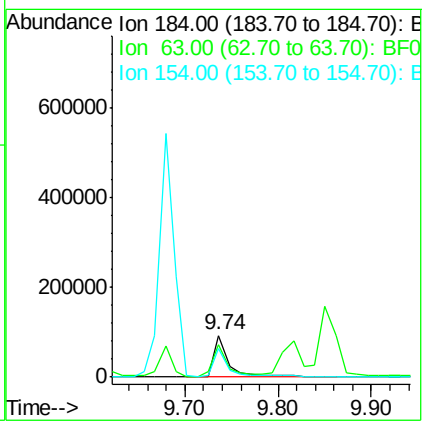


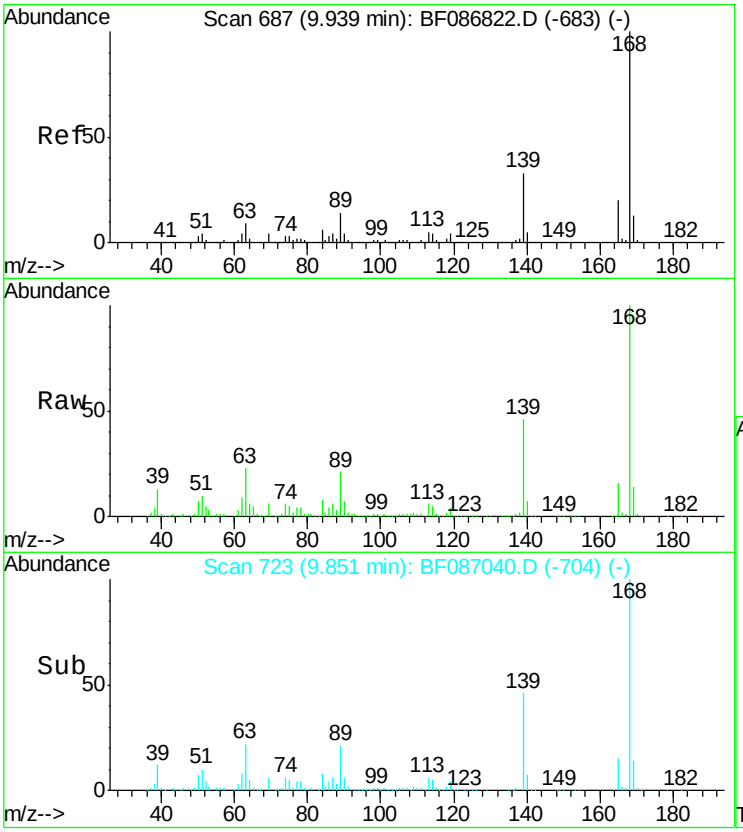


#53
2,4-Dinitrophenol
Concen: 49.44 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:184 Resp: 106682

Ion	Ratio	Lower	Upper
184	100		
63	78.1	55.8	83.8
154	69.5	62.4	93.6



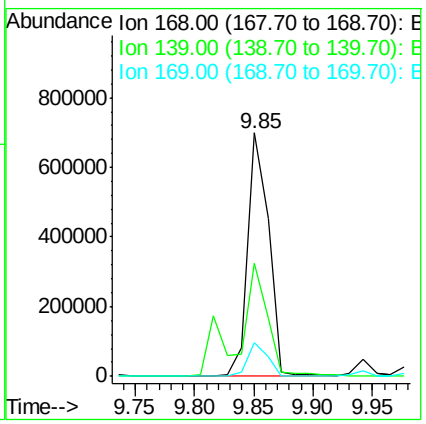


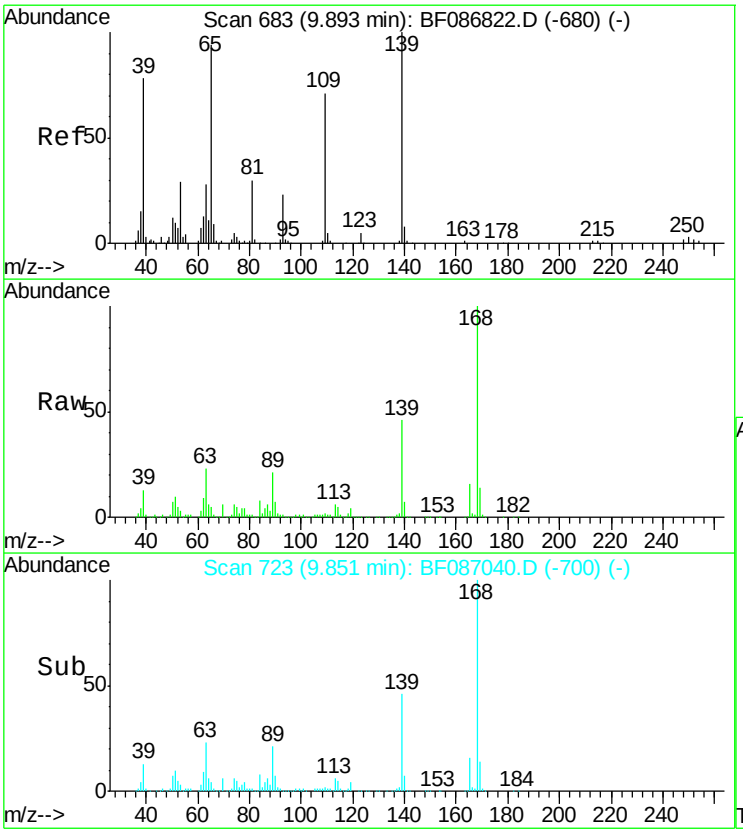
#54
Dibenzofuran
Concen: 42.12 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:168 Resp: 867820

Ion	Ratio	Lower	Upper
168	100		
139	46.4	31.4	47.0
169	13.9	10.7	16.1

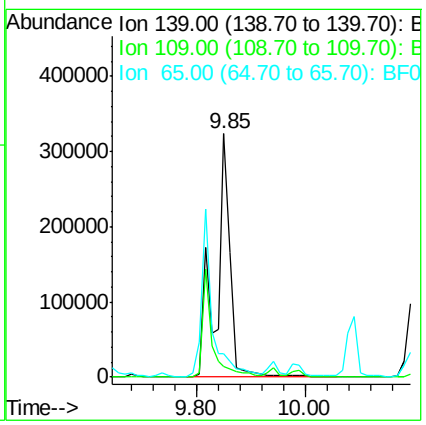


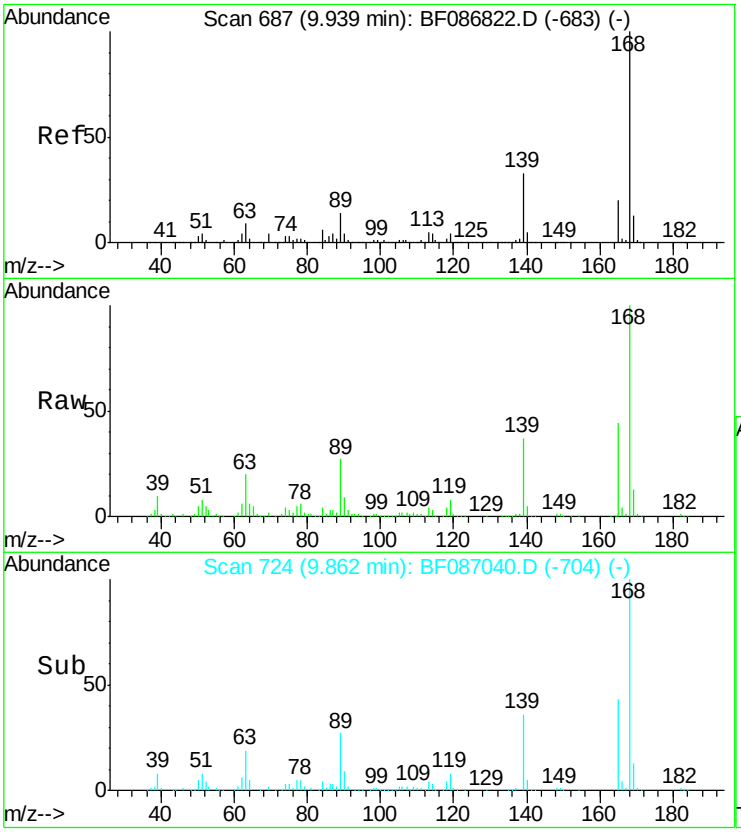


#55
4-Nitrophenol
Concen: 177.24 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.04 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:139 Resp: 580935

Ion	Ratio	Lower	Upper
139	100		
109	4.4	36.9	76.9#
65	9.9	64.0	104.0#



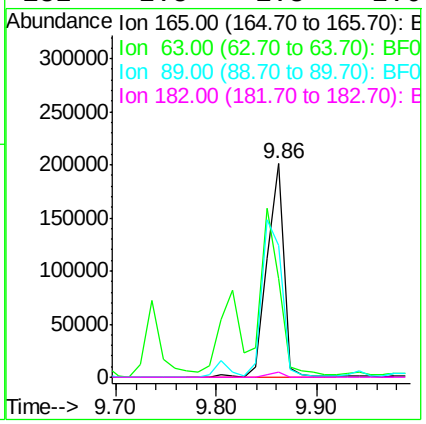


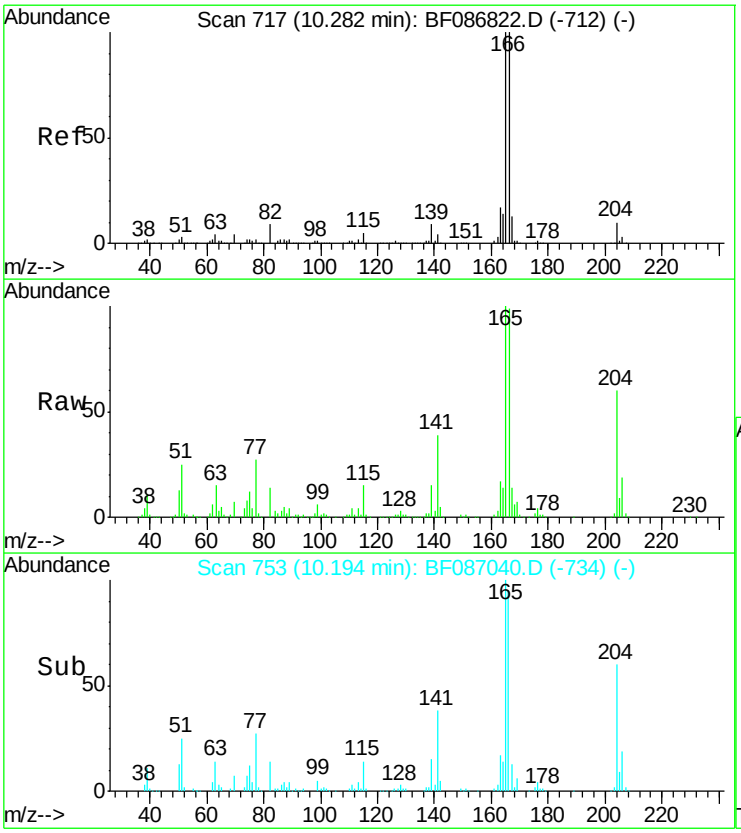
#56
2,4-Dinitrotoluene
Concen: 42.03 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:165 Resp: 235096

Ion	Ratio	Lower	Upper
165	100		
63	46.2	44.3	66.5
89	61.8	70.0	105.0#
182	2.5	1.8	2.6

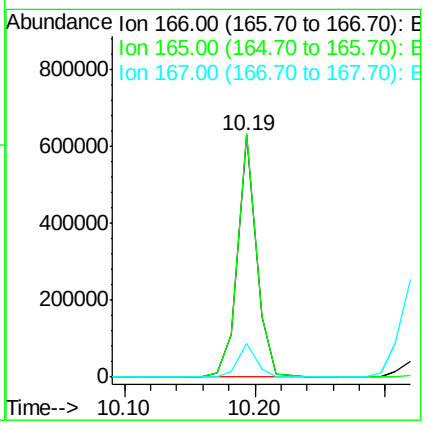


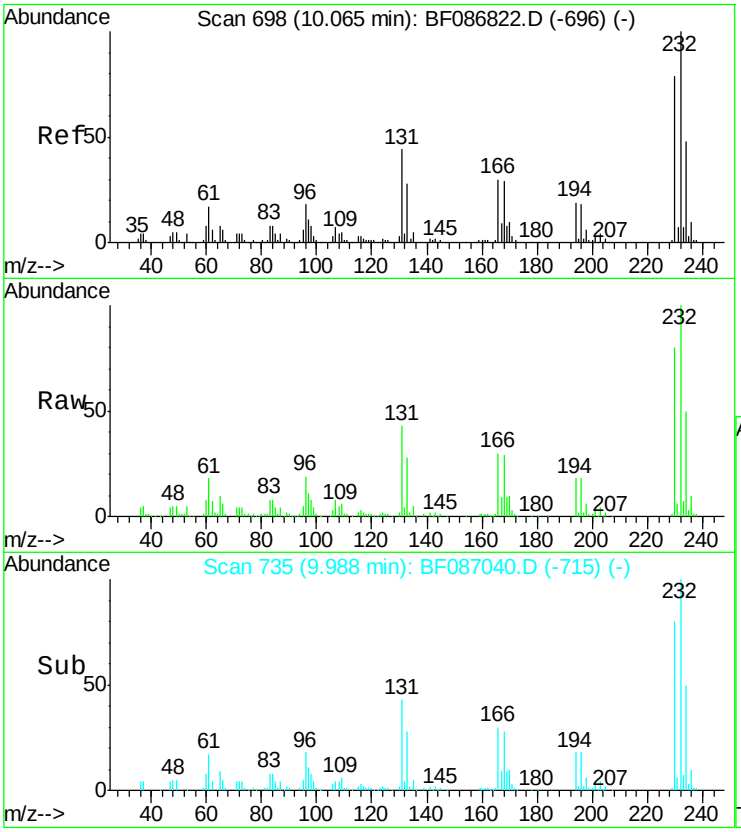


#57
Fluorene
Concen: 36.14 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:166 Resp: 635083

Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.0	118.6
167	13.9	10.6	15.8



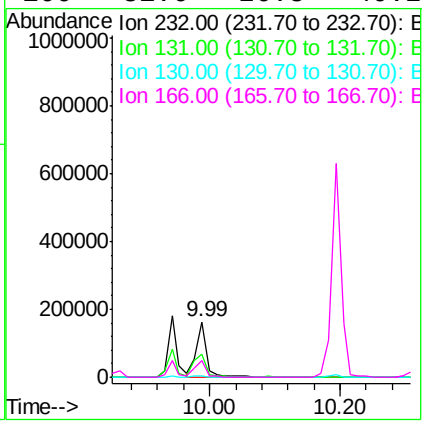


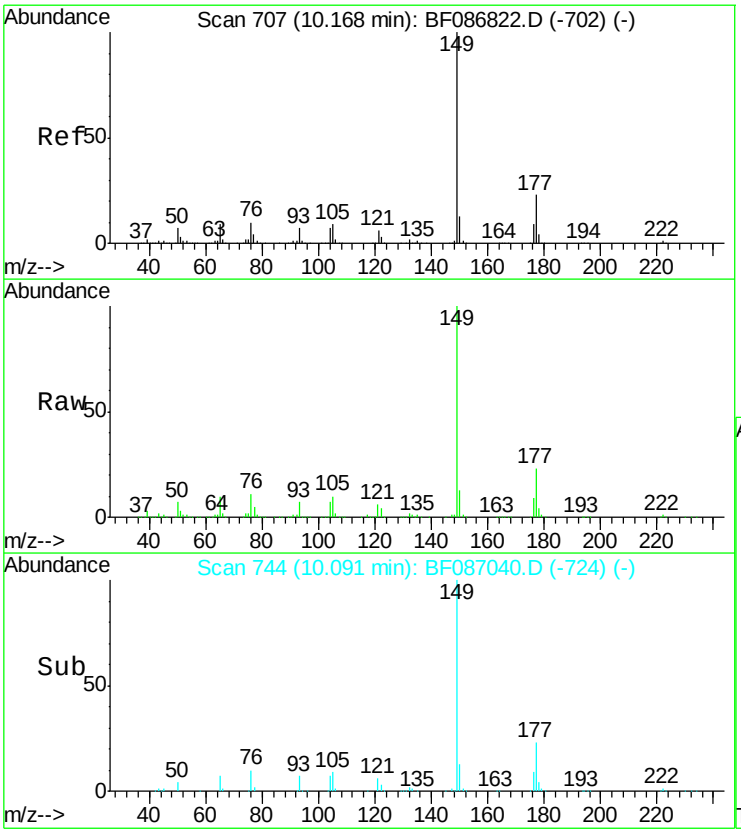
#58
2,3,4,6-Tetrachlorophenol
Concen: 42.26 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:232 Resp: 180076

Ion	Ratio	Lower	Upper
232	100		
131	51.1	41.9	62.9
130	2.7	2.2	3.4
166	31.6	26.8	40.2

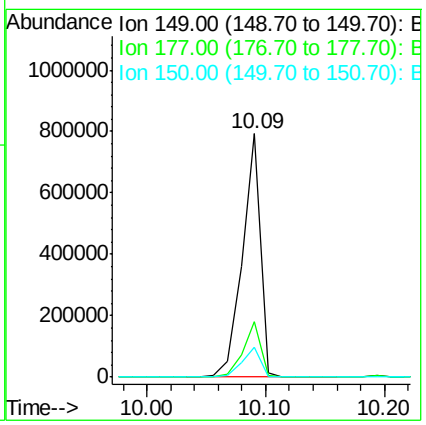


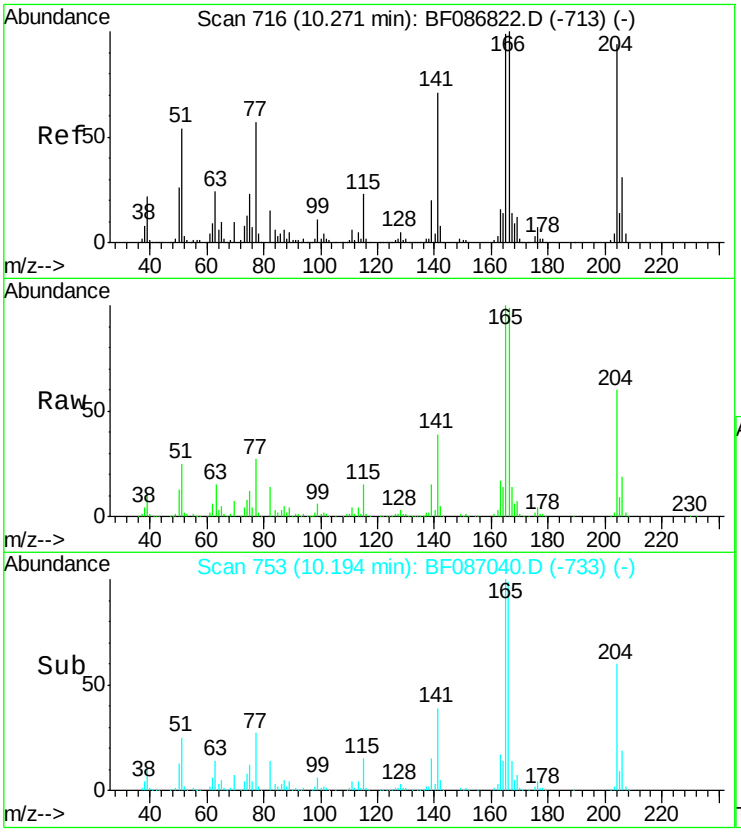


#59
Diethylphthalate
Concen: 40.29 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:149 Resp: 843147

Ion	Ratio	Lower	Upper
149	100		
177	22.8	16.6	24.8
150	12.5	10.0	15.0



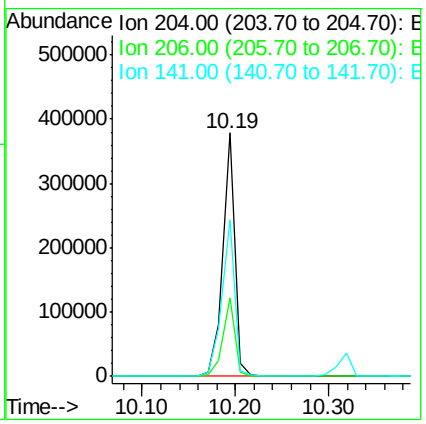


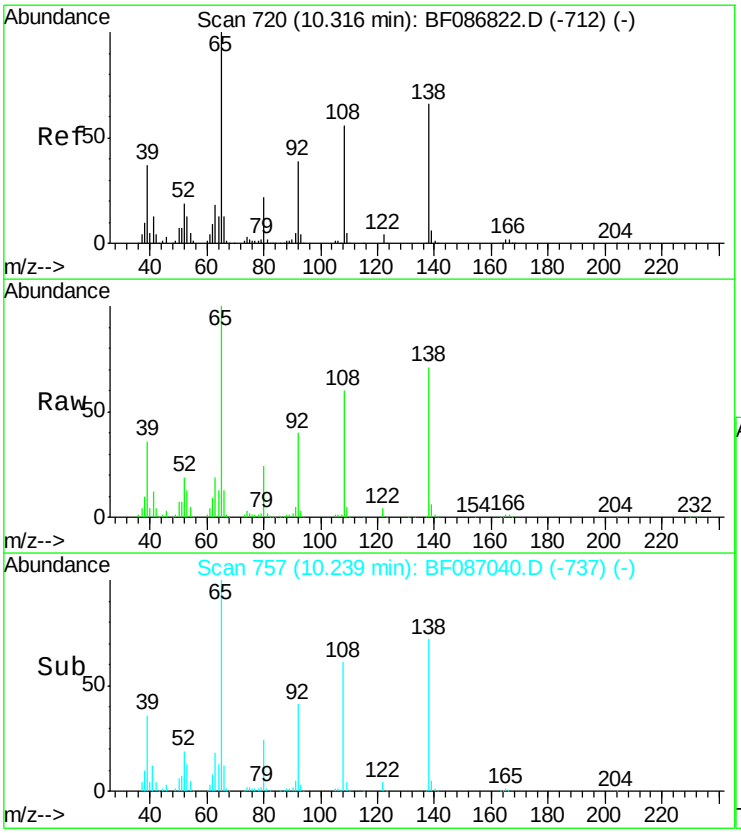
#60
4-Chlorophenyl-phenylether
Concen: 44.03 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:204 Resp: 338367

Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.4	38.0
141	64.5	61.6	92.4

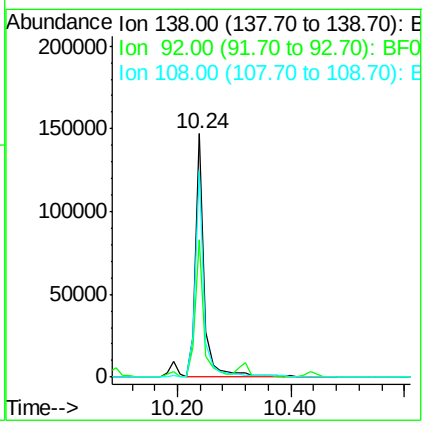


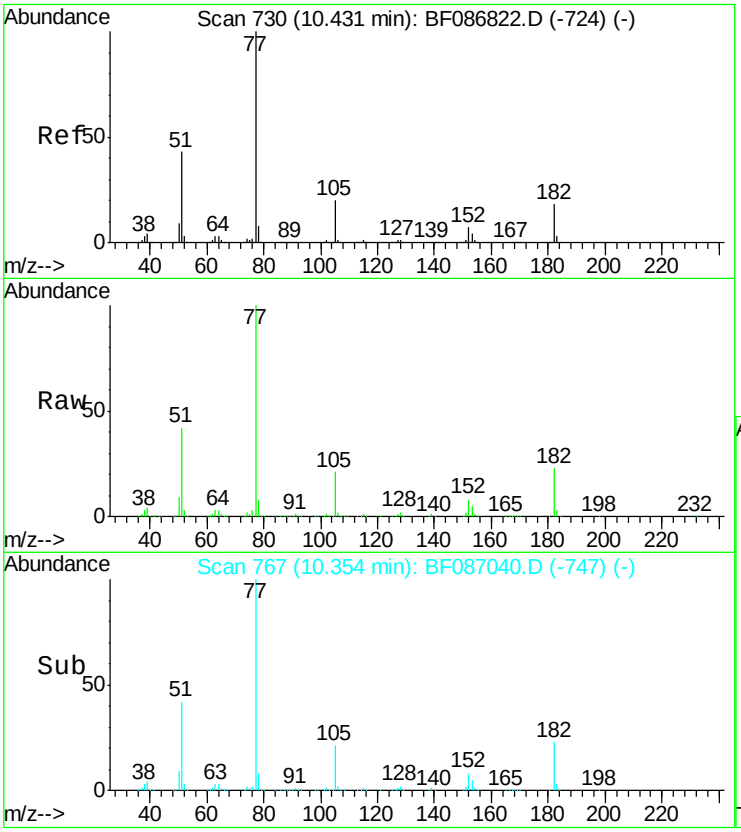


#61
4-Nitroaniline
Concen: 33.94 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:138 Resp: 155092

Ion	Ratio	Lower	Upper
138	100		
92	56.3	24.7	64.7
108	84.6	37.4	77.4#



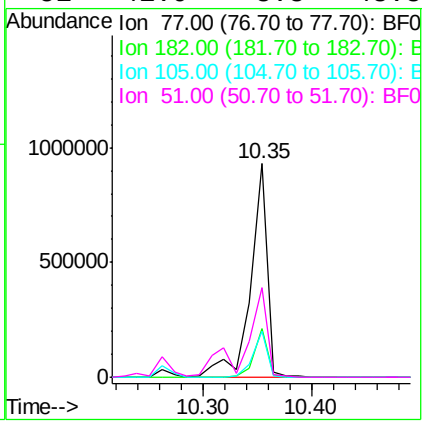


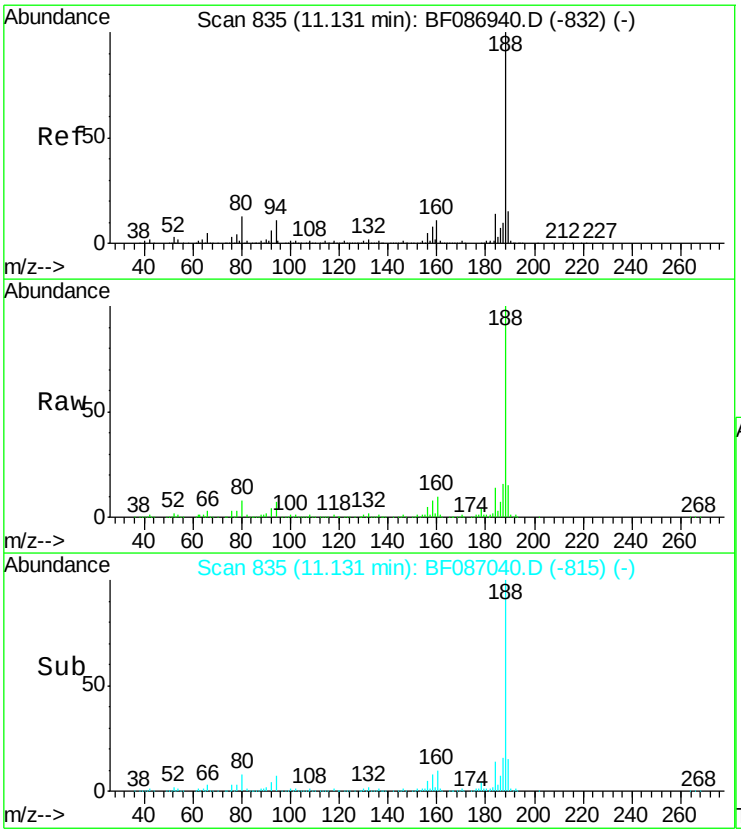
#62
Azobenzene
Concen: 43.77 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion: 77 Resp: 988116

Ion	Ratio	Lower	Upper
77	100		
182	22.5	0.0	38.8
105	21.4	3.2	43.2
51	41.9	8.8	48.8

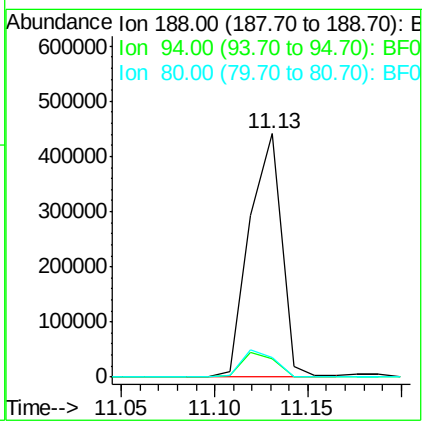


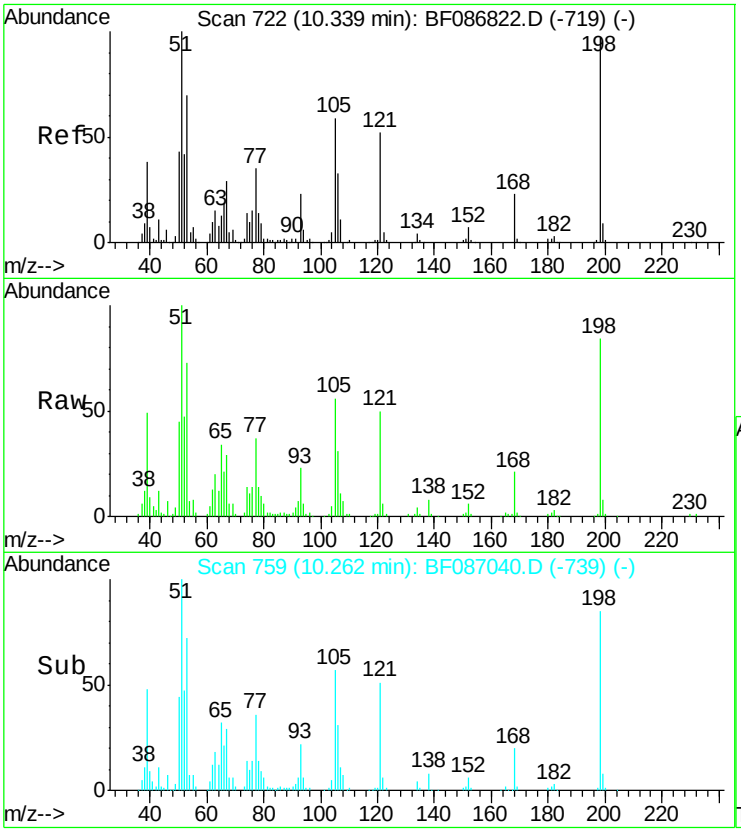


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:188 Resp: 527846

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.8	10.2
80	7.8	7.1	10.7



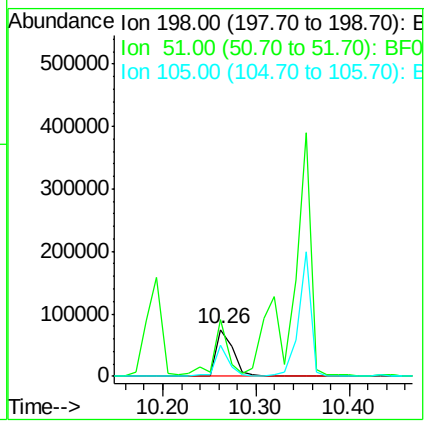


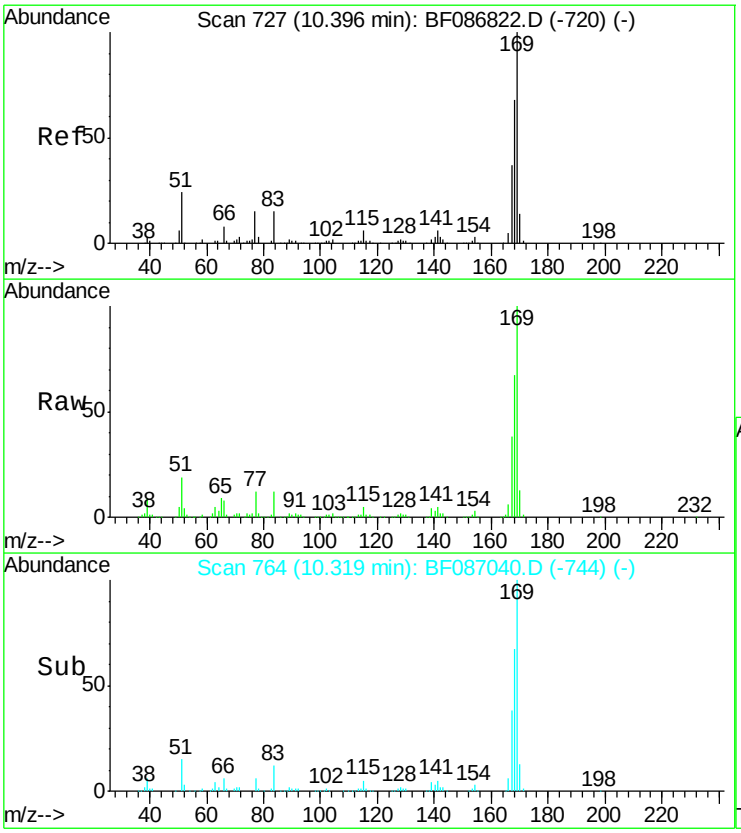
#64
4,6-Dinitro-2-methylphenol
Concen: 29.35 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:198 Resp: 96239

Ion	Ratio	Lower	Upper
198	100		
51	119.5	20.5	60.5#
105	66.8	24.5	64.5#

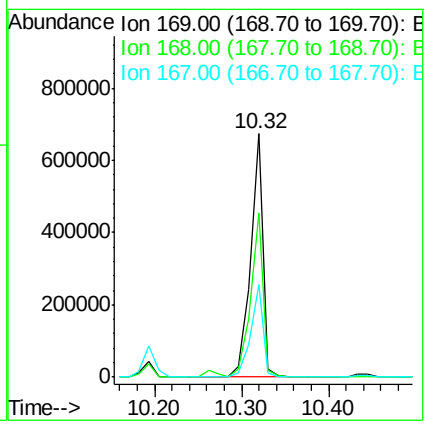


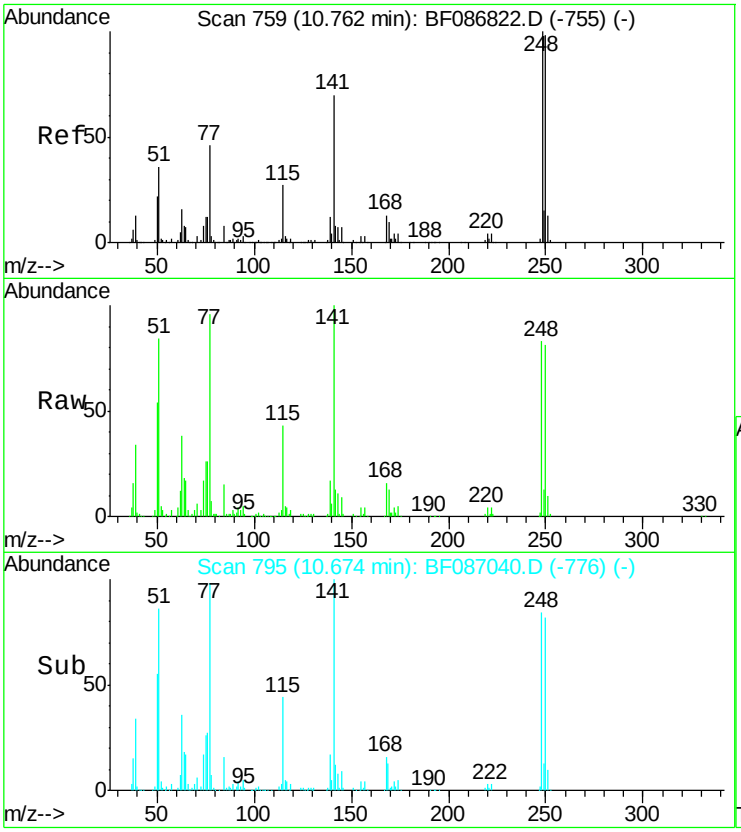


#65
n-Nitrosodiphenylamine
Concen: 41.65 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:169 Resp: 675370

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.8	80.6
167	37.8	29.5	44.3



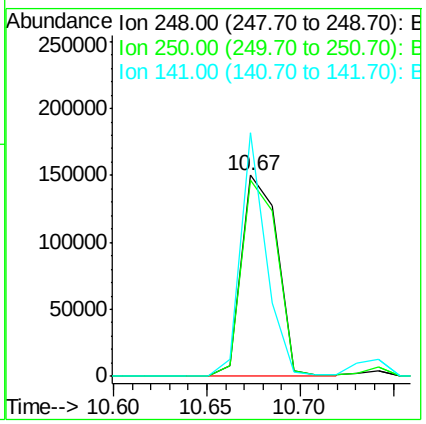


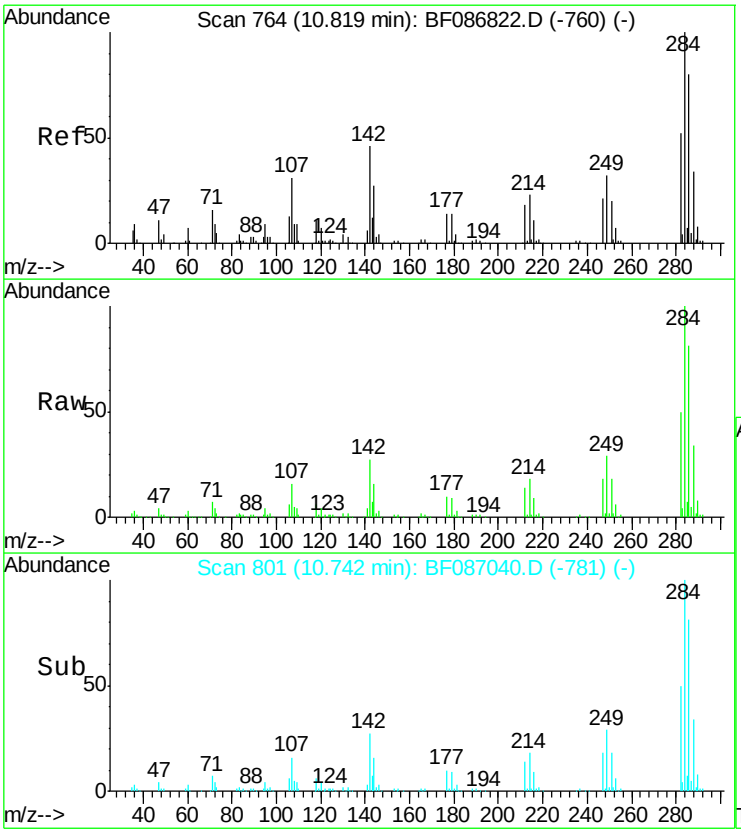
#66
4-Bromophenyl-phenylether
Concen: 37.47 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:248 Resp: 200515

Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.6	117.8
141	121.1	76.0	114.0#

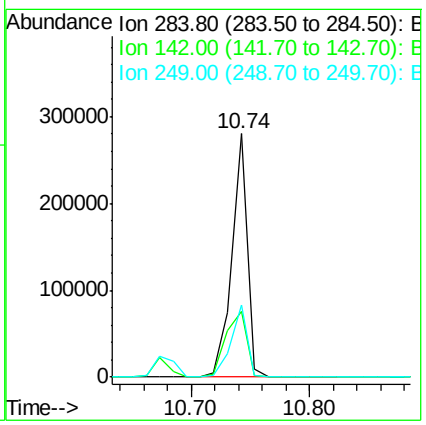


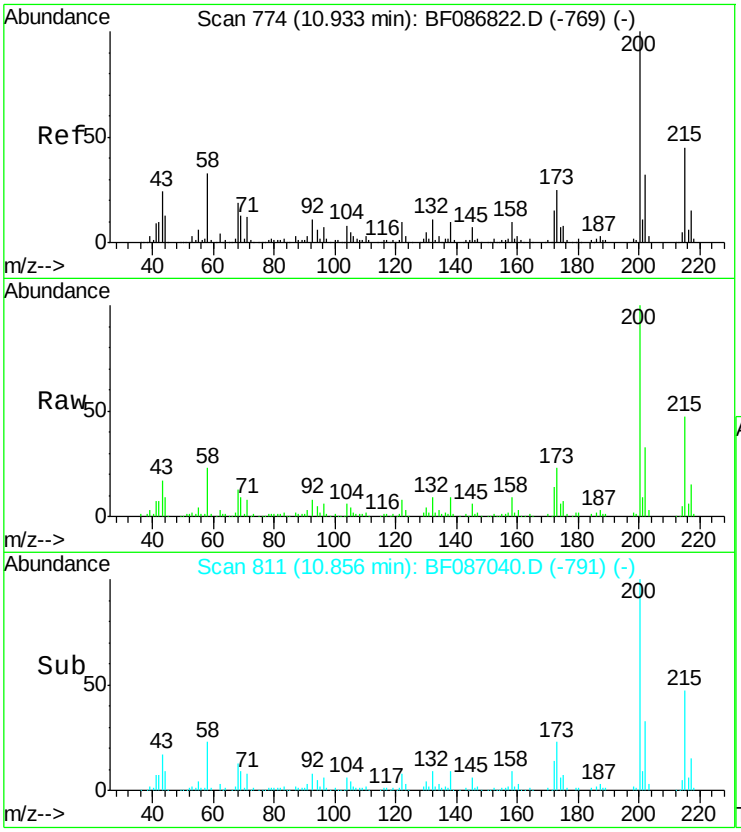


#67
Hexachlorobenzene
Concen: 40.73 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:284 Resp: 254755

Ion	Ratio	Lower	Upper
284	100		
142	27.0	16.7	25.1#
249	29.4	21.3	31.9



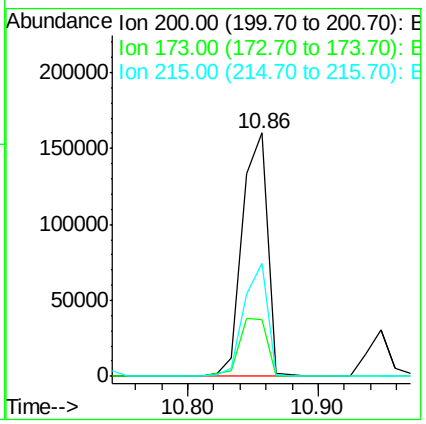


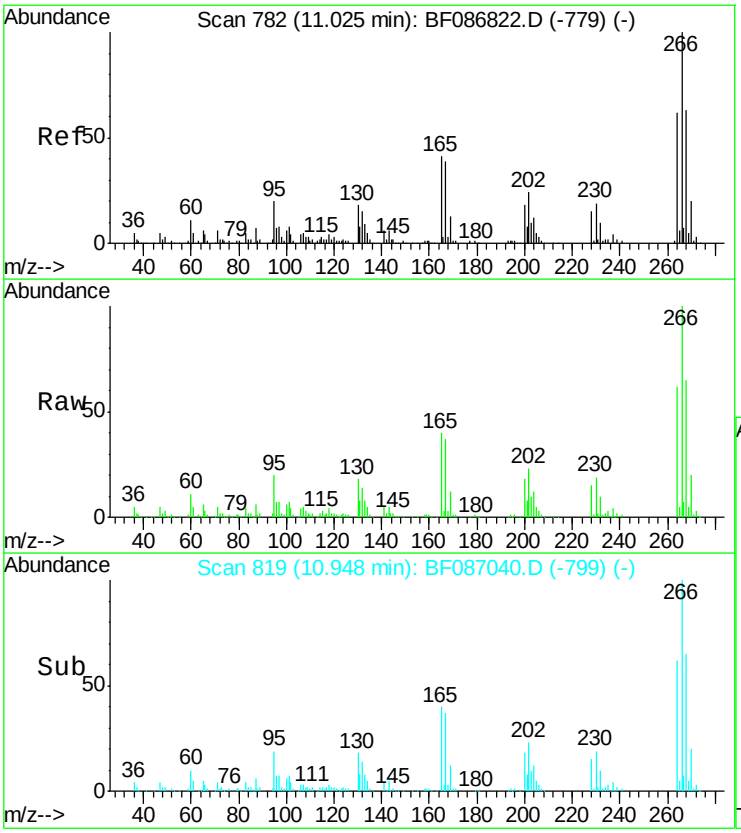
#68
Atrazine
Concen: 39.47 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:200 Resp: 213800

Ion	Ratio	Lower	Upper
200	100		
173	23.1	8.5	48.5
215	46.6	27.2	67.2

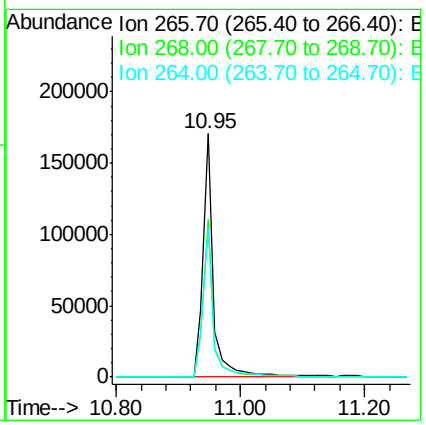


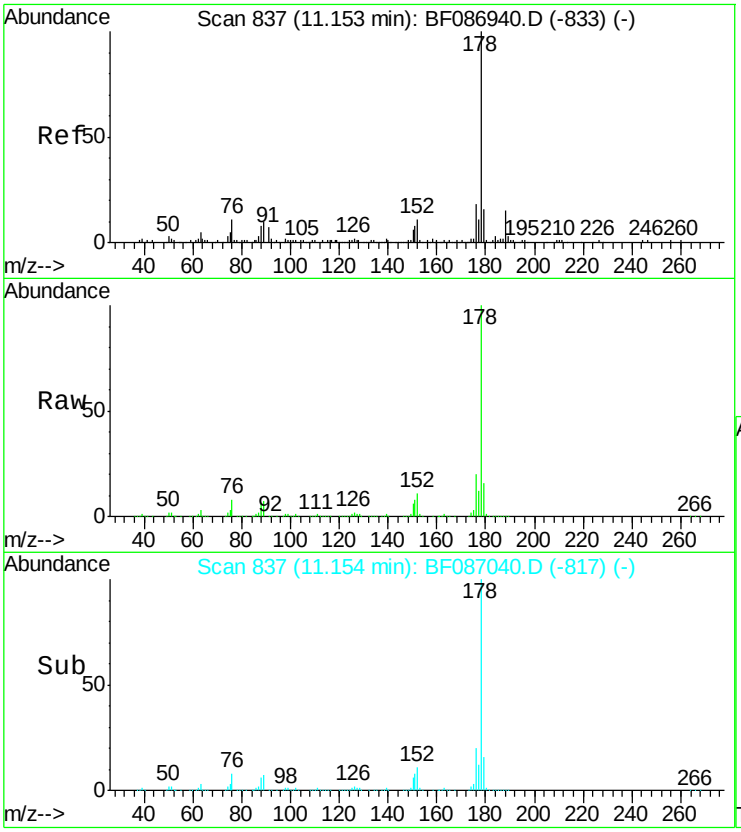


#69
Pentachlorophenol
Concen: 70.51 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:266 Resp: 203818

Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.5	77.3
264	61.9	52.9	79.3



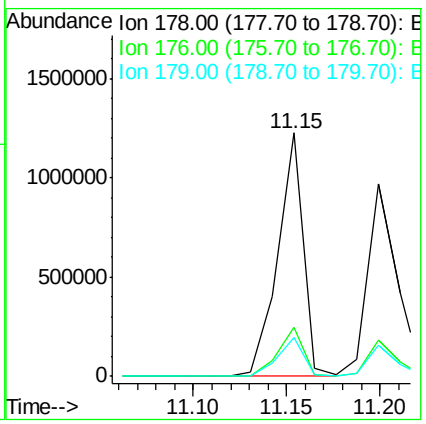


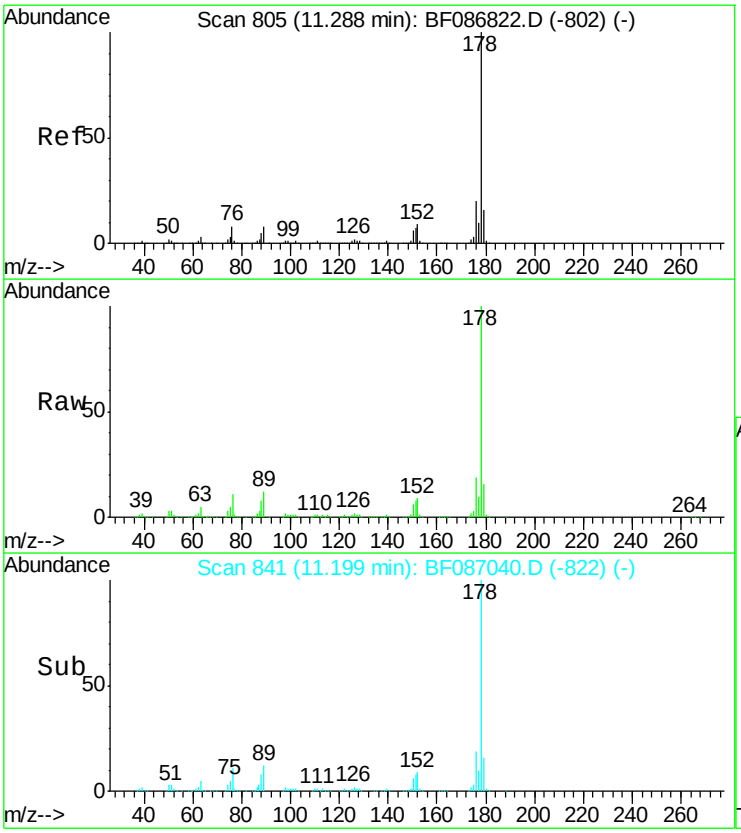
#70
Phenanthrene
Concen: 41.27 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:178 Resp: 1162552

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	15.7	12.6	18.8

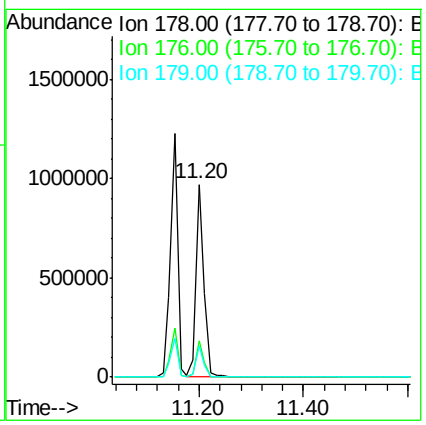


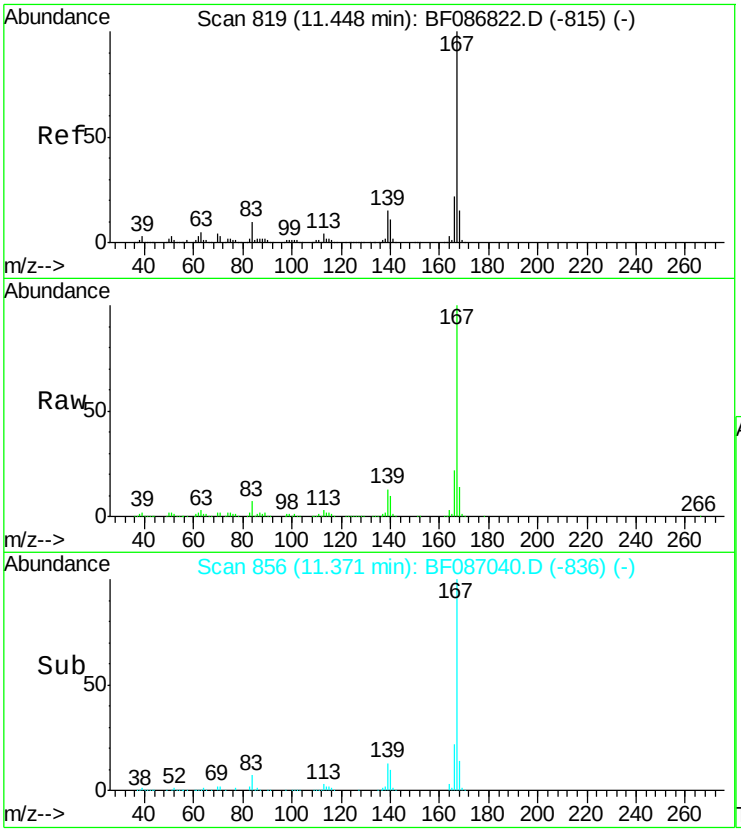


#71
Anthracene
Concen: 36.47 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:178 Resp: 1050688

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	16.0	12.7	19.1



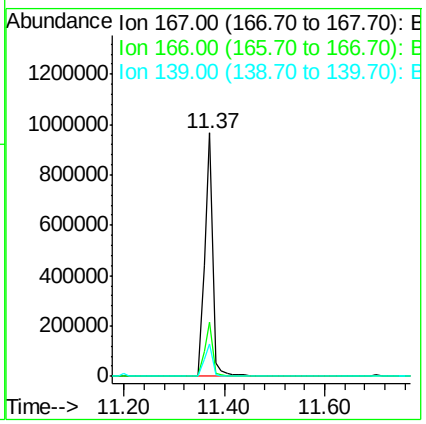


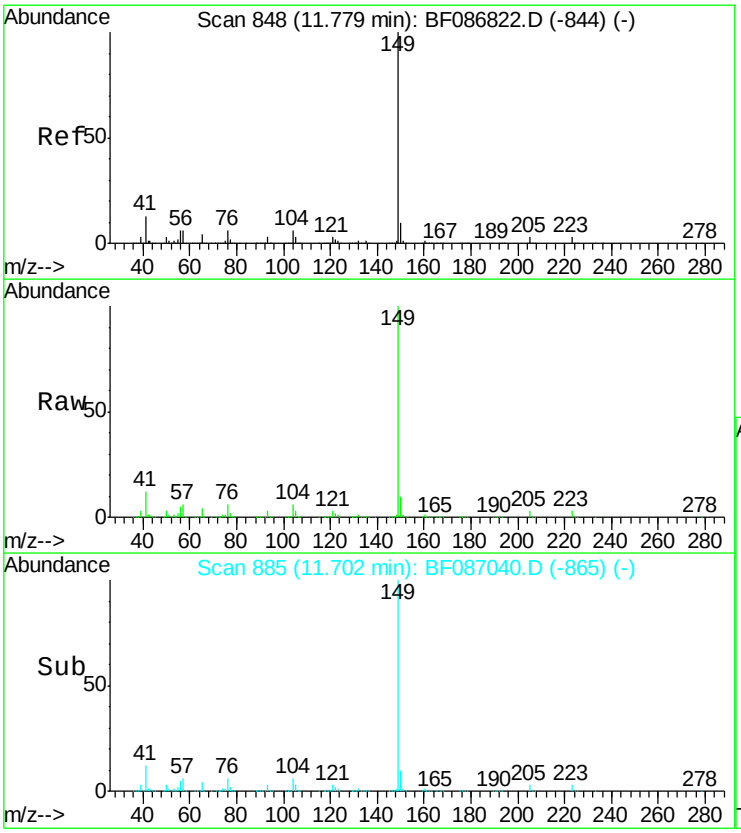
#72
Carbazole
Concen: 42.62 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:167 Resp: 1055384

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.7	26.5
139	13.3	10.8	16.2

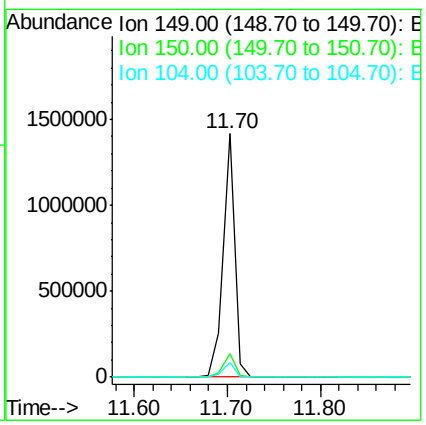


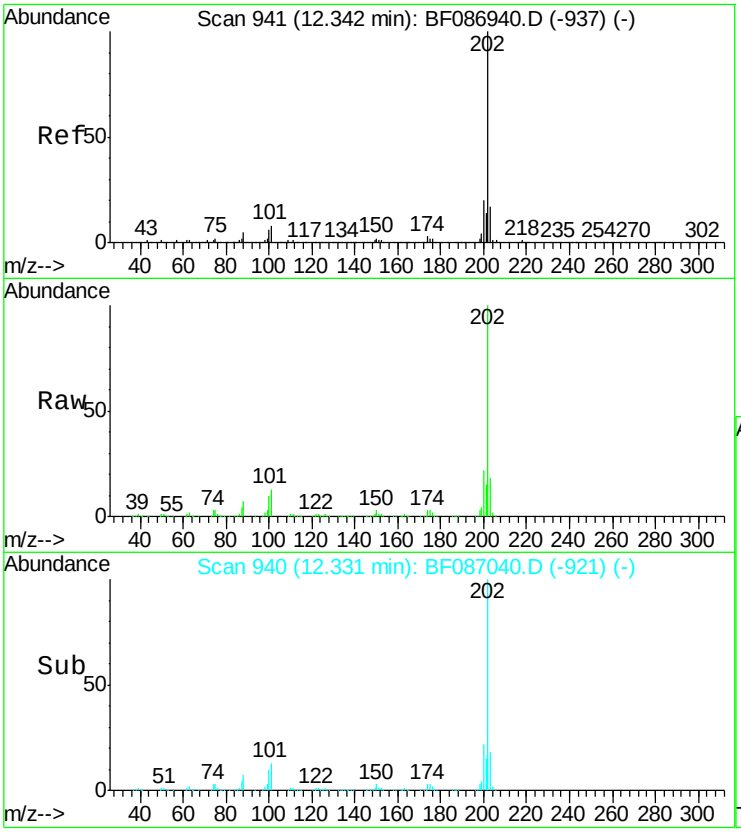


#73
Di-n-butylphthalate
Concen: 40.10 ng
RT: 11.70 min Scan# 885
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:149 Resp: 1212808

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	6.0	3.8	5.6#



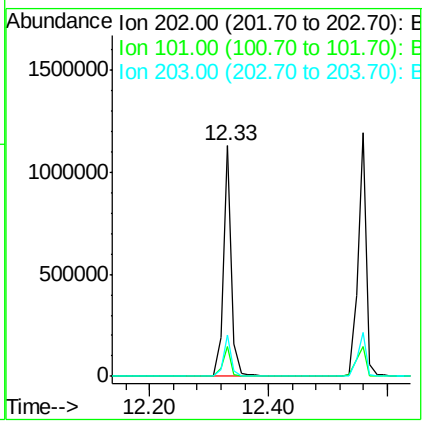


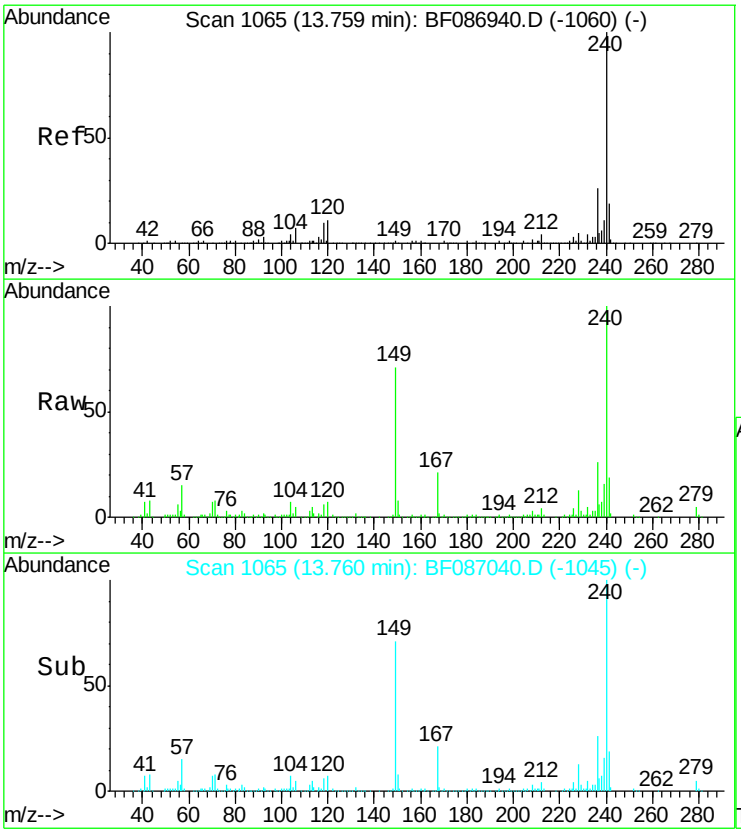
#74
Fluoranthene
Concen: 36.12 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:202 Resp: 1046423

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	35.4
203	18.1	0.0	38.1

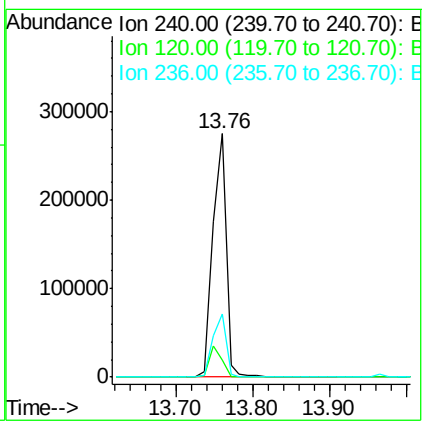


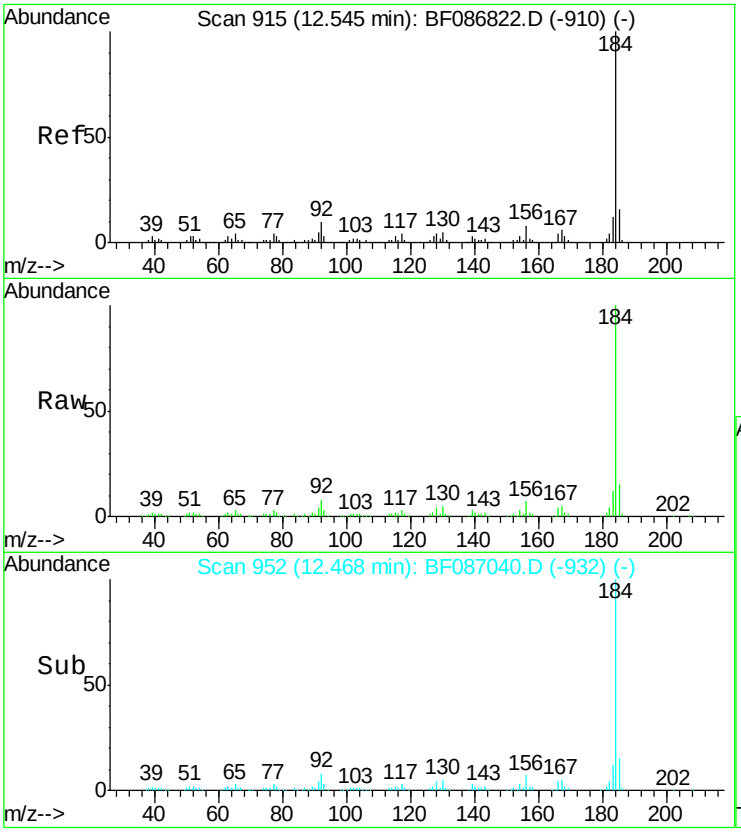


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:240 Resp: 330698

Ion	Ratio	Lower	Upper
240	100		
120	6.9	11.2	16.8#
236	26.1	21.2	31.8



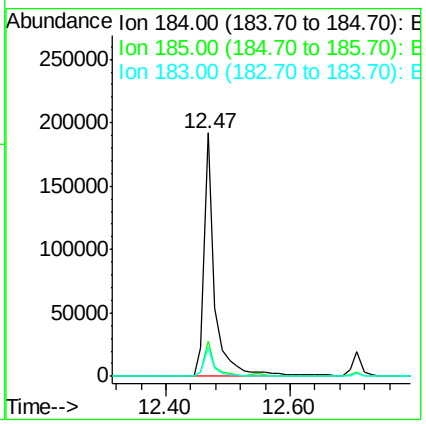


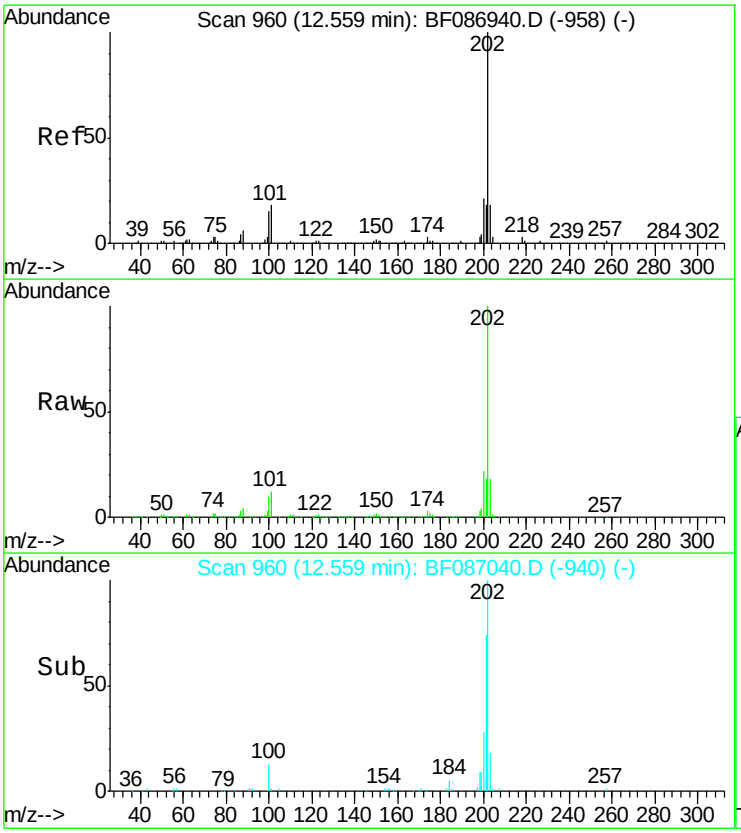
#76
Benzidine
Concen: 27.46 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:184 Resp: 231535

Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.6	20.4
183	11.7	9.8	14.6

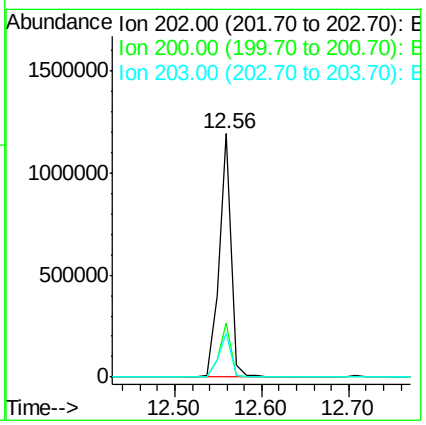


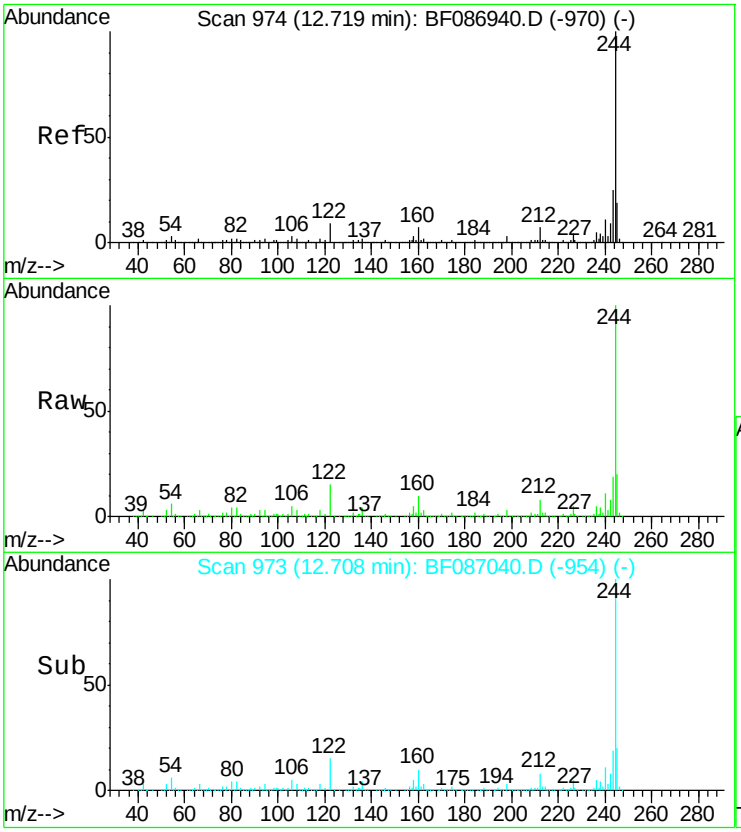


#77
Pyrene
Concen: 45.59 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:202 Resp: 1154232

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	18.1	14.2	21.4



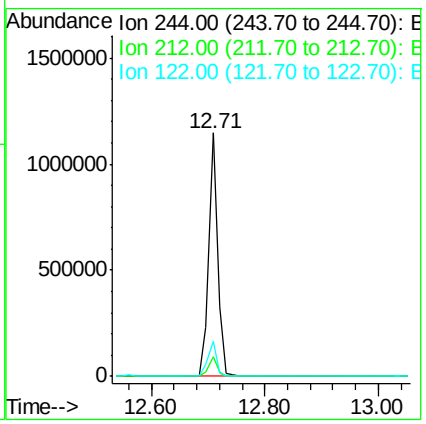


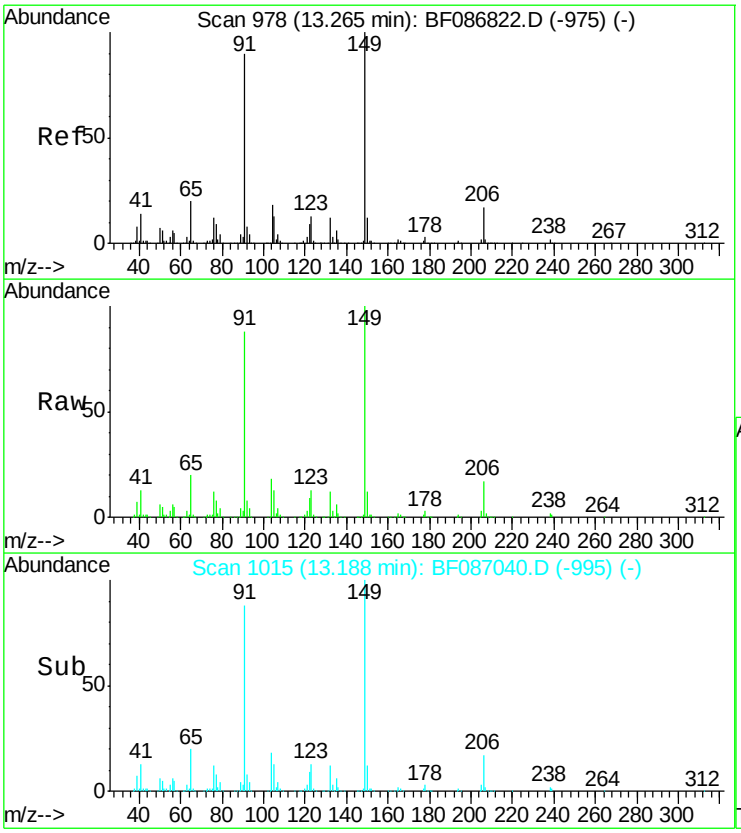
#78
Terphenyl-d14
Concen: 77.23 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:244 Resp: 1203804

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	14.5	12.0	18.0

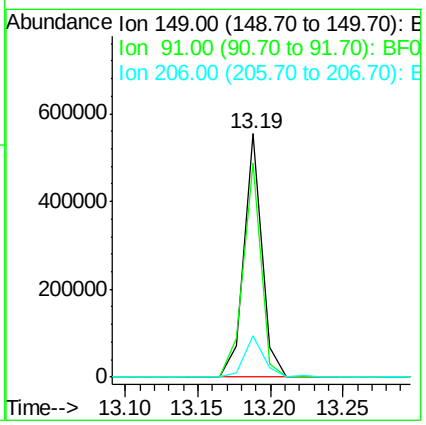


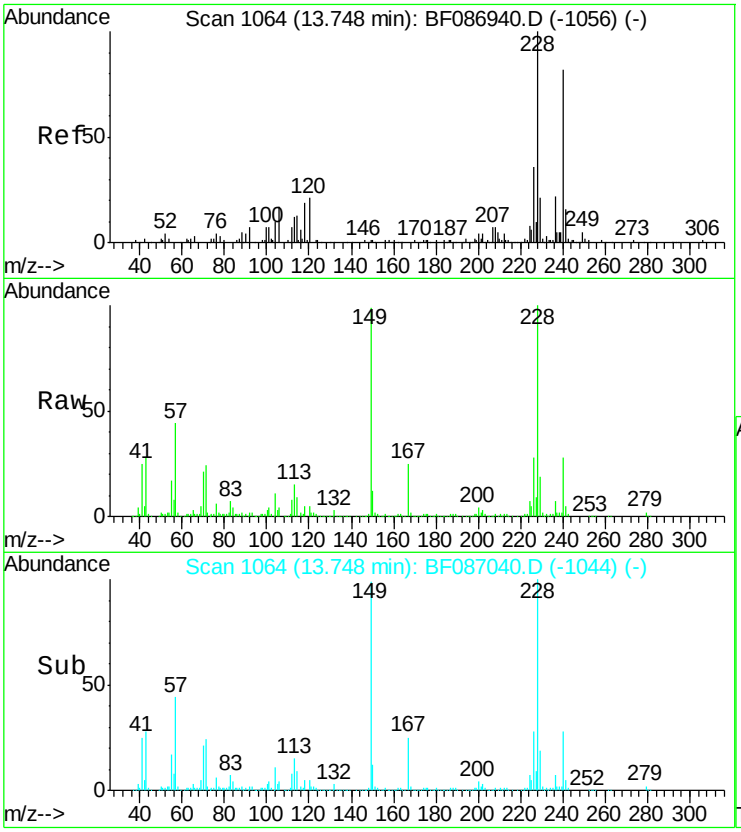


#79
Butylbenzylphthalate
Concen: 44.68 ng
RT: 13.19 min Scan# 1015
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:149 Resp: 478496

Ion	Ratio	Lower	Upper
149	100		
91	87.9	48.0	72.0#
206	16.8	15.8	23.6



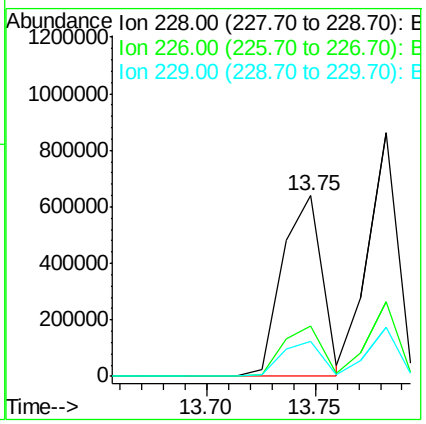


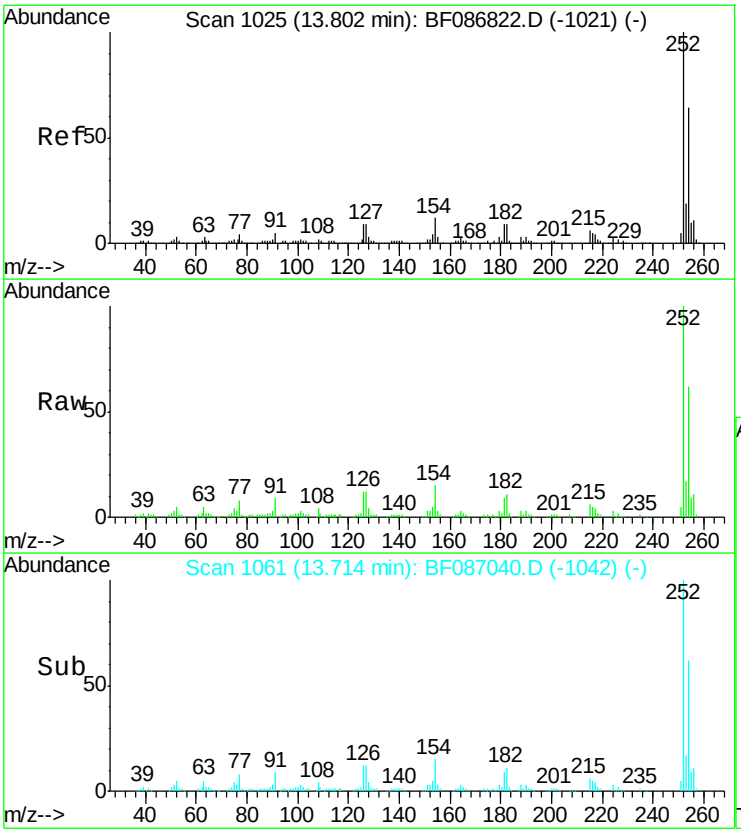
#80
Benzo(a)anthracene
Concen: 43.52 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:228 Resp: 807966

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.5	33.7
229	19.4	16.6	25.0

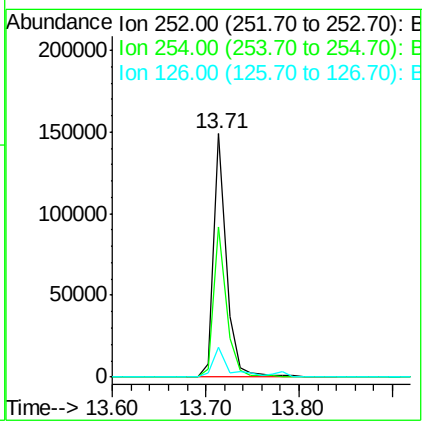


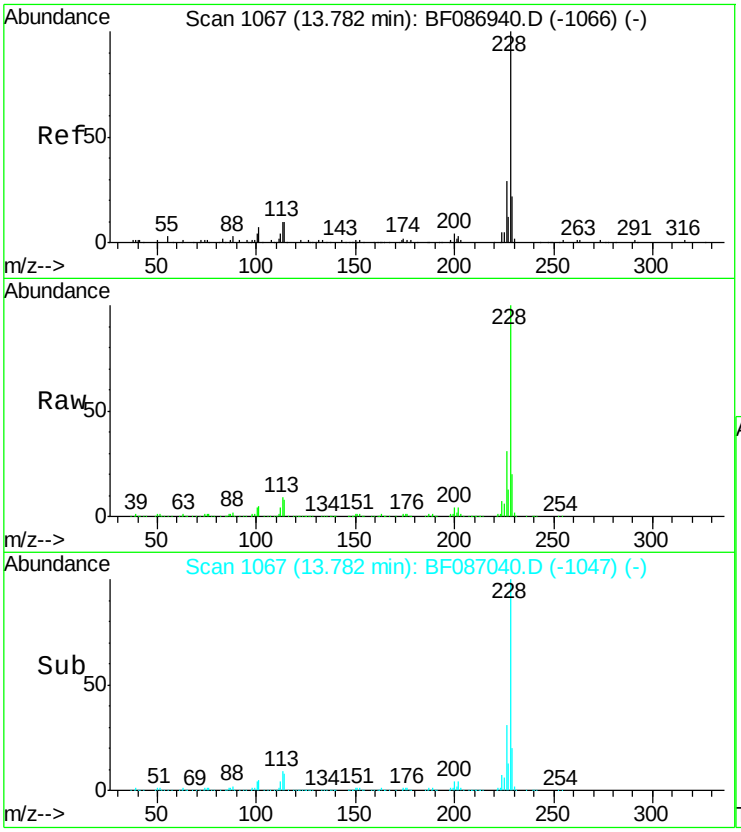


#81
3,3'-Dichlorobenzidine
Concen: 12.12 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:252 Resp: 142986

Ion	Ratio	Lower	Upper
252	100		
254	61.8	50.7	76.1
126	12.1	12.7	19.1#



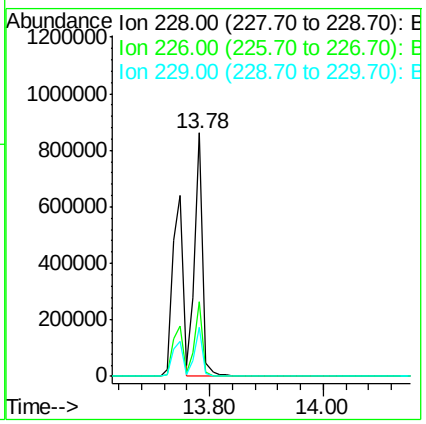


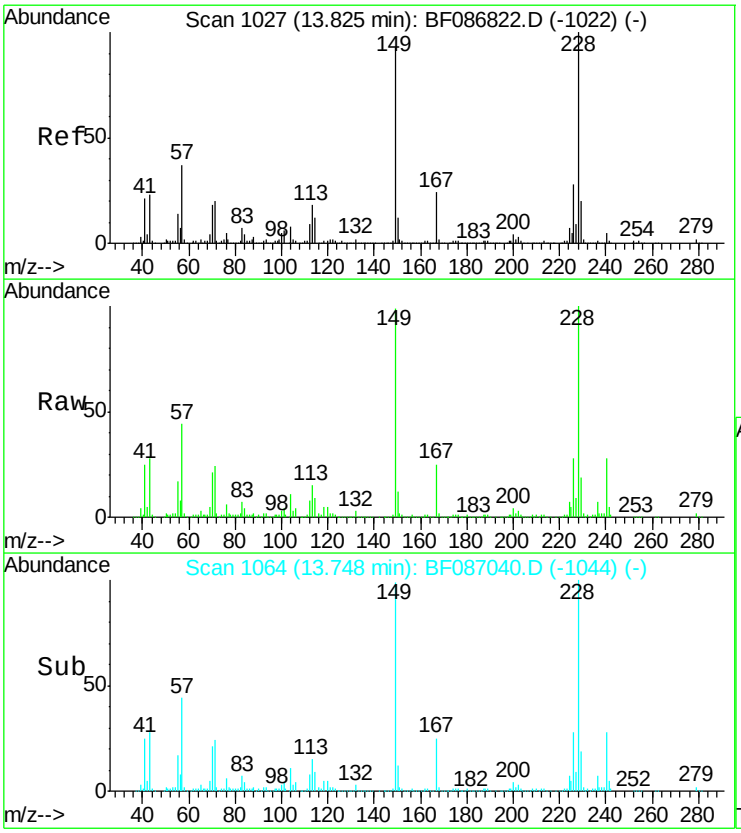
#82
Chrysene
Concen: 44.66 ng
RT: 13.78 min Scan# 1067
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:228 Resp: 843347

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	19.9	15.8	23.8

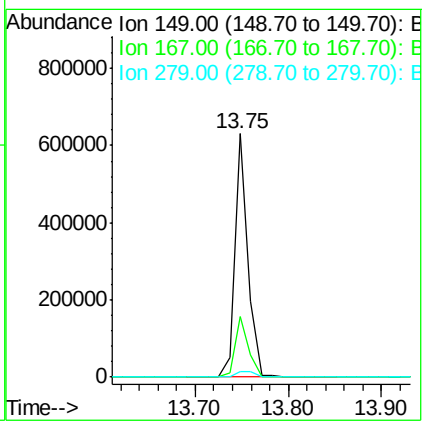


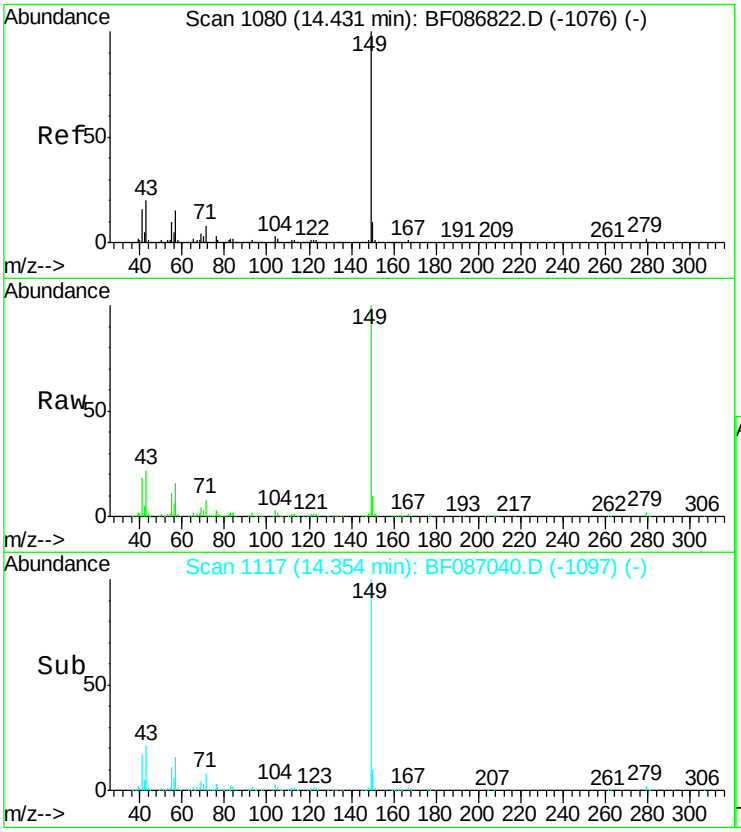


#83
Bis(2-ethylhexyl)phthalate
Concen: 47.33 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:149 Resp: 609727

Ion	Ratio	Lower	Upper
149	100		
167	25.1	21.8	32.6
279	2.3	2.6	4.0#



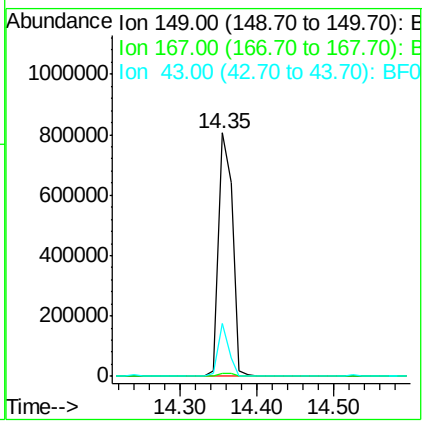


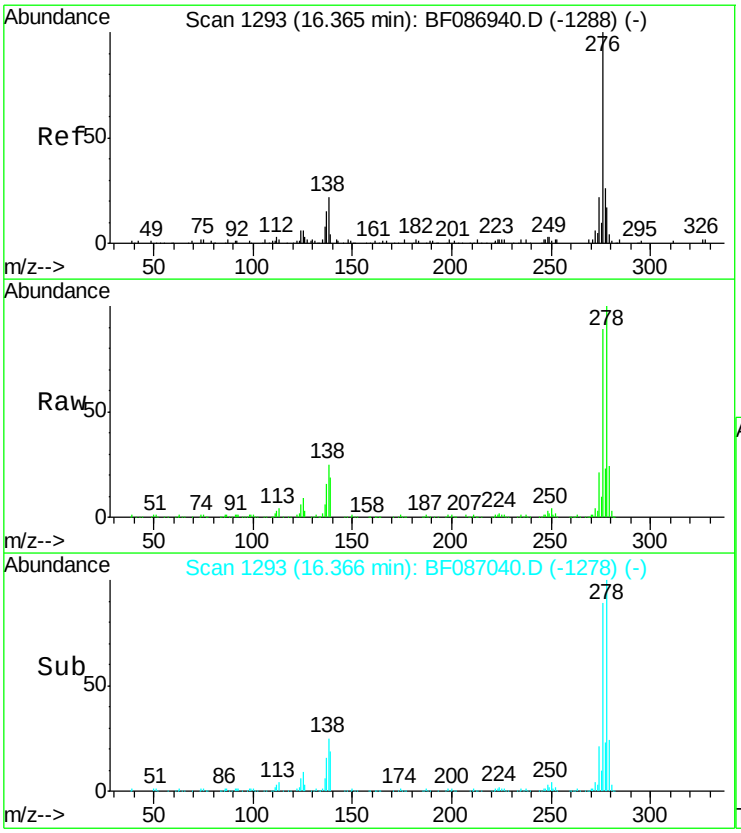
#84
Di-n-octyl phthalate
Concen: 48.12 ng
RT: 14.35 min Scan# 1117
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:149 Resp: 1026693

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	16.7	8.2	12.4#

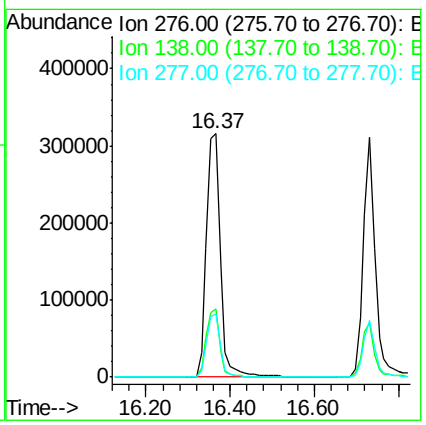


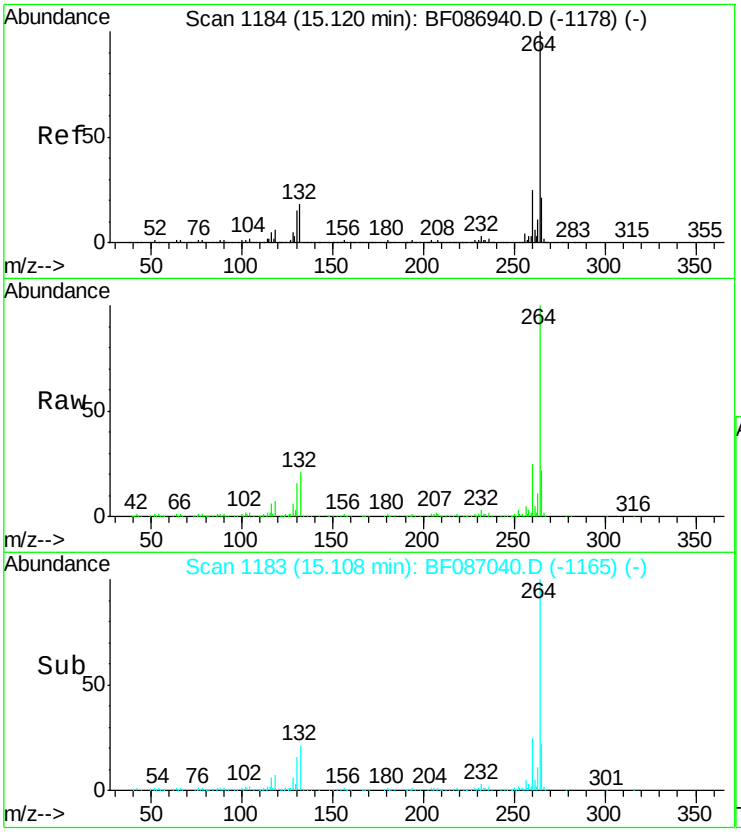


#85
Indeno(1,2,3-cd)pyrene
Concen: 46.38 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.13 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:276 Resp: 728741

Ion	Ratio	Lower	Upper
276	100		
138	27.3	25.6	38.4
277	25.3	20.5	30.7



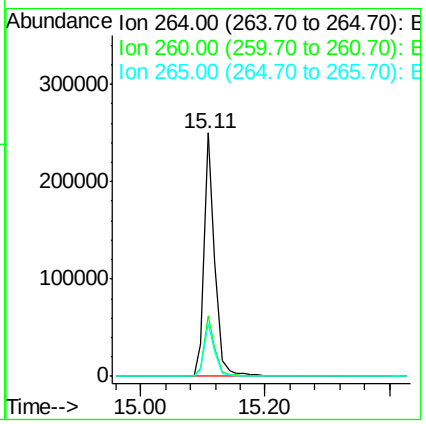


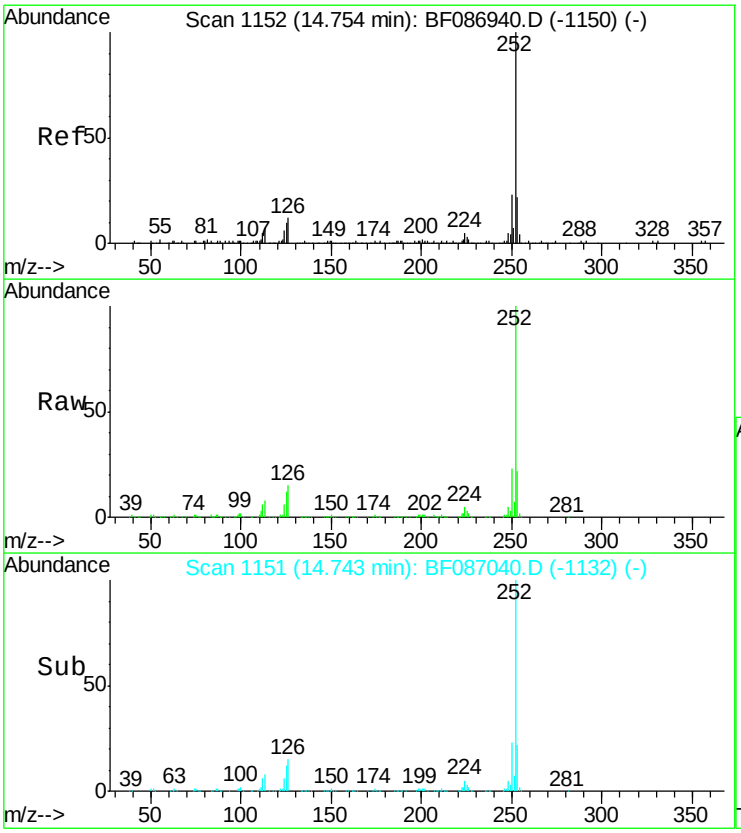
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.10 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:264 Resp: 300369

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.7	17.3	25.9

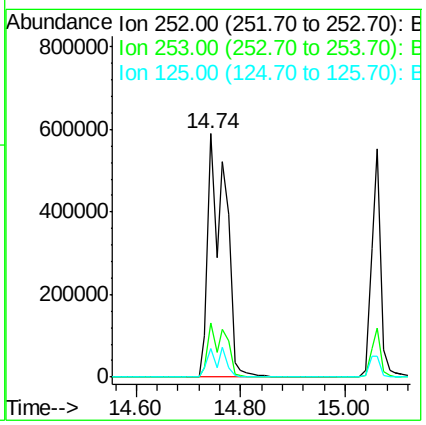


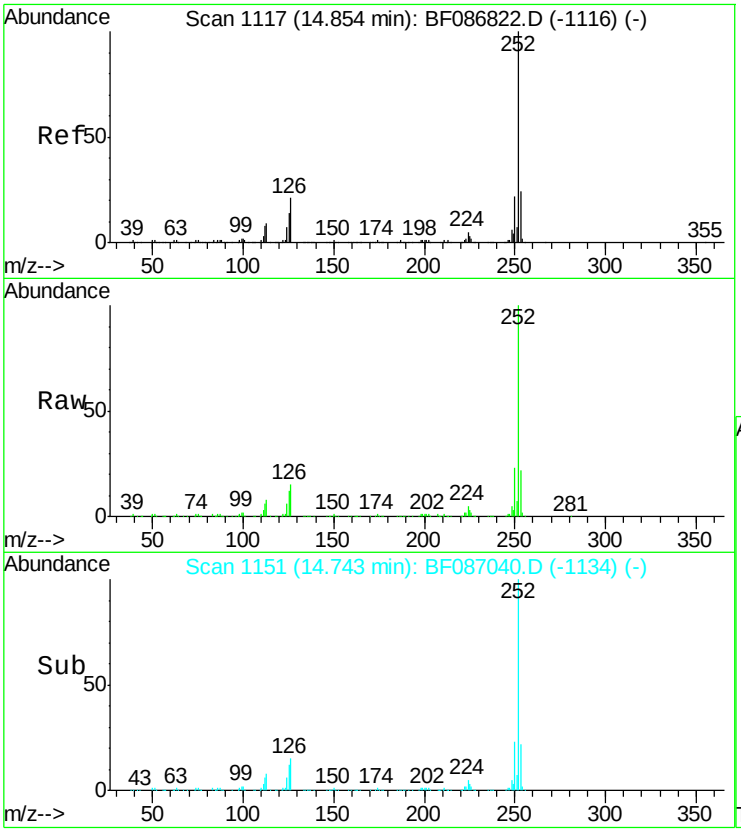


#87
Benzo(b)fluoranthene
Concen: 69.93 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:252 Resp: 1365066

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.6	11.4	17.0



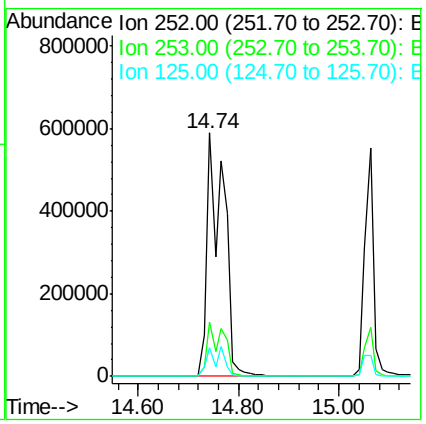


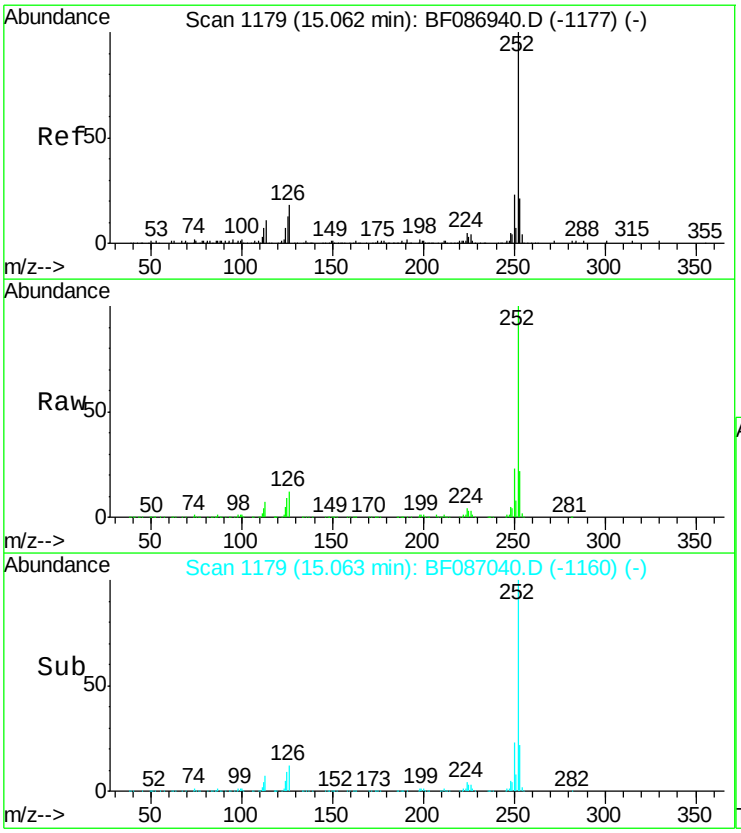
#88
Benzo(k)fluoranthene
Concen: 85.43 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.11 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:252 Resp: 1365462

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.6	9.1	13.7

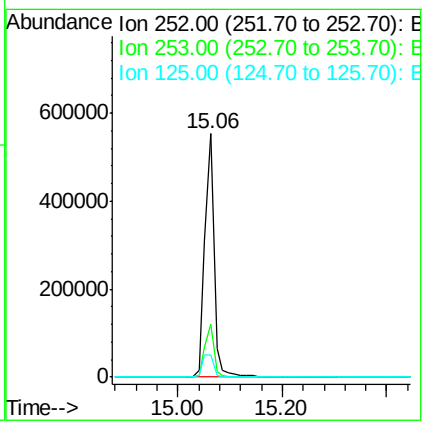


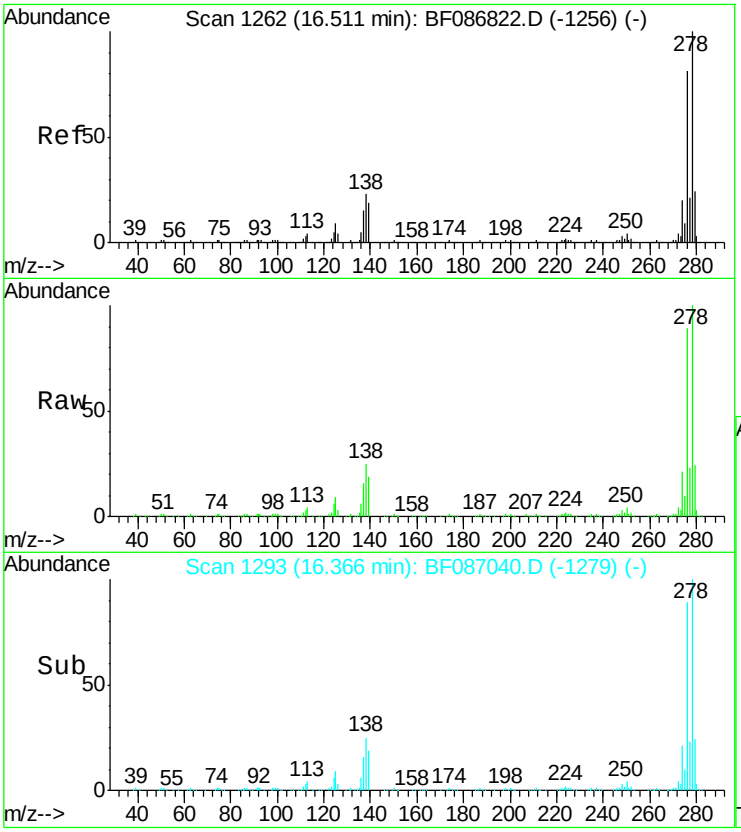


#89
Benzo(a)pyrene
Concen: 40.33 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:252 Resp: 679015

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	9.1	9.0	13.6



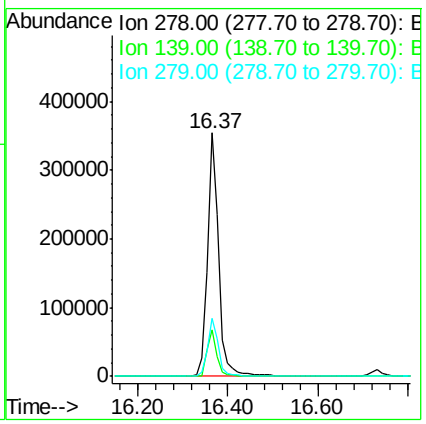


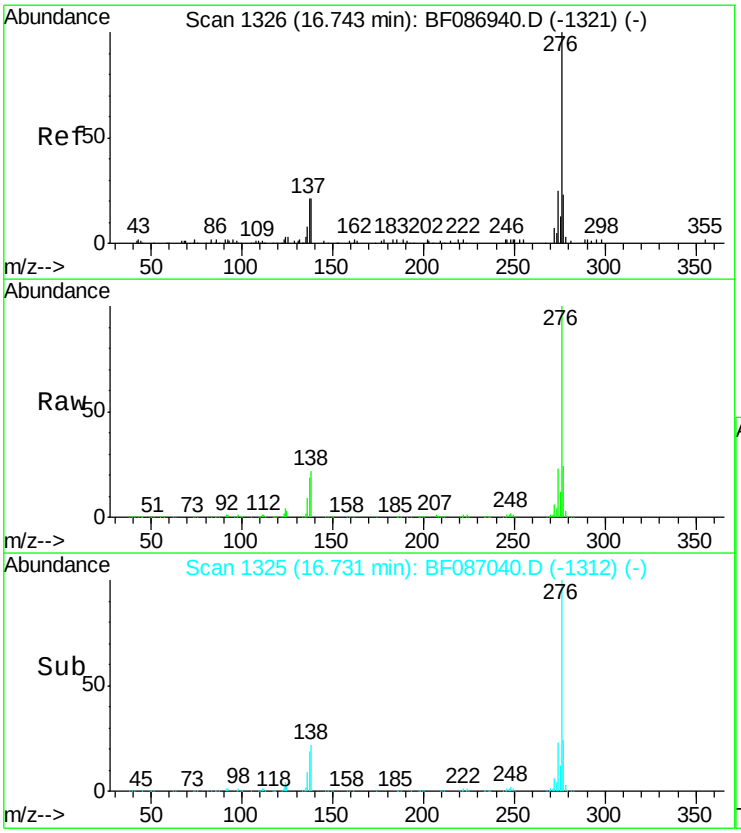
#90
Dibenzo(a,h)anthracene
Concen: 43.07 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.15 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion:278 Resp: 611200

Ion	Ratio	Lower	Upper
278	100		
139	19.1	16.6	24.8
279	23.8	19.6	29.4





#91
Benzo(g,h,i)perylene
Concen: 43.06 ng
RT: 16.73 min Scan# 1325
Delta R.T. -0.16 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:276 Resp: 620823

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.6	29.4
138	22.4	23.6	35.4#