Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089417.D
Acq On : 29 Jul 2016 19:04
Operator : UM/SJ
Sample : PB92476BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92476BS

Quant Time: Jul 29 23:31:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	40928	20.00	ng		-0.03
21) Naphthalene-d8	7.80	136	171155	20.00	ng		-0.02
38) Acenaphthene-d10	9.54	164	75007	20.00	ng		-0.03
63) Phenanthrene-d10	11.02	188	137822	20.00	ng		-0.03
75) Chrysene-d12	13.63	240	74320	20.00	ng		-0.03
86) Perylene-d12	14.97	264	80304	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	340581	132.87	ng		-0.01
7) Phenol-d6	6.18	99	438165	129.35	ng		-0.02
23) Nitrobenzene-d5	7.10	82	296187	102.15	ng		-0.02
41) 2,4,6-Tribromophenol	10.33	330	78259	125.98	ng		-0.03
44) 2-Fluorobiphenyl	8.88	172	504324	98.67	ng		-0.03
78) Terphenyl-d14	12.59	244	341621	107.58	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	46435	39.98	ng	#	92
3) Pyridine	2.58	79	111842	44.60	ng		98
4) n-Nitrosodimethylamine	2.56	42	50652	48.89	ng		99
6) Aniline	6.18	93	98653	26.97	ng	#	73
8) 2-Chlorophenol	6.31	128	139250	48.03	ng		97
9) Benzaldehyde	6.06	77	75262	45.50	ng		96
10) Phenol	6.19	94	178749	47.82	ng		93
11) bis(2-Chloroethyl)ether	6.26	93	139549	43.94	ng		90
12) 1,3-Dichlorobenzene	6.68	146	130711	43.10	ng		99
13) 1,4-Dichlorobenzene	6.54	146	150722	45.03	ng		95
14) 1,2-Dichlorobenzene	6.68	146	146341	46.67	ng		94
15) Benzyl Alcohol	6.67	79	113036	53.77	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.81	45	153441	44.29	ng		98
17) 2-Methylphenol	6.80	107	101656	45.36	ng		98
18) Hexachloroethane	7.03	117	57476	44.79	ng	#	84
19) n-Nitroso-di-n-propylamine	6.95	70	99816	48.87	ng	#	89
20) 3+4-Methylphenols	6.96	107	142492	49.51	ng		91
22) Acetophenone	6.94	105	181984	44.66	ng	#	96
24) Nitrobenzene	7.11	77	141017	42.73	ng		90
25) Isophorone	7.35	82	274116	46.93	ng		97
26) 2-Nitrophenol	7.43	139	71709	48.60	ng	#	89
27) 2,4-Dimethylphenol	7.48	122	121170	51.55	ng		98
28) bis(2-Chloroethoxy)methane	7.58	93	176692	54.65	ng		97
29) 2,4-Dichlorophenol	7.68	162	110857	51.76	ng		98
30) 1,2,4-Trichlorobenzene	7.75	180	118198	48.37	ng		97
31) Naphthalene	7.83	128	425306	50.18	ng		100
32) Benzoic acid	7.62	122	44934	27.43	ng		98
33) 4-Chloroaniline	7.90	127	35409	10.97	ng		95
34) Hexachlorobutadiene	7.95	225	63796	45.58	ng		98
35) Caprolactam	8.26	113	18255	28.24	ng		93
36) 4-Chloro-3-methylphenol	8.39	107	119909	47.10	ng		96
37) 2-Methylnaphthalene	8.51	142	253549	49.65	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	107109	40.81	ng		99
40) Hexachlorocyclopentadiene	8.67	237	64541	85.56	ng		97

Quantitation Report (Not Reviewed)

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Data File : BF089417.D
Acq On : 29 Jul 2016 19:04
Operator : UM/SJ
Sample : PB92476BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92476BS

Quant Time: Jul 29 23:31:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	66858	53.57	ng		96
43) 2,4,5-Trichlorophenol	8.84	196	74817	47.33	ng	#	81
45) 1,1'-Biphenyl	8.98	154	300139	47.00	ng		96
46) 2-Chloronaphthalene	9.00	162	247738	51.65	ng		93
47) 2-Nitroaniline	9.11	65	77022	54.23	ng	#	79
48) Acenaphthylene	9.40	152	373808	49.48	ng		100
49) Dimethylphthalate	9.29	163	277586	48.63	ng		98
50) 2,6-Dinitrotoluene	9.36	165	59839	51.02	ng	#	78
51) Acenaphthene	9.58	154	214653	48.66	ng		99
52) 3-Nitroaniline	9.52	138	24024	19.41	ng	#	77
53) 2,4-Dinitrophenol	9.64	184	23316	52.95	ng		88
54) Dibenzofuran	9.75	168	324752	54.02	ng		94
55) 4-Nitrophenol	9.75	139	197937	309.15	ng	#	11
56) 2,4-Dinitrotoluene	9.76	165	83736	54.23	ng	#	77
57) Fluorene	10.09	166	253761	48.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	56381	53.42	ng		96
59) Diethylphthalate	9.99	149	302013	52.19	ng		98
60) 4-Chlorophenyl-phenylether	10.09	204	122330	50.82	ng	#	87
61) 4-Nitroaniline	10.14	138	52238	40.94	ng		89
62) Azobenzene	10.25	77	333704	55.99	ng		90
64) 4,6-Dinitro-2-methylphenol	10.17	198	23563	30.10	ng		93
65) n-Nitrosodiphenylamine	10.22	169	235847	54.84	ng		99
66) 4-Bromophenyl-phenylether	10.57	248	67211	51.08	ng	#	71
67) Hexachlorobenzene	10.64	284	69070	51.22	ng	#	76
68) Atrazine	10.74	200	62729	47.48	ng		94
69) Pentachlorophenol	10.83	266	49978	76.76	ng		98
70) Phenanthrene	11.04	178	335446	47.19	ng		100
71) Anthracene	11.10	178	386858	48.95	ng		100
72) Carbazole	11.26	167	310671	46.70	ng		99
73) Di-n-butylphthalate	11.60	149	458692	51.39	ng		99
74) Fluoranthene	12.22	202	307894	41.18	ng		96
76) Benzidine	12.35	184	62947	22.92	ng		97
77) Pyrene	12.44	202	302791	53.76	ng		99
79) Butylbenzylphthalate	13.07	149	134022	52.34	ng		88
80) Benzo(a)anthracene	13.62	228	205062	48.89	ng		99
81) 3,3'-Dichlorobenzidine	13.60	252	43852	29.05	ng		98
82) Chrysene	13.66	228	209365	46.90	ng		100
83) Bis(2-ethylhexyl)phthalate	13.65	149	189734	51.25	ng	#	95
84) Di-n-octyl phthalate	14.25	149	288794	50.00	ng		99
85) Indeno(1,2,3-cd)pyrene	16.16	276	251578	79.26	ng		99
87) Benzo(b)fluoranthene	14.62	252	446050	89.44	ng		98
88) Benzo(k)fluoranthene	14.62	252	446559	97.40	ng		98
89) Benzo(a)pyrene	14.91	252	219267	49.01	ng		100
90) Dibenzo(a,h)anthracene	16.16	278	212502	60.30	ng		99
91) Benzo(g,h,i)perylene	16.50	276	204736	59.10	ng		97

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089417.D
Acq On : 29 Jul 2016 19:04
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Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Time: Jul 29 23:31:42 2016
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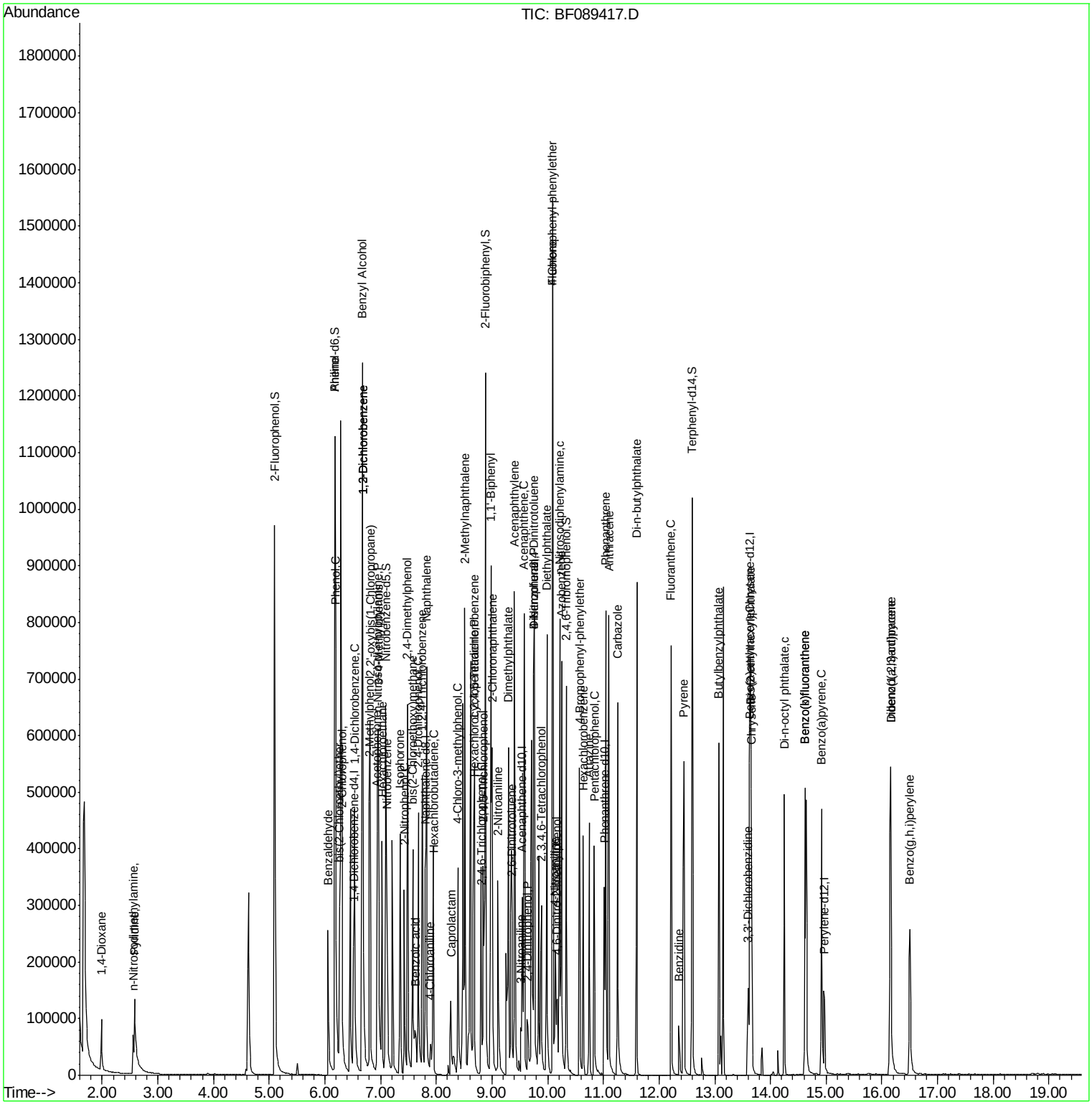
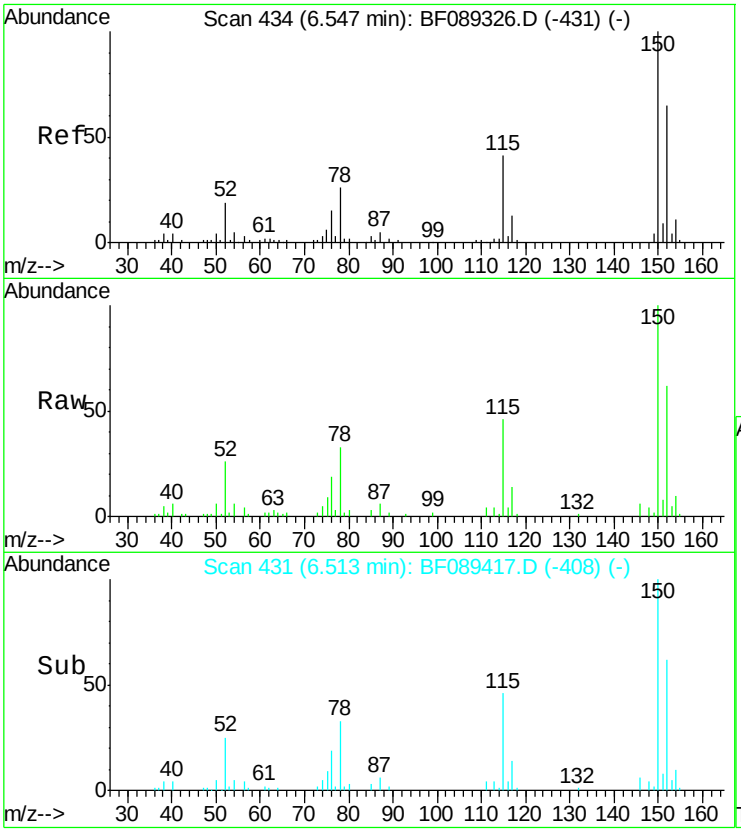
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration



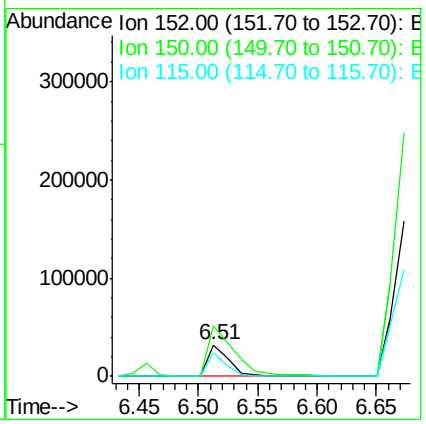


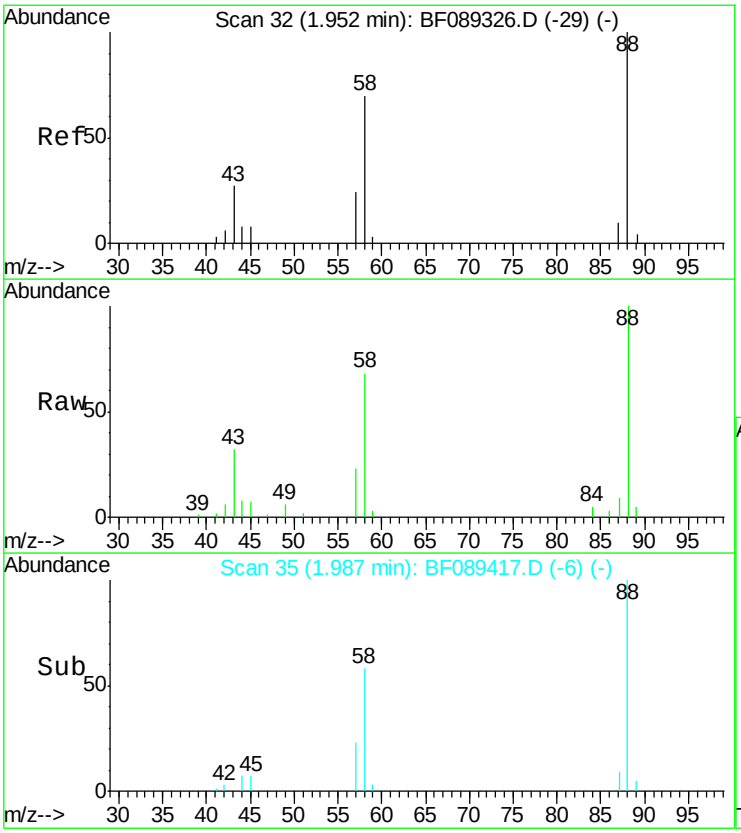
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:152 Resp: 40928

Ion	Ratio	Lower	Upper
152	100		
150	161.2	129.5	194.3
115	74.8	51.4	77.2

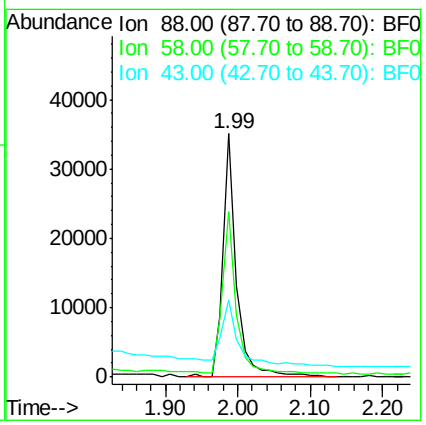


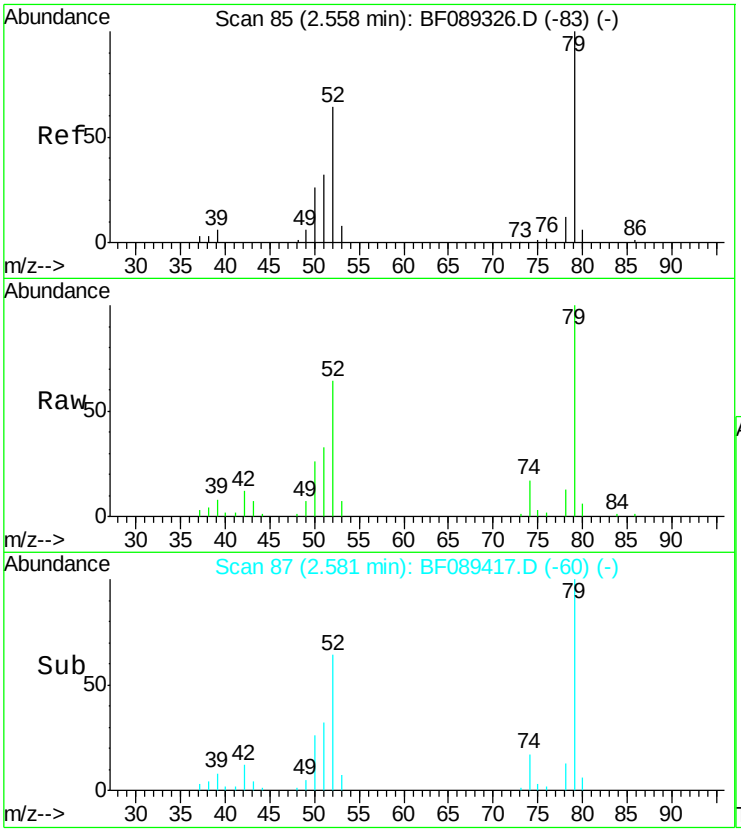


#2
1,4-Dioxane
Concen: 39.98 ng
RT: 1.99 min Scan# 35
Delta R.T. 0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion: 88 Resp: 46435

Ion	Ratio	Lower	Upper
88	100		
58	68.1	53.2	79.8
43	37.1	20.6	31.0#



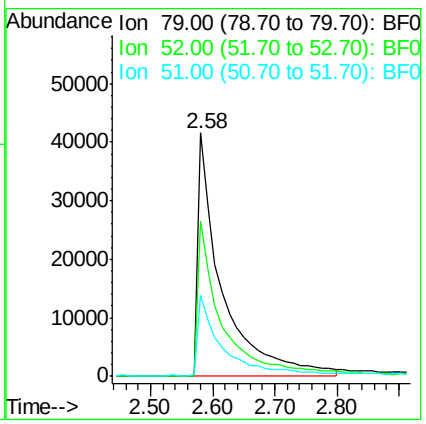


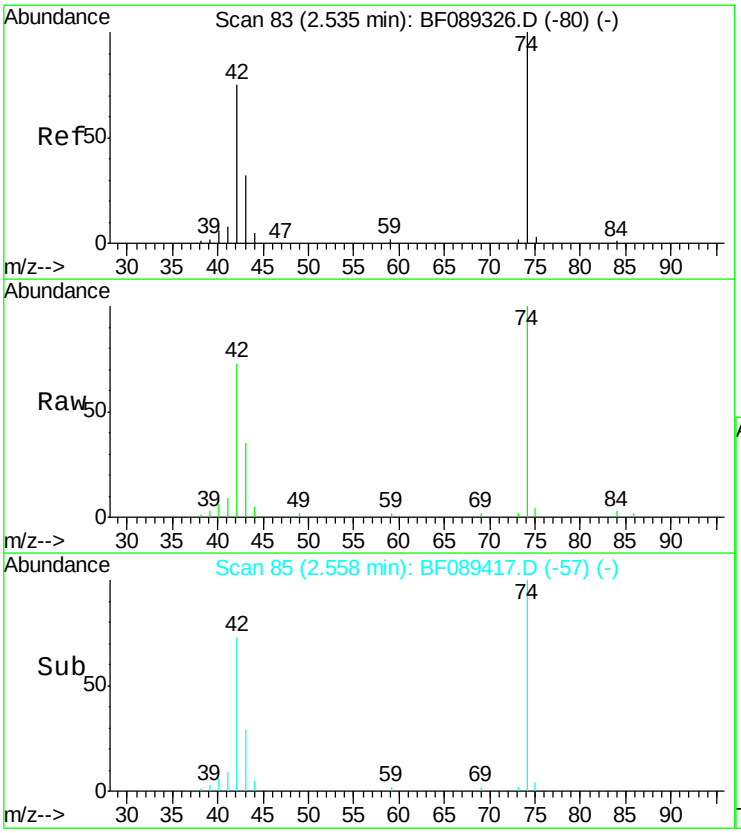
#3
Pyridine
Concen: 44.60 ng
RT: 2.58 min Scan# 87
Delta R.T. 0.01 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion: 79 Resp: 111842

Ion	Ratio	Lower	Upper
79	100		
52	63.8	51.9	77.9
51	33.1	28.2	42.4

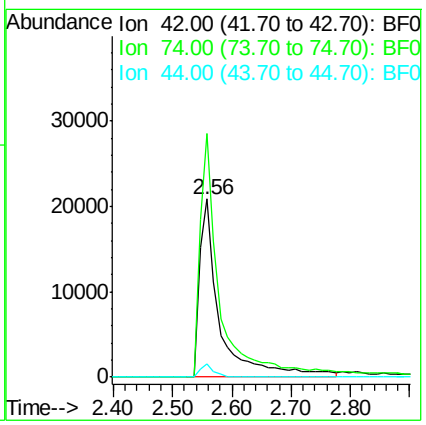


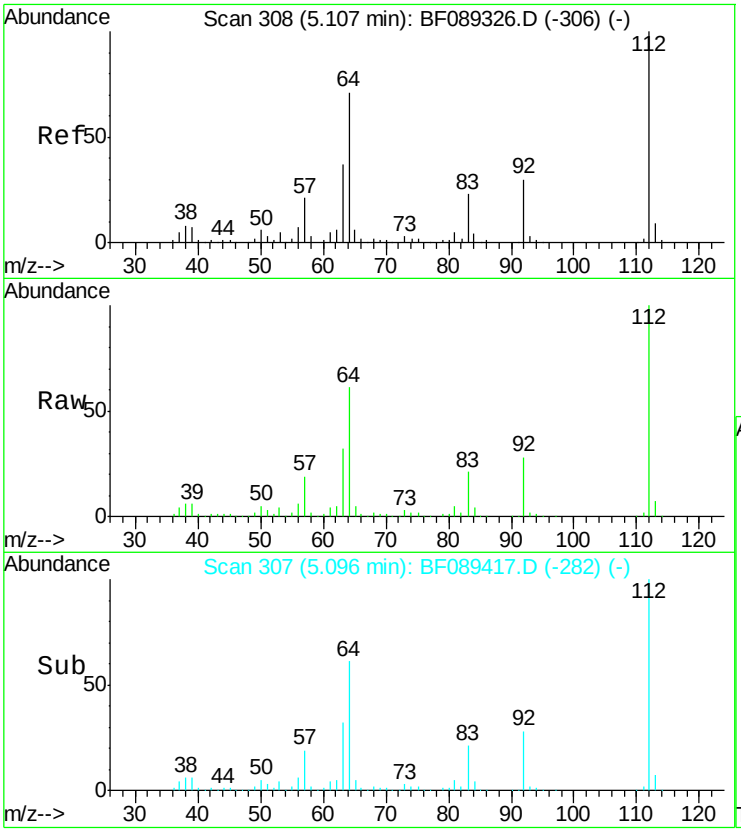


#4
n-Nitrosodimethylamine
Concen: 48.89 ng
RT: 2.56 min Scan# 85
Delta R.T. 0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion: 42 Resp: 50652

Ion	Ratio	Lower	Upper
42	100		
74	136.9	110.8	166.2
44	7.2	5.2	7.8



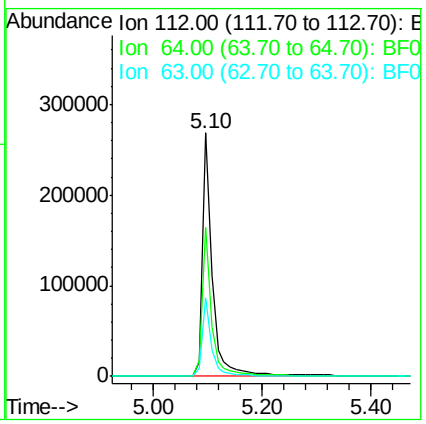


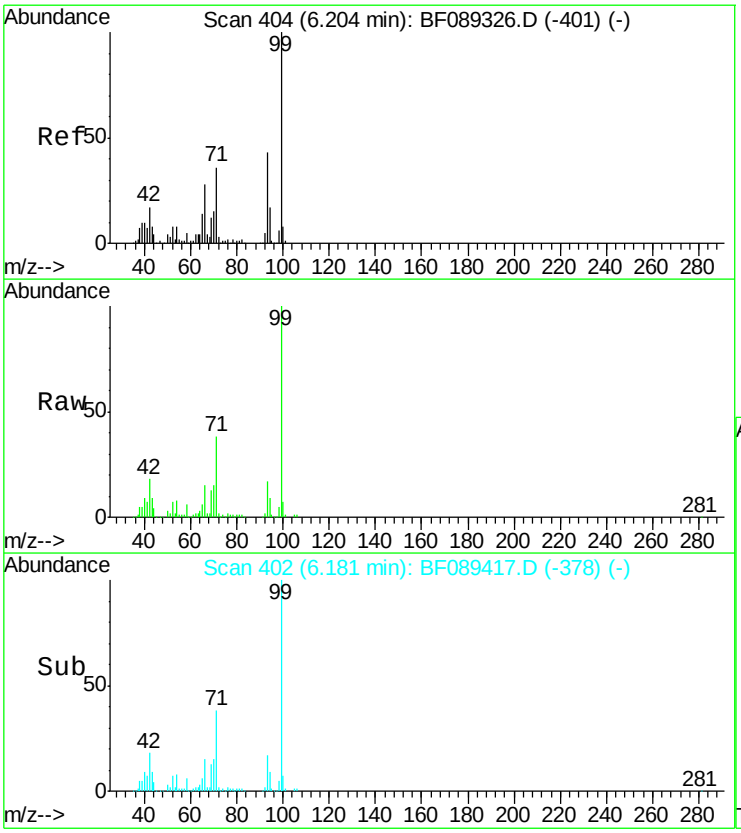
#5
2-Fluorophenol
Concen: 132.87 ng
RT: 5.10 min Scan# 307
Delta R.T. -0.01 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:112 Resp: 340581

Ion	Ratio	Lower	Upper
112	100		
64	60.9	55.0	82.6
63	32.4	29.4	44.2

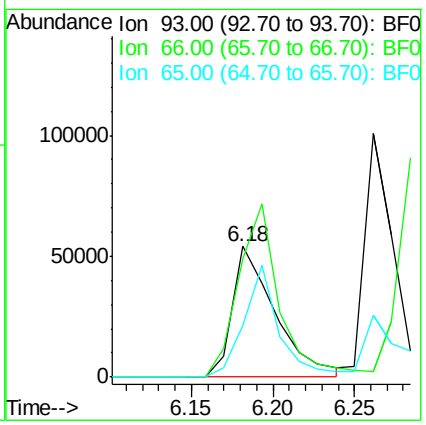


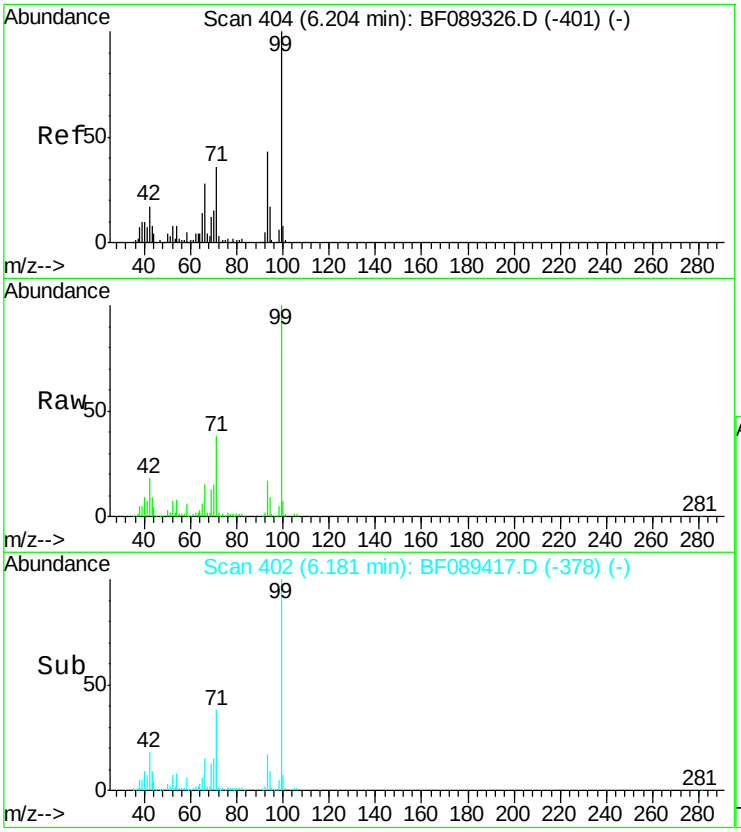


#6
Aniline
Concen: 26.97 ng
RT: 6.18 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion: 93 Resp: 98653

Ion	Ratio	Lower	Upper
93	100		
66	90.8	51.6	77.4#
65	39.1	24.7	37.1#



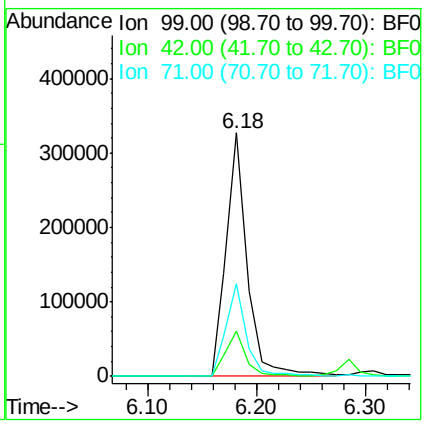


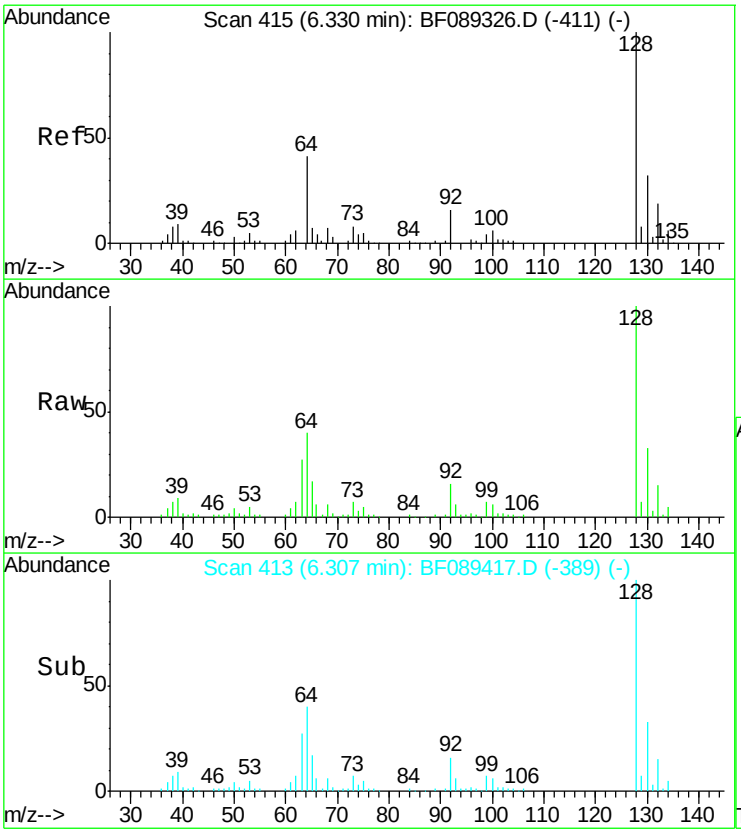
#7
Phenol-d6
Concen: 129.35 ng
RT: 6.18 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion: 99 Resp: 438165

Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.6	20.4
71	38.0	29.4	44.2

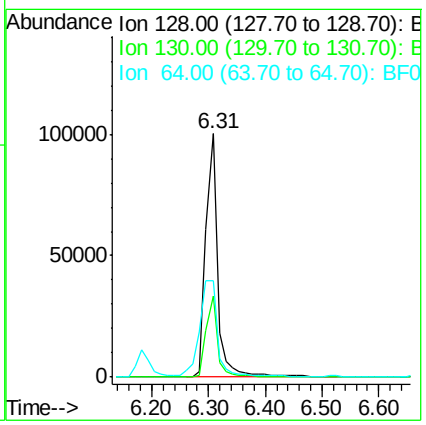


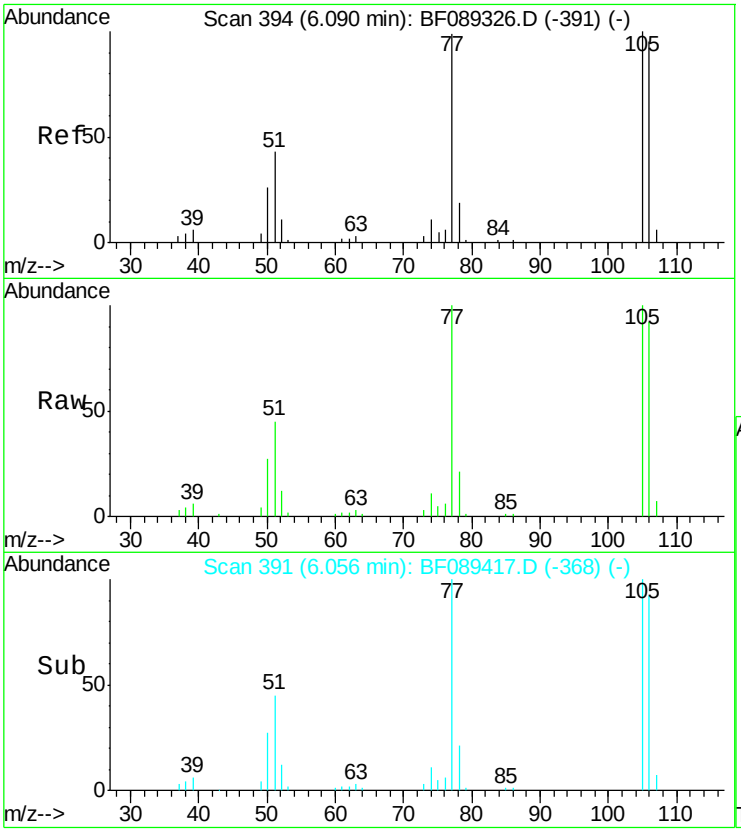


#8
2-Chlorophenol
Concen: 48.03 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:128 Resp: 139250

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.6	52.6
64	39.8	22.1	62.1



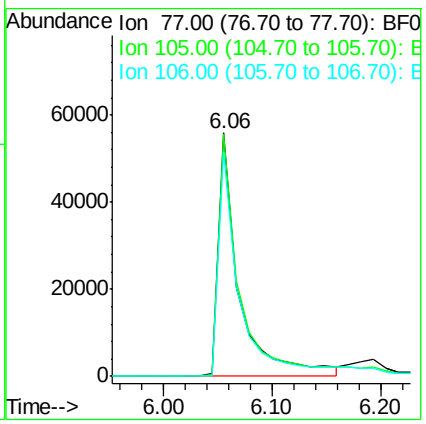


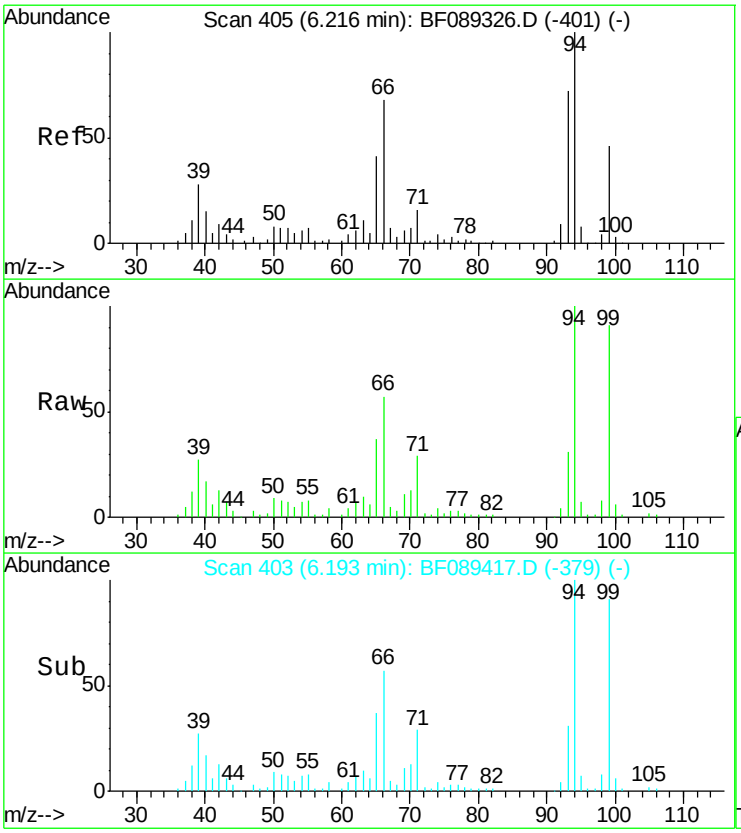
#9
Benzaldehyde
Concen: 45.50 ng
RT: 6.06 min Scan# 391
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion: 77 Resp: 75262

Ion	Ratio	Lower	Upper
77	100		
105	99.5	82.9	122.9
106	92.2	75.9	115.9

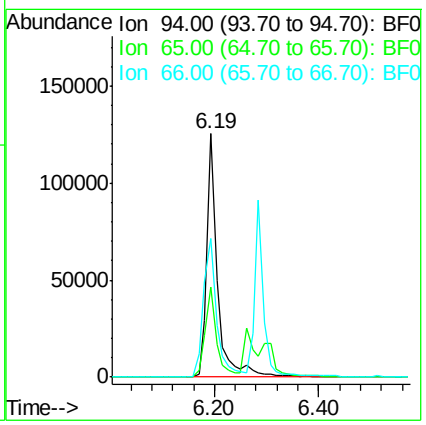


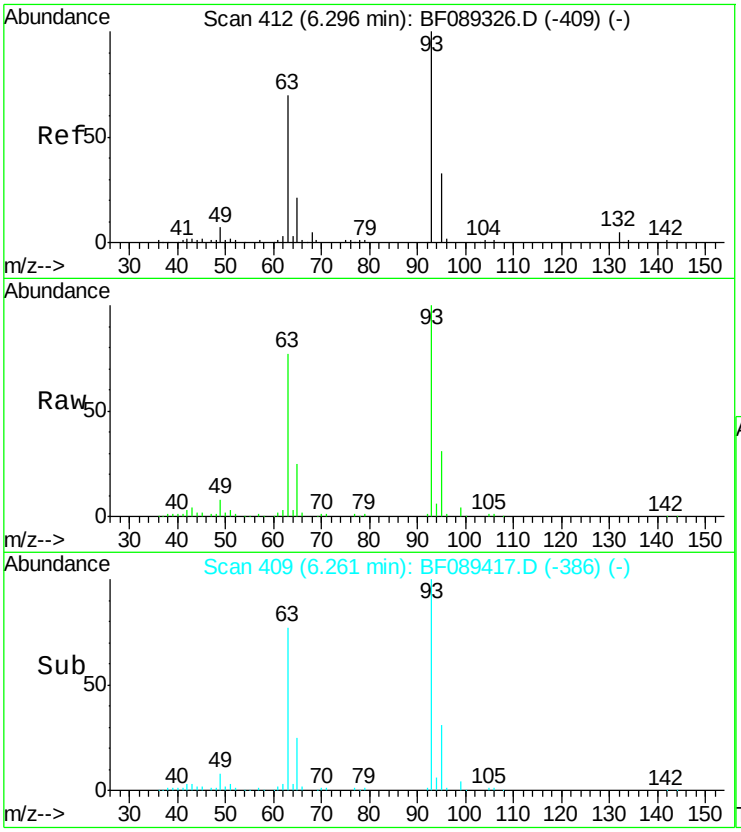


#10
Phenol
Concen: 47.82 ng
RT: 6.19 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion: 94 Resp: 178749

Ion	Ratio	Lower	Upper
94	100		
65	36.8	19.1	59.1
66	57.2	44.4	84.4



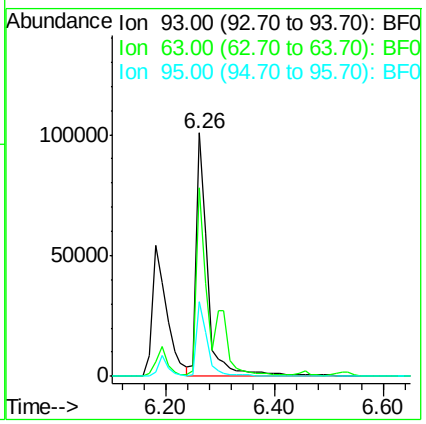


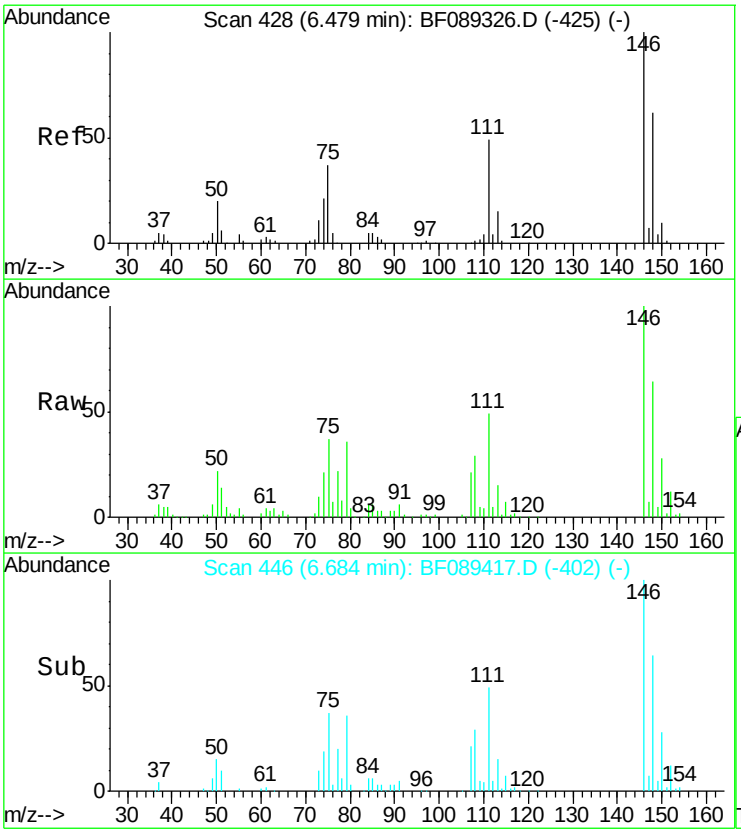
#11
bis(2-Chloroethyl)ether
Concen: 43.94 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion: 93 Resp: 139549

Ion	Ratio	Lower	Upper
93	100		
63	77.4	45.6	85.6
95	30.8	11.1	51.1

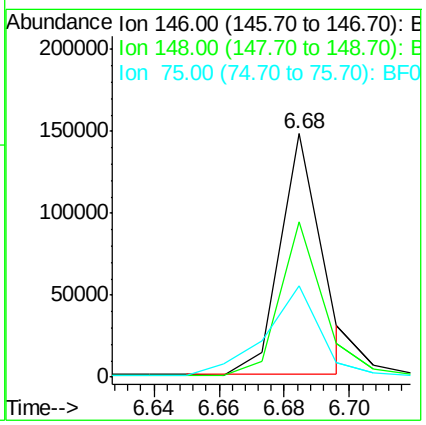


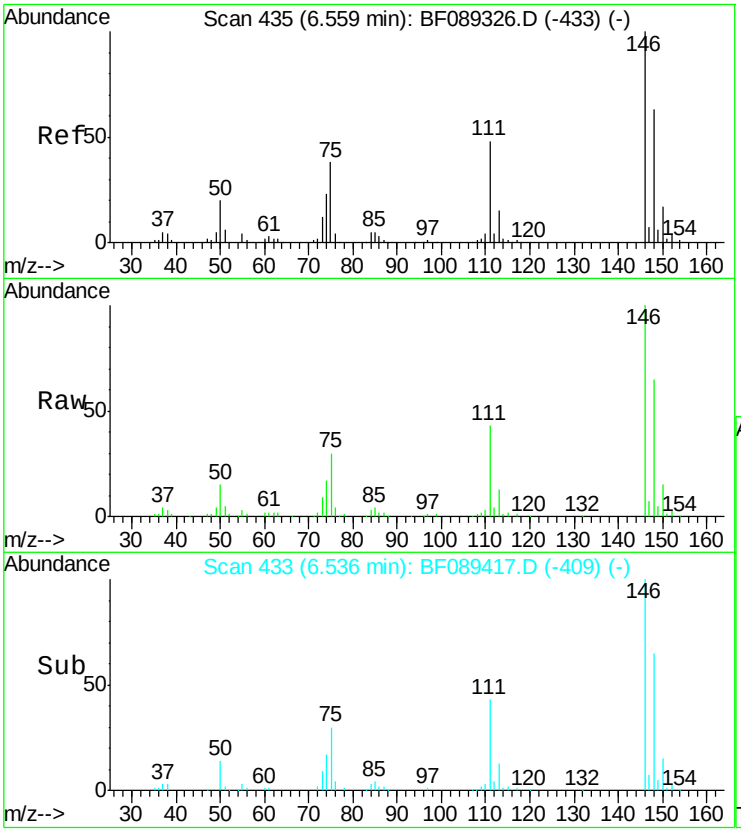


#12
1,3-Dichlorobenzene
Concen: 43.10 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.21 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:146 Resp: 130711

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.5	75.7
75	37.4	30.0	45.0



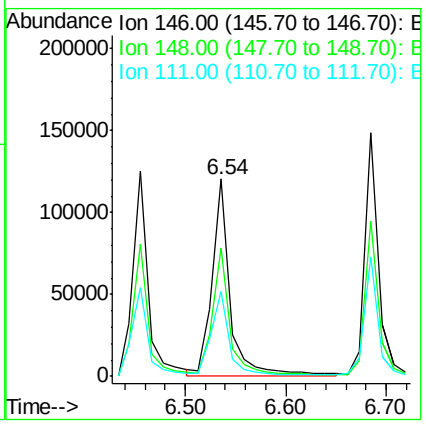


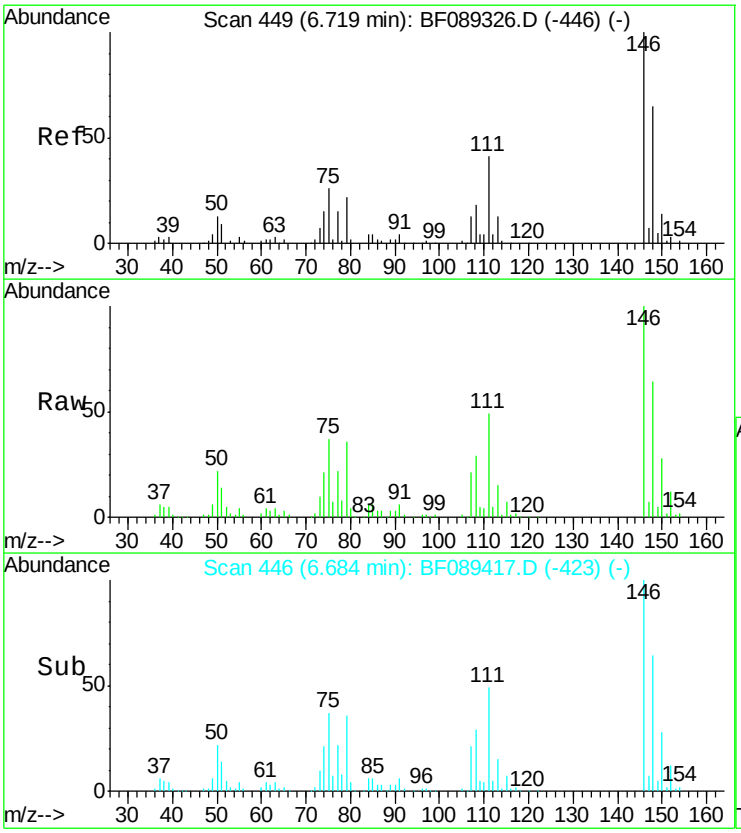
#13
1,4-Dichlorobenzene
Concen: 45.03 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:146 Resp: 150722

Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.8	76.2
111	42.8	38.6	57.8

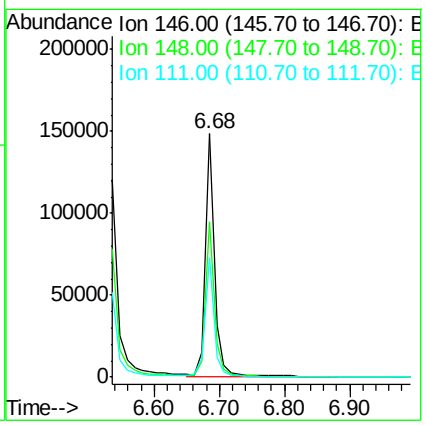


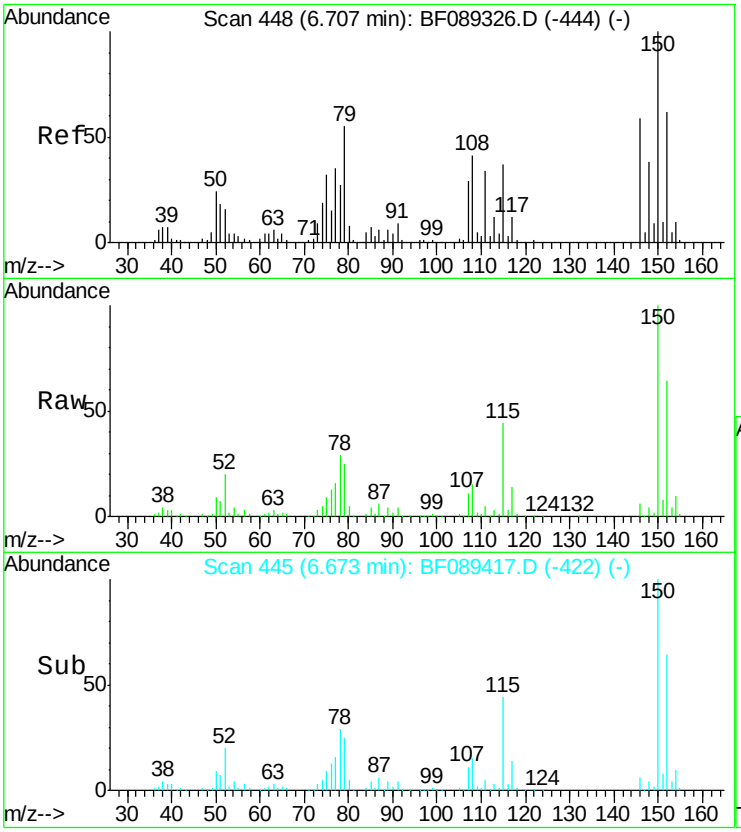


#14
1,2-Dichlorobenzene
Concen: 46.67 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:146 Resp: 146341

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	49.3	33.0	49.4



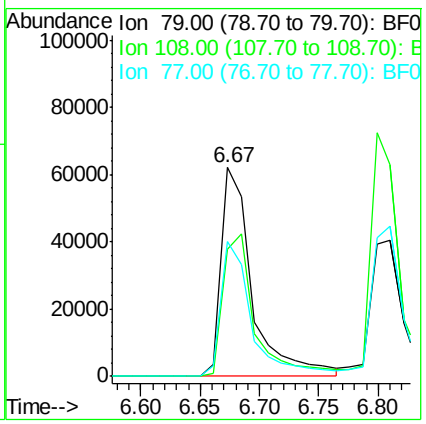


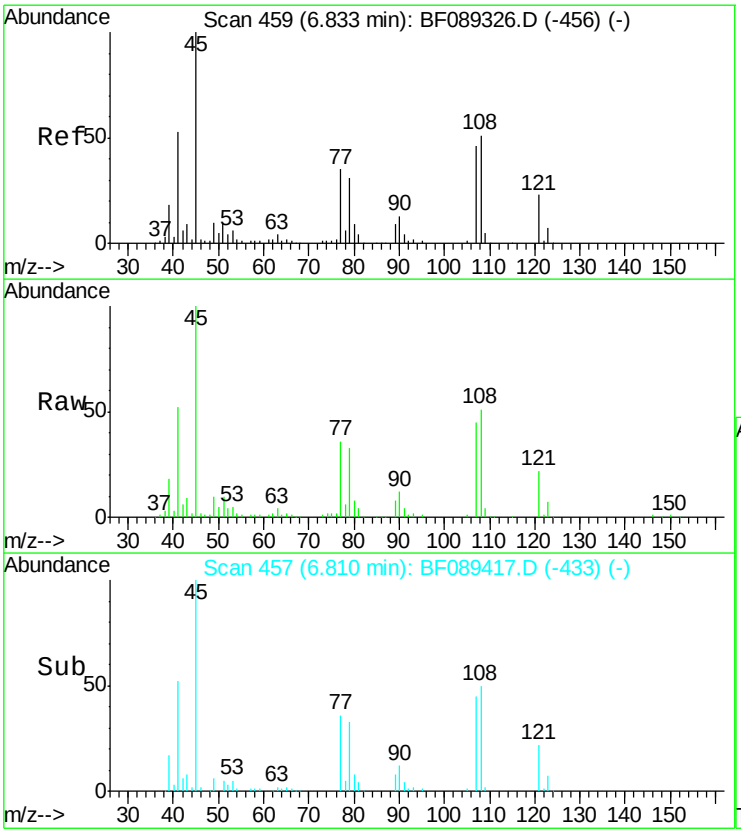
#15
Benzyl Alcohol
Concen: 53.77 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion: 79 Resp: 113036

Ion	Ratio	Lower	Upper
79	100		
108	61.2	59.8	89.6
77	64.6	51.7	77.5

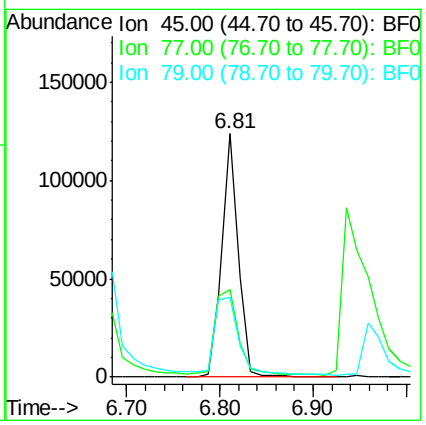


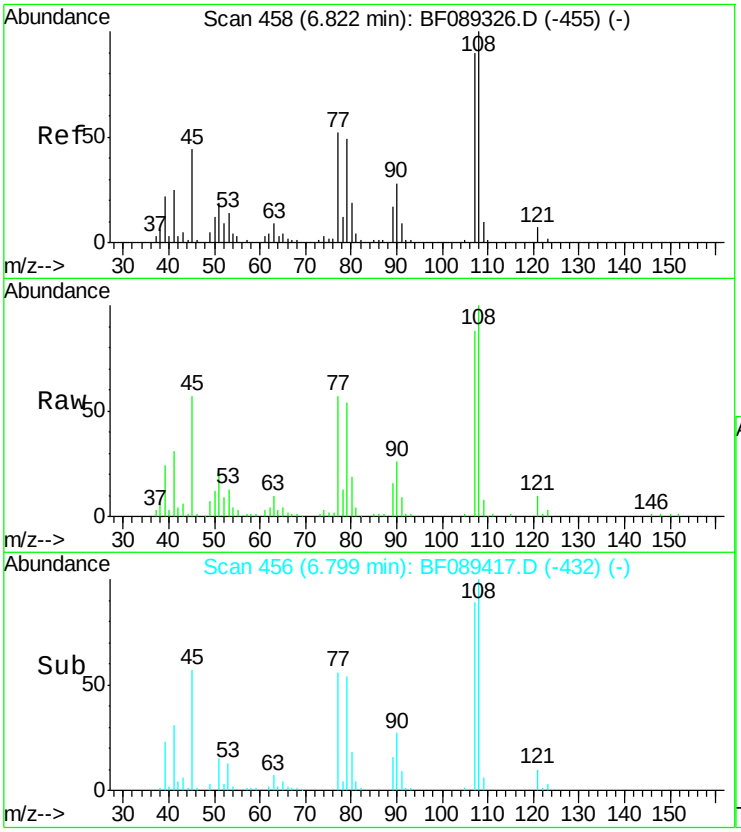


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.29 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion: 45 Resp: 153441

Ion	Ratio	Lower	Upper
45	100		
77	36.2	17.3	57.3
79	32.7	13.9	53.9



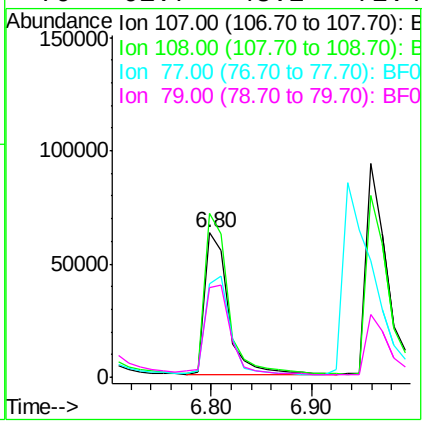


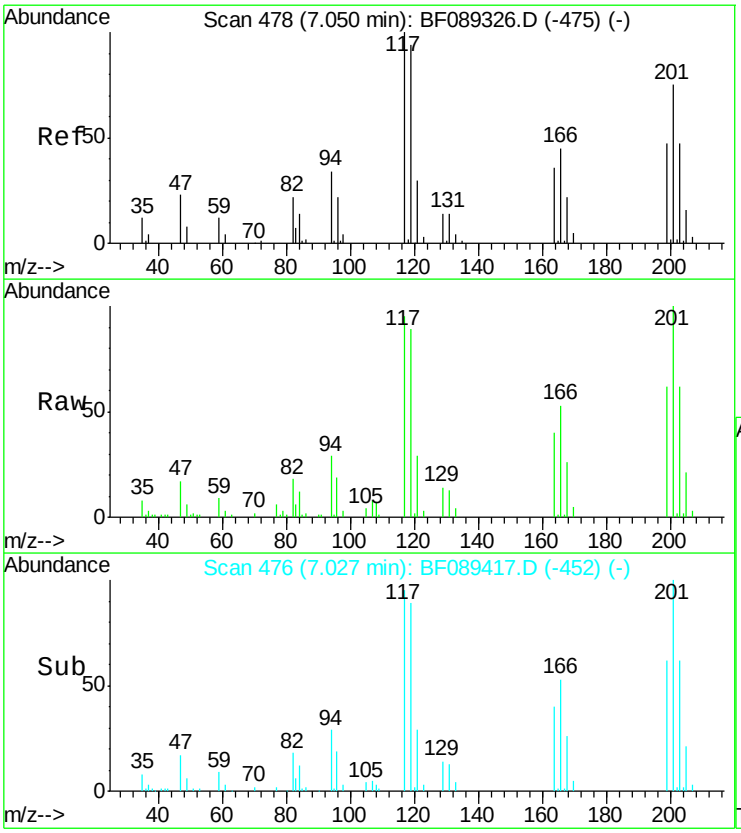
#17
2-Methylphenol
Concen: 45.36 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:107 Resp: 101656

Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.4	137.0
77	64.7	48.6	73.0
79	61.7	48.2	72.4

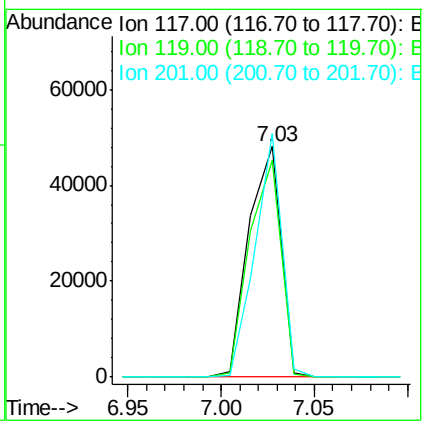


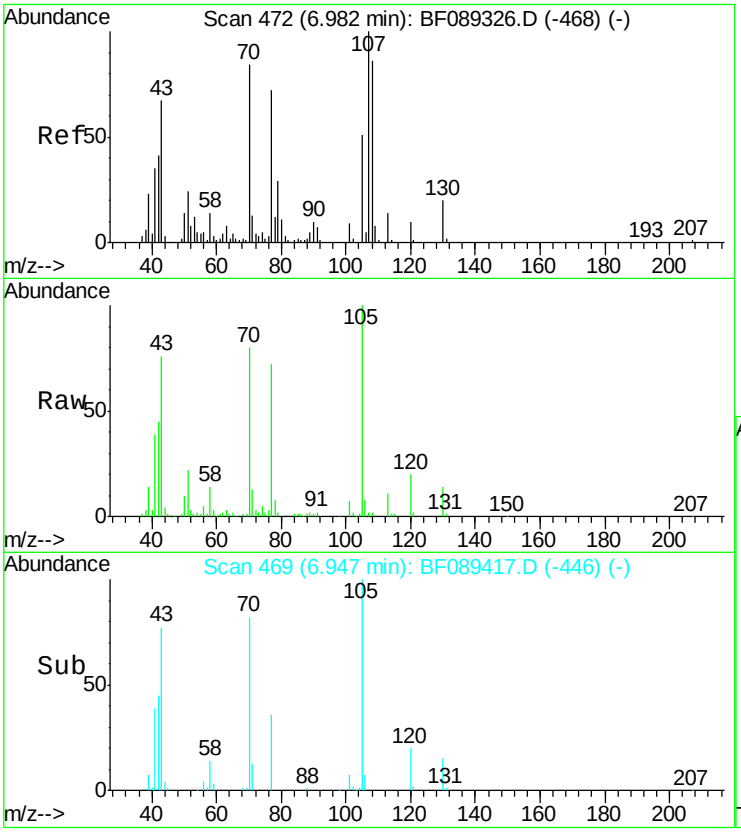


#18
Hexachloroethane
Concen: 44.79 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:117 Resp: 57476

Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.0	114.0
201	105.6	60.0	90.0#



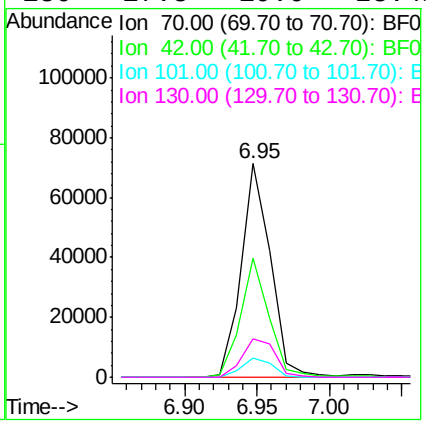


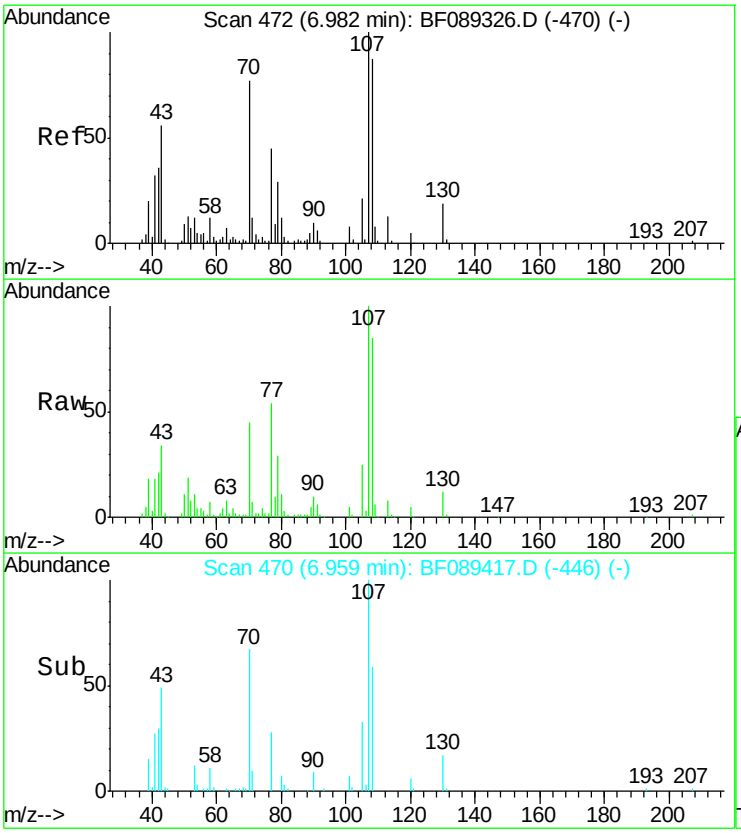
#19
n-Nitroso-di-n-propylamine
Concen: 48.87 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion: 70 Resp: 99816

Ion	Ratio	Lower	Upper
70	100		
42	56.0	38.6	57.8
101	9.1	8.3	12.5
130	17.8	19.0	28.4#

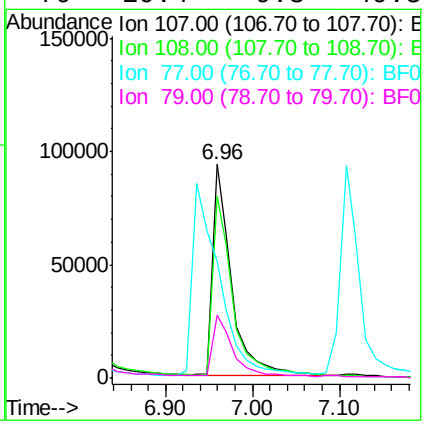


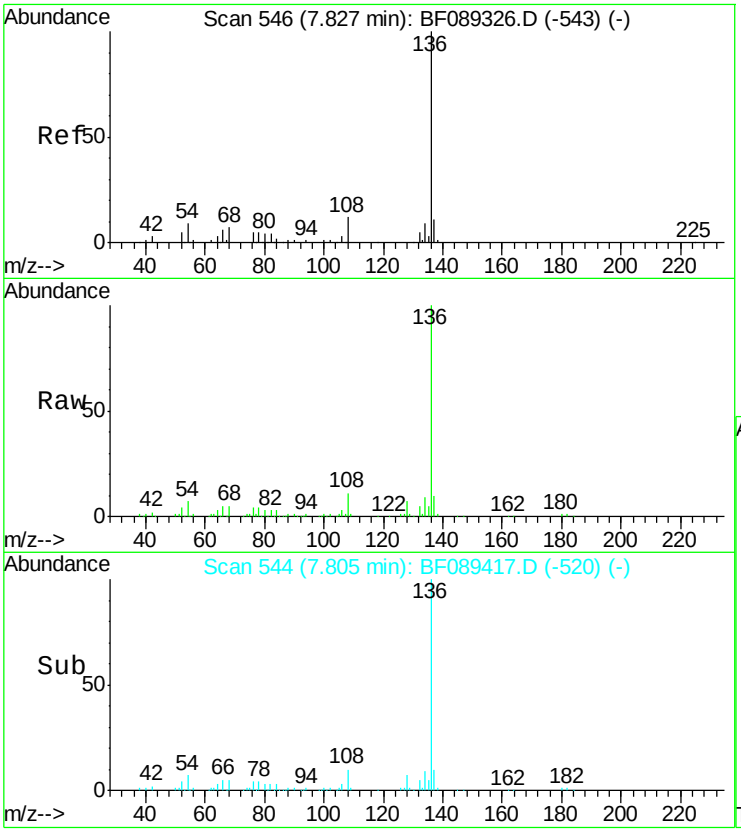


#20
3+4-Methylphenols
Concen: 49.51 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:107 Resp: 142492

Ion	Ratio	Lower	Upper
107	100		
108	85.0	63.3	103.3
77	54.3	51.1	91.1
79	29.4	9.3	49.3



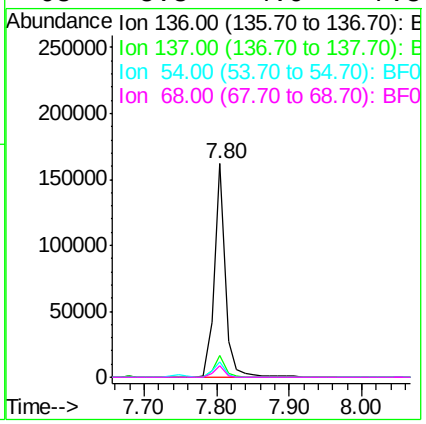


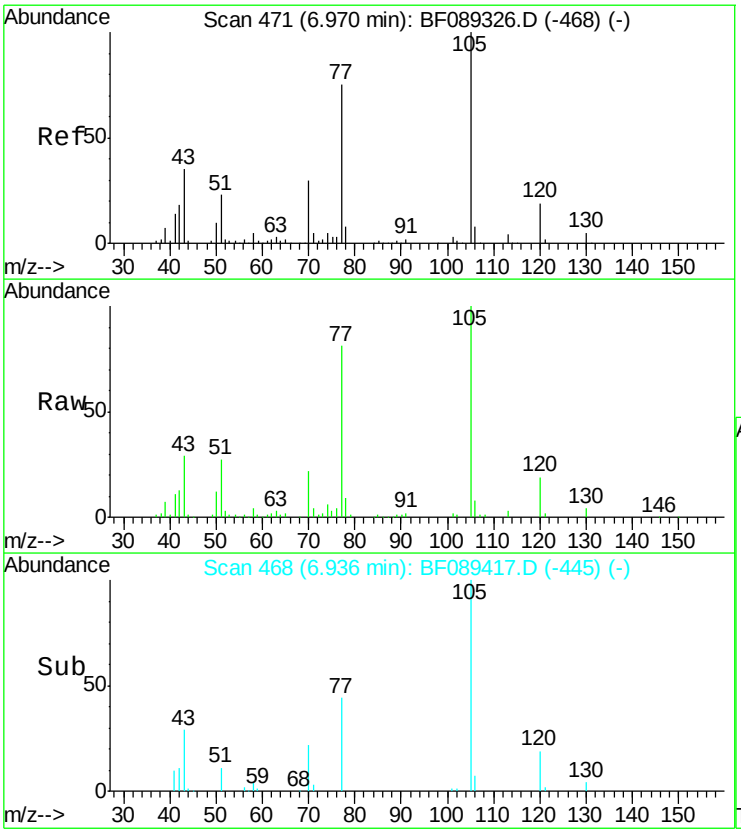
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:136 Resp: 171155

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.0	7.0	10.4
68	5.3	4.9	7.3

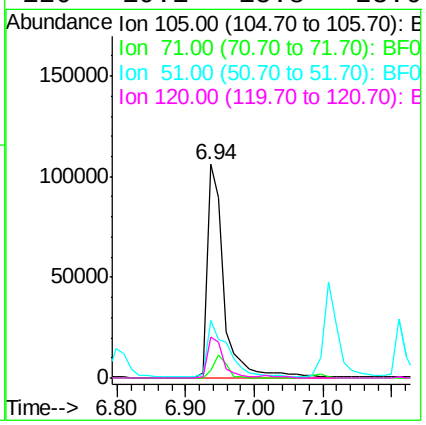


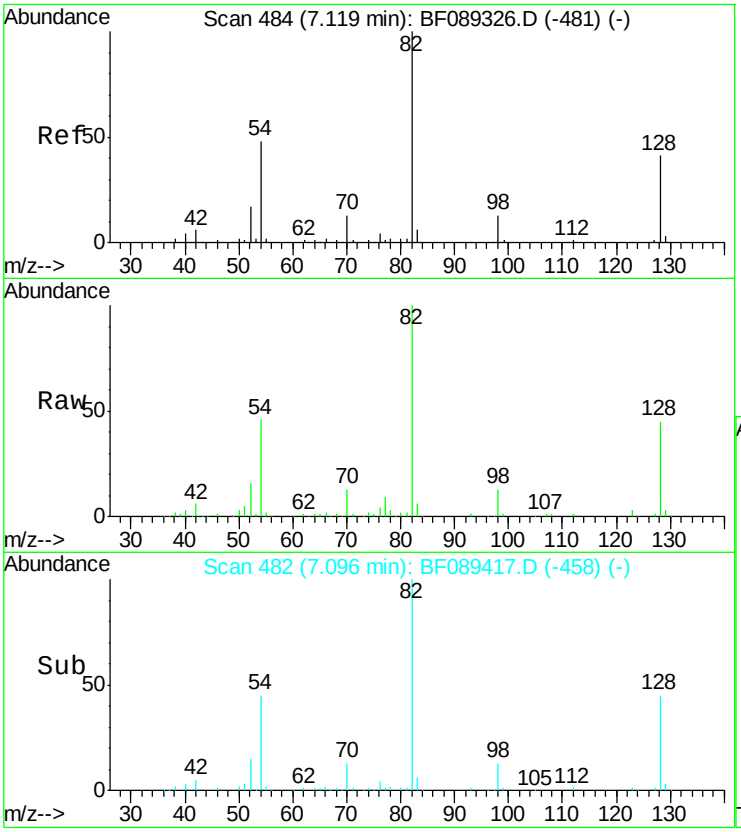


#22
Acetophenone
Concen: 44.66 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:105 Resp: 181984

Ion	Ratio	Lower	Upper
105	100		
71	3.8	4.2	6.2#
51	26.8	18.7	28.1
120	19.1	15.8	23.6



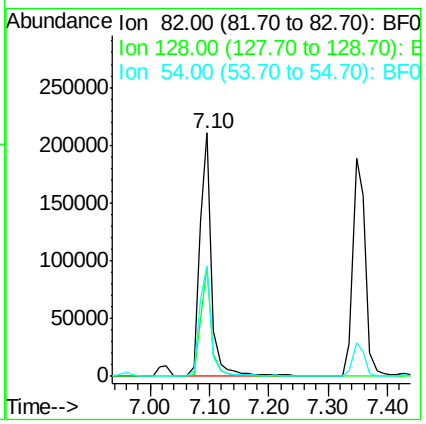


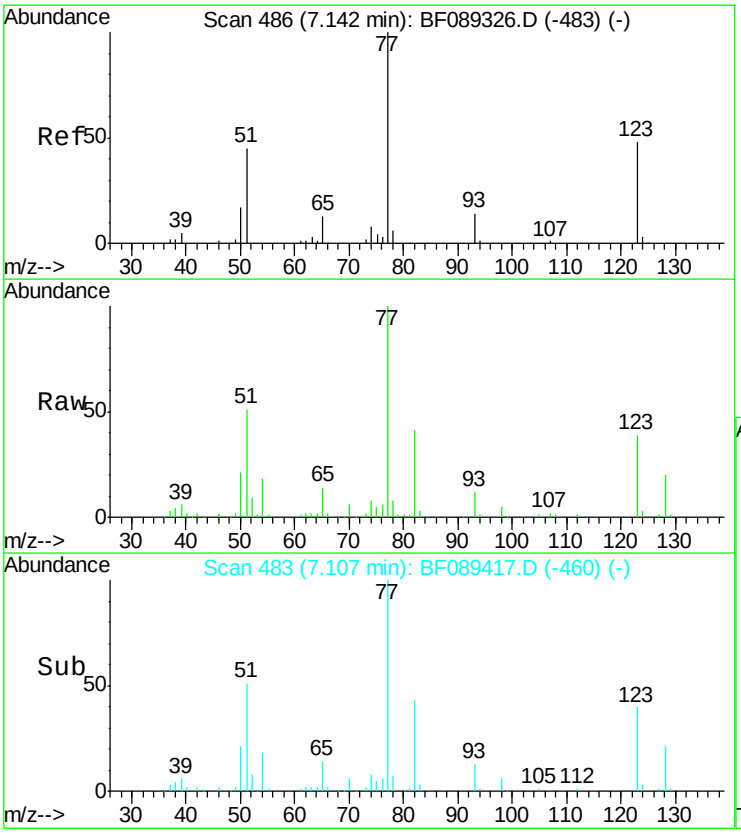
#23
Nitrobenzene-d5
Concen: 102.15 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion: 82 Resp: 296187

Ion	Ratio	Lower	Upper
82	100		
128	44.7	32.5	48.7
54	45.6	38.8	58.2

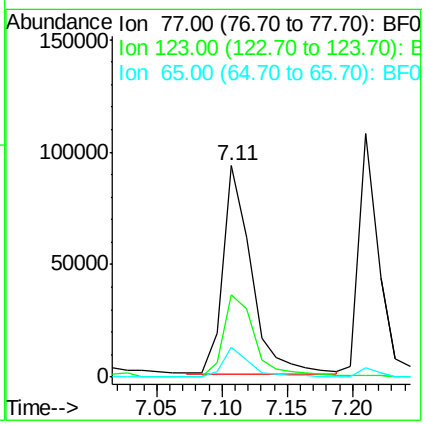


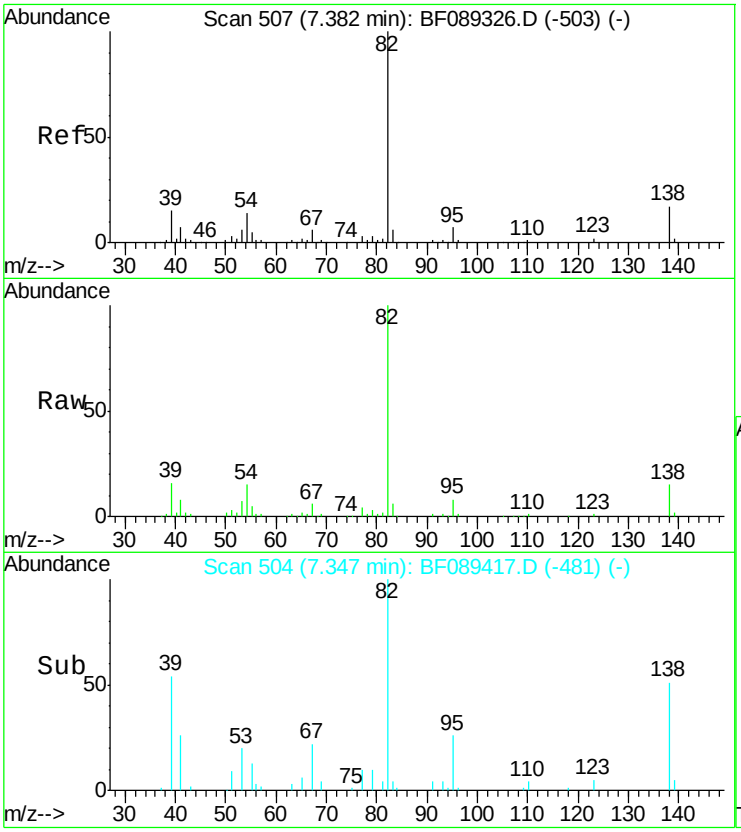


#24
Nitrobenzene
Concen: 42.73 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion: 77 Resp: 141017

Ion	Ratio	Lower	Upper
77	100		
123	38.9	37.2	55.8
65	14.0	10.2	15.4



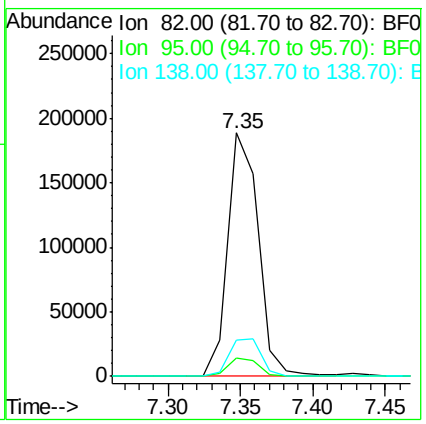


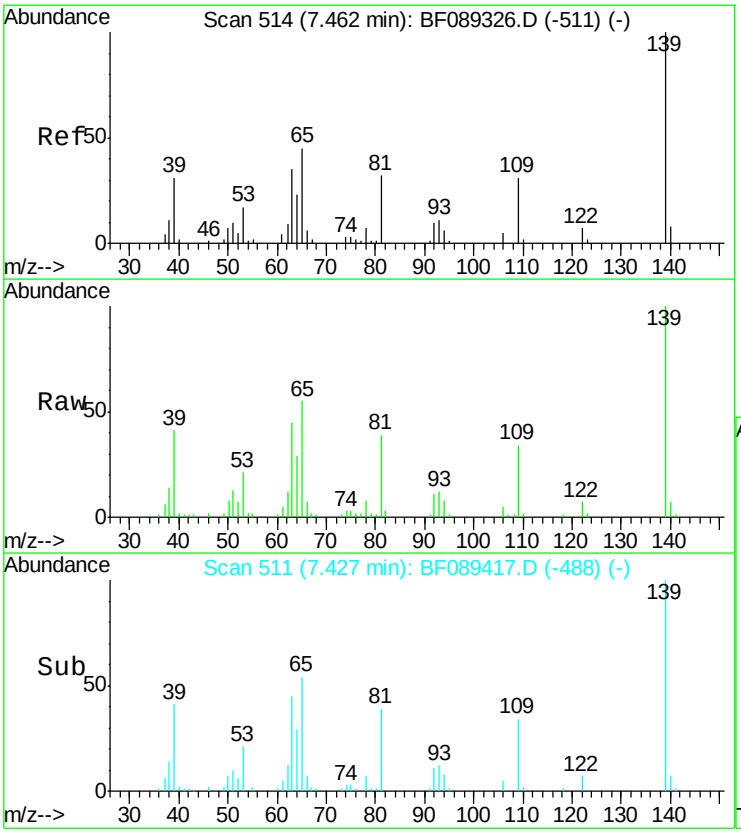
#25
Isophorone
Concen: 46.93 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion: 82 Resp: 274116

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.0	9.0
138	14.7	13.3	19.9

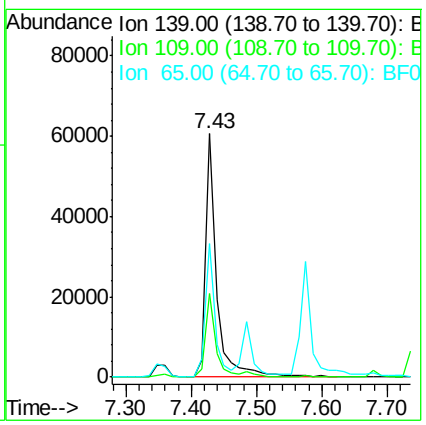


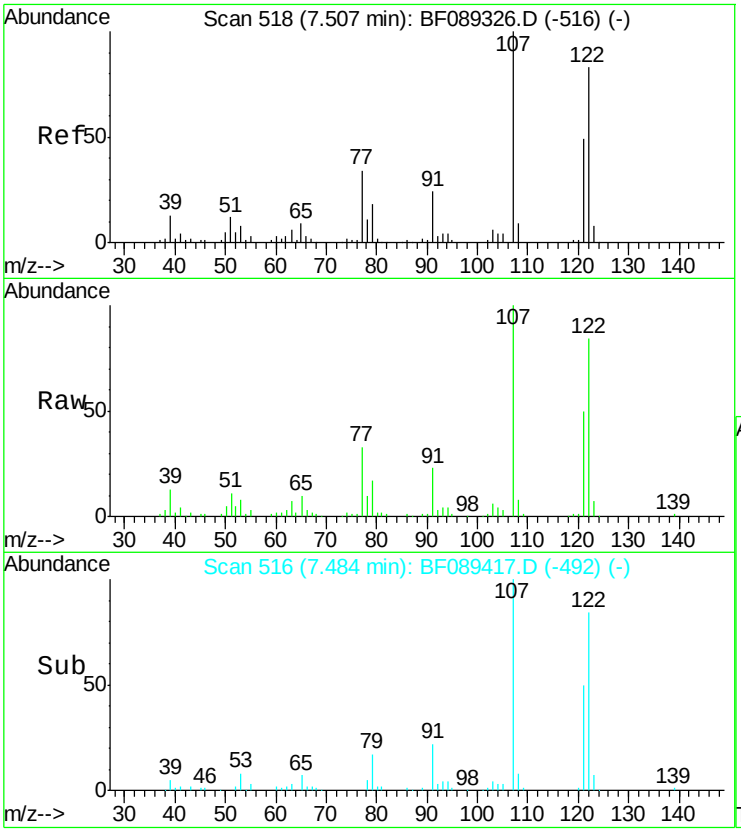


#26
2-Nitrophenol
Concen: 48.60 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:139 Resp: 71709

Ion	Ratio	Lower	Upper
139	100		
109	34.2	25.8	38.8
65	54.8	35.2	52.8#



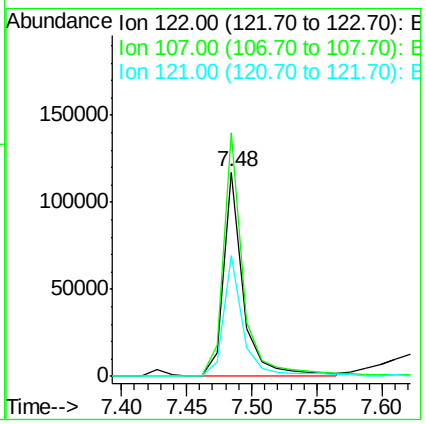


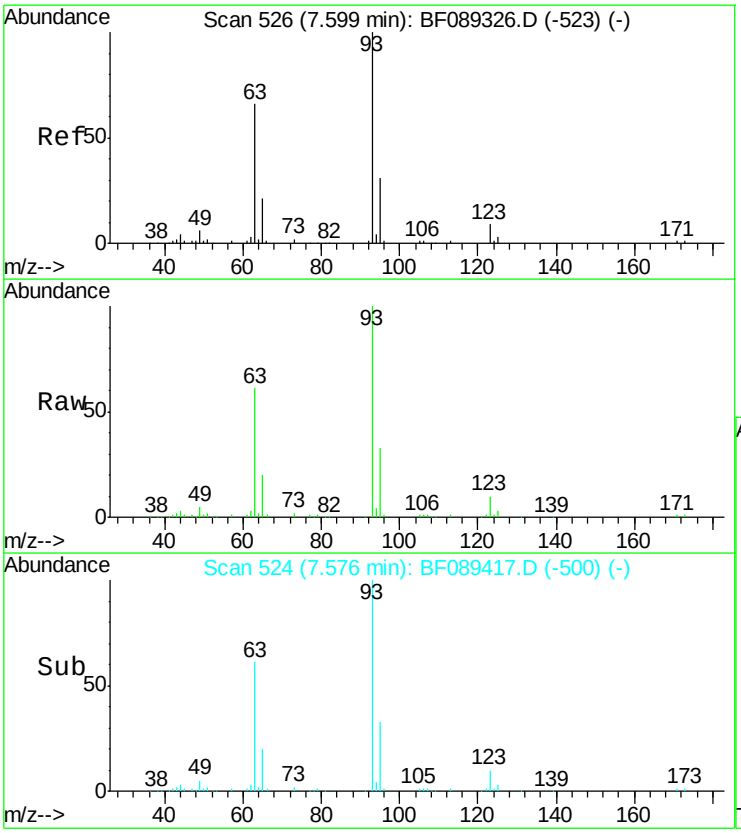
#27
2,4-Dimethylphenol
Concen: 51.55 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:122 Resp: 121170

Ion	Ratio	Lower	Upper
122	100		
107	119.1	97.2	145.8
121	59.1	48.8	73.2

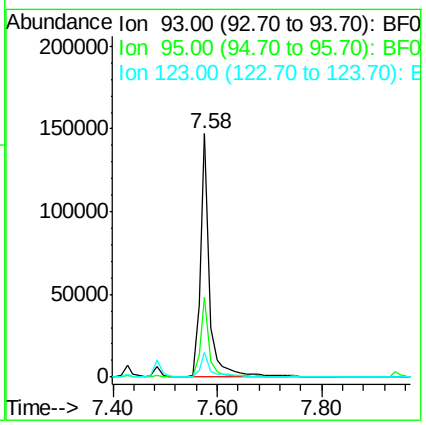


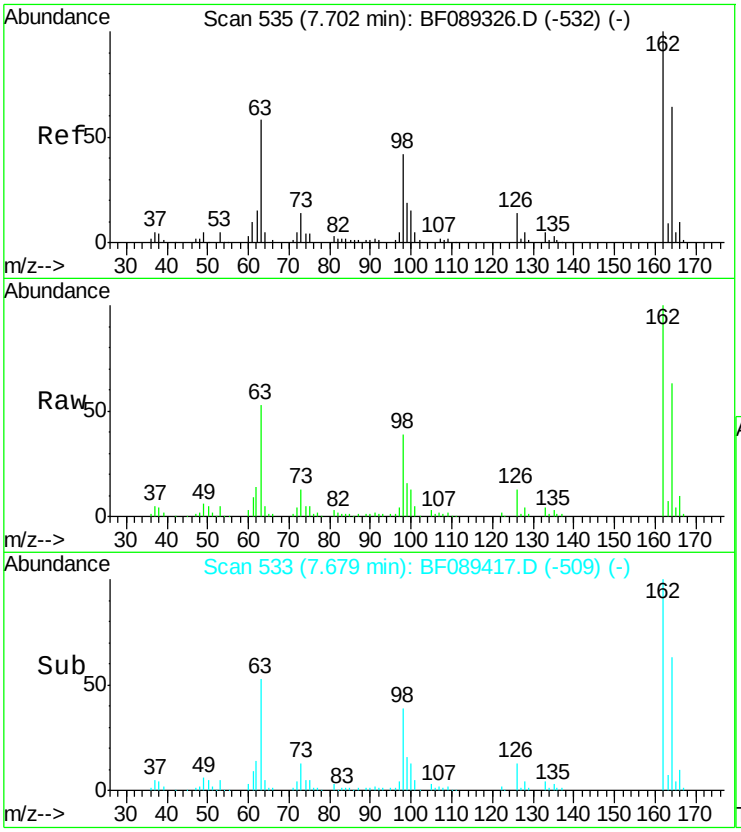


#28
bis(2-Chloroethoxy)methane
Concen: 54.65 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion: 93 Resp: 176692

Ion	Ratio	Lower	Upper
93	100		
95	32.7	24.7	37.1
123	10.4	7.5	11.3



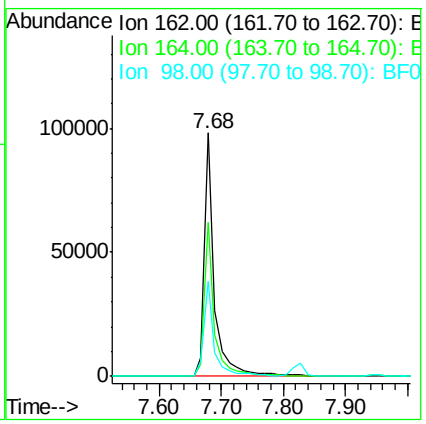


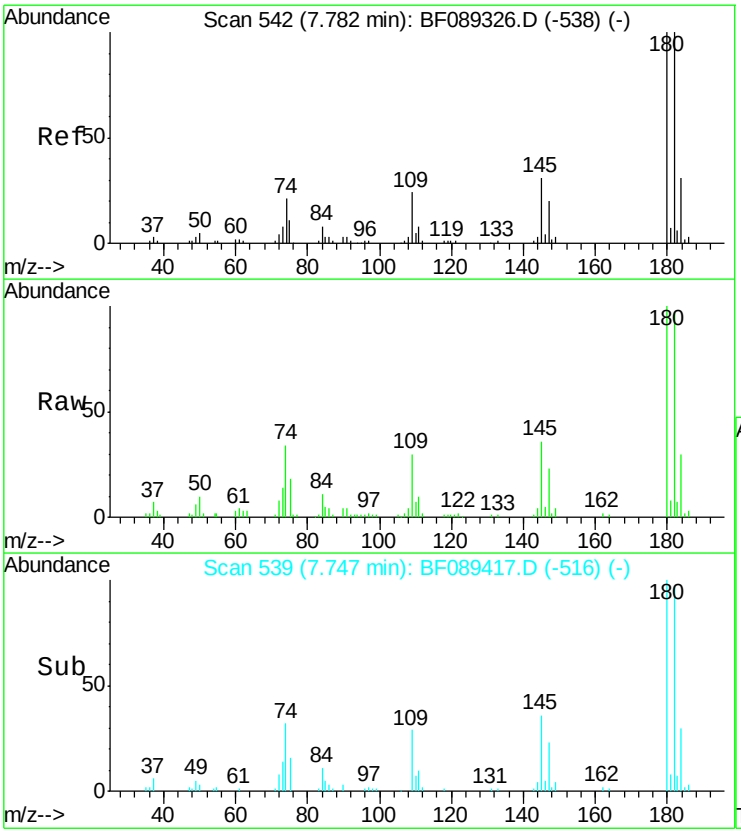
#29
2,4-Dichlorophenol
Concen: 51.76 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:162 Resp: 110857

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.0	84.0
98	39.0	21.8	61.8

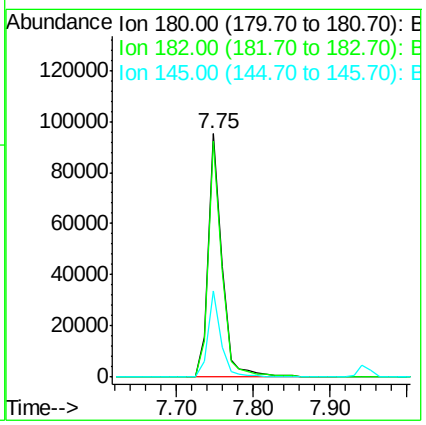


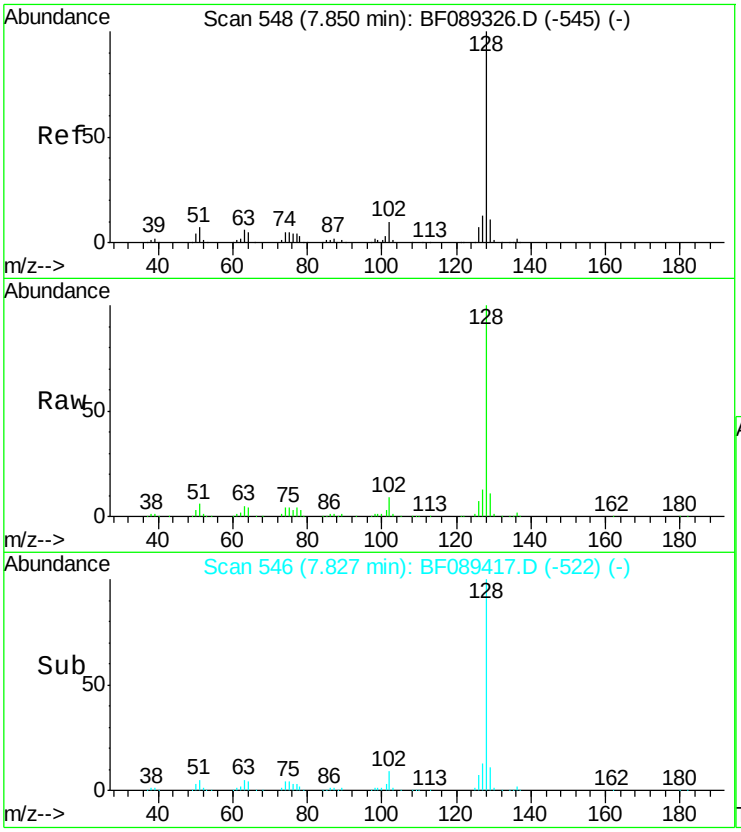


#30
1,2,4-Trichlorobenzene
Concen: 48.37 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:180 Resp: 118198

Ion	Ratio	Lower	Upper
180	100		
182	97.0	78.2	117.2
145	35.6	24.6	36.8



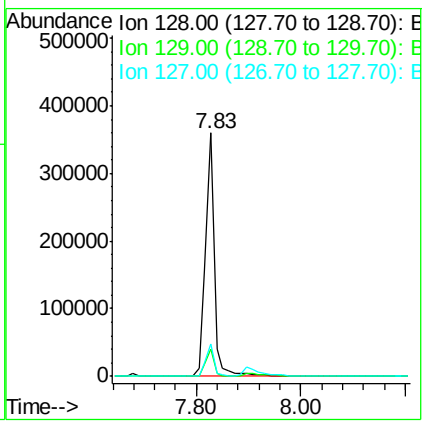


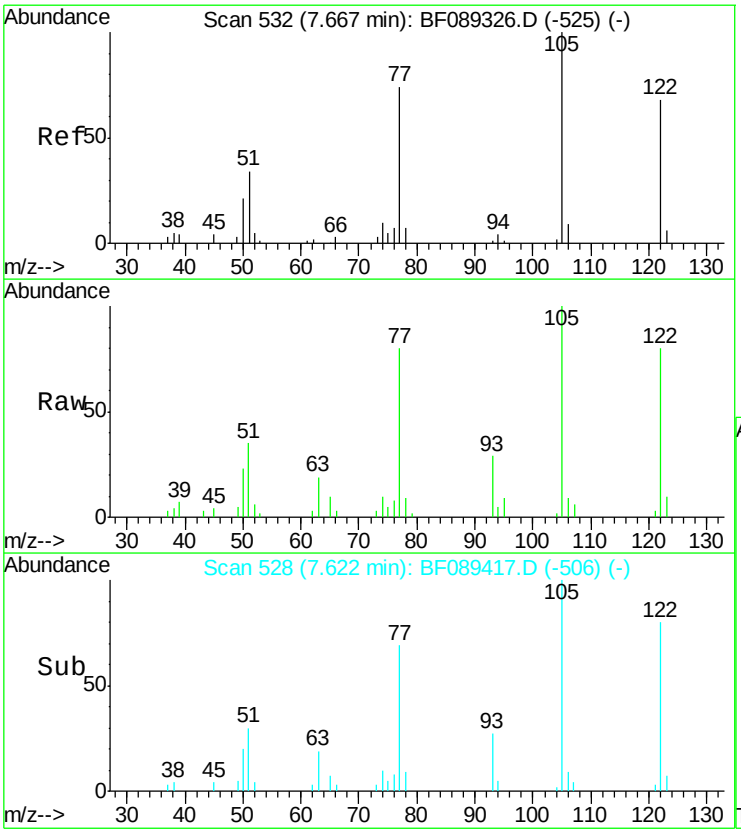
#31
Naphthalene
Concen: 50.18 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:128 Resp: 425306

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.5	10.8	16.2

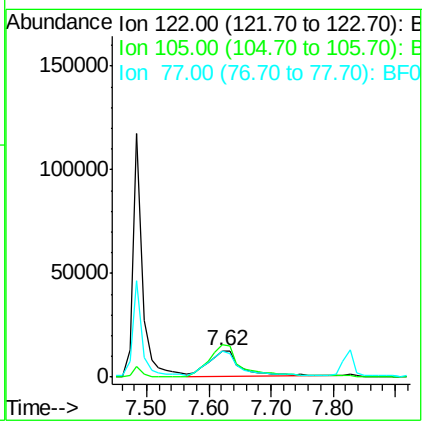


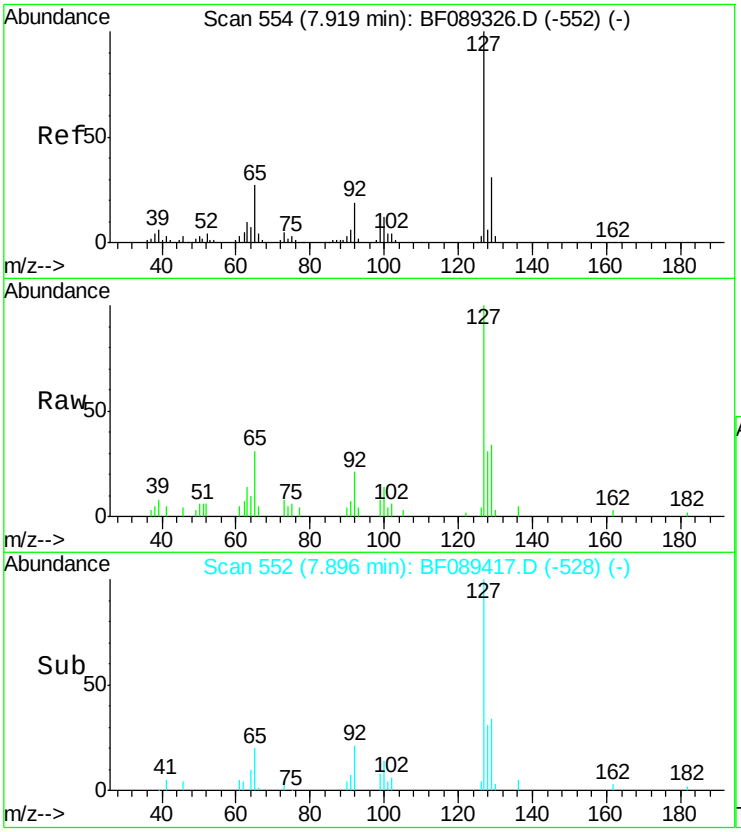


#32
Benzoic acid
Concen: 27.43 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:122 Resp: 44934

Ion	Ratio	Lower	Upper
122	100		
105	125.6	106.4	146.4
77	99.9	76.4	116.4



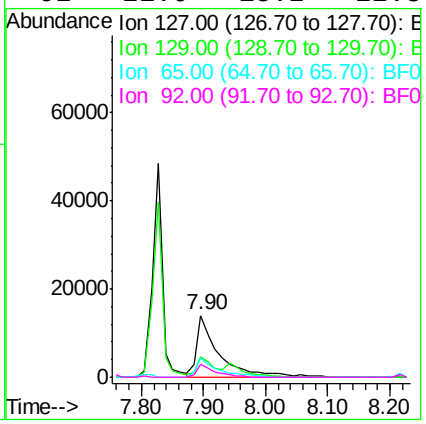


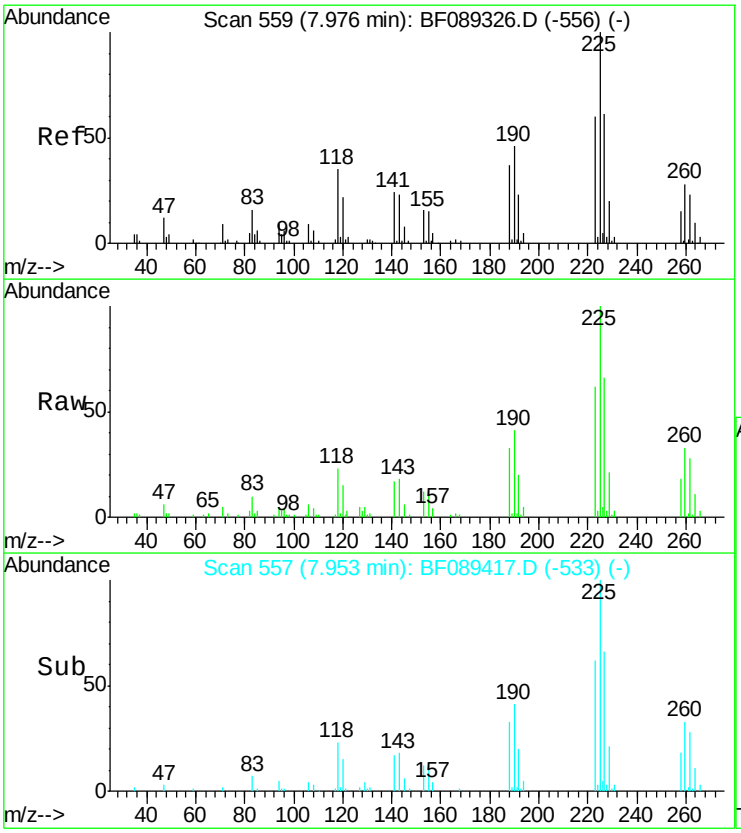
#33
4-Chloroaniline
Concen: 10.97 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:127 Resp: 35409

Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.1	39.1
65	31.3	22.0	33.0
92	21.0	15.2	22.8

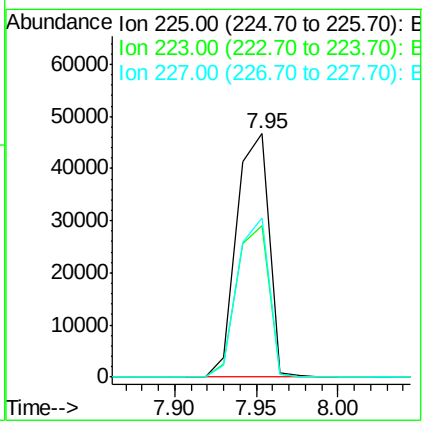


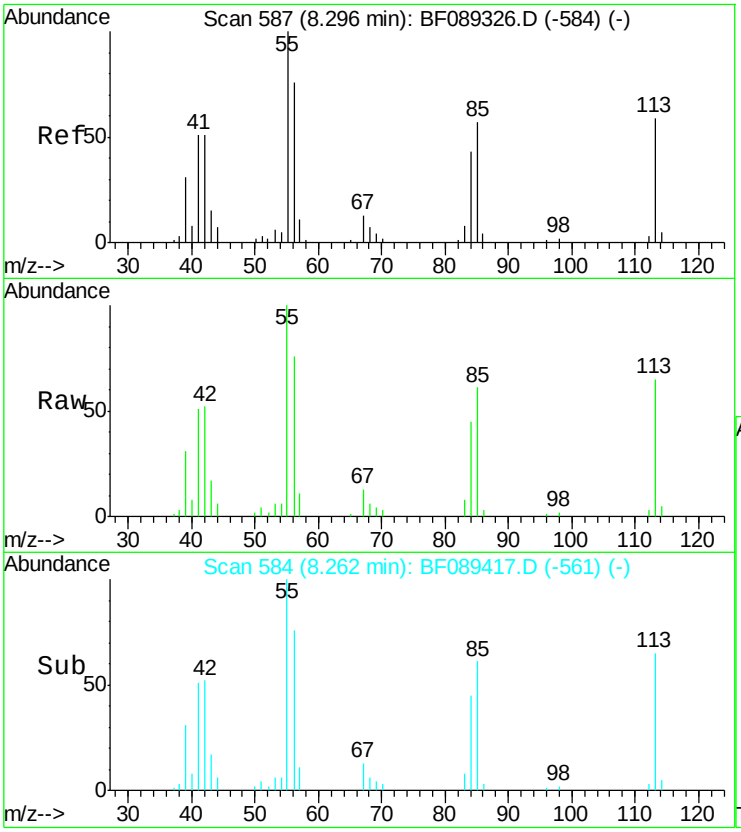


#34
Hexachlorobutadiene
Concen: 45.58 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:225 Resp: 63796

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.8	74.8
227	65.5	49.4	74.2



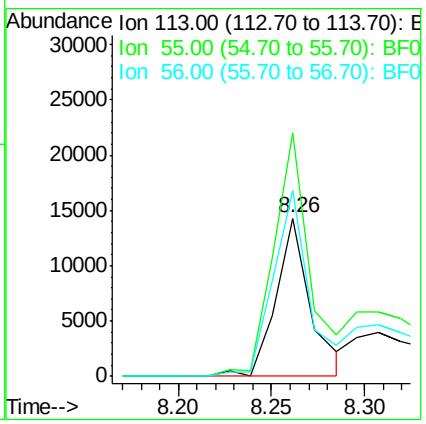


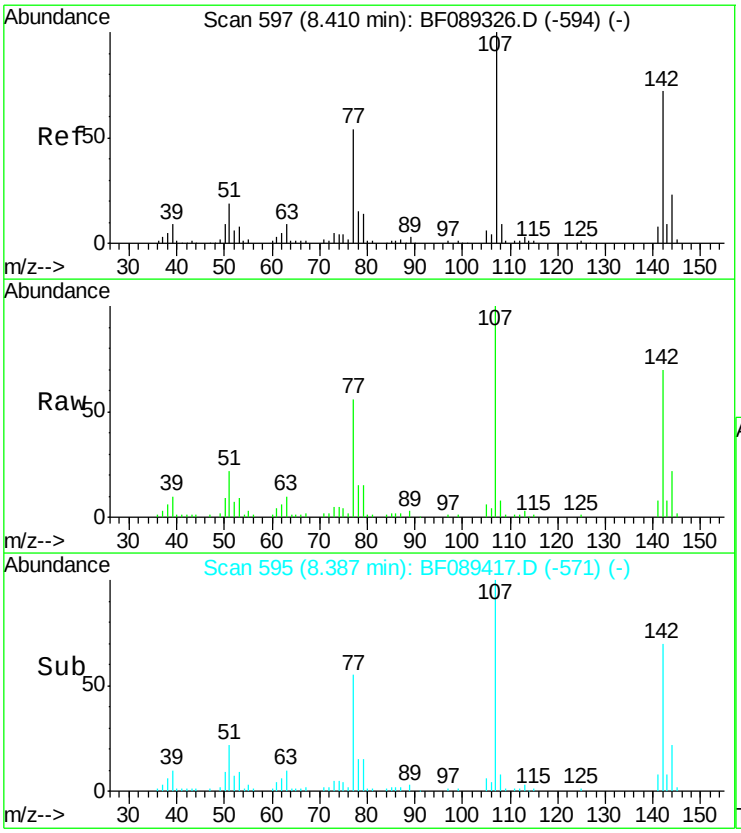
#35
Caprolactam
Concen: 28.24 ng
RT: 8.26 min Scan# 584
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:113 Resp: 18255

Ion	Ratio	Lower	Upper
113	100		
55	153.9	142.3	182.3
56	117.4	105.8	145.8

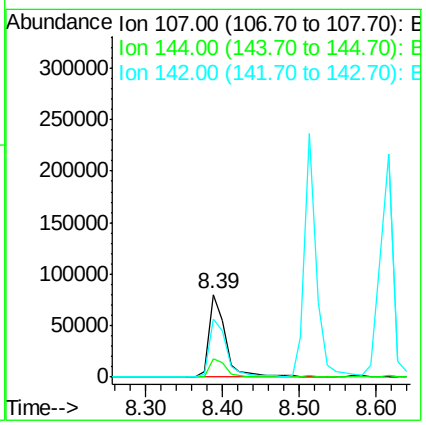


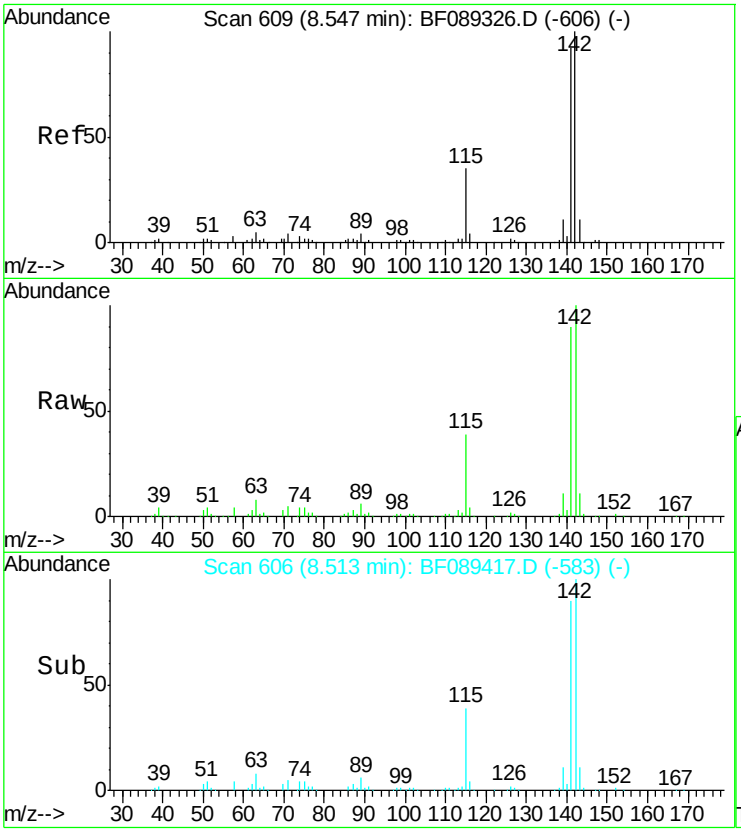


#36
4-Chloro-3-methylphenol
Concen: 47.10 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:107 Resp: 119909

Ion	Ratio	Lower	Upper
107	100		
144	21.8	18.4	27.6
142	69.7	58.6	87.8



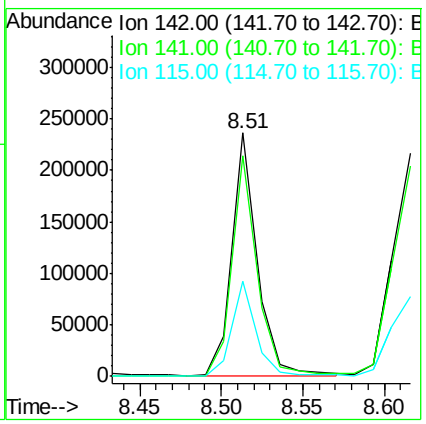


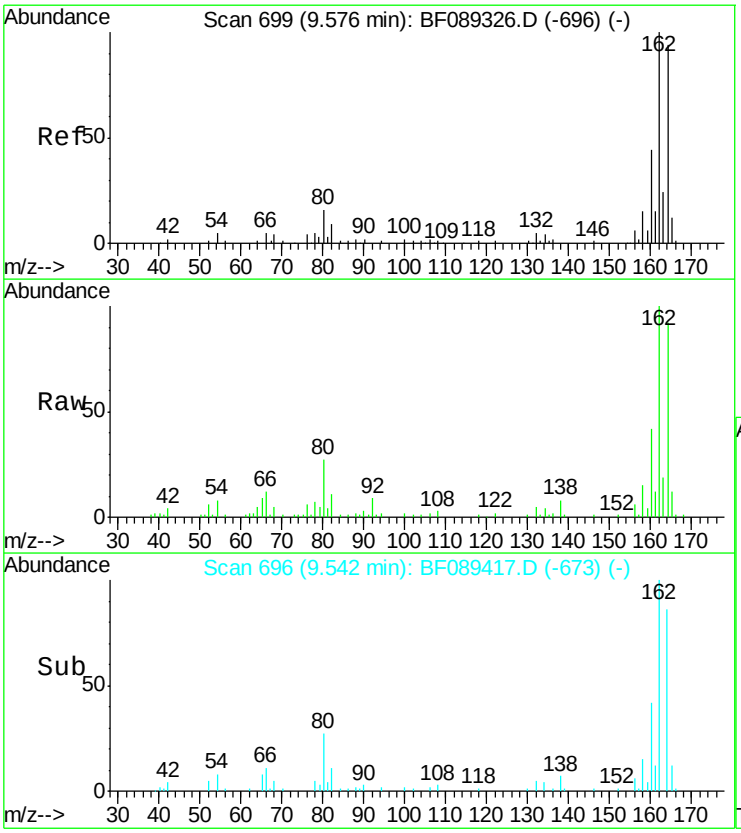
#37
2-Methylnaphthalene
Concen: 49.65 ng
RT: 8.51 min Scan# 606
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:142 Resp: 253549

Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.9	106.3
115	39.2	27.6	41.4

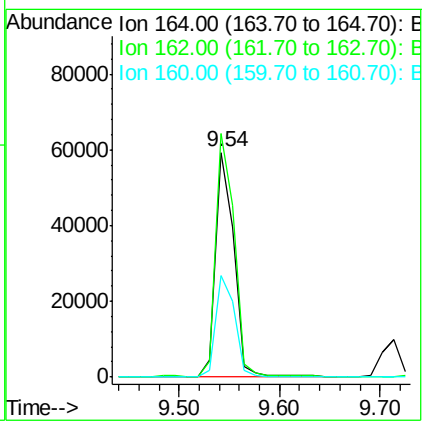


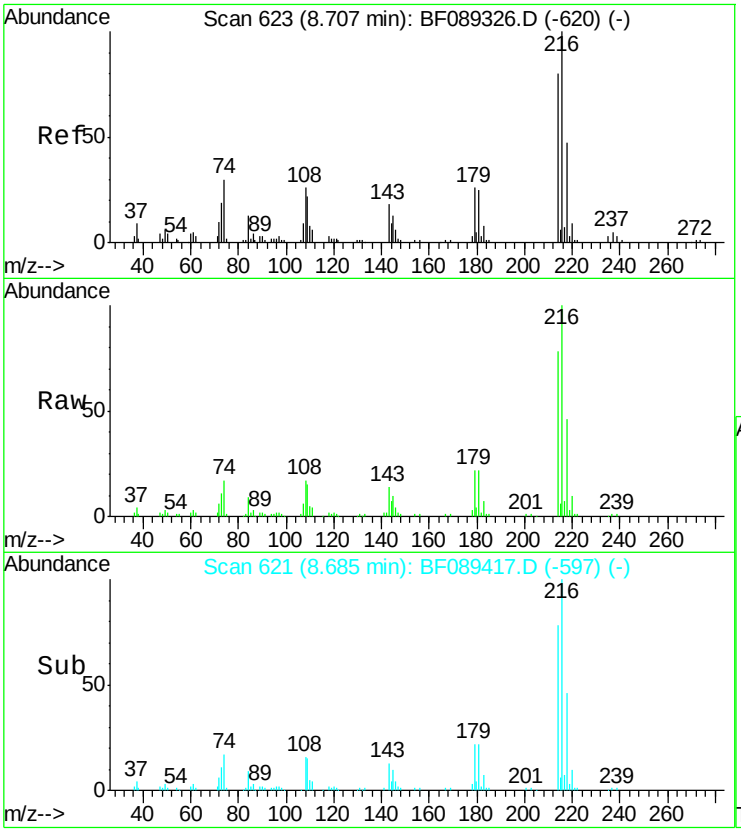


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:164 Resp: 75007

Ion	Ratio	Lower	Upper
164	100		
162	108.2	83.7	125.5
160	45.3	37.8	56.6



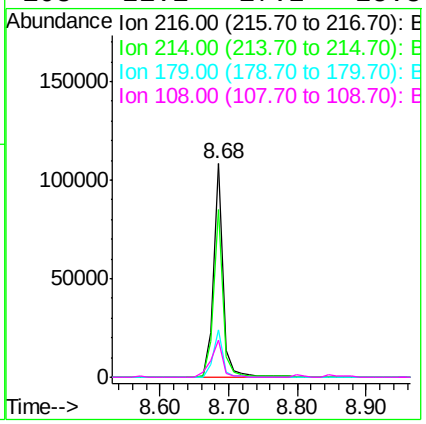


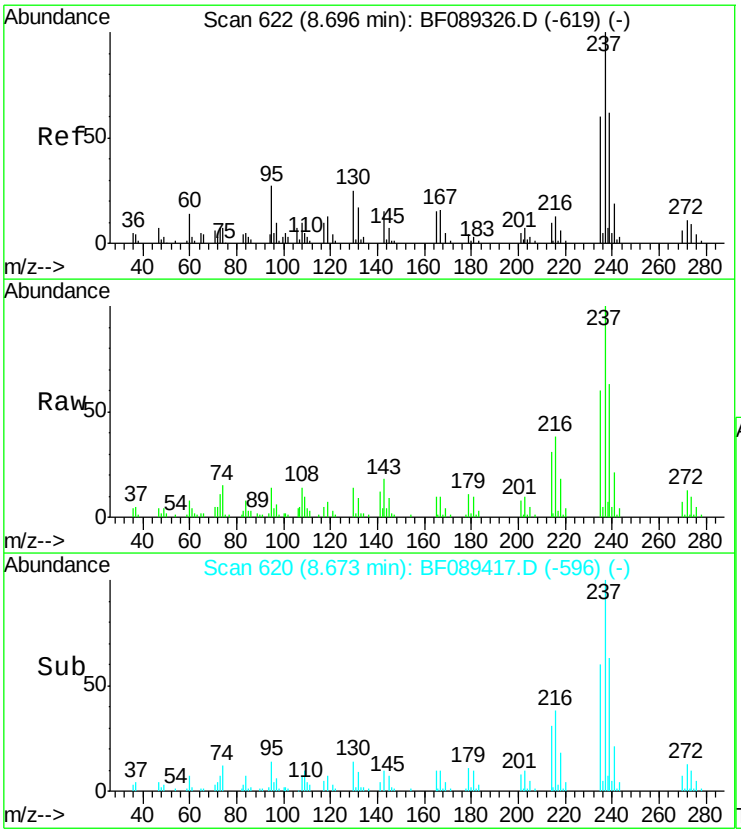
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.81 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:216 Resp: 107109

Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.3	94.9
179	21.9	18.1	27.1
108	21.1	17.2	25.8

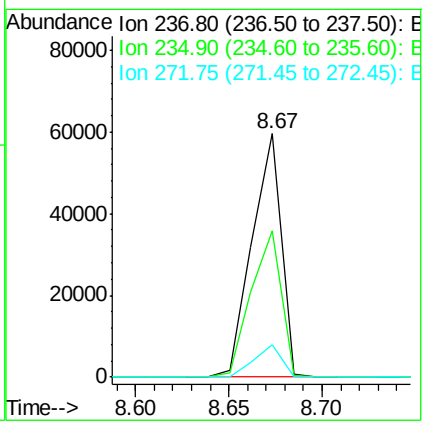


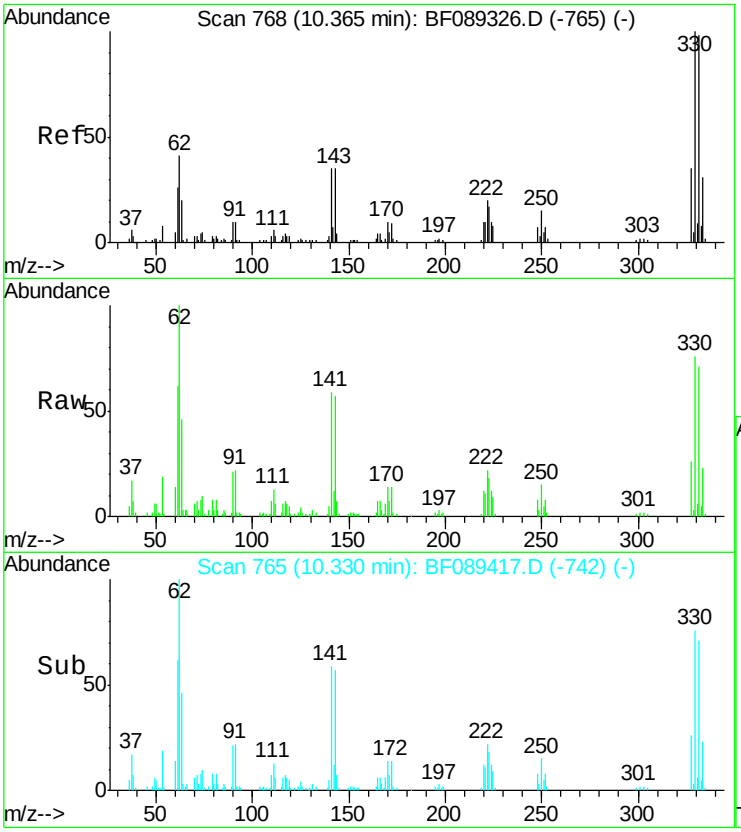


#40
Hexachlorocyclopentadiene
Concen: 85.56 ng
RT: 8.67 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:237 Resp: 64541

Ion	Ratio	Lower	Upper
237	100		
235	60.0	41.6	81.6
272	13.1	0.0	30.8



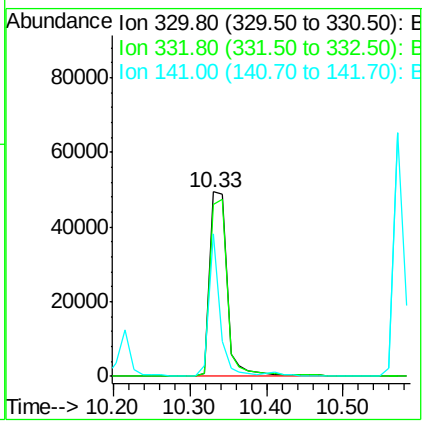


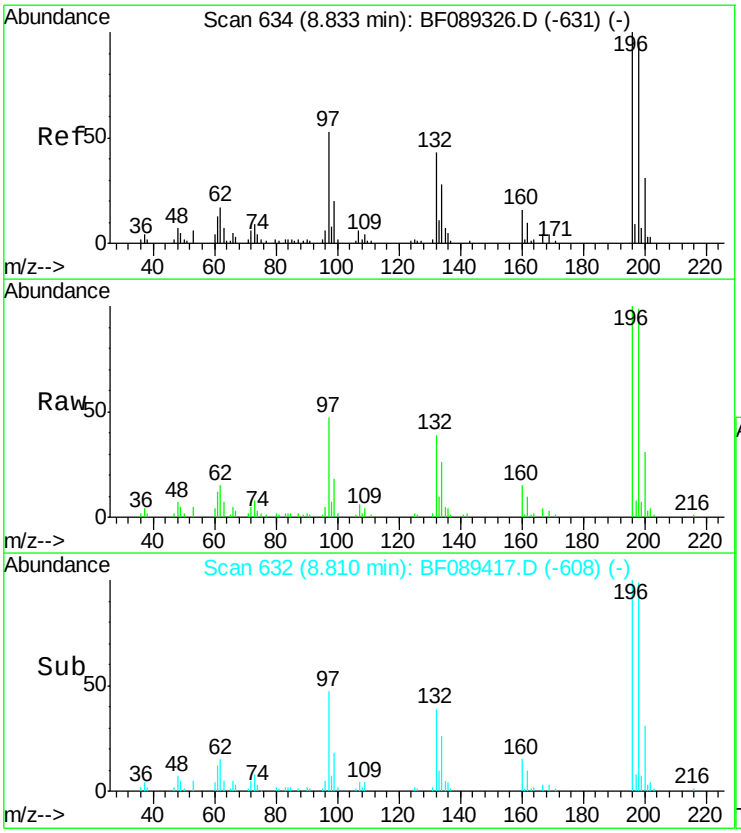
#41
2,4,6-Tribromophenol
Concen: 125.98 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:330 Resp: 78259

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	48.4	37.3	55.9

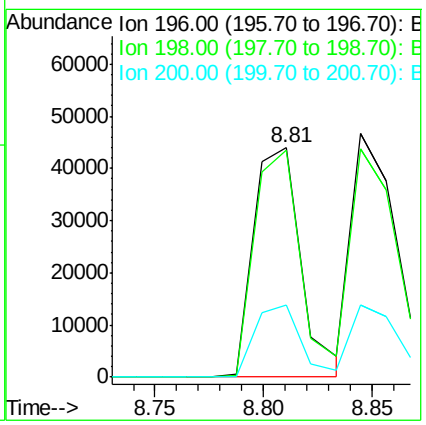


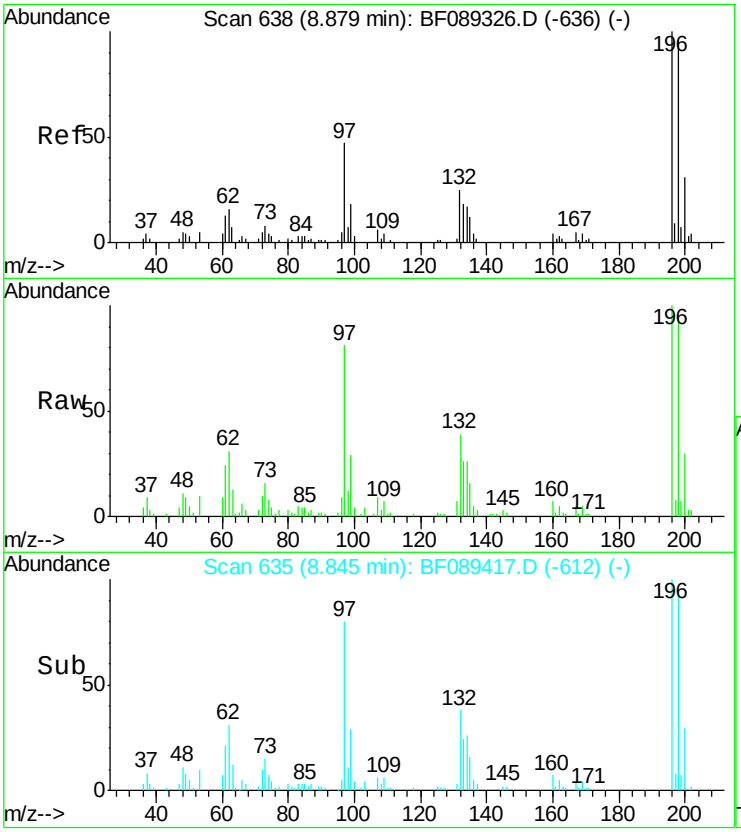


#42
2,4,6-Trichlorophenol
Concen: 53.57 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:196 Resp: 66858

Ion	Ratio	Lower	Upper
196	100		
198	99.1	75.5	113.3
200	31.4	23.9	35.9



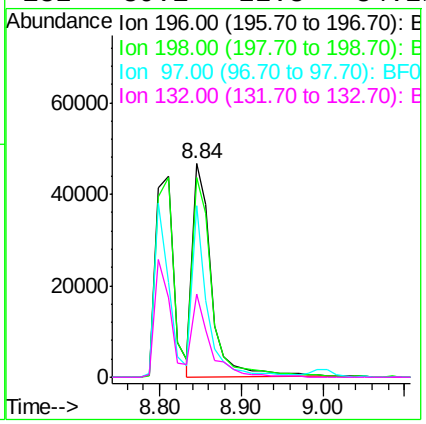


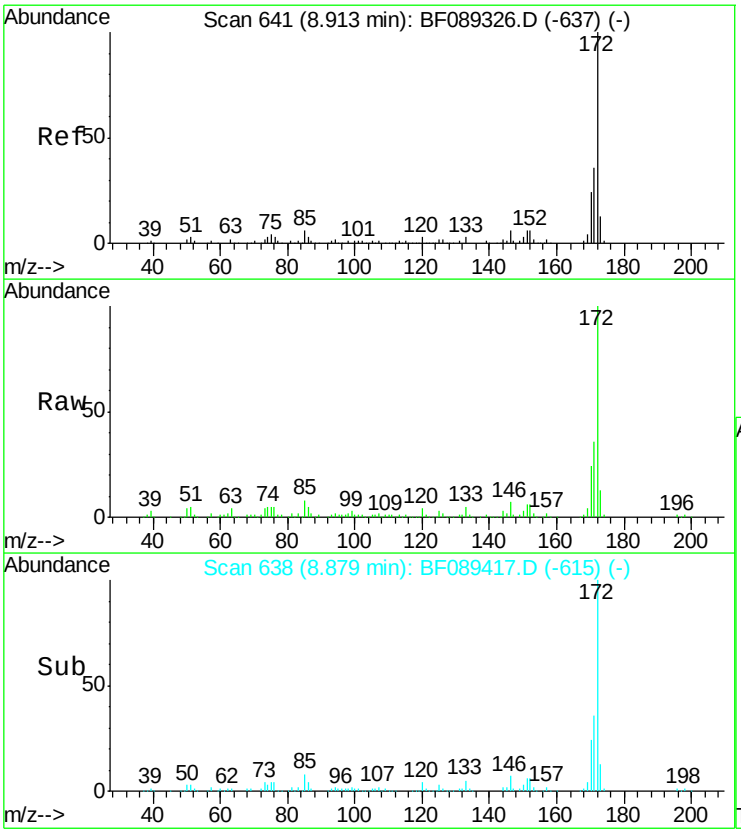
#43
2,4,5-Trichlorophenol
Concen: 47.33 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:196 Resp: 74817

Ion	Ratio	Lower	Upper
196	100		
198	93.6	78.7	118.1
97	80.6	39.7	59.5#
132	39.1	22.8	34.2#

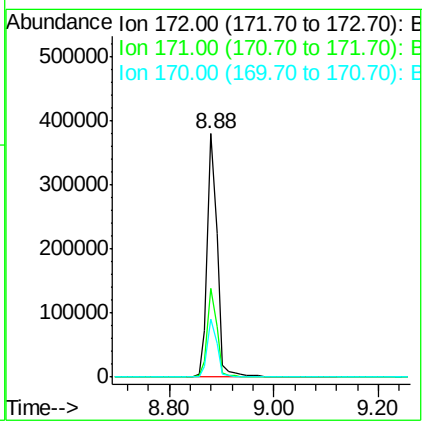


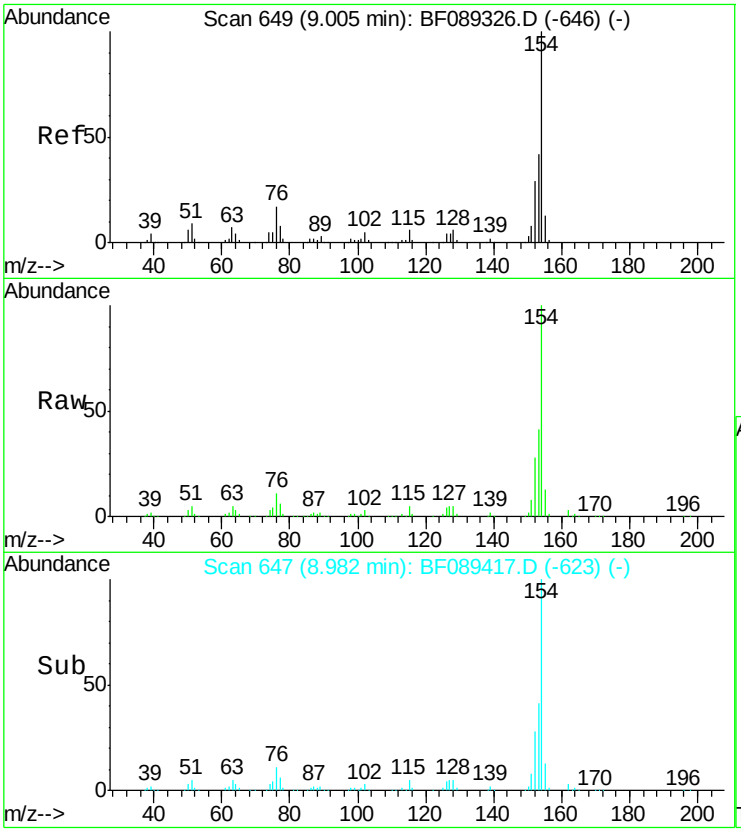


#44
2-Fluorobiphenyl
Concen: 98.67 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:172 Resp: 504324

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	23.8	19.2	28.8



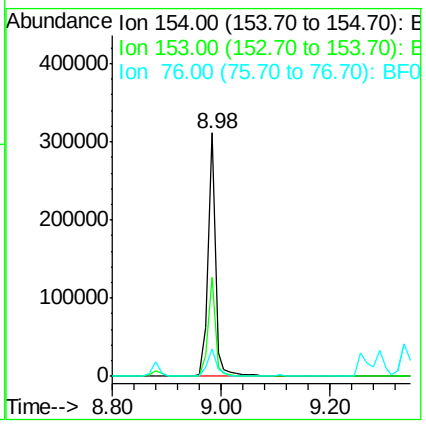


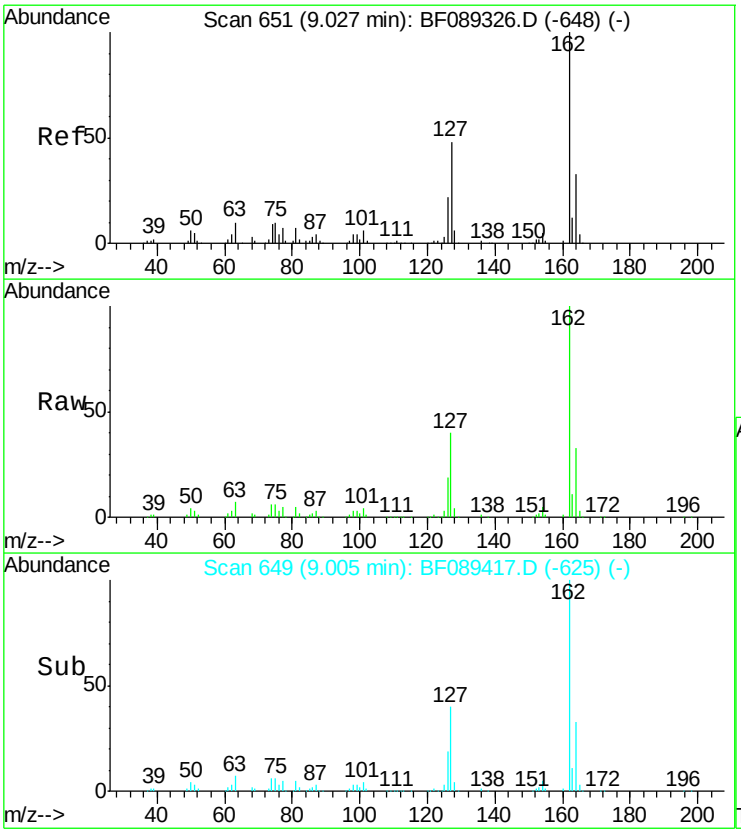
#45
1,1'-Biphenyl
Concen: 47.00 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:154 Resp: 300139

Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.0	61.0
76	11.4	0.0	36.6

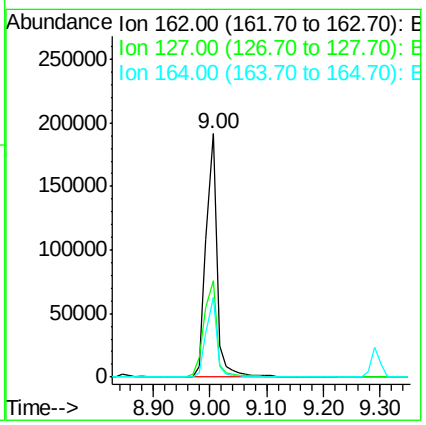


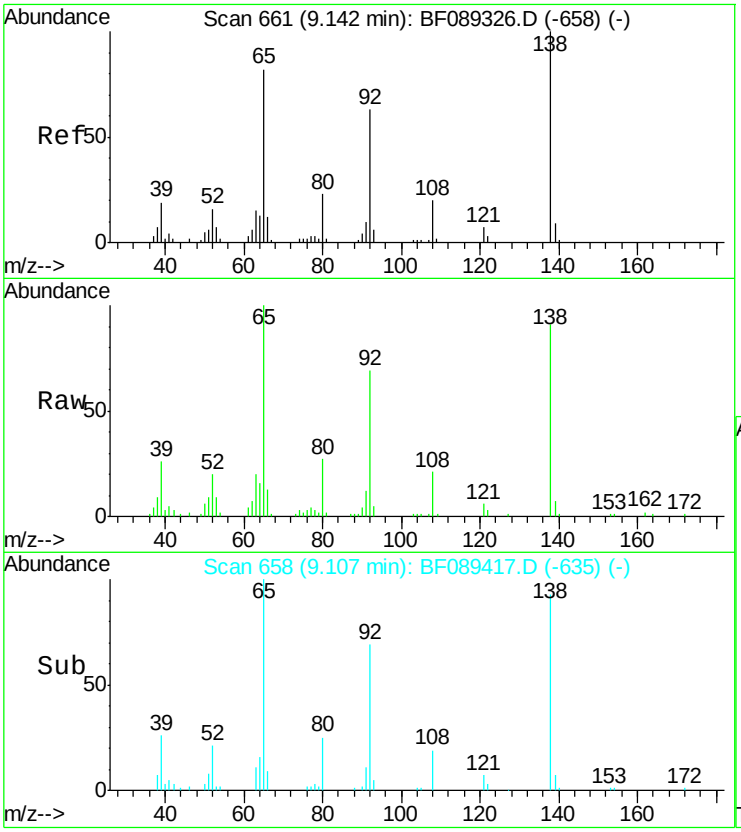


#46
2-Chloronaphthalene
Concen: 51.65 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:162 Resp: 247738

Ion	Ratio	Lower	Upper
162	100		
127	39.6	37.8	56.8
164	32.6	25.8	38.8



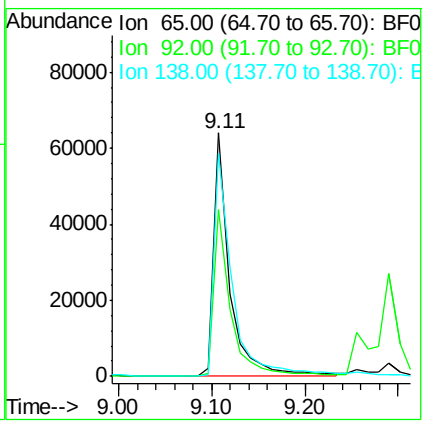


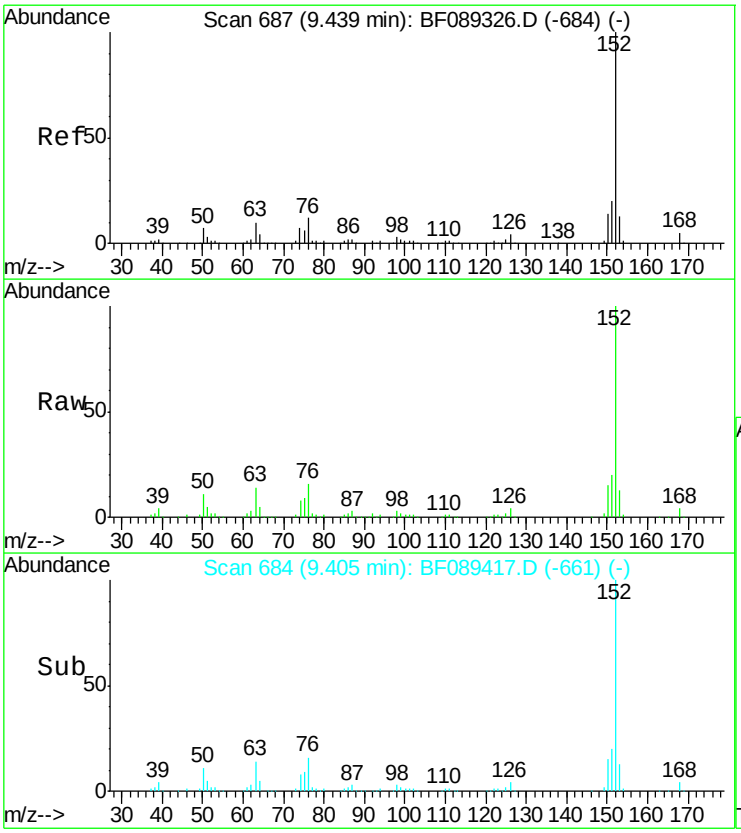
#47
2-Nitroaniline
Concen: 54.23 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion: 65 Resp: 77022

Ion	Ratio	Lower	Upper
65	100		
92	68.6	61.0	91.4
138	91.5	99.1	148.7#

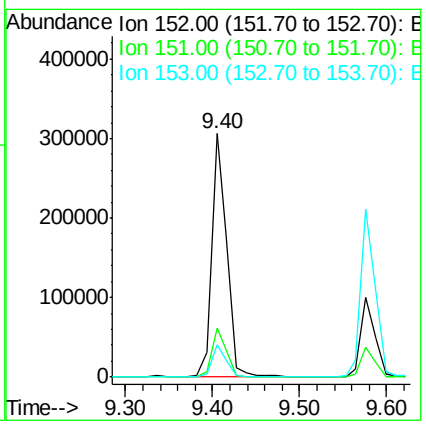


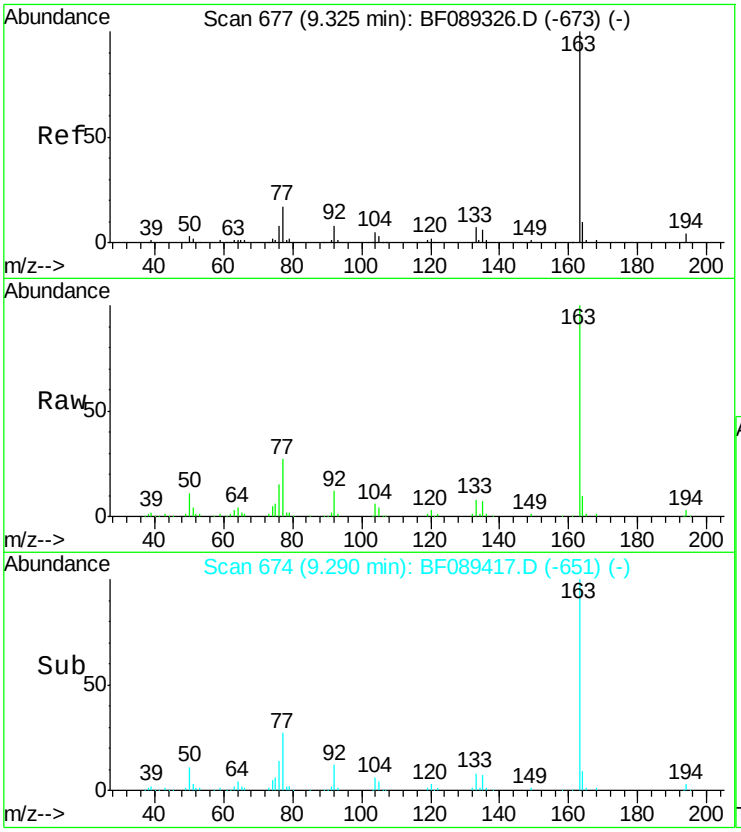


#48
Acenaphthylene
Concen: 49.48 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:152 Resp: 373808

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.1	10.2	15.4



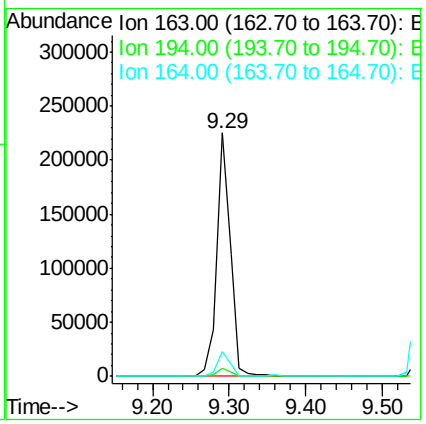


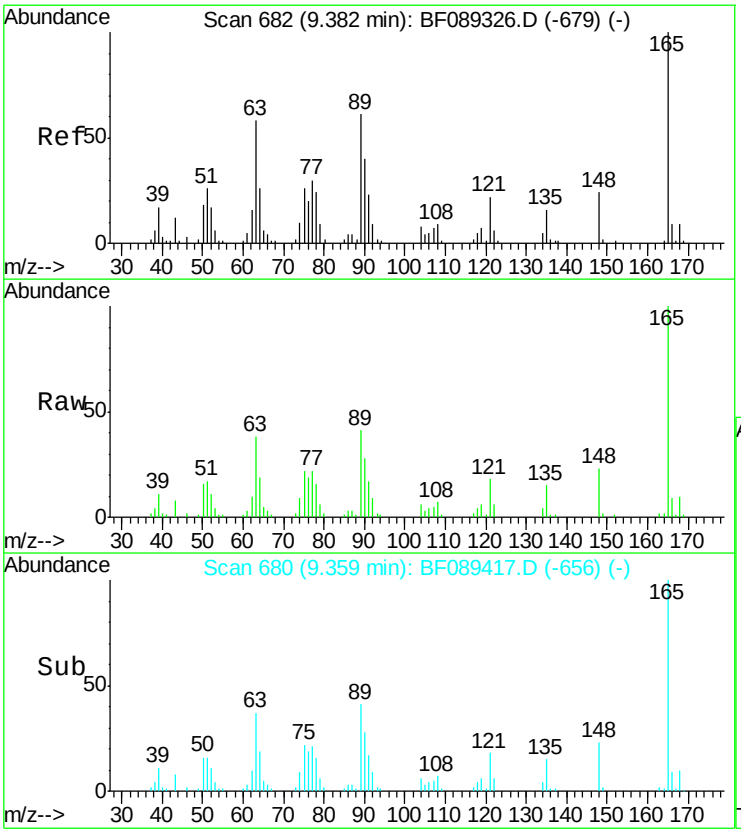
#49
Dimethylphthalate
Concen: 48.63 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:163 Resp: 277586

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.4	7.8	11.8

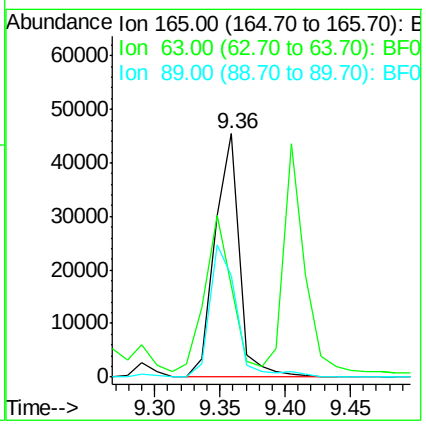


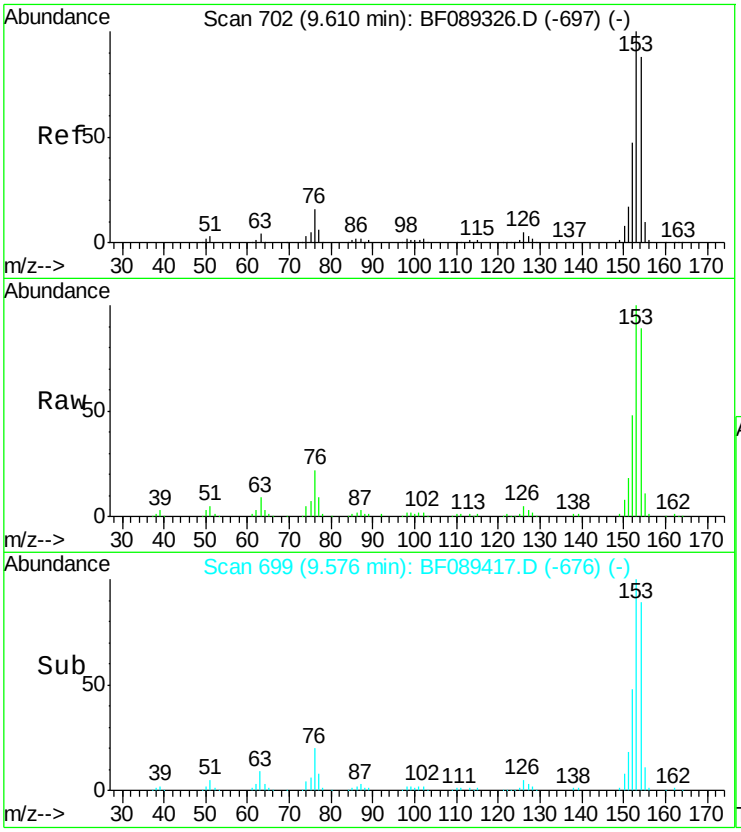


#50
2,6-Dinitrotoluene
Concen: 51.02 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:165 Resp: 59839

Ion	Ratio	Lower	Upper
165	100		
63	37.6	43.5	65.3#
89	41.5	45.0	67.4#



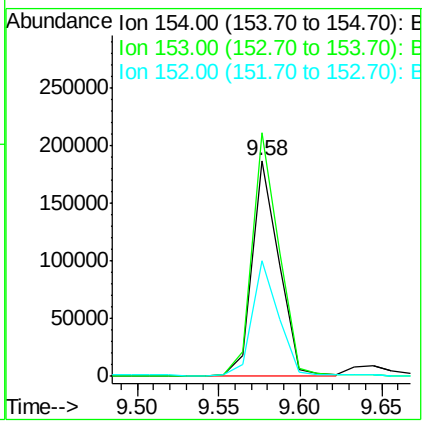


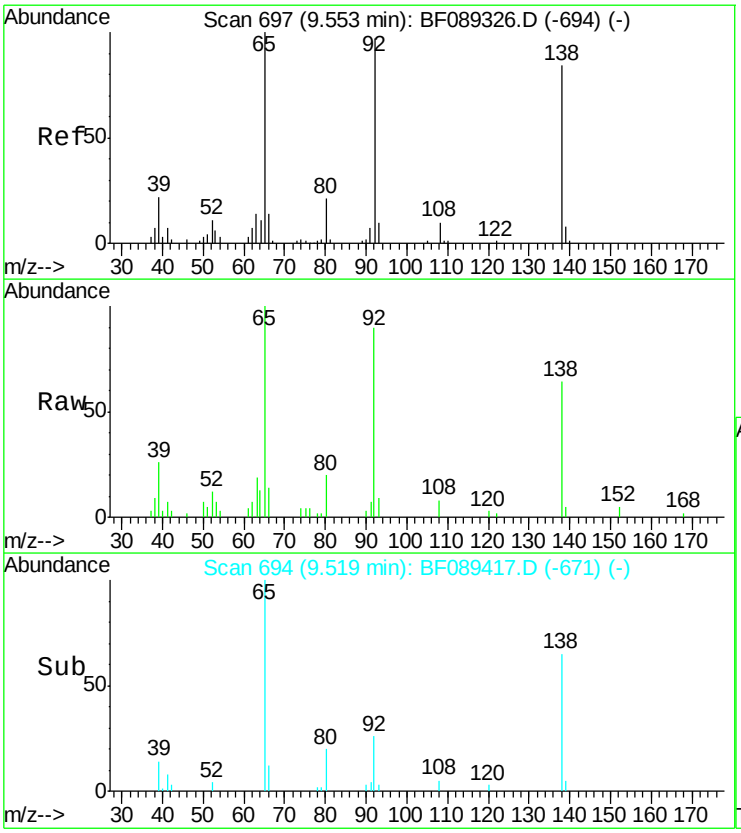
#51
Acenaphthene
Concen: 48.66 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:154 Resp: 214653

Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.4	137.2
152	53.7	43.8	65.6

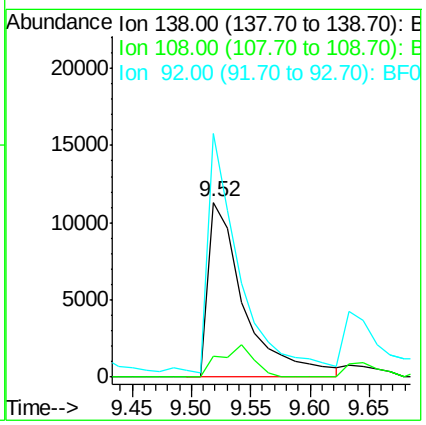


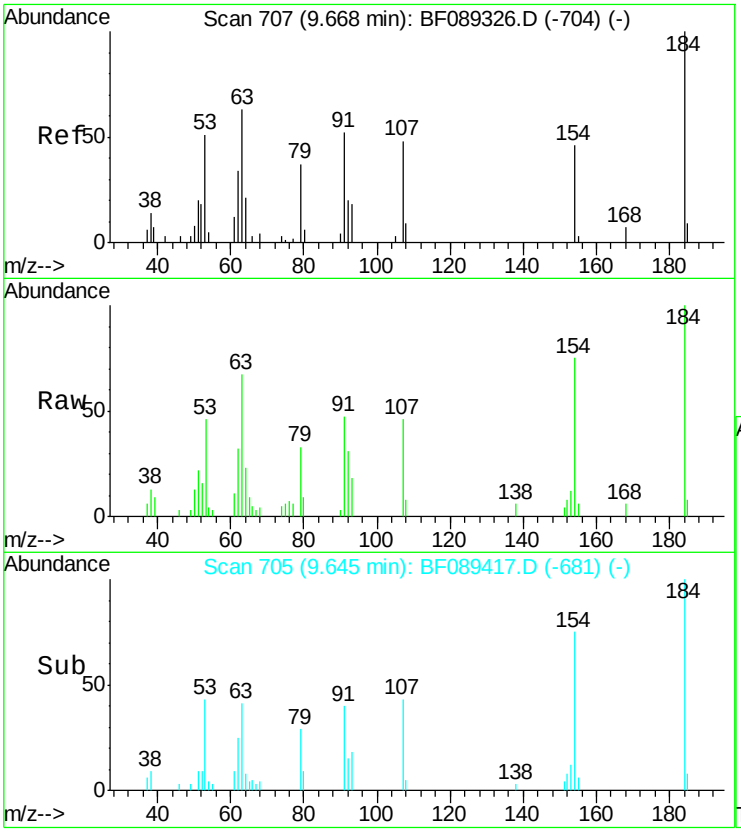


#52
3-Nitroaniline
Concen: 19.41 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:138 Resp: 24024

Ion	Ratio	Lower	Upper
138	100		
108	12.0	8.6	13.0
92	139.2	90.0	135.0#



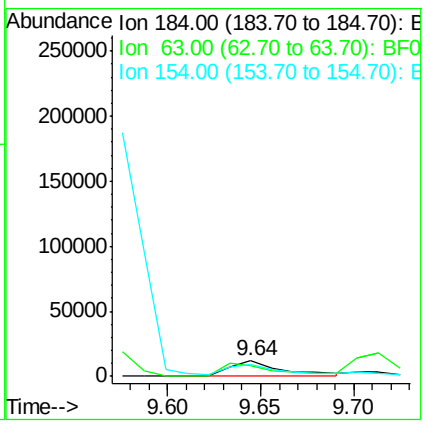


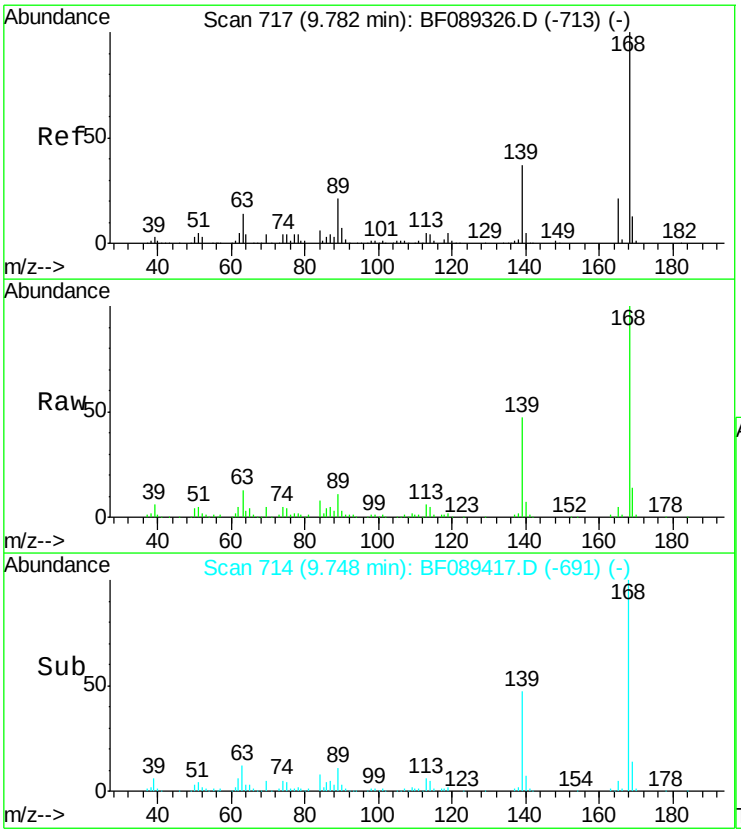
#53
2,4-Dinitrophenol
Concen: 52.95 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:184 Resp: 23316

Ion	Ratio	Lower	Upper
184	100		
63	66.6	60.6	90.8
154	75.4	69.8	104.8

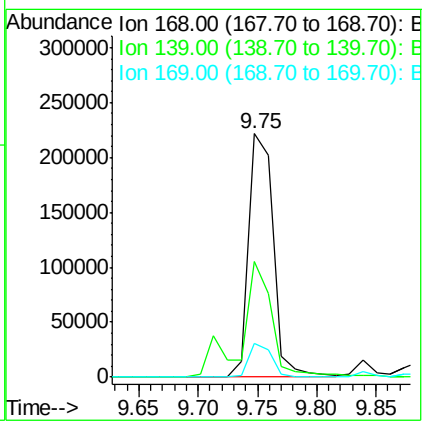


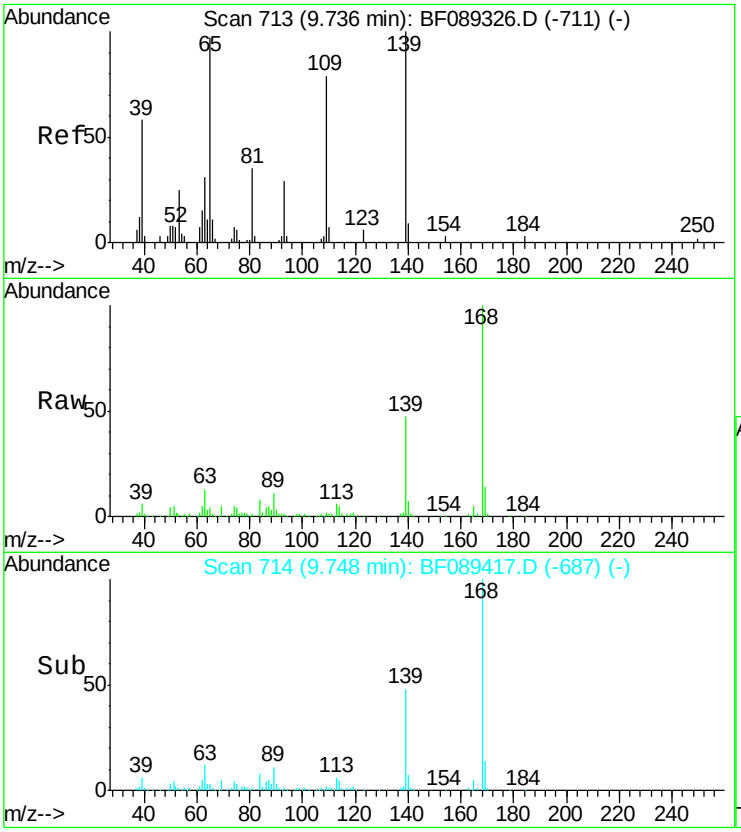


#54
Dibenzofuran
Concen: 54.02 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:168 Resp: 324752

Ion	Ratio	Lower	Upper
168	100		
139	47.3	33.7	50.5
169	13.6	10.7	16.1



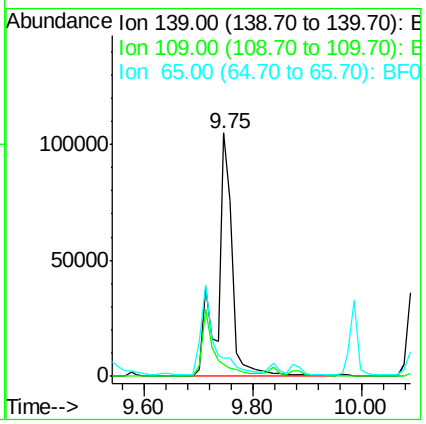


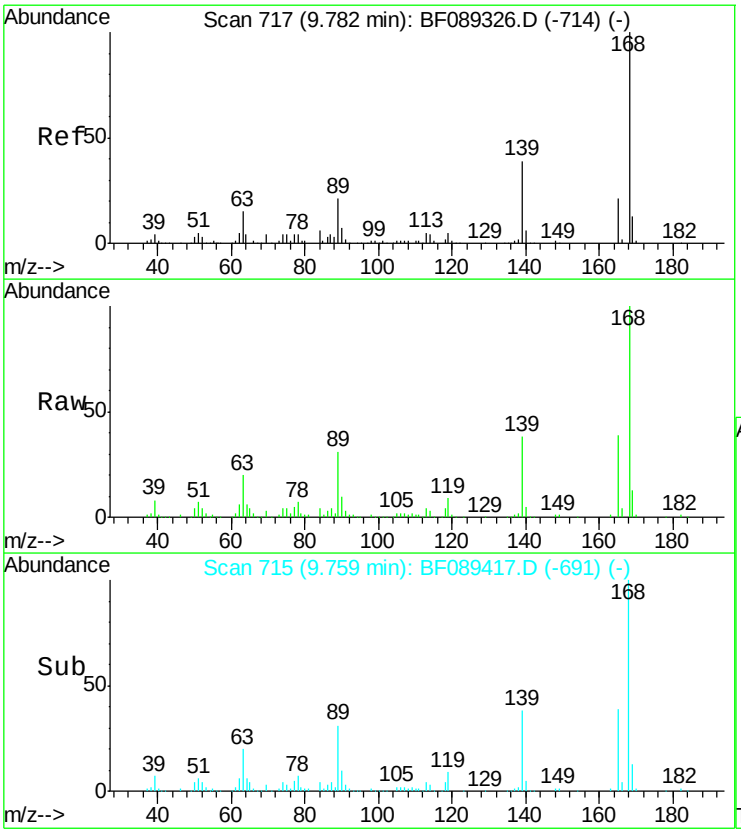
#55
4-Nitrophenol
Concen: 309.15 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:139 Resp: 197937

Ion	Ratio	Lower	Upper
139	100		
109	4.7	57.8	97.8#
65	7.6	81.7	121.7#

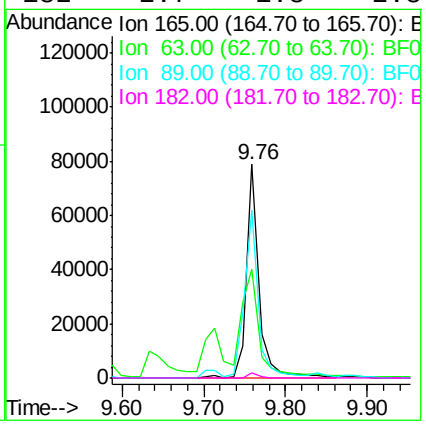


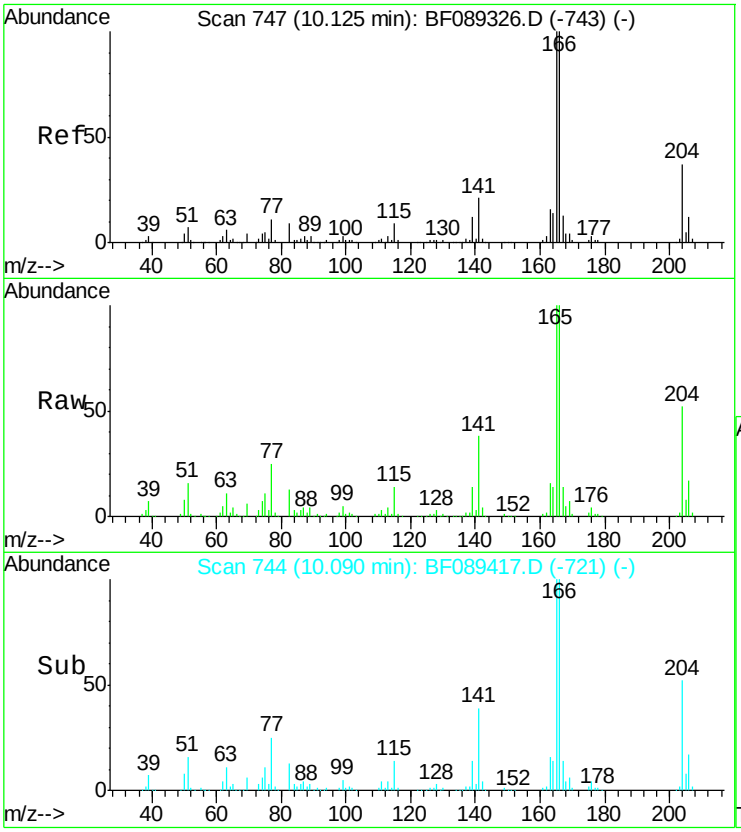


#56
2,4-Dinitrotoluene
Concen: 54.23 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:165 Resp: 83736

Ion	Ratio	Lower	Upper
165	100		
63	50.9	58.2	87.2#
89	78.5	79.1	118.7#
182	2.7	1.8	2.8



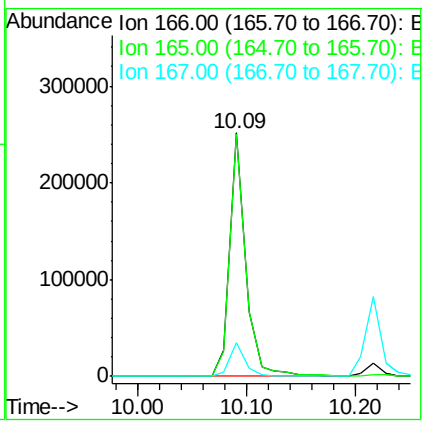


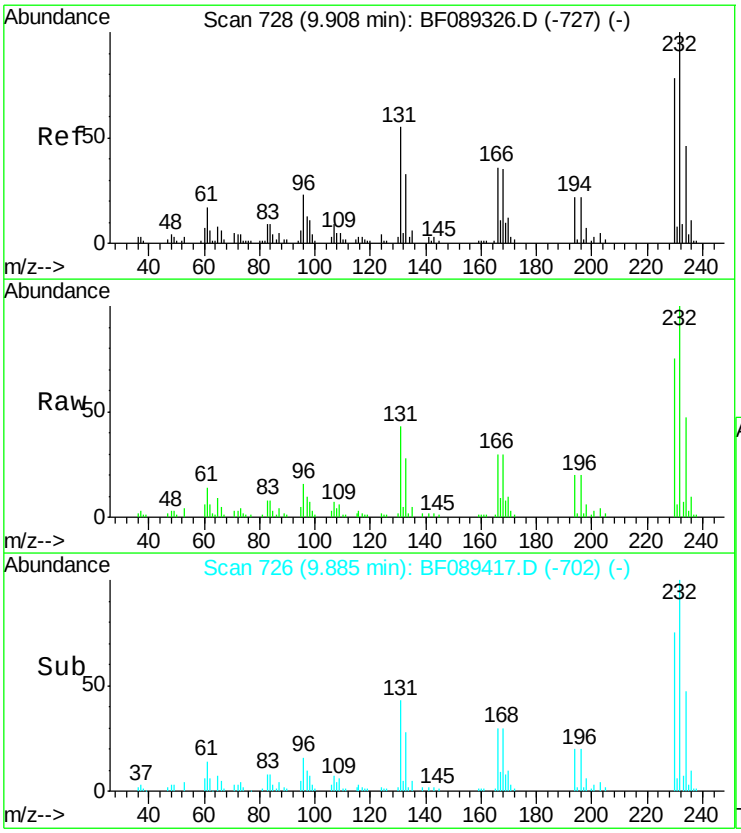
#57
Fluorene
Concen: 48.36 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:166 Resp: 253761

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.0	118.4
167	13.7	10.2	15.2

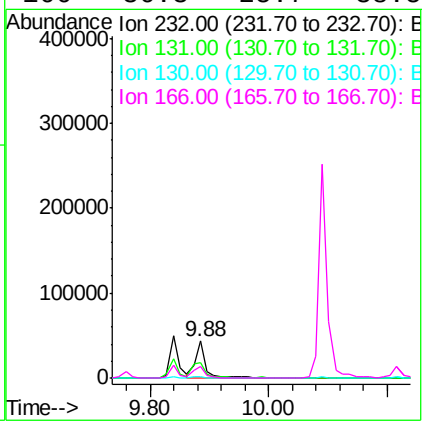


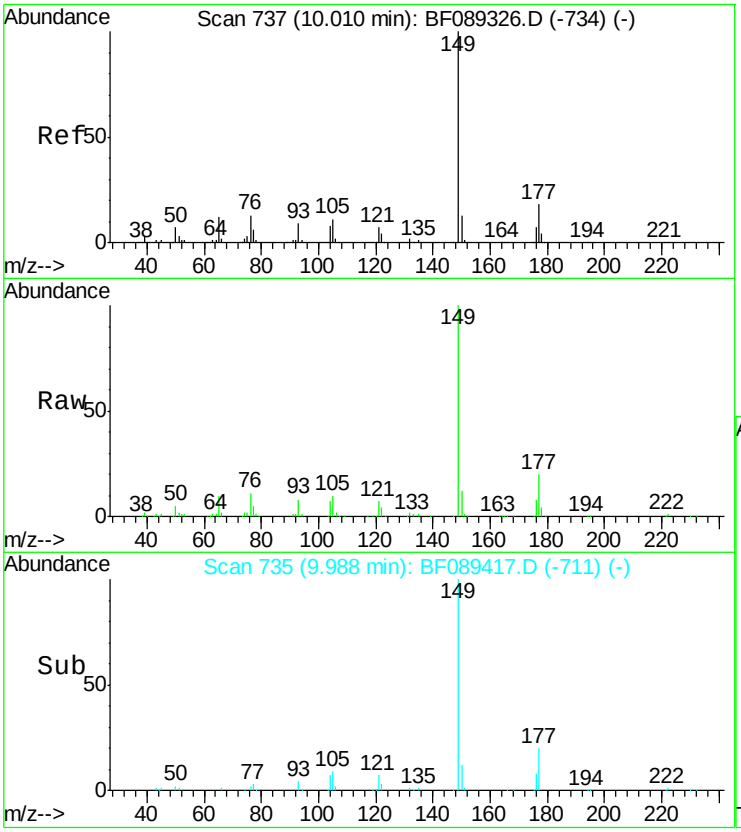


#58
2,3,4,6-Tetrachlorophenol
Concen: 53.42 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:232 Resp: 56381

Ion	Ratio	Lower	Upper
232	100		
131	55.3	42.7	64.1
130	2.5	1.7	2.5
166	36.3	25.7	38.5



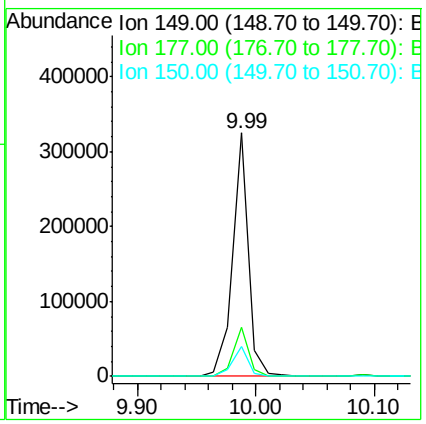


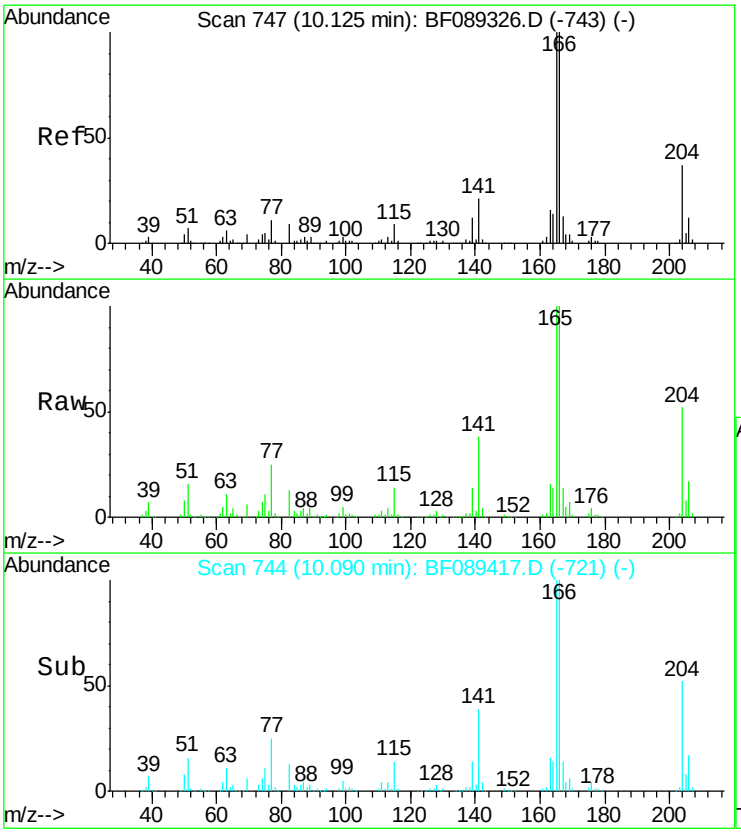
#59
Diethylphthalate
Concen: 52.19 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:149 Resp: 302013

Ion	Ratio	Lower	Upper
149	100		
177	20.1	15.1	22.7
150	12.1	10.2	15.4

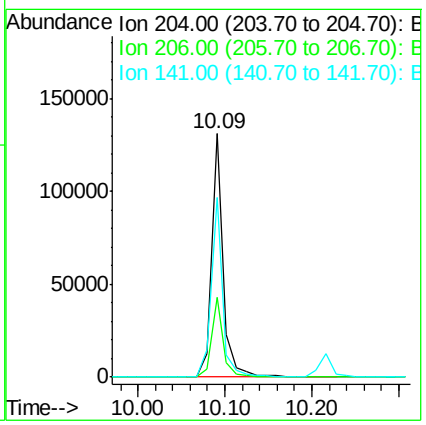


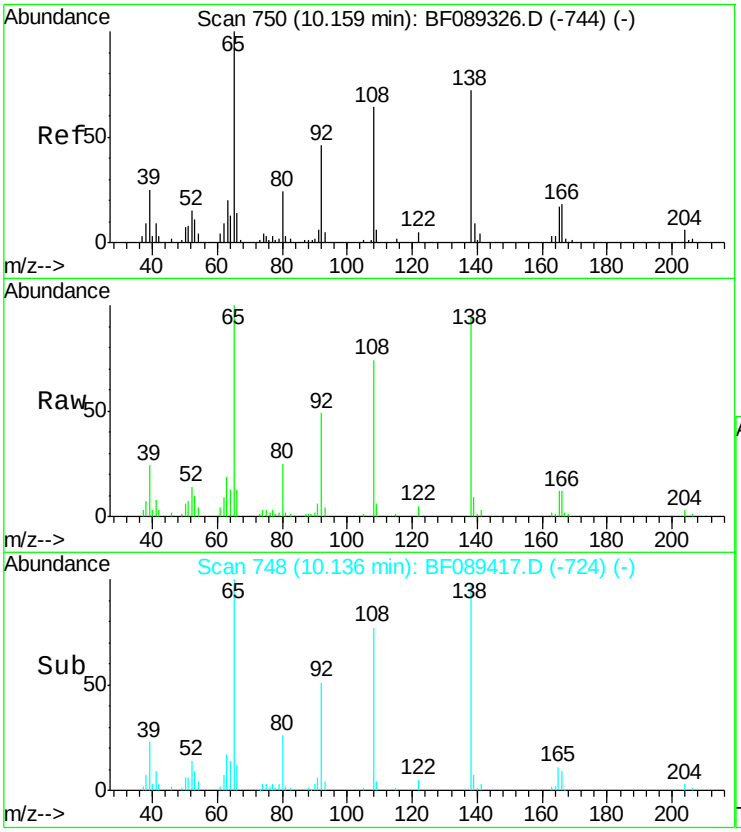


#60
4-Chlorophenyl-phenylether
Concen: 50.82 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:204 Resp: 122330

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	73.5	46.6	70.0#



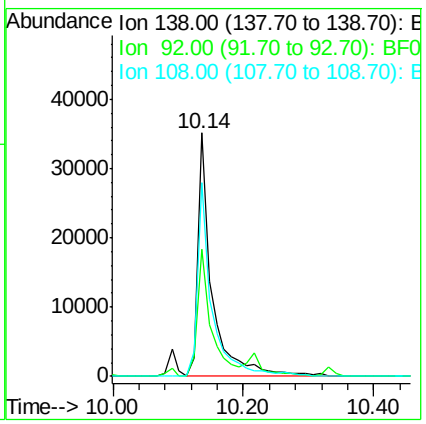


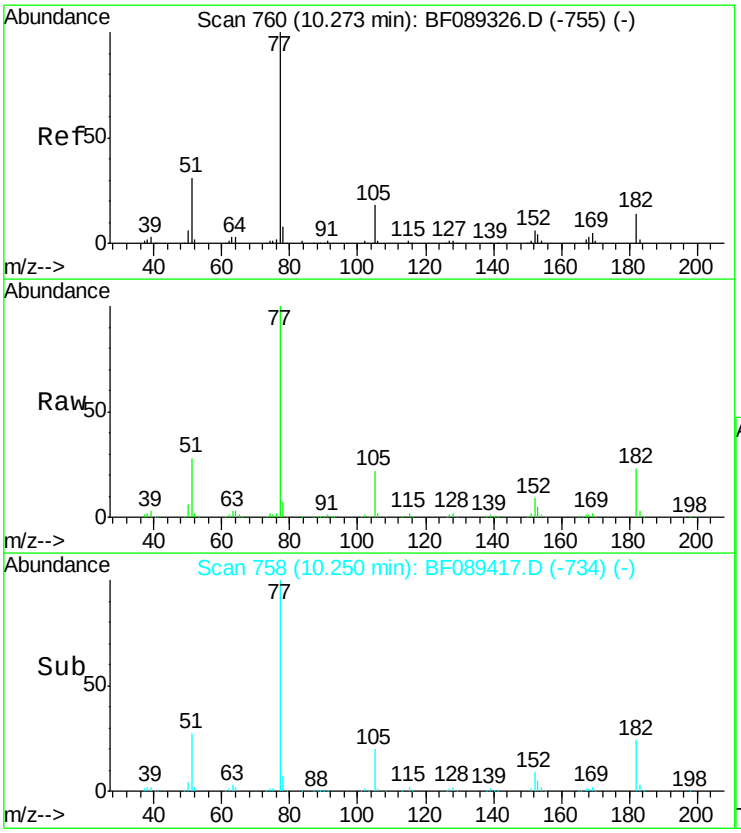
#61
4-Nitroaniline
Concen: 40.94 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:138 Resp: 52238

Ion	Ratio	Lower	Upper
138	100		
92	52.2	41.2	81.2
108	79.5	69.6	109.6

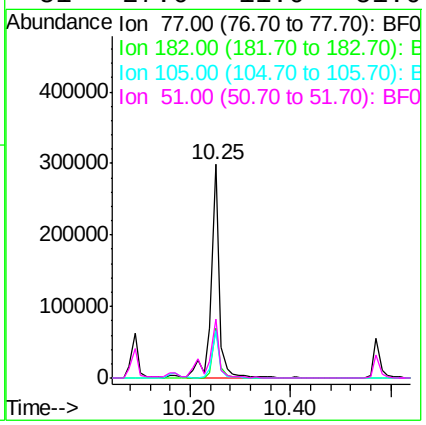


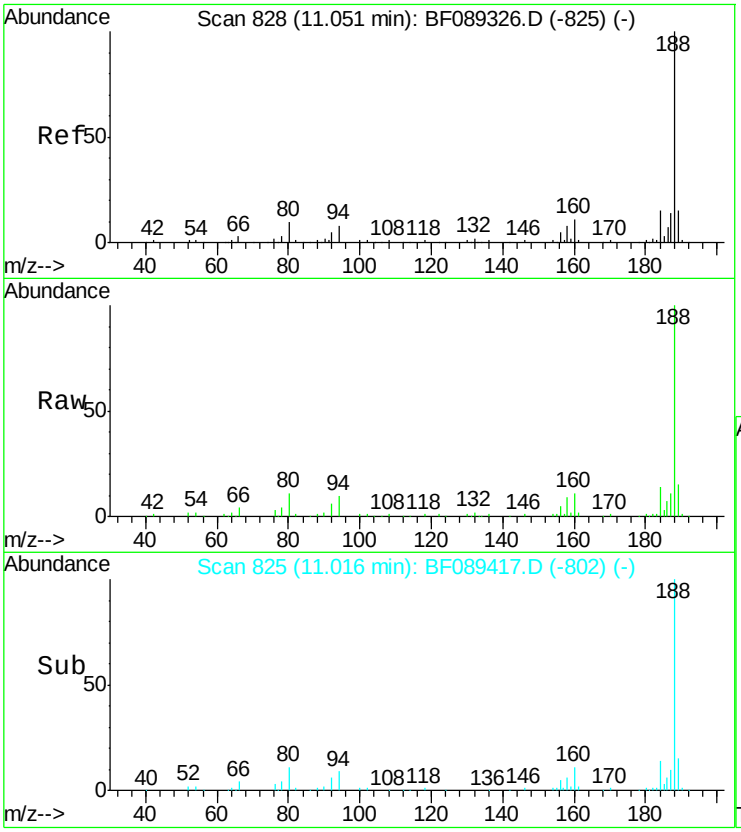


#62
Azobenzene
Concen: 55.99 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion: 77 Resp: 333704

Ion	Ratio	Lower	Upper
77	100		
182	23.3	0.0	33.8
105	22.2	0.0	39.8
51	27.6	11.0	51.0



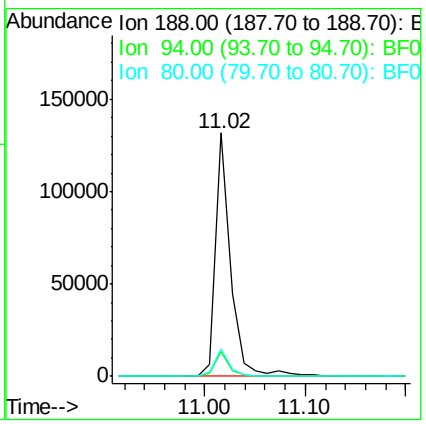


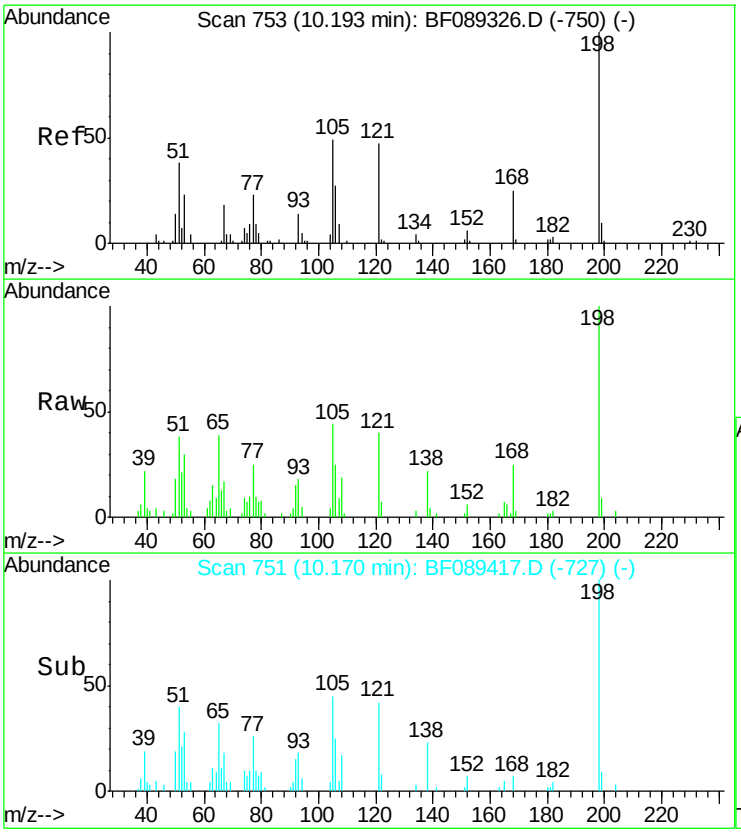
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:188 Resp: 137822

Ion	Ratio	Lower	Upper
188	100		
94	10.3	6.5	9.7#
80	11.4	7.2	10.8#

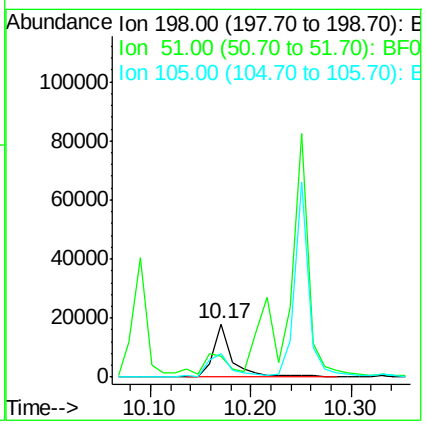


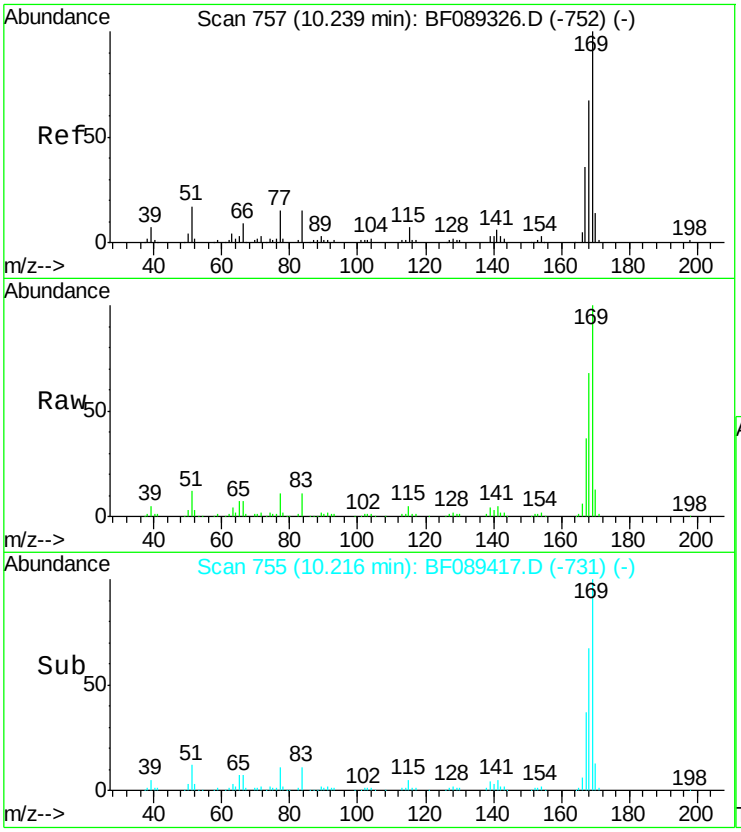


#64
4,6-Dinitro-2-methylphenol
Concen: 30.10 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:198 Resp: 23563

Ion	Ratio	Lower	Upper
198	100		
51	38.3	23.0	63.0
105	43.6	28.3	68.3



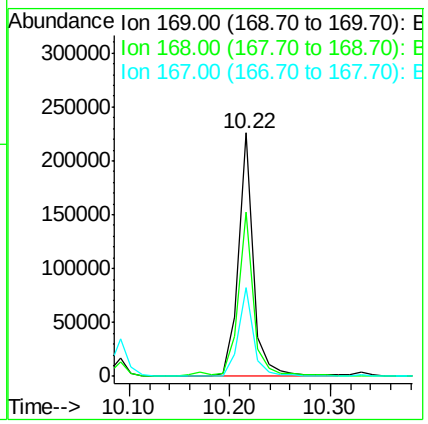


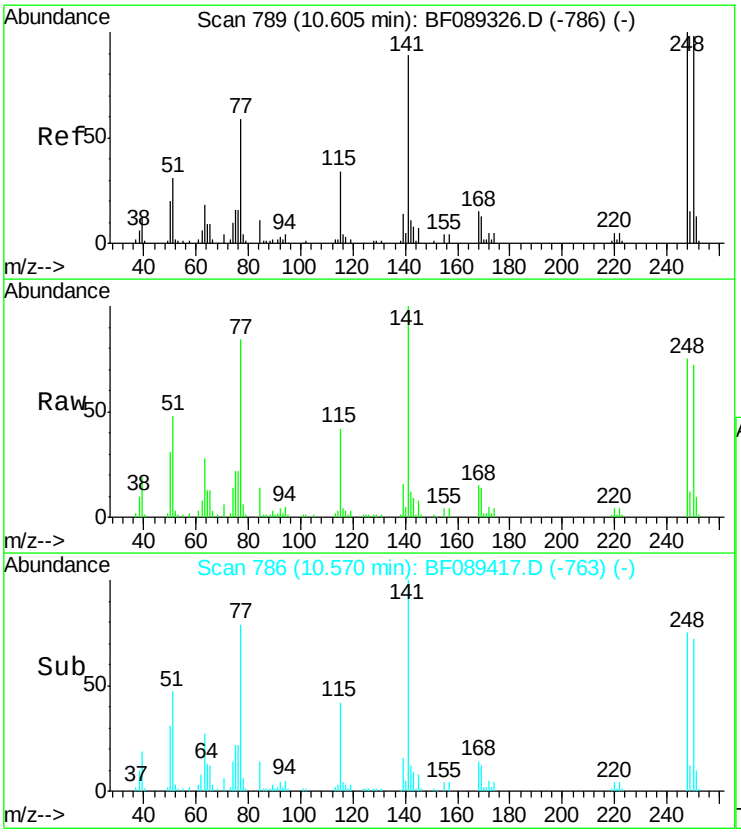
#65
n-Nitrosodiphenylamine
Concen: 54.84 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:169 Resp: 235847

Ion	Ratio	Lower	Upper
169	100		
168	67.7	55.4	83.0
167	36.7	29.7	44.5

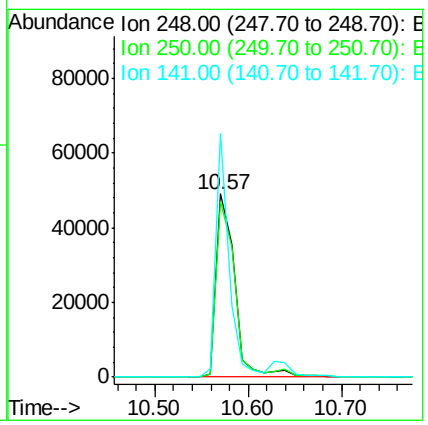


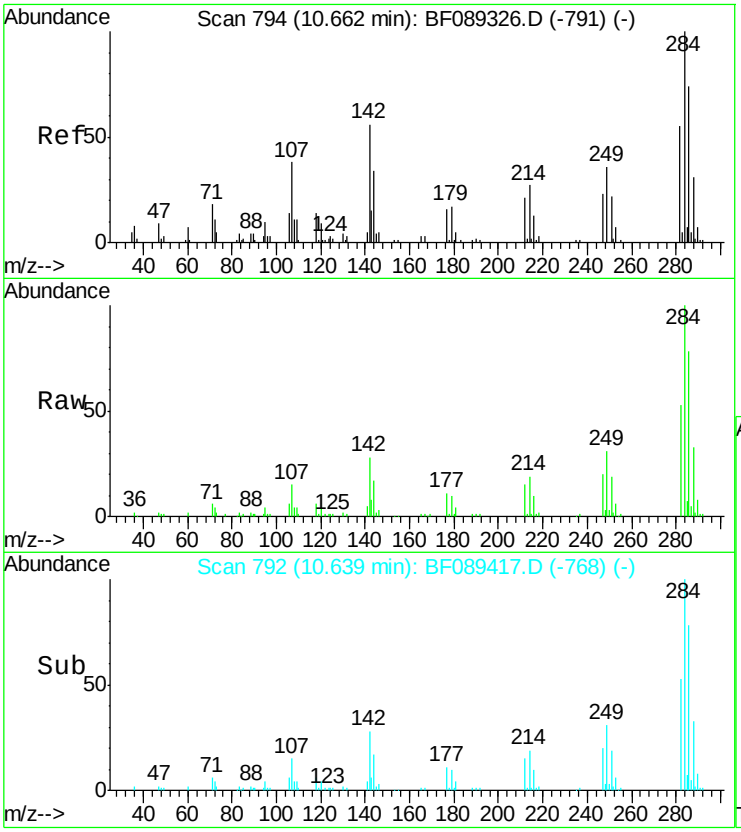


#66
4-Bromophenyl-phenylether
Concen: 51.08 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:248 Resp: 67211

Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.2	117.2
141	132.9	62.0	93.0#



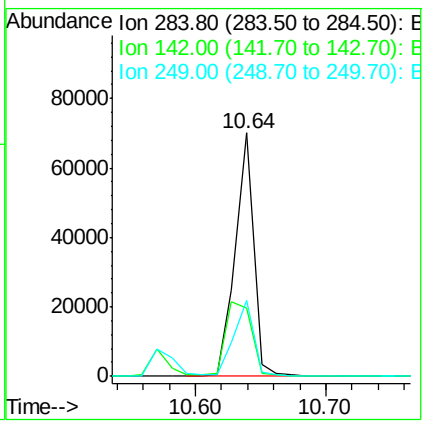


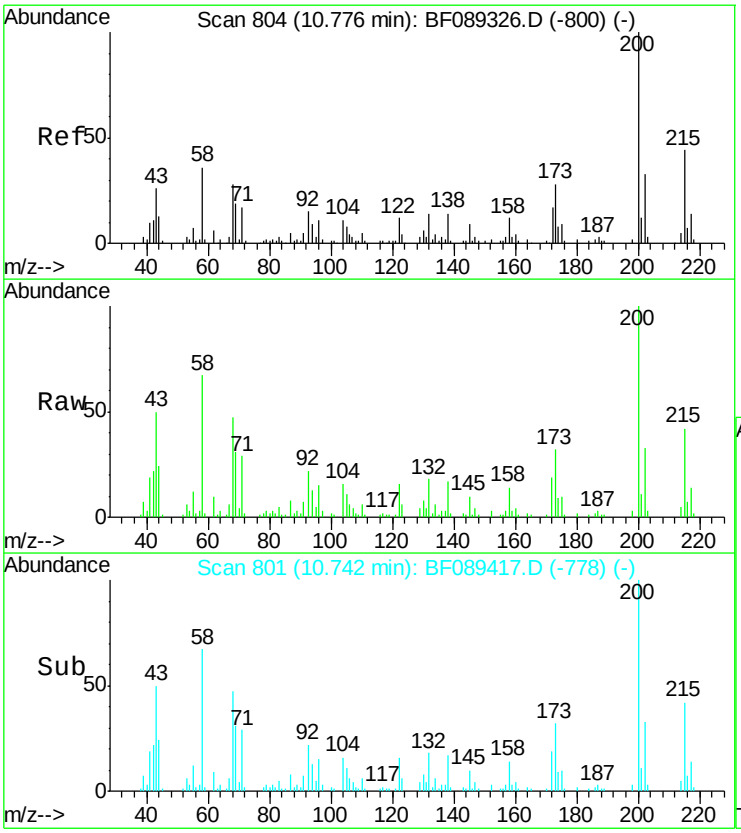
#67
Hexachlorobenzene
Concen: 51.22 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:284 Resp: 69070

Ion	Ratio	Lower	Upper
284	100		
142	28.2	42.2	63.4#
249	31.3	29.4	44.0

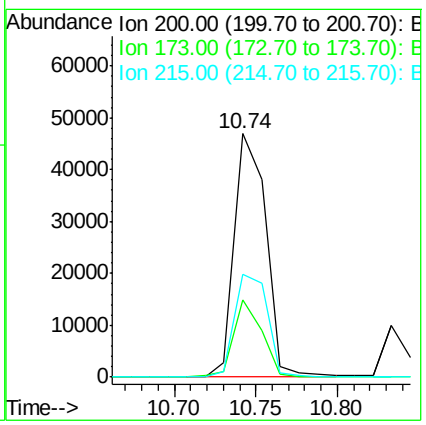


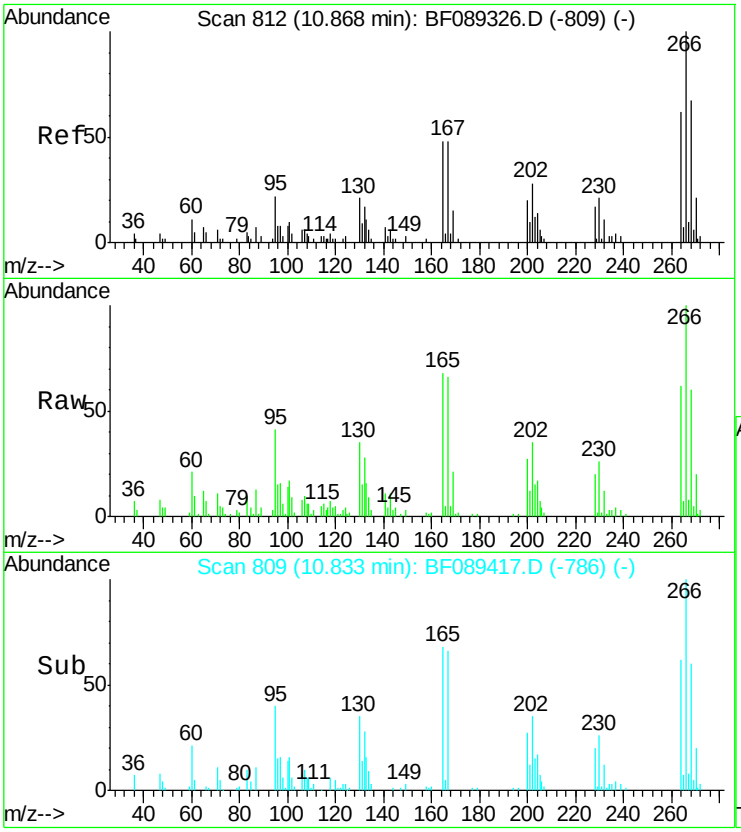


#68
Atrazine
Concen: 47.48 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:200 Resp: 62729

Ion	Ratio	Lower	Upper
200	100		
173	31.5	6.0	46.0
215	42.3	24.3	64.3



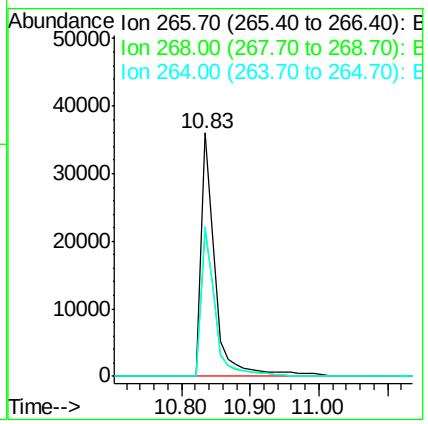


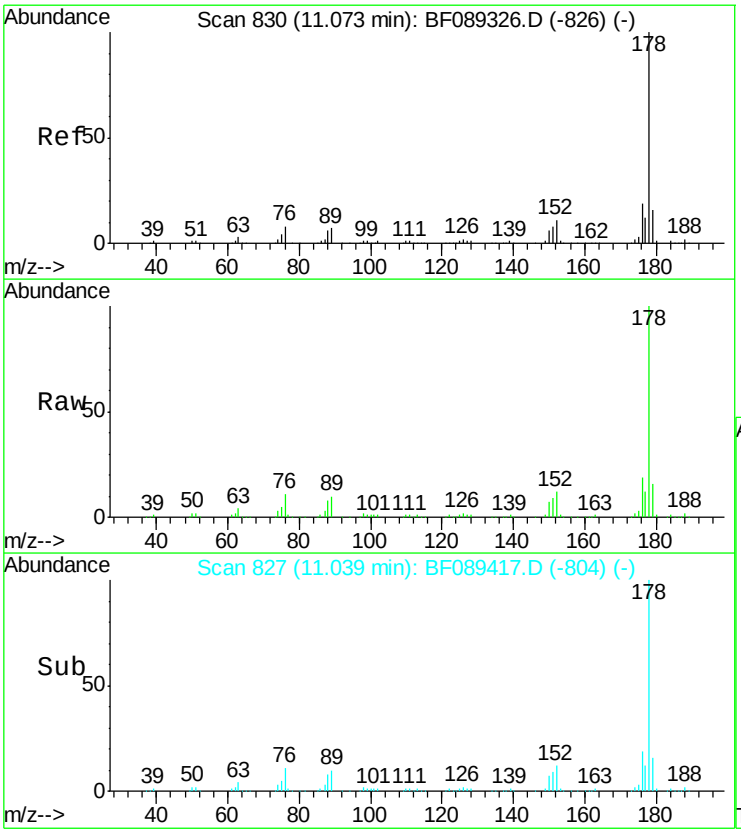
#69
Pentachlorophenol
Concen: 76.76 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:266 Resp: 49978

Ion	Ratio	Lower	Upper
266	100		
268	59.8	49.4	74.2
264	61.8	50.2	75.2

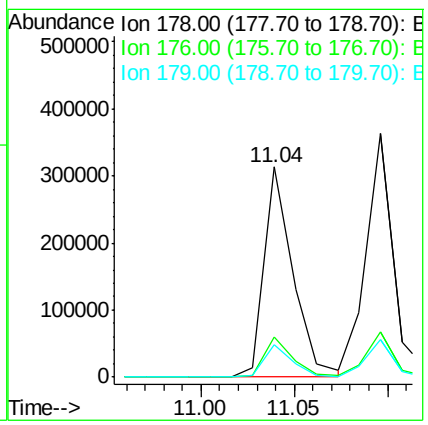


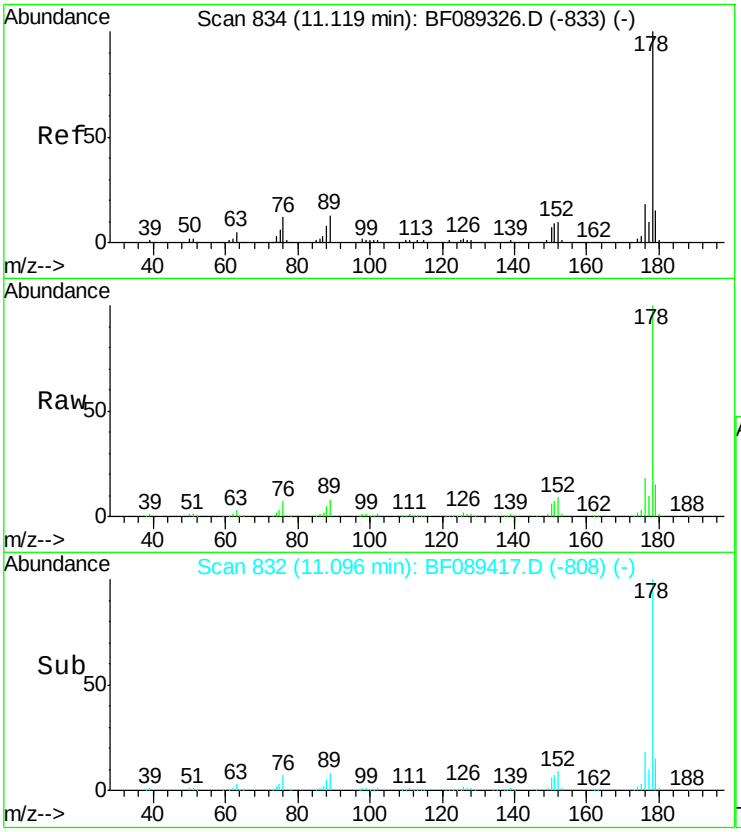


#70
Phenanthrene
Concen: 47.19 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:178 Resp: 335446

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.6	12.3	18.5



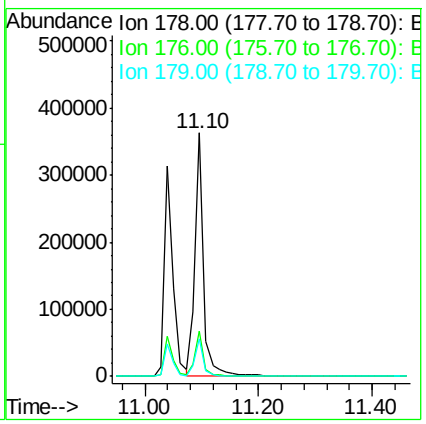


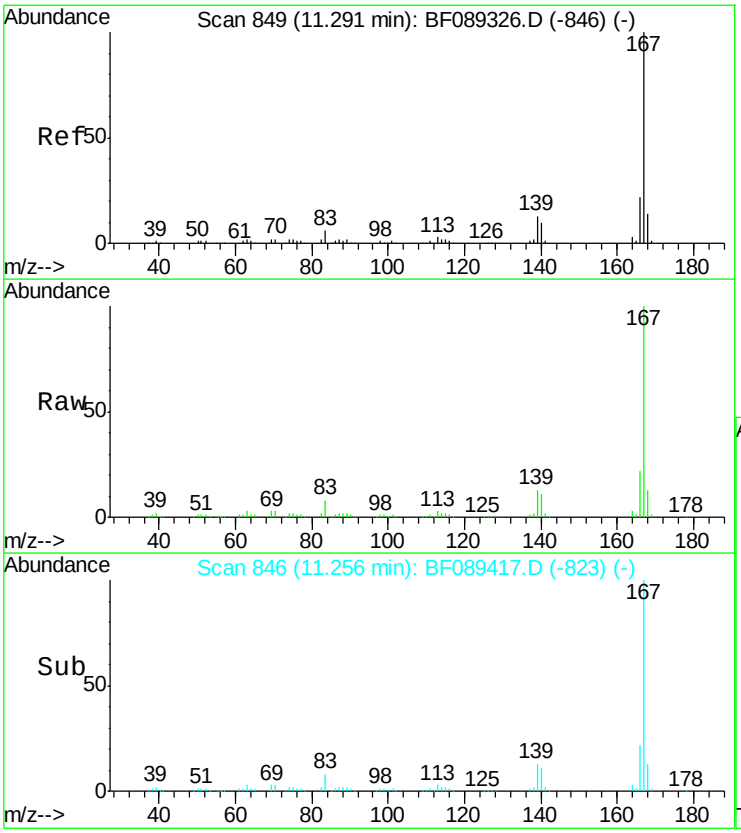
#71
Anthracene
Concen: 48.95 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:178 Resp: 386858

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.4	12.6	18.8

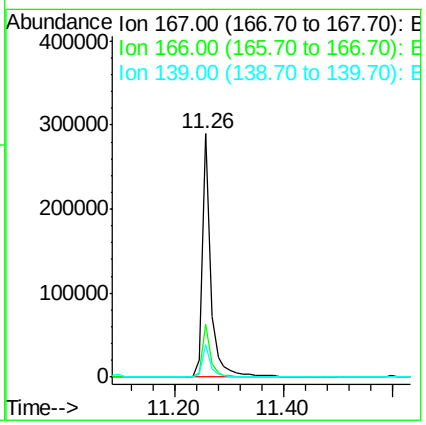


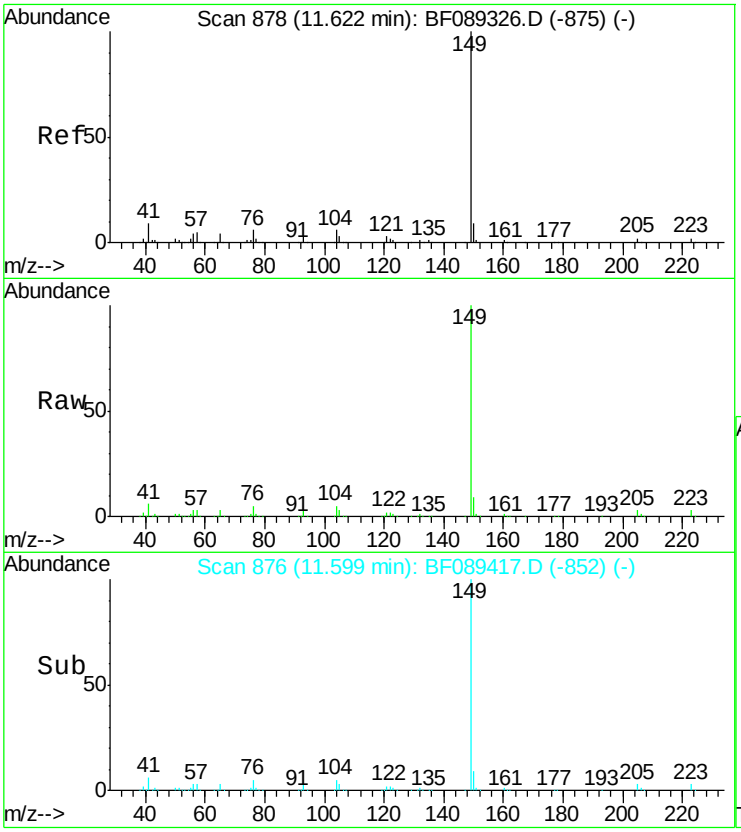


#72
Carbazole
Concen: 46.70 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:167 Resp: 310671

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.5	10.1	15.1



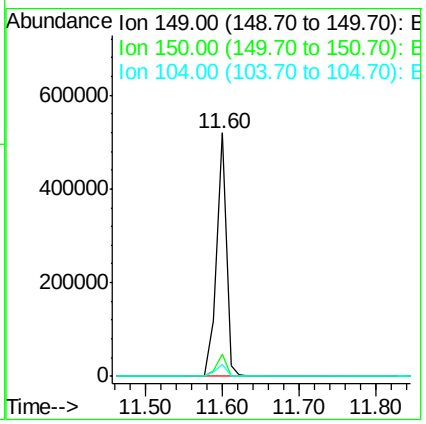


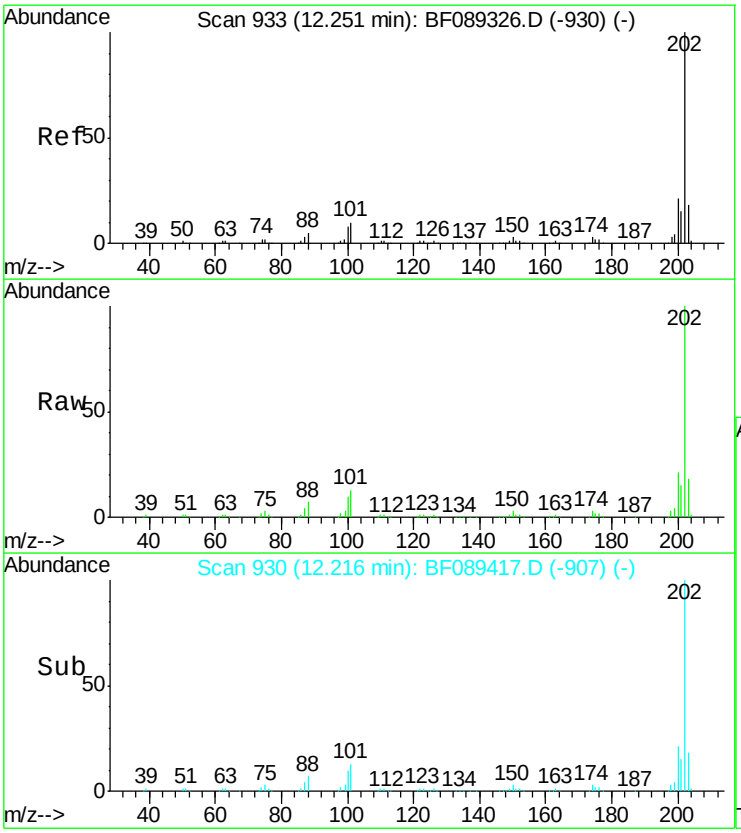
#73
Di-n-butylphthalate
Concen: 51.39 ng
RT: 11.60 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:149 Resp: 458692

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.1	4.7	7.1

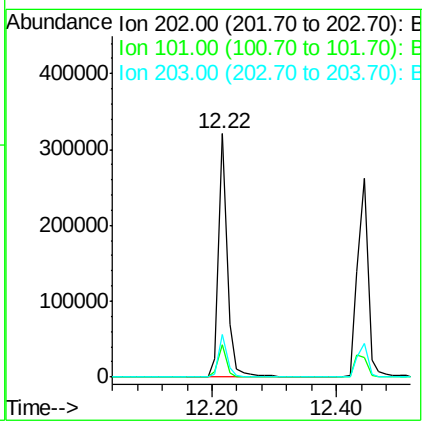


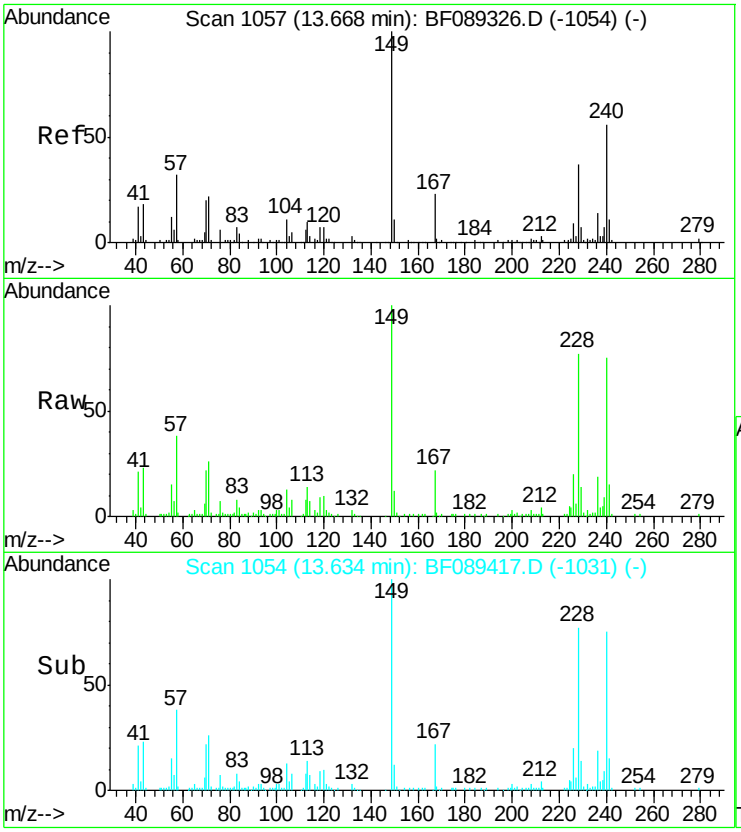


#74
Fluoranthene
Concen: 41.18 ng
RT: 12.22 min Scan# 930
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:202 Resp: 307894

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	29.9
203	17.6	0.0	37.3



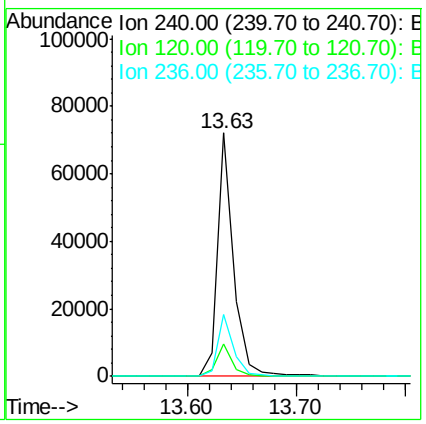


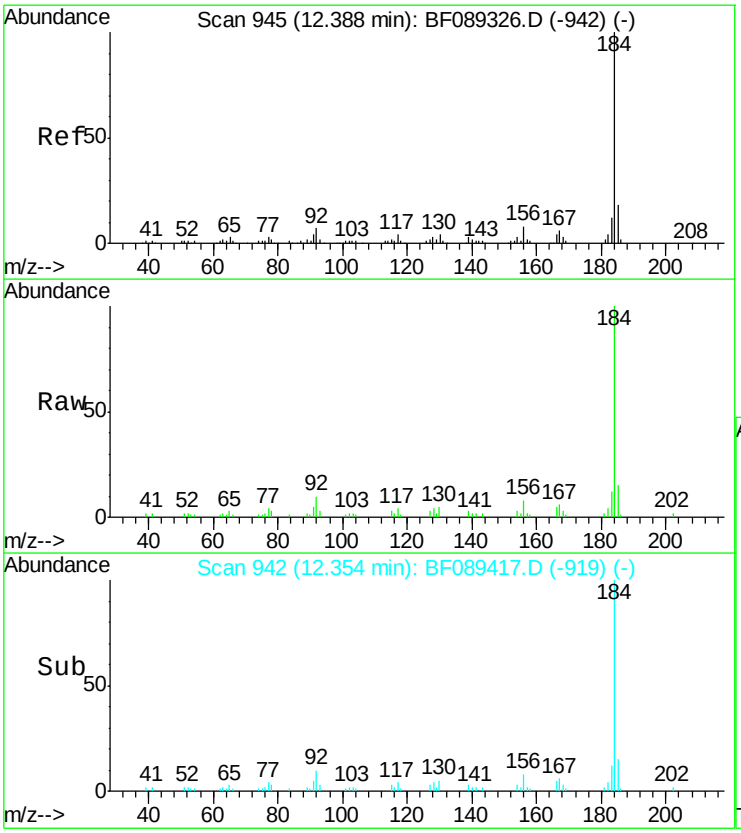
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:240 Resp: 74320

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.1	13.7
236	25.7	20.6	30.8





#76
Benzidine
Concen: 22.92 ng
RT: 12.35 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:184 Resp: 62947

Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.5	20.3
183	11.9	9.8	14.6