Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072716\
Data File : BF089339.D
Acq On : 27 Jul 2016 20:17
Operator : UM/SJ
Sample : H4176-14MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-34-6.5-7.5MSD

Quant Time: Jul 28 01:03:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:12:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	44714	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	192602	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	93393	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	177200	20.00	ng		0.00
75) Chrysene-d12	13.67	240	130142	20.00	ng		0.00
86) Perylene-d12	15.01	264	102354	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	405623	144.85	ng		0.02
7) Phenol-d6	6.20	99	532827	143.98	ng		0.00
23) Nitrobenzene-d5	7.12	82	336854	103.23	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	107428	138.89	ng		0.00
44) 2-Fluorobiphenyl	8.91	172	627305	98.57	ng		0.00
78) Terphenyl-d14	12.63	244	511547	92.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	49664	39.06	ng	#	93
3) Pyridine	2.63	79	113306	41.35	ng		97
4) n-Nitrosodimethylamine	2.60	42	52266	46.60	ng		95
6) Aniline	6.22	93	130413	32.64	ng	#	44
8) 2-Chlorophenol	6.33	128	154609	48.81	ng		94
9) Benzaldehyde	6.09	77	20425	11.30	ng		95
10) Phenol	6.23	94	191484	46.89	ng		87
11) bis(2-Chloroethyl)ether	6.30	93	154491	44.53	ng		97
12) 1,3-Dichlorobenzene	6.48	146	150398	45.39	ng		100
13) 1,4-Dichlorobenzene	6.56	146	163573	44.73	ng		99
14) 1,2-Dichlorobenzene	6.72	146	146820	42.86	ng		99
15) Benzyl Alcohol	6.71	79	129753	56.50	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	170468	45.04	ng		82
17) 2-Methylphenol	6.83	107	118246	48.30	ng		96
18) Hexachloroethane	7.05	117	61816	44.09	ng		97
19) n-Nitroso-di-n-propylamine	6.98	70	117712	52.75	ng		95
20) 3+4-Methylphenols	6.99	107	158174	50.31	ng	#	86
22) Acetophenone	6.97	105	223519	48.75	ng		99
24) Nitrobenzene	7.14	77	159025	42.82	ng		99
25) Isophorone	7.38	82	309876	47.14	ng		99
26) 2-Nitrophenol	7.46	139	77057	46.41	ng		99
27) 2,4-Dimethylphenol	7.51	122	126719	47.91	ng		98
28) bis(2-Chloroethoxy)methane	7.60	93	185491	50.98	ng		99
29) 2,4-Dichlorophenol	7.70	162	128494	53.31	ng		98
30) 1,2,4-Trichlorobenzene	7.78	180	130224	47.35	ng		97
31) Naphthalene	7.85	128	459316	48.16	ng		100
32) Benzoic acid	7.64	122	23008	12.48	ng		94
33) 4-Chloroaniline	7.92	127	70835	19.51	ng		98
34) Hexachlorobutadiene	7.98	225	71421	45.35	ng		98
35) Caprolactam	8.30	113	20728	28.49	ng		99
36) 4-Chloro-3-methylphenol	8.42	107	148046	51.68	ng		95
37) 2-Methylnaphthalene	8.55	142	285973	49.76	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	119284	36.50	ng		99
40) Hexachlorocyclopentadiene	8.70	237	93005	97.62	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072716\
Data File : BF089339.D
Acq On : 27 Jul 2016 20:17
Operator : UM/SJ
Sample : H4176-14MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-34-6.5-7.5MSD

Quant Time: Jul 28 01:03:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:12:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	79209	50.98	ng		99
43) 2,4,5-Trichlorophenol	8.88	196	94538	48.03	ng	#	91
45) 1,1'-Biphenyl	9.00	154	336343	42.30	ng		100
46) 2-Chloronaphthalene	9.03	162	266239	44.58	ng		98
47) 2-Nitroaniline	9.14	65	90629	51.25	ng		96
48) Acenaphthylene	9.44	152	436901	46.45	ng		99
49) Dimethylphthalate	9.32	163	465645	65.51	ng		99
50) 2,6-Dinitrotoluene	9.38	165	70178	48.05	ng	#	75
51) Acenaphthene	9.61	154	261657	47.63	ng		100
52) 3-Nitroaniline	9.55	138	44389	28.80	ng		94
53) 2,4-Dinitrophenol	9.67	184	35374	60.46	ng		90
54) Dibenzofuran	9.78	168	379187	50.66	ng		97
55) 4-Nitrophenol	9.78	139	262033	328.29	ng	#	10
56) 2,4-Dinitrotoluene	9.79	165	93500	48.63	ng	#	63
57) Fluorene	10.12	166	317050	48.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	71176	54.16	ng	#	95
59) Diethylphthalate	10.02	149	354615	49.21	ng		96
60) 4-Chlorophenyl-phenylether	10.12	204	137010	45.71	ng		99
61) 4-Nitroaniline	10.17	138	73575	46.31	ng		89
62) Azobenzene	10.28	77	364958	49.18	ng		84
64) 4,6-Dinitro-2-methylphenol	10.19	198	44588	42.26	ng	#	63
65) n-Nitrosodiphenylamine	10.25	169	265577	48.03	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	83785	49.52	ng		92
67) Hexachlorobenzene	10.66	284	76233	43.97	ng		94
68) Atrazine	10.78	200	76679	45.14	ng		97
69) Pentachlorophenol	10.87	266	78896	92.87	ng		99
70) Phenanthrene	11.07	178	437722	47.90	ng		100
71) Anthracene	11.13	178	472680	46.52	ng		99
72) Carbazole	11.29	167	423068	49.46	ng		99
73) Di-n-butylphthalate	11.62	149	519252	45.25	ng		100
74) Fluoranthene	12.25	202	460924	47.95	ng		97
76) Benzidine	12.39	184	177070	36.82	ng		96
77) Pyrene	12.48	202	456915	46.33	ng		100
79) Butylbenzylphthalate	13.11	149	212531	47.39	ng		93
80) Benzo(a)anthracene	13.66	228	335802	45.72	ng		98
81) 3,3'-Dichlorobenzidine	13.63	252	68639	25.97	ng		97
82) Chrysene	13.69	228	342653	43.83	ng		100
83) Bis(2-ethylhexyl)phthalate	13.67	149	297733	45.93	ng		100
84) Di-n-octyl phthalate	14.29	149	499479	49.38	ng		99
85) Indeno(1,2,3-cd)pyrene	16.21	276	253700	45.64	ng		99
87) Benzo(b)fluoranthene	14.65	252	574957	90.45	ng		98
88) Benzo(k)fluoranthene	14.65	252	575259	98.44	ng		99
89) Benzo(a)pyrene	14.96	252	271408	47.60	ng	#	94
90) Dibenzo(a,h)anthracene	16.22	278	214940	47.85	ng		95
91) Benzo(g,h,i)perylene	16.56	276	212109	48.04	ng		96

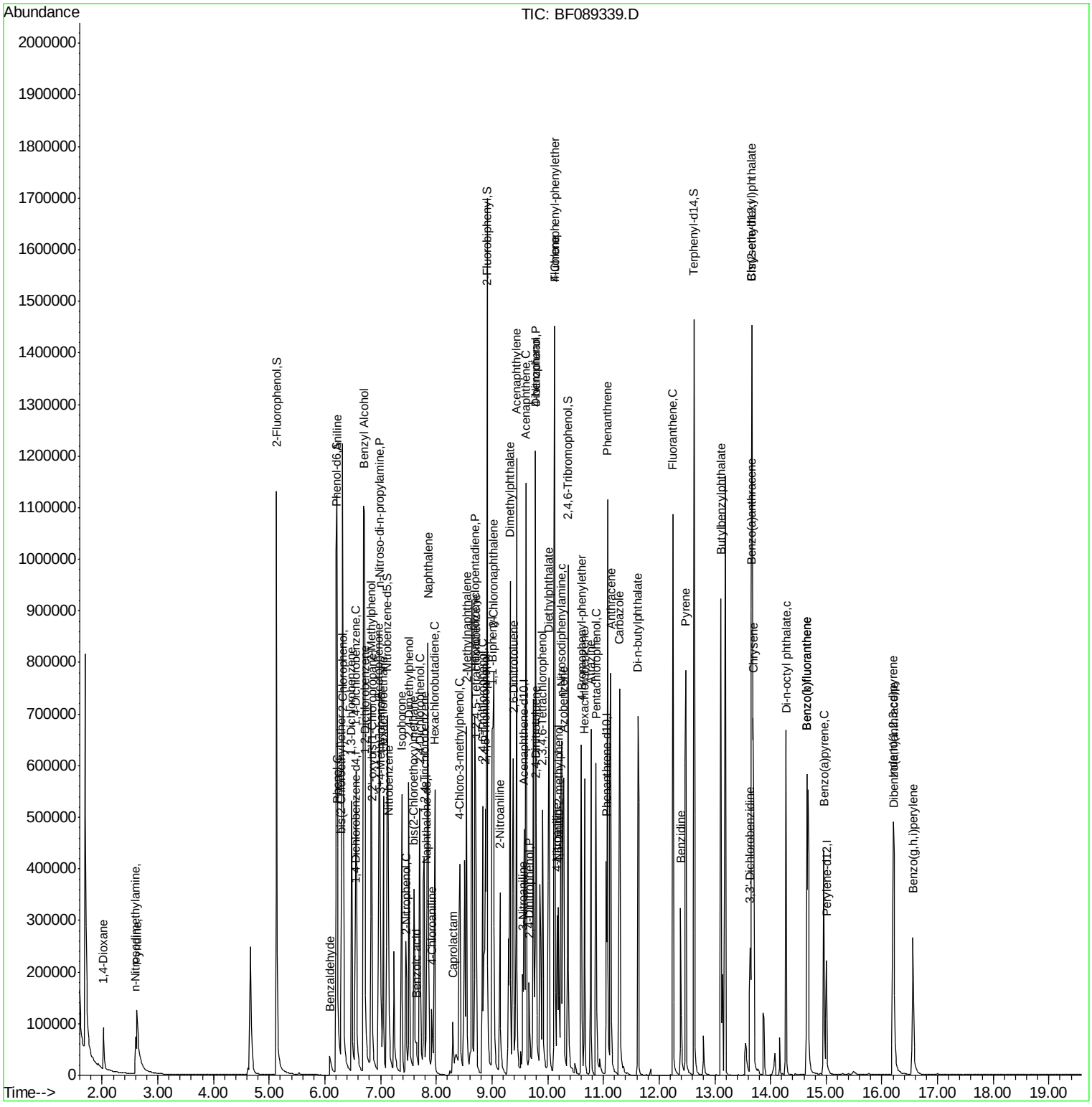
(#) = qualifier out of range (m) = manual integration (+) = signals summed

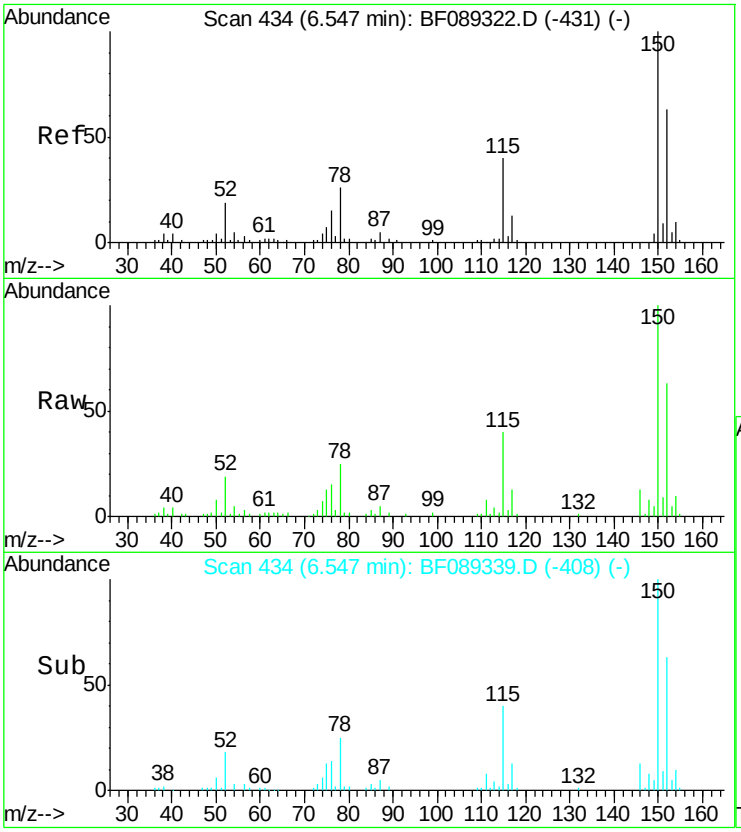
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072716\
Data File : BF089339.D
Acq On : 27 Jul 2016 20:17
Operator : UM/SJ
Sample : H4176-14MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Quant Time: Jul 28 01:03:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:12:17 2016
Response via : Initial Calibration



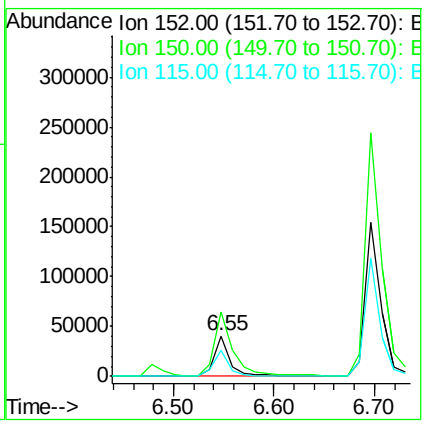


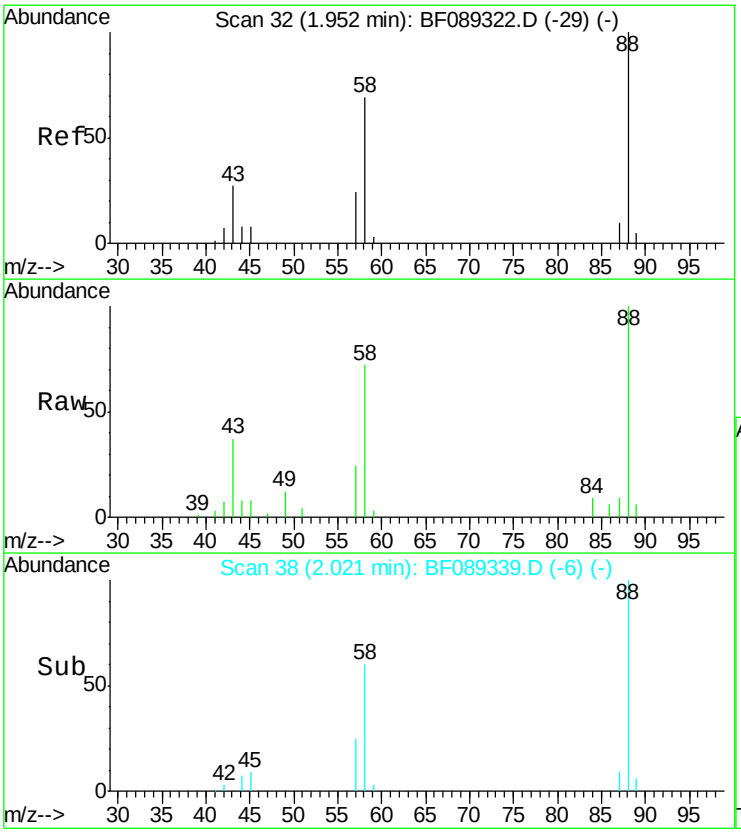
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:152 Resp: 44714

Ion	Ratio	Lower	Upper
152	100		
150	158.6	129.5	194.3
115	64.0	51.4	77.2

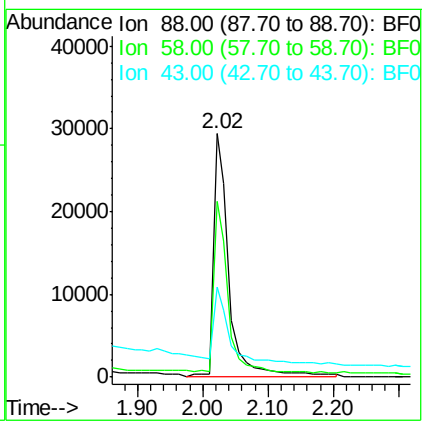


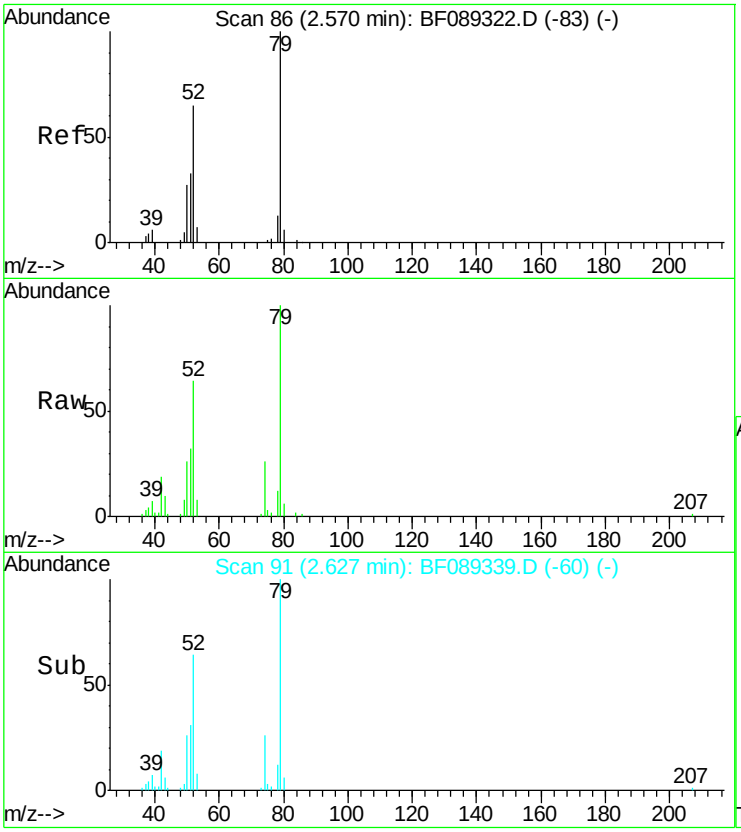


#2
1,4-Dioxane
Concen: 39.06 ng
RT: 2.02 min Scan# 38
Delta R.T. 0.07 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion: 88 Resp: 49664

Ion	Ratio	Lower	Upper
88	100		
58	63.8	53.2	79.8
43	33.5	20.6	31.0#



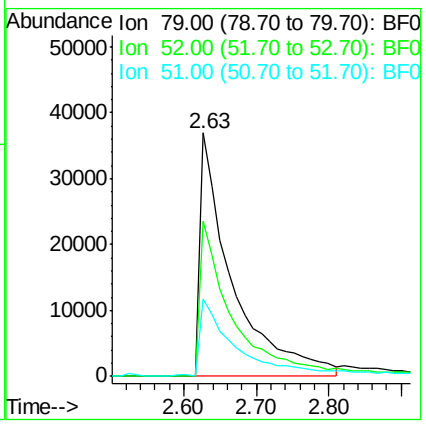


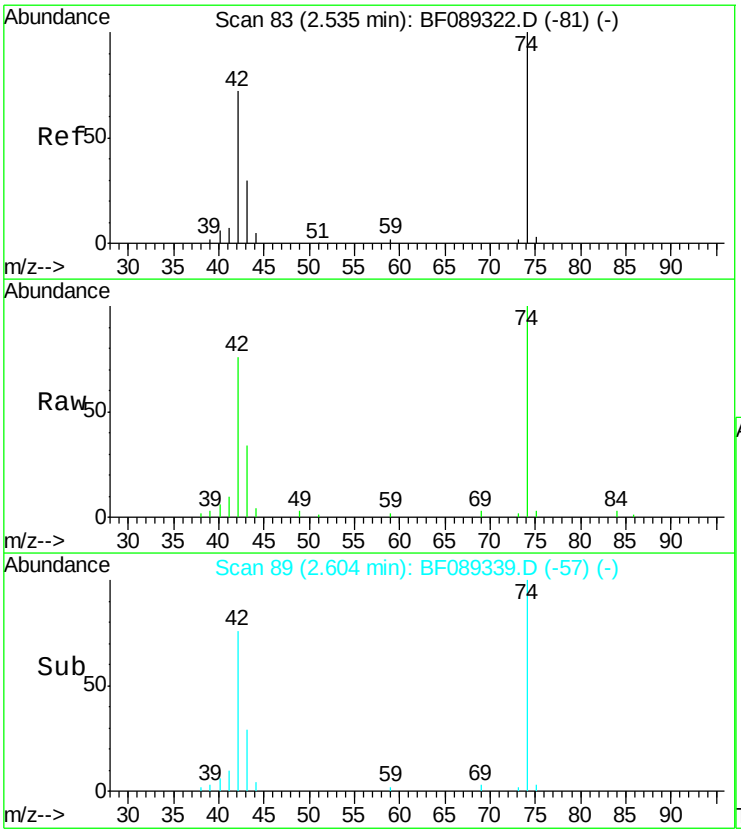
#3
Pyridine
Concen: 41.35 ng
RT: 2.63 min Scan# 91
Delta R.T. 0.06 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion: 79 Resp: 113306

Ion	Ratio	Lower	Upper
79	100		
52	64.0	51.9	77.9
51	31.8	28.2	42.4

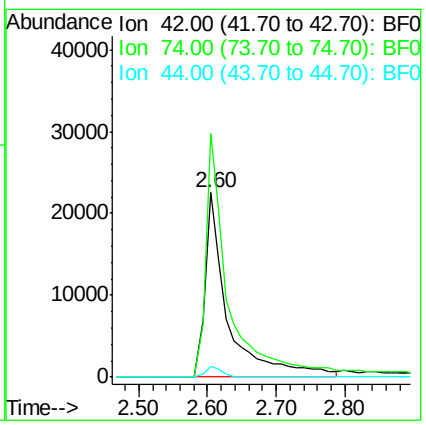


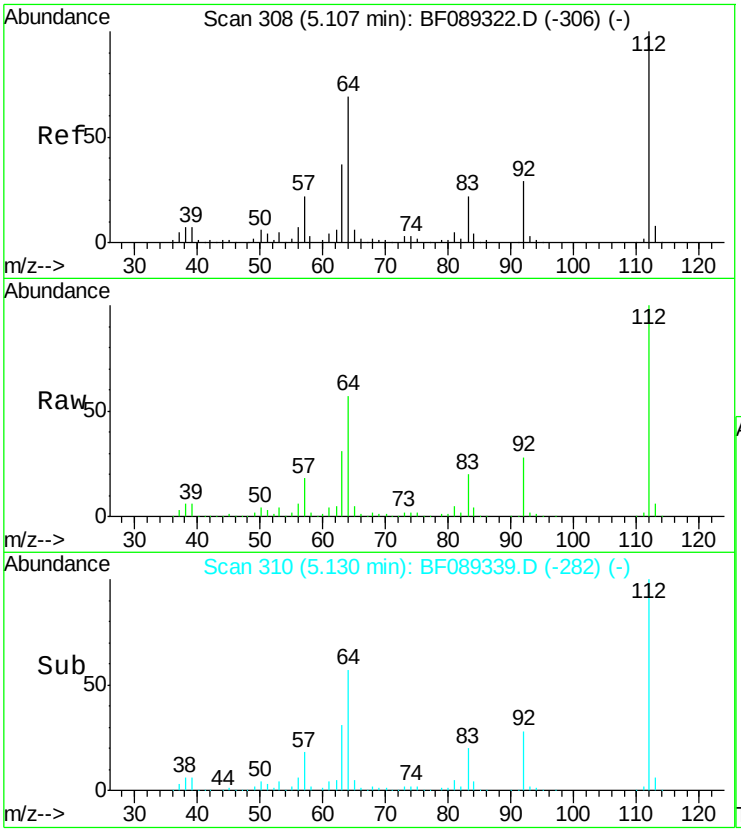


#4
n-Nitrosodimethylamine
Concen: 46.60 ng
RT: 2.60 min Scan# 89
Delta R.T. 0.07 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion: 42 Resp: 52266

Ion	Ratio	Lower	Upper
42	100		
74	132.0	110.8	166.2
44	5.8	5.2	7.8



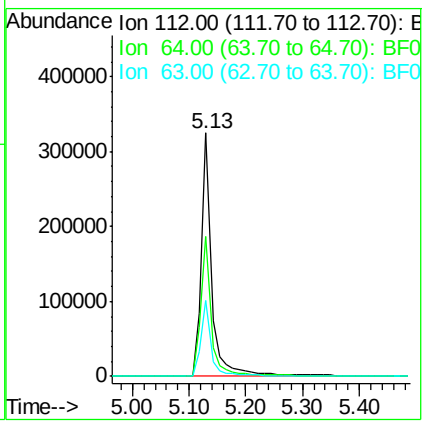


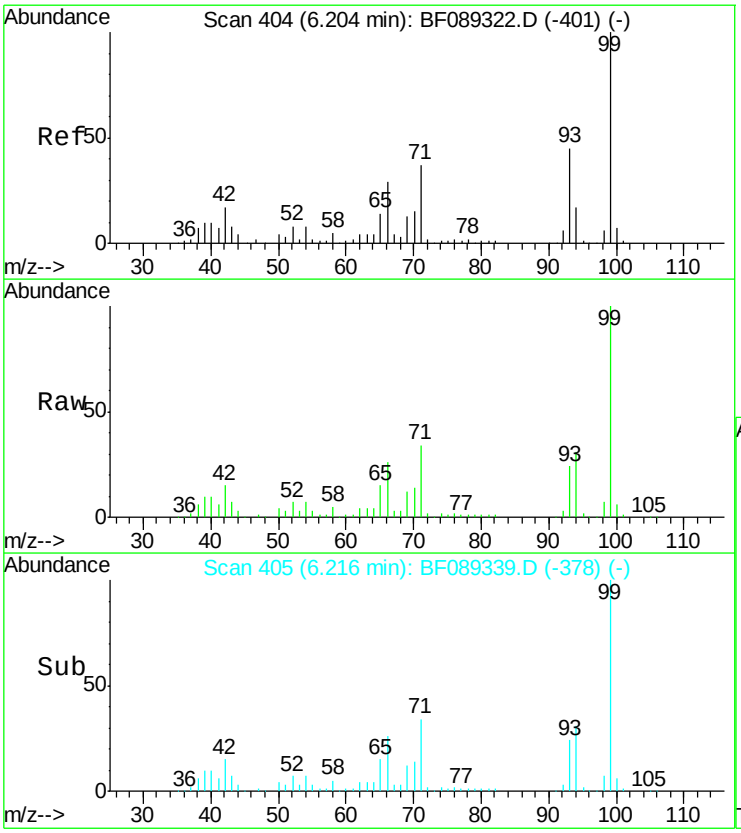
#5
2-Fluorophenol
Concen: 144.85 ng
RT: 5.13 min Scan# 310
Delta R.T. 0.02 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:112 Resp: 405623

Ion	Ratio	Lower	Upper
112	100		
64	57.4	55.0	82.6
63	31.3	29.4	44.2

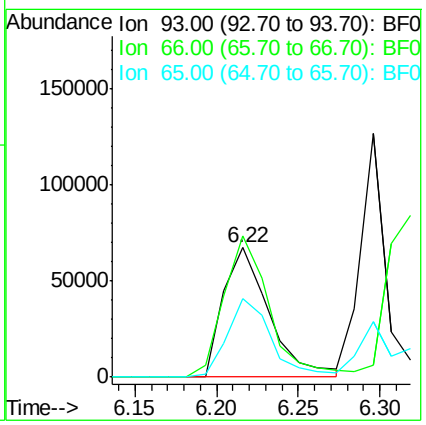


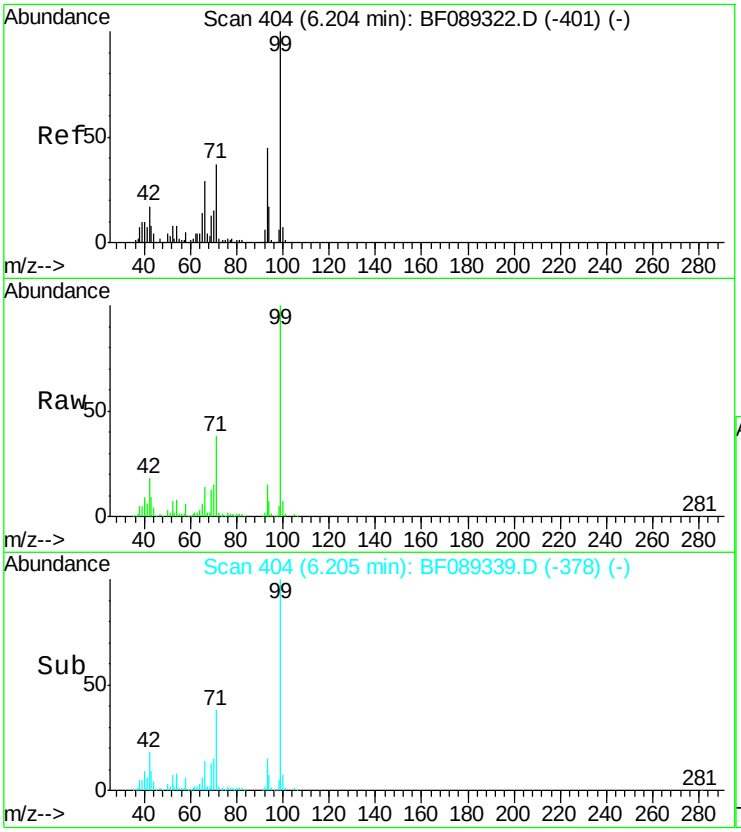


#6
Aniline
Concen: 32.64 ng
RT: 6.22 min Scan# 405
Delta R.T. 0.01 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion: 93 Resp: 130413

Ion	Ratio	Lower	Upper
93	100		
66	109.2	51.6	77.4#
65	60.5	24.7	37.1#



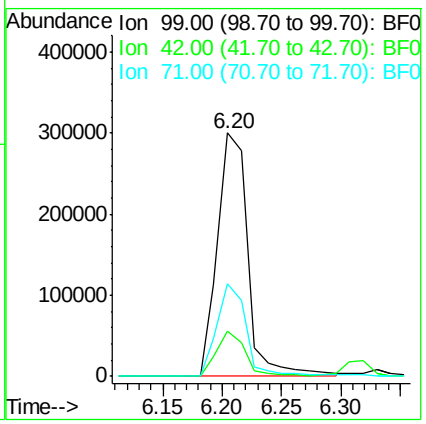


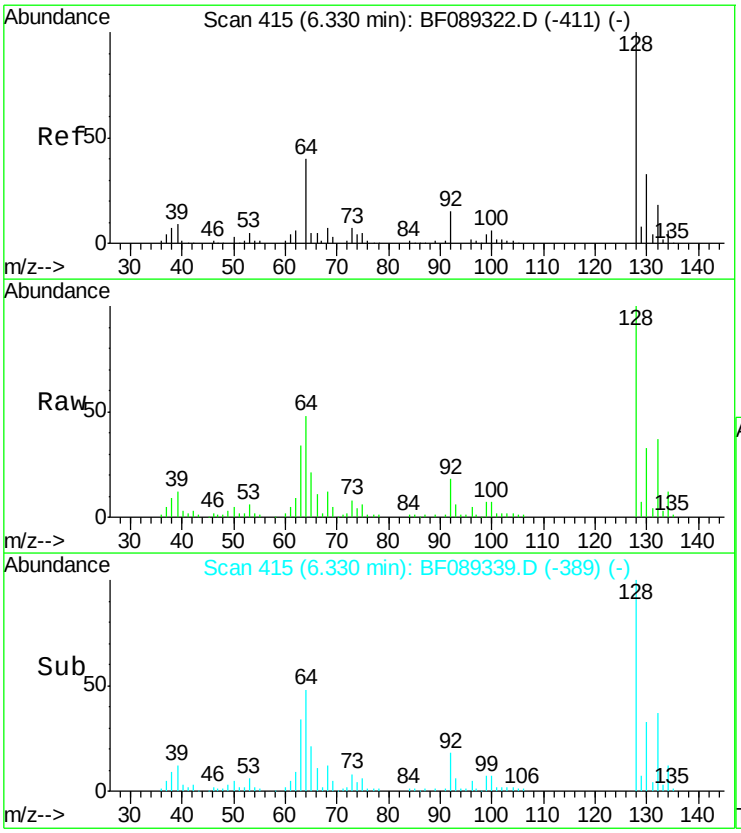
#7
Phenol-d6
Concen: 143.98 ng
RT: 6.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion: 99 Resp: 532827

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.6	20.4
71	38.2	29.4	44.2

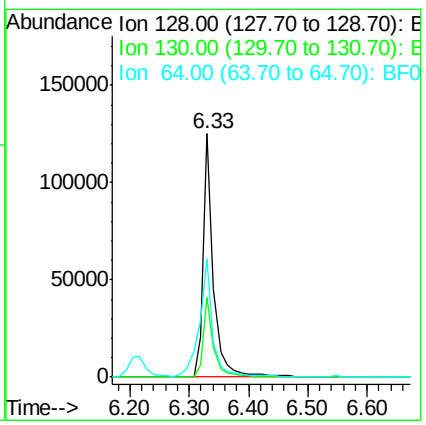


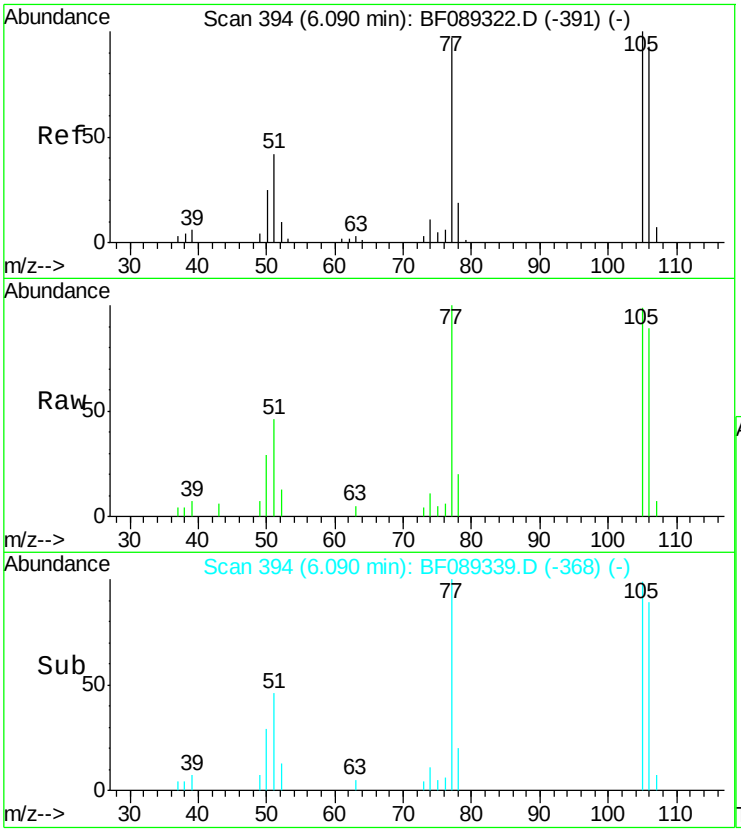


#8
2-Chlorophenol
Concen: 48.81 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:128 Resp: 154609

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	48.3	22.1	62.1



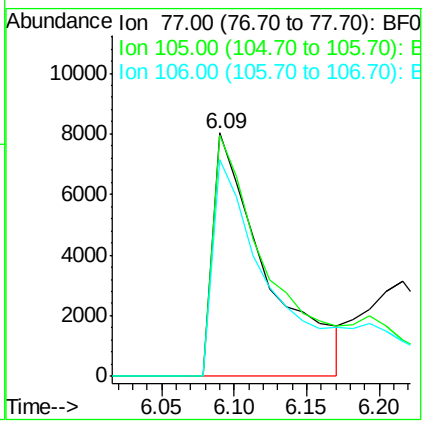


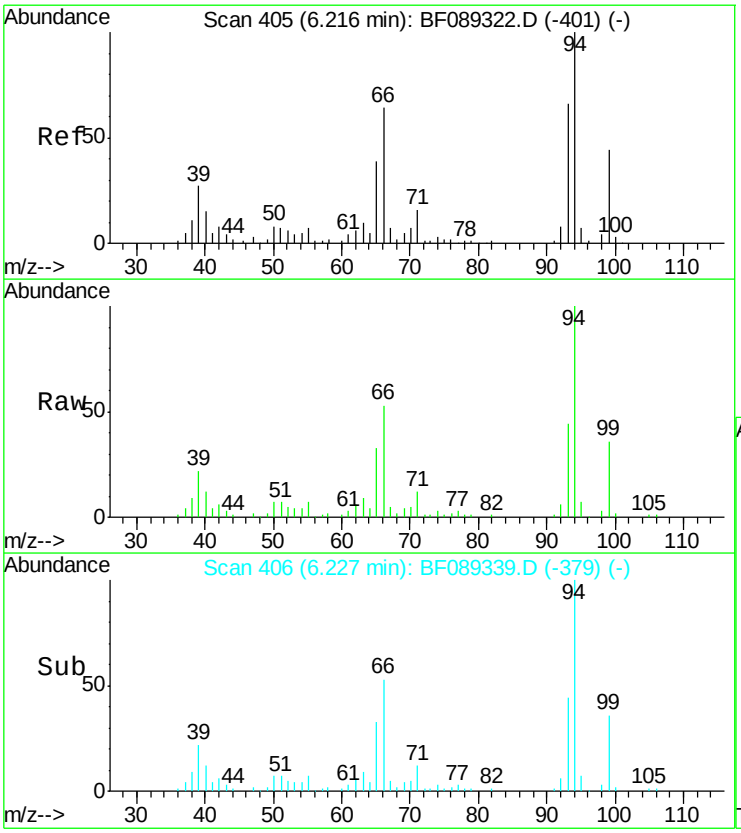
#9
Benzaldehyde
Concen: 11.30 ng
RT: 6.09 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion: 77 Resp: 20425

Ion	Ratio	Lower	Upper
77	100		
105	99.2	82.9	122.9
106	88.8	75.9	115.9

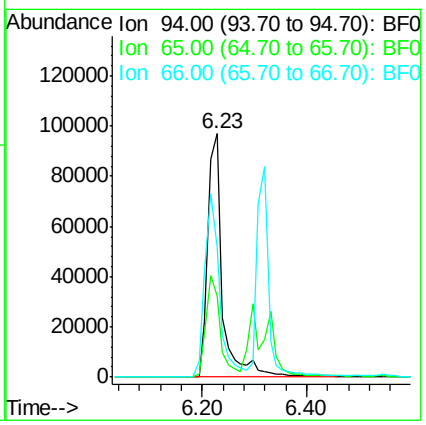


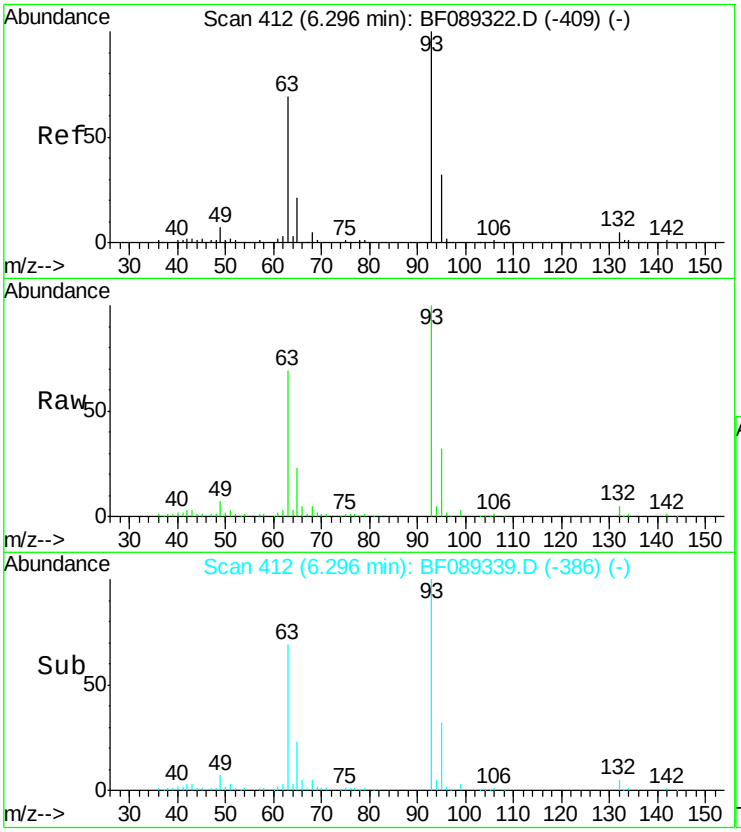


#10
Phenol
Concen: 46.89 ng
RT: 6.23 min Scan# 406
Delta R.T. 0.01 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion: 94 Resp: 191484

Ion	Ratio	Lower	Upper
94	100		
65	33.1	19.1	59.1
66	53.1	44.4	84.4



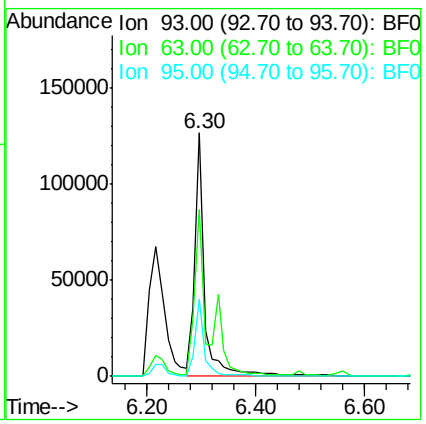


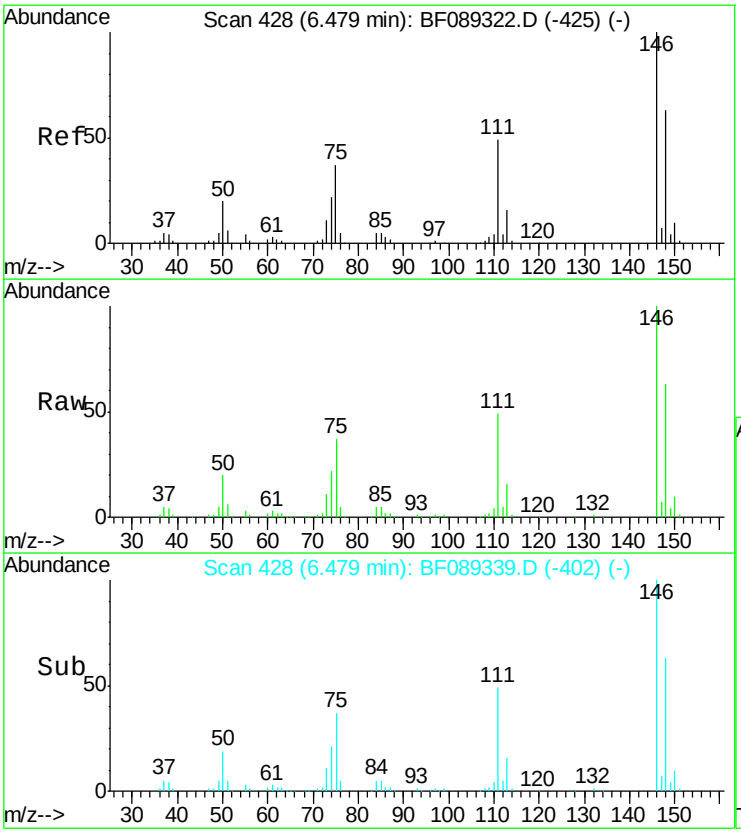
#11
bis(2-Chloroethyl)ether
Concen: 44.53 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion: 93 Resp: 154491

Ion	Ratio	Lower	Upper
93	100		
63	68.6	45.6	85.6
95	31.6	11.1	51.1

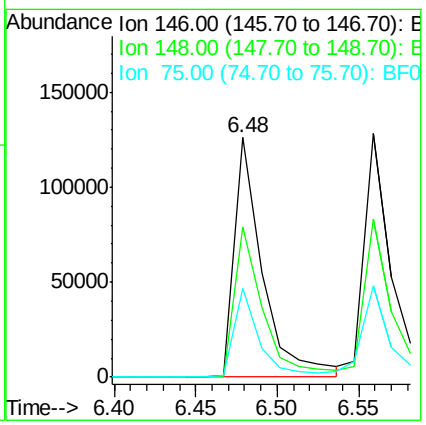


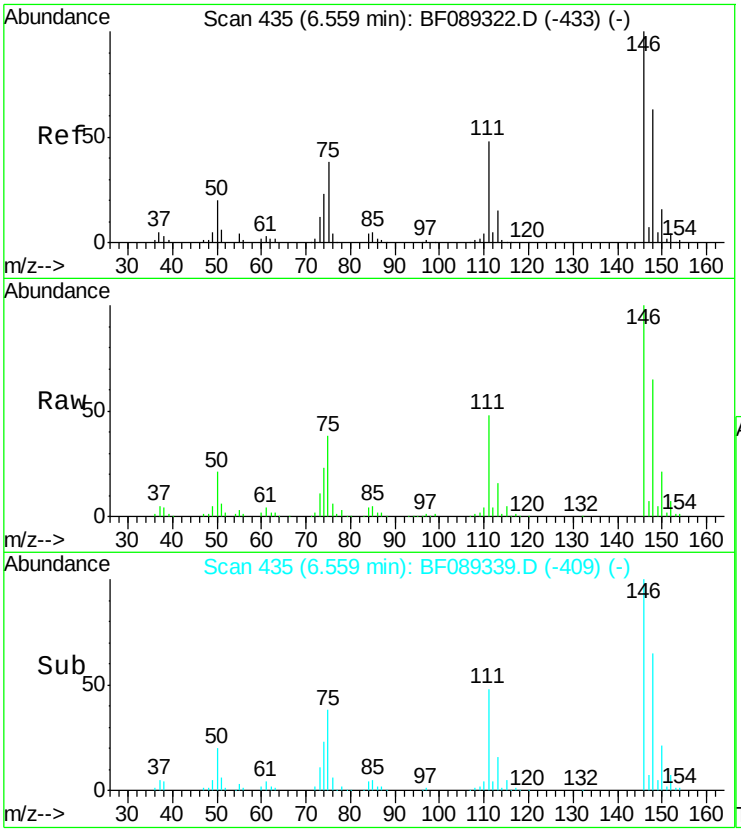


#12
1,3-Dichlorobenzene
Concen: 45.39 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:146 Resp: 150398

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.5	75.7
75	37.2	30.0	45.0



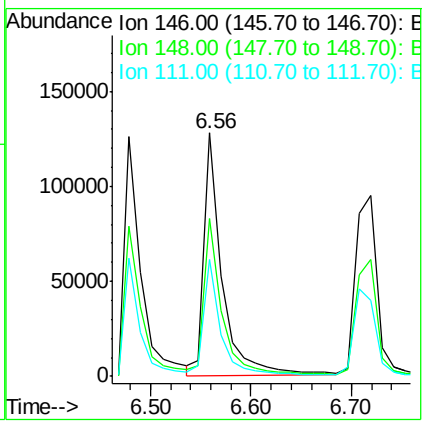


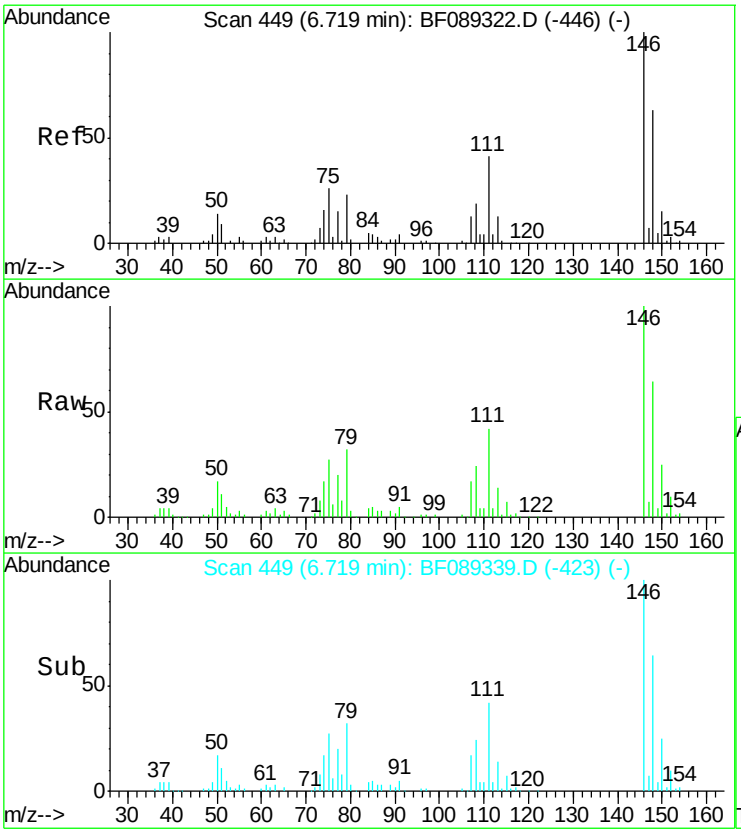
#13
1,4-Dichlorobenzene
Concen: 44.73 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:146 Resp: 163573

Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.8	76.2
111	48.2	38.6	57.8

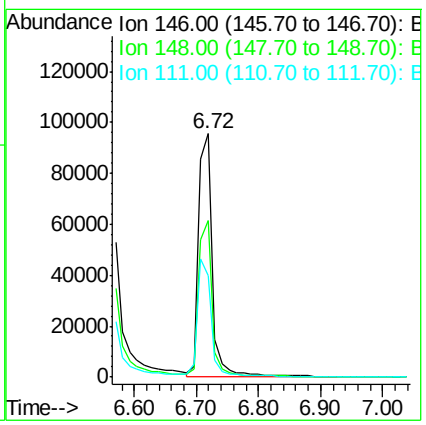


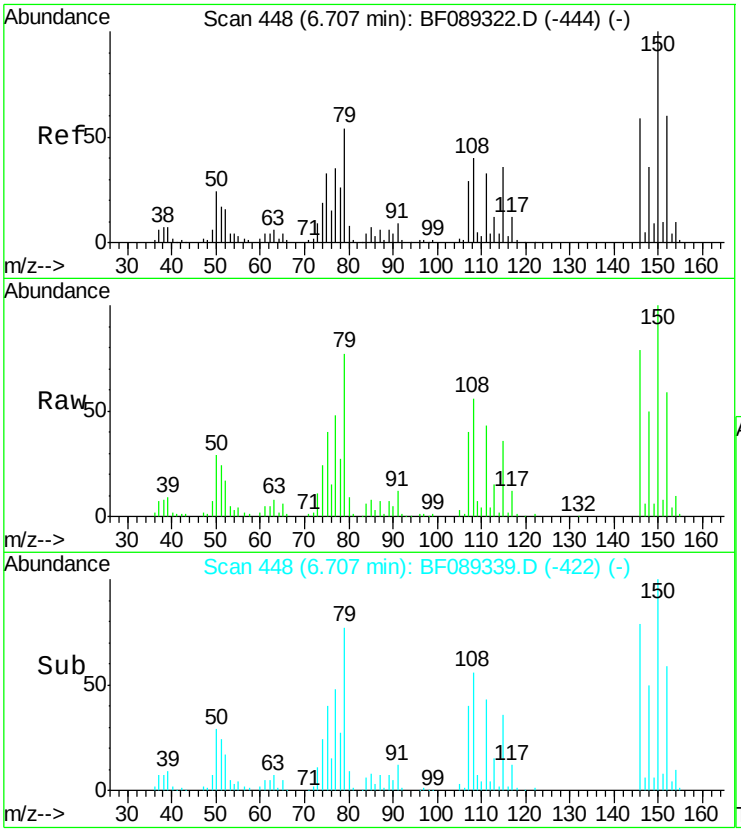


#14
1,2-Dichlorobenzene
Concen: 42.86 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:146 Resp: 146820

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	41.7	33.0	49.4



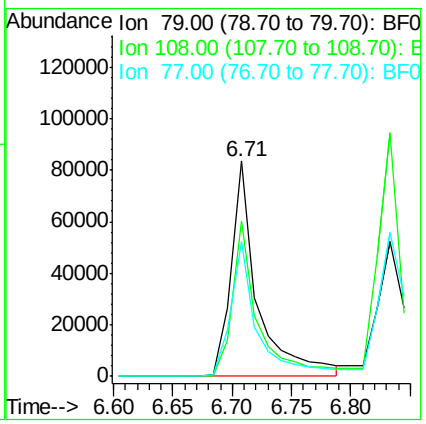


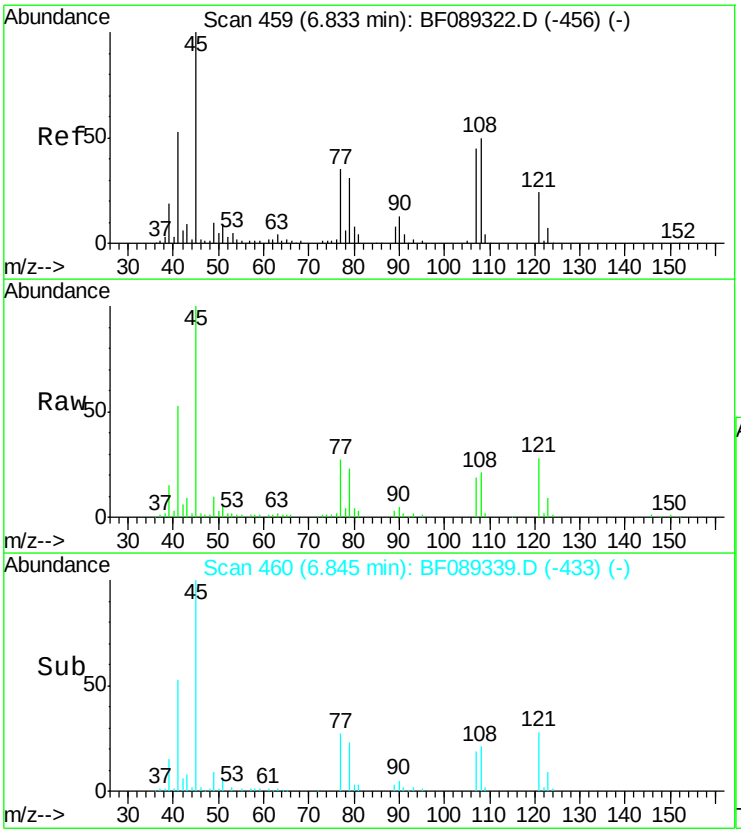
#15
Benzyl Alcohol
Concen: 56.50 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion: 79 Resp: 129753

Ion	Ratio	Lower	Upper
79	100		
108	72.4	59.8	89.6
77	62.6	51.7	77.5

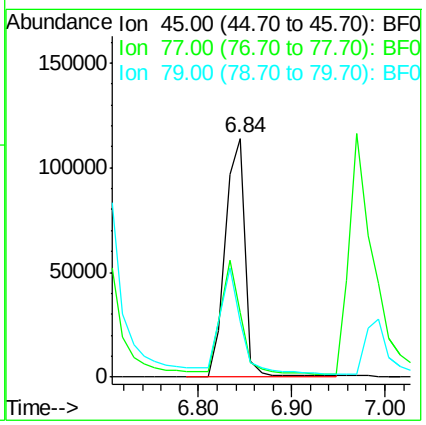


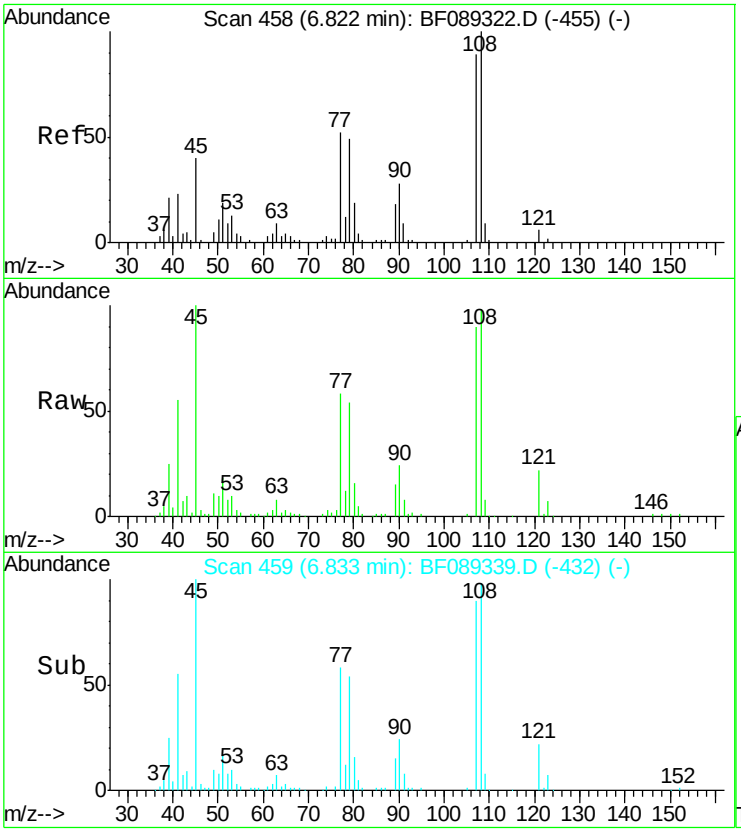


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.04 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion: 45 Resp: 170468

Ion	Ratio	Lower	Upper
45	100		
77	27.1	17.3	57.3
79	23.0	13.9	53.9



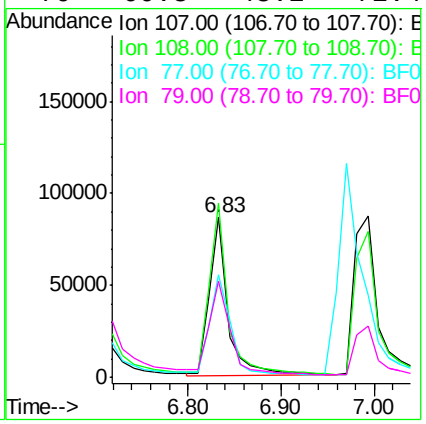


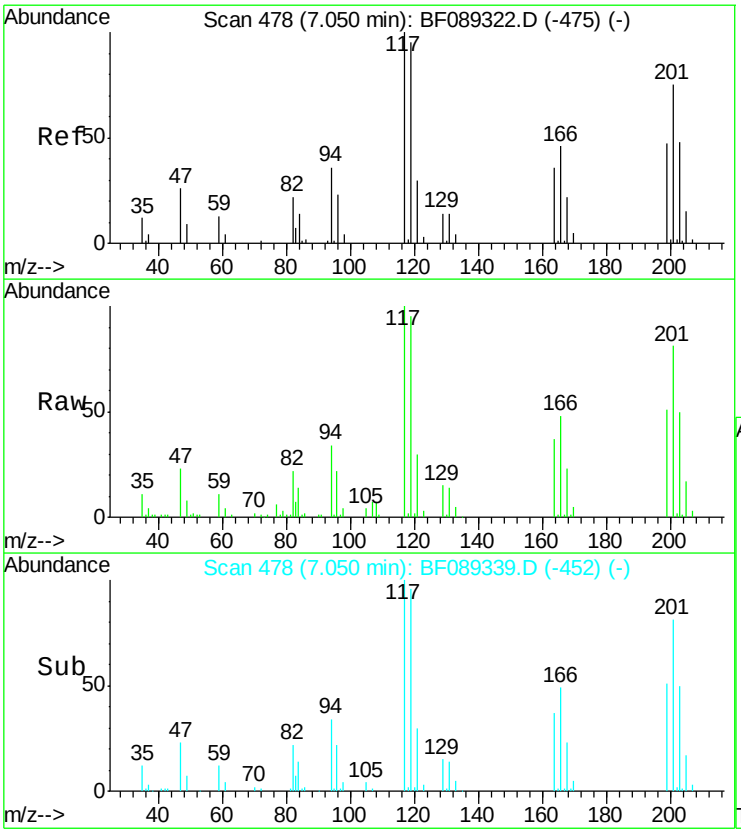
#17
2-Methylphenol
Concen: 48.30 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:107 Resp: 118246

Ion	Ratio	Lower	Upper
107	100		
108	108.6	91.4	137.0
77	64.1	48.6	73.0
79	60.3	48.2	72.4

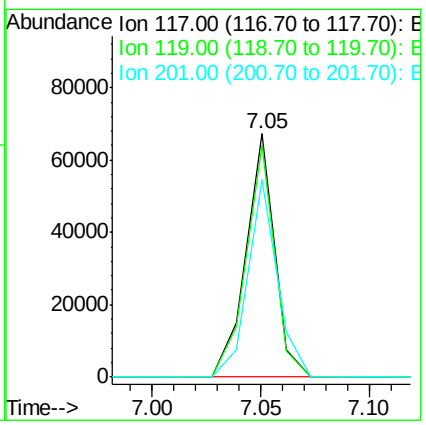


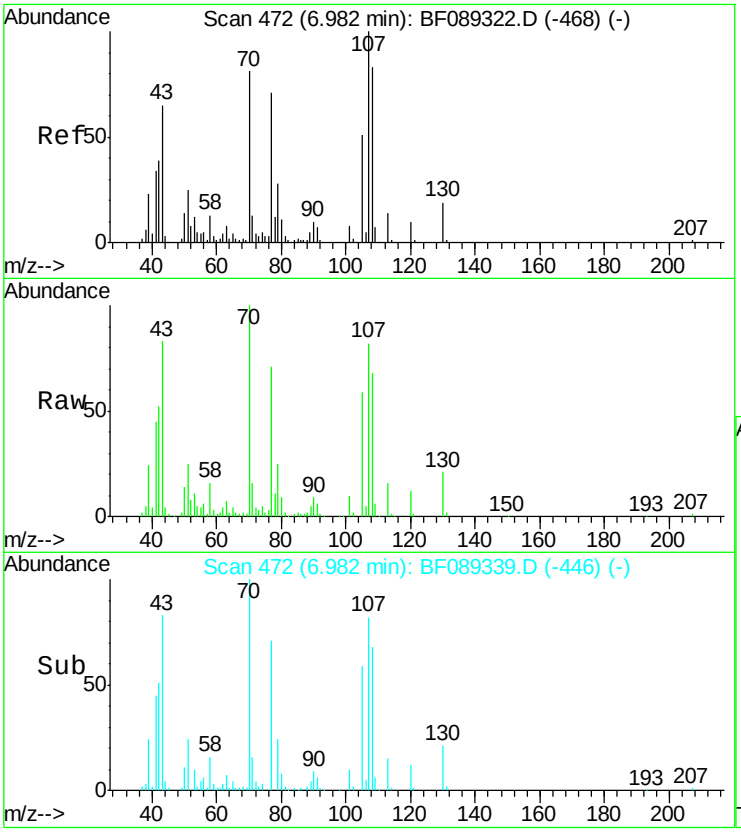


#18
Hexachloroethane
Concen: 44.09 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:117 Resp: 61816

Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.0	114.0
201	81.0	60.0	90.0



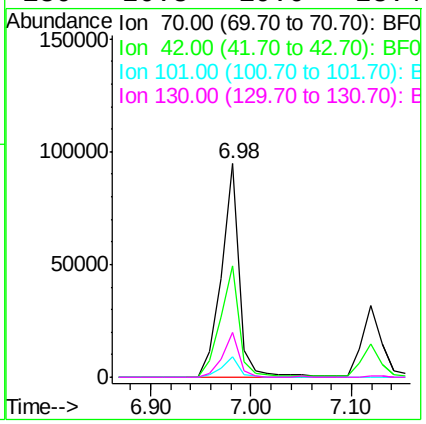


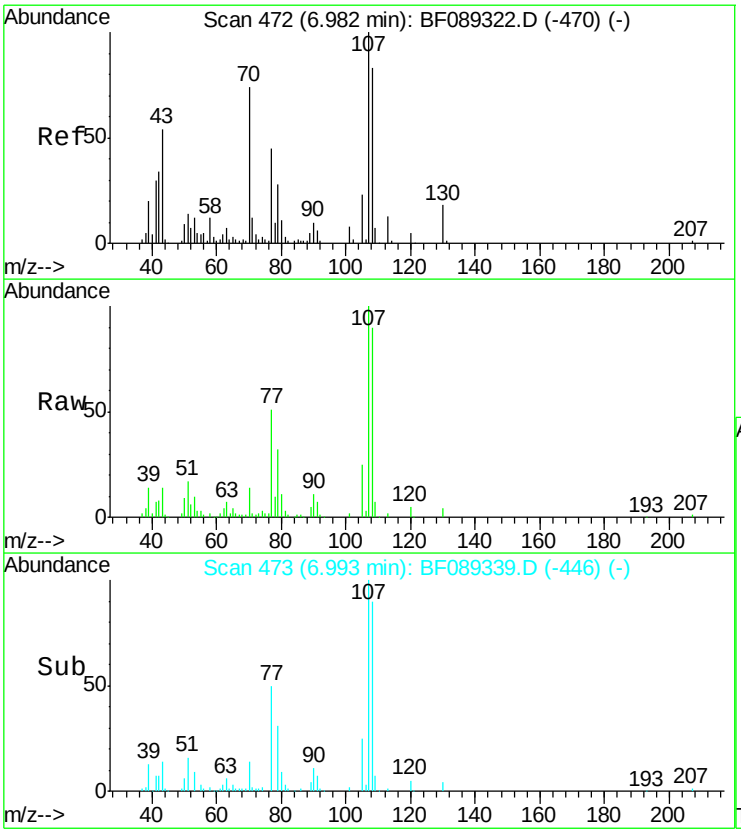
#19
n-Nitroso-di-n-propylamine
Concen: 52.75 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion: 70 Resp: 117712

Ion	Ratio	Lower	Upper
70	100		
42	52.0	38.6	57.8
101	9.6	8.3	12.5
130	20.8	19.0	28.4

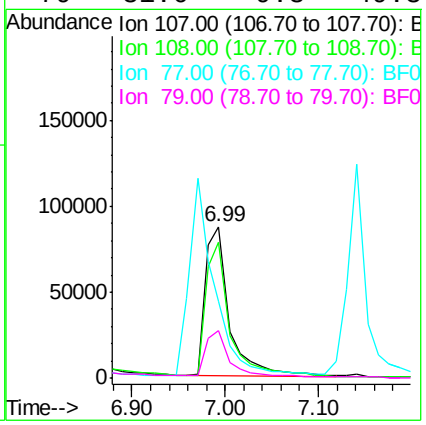


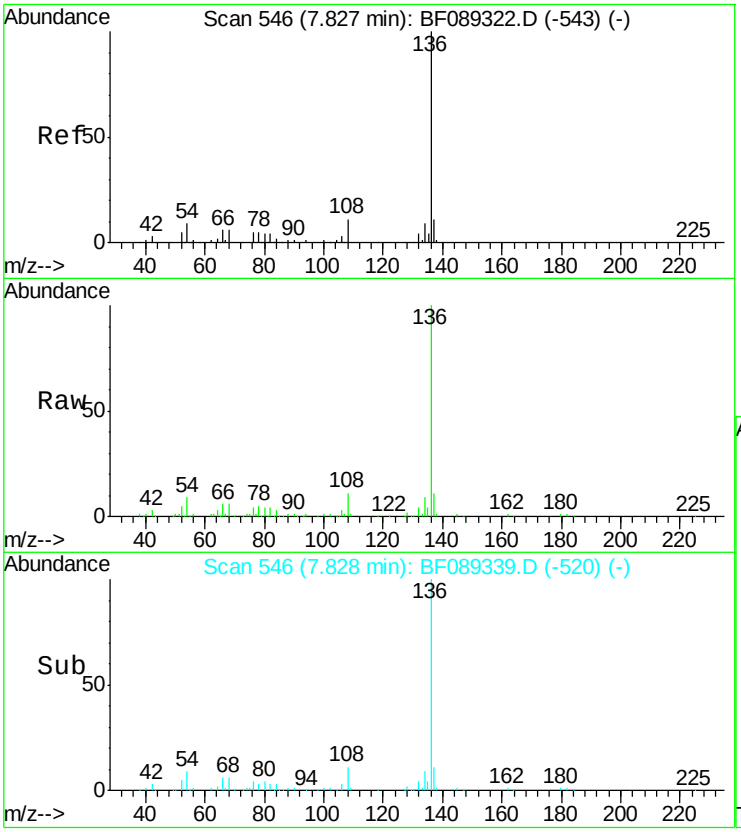


#20
3+4-Methylphenols
Concen: 50.31 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.01 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:107 Resp: 158174

Ion	Ratio	Lower	Upper
107	100		
108	90.1	63.3	103.3
77	50.9	51.1	91.1#
79	31.6	9.3	49.3



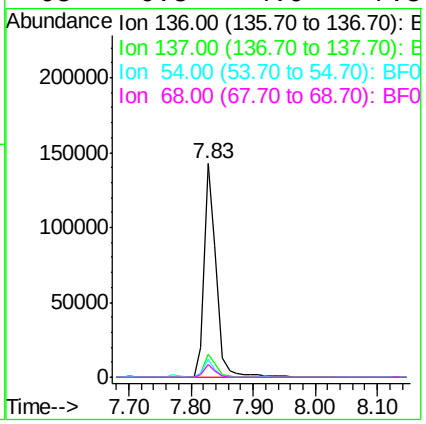


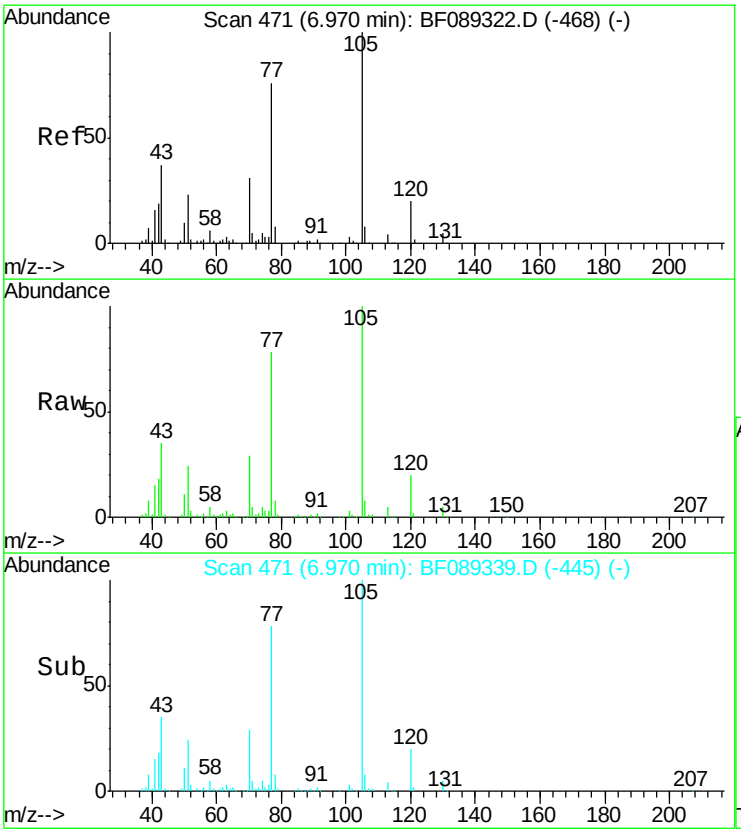
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:136 Resp: 192602

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.6	7.0	10.4
68	6.3	4.9	7.3

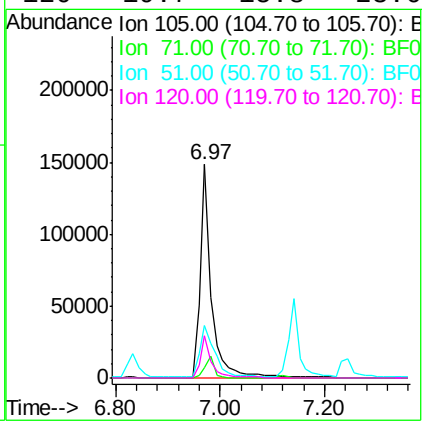


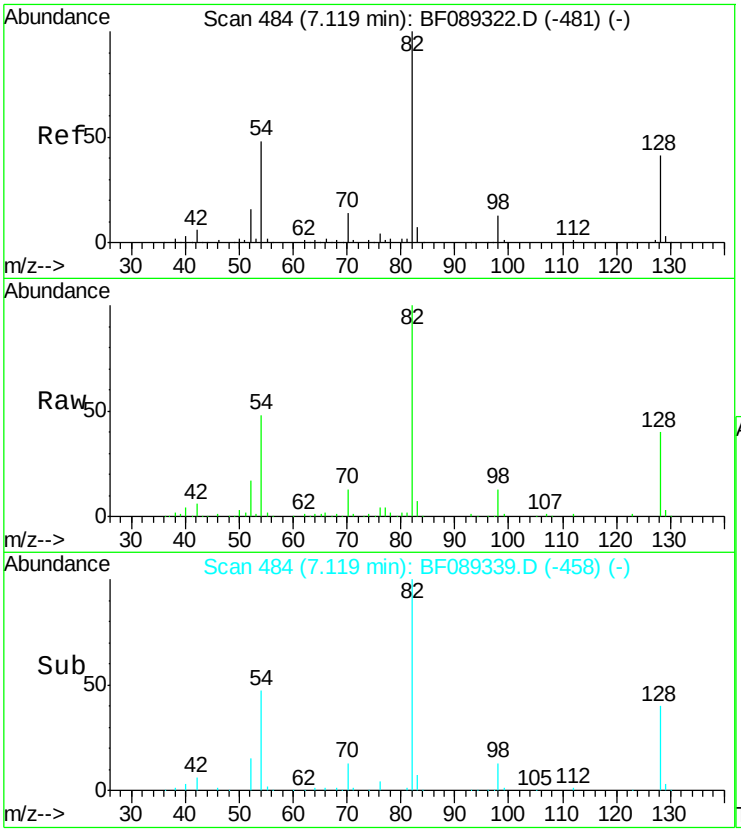


#22
Acetophenone
Concen: 48.75 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:105 Resp: 223519

Ion	Ratio	Lower	Upper
105	100		
71	4.9	4.2	6.2
51	24.5	18.7	28.1
120	19.7	15.8	23.6



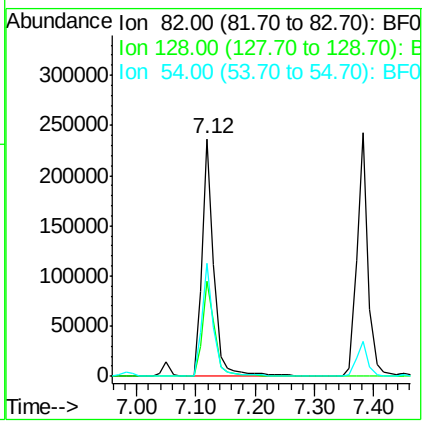


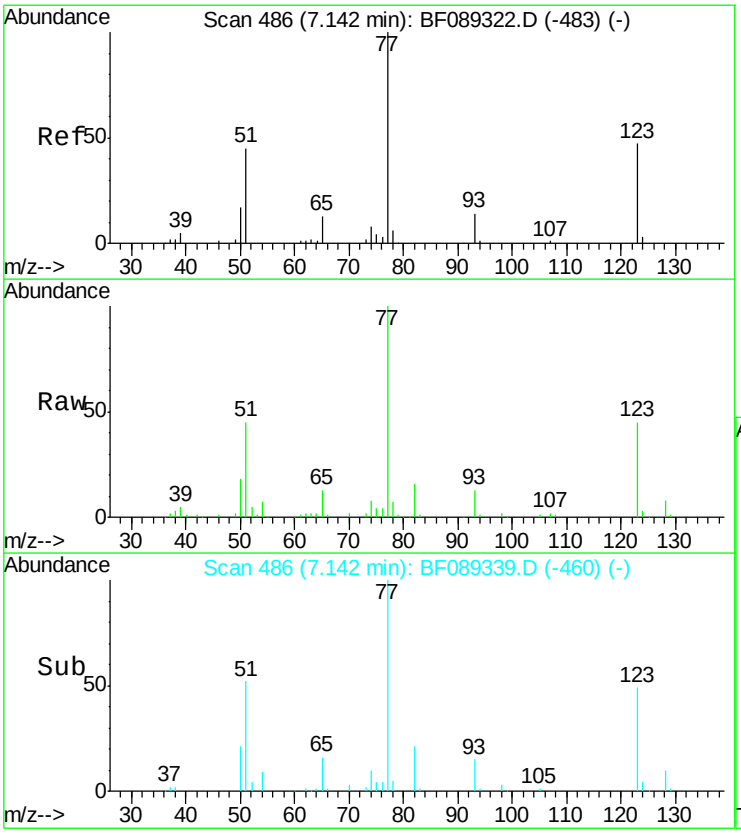
#23
Nitrobenzene-d5
Concen: 103.23 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion: 82 Resp: 336854

Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.5	48.7
54	47.7	38.8	58.2

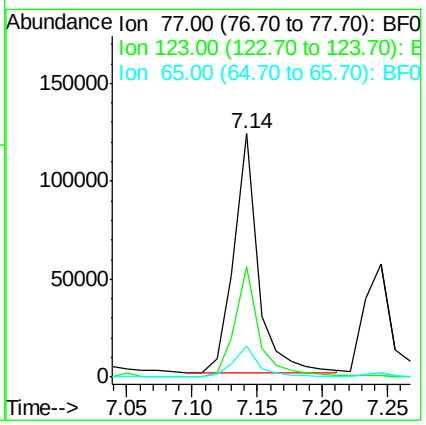


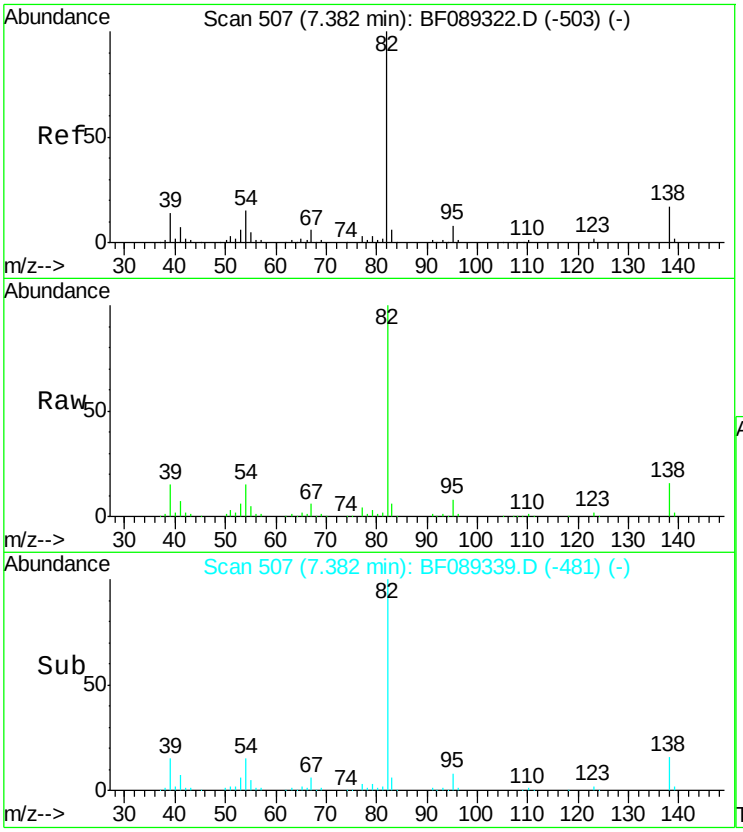


#24
Nitrobenzene
Concen: 42.82 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion: 77 Resp: 159025

Ion	Ratio	Lower	Upper
77	100		
123	45.5	37.2	55.8
65	12.6	10.2	15.4



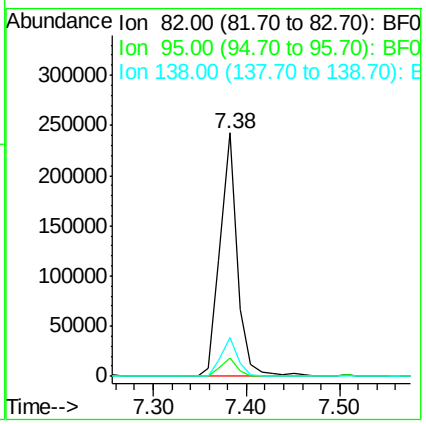


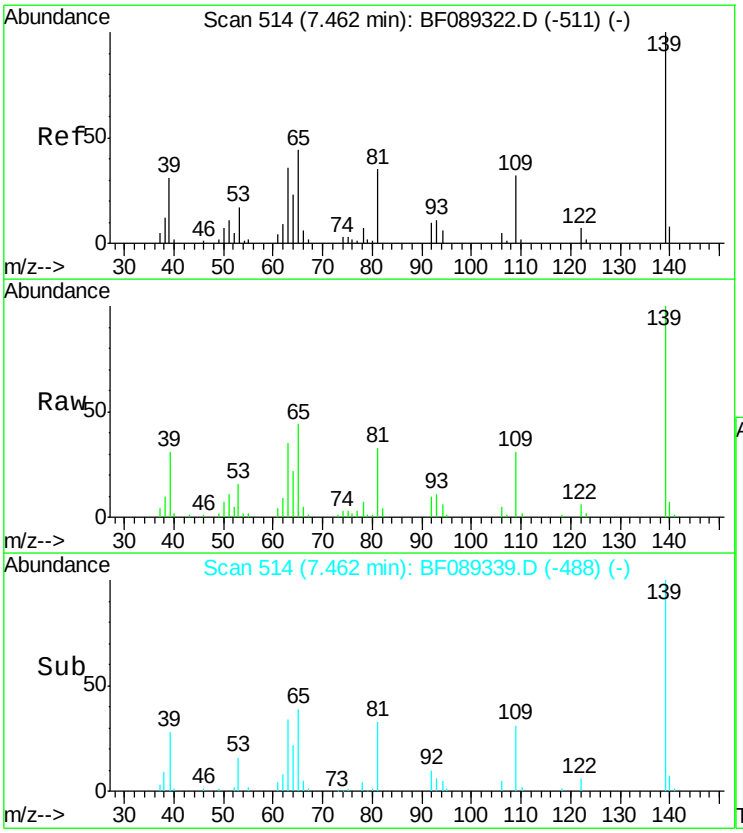
#25
Isophorone
Concen: 47.14 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion: 82 Resp: 309876

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.0	9.0
138	15.9	13.3	19.9

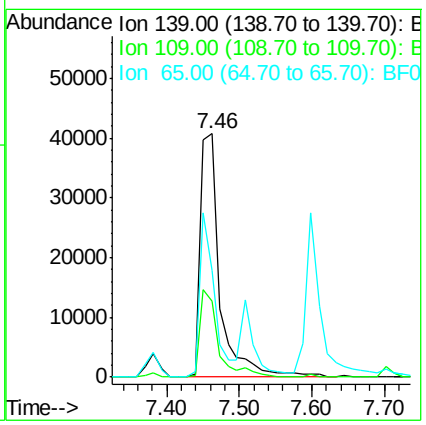


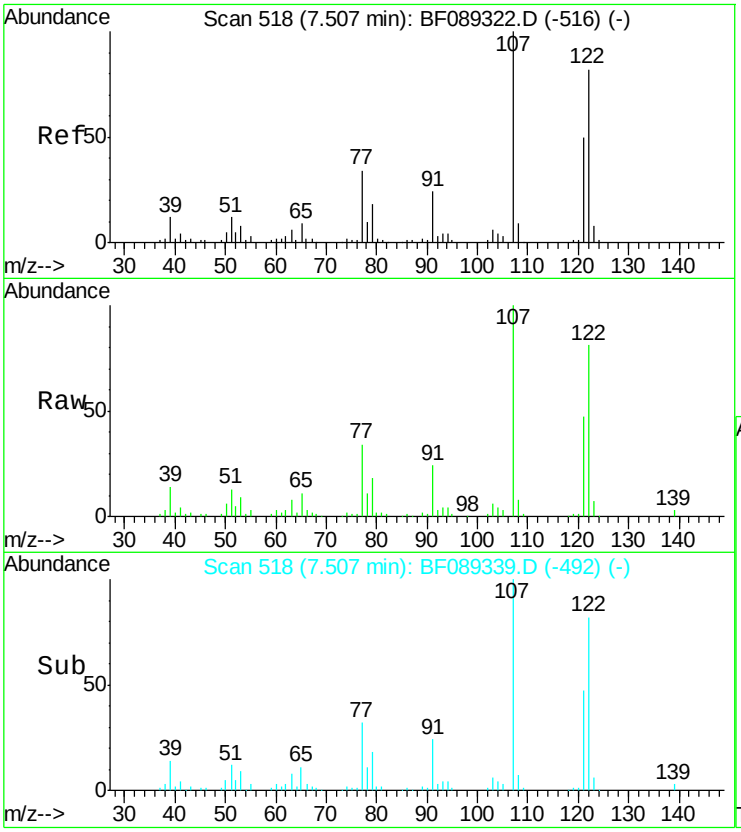


#26
2-Nitrophenol
Concen: 46.41 ng
RT: 7.46 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:139 Resp: 77057

Ion	Ratio	Lower	Upper
139	100		
109	31.0	25.8	38.8
65	43.9	35.2	52.8



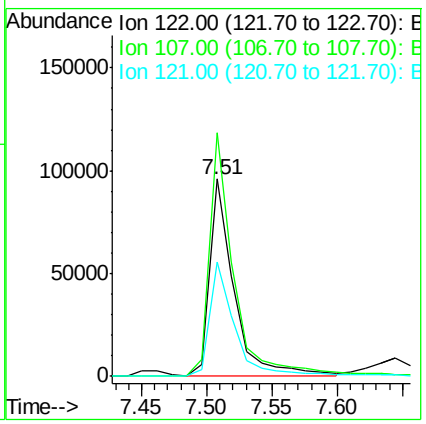


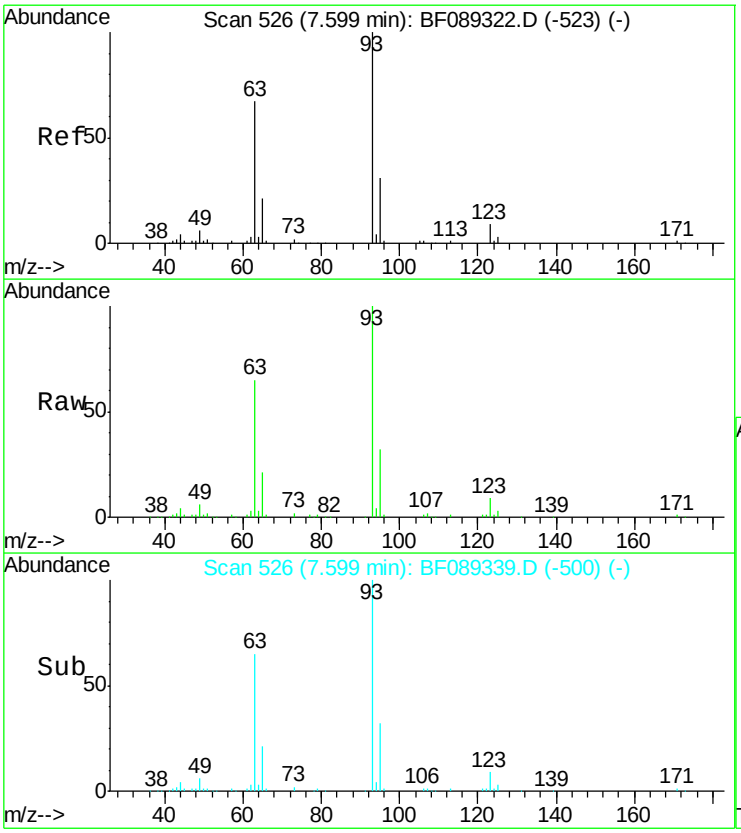
#27
2,4-Dimethylphenol
Concen: 47.91 ng
RT: 7.51 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:122 Resp: 126719

Ion	Ratio	Lower	Upper
122	100		
107	123.3	97.2	145.8
121	58.2	48.8	73.2

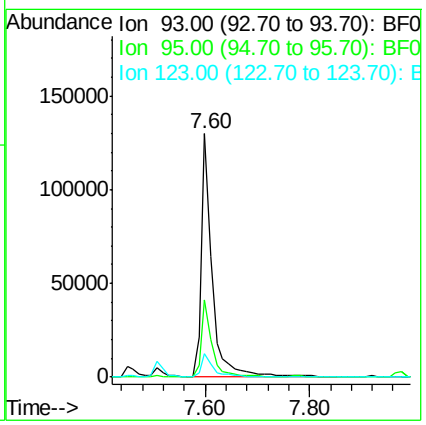


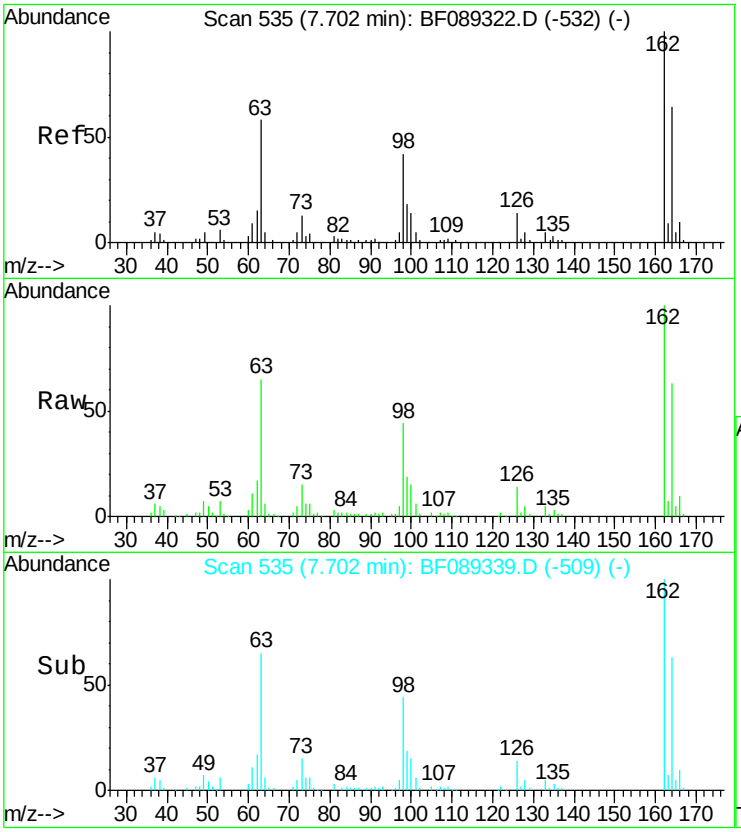


#28
bis(2-Chloroethoxy)methane
Concen: 50.98 ng
RT: 7.60 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion: 93 Resp: 185491

Ion	Ratio	Lower	Upper
93	100		
95	31.6	24.7	37.1
123	9.5	7.5	11.3



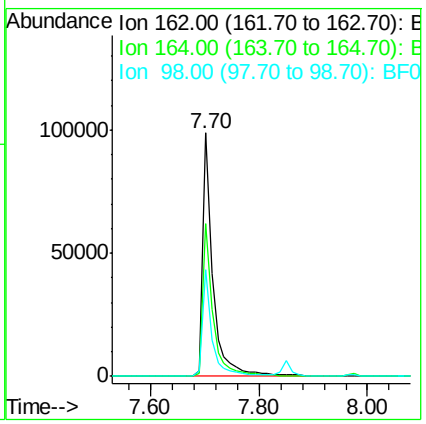


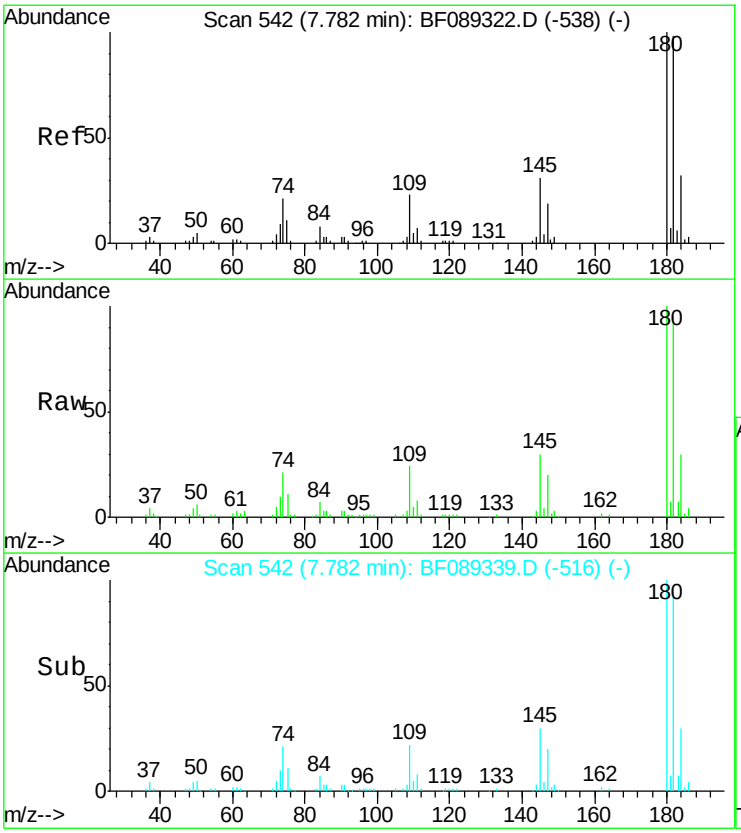
#29
2,4-Dichlorophenol
Concen: 53.31 ng
RT: 7.70 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:162 Resp: 128494

Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.0	84.0
98	43.8	21.8	61.8

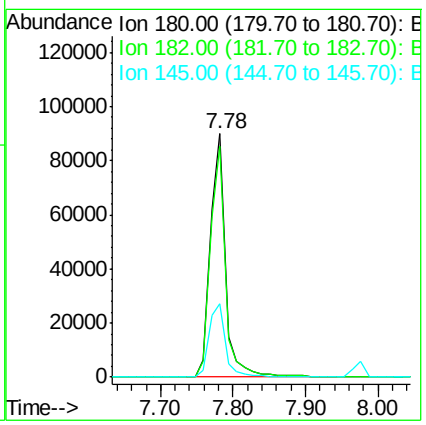


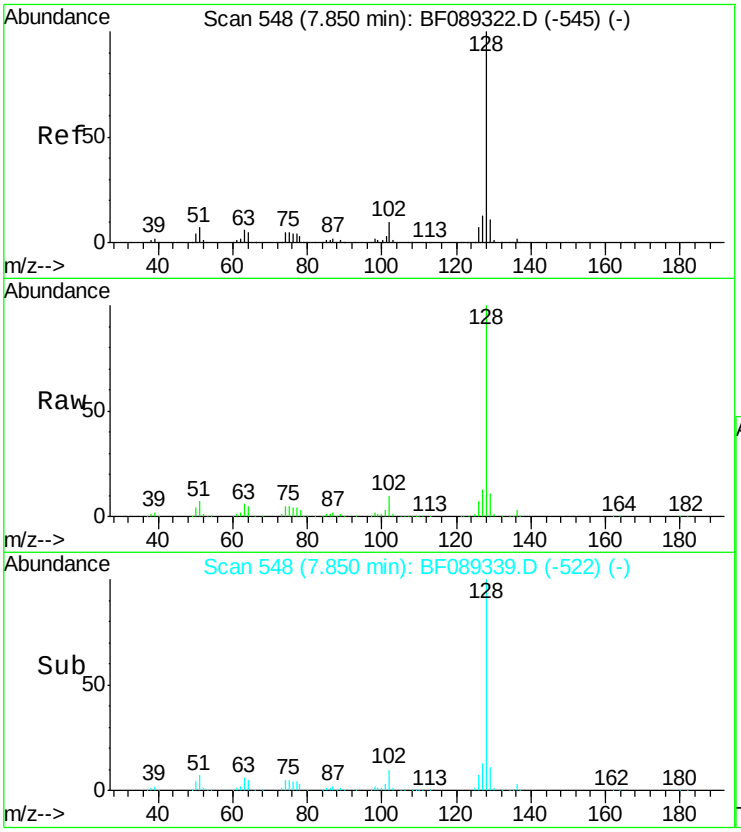


#30
1,2,4-Trichlorobenzene
Concen: 47.35 ng
RT: 7.78 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:180 Resp: 130224

Ion	Ratio	Lower	Upper
180	100		
182	94.7	78.2	117.2
145	30.3	24.6	36.8



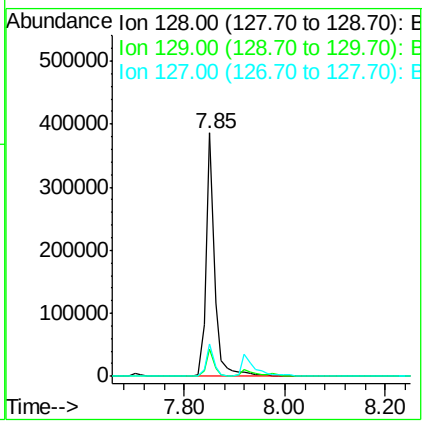


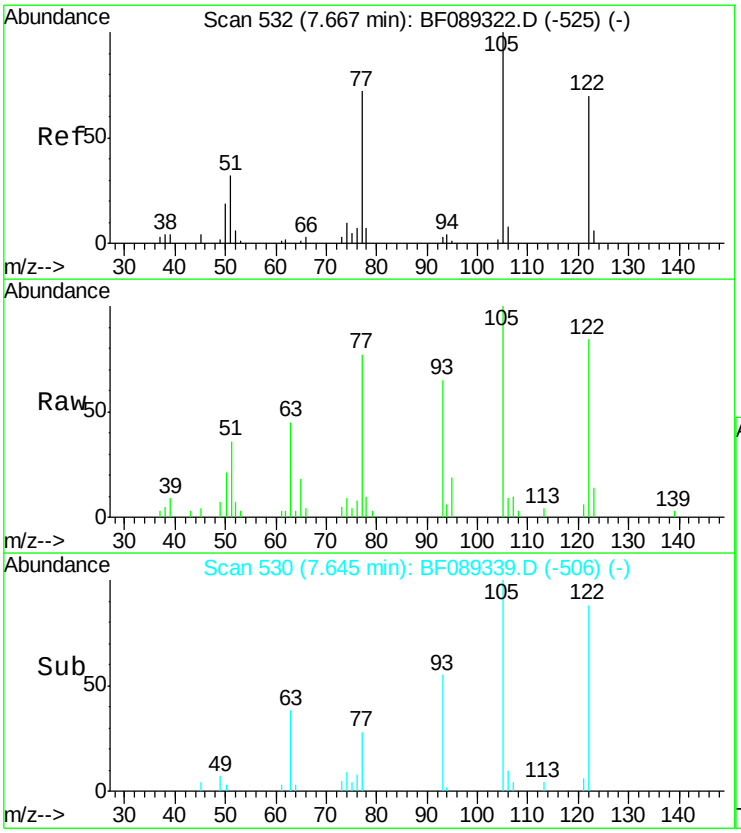
#31
Naphthalene
Concen: 48.16 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:128 Resp: 459316

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.5	10.8	16.2

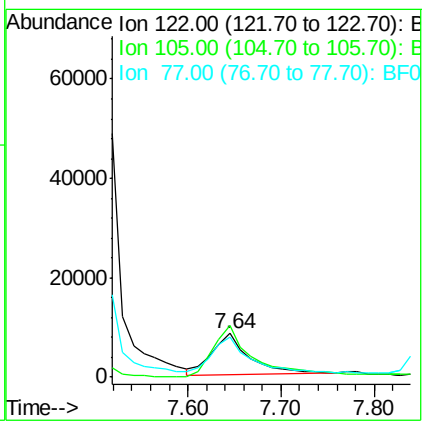


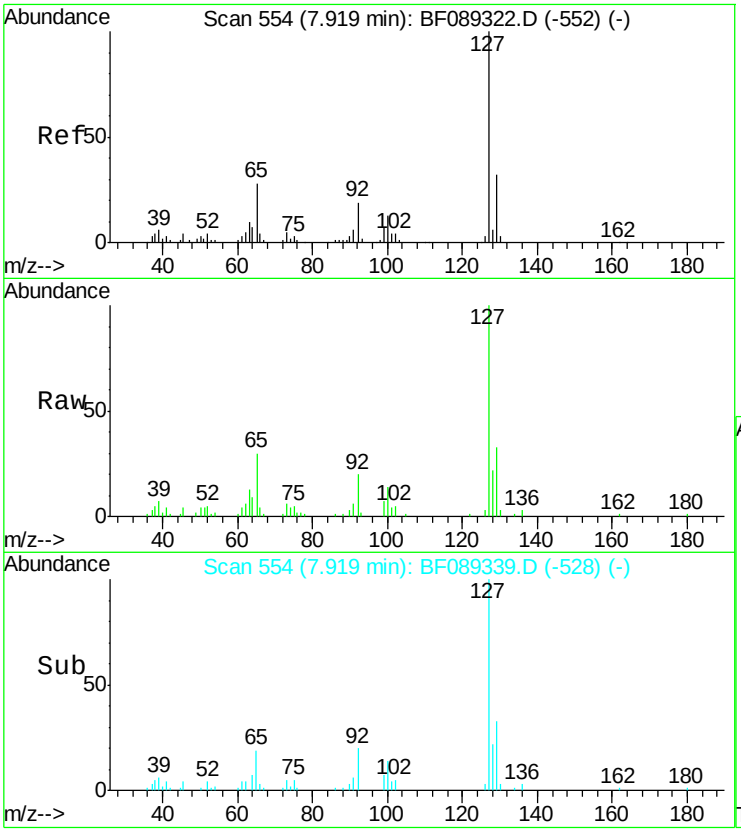


#32
Benzoic acid
Concen: 12.48 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:122 Resp: 23008

Ion	Ratio	Lower	Upper
122	100		
105	118.9	106.4	146.4
77	91.9	76.4	116.4



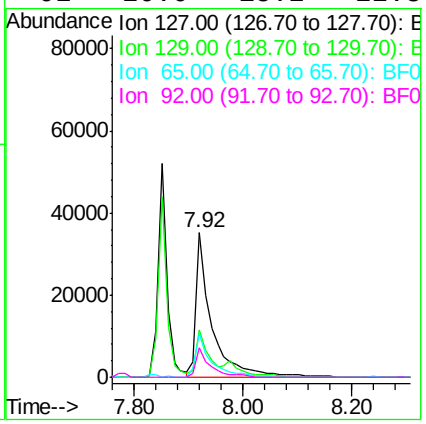


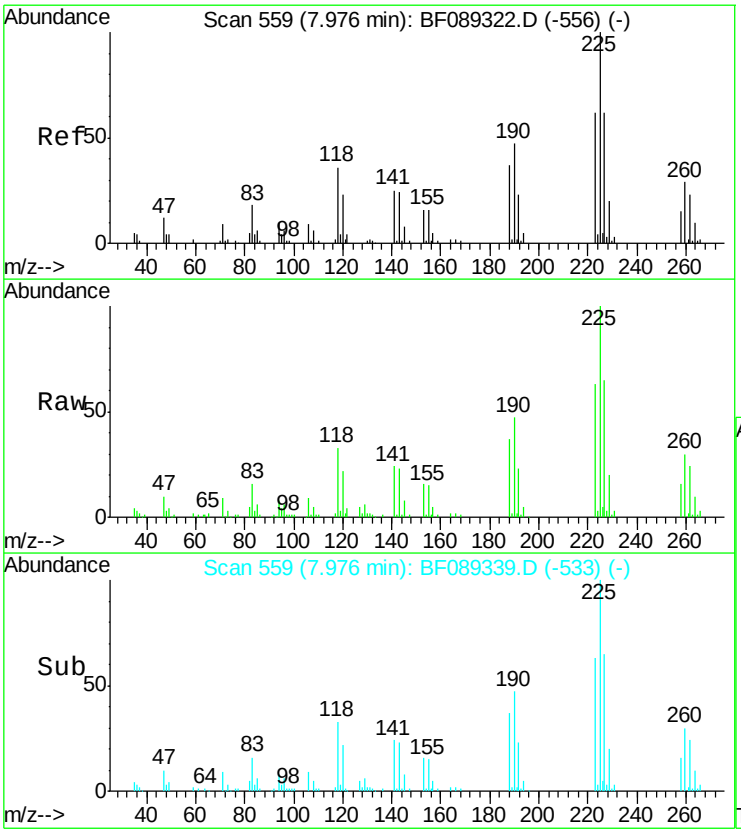
#33
4-Chloroaniline
Concen: 19.51 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:127 Resp: 70835

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	29.9	22.0	33.0
92	20.0	15.2	22.8

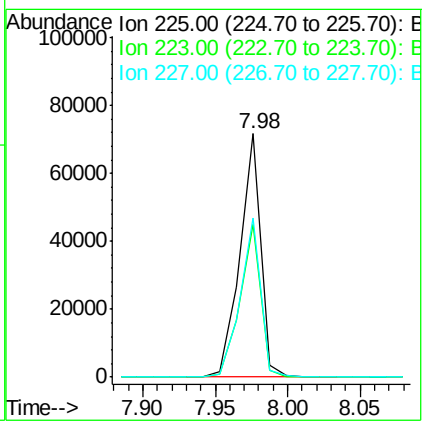


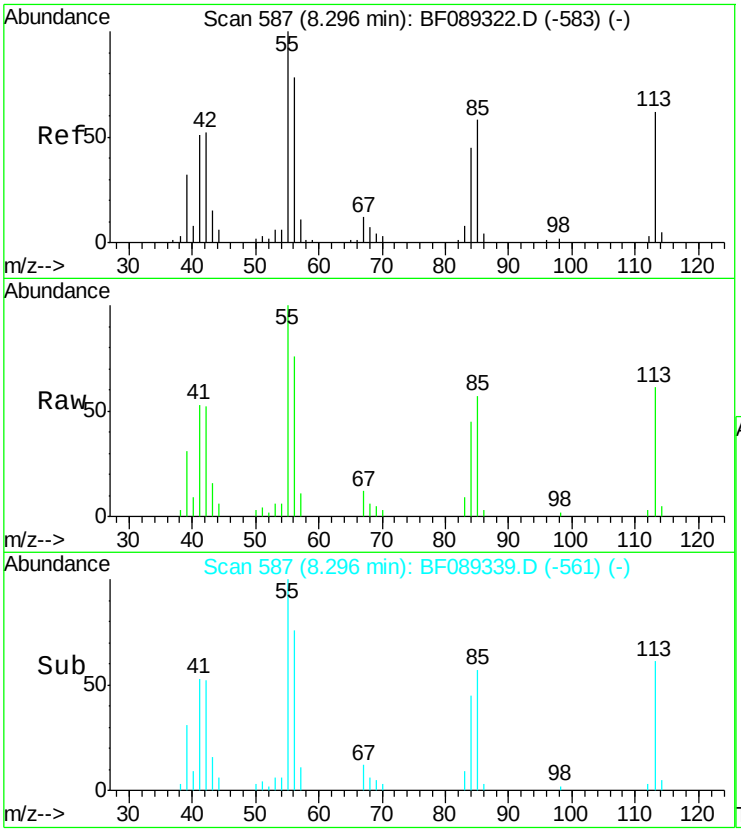


#34
Hexachlorobutadiene
Concen: 45.35 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:225 Resp: 71421

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.8	74.8
227	65.3	49.4	74.2



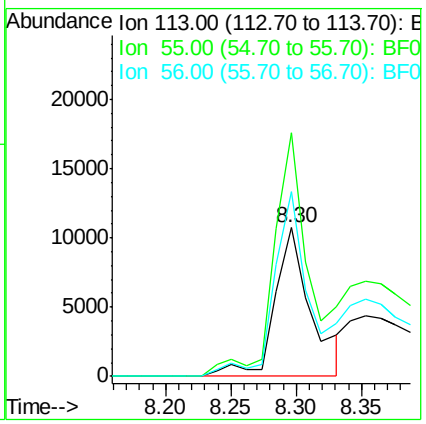


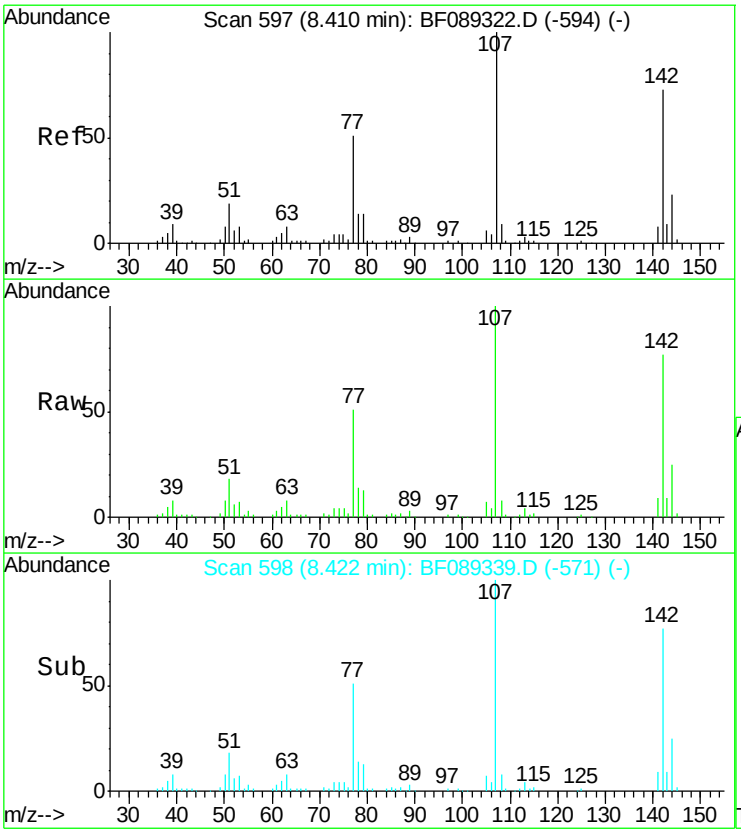
#35
Caprolactam
Concen: 28.49 ng
RT: 8.30 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:113 Resp: 20728

Ion	Ratio	Lower	Upper
113	100		
55	164.2	142.3	182.3
56	124.8	105.8	145.8

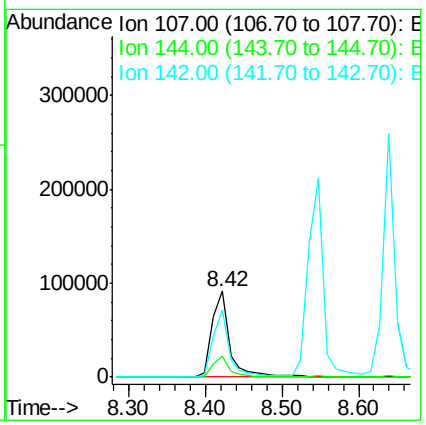


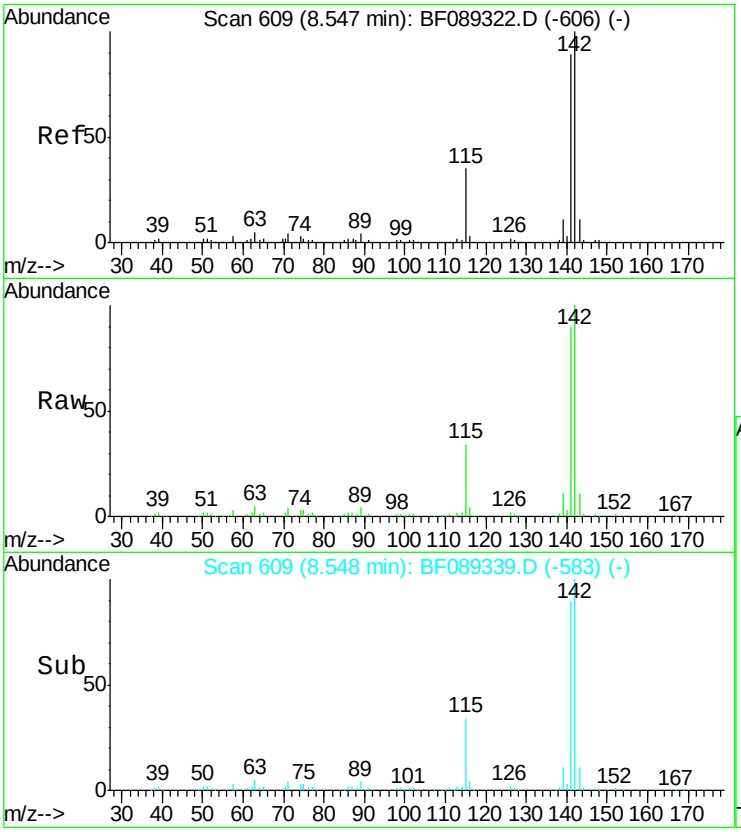


#36
4-Chloro-3-methylphenol
Concen: 51.68 ng
RT: 8.42 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:107 Resp: 148046

Ion	Ratio	Lower	Upper
107	100		
144	25.0	18.4	27.6
142	77.2	58.6	87.8



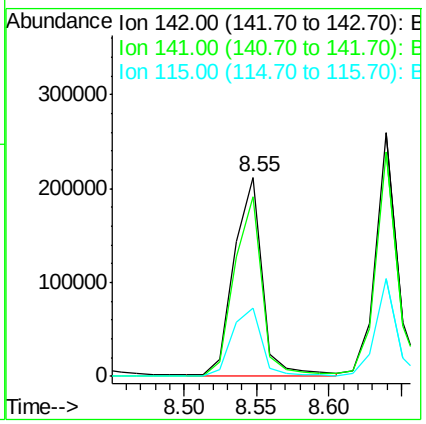


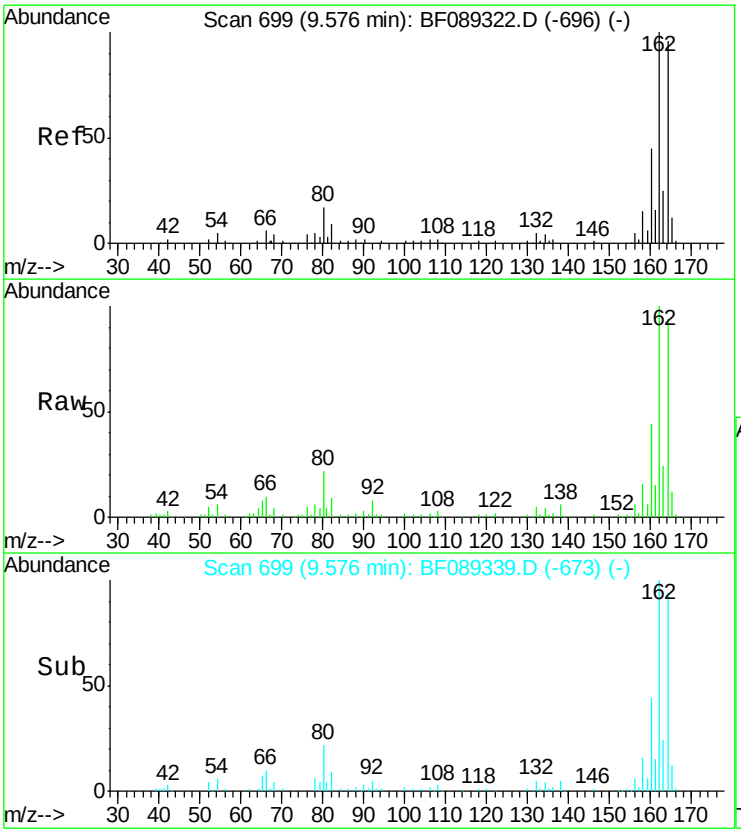
#37
2-Methylnaphthalene
Concen: 49.76 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:142 Resp: 285973

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.9	106.3
115	34.3	27.6	41.4

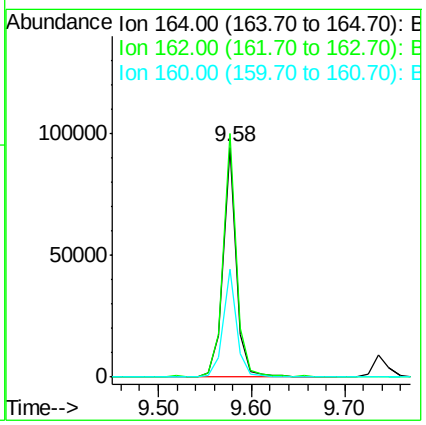


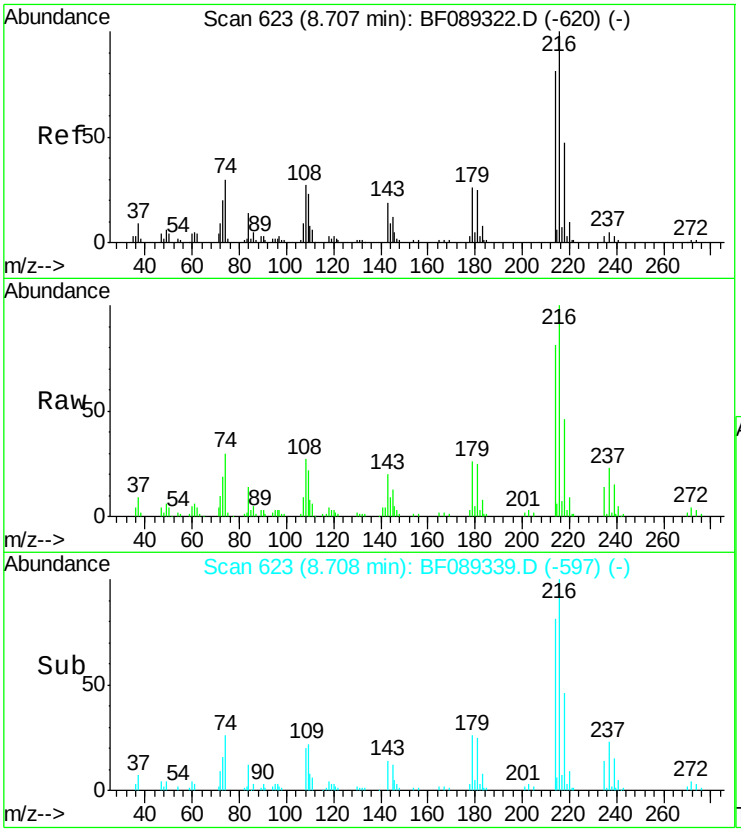


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:164 Resp: 93393

Ion	Ratio	Lower	Upper
164	100		
162	105.9	83.7	125.5
160	46.7	37.8	56.6



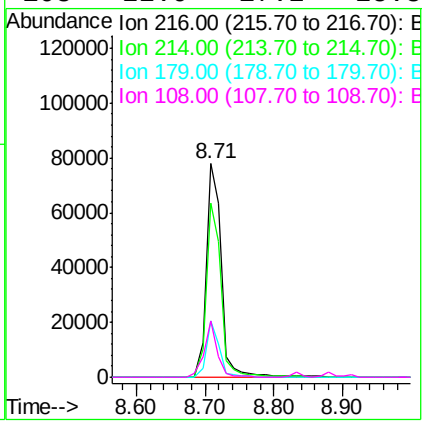


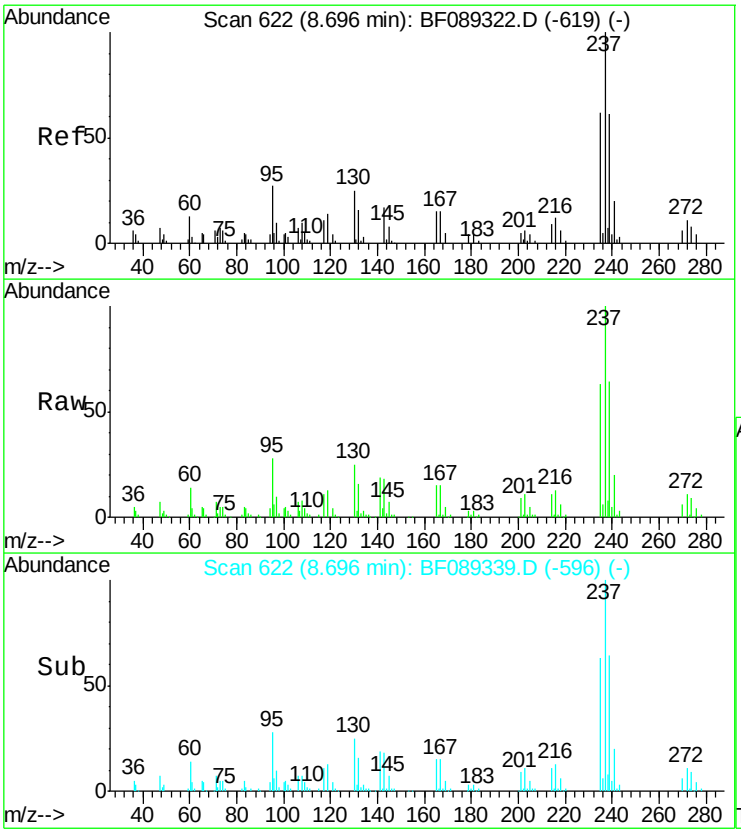
#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.50 ng
RT: 8.71 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:216 Resp: 119284

Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.3	94.9
179	22.5	18.1	27.1
108	22.9	17.2	25.8

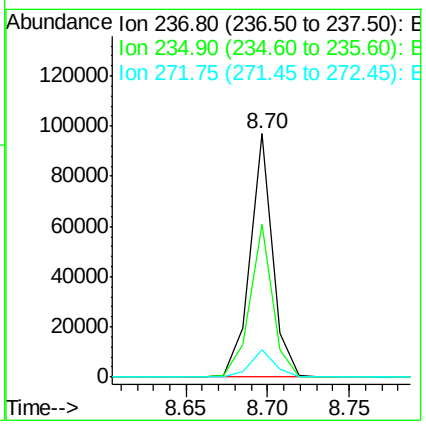


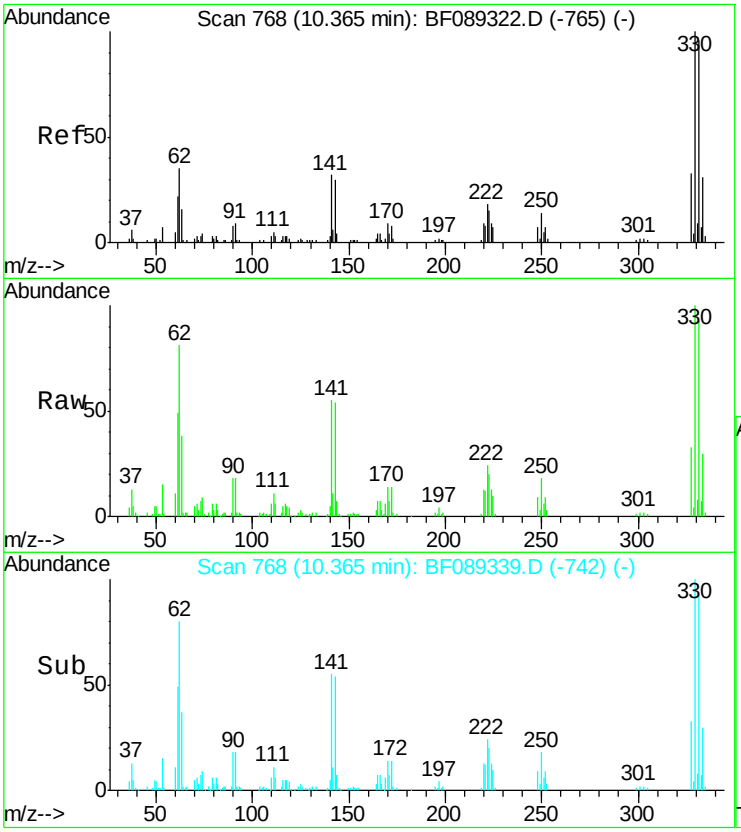


#40
Hexachlorocyclopentadiene
Concen: 97.62 ng
RT: 8.70 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:237 Resp: 93005

Ion	Ratio	Lower	Upper
237	100		
235	62.7	41.6	81.6
272	11.4	0.0	30.8



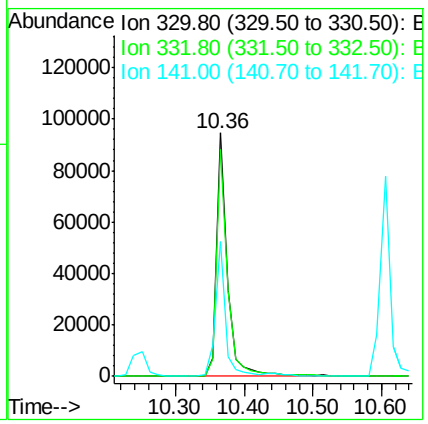


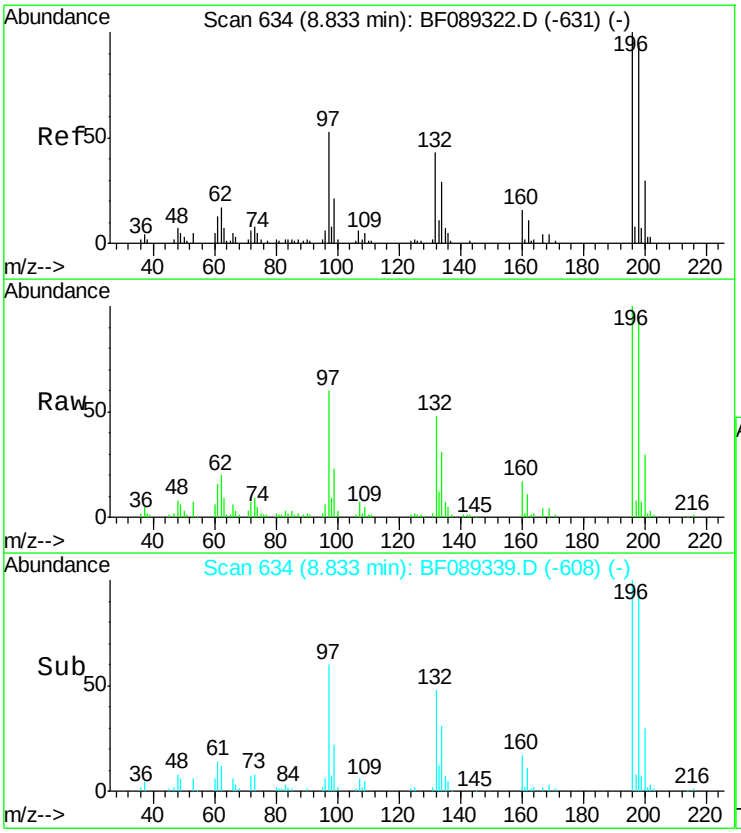
#41
2,4,6-Tribromophenol
Concen: 138.89 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:330 Resp: 107428

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.8	115.2
141	53.8	37.3	55.9

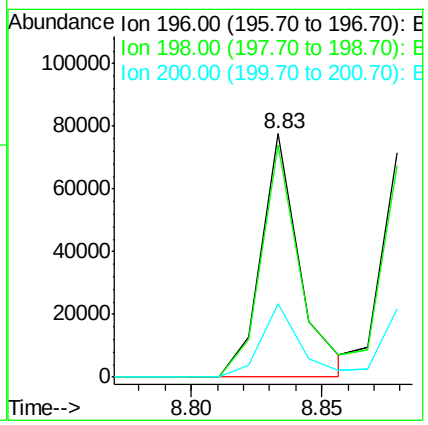


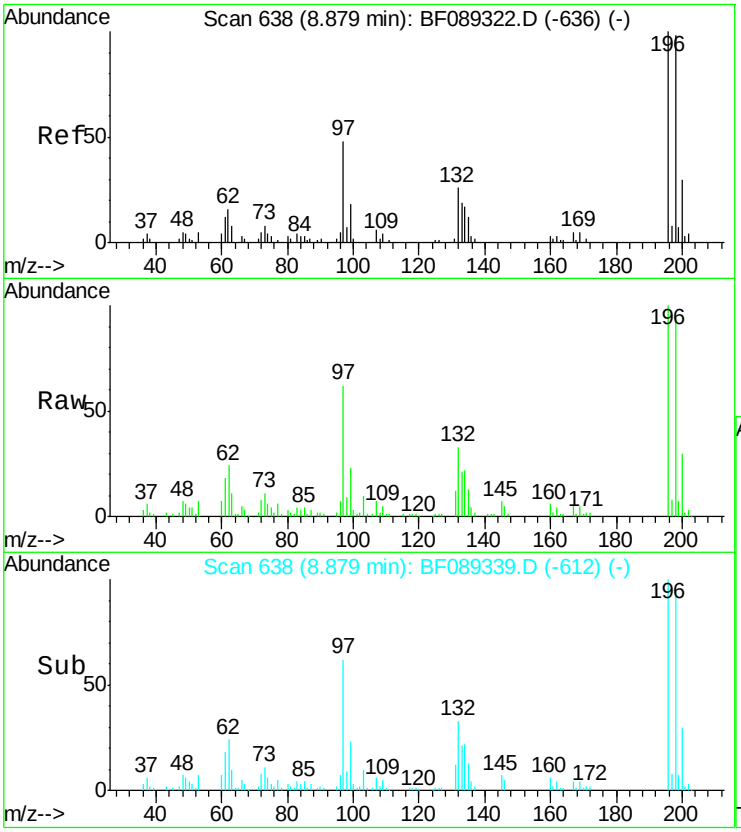


#42
2,4,6-Trichlorophenol
Concen: 50.98 ng
RT: 8.83 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:196 Resp: 79209

Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.5	113.3
200	30.1	23.9	35.9



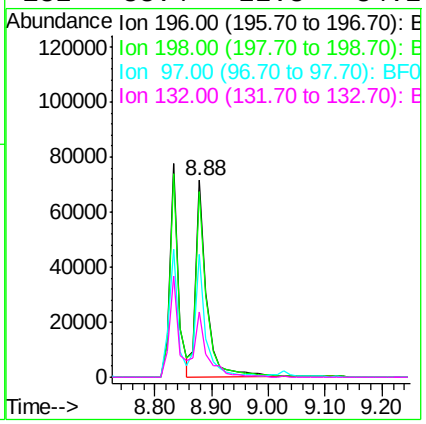


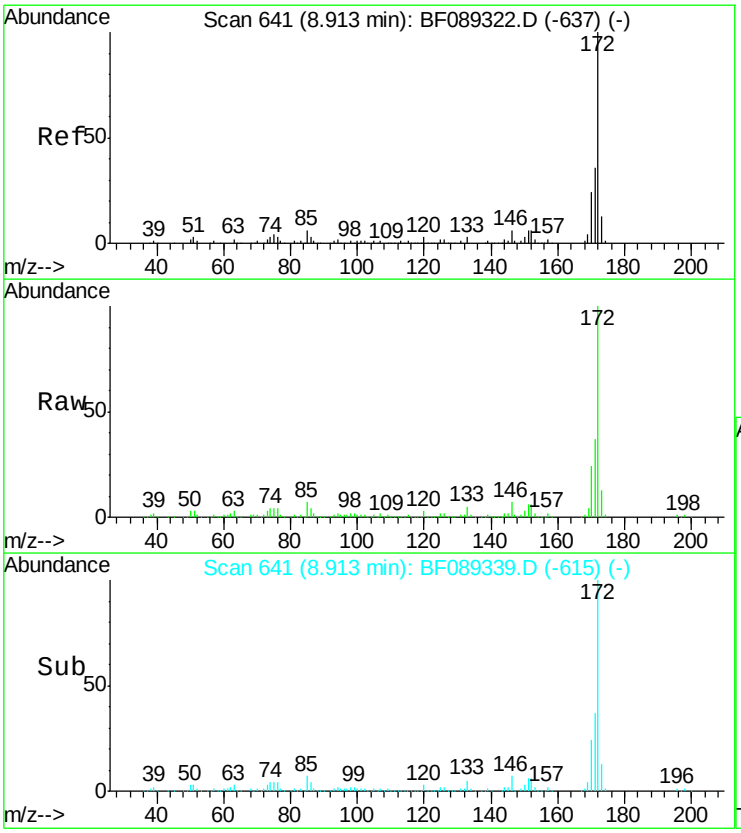
#43
2,4,5-Trichlorophenol
Concen: 48.03 ng
RT: 8.88 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:196 Resp: 94538

Ion	Ratio	Lower	Upper
196	100		
198	94.1	78.7	118.1
97	62.1	39.7	59.5#
132	33.4	22.8	34.2

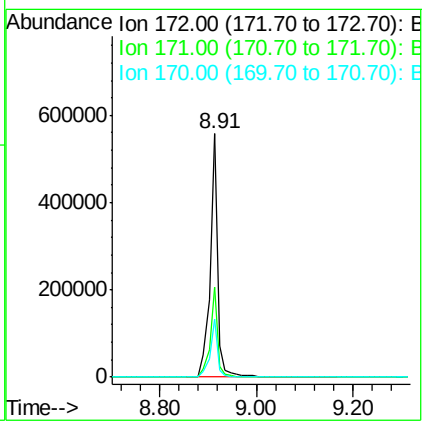


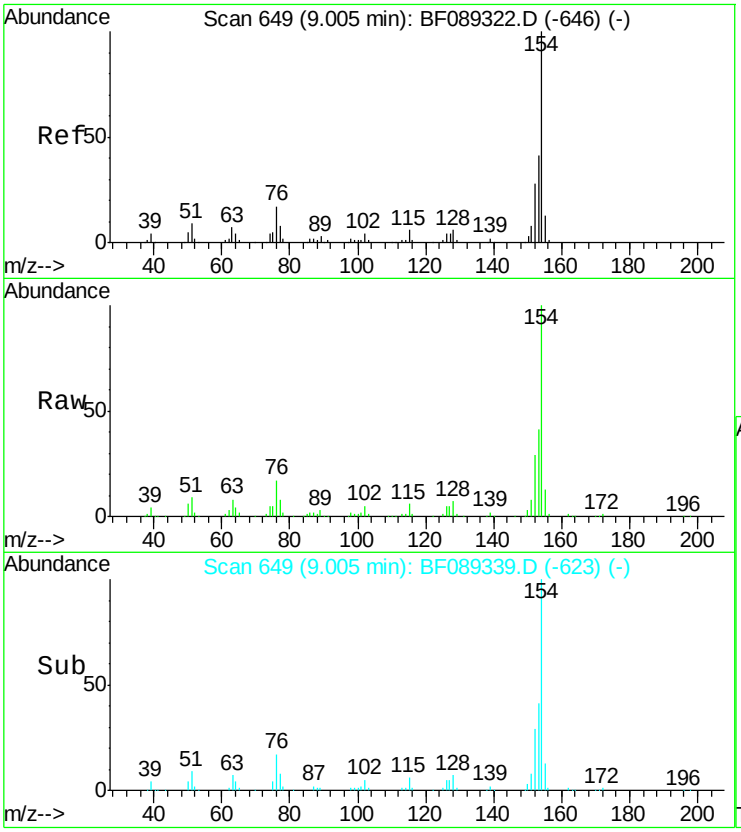


#44
2-Fluorobiphenyl
Concen: 98.57 ng
RT: 8.91 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:172 Resp: 627305

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.2	43.8
170	23.8	19.2	28.8



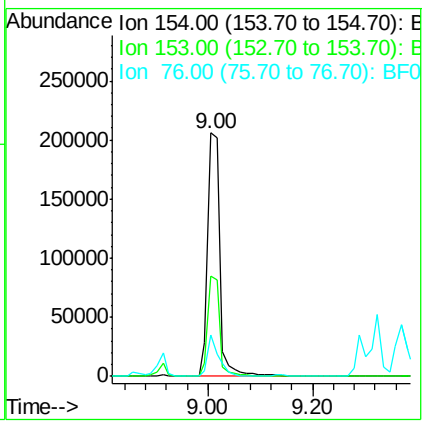


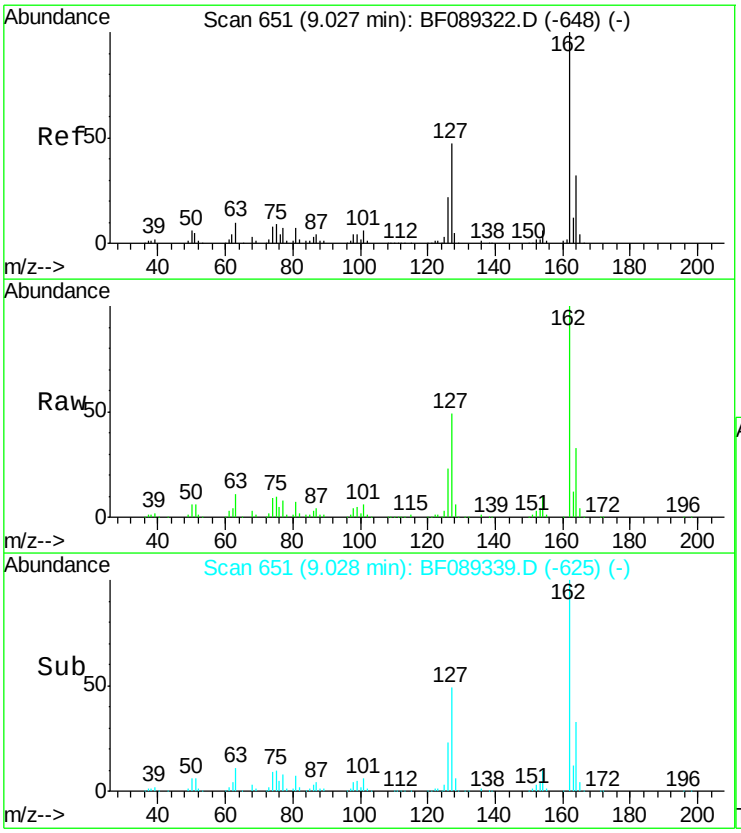
#45
1,1'-Biphenyl
Concen: 42.30 ng
RT: 9.00 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:154 Resp: 336343

Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.0	61.0
76	17.0	0.0	36.6

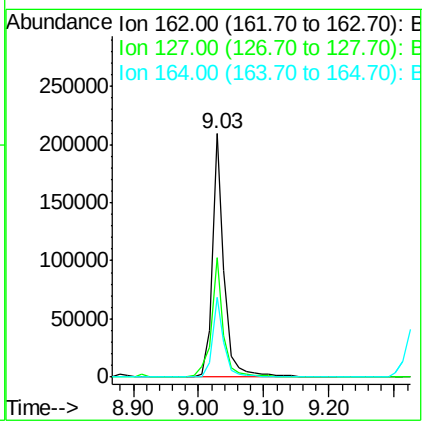


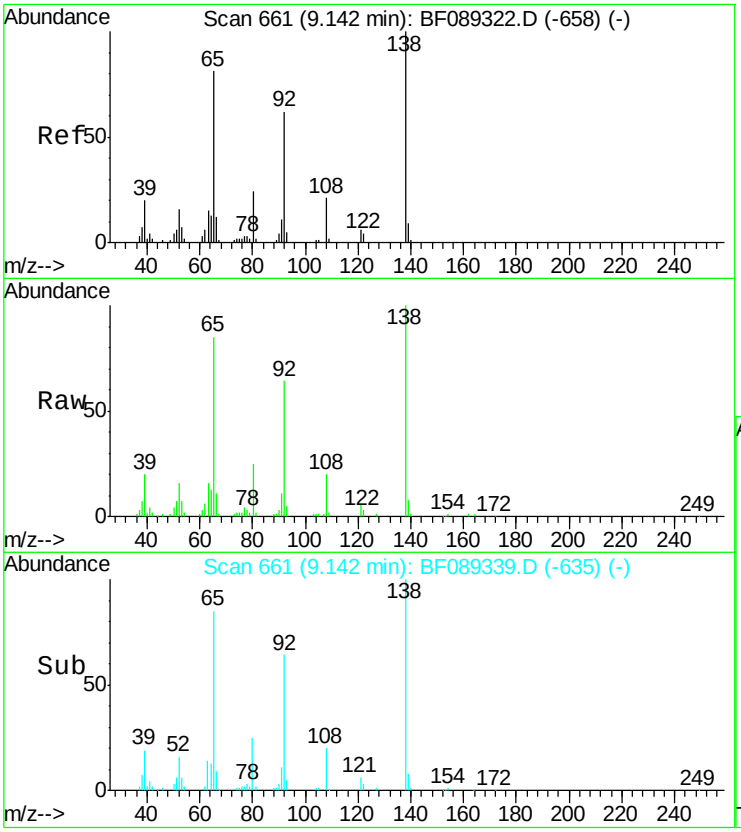


#46
2-Chloronaphthalene
Concen: 44.58 ng
RT: 9.03 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:162 Resp: 266239

Ion	Ratio	Lower	Upper
162	100		
127	48.8	37.8	56.8
164	32.5	25.8	38.8



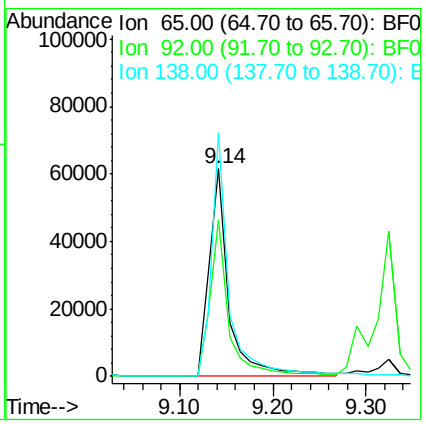


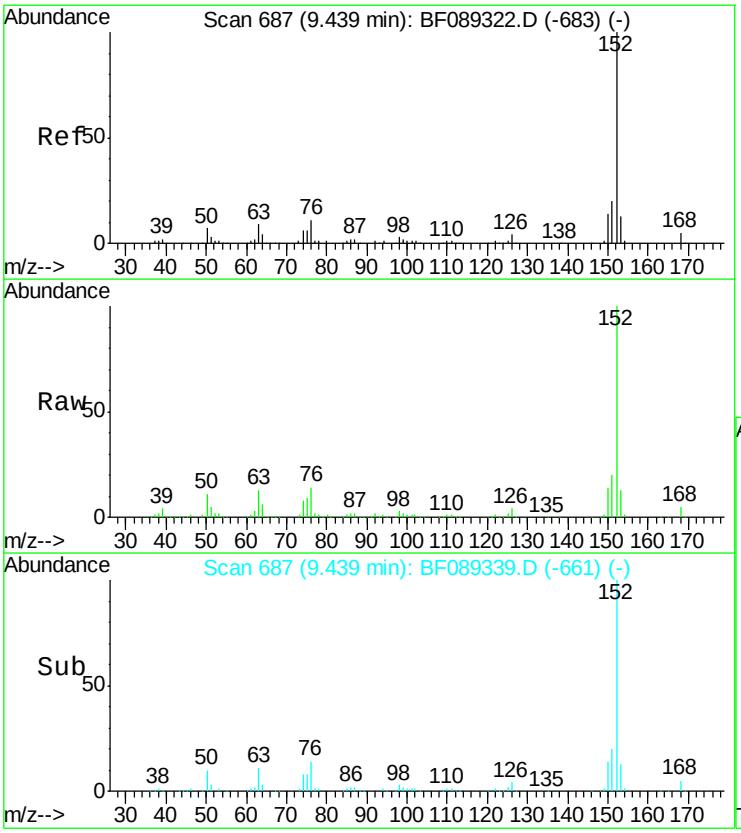
#47
2-Nitroaniline
Concen: 51.25 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion: 65 Resp: 90629

Ion	Ratio	Lower	Upper
65	100		
92	75.3	61.0	91.4
138	117.3	99.1	148.7

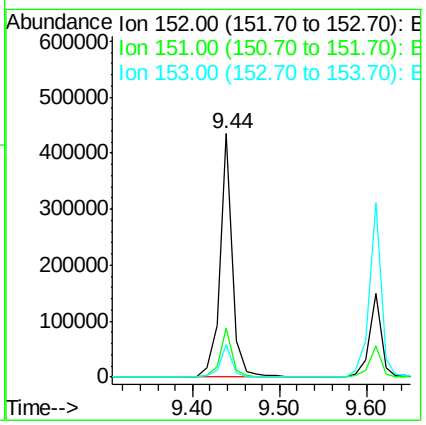


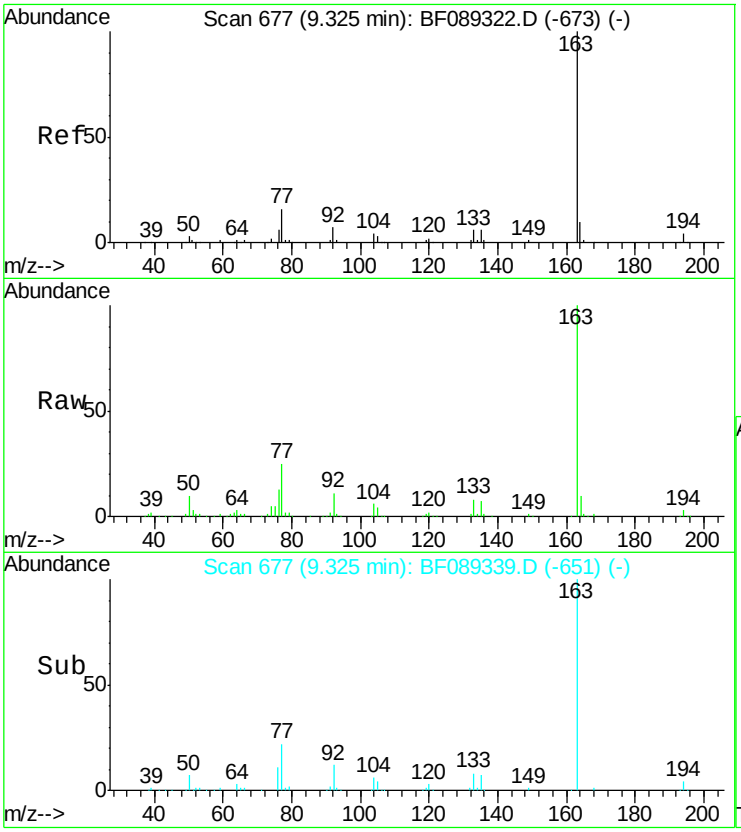


#48
Acenaphthylene
Concen: 46.45 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:152 Resp: 436901

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.4	10.2	15.4



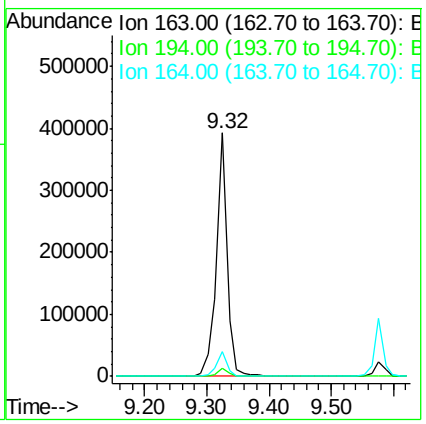


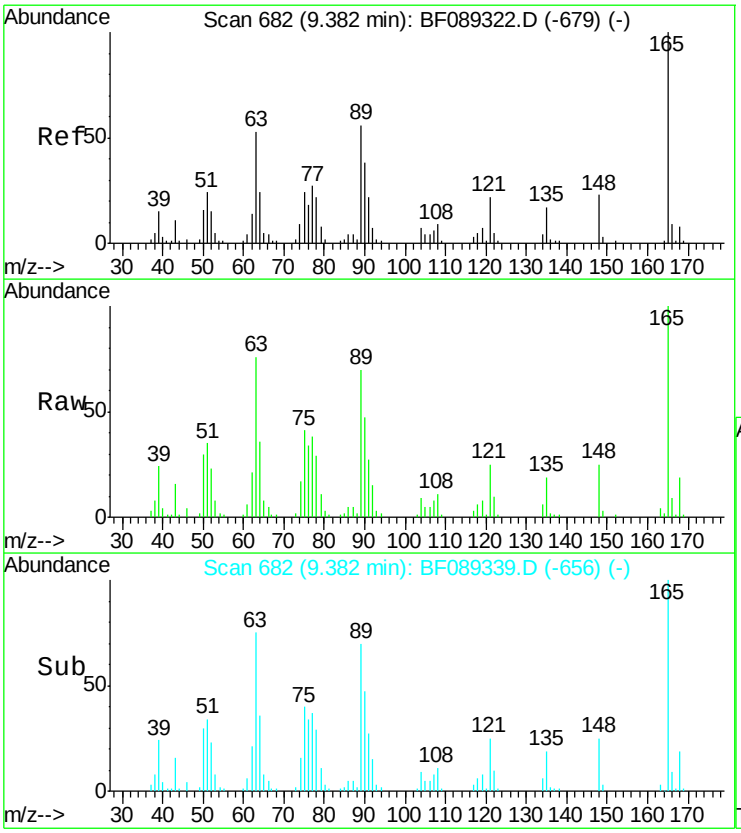
#49
Dimethylphthalate
Concen: 65.51 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:163 Resp: 465645

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.4	7.8	11.8

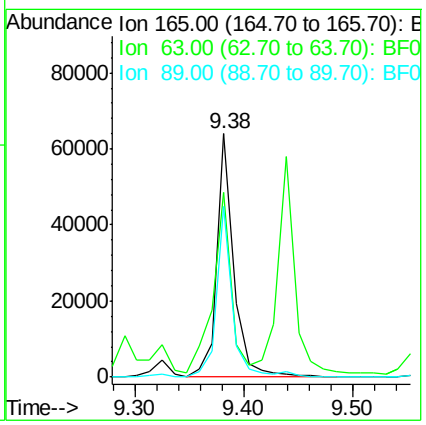


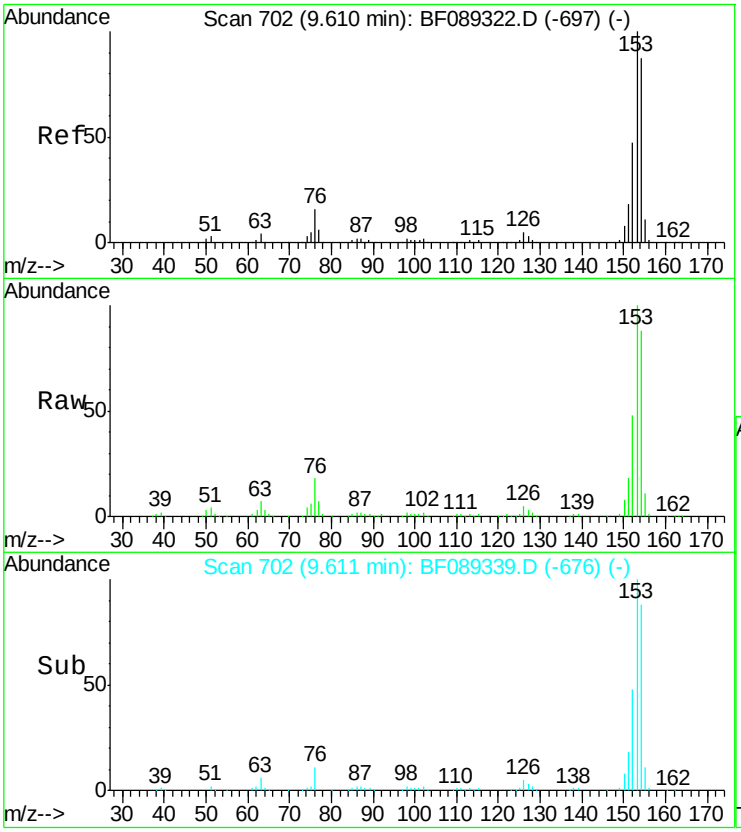


#50
2,6-Dinitrotoluene
Concen: 48.05 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:165 Resp: 70178

Ion	Ratio	Lower	Upper
165	100		
63	76.1	43.5	65.3#
89	70.3	45.0	67.4#



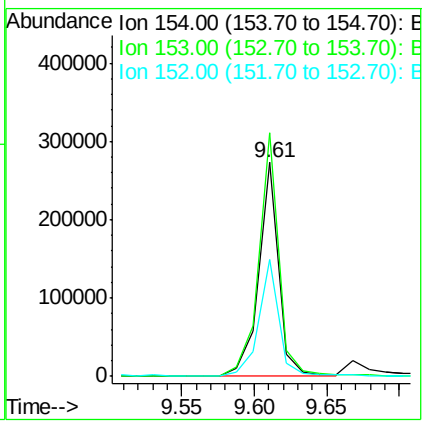


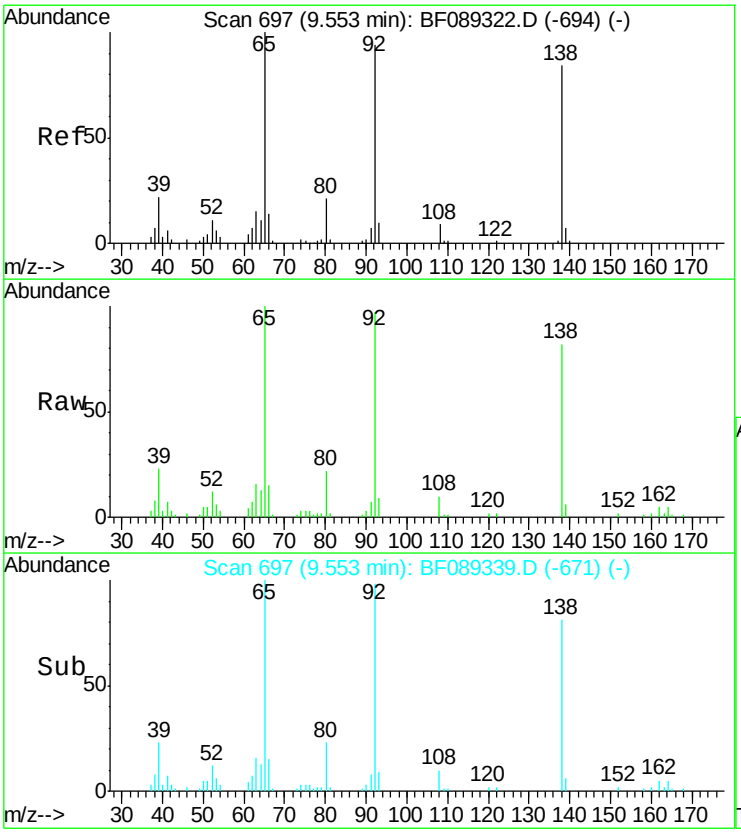
#51
Acenaphthene
Concen: 47.63 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:154 Resp: 261657

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.4	137.2
152	54.5	43.8	65.6

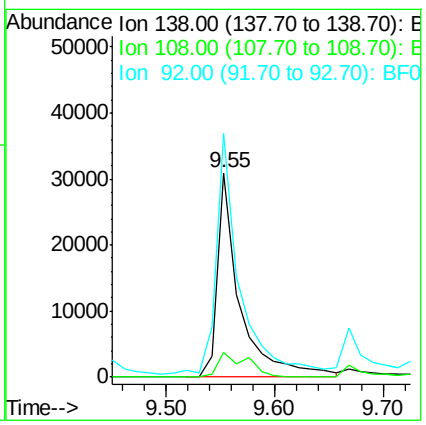


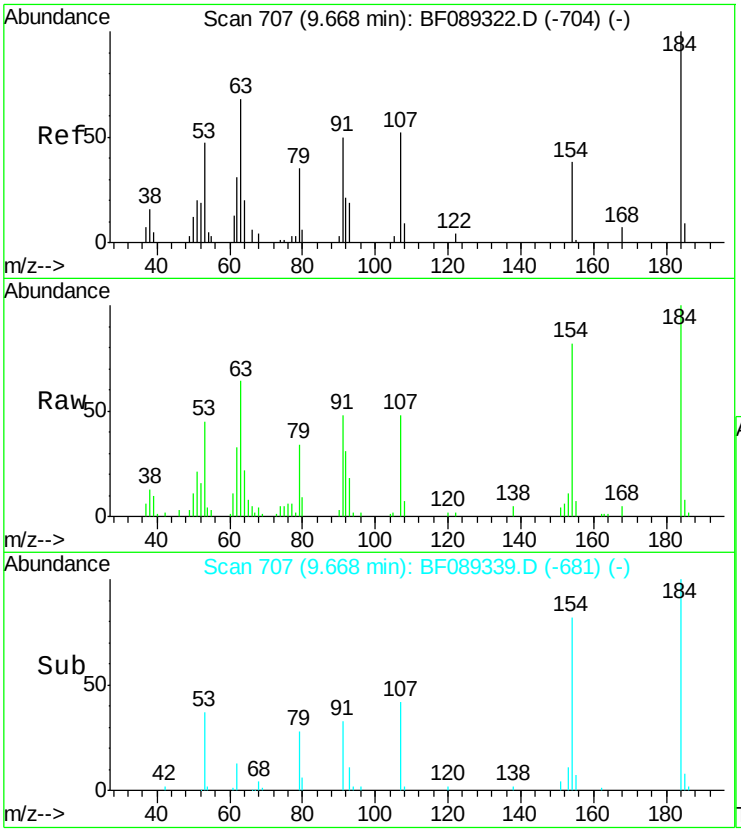


#52
3-Nitroaniline
Concen: 28.80 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:138 Resp: 44389

Ion	Ratio	Lower	Upper
138	100		
108	12.1	8.6	13.0
92	119.4	90.0	135.0



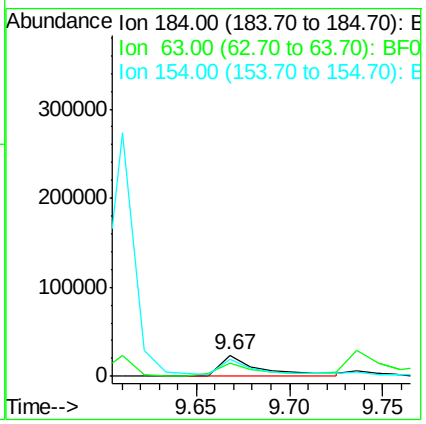


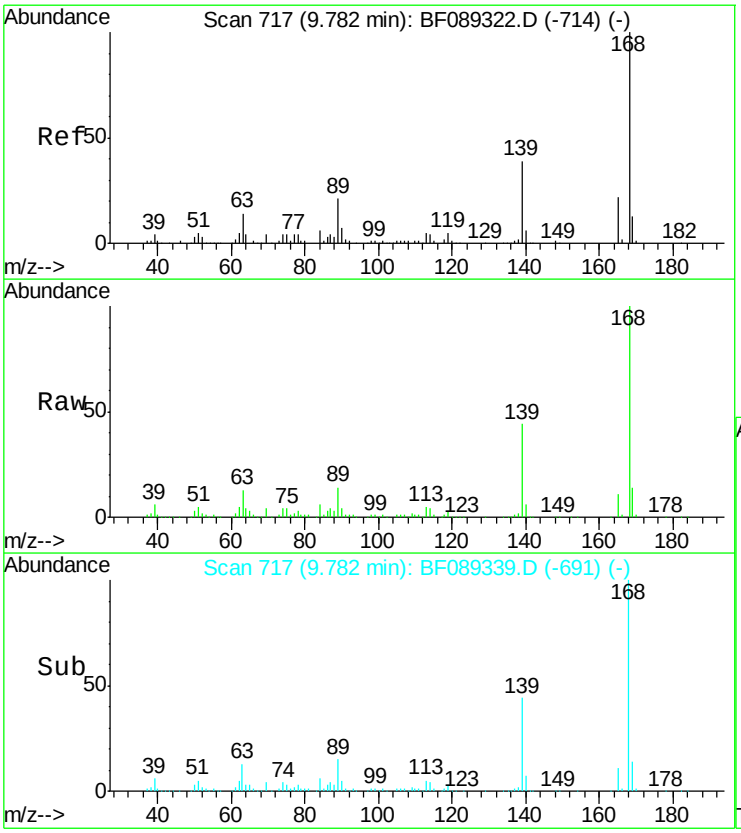
#53
2,4-Dinitrophenol
Concen: 60.46 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:184 Resp: 35374

Ion	Ratio	Lower	Upper
184	100		
63	63.9	60.6	90.8
154	81.5	69.8	104.8

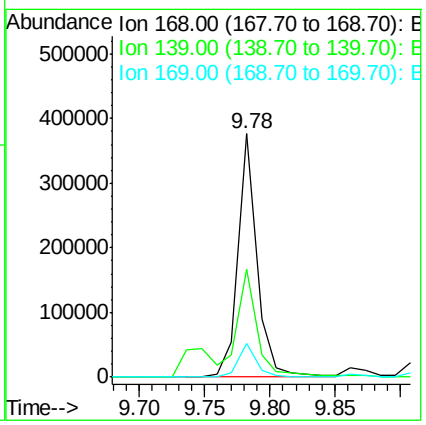


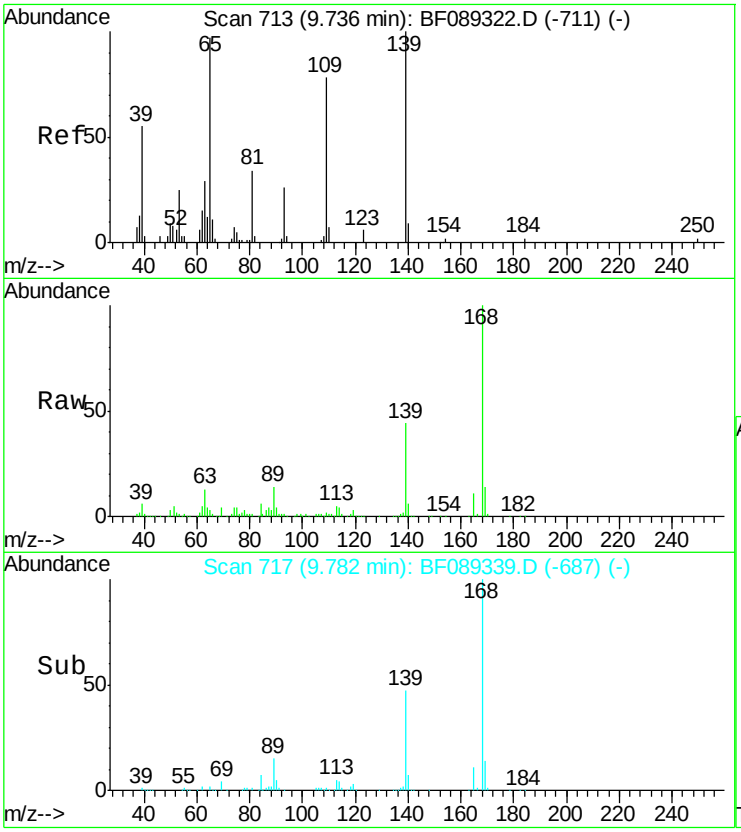


#54
Dibenzofuran
Concen: 50.66 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:168 Resp: 379187

Ion	Ratio	Lower	Upper
168	100		
139	44.3	33.7	50.5
169	13.7	10.7	16.1



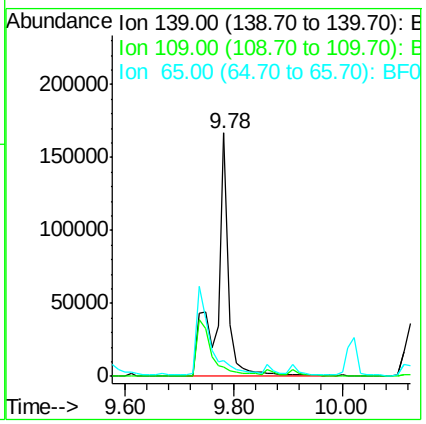


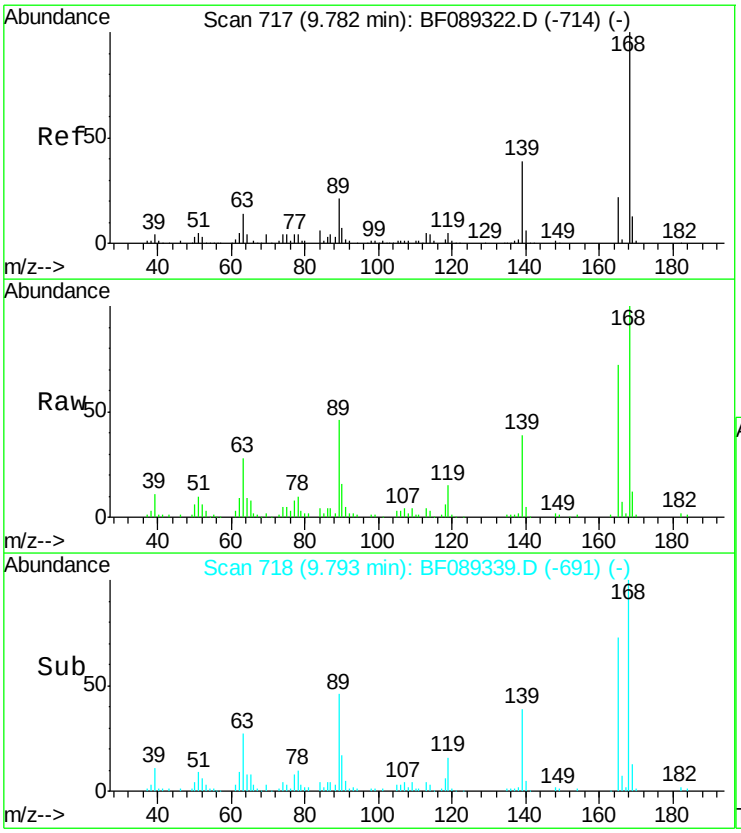
#55
4-Nitrophenol
Concen: 328.29 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.05 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:139 Resp: 262033

Ion	Ratio	Lower	Upper
139	100		
109	3.6	57.8	97.8#
65	6.3	81.7	121.7#

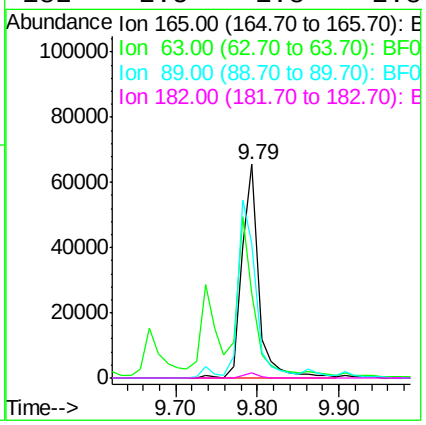


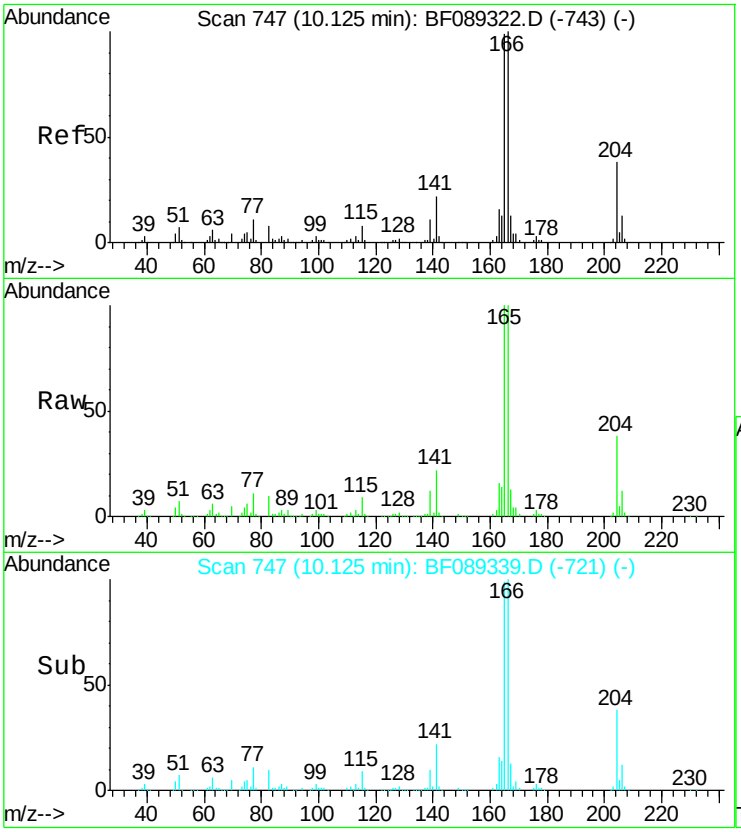


#56
2,4-Dinitrotoluene
Concen: 48.63 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.01 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:165 Resp: 93500

Ion	Ratio	Lower	Upper
165	100		
63	39.4	58.2	87.2#
89	63.1	79.1	118.7#
182	2.5	1.8	2.8



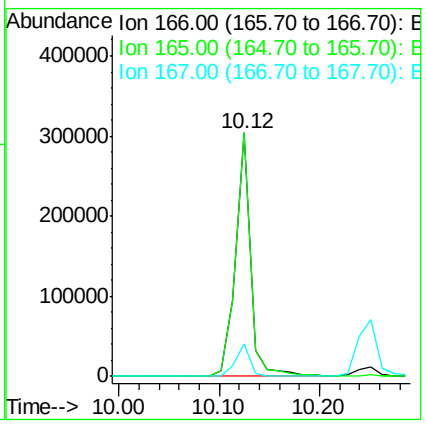


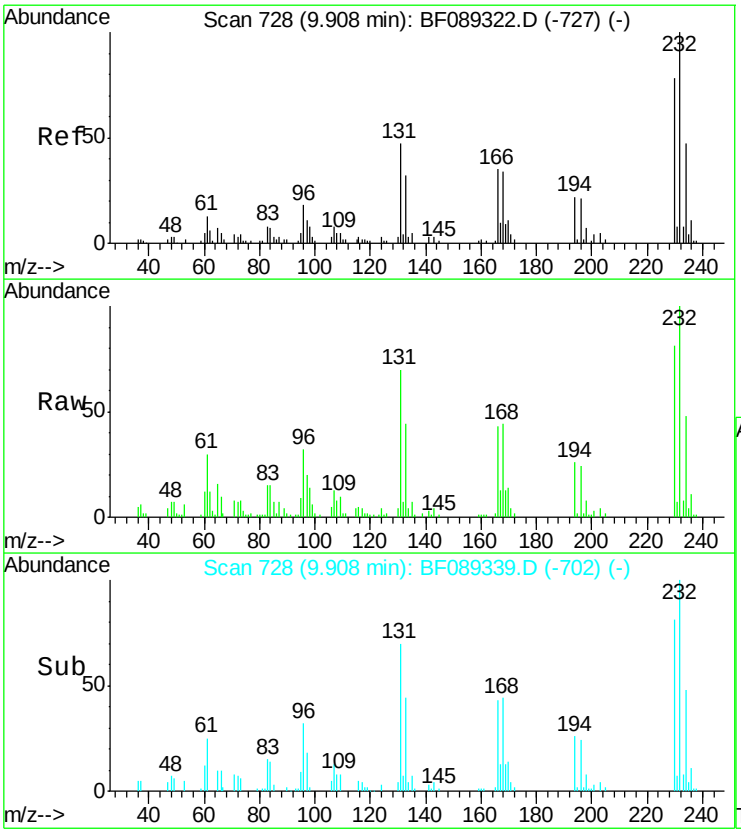
#57
Fluorene
Concen: 48.52 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:166 Resp: 317050

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.0	118.4
167	13.4	10.2	15.2

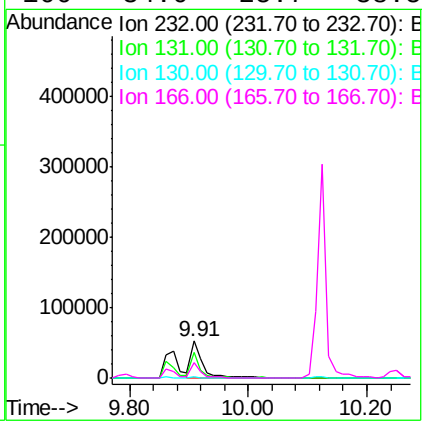


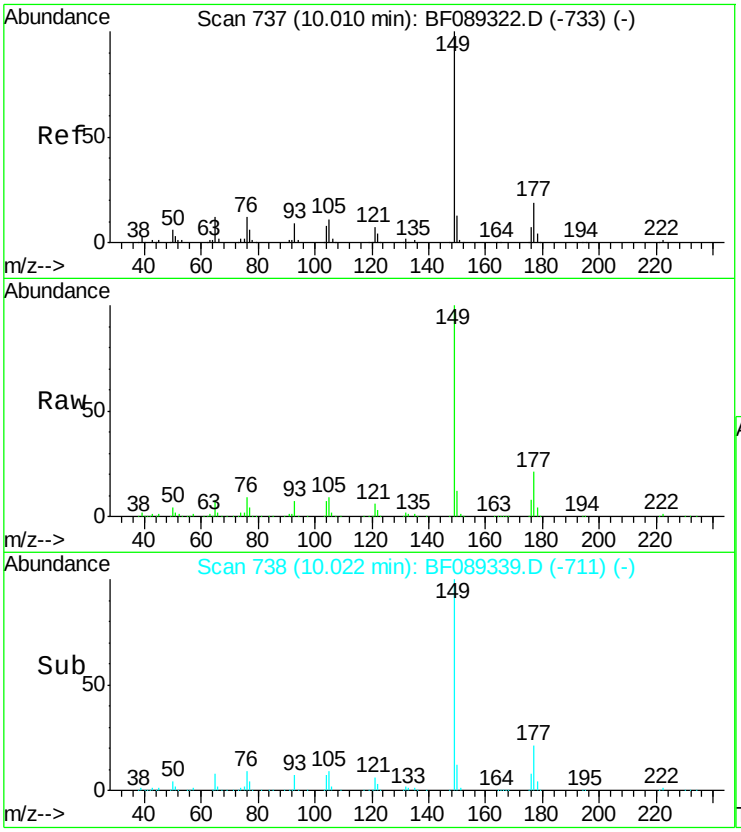


#58
2,3,4,6-Tetrachlorophenol
Concen: 54.16 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:232 Resp: 71176

Ion	Ratio	Lower	Upper
232	100		
131	57.5	42.7	64.1
130	2.6	1.7	2.5#
166	34.0	25.7	38.5



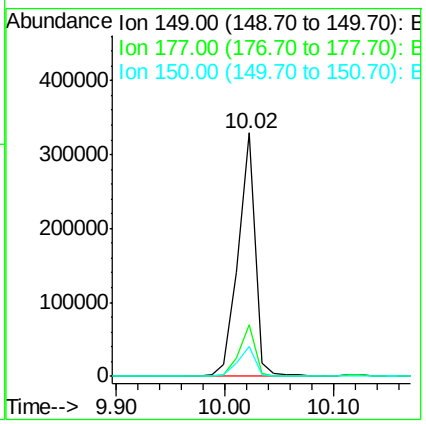


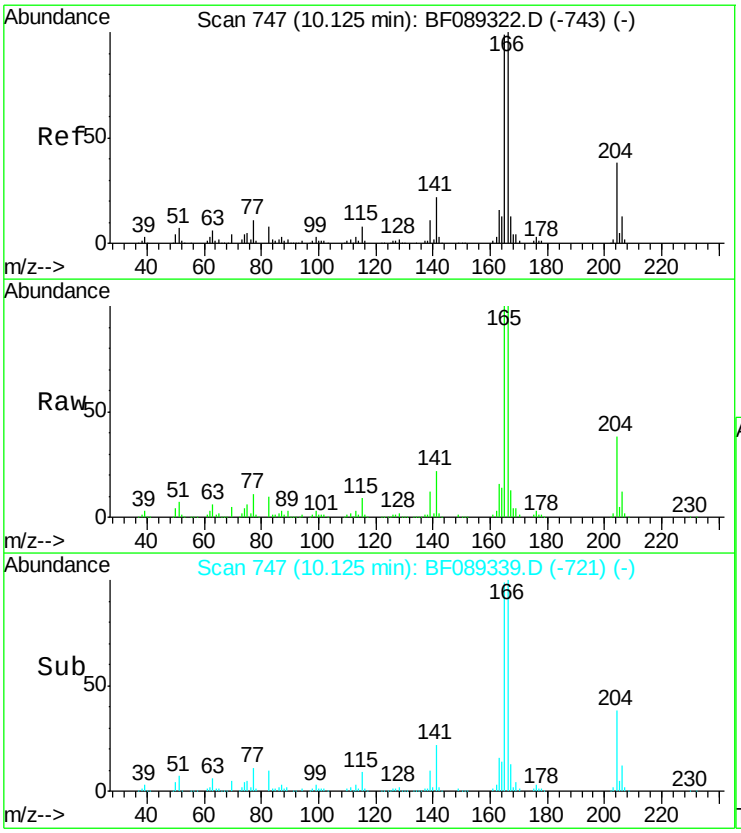
#59
Diethylphthalate
Concen: 49.21 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tgt Ion:149 Resp: 354615

Ion	Ratio	Lower	Upper
149	100		
177	21.4	15.1	22.7
150	12.4	10.2	15.4





#60
4-Chlorophenyl-phenylether
Concen: 45.71 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:204 Resp: 137010

Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.6	39.8
141	58.1	46.6	70.0