Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081491.D
Acq On : 6 Sep 2015 5:08
Operator : UM/IZ
Sample : G3419-06MSD
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HX2MSD

Manual Integrations APPROVED
MMDadoda
9/8/2015 3:57:01 PM

Quant Time: Sep 08 11:13:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 04:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	55098	20.00	ng		-0.01
21) Naphthalene-d8	7.64	136	190301	20.00	ng		-0.01
38) Acenaphthene-d10	9.39	164	95112	20.00	ng		0.00
63) Phenanthrene-d10	10.86	188	175902	20.00	ng		0.00
75) Chrysene-d12	13.46	240	135186	20.00	ng		0.00
86) Perylene-d12	14.77	264	92458	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	173086	48.74	ng		0.01
7) Phenol-d6	6.02	99	140848	29.96	ng		-0.01
23) Nitrobenzene-d5	6.94	82	395372	100.24	ng		-0.01
41) 2,4,6-Tribromophenol	10.18	330	99579	117.58	ng		0.00
44) 2-Fluorobiphenyl	8.73	172	565873	76.24	ng		0.00
78) Terphenyl-d14	12.43	244	529641	91.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.72	88	26131	16.38	ng	#	75
3) Pyridine	2.28	79	43671	9.93	ng	#	88
4) n-Nitrosodimethylamine	2.22	42	39106	16.01	ng	#	73
6) Aniline	6.02	93	126207	19.01	ng	#	79
8) 2-Chlorophenol	6.14	128	104849	26.79	ng	#	66
9) Benzaldehyde	5.90	77	20379	6.92	ng	#	82
10) Phenol	6.04	94	57822	10.61	ng	#	56
11) bis(2-Chloroethyl)ether	6.11	93	163164	41.49	ng		98
12) 1,3-Dichlorobenzene	6.30	146	156079	37.33	ng	#	94
13) 1,4-Dichlorobenzene	6.38	146	159877	37.55	ng	#	91
14) 1,2-Dichlorobenzene	6.52	146	135608m	35.38	ng		
15) Benzyl Alcohol	6.52	79	101525	26.33	ng	#	72
16) 2,2'-oxybis(1-Chloropropan	6.66	45	326435	43.30	ng		49
17) 2-Methylphenol	6.66	107	74581	23.89	ng	#	66
18) Hexachloroethane	6.87	117	63860	38.56	ng		94
19) n-Nitroso-di-n-propylamine	6.81	70	137106	42.86	ng	#	83
20) 3+4-Methylphenols	6.82	107	84940	20.18	ng		88
22) Acetophenone	6.79	105	245143	47.16	ng	#	76
24) Nitrobenzene	6.96	77	208711	50.95	ng	#	64
25) Isophorone	7.20	82	317198	43.24	ng	#	81
26) 2-Nitrophenol	7.28	139	66730	37.38	ng	#	53
27) 2,4-Dimethylphenol	7.35	122	100486	32.59	ng	#	83
28) bis(2-Chloroethoxy)methane	7.43	93	183863	43.39	ng	#	92
29) 2,4-Dichlorophenol	7.53	162	95259	35.63	ng		96
30) 1,2,4-Trichlorobenzene	7.60	180	129175	44.47	ng		98
31) Naphthalene	7.67	128	418499	41.24	ng		97
32) Benzoic acid	7.46	122	23620	12.70	ng	#	60
33) 4-Chloroaniline	7.74	127	114069	27.56	ng	#	81
34) Hexachlorobutadiene	7.79	225	75467	42.69	ng		97
35) Caprolactam	8.15	113	8299m	10.12	ng		
36) 4-Chloro-3-methylphenol	8.24	107	108996	36.42	ng	#	73
37) 2-Methylnaphthalene	8.36	142	311268	47.13	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	119717	39.80	ng		97
40) Hexachlorocyclopentadiene	8.51	237	113400	76.82	ng		95

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081491.D
Acq On : 6 Sep 2015 5:08
Operator : UM/IZ
Sample : G3419-06MSD
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HX2MSD

Manual Integrations APPROVED
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9/8/2015 3:57:01 PM

Quant Time: Sep 08 11:13:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 04:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	64179	30.92	ng		99
43) 2,4,5-Trichlorophenol	8.71	196	69089	32.62	ng	#	92
45) 1,1'-Biphenyl	8.83	154	366567	41.89	ng		95
46) 2-Chloronaphthalene	8.84	162	245535	38.86	ng	#	87
47) 2-Nitroaniline	8.96	65	120394	46.75	ng	#	61
48) Acenaphthylene	9.26	152	449152	40.06	ng		96
49) Dimethylphthalate	9.15	163	339538	45.95	ng	#	97
50) 2,6-Dinitrotoluene	9.21	165	68625	40.92	ng	#	88
51) Acenaphthene	9.43	154	278667	43.69	ng		89
52) 3-Nitroaniline	9.37	138	63131	33.06	ng	#	58
53) 2,4-Dinitrophenol	9.48	184	54726	77.47	ng	#	63
54) Dibenzofuran	9.60	168	408177	43.83	ng	#	87
55) 4-Nitrophenol	9.58	139	23229m	19.36	ng		
56) 2,4-Dinitrotoluene	9.60	165	85647	40.10	ng	#	1
57) Fluorene	9.93	166	290716	41.14	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.72	232	53180m	32.89	ng		
59) Diethylphthalate	9.84	149	307743	39.59	ng		95
60) 4-Chlorophenyl-phenylether	9.94	204	147048	44.64	ng		96
61) 4-Nitroaniline	9.98	138	67996	35.25	ng	#	24
62) Azobenzene	10.09	77	340699	39.42	ng		80
64) 4,6-Dinitro-2-methylphenol	10.01	198	38537	39.17	ng		95
65) n-Nitrosodiphenylamine	10.07	169	262124	40.95	ng		92
66) 4-Bromophenyl-phenylether	10.42	248	81384	45.76	ng		96
67) Hexachlorobenzene	10.48	284	85668	46.07	ng	#	79
68) Atrazine	10.60	200	76321	41.20	ng		81
69) Pentachlorophenol	10.68	266	71989	79.57	ng		97
70) Phenanthrene	10.88	178	389140	39.79	ng		96
71) Anthracene	10.94	178	416488	41.45	ng		98
72) Carbazole	11.10	167	378029	40.10	ng	#	95
73) Di-n-butylphthalate	11.45	149	519407	46.65	ng	#	98
74) Fluoranthene	12.06	202	451900	42.69	ng		84
77) Pyrene	12.27	202	453389	45.28	ng		99
79) Butylbenzylphthalate	12.93	149	222215	51.02	ng		90
80) Benzo(a)anthracene	13.45	228	349183	40.56	ng		97
81) 3,3'-Dichlorobenzidine	13.43	252	65480	22.55	ng	#	96
82) Chrysene	13.49	228	283178	36.69	ng		95
83) Bis(2-ethylhexyl)phthalate	13.49	149	261872	45.56	ng	#	88
84) Di-n-octyl phthalate	14.09	149	397370	41.99	ng		96
85) Indeno(1,2,3-cd)pyrene	15.84	276	266687	47.10	ng	#	84
87) Benzo(b)fluoranthene	14.45	252	305148m	46.23	ng		
88) Benzo(k)fluoranthene	14.47	252	207333m	37.85	ng		
89) Benzo(a)pyrene	14.72	252	233799	41.80	ng	#	87
90) Dibenzo(a,h)anthracene	15.85	278	217267	50.27	ng	#	81
91) Benzo(g,h,i)perylene	16.16	276	220458	53.44	ng	#	76

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 04:41:53 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
HX2MSD

Manual Integrations APPROVED
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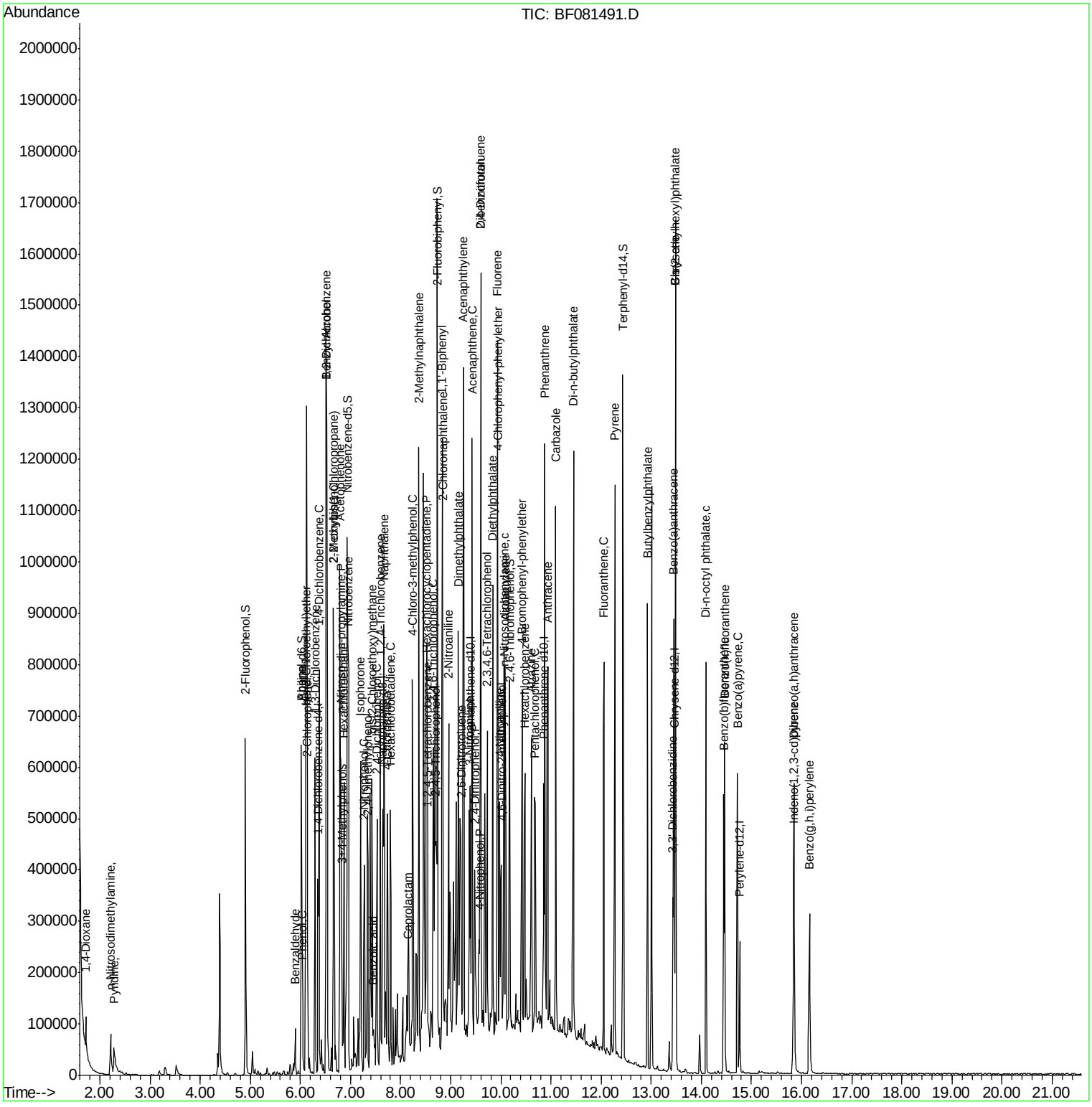
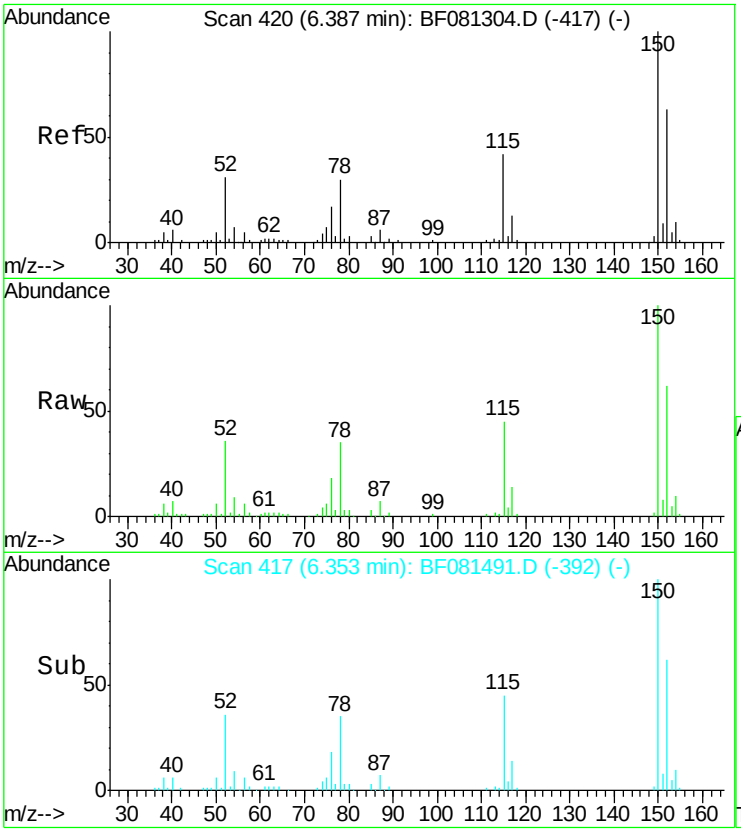
9/8/2015 3:57:01 PM

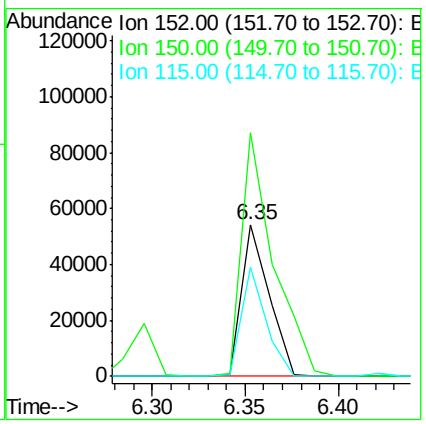




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:152 Resp: 55098

Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.7	187.1
115	72.2	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
HX2MSD

Manual Integrations APPROVED
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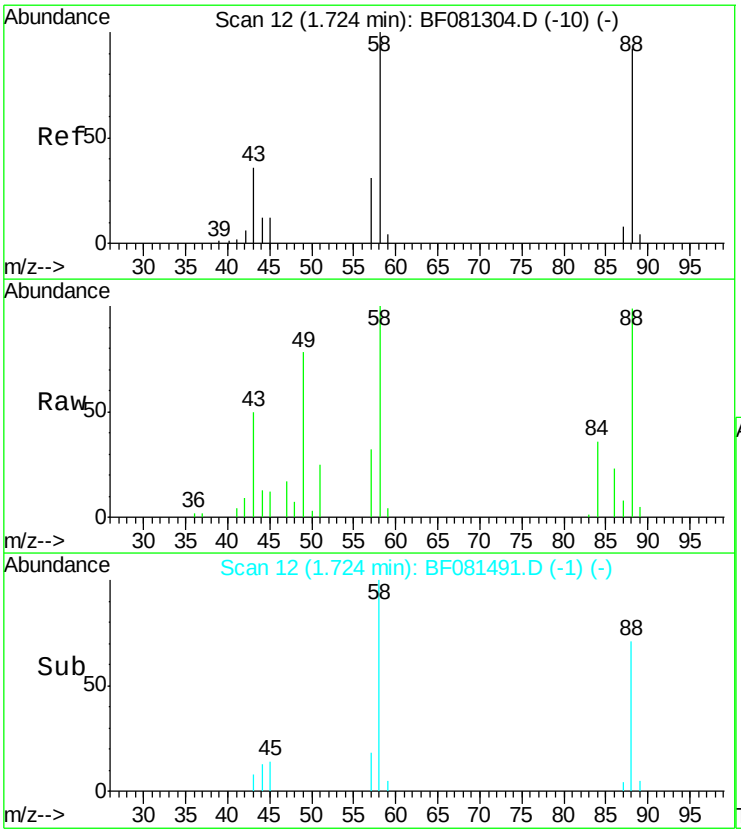
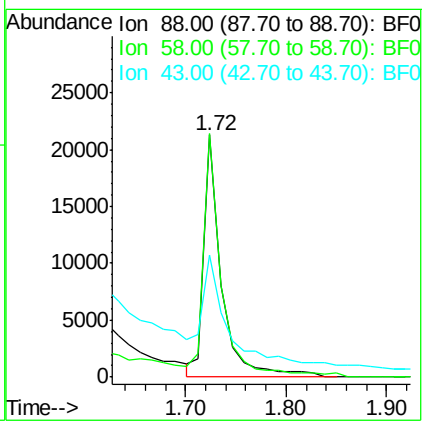
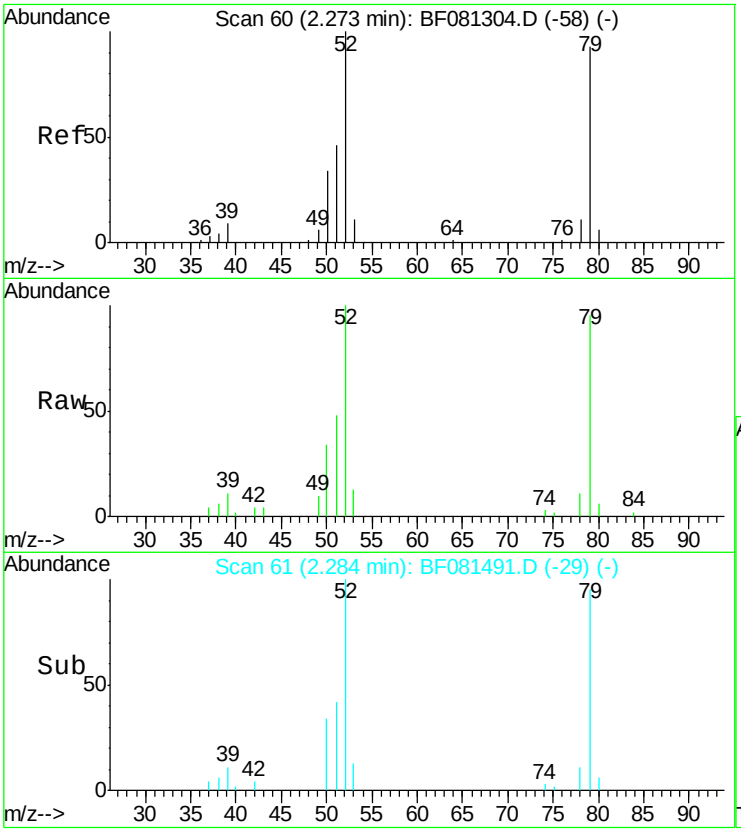


#2
1,4-Dioxane
Concen: 16.38 ng
RT: 1.72 min Scan# 12
Delta R.T. 0.06 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 88 Resp: 26131

Ion	Ratio	Lower	Upper
88	100		
58	103.5	77.7	116.5
43	78.5	26.6	40.0#

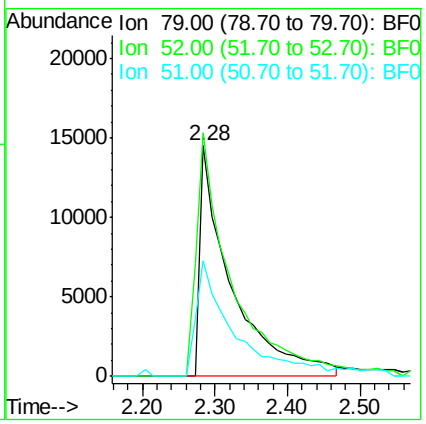




#3
Pyridine
Concen: 9.93 ng
RT: 2.28 min Scan# 61
Delta R.T. 0.07 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 79 Resp: 43671

Ion	Ratio	Lower	Upper
79	100		
52	105.8	76.8	115.2
51	50.5	32.2	48.4#



Instrument :
BNA_F
ClientSampleId :
HX2MSD

Manual Integrations APPROVED
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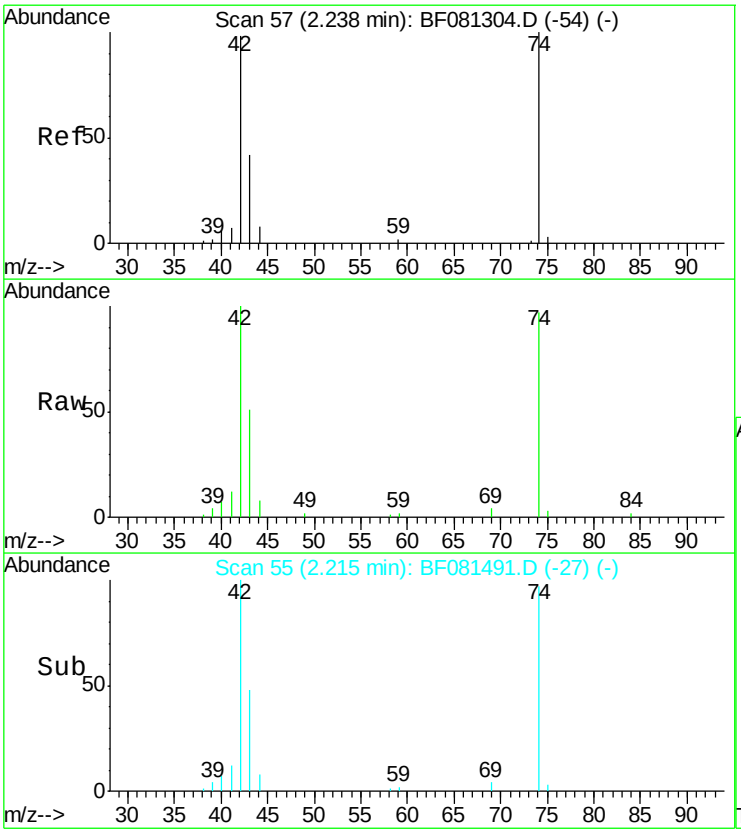
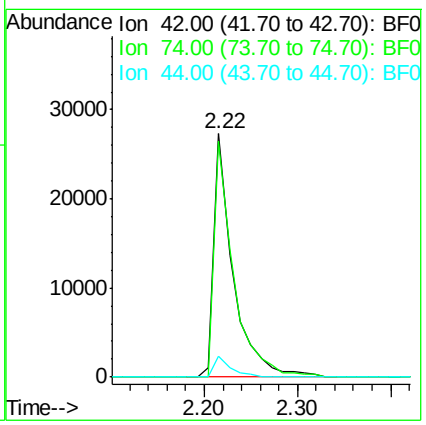
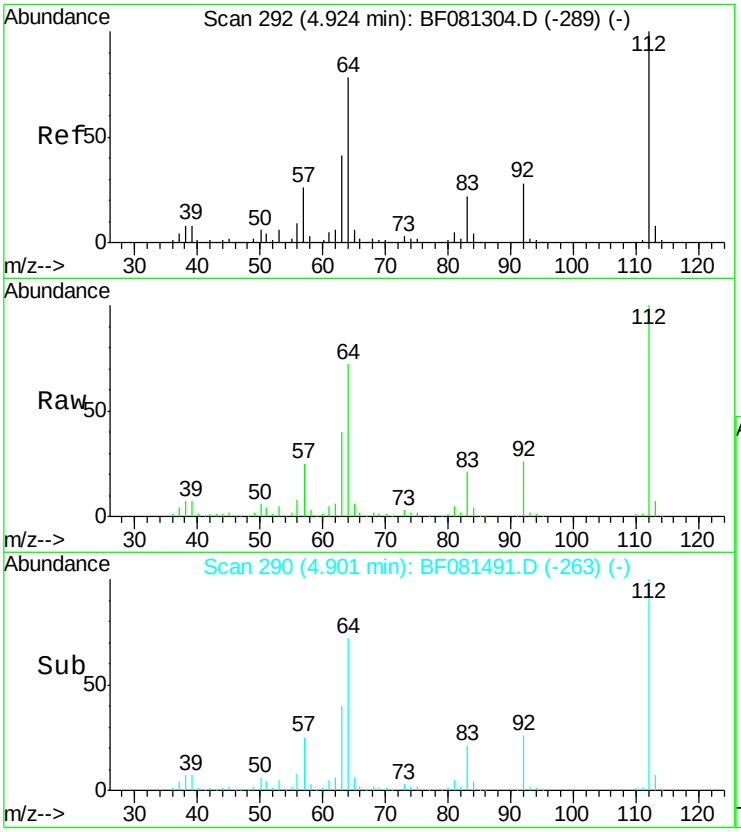


#4
n-Nitrosodimethylamine
Concen: 16.01 ng
RT: 2.22 min Scan# 55
Delta R.T. 0.02 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 42 Resp: 39106

Ion	Ratio	Lower	Upper
42	100		
74	97.2	105.0	157.6#
44	8.4	6.6	10.0





#5
2-Fluorophenol
Concen: 48.74 ng
RT: 4.90 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:112 Resp: 173086

Ion	Ratio	Lower	Upper
112	100		
64	72.1	39.7	59.5#
63	39.8	17.4	26.0#

Instrument :
BNA_F
ClientSampleId :
HX2MSD

Manual Integrations APPROVED
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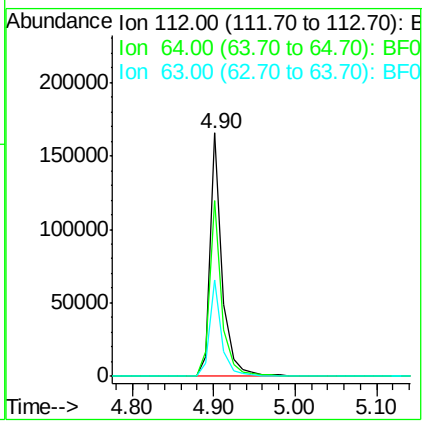
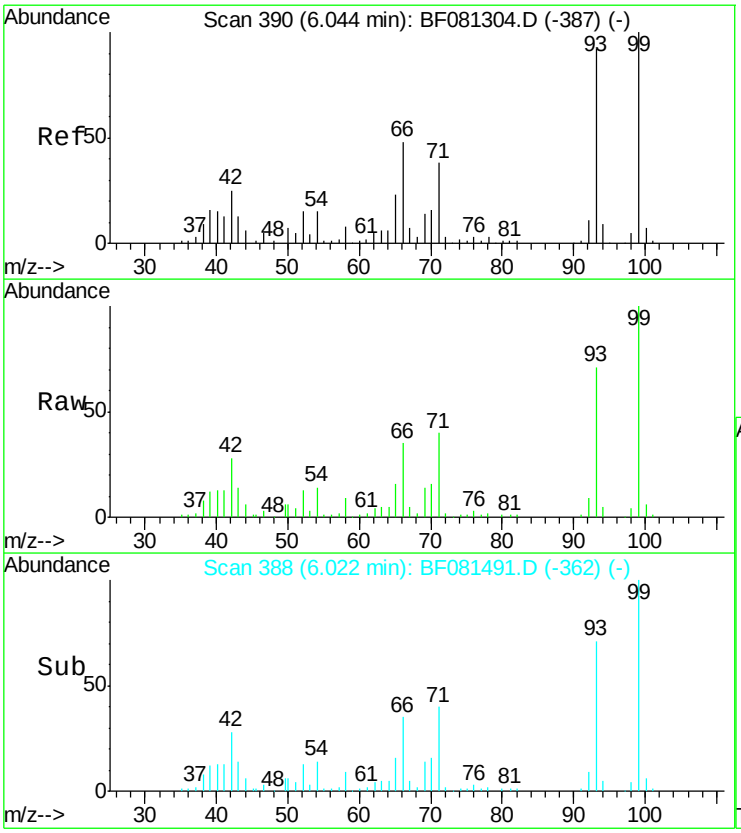
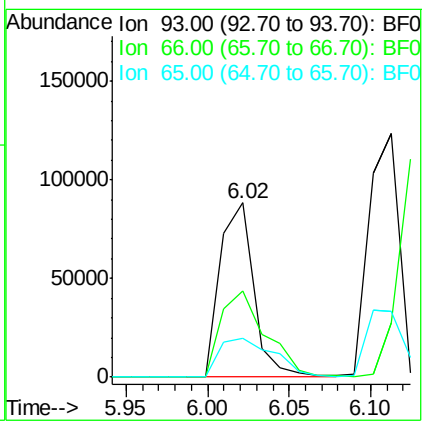


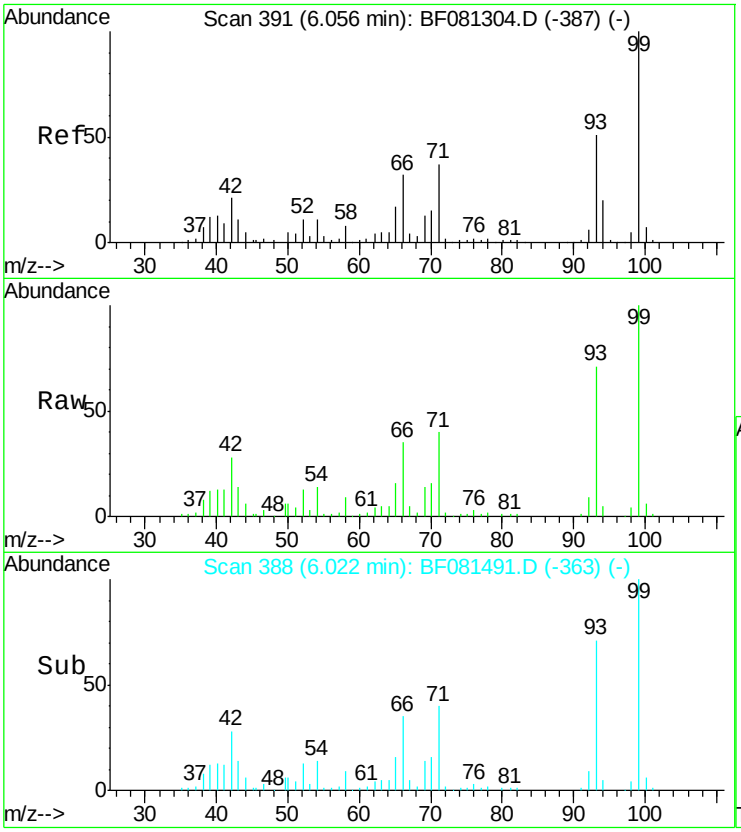


#6
Aniline
Concen: 19.01 ng
RT: 6.02 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 93 Resp: 126207

Ion	Ratio	Lower	Upper
93	100		
66	49.7	27.2	40.8#
65	22.0	14.7	22.1

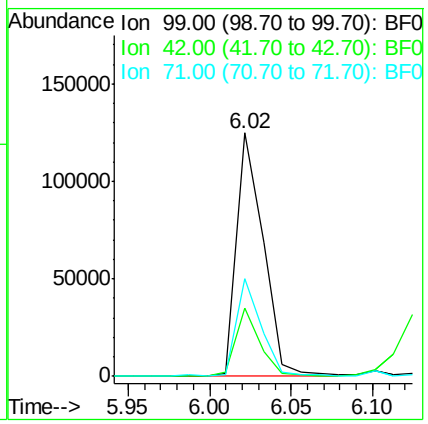




#7
Phenol-d6
Concen: 29.96 ng
RT: 6.02 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 99 Resp: 140848

Ion	Ratio	Lower	Upper
99	100		
42	27.8	13.7	20.5#
71	40.4	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
HX2MSD

Manual Integrations APPROVED
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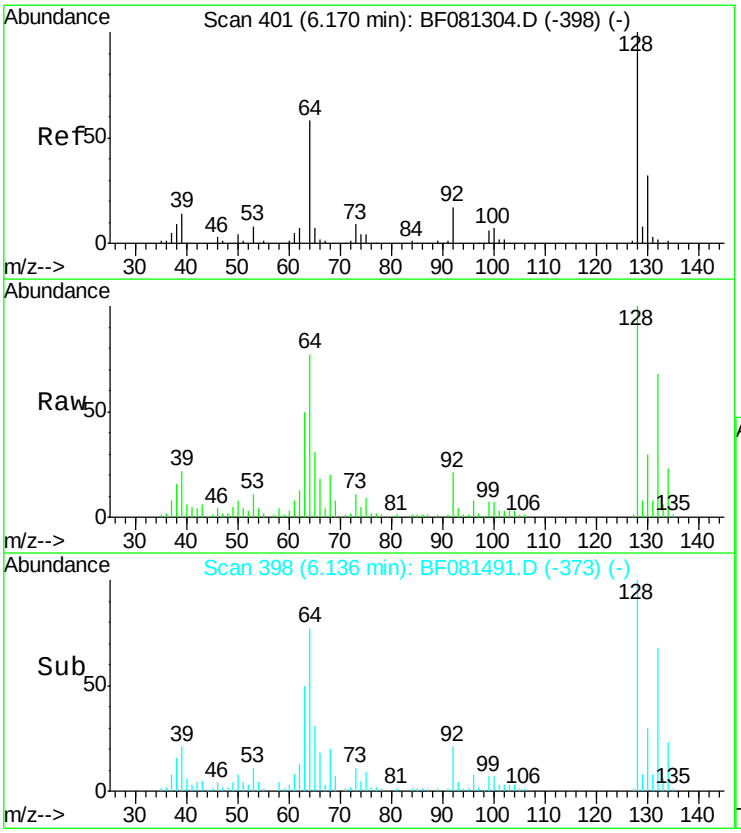
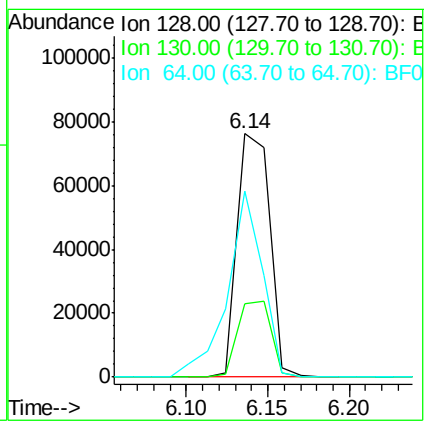
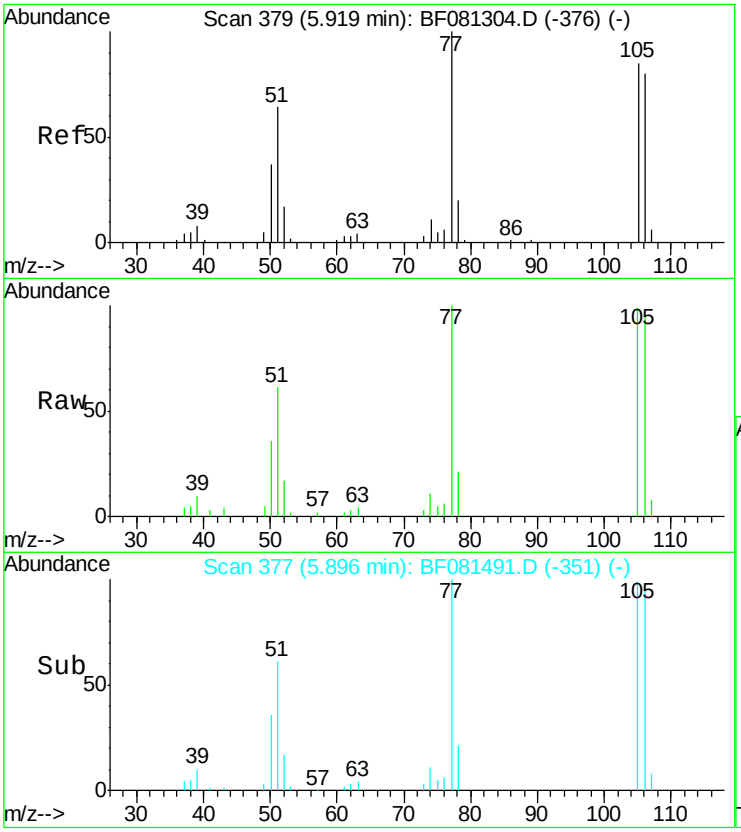


#8
2-Chlorophenol
Concen: 26.79 ng
RT: 6.14 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:128 Resp: 104849

Ion	Ratio	Lower	Upper
128	100		
130	30.2	12.2	52.2
64	76.6	20.5	60.5#

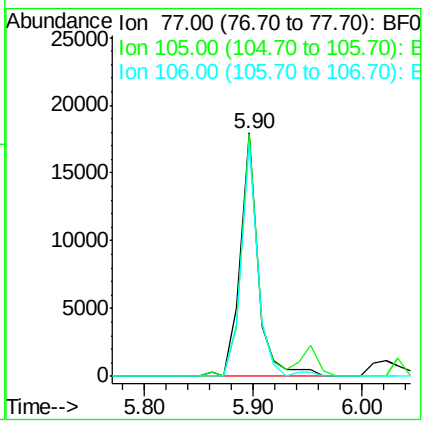




#9
Benzaldehyde
Concen: 6.92 ng
RT: 5.90 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 77 Resp: 20379

Ion	Ratio	Lower	Upper
77	100		
105	99.4	91.6	131.6
106	95.8	102.6	142.6#



Instrument :
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Manual Integrations APPROVED
MMDadoda
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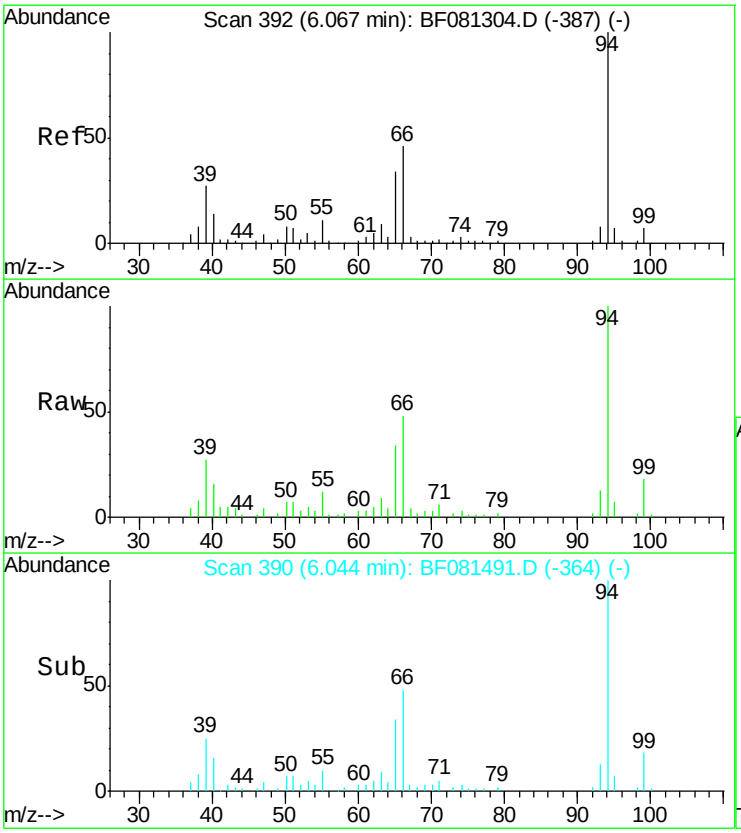
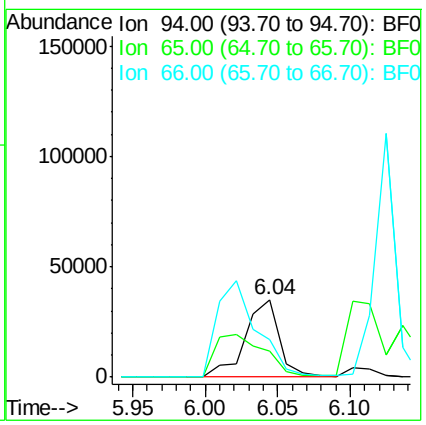
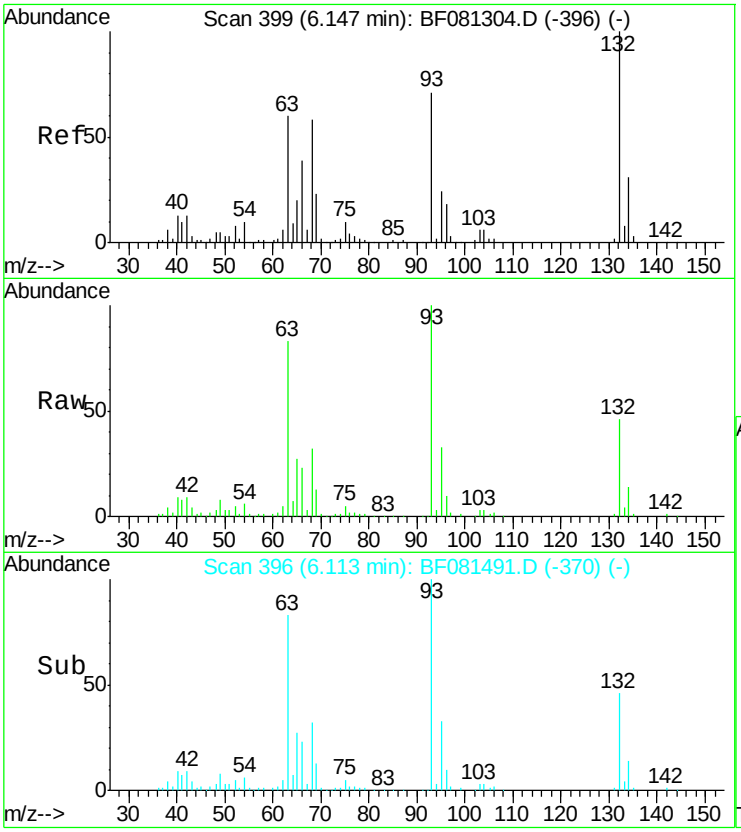


#10
Phenol
Concen: 10.61 ng
RT: 6.04 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 94 Resp: 57822

Ion	Ratio	Lower	Upper
94	100		
65	34.4	0.7	40.7
66	48.0	0.8	40.8#

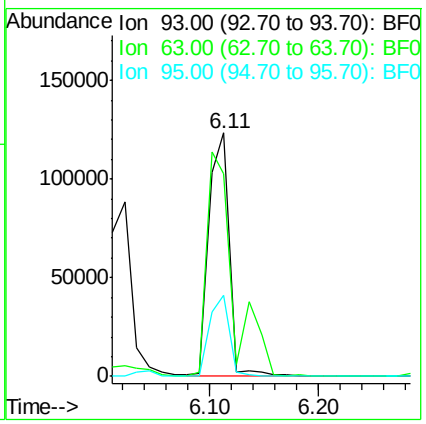




#11
bis(2-Chloroethyl)ether
Concen: 41.49 ng
RT: 6.11 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 93 Resp: 163164

Ion	Ratio	Lower	Upper
93	100		
63	83.2	65.6	105.6
95	33.1	13.6	53.6



Instrument :
BNA_F
ClientSampleId :
HX2MSD

Manual Integrations APPROVED
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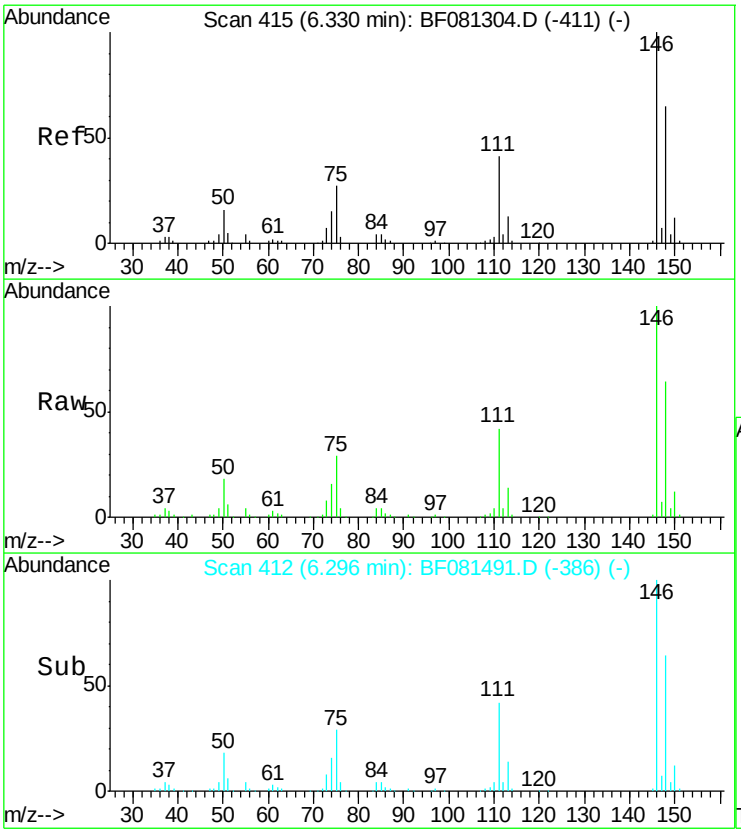
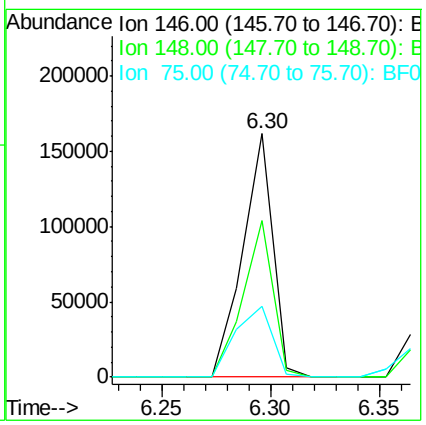
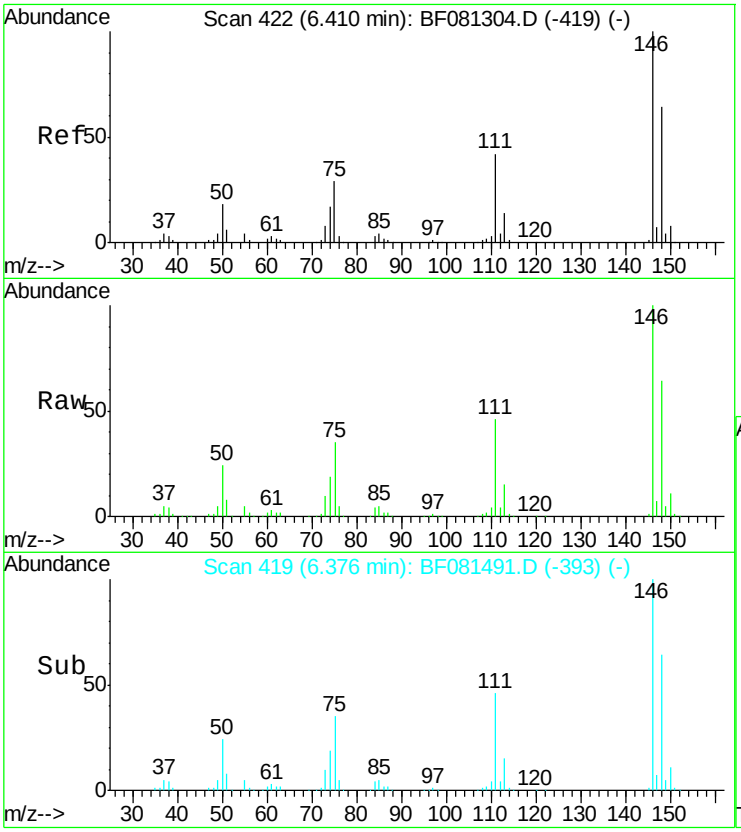


#12
1,3-Dichlorobenzene
Concen: 37.33 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:146 Resp: 156079

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.4
75	29.0	15.0	22.6#

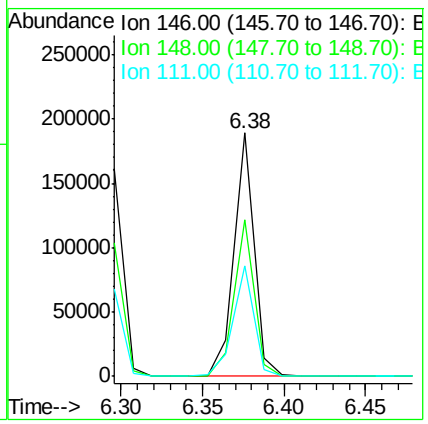




#13
1,4-Dichlorobenzene
Concen: 37.55 ng
RT: 6.38 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:146 Resp: 159877

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.6
111	45.6	24.9	37.3#



Instrument :
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ClientSampleId :
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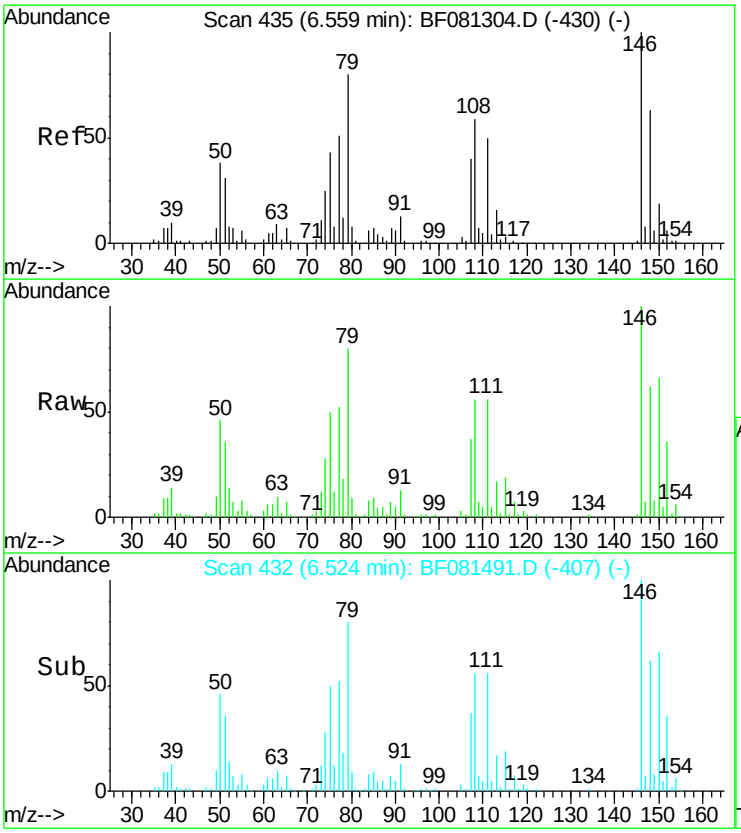
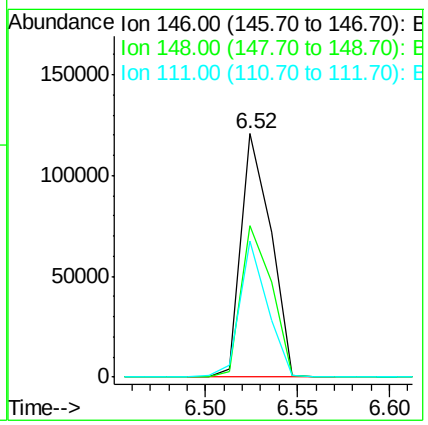
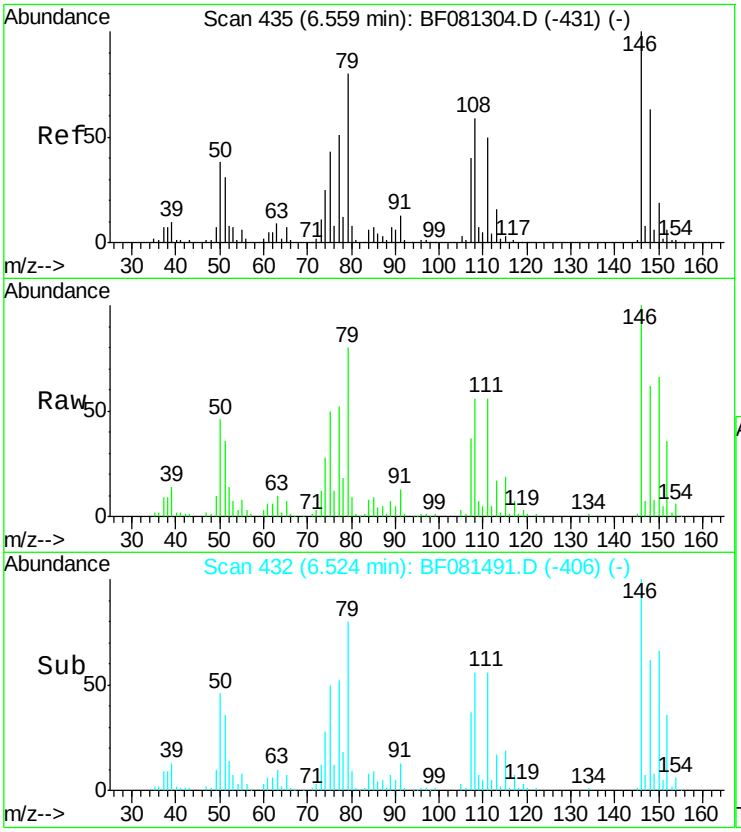


#14
1,2-Dichlorobenzene
Concen: 35.38 ng m
RT: 6.52 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:146 Resp: 135608

Ion	Ratio	Lower	Upper
146	100		
148	62.2	52.7	79.1
111	56.1	28.8	43.2#





#15
Benzyl Alcohol
Concen: 26.33 ng
RT: 6.52 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 79 Resp: 101525

Ion	Ratio	Lower	Upper
79	100		
108	70.1	88.6	132.8#
77	64.4	47.0	70.4

Instrument :
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ClientSampleId :
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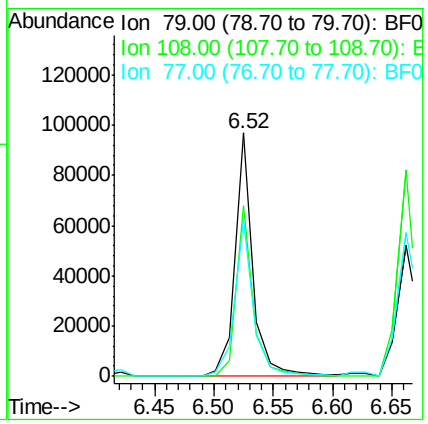
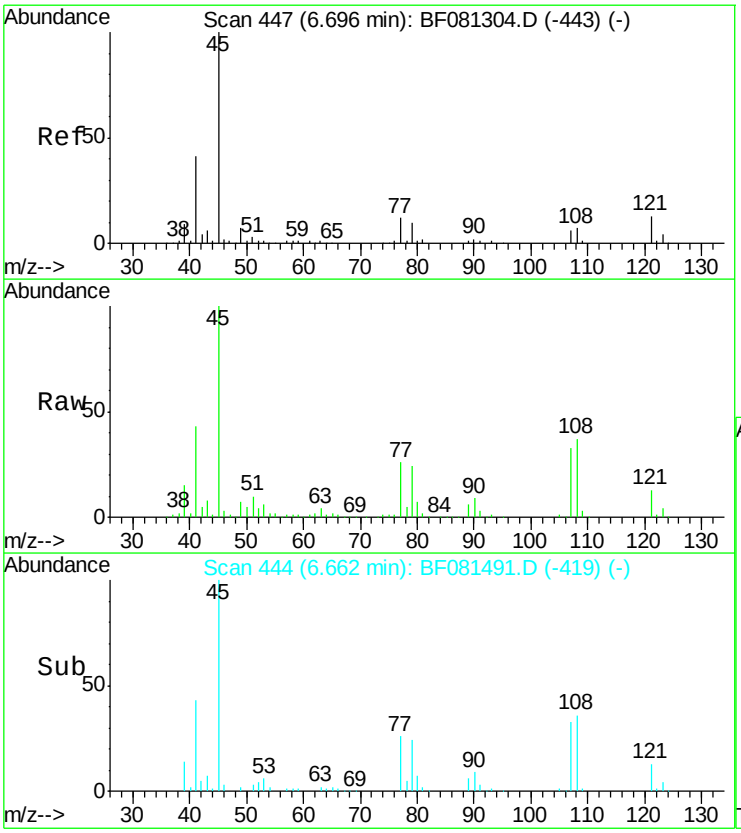
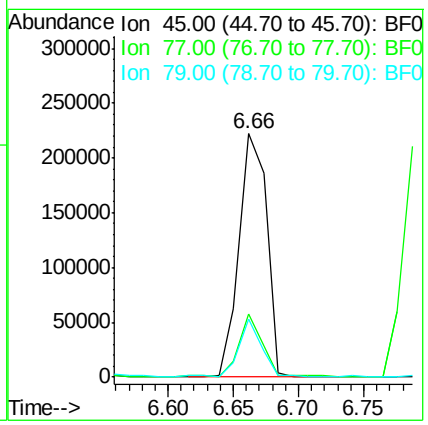


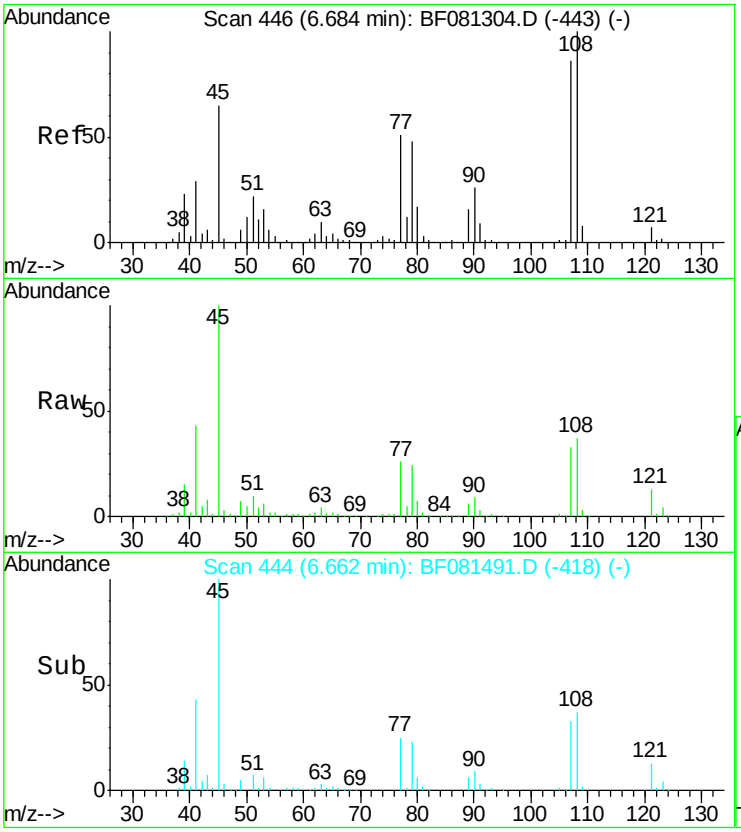


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.30 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 45 Resp: 326435

Ion	Ratio	Lower	Upper
45	100		
77	25.9	0.0	28.1
79	23.6	0.0	26.0

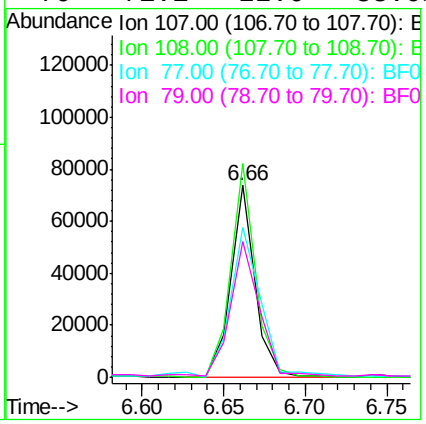




#17
2-Methylphenol
Concen: 23.89 ng
RT: 6.66 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:107 Resp: 74581

Ion	Ratio	Lower	Upper
107	100		
108	111.6	96.6	145.0
77	78.1	23.3	34.9#
79	71.1	22.0	33.0#



Instrument :
BNA_F
ClientSampleId :
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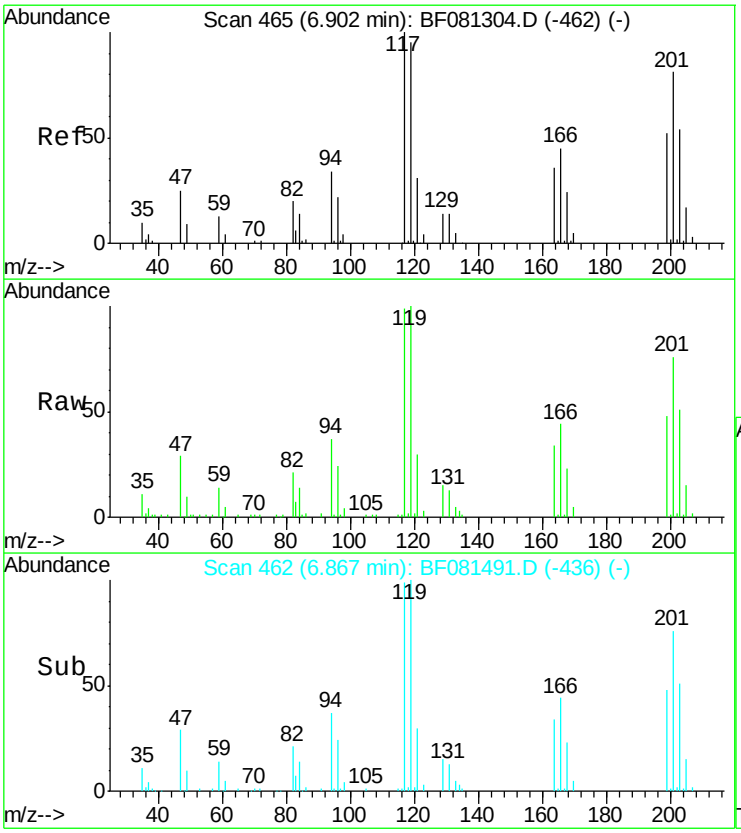
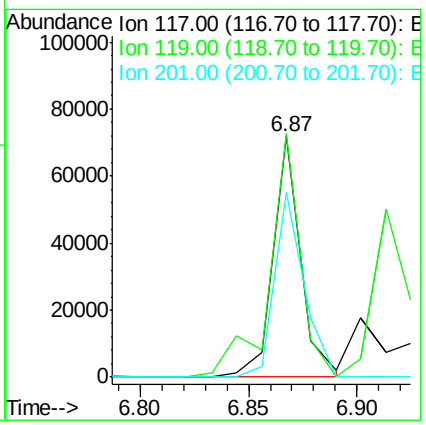
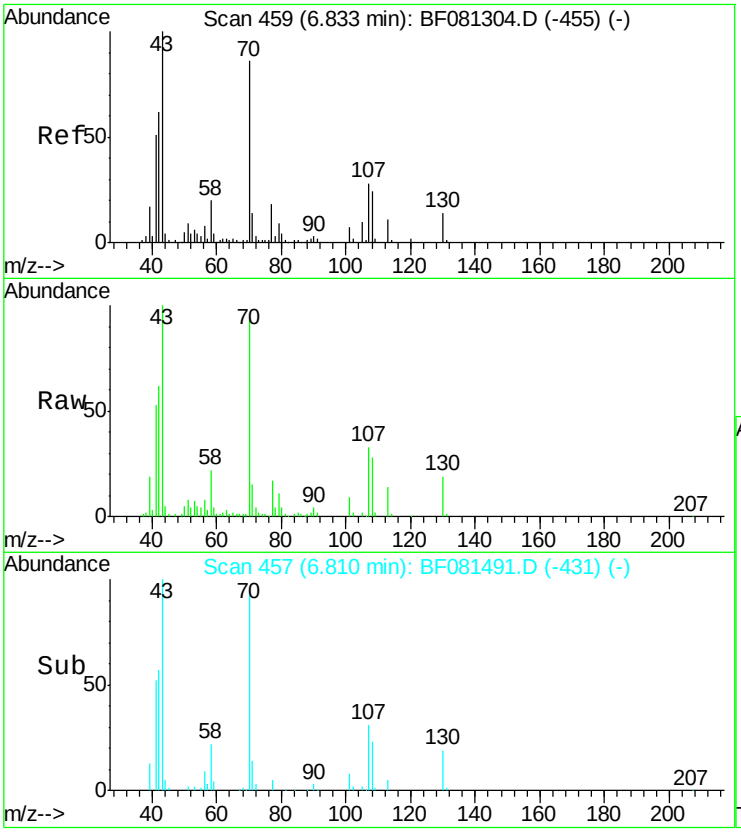


#18
Hexachloroethane
Concen: 38.56 ng
RT: 6.87 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:117 Resp: 63860

Ion	Ratio	Lower	Upper
117	100		
119	101.1	83.8	125.6
201	76.4	55.1	82.7

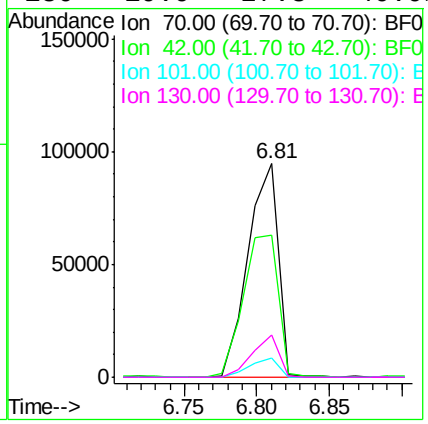




#19
n-Nitroso-di-n-propylamine
Concen: 42.86 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 70 Resp: 137106

Ion	Ratio	Lower	Upper
70	100		
42	66.7	63.8	95.6
101	9.3	9.2	13.8
130	19.9	27.3	40.9#



Instrument :
BNA_F
ClientSampleId :
HX2MSD

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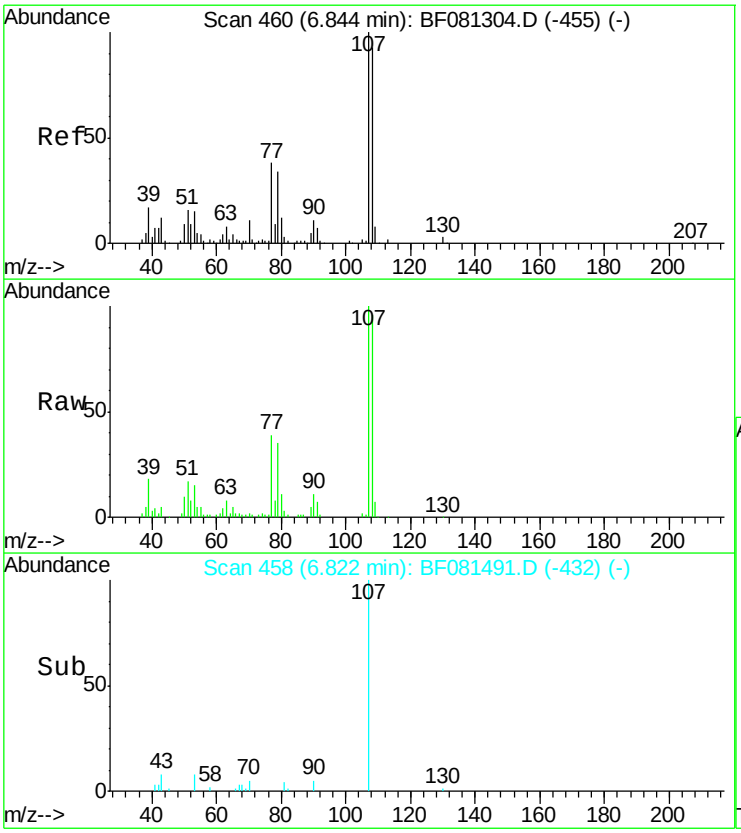
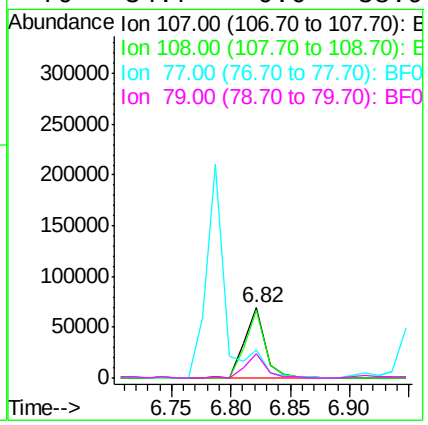
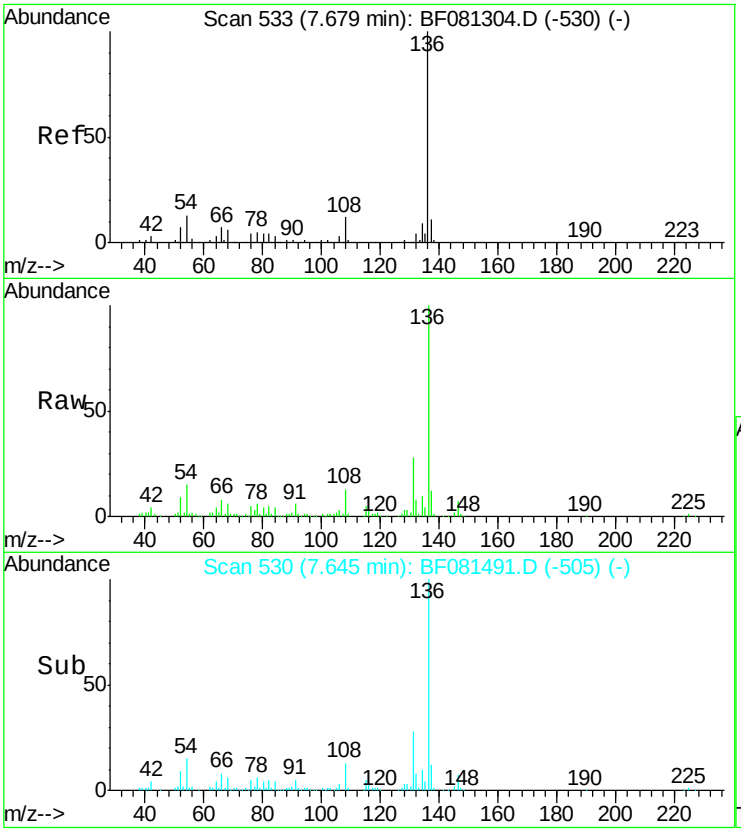


#20
3+4-Methylphenols
Concen: 20.18 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:107 Resp: 84940

Ion	Ratio	Lower	Upper
107	100		
108	96.3	74.6	114.6
77	39.4	0.7	40.7
79	34.7	0.0	38.9

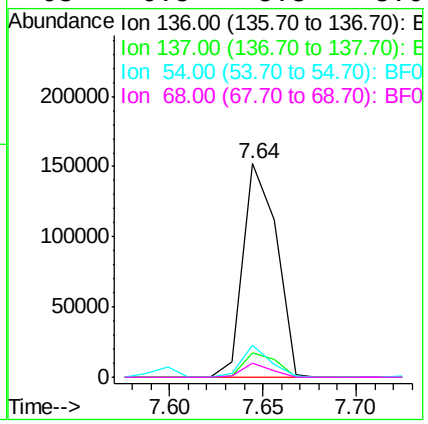




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:136 Resp: 190301

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	14.9	8.2	12.2#
68	6.5	5.8	8.6



Instrument :
BNA_F
ClientSampleId :
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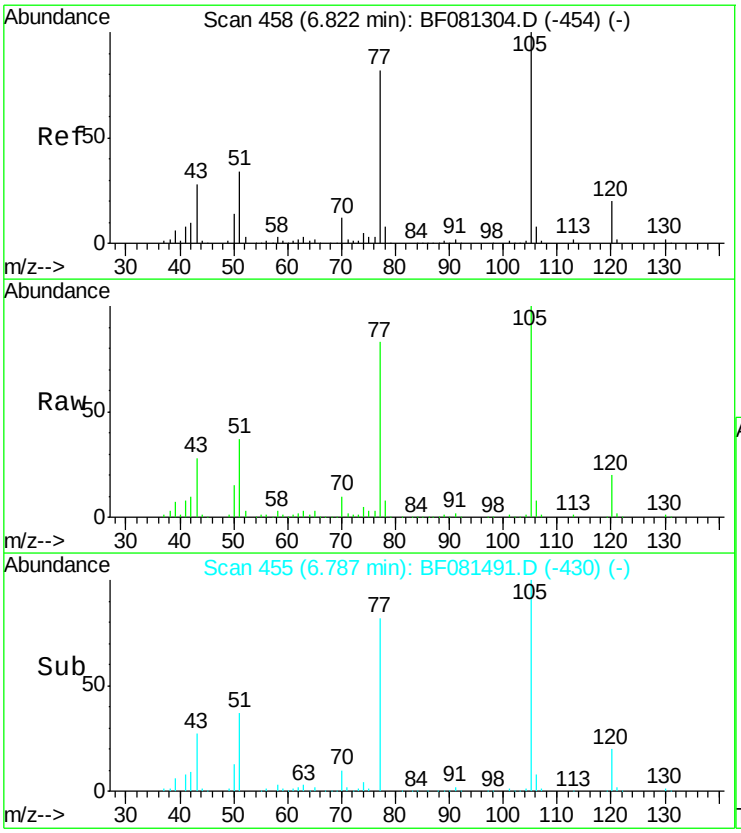
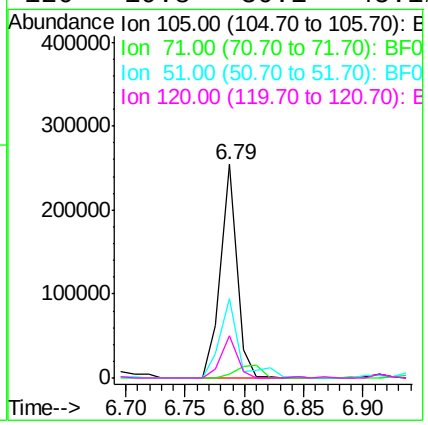
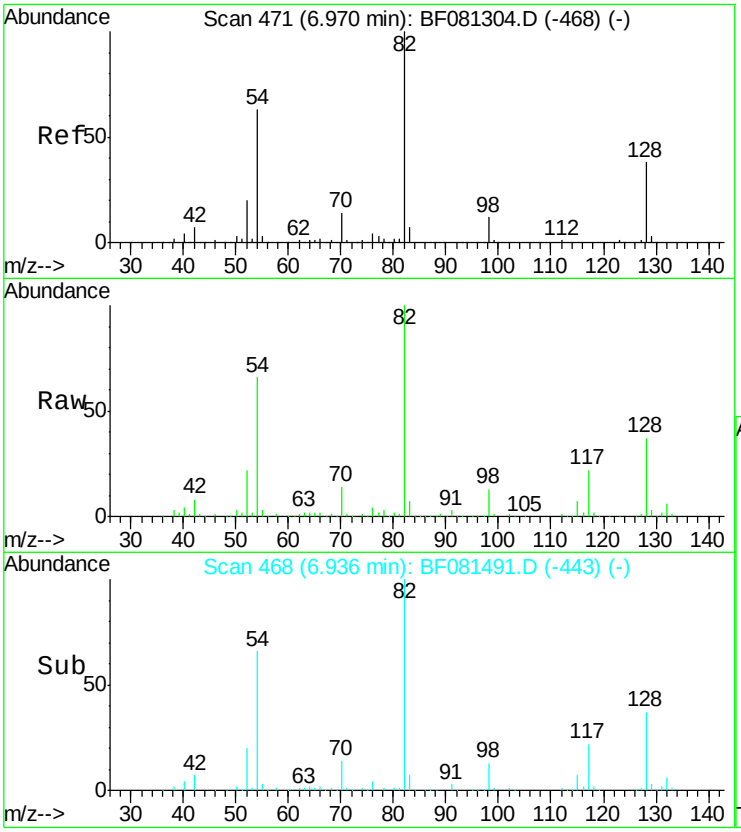


#22
Acetophenone
Concen: 47.16 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:105 Resp: 245143

Ion	Ratio	Lower	Upper
105	100		
71	1.9	4.7	7.1#
51	36.9	22.0	33.0#
120	19.8	30.1	45.1#





#23
Nitrobenzene-d5
Concen: 100.24 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 82 Resp: 395372

Ion	Ratio	Lower	Upper
82	100		
128	36.8	51.0	76.6#
54	66.3	47.5	71.3

Instrument :
BNA_F
ClientSampleId :
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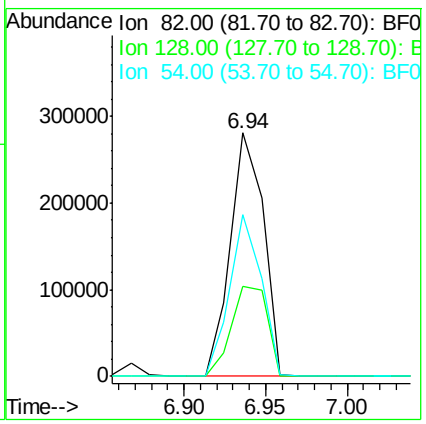
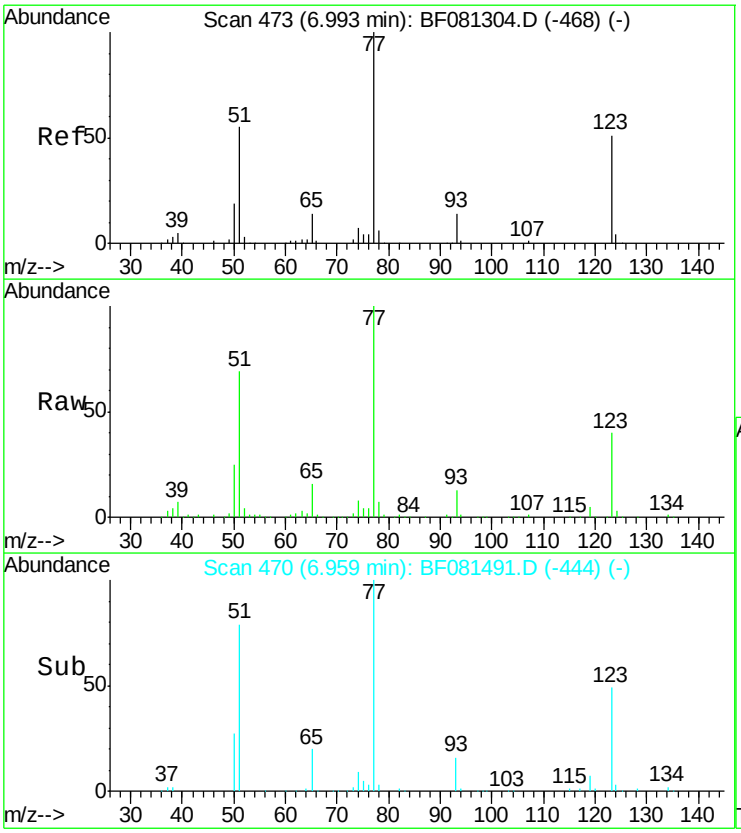
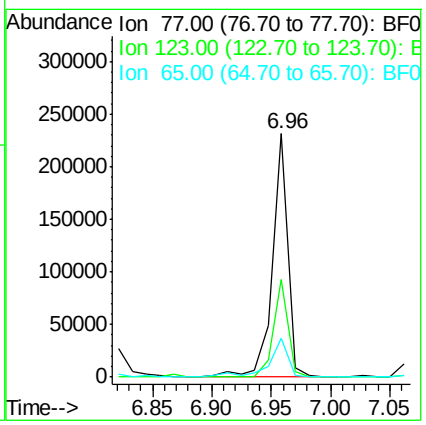


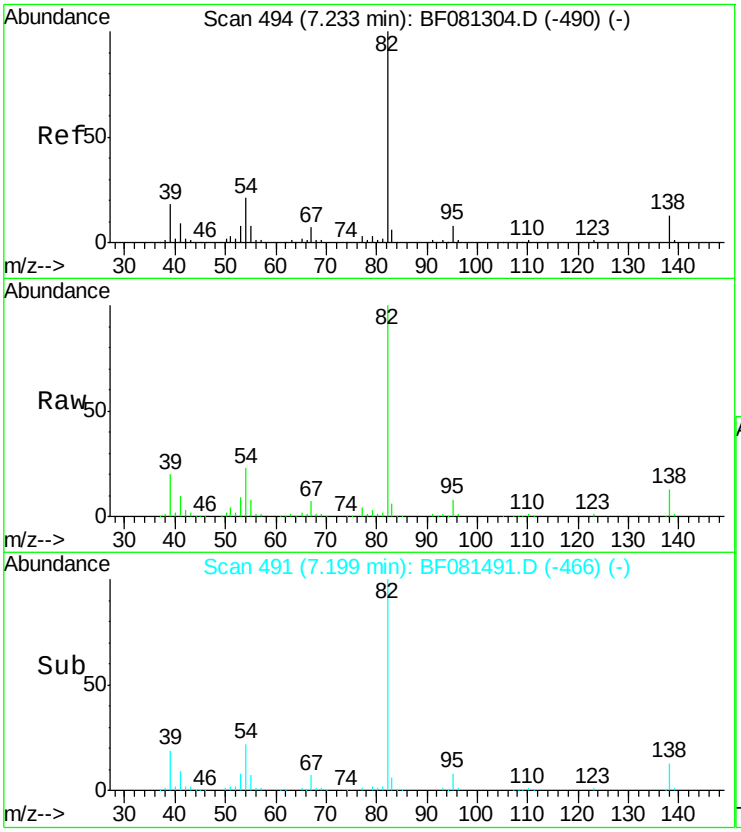


#24
Nitrobenzene
Concen: 50.95 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 77 Resp: 208711

Ion	Ratio	Lower	Upper
77	100		
123	40.1	59.8	89.8#
65	16.2	10.2	15.4#

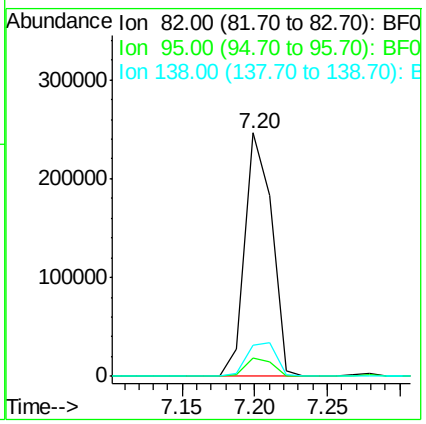




#25
Isophorone
Concen: 43.24 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 82 Resp: 317198

Ion	Ratio	Lower	Upper
82	100		
95	7.5	4.0	6.0#
138	12.8	18.3	27.5#



Instrument :
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ClientSampleId :
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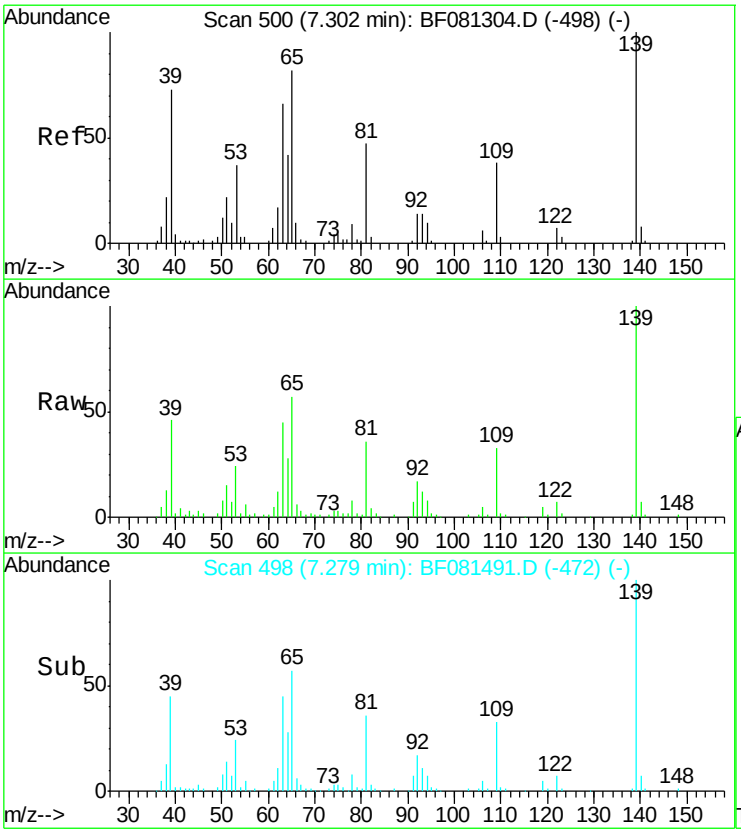
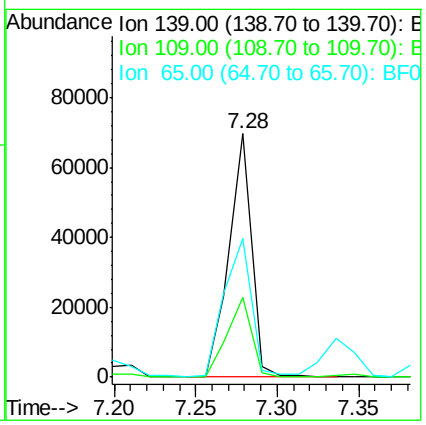
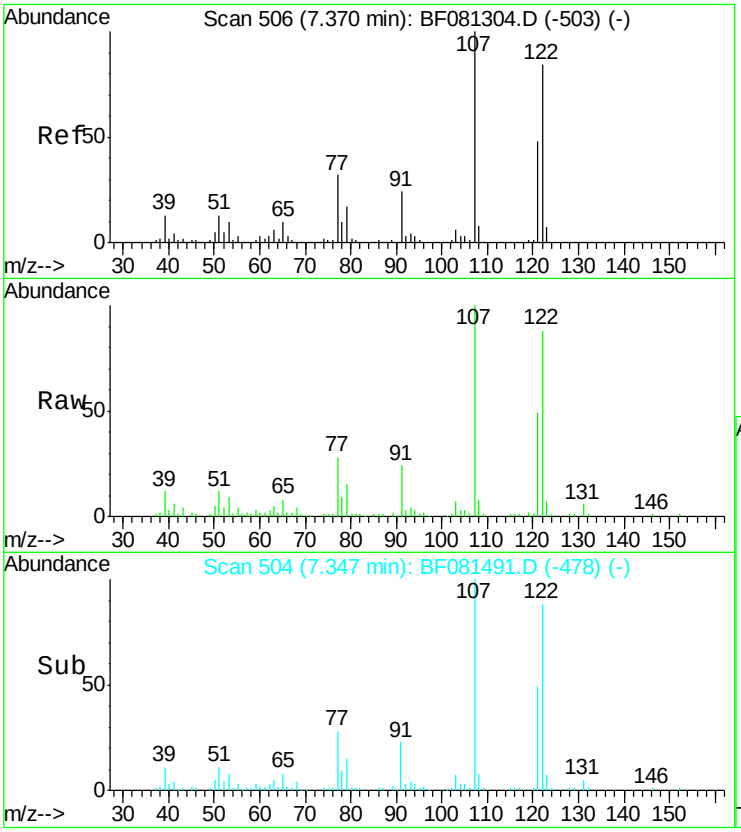


#26
2-Nitrophenol
Concen: 37.38 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:139 Resp: 66730

Ion	Ratio	Lower	Upper
139	100		
109	32.6	11.0	16.4#
65	56.9	24.7	37.1#





#27
2,4-Dimethylphenol
Concen: 32.59 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:122 Resp: 100486

Ion	Ratio	Lower	Upper
122	100		
107	113.2	71.8	107.6#
121	56.0	42.3	63.5

Instrument :
BNA_F
ClientSampleId :
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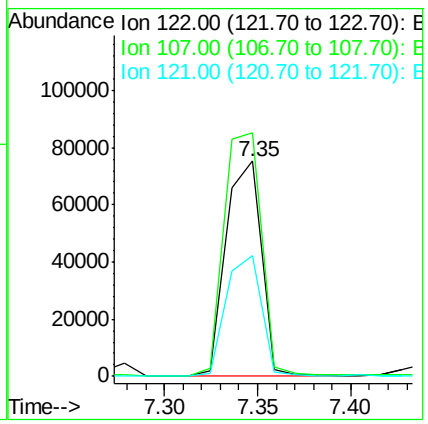
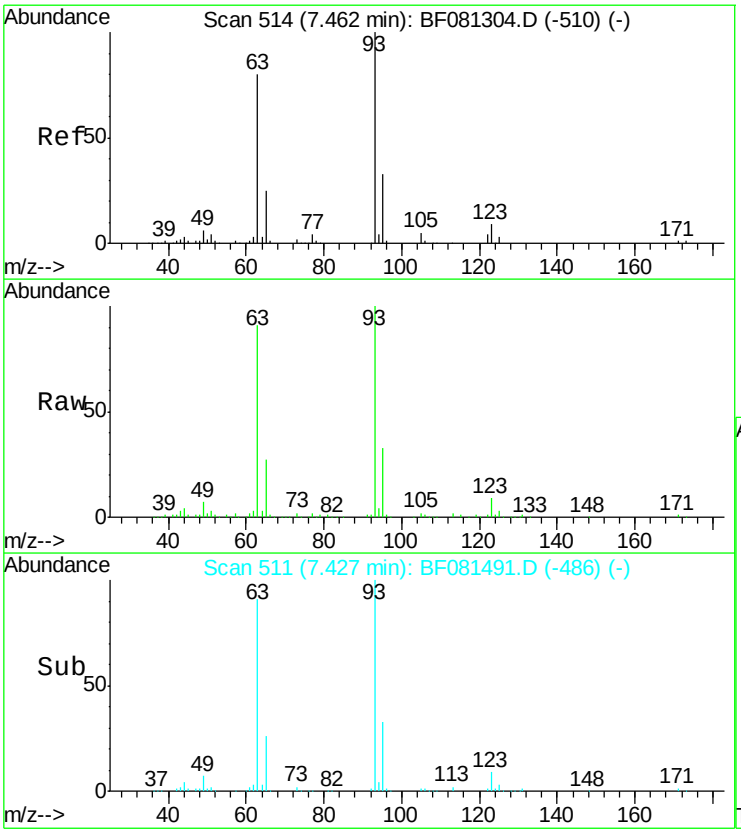
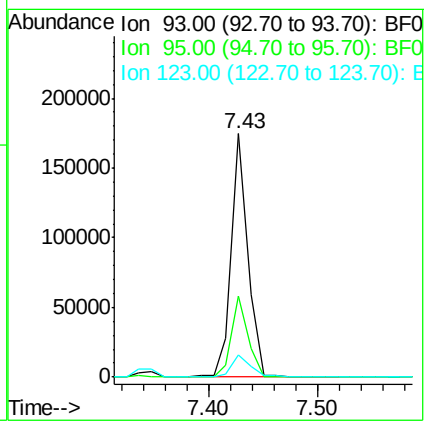


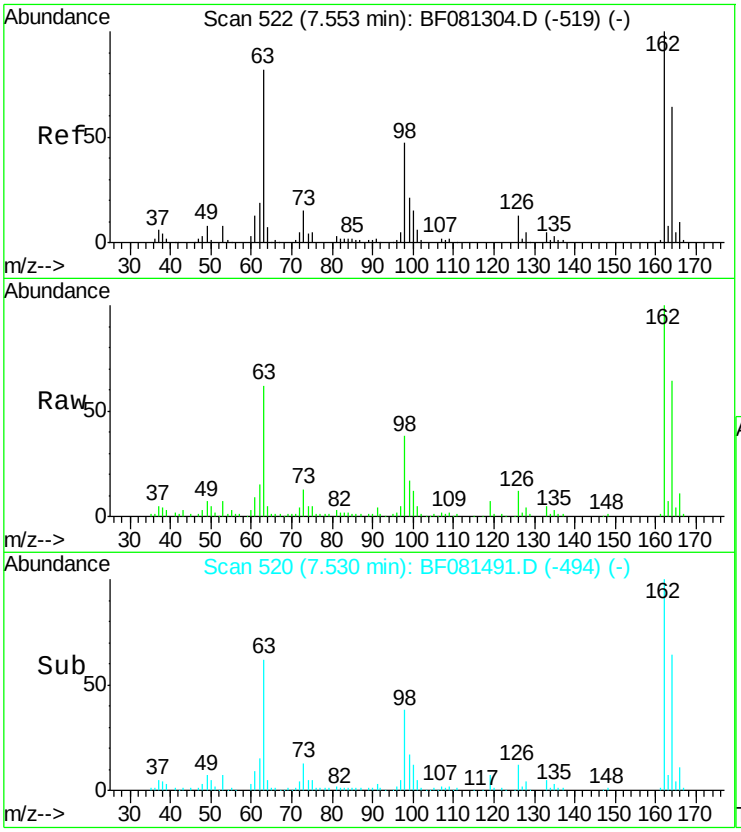


#28
bis(2-Chloroethoxy)methane
Concen: 43.39 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 93 Resp: 183863

Ion	Ratio	Lower	Upper
93	100		
95	33.2	27.5	41.3
123	8.9	13.7	20.5#

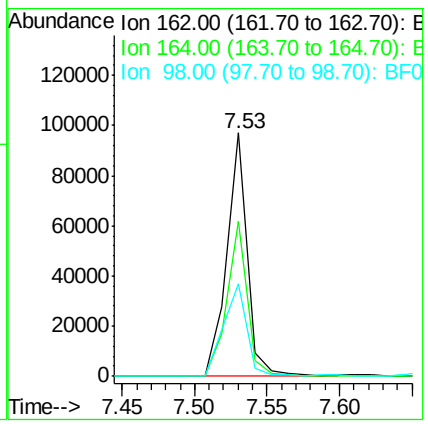




#29
2,4-Dichlorophenol
Concen: 35.63 ng
RT: 7.53 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:162 Resp: 95259

Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.9	84.9
98	38.2	13.0	53.0



Instrument :
BNA_F
ClientSampleId :
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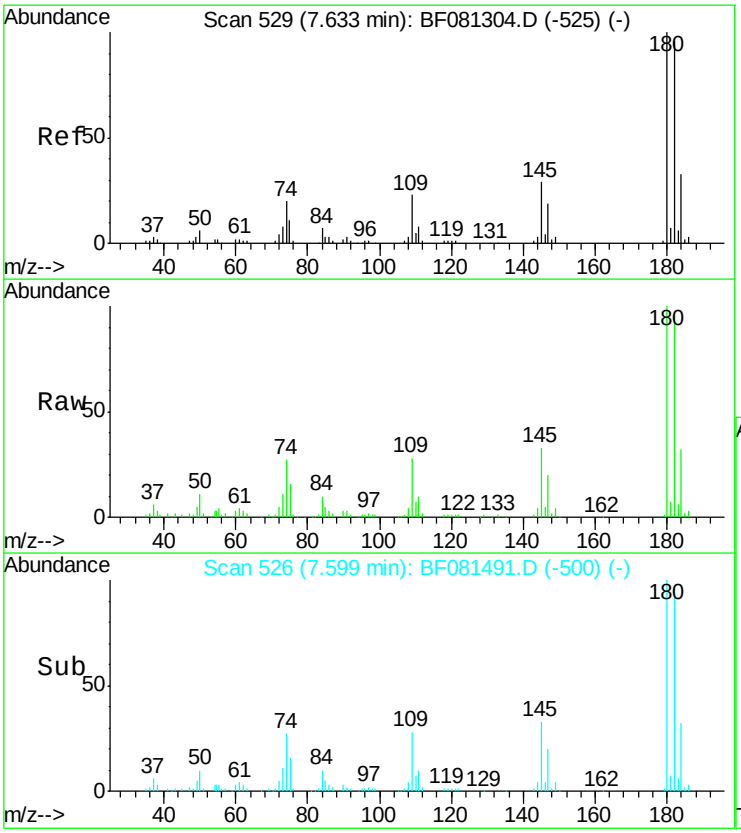
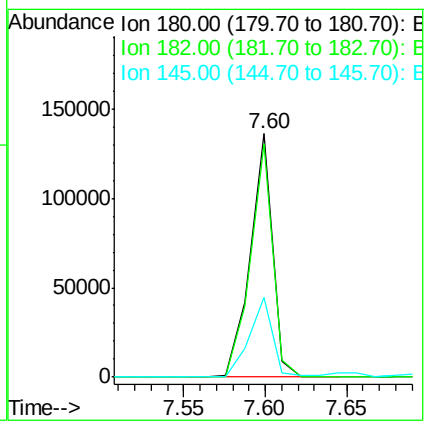
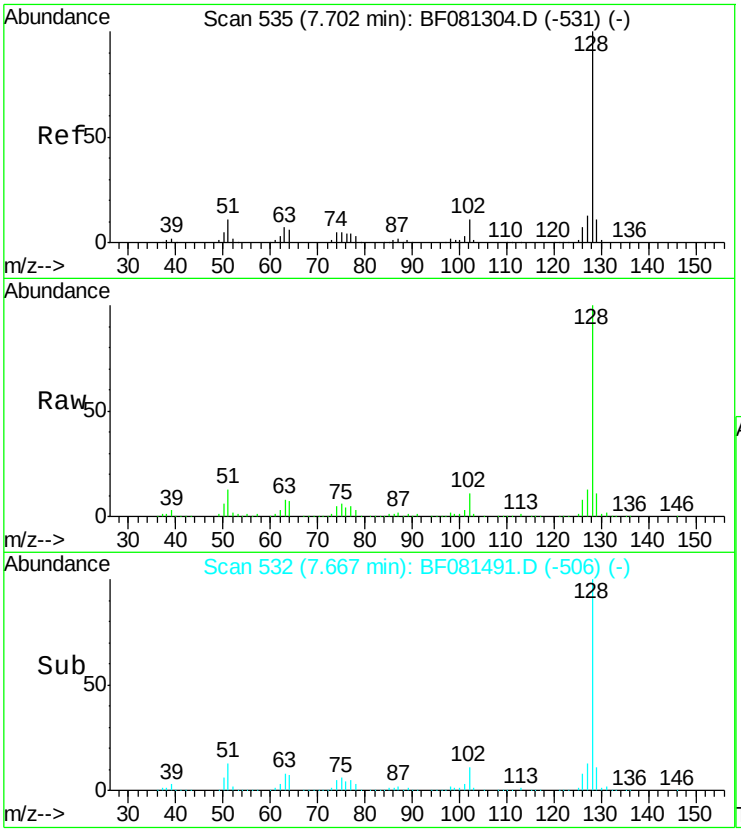


#30
1,2,4-Trichlorobenzene
Concen: 44.47 ng
RT: 7.60 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:180 Resp: 129175

Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.1	115.7
145	32.5	23.3	34.9

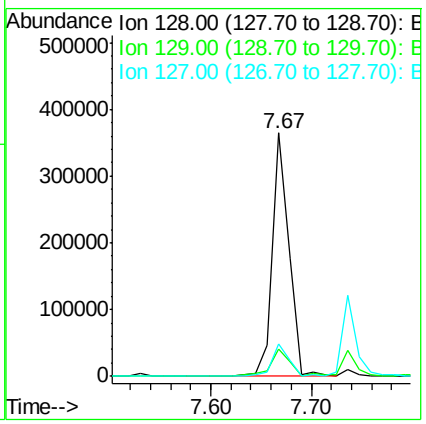




#31
Naphthalene
Concen: 41.24 ng
RT: 7.67 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:128 Resp: 418499

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.4	12.6
127	13.4	9.9	14.9



Instrument :
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ClientSampleId :
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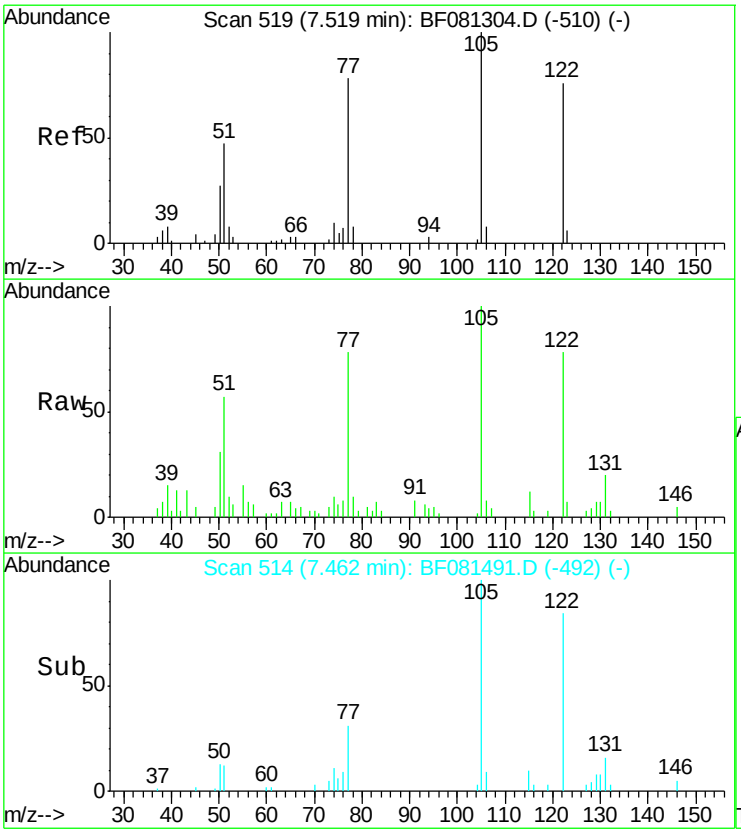
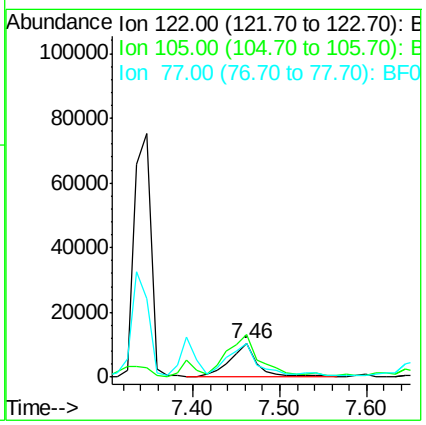
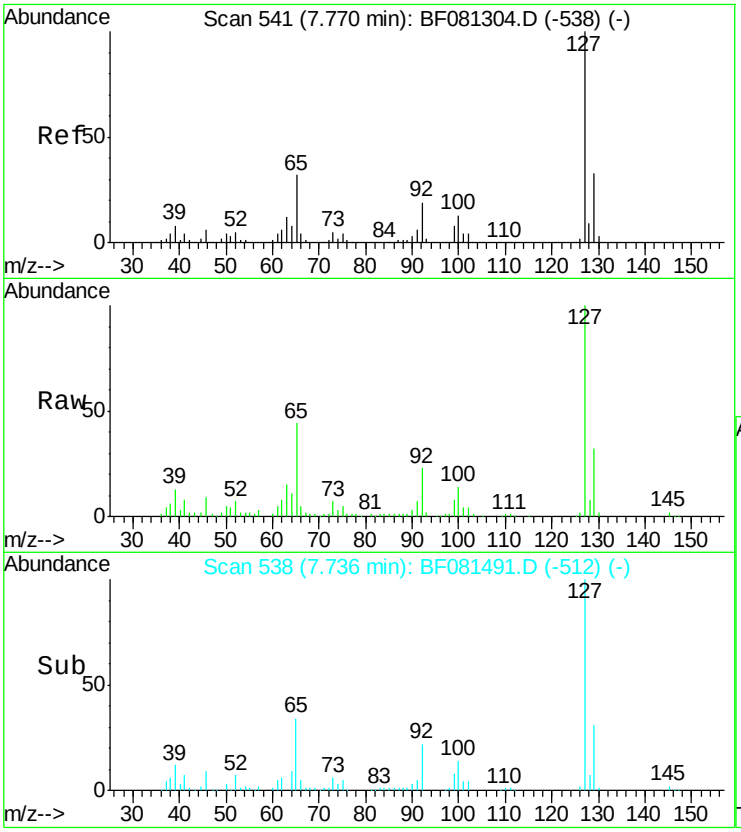


#32
Benzoic acid
Concen: 12.70 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:122 Resp: 23620

Ion	Ratio	Lower	Upper
122	100		
105	128.2	76.1	116.1#
77	100.1	40.5	80.5#

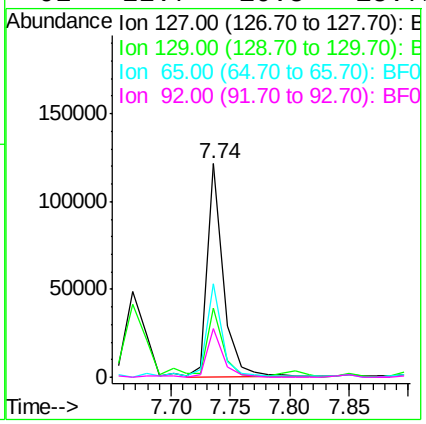




#33
4-Chloroaniline
Concen: 27.56 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:127 Resp: 114069

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	43.8	17.9	26.9#
92	22.7	10.5	15.7#



Instrument :
BNA_F
ClientSampleId :
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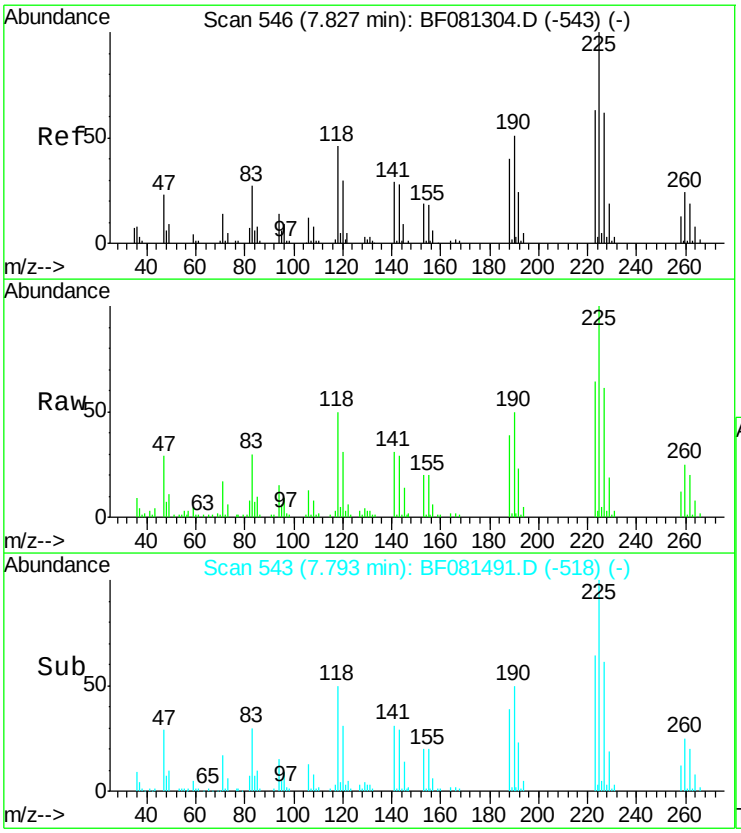
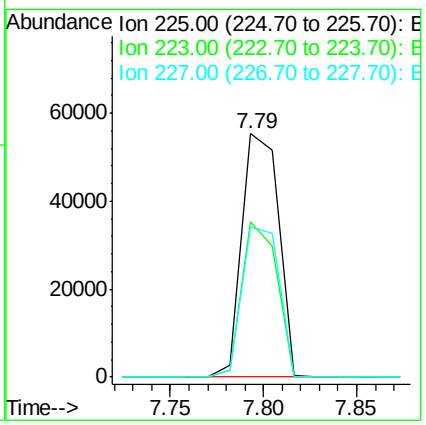
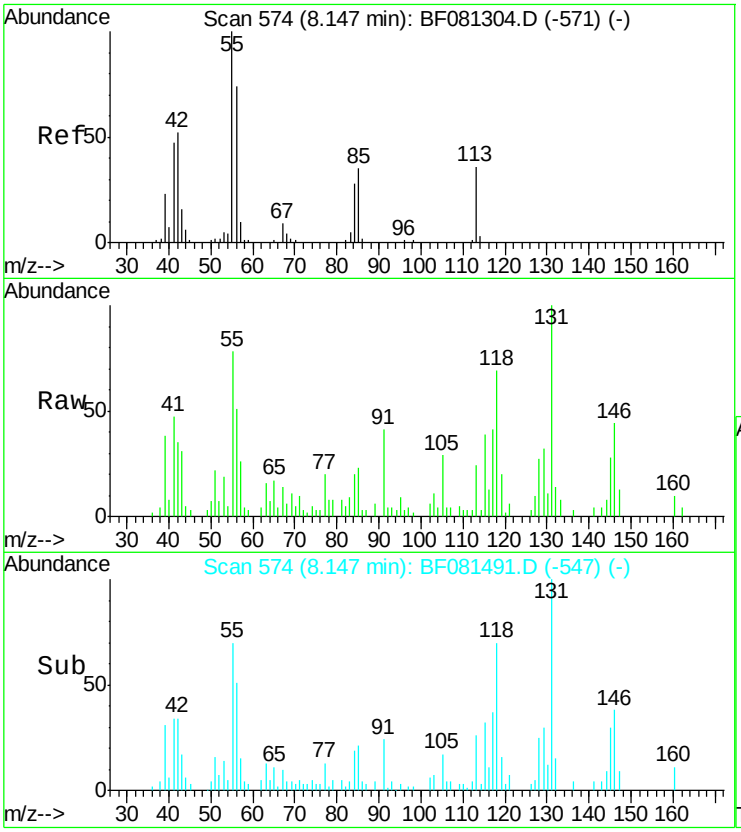


#34
Hexachlorobutadiene
Concen: 42.69 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:225 Resp: 75467

Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.2	75.2
227	61.4	52.2	78.2

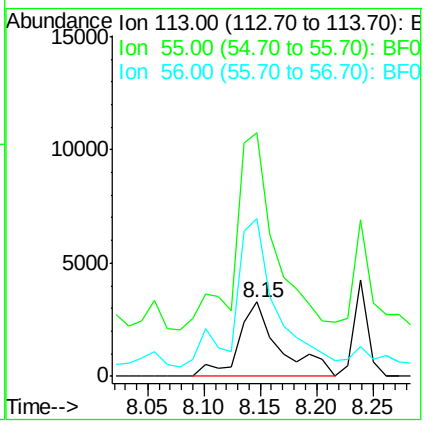




#35
Caprolactam
Concen: 10.12 ng m
RT: 8.15 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:113 Resp: 8299

Ion	Ratio	Lower	Upper
113	100		
55	326.9	152.4	192.4#
56	212.5	104.6	144.6#



Instrument :
BNA_F
ClientSampleId :
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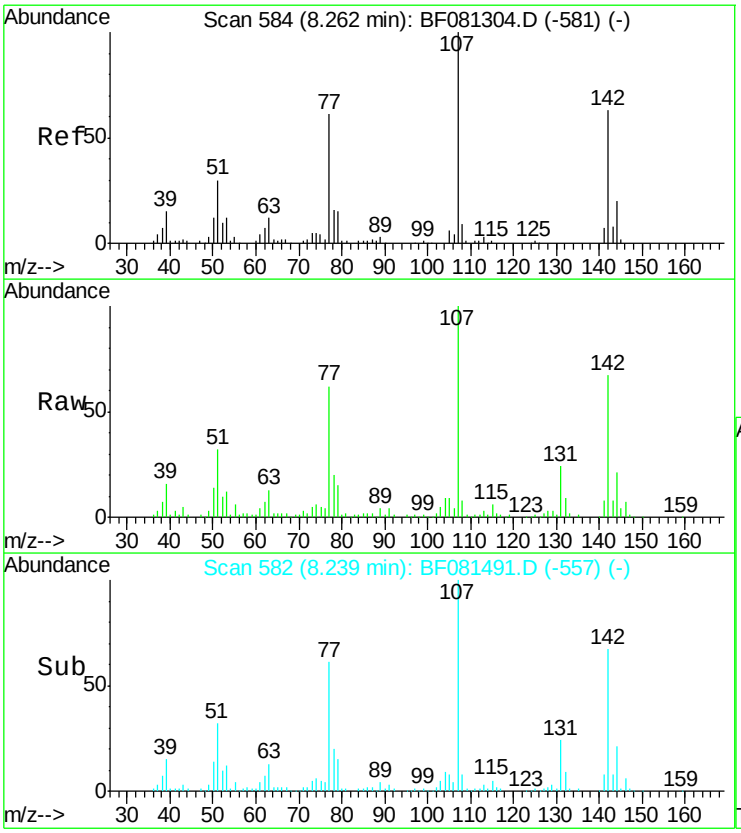
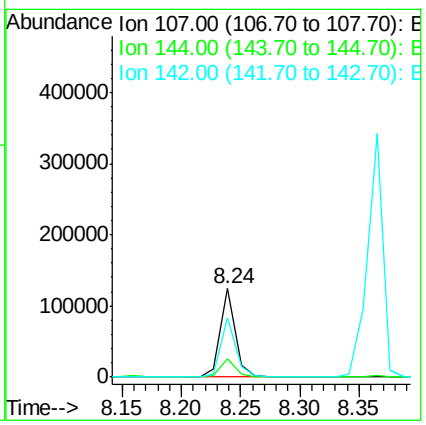
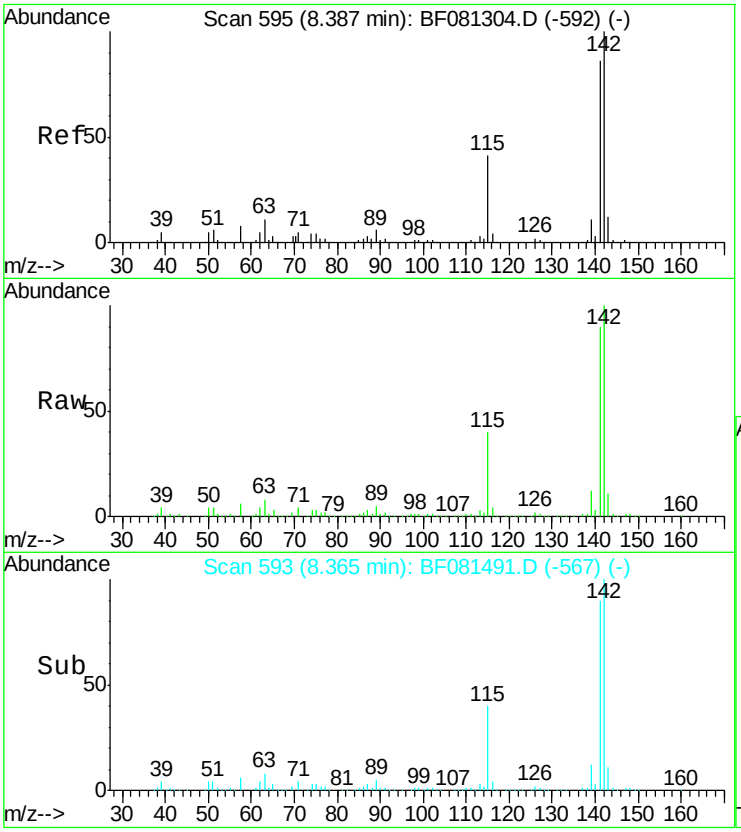


#36
4-Chloro-3-methylphenol
Concen: 36.42 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:107 Resp: 108996

Ion	Ratio	Lower	Upper
107	100		
144	21.2	25.4	38.0#
142	67.3	77.3	115.9#

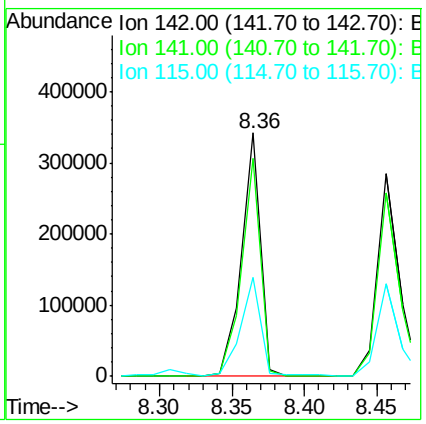




#37
2-Methylnaphthalene
Concen: 47.13 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:142 Resp: 311268

Ion	Ratio	Lower	Upper
142	100		
141	89.6	67.5	101.3
115	40.4	18.2	27.2#



Instrument :
BNA_F
ClientSampleId :
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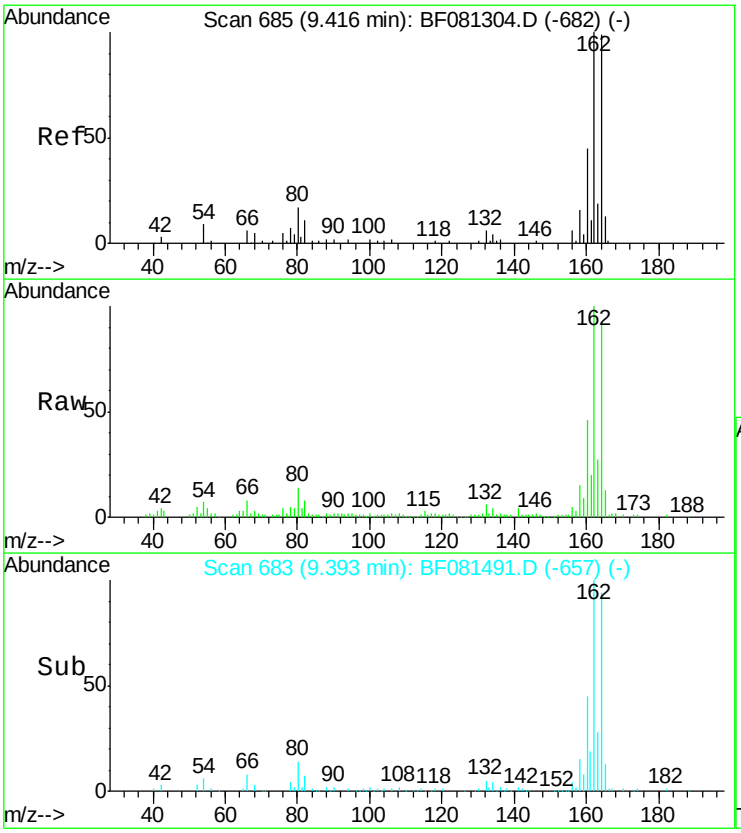
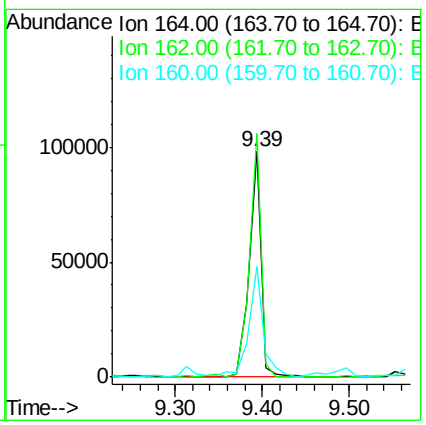
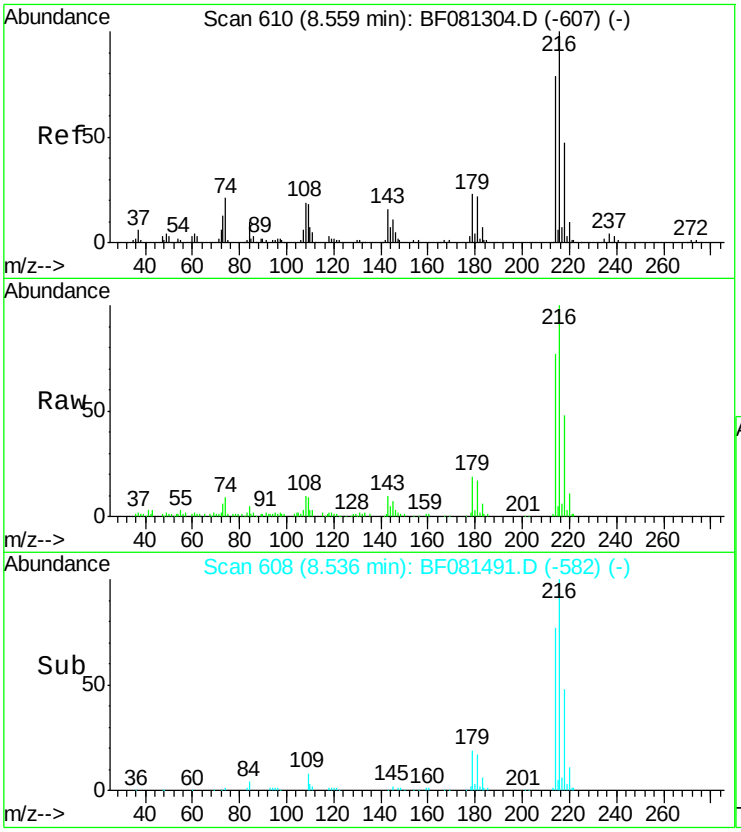


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:164 Resp: 95112

Ion	Ratio	Lower	Upper
164	100		
162	108.2	75.2	112.8
160	49.3	31.5	47.3#

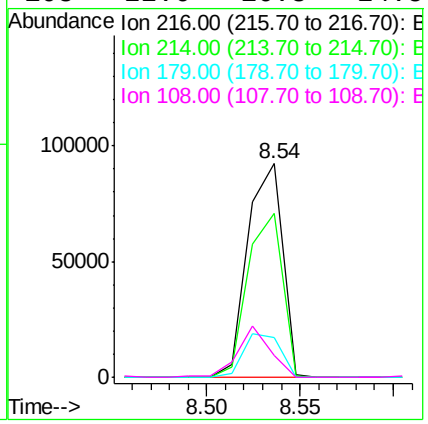




#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.80 ng
RT: 8.54 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:216 Resp: 119717

Ion	Ratio	Lower	Upper
216	100		
214	76.6	63.5	95.3
179	21.6	16.6	24.8
108	22.6	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
HX2MSD

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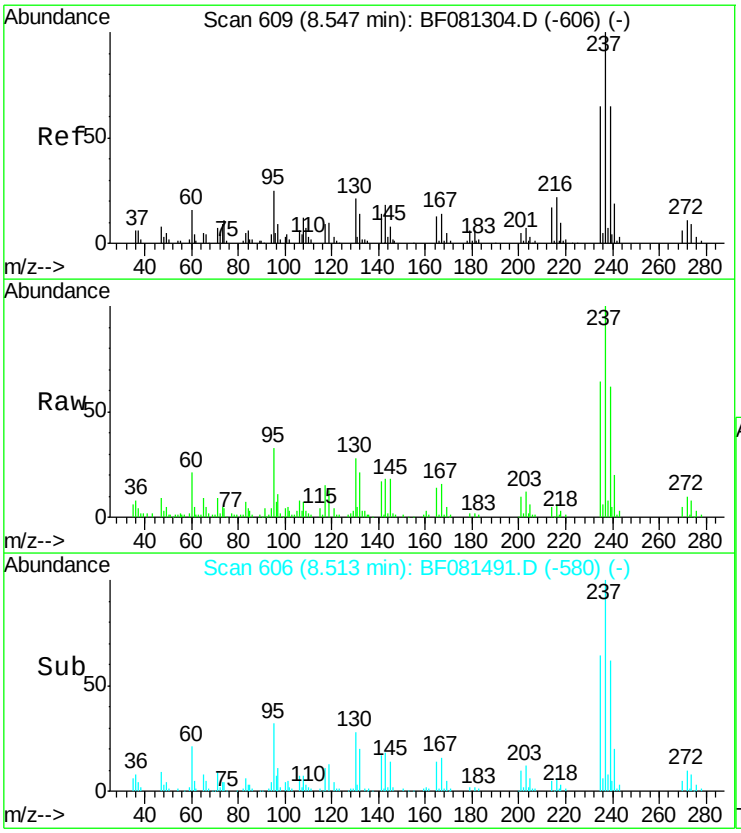
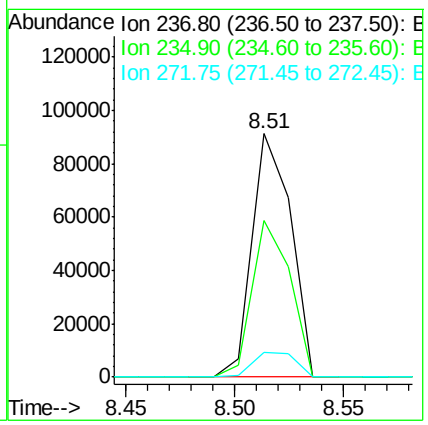
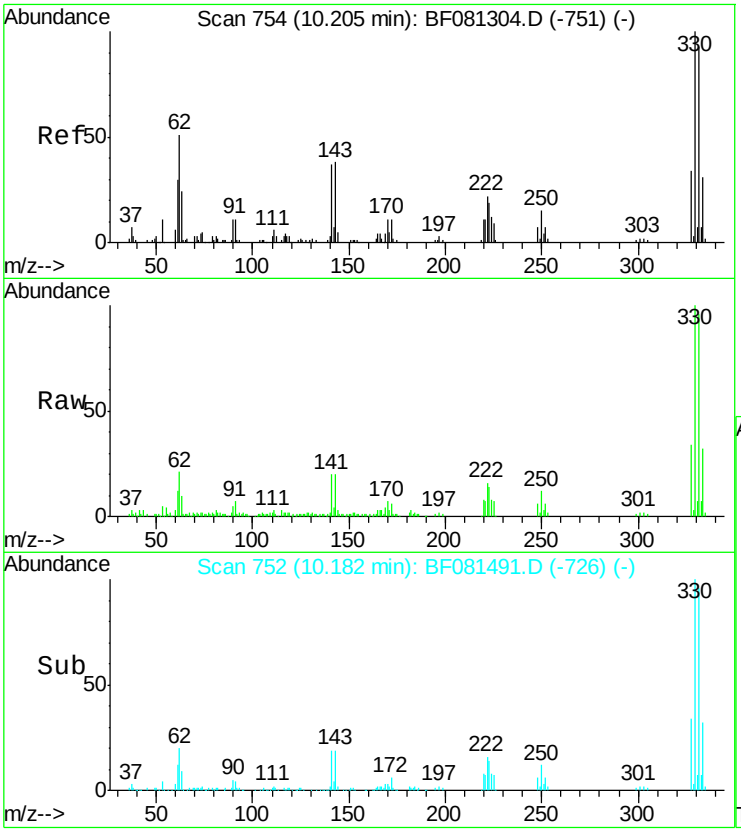


#40
Hexachlorocyclopentadiene
Concen: 76.82 ng
RT: 8.51 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:237 Resp: 113400

Ion	Ratio	Lower	Upper
237	100		
235	64.2	42.0	82.0
272	9.9	0.0	36.1

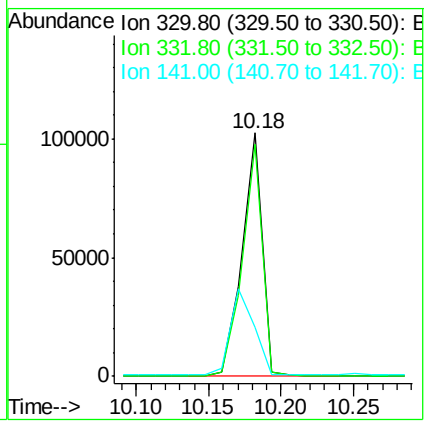




#41
2,4,6-Tribromophenol
Concen: 117.58 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:330 Resp: 99579

Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.6	114.8
141	41.0	29.7	44.5



Instrument :
BNA_F
ClientSampleId :
HX2MSD

Manual Integrations APPROVED
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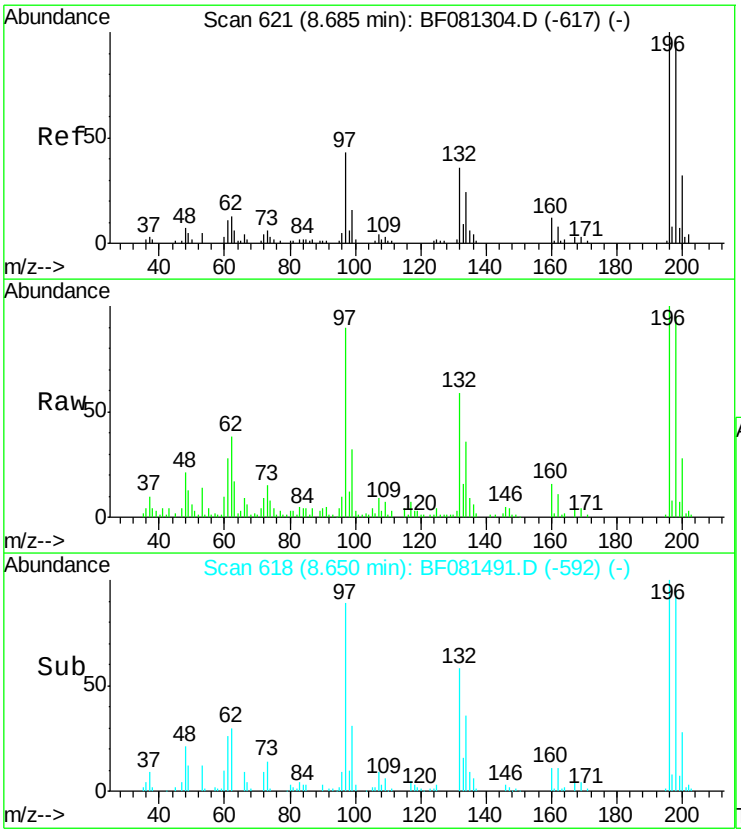
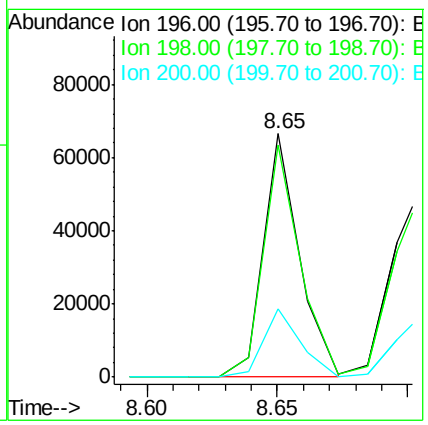
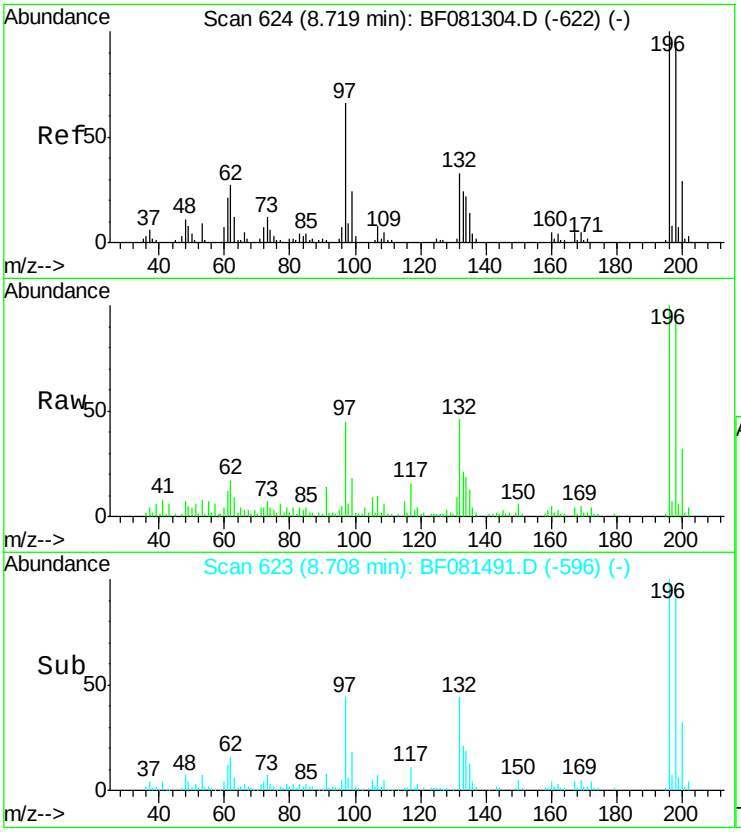


#42
2,4,6-Trichlorophenol
Concen: 30.92 ng
RT: 8.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:196 Resp: 64179

Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.7	113.5
200	28.1	23.9	35.9

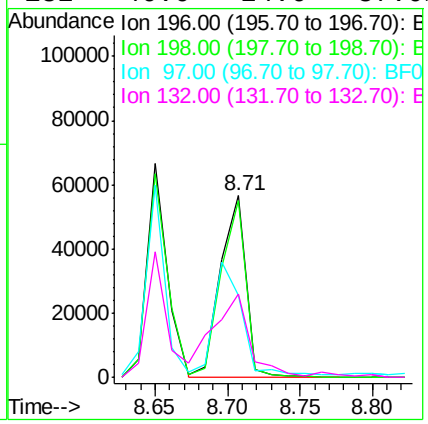




#43
2,4,5-Trichlorophenol
Concen: 32.62 ng
RT: 8.71 min Scan# 623
Delta R.T. 0.01 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:196 Resp: 69089

Ion	Ratio	Lower	Upper
196	100		
198	97.1	75.4	113.0
97	44.9	33.3	49.9
132	46.0	24.6	37.0#



Instrument :
BNA_F
ClientSampleId :
HX2MSD

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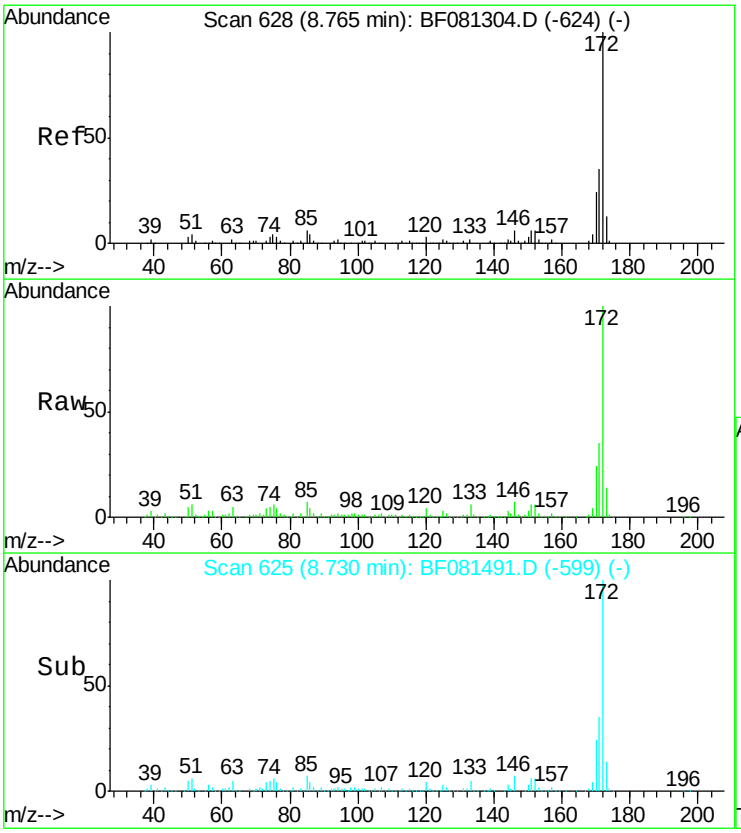
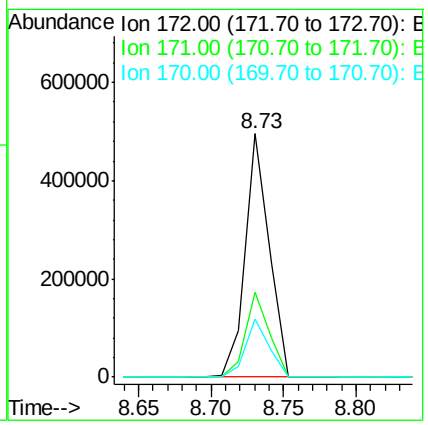
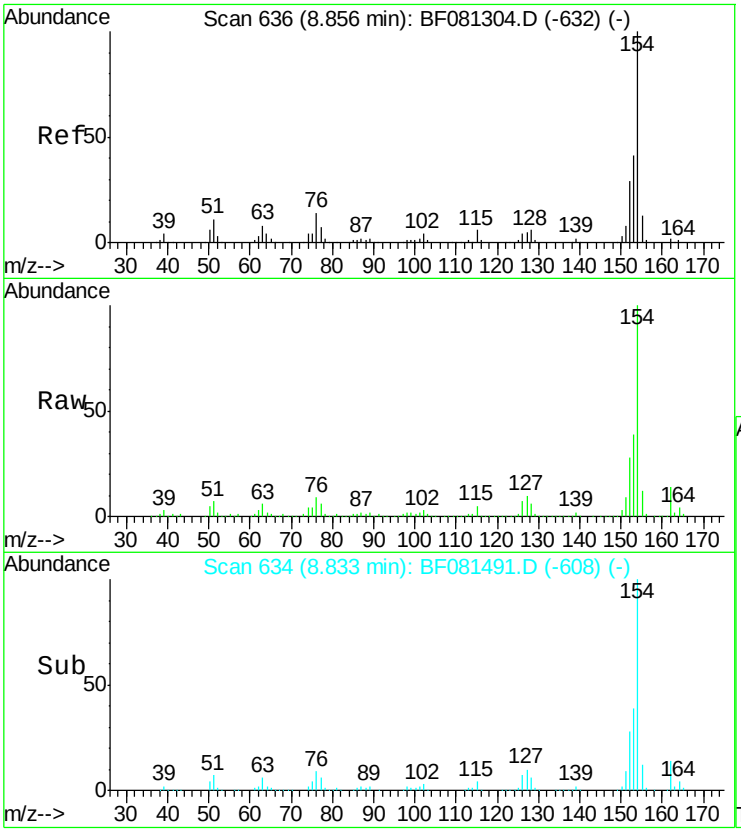


#44
2-Fluorobiphenyl
Concen: 76.24 ng
RT: 8.73 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:172 Resp: 565873

Ion	Ratio	Lower	Upper
172	100		
171	34.8	26.1	39.1
170	24.0	17.4	26.2

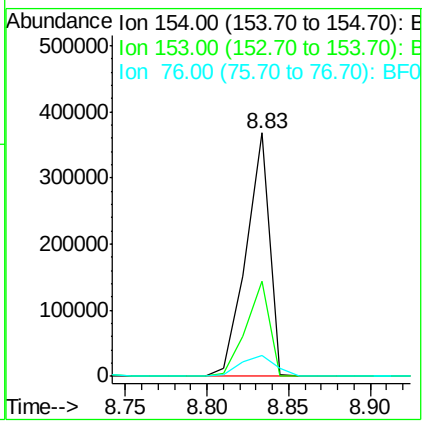




#45
1,1'-Biphenyl
Concen: 41.89 ng
RT: 8.83 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:154 Resp: 366567

Ion	Ratio	Lower	Upper
154	100		
153	39.2	17.1	57.1
76	8.6	0.0	31.6



Instrument :
BNA_F
ClientSampleId :
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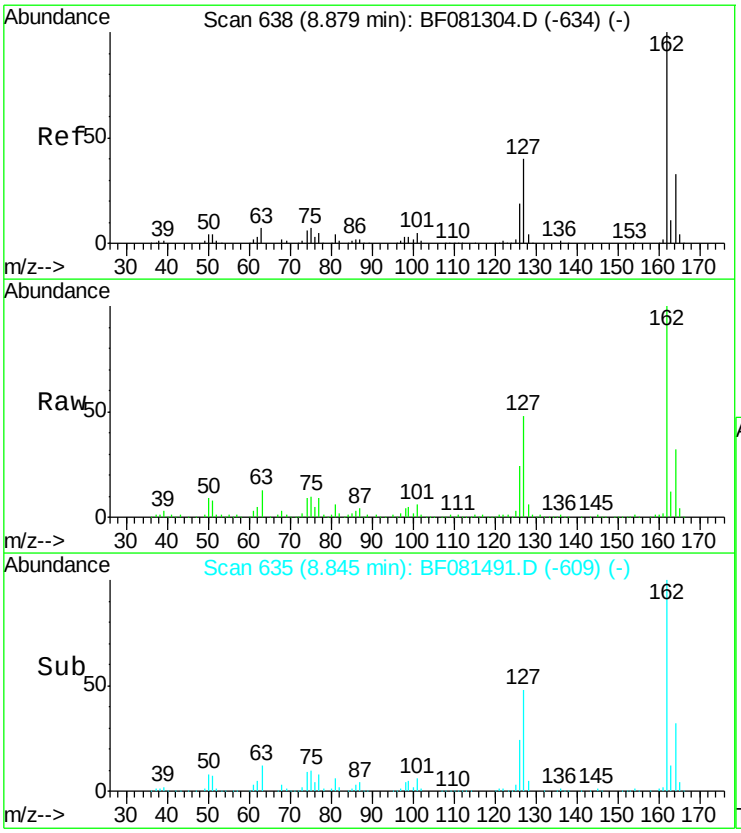
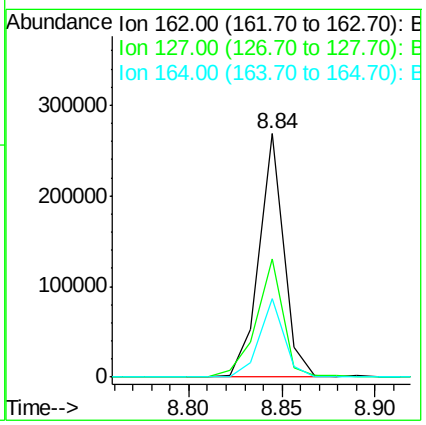
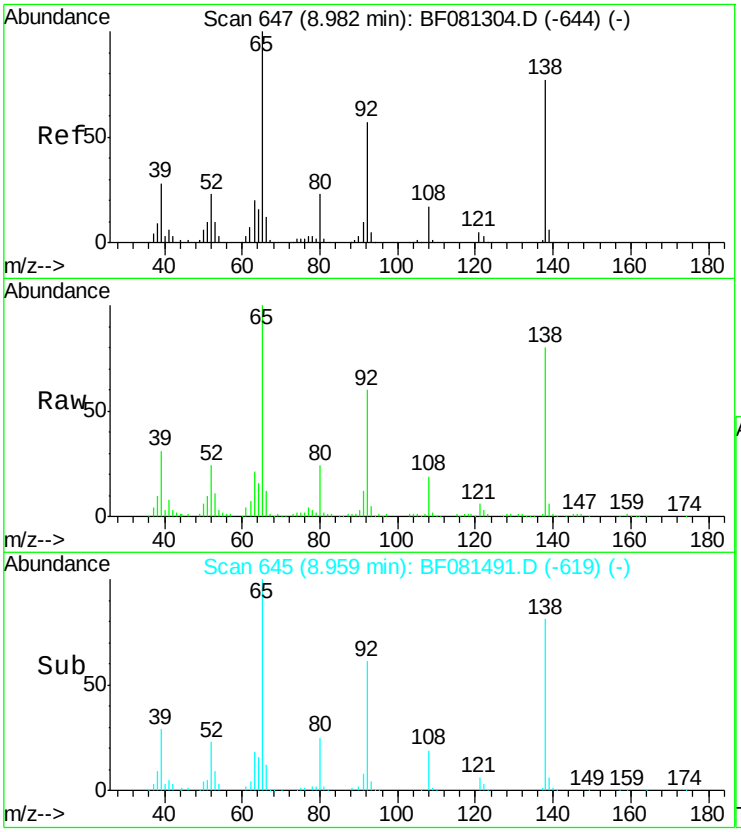


#46
2-Chloronaphthalene
Concen: 38.86 ng
RT: 8.84 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:162 Resp: 245535

Ion	Ratio	Lower	Upper
162	100		
127	48.4	27.6	41.4#
164	32.4	25.4	38.2

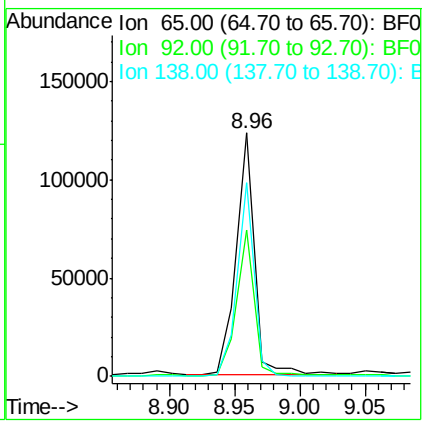




#47
2-Nitroaniline
Concen: 46.75 ng
RT: 8.96 min Scan# 645
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 65 Resp: 120394

Ion	Ratio	Lower	Upper
65	100		
92	60.1	55.4	83.0
138	79.5	115.5	173.3#



Instrument :
BNA_F
ClientSampleId :
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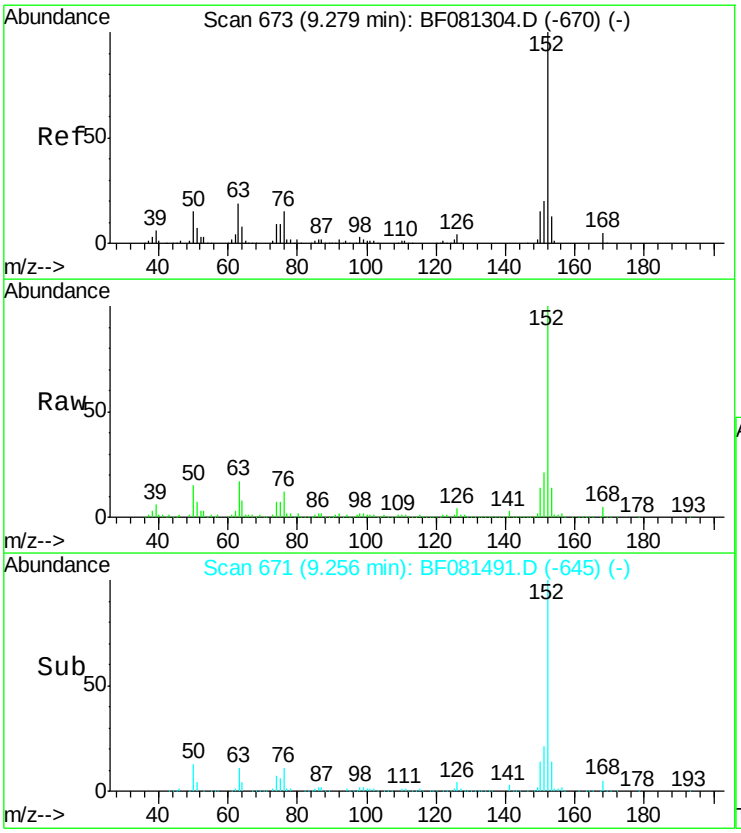
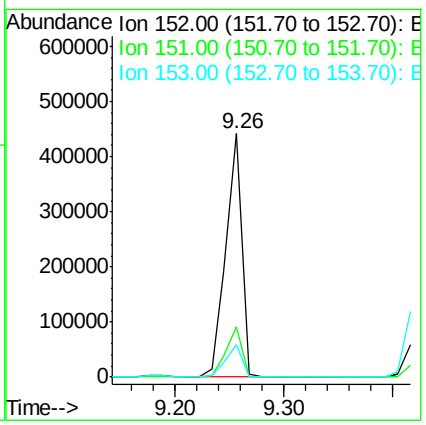
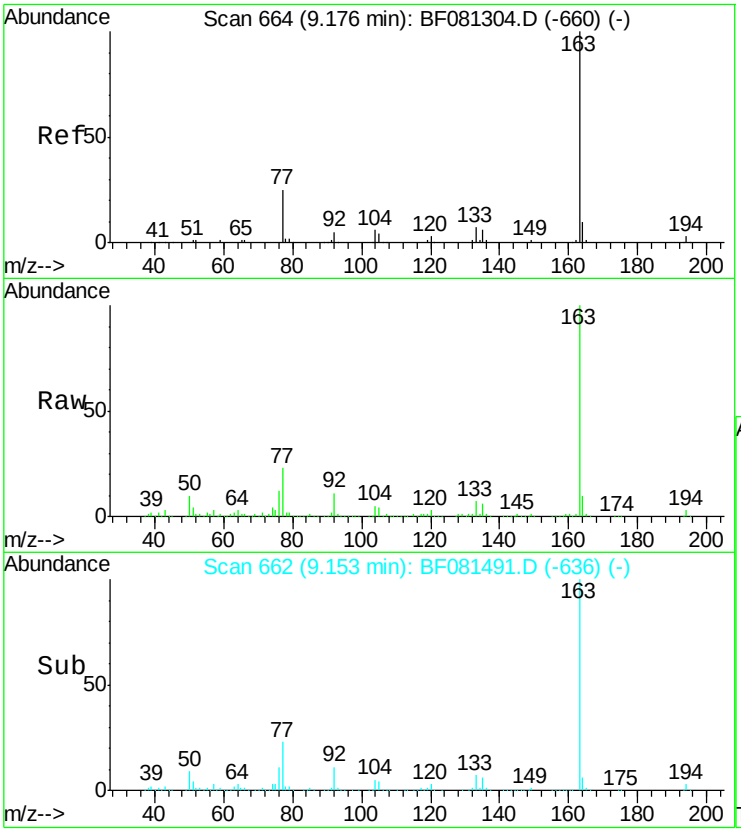


#48
Acenaphthylene
Concen: 40.06 ng
RT: 9.26 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:152 Resp: 449152

Ion	Ratio	Lower	Upper
152	100		
151	20.7	14.6	22.0
153	13.5	10.3	15.5

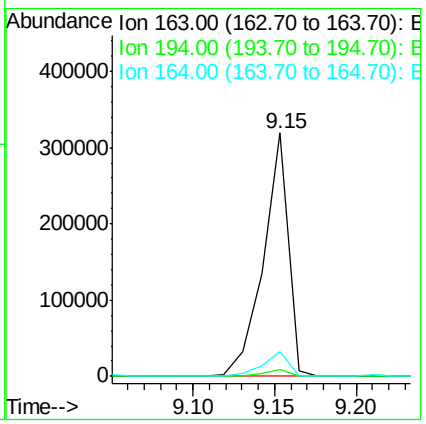




#49
Dimethylphthalate
Concen: 45.95 ng
RT: 9.15 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:163 Resp: 339538

Ion	Ratio	Lower	Upper
163	100		
194	3.0	4.4	6.6#
164	9.9	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
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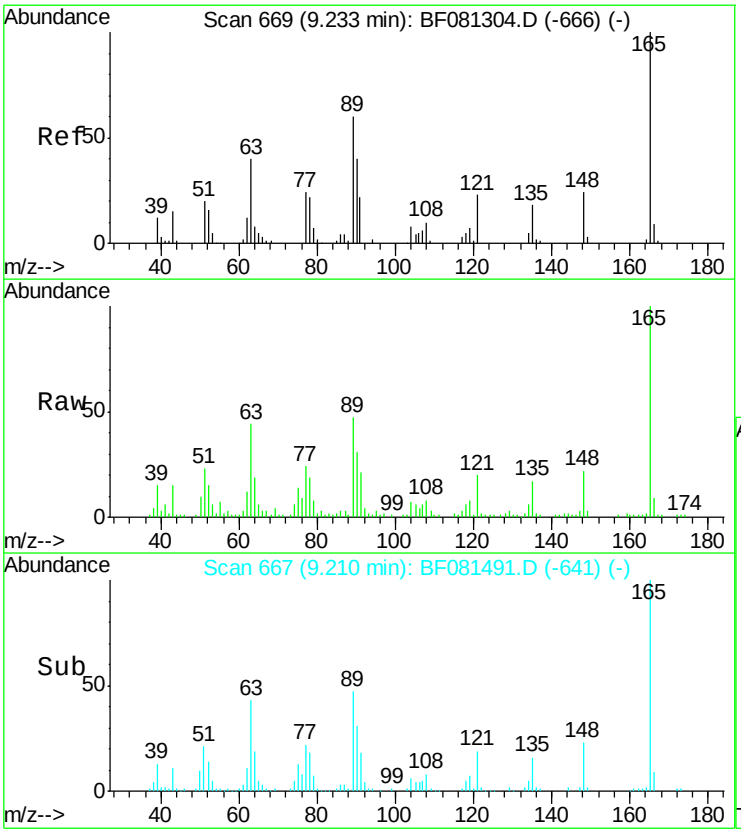
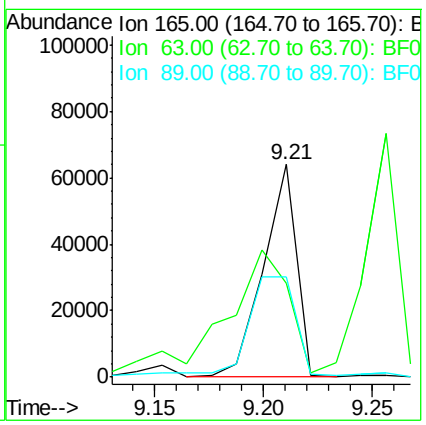
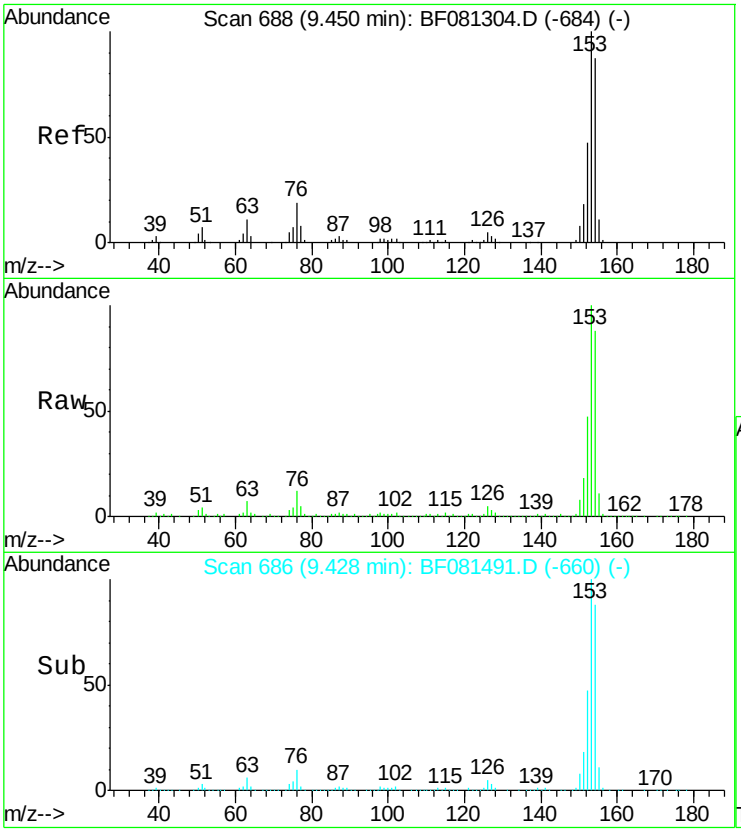


#50
2,6-Dinitrotoluene
Concen: 40.92 ng
RT: 9.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:165 Resp: 68625

Ion	Ratio	Lower	Upper
165	100		
63	44.0	32.3	48.5
89	47.4	28.6	43.0#

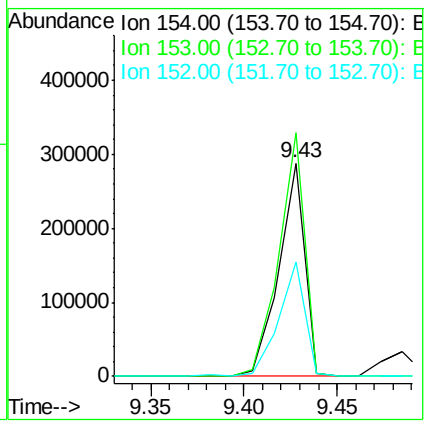




#51
Acenaphthene
Concen: 43.69 ng
RT: 9.43 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:154 Resp: 278667

Ion	Ratio	Lower	Upper
154	100		
153	114.2	82.1	123.1
152	53.9	37.9	56.9



Instrument :
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ClientSampleId :
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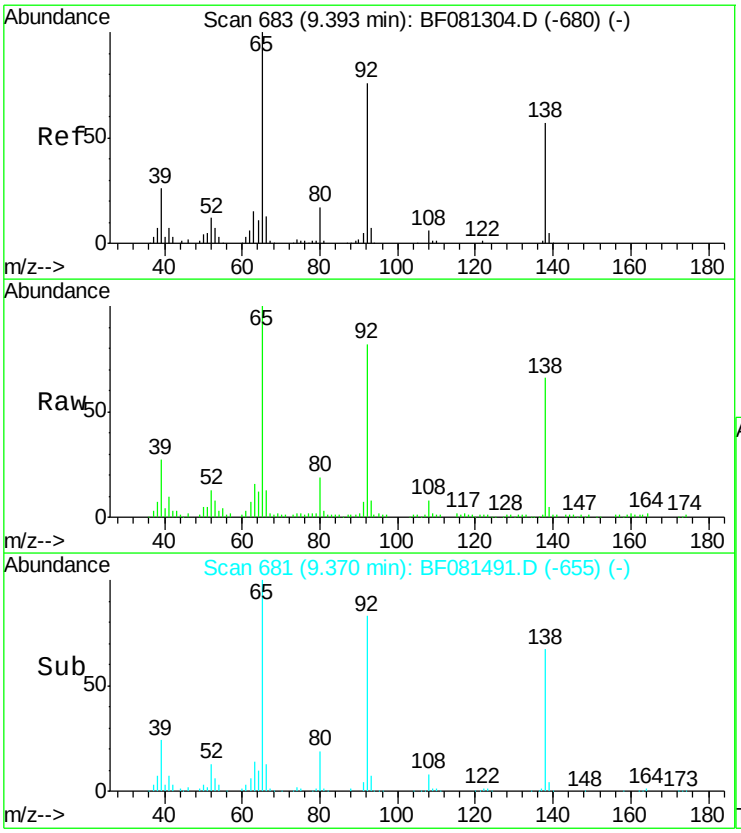
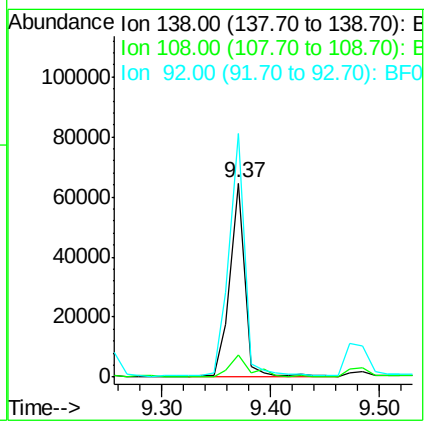
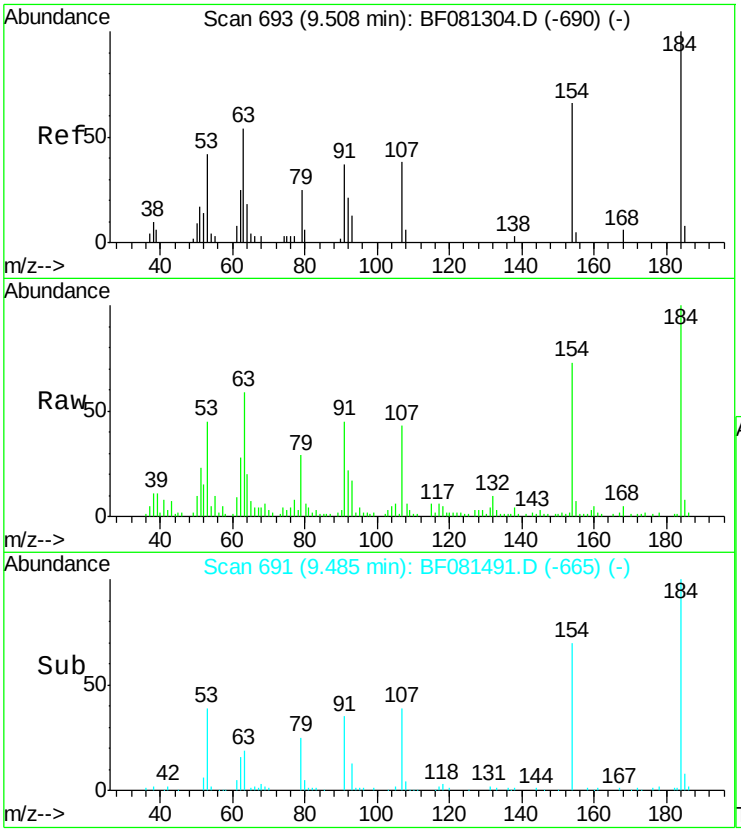


#52
3-Nitroaniline
Concen: 33.06 ng
RT: 9.37 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:138 Resp: 63131

Ion	Ratio	Lower	Upper
138	100		
108	11.6	5.7	8.5#
92	125.4	67.7	101.5#

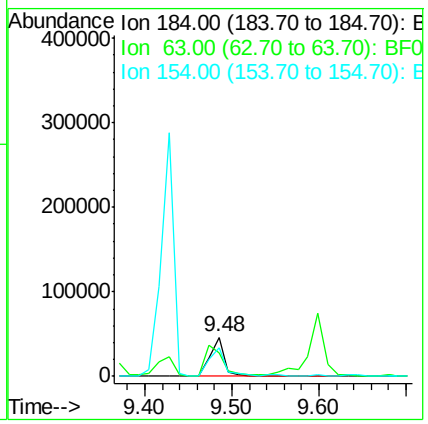




#53
2,4-Dinitrophenol
Concen: 77.47 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:184 Resp: 54726

Ion	Ratio	Lower	Upper
184	100		
63	59.3	35.4	53.2#
154	72.8	32.2	48.4#



Instrument :
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ClientSampleId :
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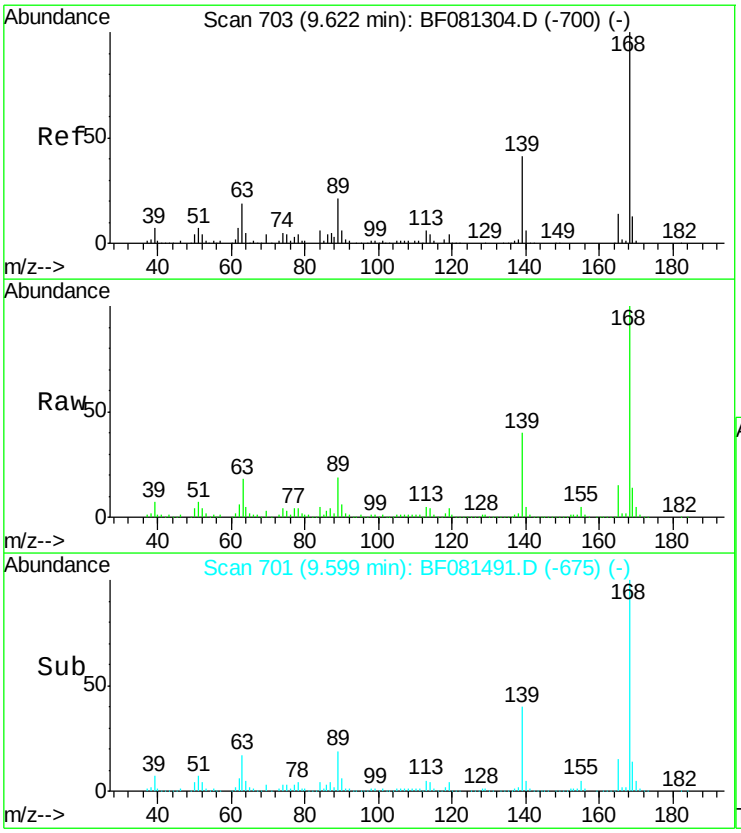
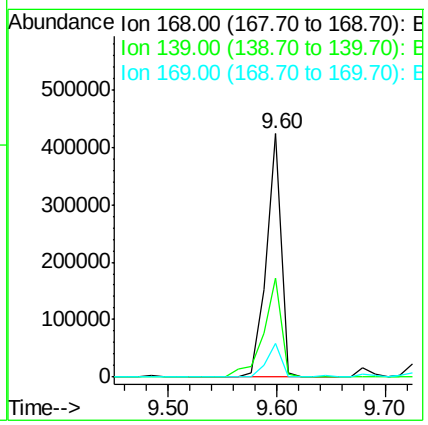
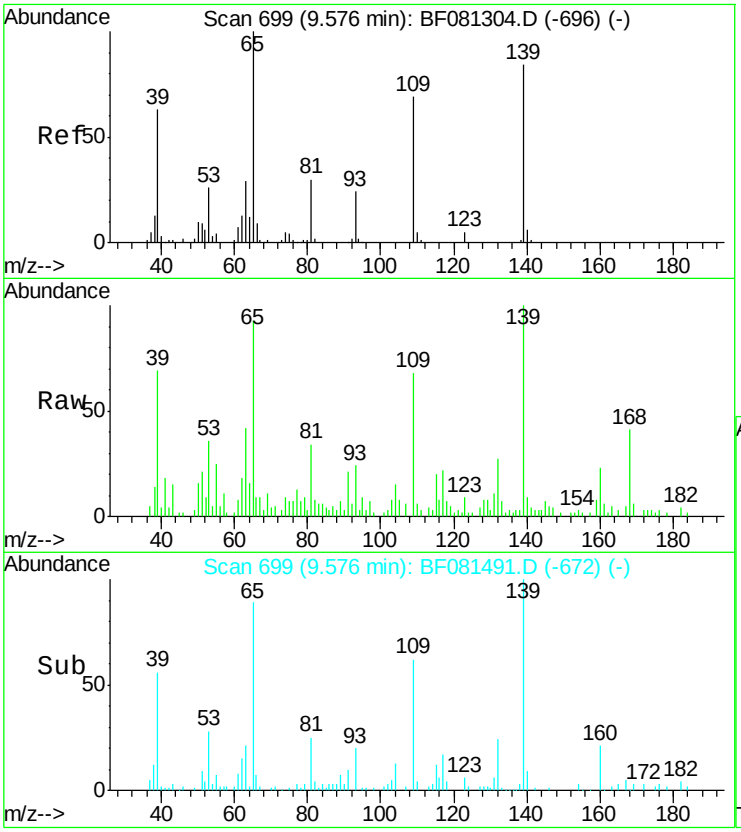


#54
Dibenzofuran
Concen: 43.83 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:168 Resp: 408177

Ion	Ratio	Lower	Upper
168	100		
139	40.4	24.2	36.2#
169	13.7	10.6	15.8

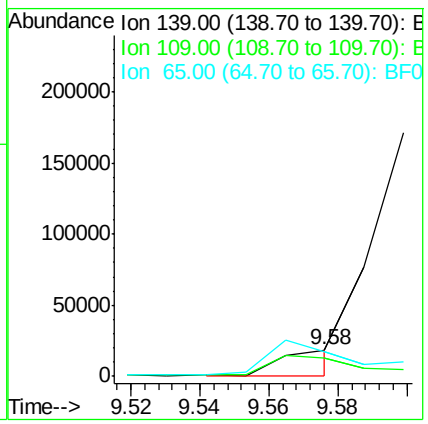




#55
4-Nitrophenol
Concen: 19.36 ng m
RT: 9.58 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:139 Resp: 23229

Ion	Ratio	Lower	Upper
139	100		
109	67.7	12.7	52.7#
65	92.7	45.9	85.9#



Instrument :
BNA_F
ClientSampleId :
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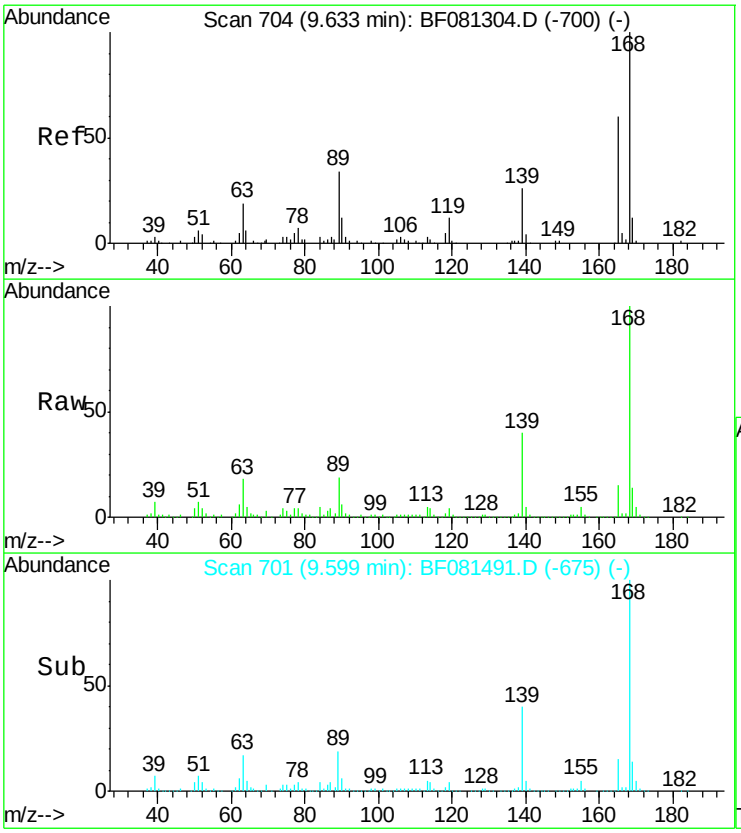
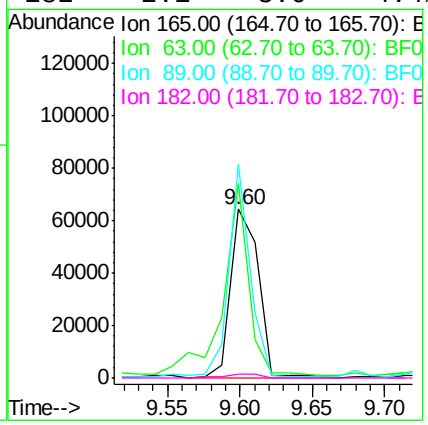
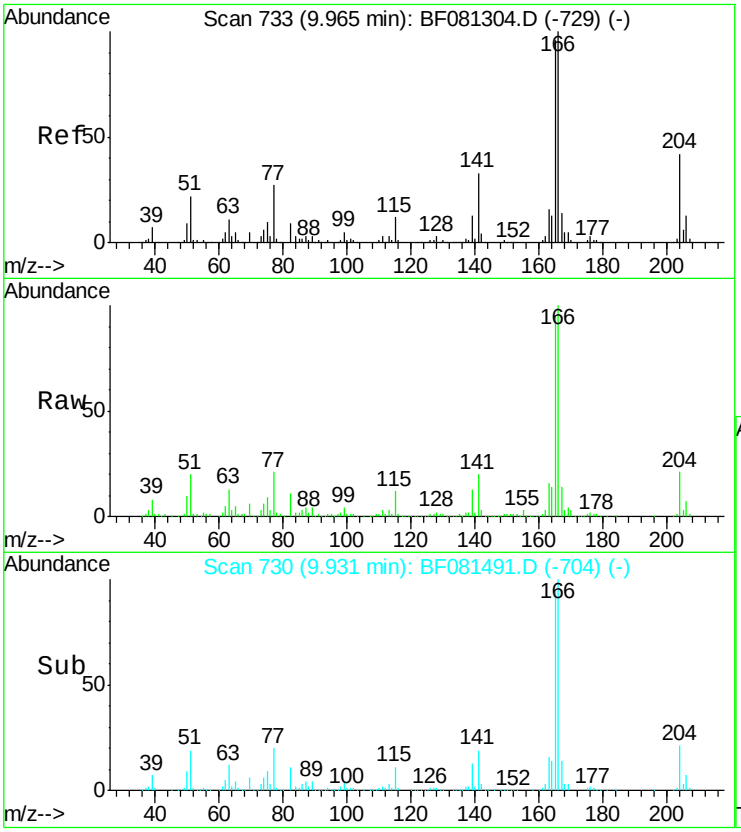


#56
2,4-Dinitrotoluene
Concen: 40.10 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:165 Resp: 85647

Ion	Ratio	Lower	Upper
165	100		
63	115.3	29.8	44.6#
89	126.5	44.5	66.7#
182	2.1	3.0	4.4#

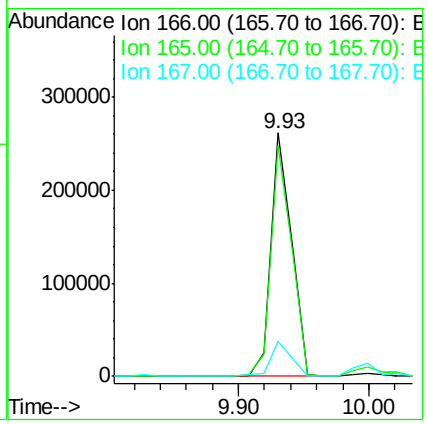




#57
Fluorene
Concen: 41.14 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:166 Resp: 290716

Ion	Ratio	Lower	Upper
166	100		
165	94.9	72.6	109.0
167	14.4	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
HX2MSD

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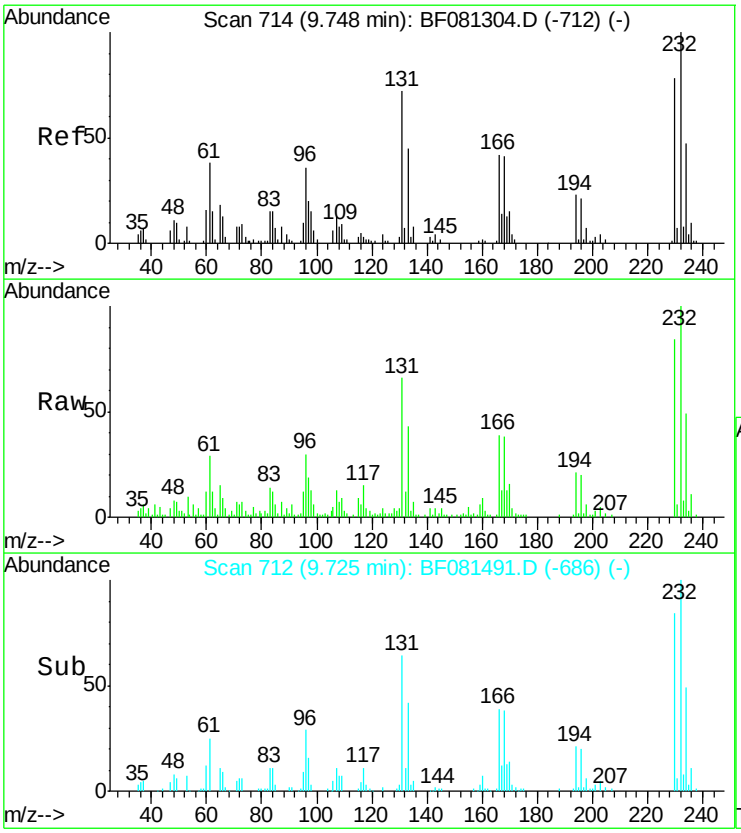
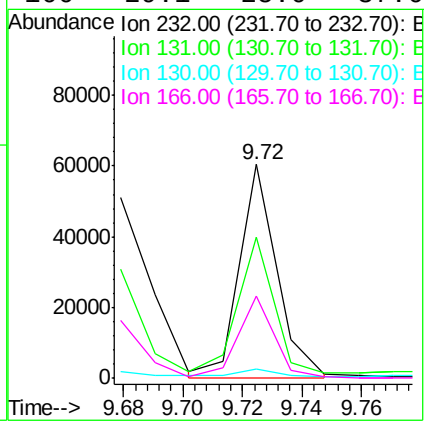
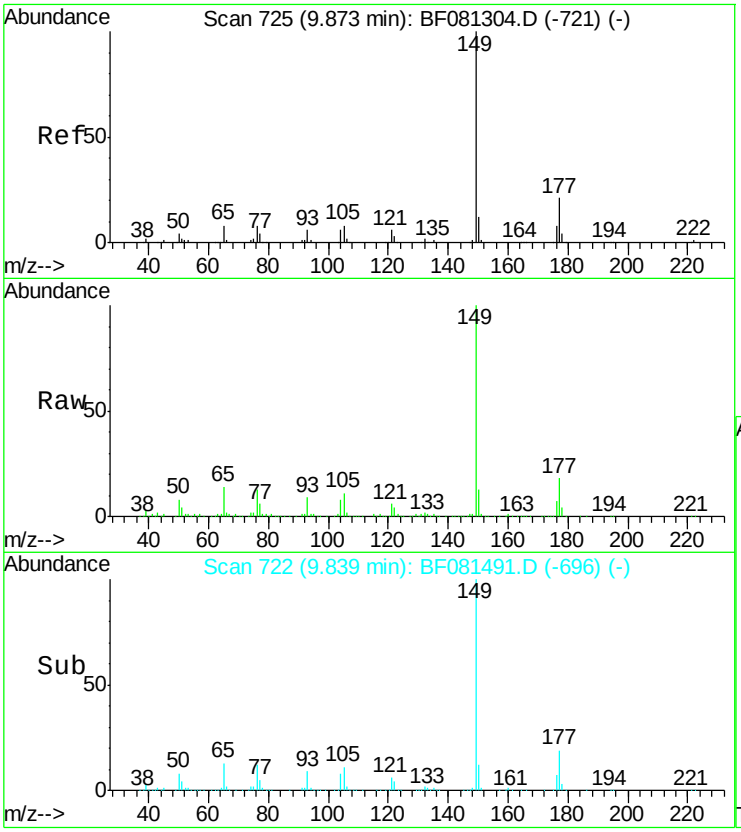


#58
2,3,4,6-Tetrachlorophenol
Concen: 32.89 ng m
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:232 Resp: 53180

Ion	Ratio	Lower	Upper
232	100		
131	51.4	38.5	57.7
130	2.4	1.8	2.6
166	29.1	25.0	37.6

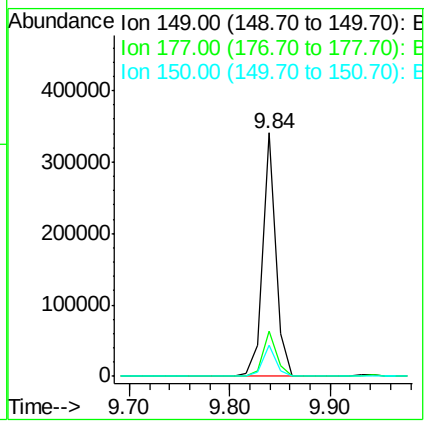




#59
Diethylphthalate
Concen: 39.59 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:149 Resp: 307743

Ion	Ratio	Lower	Upper
149	100		
177	18.5	17.5	26.3
150	12.5	9.4	14.2



Instrument :
BNA_F
ClientSampleId :
HX2MSD

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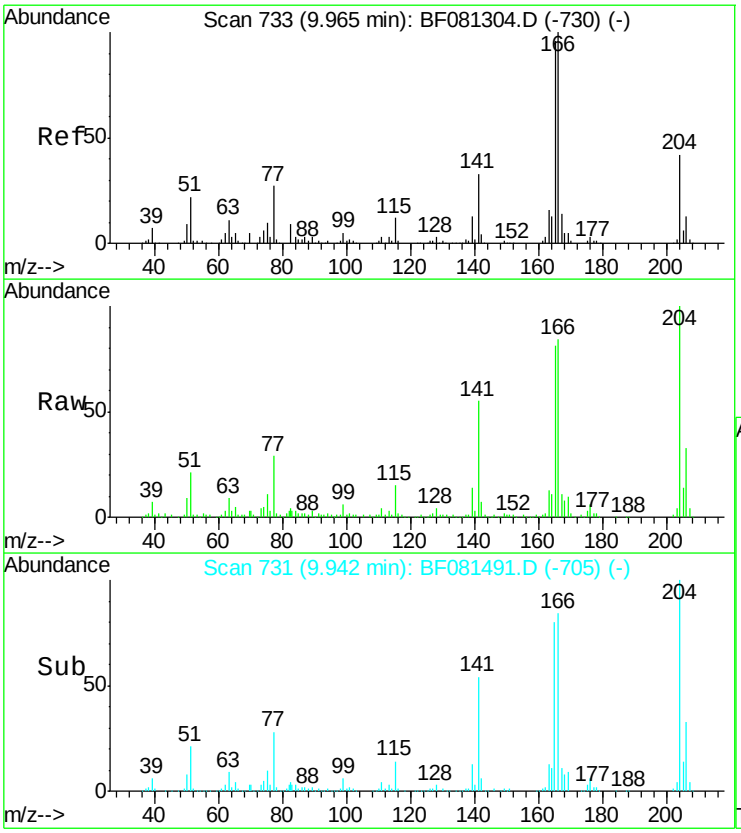
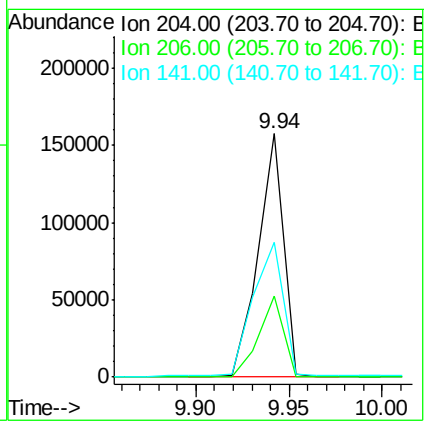
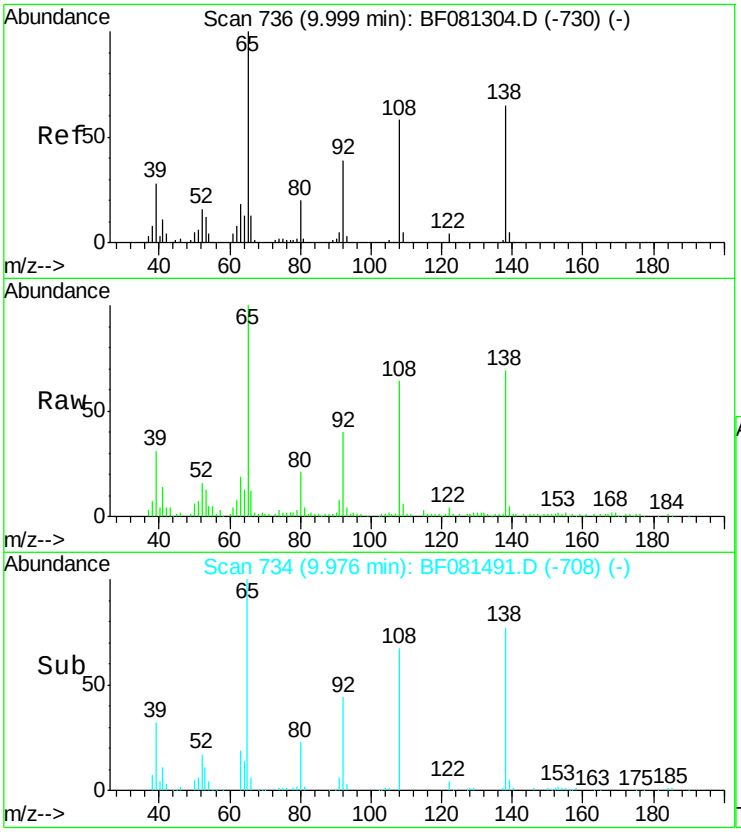


#60
4-Chlorophenyl-phenylether
Concen: 44.64 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:204 Resp: 147048

Ion	Ratio	Lower	Upper
204	100		
206	33.4	24.8	37.2
141	55.1	42.2	63.4

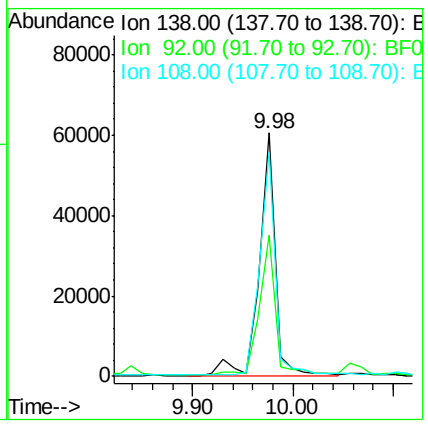




#61
4-Nitroaniline
Concen: 35.25 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:138 Resp: 67996

Ion	Ratio	Lower	Upper
138	100		
92	58.1	12.6	52.6#
108	92.2	12.4	52.4#



Instrument :
BNA_F
ClientSampleId :
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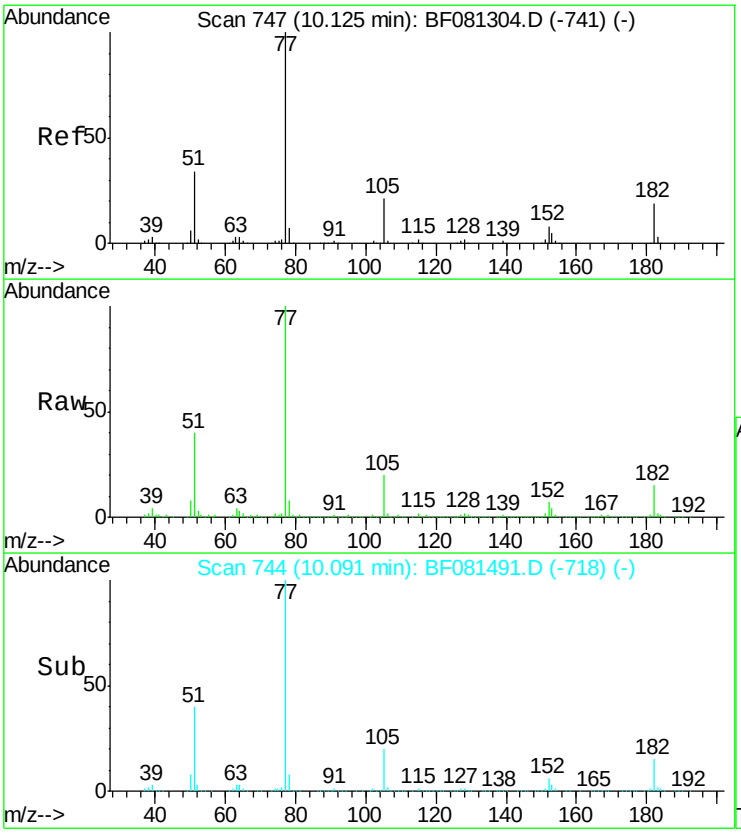
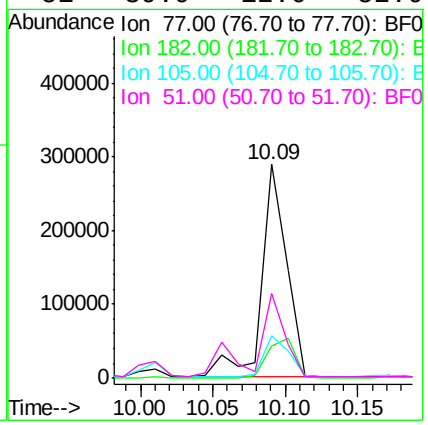
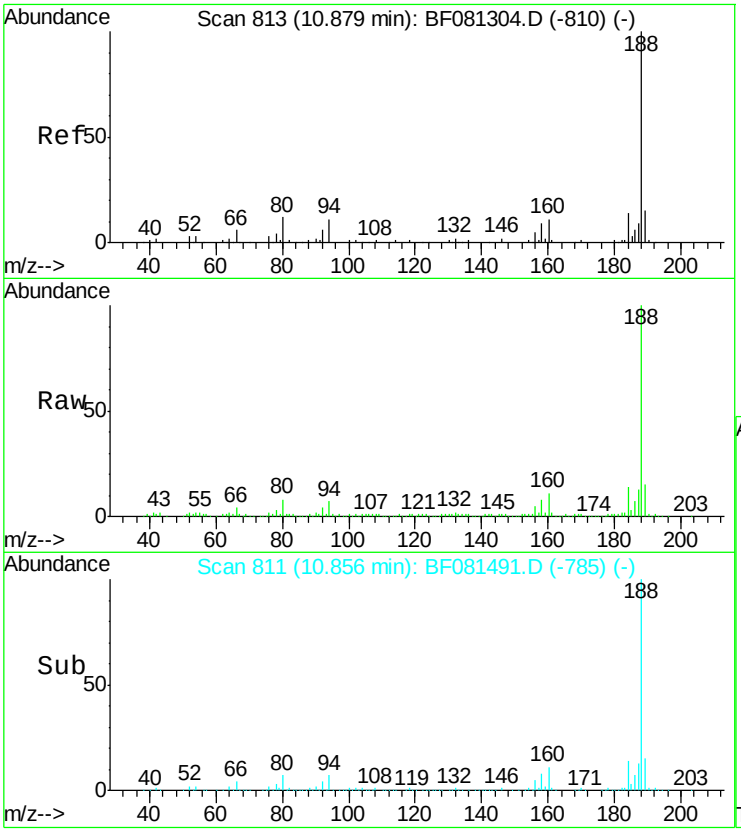


#62
Azobenzene
Concen: 39.42 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 77 Resp: 340699

Ion	Ratio	Lower	Upper
77	100		
182	15.2	15.1	55.1
105	19.9	3.4	43.4
51	39.9	12.0	52.0





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:188 Resp: 175902

Ion	Ratio	Lower	Upper
188	100		
94	7.3	11.1	16.7#
80	7.6	11.0	16.4#

Instrument :
BNA_F
ClientSampleId :
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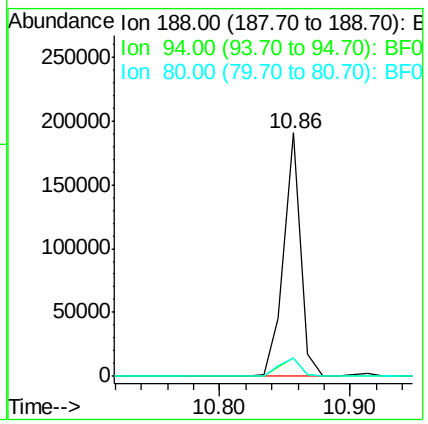
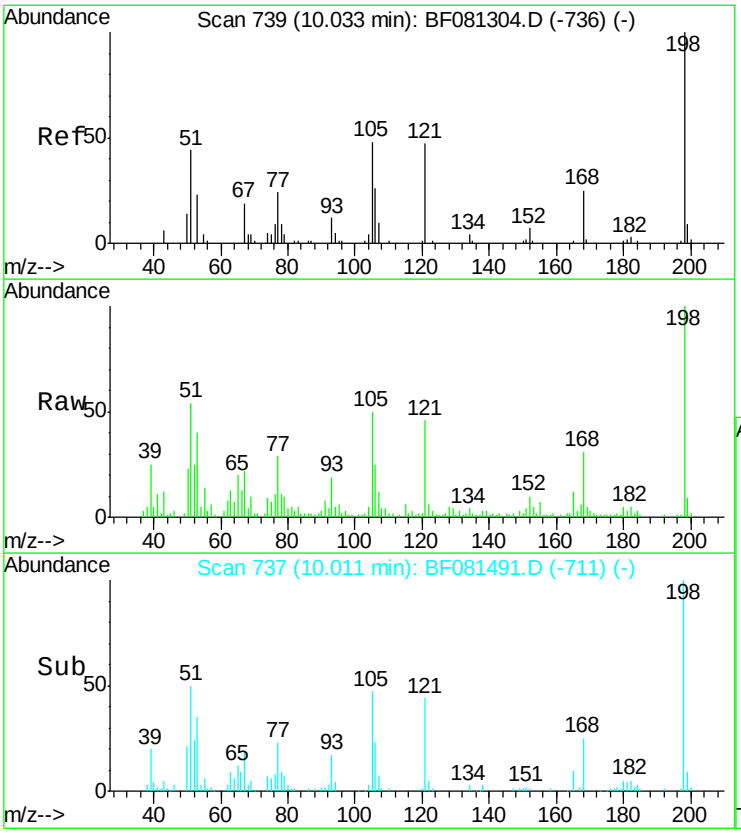
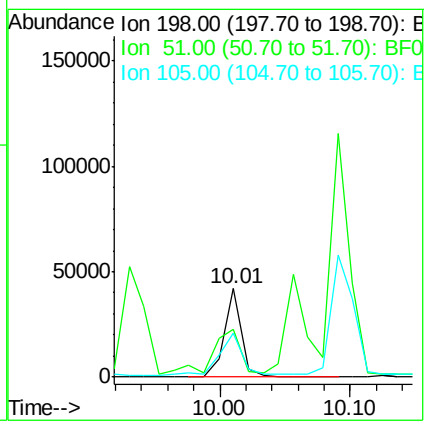


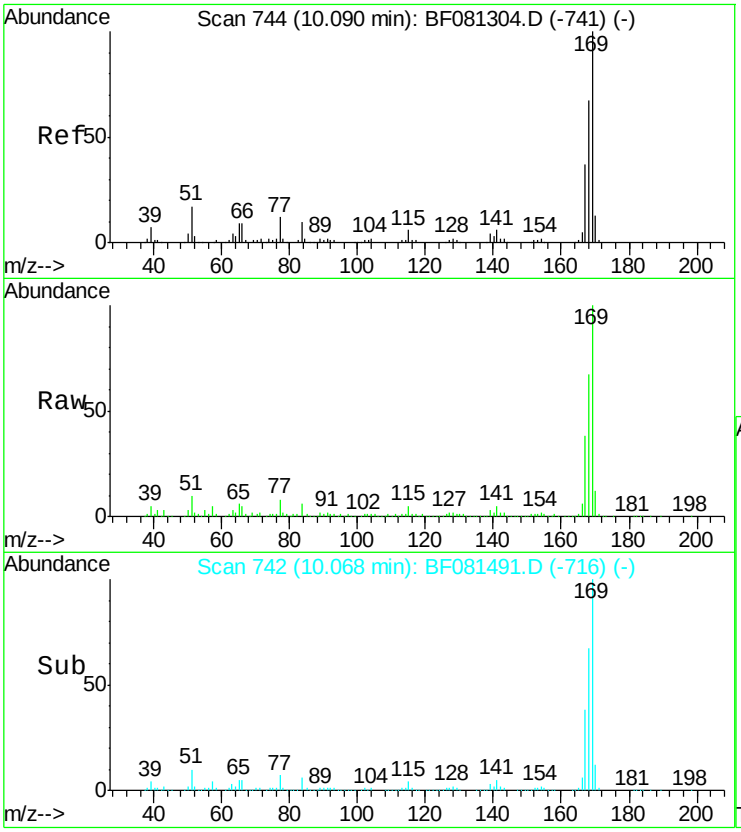


#64
4,6-Dinitro-2-methylphenol
Concen: 39.17 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:198 Resp: 38537

Ion	Ratio	Lower	Upper
198	100		
51	53.9	39.6	79.6
105	50.2	28.5	68.5

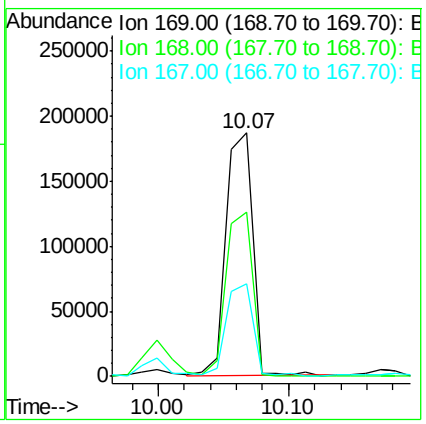




#65
n-Nitrosodiphenylamine
Concen: 40.95 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:169 Resp: 262124

Ion	Ratio	Lower	Upper
169	100		
168	67.2	48.9	73.3
167	37.9	26.2	39.4



Instrument :
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ClientSampleId :
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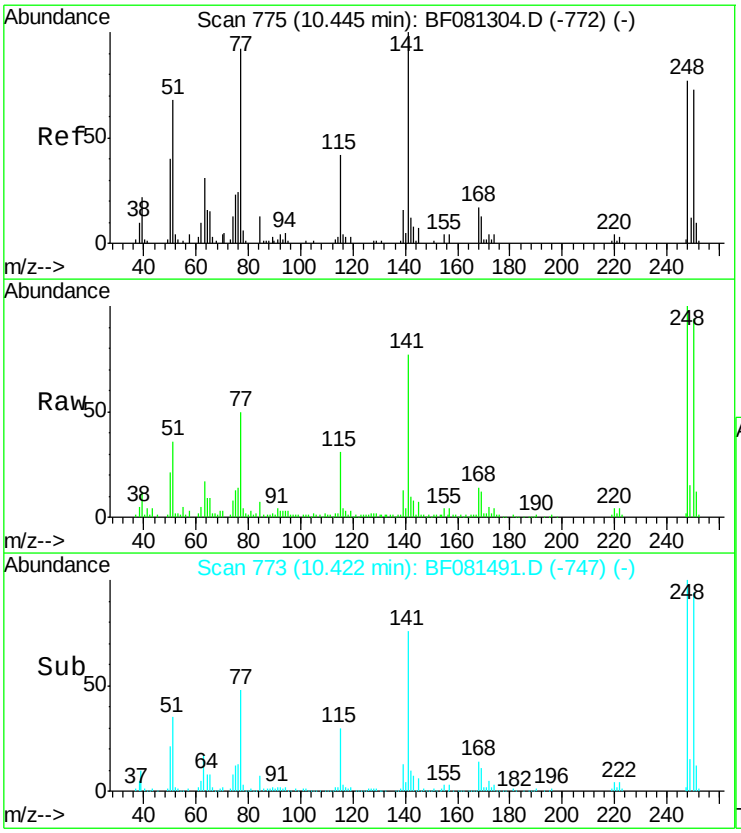
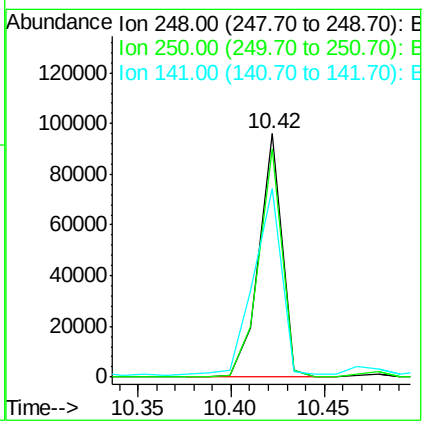
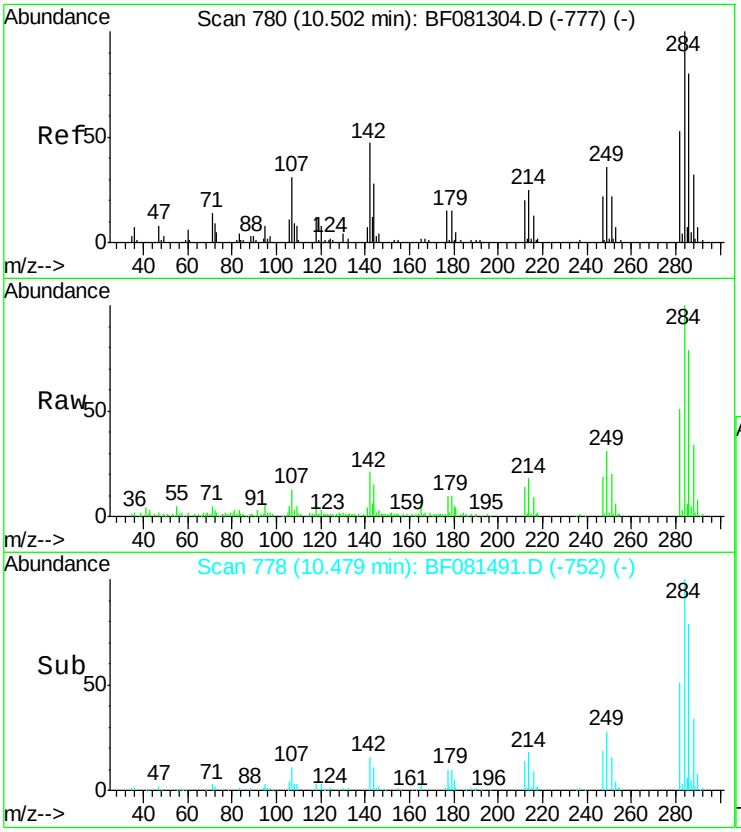


#66
4-Bromophenyl-phenylether
Concen: 45.76 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:248 Resp: 81384

Ion	Ratio	Lower	Upper
248	100		
250	93.9	78.5	117.7
141	77.2	59.0	88.6

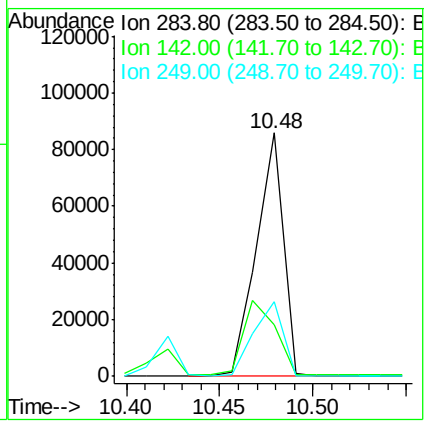




#67
Hexachlorobenzene
Concen: 46.07 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:284 Resp: 85668

Ion	Ratio	Lower	Upper
284	100		
142	21.1	29.5	44.3#
249	30.6	19.5	29.3#



Instrument :
BNA_F
ClientSampleId :
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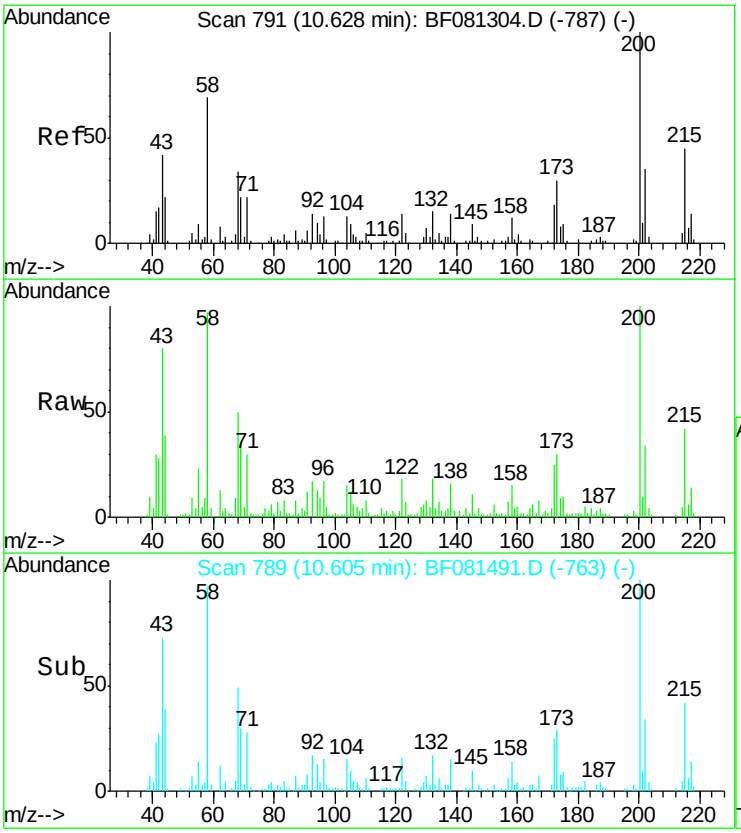
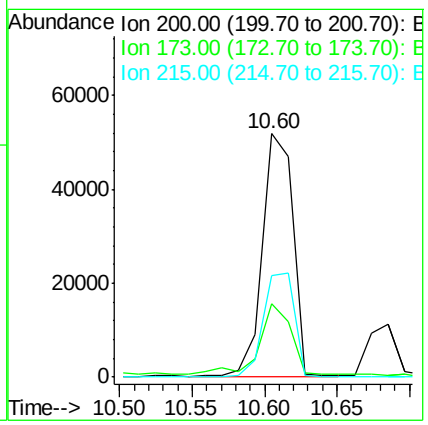
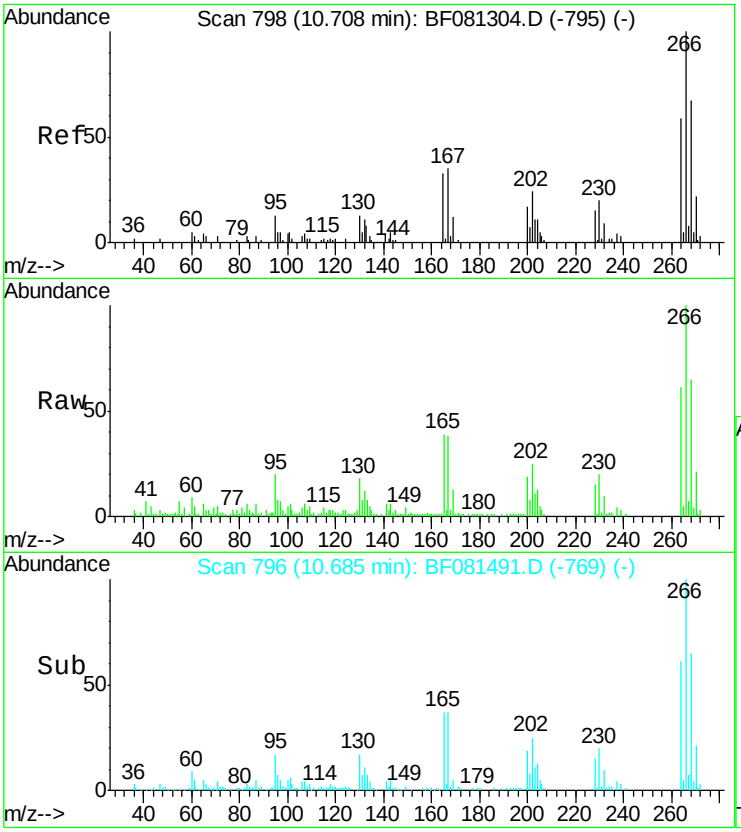


#68
Atrazine
Concen: 41.20 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:200 Resp: 76321

Ion	Ratio	Lower	Upper
200	100		
173	30.0	13.2	53.2
215	41.8	41.8	81.8

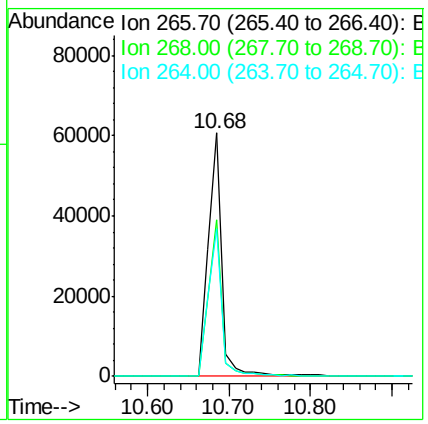




#69
Pentachlorophenol
Concen: 79.57 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:266 Resp: 71989

Ion	Ratio	Lower	Upper
266	100		
268	64.6	49.8	74.6
264	60.7	50.2	75.2



Instrument :
BNA_F
ClientSampleId :
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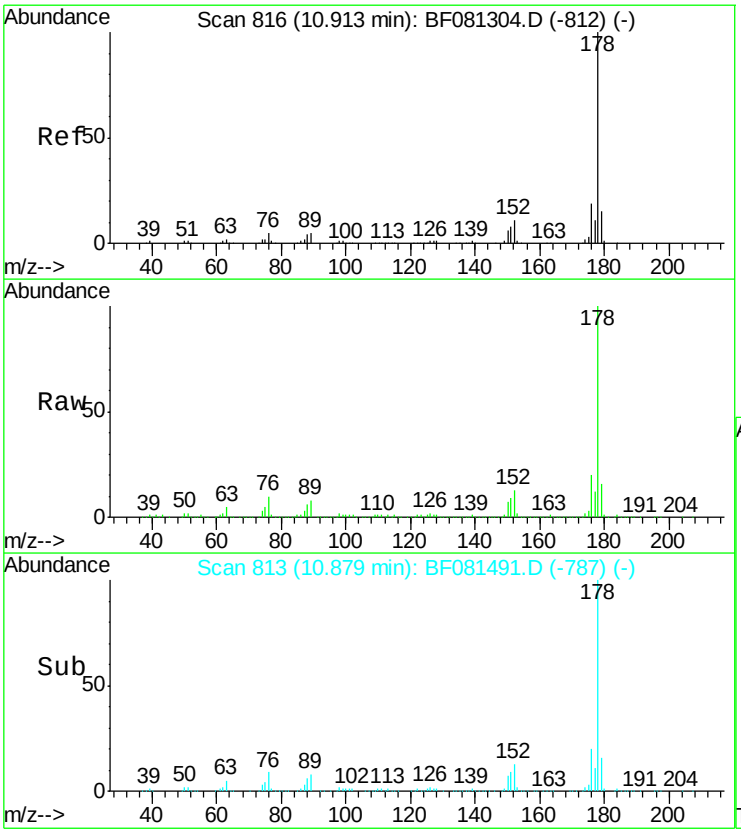
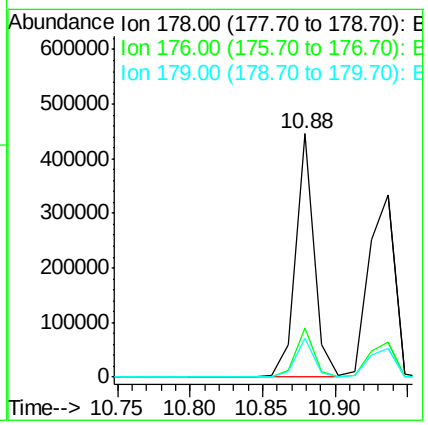
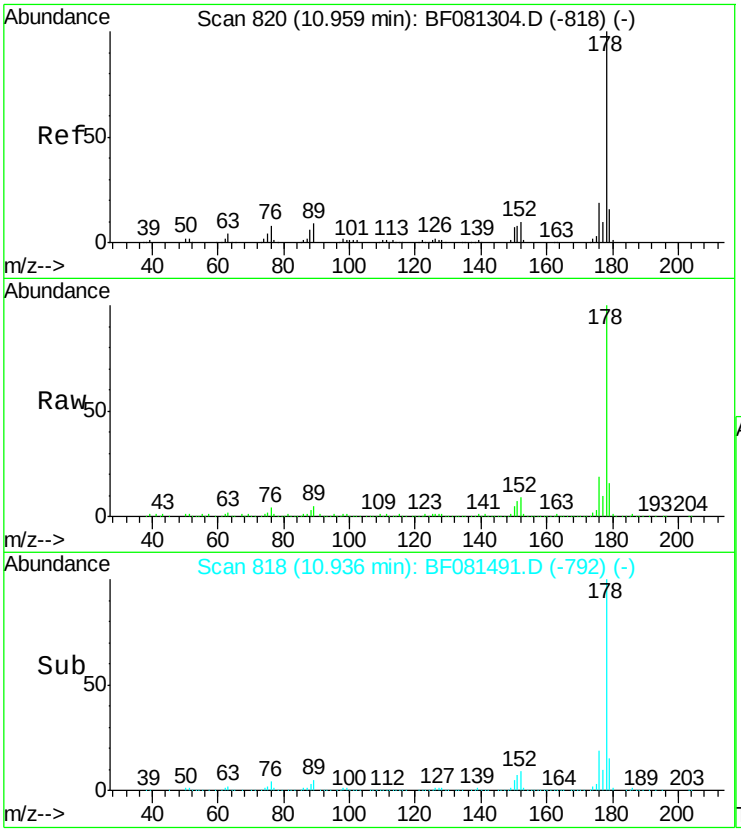


#70
Phenanthrene
Concen: 39.79 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:178 Resp: 389140

Ion	Ratio	Lower	Upper
178	100		
176	20.2	13.8	20.8
179	16.0	12.2	18.2

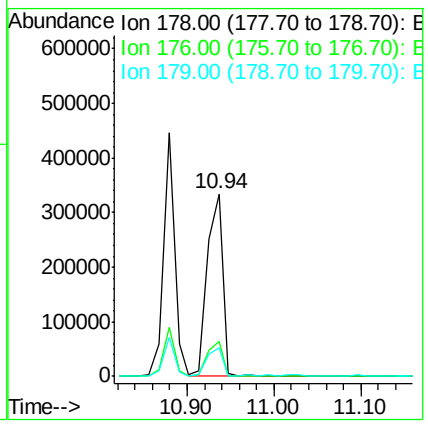




#71
Anthracene
Concen: 41.45 ng
RT: 10.94 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:178 Resp: 416488

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.1	21.1
179	15.6	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
HX2MSD

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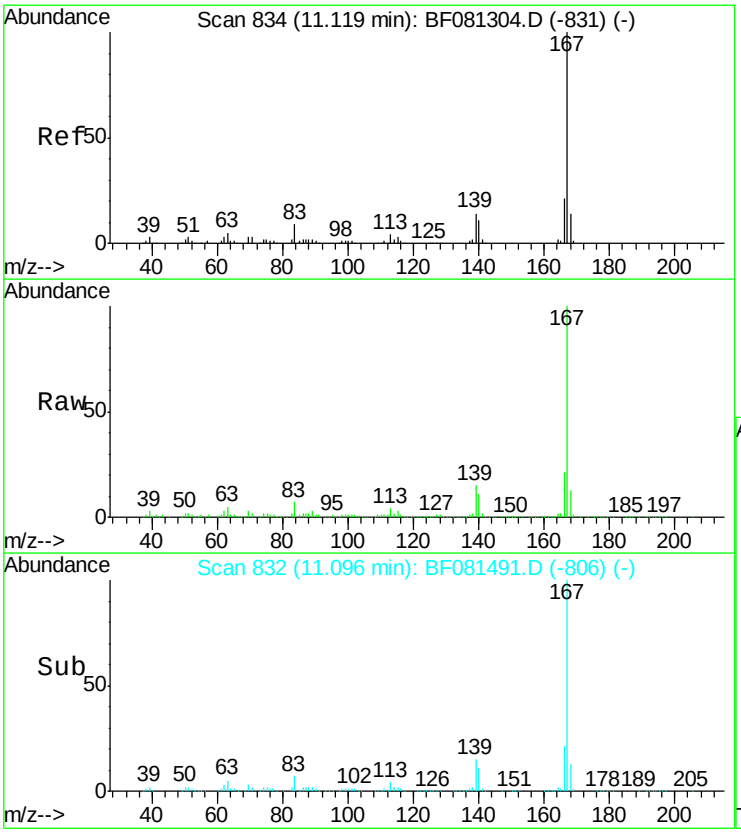
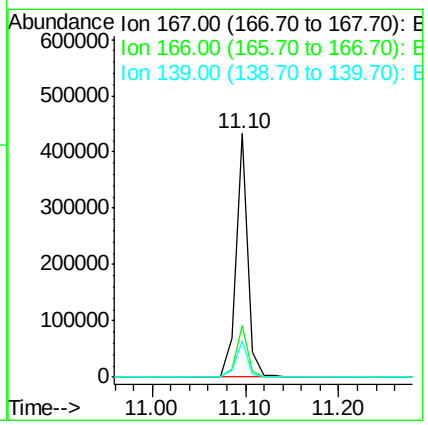
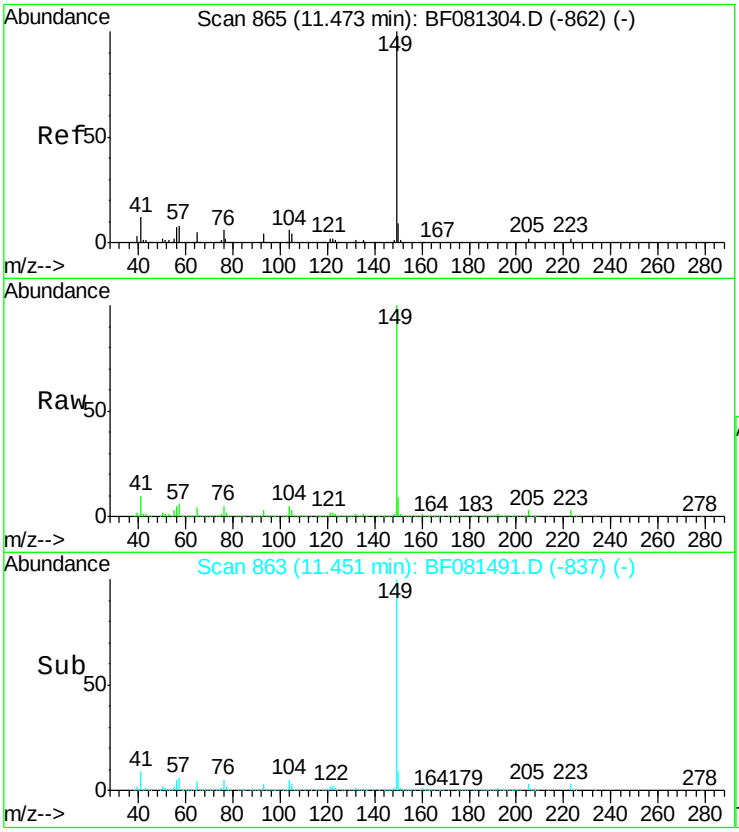


#72
Carbazole
Concen: 40.10 ng
RT: 11.10 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:167 Resp: 378029

Ion	Ratio	Lower	Upper
167	100		
166	21.3	15.7	23.5
139	14.7	9.5	14.3#

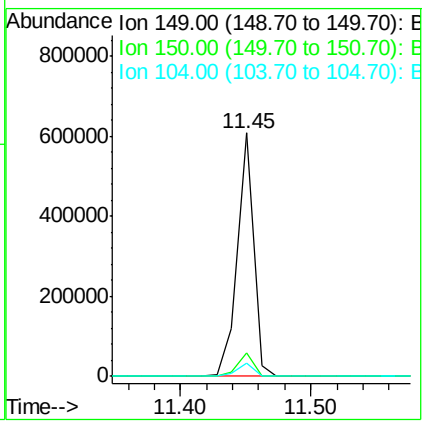




#73
Di-n-butylphthalate
Concen: 46.65 ng
RT: 11.45 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:149 Resp: 519407

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.2	2.4	3.6#



Instrument :
BNA_F
ClientSampleId :
HX2MSD

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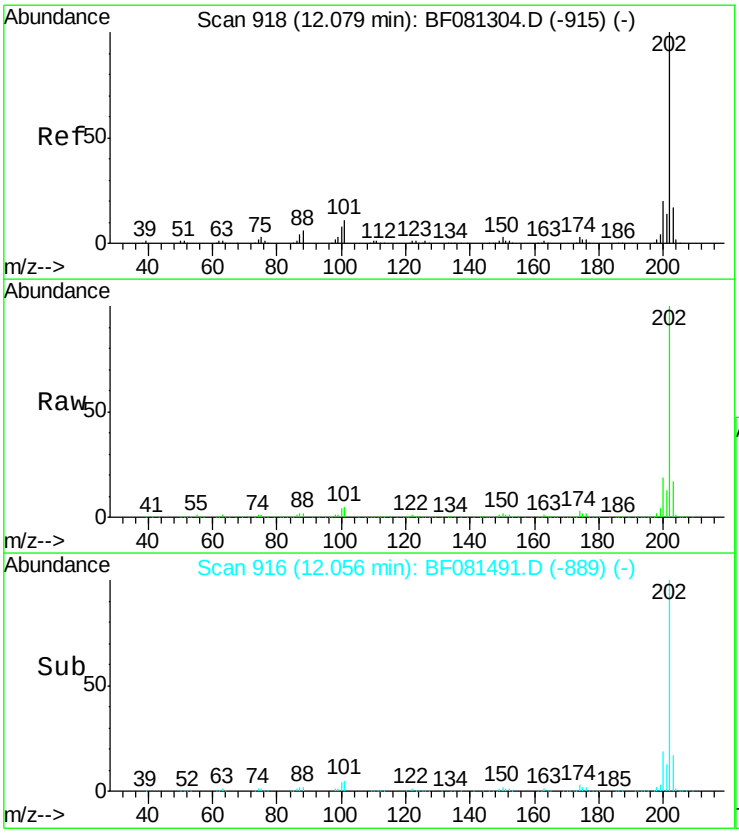
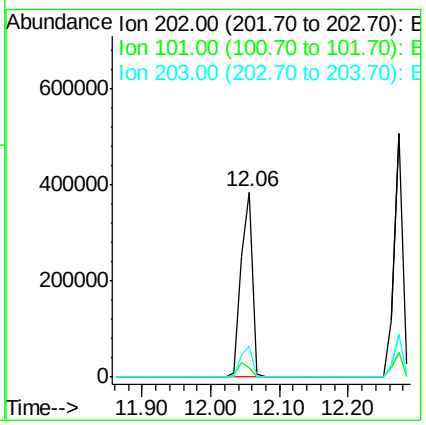
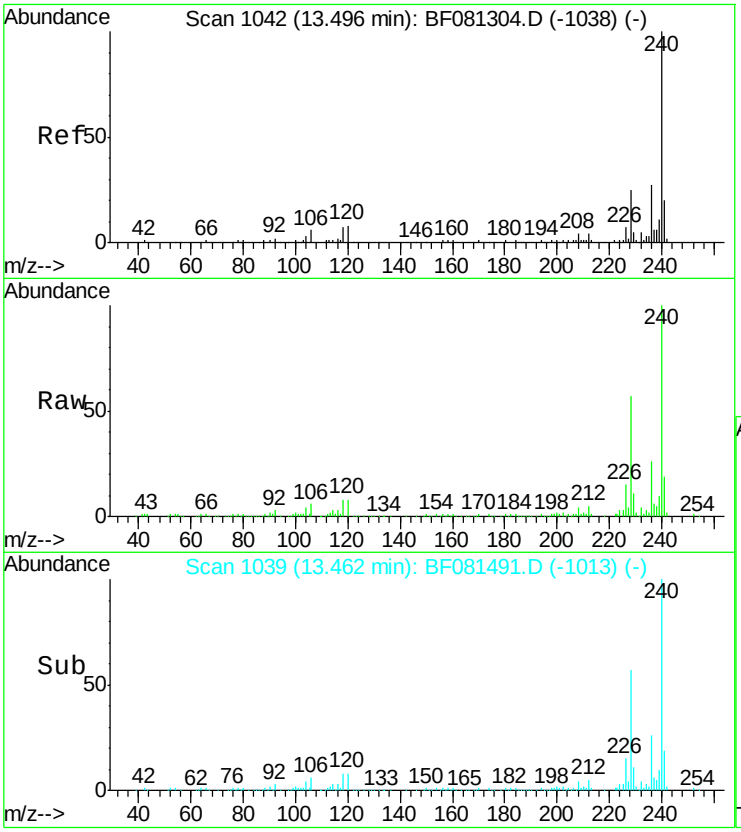


#74
Fluoranthene
Concen: 42.69 ng
RT: 12.06 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:202 Resp: 451900

Ion	Ratio	Lower	Upper
202	100		
101	4.8	0.0	38.3
203	17.2	0.0	37.3

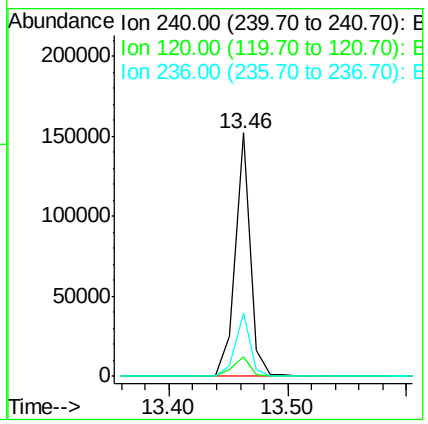




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.46 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:240 Resp: 135186

Ion	Ratio	Lower	Upper
240	100		
120	8.2	16.2	24.2#
236	25.7	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
HX2MSD

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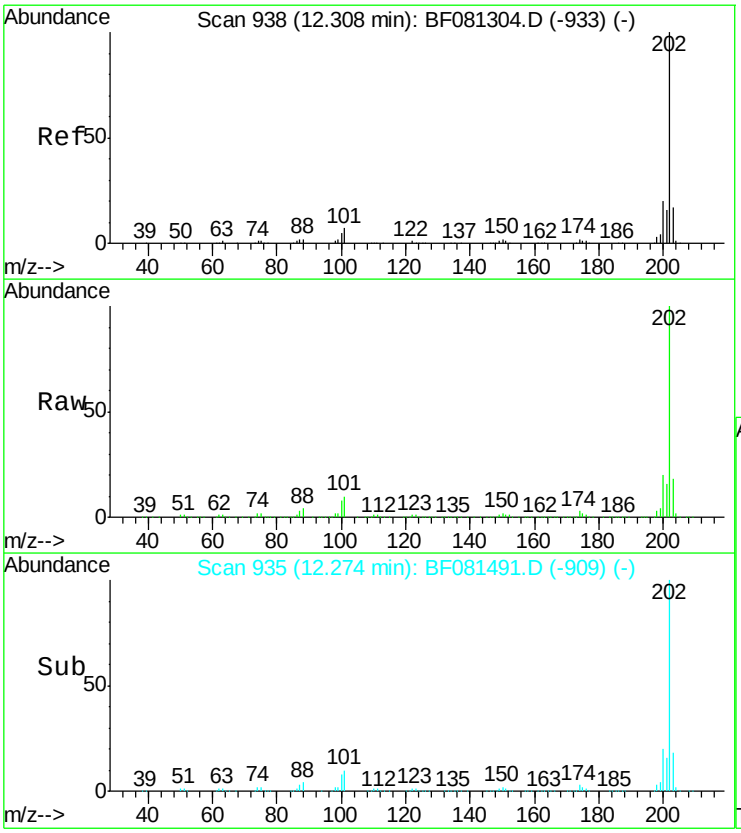
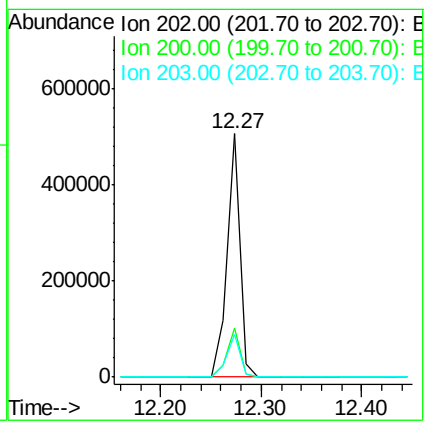
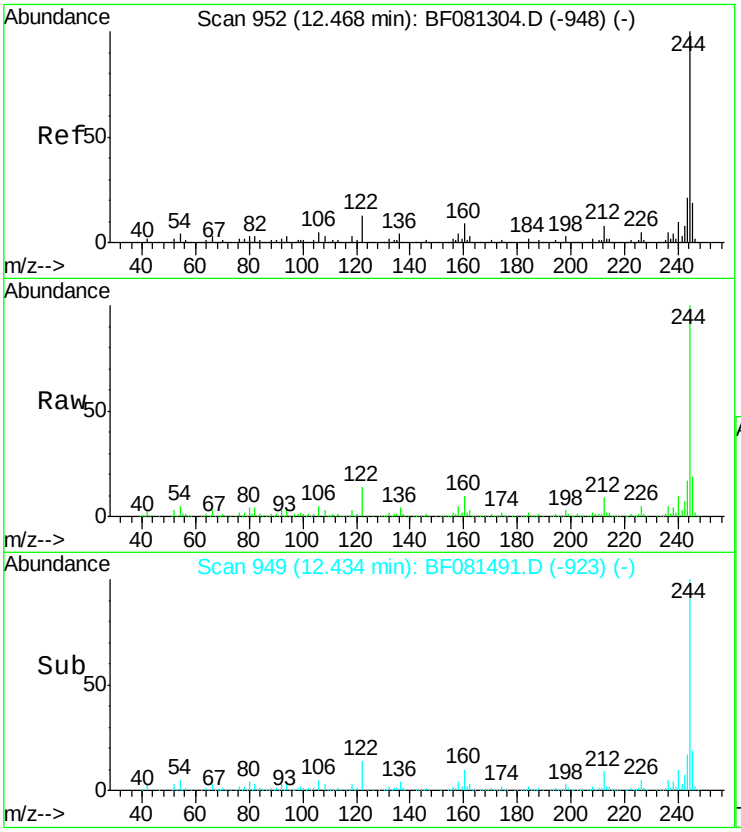


#77
Pyrene
Concen: 45.28 ng
RT: 12.27 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:202 Resp: 453389

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.0	22.4
203	17.7	14.1	21.1

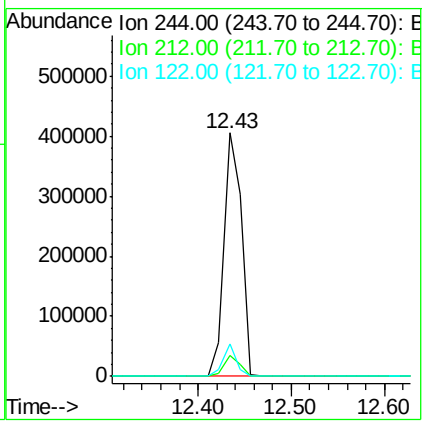




#78
Terphenyl-d14
Concen: 91.20 ng
RT: 12.43 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:244 Resp: 529641

Ion	Ratio	Lower	Upper
244	100		
212	8.6	4.3	6.5#
122	13.5	17.4	26.2#



Instrument :
BNA_F
ClientSampleId :
HX2MSD

Manual Integrations APPROVED
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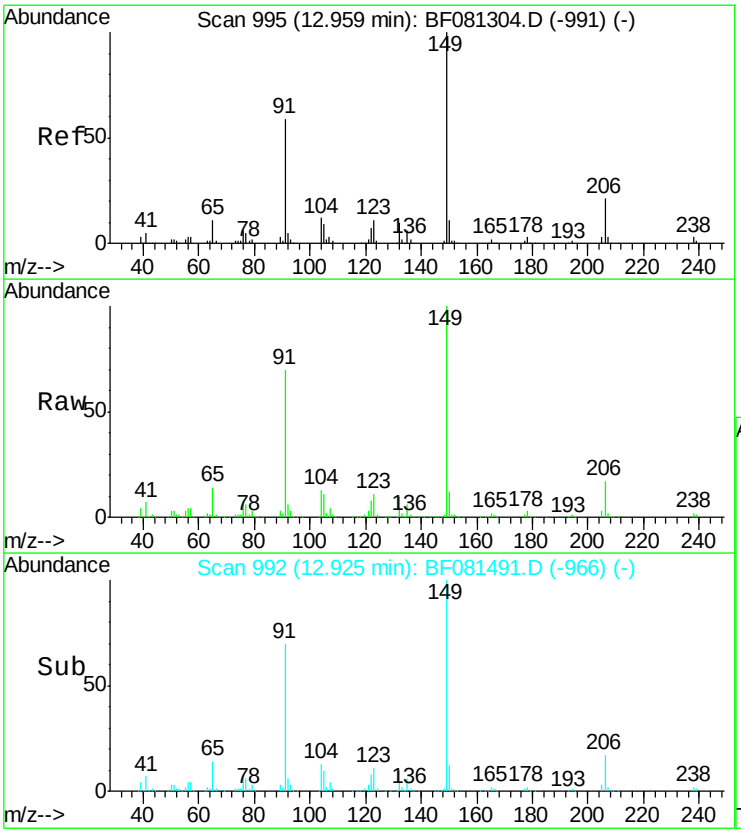
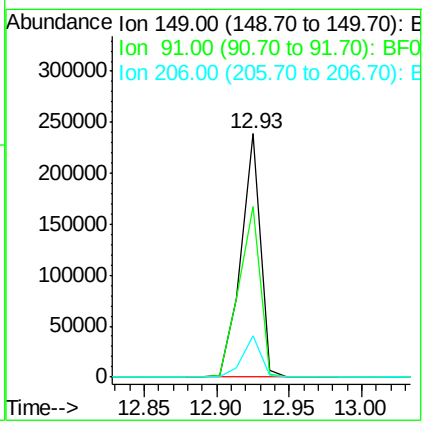
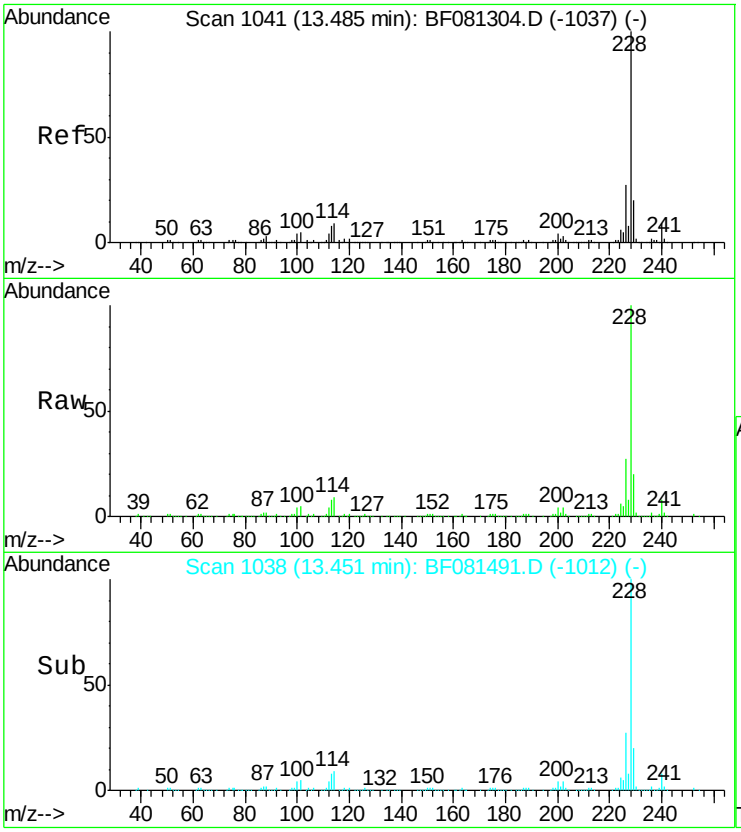


#79
Butylbenzylphthalate
Concen: 51.02 ng
RT: 12.93 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:149 Resp: 222215

Ion	Ratio	Lower	Upper
149	100		
91	70.1	48.6	72.8
206	16.9	14.9	22.3

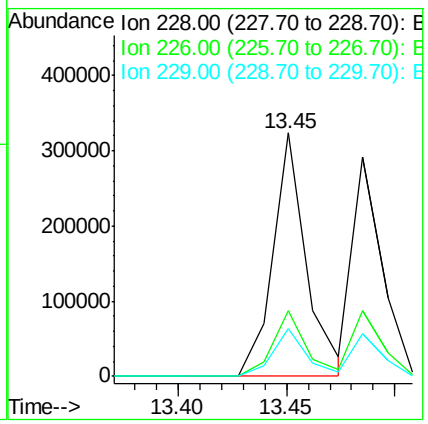




#80
Benzo(a)anthracene
Concen: 40.56 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:228 Resp: 349183

Ion	Ratio	Lower	Upper
228	100		
226	26.8	20.0	30.0
229	19.8	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
HX2MSD

Manual Integrations APPROVED
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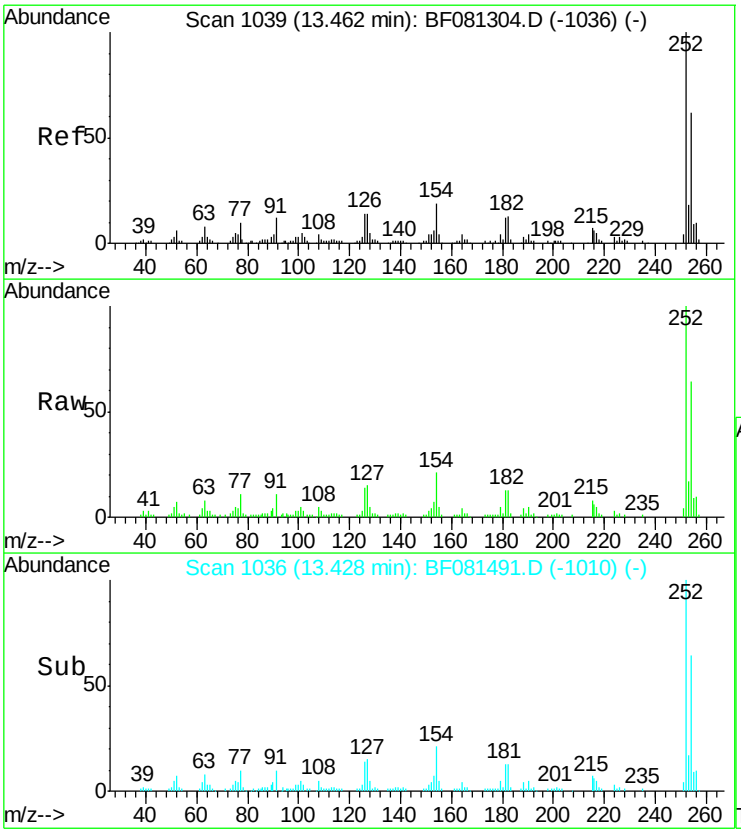
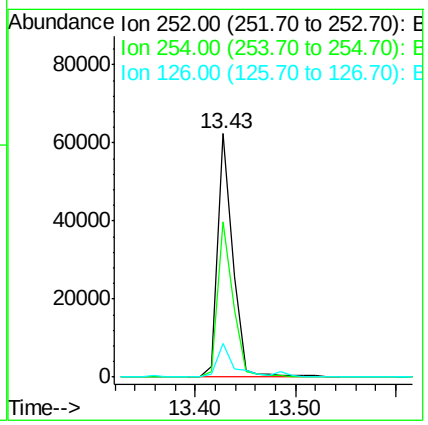
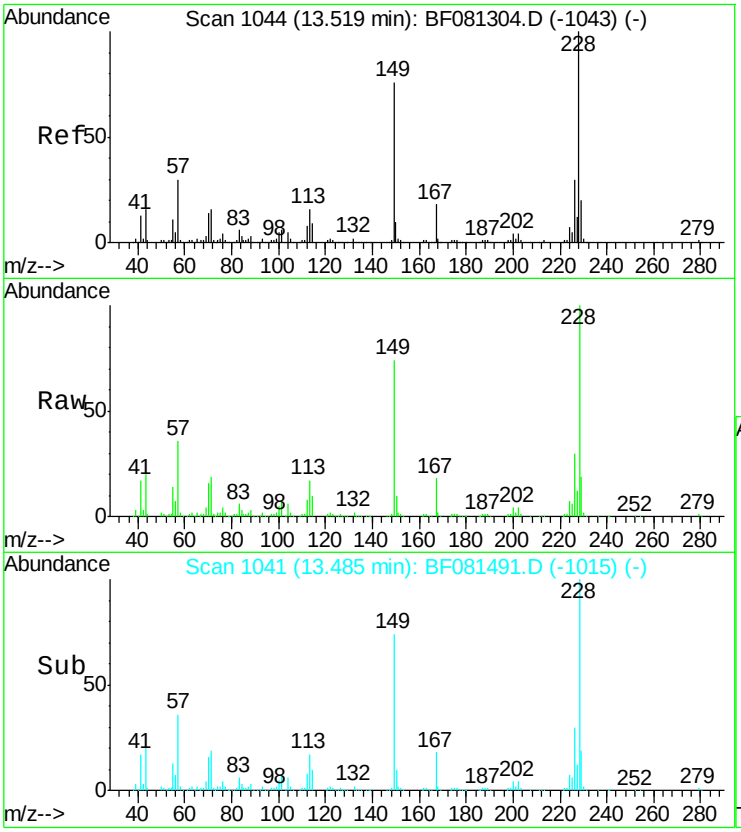


#81
3,3'-Dichlorobenzidine
Concen: 22.55 ng
RT: 13.43 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:252 Resp: 65480

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.4	77.2
126	13.7	16.4	24.6#

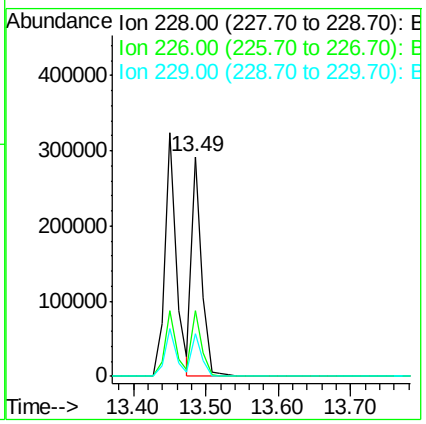




#82
Chrysene
Concen: 36.69 ng
RT: 13.49 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:228 Resp: 283178

Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.0	31.4
229	19.3	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
HX2MSD

Manual Integrations APPROVED
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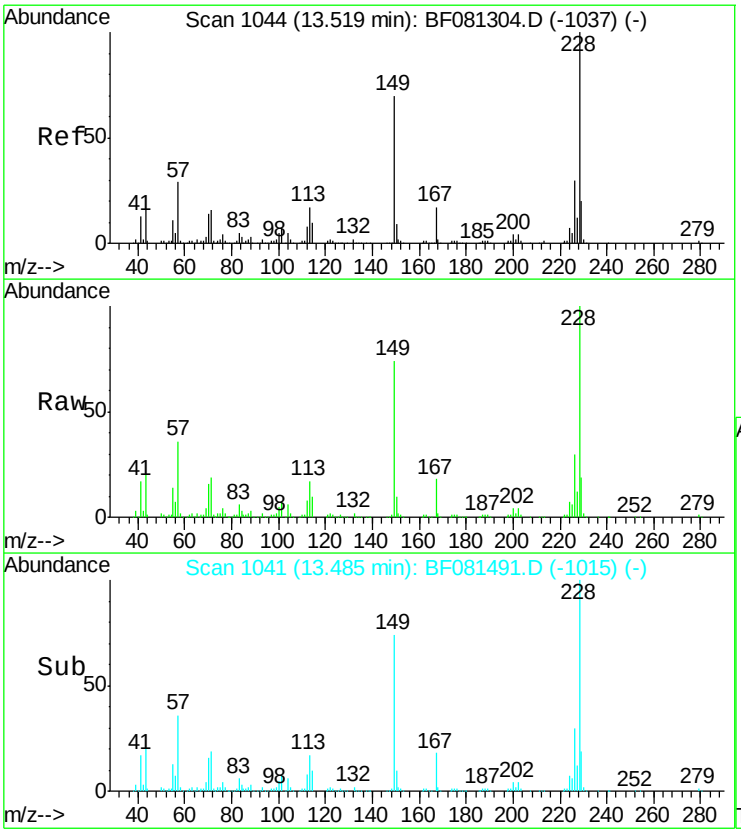
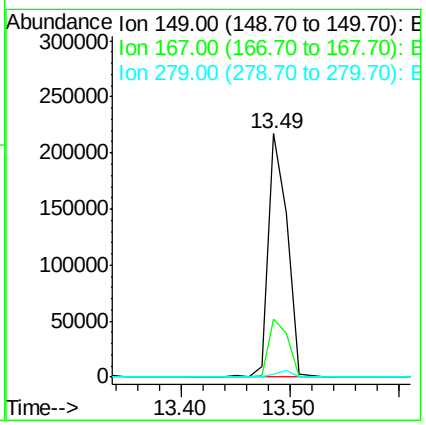
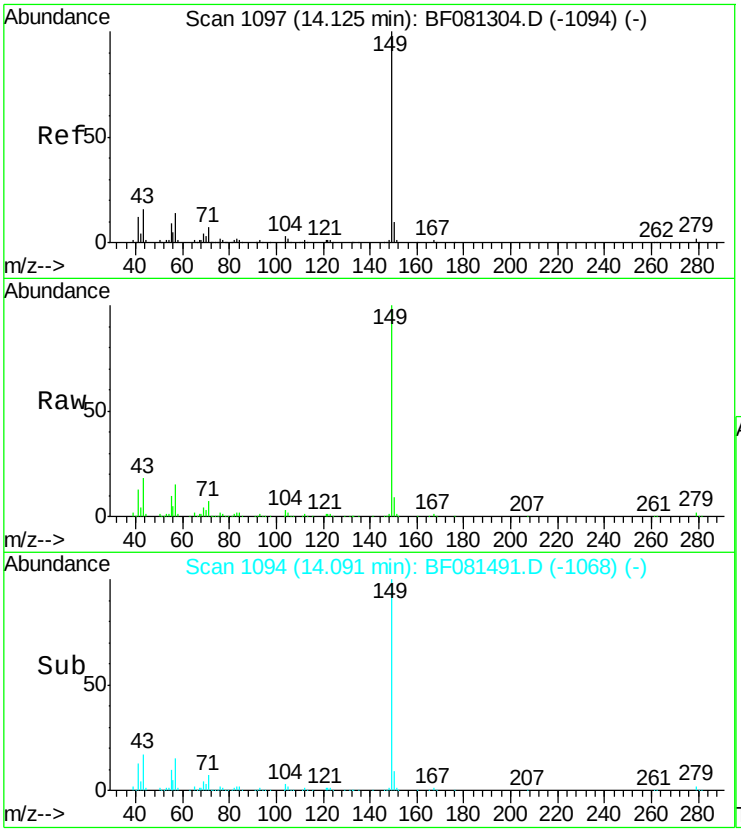


#83
Bis(2-ethylhexyl)phthalate
Concen: 45.56 ng
RT: 13.49 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:149 Resp: 261872

Ion	Ratio	Lower	Upper
149	100		
167	23.8	24.2	36.2#
279	1.5	3.8	5.6#

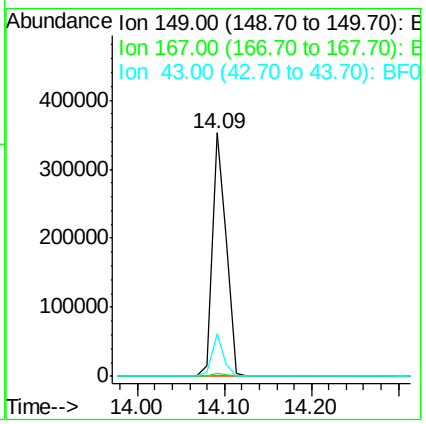




#84
Di-n-octyl phthalate
Concen: 41.99 ng
RT: 14.09 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:149 Resp: 397370

Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.0	1.6
43	14.6	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
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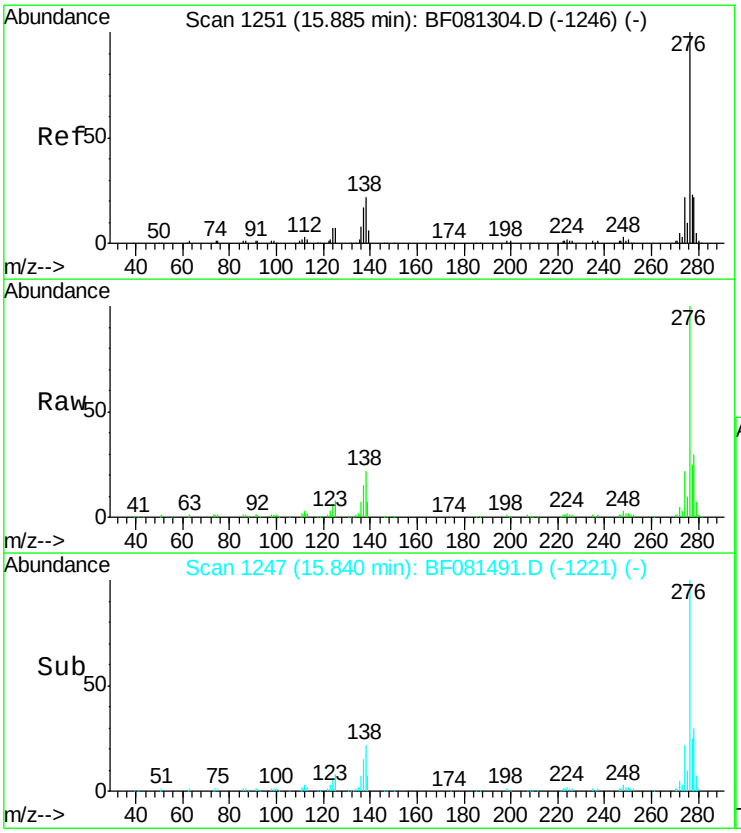
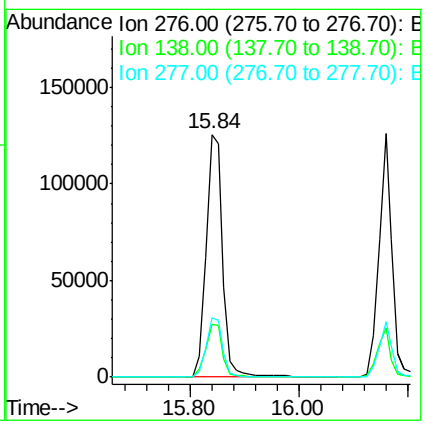
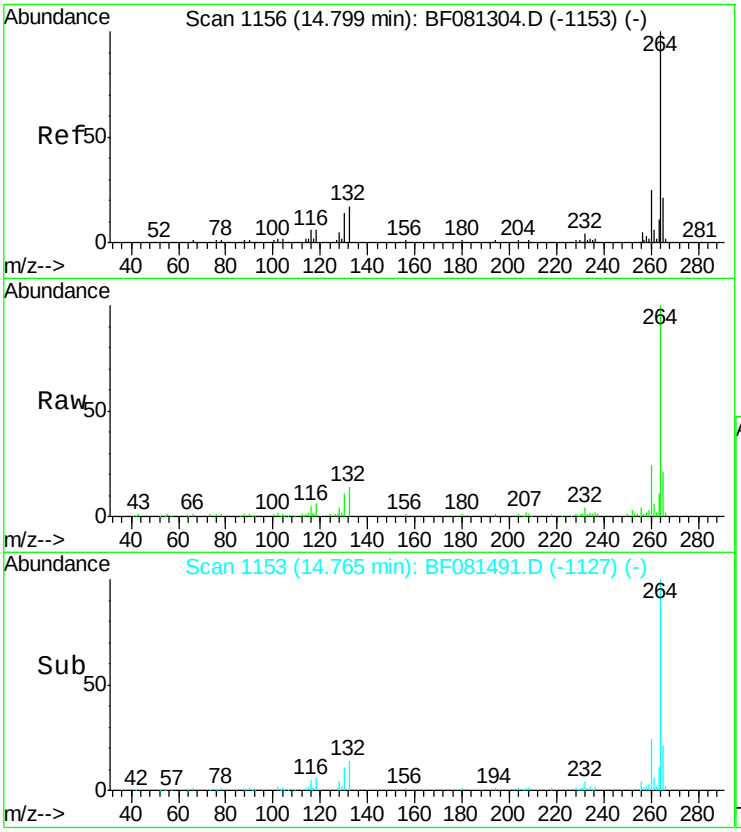


#85
Indeno(1,2,3-cd)pyrene
Concen: 47.10 ng
RT: 15.84 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:276 Resp: 266687

Ion	Ratio	Lower	Upper
276	100		
138	21.7	25.7	38.5#
277	24.3	15.6	23.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:264 Resp: 92458

Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	21.3	17.2	25.8

Instrument :
BNA_F
ClientSampleId :
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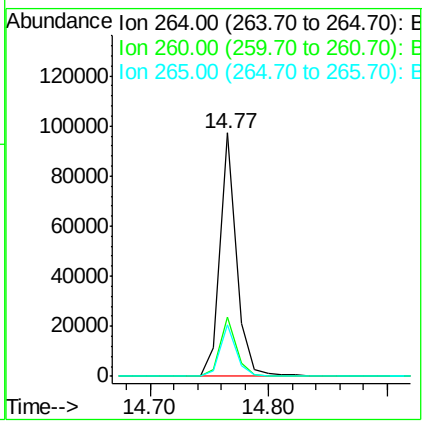
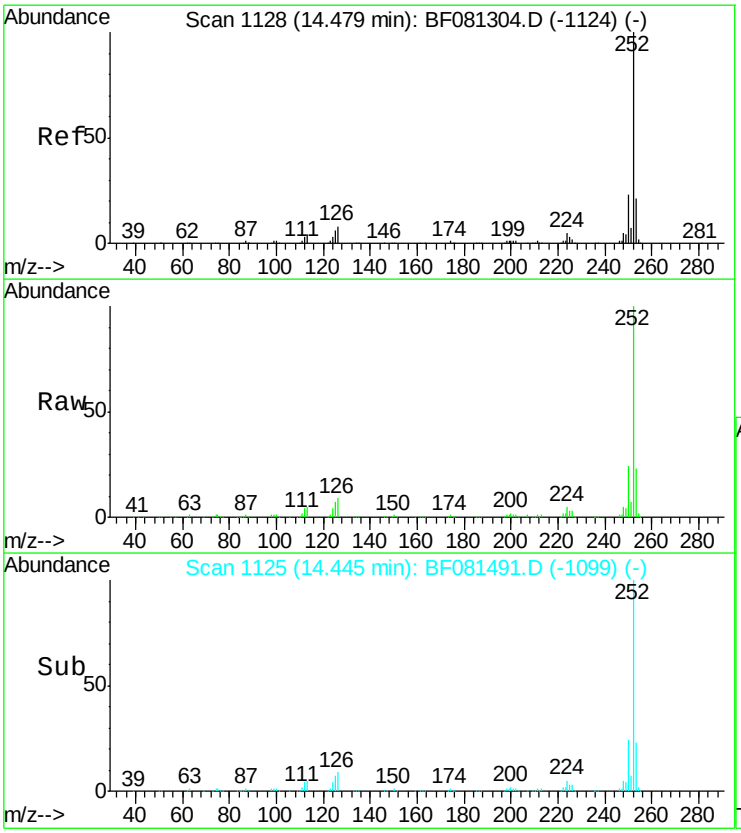
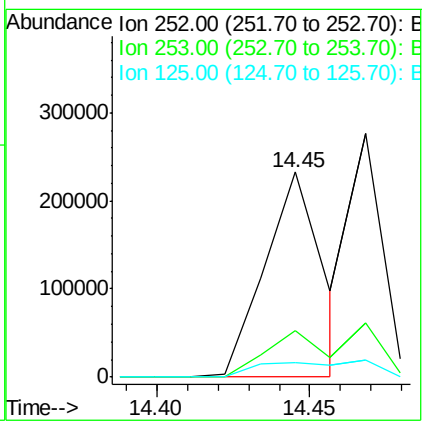


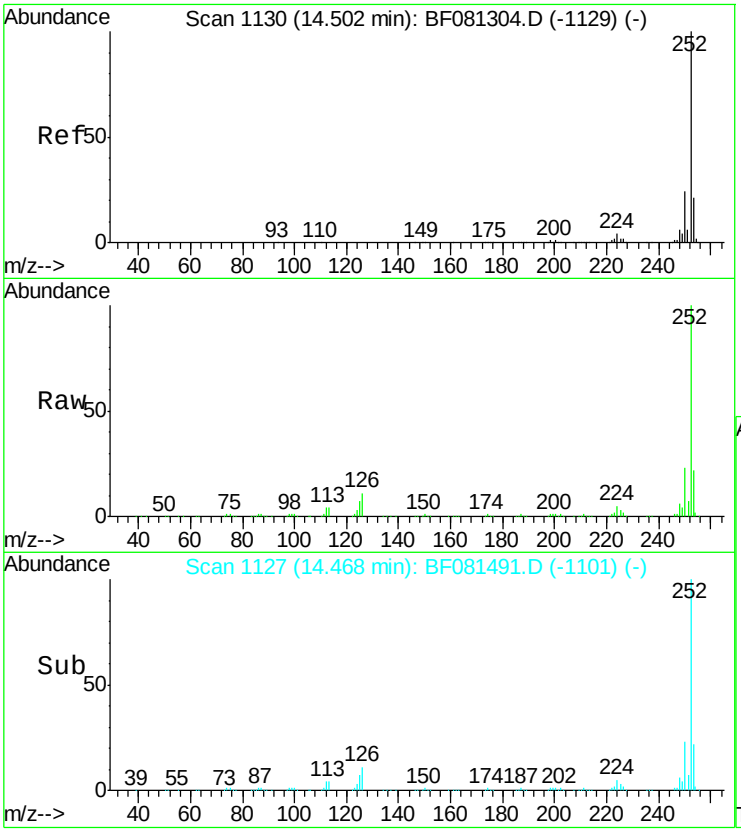


#87
Benzo(b)fluoranthene
Concen: 46.23 ng m
RT: 14.45 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:252 Resp: 305148

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	6.9	17.1	25.7#





#88
Benzo(k)fluoranthene
Concen: 37.85 ng m
RT: 14.47 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:252 Resp: 207333

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	7.1	16.0	24.0#

Instrument :
BNA_F
ClientSampleId :
HX2MSD

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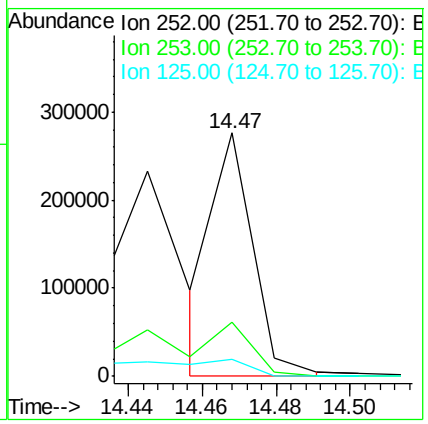
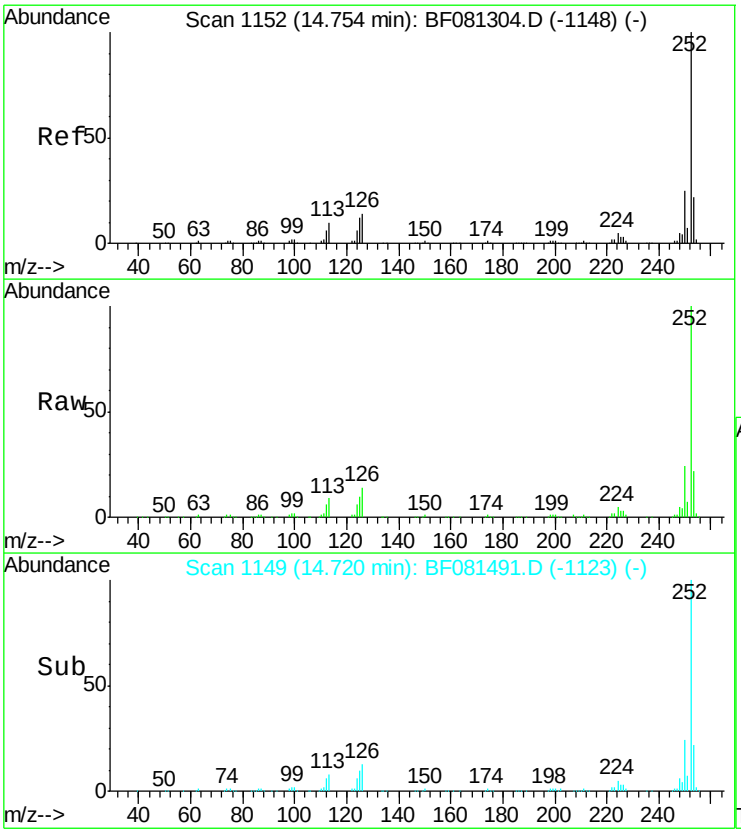
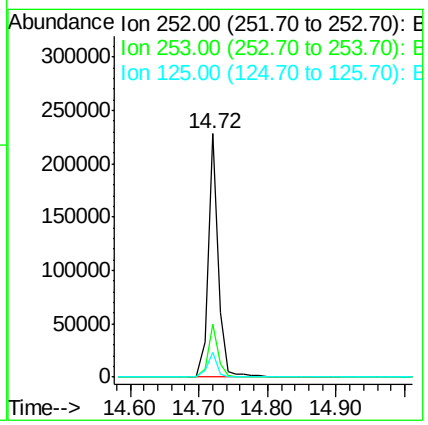


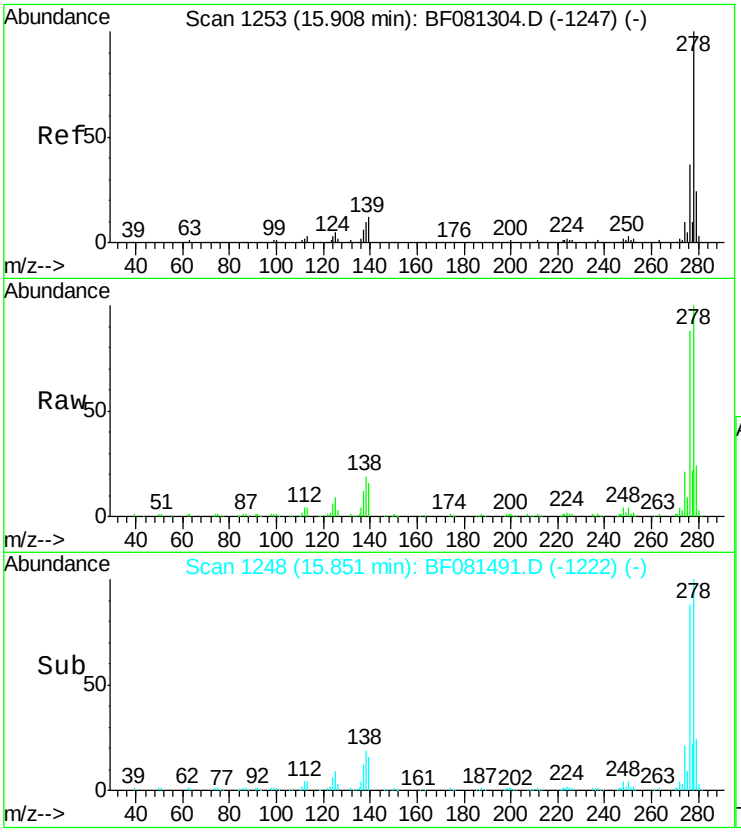


#89
Benzo(a)pyrene
Concen: 41.80 ng
RT: 14.72 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:252 Resp: 233799

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.4	18.0	27.0#

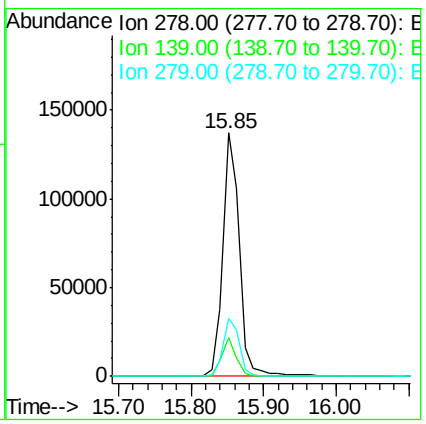




#90
Dibenzo(a,h)anthracene
Concen: 50.27 ng
RT: 15.85 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:278 Resp: 217267

Ion	Ratio	Lower	Upper
278	100		
139	15.7	26.3	39.5#
279	24.0	18.2	27.4



Instrument :
BNA_F
ClientSampleId :
HX2MSD

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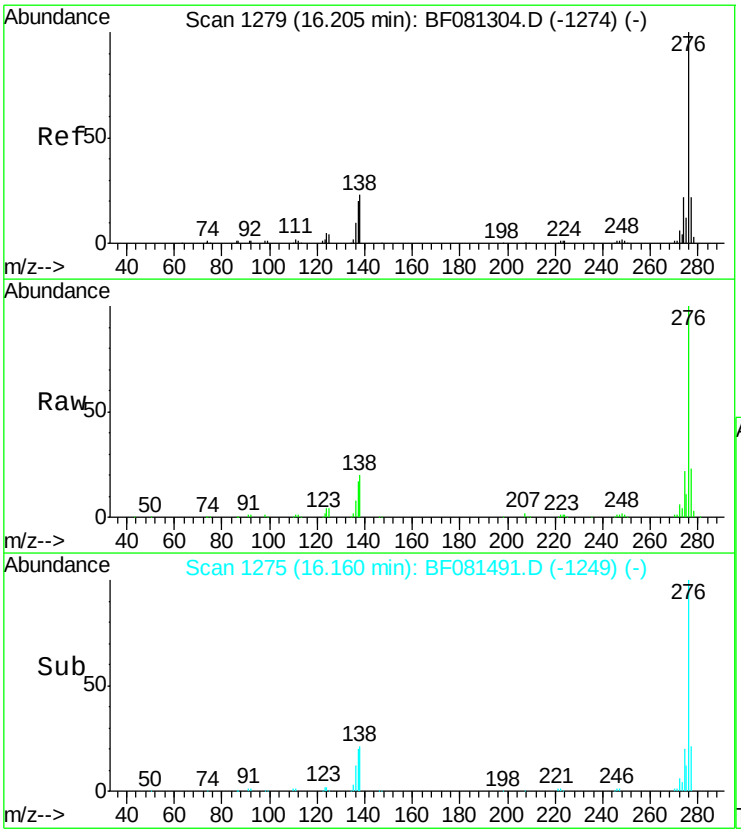

#91
Benzo(g,h,i)perylene
Concen: 53.44 ng
RT: 16.16 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:276 Resp: 220458

Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.8	26.6
138	20.3	34.6	51.8#