Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
Data File : BF081311.D
Acq On : 1 Sep 2015 19:01
Operator : UM/IZ
Sample : PB85326BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85326BS

Manual Integrations APPROVED
MMDadoda
9/2/2015 2:10:50 PM

Quant Time: Sep 02 01:11:28 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	53234	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	205360	20.00	ng		0.00
38) Acenaphthene-d10	9.42	164	93112	20.00	ng		0.00
63) Phenanthrene-d10	10.88	188	186985	20.00	ng		0.00
75) Chrysene-d12	13.50	240	166774	20.00	ng		0.00
86) Perylene-d12	14.80	264	115319	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.95	112	371952	108.41	ng		0.02
7) Phenol-d6	6.06	99	481678	106.06	ng		0.00
23) Nitrobenzene-d5	6.97	82	307654	72.28	ng		0.00
41) 2,4,6-Tribromophenol	10.20	330	92075	111.06	ng		0.00
44) 2-Fluorobiphenyl	8.76	172	556865	76.64	ng		0.00
78) Terphenyl-d14	12.47	244	453954	63.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.80	88	44556	28.91	ng		96
3) Pyridine	2.35	79	128966	30.35	ng		92
4) n-Nitrosodimethylamine	2.31	42	68456	29.00	ng	#	78
6) Aniline	6.04	93	99284	15.48	ng	#	60
8) 2-Chlorophenol	6.17	128	128511	33.99	ng		84
9) Benzaldehyde	5.92	77	15979	5.62	ng	#	66
10) Phenol	6.07	94	194800	36.99	ng	#	59
11) bis(2-Chloroethyl)ether	6.14	93	119057	31.33	ng		86
12) 1,3-Dichlorobenzene	6.32	146	119212	29.51	ng	#	85
13) 1,4-Dichlorobenzene	6.41	146	124859	30.36	ng	#	94
14) 1,2-Dichlorobenzene	6.56	146	122616m	33.11	ng		
15) Benzyl Alcohol	6.56	79	122502	32.88	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	6.70	45	236401	32.46	ng		90
17) 2-Methylphenol	6.68	107	103958	34.46	ng	#	80
18) Hexachloroethane	6.90	117	50677	31.67	ng	#	84
19) n-Nitroso-di-n-propylamine	6.83	70	99103	32.06	ng	#	82
20) 3+4-Methylphenols	6.84	107	134911	33.17	ng		88
22) Acetophenone	6.81	105	181842	32.42	ng	#	74
24) Nitrobenzene	6.98	77	138929	31.43	ng	#	62
25) Isophorone	7.23	82	256301	32.37	ng	#	86
26) 2-Nitrophenol	7.30	139	61103	31.72	ng	#	32
27) 2,4-Dimethylphenol	7.37	122	115576	34.73	ng	#	81
28) bis(2-Chloroethoxy)methane	7.46	93	152410	33.33	ng	#	93
29) 2,4-Dichlorophenol	7.55	162	101813	35.28	ng		95
30) 1,2,4-Trichlorobenzene	7.62	180	99702	31.81	ng	#	95
31) Naphthalene	7.70	128	369241	33.71	ng		98
32) Benzoic acid	7.51	122	67689	29.53	ng	#	56
33) 4-Chloroaniline	7.77	127	40683	9.11	ng	#	92
34) Hexachlorobutadiene	7.83	225	62636	32.83	ng		98
35) Caprolactam	8.14	113	36286m	41.00	ng		
36) 4-Chloro-3-methylphenol	8.27	107	115544	35.77	ng		86
37) 2-Methylnaphthalene	8.39	142	218965	30.72	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	105498	35.83	ng		98
40) Hexachlorocyclopentadiene	8.55	237	115511	79.93	ng		97

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Sample : PB85326BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
MMDadoda
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Quant Time: Sep 02 01:11:28 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	63506	31.25	ng		95
43) 2,4,5-Trichlorophenol	8.72	196	69488	33.52	ng	#	82
45) 1,1'-Biphenyl	8.86	154	281194	32.83	ng		95
46) 2-Chloronaphthalene	8.87	162	198330	32.06	ng	#	86
47) 2-Nitroaniline	8.98	65	92835	36.82	ng	#	64
48) Acenaphthylene	9.28	152	333002	30.34	ng		97
49) Dimethylphthalate	9.18	163	265343	36.68	ng	#	97
50) 2,6-Dinitrotoluene	9.23	165	52567	32.02	ng		94
51) Acenaphthene	9.45	154	195492	31.31	ng		90
52) 3-Nitroaniline	9.39	138	28865	15.44	ng	#	81
53) 2,4-Dinitrophenol	9.51	184	56541	81.76	ng	#	83
54) Dibenzofuran	9.62	168	294627	32.32	ng	#	83
55) 4-Nitrophenol	9.58	139	72946	62.12	ng	#	1
56) 2,4-Dinitrotoluene	9.63	165	69442	33.22	ng	#	93
57) Fluorene	9.96	166	253420	36.63	ng		95
58) 2,3,4,6-Tetrachlorophenol	9.75	232	54140	34.20	ng	#	86
59) Diethylphthalate	9.87	149	270172	35.50	ng		98
60) 4-Chlorophenyl-phenylether	9.96	204	109496	33.96	ng	#	79
61) 4-Nitroaniline	10.00	138	58576	31.02	ng	#	28
62) Azobenzene	10.12	77	315529	37.29	ng		88
64) 4,6-Dinitro-2-methylphenol	10.03	198	36903	35.29	ng		82
65) n-Nitrosodiphenylamine	10.09	169	231933	34.09	ng		92
66) 4-Bromophenyl-phenylether	10.44	248	60520	32.01	ng	#	79
67) Hexachlorobenzene	10.50	284	63412	32.08	ng	#	81
68) Atrazine	10.63	200	74239	37.70	ng		83
69) Pentachlorophenol	10.71	266	59977	64.25	ng		98
70) Phenanthrene	10.91	178	339065	32.62	ng		97
71) Anthracene	10.96	178	357786	33.50	ng		98
72) Carbazole	11.12	167	315595	31.49	ng		95
73) Di-n-butylphthalate	11.47	149	381725	32.26	ng	#	98
74) Fluoranthene	12.08	202	370615	32.93	ng		91
76) Benzidine	12.22	184	136691	19.09	ng		99
77) Pyrene	12.31	202	402266	32.56	ng		98
79) Butylbenzylphthalate	12.96	149	169126	31.48	ng		96
80) Benzo(a)anthracene	13.49	228	317086	29.86	ng		97
81) 3,3'-Dichlorobenzidine	13.46	252	50087	13.98	ng	#	95
82) Chrysene	13.52	228	295596m	31.05	ng		
83) Bis(2-ethylhexyl)phthalate	13.52	149	218904	30.87	ng	#	91
84) Di-n-octyl phthalate	14.13	149	358427	30.70	ng		98
85) Indeno(1,2,3-cd)pyrene	15.89	276	207517	29.71	ng	#	87
87) Benzo(b)fluoranthene	14.48	252	335478m	40.75	ng		
88) Benzo(k)fluoranthene	14.50	252	191082m	27.97	ng		
89) Benzo(a)pyrene	14.75	252	242977	34.83	ng	#	86
90) Dibenzo(a,h)anthracene	15.90	278	174904	32.44	ng	#	83
91) Benzo(g,h,i)perylene	16.21	276	165508	32.17	ng	#	77

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

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Quant Time: Sep 02 01:11:28 2015
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Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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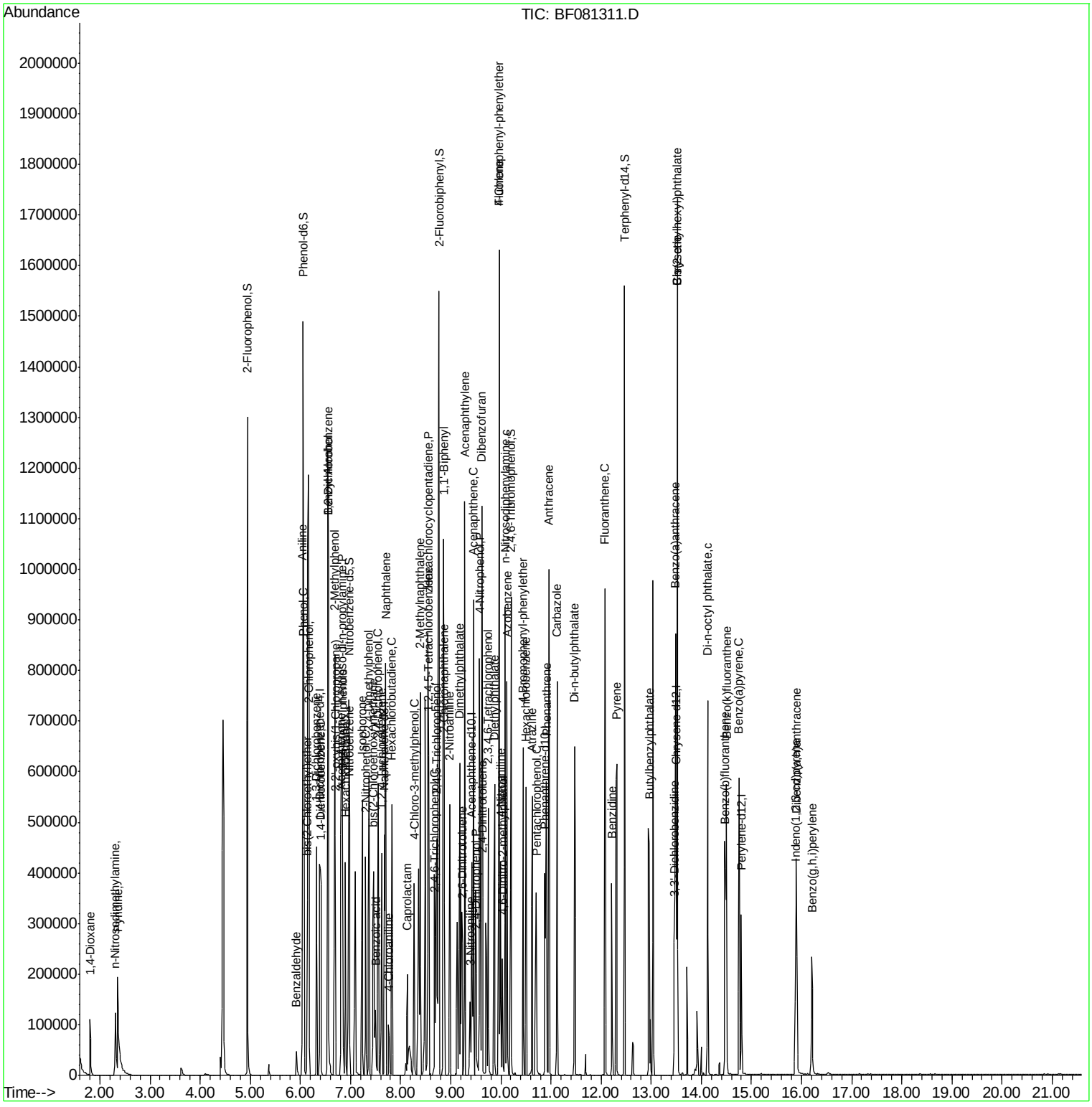
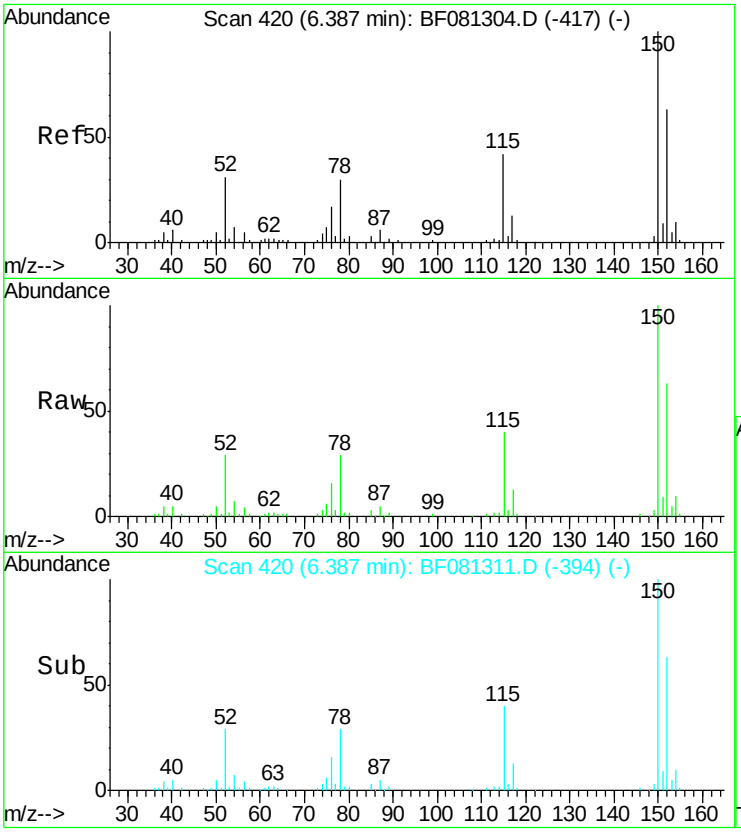
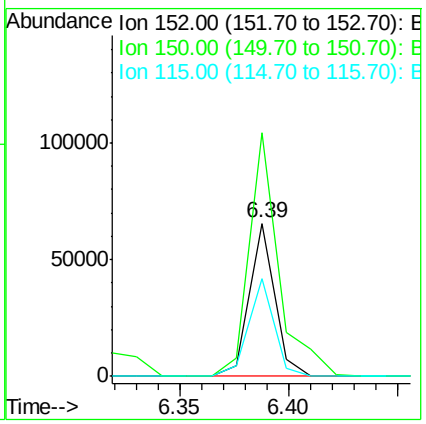




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:152 Resp: 53234

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.7	187.1
115	63.5	39.0	58.4#



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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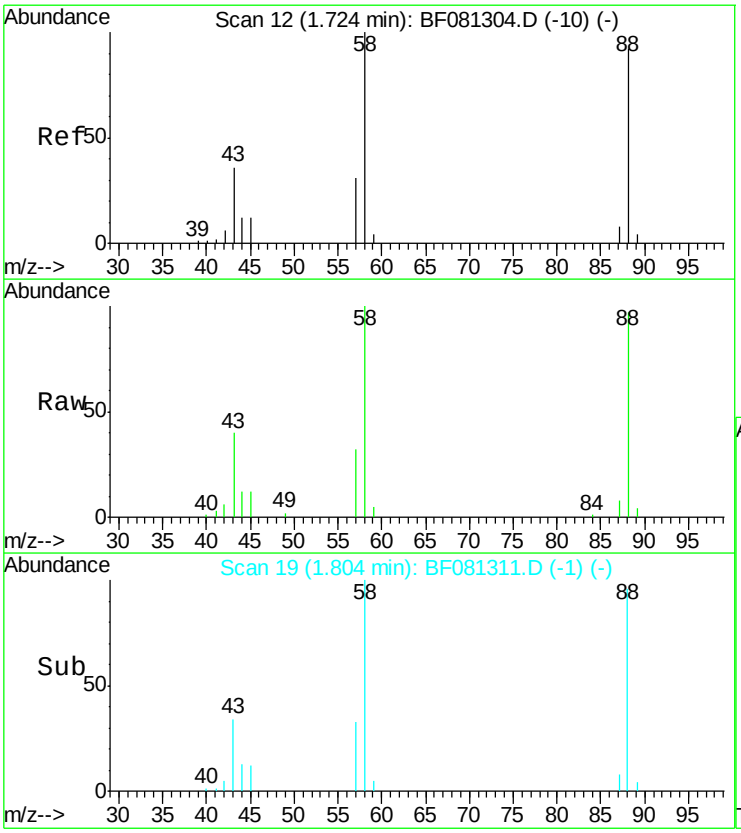
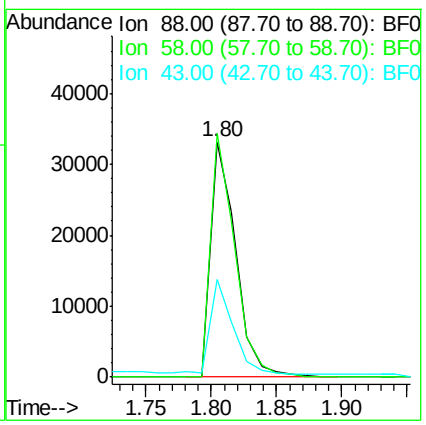
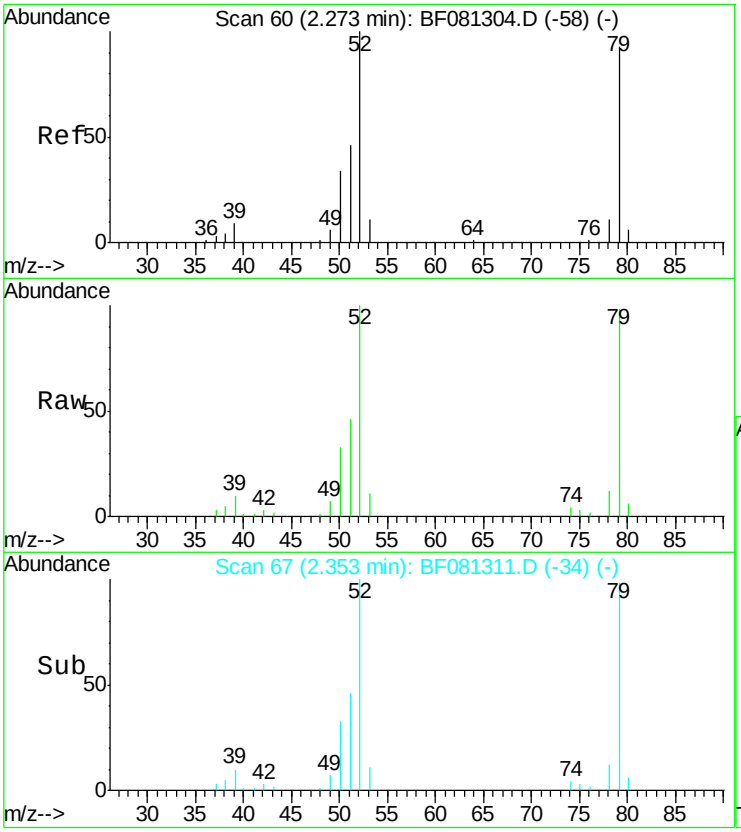


#2
1,4-Dioxane
Concen: 28.91 ng
RT: 1.80 min Scan# 19
Delta R.T. 0.08 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 88 Resp: 44556

Ion	Ratio	Lower	Upper
88	100		
58	100.1	77.7	116.5
43	38.0	26.6	40.0

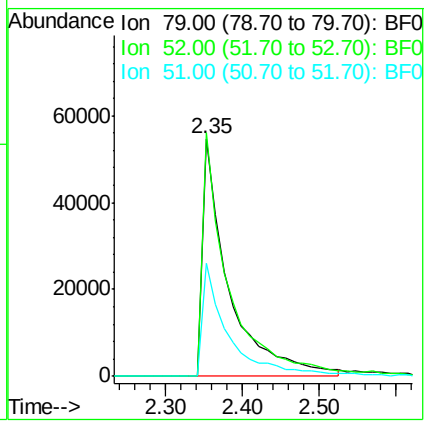




#3
Pyridine
Concen: 30.35 ng
RT: 2.35 min Scan# 67
Delta R.T. 0.08 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 79 Resp: 128966

Ion	Ratio	Lower	Upper
79	100		
52	102.5	76.8	115.2
51	47.5	32.2	48.4



Instrument :
BNA_F
ClientSampleId :
PB85326BS

Manual Integrations APPROVED
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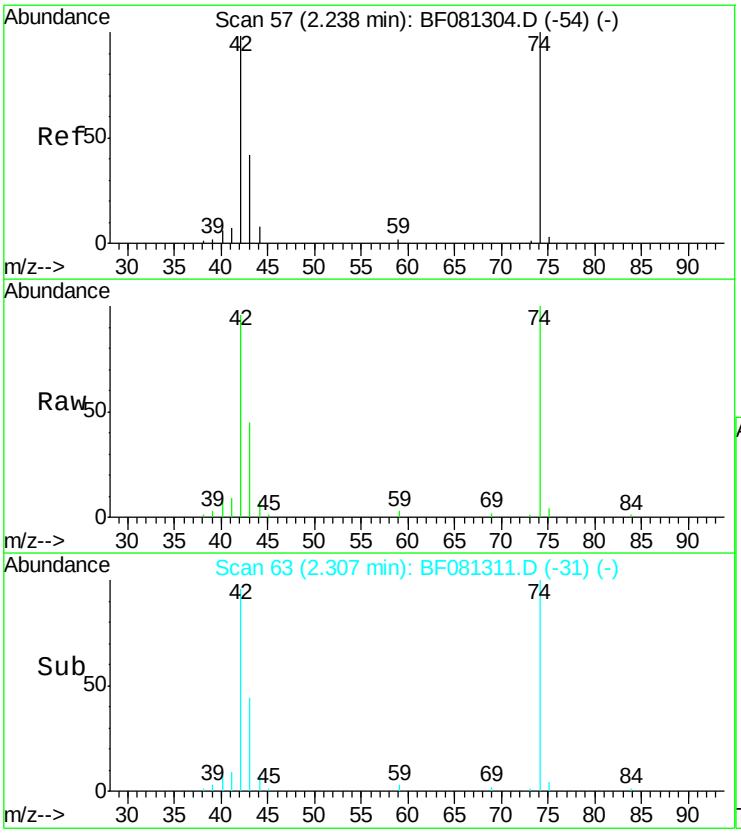
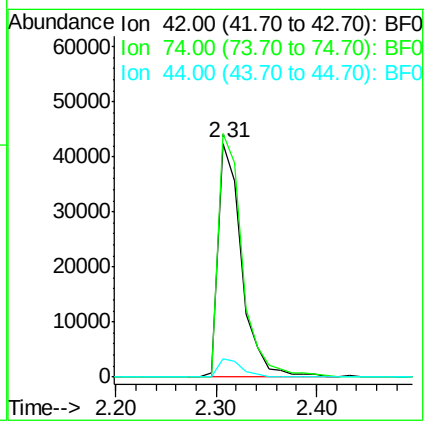
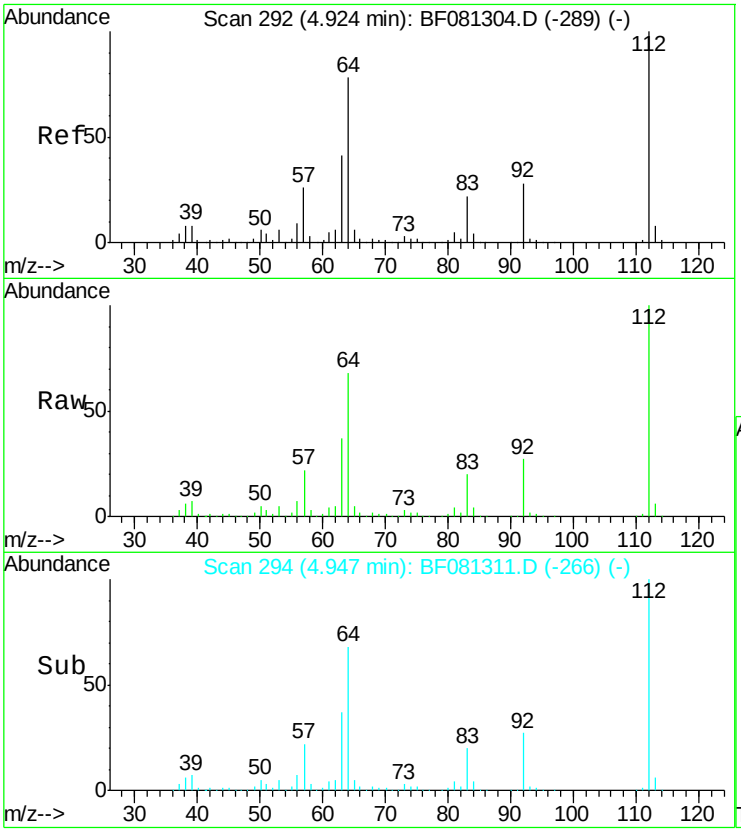


#4
n-Nitrosodimethylamine
Concen: 29.00 ng
RT: 2.31 min Scan# 63
Delta R.T. 0.07 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 42 Resp: 68456

Ion	Ratio	Lower	Upper
42	100		
74	104.3	105.0	157.6#
44	7.9	6.6	10.0





#5
2-Fluorophenol
Concen: 108.41 ng
RT: 4.95 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:112 Resp: 371952

Ion	Ratio	Lower	Upper
112	100		
64	67.9	39.7	59.5#
63	36.6	17.4	26.0#

Instrument :
BNA_F
ClientSampleId :
PB85326BS

Manual Integrations APPROVED
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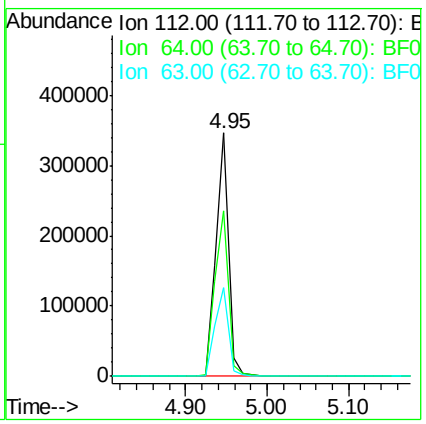
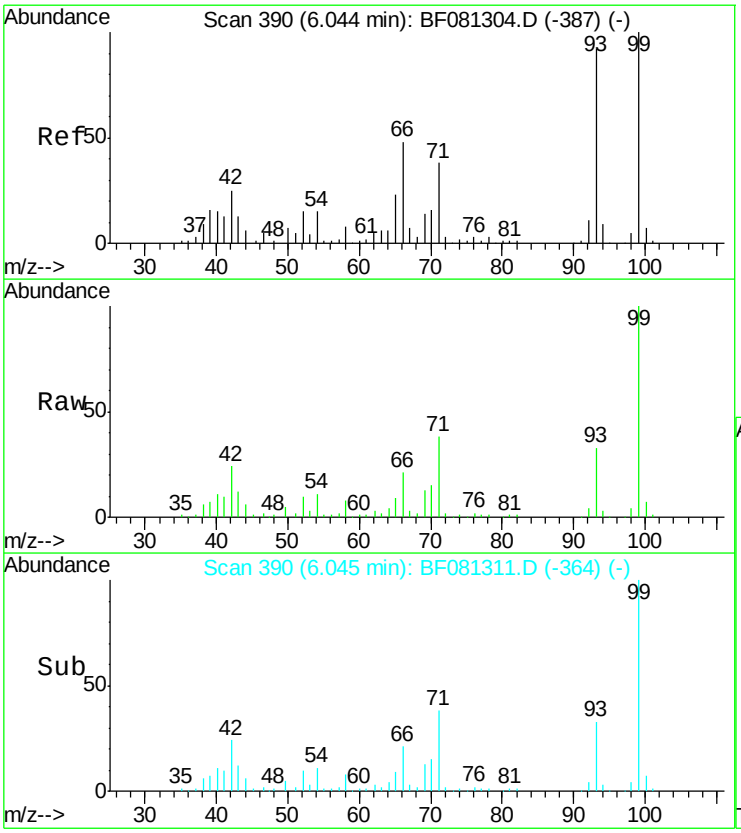
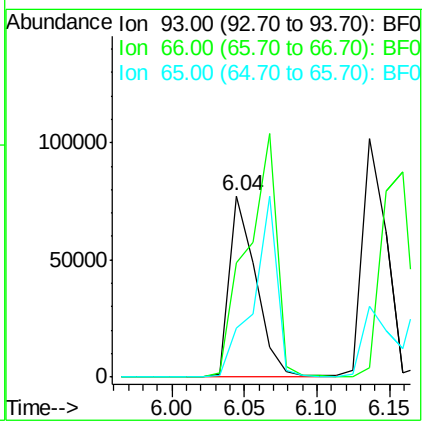


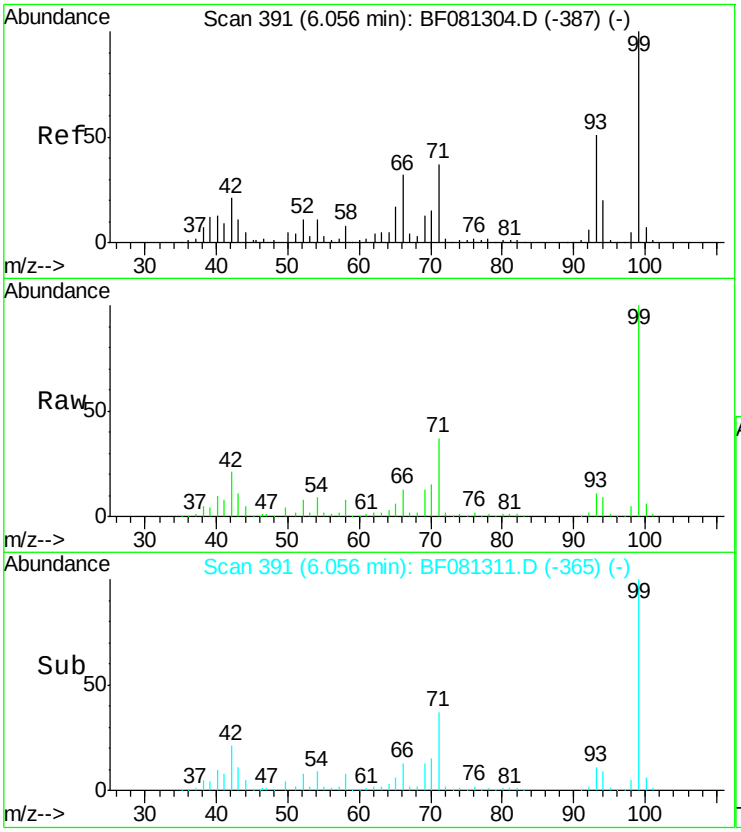


#6
Aniline
Concen: 15.48 ng
RT: 6.04 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 93 Resp: 99284

Ion	Ratio	Lower	Upper
93	100		
66	63.1	27.2	40.8#
65	26.8	14.7	22.1#





#7
Phenol-d6
Concen: 106.06 ng
RT: 6.06 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 99 Resp: 481678

Ion	Ratio	Lower	Upper
99	100		
42	21.3	13.7	20.5#
71	37.0	14.2	21.2#

Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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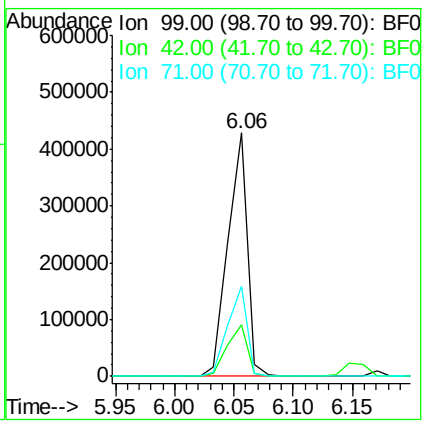
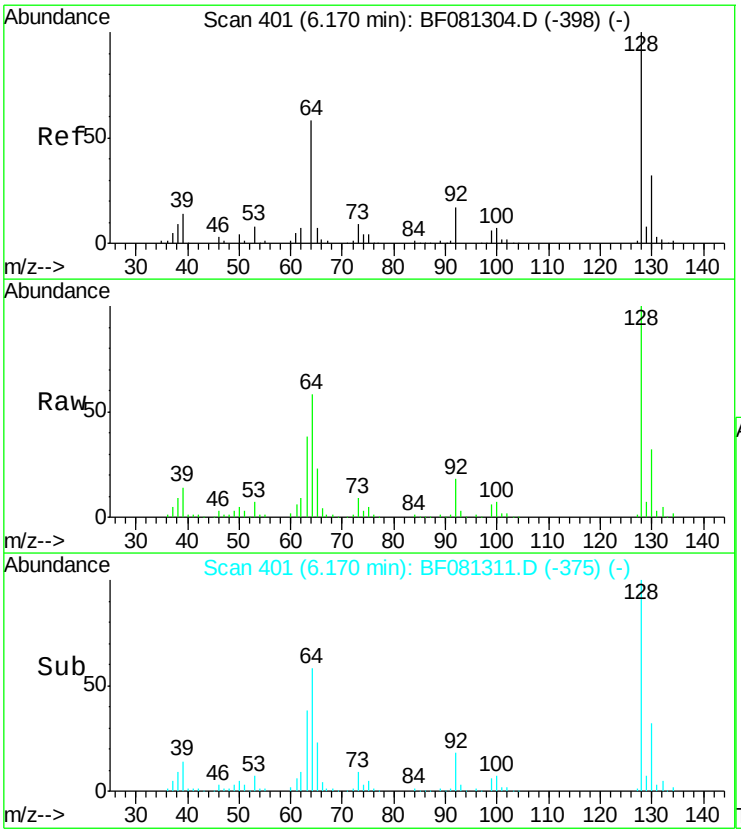
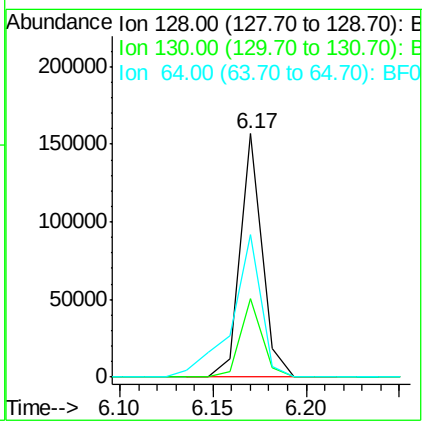


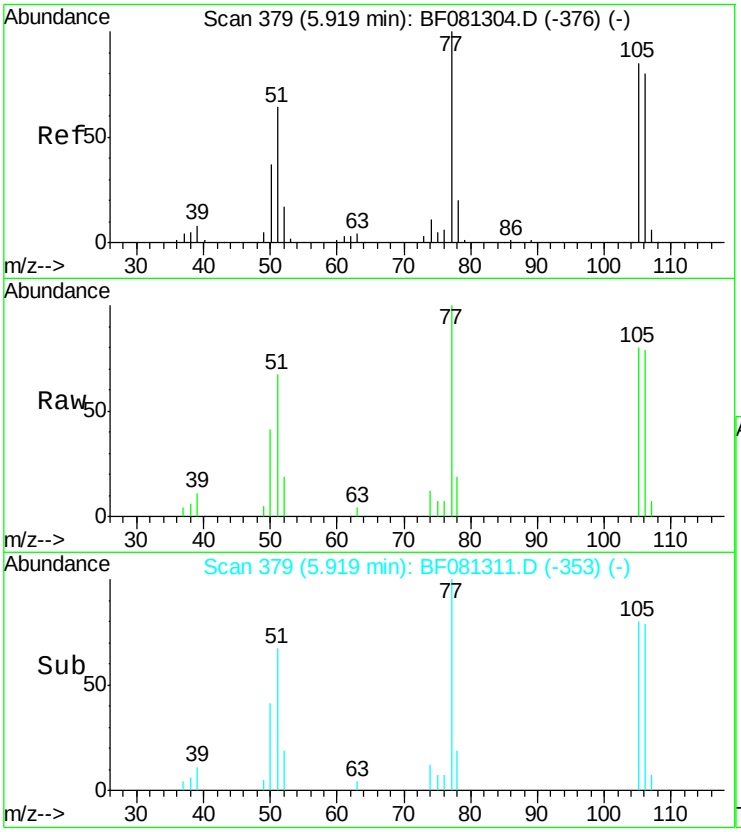


#8
2-Chlorophenol
Concen: 33.99 ng
RT: 6.17 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:128 Resp: 128511

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.2	52.2
64	58.5	20.5	60.5





#9
Benzaldehyde
Concen: 5.62 ng
RT: 5.92 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 77 Resp: 15979

Ion	Ratio	Lower	Upper
77	100		
105	79.6	91.6	131.6#
106	79.4	102.6	142.6#

Instrument :
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ClientSampleId :
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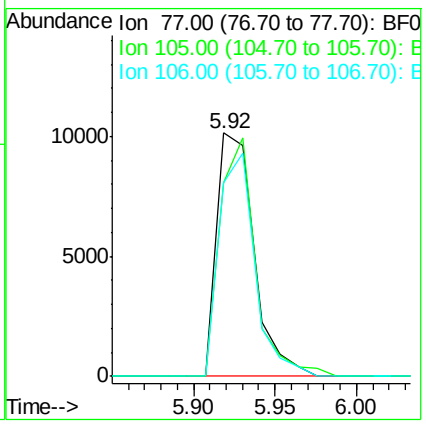
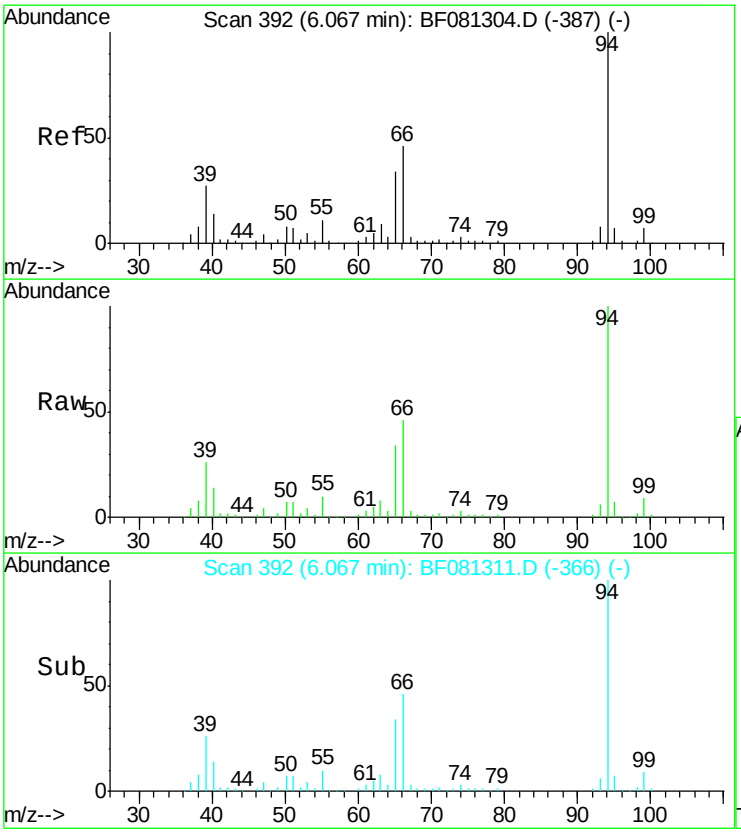
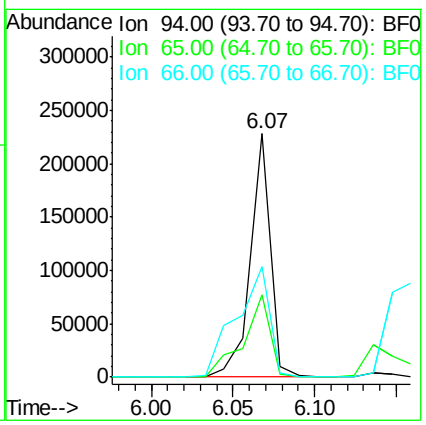


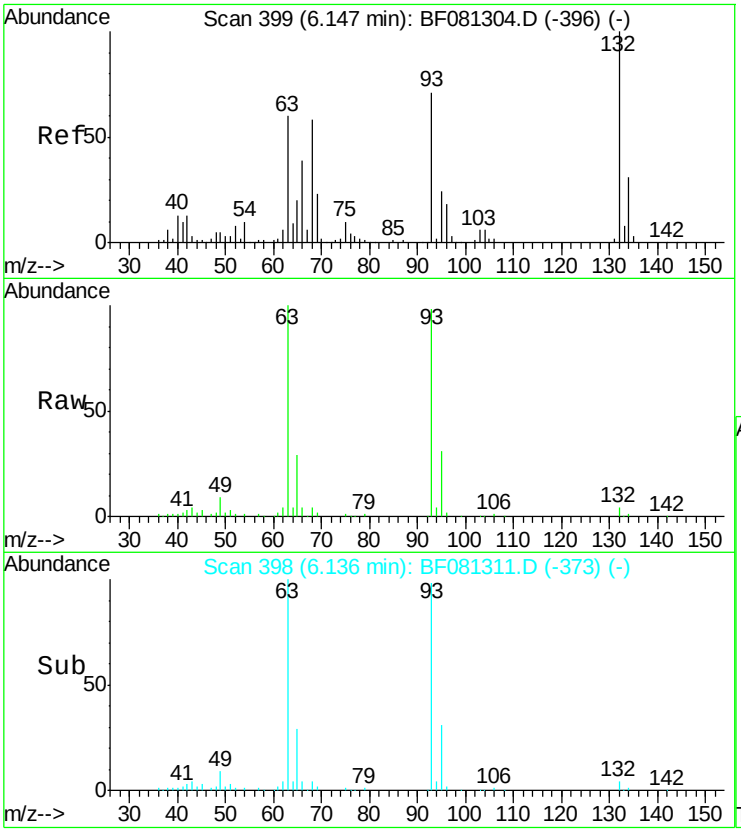


#10
Phenol
Concen: 36.99 ng
RT: 6.07 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 94 Resp: 194800

Ion	Ratio	Lower	Upper
94	100		
65	33.9	0.7	40.7
66	45.5	0.8	40.8#

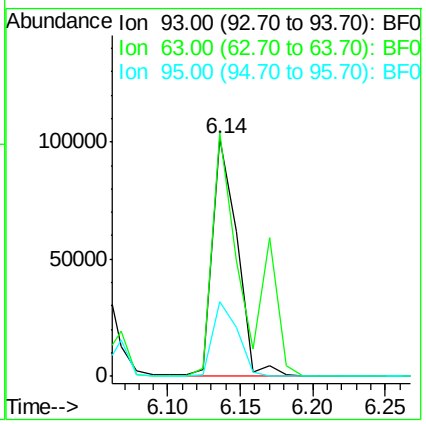




#11
bis(2-Chloroethyl)ether
Concen: 31.33 ng
RT: 6.14 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 93 Resp: 119057

Ion	Ratio	Lower	Upper
93	100		
63	102.3	65.6	105.6
95	31.3	13.6	53.6



Instrument :
BNA_F
ClientSampleId :
PB85326BS

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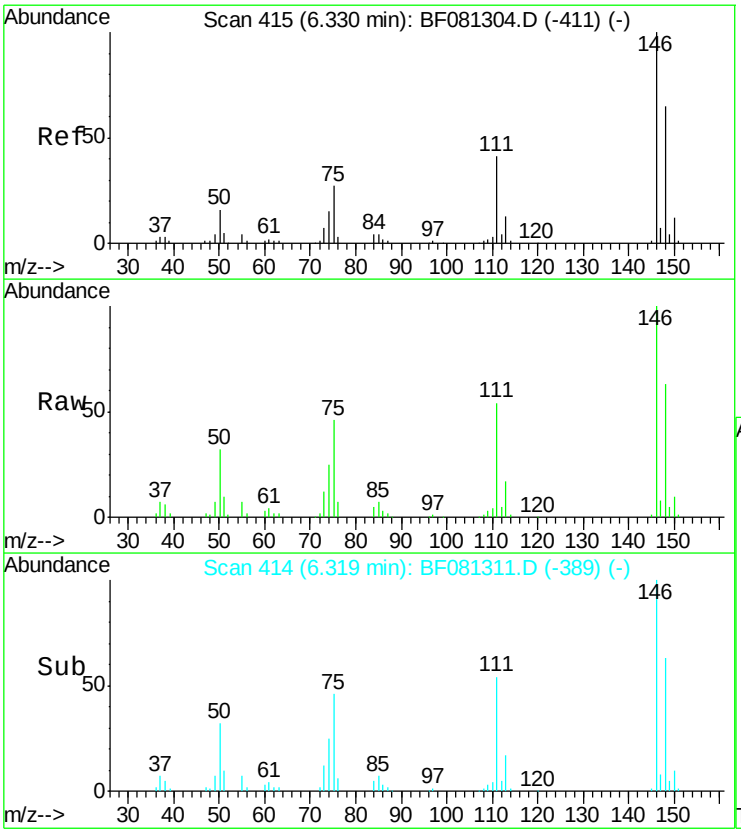
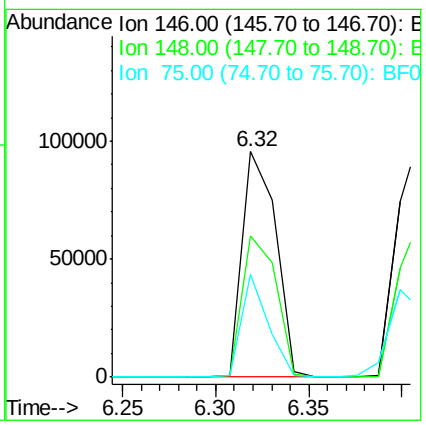
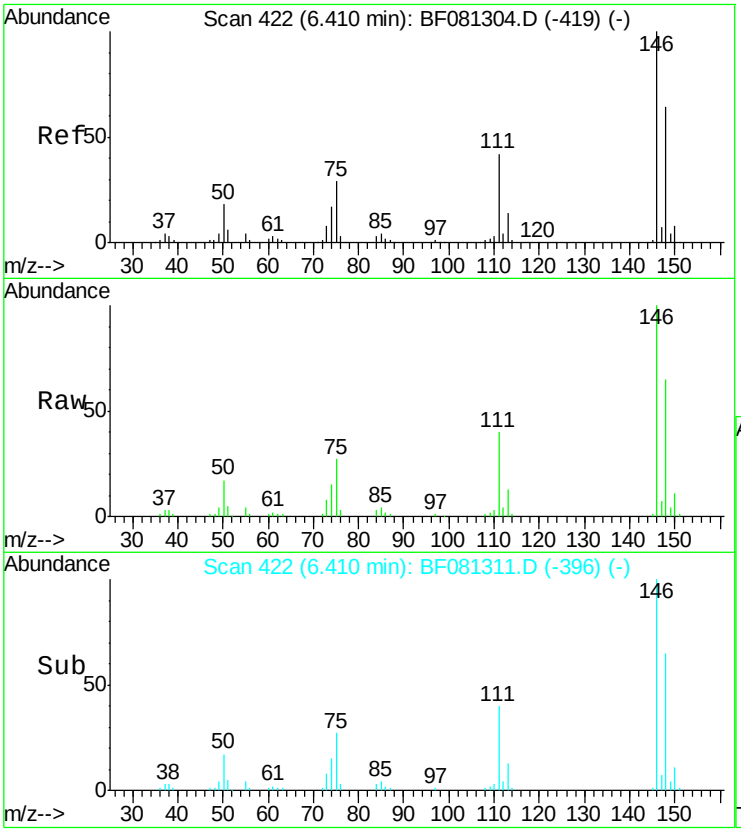


#12
1,3-Dichlorobenzene
Concen: 29.51 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:146 Resp: 119212

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.0	76.4
75	45.9	15.0	22.6#

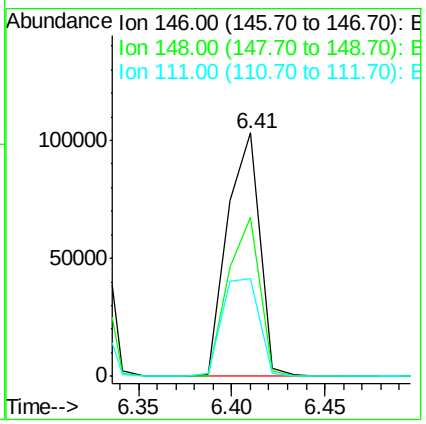




#13
1,4-Dichlorobenzene
Concen: 30.36 ng
RT: 6.41 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:146 Resp: 124859

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.6
111	40.0	24.9	37.3#



Instrument :
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ClientSampleId :
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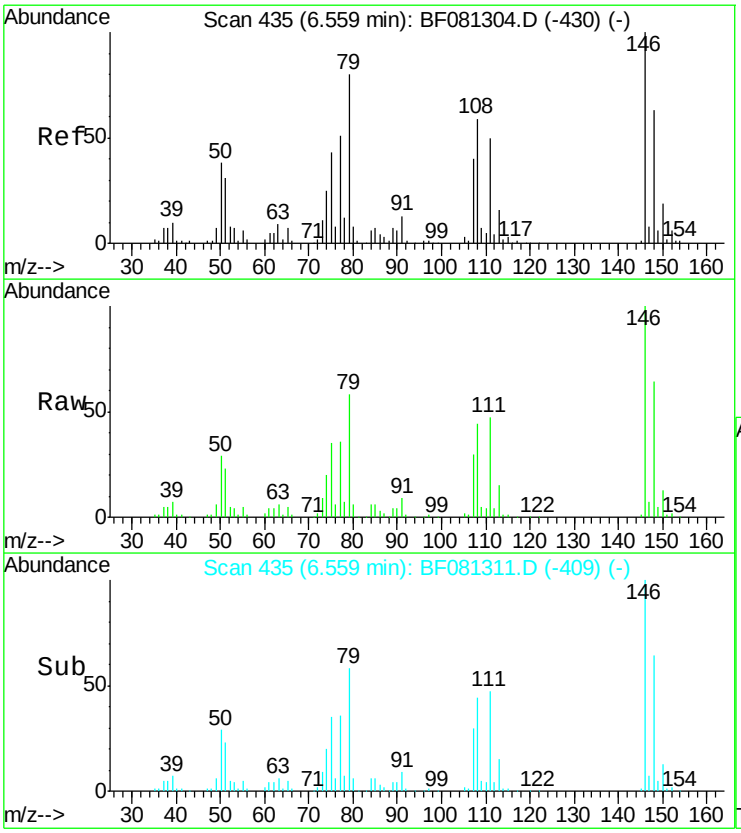
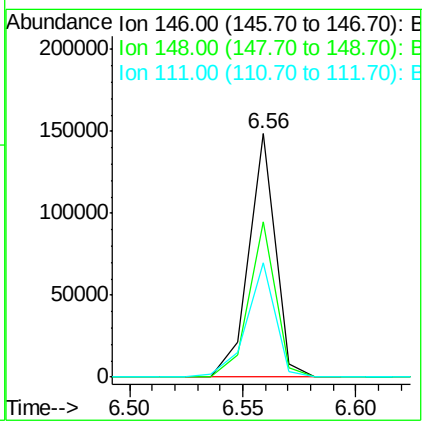
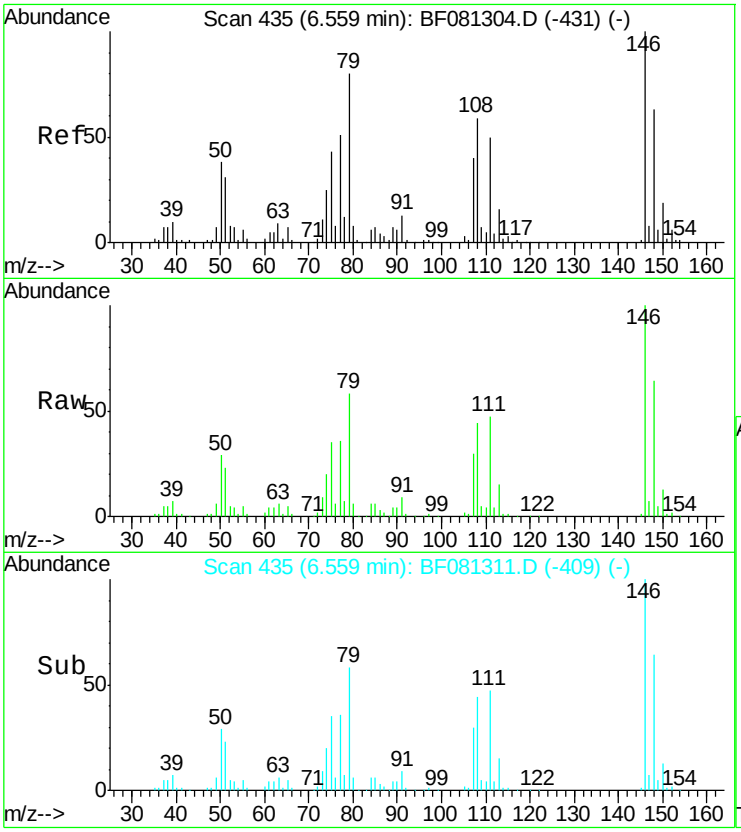


#14
1,2-Dichlorobenzene
Concen: 33.11 ng m
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:146 Resp: 122616

Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.7	79.1
111	46.9	28.8	43.2#





#15
Benzyl Alcohol
Concen: 32.88 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 79 Resp: 122502

Ion	Ratio	Lower	Upper
79	100		
108	76.1	88.6	132.8#
77	62.0	47.0	70.4

Instrument :
BNA_F
ClientSampleId :
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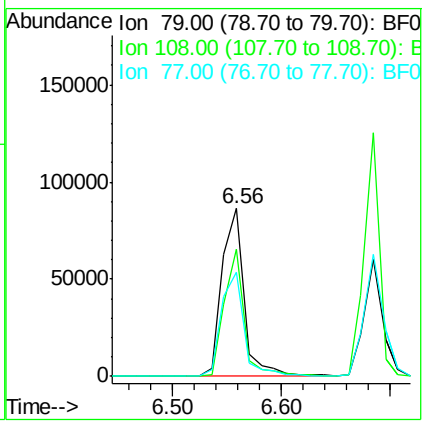
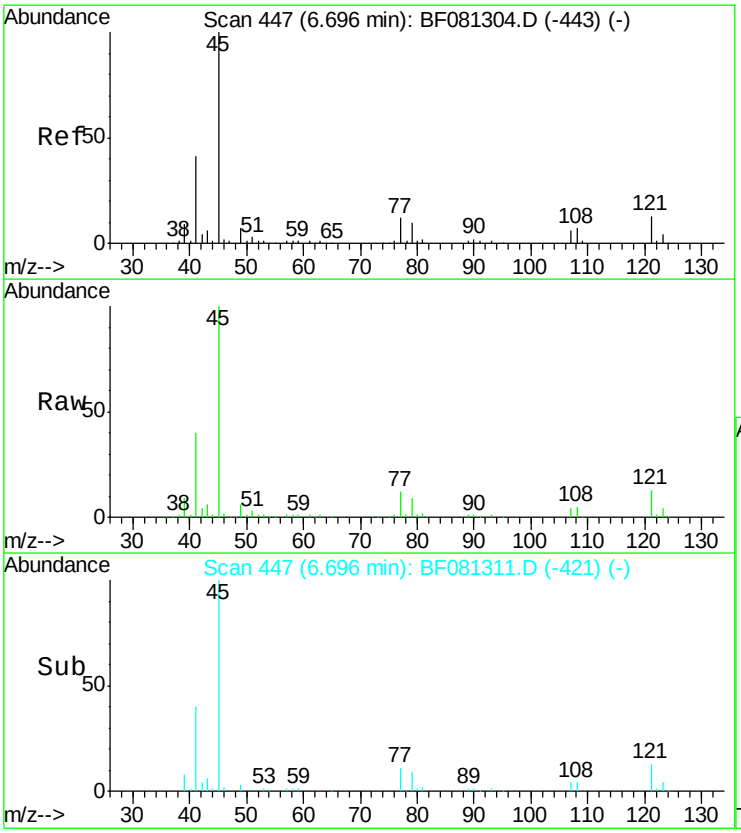
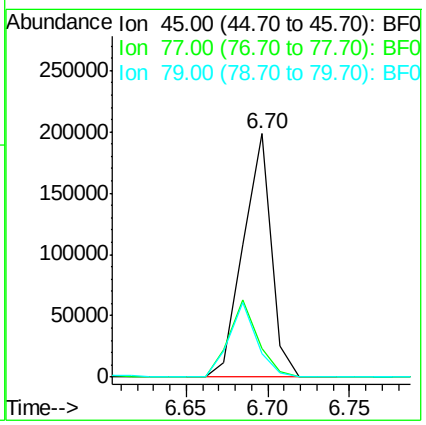


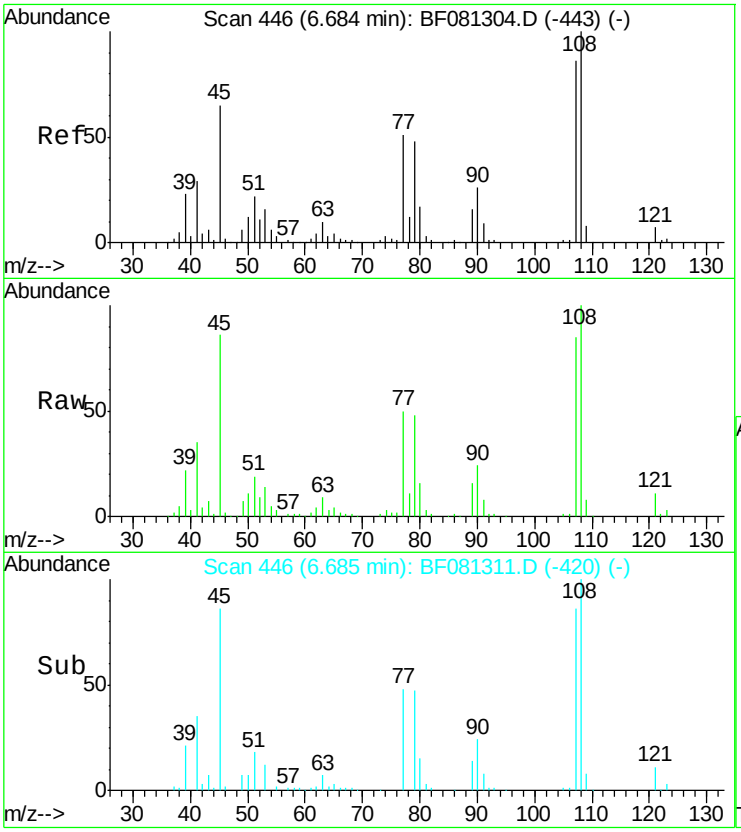


#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.46 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 45 Resp: 236401

Ion	Ratio	Lower	Upper
45	100		
77	11.6	0.0	28.1
79	9.4	0.0	26.0

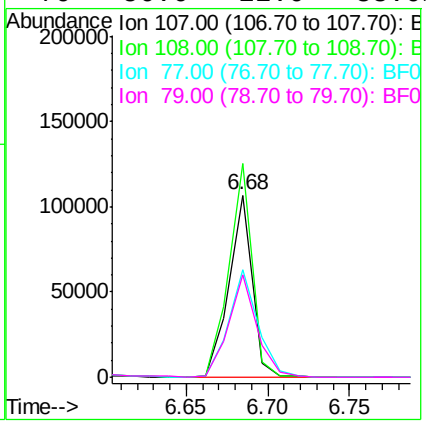




#17
2-Methylphenol
Concen: 34.46 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:107 Resp: 103958

Ion	Ratio	Lower	Upper
107	100		
108	117.3	96.6	145.0
77	59.1	23.3	34.9#
79	56.6	22.0	33.0#



Instrument :
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ClientSampleId :
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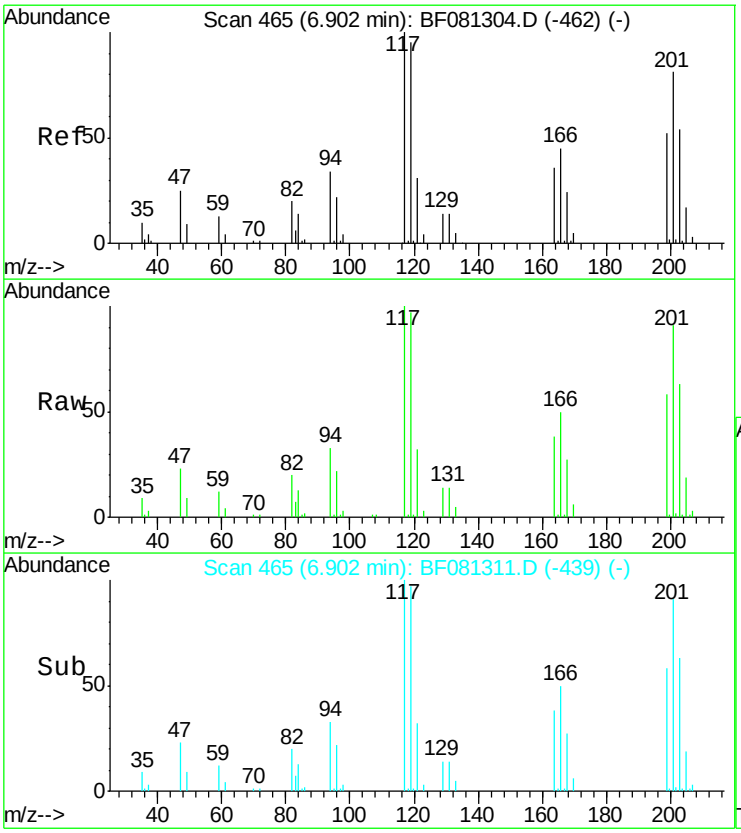
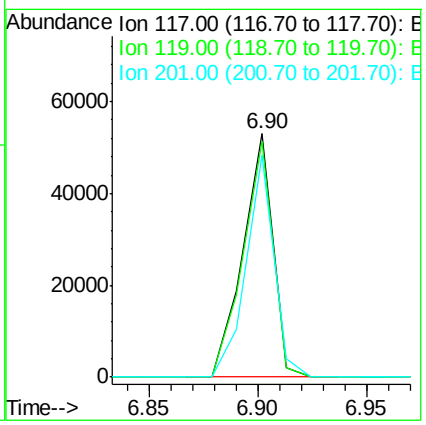
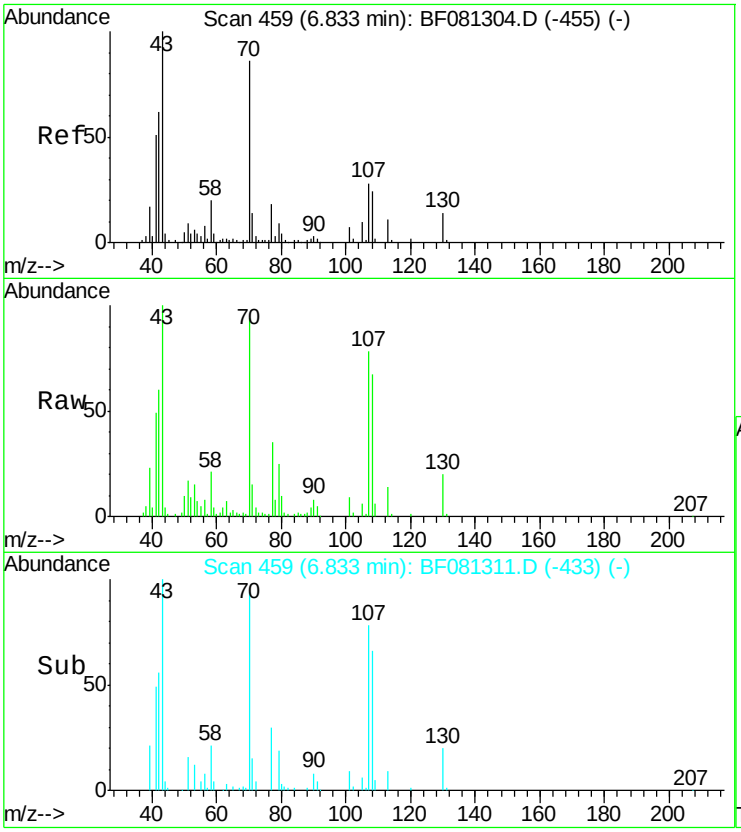


#18
Hexachloroethane
Concen: 31.67 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:117 Resp: 50677

Ion	Ratio	Lower	Upper
117	100		
119	96.8	83.8	125.6
201	91.4	55.1	82.7#

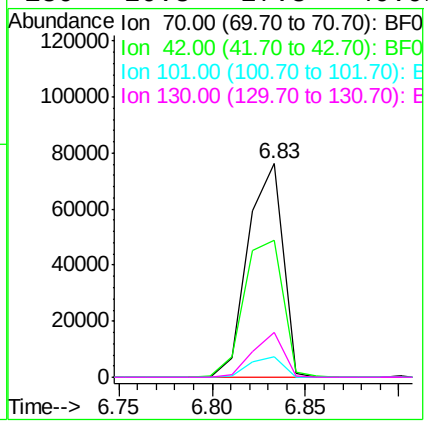




#19
n-Nitroso-di-n-propylamine
Concen: 32.06 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 70 Resp: 99103

Ion	Ratio	Lower	Upper
70	100		
42	63.9	63.8	95.6
101	9.7	9.2	13.8
130	20.8	27.3	40.9#



Instrument :
BNA_F
ClientSampleId :
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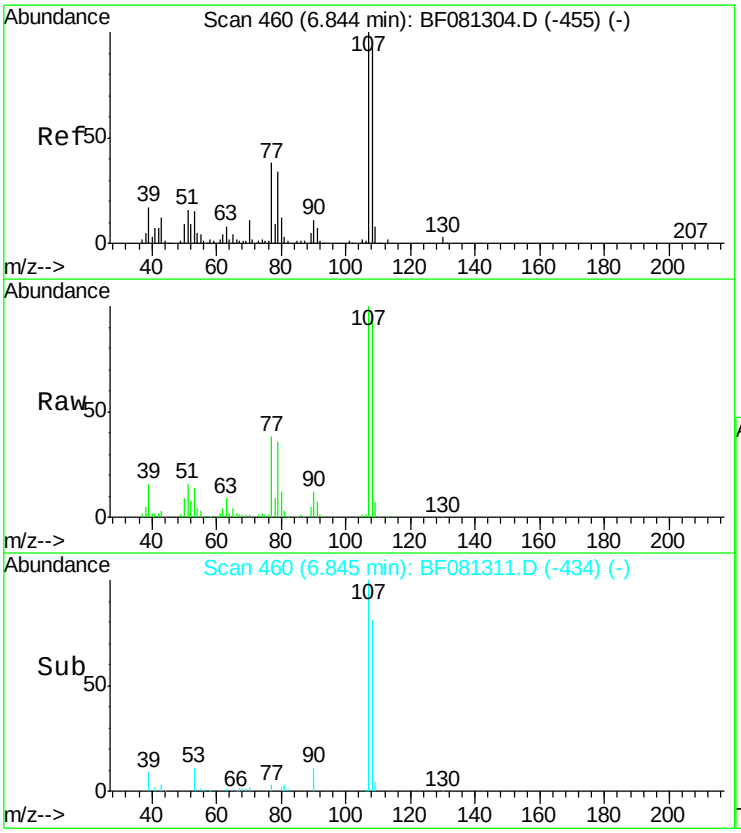
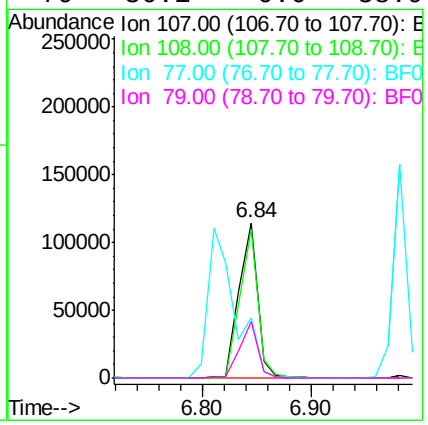
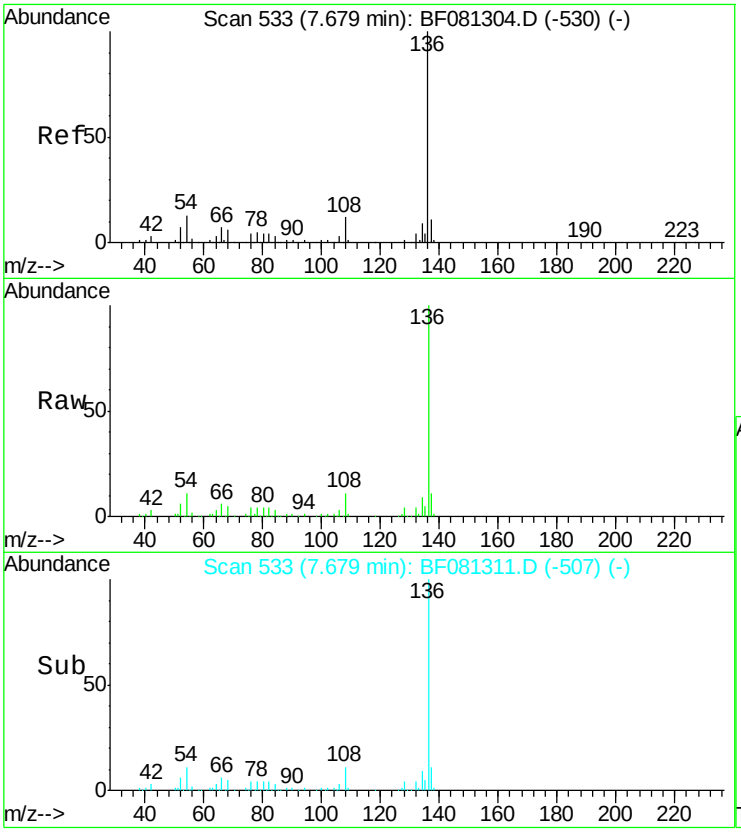


#20
3+4-Methylphenols
Concen: 33.17 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:107 Resp: 134911

Ion	Ratio	Lower	Upper
107	100		
108	95.6	74.6	114.6
77	38.5	0.7	40.7
79	36.1	0.0	38.9

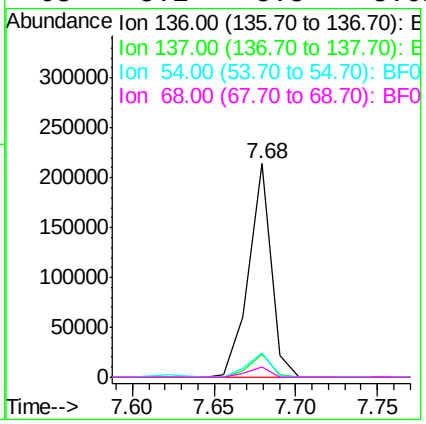




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:136 Resp: 205360

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	11.4	8.2	12.2
68	5.1	5.8	8.6#



Instrument :
BNA_F
ClientSampleId :
PB85326BS

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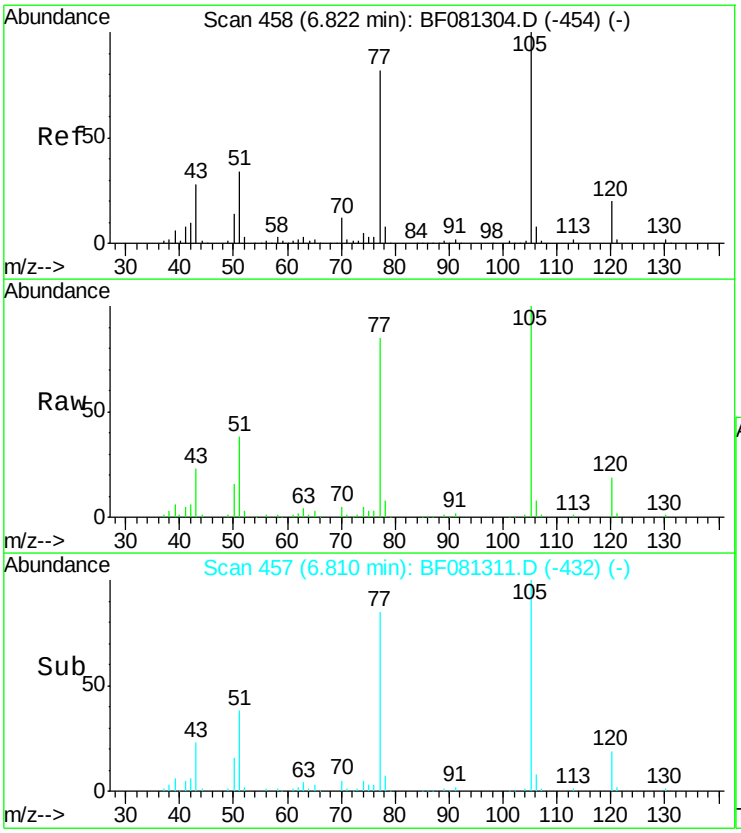
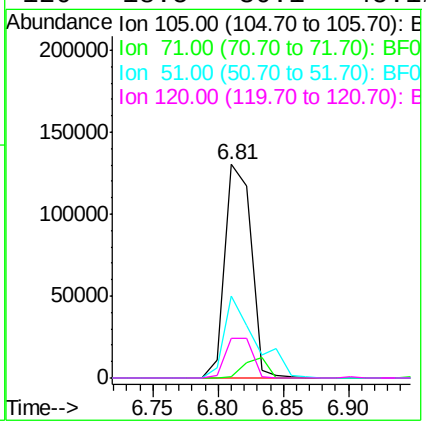
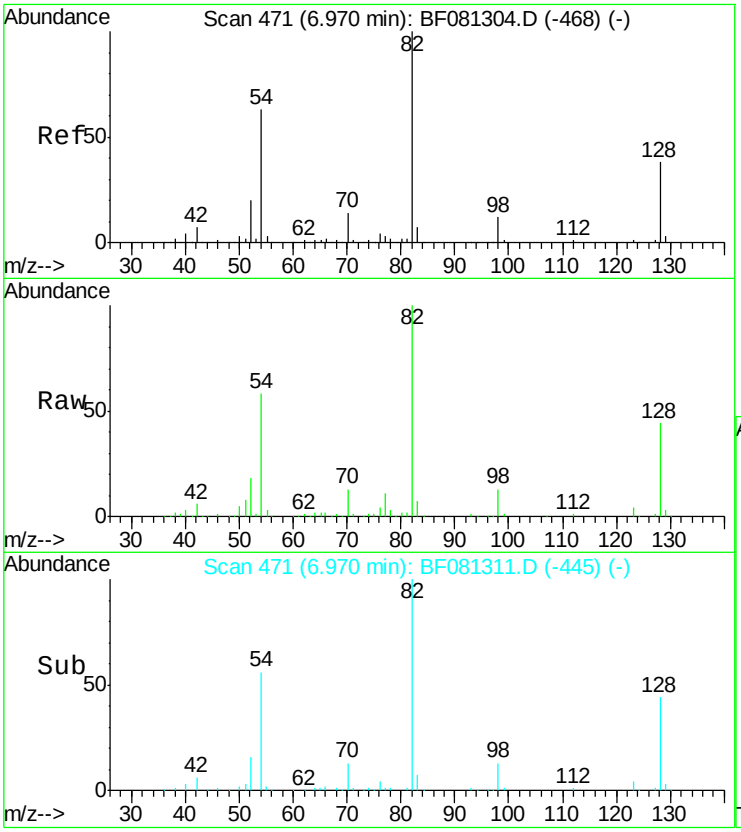


#22
Acetophenone
Concen: 32.42 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:105 Resp: 181842

Ion	Ratio	Lower	Upper
105	100		
71	0.8	4.7	7.1#
51	38.2	22.0	33.0#
120	18.5	30.1	45.1#

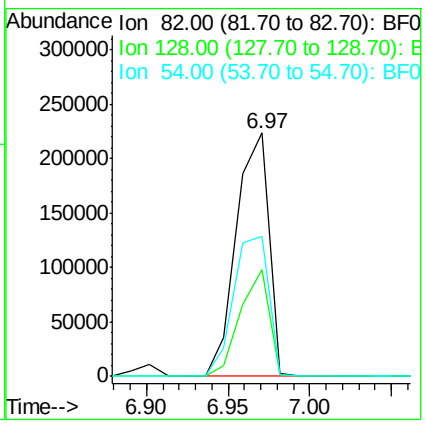




#23
Nitrobenzene-d5
Concen: 72.28 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 82 Resp: 307654

Ion	Ratio	Lower	Upper
82	100		
128	43.9	51.0	76.6#
54	57.7	47.5	71.3



Instrument :
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ClientSampleId :
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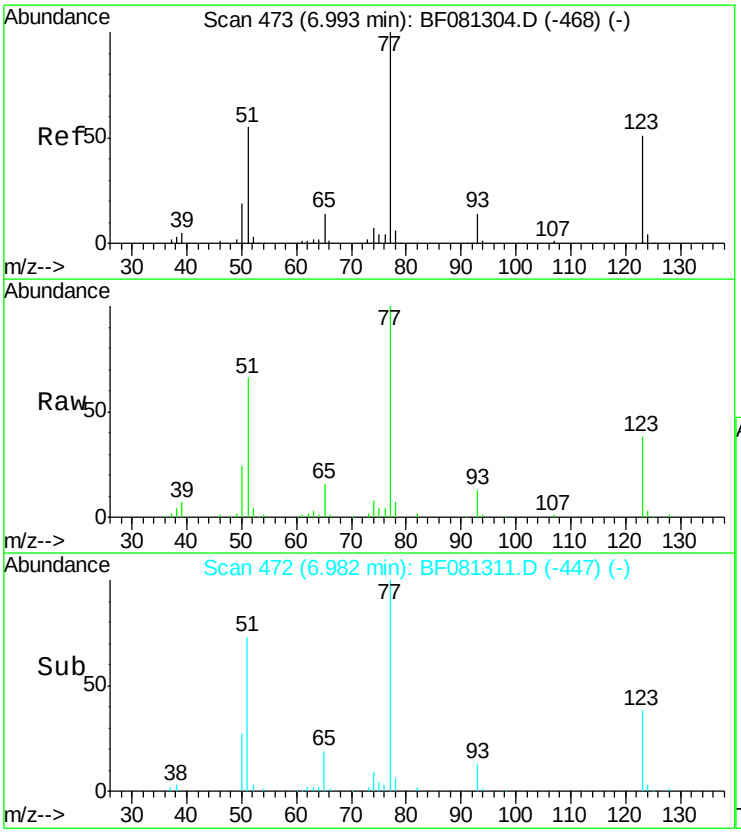
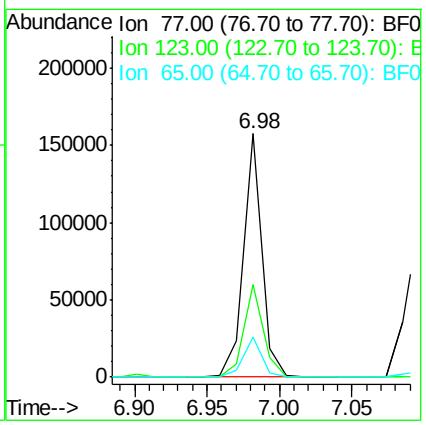
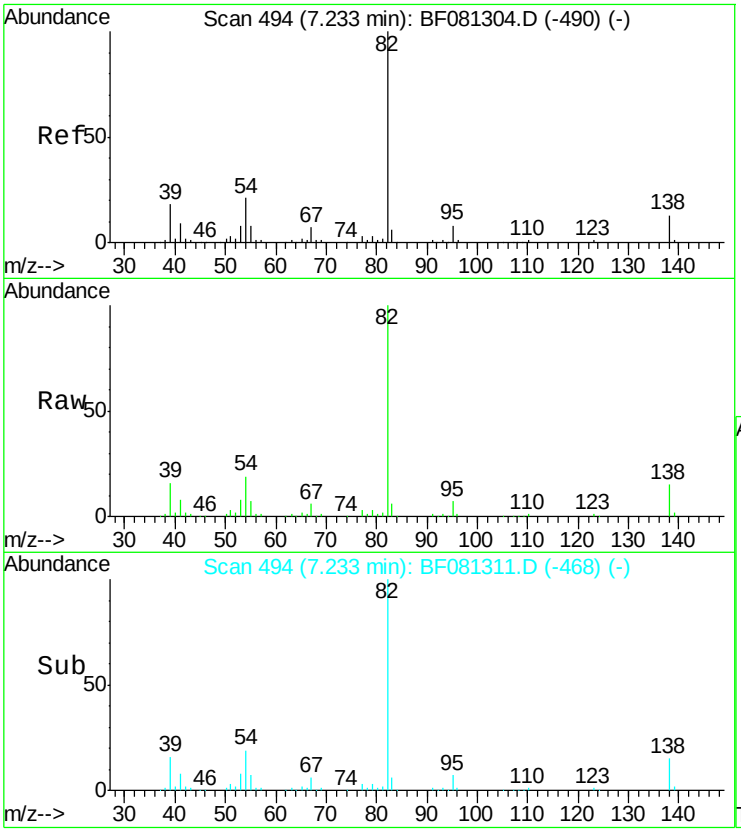


#24
Nitrobenzene
Concen: 31.43 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 77 Resp: 138929

Ion	Ratio	Lower	Upper
77	100		
123	37.8	59.8	89.8#
65	16.3	10.2	15.4#

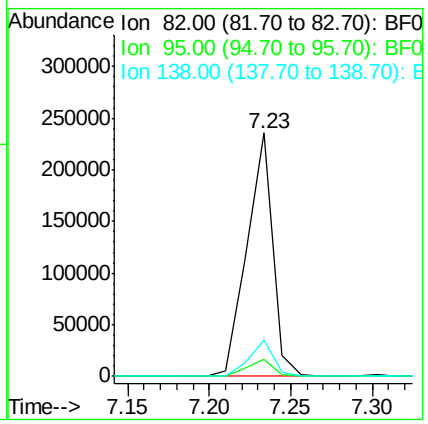




#25
Isophorone
Concen: 32.37 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 82 Resp: 256301

Ion	Ratio	Lower	Upper
82	100		
95	7.3	4.0	6.0#
138	15.1	18.3	27.5#



Instrument :
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ClientSampleId :
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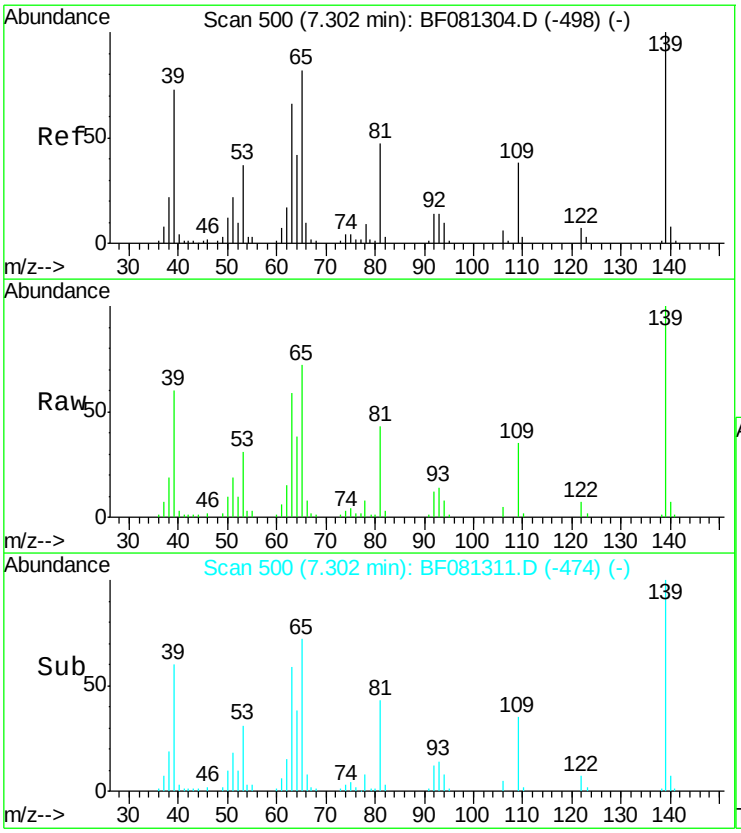
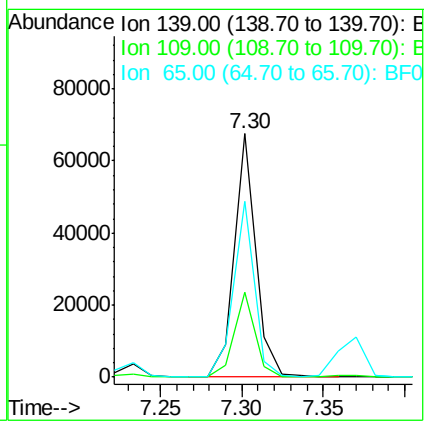
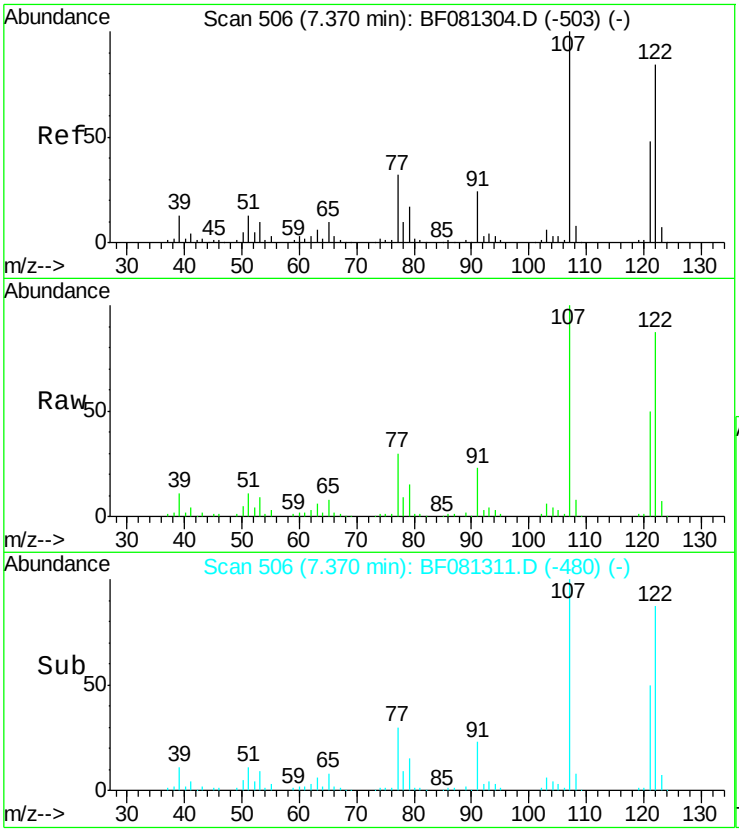


#26
2-Nitrophenol
Concen: 31.72 ng
RT: 7.30 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:139 Resp: 61103

Ion	Ratio	Lower	Upper
139	100		
109	34.7	11.0	16.4#
65	72.3	24.7	37.1#





#27
2,4-Dimethylphenol
Concen: 34.73 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:122 Resp: 115576

Ion	Ratio	Lower	Upper
122	100		
107	115.2	71.8	107.6#
121	57.4	42.3	63.5

Instrument :
BNA_F
ClientSampleId :
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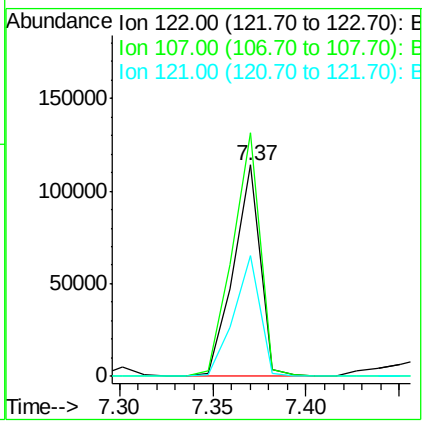
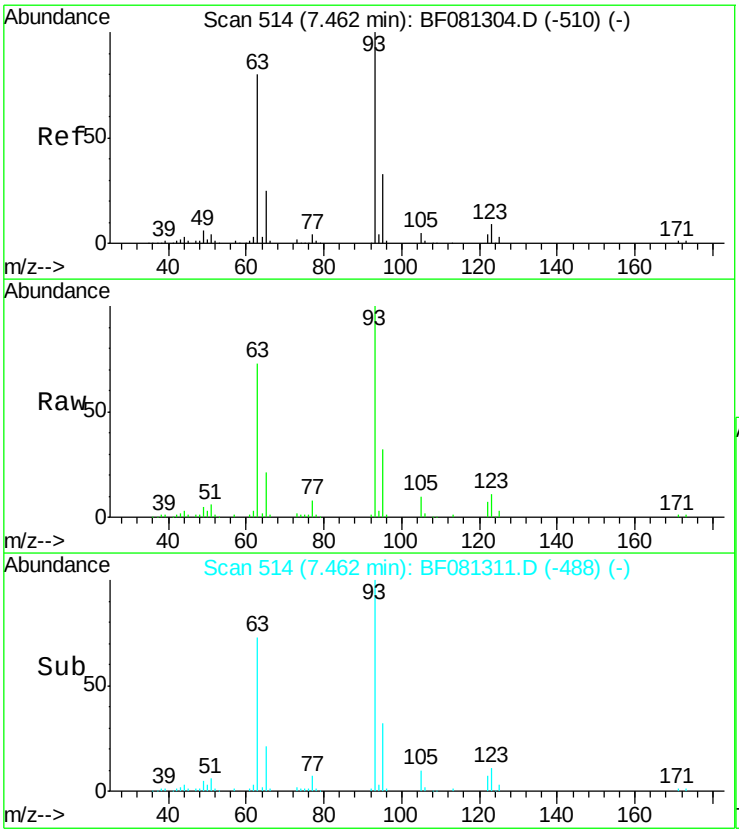
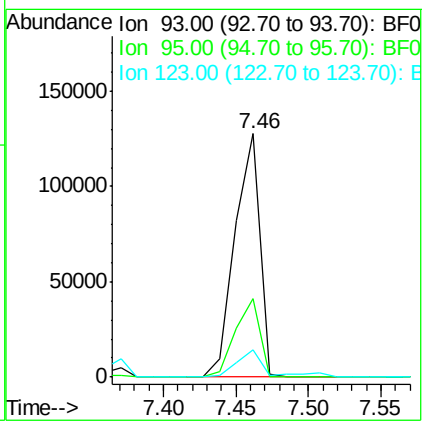


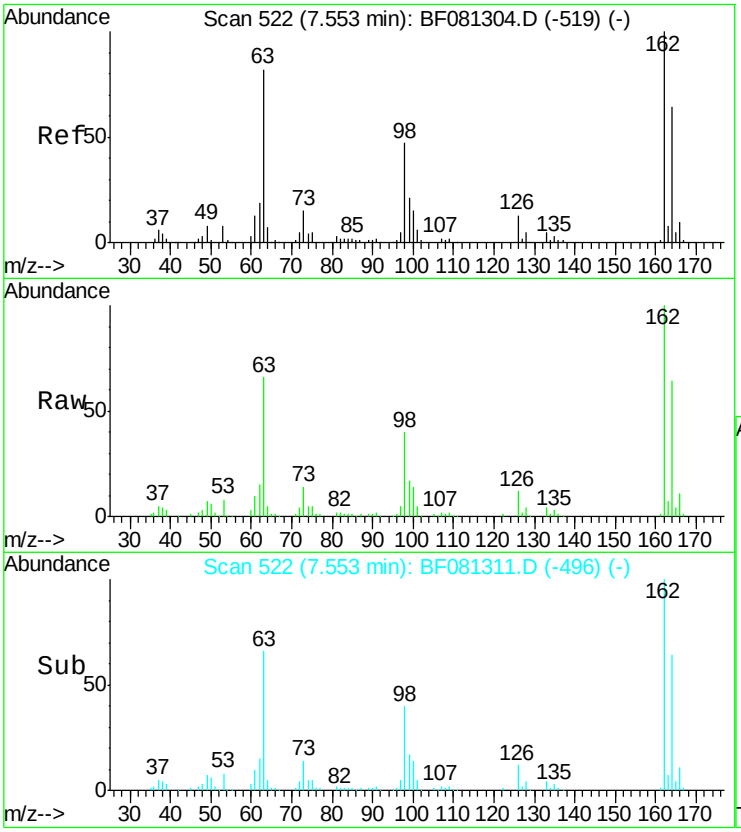


#28
bis(2-Chloroethoxy)methane
Concen: 33.33 ng
RT: 7.46 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 93 Resp: 152410

Ion	Ratio	Lower	Upper
93	100		
95	32.2	27.5	41.3
123	11.2	13.7	20.5#

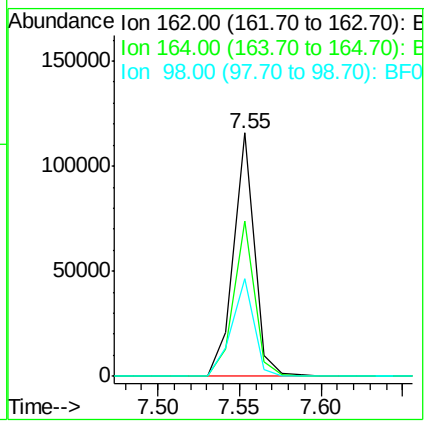




#29
2,4-Dichlorophenol
Concen: 35.28 ng
RT: 7.55 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:162 Resp: 101813

Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.9	84.9
98	40.1	13.0	53.0



Instrument :
BNA_F
ClientSampleId :
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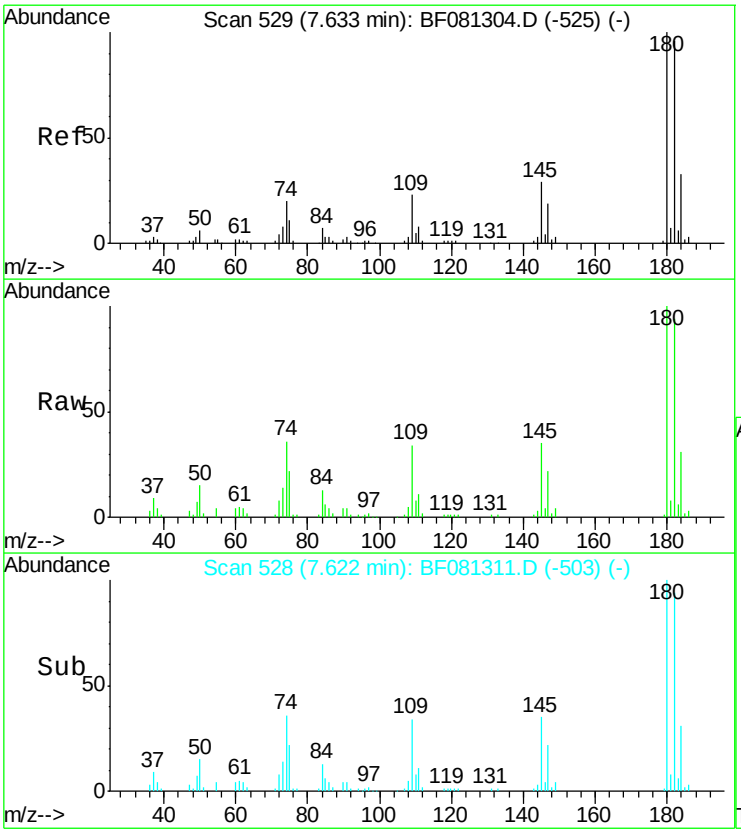
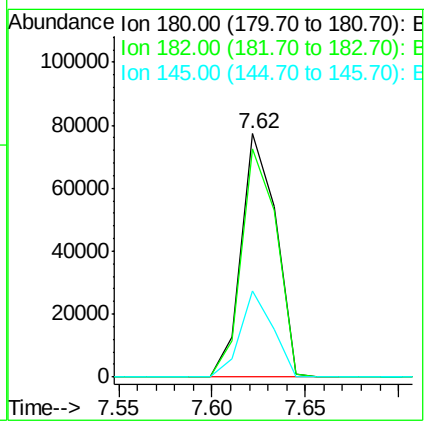
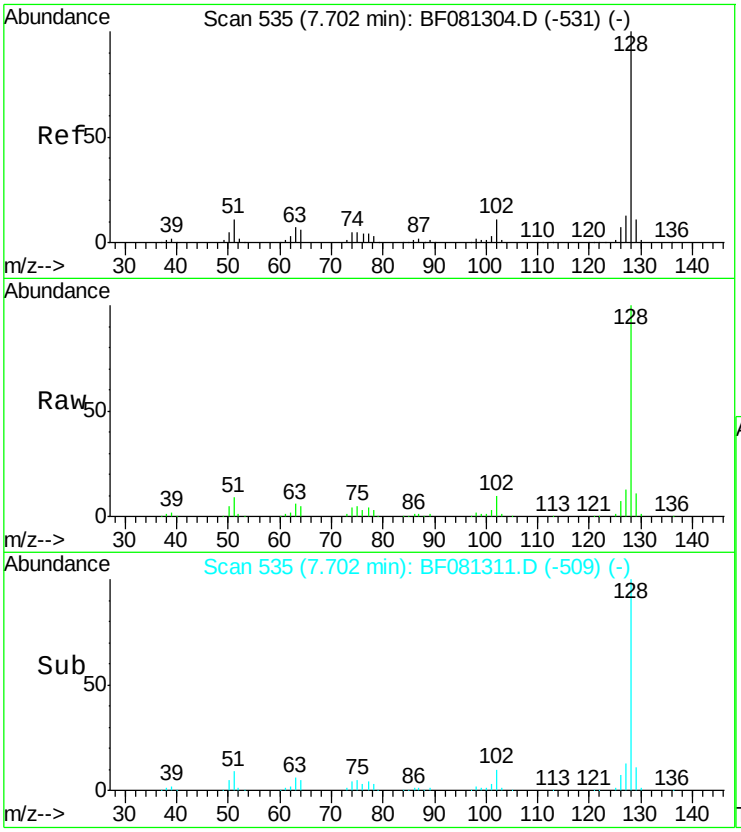


#30
1,2,4-Trichlorobenzene
Concen: 31.81 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:180 Resp: 99702

Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.1	115.7
145	35.2	23.3	34.9#

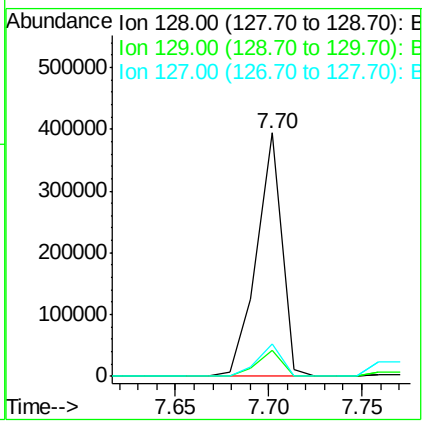




#31
Naphthalene
Concen: 33.71 ng
RT: 7.70 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:128 Resp: 369241

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.4	12.6
127	13.2	9.9	14.9



Instrument :
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ClientSampleId :
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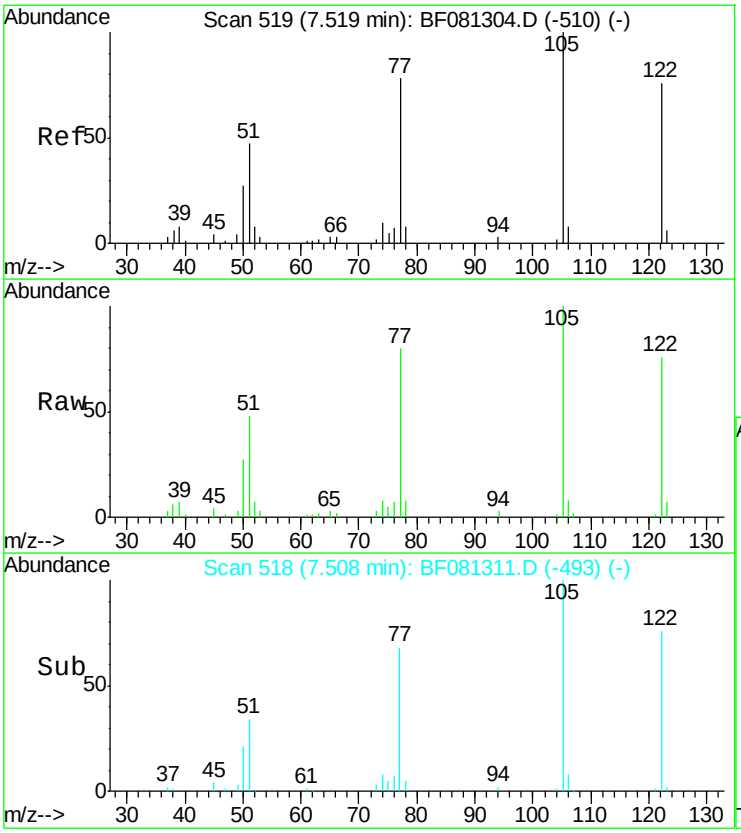
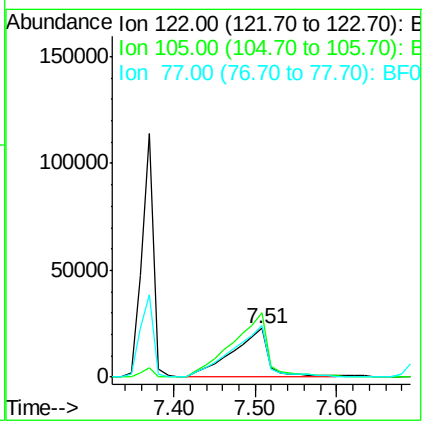
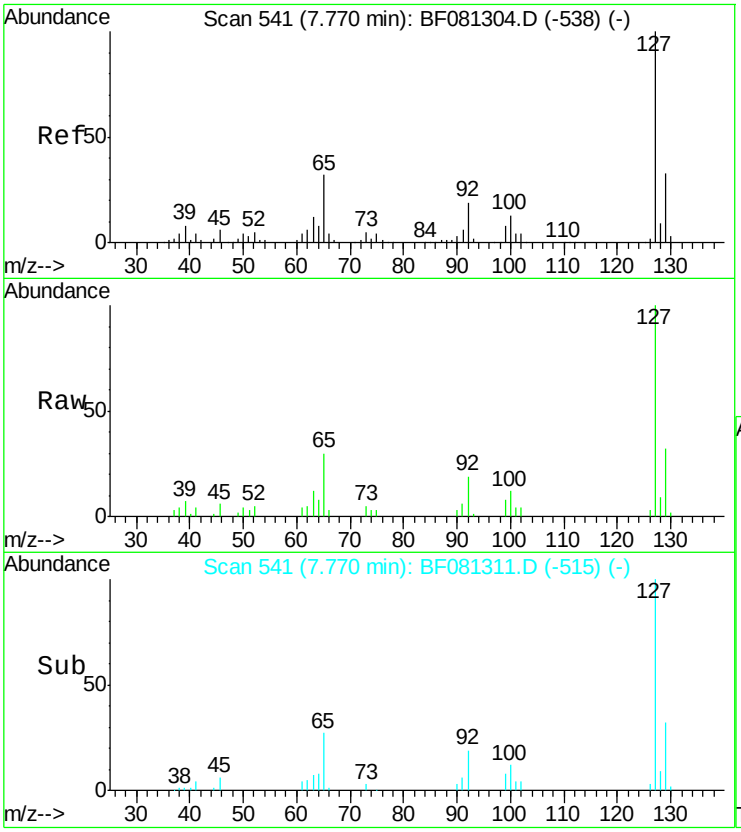


#32
Benzoic acid
Concen: 29.53 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:122 Resp: 67689

Ion	Ratio	Lower	Upper
122	100		
105	131.0	76.1	116.1#
77	104.8	40.5	80.5#

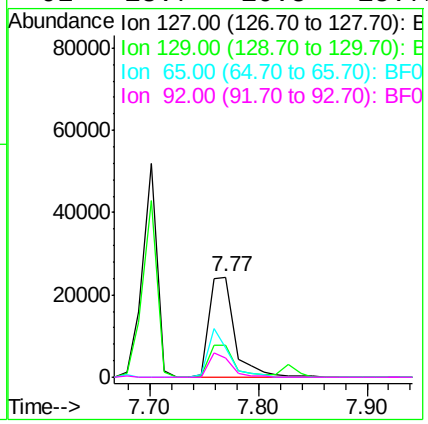




#33
4-Chloroaniline
Concen: 9.11 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:127 Resp: 40683

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	29.8	17.9	26.9#
92	18.7	10.5	15.7#



Instrument :
BNA_F
ClientSampleId :
PB85326BS

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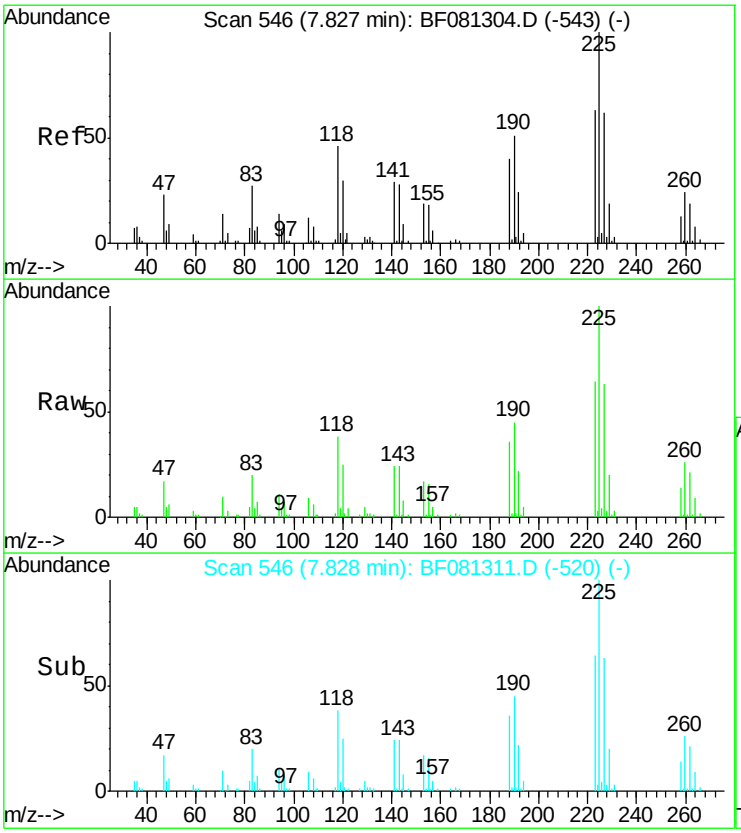
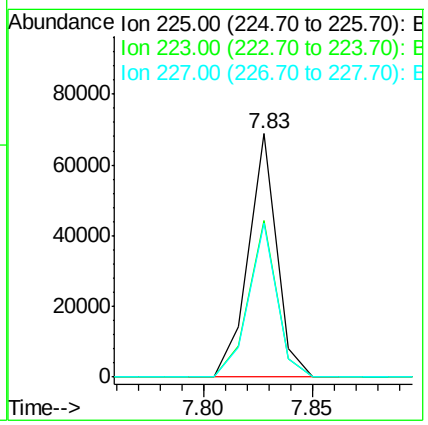
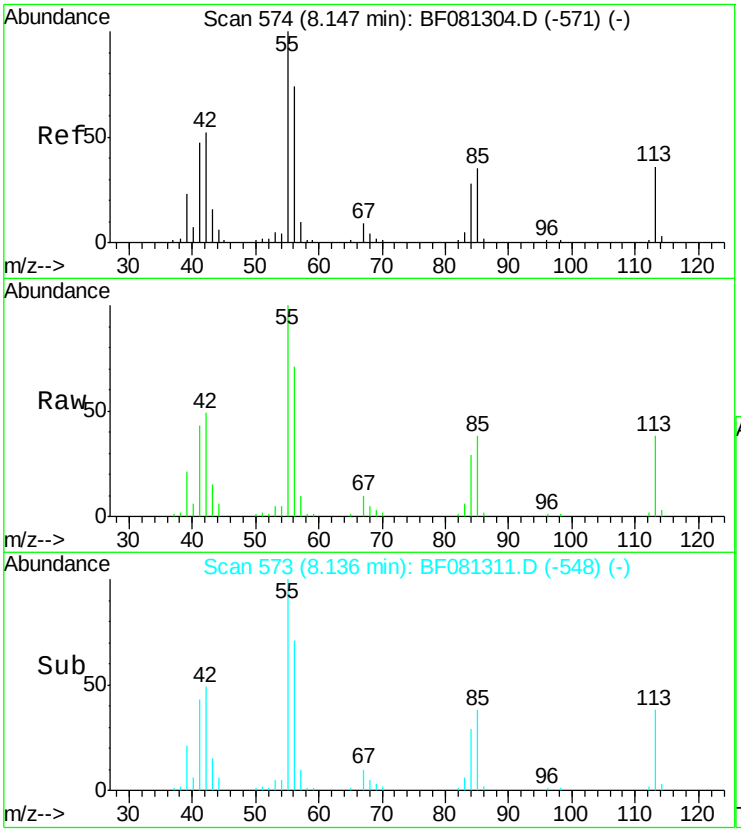


#34
Hexachlorobutadiene
Concen: 32.83 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:225 Resp: 62636

Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.2	75.2
227	63.1	52.2	78.2

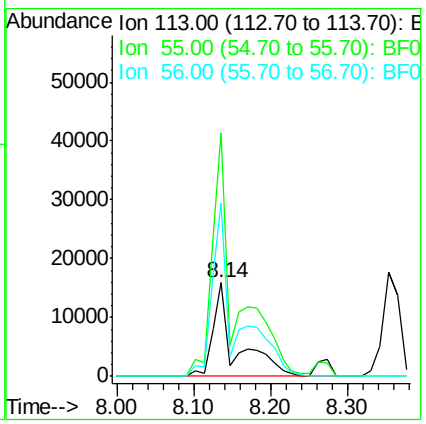




#35
Caprolactam
Concen: 41.00 ng m
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:113 Resp: 36286

Ion	Ratio	Lower	Upper
113	100		
55	261.0	152.4	192.4#
56	185.5	104.6	144.6#



Instrument :
BNA_F
ClientSampleId :
PB85326BS

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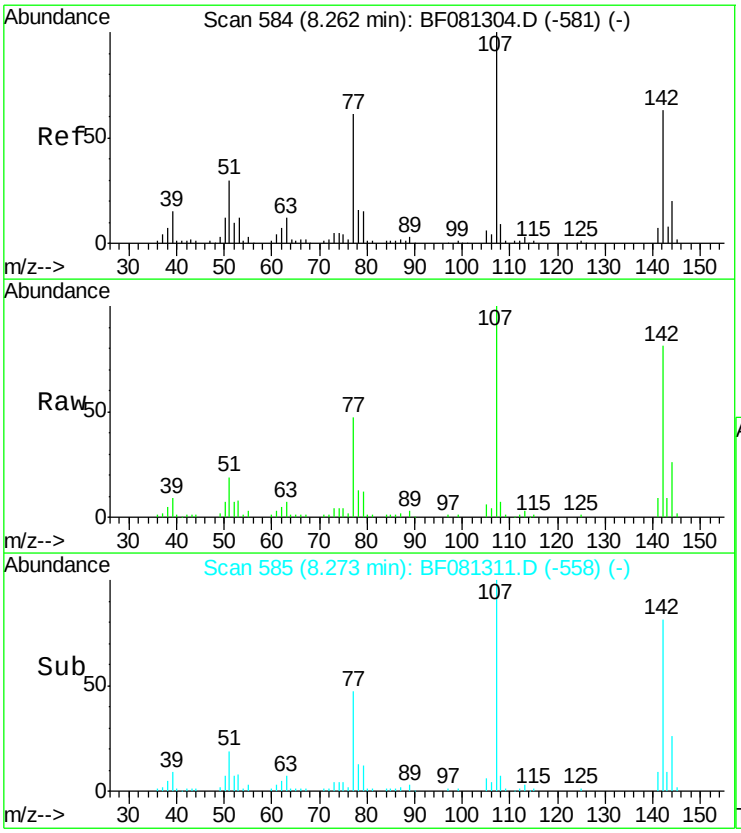
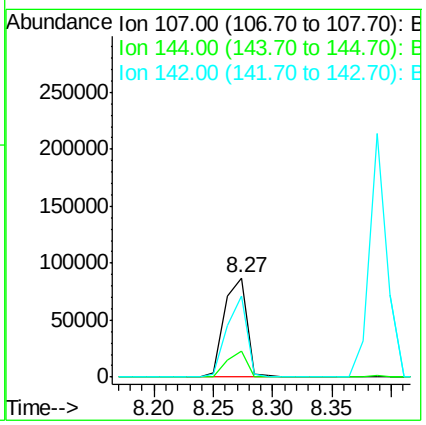
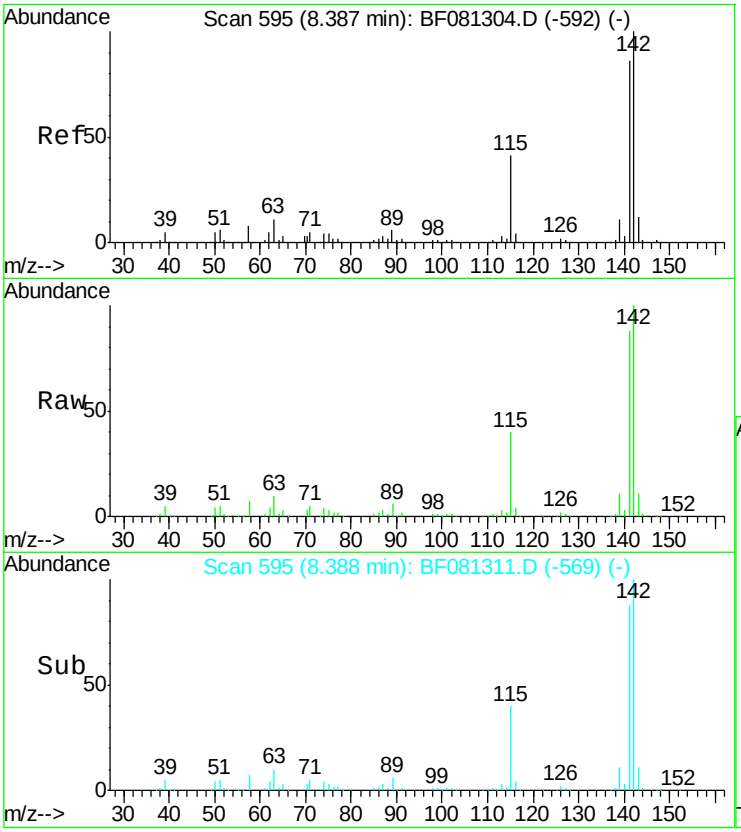


#36
4-Chloro-3-methylphenol
Concen: 35.77 ng
RT: 8.27 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:107 Resp: 115544

Ion	Ratio	Lower	Upper
107	100		
144	26.5	25.4	38.0
142	81.4	77.3	115.9

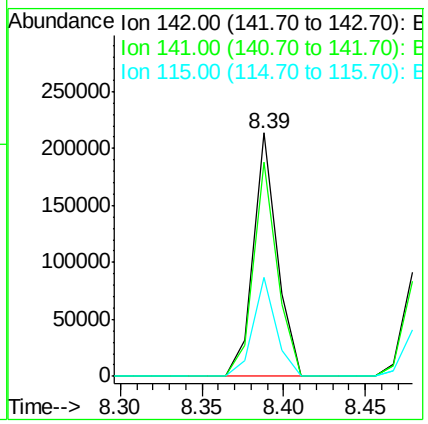




#37
2-Methylnaphthalene
Concen: 30.72 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:142 Resp: 218965

Ion	Ratio	Lower	Upper
142	100		
141	87.8	67.5	101.3
115	40.4	18.2	27.2#



Instrument :
BNA_F
ClientSampleId :
PB85326BS

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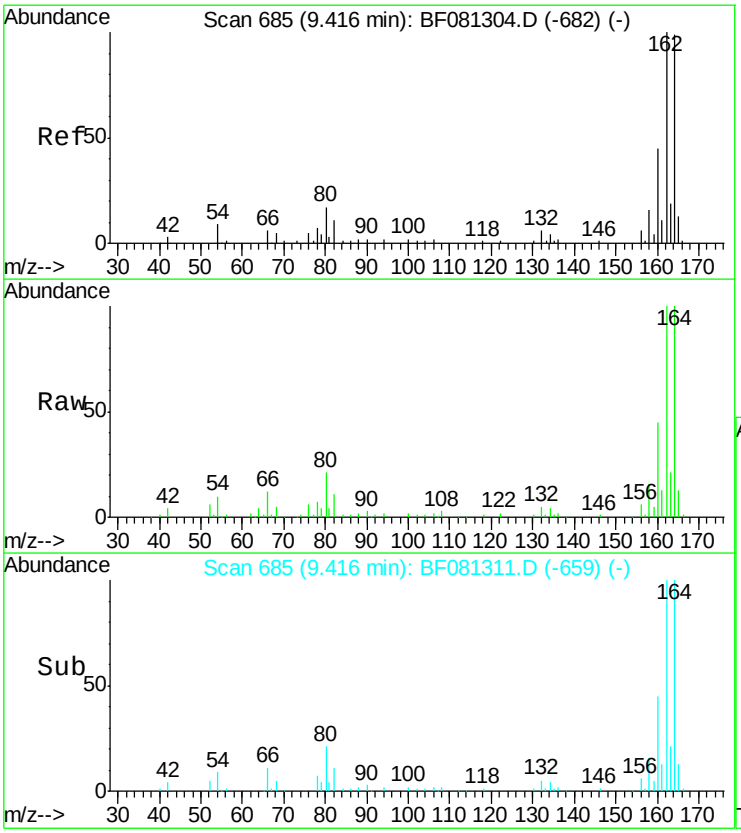
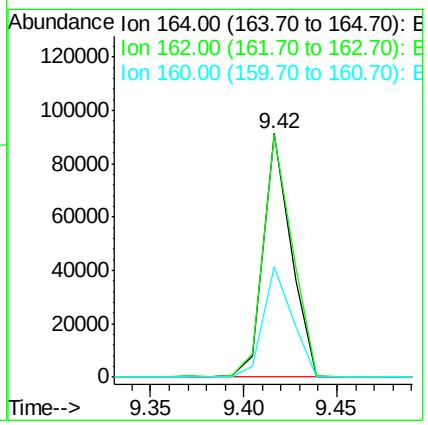
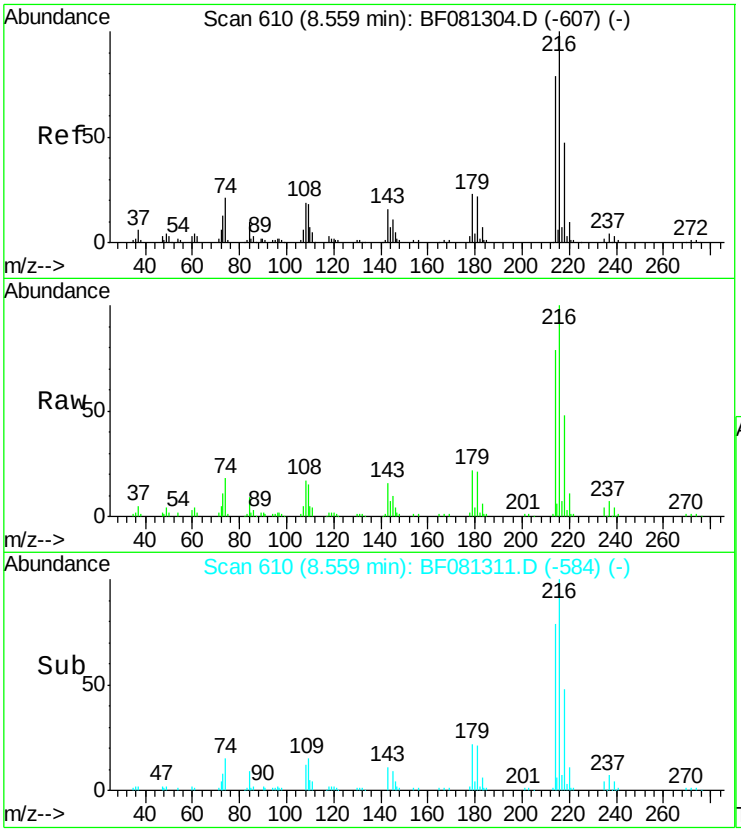


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:164 Resp: 93112

Ion	Ratio	Lower	Upper
164	100		
162	99.5	75.2	112.8
160	45.3	31.5	47.3

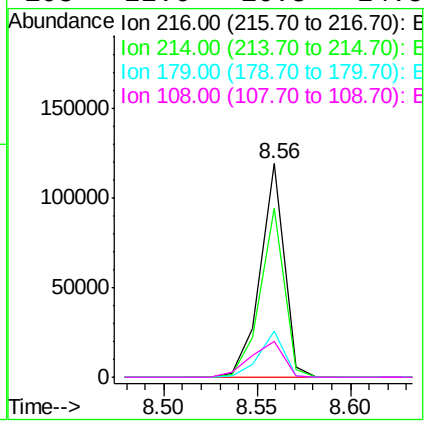




#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.83 ng
RT: 8.56 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:216 Resp: 105498

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.5	95.3
179	22.2	16.6	24.8
108	22.6	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
PB85326BS

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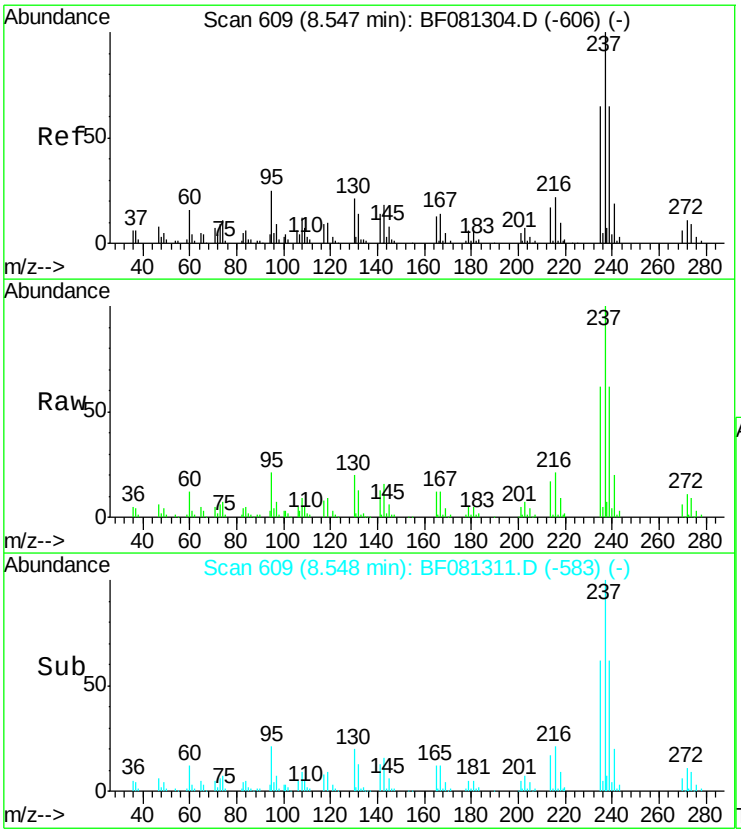
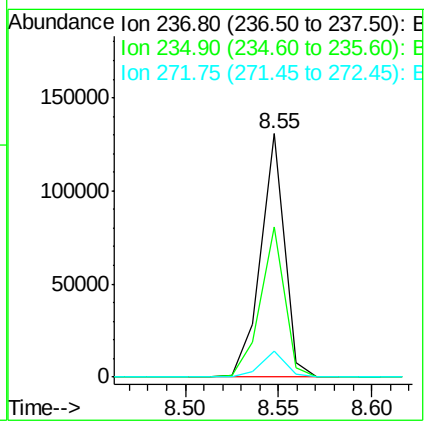
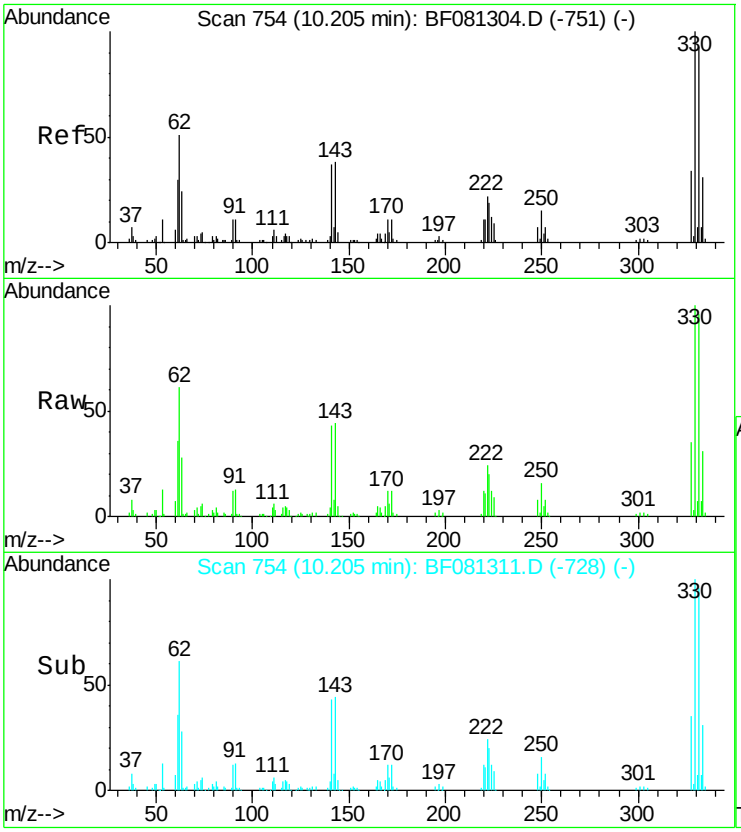


#40
Hexachlorocyclopentadiene
Concen: 79.93 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:237 Resp: 115511

Ion	Ratio	Lower	Upper
237	100		
235	61.8	42.0	82.0
272	10.8	0.0	36.1

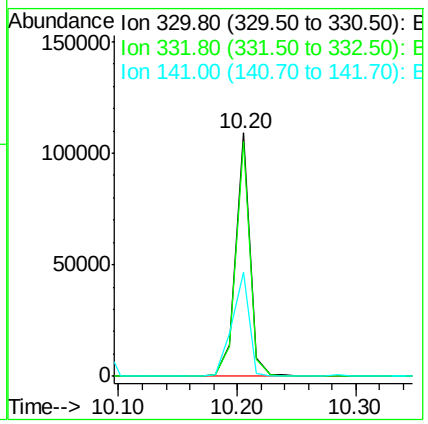




#41
2,4,6-Tribromophenol
Concen: 111.06 ng
RT: 10.20 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:330 Resp: 92075

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	51.1	29.7	44.5#



Instrument :
BNA_F
ClientSampleId :
PB85326BS

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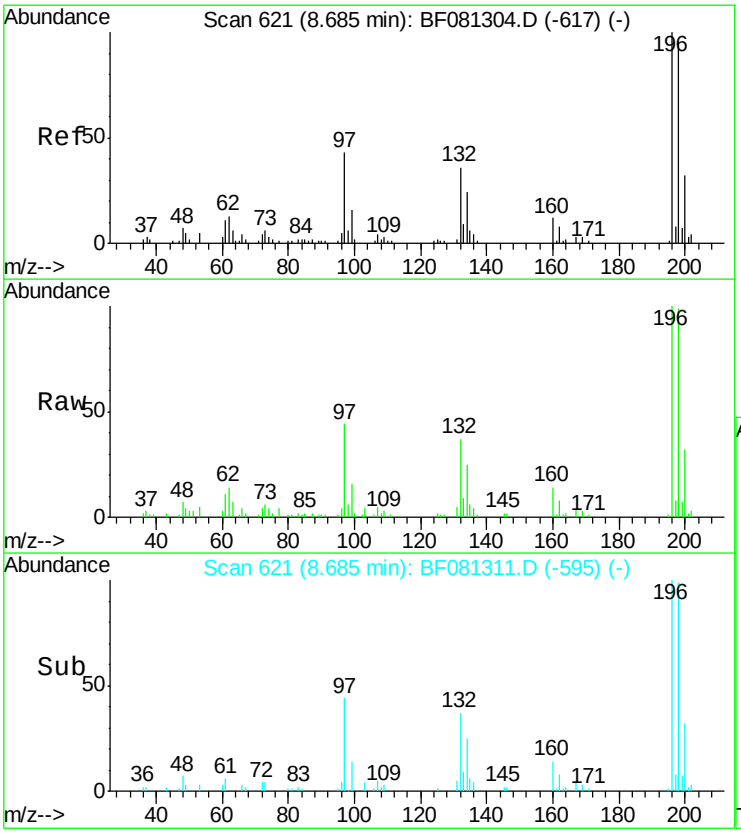
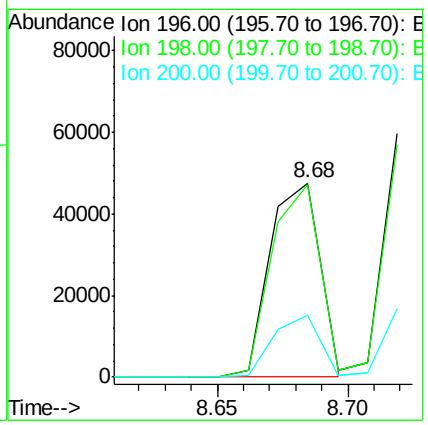
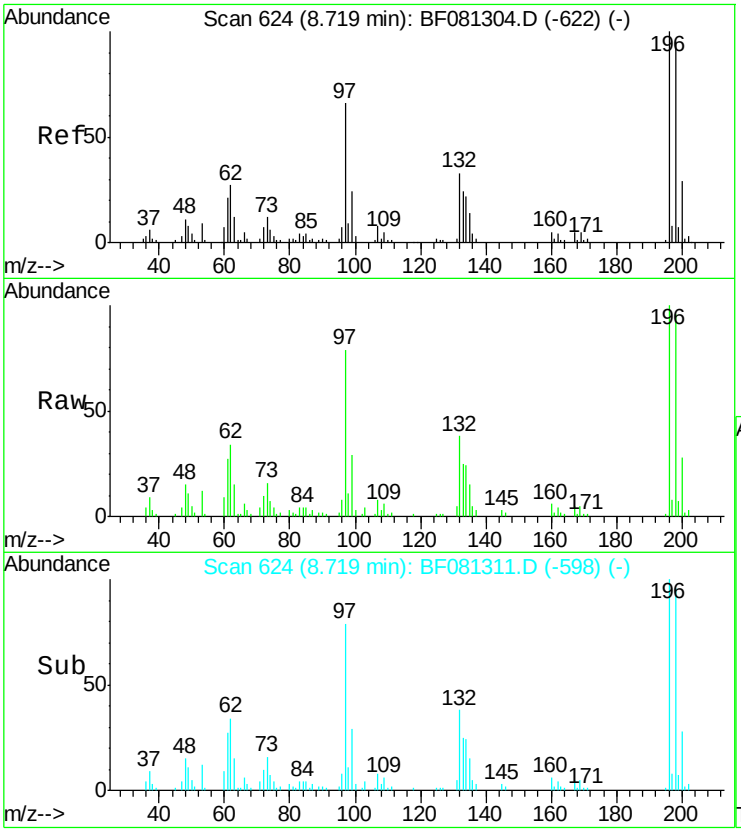


#42
2,4,6-Trichlorophenol
Concen: 31.25 ng
RT: 8.68 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:196 Resp: 63506

Ion	Ratio	Lower	Upper
196	100		
198	99.5	75.7	113.5
200	32.0	23.9	35.9

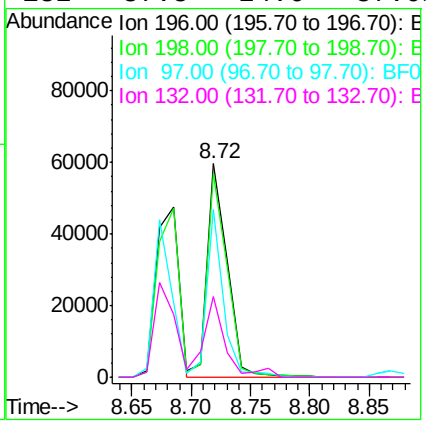




#43
2,4,5-Trichlorophenol
Concen: 33.52 ng
RT: 8.72 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:196 Resp: 69488

Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.4	113.0
97	78.6	33.3	49.9#
132	37.8	24.6	37.0#



Instrument :
BNA_F
ClientSampleId :
PB85326BS

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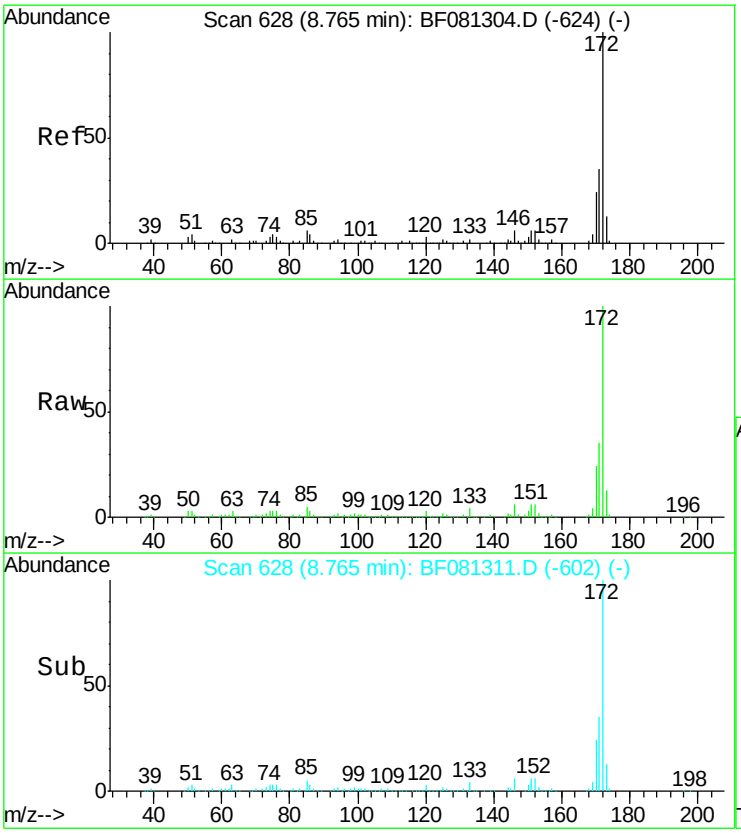
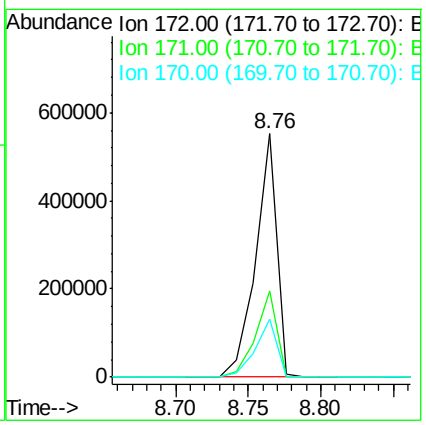
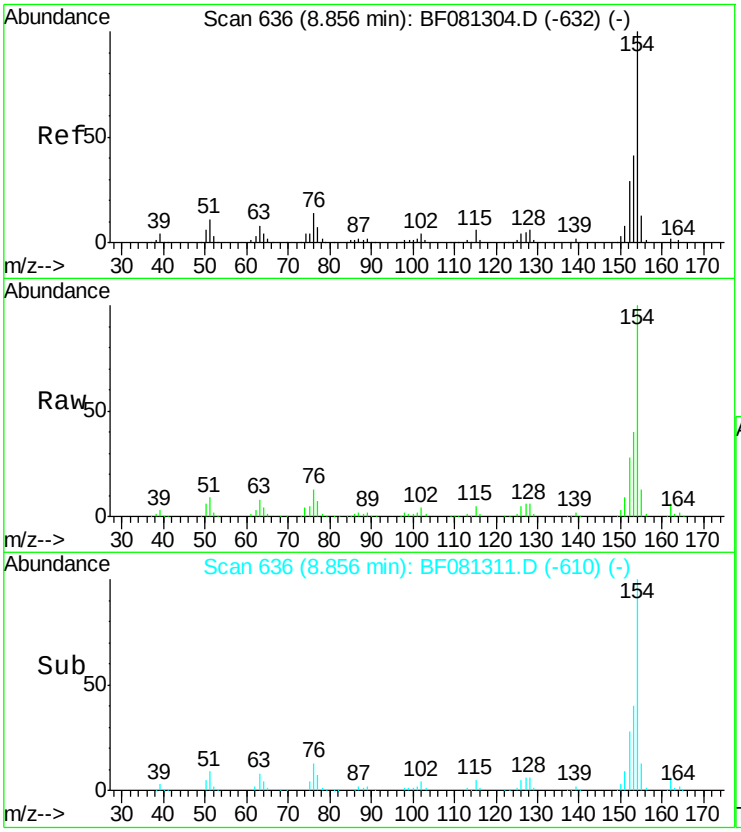


#44
2-Fluorobiphenyl
Concen: 76.64 ng
RT: 8.76 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:172 Resp: 556865

Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.1	39.1
170	23.7	17.4	26.2

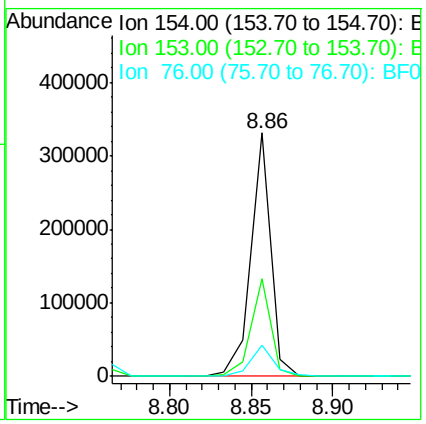




#45
1,1'-Biphenyl
Concen: 32.83 ng
RT: 8.86 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:154 Resp: 281194

Ion	Ratio	Lower	Upper
154	100		
153	40.2	17.1	57.1
76	12.6	0.0	31.6



Instrument :
BNA_F
ClientSampleId :
PB85326BS

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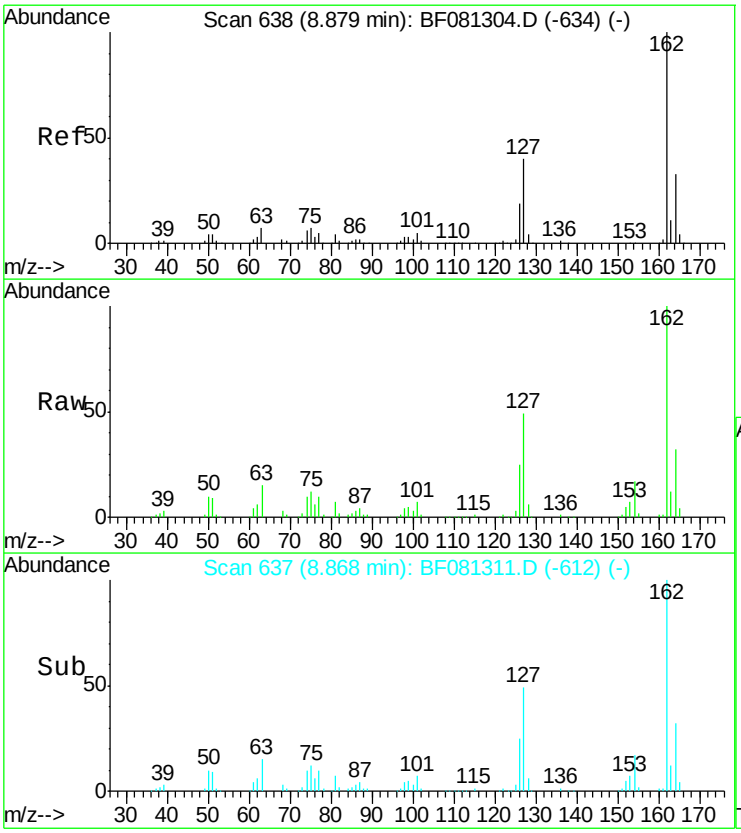
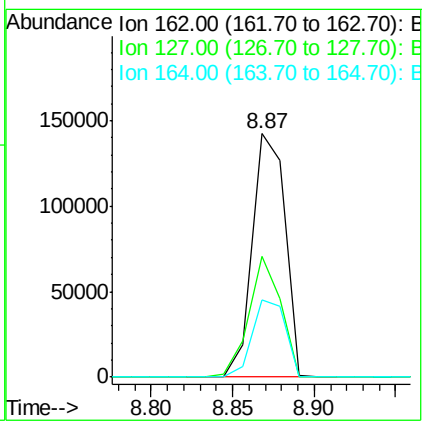
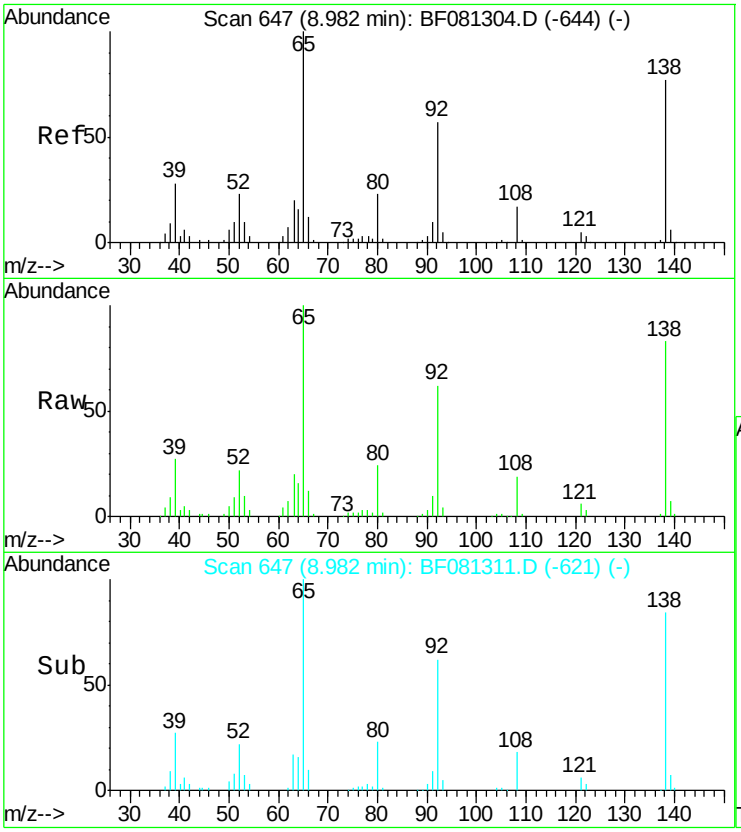


#46
2-Chloronaphthalene
Concen: 32.06 ng
RT: 8.87 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:162 Resp: 198330

Ion	Ratio	Lower	Upper
162	100		
127	49.4	27.6	41.4#
164	31.9	25.4	38.2

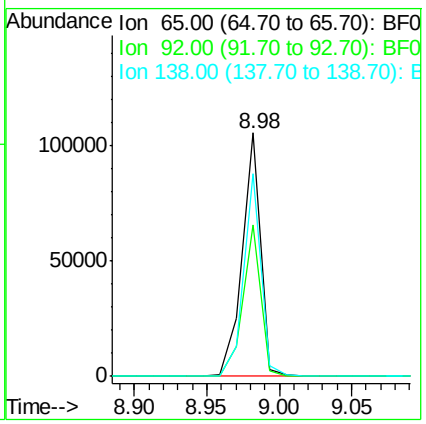




#47
2-Nitroaniline
Concen: 36.82 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 65 Resp: 92835

Ion	Ratio	Lower	Upper
65	100		
92	62.0	55.4	83.0
138	83.2	115.5	173.3#



Instrument :
BNA_F
ClientSampleId :
PB85326BS

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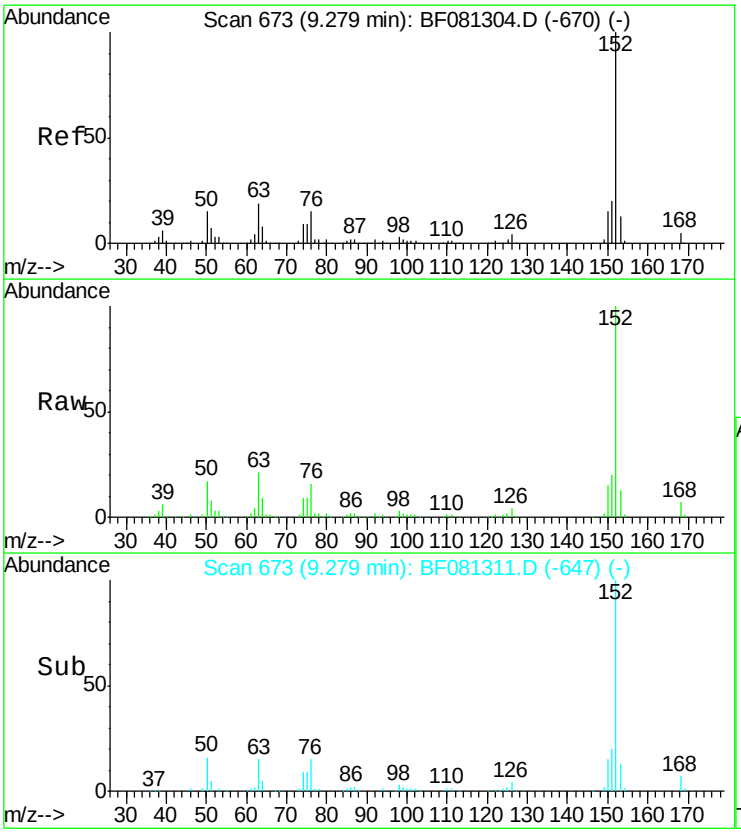
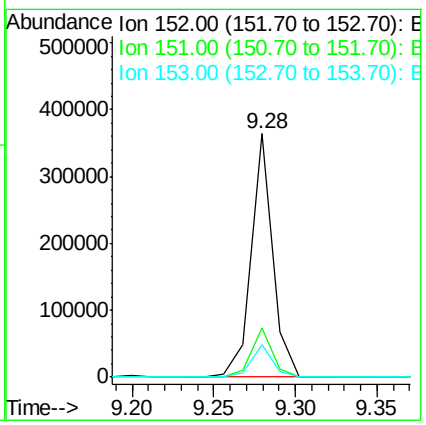
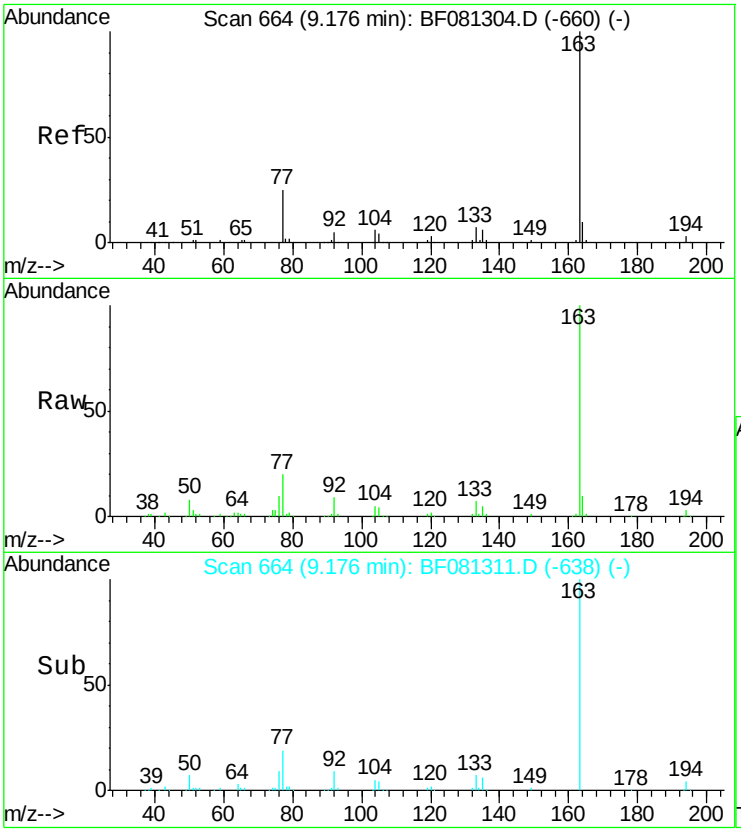


#48
Acenaphthylene
Concen: 30.34 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:152 Resp: 333002

Ion	Ratio	Lower	Upper
152	100		
151	20.2	14.6	22.0
153	13.3	10.3	15.5

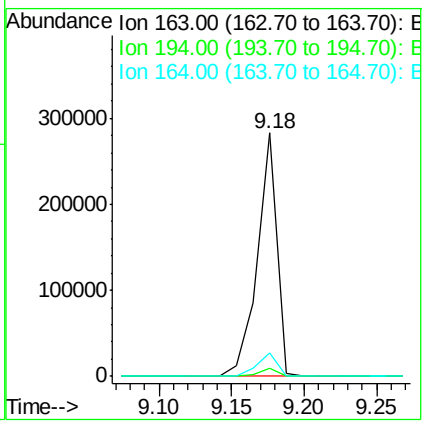




#49
Dimethylphthalate
Concen: 36.68 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:163 Resp: 265343

Ion	Ratio	Lower	Upper
163	100		
194	3.4	4.4	6.6#
164	9.9	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
PB85326BS

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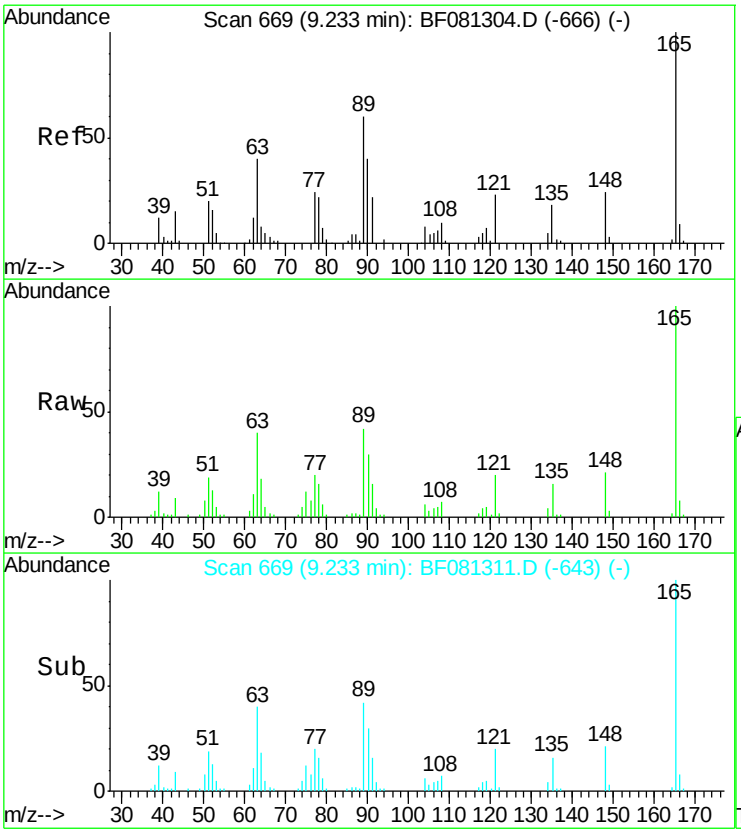
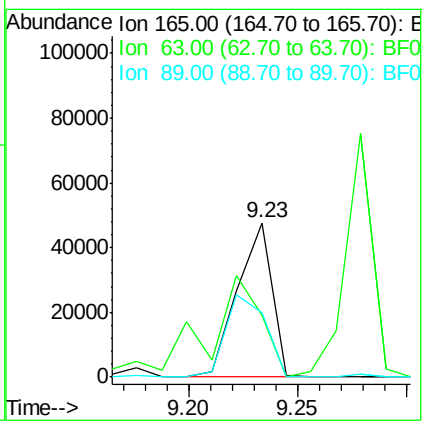
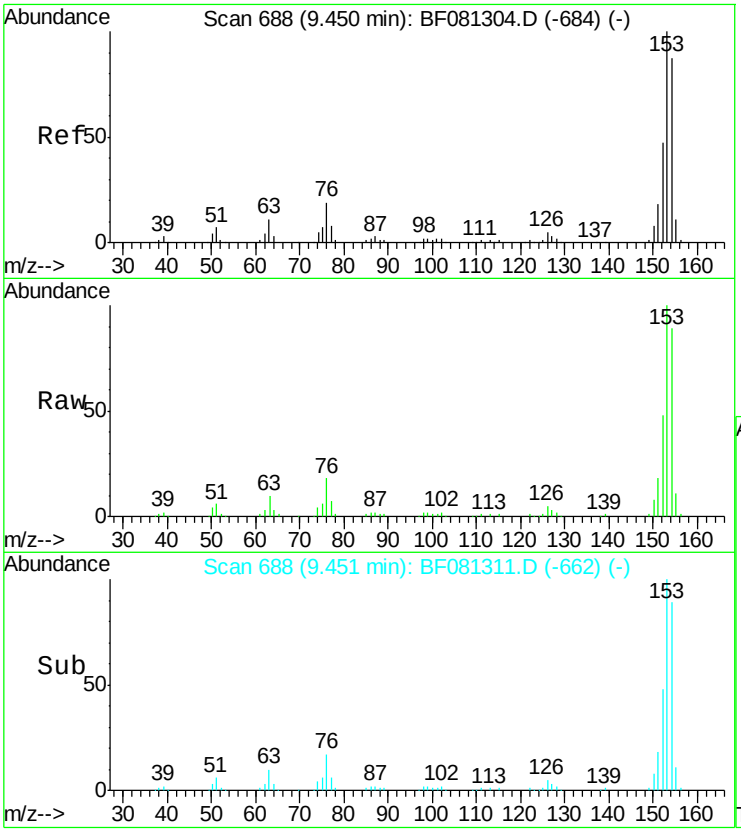


#50
2,6-Dinitrotoluene
Concen: 32.02 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:165 Resp: 52567

Ion	Ratio	Lower	Upper
165	100		
63	39.6	32.3	48.5
89	42.1	28.6	43.0

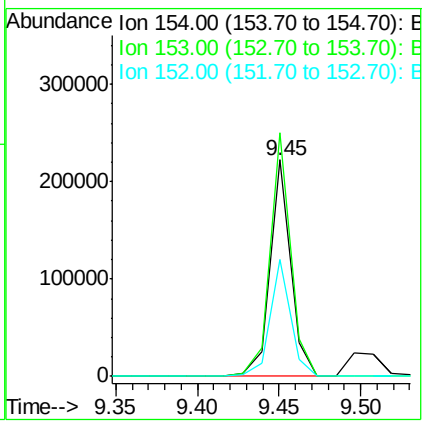




#51
Acenaphthene
Concen: 31.31 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:154 Resp: 195492

Ion	Ratio	Lower	Upper
154	100		
153	112.6	82.1	123.1
152	54.2	37.9	56.9



Instrument :
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ClientSampleId :
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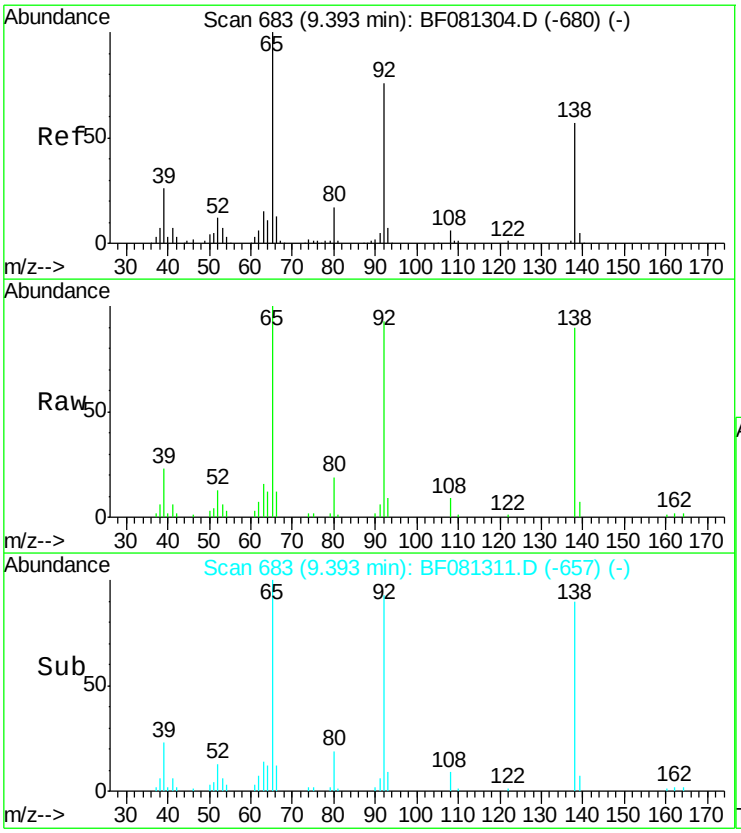
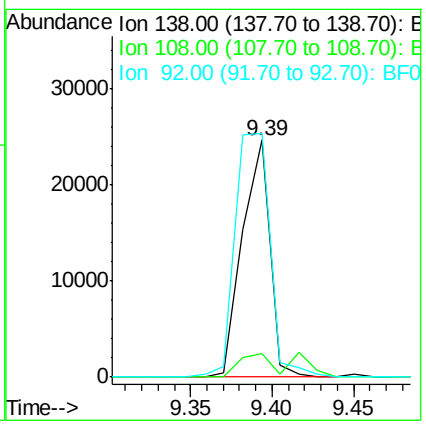
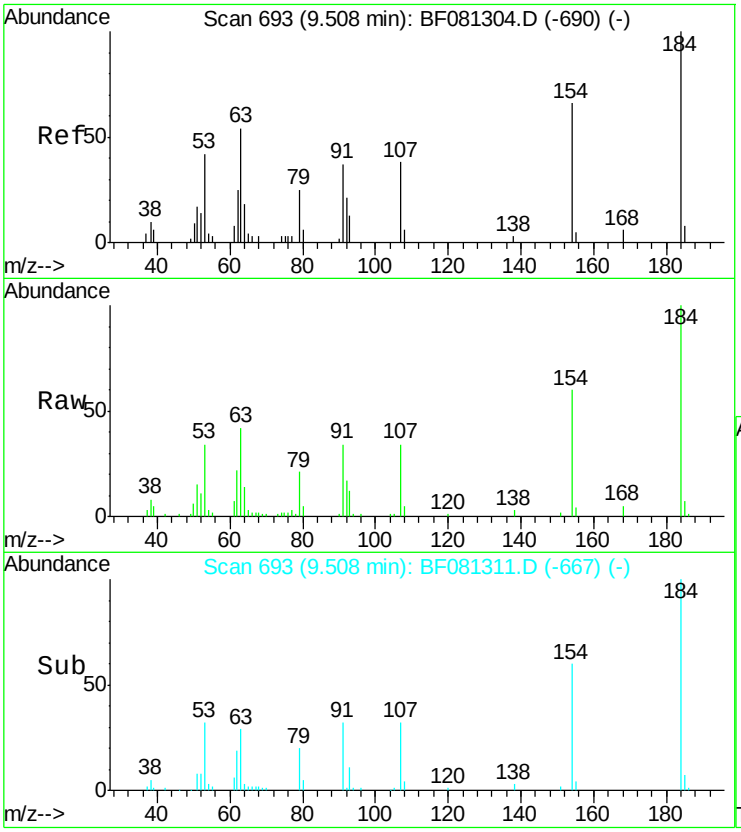


#52
3-Nitroaniline
Concen: 15.44 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:138 Resp: 28865

Ion	Ratio	Lower	Upper
138	100		
108	9.9	5.7	8.5#
92	102.7	67.7	101.5#





#53
2,4-Dinitrophenol
Concen: 81.76 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:184 Resp: 56541

Ion	Ratio	Lower	Upper
184	100		
63	42.2	35.4	53.2
154	59.7	32.2	48.4#

Instrument :
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ClientSampleId :
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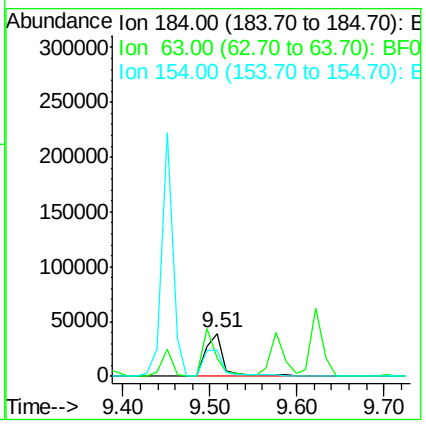
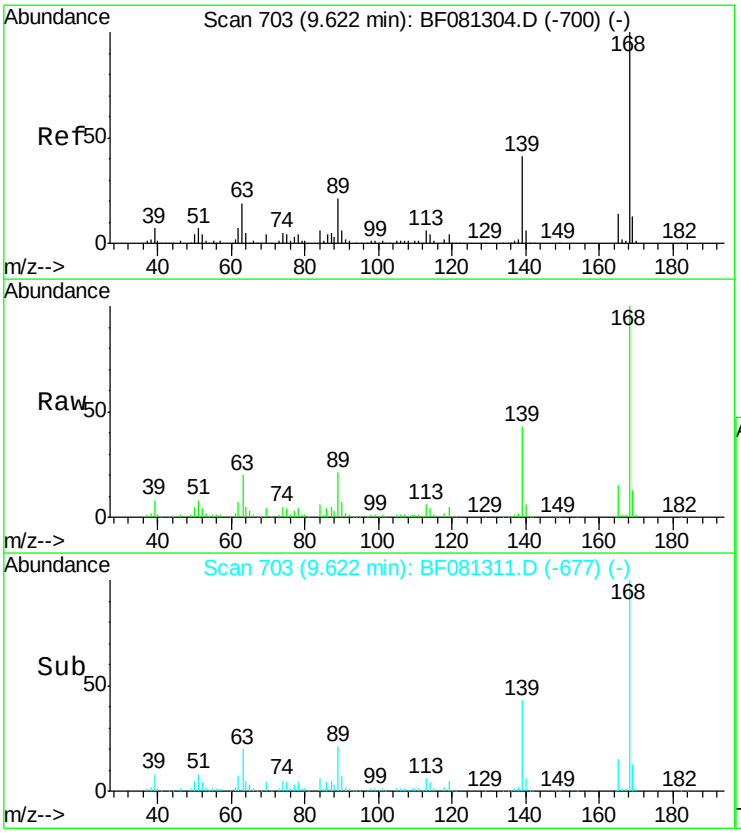
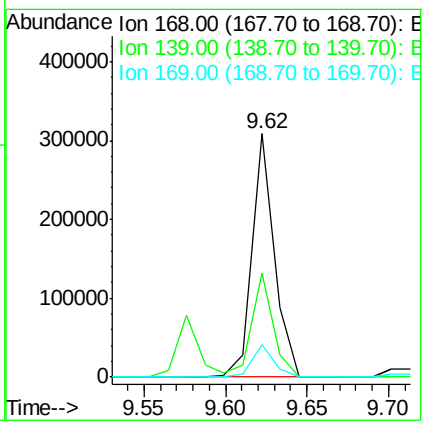


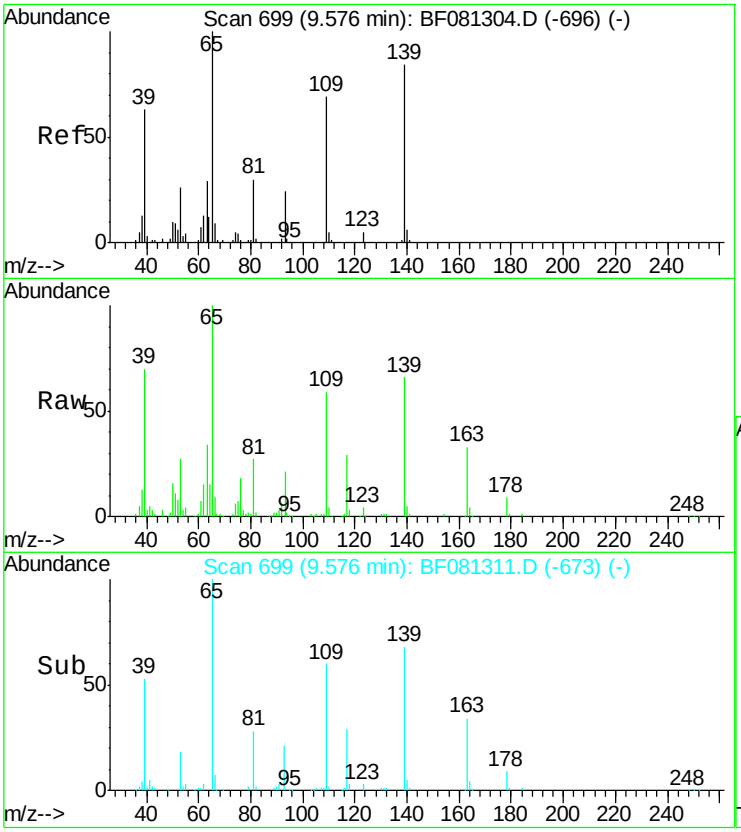


#54
Dibenzofuran
Concen: 32.32 ng
RT: 9.62 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:168 Resp: 294627

Ion	Ratio	Lower	Upper
168	100		
139	43.0	24.2	36.2#
169	13.4	10.6	15.8

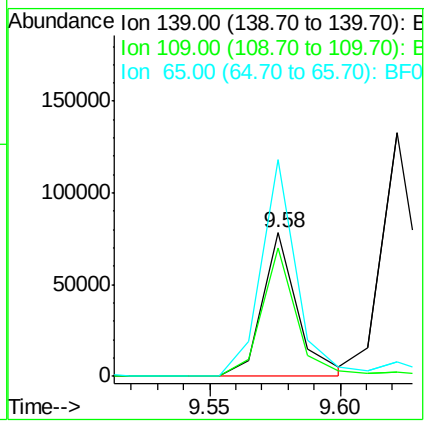




#55
4-Nitrophenol
Concen: 62.12 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:139 Resp: 72946

Ion	Ratio	Lower	Upper
139	100		
109	89.3	12.7	52.7#
65	151.0	45.9	85.9#



Instrument :
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ClientSampleId :
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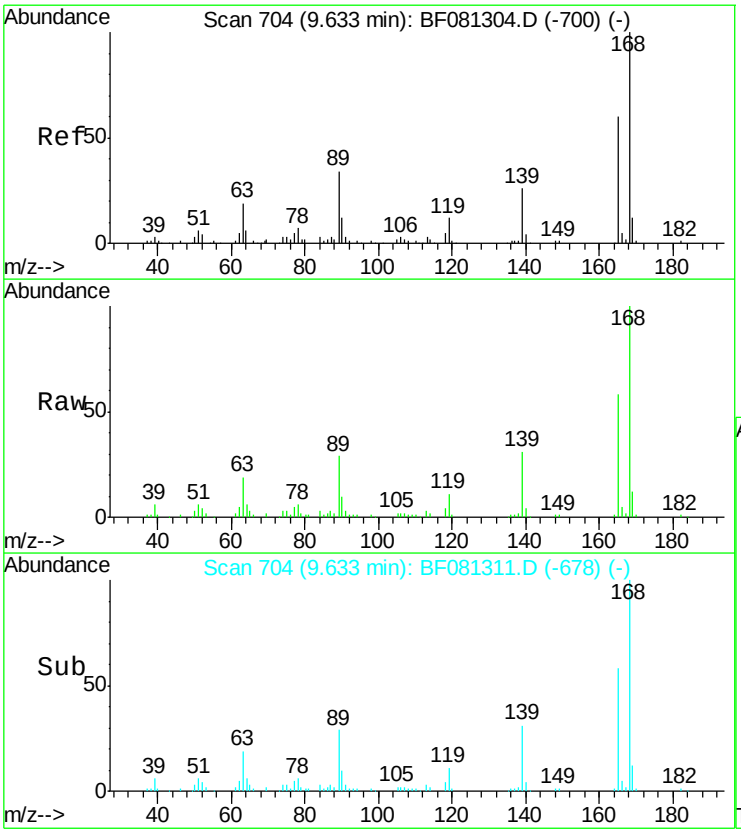
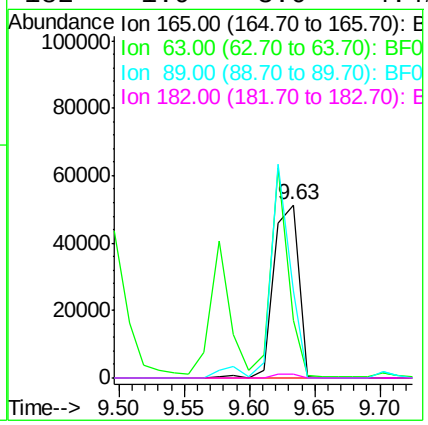
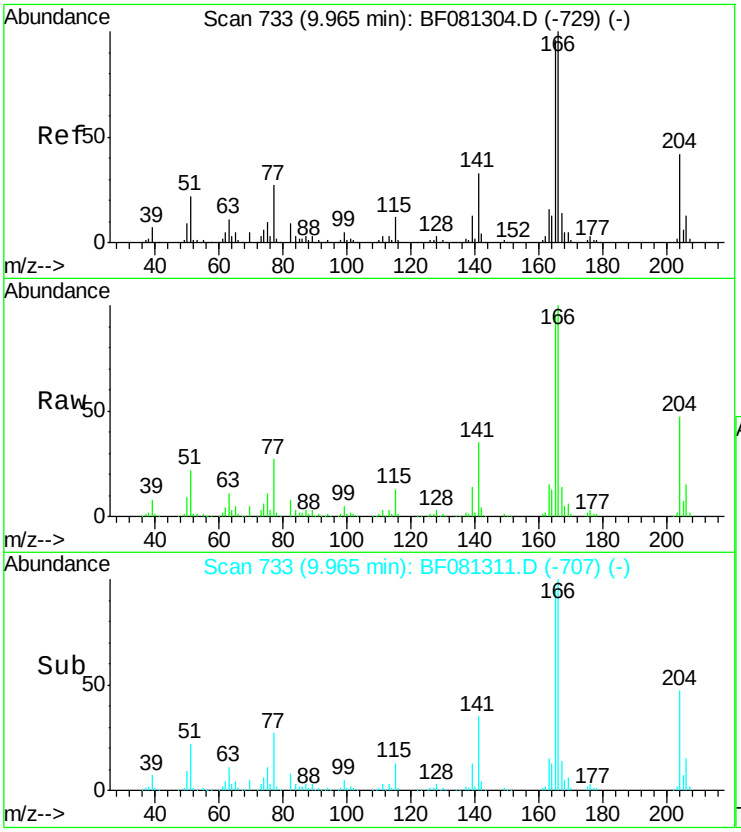


#56
2,4-Dinitrotoluene
Concen: 33.22 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:165 Resp: 69442

Ion	Ratio	Lower	Upper
165	100		
63	33.3	29.8	44.6
89	50.4	44.5	66.7
182	1.9	3.0	4.4#

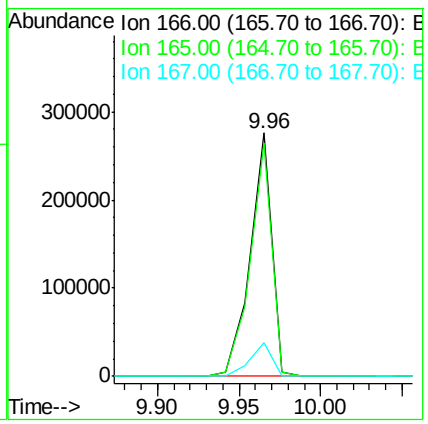




#57
Fluorene
Concen: 36.63 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:166 Resp: 253420

Ion	Ratio	Lower	Upper
166	100		
165	95.8	72.6	109.0
167	14.0	10.6	16.0



Instrument :
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ClientSampleId :
PB85326BS

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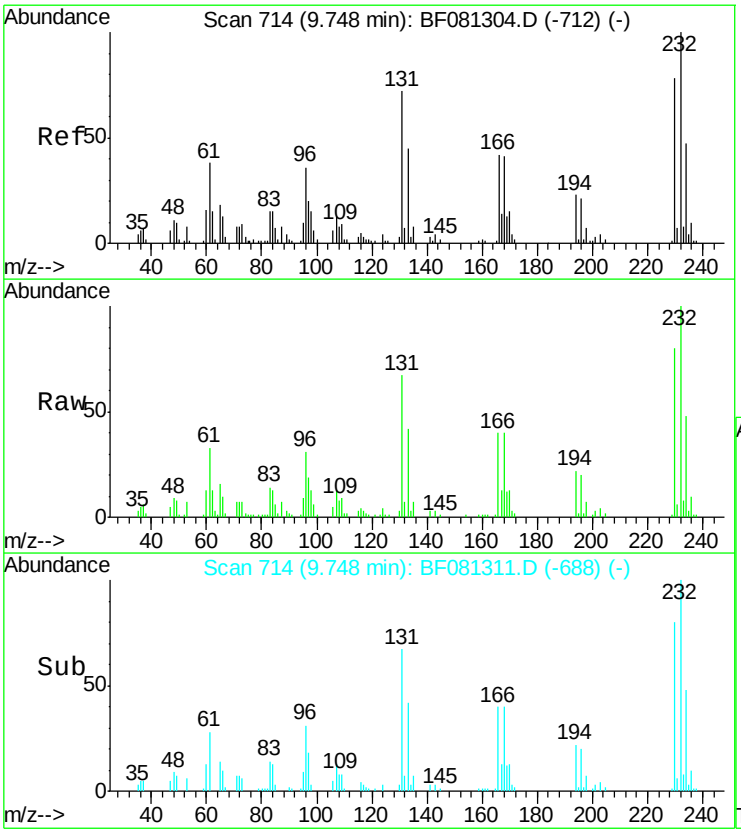
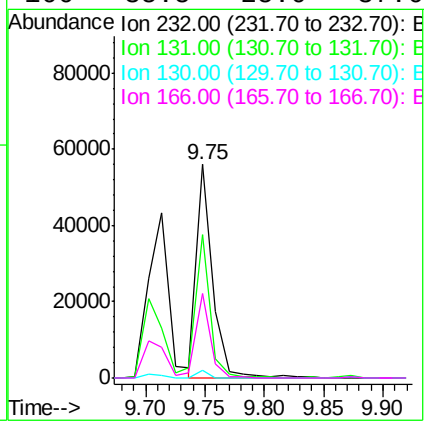
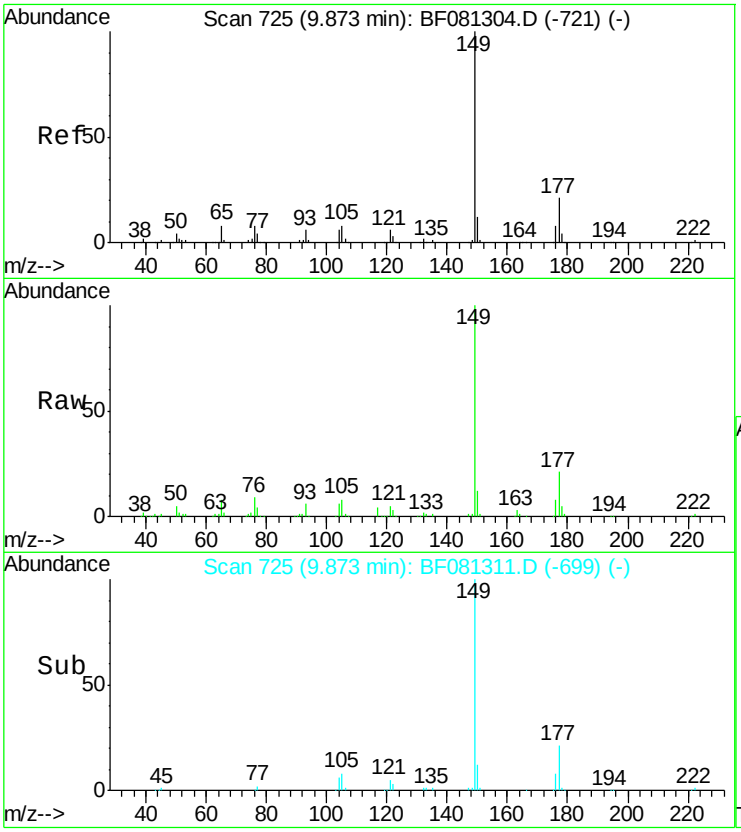


#58
2,3,4,6-Tetrachlorophenol
Concen: 34.20 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:232 Resp: 54140

Ion	Ratio	Lower	Upper
232	100		
131	60.5	38.5	57.7#
130	2.4	1.8	2.6
166	35.5	25.0	37.6

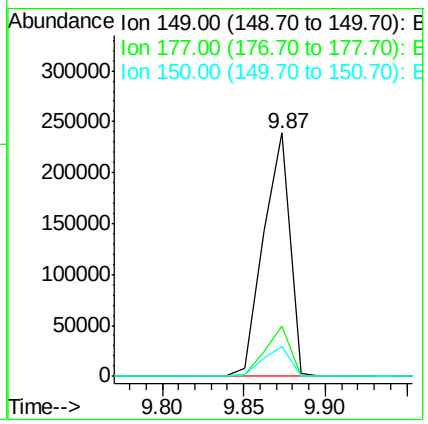




#59
Diethylphthalate
Concen: 35.50 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:149 Resp: 270172

Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.5	26.3
150	12.2	9.4	14.2



Instrument :
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ClientSampleId :
PB85326BS

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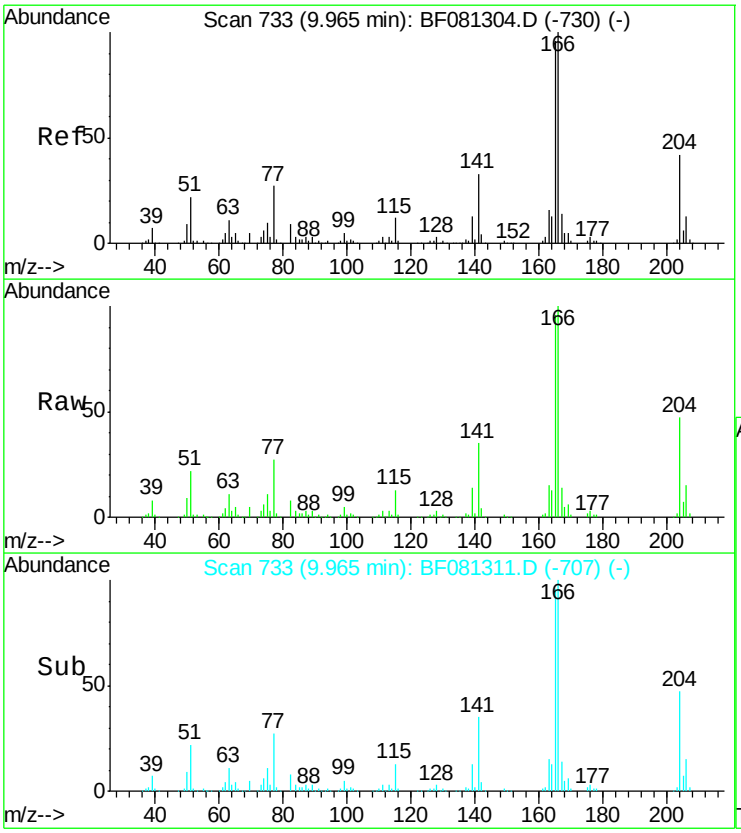
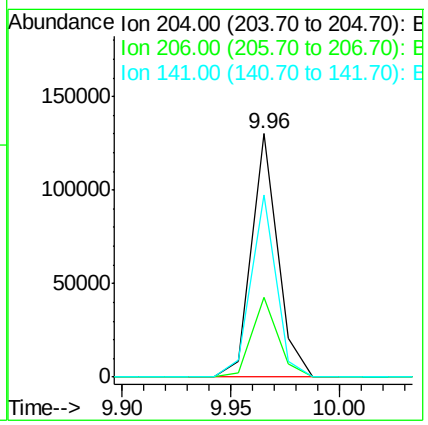
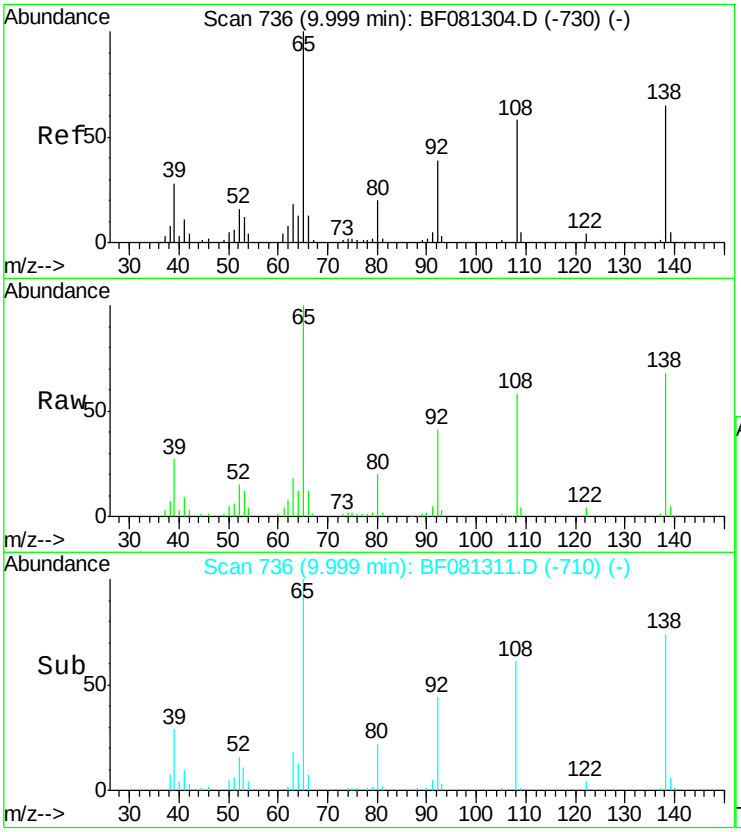


#60
4-Chlorophenyl-phenylether
Concen: 33.96 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:204 Resp: 109496

Ion	Ratio	Lower	Upper
204	100		
206	32.6	24.8	37.2
141	74.9	42.2	63.4#

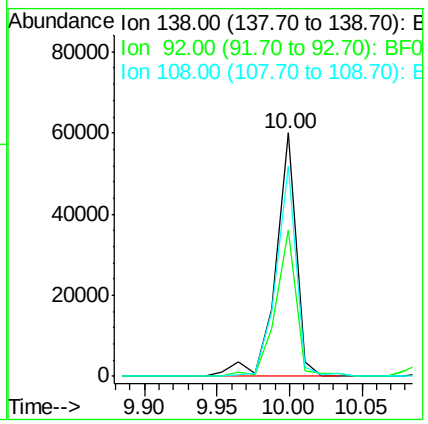




#61
4-Nitroaniline
Concen: 31.02 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:138 Resp: 58576

Ion	Ratio	Lower	Upper
138	100		
92	59.9	12.6	52.6#
108	86.4	12.4	52.4#



Instrument :
BNA_F
ClientSampleId :
PB85326BS

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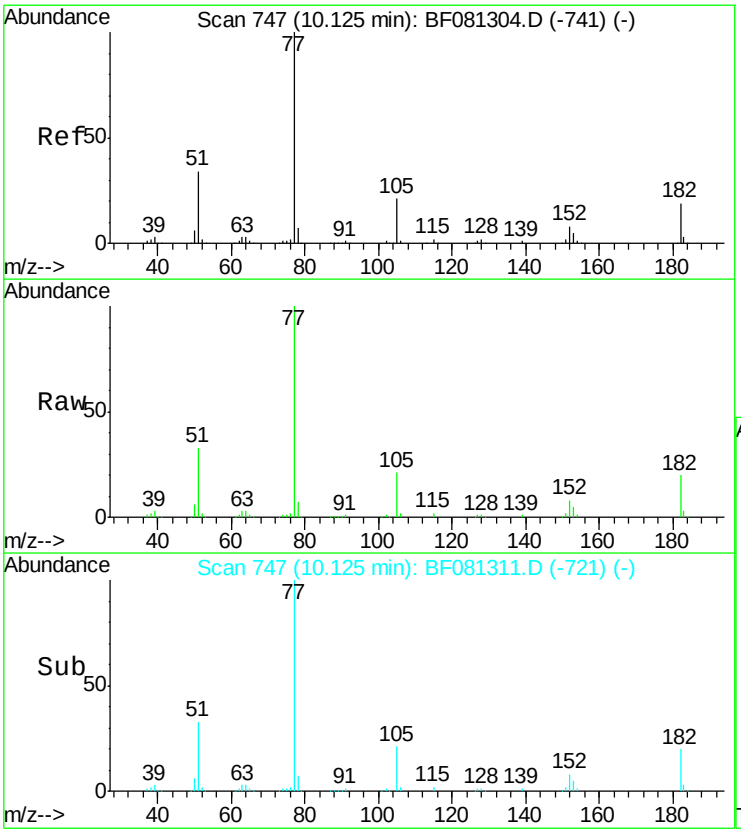
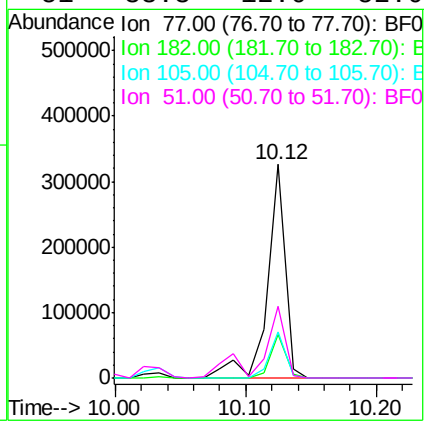
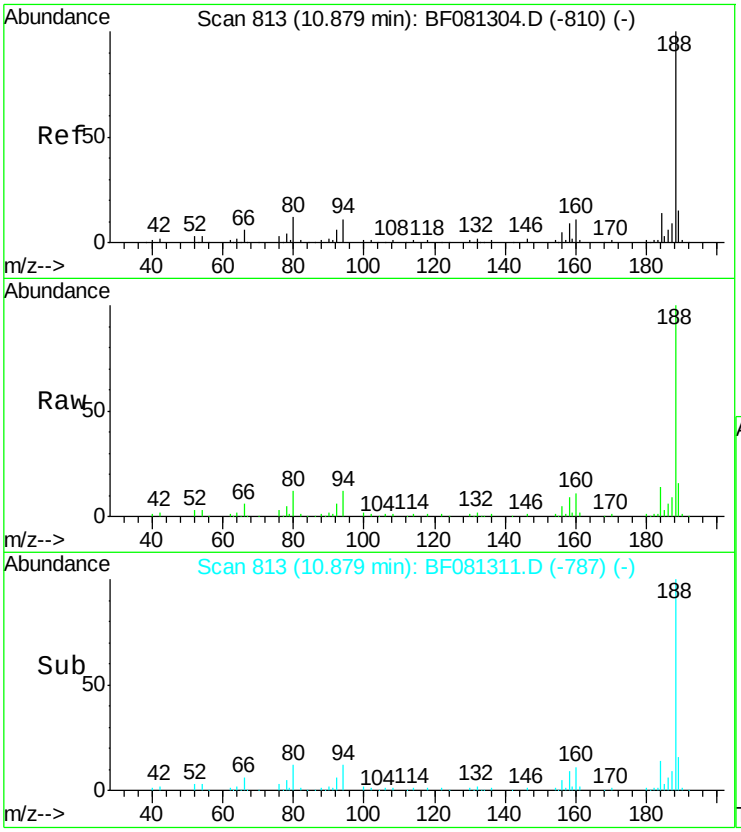


#62
Azobenzene
Concen: 37.29 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 77 Resp: 315529

Ion	Ratio	Lower	Upper
77	100		
182	20.1	15.1	55.1
105	21.3	3.4	43.4
51	33.3	12.0	52.0

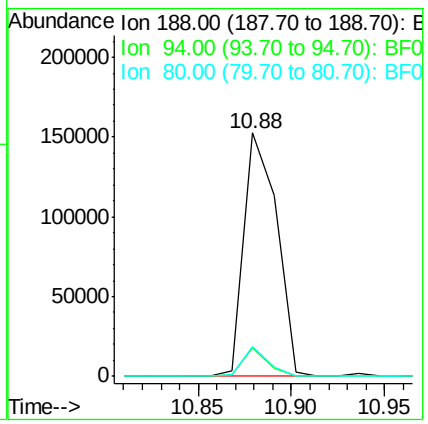




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:188 Resp: 186985

Ion	Ratio	Lower	Upper
188	100		
94	11.6	11.1	16.7
80	12.5	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
PB85326BS

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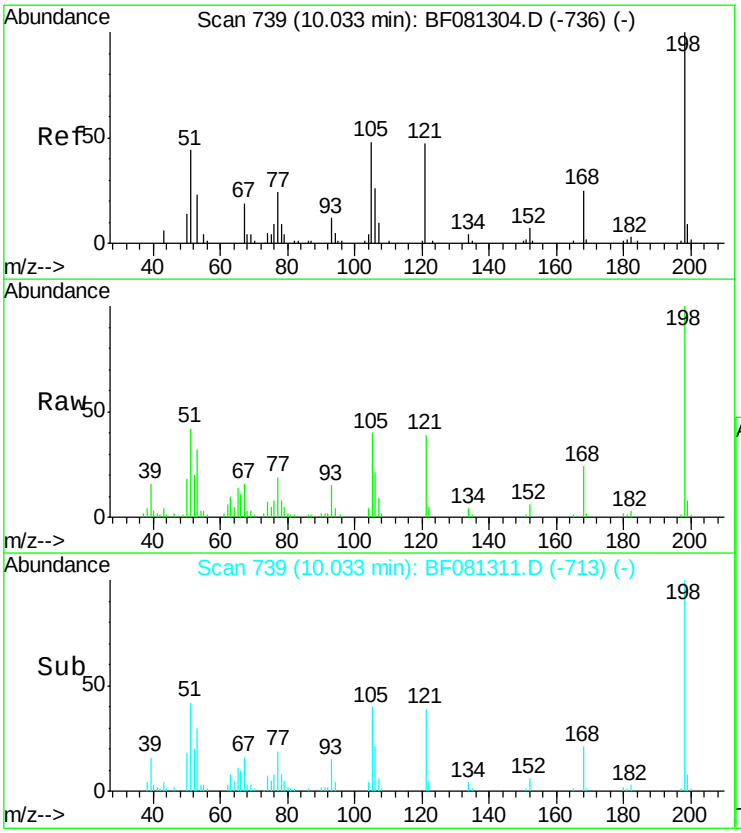
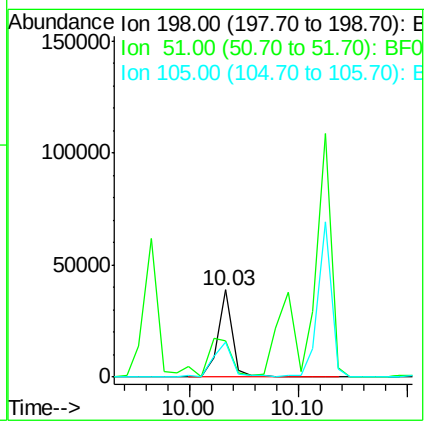
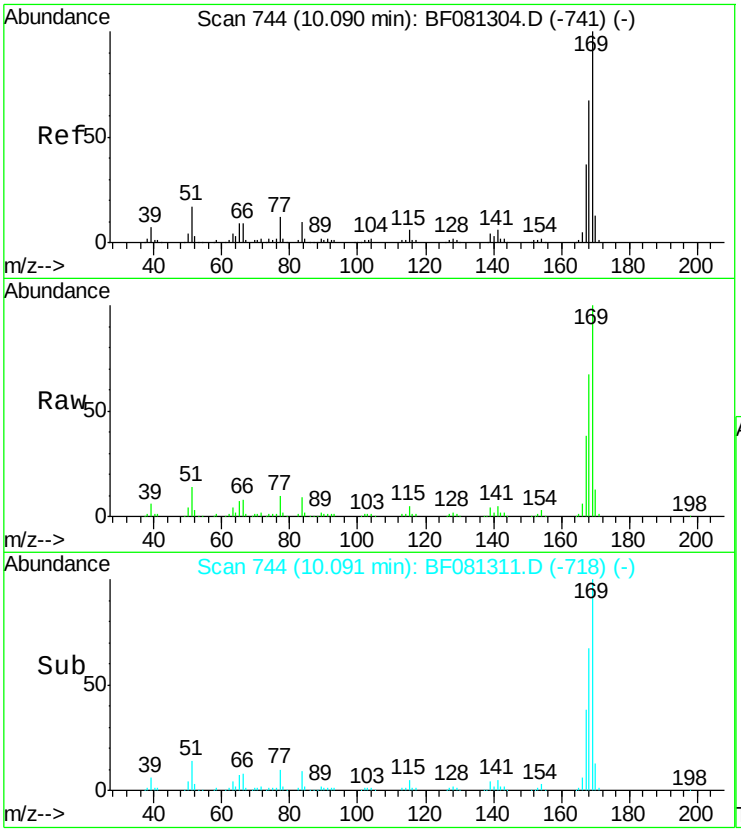


#64
4,6-Dinitro-2-methylphenol
Concen: 35.29 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:198 Resp: 36903

Ion	Ratio	Lower	Upper
198	100		
51	42.0	39.6	79.6
105	40.4	28.5	68.5

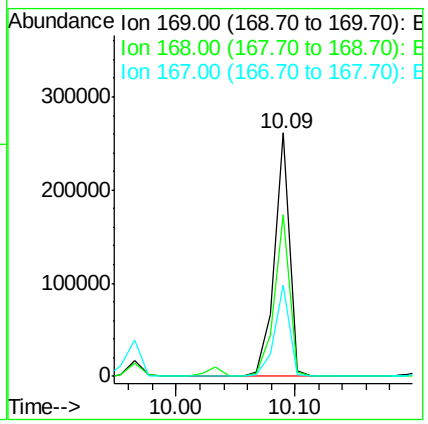




#65
n-Nitrosodiphenylamine
Concen: 34.09 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:169 Resp: 231933

Ion	Ratio	Lower	Upper
169	100		
168	66.6	48.9	73.3
167	37.6	26.2	39.4



Instrument :
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ClientSampleId :
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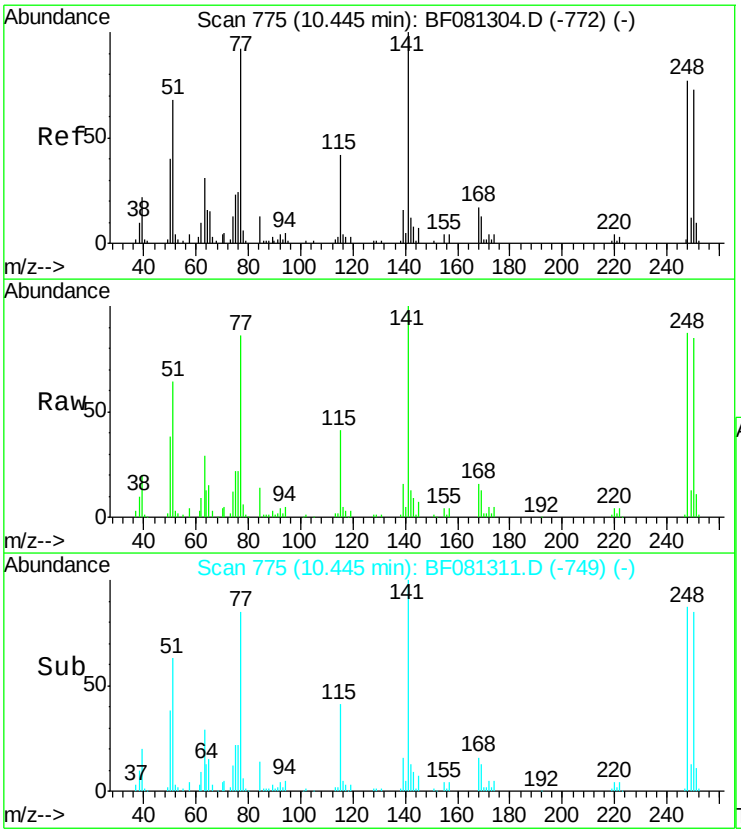
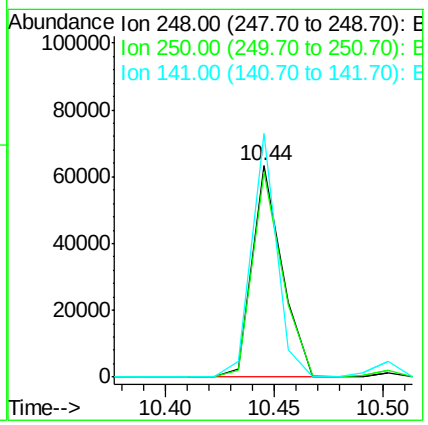
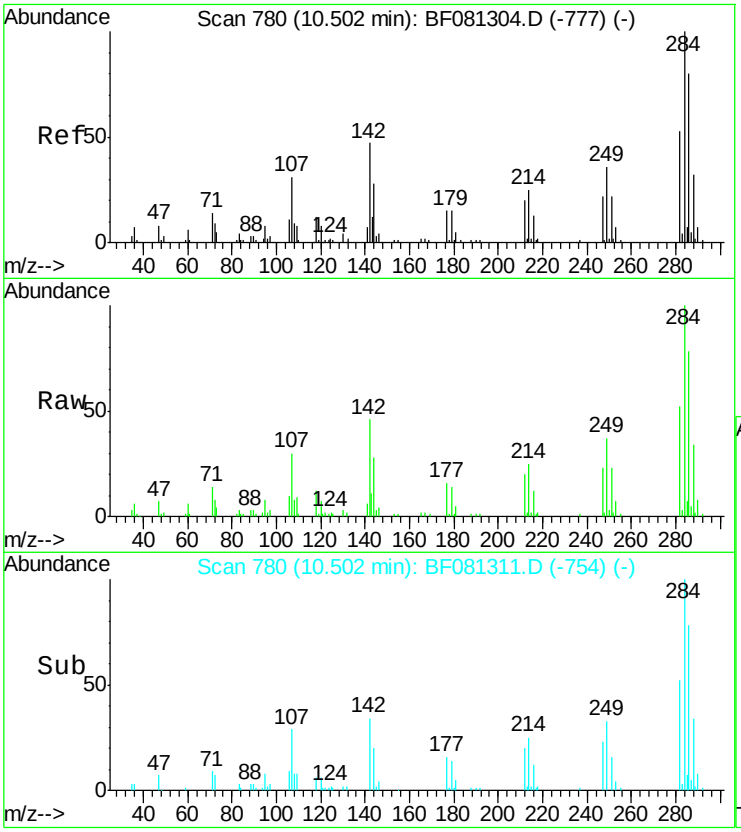


#66
4-Bromophenyl-phenylether
Concen: 32.01 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:248 Resp: 60520

Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.5	117.7
141	115.3	59.0	88.6#

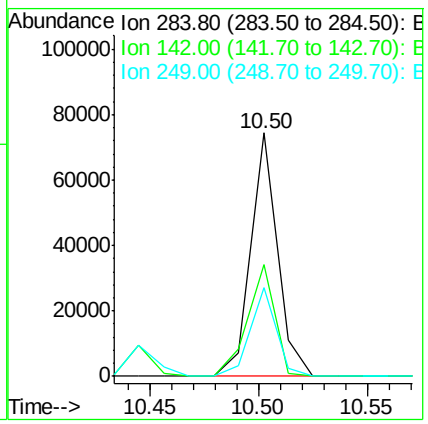




#67
Hexachlorobenzene
Concen: 32.08 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:284 Resp: 63412

Ion	Ratio	Lower	Upper
284	100		
142	45.8	29.5	44.3#
249	36.6	19.5	29.3#



Instrument :
BNA_F
ClientSampleId :
PB85326BS

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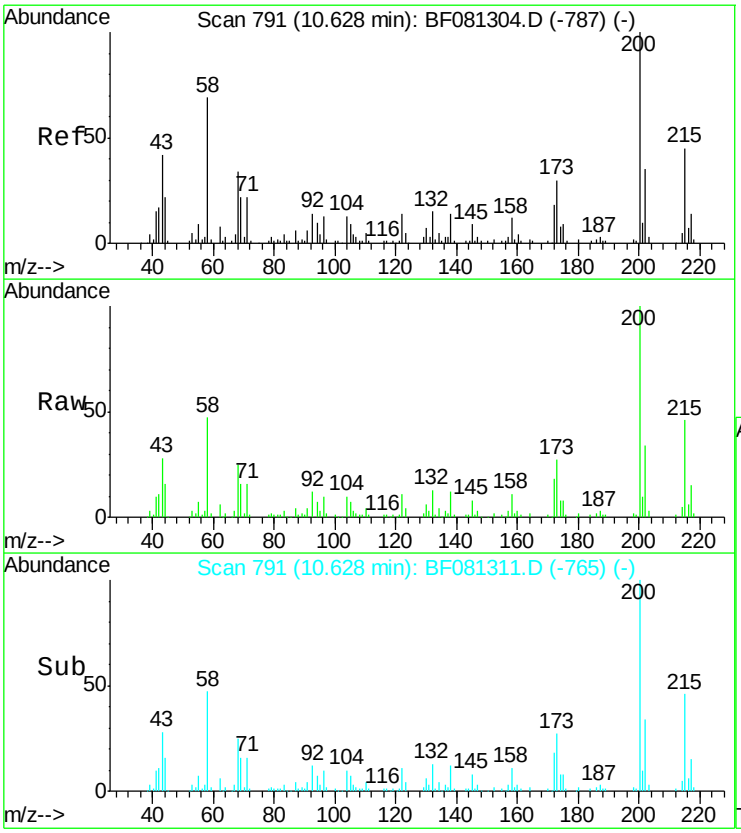
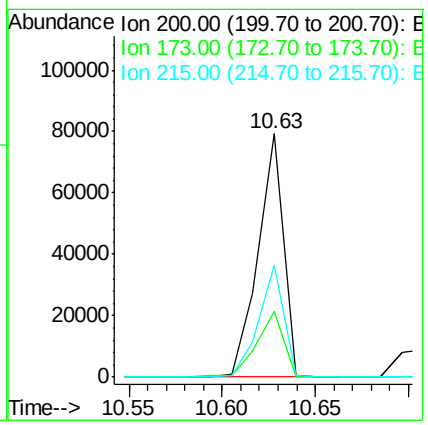
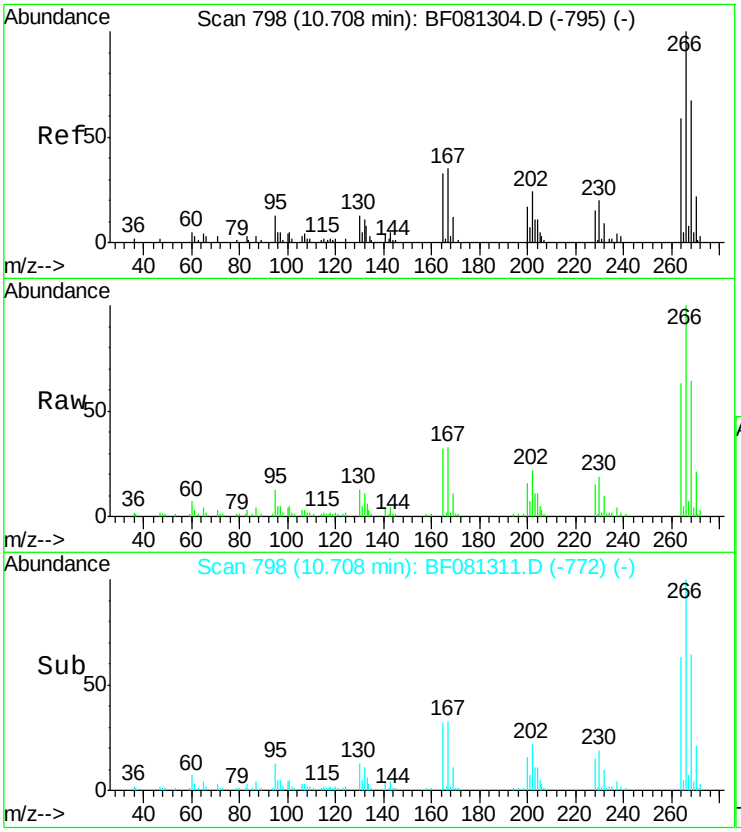


#68
Atrazine
Concen: 37.70 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:200 Resp: 74239

Ion	Ratio	Lower	Upper
200	100		
173	27.1	13.2	53.2
215	46.1	41.8	81.8

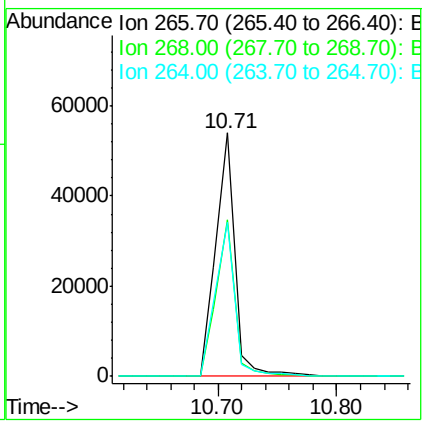




#69
Pentachlorophenol
Concen: 64.25 ng
RT: 10.71 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:266 Resp: 59977

Ion	Ratio	Lower	Upper
266	100		
268	64.5	49.8	74.6
264	63.0	50.2	75.2



Instrument :
BNA_F
ClientSampleId :
PB85326BS

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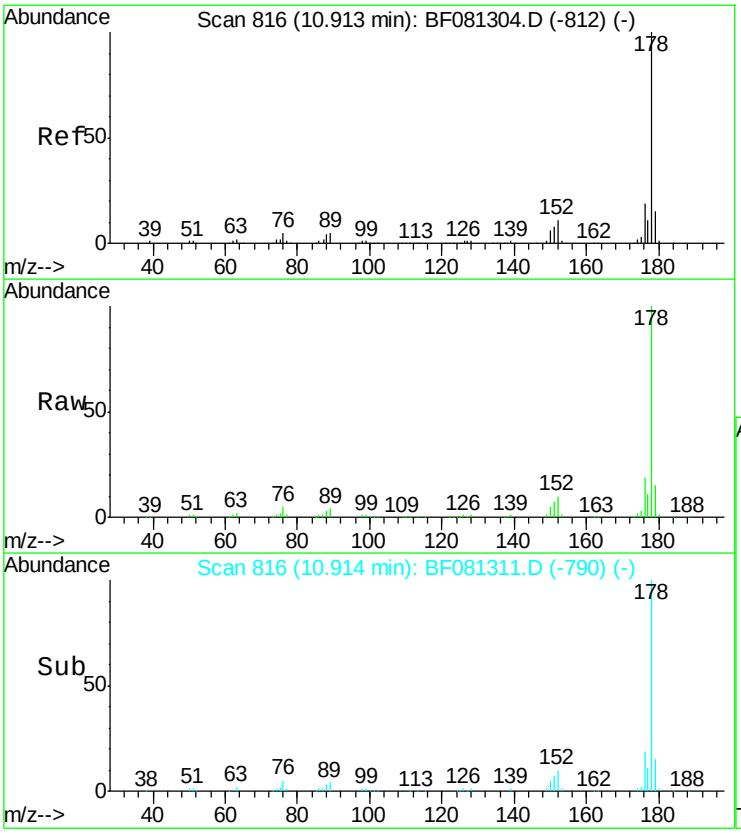
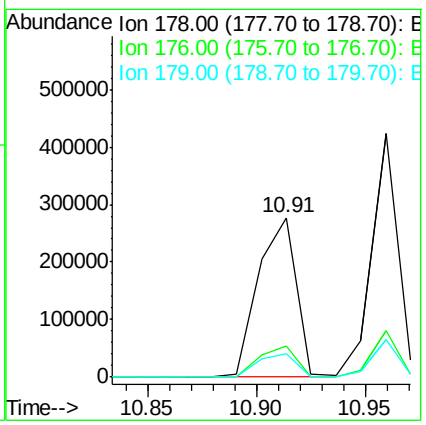
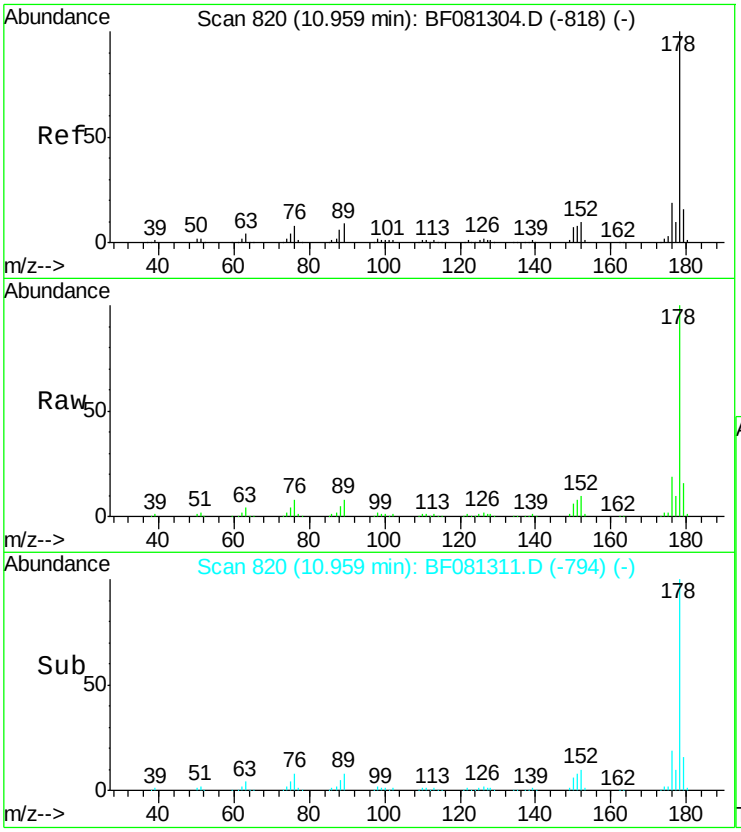


#70
Phenanthrene
Concen: 32.62 ng
RT: 10.91 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:178 Resp: 339065

Ion	Ratio	Lower	Upper
178	100		
176	19.2	13.8	20.8
179	14.8	12.2	18.2

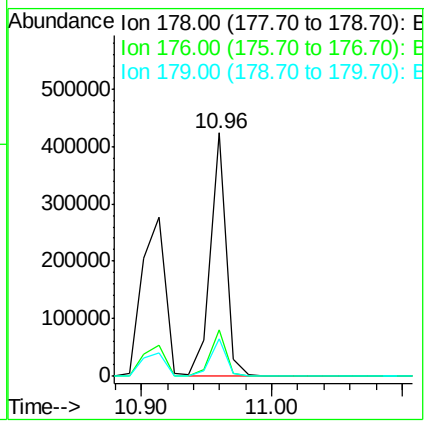




#71
Anthracene
Concen: 33.50 ng
RT: 10.96 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:178 Resp: 357786

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.1	21.1
179	15.6	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
PB85326BS

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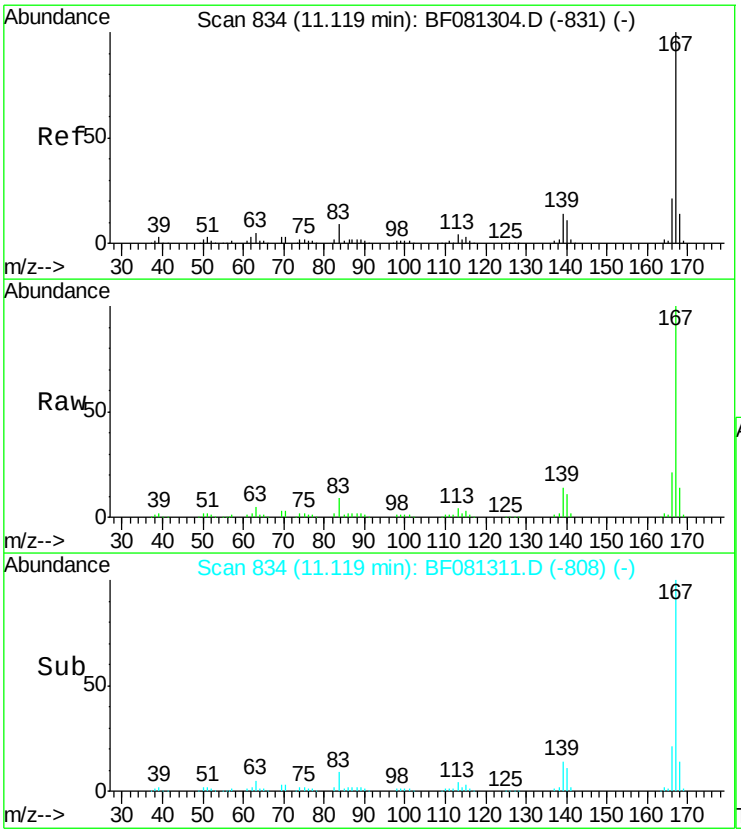
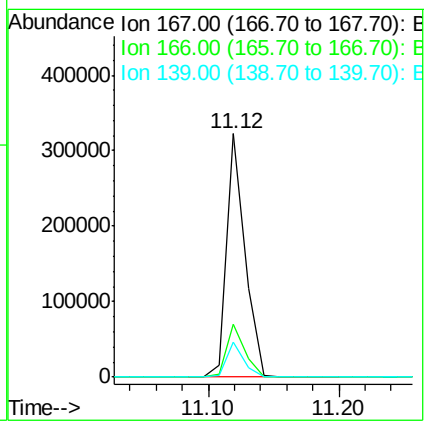
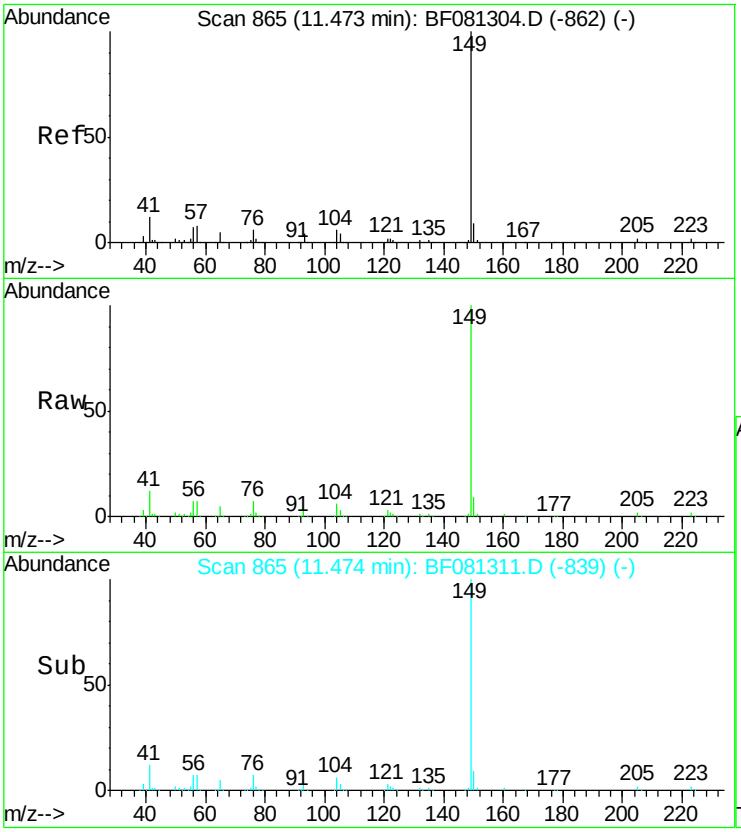


#72
Carbazole
Concen: 31.49 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:167 Resp: 315595

Ion	Ratio	Lower	Upper
167	100		
166	21.5	15.7	23.5
139	14.2	9.5	14.3

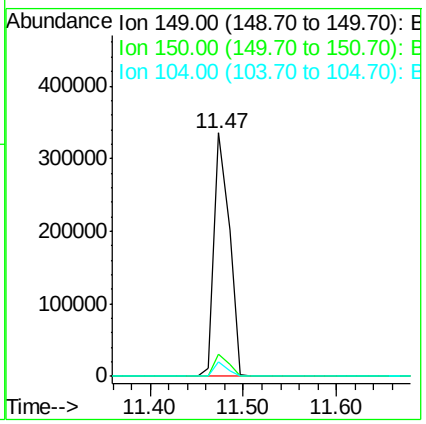




#73
Di-n-butylphthalate
Concen: 32.26 ng
RT: 11.47 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:149 Resp: 381725

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.9	2.4	3.6#



Instrument :
BNA_F
ClientSampleId :
PB85326BS

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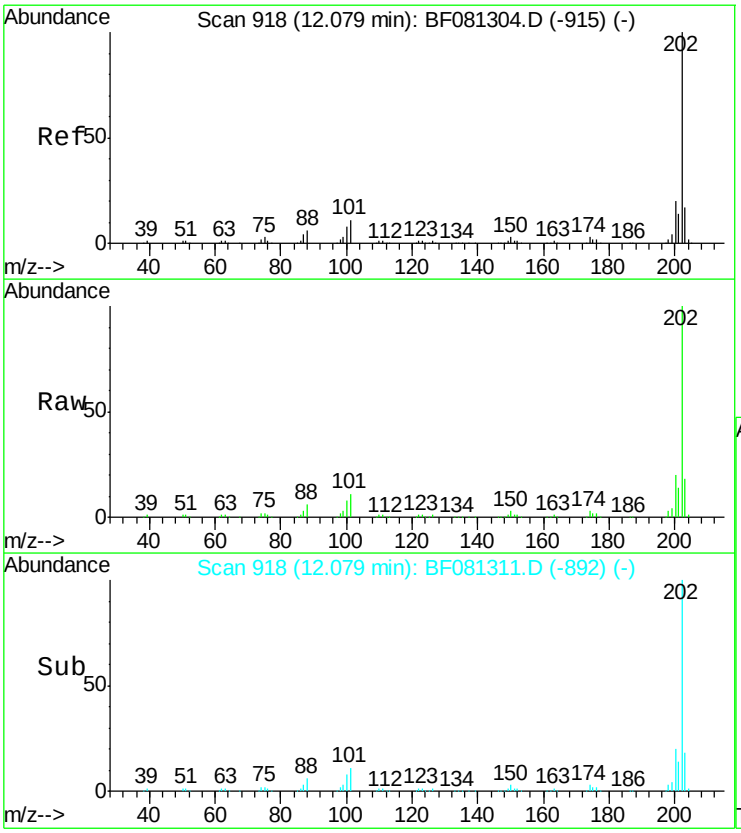
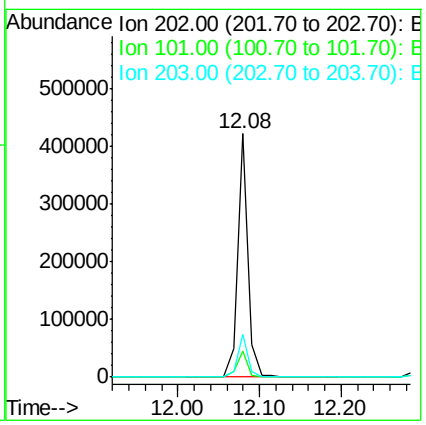
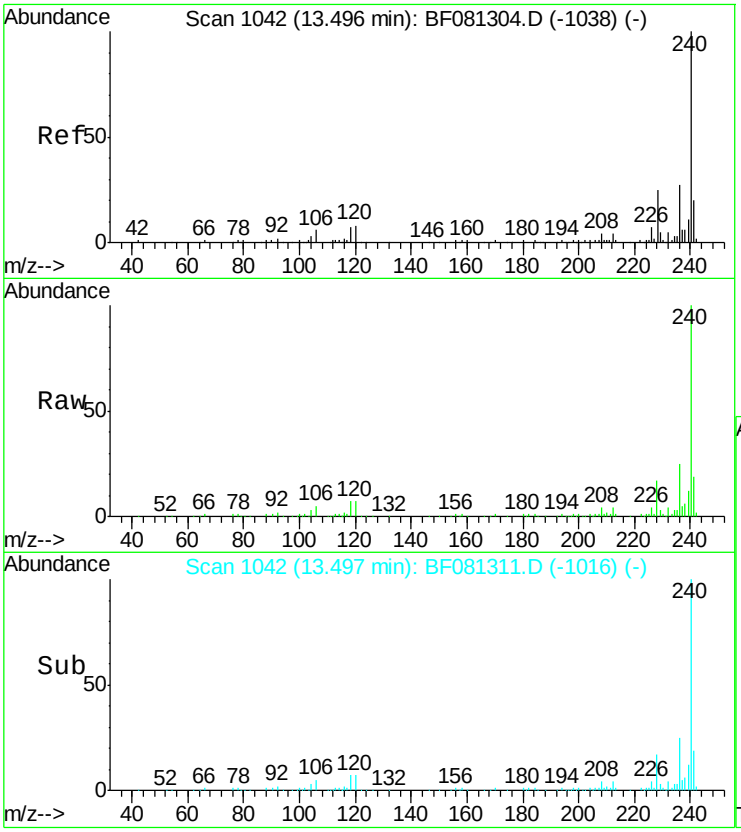


#74
Fluoranthene
Concen: 32.93 ng
RT: 12.08 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:202 Resp: 370615

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	38.3
203	17.7	0.0	37.3

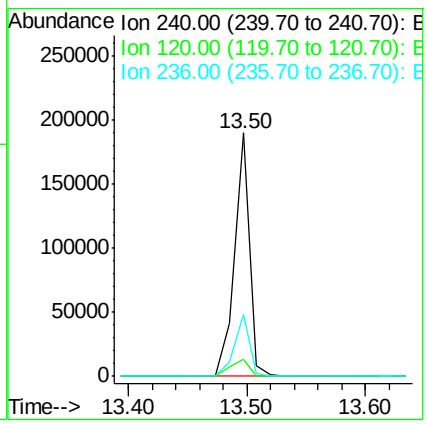




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.50 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:240 Resp: 166774

Ion	Ratio	Lower	Upper
240	100		
120	7.1	16.2	24.2#
236	25.3	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
PB85326BS

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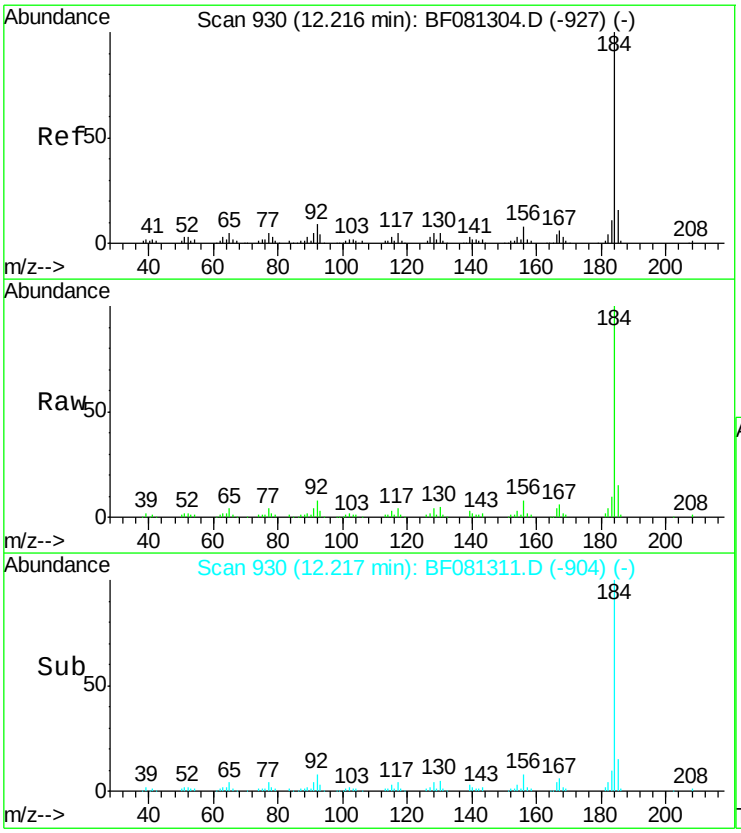
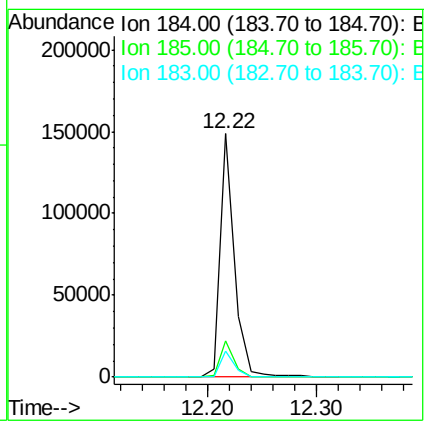
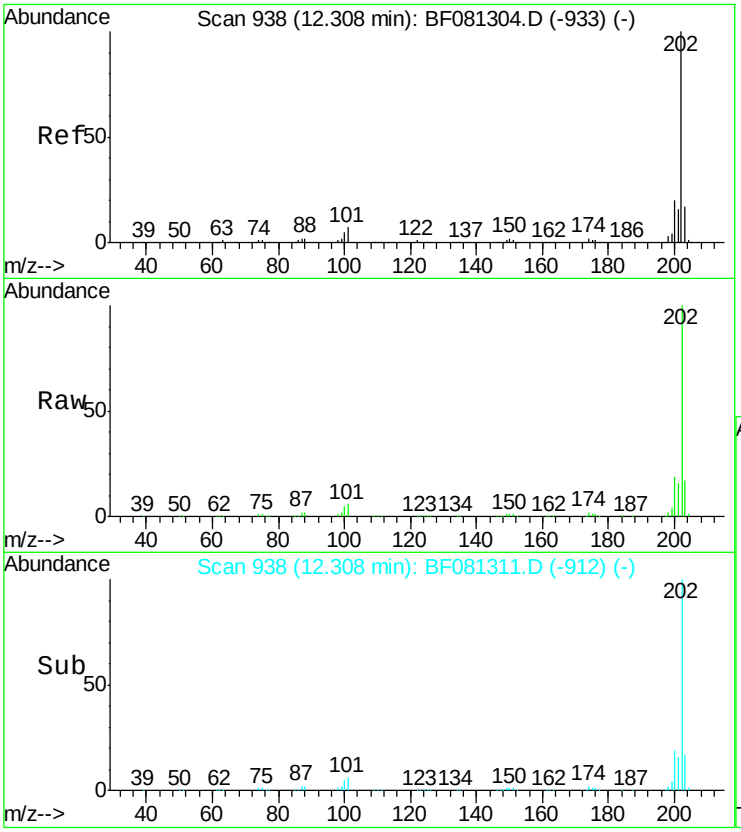


#76
Benzidine
Concen: 19.09 ng
RT: 12.22 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:184 Resp: 136691

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.8	17.6
183	10.4	7.6	11.4

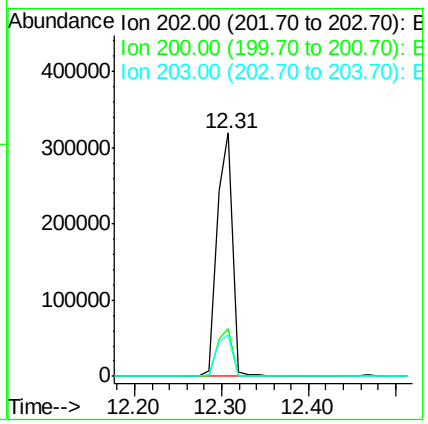




#77
Pyrene
Concen: 32.56 ng
RT: 12.31 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:202 Resp: 402266

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.0	22.4
203	16.8	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
PB85326BS

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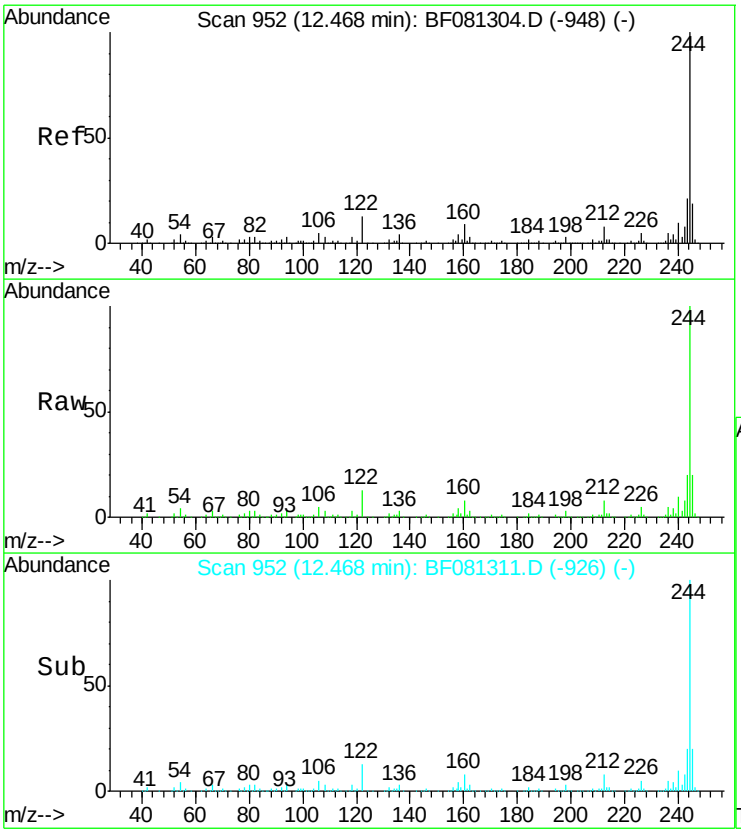
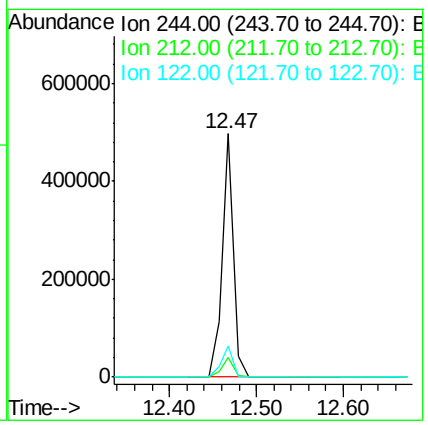
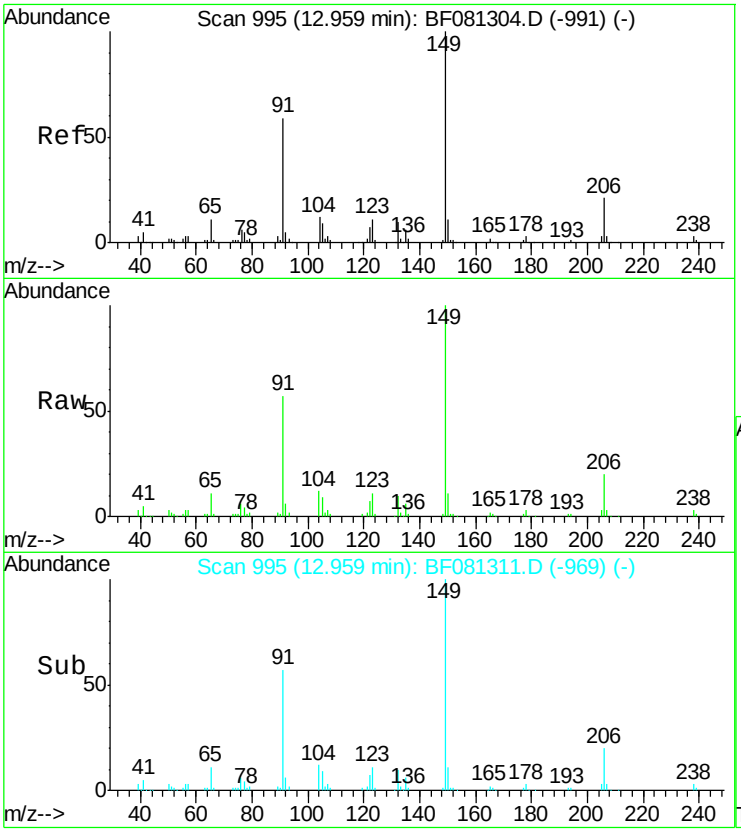


#78
Terphenyl-d14
Concen: 63.36 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:244 Resp: 453954

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	12.7	17.4	26.2#

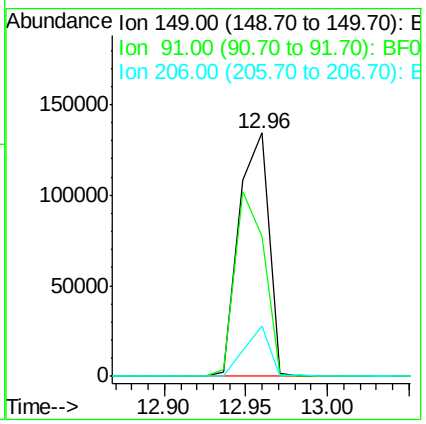




#79
Butylbenzylphthalate
Concen: 31.48 ng
RT: 12.96 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:149 Resp: 169126

Ion	Ratio	Lower	Upper
149	100		
91	57.3	48.6	72.8
206	20.4	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
PB85326BS

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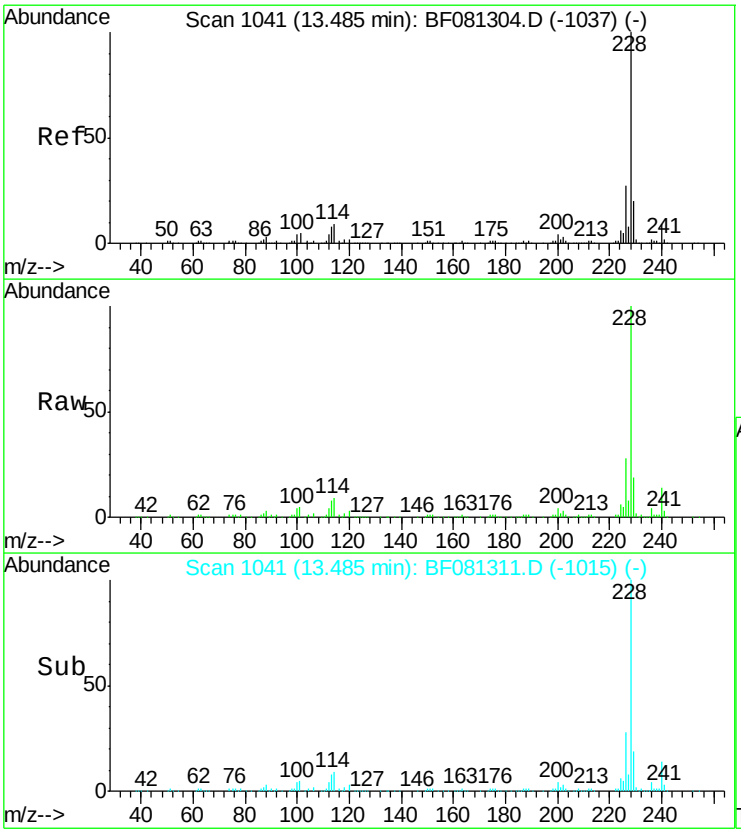
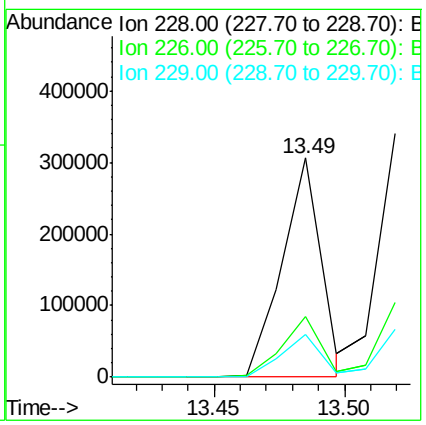
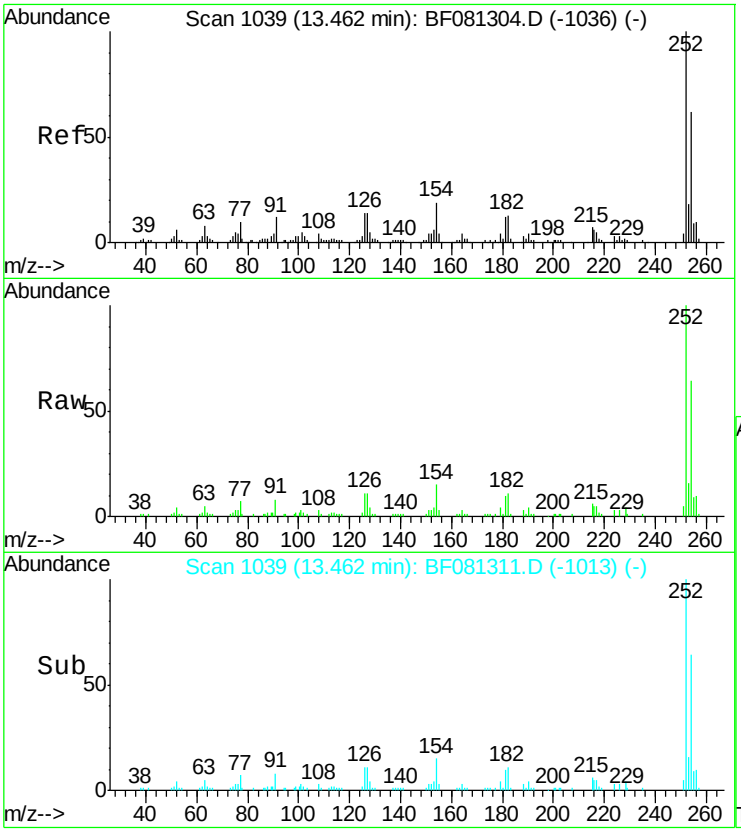


#80
Benzo(a)anthracene
Concen: 29.86 ng
RT: 13.49 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:228 Resp: 317086

Ion	Ratio	Lower	Upper
228	100		
226	27.7	20.0	30.0
229	19.5	15.4	23.2





#81
3,3'-Dichlorobenzidine
Concen: 13.98 ng
RT: 13.46 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:252 Resp: 50087

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.2
126	10.6	16.4	24.6#

Instrument :
BNA_F
ClientSampleId :
PB85326BS

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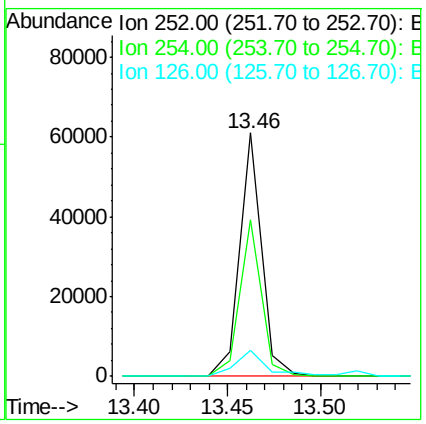
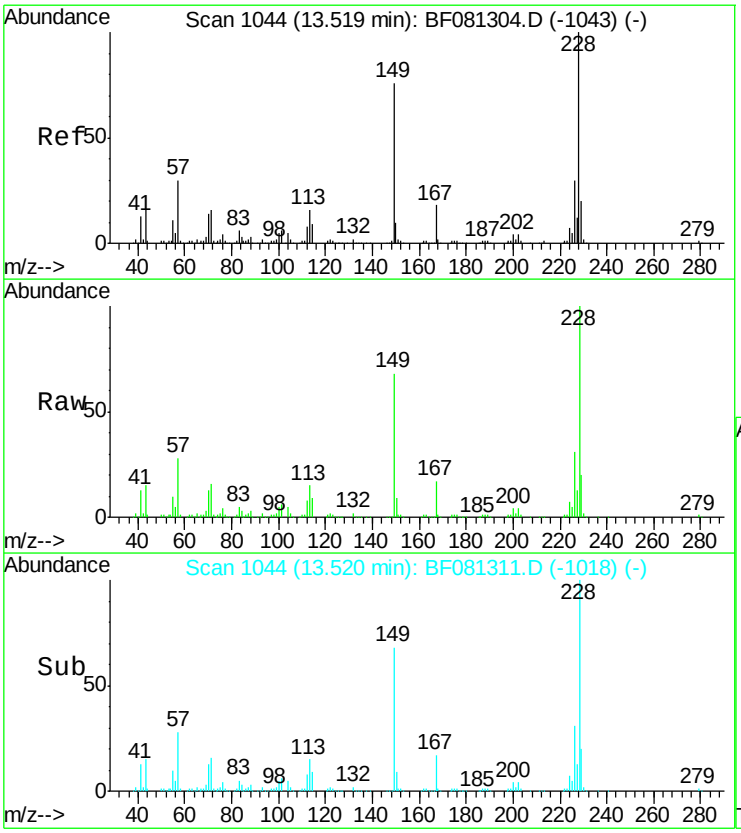
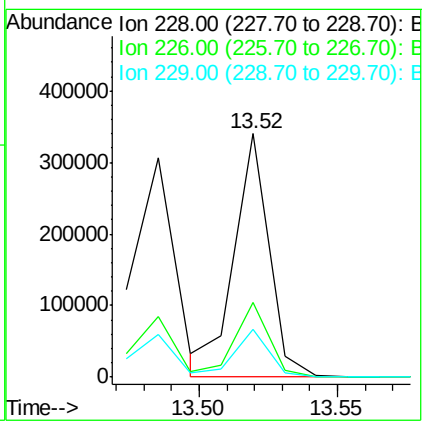


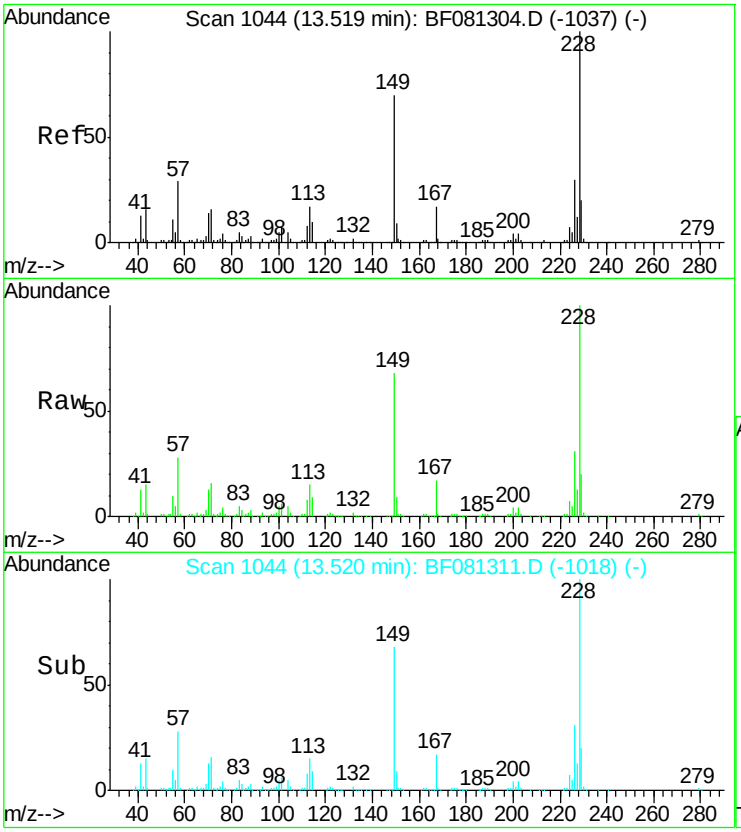


#82
Chrysene
Concen: 31.05 ng m
RT: 13.52 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:228 Resp: 295596

Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.0	31.4
229	19.6	15.6	23.4





#83
Bis(2-ethylhexyl)phthalate
Concen: 30.87 ng
RT: 13.52 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:149 Resp: 218904

Ion	Ratio	Lower	Upper
149	100		
167	25.1	24.2	36.2
279	1.7	3.8	5.6#

Instrument :
BNA_F
ClientSampleId :
PB85326BS

Manual Integrations APPROVED
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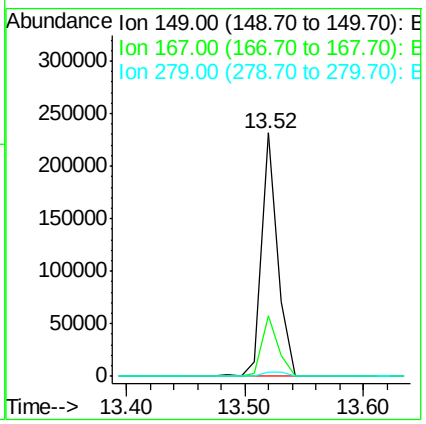
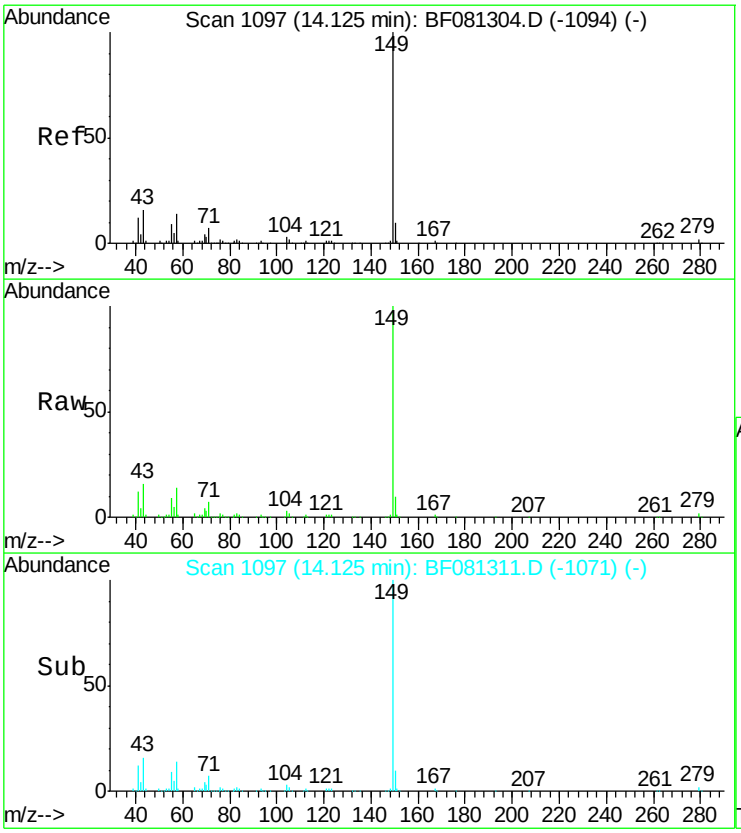
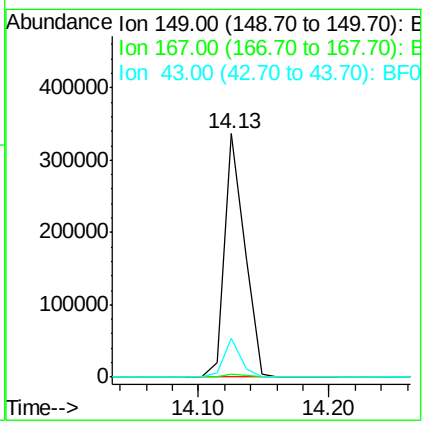


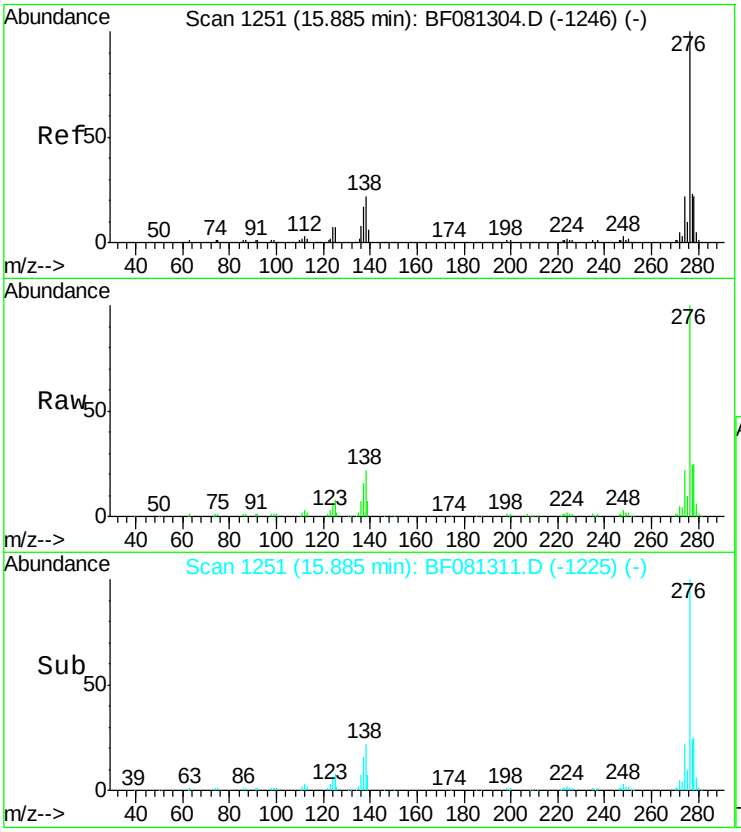


#84
Di-n-octyl phthalate
Concen: 30.70 ng
RT: 14.13 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:149 Resp: 358427

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.0	1.6
43	13.7	10.2	15.2





#85
Indeno(1,2,3-cd)pyrene
Concen: 29.71 ng
RT: 15.89 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:276 Resp: 207517

Ion	Ratio	Lower	Upper
276	100		
138	24.0	25.7	38.5#
277	24.5	15.6	23.4#

Instrument :
BNA_F
ClientSampleId :
PB85326BS

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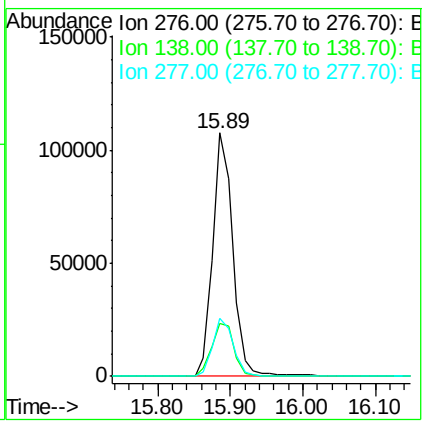
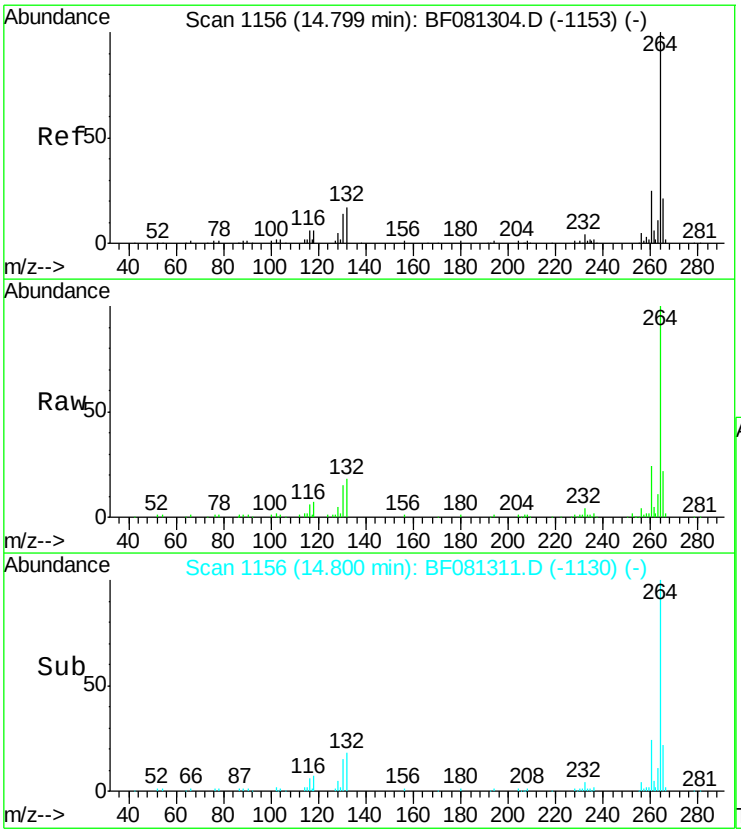
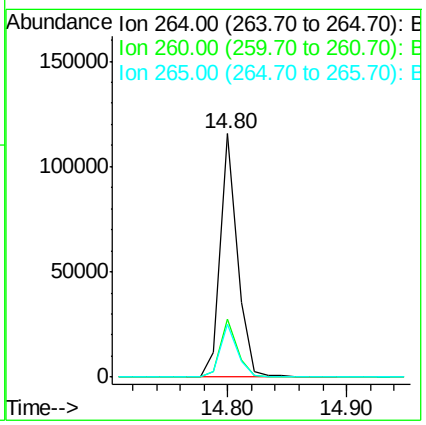


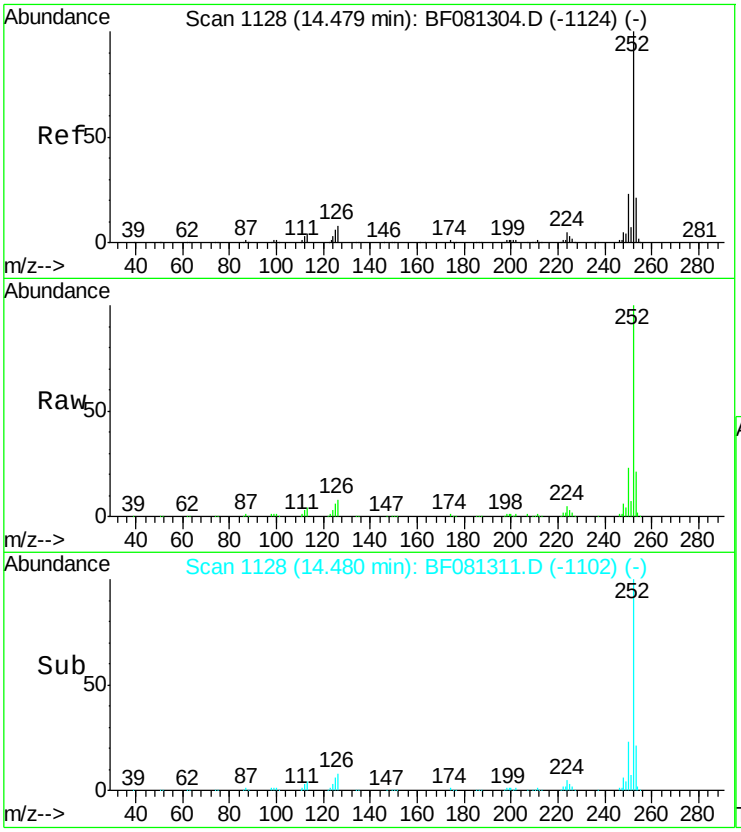


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:264 Resp: 115319

Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	21.8	17.2	25.8





#87
Benzo(b)fluoranthene
Concen: 40.75 ng m
RT: 14.48 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:252 Resp: 335478

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.5	26.3
125	6.0	17.1	25.7#

Instrument :
BNA_F
ClientSampleId :
PB85326BS

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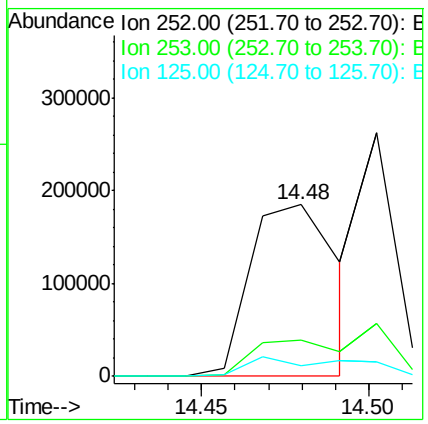
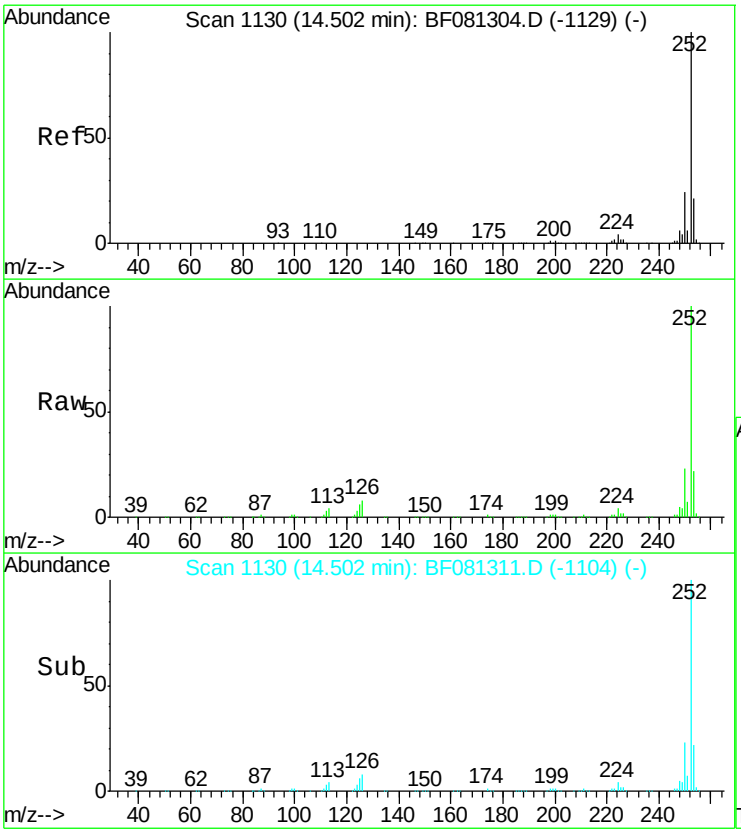
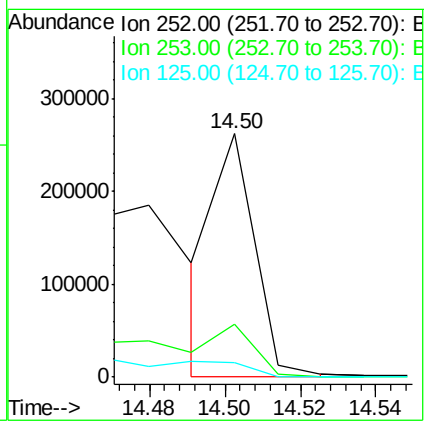


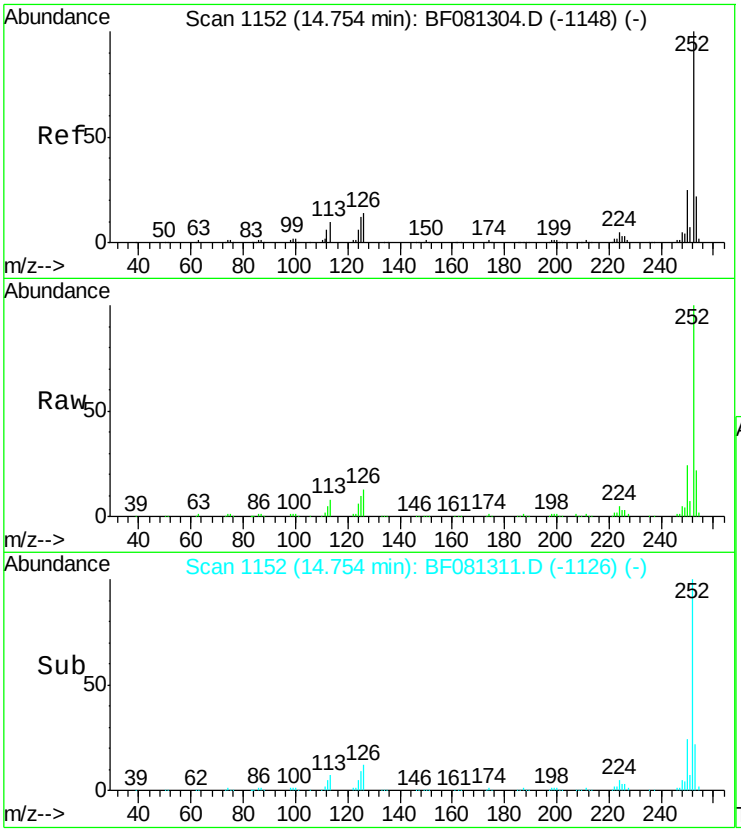


#88
Benzo(k)fluoranthene
Concen: 27.97 ng m
RT: 14.50 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:252 Resp: 191082

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	5.7	16.0	24.0#





#89
Benzo(a)pyrene
Concen: 34.83 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:252 Resp: 242977

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	9.8	18.0	27.0#

Instrument :
BNA_F
ClientSampleId :
PB85326BS

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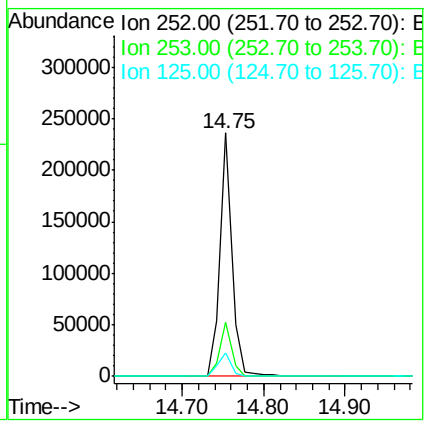
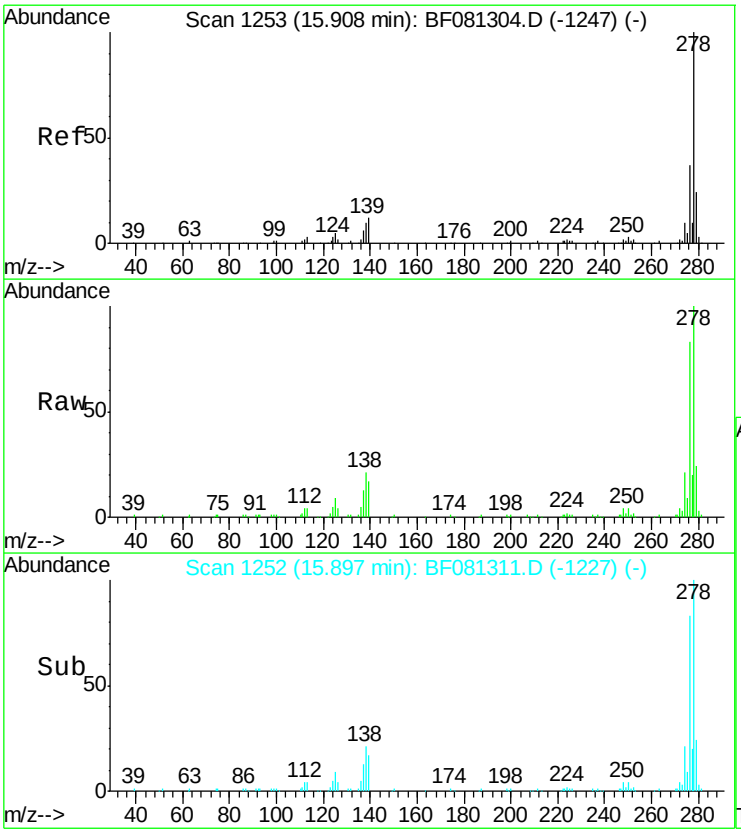
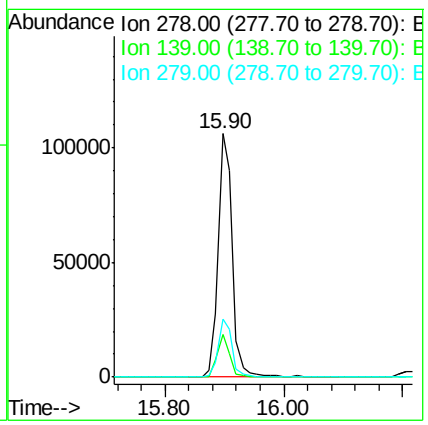


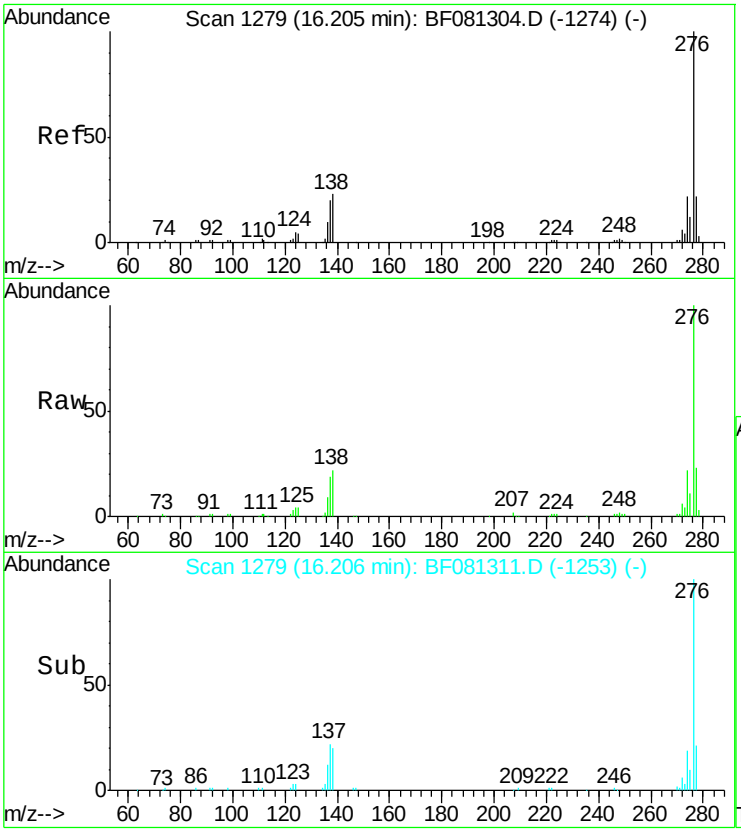


#90
Dibenzo(a,h)anthracene
Concen: 32.44 ng
RT: 15.90 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:278 Resp: 174904

Ion	Ratio	Lower	Upper
278	100		
139	17.4	26.3	39.5#
279	23.6	18.2	27.4

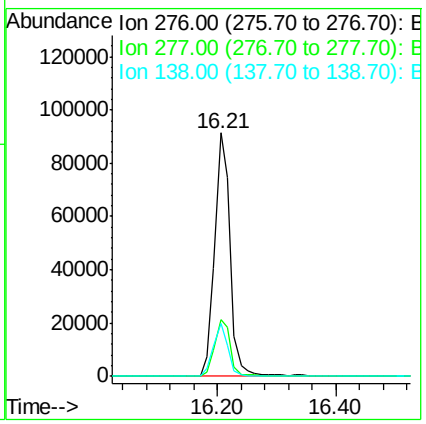




#91
Benzo(g,h,i)perylene
Concen: 32.17 ng
RT: 16.21 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:276 Resp: 165508

Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.8	26.6
138	21.8	34.6	51.8#



Instrument :
BNA_F
ClientSampleId :
PB85326BS

Manual Integrations APPROVED
MMDadoda
9/2/2015 2:10:50 PM