Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
Data File : BF083713.D
Acq On : 11 Dec 2015 23:47
Operator : UM/IZ
Sample : PB87230BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87230BS

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:22:32 PM

Quant Time: Dec 12 02:54:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 19:24:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	132923	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	547093	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	251153	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	475216	20.00	ng		0.00
75) Chrysene-d12	14.08	240	321044	20.00	ng		0.00
86) Perylene-d12	15.51	264	262469	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	902596	104.58	ng		0.01
7) Phenol-d6	6.54	99	1045923	98.12	ng		0.00
23) Nitrobenzene-d5	7.48	82	613119	76.00	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	295684	121.63	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	1205012	70.67	ng		0.00
78) Terphenyl-d14	13.02	244	1164281	81.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	121896	28.88	ng	#	86
3) Pyridine	3.38	79	325656	29.69	ng		88
4) n-Nitrosodimethylamine	3.32	42	145390	32.61	ng	#	69
6) Aniline	6.58	93	249290	17.08	ng	#	85
8) 2-Chlorophenol	6.70	128	315126	33.41	ng		96
9) Benzaldehyde	6.46	77	171285	29.17	ng		95
10) Phenol	6.56	94	363455	29.35	ng		85
11) bis(2-Chloroethyl)ether	6.66	93	325301	35.99	ng		89
12) 1,3-Dichlorobenzene	6.86	146	343751	33.02	ng		98
13) 1,4-Dichlorobenzene	6.94	146	365182	34.73	ng		96
14) 1,2-Dichlorobenzene	7.09	146	312845	32.35	ng		97
15) Benzyl Alcohol	7.06	79	267936	35.78	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	388091	31.01	ng		68
17) 2-Methylphenol	7.17	107	271431	35.65	ng	#	86
18) Hexachloroethane	7.45	117	123903	34.81	ng		100
19) n-Nitroso-di-n-propylamine	7.33	70	201541	32.44	ng		95
20) 3+4-Methylphenols	7.32	107	329319	35.14	ng	#	76
22) Acetophenone	7.33	105	435902	33.32	ng	#	95
24) Nitrobenzene	7.50	77	349236	38.70	ng	#	80
25) Isophorone	7.74	82	615251	34.12	ng		95
26) 2-Nitrophenol	7.82	139	156959	42.23	ng	#	77
27) 2,4-Dimethylphenol	7.86	122	312919	34.61	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	362018	35.11	ng	#	96
29) 2,4-Dichlorophenol	8.06	162	280143	37.47	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	282523	34.09	ng		95
31) Naphthalene	8.24	128	944692	34.98	ng		100
32) Benzoic acid	7.96	122	179993	37.82	ng		90
33) 4-Chloroaniline	8.27	127	93839m	8.35	ng		
34) Hexachlorobutadiene	8.36	225	155521	33.77	ng		97
35) Caprolactam	8.62	113	89556m	37.27	ng		
36) 4-Chloro-3-methylphenol	8.75	107	285269	34.86	ng		94
37) 2-Methylnaphthalene	8.92	142	629128	36.92	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	272519	34.78	ng	#	100
40) Hexachlorocyclopentadiene	9.08	237	288141	77.73	ng		99

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Operator : UM/IZ
Sample : PB87230BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87230BS

Manual Integrations APPROVED
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12/14/2015 6:22:32 PM

Quant Time: Dec 12 02:54:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 19:24:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	198171	36.91	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	174816	33.74	ng	#	92
45) 1,1'-Biphenyl	9.39	154	744882	34.01	ng		96
46) 2-Chloronaphthalene	9.41	162	580839	35.18	ng		99
47) 2-Nitroaniline	9.49	65	146510	36.17	ng	#	84
48) Acenaphthylene	9.82	152	938507	34.50	ng		99
49) Dimethylphthalate	9.69	163	680440	35.21	ng		98
50) 2,6-Dinitrotoluene	9.74	165	141509	37.71	ng	#	55
51) Acenaphthene	10.00	154	598945	37.18	ng		100
52) 3-Nitroaniline	9.90	138	69978	16.63	ng	#	67
53) 2,4-Dinitrophenol	10.01	184	109448	87.64	ng	#	75
54) Dibenzofuran	10.17	168	794862	37.06	ng		93
55) 4-Nitrophenol	10.06	139	295156	82.53	ng	#	70
56) 2,4-Dinitrotoluene	10.14	165	212259	44.49	ng	#	56
57) Fluorene	10.51	166	617682	36.28	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	163272	42.55	ng	#	100
59) Diethylphthalate	10.38	149	625827	34.56	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	260802	32.11	ng	#	87
61) 4-Nitroaniline	10.51	138	129188	33.12	ng		95
62) Azobenzene	10.66	77	595545	34.54	ng		97
64) 4,6-Dinitro-2-methylphenol	10.54	198	82928	43.39	ng	#	83
65) n-Nitrosodiphenylamine	10.61	169	542771	34.41	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	177424	34.93	ng		94
67) Hexachlorobenzene	11.06	284	202680	36.63	ng		94
68) Atrazine	11.14	200	156991	34.90	ng		98
69) Pentachlorophenol	11.24	266	229522	74.34	ng		99
70) Phenanthrene	11.47	178	962429	37.10	ng		100
71) Anthracene	11.52	178	886093	33.09	ng		99
72) Carbazole	11.66	167	819231	33.32	ng	#	96
73) Di-n-butylphthalate	12.01	149	981613	36.64	ng		100
74) Fluoranthene	12.65	202	907119	33.42	ng		96
76) Benzidine	12.76	184	217563	17.58	ng		99
77) Pyrene	12.88	202	952143	37.61	ng		98
79) Butylbenzylphthalate	13.49	149	342721	42.23	ng	#	89
80) Benzo(a)anthracene	14.06	228	713896	37.95	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	106736	17.85	ng		98
82) Chrysene	14.10	228	699896	38.69	ng		100
83) Bis(2-ethylhexyl)phthalate	14.06	149	355616	40.51	ng		99
84) Di-n-octyl phthalate	14.67	149	492485	37.12	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.93	276	645289	33.84	ng	#	100
87) Benzo(b)fluoranthene	15.09	252	562628	34.49	ng		98
88) Benzo(k)fluoranthene	15.12	252	543068m	34.91	ng		
89) Benzo(a)pyrene	15.45	252	537914	36.26	ng		99
90) Dibenzo(a,h)anthracene	16.96	278	543996	37.02	ng		97
91) Benzo(g,h,i)perylene	17.37	276	571388	36.87	ng		99

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

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
Data File : BF083713.D
Acq On : 11 Dec 2015 23:47
Operator : UM/IZ
Sample : PB87230BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 12 02:54:05 2015
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Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB87230BS

Manual Integrations APPROVED
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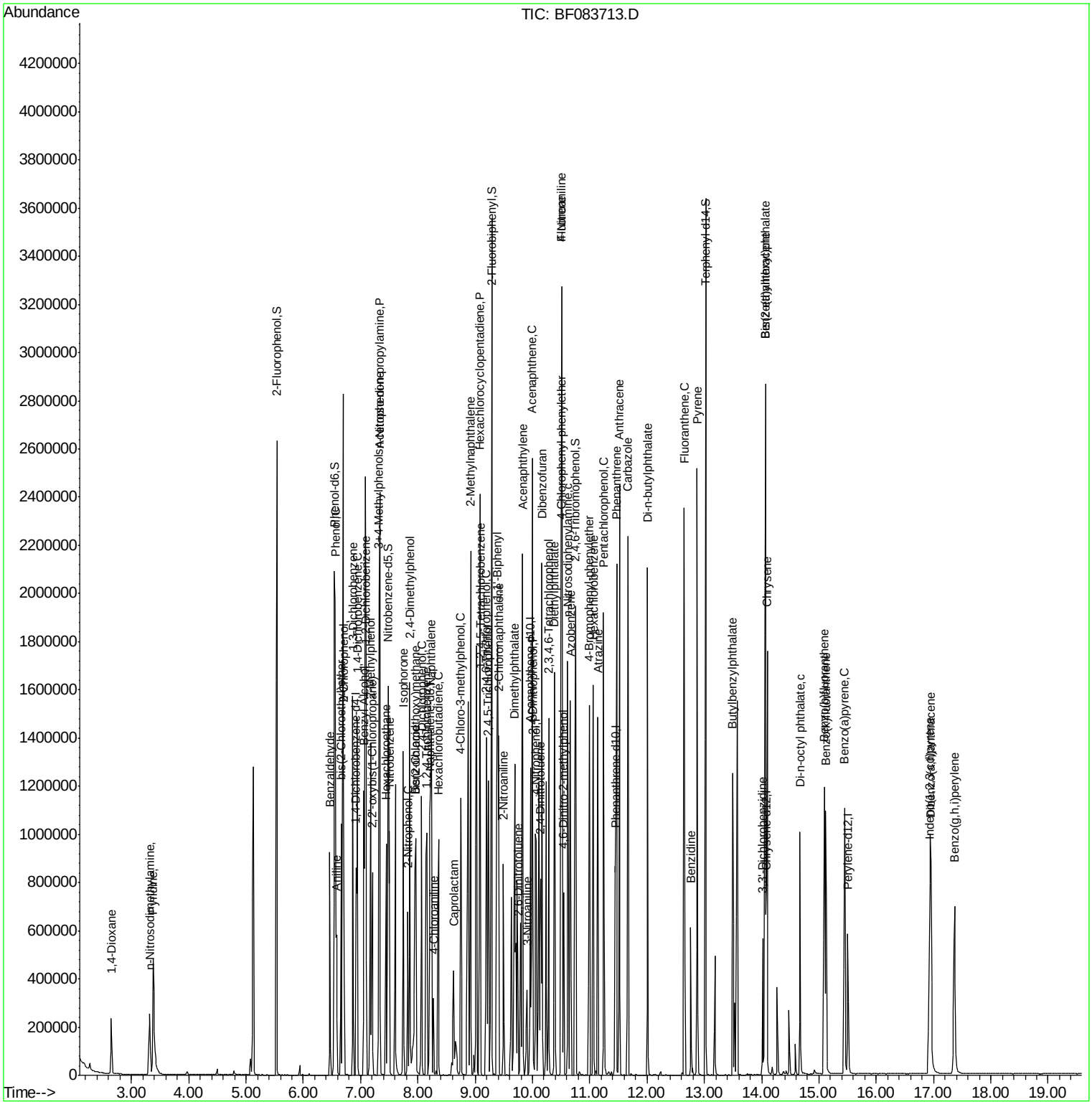
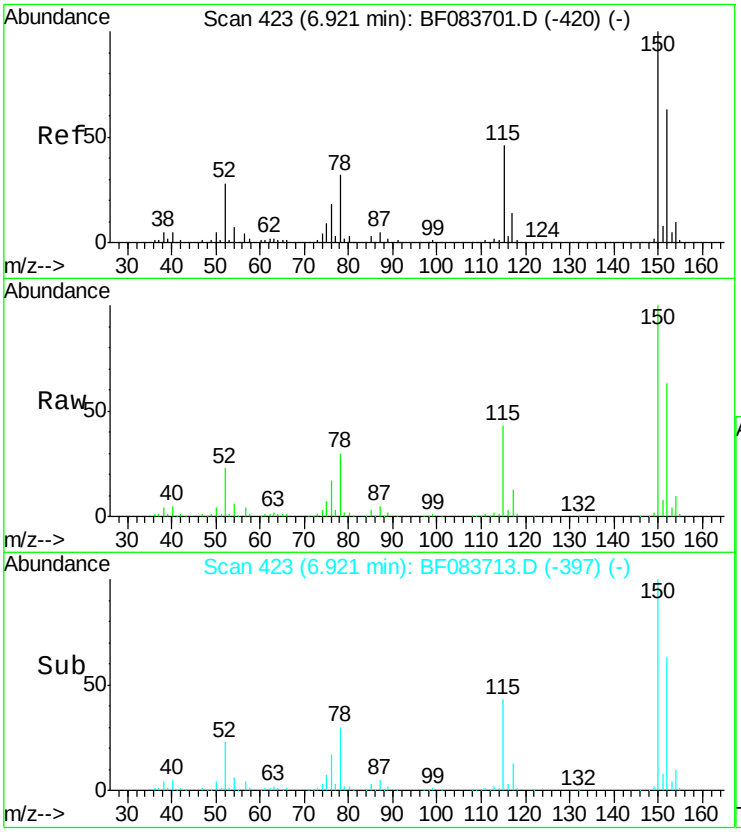
12/14/2015 6:22:32 PM

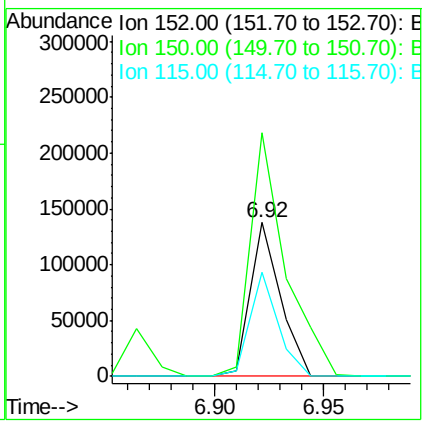




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:152 Resp: 132923

Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.5	189.7
115	67.6	52.3	78.5



Instrument :
BNA_F
ClientSampleId :
PB87230BS

Manual Integrations APPROVED
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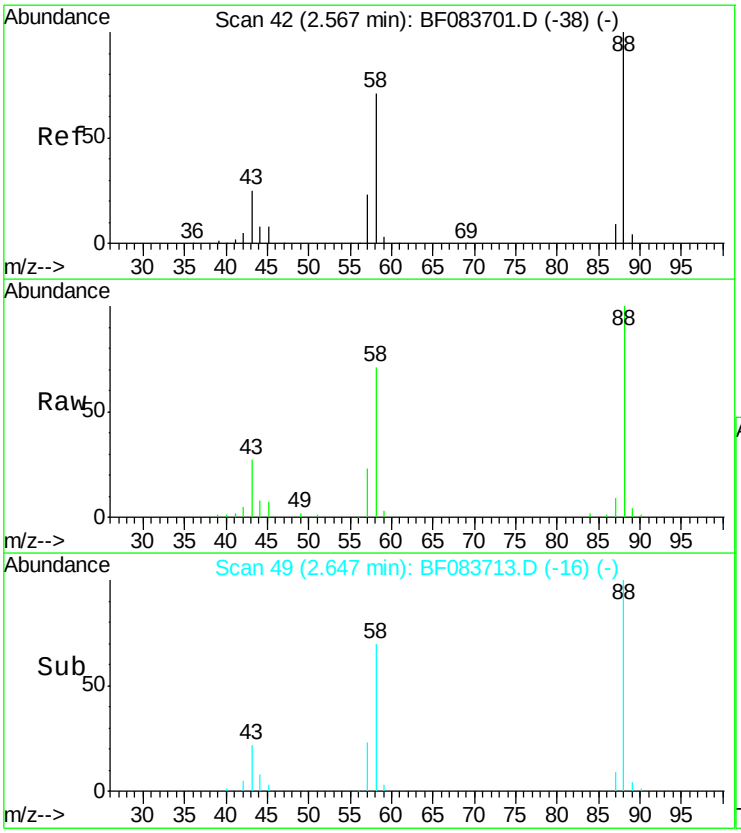
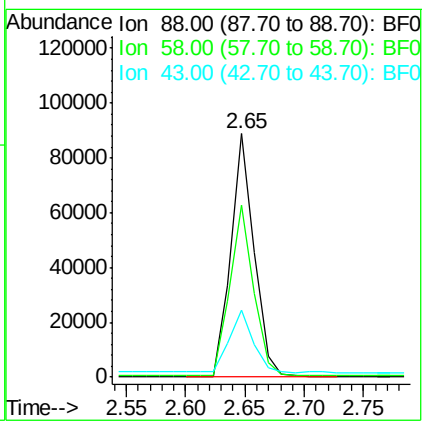
12/14/2015 6:22:32 PM

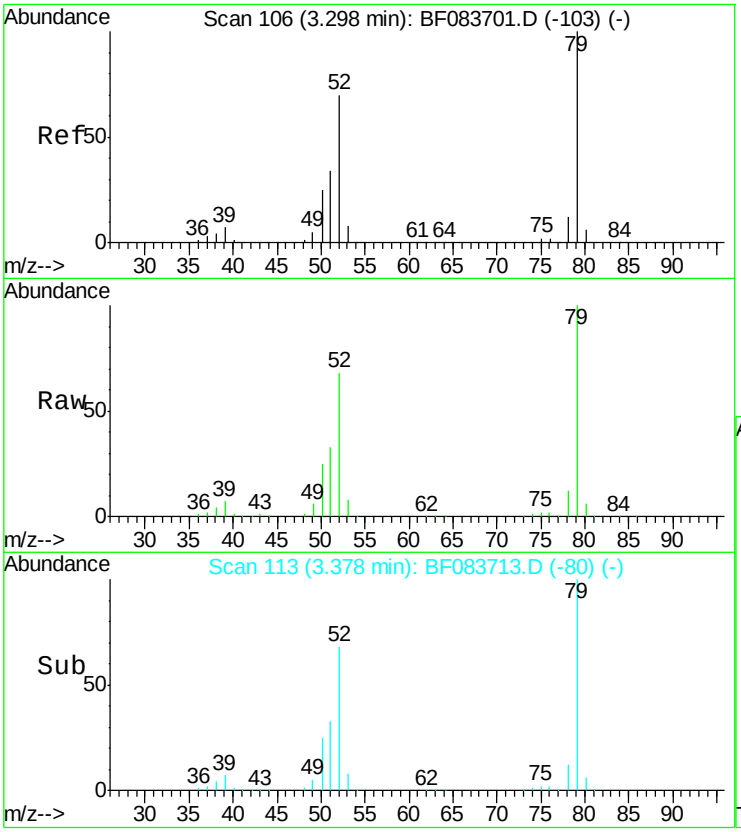


#2
1,4-Dioxane
Concen: 28.88 ng
RT: 2.65 min Scan# 49
Delta R.T. 0.08 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion: 88 Resp: 121896

Ion	Ratio	Lower	Upper
88	100		
58	71.3	68.0	102.0
43	27.7	27.9	41.9#

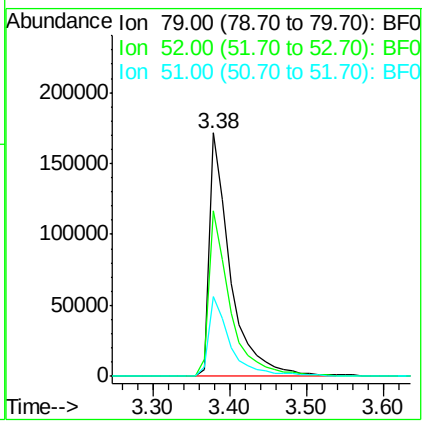




#3
Pyridine
Concen: 29.69 ng
RT: 3.38 min Scan# 113
Delta R.T. 0.08 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion: 79 Resp: 325656

Ion	Ratio	Lower	Upper
79	100		
52	67.8	63.7	95.5
51	32.6	30.6	45.8



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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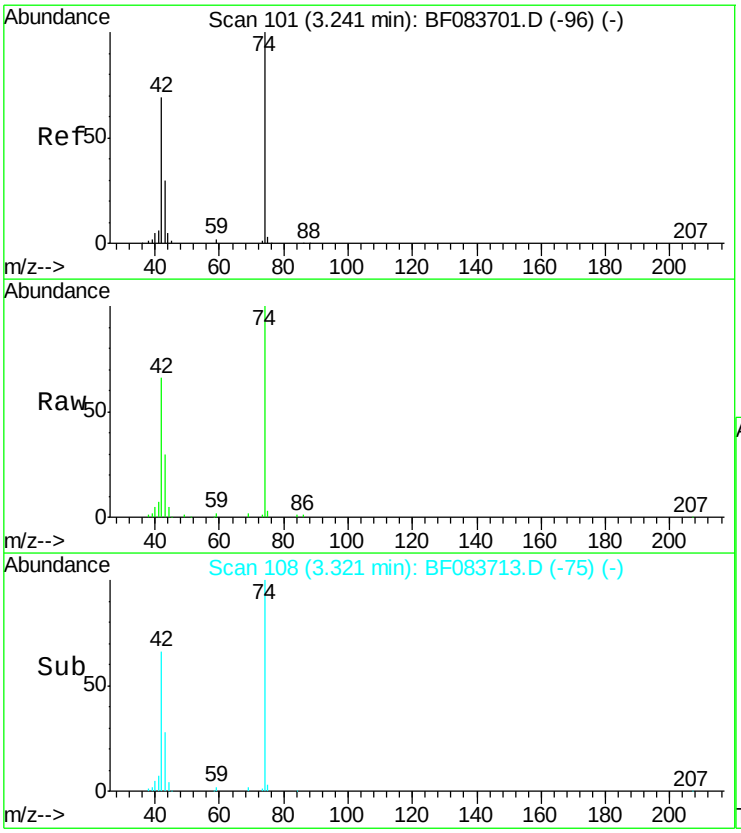
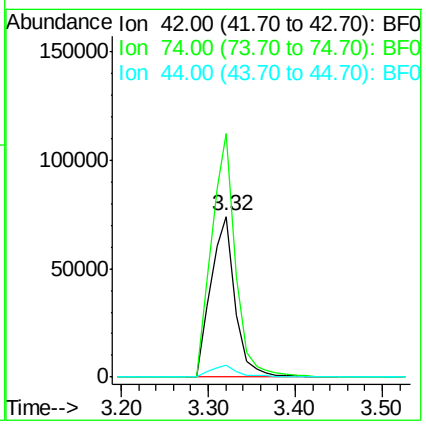
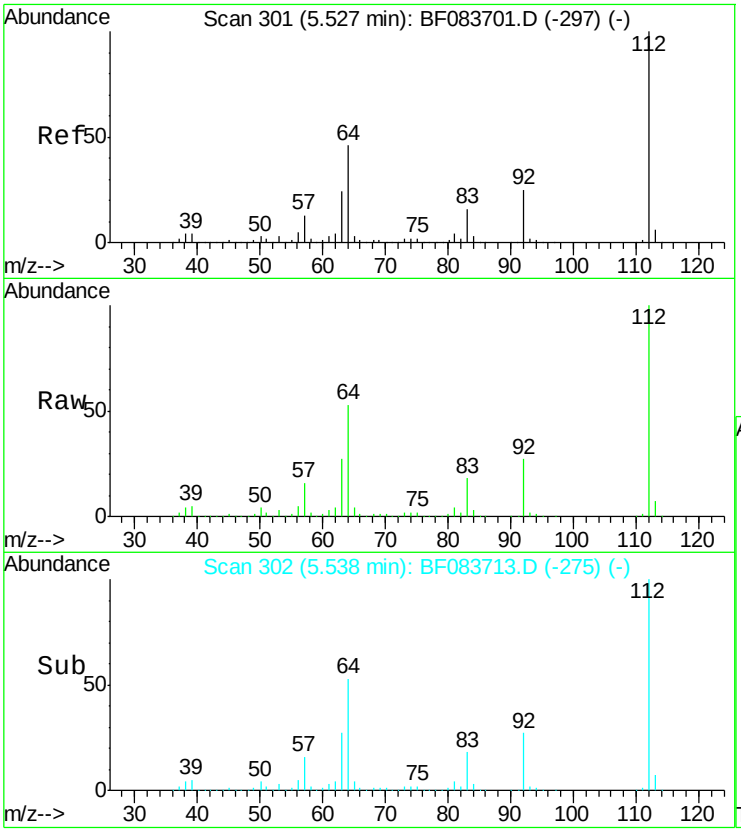


#4
n-Nitrosodimethylamine
Concen: 32.61 ng
RT: 3.32 min Scan# 108
Delta R.T. 0.08 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion: 42 Resp: 145390

Ion	Ratio	Lower	Upper
42	100		
74	151.8	92.9	139.3#
44	7.2	5.7	8.5

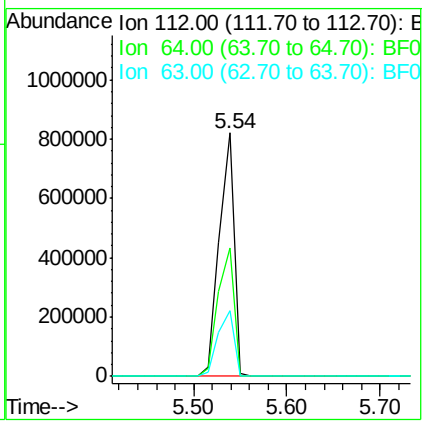




#5
2-Fluorophenol
Concen: 104.58 ng
RT: 5.54 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:112 Resp: 902596

Ion	Ratio	Lower	Upper
112	100		
64	52.6	50.5	75.7
63	26.9	25.8	38.6



Instrument :
BNA_F
ClientSampleId :
PB87230BS

Manual Integrations APPROVED
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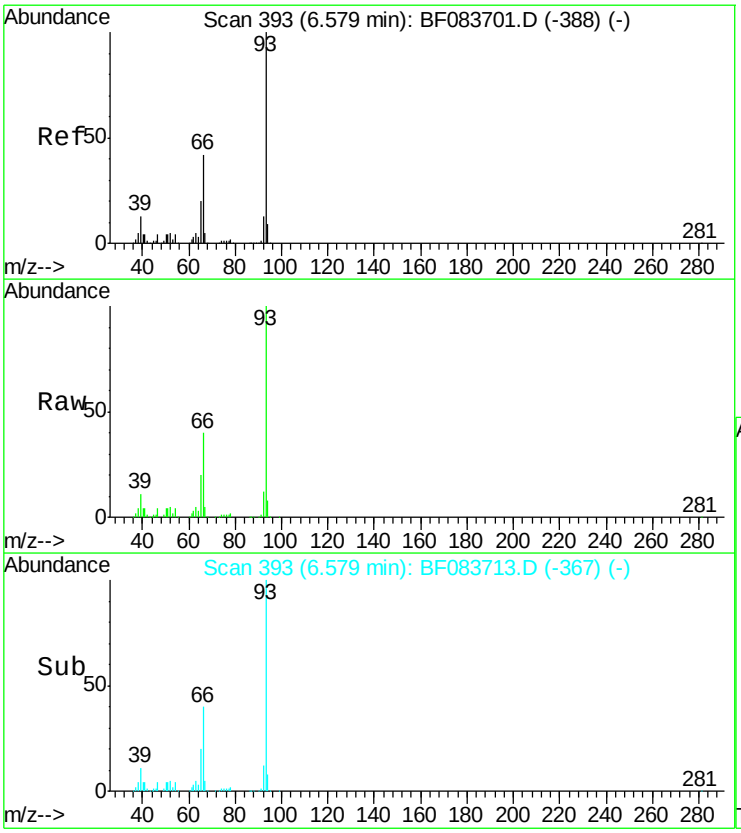
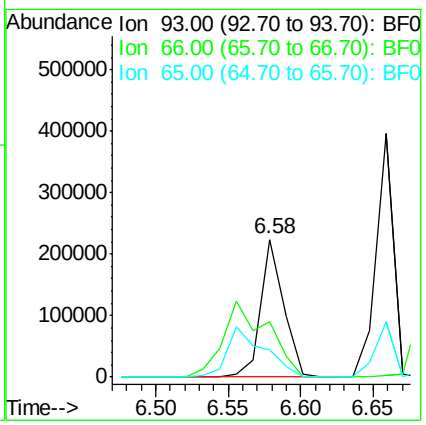
12/14/2015 6:22:32 PM

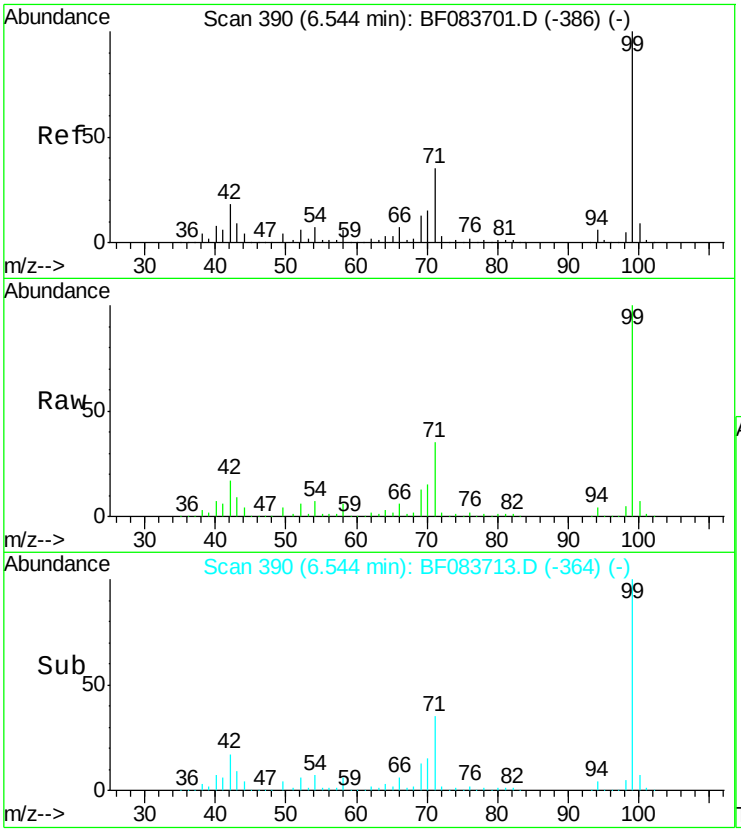


#6
Aniline
Concen: 17.08 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion: 93 Resp: 249290

Ion	Ratio	Lower	Upper
93	100		
66	40.3	41.3	61.9#
65	19.7	20.8	31.2#

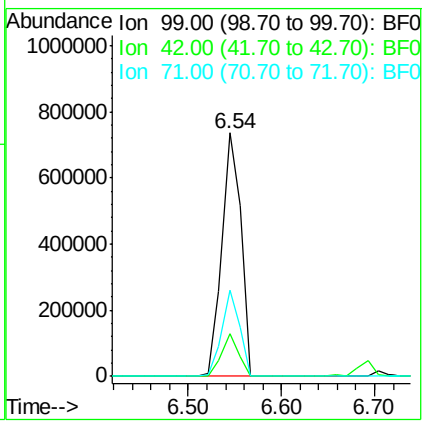




#7
Phenol-d6
Concen: 98.12 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion: 99 Resp: 1045923

Ion	Ratio	Lower	Upper
99	100		
42	17.5	17.3	25.9
71	35.1	26.6	40.0



Instrument :
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ClientSampleId :
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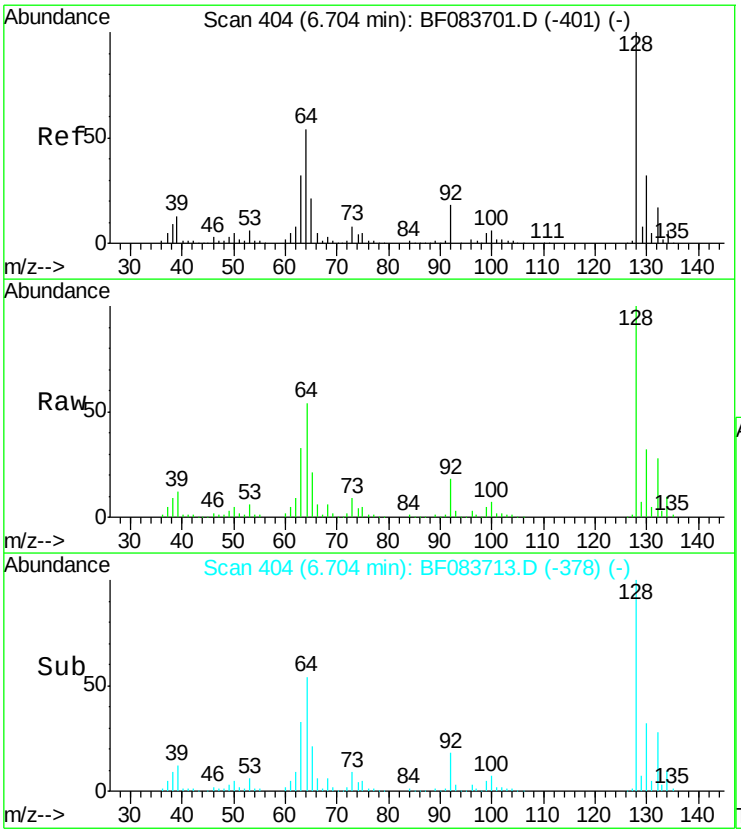
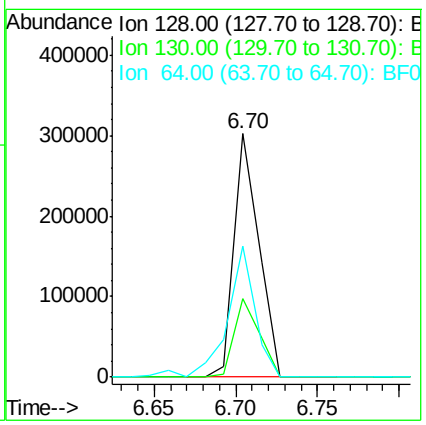
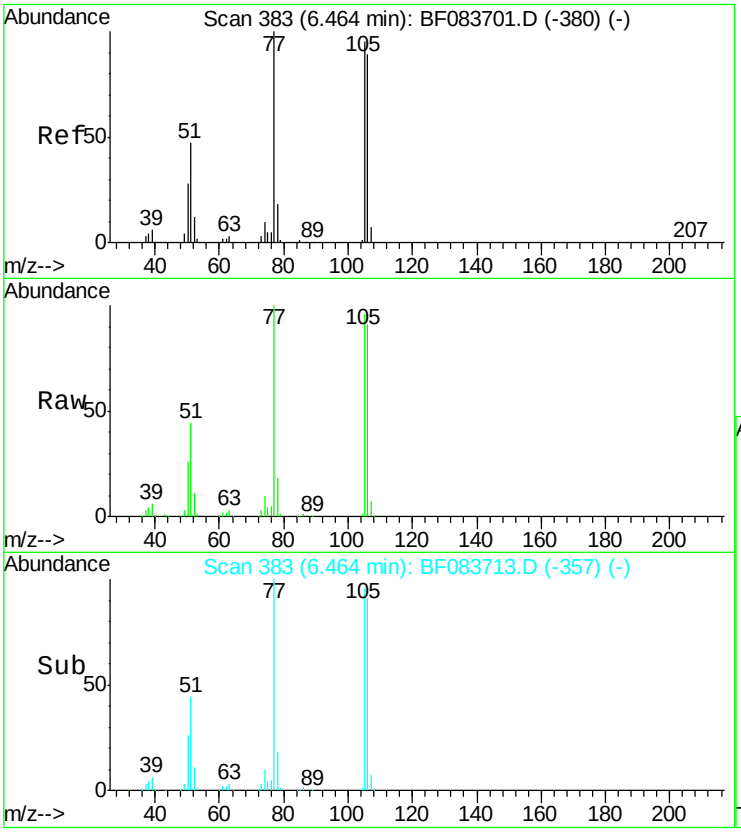


#8
2-Chlorophenol
Concen: 33.41 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:128 Resp: 315126

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.6	52.6
64	53.9	38.6	78.6

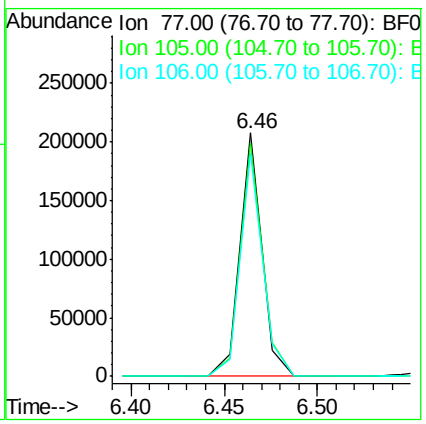




#9
Benzaldehyde
Concen: 29.17 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion: 77 Resp: 171285

Ion	Ratio	Lower	Upper
77	100		
105	96.0	71.8	111.8
106	91.5	66.8	106.8



Instrument :
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ClientSampleId :
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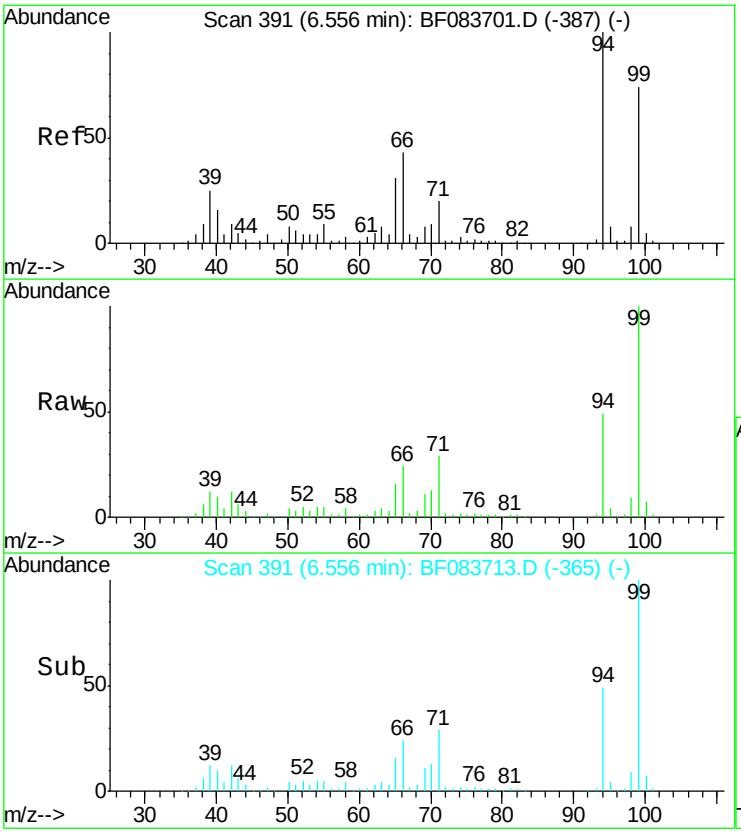
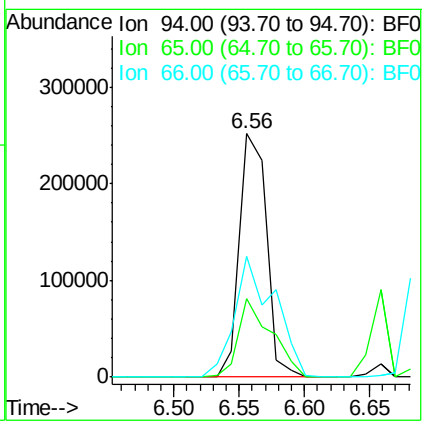
Manual Integrations APPROVED
MMdadoda
12/14/2015 6:22:32 PM

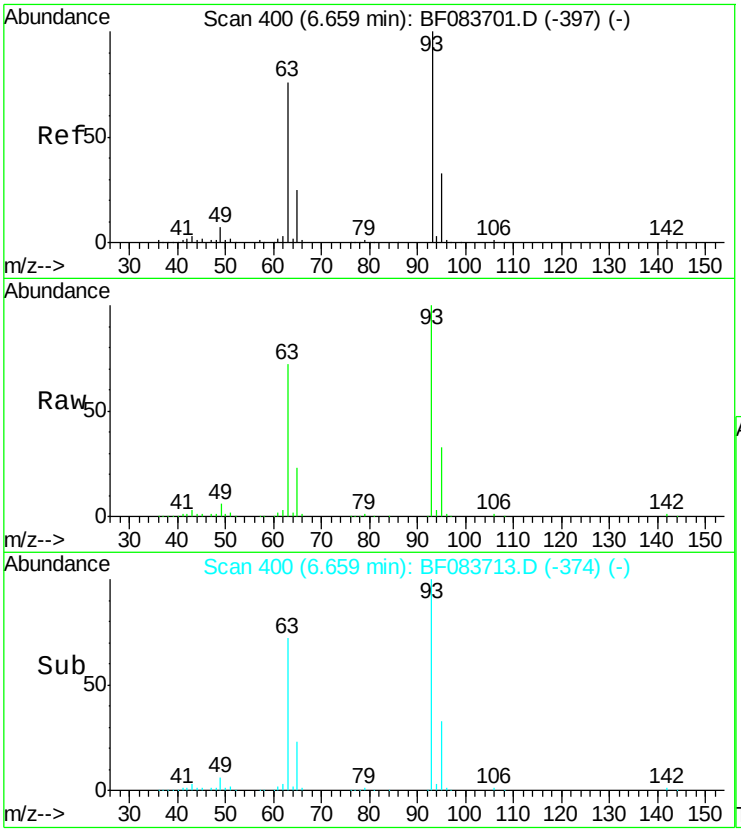


#10
Phenol
Concen: 29.35 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion: 94 Resp: 363455

Ion	Ratio	Lower	Upper
94	100		
65	32.5	20.9	60.9
66	49.4	41.6	81.6

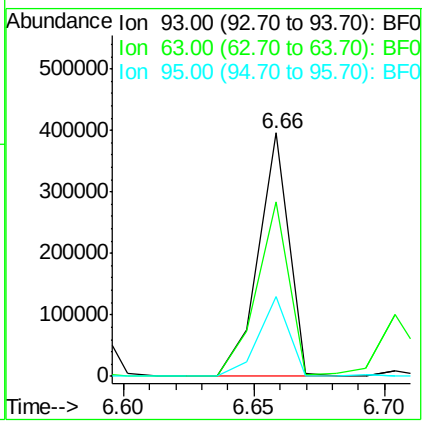




#11
bis(2-Chloroethyl)ether
Concen: 35.99 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion: 93 Resp: 325301

Ion	Ratio	Lower	Upper
93	100		
63	71.5	64.7	104.7
95	32.5	12.7	52.7



Instrument :
BNA_F
ClientSampleId :
PB87230BS

Manual Integrations APPROVED
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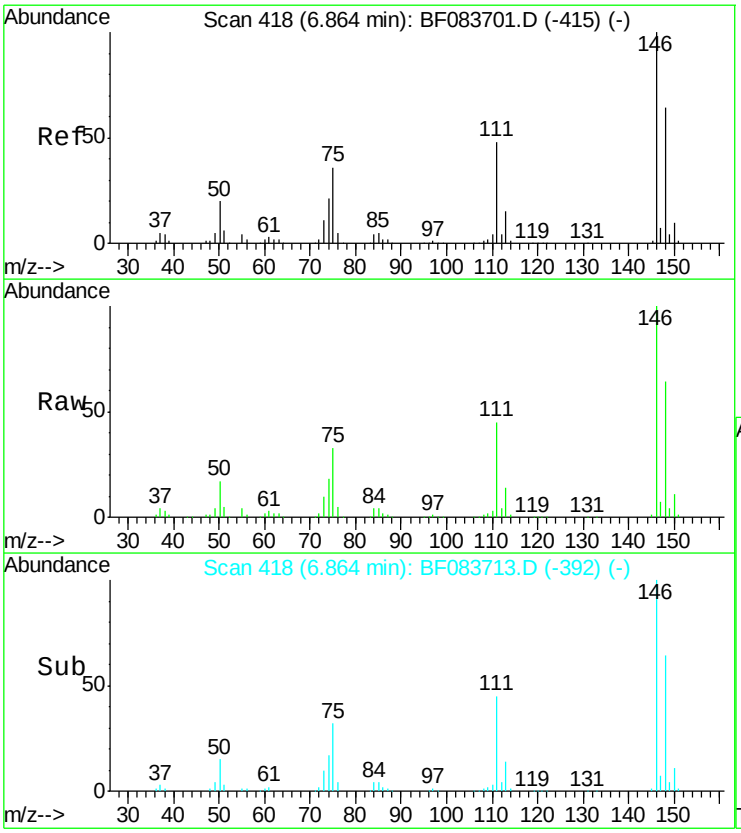
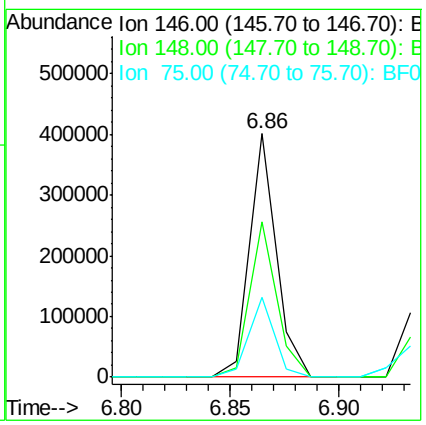
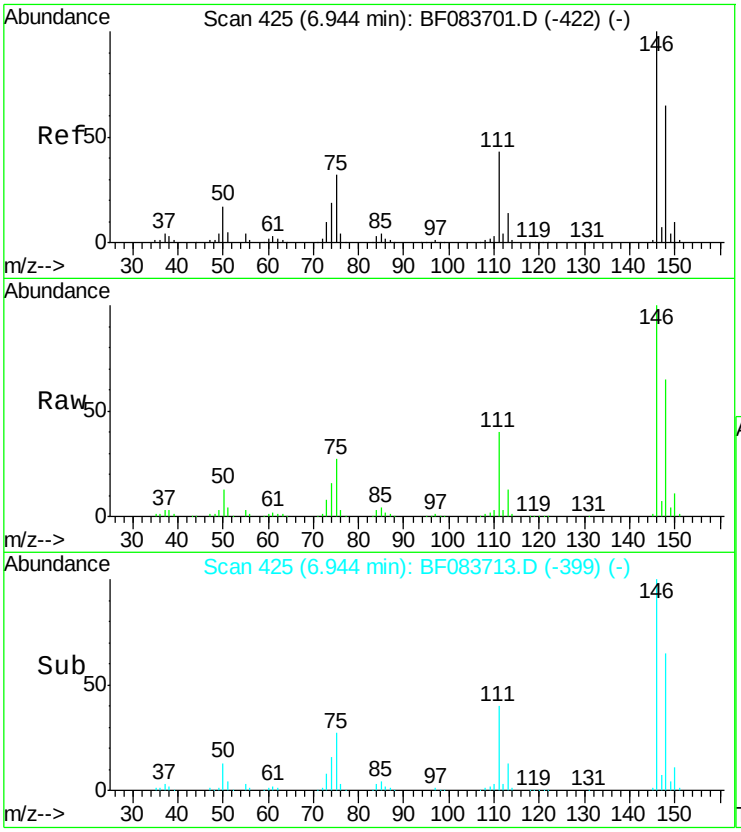


#12
1,3-Dichlorobenzene
Concen: 33.02 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:146 Resp: 343751

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.3	76.9
75	32.9	24.1	36.1

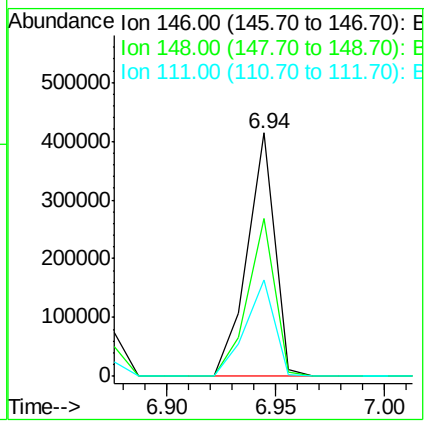




#13
1,4-Dichlorobenzene
Concen: 34.73 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:146 Resp: 365182

Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	76.0
111	39.7	36.1	54.1



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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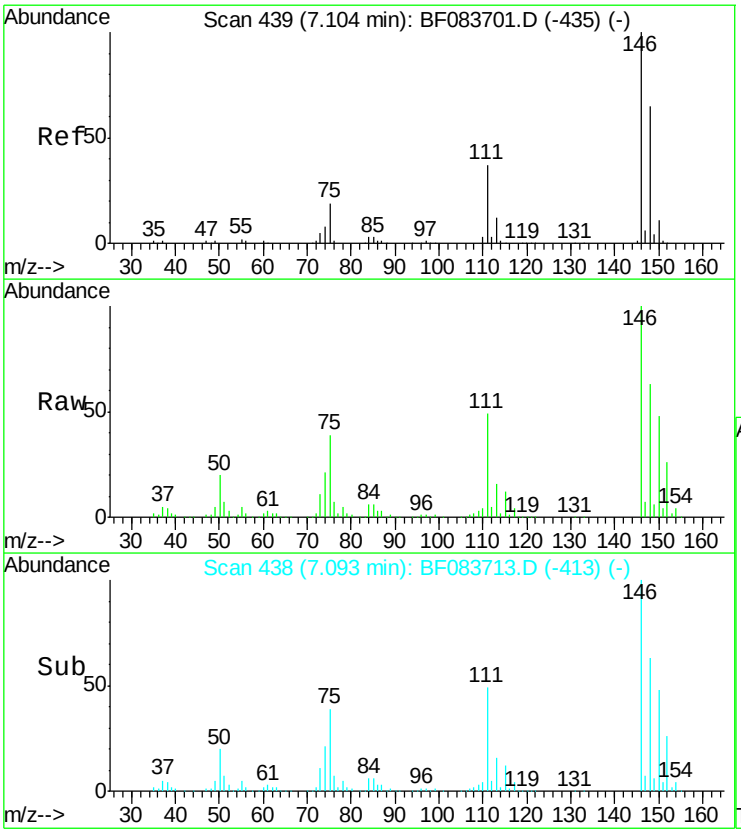
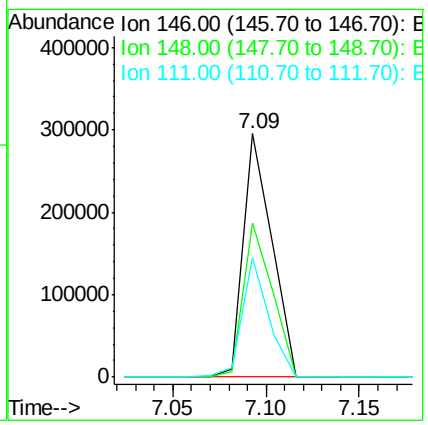
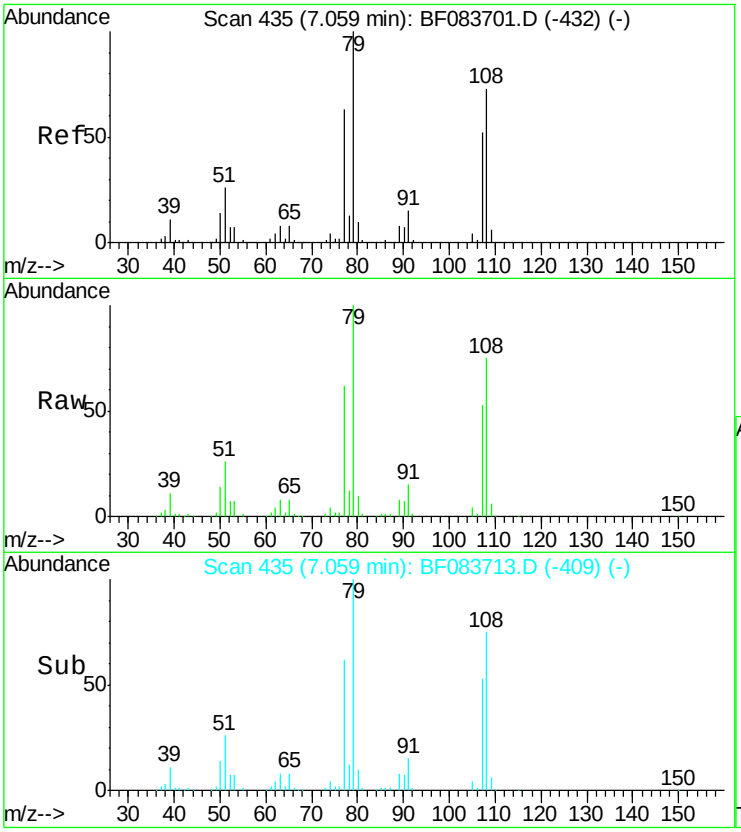


#14
1,2-Dichlorobenzene
Concen: 32.35 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:146 Resp: 312845

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
111	49.0	36.7	55.1





#15
Benzyl Alcohol
Concen: 35.78 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion: 79 Resp: 267936

Ion	Ratio	Lower	Upper
79	100		
108	75.5	59.6	89.4
77	62.5	49.8	74.6

Instrument :
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ClientSampleId :
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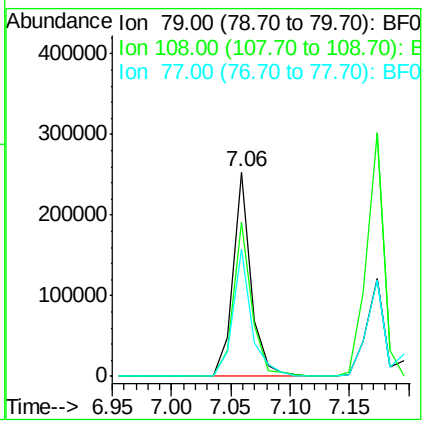
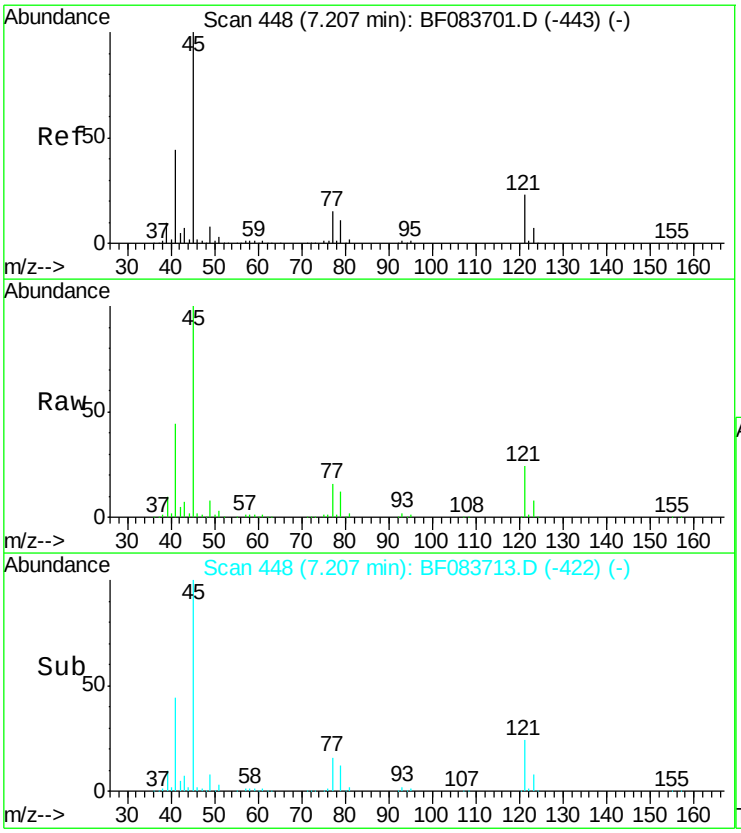
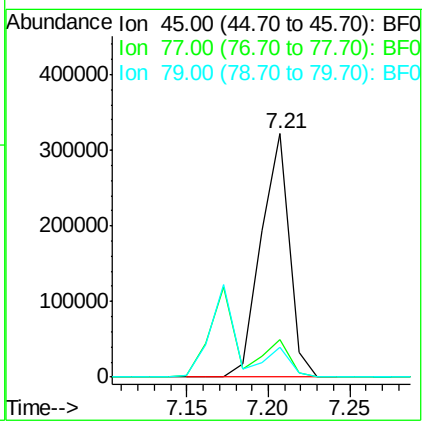


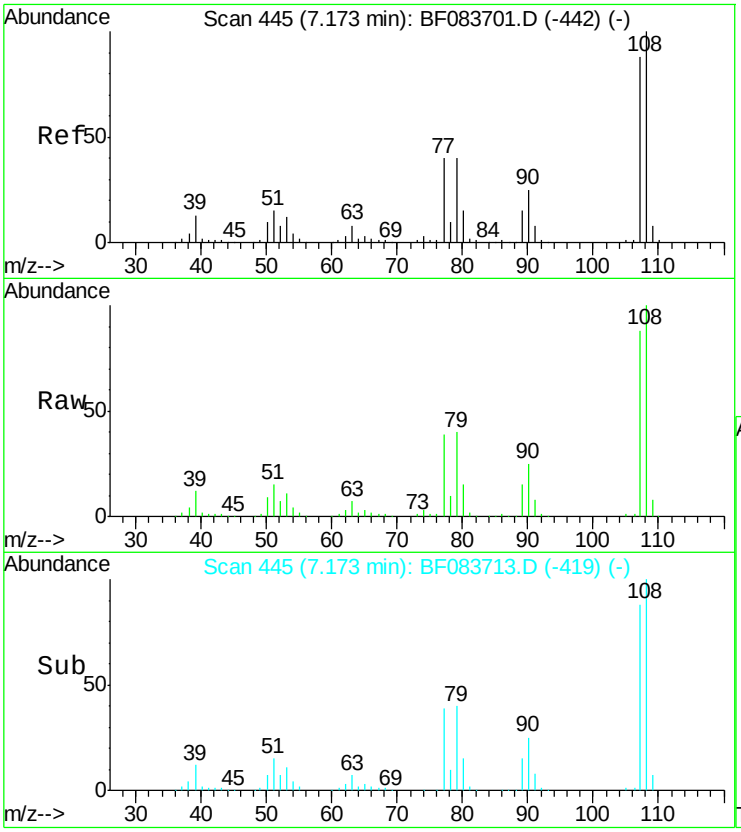


#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.01 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion: 45 Resp: 388091

Ion	Ratio	Lower	Upper
45	100		
77	15.7	12.8	52.8
79	12.2	10.7	50.7

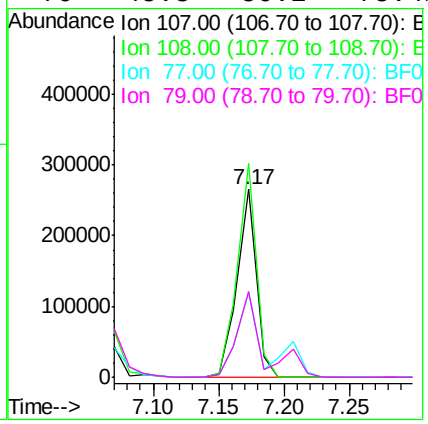




#17
2-Methylphenol
Concen: 35.65 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:107 Resp: 271431

Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.6	137.4
77	44.7	53.7	80.5#
79	45.8	50.2	75.4#



Instrument :
BNA_F
ClientSampleId :
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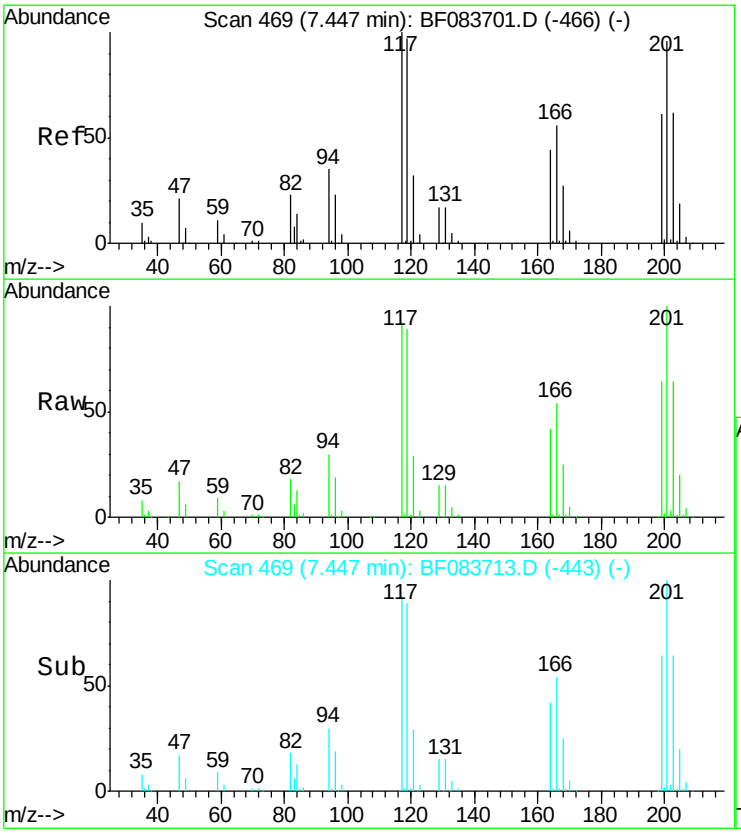
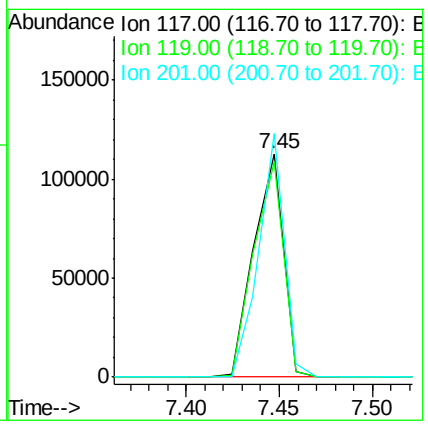
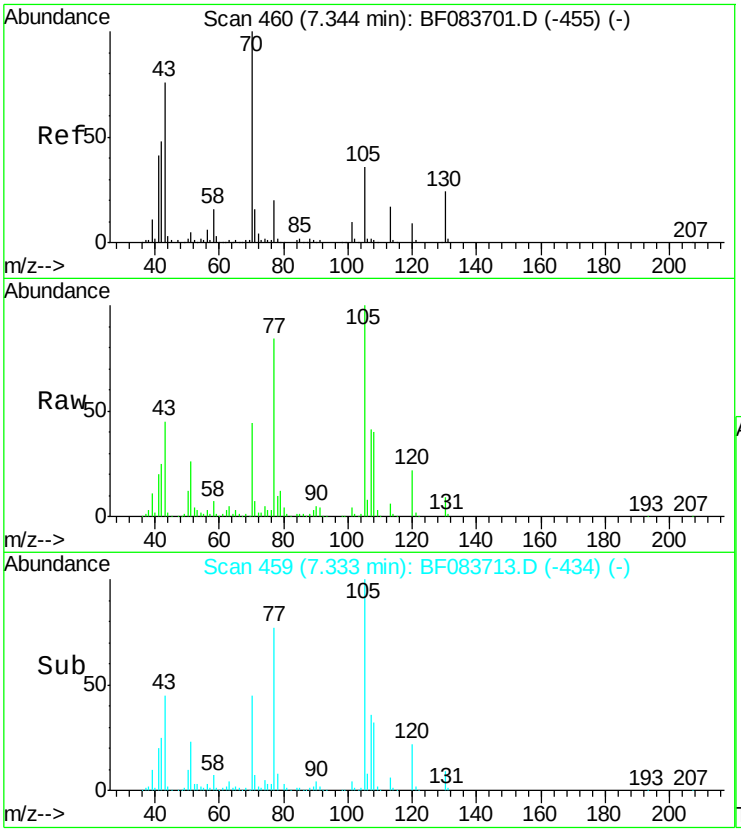


#18
Hexachloroethane
Concen: 34.81 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:117 Resp: 123903

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.2	115.8
201	108.9	86.8	130.2

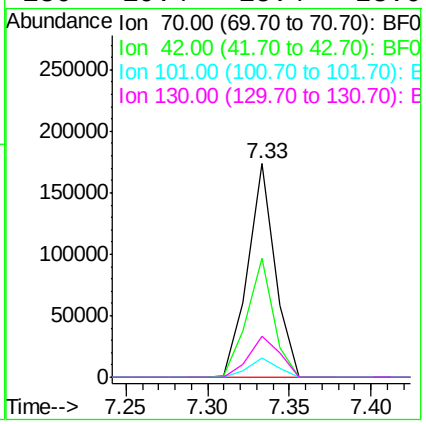




#19
n-Nitroso-di-n-propylamine
Concen: 32.44 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion: 70 Resp: 201541

Ion	Ratio	Lower	Upper
70	100		
42	55.6	49.2	73.8
101	9.2	7.1	10.7
130	19.4	15.4	23.0



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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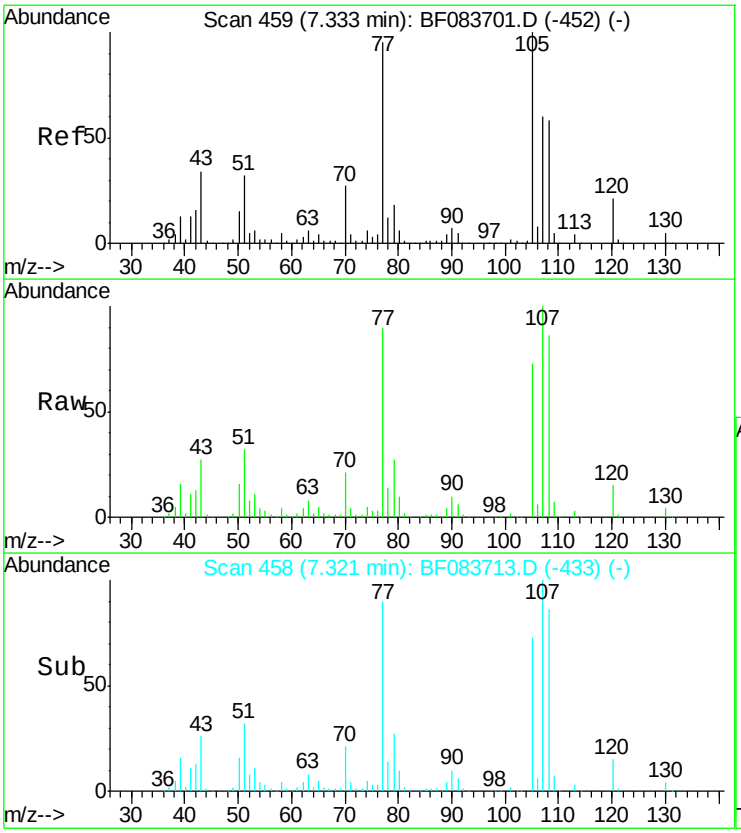
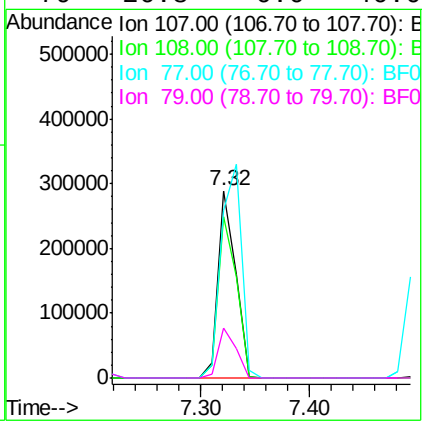
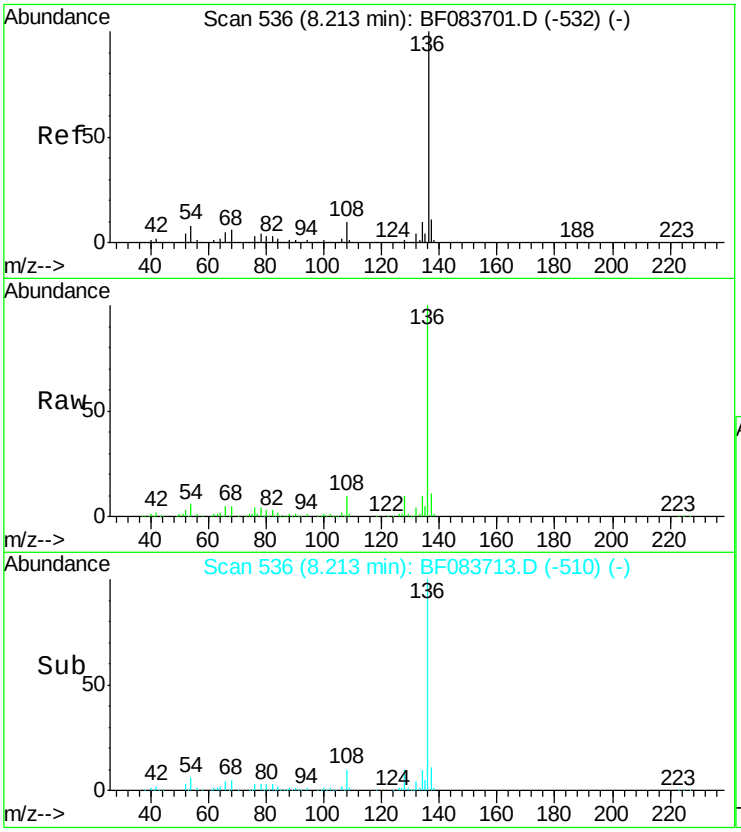


#20
3+4-Methylphenols
Concen: 35.14 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:107 Resp: 329319

Ion	Ratio	Lower	Upper
107	100		
108	86.5	65.2	105.2
77	89.5	15.2	55.2#
79	26.8	6.0	46.0

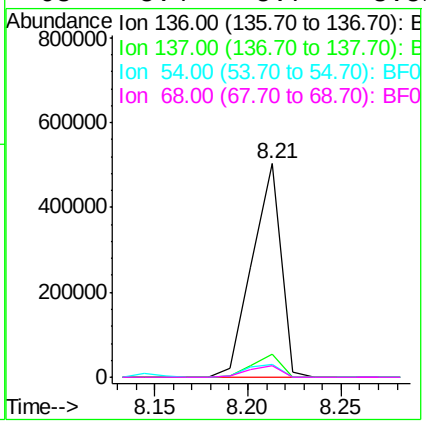




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:136 Resp: 547093

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.1	7.8	11.6#
68	5.4	5.7	8.5#



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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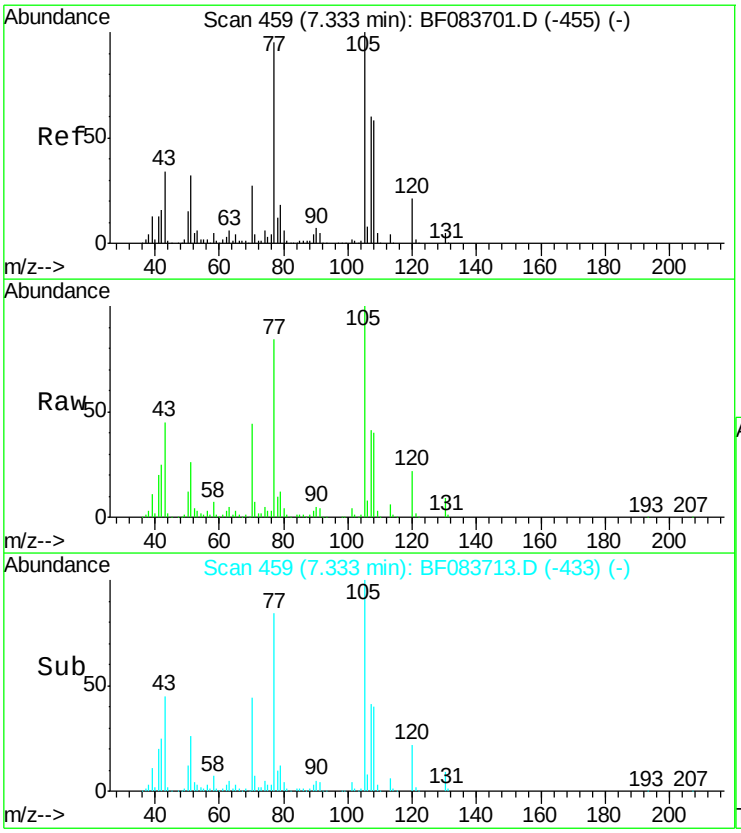
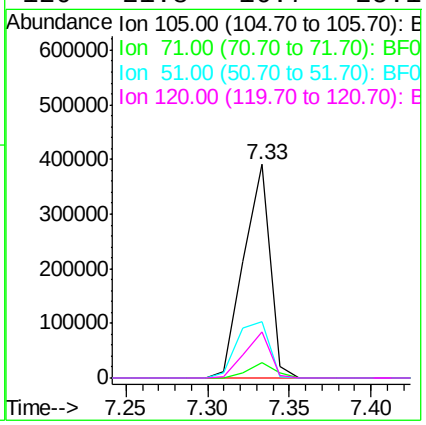
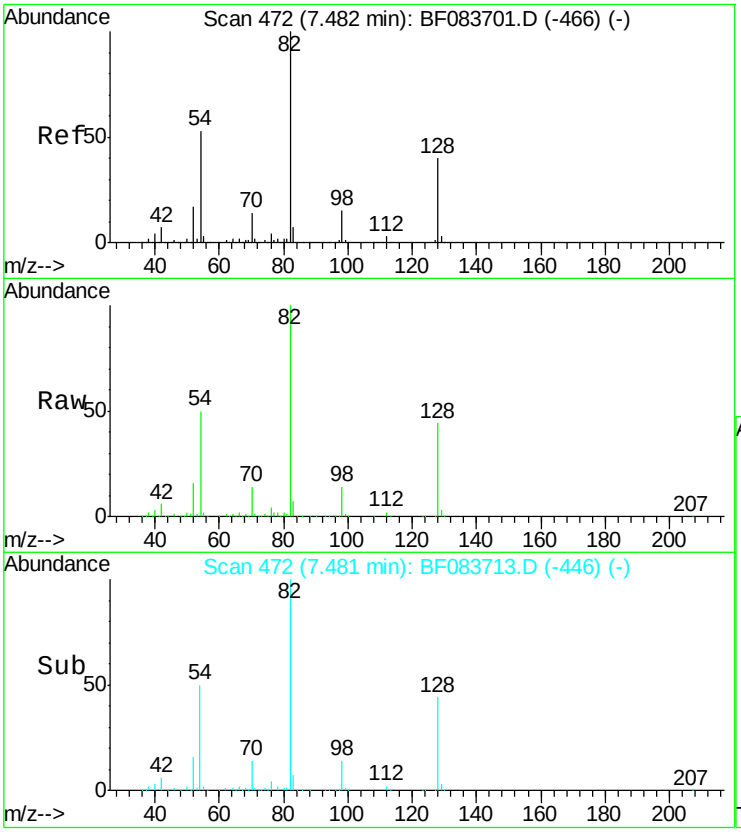


#22
Acetophenone
Concen: 33.32 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:105 Resp: 435902

Ion	Ratio	Lower	Upper
105	100		
71	7.3	1.3	1.9#
51	26.3	23.8	35.8
120	21.8	16.7	25.1

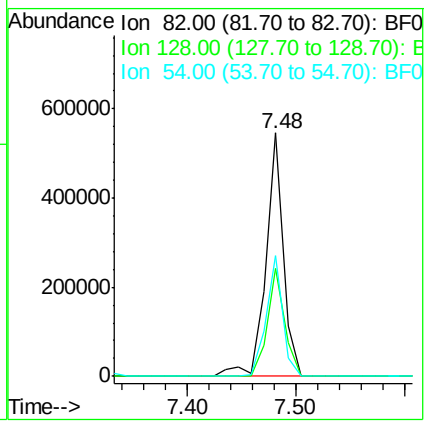




#23
Nitrobenzene-d5
Concen: 76.00 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion: 82 Resp: 613119

Ion	Ratio	Lower	Upper
82	100		
128	44.2	30.7	46.1
54	49.7	42.5	63.7



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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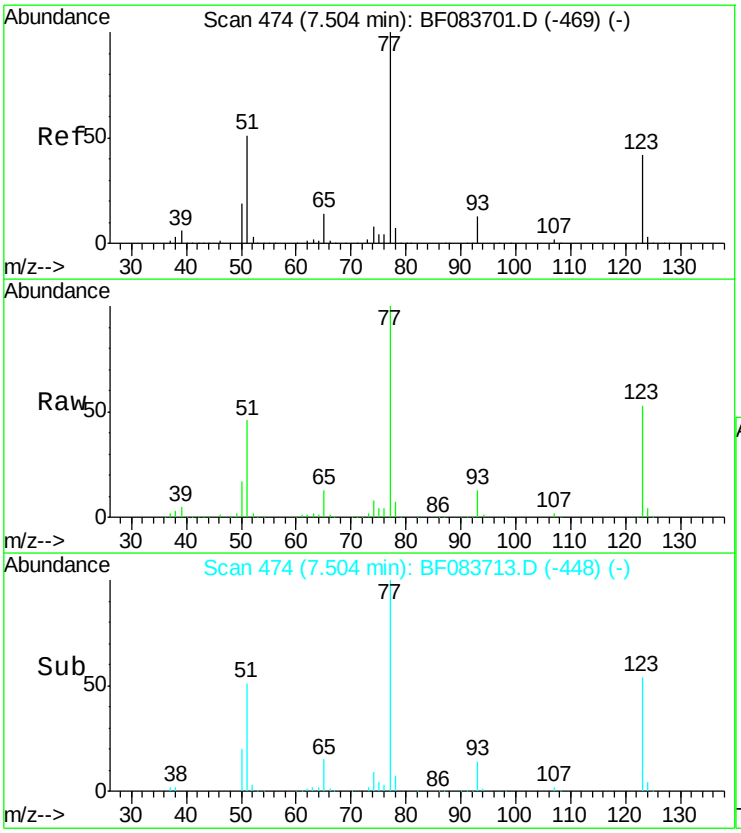
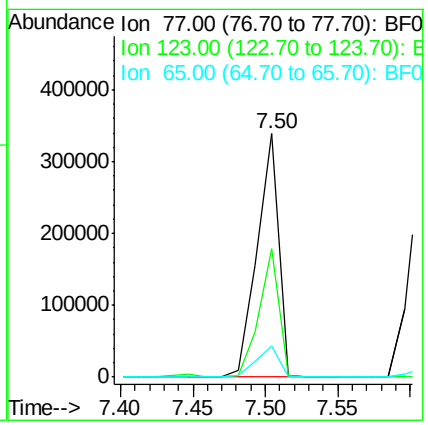
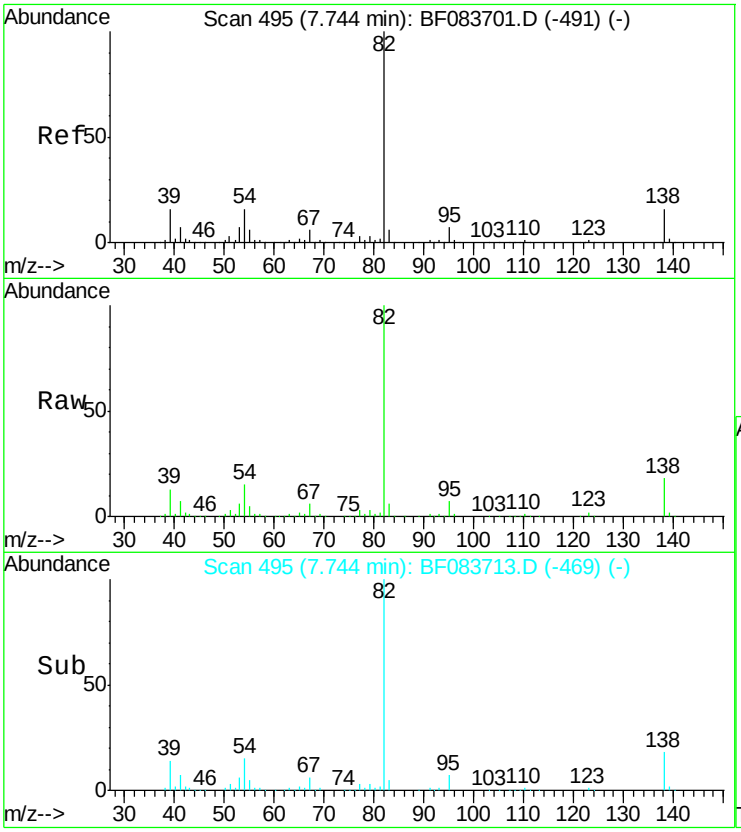


#24
Nitrobenzene
Concen: 38.70 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion: 77 Resp: 349236

Ion	Ratio	Lower	Upper
77	100		
123	52.9	29.8	44.6#
65	12.9	11.1	16.7

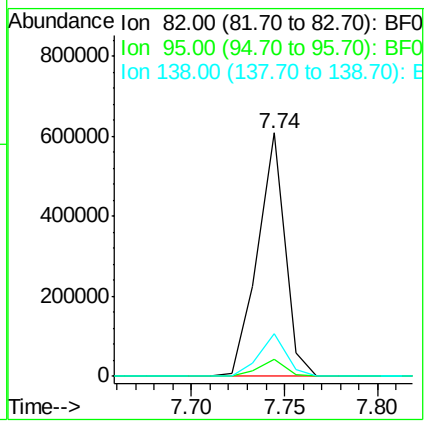




#25
Isophorone
Concen: 34.12 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion: 82 Resp: 615251

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.0	7.4
138	17.7	12.1	18.1



Instrument :
BNA_F
ClientSampleId :
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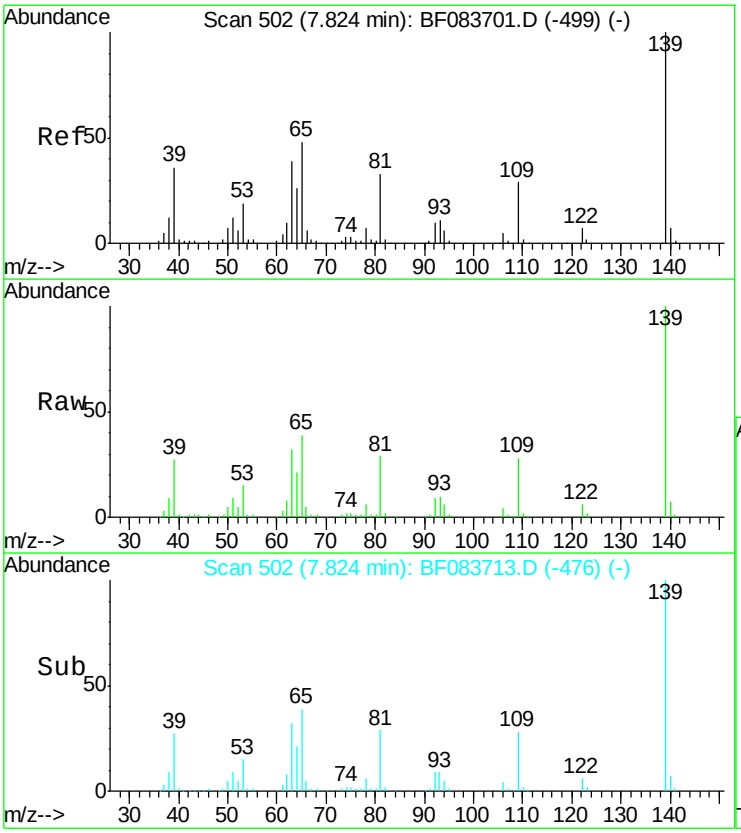
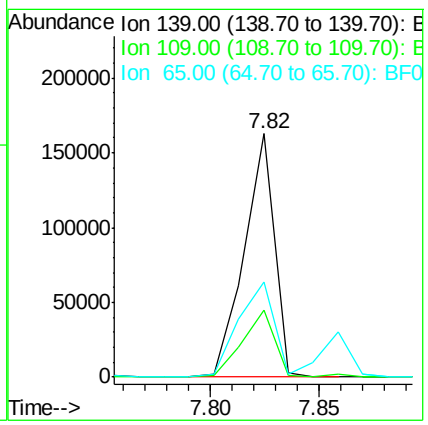
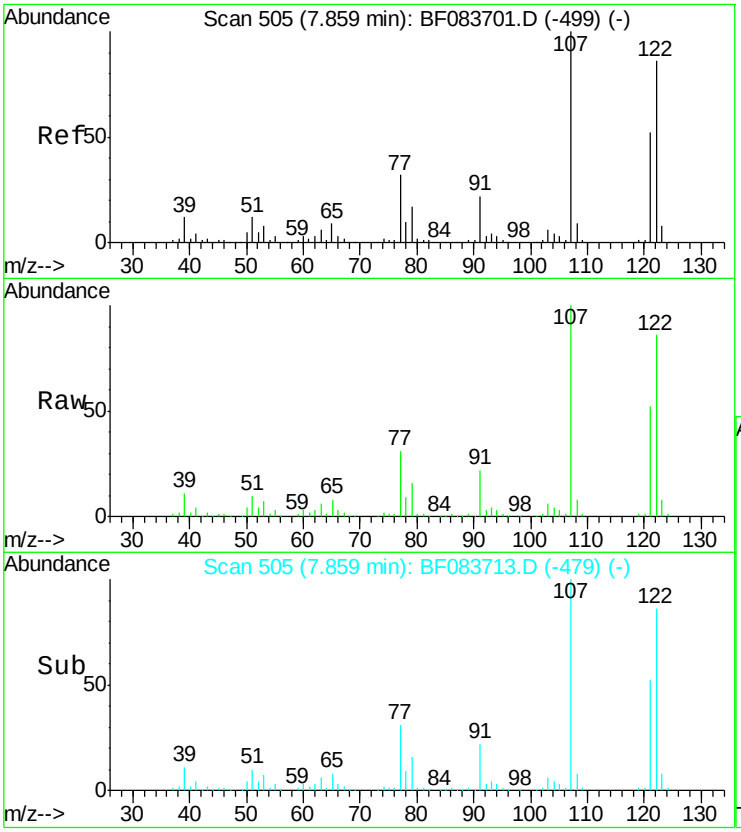


#26
2-Nitrophenol
Concen: 42.23 ng
RT: 7.82 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:139 Resp: 156959

Ion	Ratio	Lower	Upper
139	100		
109	27.7	22.7	34.1
65	39.2	51.8	77.8#

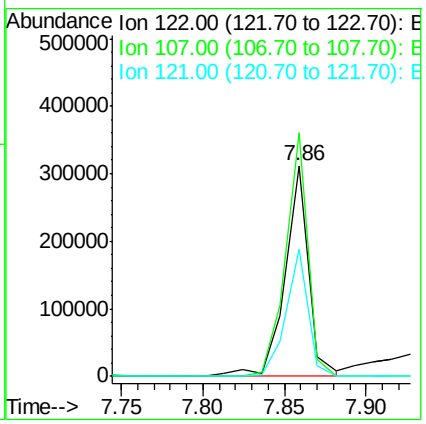




#27
2,4-Dimethylphenol
Concen: 34.61 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:122 Resp: 312919

Ion	Ratio	Lower	Upper
122	100		
107	115.7	92.4	138.6
121	60.6	45.8	68.6



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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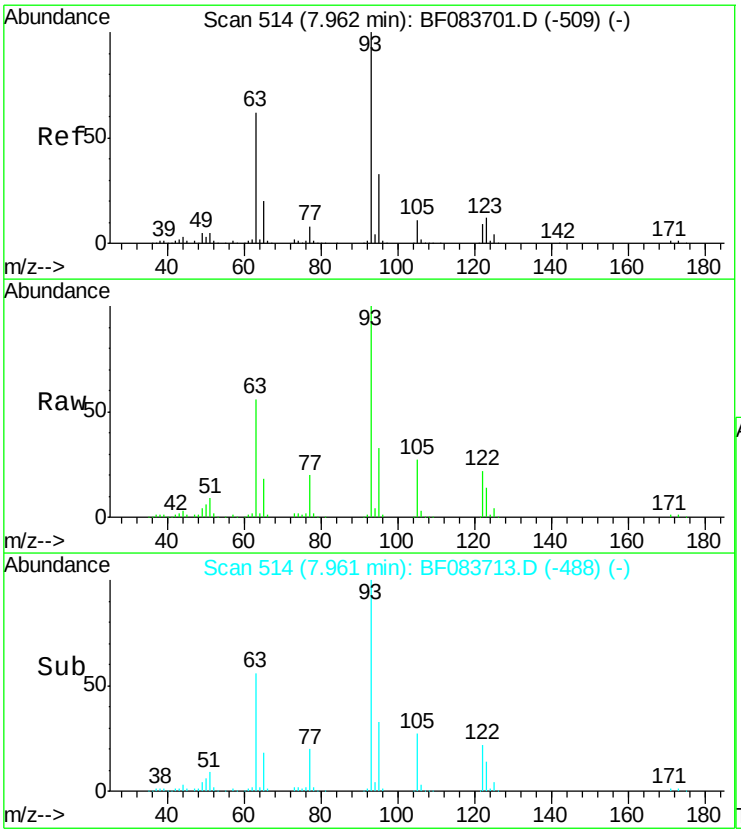
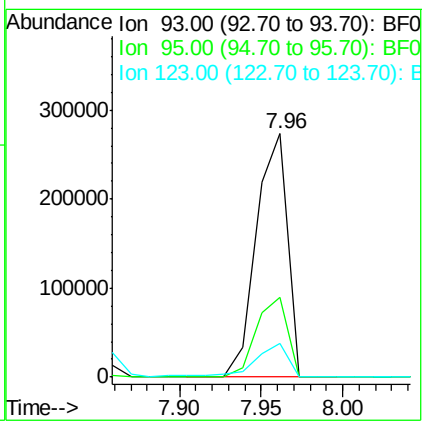
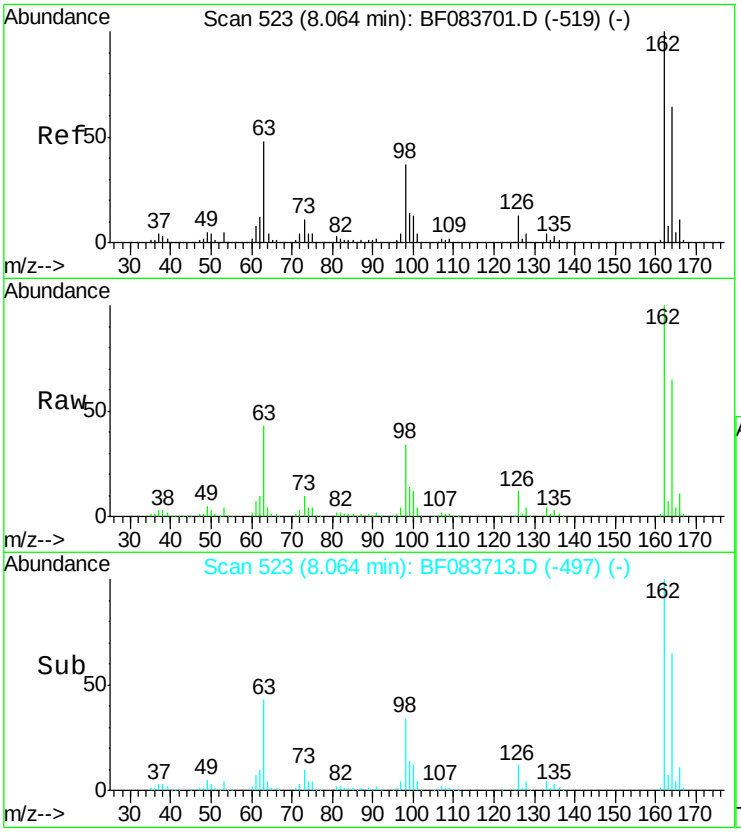


#28
bis(2-Chloroethoxy)methane
Concen: 35.11 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion: 93 Resp: 362018

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.6	38.4
123	13.9	7.3	10.9#

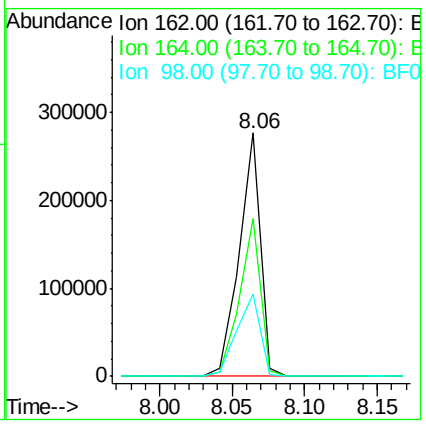




#29
2,4-Dichlorophenol
Concen: 37.47 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:162 Resp: 280143

Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.4	83.4
98	33.9	17.5	57.5



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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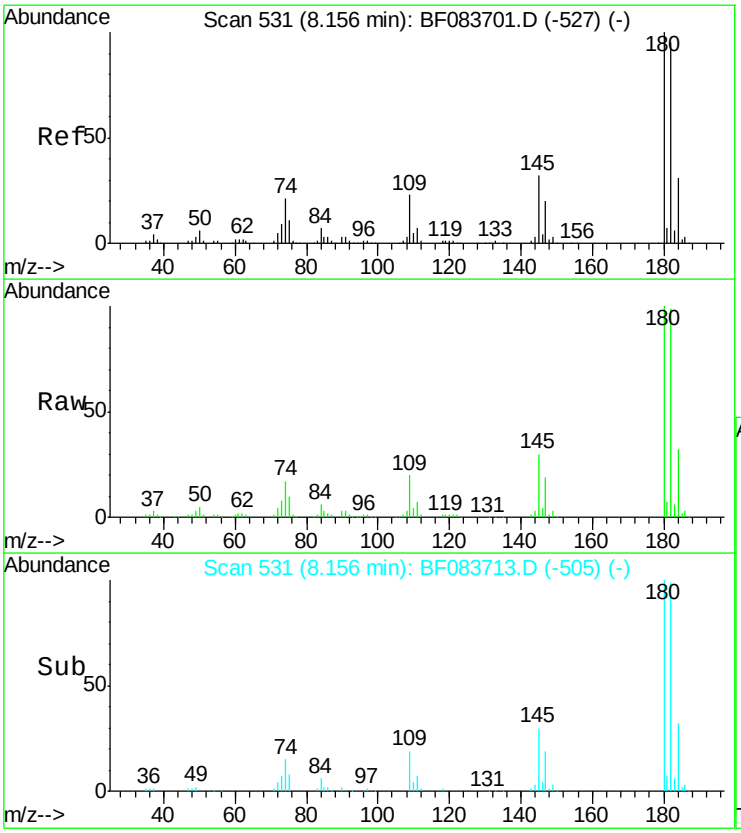
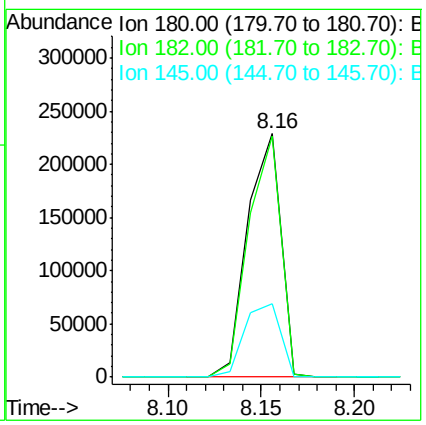
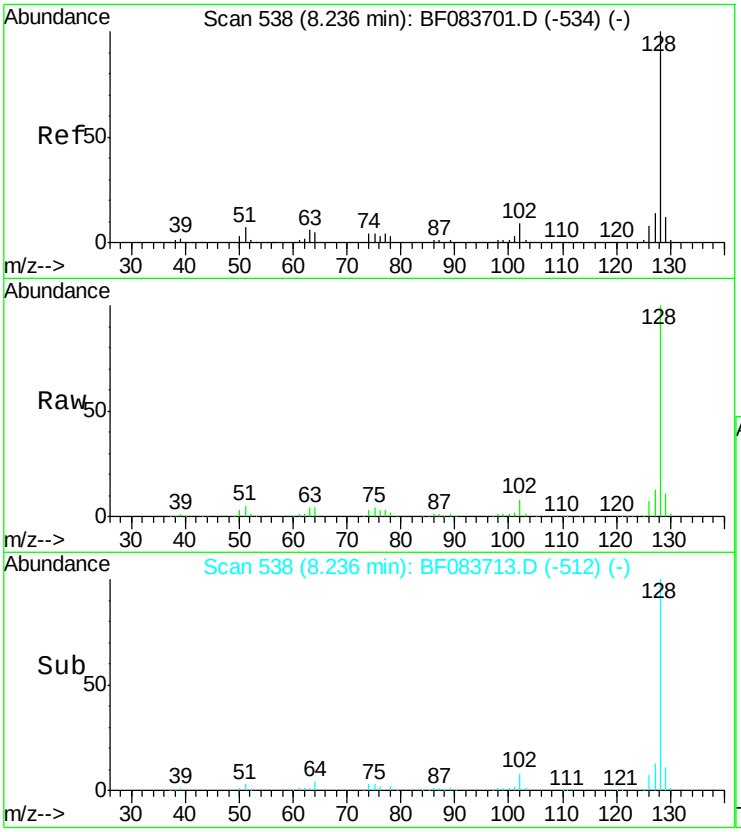


#30
1,2,4-Trichlorobenzene
Concen: 34.09 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:180 Resp: 282523

Ion	Ratio	Lower	Upper
180	100		
182	99.1	74.9	112.3
145	30.1	24.7	37.1

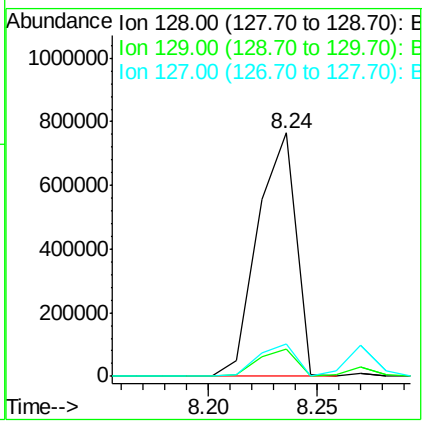




#31
Naphthalene
Concen: 34.98 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:128 Resp: 944692

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.5	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
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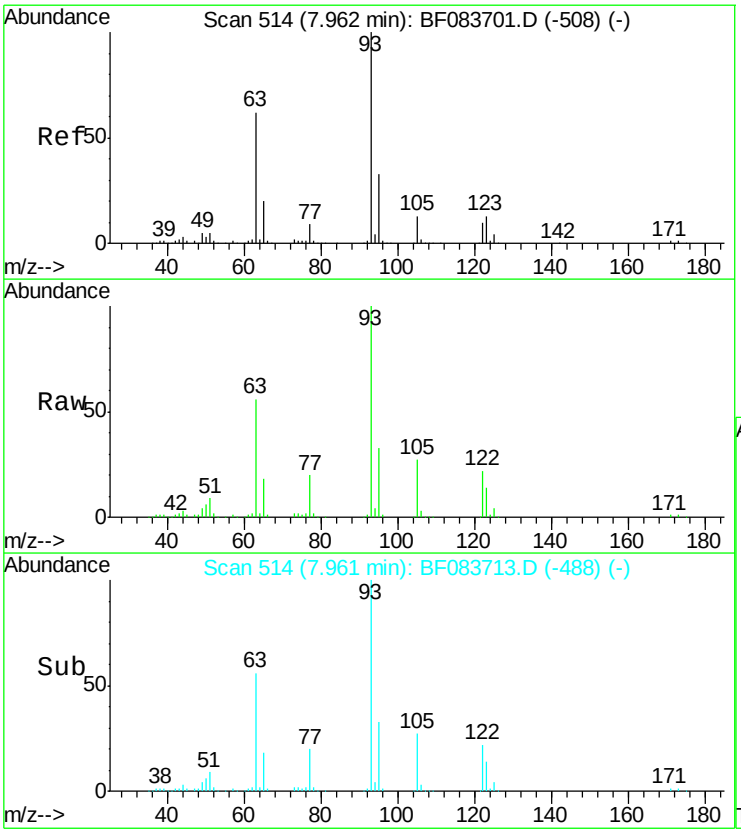
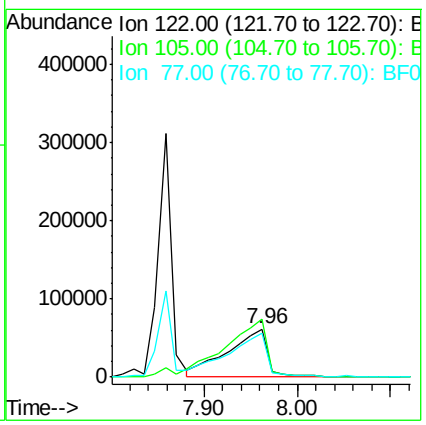
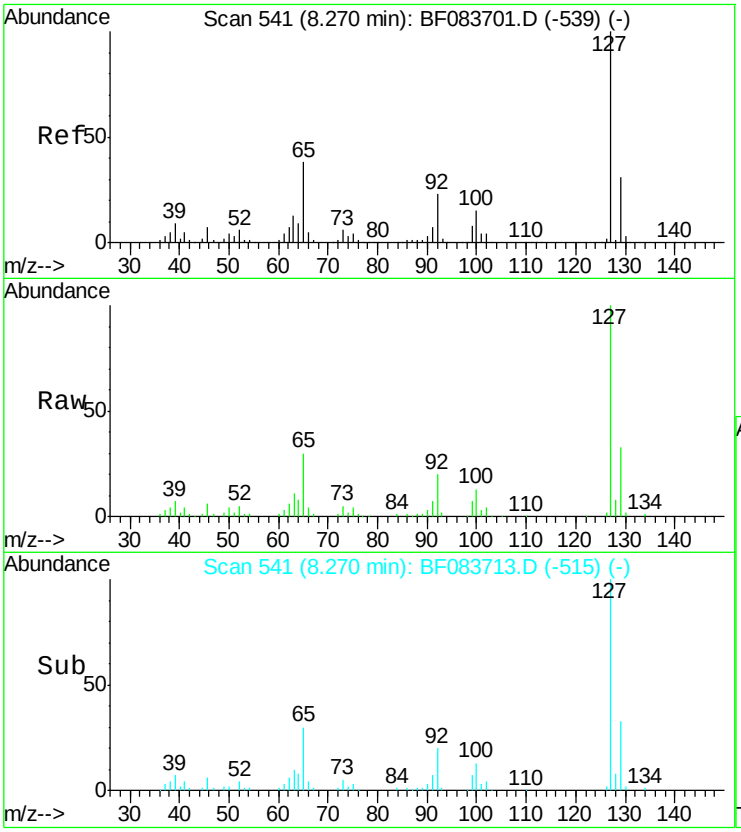


#32
Benzoic acid
Concen: 37.82 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:122 Resp: 179993

Ion	Ratio	Lower	Upper
122	100		
105	120.5	105.6	145.6
77	90.2	86.8	126.8

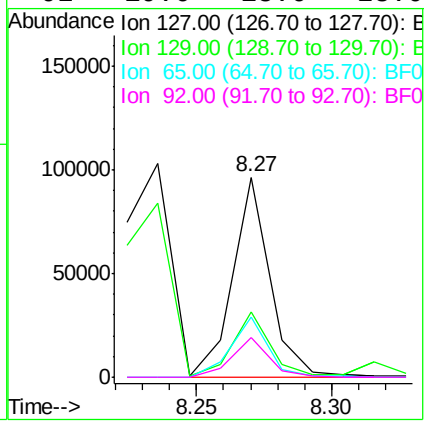




#33
4-Chloroaniline
Concen: 8.35 ng m
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:127 Resp: 93839

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	30.4	33.5	50.3#
92	19.6	18.6	28.0



Instrument :
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ClientSampleId :
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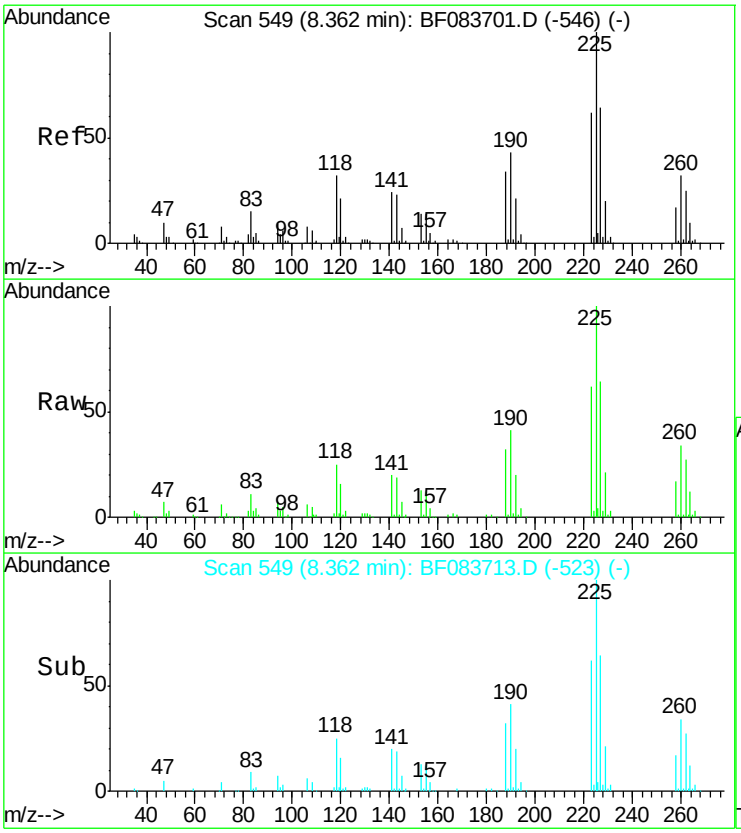
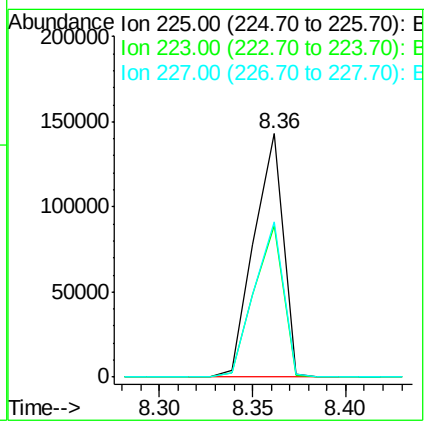
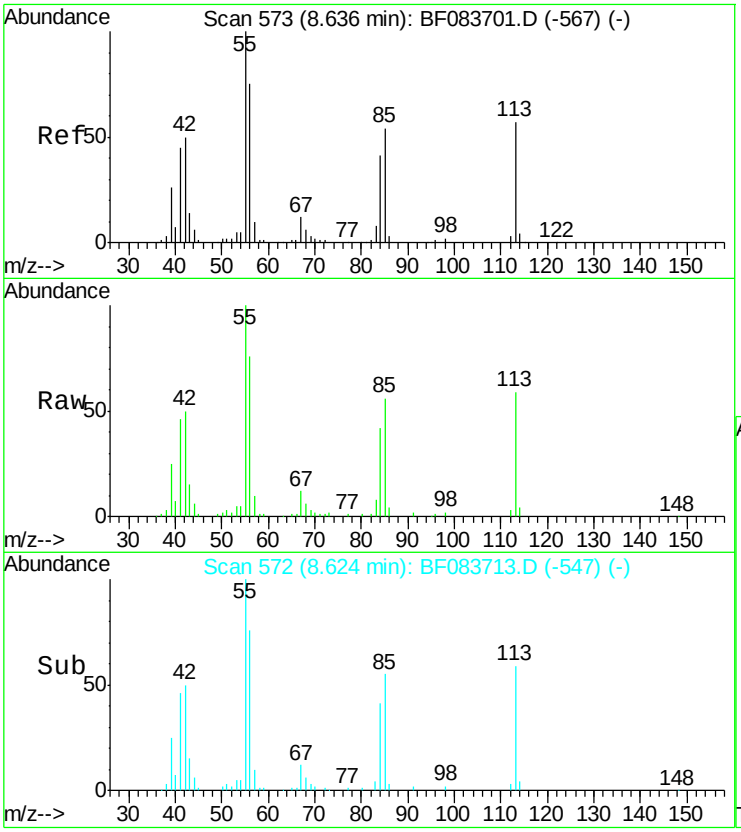


#34
Hexachlorobutadiene
Concen: 33.77 ng
RT: 8.36 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:225 Resp: 155521

Ion	Ratio	Lower	Upper
225	100		
223	62.0	52.3	78.5
227	63.6	50.4	75.6

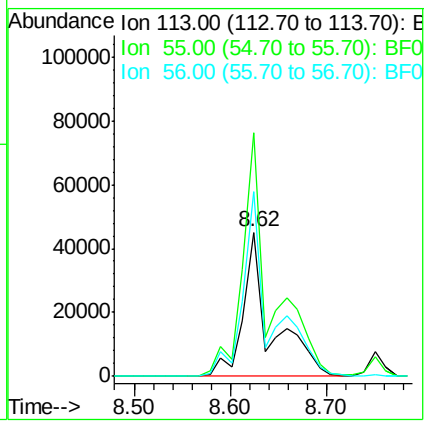




#35
Caprolactam
Concen: 37.27 ng m
RT: 8.62 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:113 Resp: 89556

Ion	Ratio	Lower	Upper
113	100		
55	168.8	189.7	229.7#
56	127.9	130.7	170.7#



Instrument :
BNA_F
ClientSampleId :
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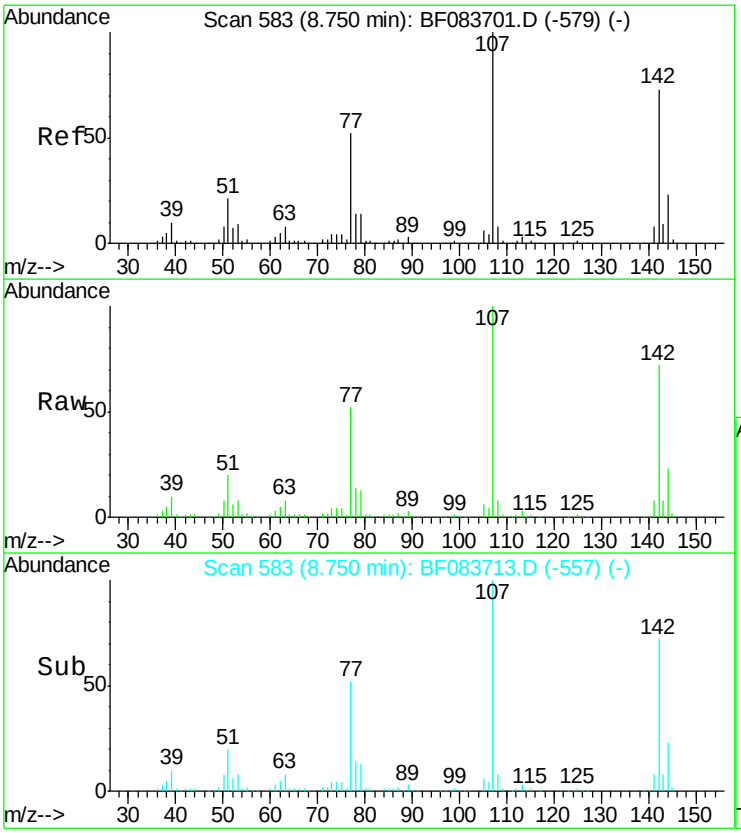
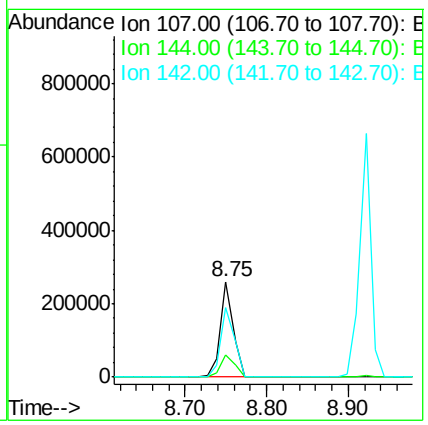
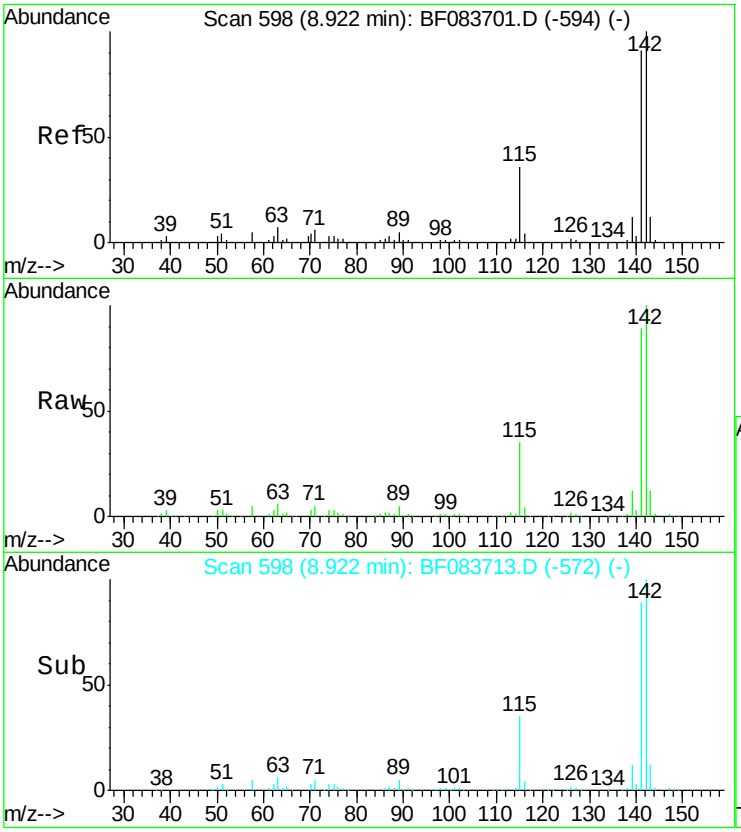


#36
4-Chloro-3-methylphenol
Concen: 34.86 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:107 Resp: 285269

Ion	Ratio	Lower	Upper
107	100		
144	23.3	17.5	26.3
142	72.2	53.6	80.4

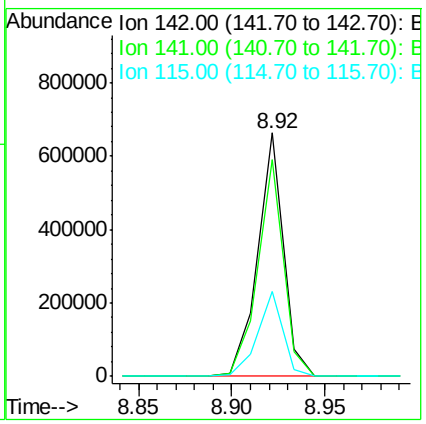




#37
2-Methylnaphthalene
Concen: 36.92 ng
RT: 8.92 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:142 Resp: 629128

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5
115	34.9	29.2	43.8



Instrument :
BNA_F
ClientSampleId :
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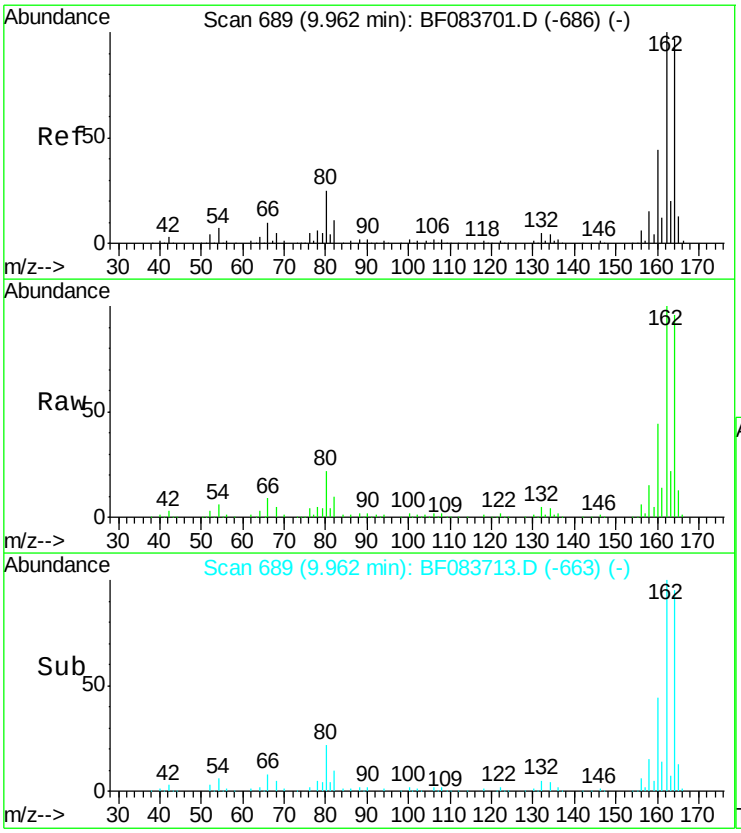
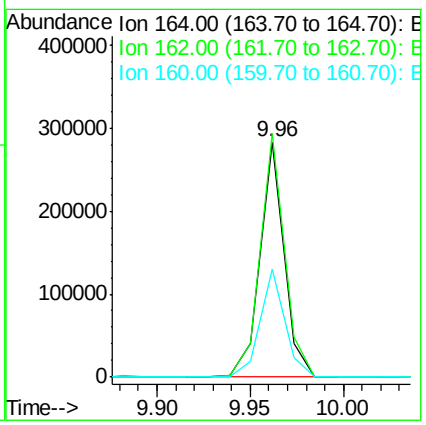
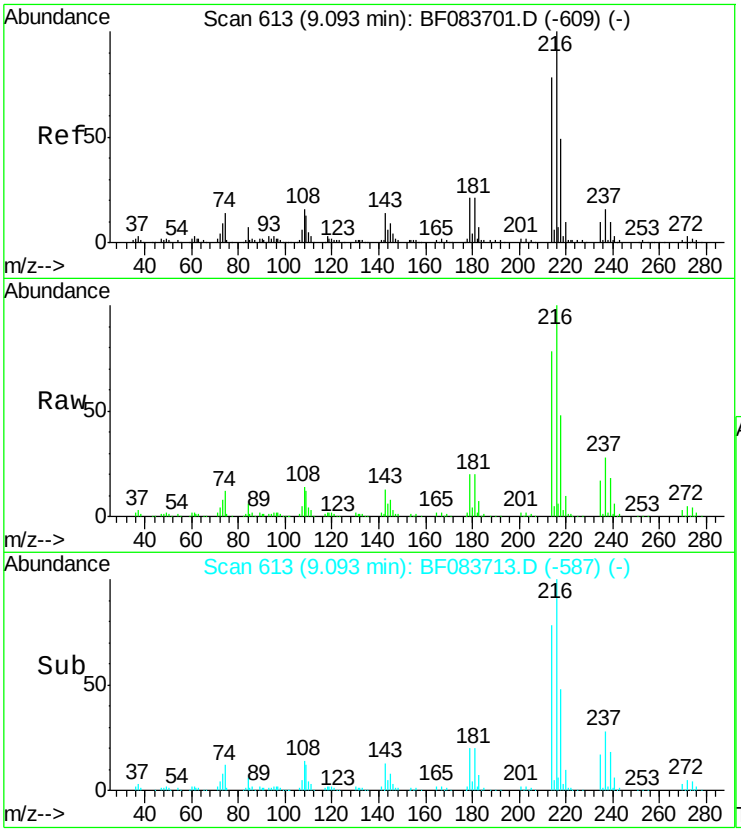


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:164 Resp: 251153

Ion	Ratio	Lower	Upper
164	100		
162	103.8	78.8	118.2
160	46.1	33.4	50.2

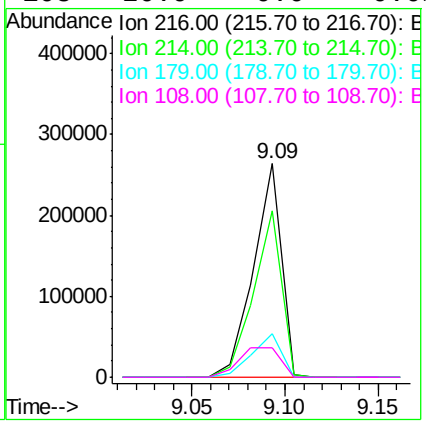




#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.78 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:216 Resp: 272519

Ion	Ratio	Lower	Upper
216	100		
214	78.0	0.0	0.0#
179	21.5	0.0	0.0#
108	20.9	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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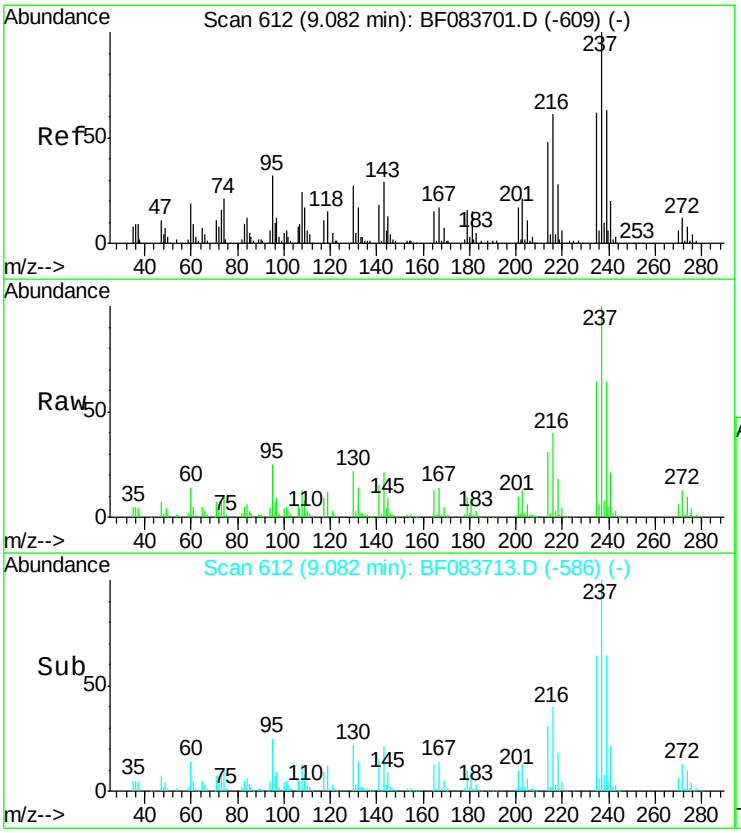
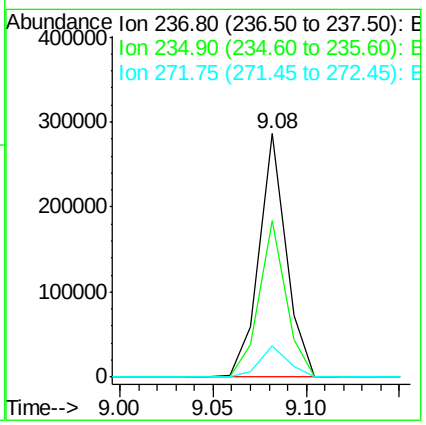
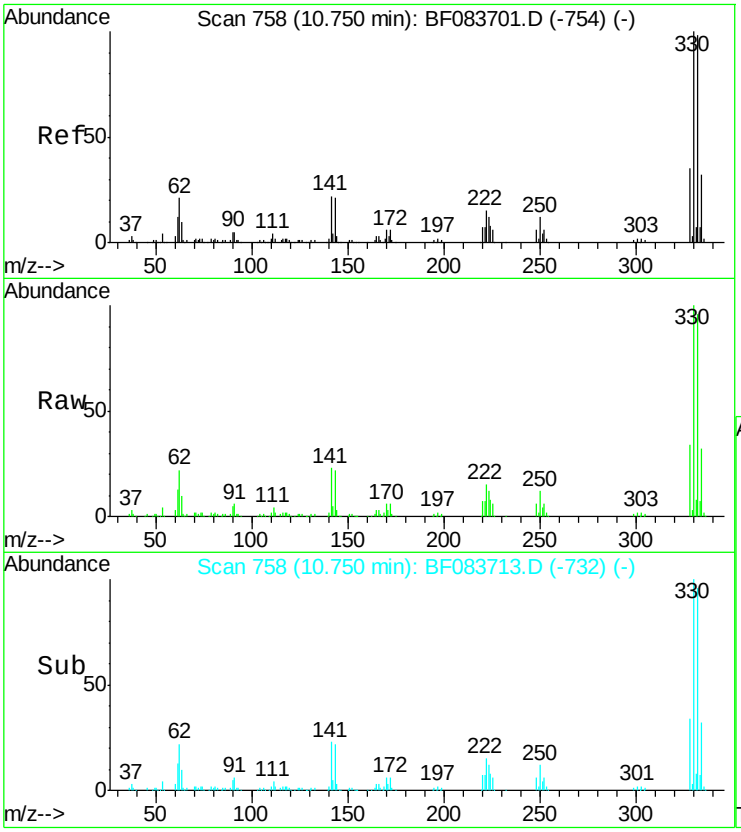


#40
Hexachlorocyclopentadiene
Concen: 77.73 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:237 Resp: 288141

Ion	Ratio	Lower	Upper
237	100		
235	64.2	43.9	83.9
272	12.9	0.0	31.8

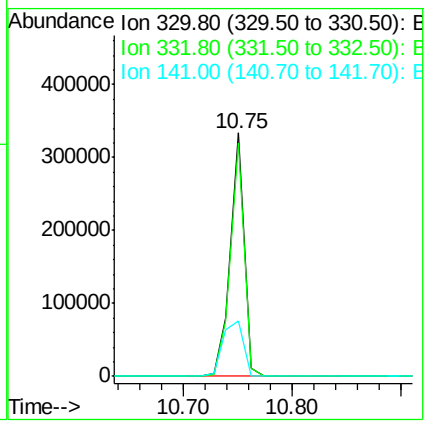




#41
2,4,6-Tribromophenol
Concen: 121.63 ng
RT: 10.75 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:330 Resp: 295684

Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	33.8	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
PB87230BS

Manual Integrations APPROVED
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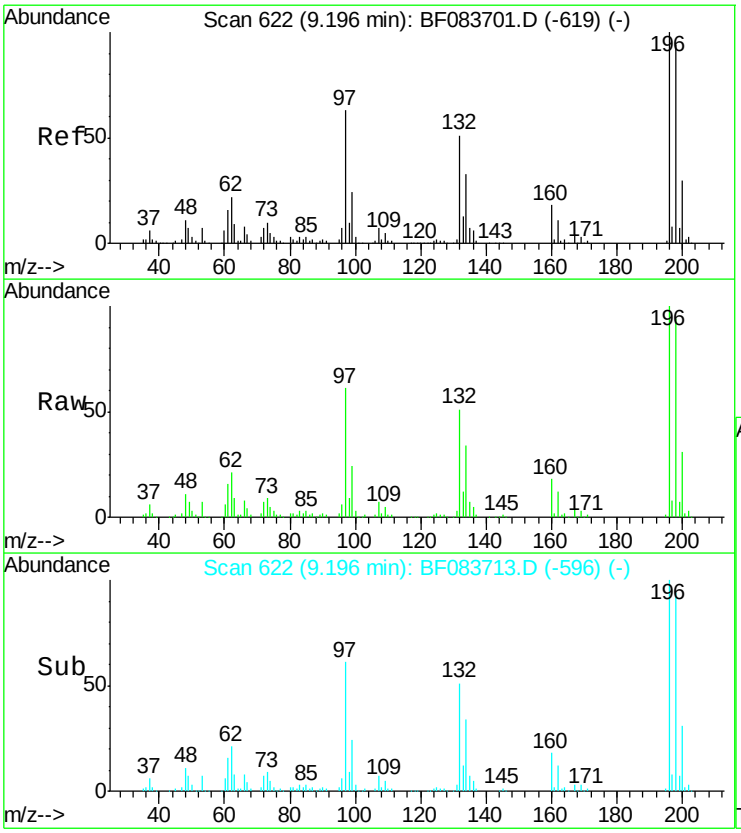
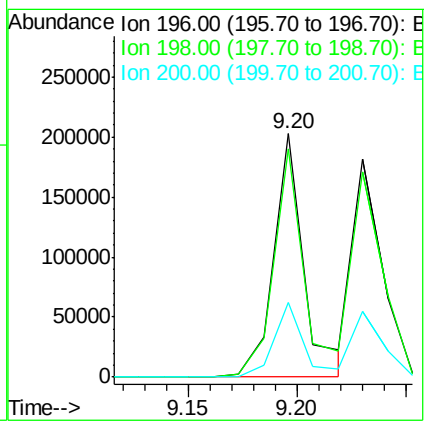
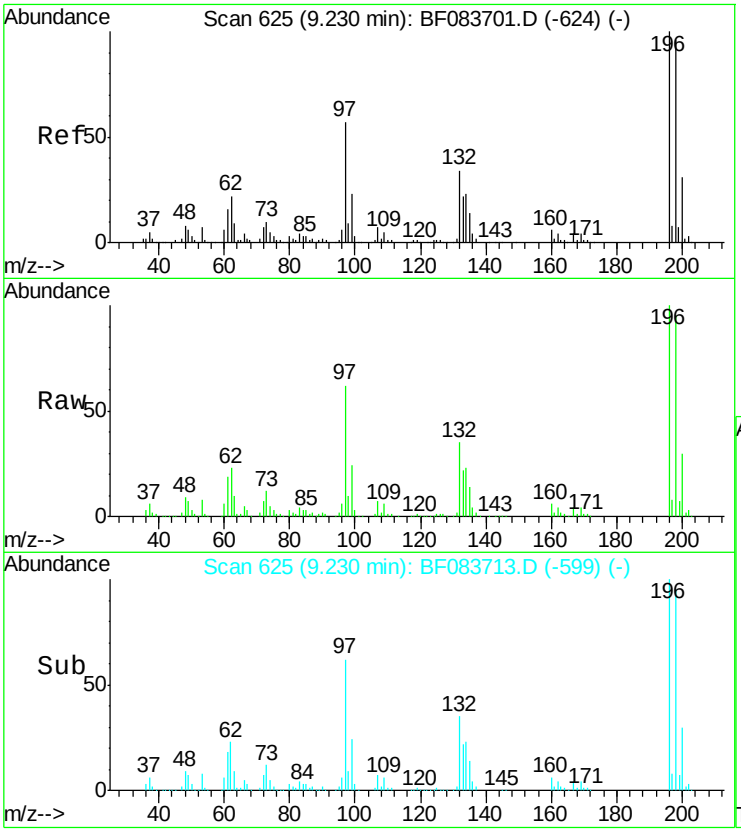


#42
2,4,6-Trichlorophenol
Concen: 36.91 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:196 Resp: 198171

Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.2	112.8
200	30.7	23.0	34.6

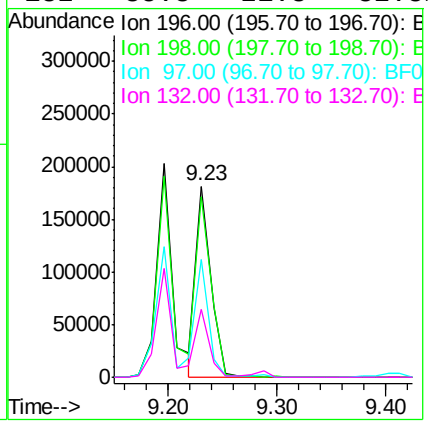




#43
2,4,5-Trichlorophenol
Concen: 33.74 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:196 Resp: 174816

Ion	Ratio	Lower	Upper
196	100		
198	94.5	77.7	116.5
97	61.5	41.2	61.8
132	35.3	21.8	32.8#



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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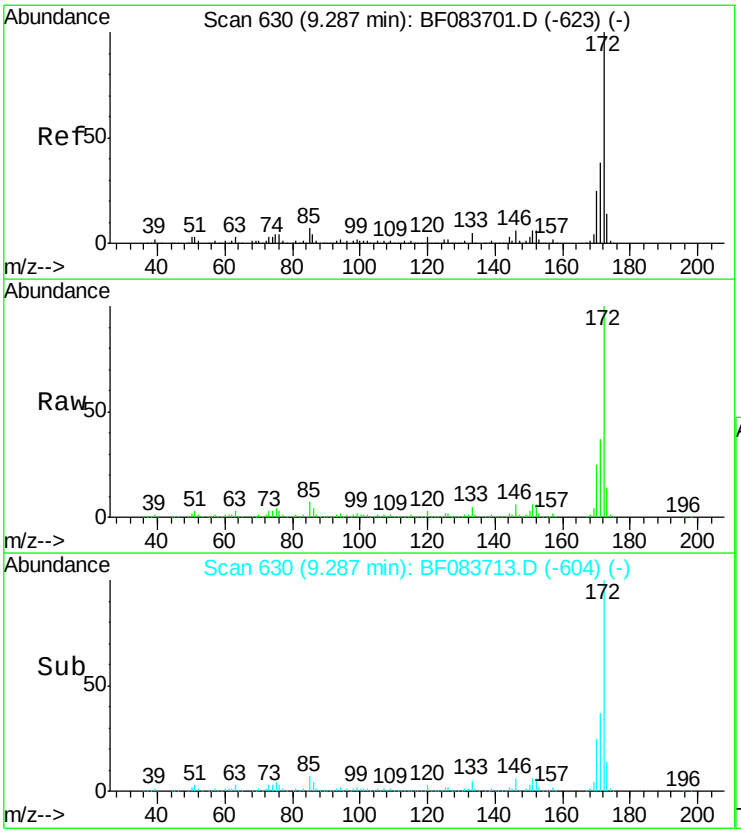
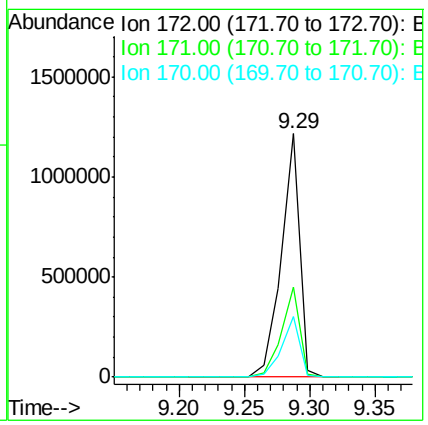
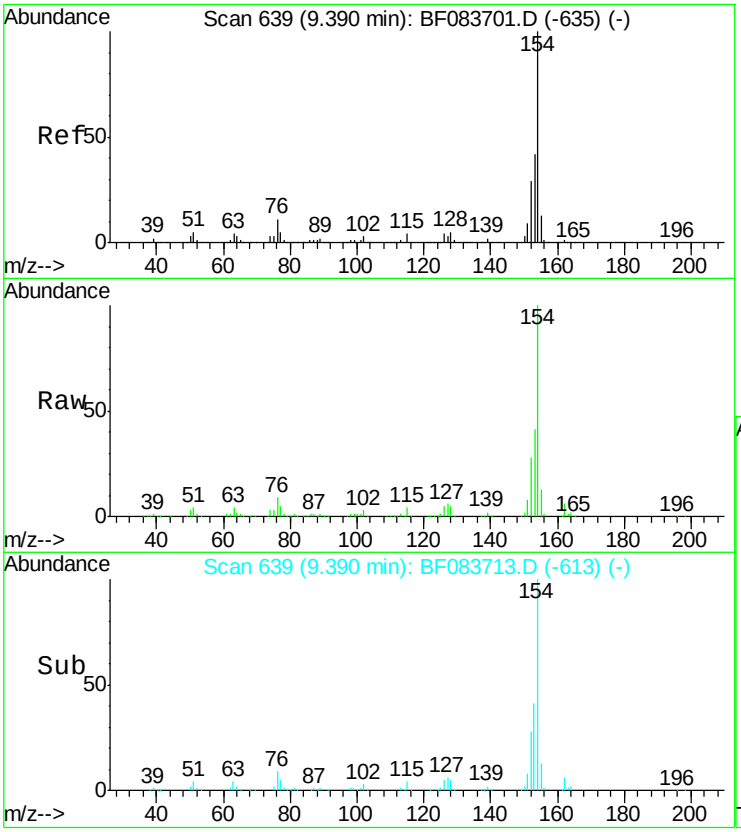


#44
2-Fluorobiphenyl
Concen: 70.67 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:172 Resp: 1205012

Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.6	42.8
170	24.9	19.4	29.0

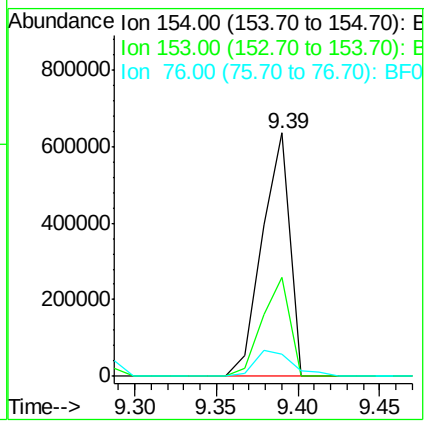




#45
1,1'-Biphenyl
Concen: 34.01 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:154 Resp: 744882

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.2	60.2
76	9.3	0.0	34.8



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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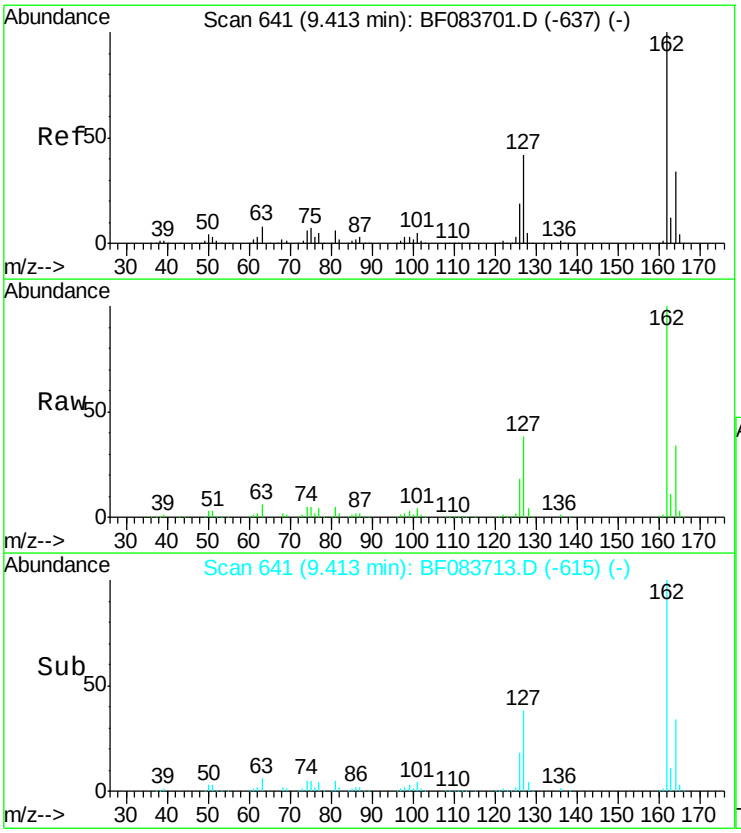
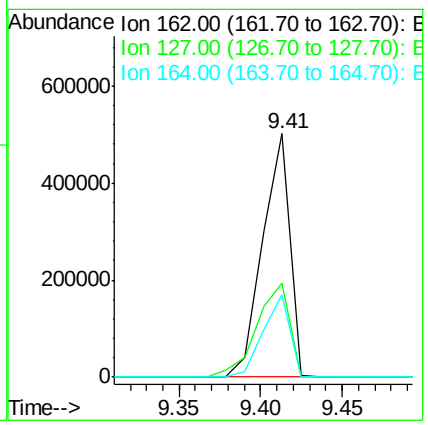
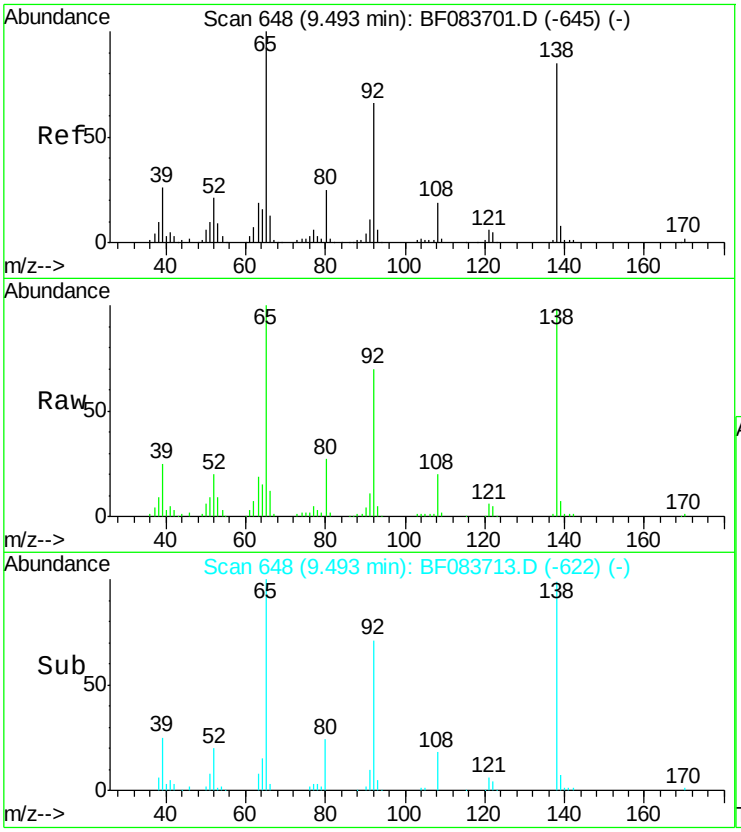


#46
2-Chloronaphthalene
Concen: 35.18 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:162 Resp: 580839

Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.0	46.4
164	33.7	27.4	41.0

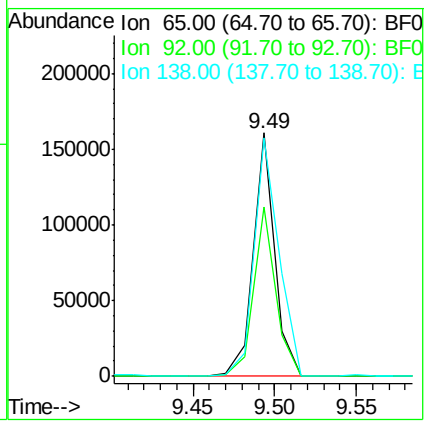




#47
2-Nitroaniline
Concen: 36.17 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion: 65 Resp: 146510

Ion	Ratio	Lower	Upper
65	100		
92	69.7	49.6	74.4
138	98.1	64.1	96.1#



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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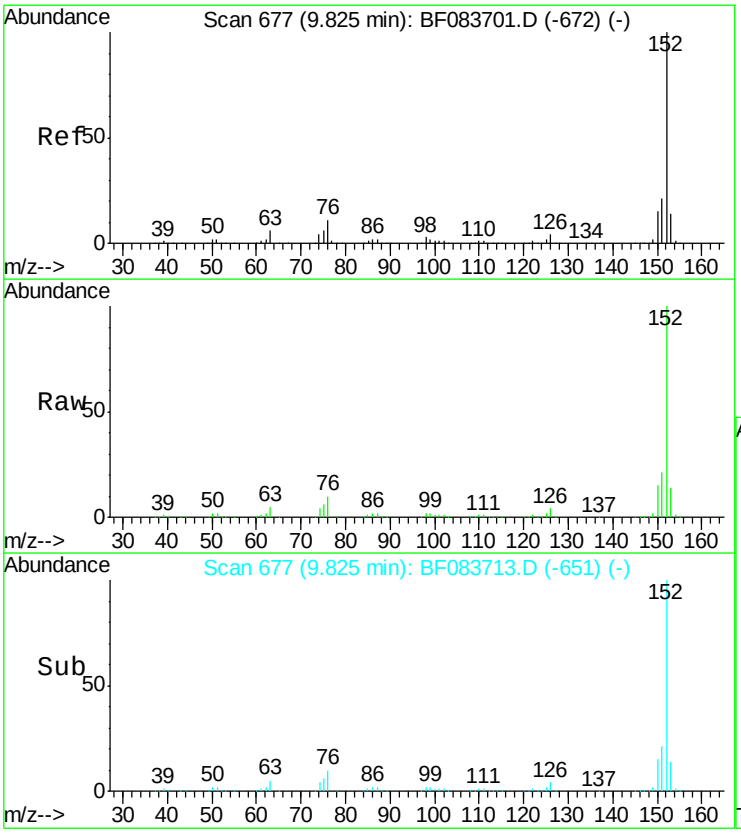
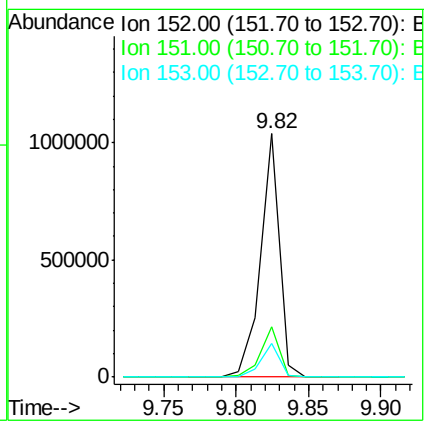
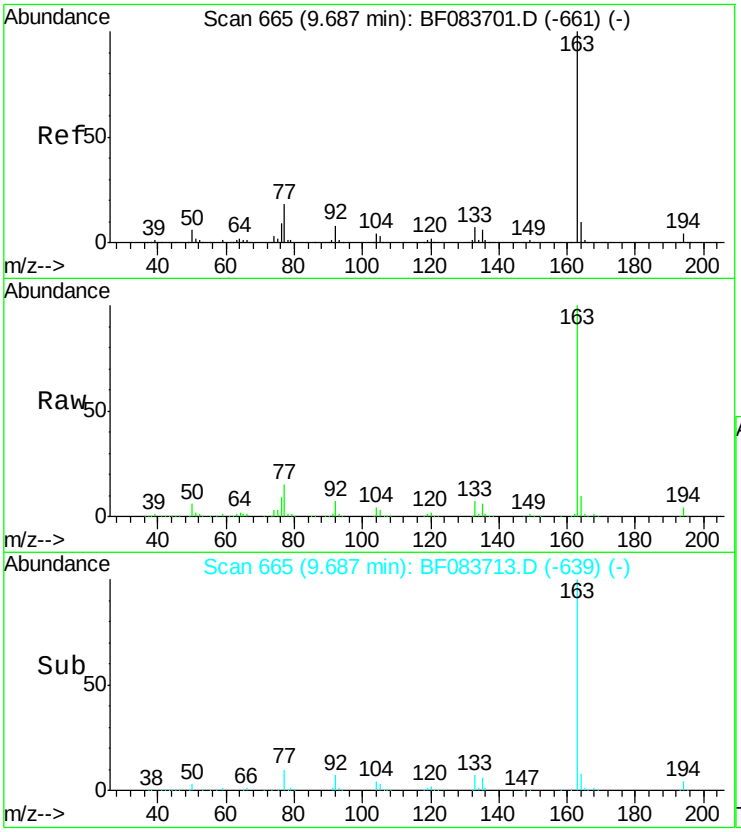


#48
Acenaphthylene
Concen: 34.50 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:152 Resp: 938507

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.8	10.8	16.2

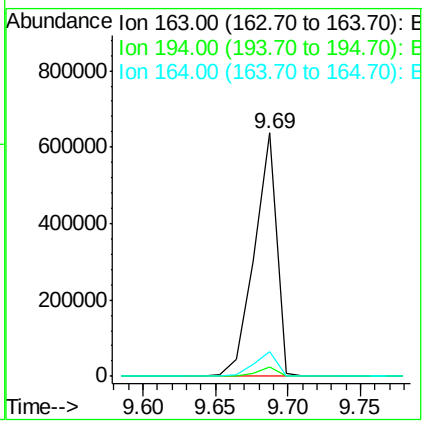




#49
Dimethylphthalate
Concen: 35.21 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:163 Resp: 680440

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	10.0	8.6	13.0



Instrument :
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ClientSampleId :
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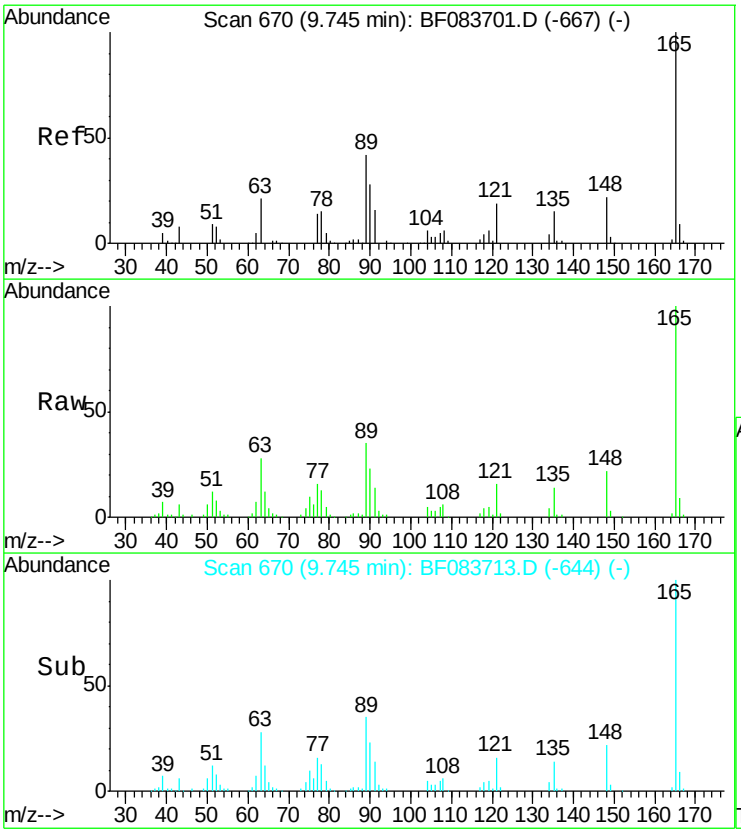
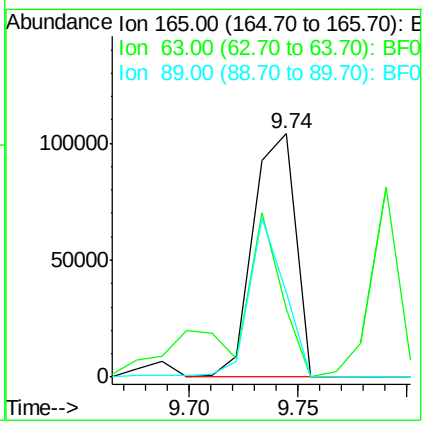
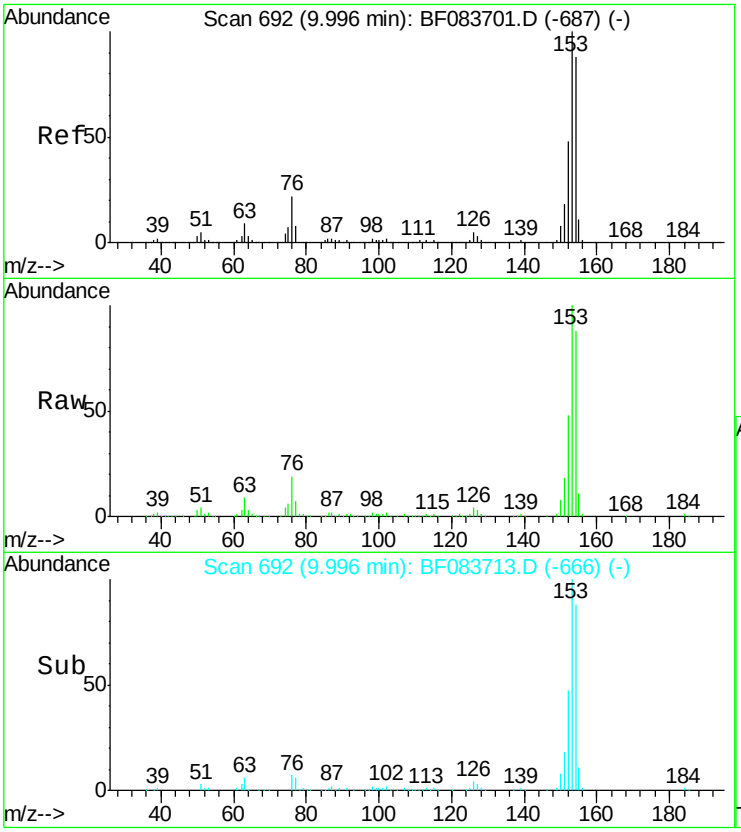


#50
2,6-Dinitrotoluene
Concen: 37.71 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:165 Resp: 141509

Ion	Ratio	Lower	Upper
165	100		
63	28.3	56.9	85.3#
89	34.7	52.1	78.1#

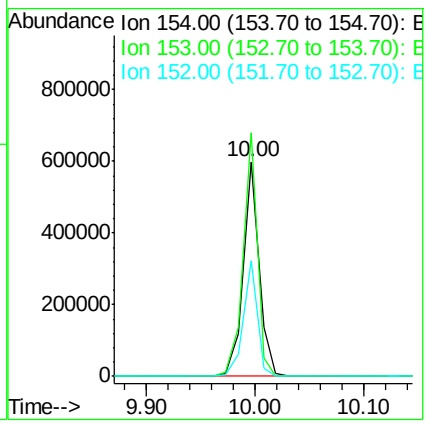




#51
Acenaphthene
Concen: 37.18 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:154 Resp: 598945

Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.4	137.0
152	54.2	43.4	65.2



Instrument :
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ClientSampleId :
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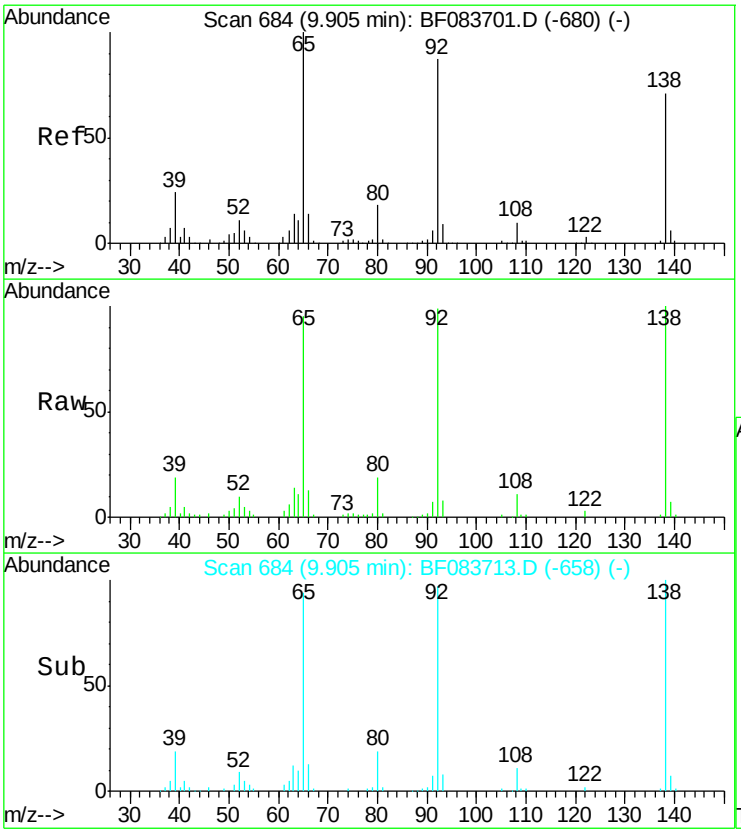
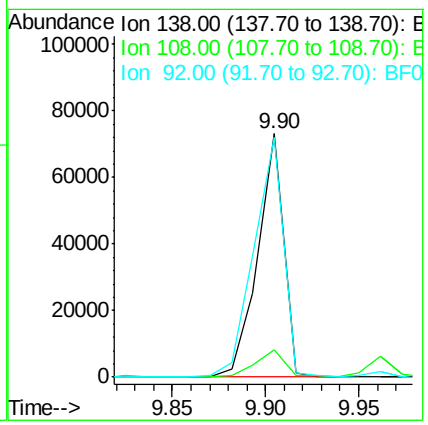
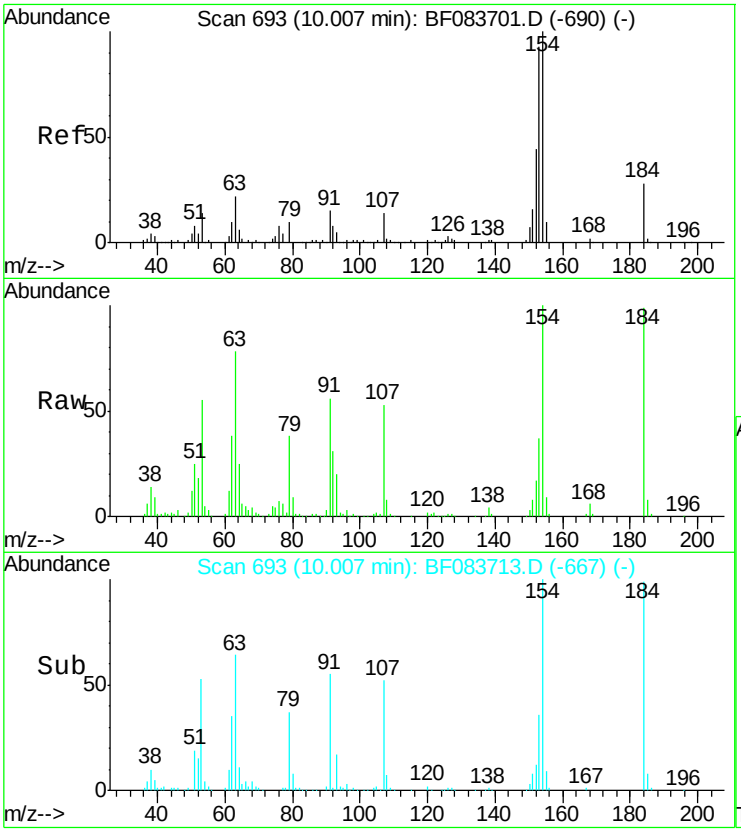


#52
3-Nitroaniline
Concen: 16.63 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:138 Resp: 69978

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.9	14.9
92	98.6	113.8	170.8#

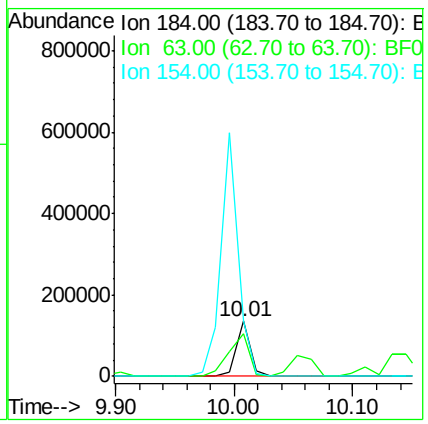




#53
2,4-Dinitrophenol
Concen: 87.64 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:184 Resp: 109448

Ion	Ratio	Lower	Upper
184	100		
63	78.4	62.4	93.6
154	100.9	46.6	69.8#



Instrument :
BNA_F
ClientSampleId :
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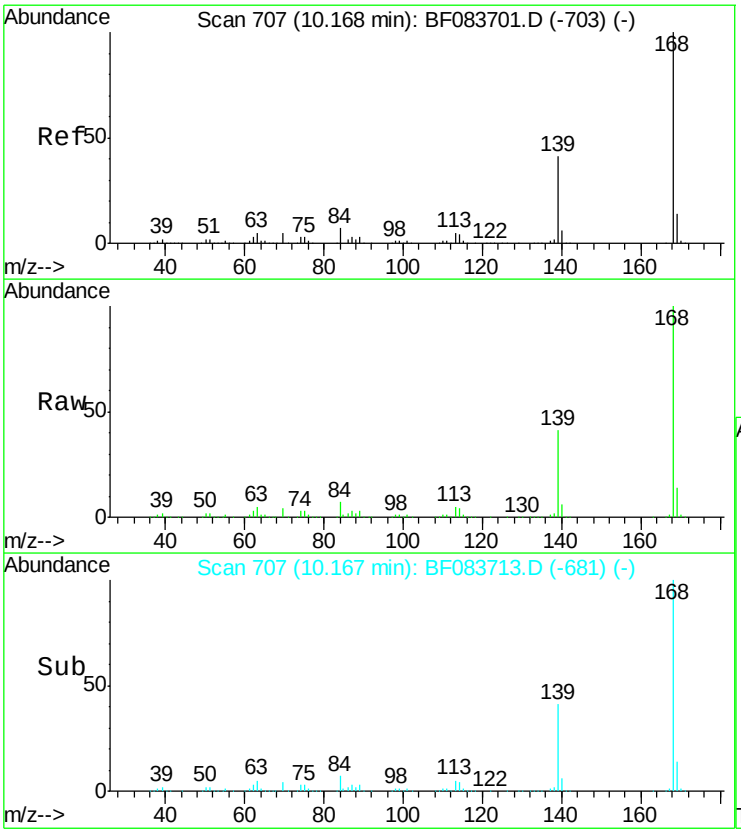
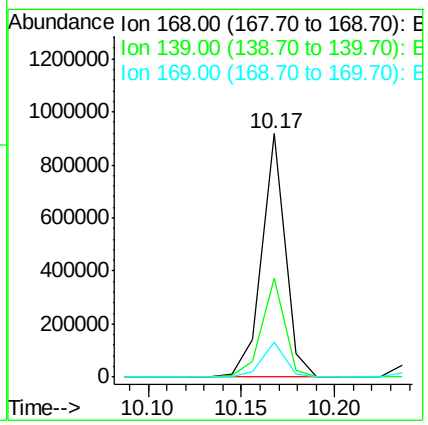
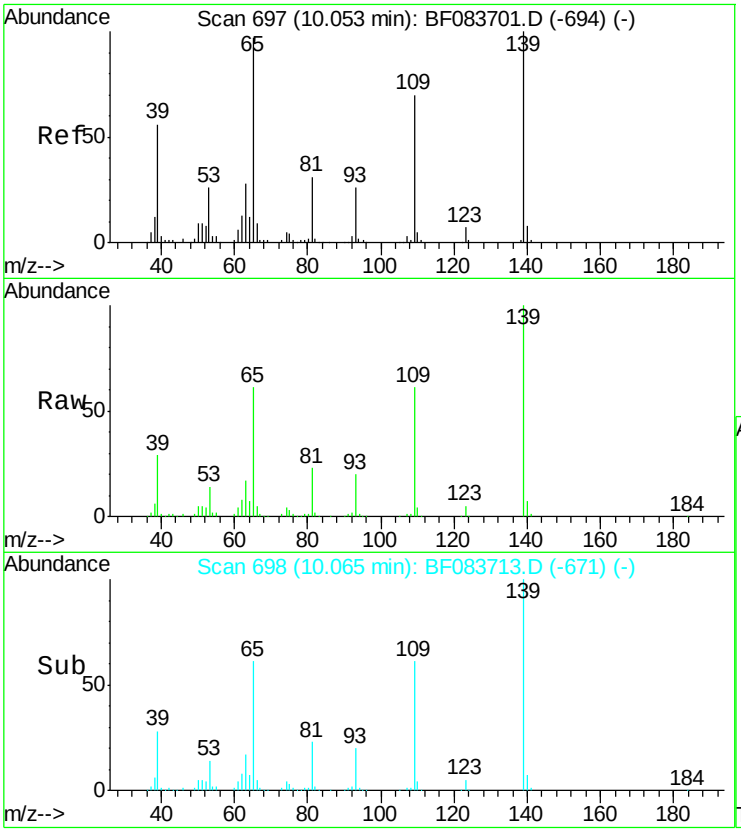


#54
Dibenzofuran
Concen: 37.06 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:168 Resp: 794862

Ion	Ratio	Lower	Upper
168	100		
139	40.6	28.0	42.0
169	14.1	10.8	16.2

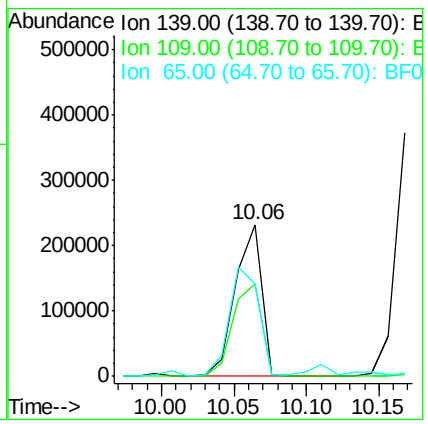




#55
4-Nitrophenol
Concen: 82.53 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:139 Resp: 295156

Ion	Ratio	Lower	Upper
139	100		
109	61.1	42.0	82.0
65	60.8	89.2	129.2#



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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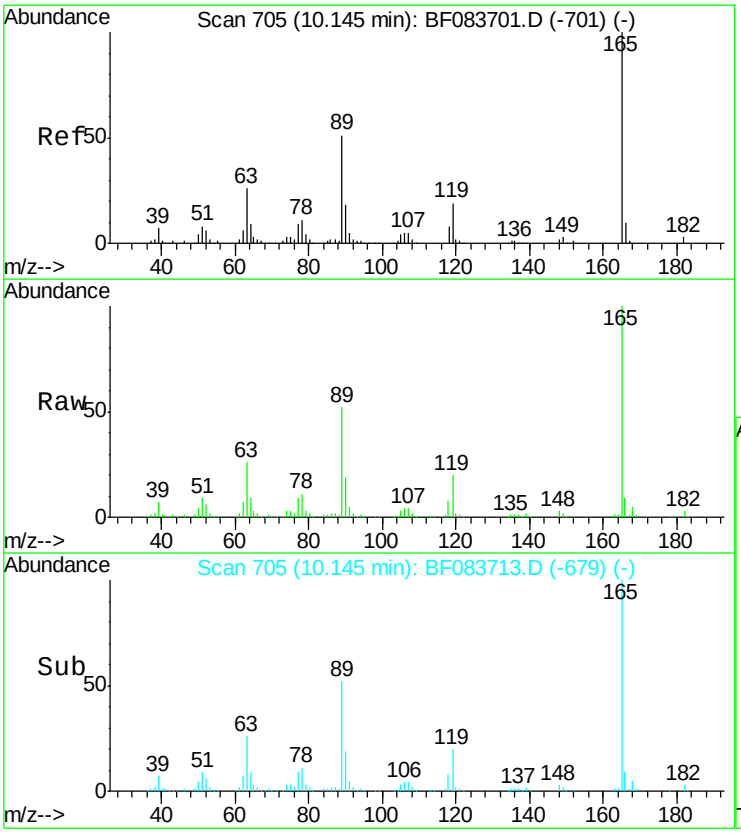
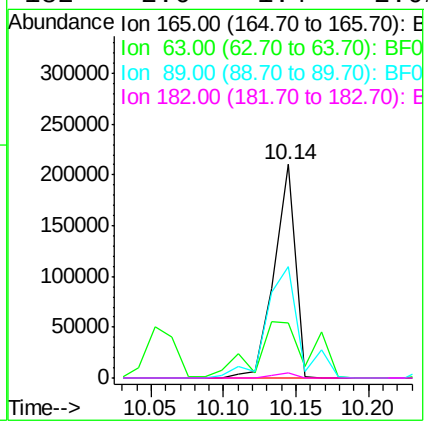
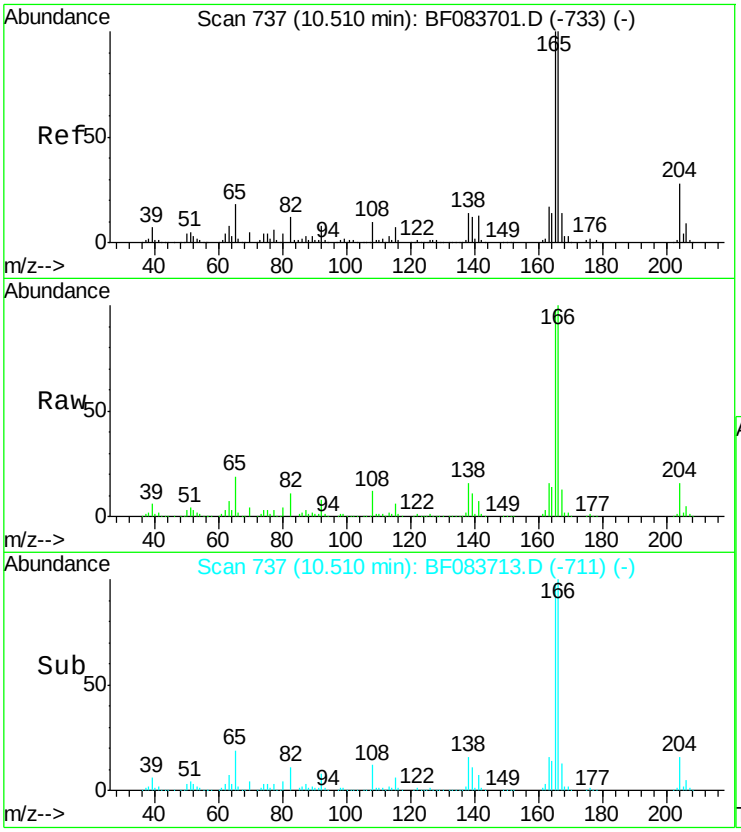


#56
2,4-Dinitrotoluene
Concen: 44.49 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:165 Resp: 212259

Ion	Ratio	Lower	Upper
165	100		
63	25.8	51.4	77.2#
89	52.4	72.6	108.8#
182	2.6	1.4	2.0#

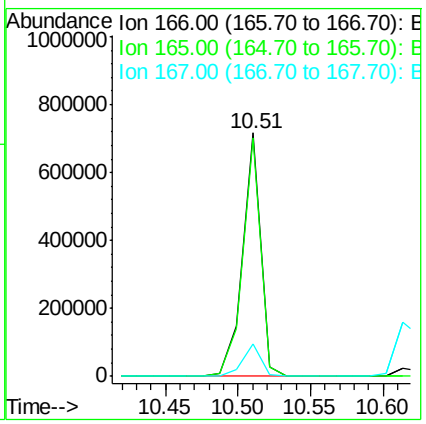




#57
Fluorene
Concen: 36.28 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:166 Resp: 617682

Ion	Ratio	Lower	Upper
166	100		
165	97.8	80.0	120.0
167	13.2	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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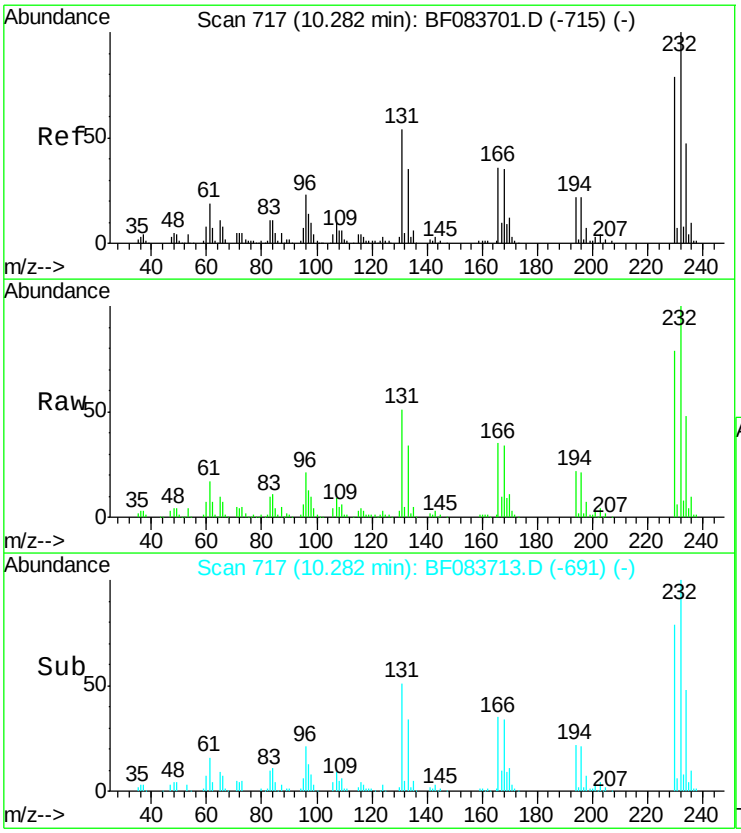
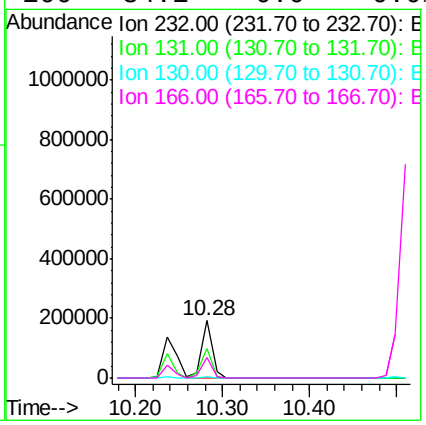
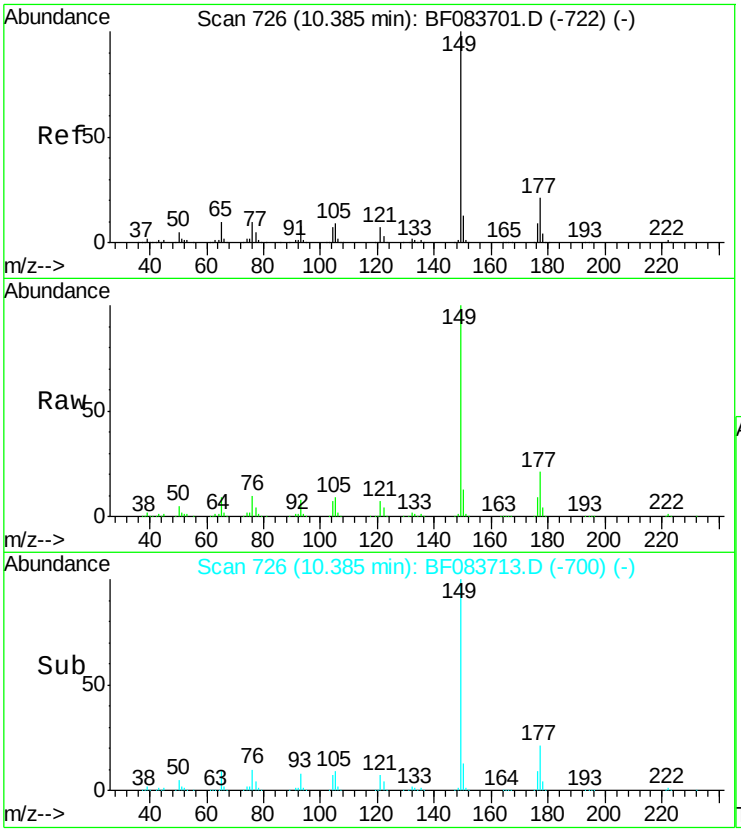


#58
2,3,4,6-Tetrachlorophenol
Concen: 42.55 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:232 Resp: 163272

Ion	Ratio	Lower	Upper
232	100		
131	50.8	0.0	0.0#
130	2.7	0.0	0.0#
166	34.1	0.0	0.0#

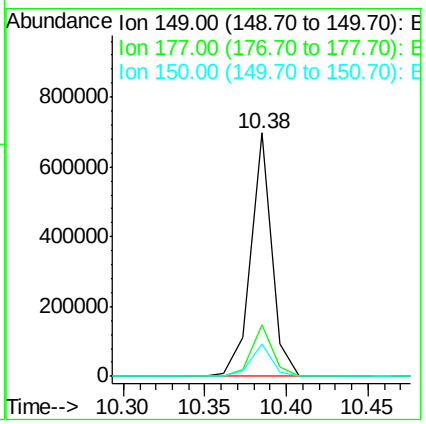




#59
Diethylphthalate
Concen: 34.56 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:149 Resp: 625827

Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.9	25.3
150	13.1	10.2	15.4



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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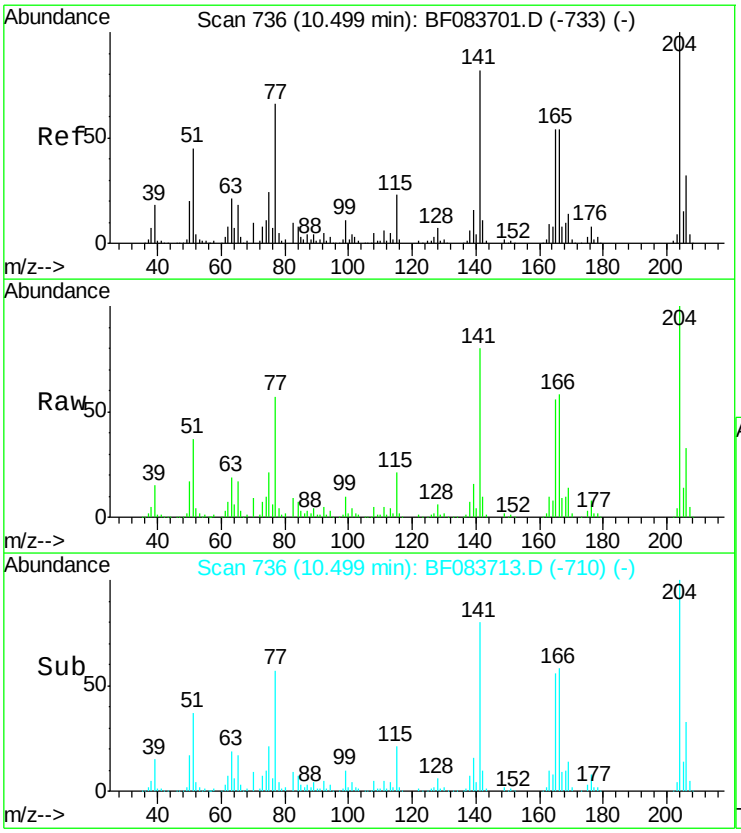
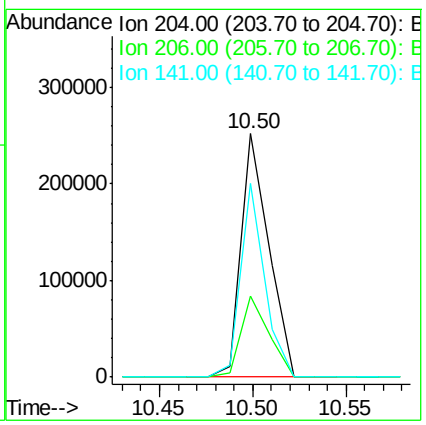
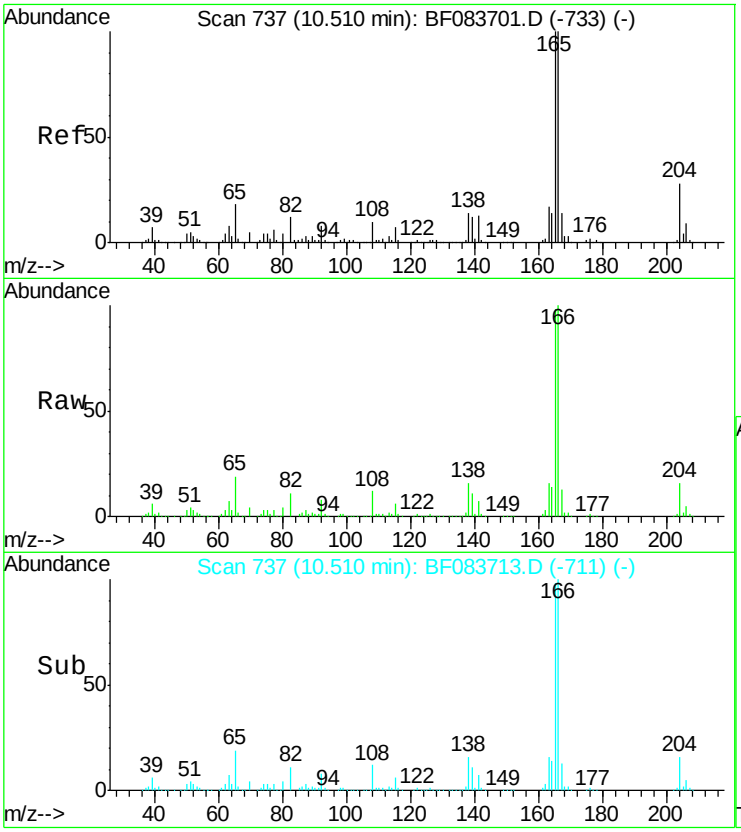


#60
4-Chlorophenyl-phenylether
Concen: 32.11 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:204 Resp: 260802

Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.3	40.9
141	79.6	51.9	77.9#

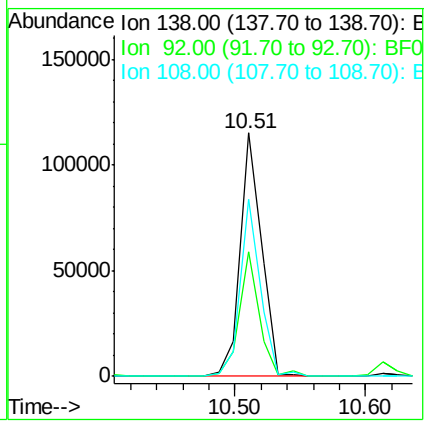




#61
4-Nitroaniline
Concen: 33.12 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:138 Resp: 129188

Ion	Ratio	Lower	Upper
138	100		
92	51.3	29.0	69.0
108	72.7	47.4	87.4



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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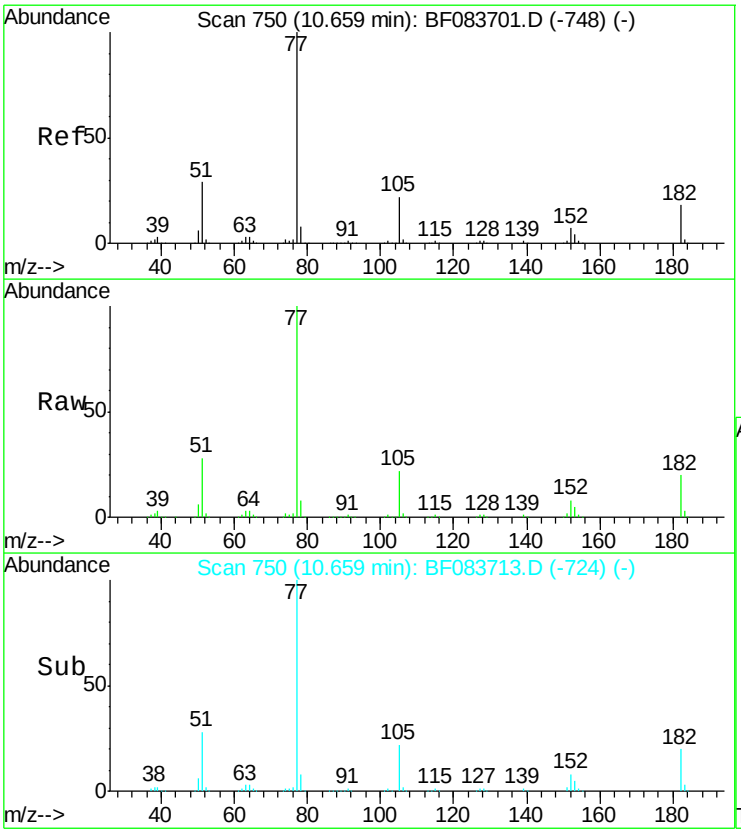
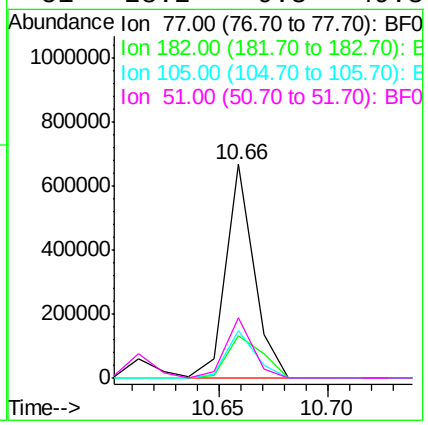
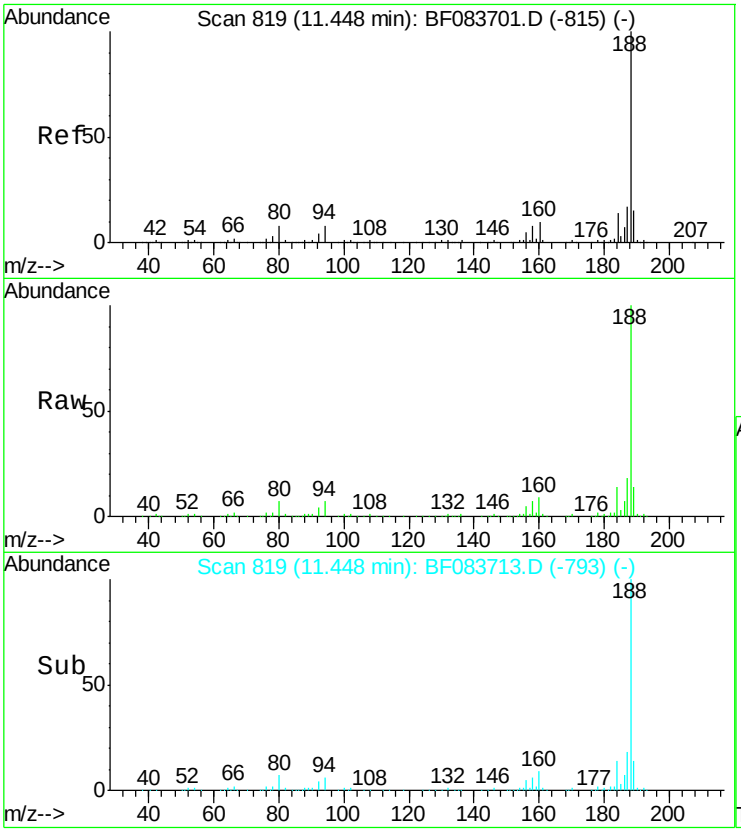


#62
Azobenzene
Concen: 34.54 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion: 77 Resp: 595545

Ion	Ratio	Lower	Upper
77	100		
182	19.5	2.5	42.5
105	22.3	2.1	42.1
51	28.2	9.3	49.3





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:188 Resp: 475216

Ion	Ratio	Lower	Upper
188	100		
94	6.6	9.4	14.2#
80	7.0	10.6	16.0#

Instrument :
BNA_F
ClientSampleId :
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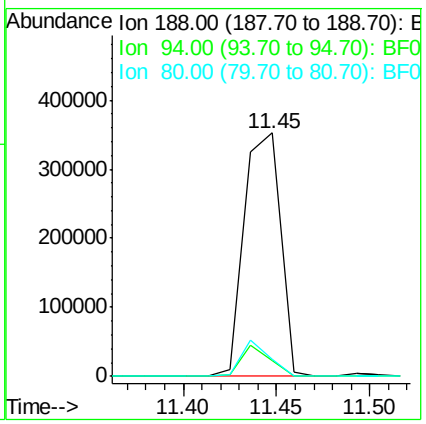
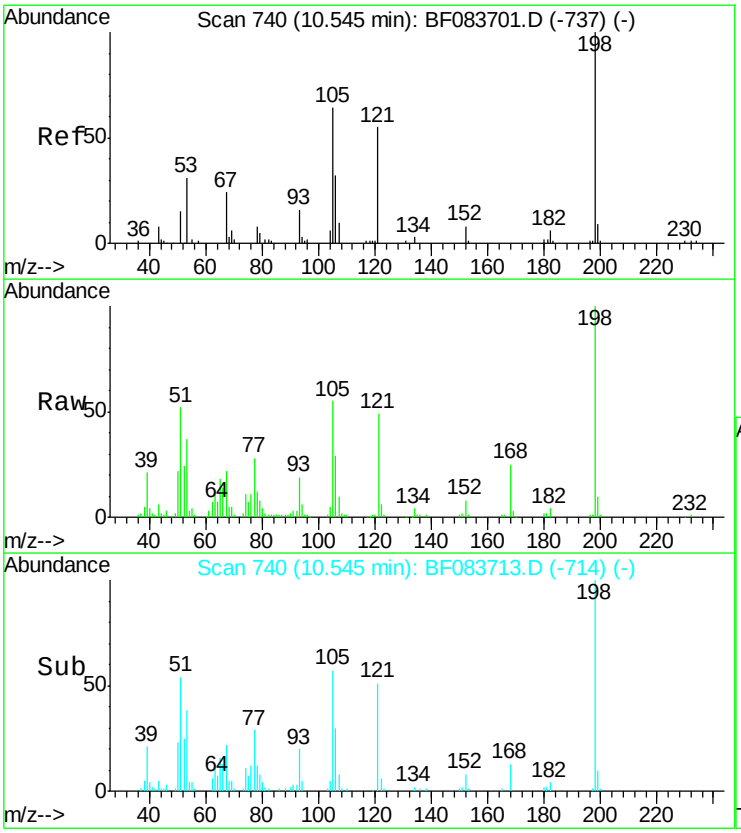
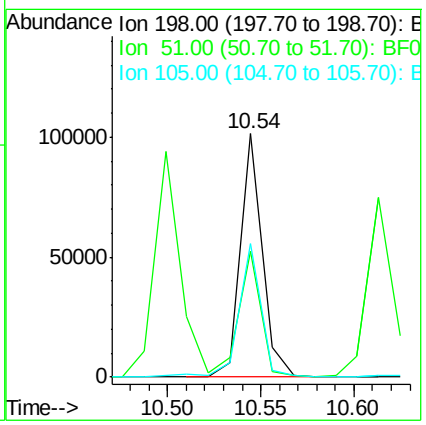


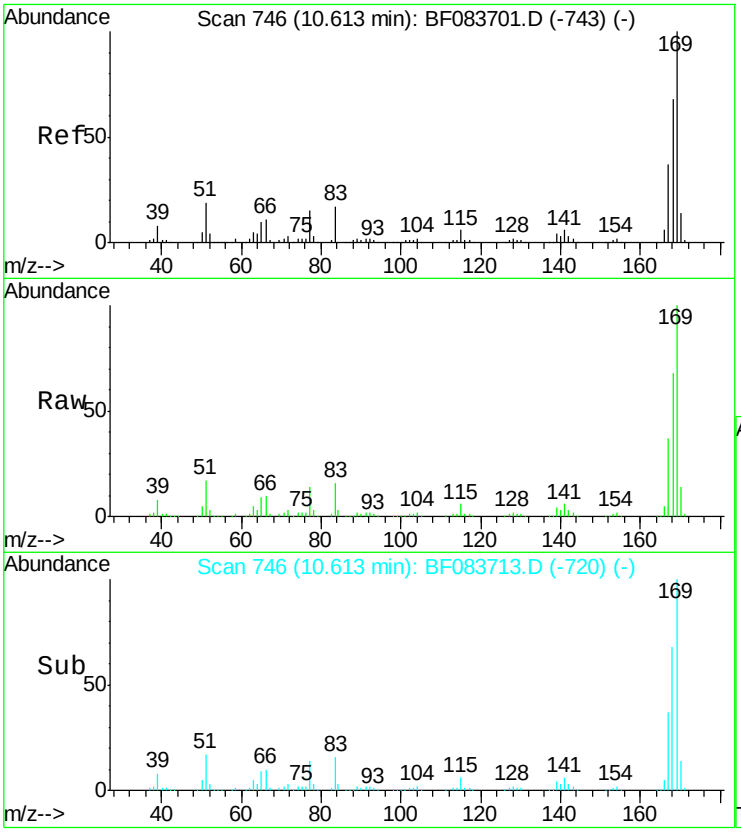


#64
4,6-Dinitro-2-methylphenol
Concen: 43.39 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:198 Resp: 82928

Ion	Ratio	Lower	Upper
198	100		
51	51.7	53.8	93.8#
105	54.7	38.6	78.6





#65
n-Nitrosodiphenylamine
Concen: 34.41 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:169 Resp: 542771

Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.0	79.6
167	37.0	29.3	43.9

Instrument :
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ClientSampleId :
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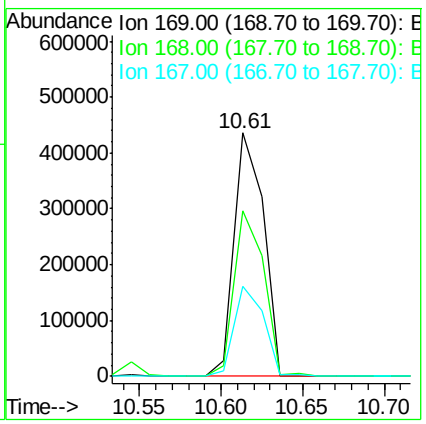
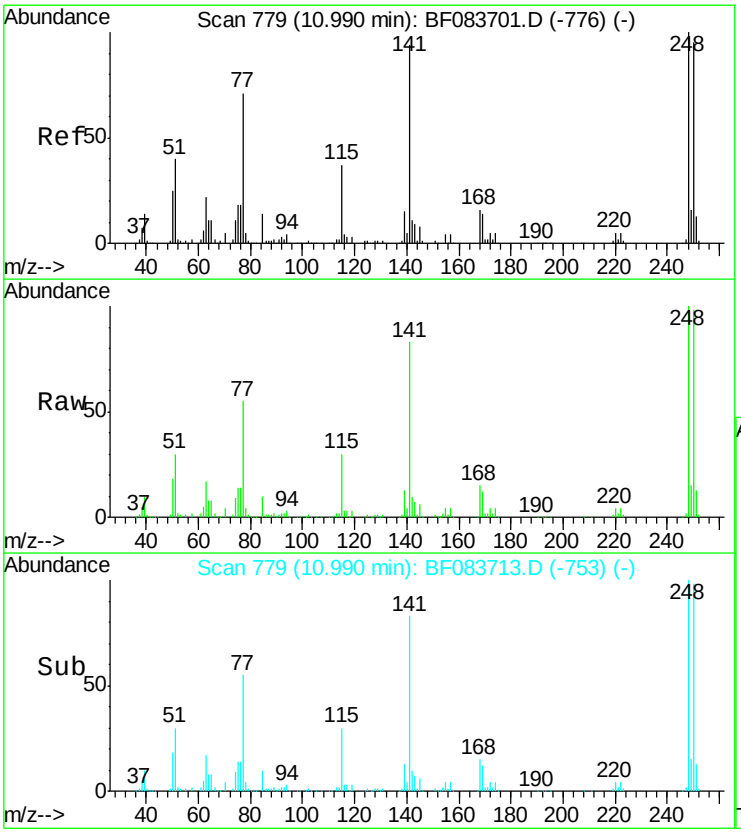
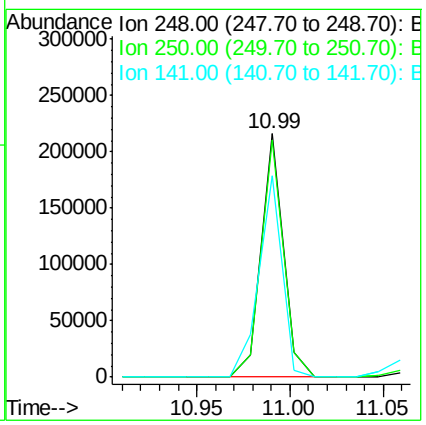


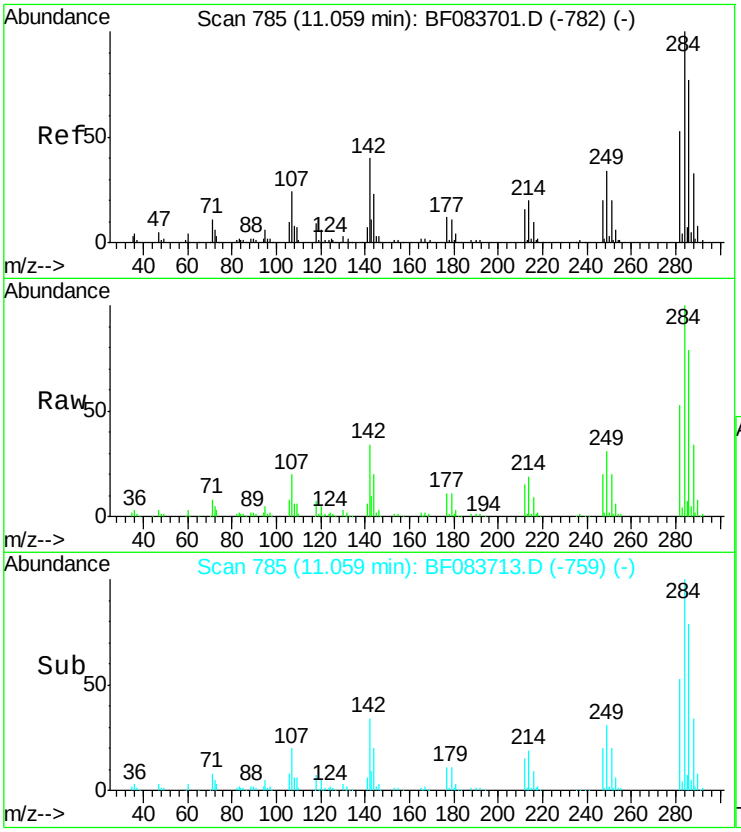


#66
4-Bromophenyl-phenylether
Concen: 34.93 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:248 Resp: 177424

Ion	Ratio	Lower	Upper
248	100		
250	97.7	79.2	118.8
141	82.9	58.2	87.4

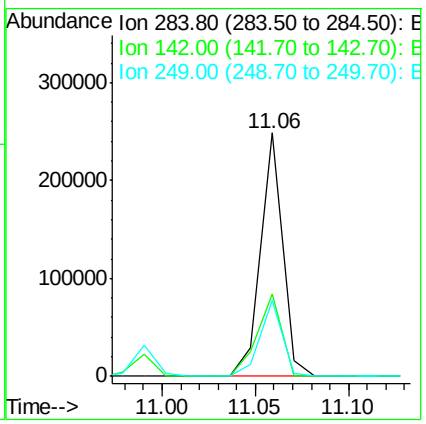




#67
Hexachlorobenzene
Concen: 36.63 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:284 Resp: 202680

Ion	Ratio	Lower	Upper
284	100		
142	33.8	31.0	46.4
249	31.3	26.9	40.3



Instrument :
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ClientSampleId :
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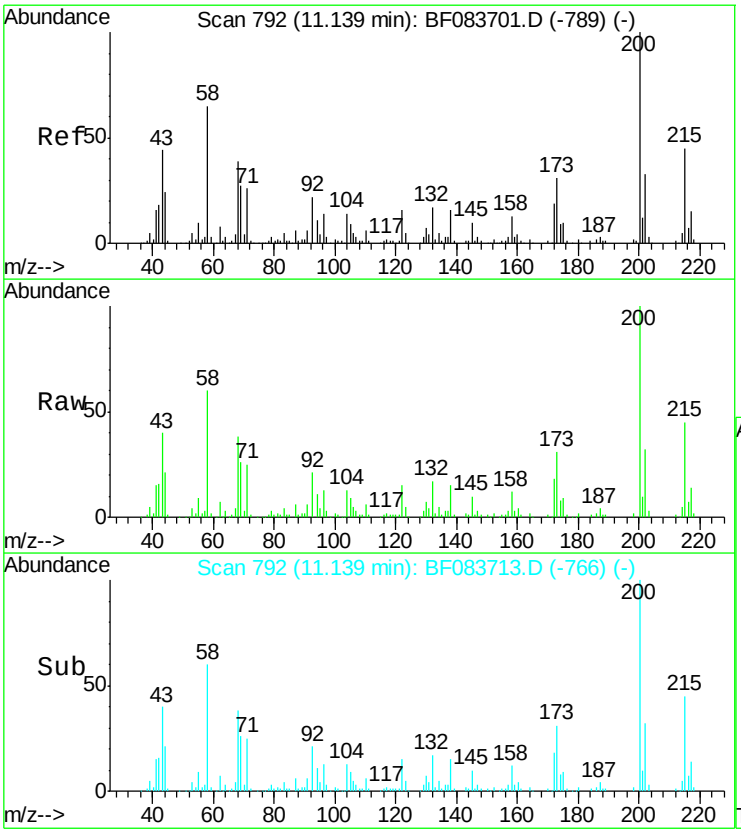
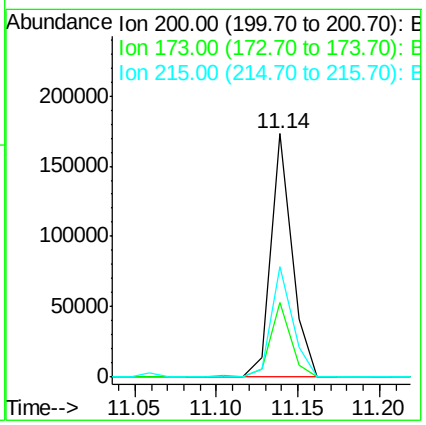
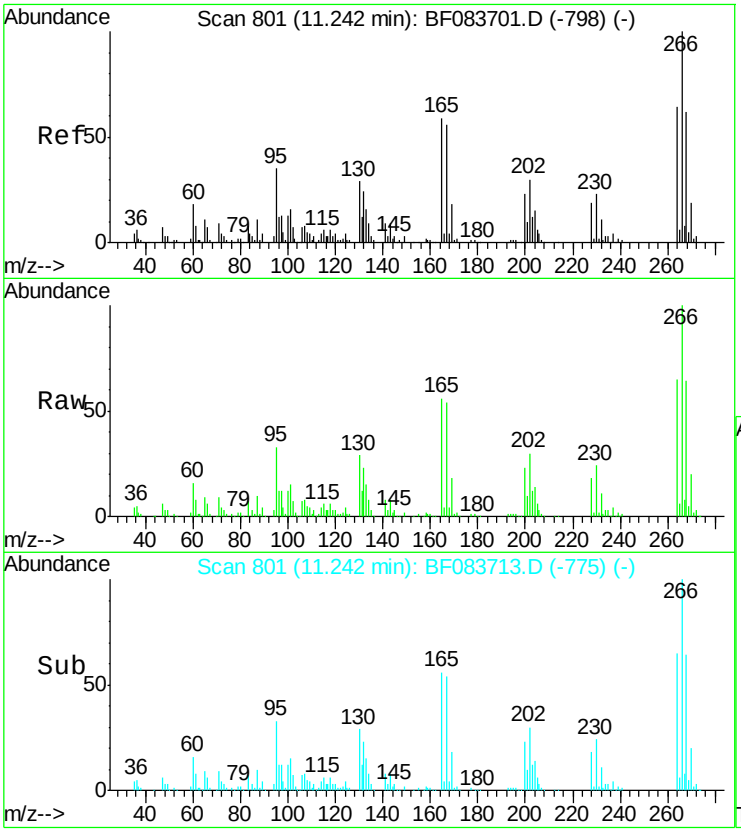


#68
Atrazine
Concen: 34.90 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:200 Resp: 156991

Ion	Ratio	Lower	Upper
200	100		
173	30.6	7.8	47.8
215	45.3	25.7	65.7

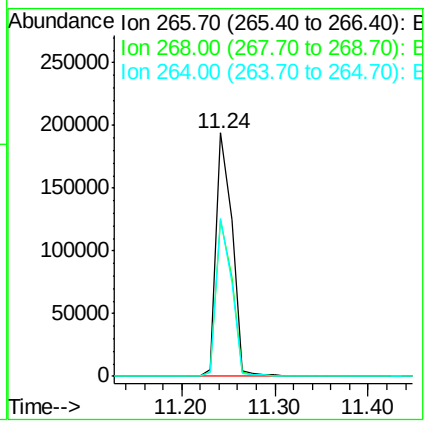




#69
Pentachlorophenol
Concen: 74.34 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:266 Resp: 229522

Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.2	75.2
264	64.7	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
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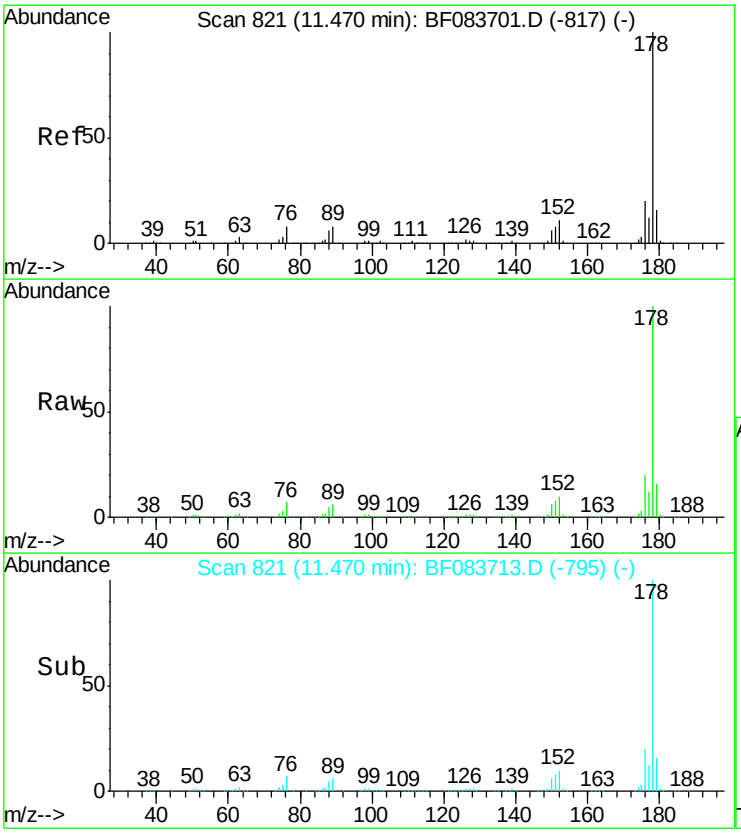
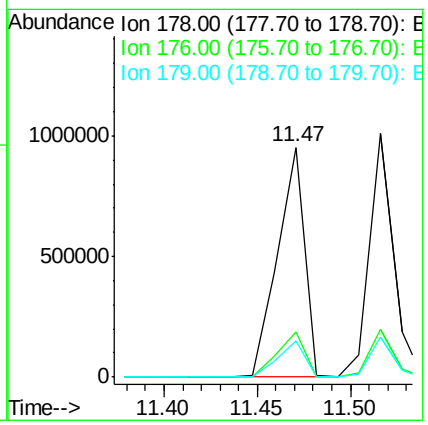
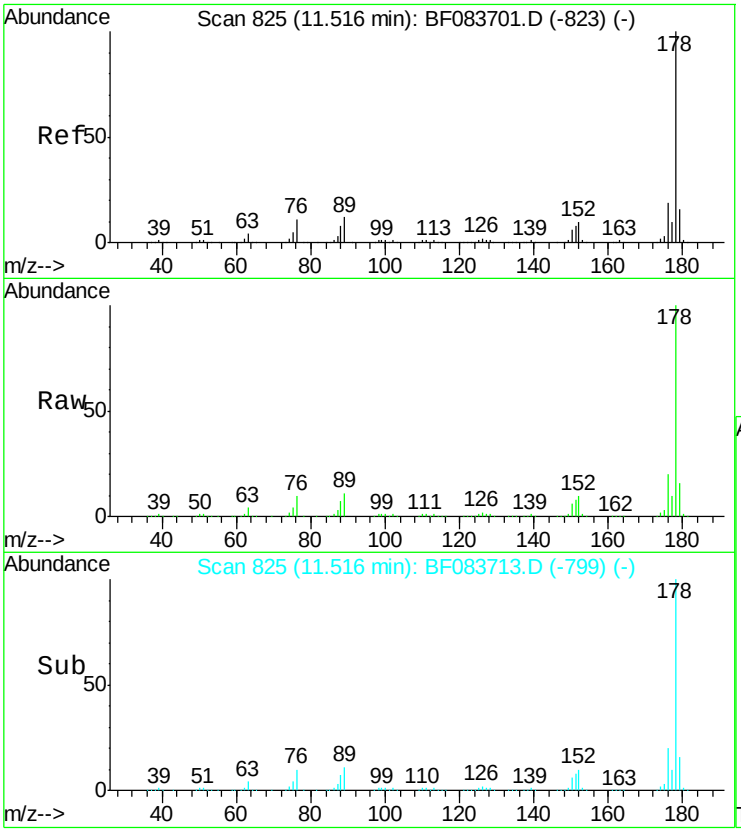


#70
Phenanthrene
Concen: 37.10 ng
RT: 11.47 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:178 Resp: 962429

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	15.6	12.2	18.4

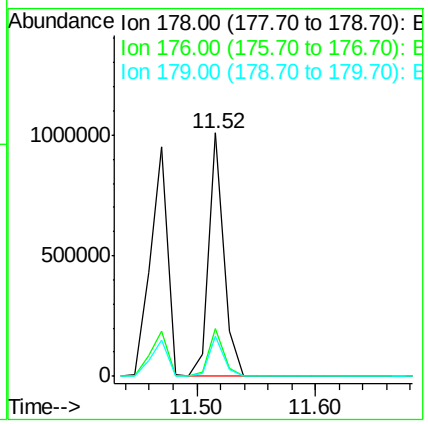




#71
Anthracene
Concen: 33.09 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:178 Resp: 886093

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	16.3	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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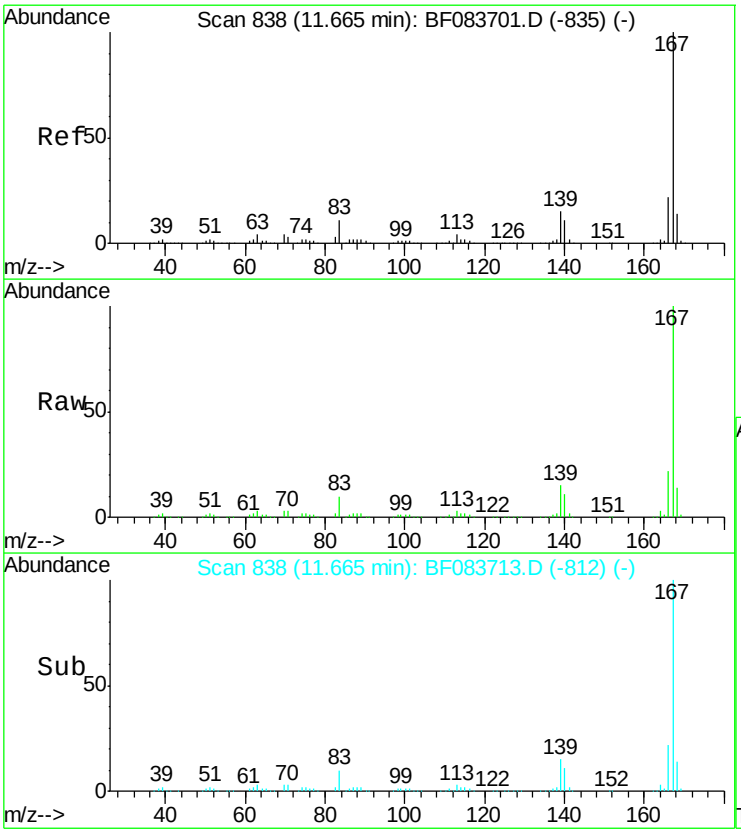
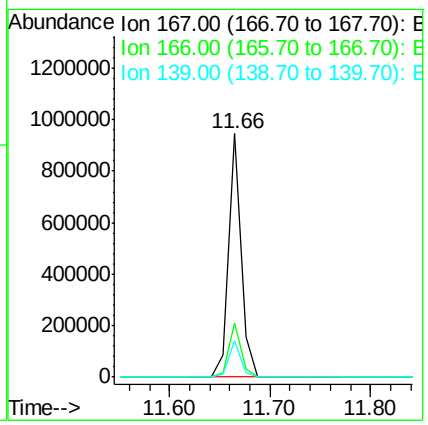
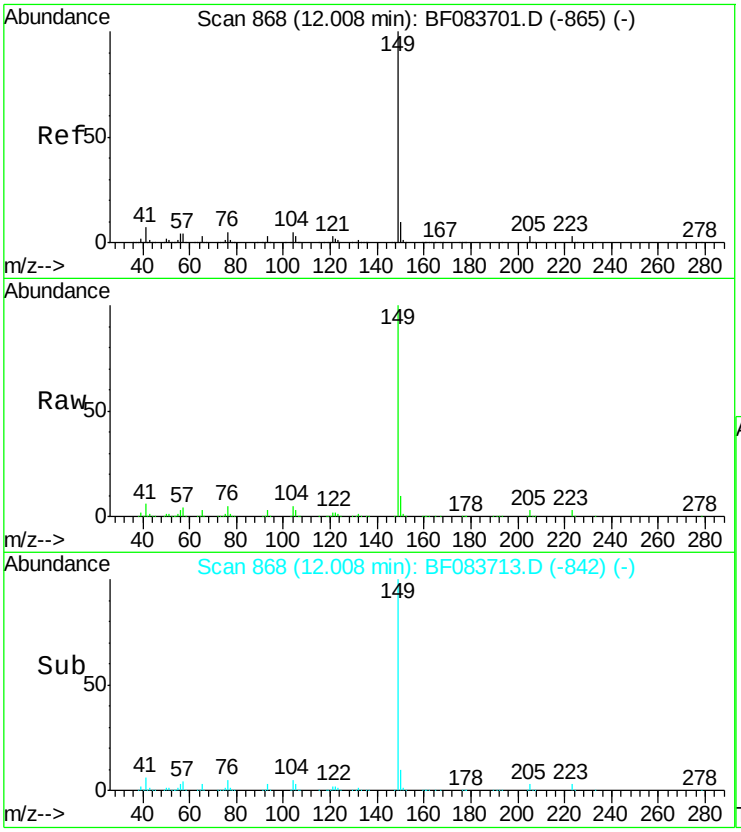


#72
Carbazole
Concen: 33.32 ng
RT: 11.66 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:167 Resp: 819231

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.2	25.8
139	14.6	9.3	13.9#

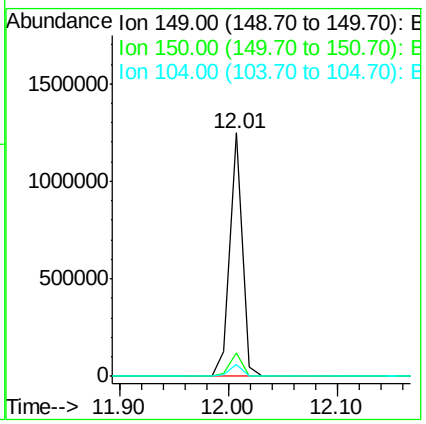




#73
Di-n-butylphthalate
Concen: 36.64 ng
RT: 12.01 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:149 Resp: 981613

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	4.9	3.9	5.9



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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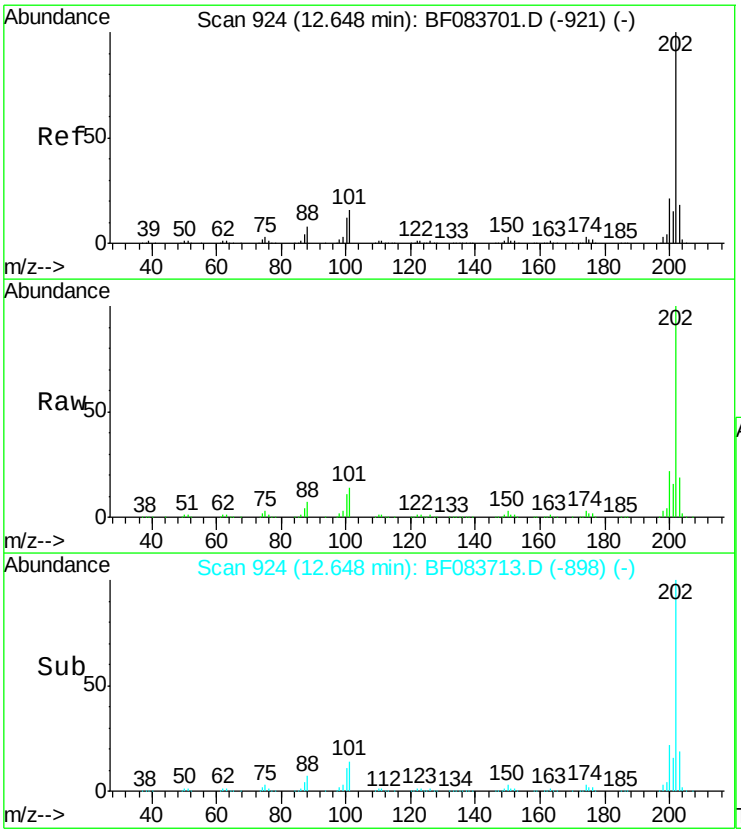
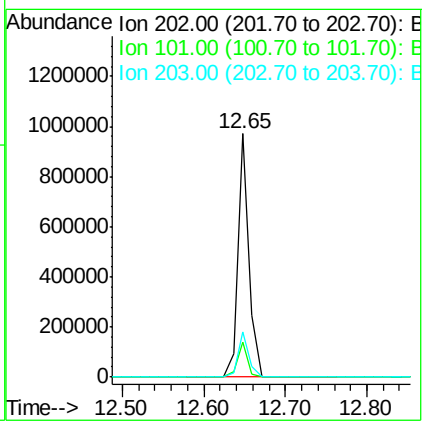
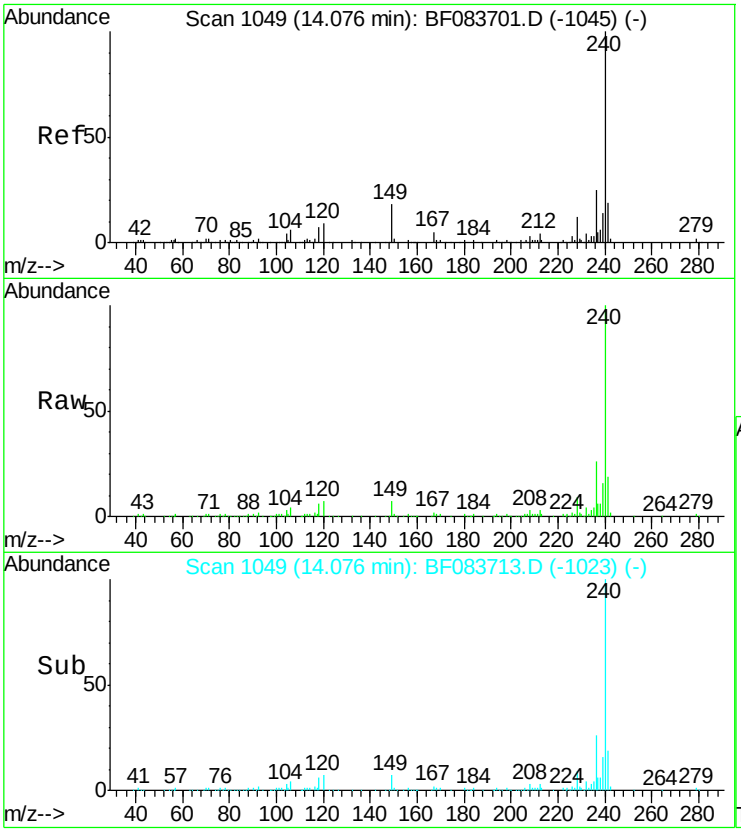


#74
Fluoranthene
Concen: 33.42 ng
RT: 12.65 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:202 Resp: 907119

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	31.5
203	18.6	0.0	37.6





#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:240 Resp: 321044

Ion	Ratio	Lower	Upper
240	100		
120	6.7	8.1	12.1#
236	26.2	20.8	31.2

Instrument :
BNA_F
ClientSampleId :
PB87230BS

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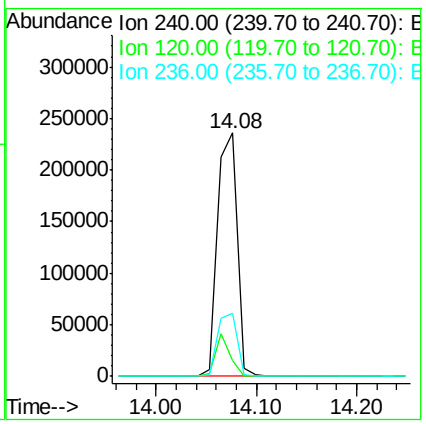
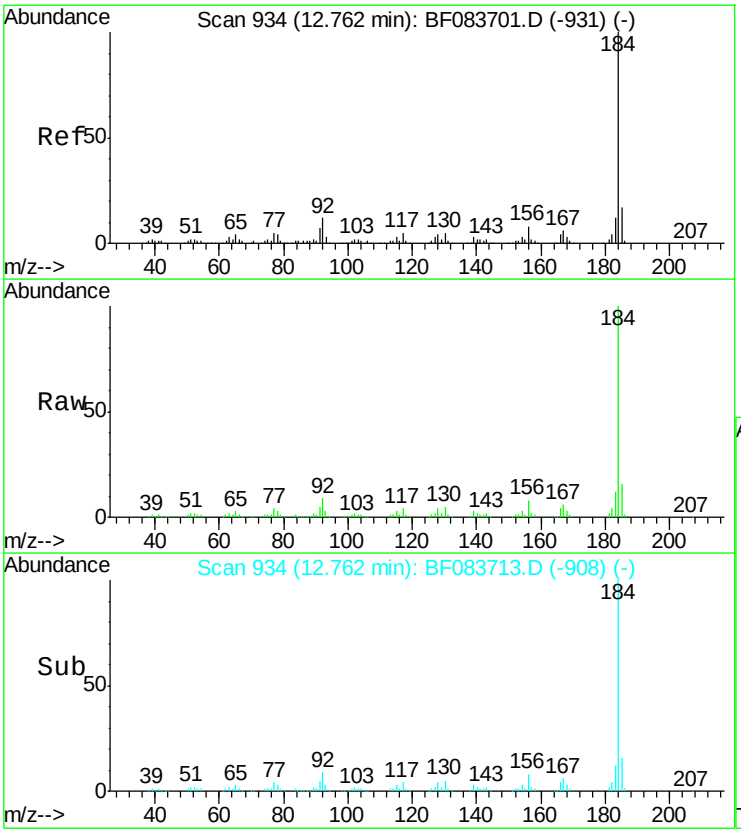
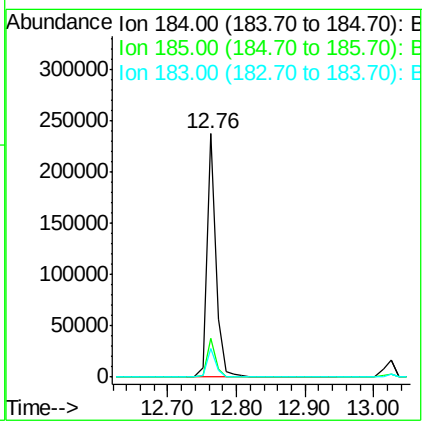


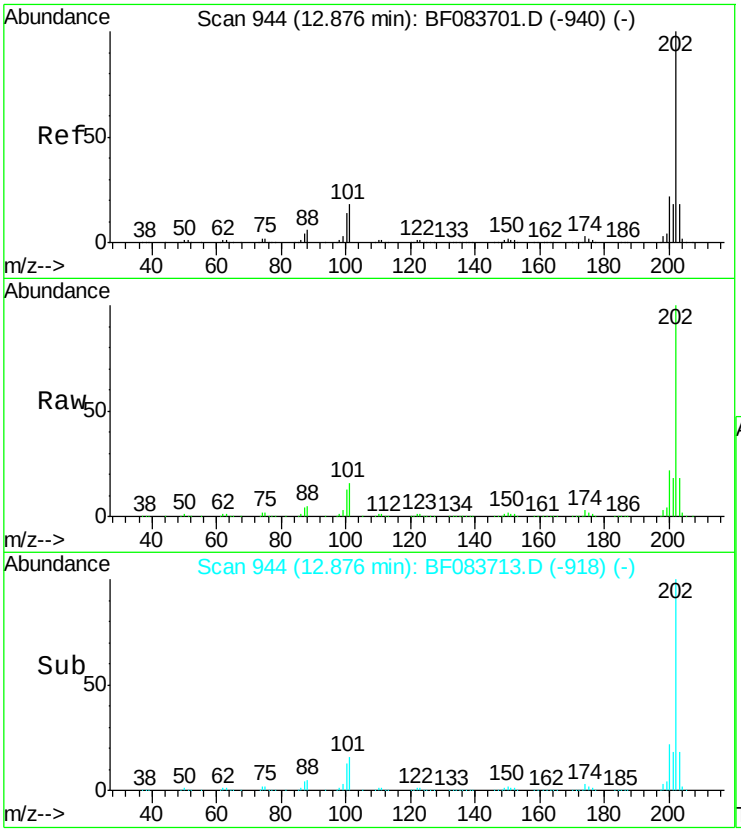


#76
Benzidine
Concen: 17.58 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:184 Resp: 217563

Ion	Ratio	Lower	Upper
184	100		
185	16.1	13.0	19.6
183	11.9	9.0	13.4

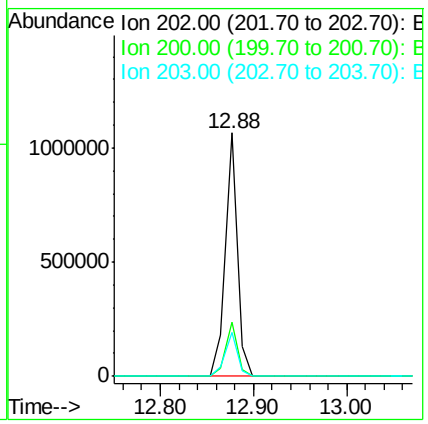




#77
Pyrene
Concen: 37.61 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:202 Resp: 952143

Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.7	25.1
203	18.3	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
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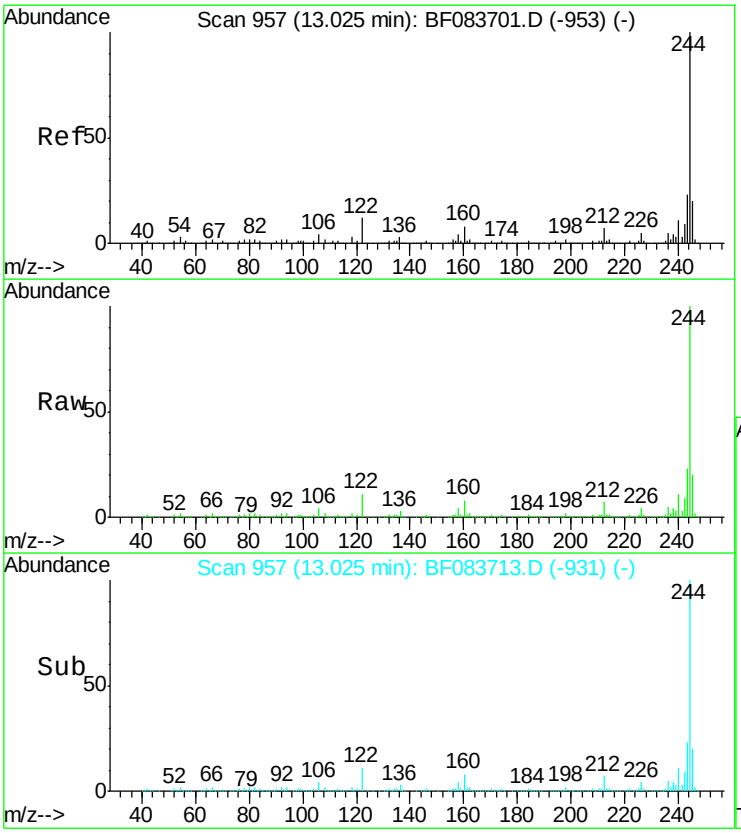
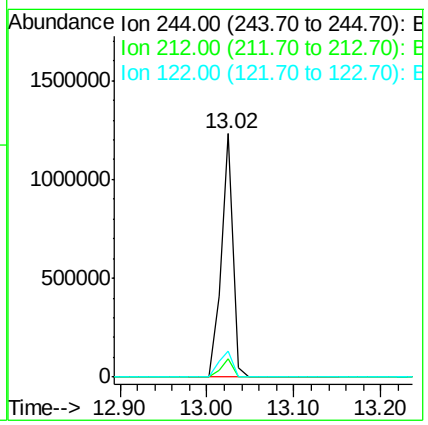
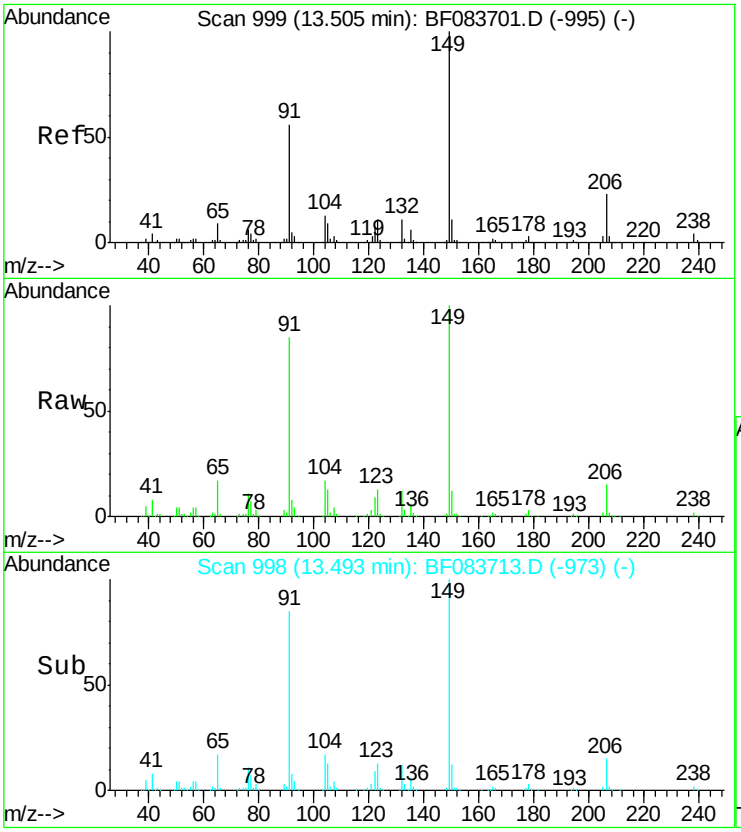


#78
Terphenyl-d14
Concen: 81.44 ng
RT: 13.02 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:244 Resp: 1164281

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	10.9	11.0	16.6#

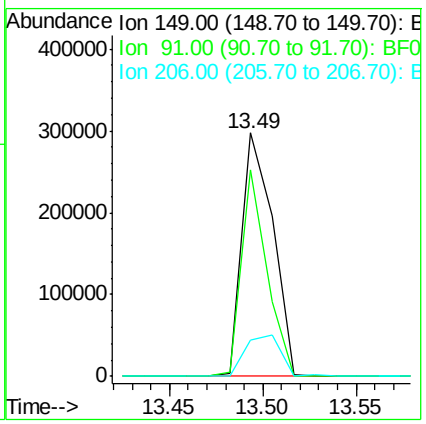




#79
Butylbenzylphthalate
Concen: 42.23 ng
RT: 13.49 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:149 Resp: 342721

Ion	Ratio	Lower	Upper
149	100		
91	84.7	60.0	90.0
206	14.9	16.2	24.4#



Instrument :
BNA_F
ClientSampleId :
PB87230BS

Manual Integrations APPROVED
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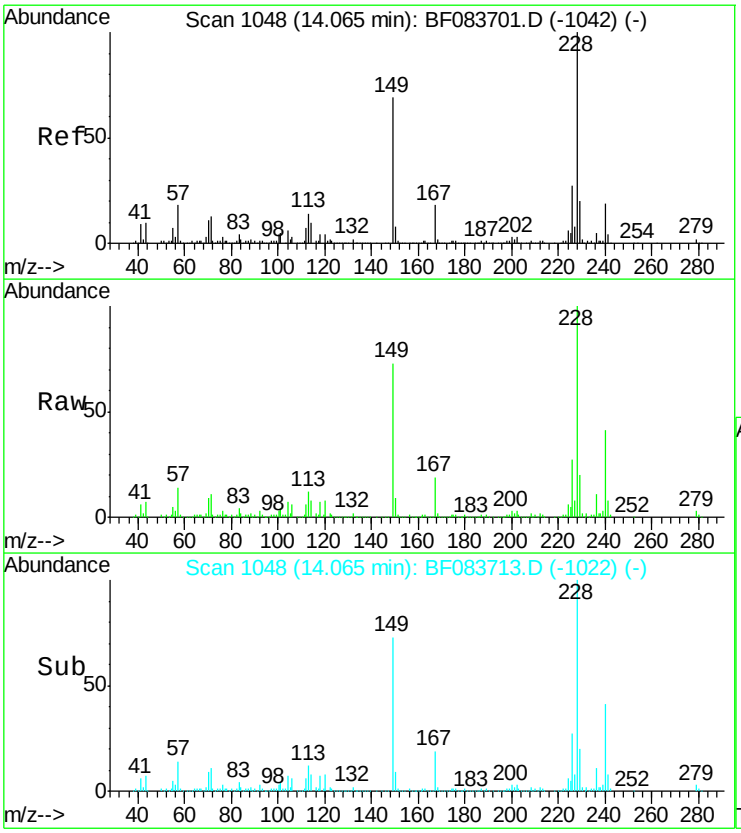
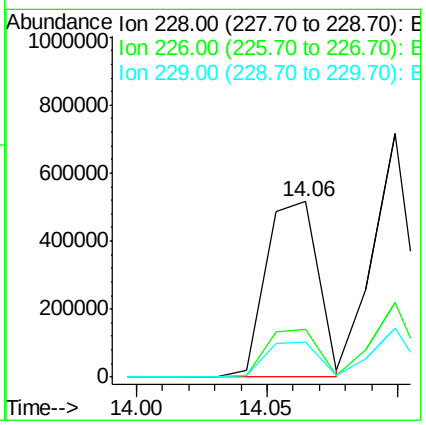
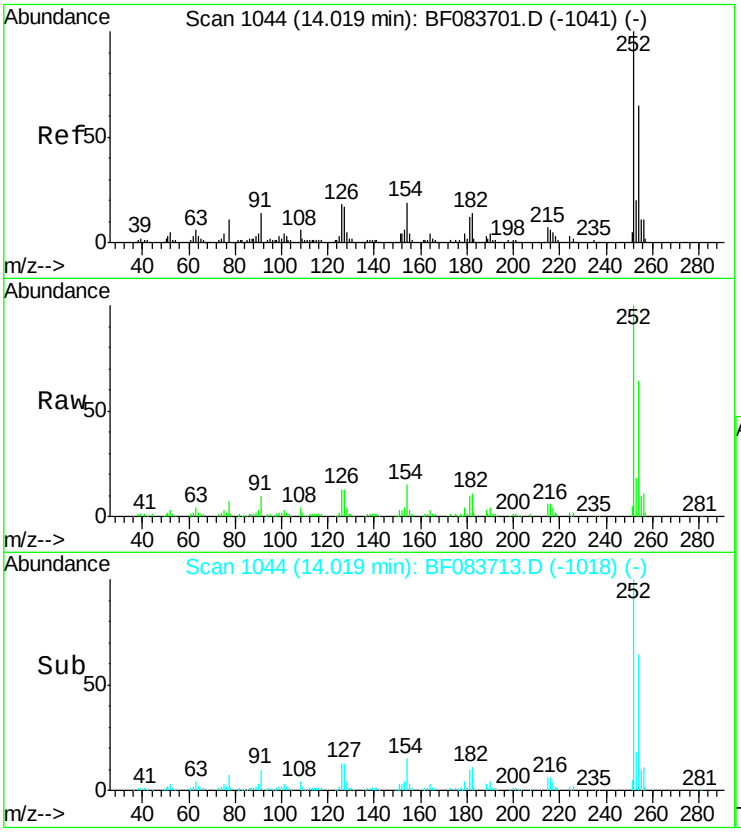


#80
Benzo(a)anthracene
Concen: 37.95 ng
RT: 14.06 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:228 Resp: 713896

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	19.6	15.7	23.5

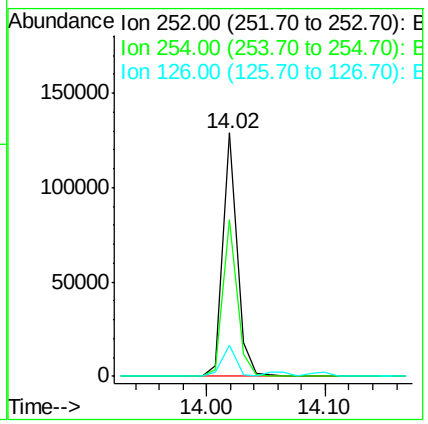




#81
3,3'-Dichlorobenzidine
Concen: 17.85 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:252 Resp: 106736

Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.6	76.0
126	13.0	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
PB87230BS

Manual Integrations APPROVED
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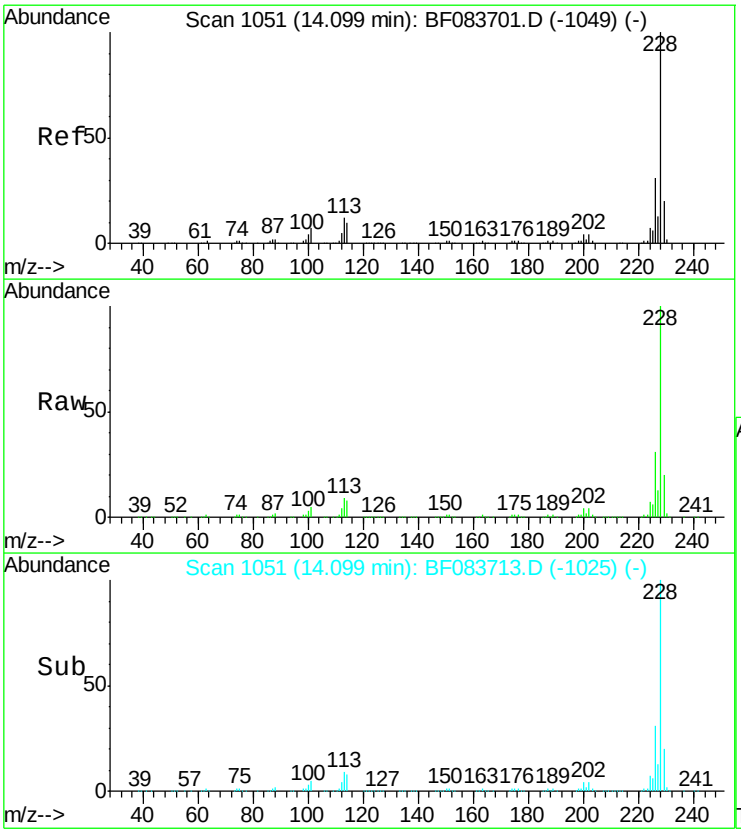
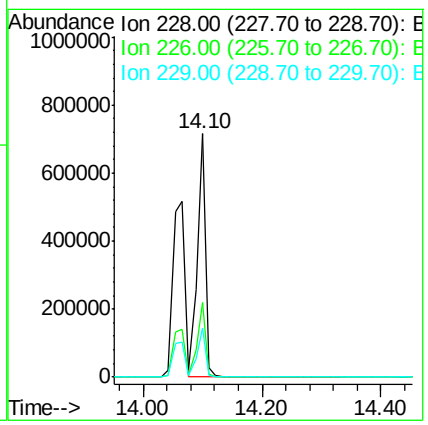
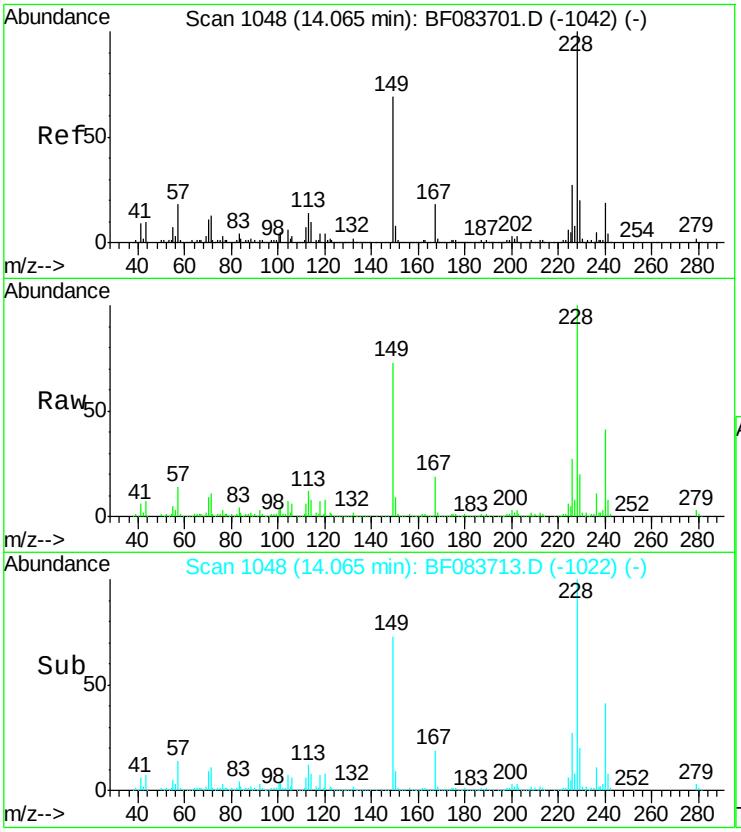


#82
Chrysene
Concen: 38.69 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:228 Resp: 699896

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	20.0	16.3	24.5

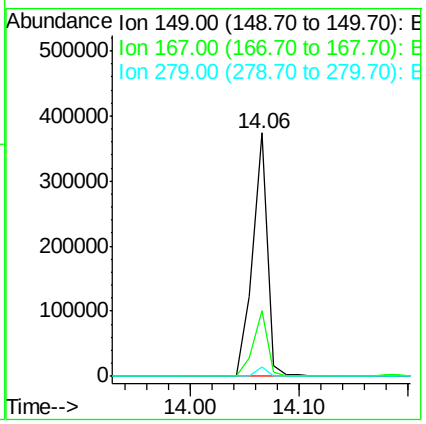




#83
Bis(2-ethylhexyl)phthalate
Concen: 40.51 ng
RT: 14.06 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:149 Resp: 355616

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.8	32.8
279	4.1	3.0	4.4



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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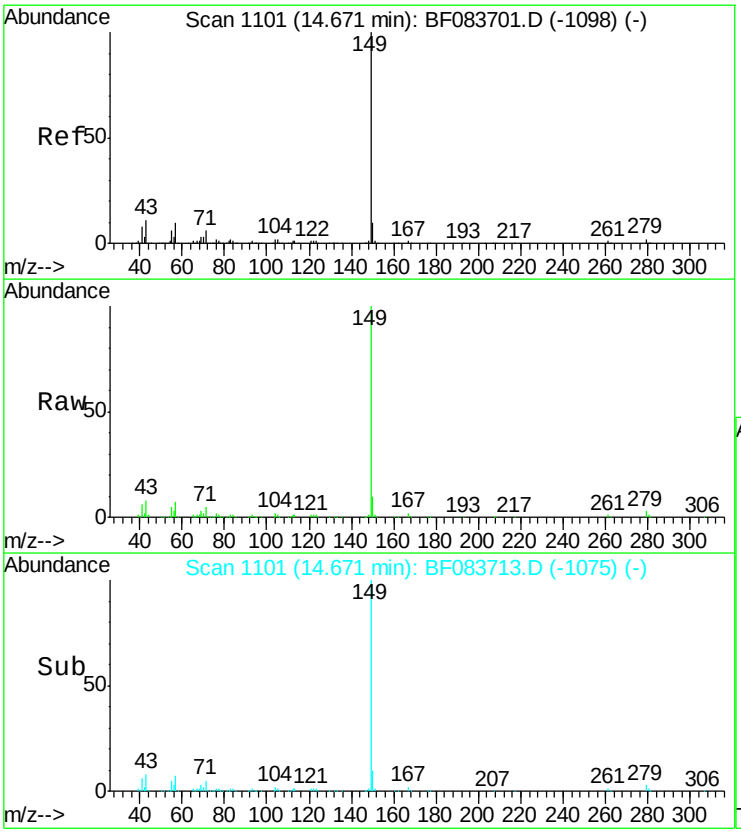
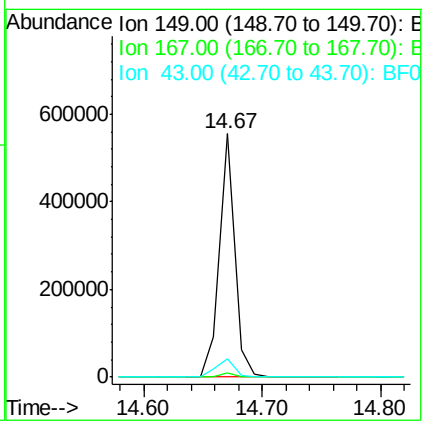
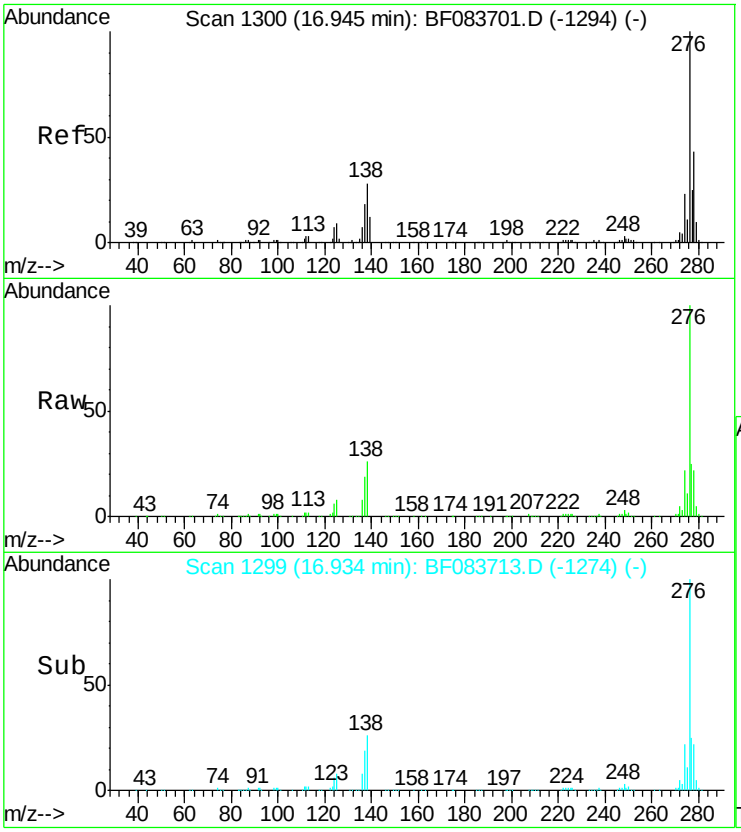


#84
Di-n-octyl phthalate
Concen: 37.12 ng
RT: 14.67 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:149 Resp: 492485

Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	9.0	0.0	0.0#

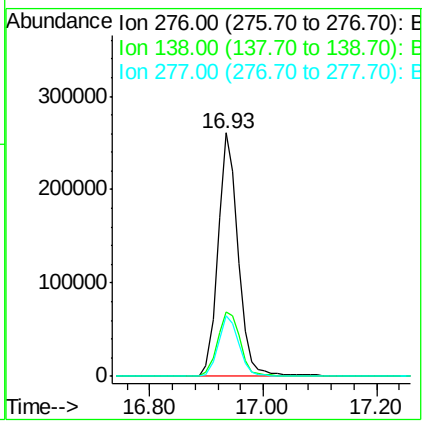




#85
Indeno(1,2,3-cd)pyrene
Concen: 33.84 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:276 Resp: 645289

Ion	Ratio	Lower	Upper
276	100		
138	29.9	0.0	0.0#
277	25.6	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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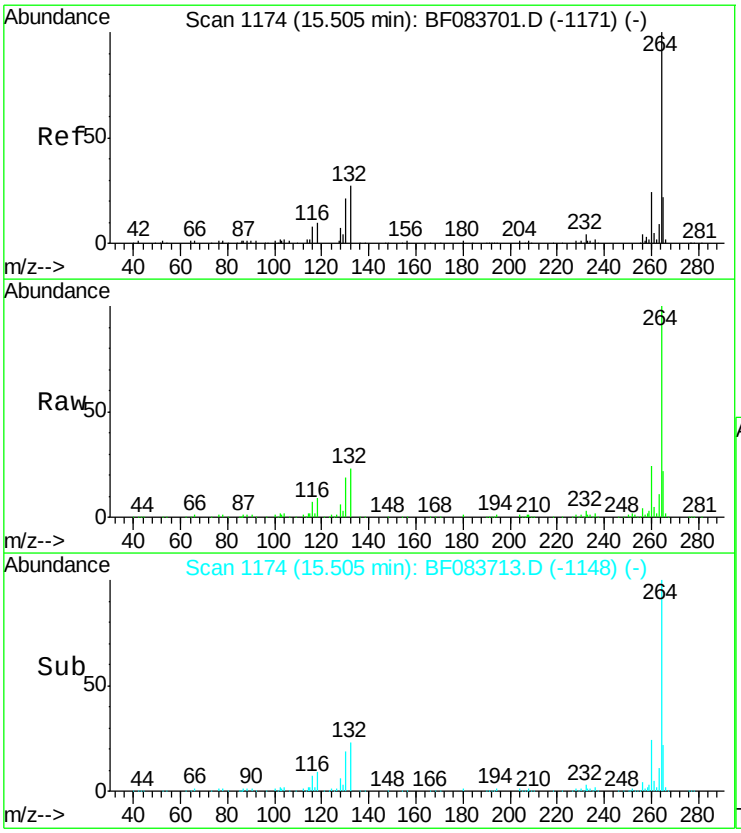
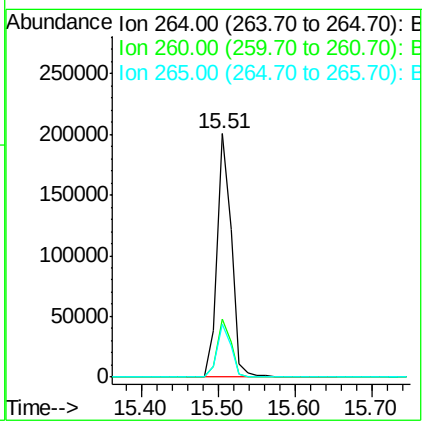
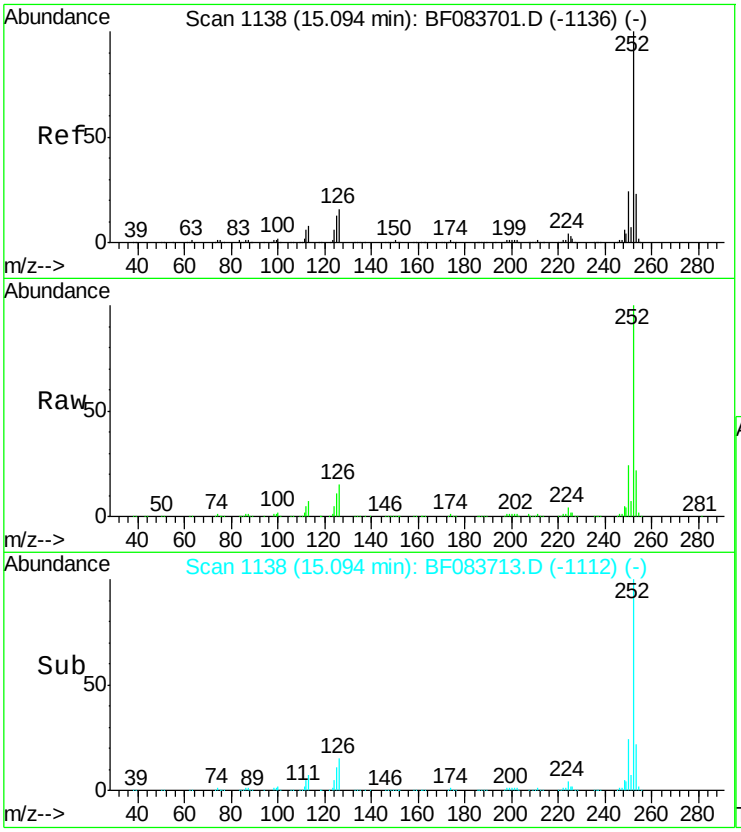


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:264 Resp: 262469

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.7	17.8	26.6

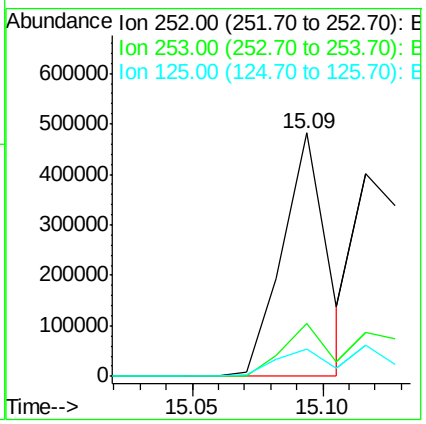




#87
Benzo(b)fluoranthene
Concen: 34.49 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:252 Resp: 562628

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	11.0	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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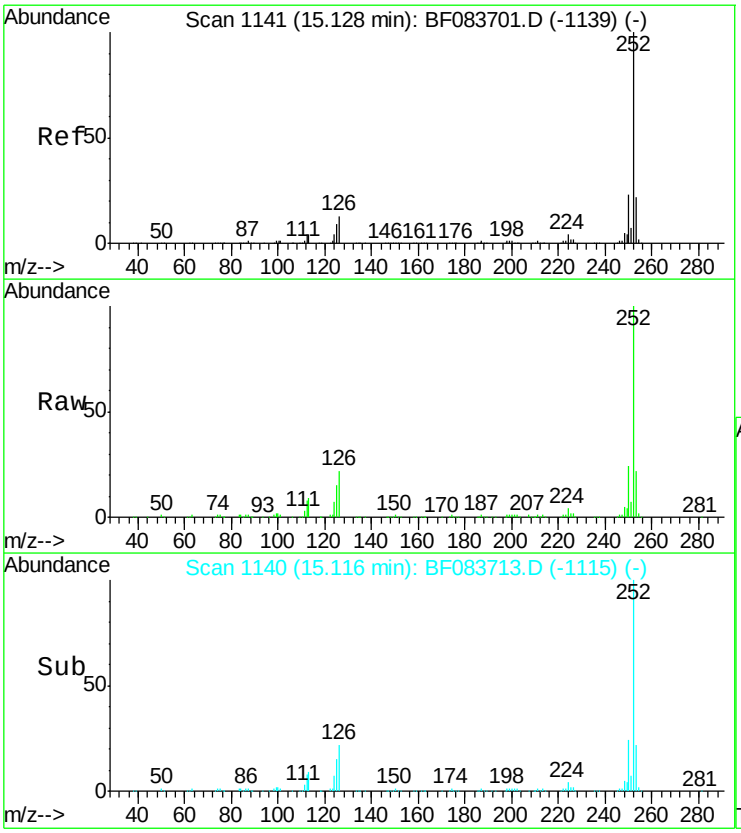
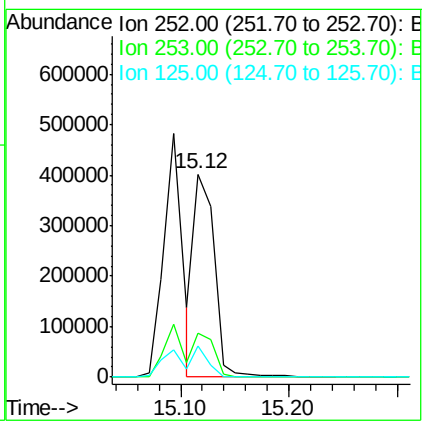
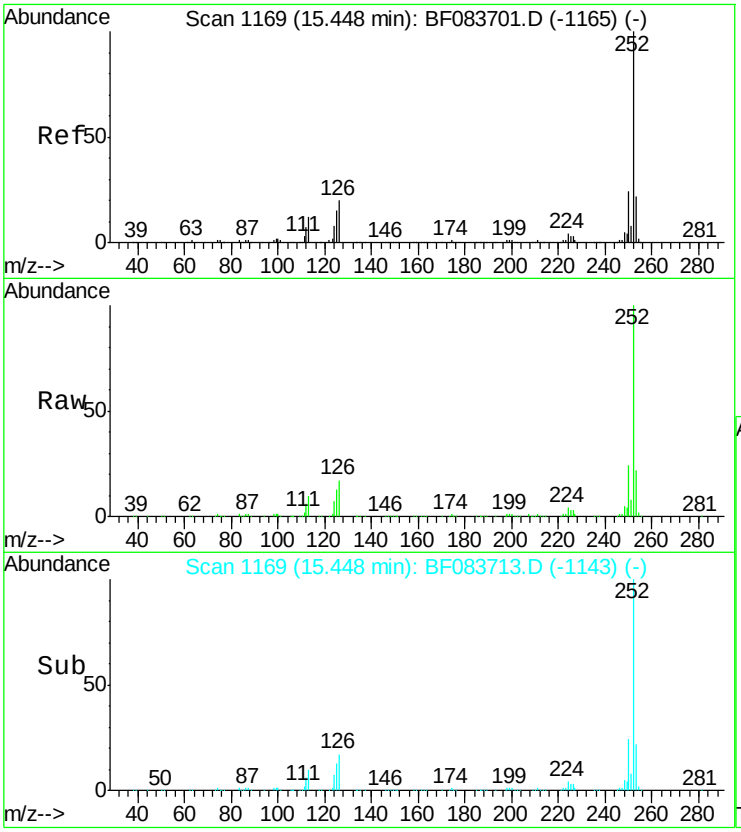


#88
Benzo(k)fluoranthene
Concen: 34.91 ng m
RT: 15.12 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:252 Resp: 543068

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.6	27.8
125	15.1	11.5	17.3

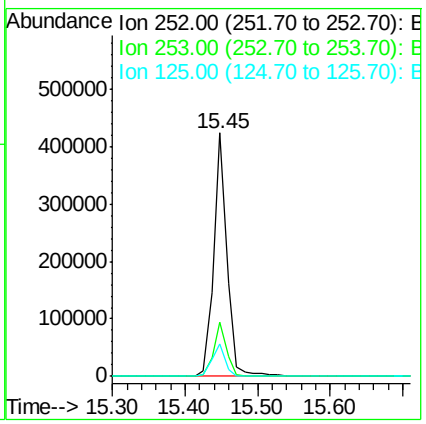




#89
Benzo(a)pyrene
Concen: 36.26 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:252 Resp: 537914

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	13.1	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
PB87230BS

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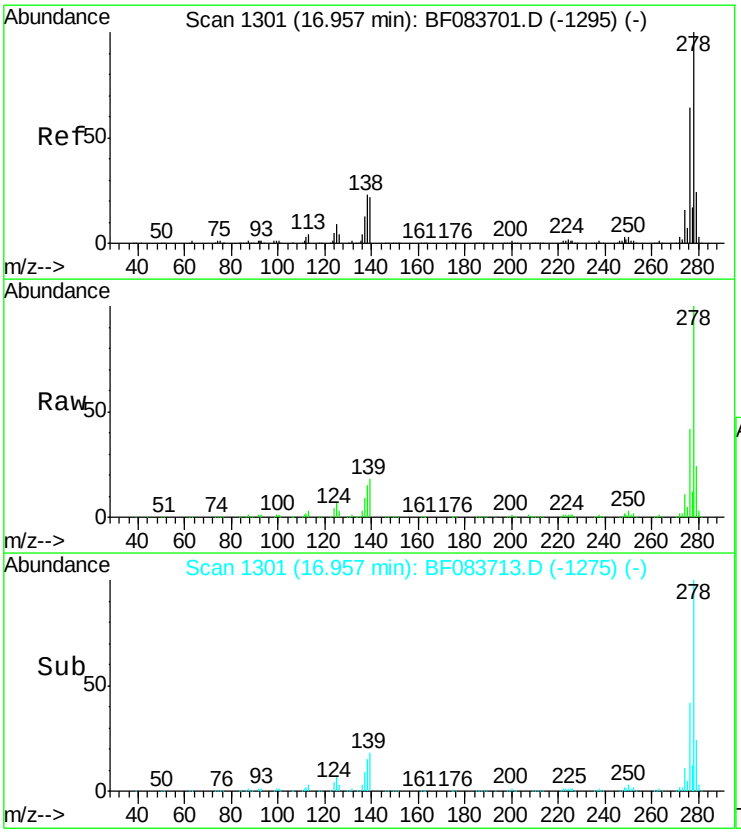
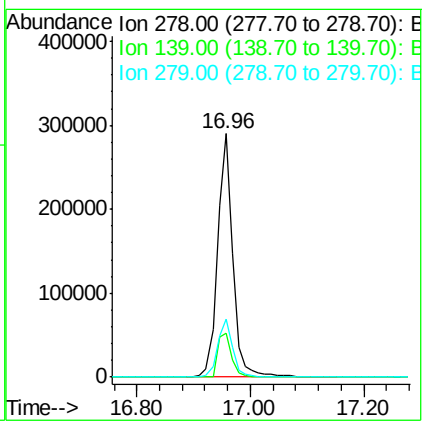
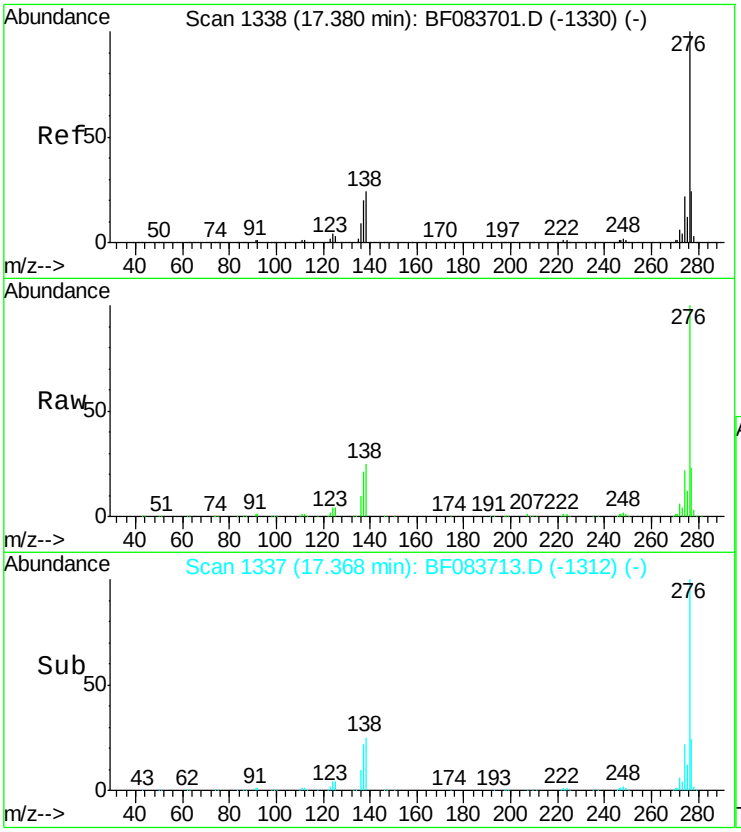


#90
Dibenzo(a,h)anthracene
Concen: 37.02 ng
RT: 16.96 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:278 Resp: 543996

Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.8	19.2
279	24.0	18.6	28.0

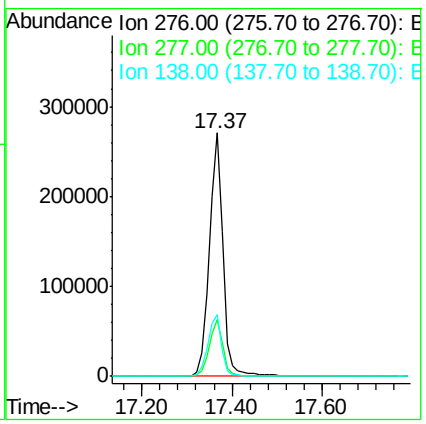




#91
Benzo(g,h,i)perylene
Concen: 36.87 ng
RT: 17.37 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:276 Resp: 571388

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	25.3	19.5	29.3



Instrument :
BNA_F
ClientSampleId :
PB87230BS

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:22:32 PM