Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
Data File : BF080369.D
Acq On : 7 Jul 2015 5:16
Operator : TP/IZ
Sample : IDOC-04-W-UM
Misc : IDOC-W-UM
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDOC-04-W-UM

Manual Integrations APPROVED
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7/7/2015 4:27:02 PM

Quant Time: Jul 07 06:58:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 03:05:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	37091	20.00	ng		0.00
21) Naphthalene-d8	8.52	136	143794	20.00	ng		0.00
38) Acenaphthene-d10	10.29	164	67530	20.00	ng		0.00
63) Phenanthrene-d10	11.79	188	148511	20.00	ng		0.00
75) Chrysene-d12	14.71	240	152187	20.00	ng		-0.03
86) Perylene-d12	16.53	264	146322	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	284379	140.42	ng		0.00
7) Phenol-d6	6.84	99	366971	136.70	ng		0.01
23) Nitrobenzene-d5	7.79	82	222485	90.25	ng		0.00
41) 2,4,6-Tribromophenol	11.08	330	97371	137.80	ng		0.00
44) 2-Fluorobiphenyl	9.60	172	465672	93.06	ng		0.00
78) Terphenyl-d14	13.46	244	577771	88.55	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.04	88	32549	34.04	ng		90
3) Pyridine	3.88	79	88022	36.17	ng		98
4) n-Nitrosodimethylamine	3.78	42	47169	41.25	ng		99
6) Aniline	6.89	93	107250	28.85	ng		99
8) 2-Chlorophenol	7.01	128	105215	44.82	ng		98
9) Benzaldehyde	6.77	77	32843	22.00	ng		99
10) Phenol	6.85	94	137649	47.28	ng		97
11) bis(2-Chloroethyl)ether	6.94	93	93287	42.48	ng		98
12) 1,3-Dichlorobenzene	7.17	146	119275	41.39	ng		100
13) 1,4-Dichlorobenzene	7.24	146	112208m	41.69	ng		
14) 1,2-Dichlorobenzene	7.40	146	116779	42.87	ng		100
15) Benzyl Alcohol	7.36	79	93271	44.88	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.49	45	156033	43.94	ng		99
17) 2-Methylphenol	7.47	107	78456	43.12	ng		95
18) Hexachloroethane	7.74	117	35673	41.25	ng	#	61
19) n-Nitroso-di-n-propylamine	7.63	70	73042	41.93	ng		99
20) 3+4-Methylphenols	7.62	107	111435	43.94	ng		97
22) Acetophenone	7.63	105	151106	45.55	ng	#	99
24) Nitrobenzene	7.80	77	106652	43.07	ng		99
25) Isophorone	8.04	82	211682	44.61	ng		99
26) 2-Nitrophenol	8.13	139	47624	44.44	ng		98
27) 2,4-Dimethylphenol	8.16	122	96025	45.54	ng		98
28) bis(2-Chloroethoxy)methane	8.25	93	134307	45.57	ng		100
29) 2,4-Dichlorophenol	8.37	162	85485	45.66	ng		98
30) 1,2,4-Trichlorobenzene	8.46	180	87945	39.53	ng		100
31) Naphthalene	8.54	128	296787m	40.24	ng		
32) Benzoic acid	8.22	122	56245	49.24	ng		98
33) 4-Chloroaniline	8.58	127	77674	26.42	ng		98
34) Hexachlorobutadiene	8.66	225	57464	42.45	ng		98
35) Caprolactam	8.92	113	26357	45.59	ng	#	82
36) 4-Chloro-3-methylphenol	9.06	107	82631	42.78	ng	#	70
37) 2-Methylnaphthalene	9.23	142	201143	42.77	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	91142	42.58	ng		97
40) Hexachlorocyclopentadiene	9.39	237	71202	80.03	ng		99

Quantitation Report (QT Reviewed)

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Data File : BF080369.D
Acq On : 7 Jul 2015 5:16
Operator : TP/IZ
Sample : IDOC-04-W-UM
Misc : IDOC-W-UM
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDOC-04-W-UM

Manual Integrations APPROVED
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Quant Time: Jul 07 06:58:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 03:05:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	61189	43.40	ng		96
43) 2,4,5-Trichlorophenol	9.55	196	73276	44.59	ng		98
45) 1,1'-Biphenyl	9.70	154	270425	45.12	ng		99
46) 2-Chloronaphthalene	9.73	162	193885	42.42	ng		99
47) 2-Nitroaniline	9.81	65	63614	49.74	ng		99
48) Acenaphthylene	10.14	152	311872	41.00	ng		99
49) Dimethylphthalate	9.98	163	229397	42.31	ng		99
50) 2,6-Dinitrotoluene	10.05	165	53129	46.87	ng		95
51) Acenaphthene	10.33	154	203153	44.61	ng		94
52) 3-Nitroaniline	10.22	138	42343	33.15	ng		97
53) 2,4-Dinitrophenol	10.34	184	39231	79.59	ng		98
54) Dibenzofuran	10.50	168	283917	43.85	ng		99
55) 4-Nitrophenol	10.37	139	86992	92.92	ng		87
56) 2,4-Dinitrotoluene	10.46	165	65014	44.60	ng		98
57) Fluorene	10.84	166	241540	43.32	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.61	232	57210	43.46	ng		100
59) Diethylphthalate	10.69	149	256824	47.42	ng		100
60) 4-Chlorophenyl-phenylether	10.83	204	107652	43.63	ng		99
61) 4-Nitroaniline	10.84	138	55296	44.60	ng		97
62) Azobenzene	10.99	77	223671	43.48	ng		98
64) 4,6-Dinitro-2-methylphenol	10.88	198	30673	36.86	ng		98
65) n-Nitrosodiphenylamine	10.94	169	197792	41.81	ng		99
66) 4-Bromophenyl-phenylether	11.32	248	73162	43.00	ng		94
67) Hexachlorobenzene	11.40	284	74566	41.78	ng		98
68) Atrazine	11.46	200	57680	40.96	ng		99
69) Pentachlorophenol	11.59	266	64155	72.70	ng		93
70) Phenanthrene	11.81	178	372669	41.84	ng		100
71) Anthracene	11.87	178	358974	41.10	ng		99
72) Carbazole	12.02	167	338106	41.50	ng		99
73) Di-n-butylphthalate	12.35	149	373539	40.09	ng	#	98
74) Fluoranthene	13.06	202	397218	41.50	ng		98
76) Benzidine	13.17	184	201264	52.14	ng		98
77) Pyrene	13.31	202	414750	45.06	ng		99
79) Butylbenzylphthalate	14.00	149	182598	49.71	ng		99
80) Benzo(a)anthracene	14.69	228	392970	42.85	ng		100
81) 3,3'-Dichlorobenzidine	14.64	252	115936	38.12	ng	#	97
82) Chrysene	14.74	228	365751	42.62	ng		99
83) Bis(2-ethylhexyl)phthalate	14.67	149	270769	48.36	ng	#	96
84) Di-n-octyl phthalate	15.47	149	449765	48.63	ng		99
85) Indeno(1,2,3-cd)pyrene	18.31	276	428800	42.49	ng		99
87) Benzo(b)fluoranthene	16.02	252	382292	41.57	ng	#	96
88) Benzo(k)fluoranthene	16.05	252	384477	44.17	ng	#	96
89) Benzo(a)pyrene	16.45	252	370736	44.09	ng	#	98
90) Dibenzo(a,h)anthracene	18.33	278	360930	43.58	ng		97
91) Benzo(g,h,i)perylene	18.83	276	359732	42.83	ng		99

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

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Acq On : 7 Jul 2015 5:16
Operator : TP/IZ
Sample : IDOC-04-W-UM
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Quant Time: Jul 07 06:58:02 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 03:05:40 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

Manual Integrations APPROVED
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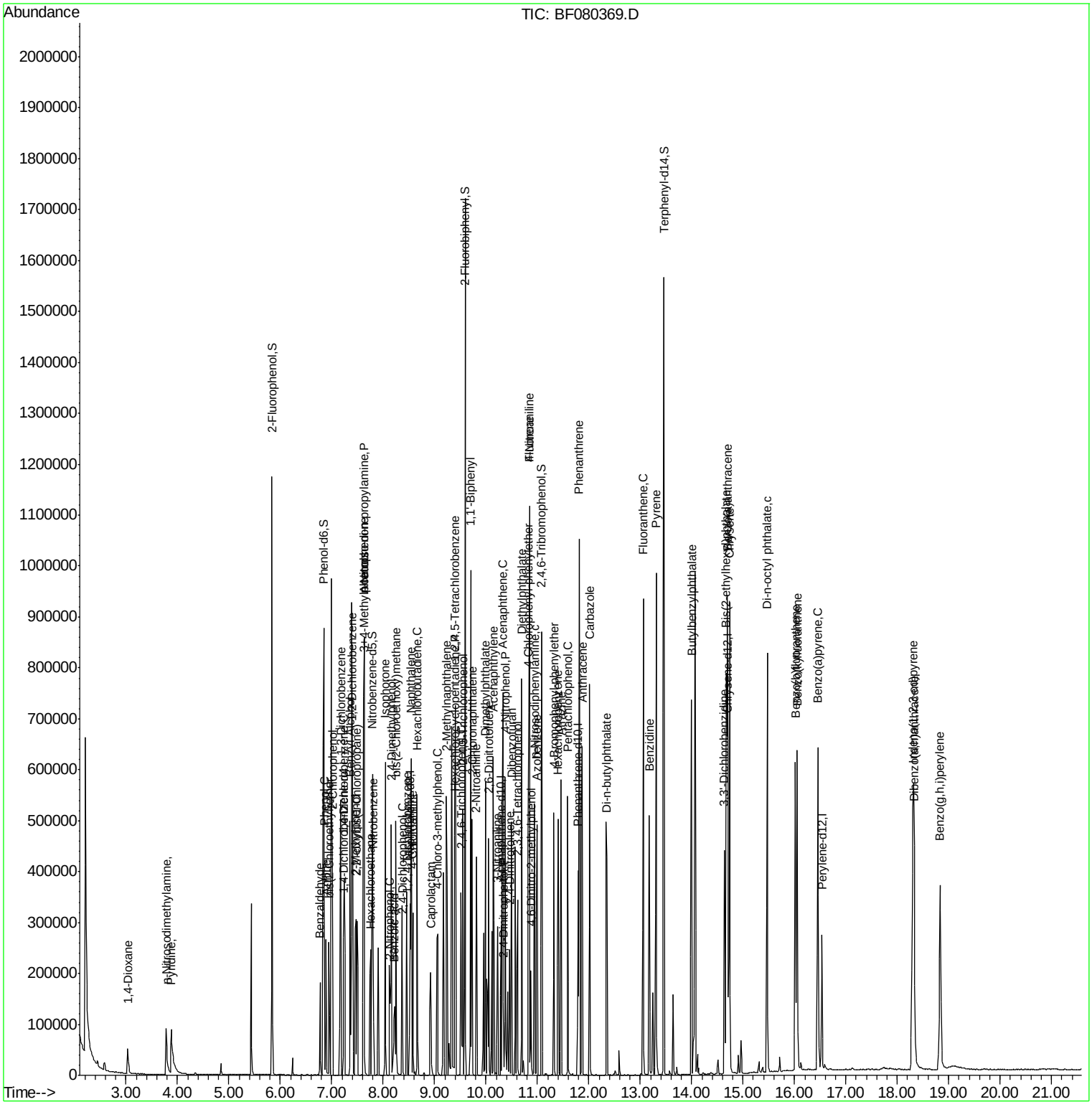
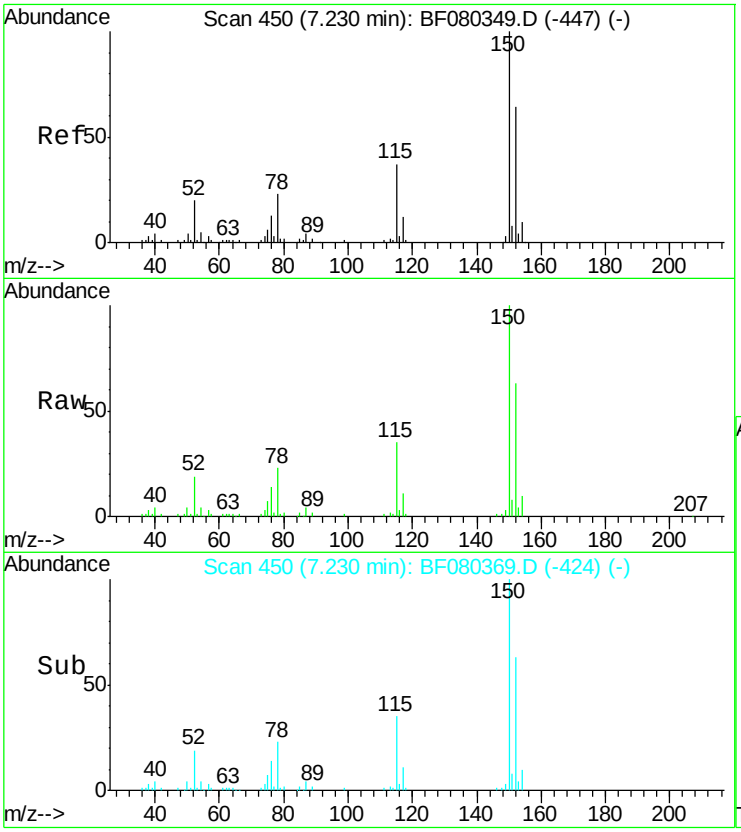
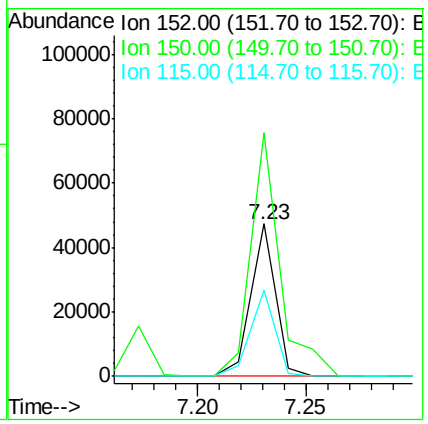




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:152 Resp: 37091

Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.7	187.1
115	56.2	45.7	68.5



Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

Manual Integrations APPROVED
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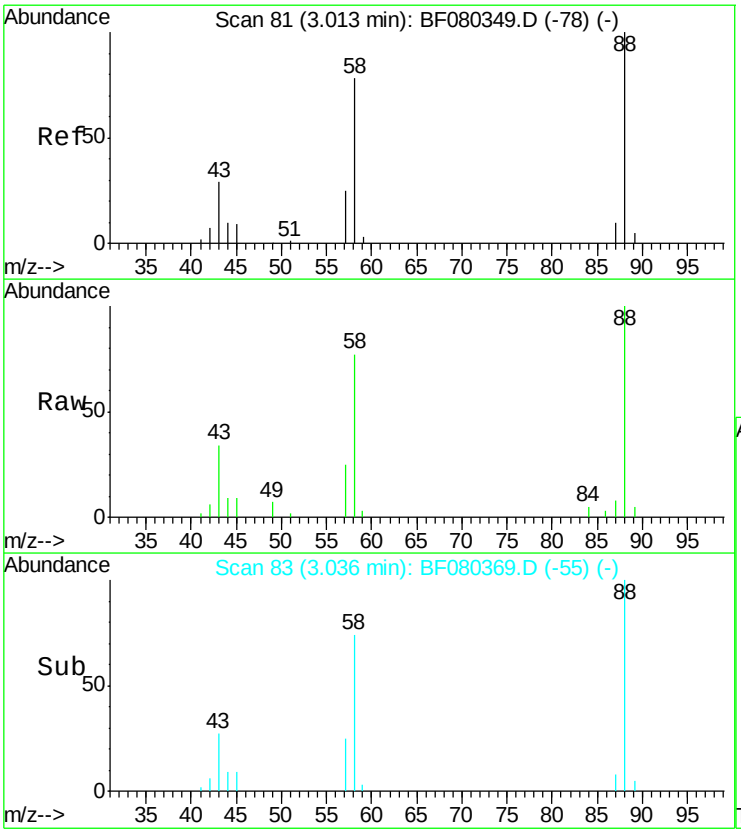
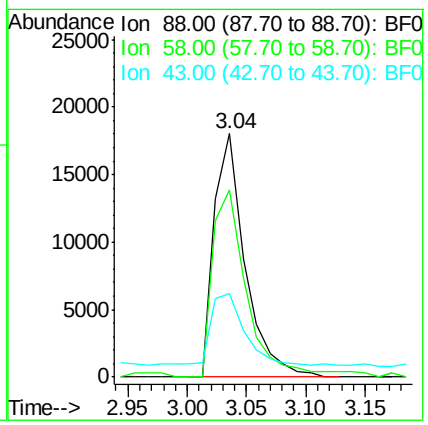
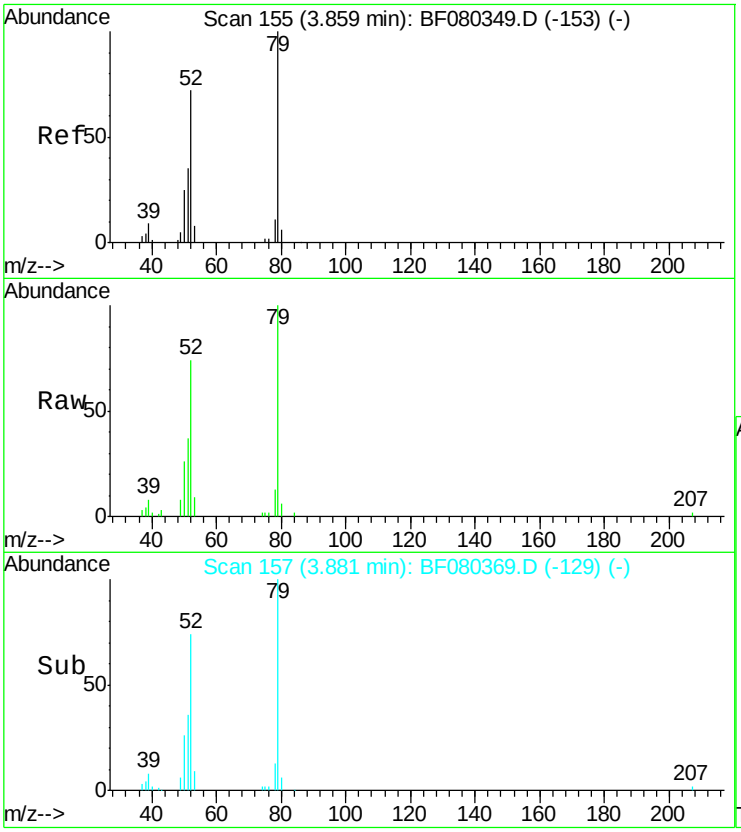


#2
1,4-Dioxane
Concen: 34.04 ng
RT: 3.04 min Scan# 83
Delta R.T. 0.02 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion: 88 Resp: 32549

Ion	Ratio	Lower	Upper
88	100		
58	85.7	61.0	91.6
43	33.4	23.4	35.0

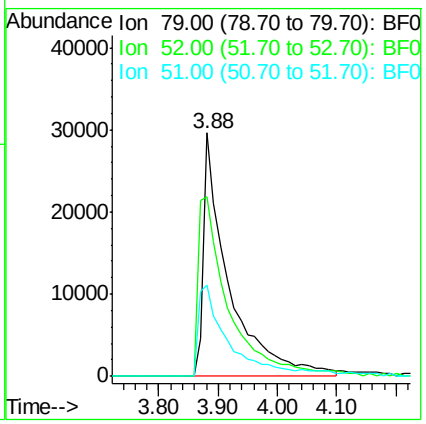




#3
Pyridine
Concen: 36.17 ng
RT: 3.88 min Scan# 157
Delta R.T. 0.02 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion: 79 Resp: 88022

Ion	Ratio	Lower	Upper
79	100		
52	73.9	57.2	85.8
51	37.3	29.4	44.0



Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

Manual Integrations APPROVED
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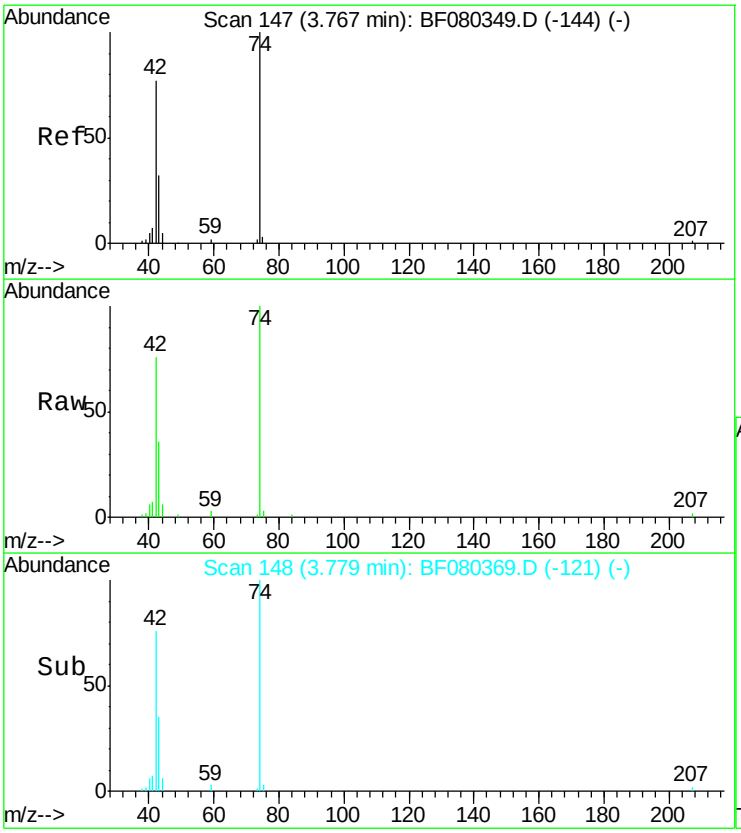
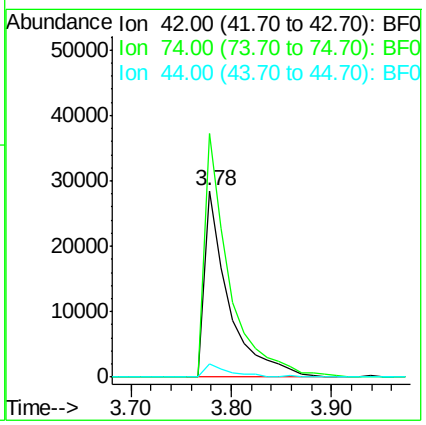
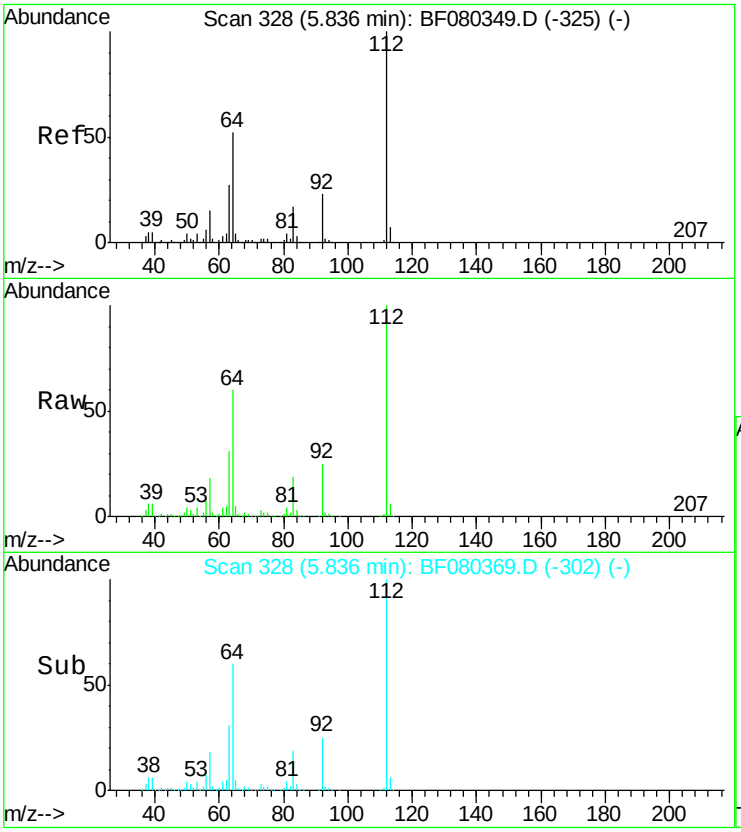


#4
n-Nitrosodimethylamine
Concen: 41.25 ng
RT: 3.78 min Scan# 148
Delta R.T. 0.01 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion: 42 Resp: 47169

Ion	Ratio	Lower	Upper
42	100		
74	130.9	103.4	155.0
44	7.3	5.4	8.0

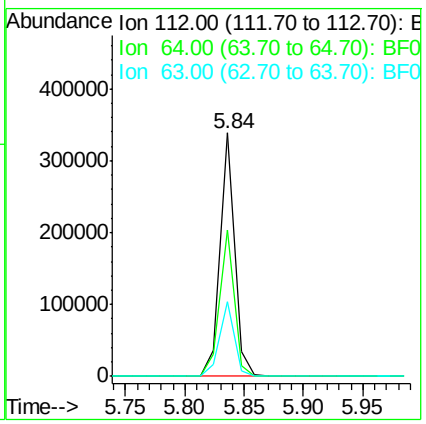




#5
2-Fluorophenol
Concen: 140.42 ng
RT: 5.84 min Scan# 328
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:112 Resp: 284379

Ion	Ratio	Lower	Upper
112	100		
64	60.1	41.8	62.6
63	30.7	21.5	32.3



Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

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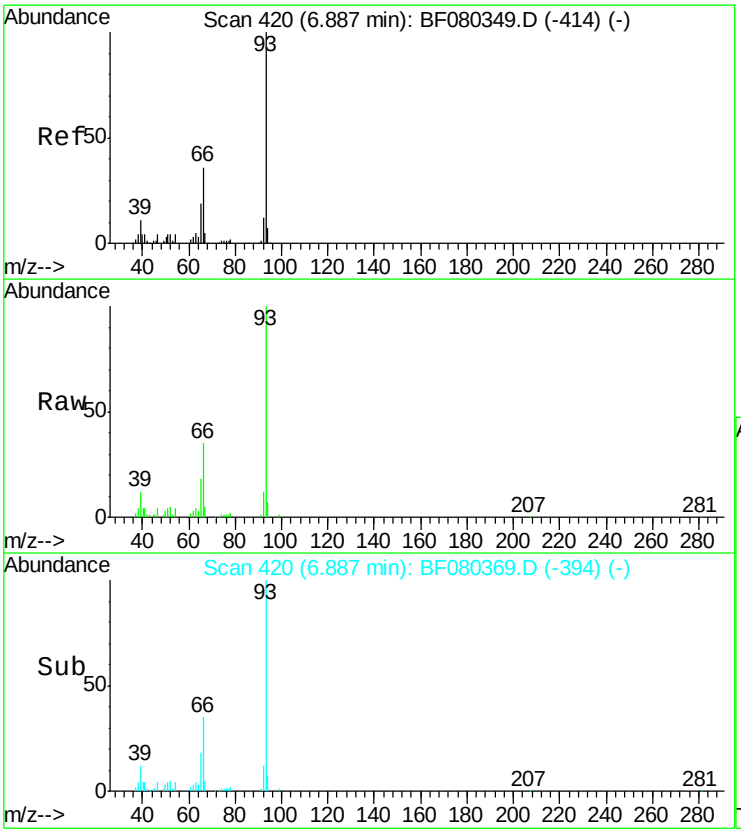
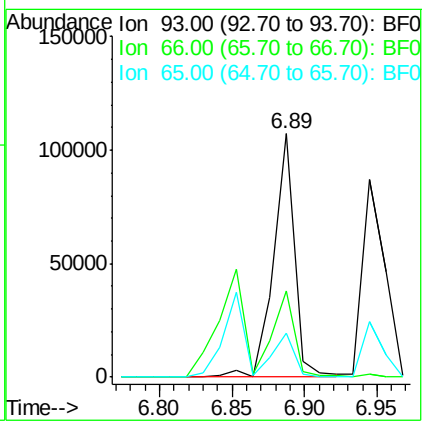
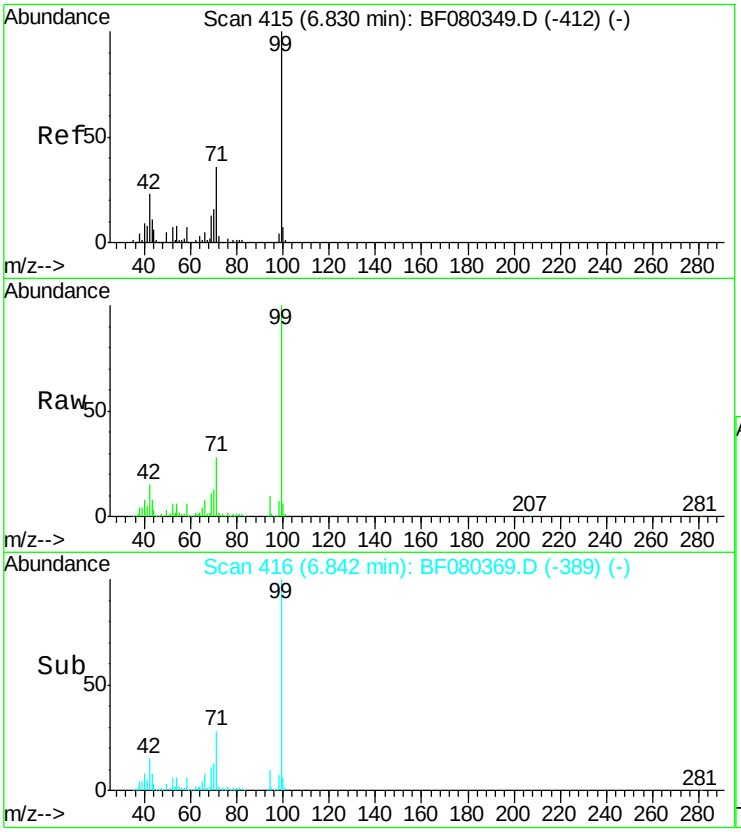


#6
Aniline
Concen: 28.85 ng
RT: 6.89 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion: 93 Resp: 107250

Ion	Ratio	Lower	Upper
93	100		
66	35.2	28.7	43.1
65	17.9	14.8	22.2





#7
Phenol-d6
Concen: 136.70 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.01 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion: 99 Resp: 366971

Ion	Ratio	Lower	Upper
99	100		
42	14.8	18.5	27.7#
71	27.9	28.5	42.7#

Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

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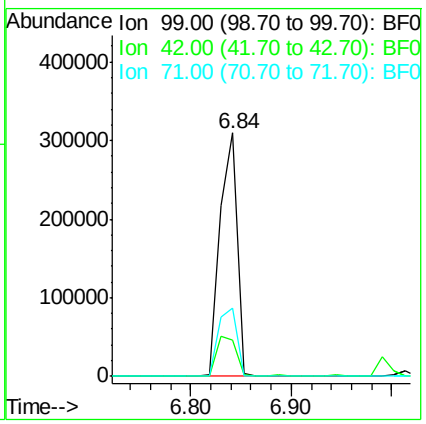
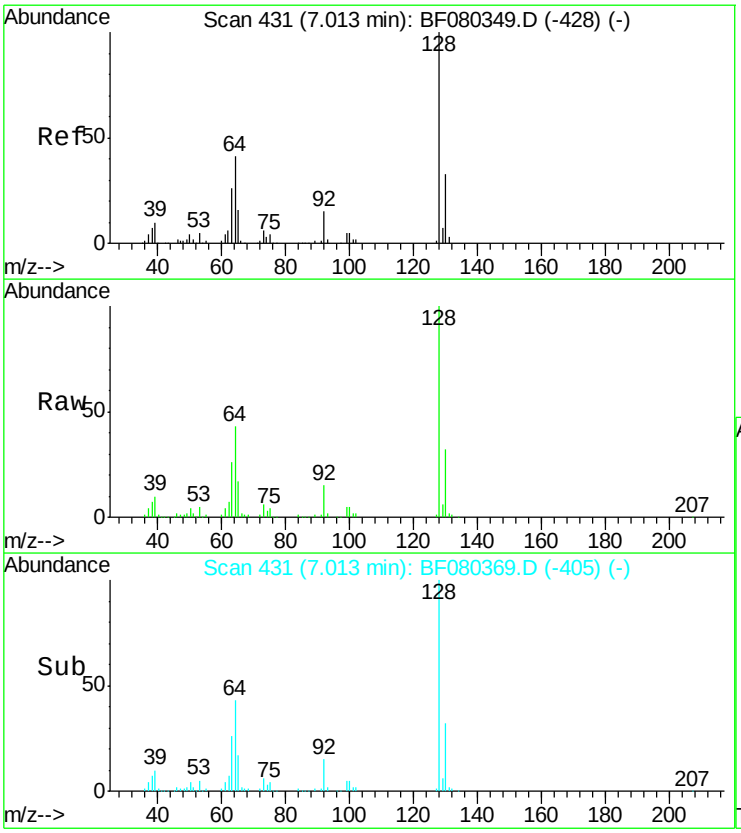
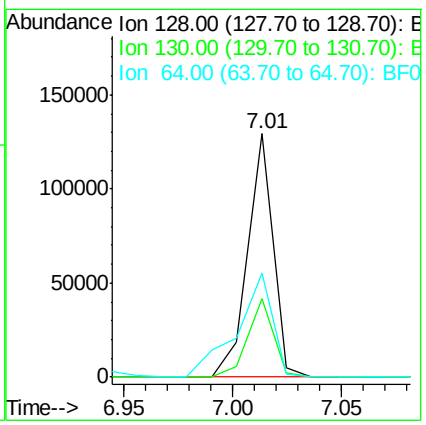


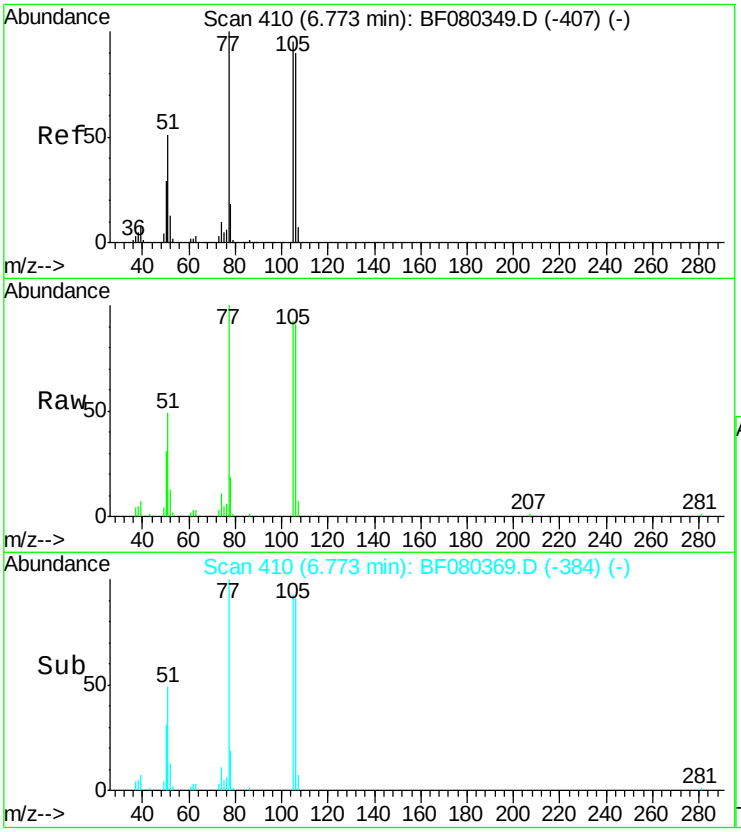


#8
2-Chlorophenol
Concen: 44.82 ng
RT: 7.01 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:128 Resp: 105215

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.8	52.8
64	42.8	21.1	61.1

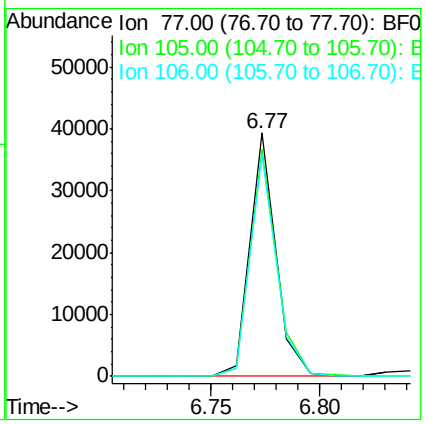




#9
Benzaldehyde
Concen: 22.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion: 77 Resp: 32843

Ion	Ratio	Lower	Upper
77	100		
105	93.5	75.2	115.2
106	91.0	69.9	109.9



Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

Manual Integrations APPROVED
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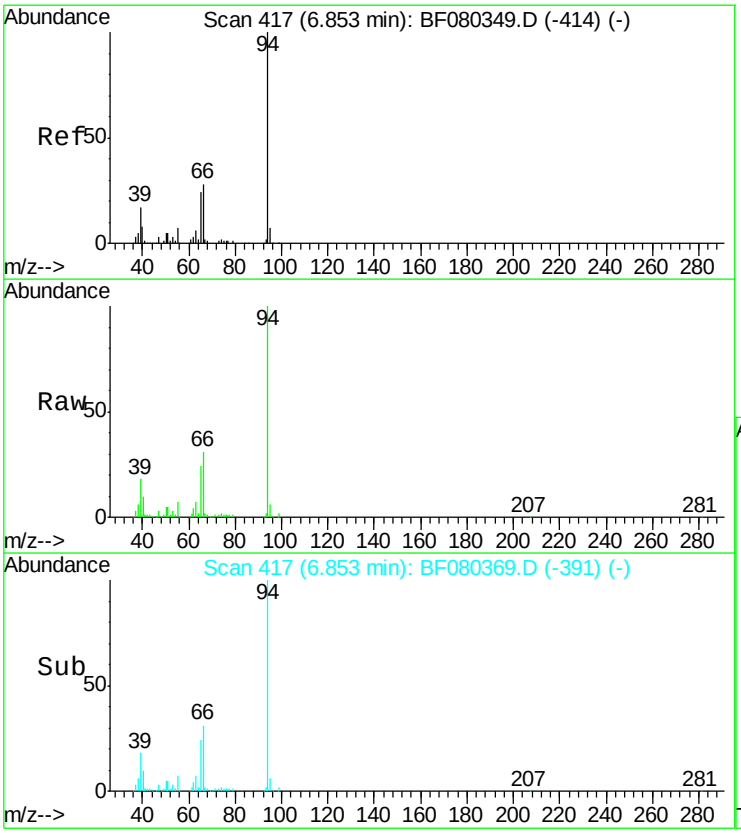
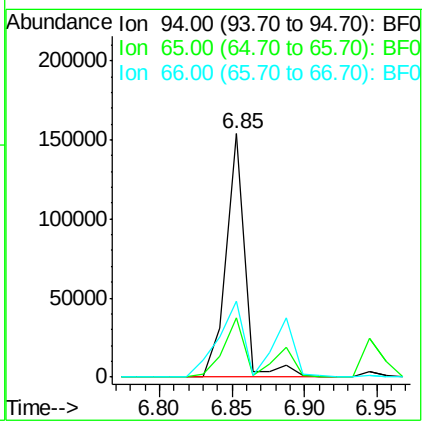
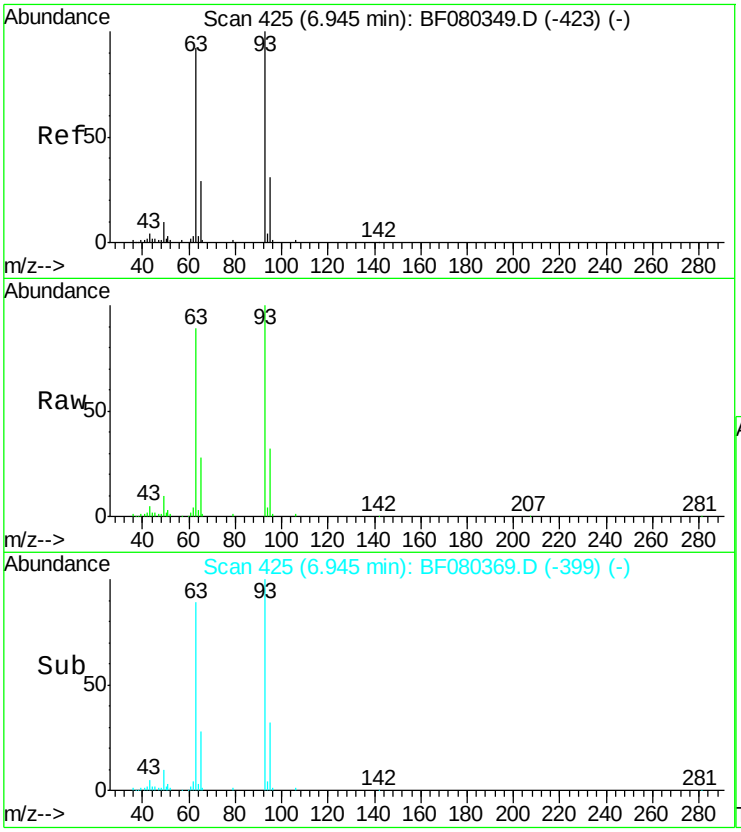


#10
Phenol
Concen: 47.28 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion: 94 Resp: 137649

Ion	Ratio	Lower	Upper
94	100		
65	24.4	3.5	43.5
66	30.9	8.5	48.5

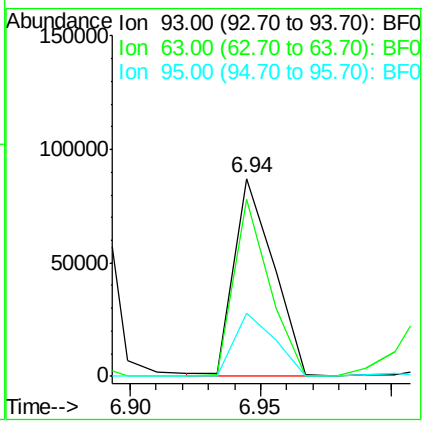




#11
bis(2-Chloroethyl)ether
Concen: 42.48 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion: 93 Resp: 93287

Ion	Ratio	Lower	Upper
93	100		
63	89.4	71.3	111.3
95	32.0	11.3	51.3



Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

Manual Integrations APPROVED
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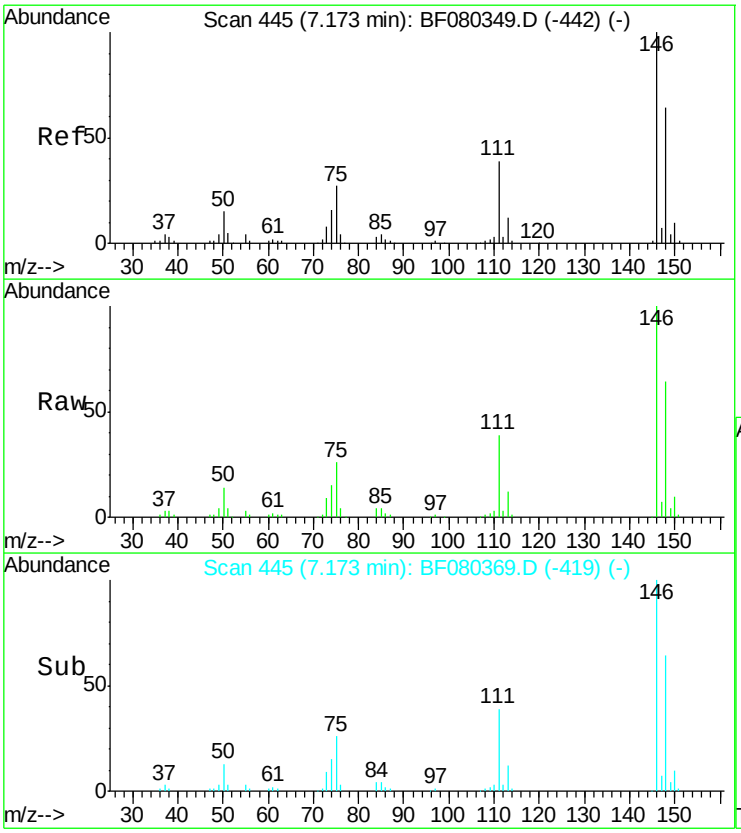
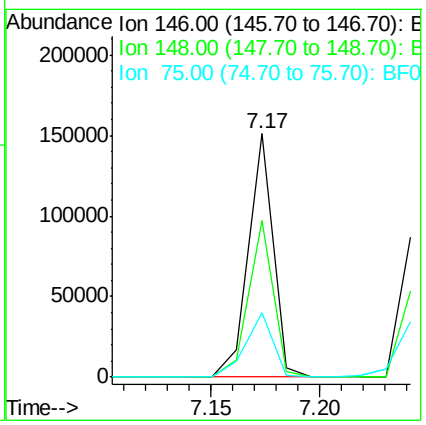
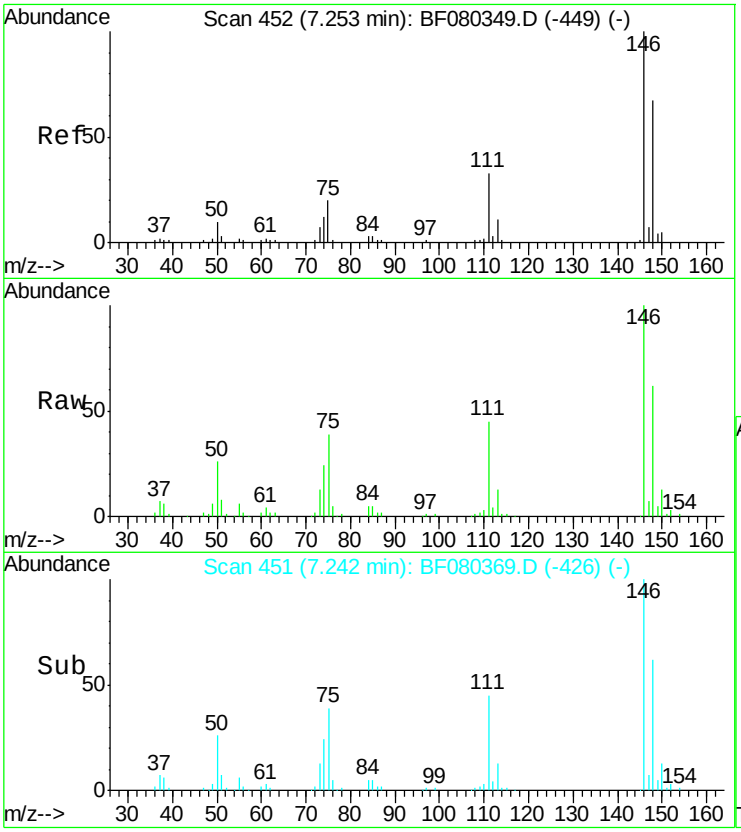


#12
1,3-Dichlorobenzene
Concen: 41.39 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:146 Resp: 119275

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
75	26.4	21.5	32.3

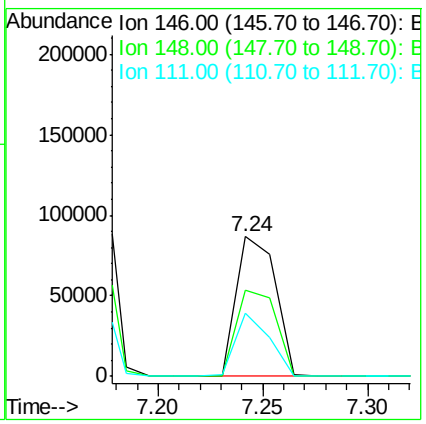




#13
1,4-Dichlorobenzene
Concen: 41.69 ng m
RT: 7.24 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:146 Resp: 112208

Ion	Ratio	Lower	Upper
146	100		
148	62.2	53.4	80.0
111	45.0	26.2	39.2#



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ClientSampleId :
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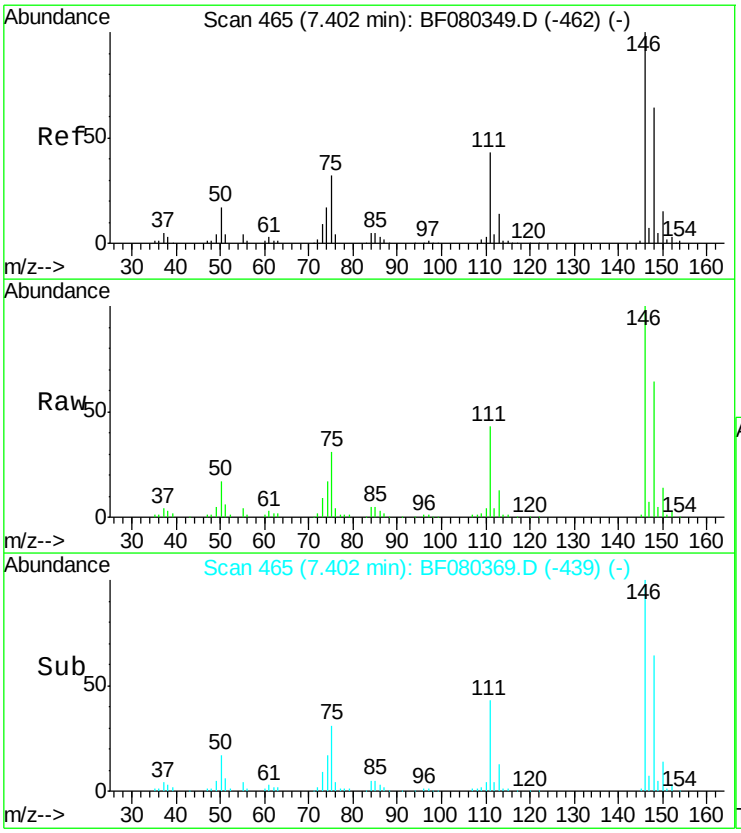
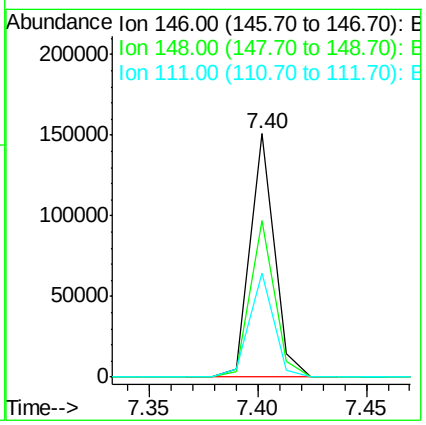
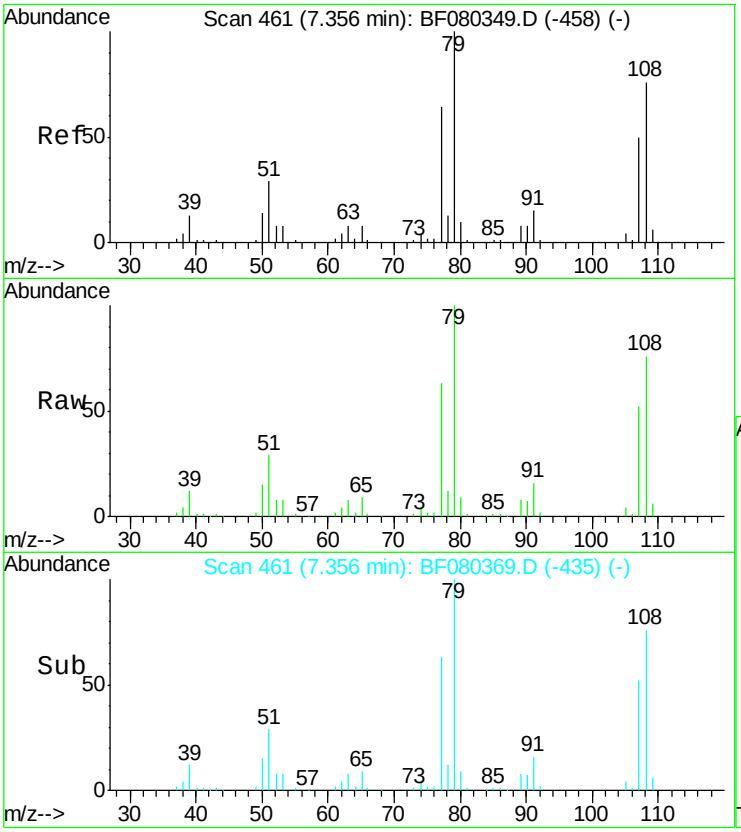


#14
1,2-Dichlorobenzene
Concen: 42.87 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:146 Resp: 116779

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
111	42.8	34.6	52.0

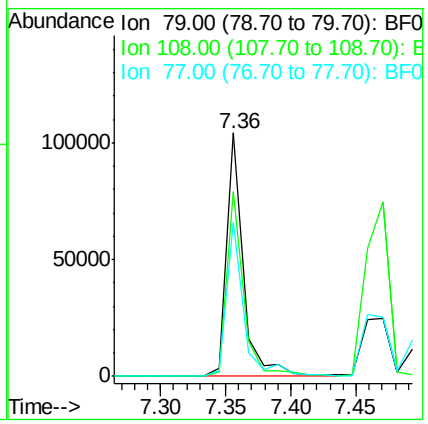




#15
Benzyl Alcohol
Concen: 44.88 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion: 79 Resp: 93271

Ion	Ratio	Lower	Upper
79	100		
108	75.9	60.6	90.8
77	63.4	50.8	76.2



Instrument :
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ClientSampleId :
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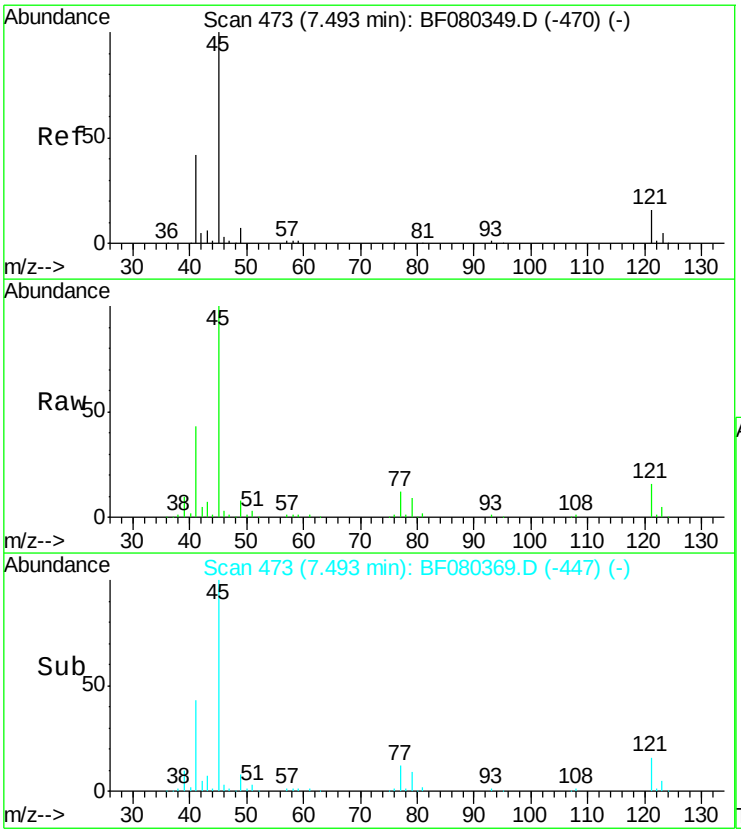
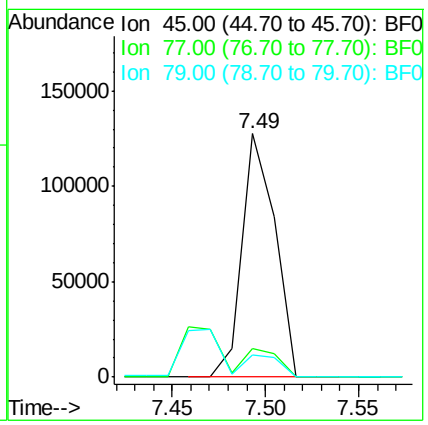
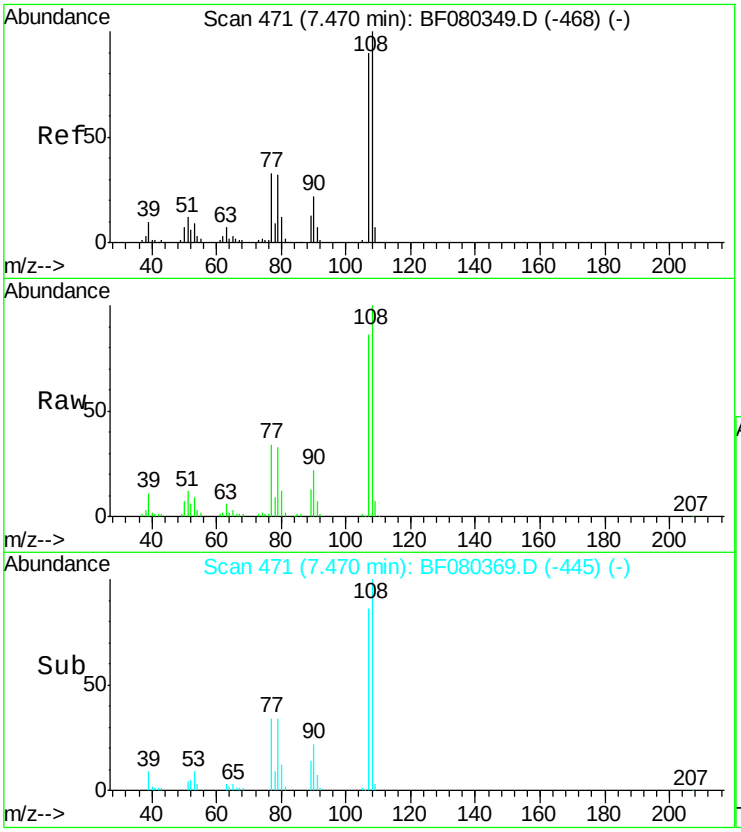


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.94 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion: 45 Resp: 156033

Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	31.9
79	9.1	0.0	29.7

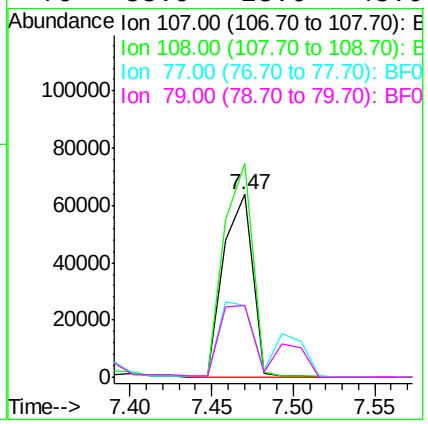




#17
2-Methylphenol
Concen: 43.12 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:107 Resp: 78456

Ion	Ratio	Lower	Upper
107	100		
108	116.8	89.3	133.9
77	39.3	29.5	44.3
79	38.9	28.6	43.0



Instrument :
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ClientSampleId :
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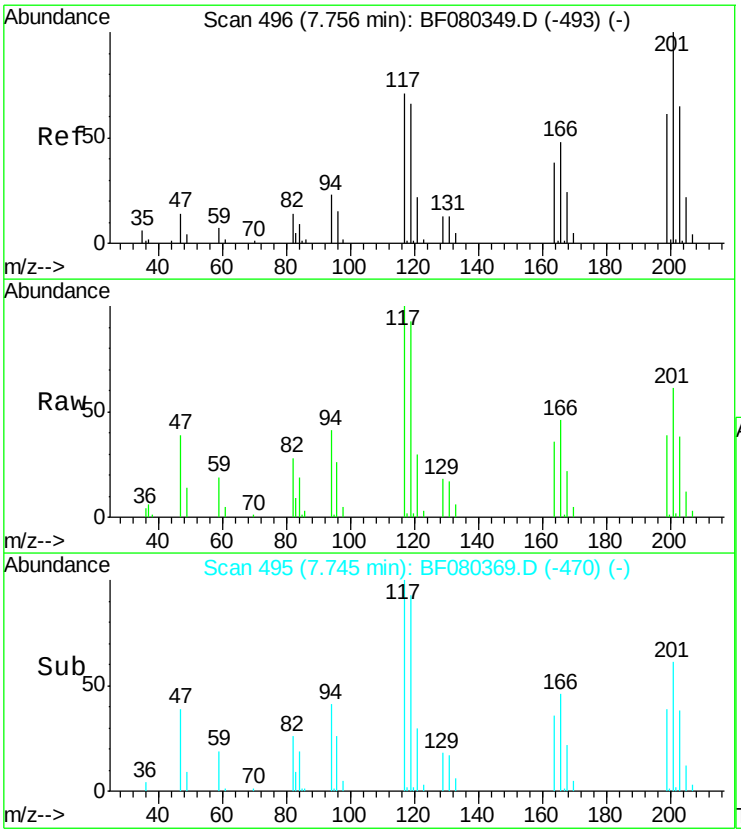
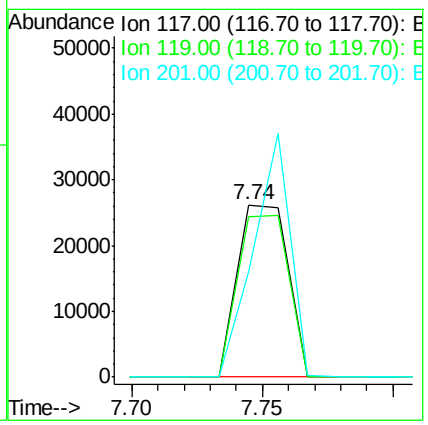
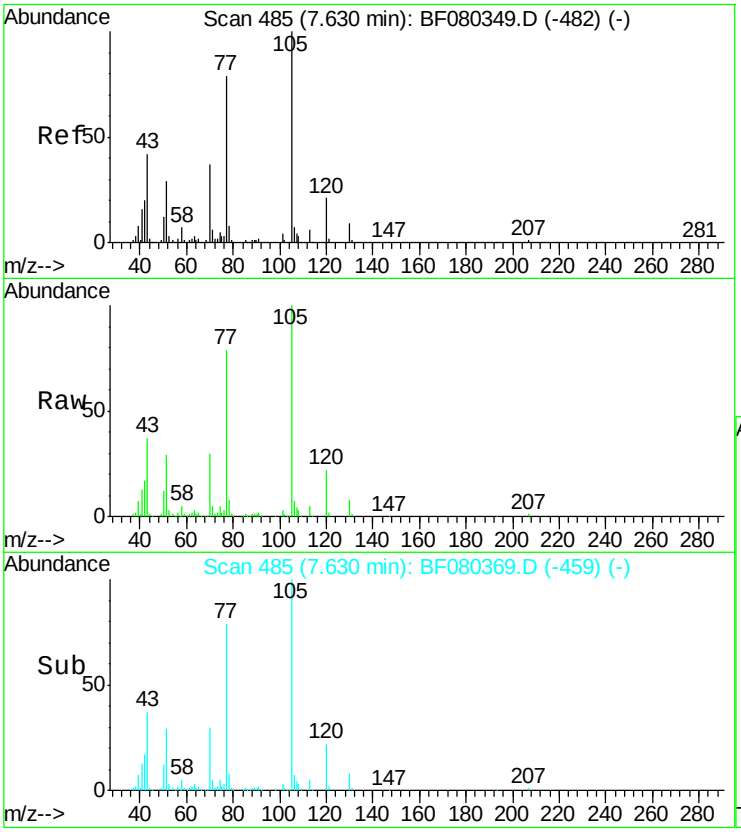


#18
Hexachloroethane
Concen: 41.25 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:117 Resp: 35673

Ion	Ratio	Lower	Upper
117	100		
119	93.2	74.2	111.4
201	61.4	112.4	168.6#

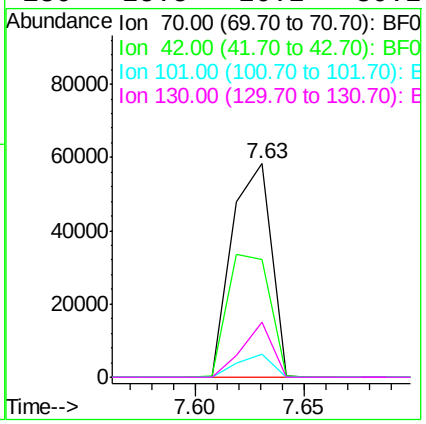




#19
n-Nitroso-di-n-propylamine
Concen: 41.93 ng
RT: 7.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion: 70 Resp: 73042

Ion	Ratio	Lower	Upper
70	100		
42	55.1	43.0	64.6
101	10.5	8.3	12.5
130	25.5	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
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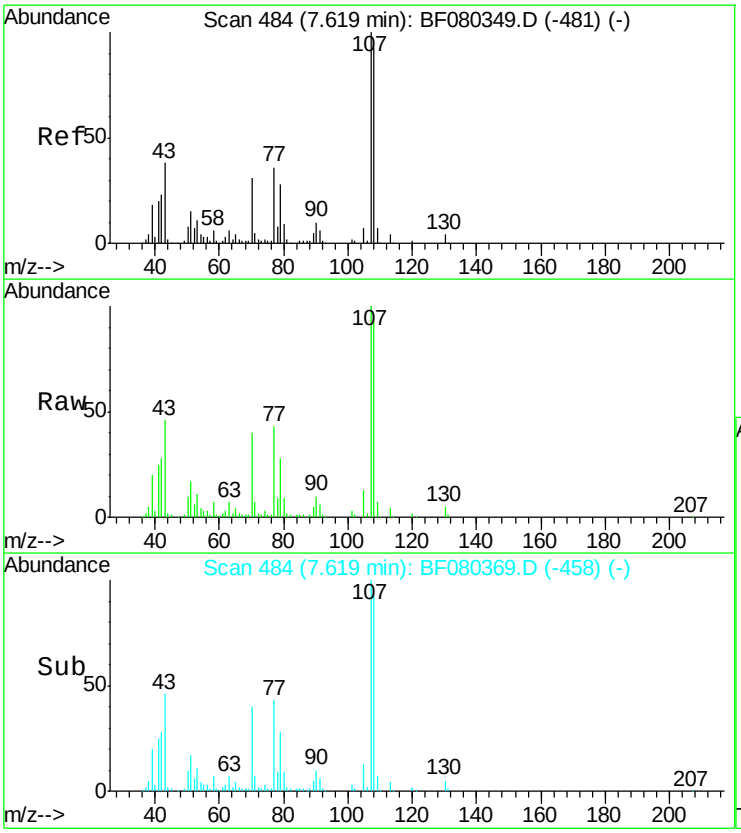
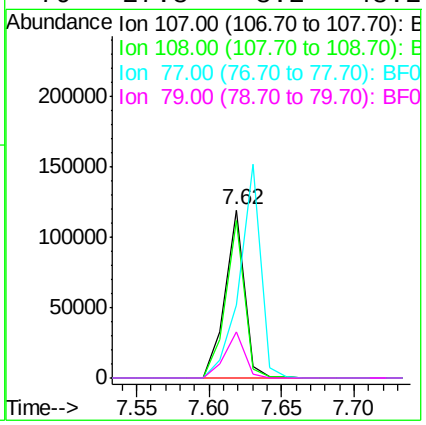
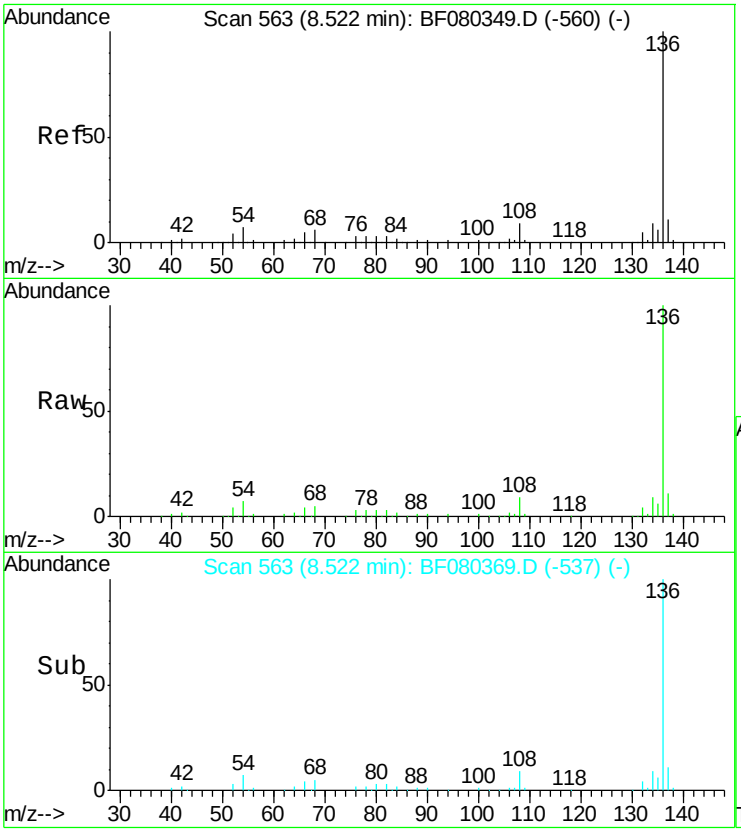


#20
3+4-Methylphenols
Concen: 43.94 ng
RT: 7.62 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:107 Resp: 111435

Ion	Ratio	Lower	Upper
107	100		
108	93.4	73.4	113.4
77	43.1	16.4	56.4
79	27.8	8.2	48.2

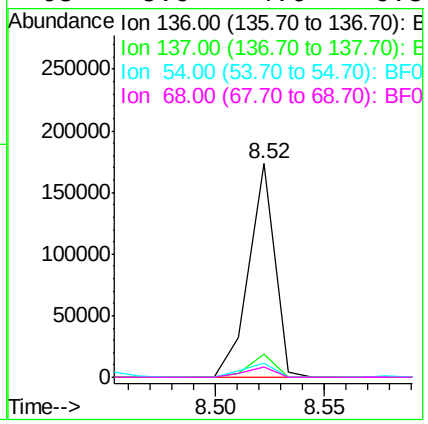




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:136 Resp: 143794

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.8	5.8	8.8
68	5.0	4.6	6.8



Instrument :
BNA_F
ClientSampleId :
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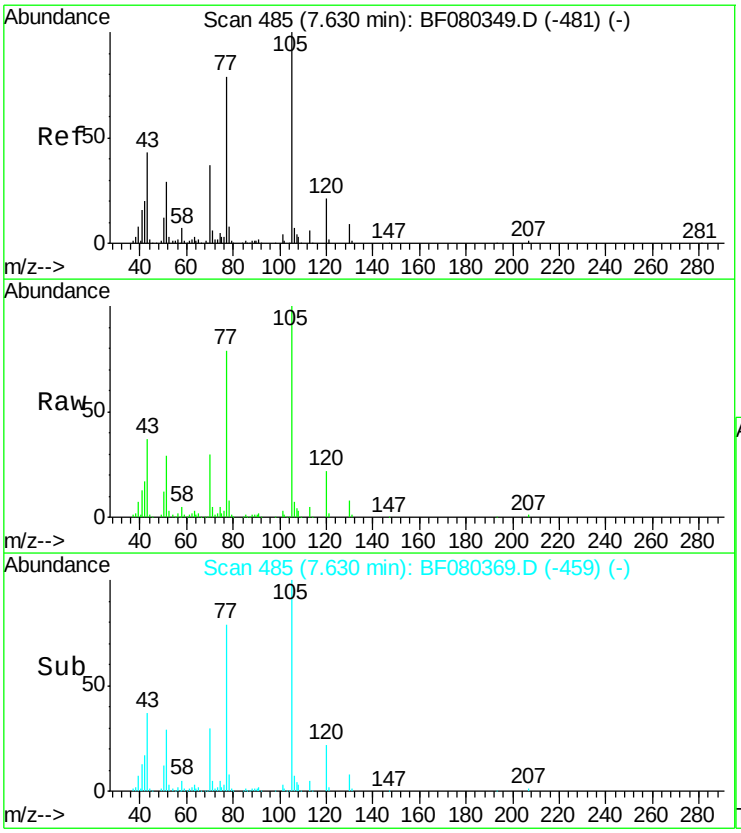
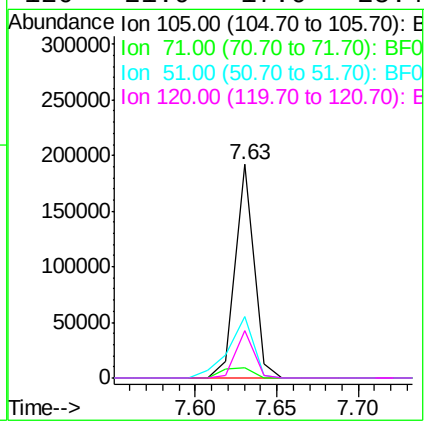
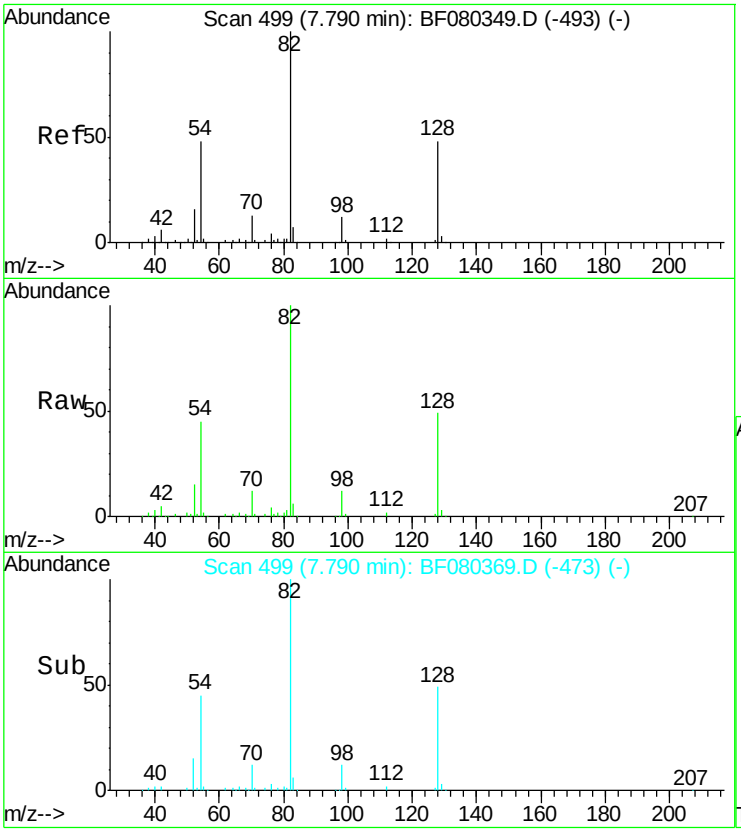


#22
Acetophenone
Concen: 45.55 ng
RT: 7.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:105 Resp: 151106

Ion	Ratio	Lower	Upper
105	100		
71	5.0	5.0	7.6#
51	28.6	23.2	34.8
120	21.9	17.0	25.4

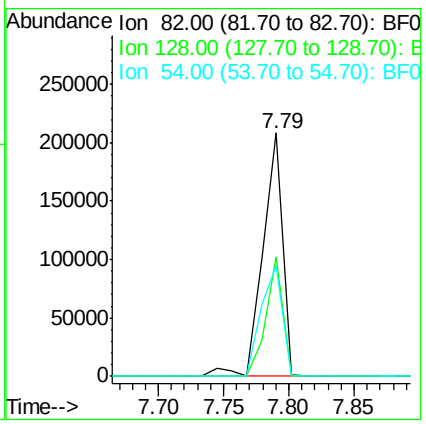




#23
Nitrobenzene-d5
Concen: 90.25 ng
RT: 7.79 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion: 82 Resp: 222485

Ion	Ratio	Lower	Upper
82	100		
128	48.8	38.4	57.6
54	45.5	38.2	57.2



Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

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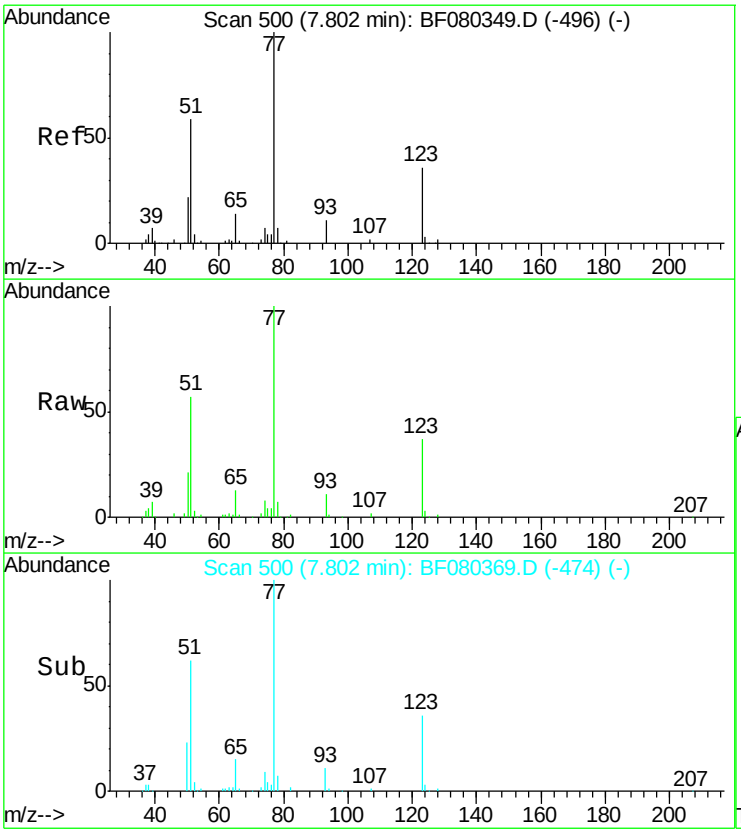
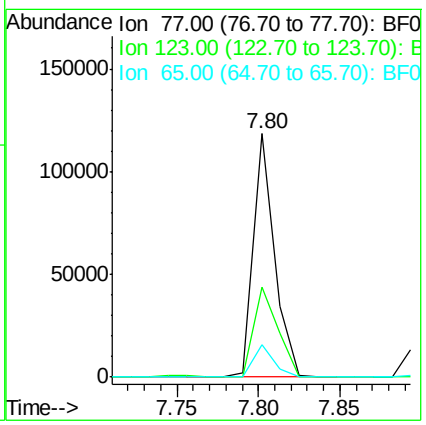
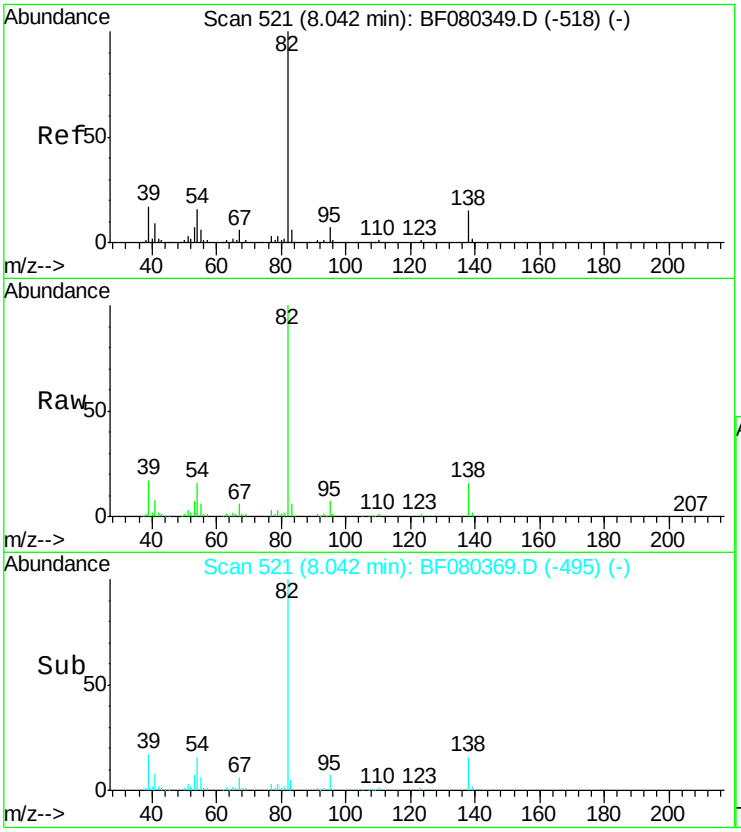


#24
Nitrobenzene
Concen: 43.07 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion: 77 Resp: 106652

Ion	Ratio	Lower	Upper
77	100		
123	37.1	29.6	44.4
65	13.2	11.1	16.7

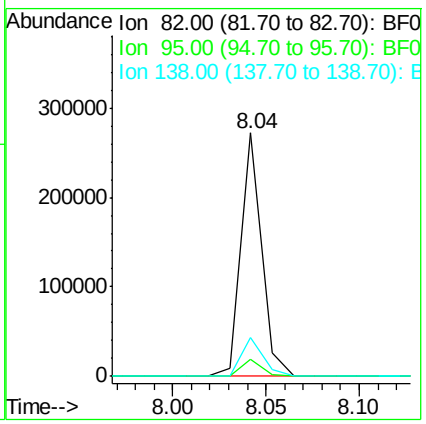




#25
Isophorone
Concen: 44.61 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion: 82 Resp: 211682

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.2	7.8
138	15.7	12.0	18.0



Instrument :
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ClientSampleId :
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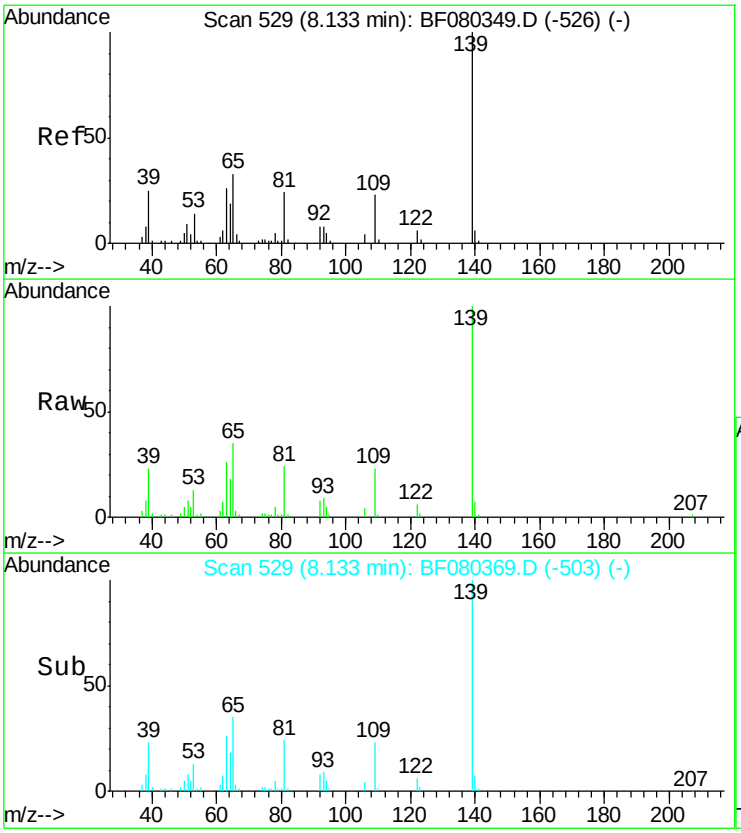
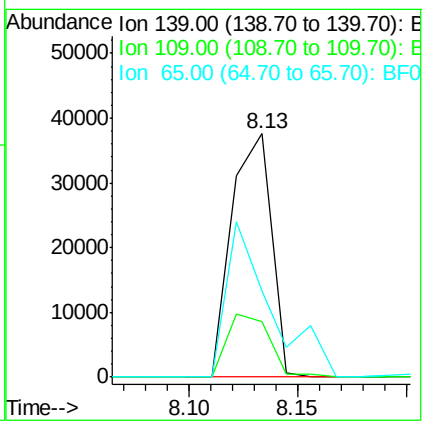
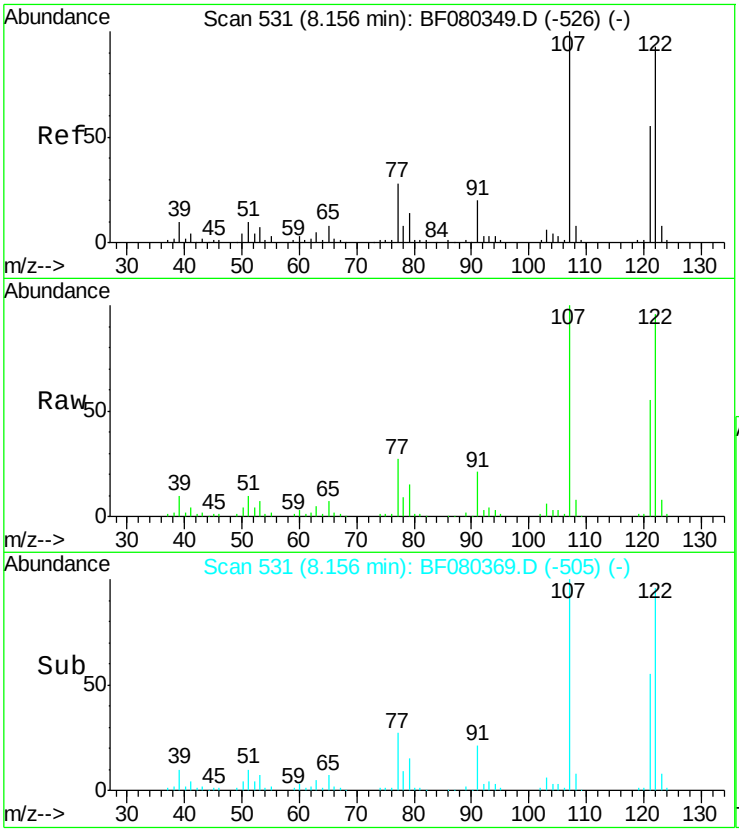


#26
2-Nitrophenol
Concen: 44.44 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:139 Resp: 47624

Ion	Ratio	Lower	Upper
139	100		
109	22.6	18.4	27.6
65	35.3	26.7	40.1

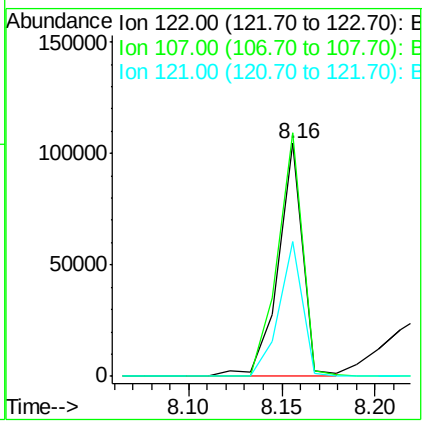




#27
2,4-Dimethylphenol
Concen: 45.54 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:122 Resp: 96025

Ion	Ratio	Lower	Upper
122	100		
107	104.5	85.8	128.6
121	57.7	46.9	70.3



Instrument :
BNA_F
ClientSampleId :
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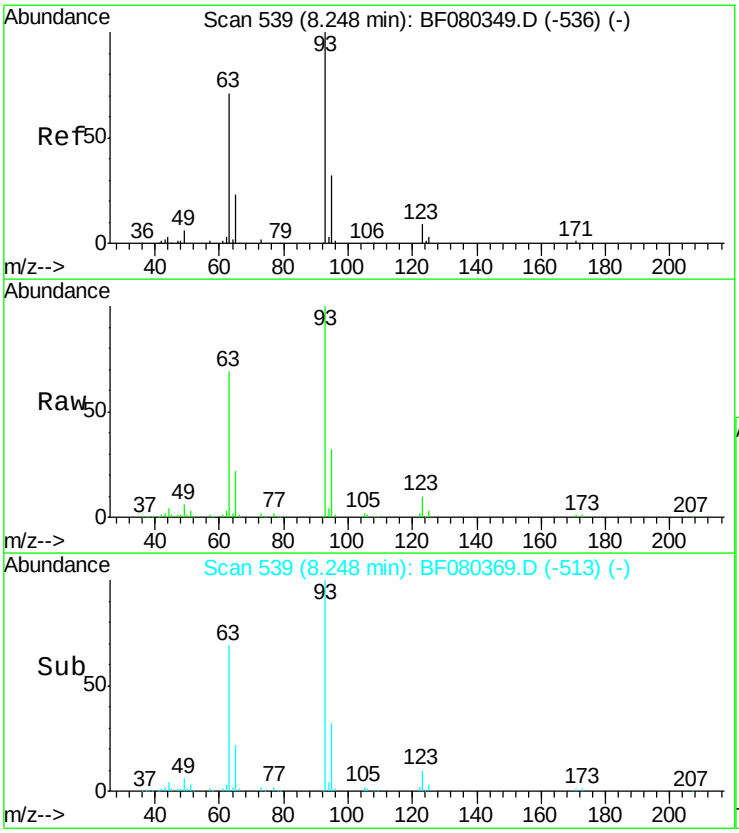
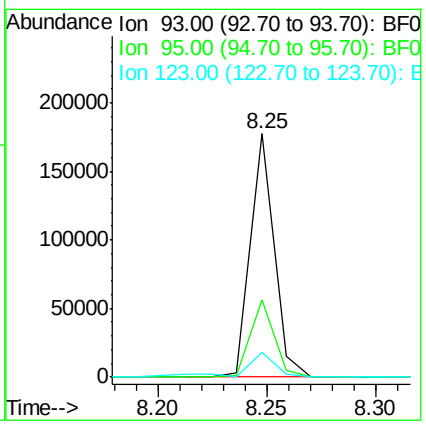
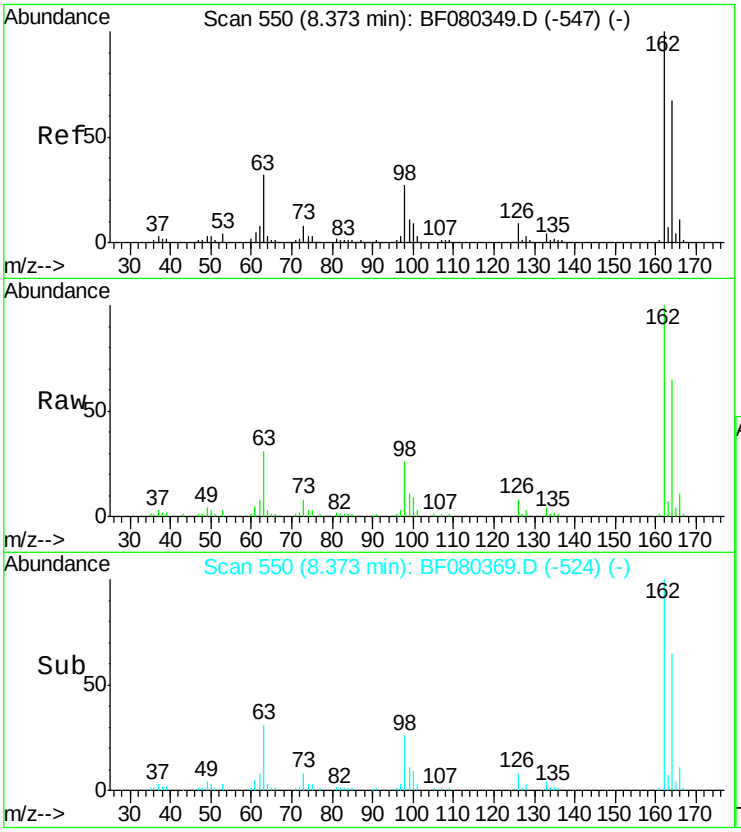


#28
bis(2-Chloroethoxy)methane
Concen: 45.57 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion: 93 Resp: 134307

Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.3	37.9
123	10.0	7.8	11.6

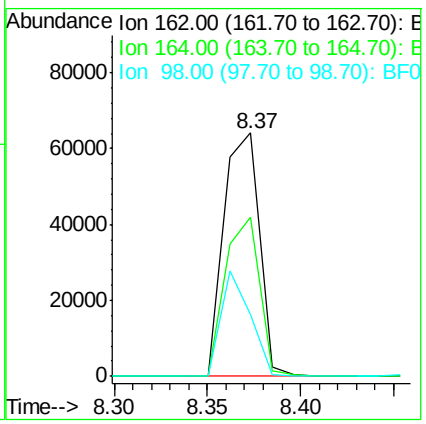




#29
2,4-Dichlorophenol
Concen: 45.66 ng
RT: 8.37 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:162 Resp: 85485

Ion	Ratio	Lower	Upper
162	100		
164	65.4	47.0	87.0
98	25.5	6.6	46.6



Instrument :
BNA_F
ClientSampleId :
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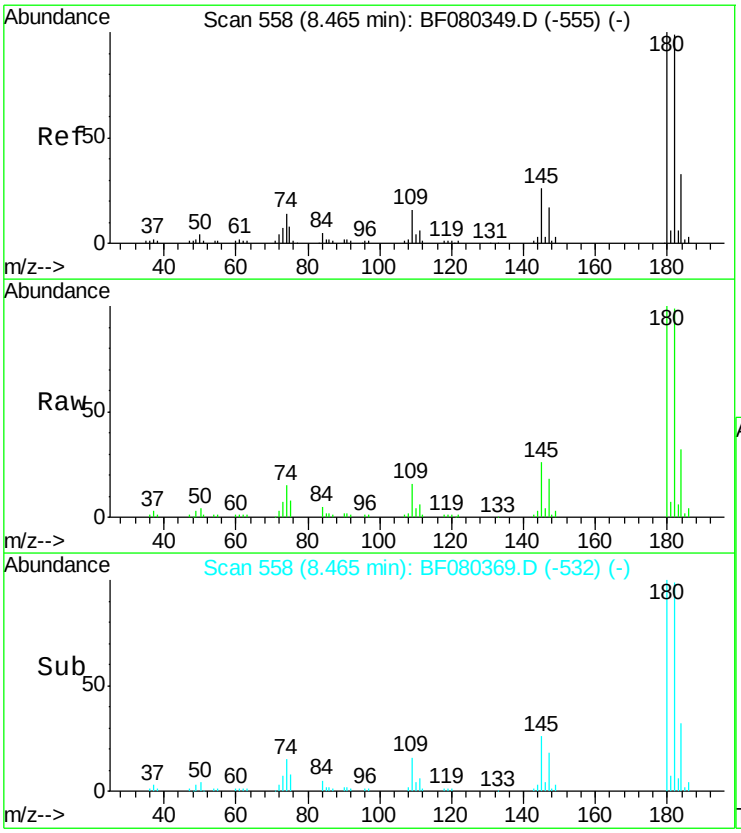
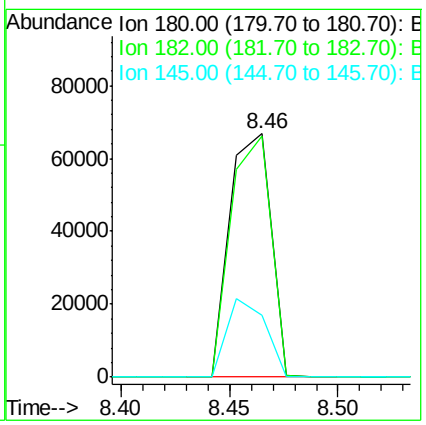
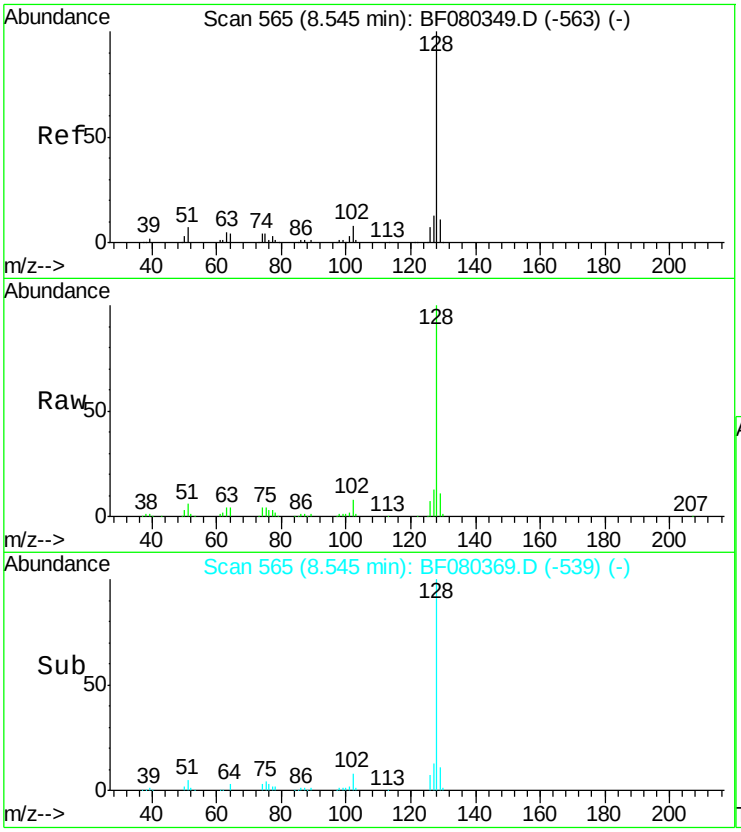


#30
1,2,4-Trichlorobenzene
Concen: 39.53 ng
RT: 8.46 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:180 Resp: 87945

Ion	Ratio	Lower	Upper
180	100		
182	98.8	79.0	118.4
145	25.6	20.5	30.7

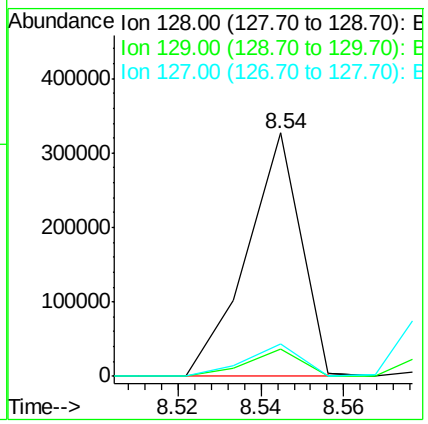




#31
Naphthalene
Concen: 40.24 ng m
RT: 8.54 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:128 Resp: 296787

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.1	10.4	15.6



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ClientSampleId :
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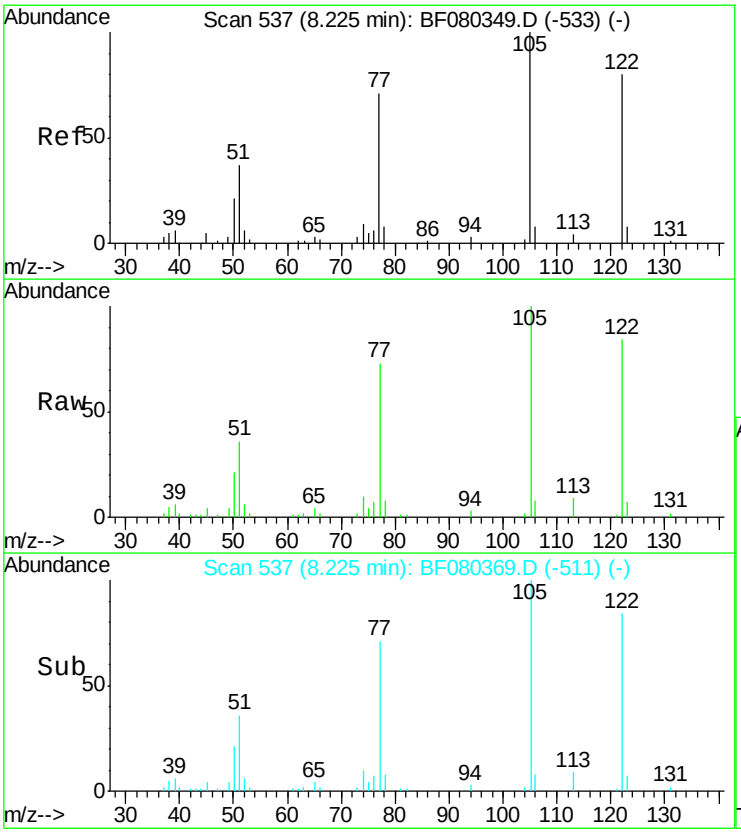
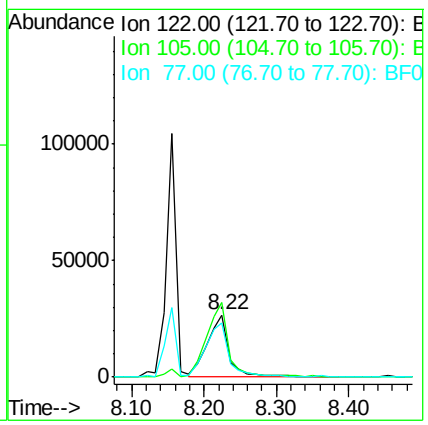
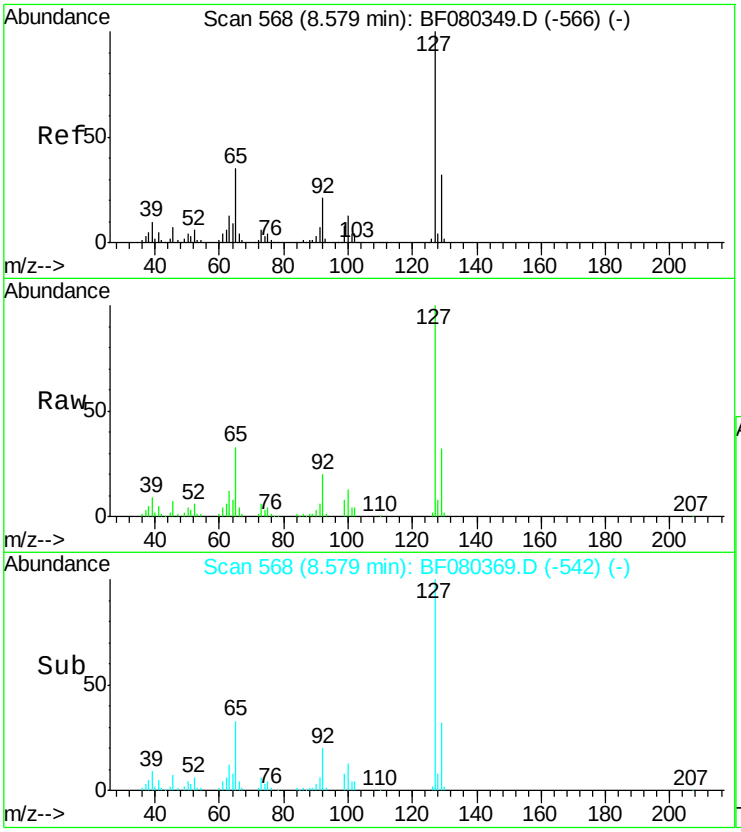


#32
Benzoic acid
Concen: 49.24 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:122 Resp: 56245

Ion	Ratio	Lower	Upper
122	100		
105	119.3	102.2	142.2
77	87.4	68.8	108.8

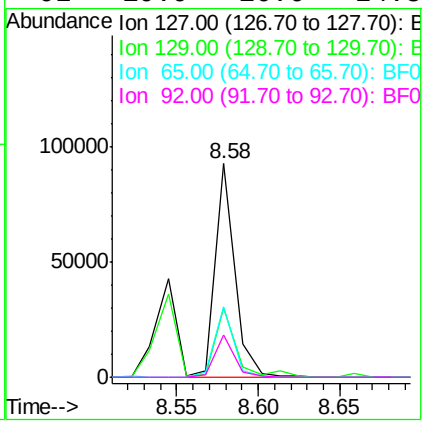




#33
4-Chloroaniline
Concen: 26.42 ng
RT: 8.58 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:127 Resp: 77674

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	33.0	28.1	42.1
92	19.9	16.6	24.8



Instrument :
BNA_F
ClientSampleId :
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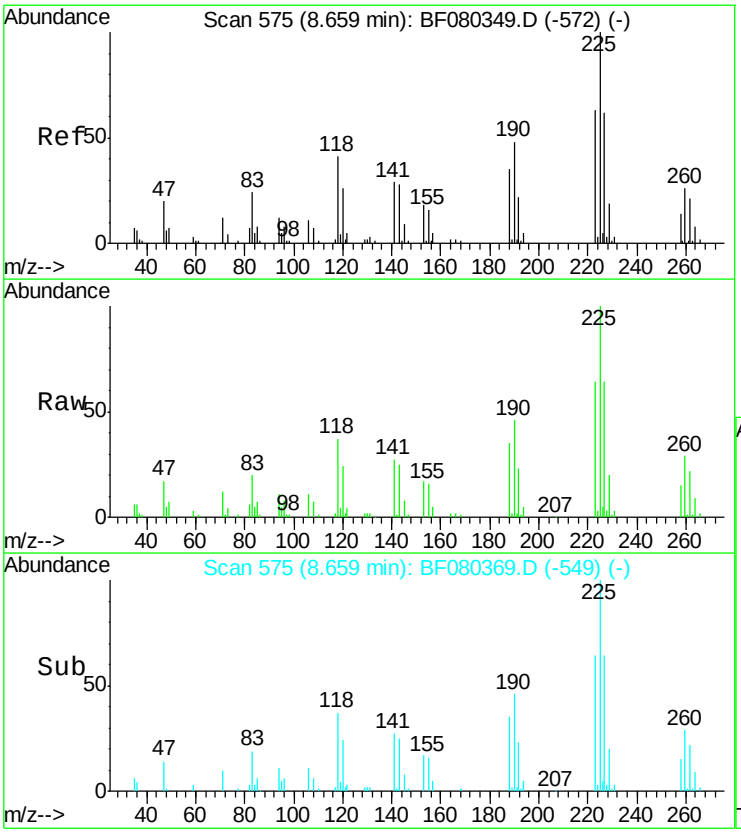
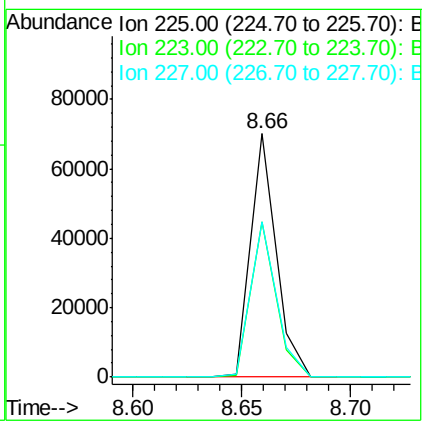
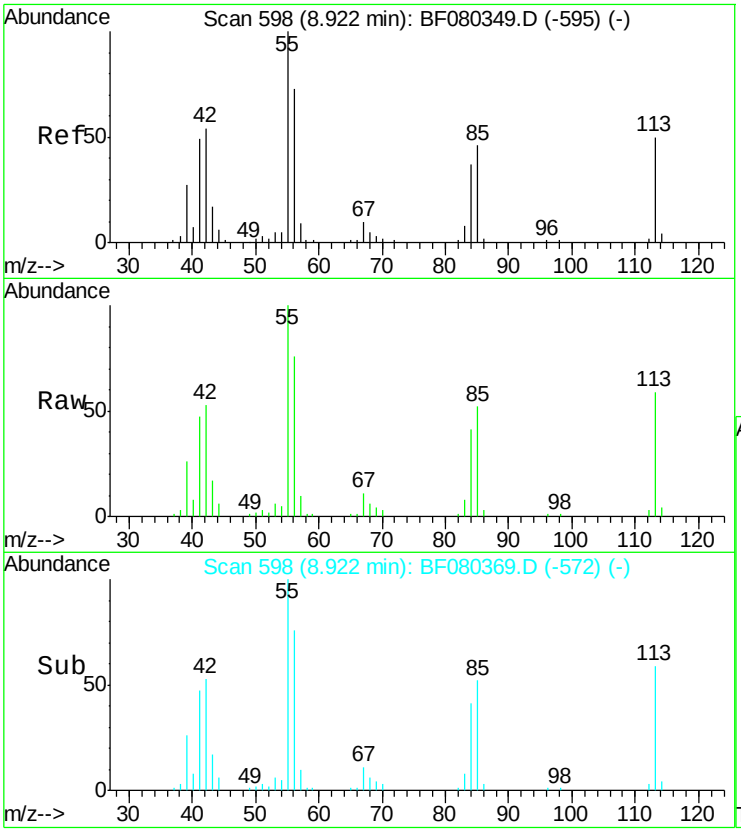


#34
Hexachlorobutadiene
Concen: 42.45 ng
RT: 8.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:225 Resp: 57464

Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.3	75.5
227	63.6	49.4	74.2

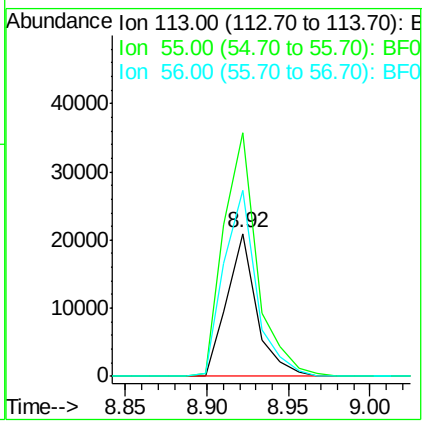




#35
Caprolactam
Concen: 45.59 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:113 Resp: 26357

Ion	Ratio	Lower	Upper
113	100		
55	170.1	181.4	221.4#
56	129.7	127.3	167.3



Instrument :
BNA_F
ClientSampleId :
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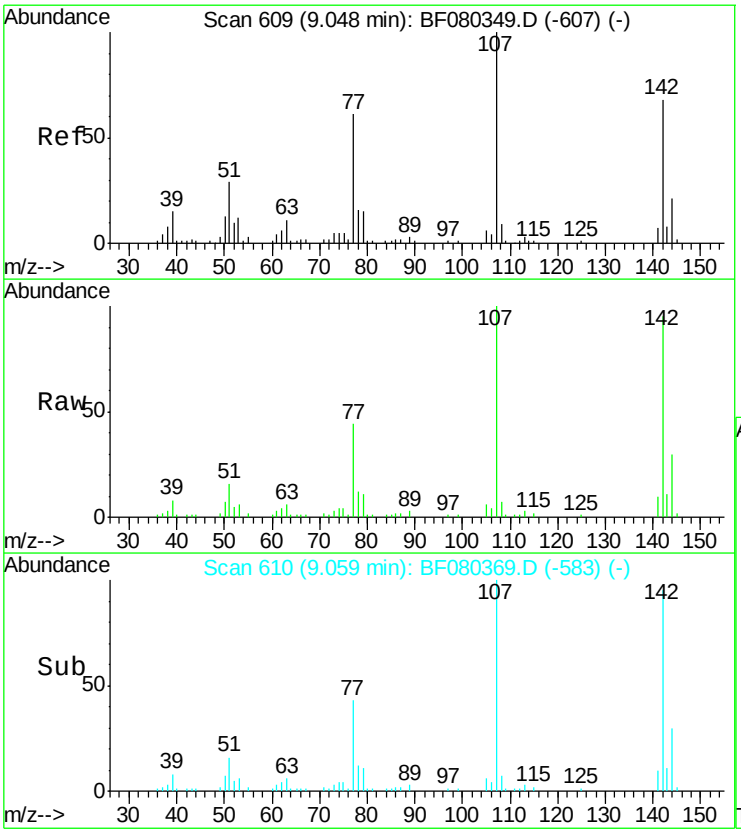
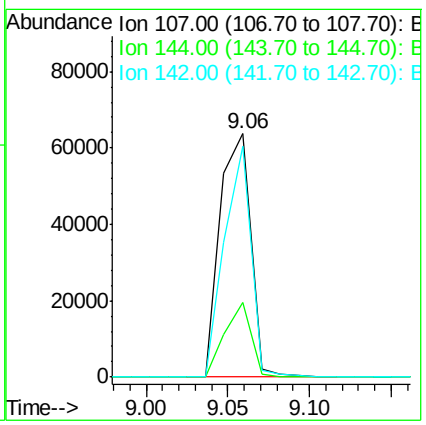
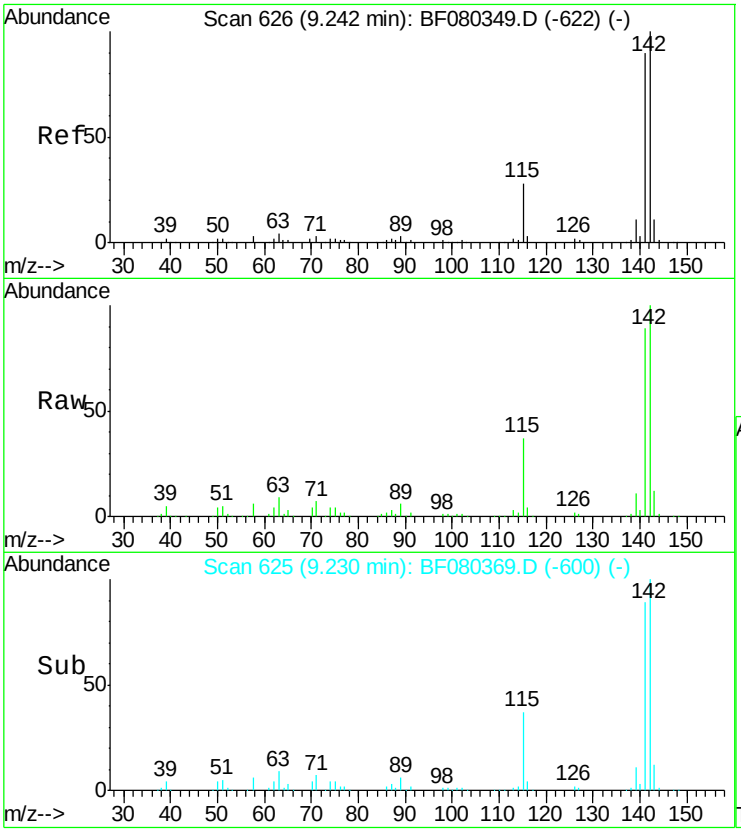


#36
4-Chloro-3-methylphenol
Concen: 42.78 ng
RT: 9.06 min Scan# 610
Delta R.T. 0.01 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:107 Resp: 82631

Ion	Ratio	Lower	Upper
107	100		
144	30.4	16.7	25.1#
142	94.5	54.4	81.6#

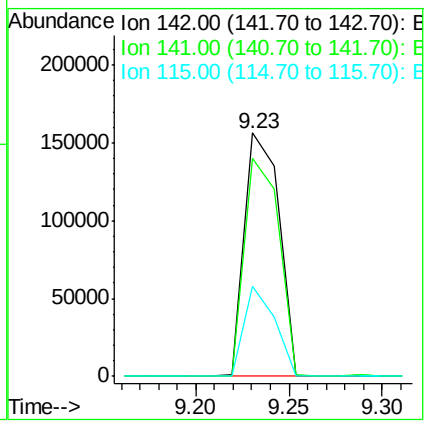




#37
2-Methylnaphthalene
Concen: 42.77 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:142 Resp: 201143

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.8	107.8
115	36.9	22.6	34.0#



Instrument :
BNA_F
ClientSampleId :
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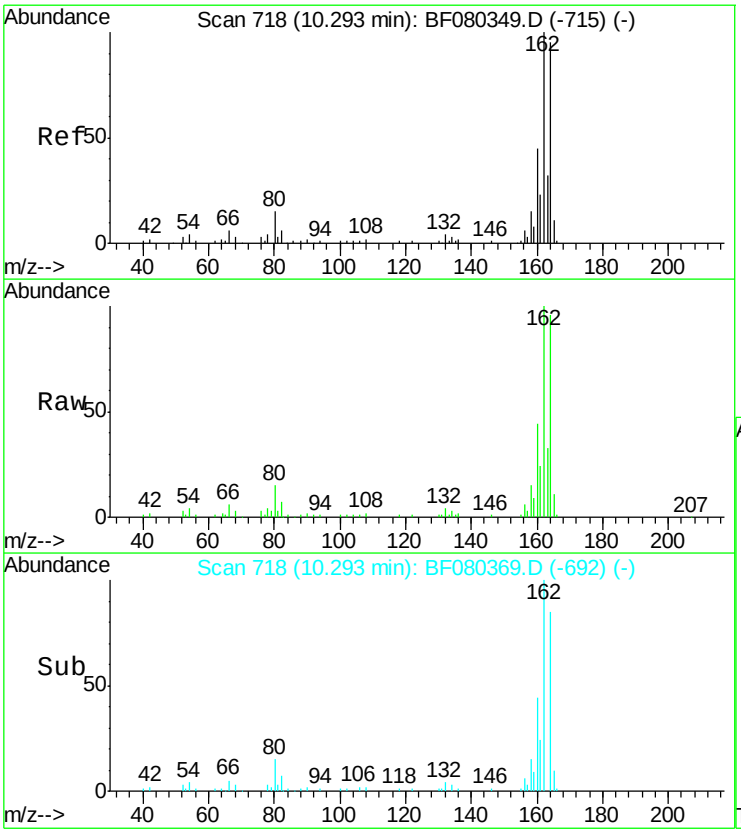
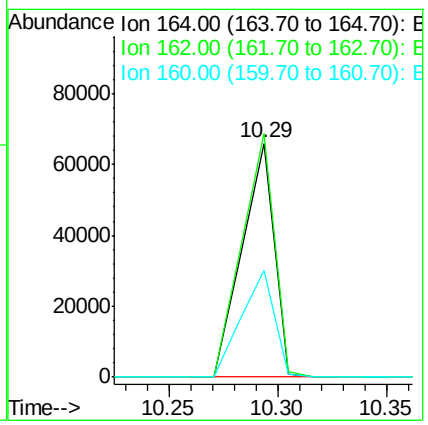
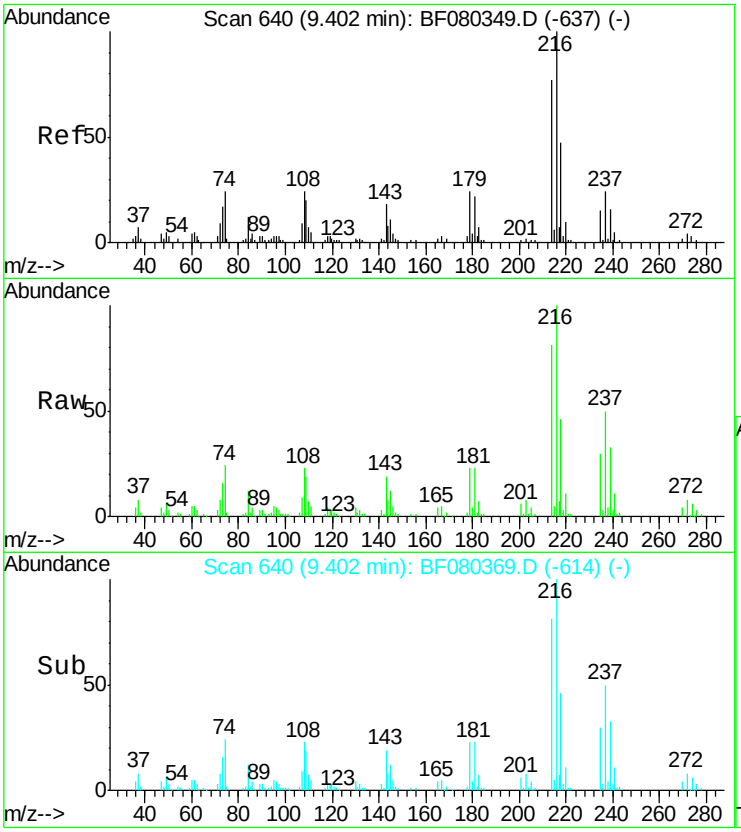


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.29 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:164 Resp: 67530

Ion	Ratio	Lower	Upper
164	100		
162	104.2	84.5	126.7
160	45.7	37.7	56.5

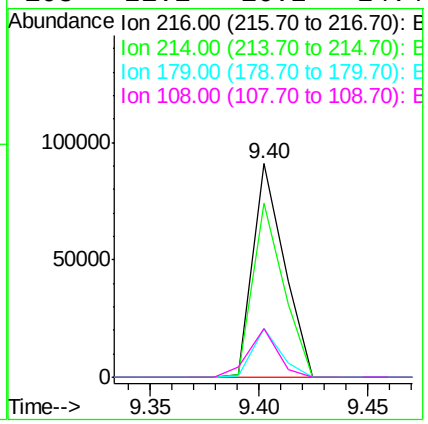




#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.58 ng
RT: 9.40 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:216 Resp: 91142

Ion	Ratio	Lower	Upper
216	100		
214	79.8	61.2	91.8
179	20.7	16.9	25.3
108	21.1	16.2	24.4



Instrument :
BNA_F
ClientSampleId :
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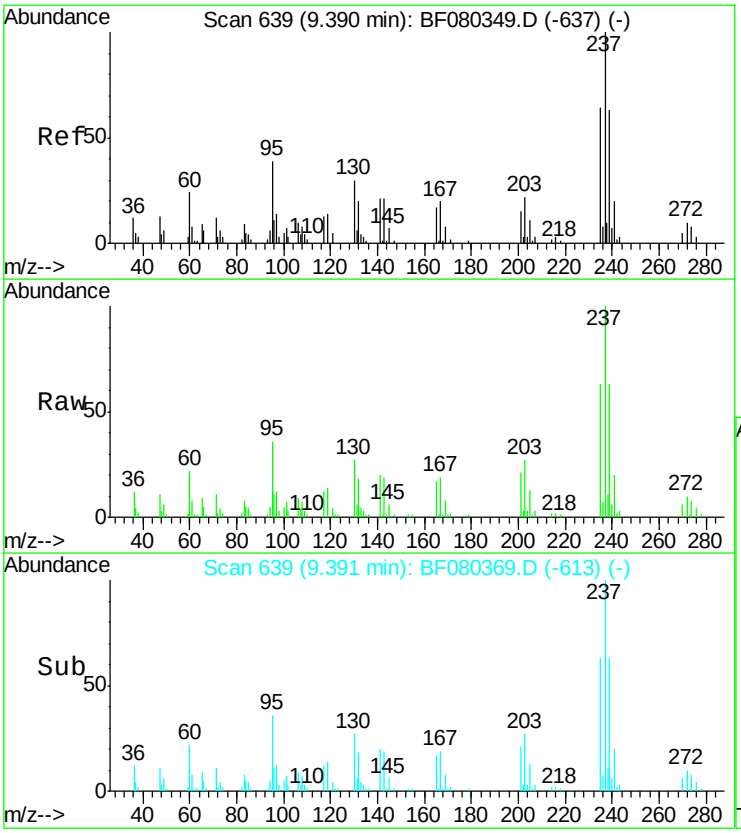
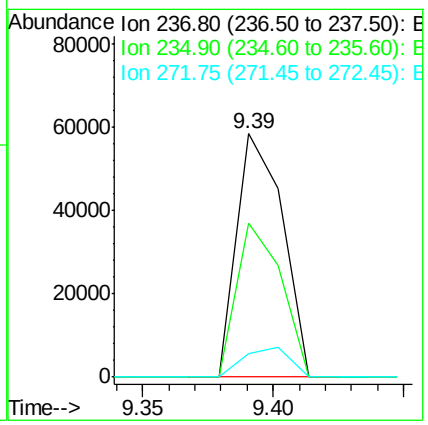
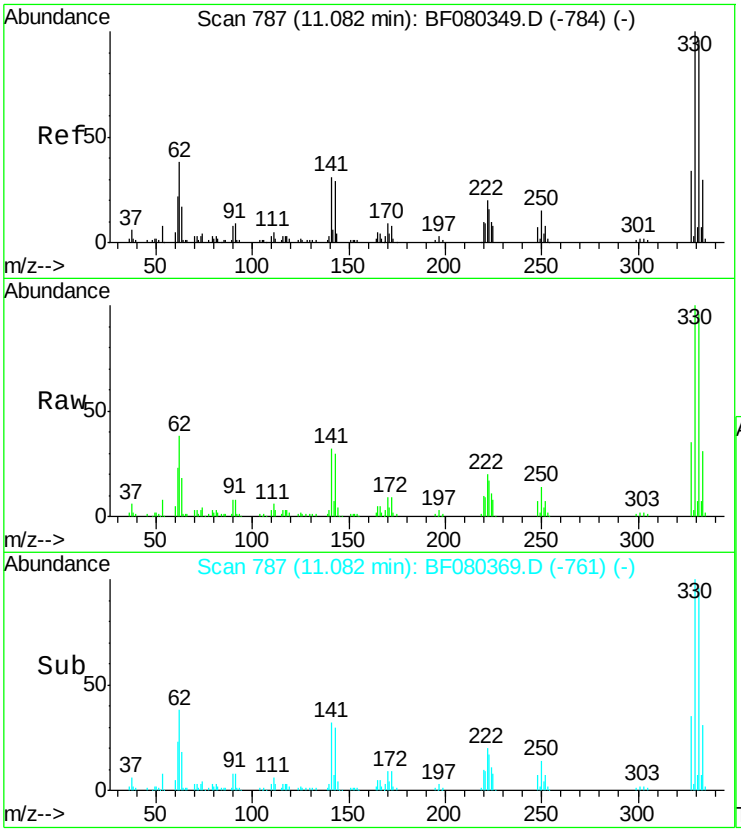


#40
Hexachlorocyclopentadiene
Concen: 80.03 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:237 Resp: 71202

Ion	Ratio	Lower	Upper
237	100		
235	63.0	44.2	84.2
272	9.9	0.0	29.7

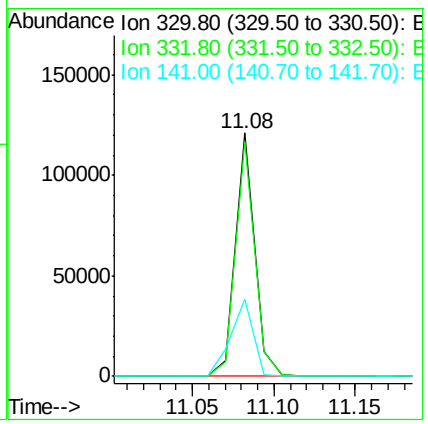




#41
2,4,6-Tribromophenol
Concen: 137.80 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:330 Resp: 97371

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.4
141	37.3	29.6	44.4



Instrument :
BNA_F
ClientSampleId :
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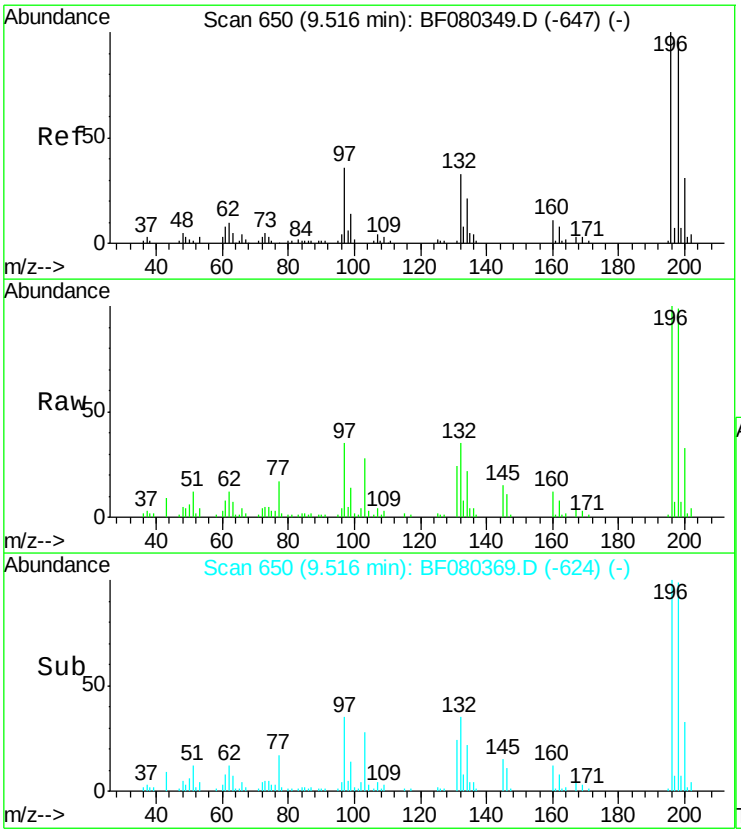
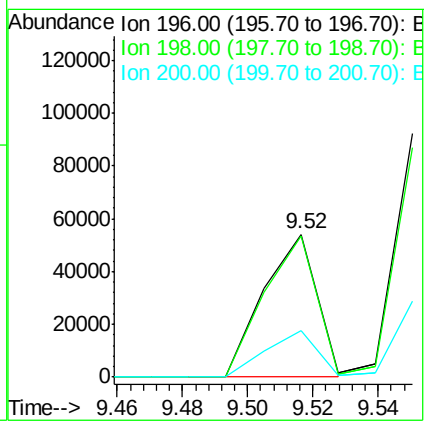
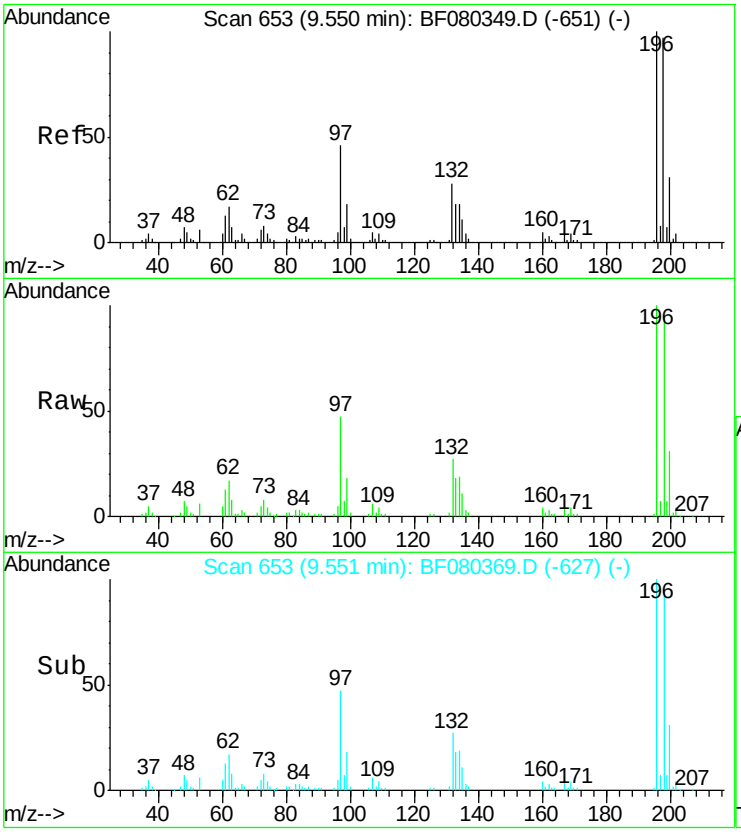


#42
2,4,6-Trichlorophenol
Concen: 43.40 ng
RT: 9.52 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:196 Resp: 61189

Ion	Ratio	Lower	Upper
196	100		
198	99.3	76.4	114.6
200	32.7	24.6	37.0

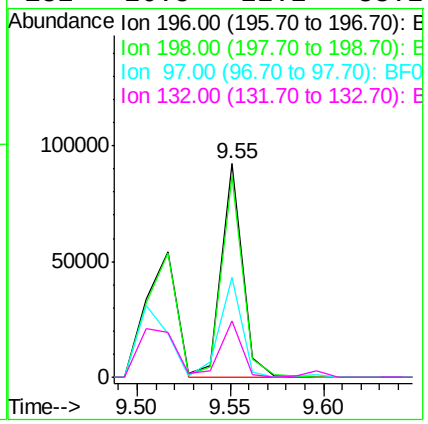




#43
2,4,5-Trichlorophenol
Concen: 44.59 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:196 Resp: 73276

Ion	Ratio	Lower	Upper
196	100		
198	94.2	77.2	115.8
97	47.0	37.0	55.6
132	26.5	22.2	33.2



Instrument :
BNA_F
ClientSampleId :
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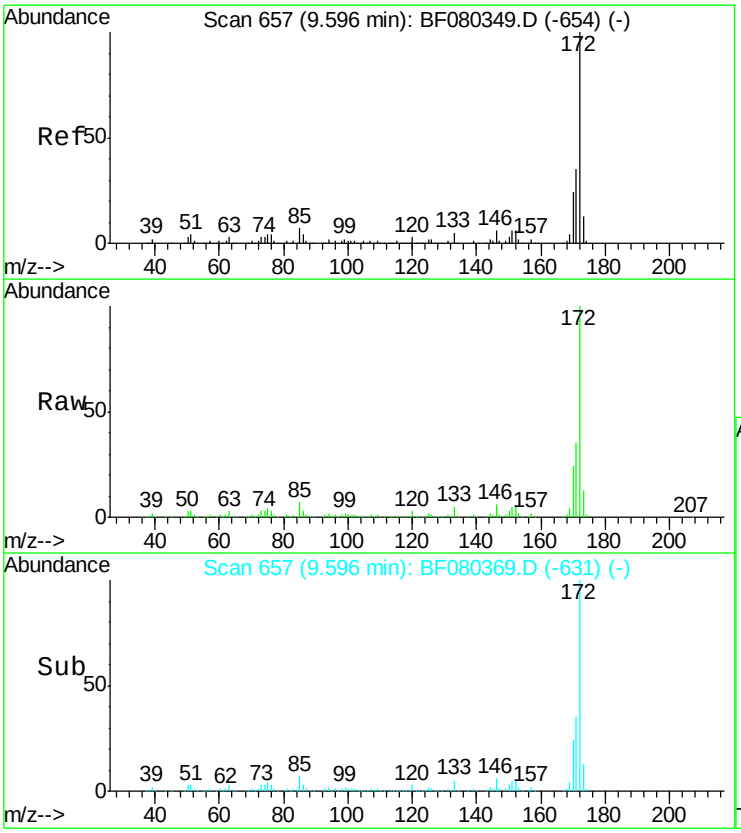
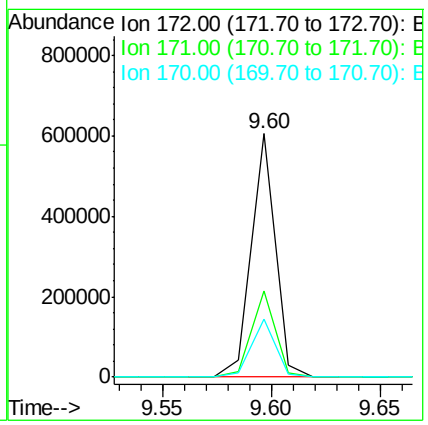
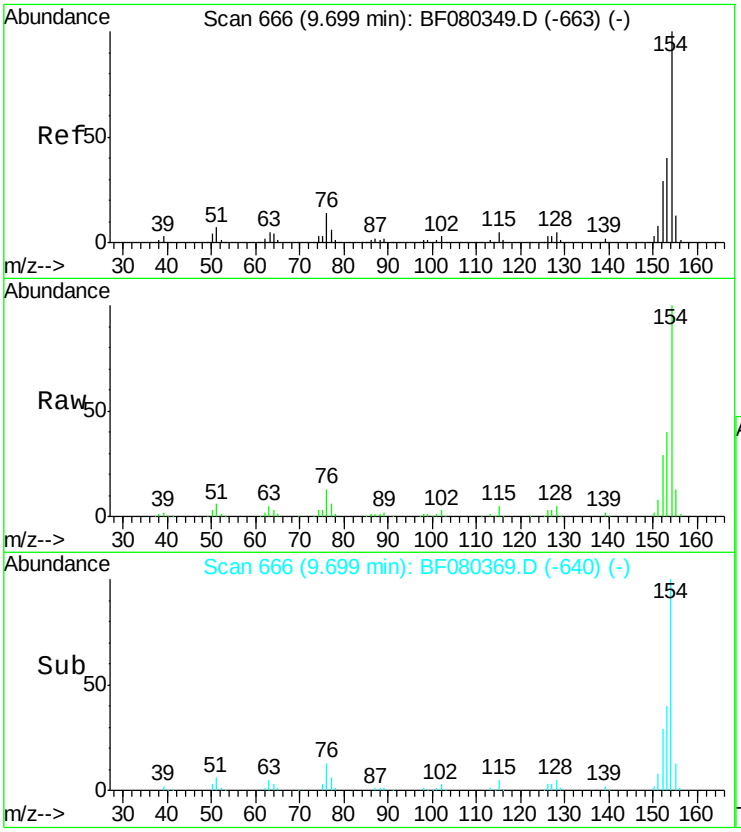


#44
2-Fluorobiphenyl
Concen: 93.06 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:172 Resp: 465672

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.8	19.1	28.7

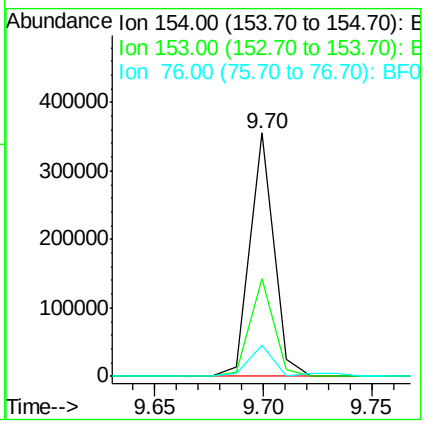




#45
1,1'-Biphenyl
Concen: 45.12 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:154 Resp: 270425

Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.8	59.8
76	12.6	0.0	33.6



Instrument :
BNA_F
ClientSampleId :
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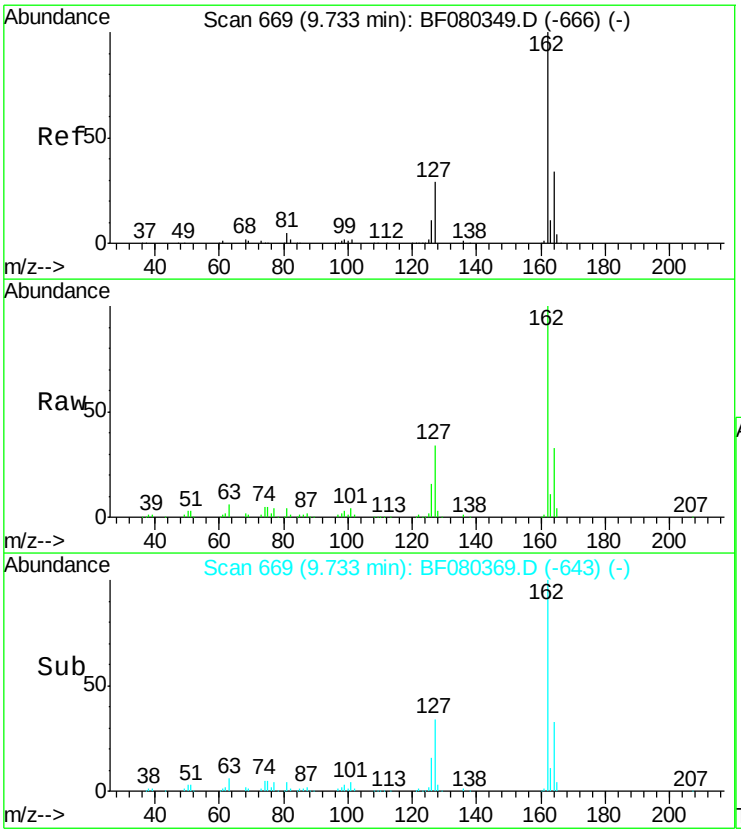
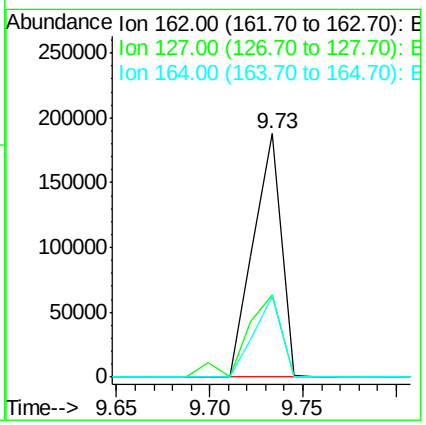
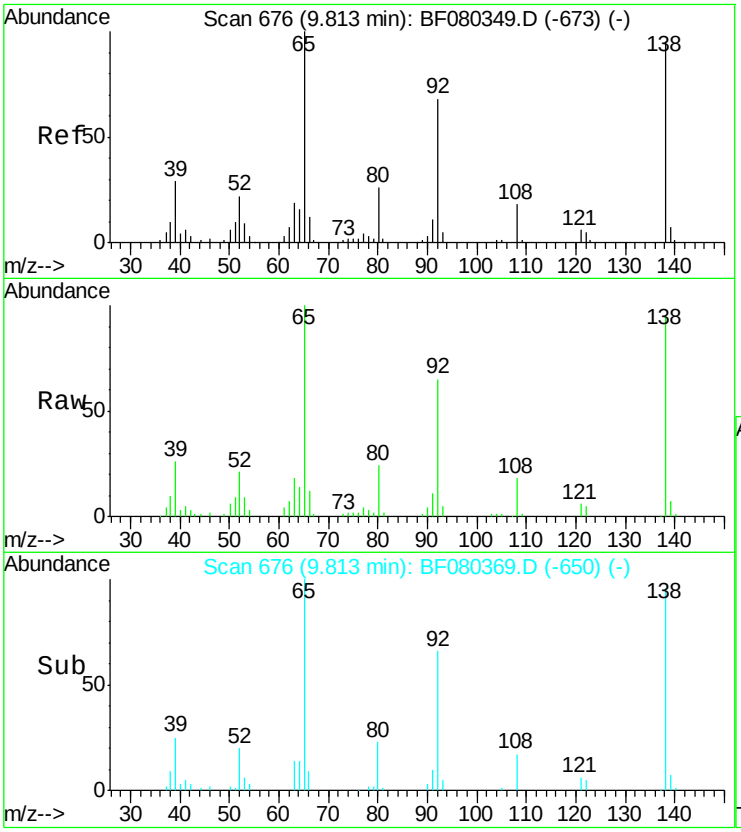


#46
2-Chloronaphthalene
Concen: 42.42 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:162 Resp: 193885

Ion	Ratio	Lower	Upper
162	100		
127	33.7	27.3	40.9
164	33.5	27.2	40.8

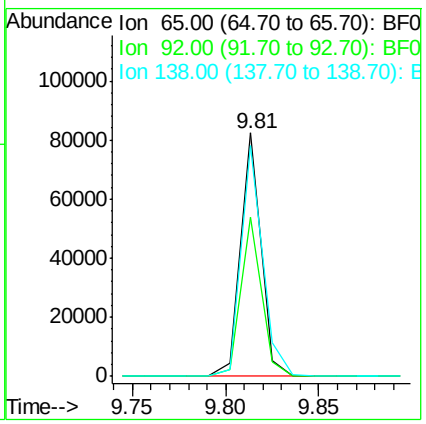




#47
2-Nitroaniline
Concen: 49.74 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion: 65 Resp: 63614

Ion	Ratio	Lower	Upper
65	100		
92	65.5	54.2	81.2
138	94.6	76.1	114.1



Instrument :
BNA_F
ClientSampleId :
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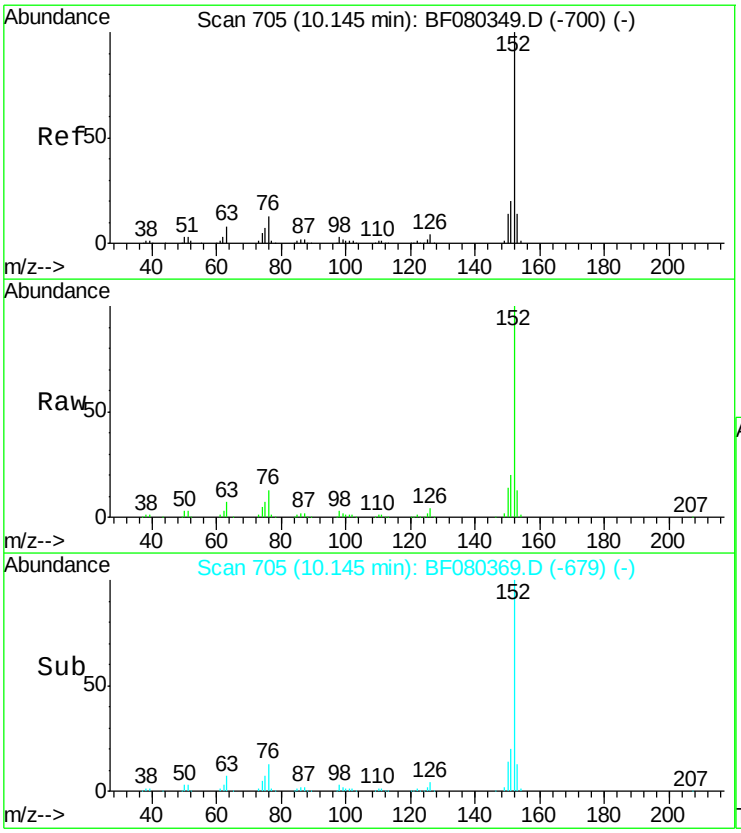
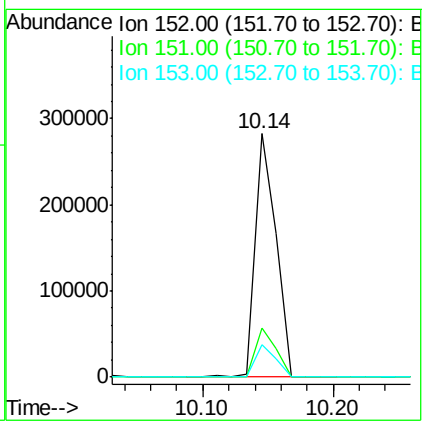
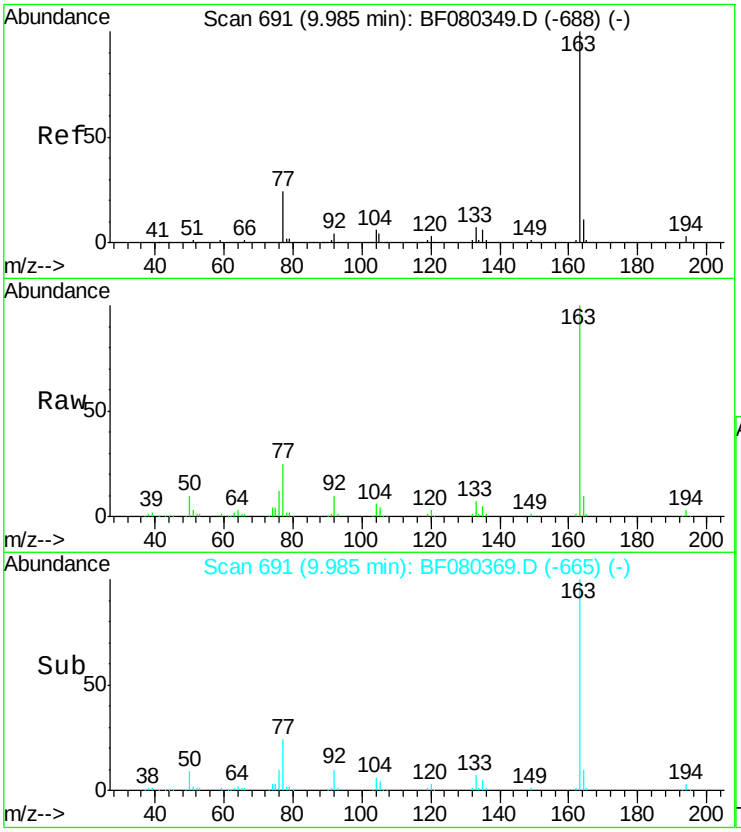


#48
Acenaphthylene
Concen: 41.00 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:152 Resp: 311872

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.5	11.0	16.4

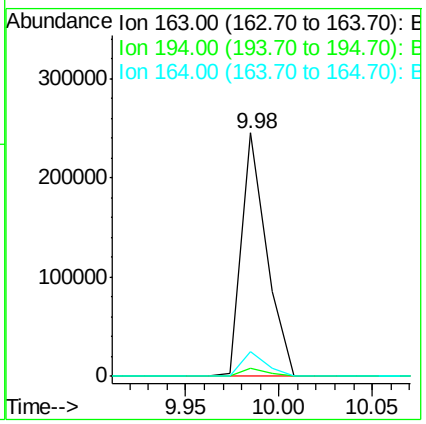




#49
Dimethylphthalate
Concen: 42.31 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:163 Resp: 229397

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	3.8
164	10.4	8.5	12.7



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ClientSampleId :
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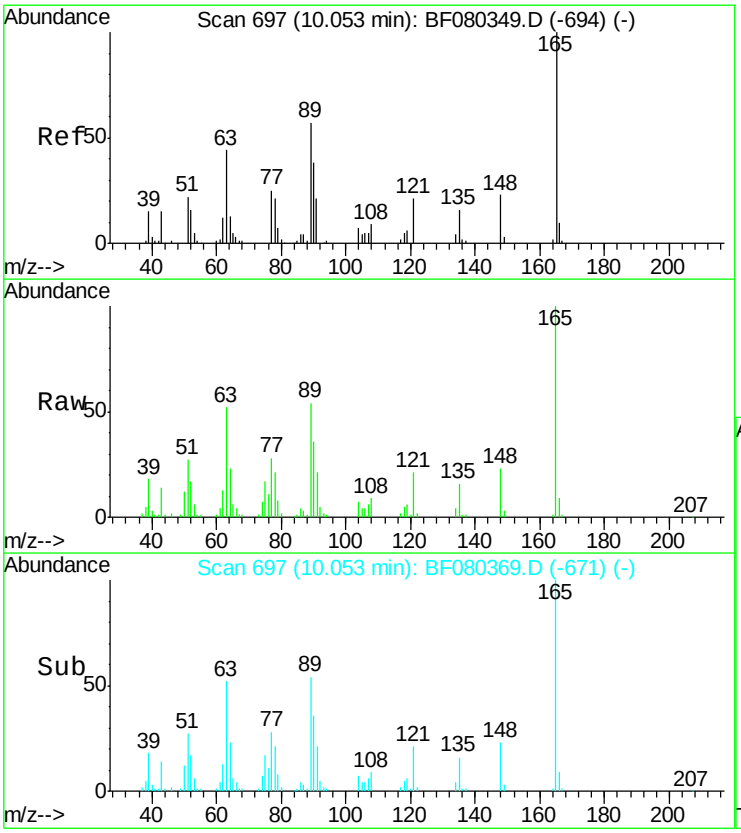
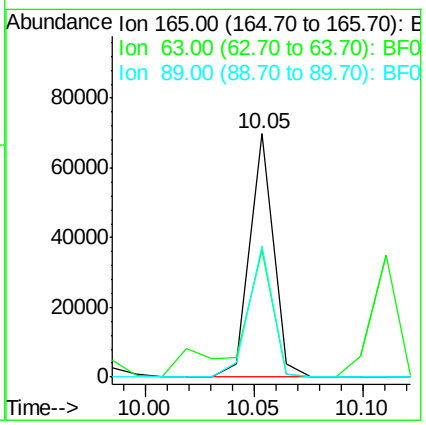
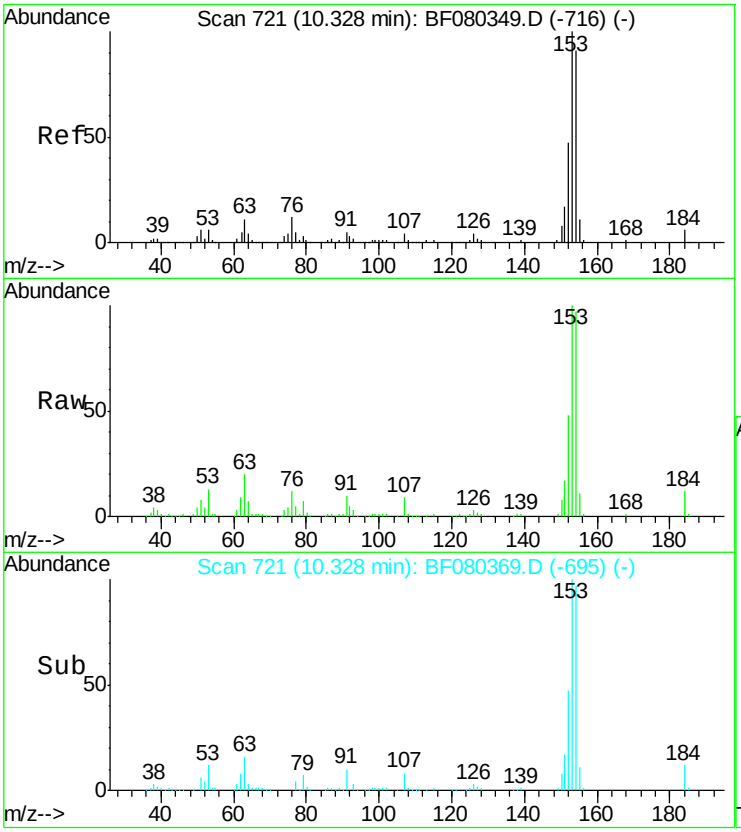


#50
2,6-Dinitrotoluene
Concen: 46.87 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:165 Resp: 53129

Ion	Ratio	Lower	Upper
165	100		
63	52.2	44.8	67.2
89	53.7	45.9	68.9

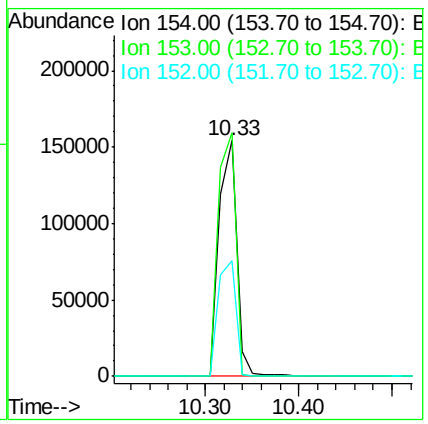




#51
Acenaphthene
Concen: 44.61 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:154 Resp: 203153

Ion	Ratio	Lower	Upper
154	100		
153	103.3	88.1	132.1
152	49.3	41.8	62.6



Instrument :
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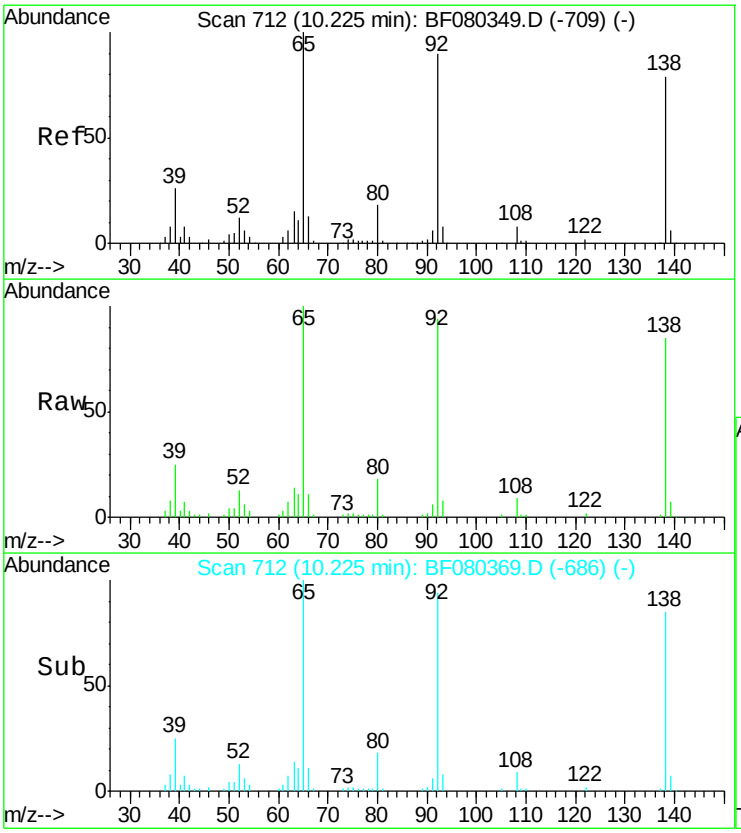
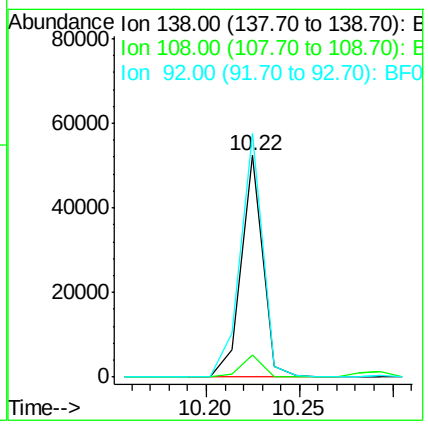
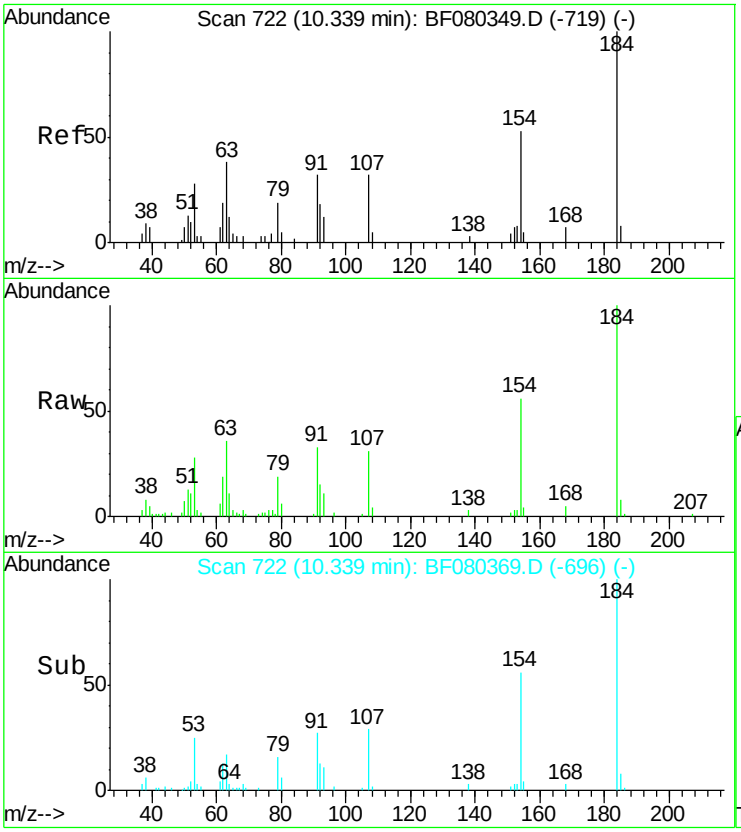


#52
3-Nitroaniline
Concen: 33.15 ng
RT: 10.22 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:138 Resp: 42343

Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.8	11.8
92	109.8	91.0	136.6

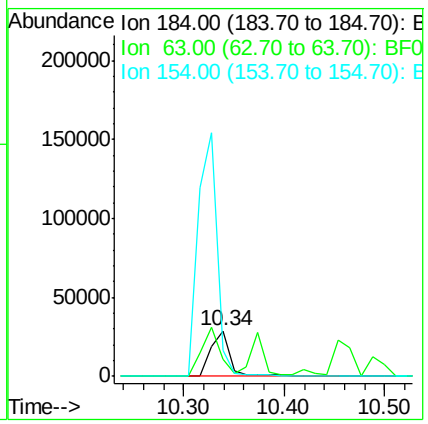




#53
2,4-Dinitrophenol
Concen: 79.59 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:184 Resp: 39231

Ion	Ratio	Lower	Upper
184	100		
63	36.4	30.6	46.0
154	55.8	45.3	67.9



Instrument :
BNA_F
ClientSampleId :
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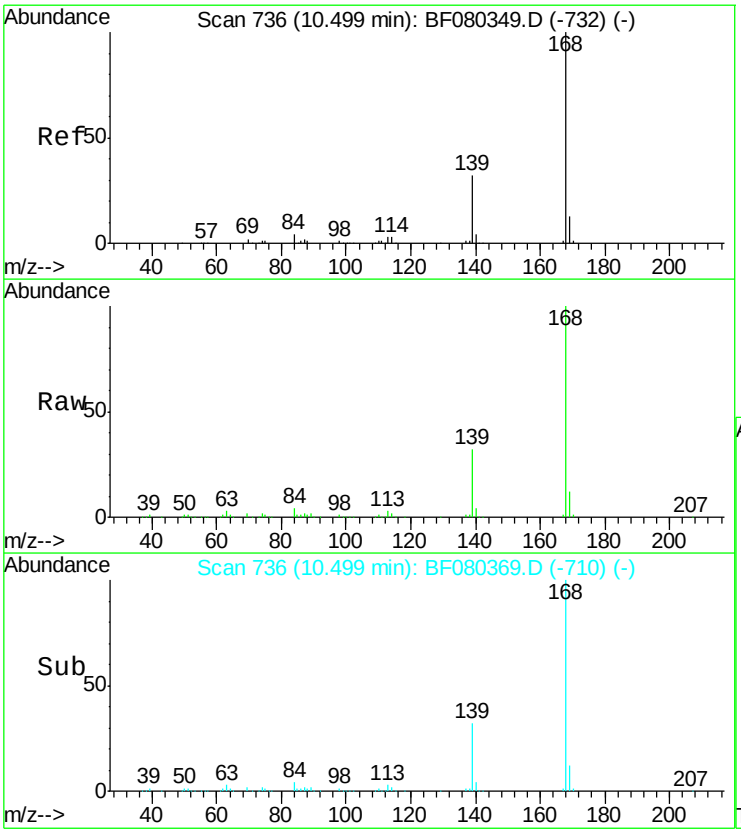
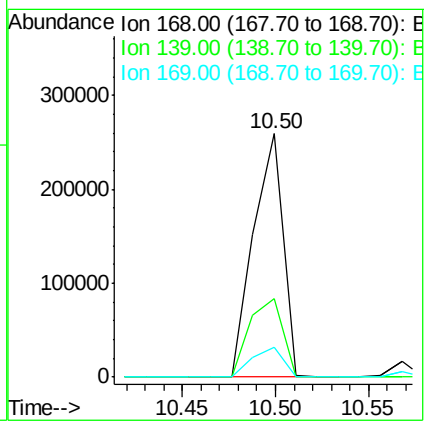
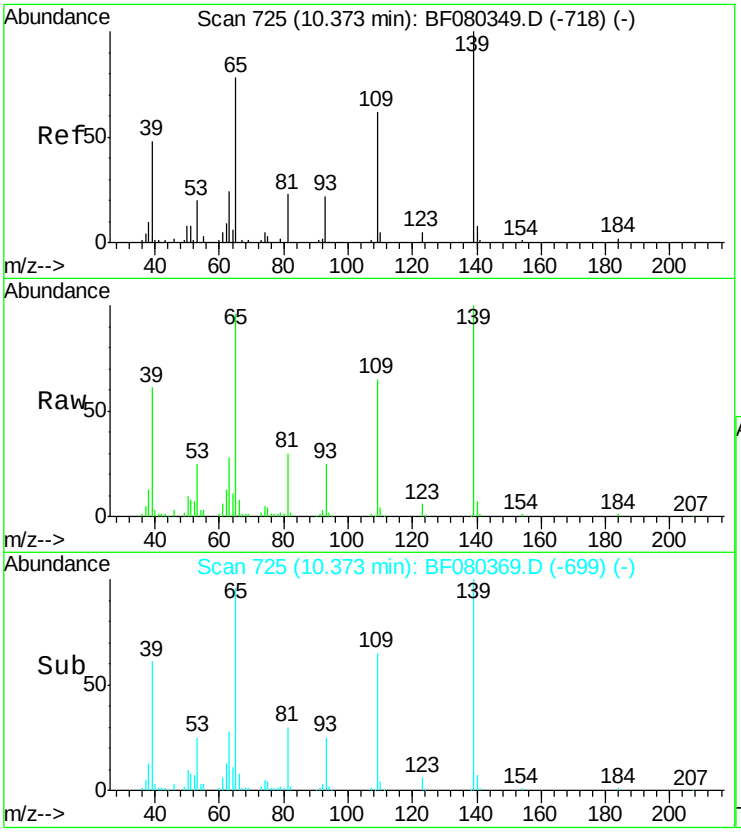


#54
Dibenzofuran
Concen: 43.85 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:168 Resp: 283917

Ion	Ratio	Lower	Upper
168	100		
139	32.0	25.9	38.9
169	12.5	10.3	15.5

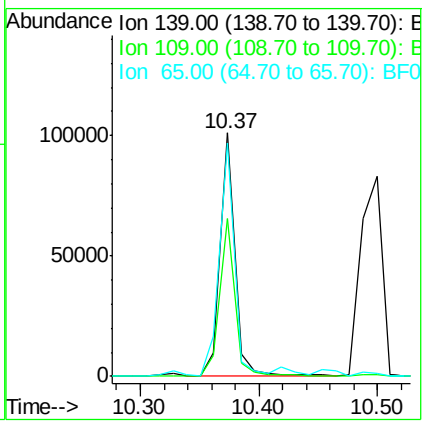




#55
4-Nitrophenol
Concen: 92.92 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:139 Resp: 86992

Ion	Ratio	Lower	Upper
139	100		
109	65.0	42.3	82.3
65	96.0	58.5	98.5



Instrument :
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ClientSampleId :
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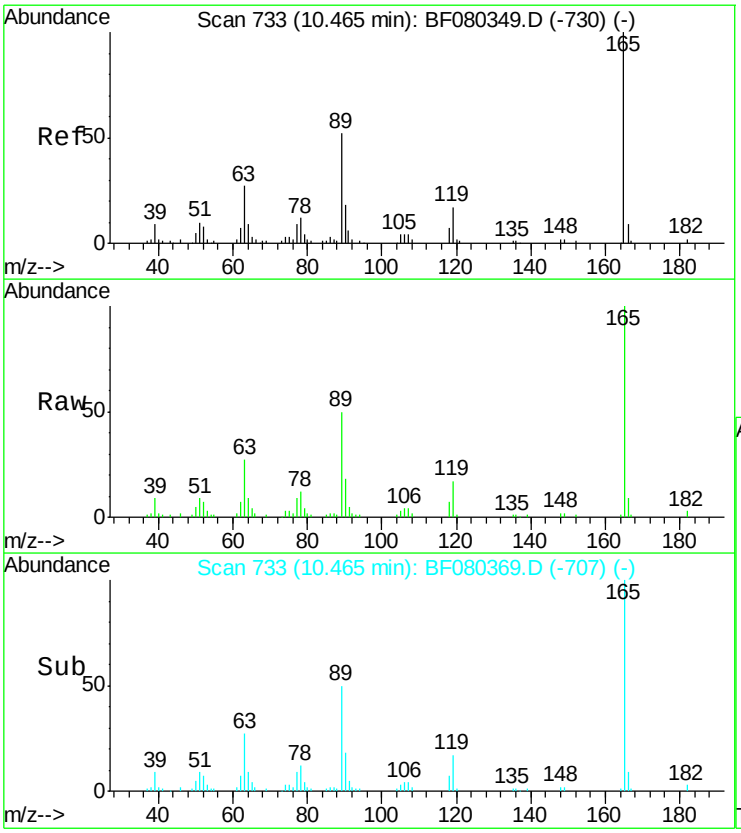
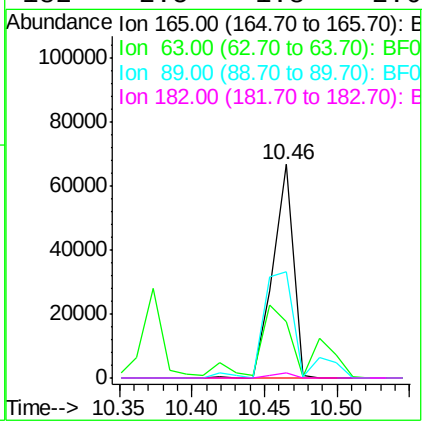
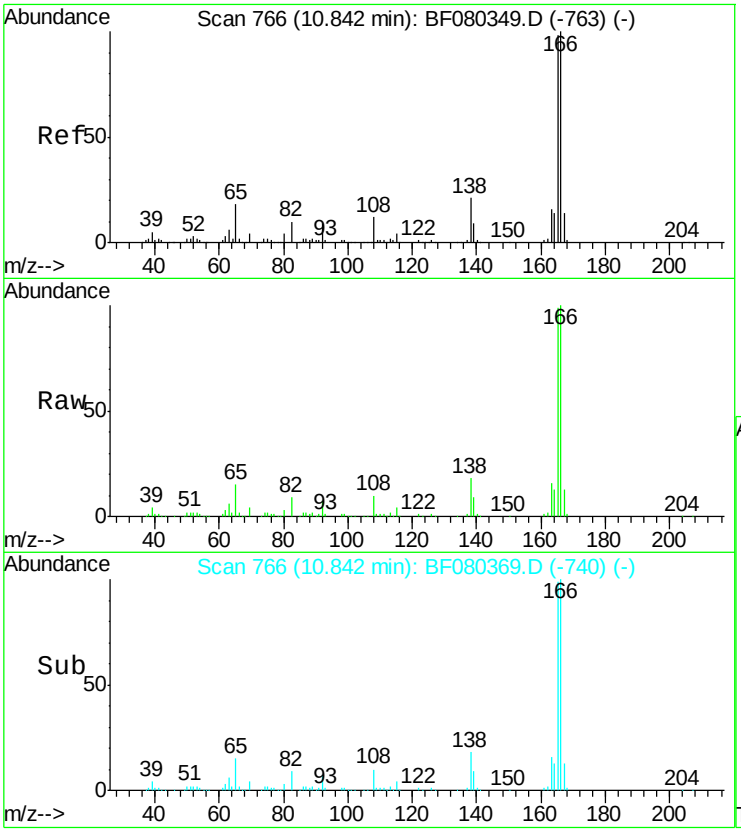


#56
2,4-Dinitrotoluene
Concen: 44.60 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:165 Resp: 65014

Ion	Ratio	Lower	Upper
165	100		
63	26.6	21.8	32.8
89	49.7	41.3	61.9
182	2.5	1.8	2.6

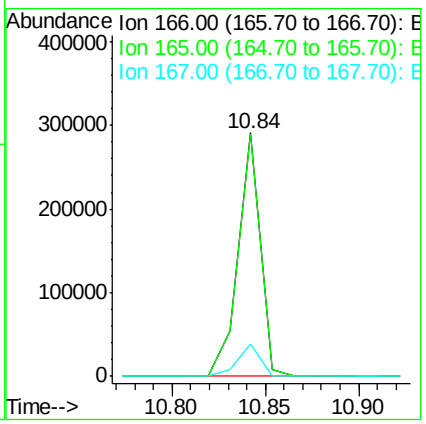




#57
Fluorene
Concen: 43.32 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:166 Resp: 241540

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.6	117.8
167	13.2	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
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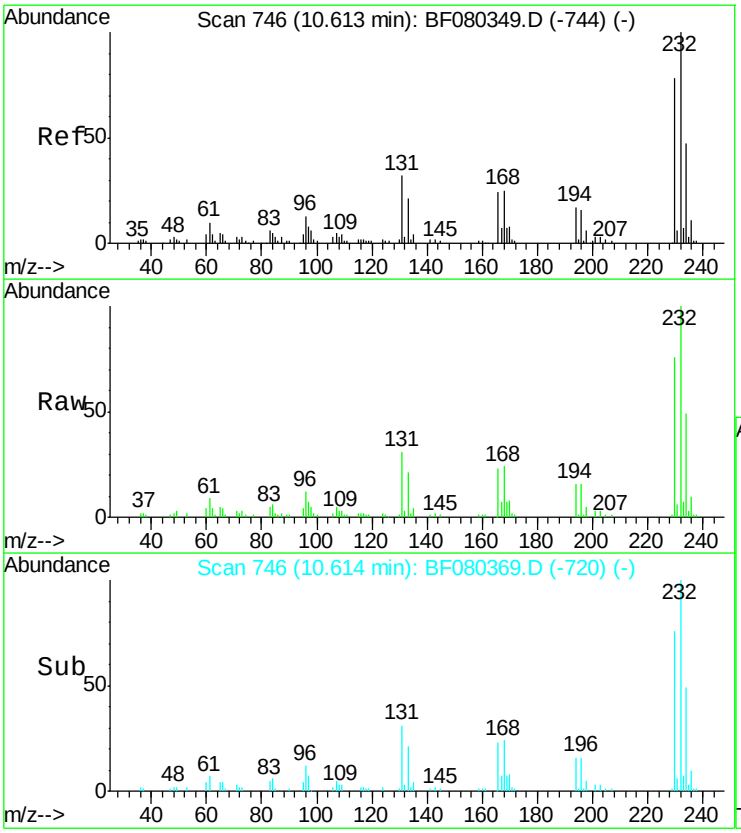
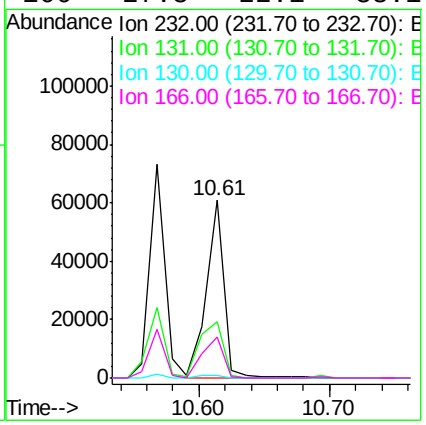
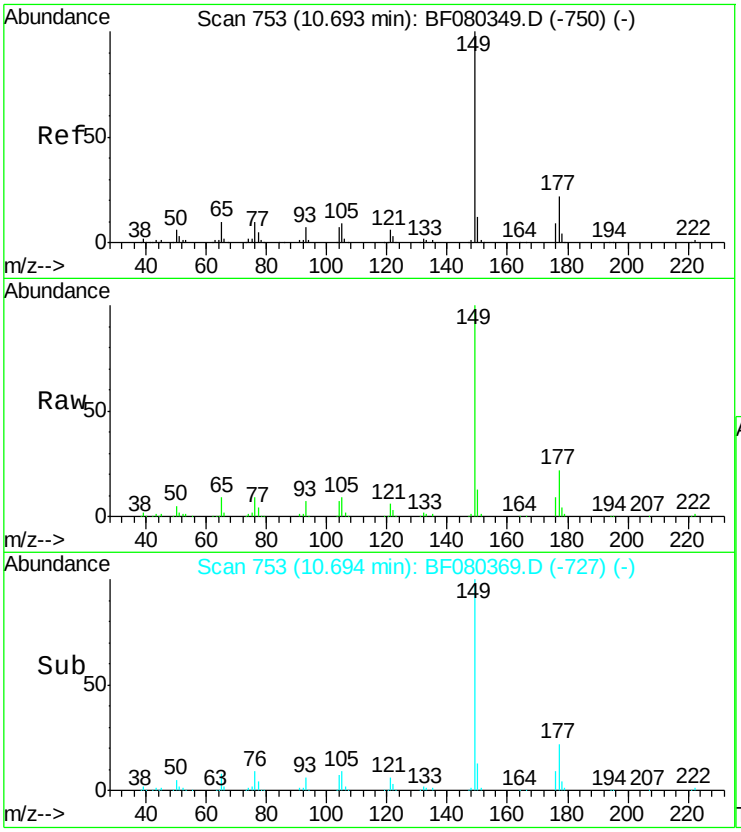


#58
2,3,4,6-Tetrachlorophenol
Concen: 43.46 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:232 Resp: 57210

Ion	Ratio	Lower	Upper
232	100		
131	41.9	33.4	50.2
130	2.0	1.8	2.6
166	27.3	22.1	33.1

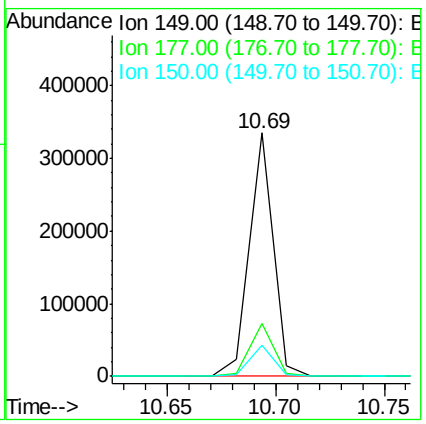




#59
Diethylphthalate
Concen: 47.42 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:149 Resp: 256824

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.6	26.4
150	12.7	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
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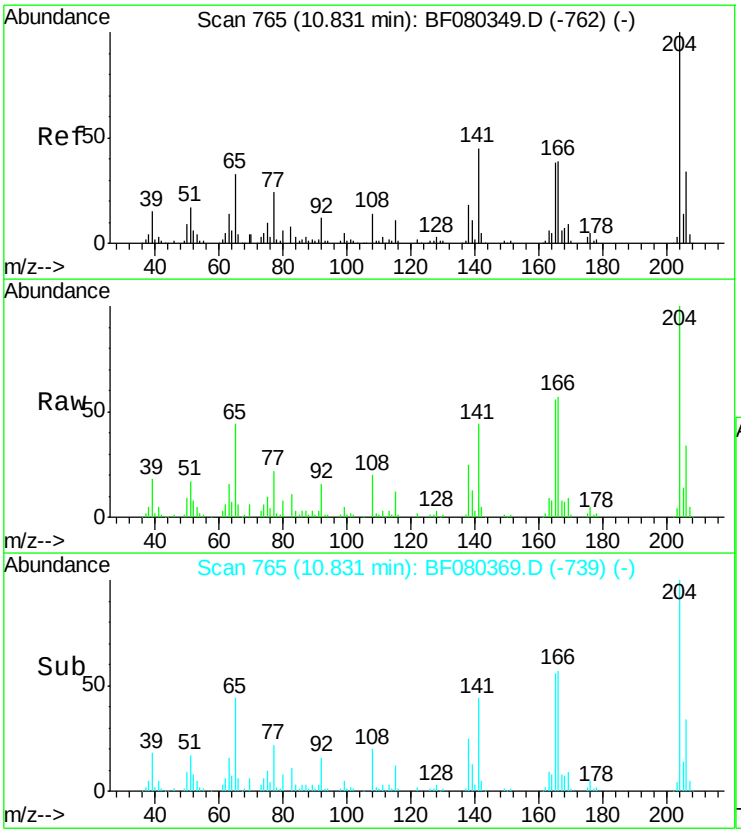
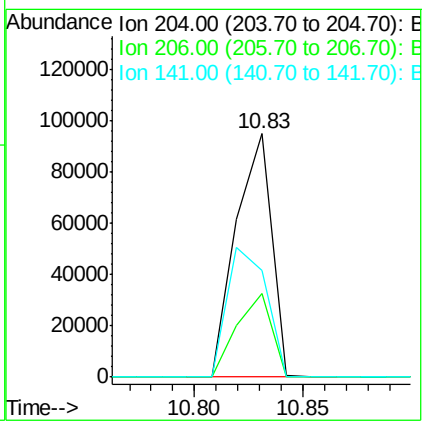
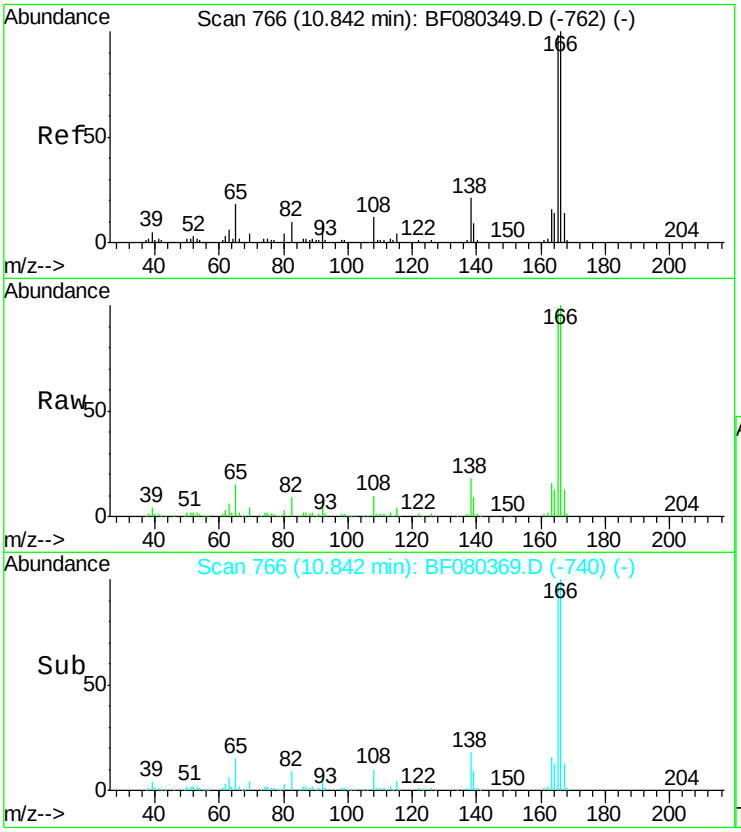


#60
4-Chlorophenyl-phenylether
Concen: 43.63 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:204 Resp: 107652

Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.2	40.8
141	44.0	35.9	53.9

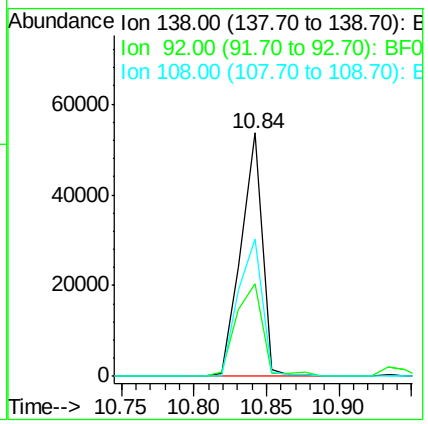




#61
4-Nitroaniline
Concen: 44.60 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:138 Resp: 55296

Ion	Ratio	Lower	Upper
138	100		
92	38.1	21.0	61.0
108	56.4	38.4	78.4



Instrument :
BNA_F
ClientSampleId :
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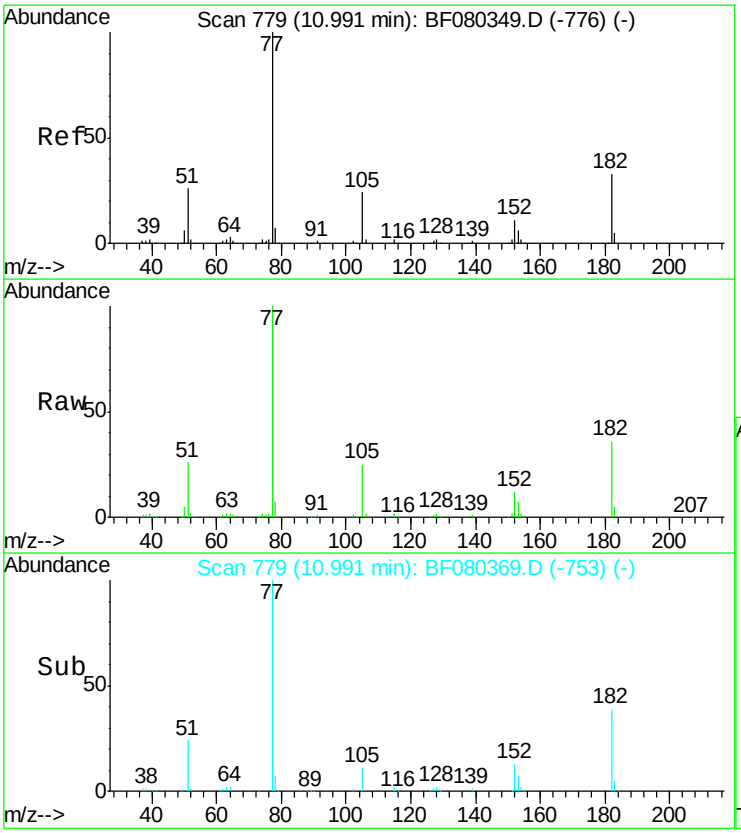
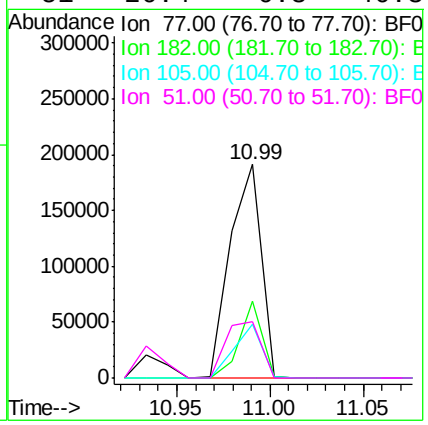
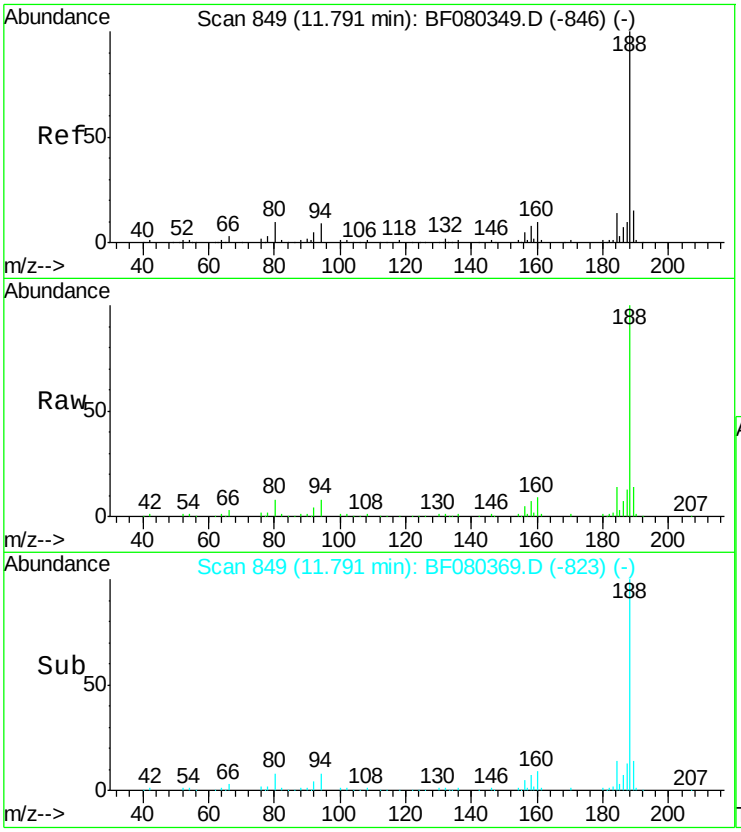


#62
Azobenzene
Concen: 43.48 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion: 77 Resp: 223671

Ion	Ratio	Lower	Upper
77	100		
182	35.8	13.2	53.2
105	25.2	4.3	44.3
51	26.4	6.3	46.3





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.79 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:188 Resp: 148511

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.5	11.3
80	7.9	8.3	12.5#

Instrument :
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ClientSampleId :
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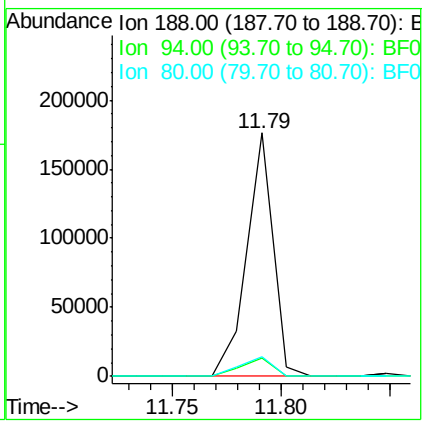
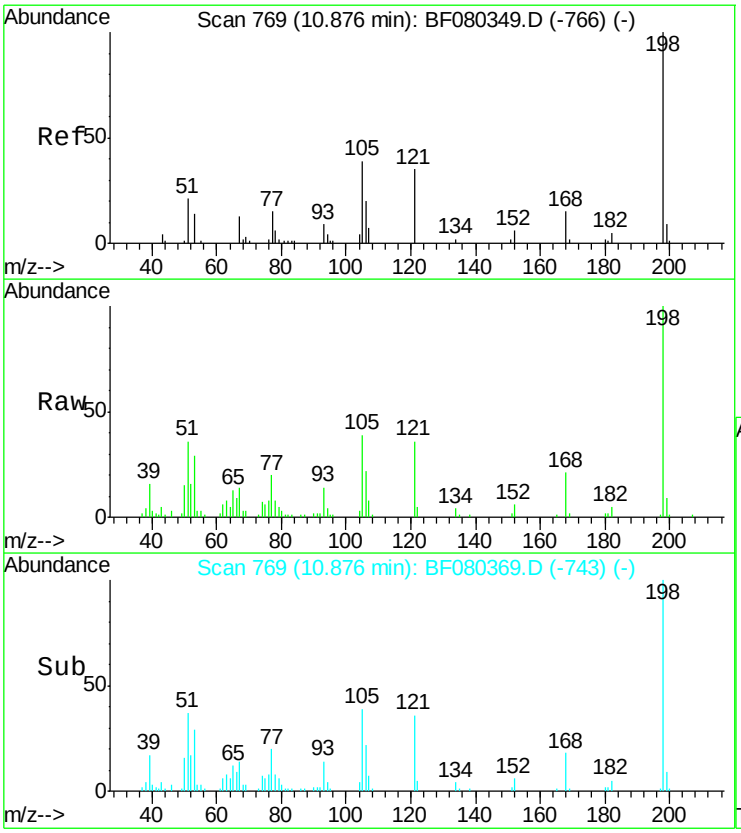
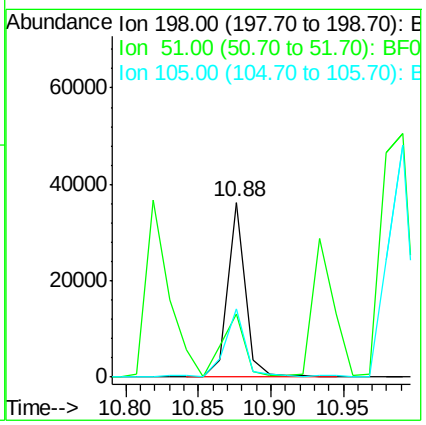


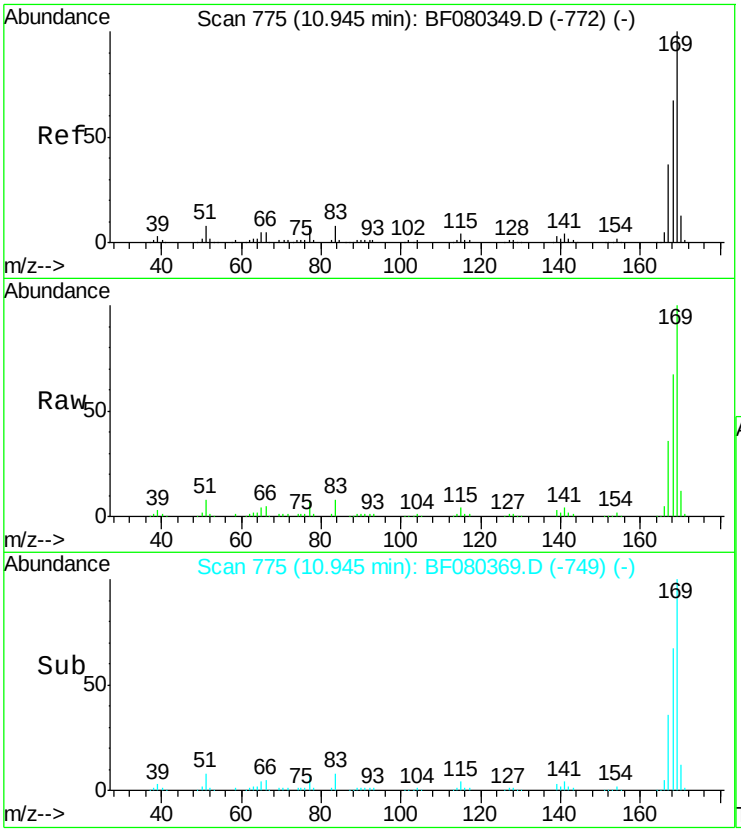


#64
4,6-Dinitro-2-methylphenol
Concen: 36.86 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:198 Resp: 30673

Ion	Ratio	Lower	Upper
198	100		
51	36.2	17.0	57.0
105	38.7	20.9	60.9

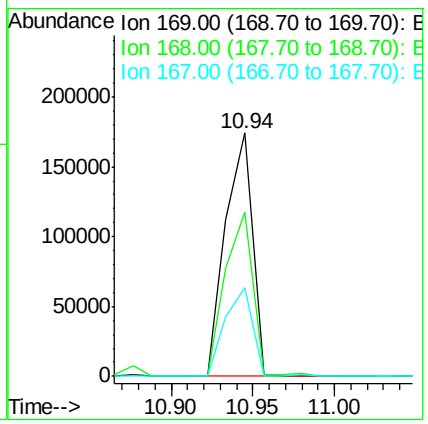




#65
n-Nitrosodiphenylamine
Concen: 41.81 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:169 Resp: 197792

Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.5	80.3
167	36.4	29.5	44.3



Instrument :
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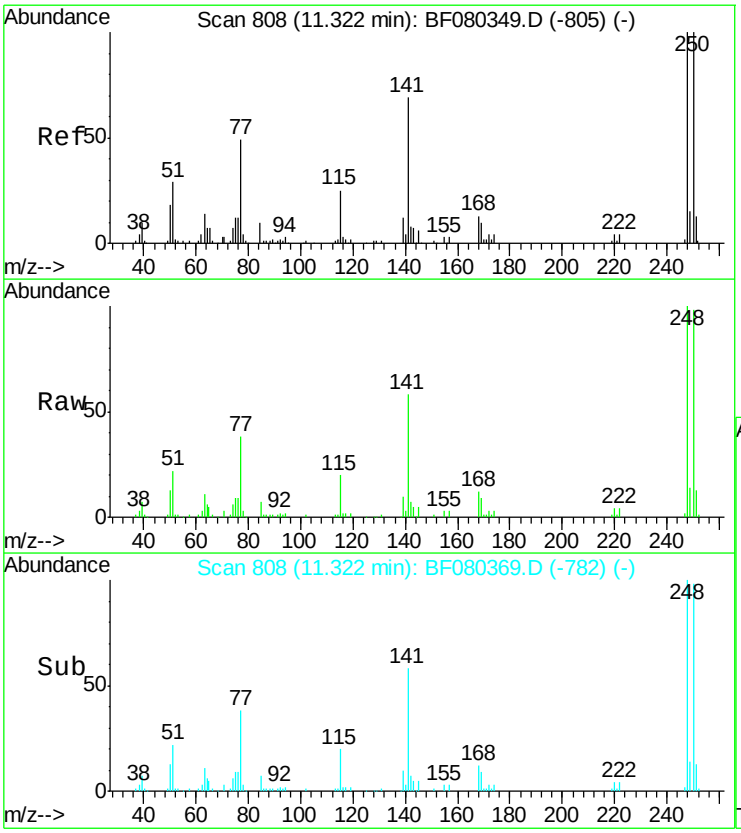
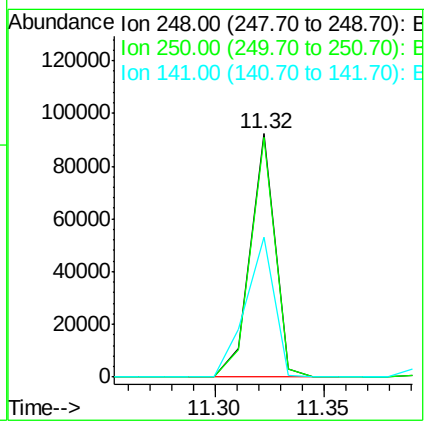
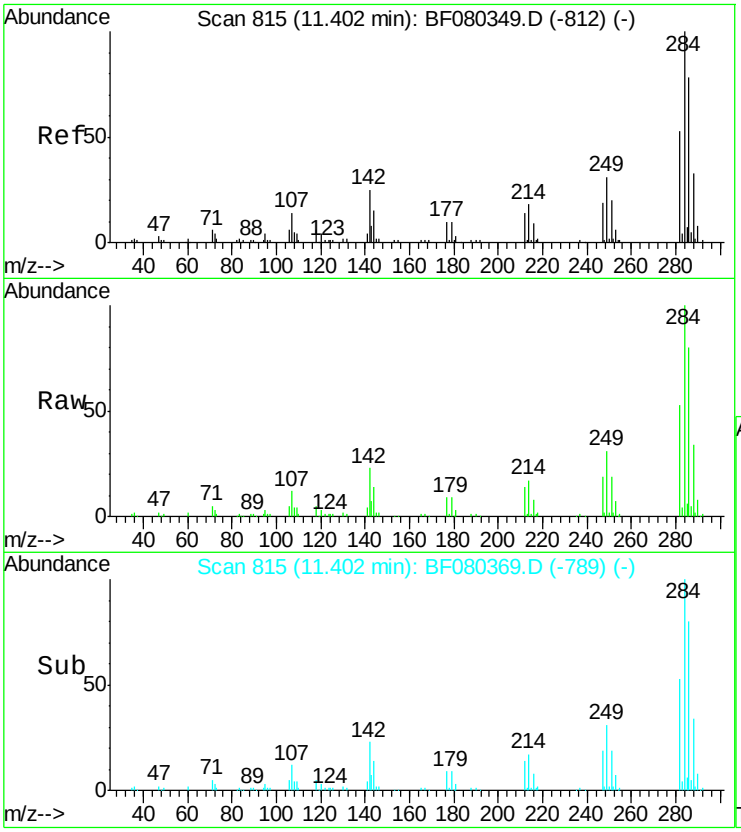


#66
4-Bromophenyl-phenylether
Concen: 43.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:248 Resp: 73162

Ion	Ratio	Lower	Upper
248	100		
250	98.4	80.0	120.0
141	57.5	54.8	82.2

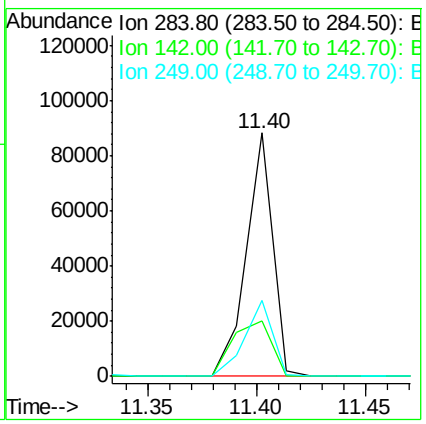




#67
Hexachlorobenzene
Concen: 41.78 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:284 Resp: 74566

Ion	Ratio	Lower	Upper
284	100		
142	22.7	20.3	30.5
249	31.0	24.7	37.1



Instrument :
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ClientSampleId :
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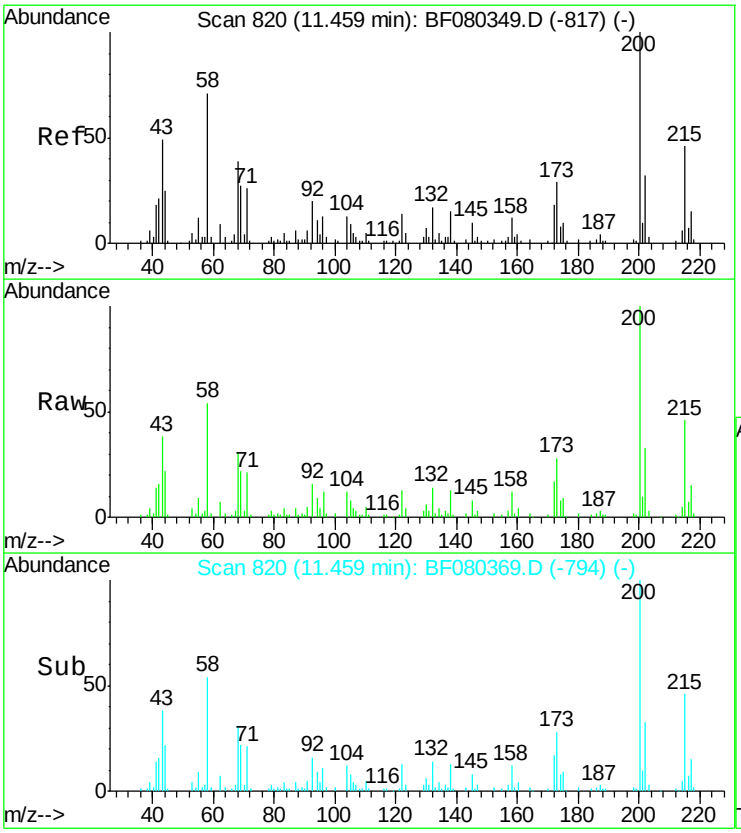
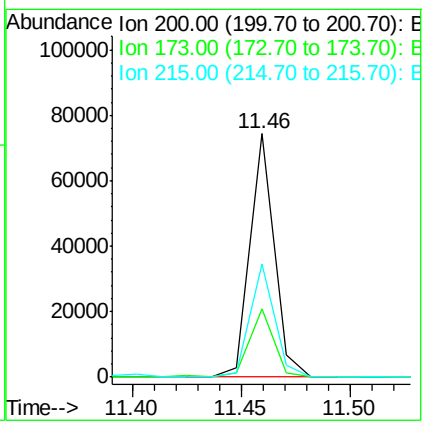
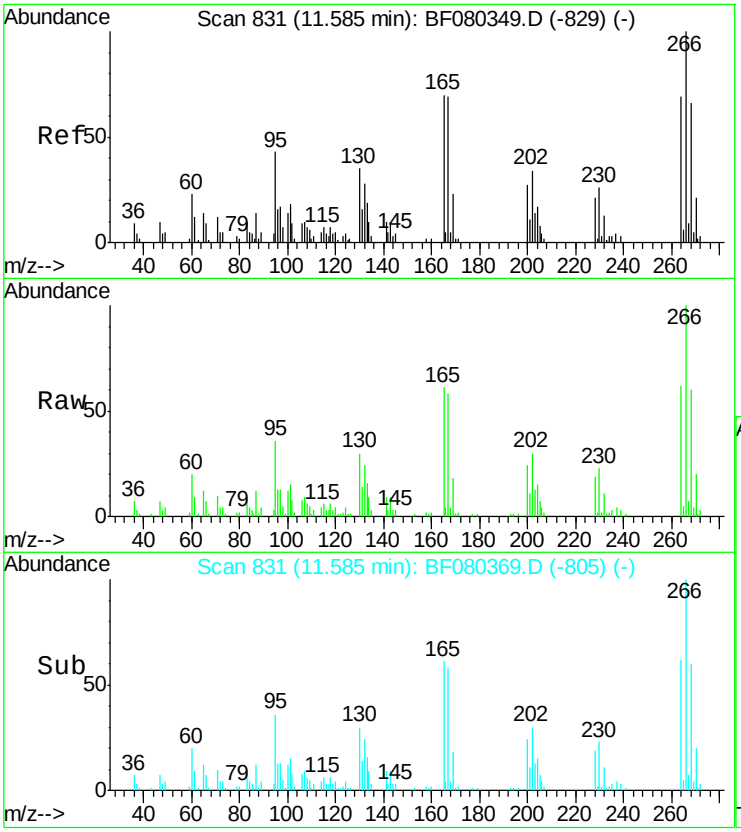


#68
Atrazine
Concen: 40.96 ng
RT: 11.46 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:200 Resp: 57680

Ion	Ratio	Lower	Upper
200	100		
173	28.1	9.9	49.9
215	46.4	26.2	66.2

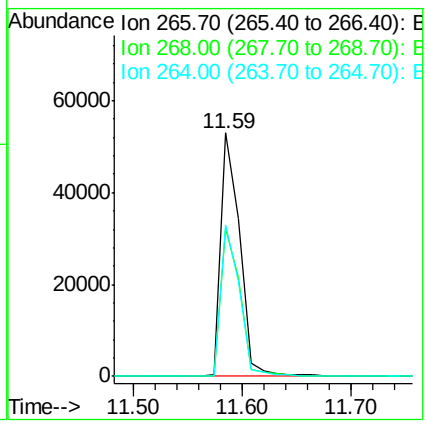




#69
Pentachlorophenol
Concen: 72.70 ng
RT: 11.59 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:266 Resp: 64155

Ion	Ratio	Lower	Upper
266	100		
268	60.4	52.7	79.1
264	62.3	55.0	82.6



Instrument :
BNA_F
ClientSampleId :
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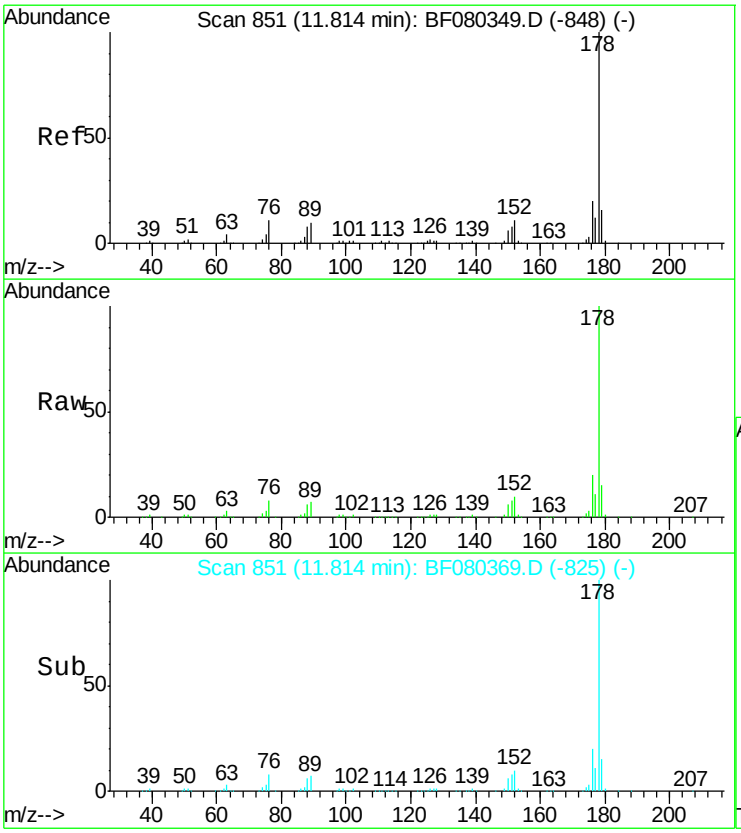
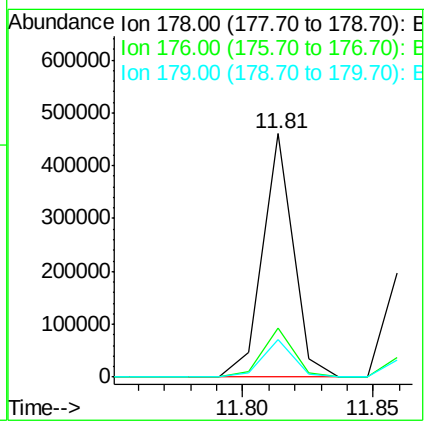
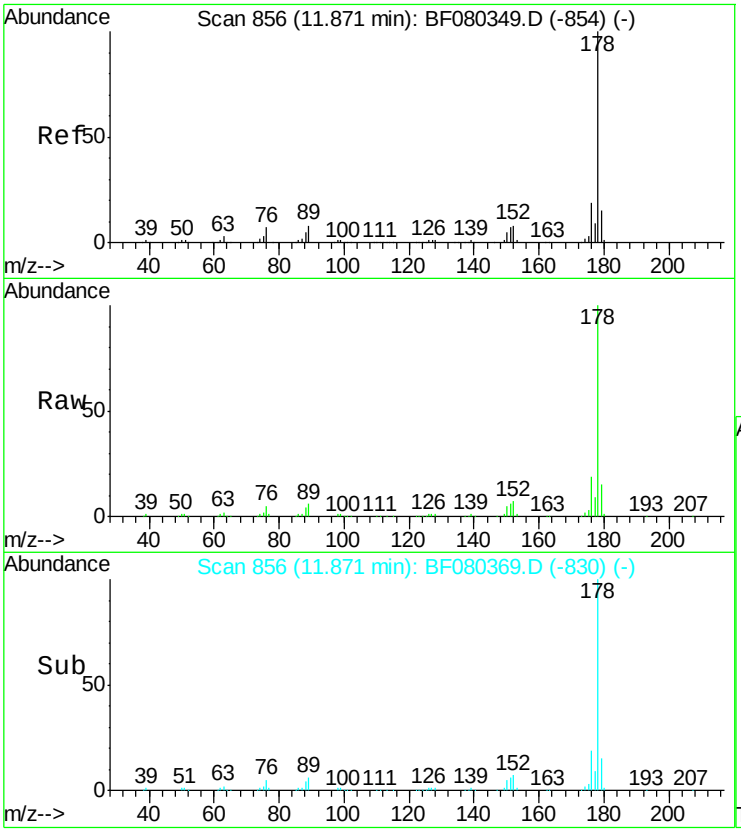


#70
Phenanthrene
Concen: 41.84 ng
RT: 11.81 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:178 Resp: 372669

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.1	24.1
179	15.4	12.6	18.8

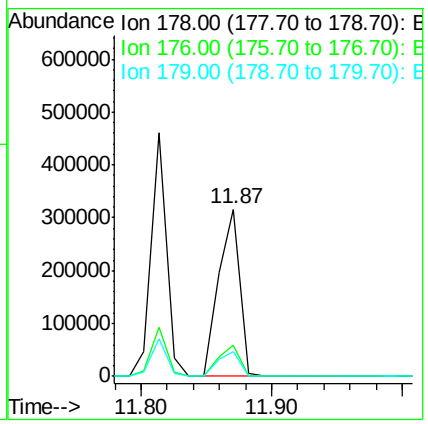




#71
Anthracene
Concen: 41.10 ng
RT: 11.87 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:178 Resp: 358974

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	14.6	12.3	18.5



Instrument :
BNA_F
ClientSampleId :
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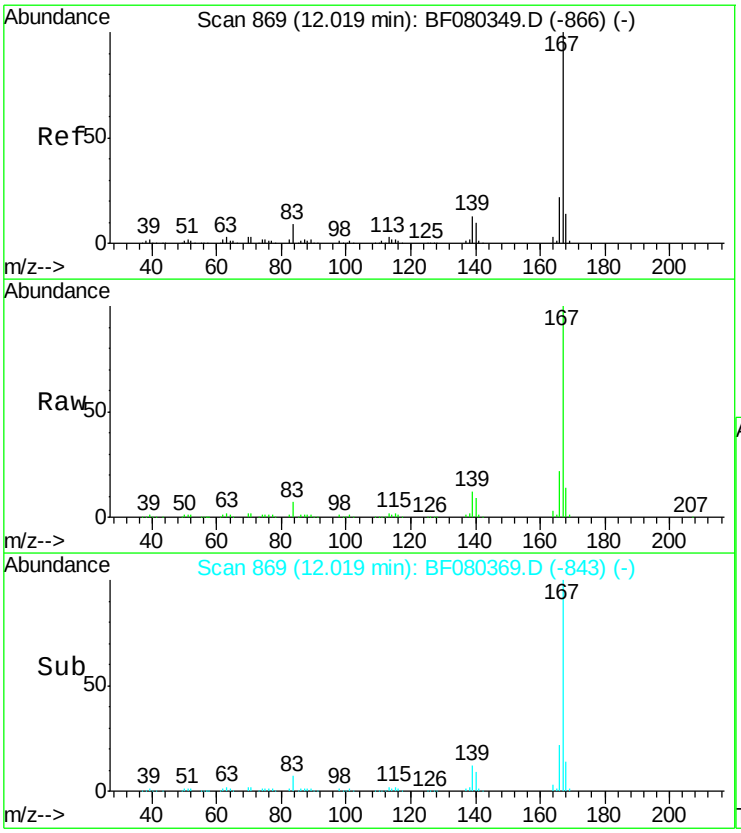
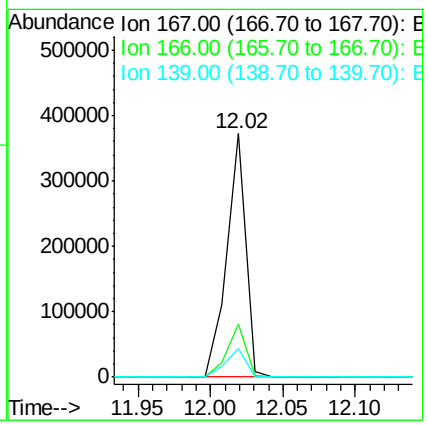
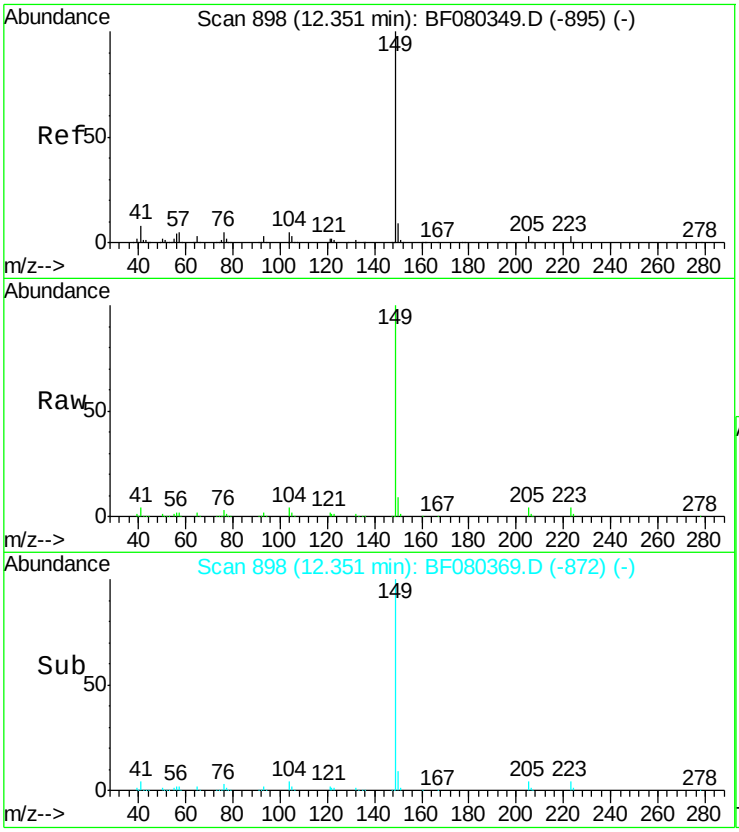


#72
Carbazole
Concen: 41.50 ng
RT: 12.02 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:167 Resp: 338106

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.6
139	12.0	10.4	15.6

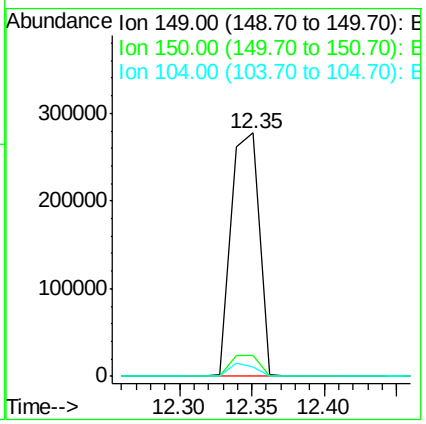




#73
Di-n-butylphthalate
Concen: 40.09 ng
RT: 12.35 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:149 Resp: 373539

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.5	11.3
104	3.6	3.9	5.9#



Instrument :
BNA_F
ClientSampleId :
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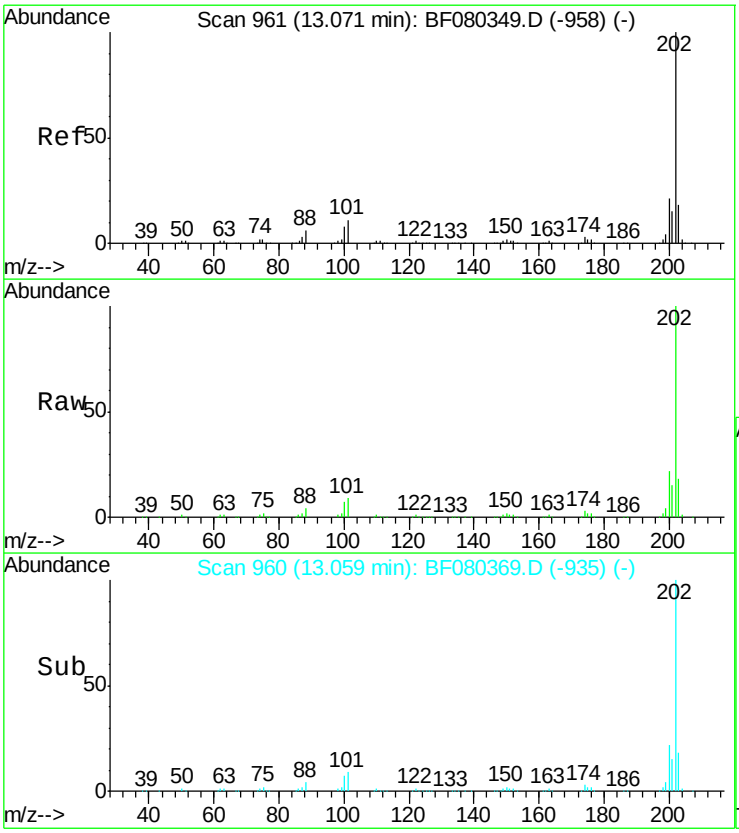
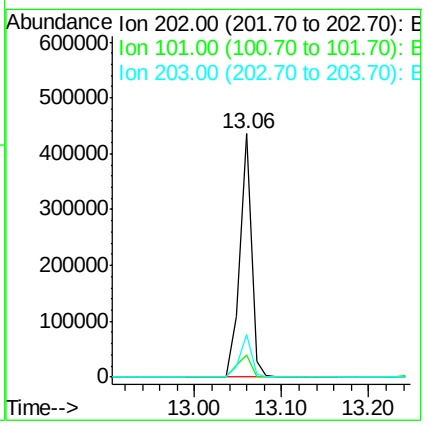
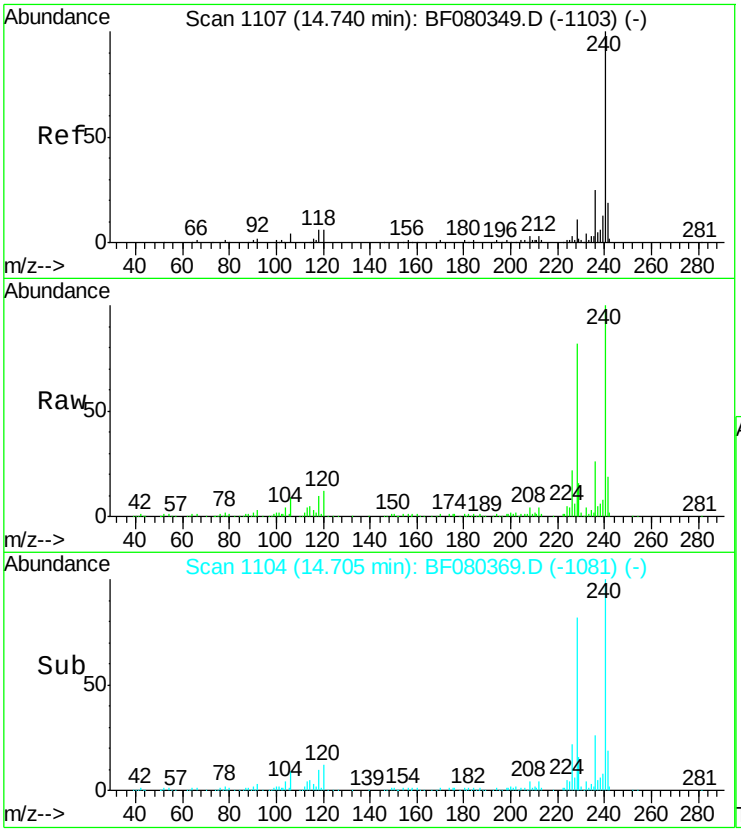


#74
Fluoranthene
Concen: 41.50 ng
RT: 13.06 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:202 Resp: 397218

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	31.0
203	17.7	0.0	37.6





#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 1104
Delta R.T. -0.03 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:240 Resp: 152187

Ion	Ratio	Lower	Upper
240	100		
120	11.7	5.1	7.7#
236	26.3	20.4	30.6

Instrument :
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ClientSampleId :
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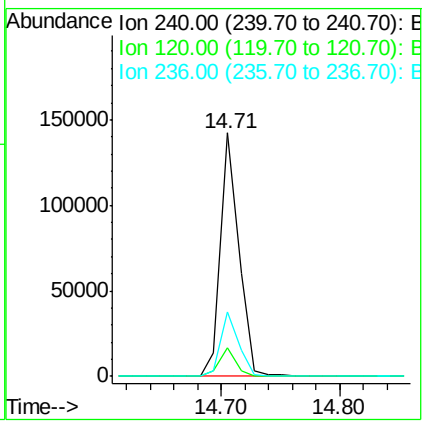
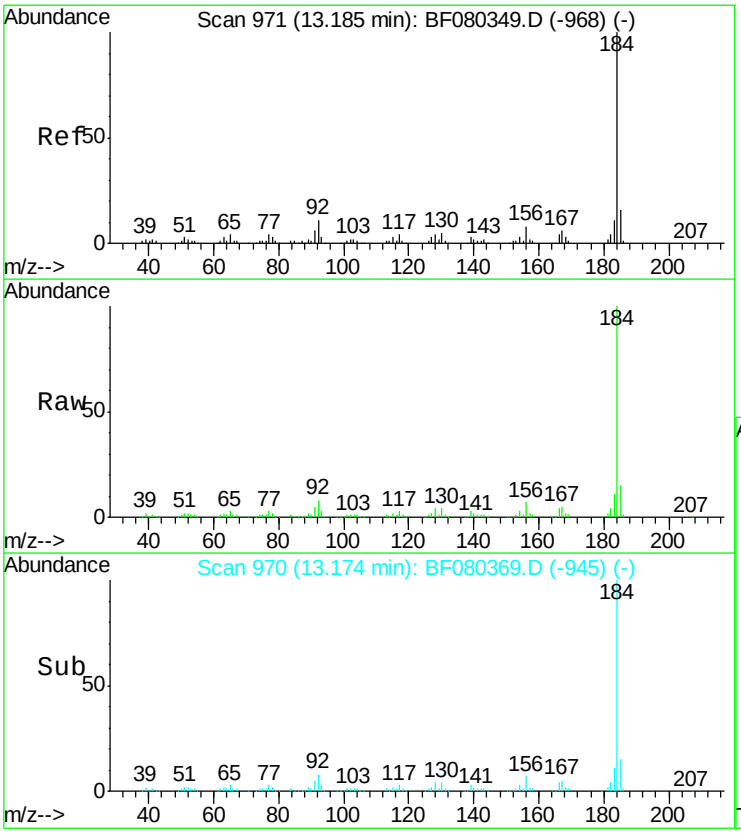
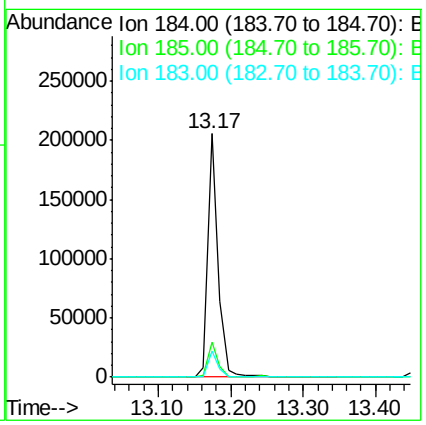


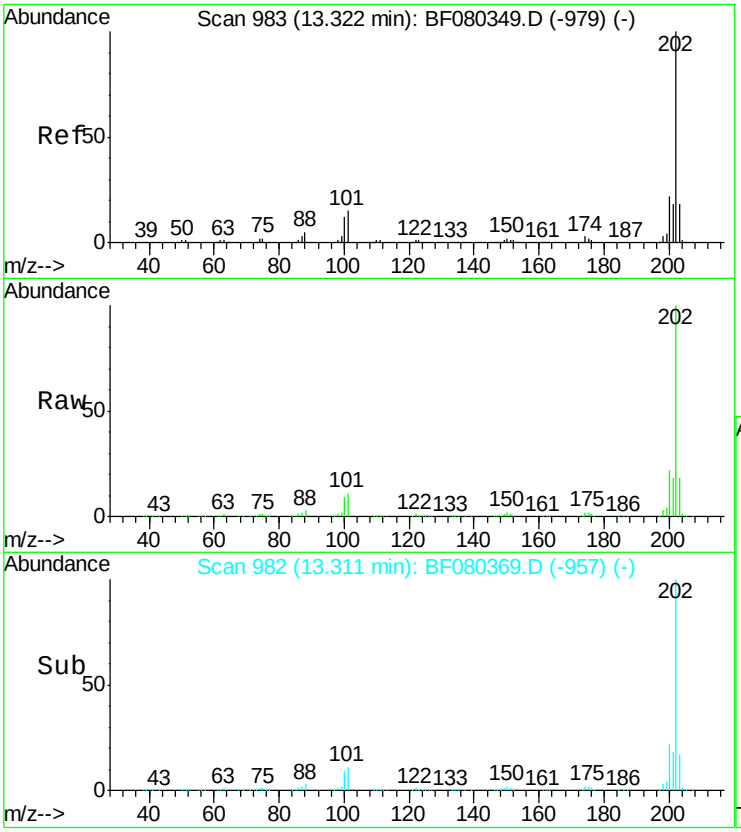


#76
Benzidine
Concen: 52.14 ng
RT: 13.17 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:184 Resp: 201264

Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.6	19.0
183	10.9	9.2	13.8

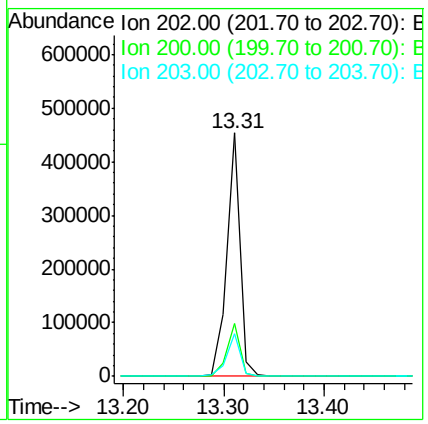




#77
Pyrene
Concen: 45.06 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:202 Resp: 414750

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.2	25.8
203	17.6	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
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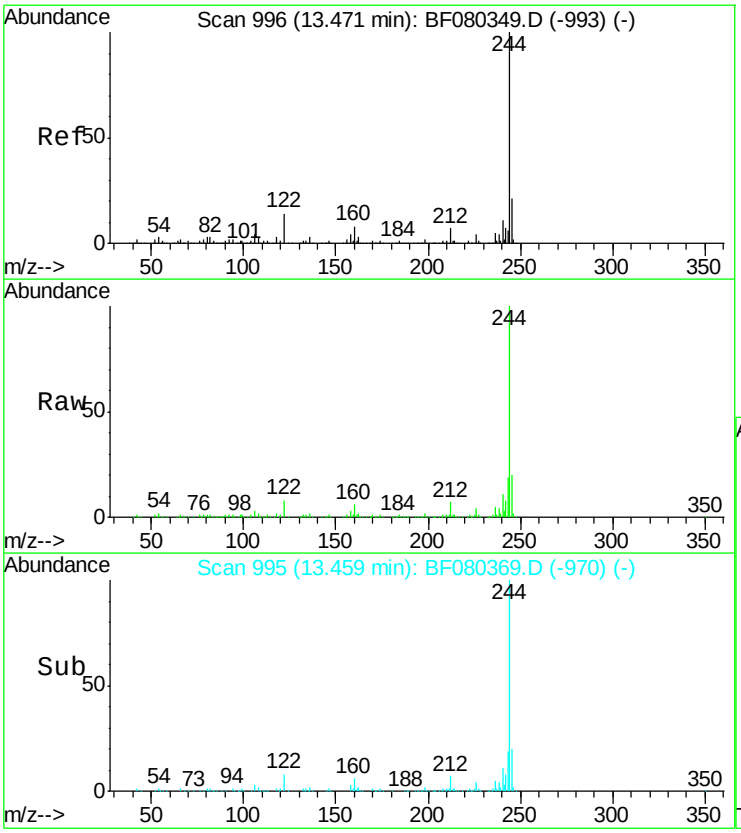
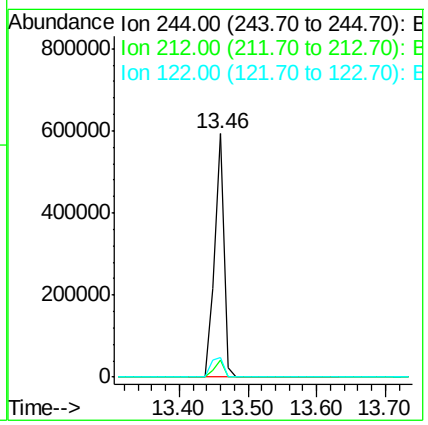
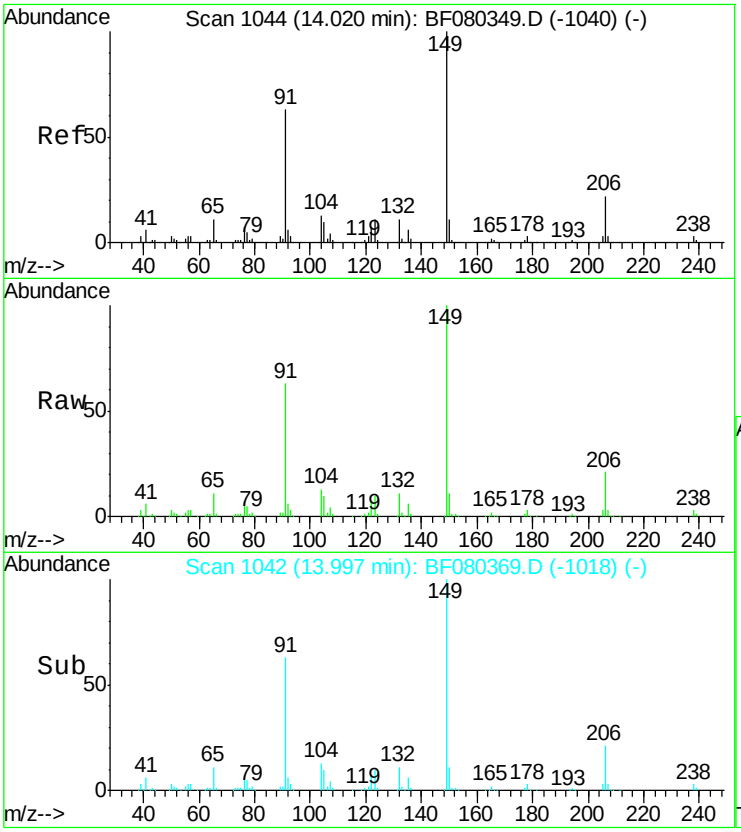


#78
Terphenyl-d14
Concen: 88.55 ng
RT: 13.46 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:244 Resp: 577771

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	8.1	11.1	16.7#

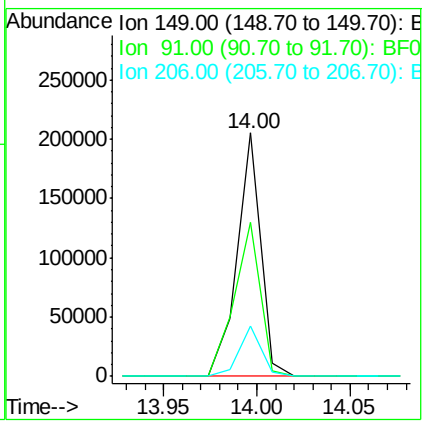




#79
Butylbenzylphthalate
Concen: 49.71 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:149 Resp: 182598

Ion	Ratio	Lower	Upper
149	100		
91	63.3	50.8	76.2
206	20.7	17.6	26.4



Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

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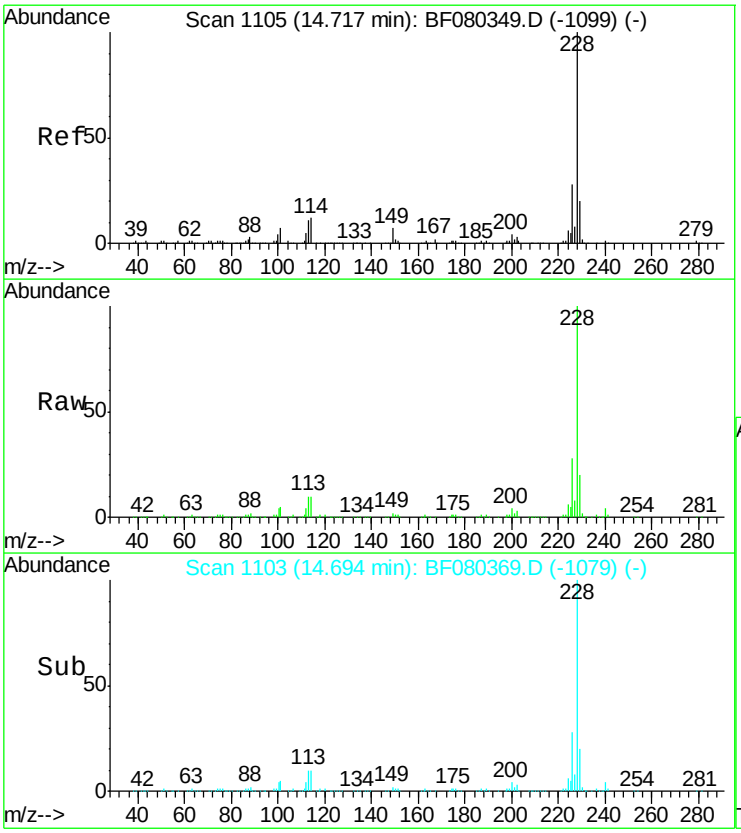
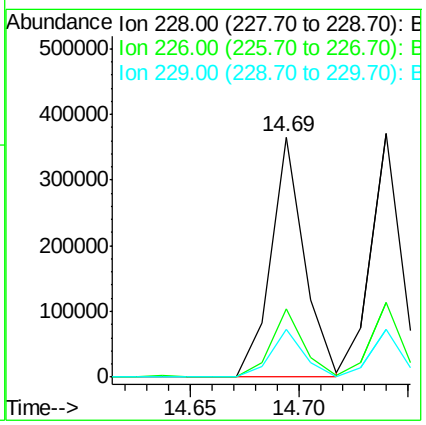
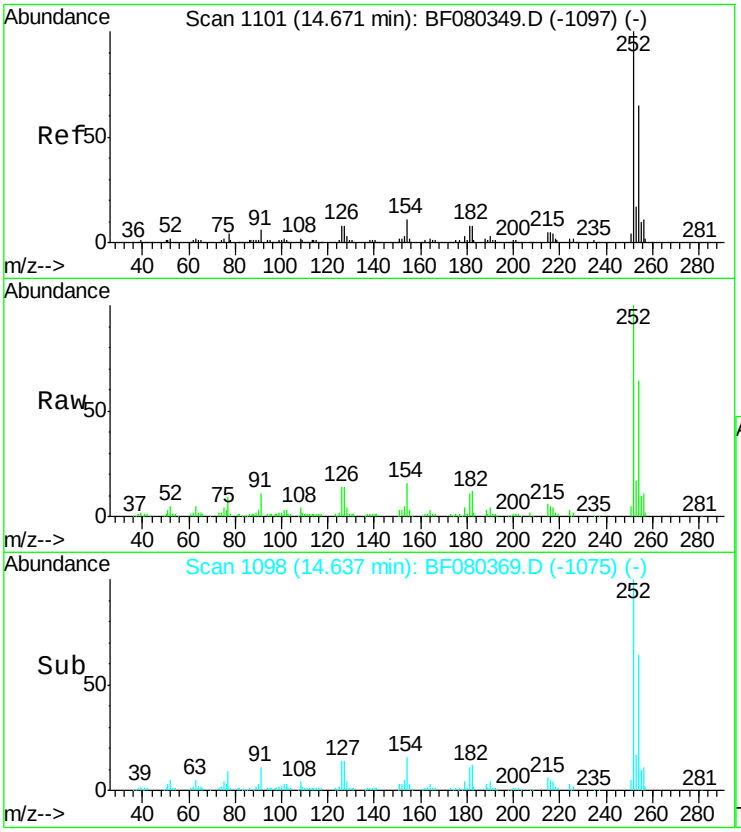


#80
Benzo(a)anthracene
Concen: 42.85 ng
RT: 14.69 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:228 Resp: 392970

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.2	33.4
229	20.1	16.0	24.0

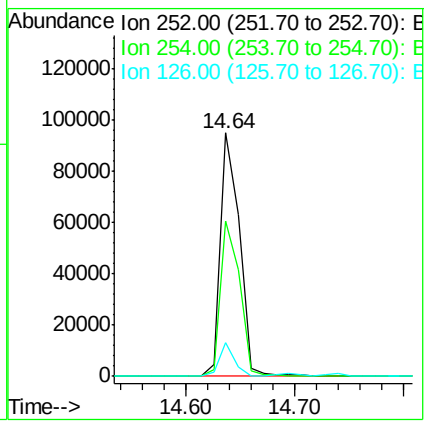




#81
3,3'-Dichlorobenzidine
Concen: 38.12 ng
RT: 14.64 min Scan# 1098
Delta R.T. -0.03 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:252 Resp: 115936

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.7	77.5
126	13.7	6.3	9.5#



Instrument :
BNA_F
ClientSampleId :
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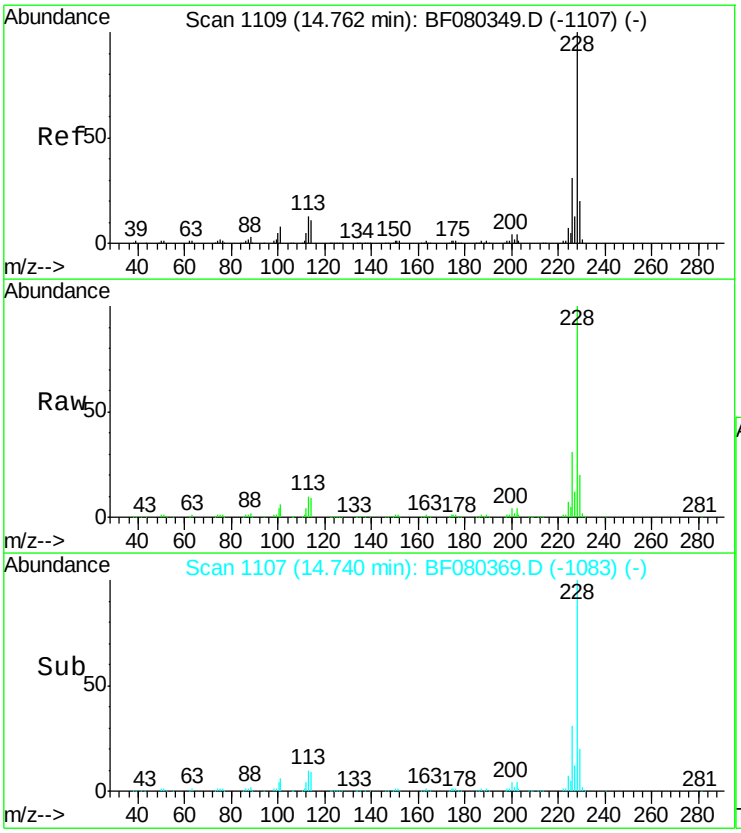
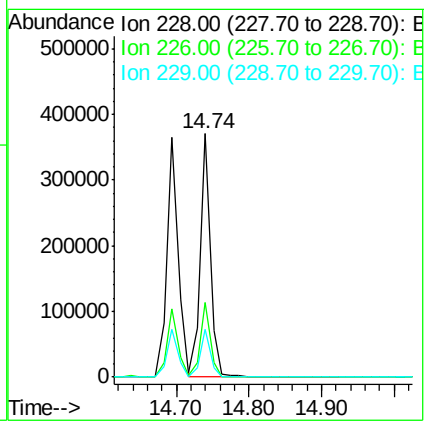
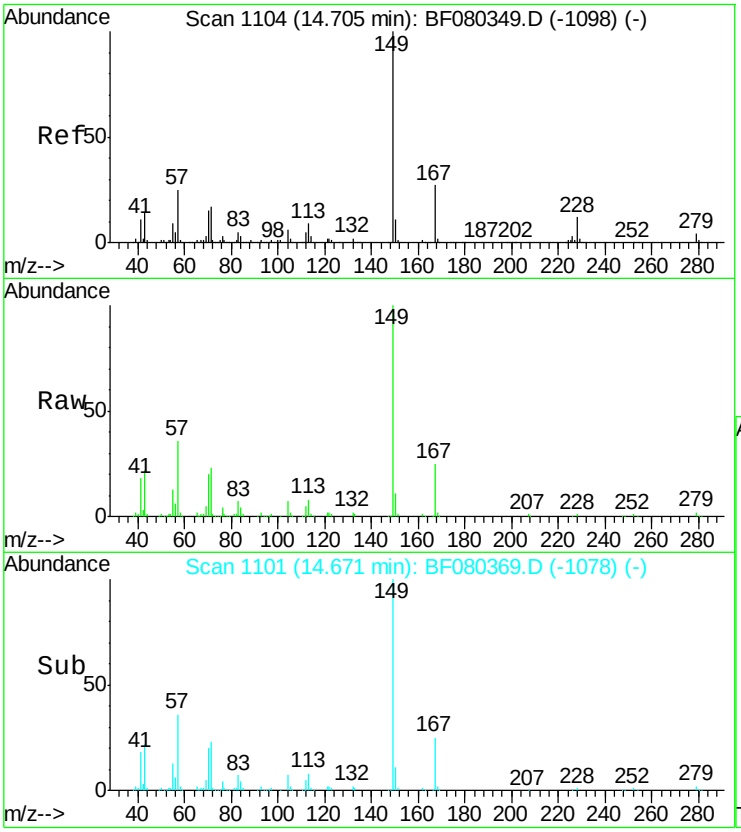


#82
Chrysene
Concen: 42.62 ng
RT: 14.74 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:228 Resp: 365751

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.4
229	19.9	16.1	24.1





#83
Bis(2-ethylhexyl)phthalate
Concen: 48.36 ng
RT: 14.67 min Scan# 1101
Delta R.T. -0.03 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:149 Resp: 270769

Ion	Ratio	Lower	Upper
149	100		
167	24.6	21.4	32.0
279	2.1	2.9	4.3#

Instrument :
BNA_F
ClientSampleId :
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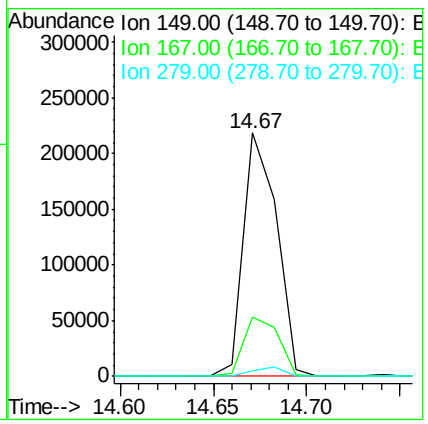
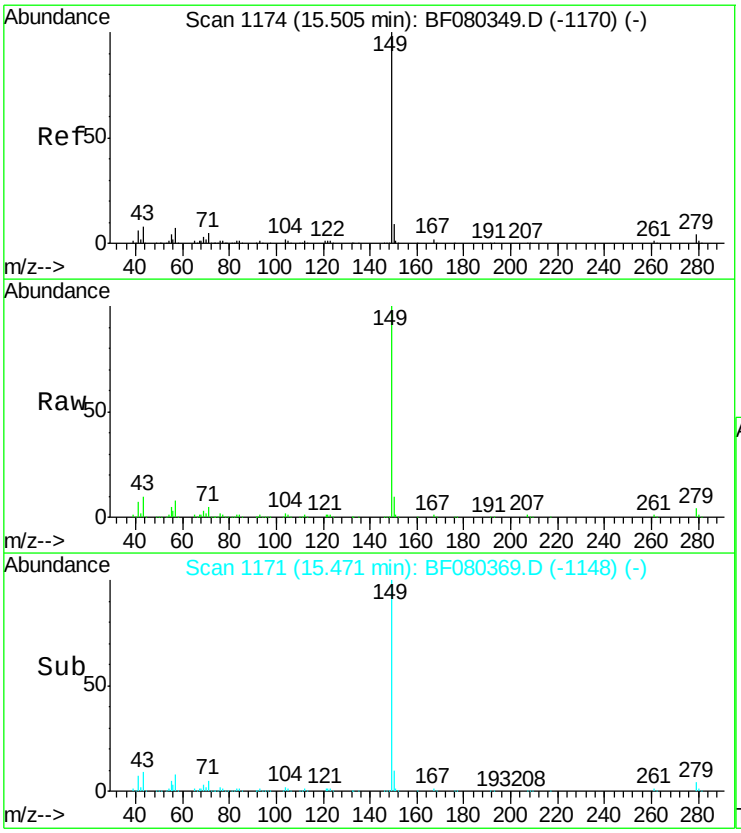
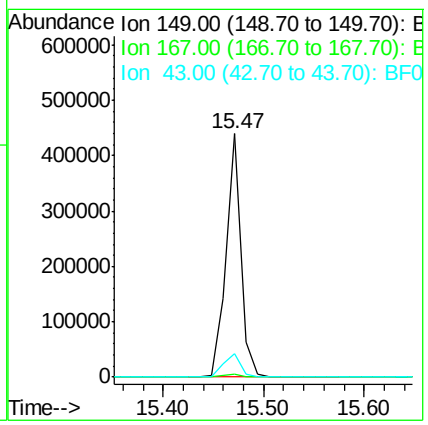


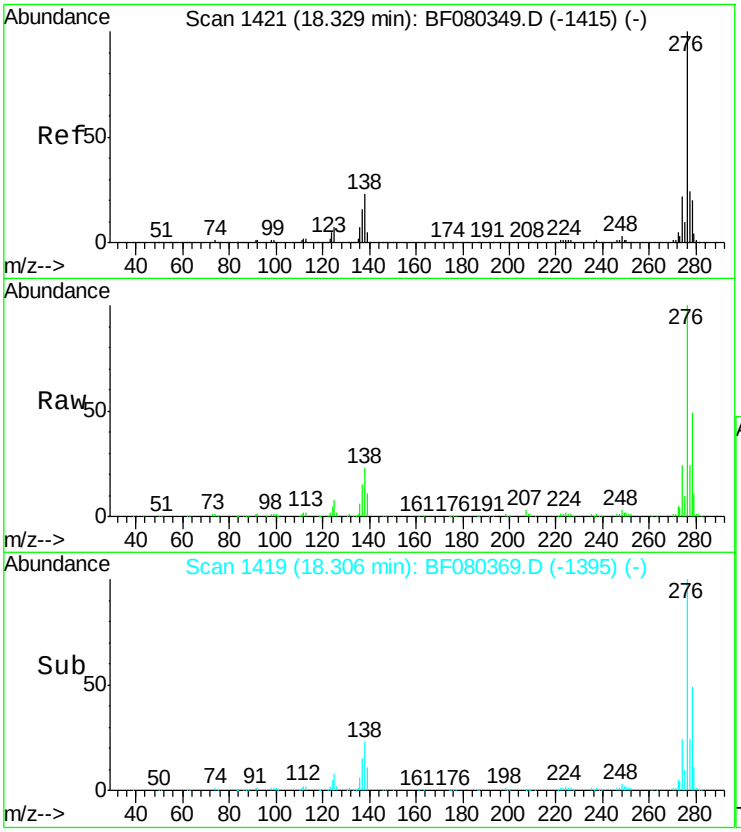


#84
Di-n-octyl phthalate
Concen: 48.63 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:149 Resp: 449765

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.9	9.1	13.7

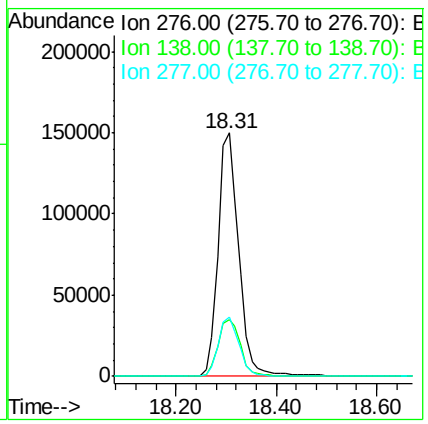




#85
Indeno(1,2,3-cd)pyrene
Concen: 42.49 ng
RT: 18.31 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:276 Resp: 428800

Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.7	29.5
277	24.7	19.4	29.0



Instrument :
BNA_F
ClientSampleId :
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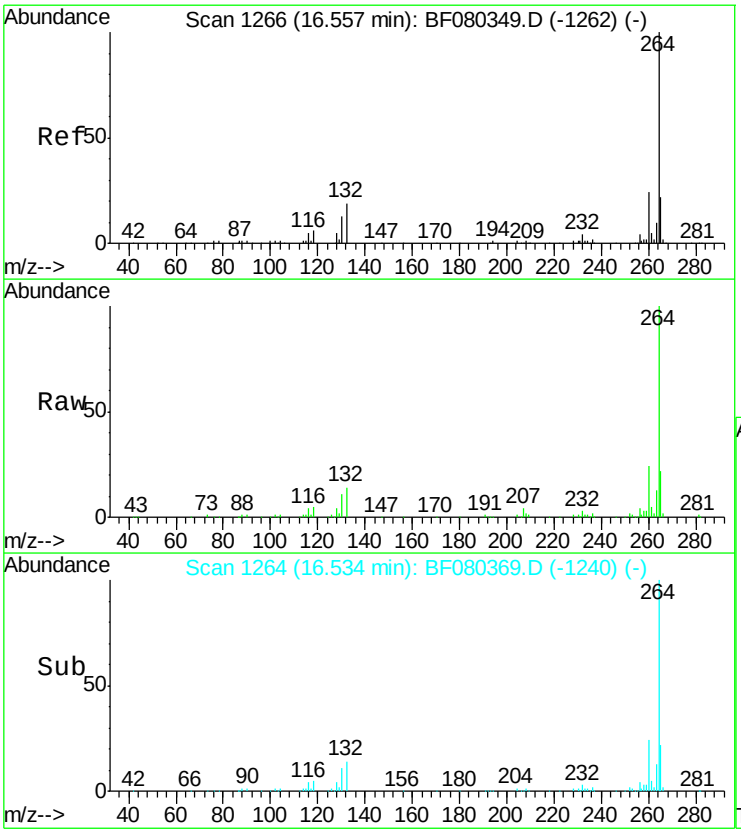
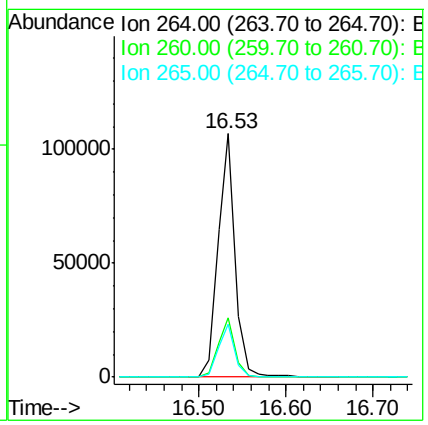
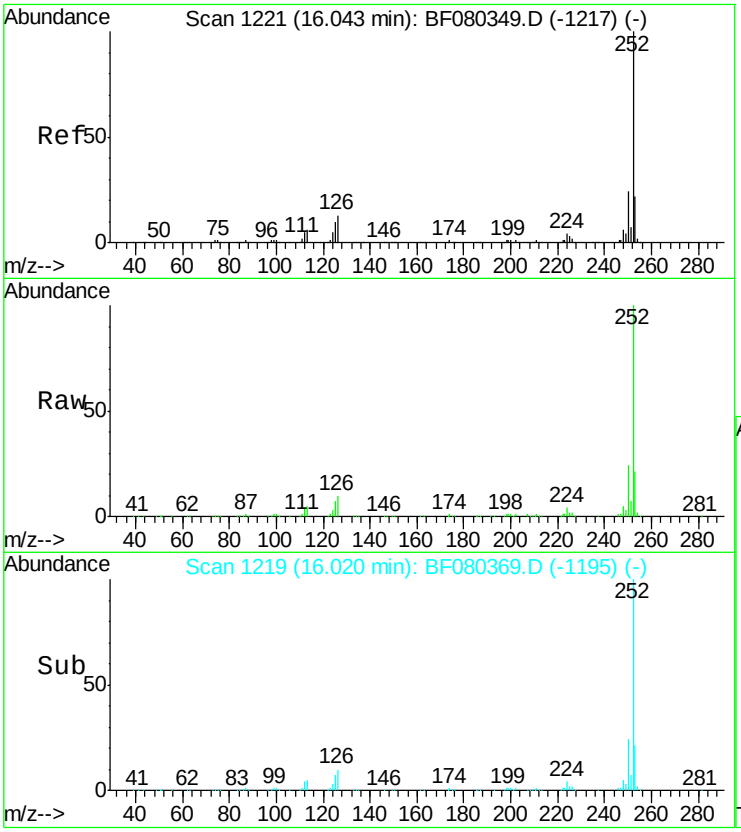


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.53 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:264 Resp: 146322

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.6	26.4





#87
Benzo(b)fluoranthene
Concen: 41.57 ng
RT: 16.02 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:252 Resp: 382292

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.8
125	7.1	7.7	11.5#

Instrument :
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ClientSampleId :
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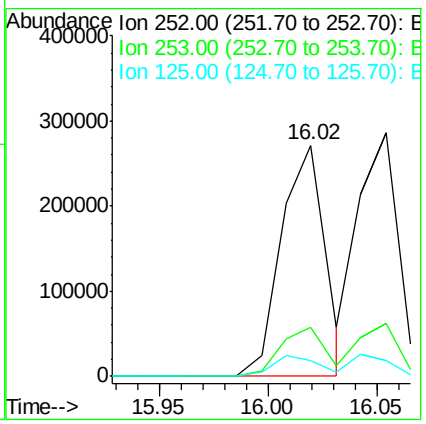
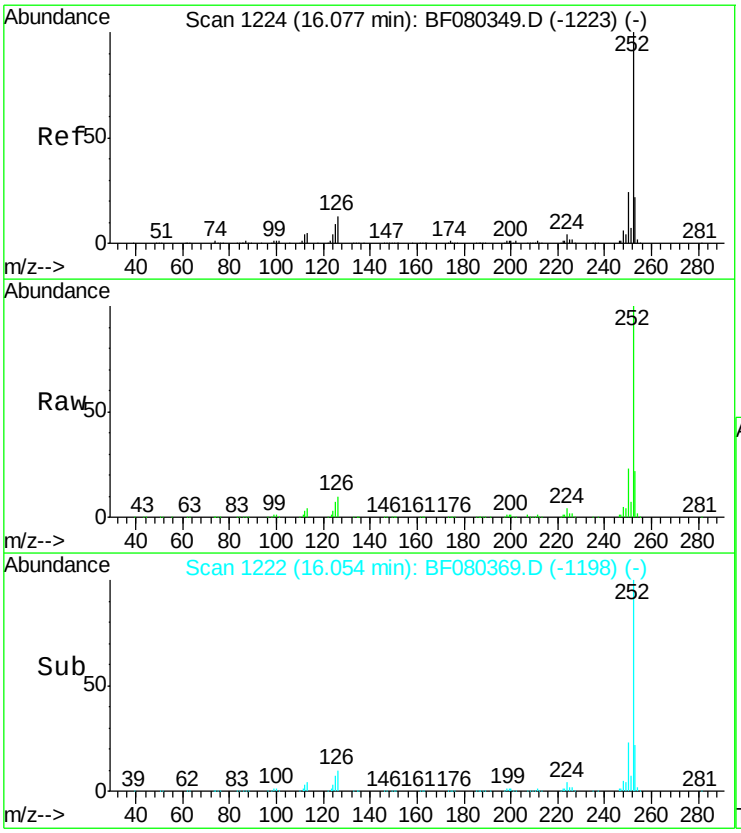
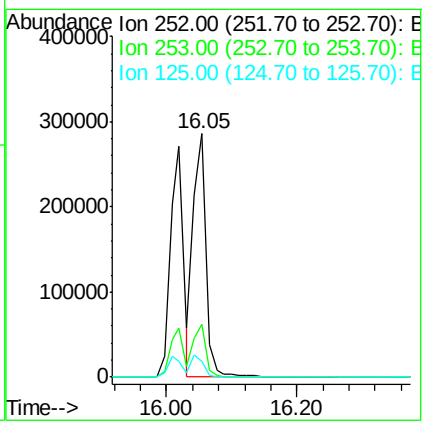


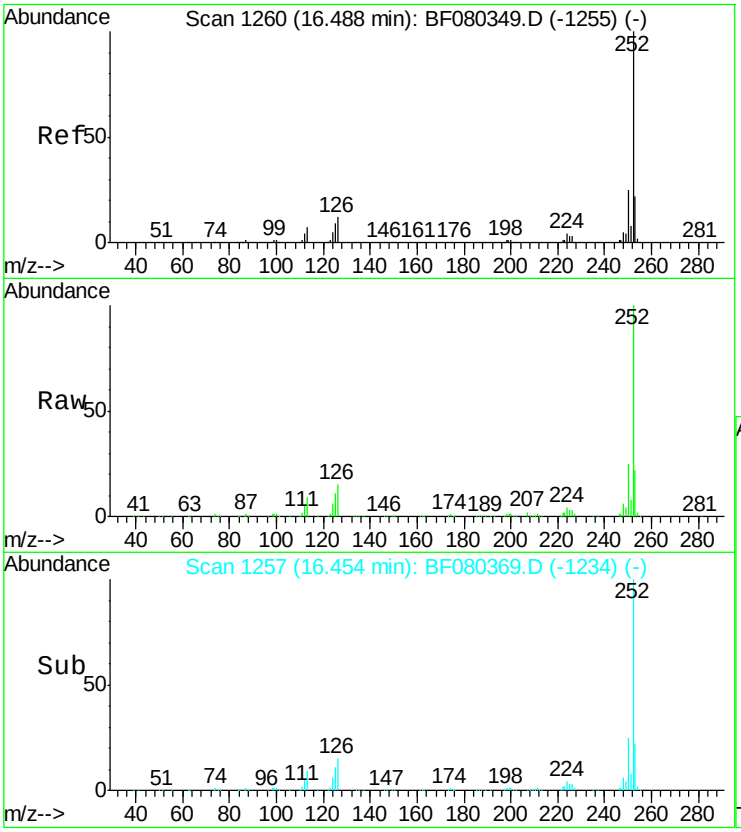


#88
Benzo(k)fluoranthene
Concen: 44.17 ng
RT: 16.05 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:252 Resp: 384477

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	6.6	8.5	12.7#





#89
Benzo(a)pyrene
Concen: 44.09 ng
RT: 16.45 min Scan# 1257
Delta R.T. -0.03 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:252 Resp: 370736

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.4	7.3	10.9#

Instrument :
BNA_F
ClientSampleId :
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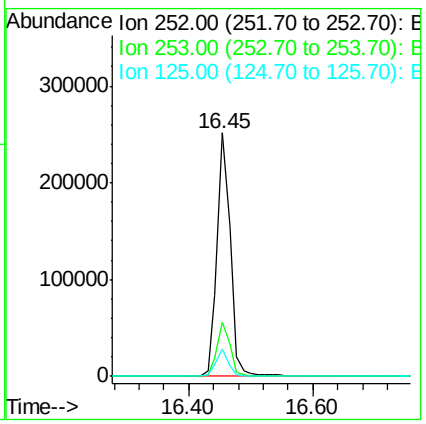
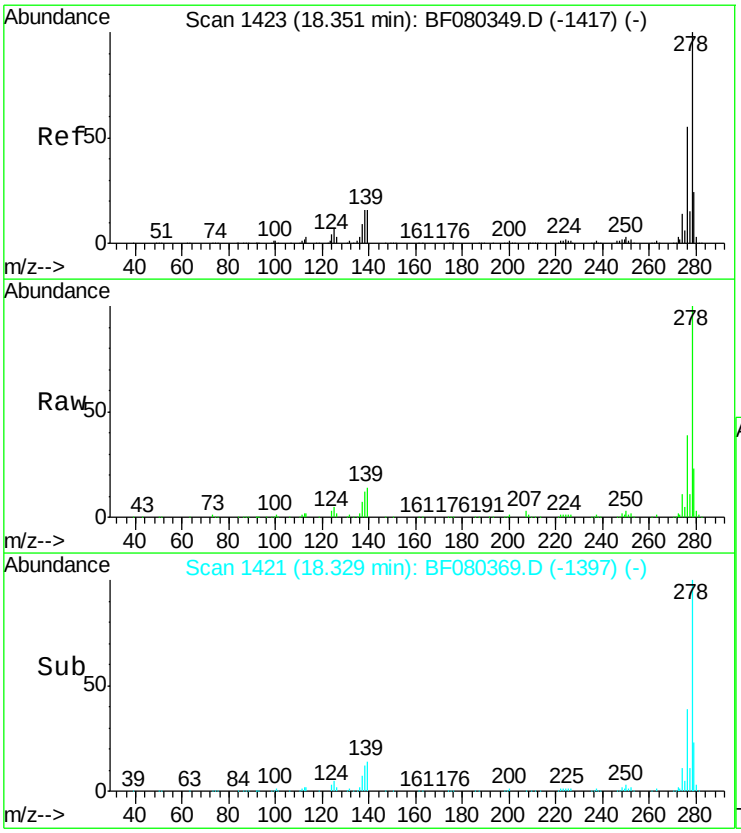
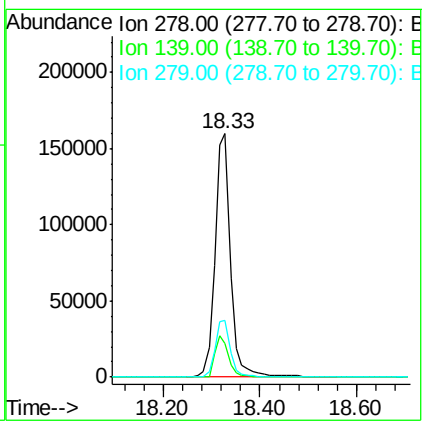


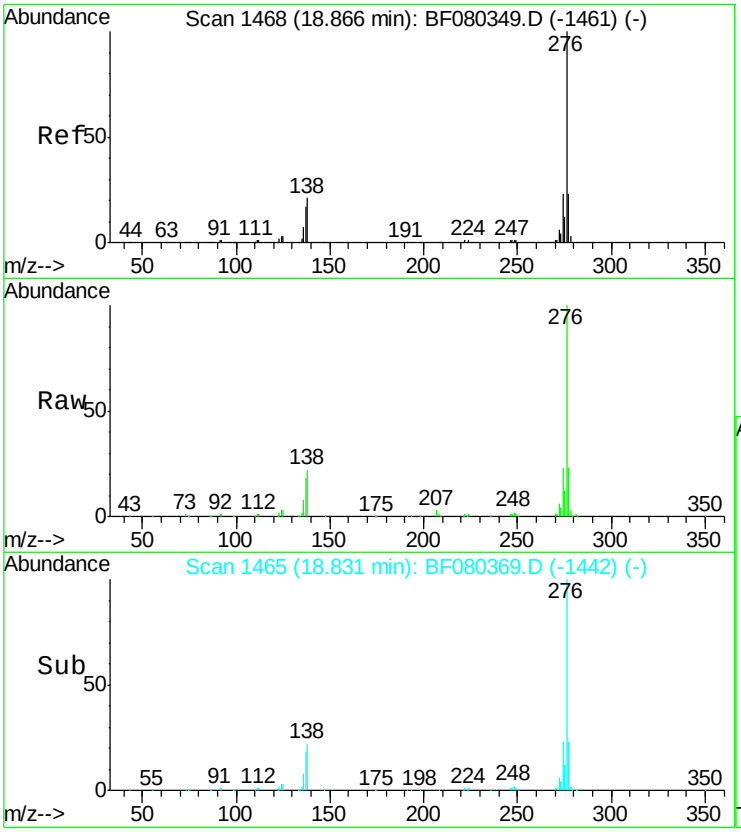


#90
Dibenzo(a,h)anthracene
Concen: 43.58 ng
RT: 18.33 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:278 Resp: 360930

Ion	Ratio	Lower	Upper
278	100		
139	14.0	13.0	19.6
279	23.1	19.1	28.7

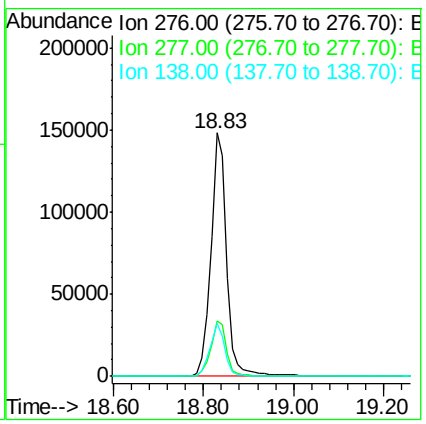




#91
Benzo(g,h,i)perylene
Concen: 42.83 ng
RT: 18.83 min Scan# 1465
Delta R.T. -0.03 min
Lab File: BF080369.D
Acq: 7 Jul 2015 5:16

Tgt Ion:276 Resp: 359732

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	28.0
138	21.6	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
IDOC-04-W-UM

Manual Integrations APPROVED
apatel
7/7/2015 4:27:02 PM