Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
Data File : BF081870.D
Acq On : 29 Sep 2015 7:04
Operator : UM/IZ
Sample : G3717-09MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

Manual Integrations APPROVED

Quant Time: Sep 29 08:36:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

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9/29/2015 12:11:15 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	106495	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	420386	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	200762	20.00	ng		0.00
63) Phenanthrene-d10	11.47	188	379467	20.00	ng		0.01
75) Chrysene-d12	14.12	240	343913	20.00	ng		0.00
86) Perylene-d12	15.58	264	274279	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	413196	70.43	ng		0.00
7) Phenol-d6	6.56	99	353027	47.82	ng		0.00
23) Nitrobenzene-d5	7.51	82	727631	115.38	ng		0.01
41) 2,4,6-Tribromophenol	10.78	330	326322	160.49	ng		0.01
44) 2-Fluorobiphenyl	9.30	172	1289840	115.38	ng		0.00
78) Terphenyl-d14	13.05	244	1168514	126.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	46506	18.23	ng		88
3) Pyridine	3.36	79	78546	11.83	ng		90
4) n-Nitrosodimethylamine	3.29	42	51133	16.95	ng		97
6) Aniline	6.61	93	156904	15.82	ng	#	90
8) 2-Chlorophenol	6.72	128	262293	40.49	ng		96
9) Benzaldehyde	6.48	77	99147	20.51	ng	#	82
10) Phenol	6.57	94	126924	15.33	ng		75
11) bis(2-Chloroethyl)ether	6.66	93	329678	51.34	ng		97
12) 1,3-Dichlorobenzene	6.87	146	329660m	43.08	ng		
13) 1,4-Dichlorobenzene	6.95	146	360059m	45.06	ng		
14) 1,2-Dichlorobenzene	7.11	146	311424	43.74	ng		98
15) Benzyl Alcohol	7.07	79	166388	31.22	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.21	45	457381	50.38	ng		78
17) 2-Methylphenol	7.19	107	180196	34.31	ng	#	84
18) Hexachloroethane	7.44	117	108404	43.34	ng		87
19) n-Nitroso-di-n-propylamine	7.35	70	217950	48.58	ng	#	77
20) 3+4-Methylphenols	7.34	107	199473	30.07	ng	#	31
22) Acetophenone	7.35	105	452574	52.65	ng	#	85
24) Nitrobenzene	7.52	77	331569	48.42	ng	#	69
25) Isophorone	7.76	82	606635	48.53	ng	#	93
26) 2-Nitrophenol	7.84	139	172815	52.57	ng	#	77
27) 2,4-Dimethylphenol	7.87	122	253337	43.81	ng	#	82
28) bis(2-Chloroethoxy)methane	7.98	93	373582	50.33	ng	#	94
29) 2,4-Dichlorophenol	8.08	162	276999	49.40	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	300372	47.98	ng		98
31) Naphthalene	8.24	128	831034m	44.61	ng		
32) Benzoic acid	7.98	122	60699	22.21	ng	#	80
33) 4-Chloroaniline	8.31	127	172017	21.36	ng	#	94
34) Hexachlorobutadiene	8.35	225	162806	43.98	ng		98
36) 4-Chloro-3-methylphenol	8.77	107	258971	47.23	ng	#	80
37) 2-Methylnaphthalene	8.94	142	642341	50.52	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	291710	47.33	ng		99
40) Hexachlorocyclopentadiene	9.09	237	261874	82.51	ng		96
42) 2,4,6-Trichlorophenol	9.21	196	195867	46.35	ng		100

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
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Acq On : 29 Sep 2015 7:04
Operator : UM/IZ
Sample : G3717-09MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

Manual Integrations APPROVED

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9/29/2015 12:11:15 PM

Quant Time: Sep 29 08:36:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.26	196	221895	51.07	ng		96
45) 1,1'-Biphenyl	9.41	154	777021	50.17	ng		94
46) 2-Chloronaphthalene	9.43	162	602830	49.57	ng		94
47) 2-Nitroaniline	9.53	65	188593	52.82	ng		86
48) Acenaphthylene	9.84	152	859491	44.16	ng		96
49) Dimethylphthalate	9.70	163	658849	47.54	ng	#	97
50) 2,6-Dinitrotoluene	9.77	165	160705	53.41	ng	#	92
51) Acenaphthene	10.01	154	609142	52.70	ng		89
52) 3-Nitroaniline	9.94	138	86332	24.80	ng	#	77
53) 2,4-Dinitrophenol	10.05	184	146558	91.11	ng	#	70
54) Dibenzofuran	10.18	168	799565	48.95	ng	#	84
55) 4-Nitrophenol	10.10	139	93309	37.10	ng	#	51
56) 2,4-Dinitrotoluene	10.17	165	209516	54.63	ng	#	85
57) Fluorene	10.53	166	598565	51.54	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.31	232	181641m	52.70	ng		
59) Diethylphthalate	10.40	149	642209	49.61	ng		98
60) 4-Chlorophenyl-phenylether	10.53	204	298717	49.95	ng		96
61) 4-Nitroaniline	10.56	138	143402	41.09	ng	#	46
62) Azobenzene	10.69	77	671210	53.13	ng		95
64) 4,6-Dinitro-2-methylphenol	10.58	198	101753	56.68	ng	#	63
65) n-Nitrosodiphenylamine	10.64	169	538157	46.87	ng		91
66) 4-Bromophenyl-phenylether	11.02	248	197662	51.66	ng	#	89
67) Hexachlorobenzene	11.07	284	222178	51.45	ng	#	86
68) Atrazine	11.19	200	169015	47.45	ng		84
69) Pentachlorophenol	11.27	266	255002	103.64	ng		98
70) Phenanthrene	11.50	178	990743	54.61	ng		96
71) Anthracene	11.54	178	955244	49.53	ng		97
72) Carbazole	11.70	167	874063	50.07	ng		94
73) Di-n-butylphthalate	12.03	149	984579	55.70	ng		99
74) Fluoranthene	12.69	202	1087826	53.51	ng		88
77) Pyrene	12.91	202	1074161m	52.28	ng		
79) Butylbenzylphthalate	13.53	149	453728	58.69	ng		94
80) Benzo(a)anthracene	14.10	228	951743	51.39	ng		94
81) 3,3'-Dichlorobenzidine	14.07	252	29543	4.72	ng		96
82) Chrysene	14.14	228	775096m	52.42	ng		
83) Bis(2-ethylhexyl)phthalate	14.08	149	579620	59.77	ng	#	89
84) Di-n-octyl phthalate	14.70	149	944370	59.84	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.05	276	816816	56.38	ng	#	86
87) Benzo(b)fluoranthene	15.16	252	768659	49.09	ng	#	86
88) Benzo(k)fluoranthene	15.19	252	769634m	53.62	ng		
89) Benzo(a)pyrene	15.52	252	706767	52.03	ng	#	86
90) Dibenzo(a,h)anthracene	17.08	278	660064	57.92	ng	#	81
91) Benzo(g,h,i)perylene	17.50	276	707295	60.56	ng	#	76

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

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Sample : G3717-09MS
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Quant Time: Sep 29 08:36:21 2015
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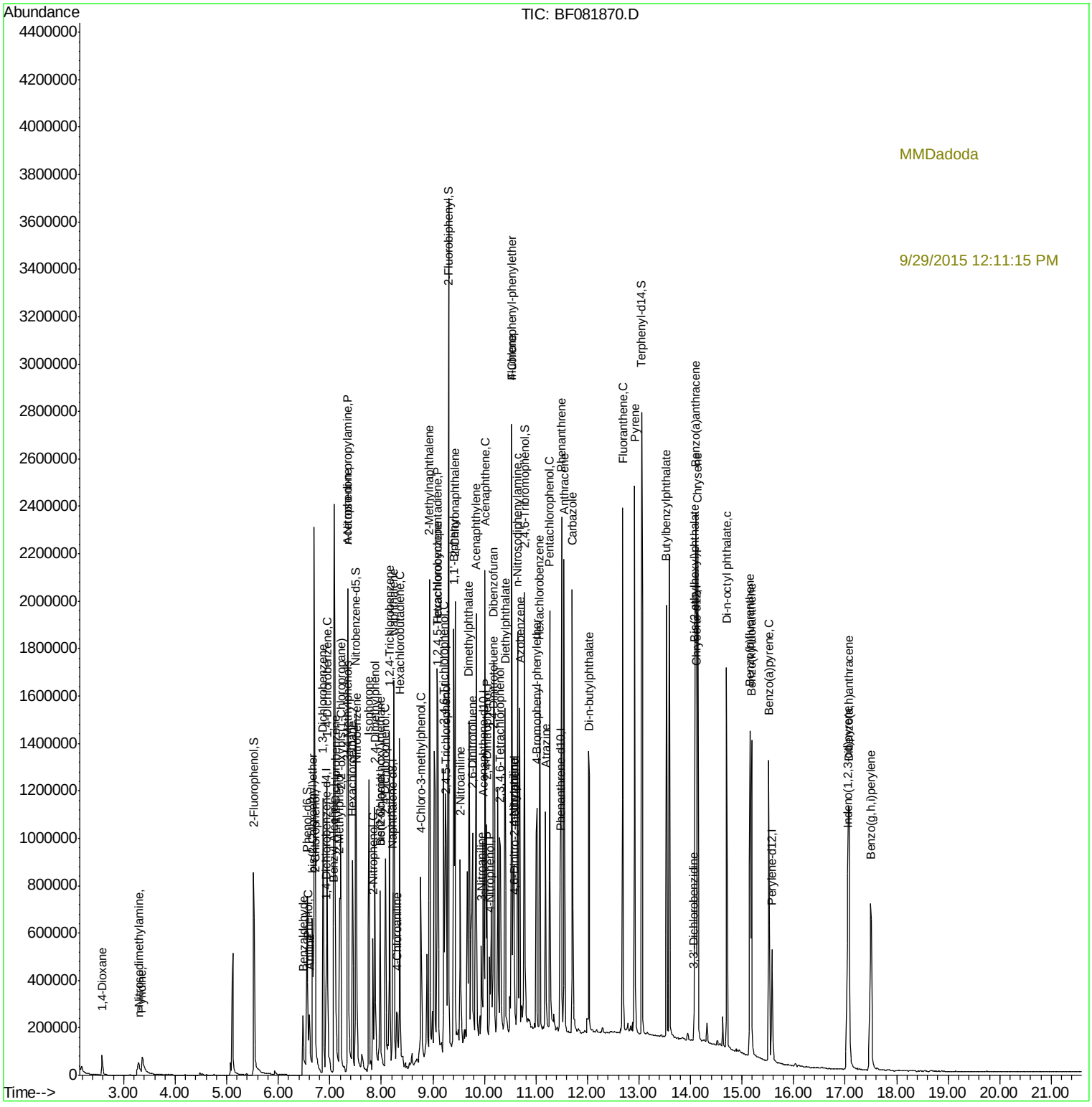
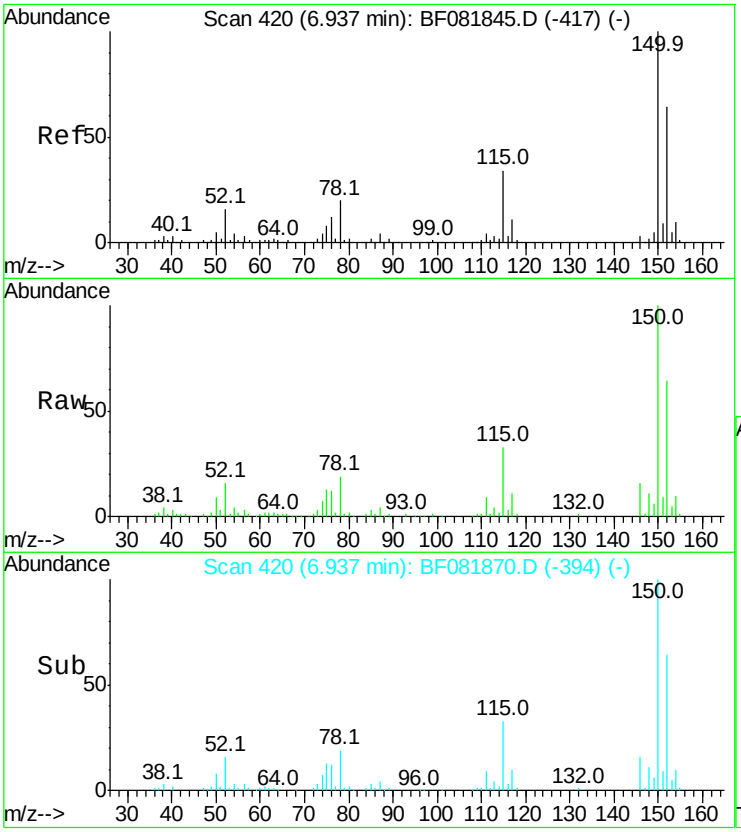
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

Manual Integrations APPROVED

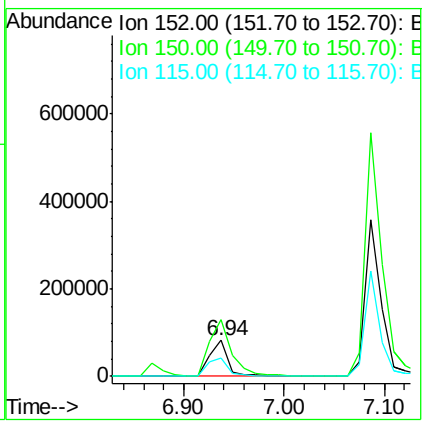




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:152 Resp: 106495

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.7	187.1
115	52.4	39.0	58.4



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

Manual Integrations APPROVED

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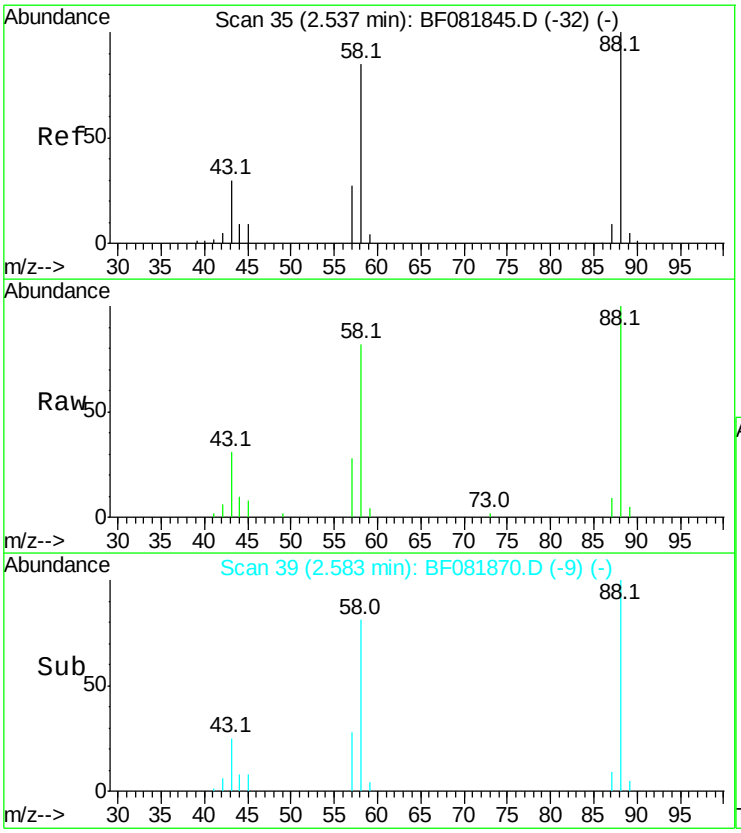
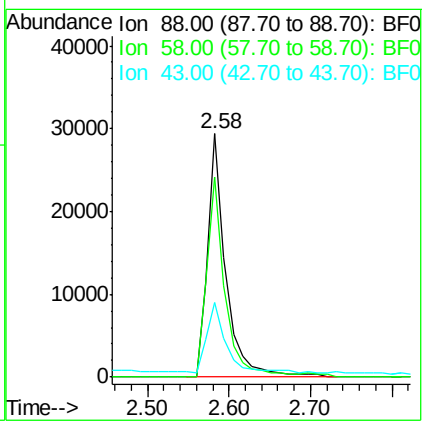
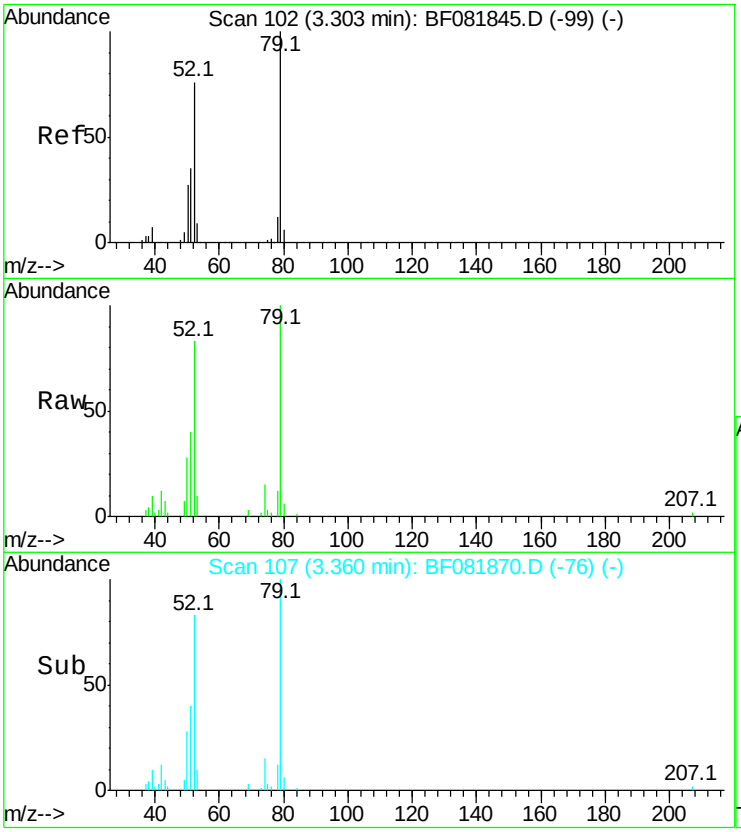


#2
1,4-Dioxane
Concen: 18.23 ng
RT: 2.58 min Scan# 39
Delta R.T. 0.05 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion: 88 Resp: 46506

Ion	Ratio	Lower	Upper
88	100		
58	82.1	77.7	116.5
43	31.3	26.6	40.0

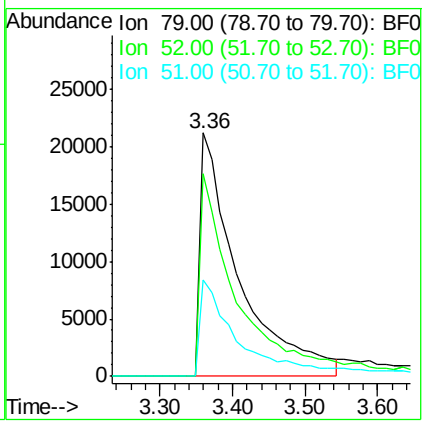




#3
Pyridine
Concen: 11.83 ng
RT: 3.36 min Scan# 107
Delta R.T. 0.06 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion: 79 Resp: 78546

Ion	Ratio	Lower	Upper
79	100		
52	83.1	76.8	115.2
51	39.5	32.2	48.4



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

Manual Integrations APPROVED

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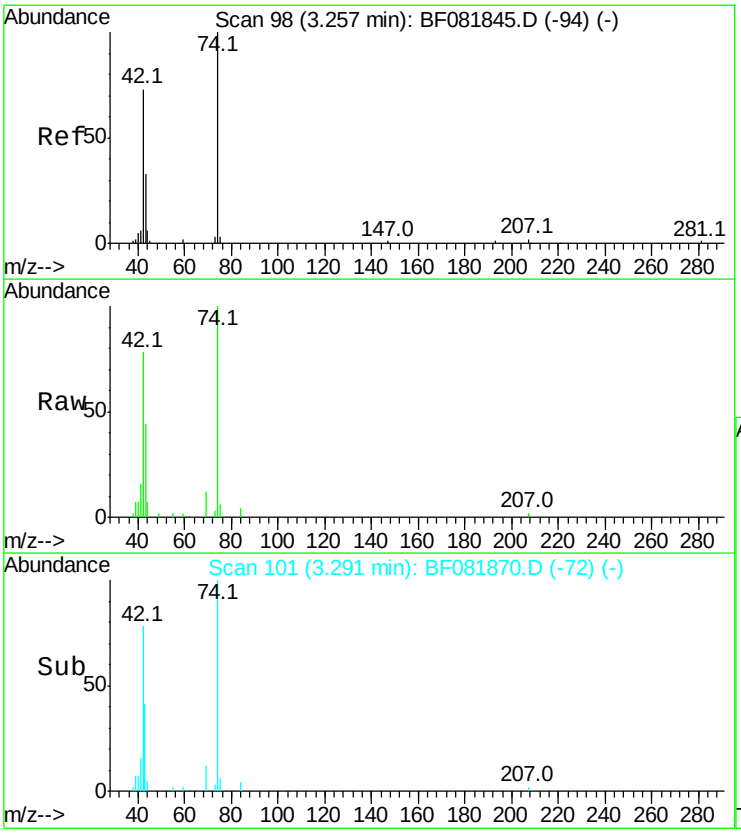
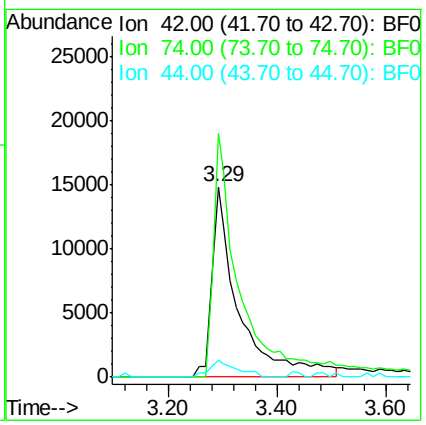
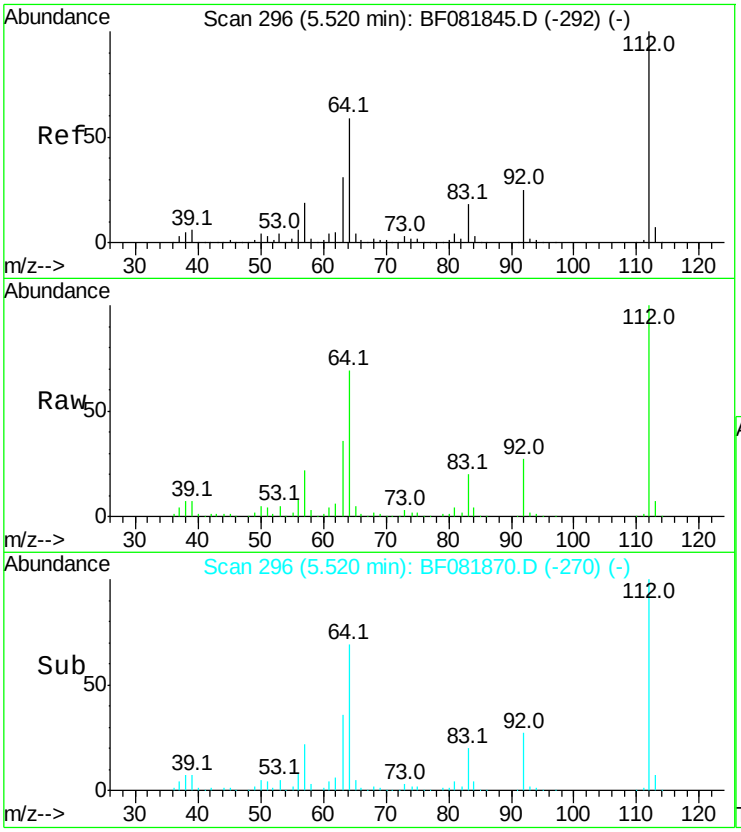


#4
n-Nitrosodimethylamine
Concen: 16.95 ng
RT: 3.29 min Scan# 101
Delta R.T. 0.03 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion: 42 Resp: 51133

Ion	Ratio	Lower	Upper
42	100		
74	127.9	105.0	157.6
44	9.0	6.6	10.0

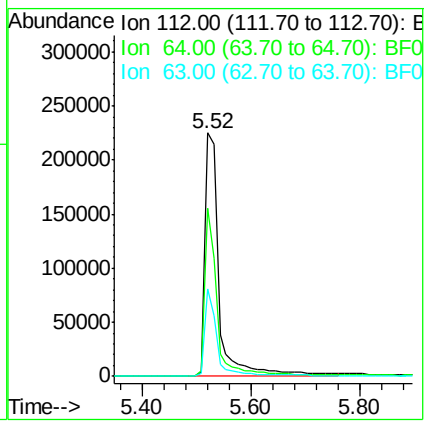




#5
2-Fluorophenol
Concen: 70.43 ng
RT: 5.52 min Scan# 296
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:112 Resp: 413196

Ion	Ratio	Lower	Upper
112	100		
64	69.0	39.7	59.5#
63	36.1	17.4	26.0#



Instrument :
BNA_F
ClientSampleId :
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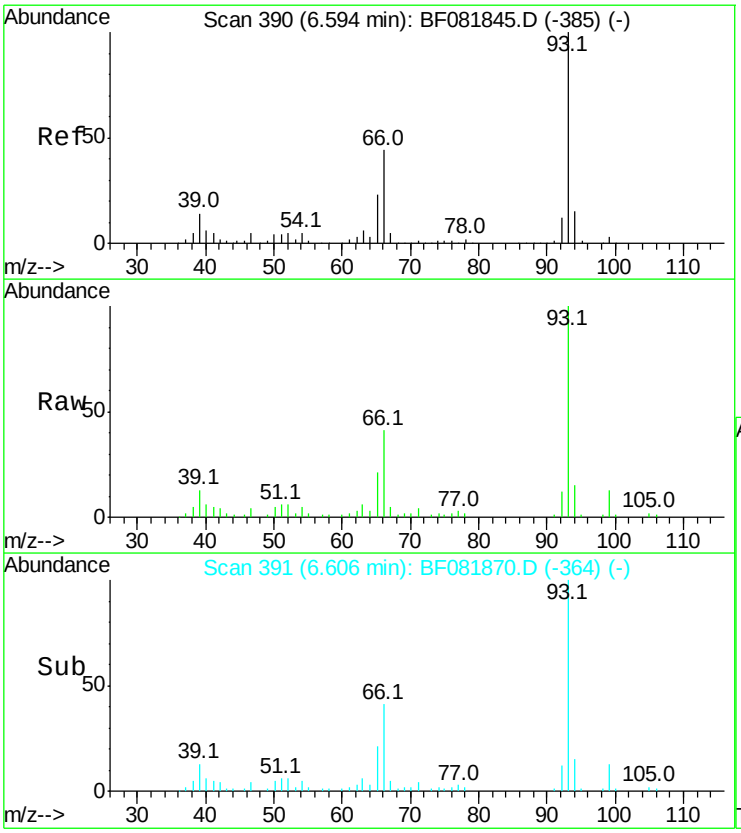
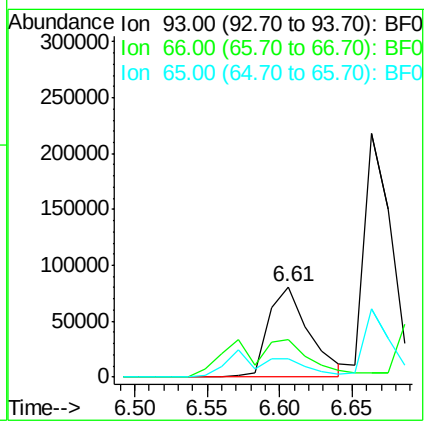
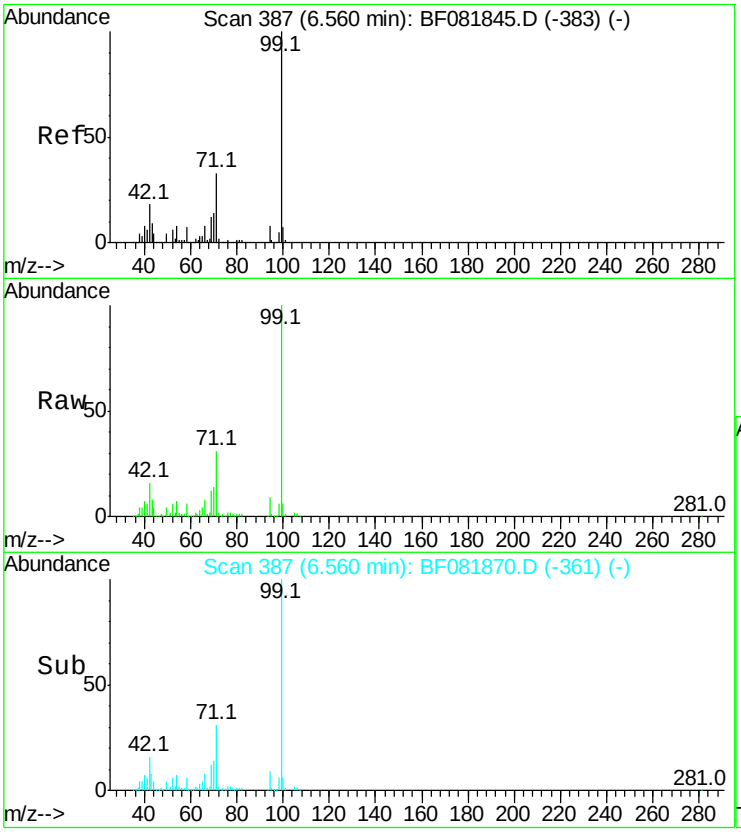


#6
Aniline
Concen: 15.82 ng
RT: 6.61 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion: 93 Resp: 156904

Ion	Ratio	Lower	Upper
93	100		
66	41.4	27.2	40.8#
65	20.7	14.7	22.1

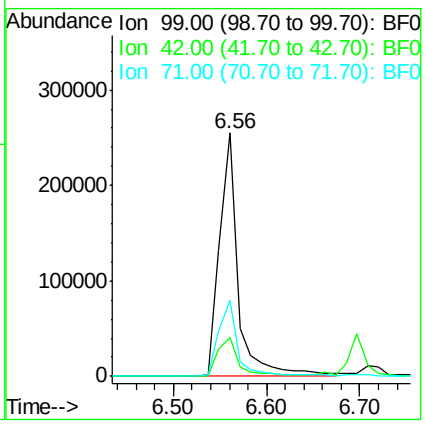




#7
Phenol-d6
Concen: 47.82 ng
RT: 6.56 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion: 99 Resp: 353027

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.7	20.5
71	31.3	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
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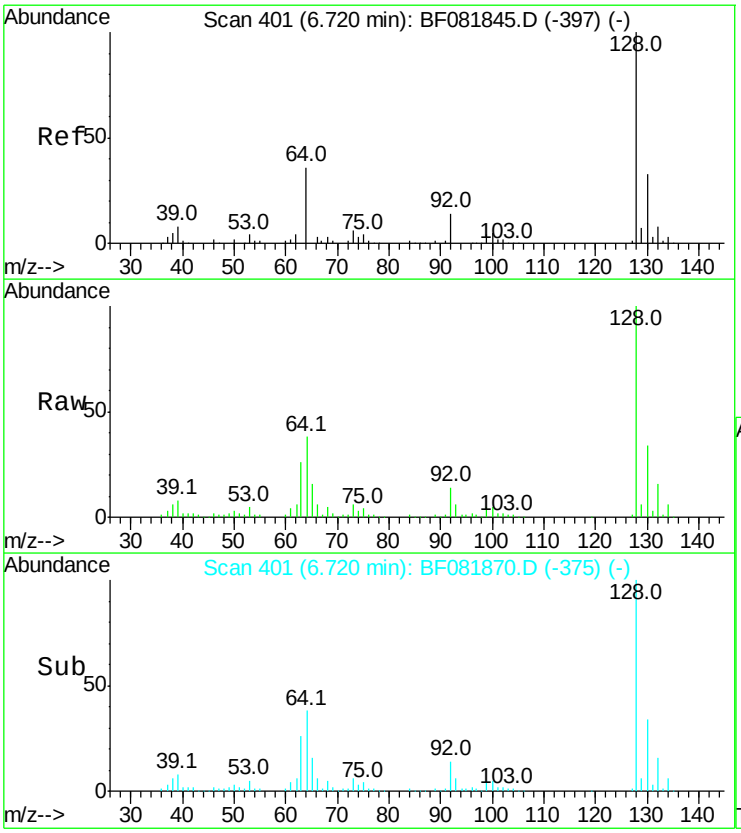
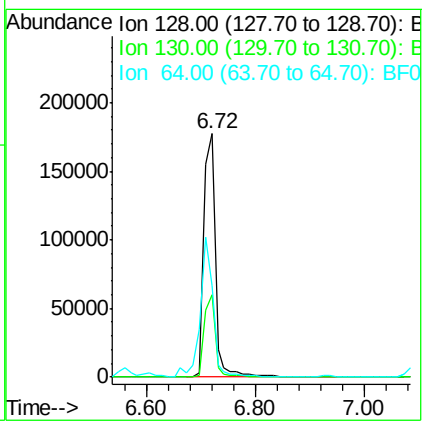
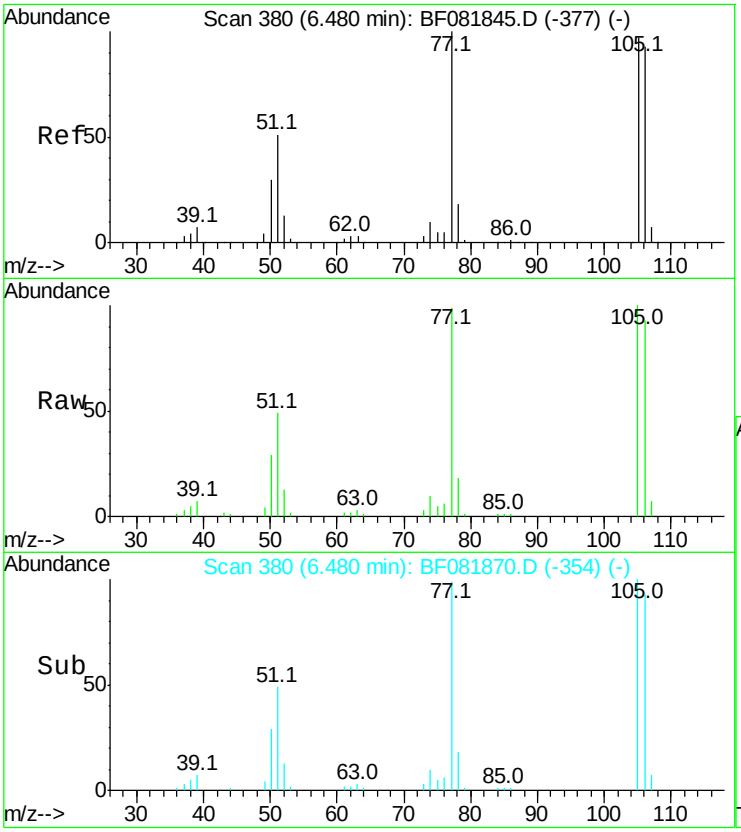


#8
2-Chlorophenol
Concen: 40.49 ng
RT: 6.72 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:128 Resp: 262293

Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.2	52.2
64	37.7	20.5	60.5

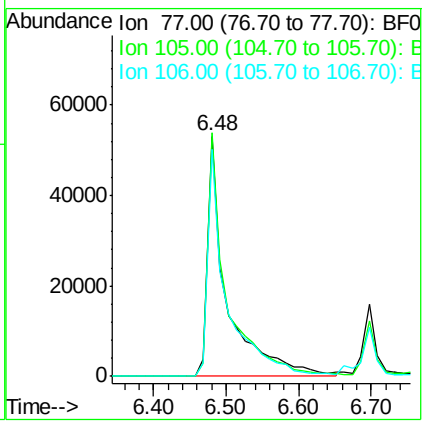




#9
Benzaldehyde
Concen: 20.51 ng
RT: 6.48 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion: 77 Resp: 99147

Ion	Ratio	Lower	Upper
77	100		
105	101.4	91.6	131.6
106	94.7	102.6	142.6#



Instrument :
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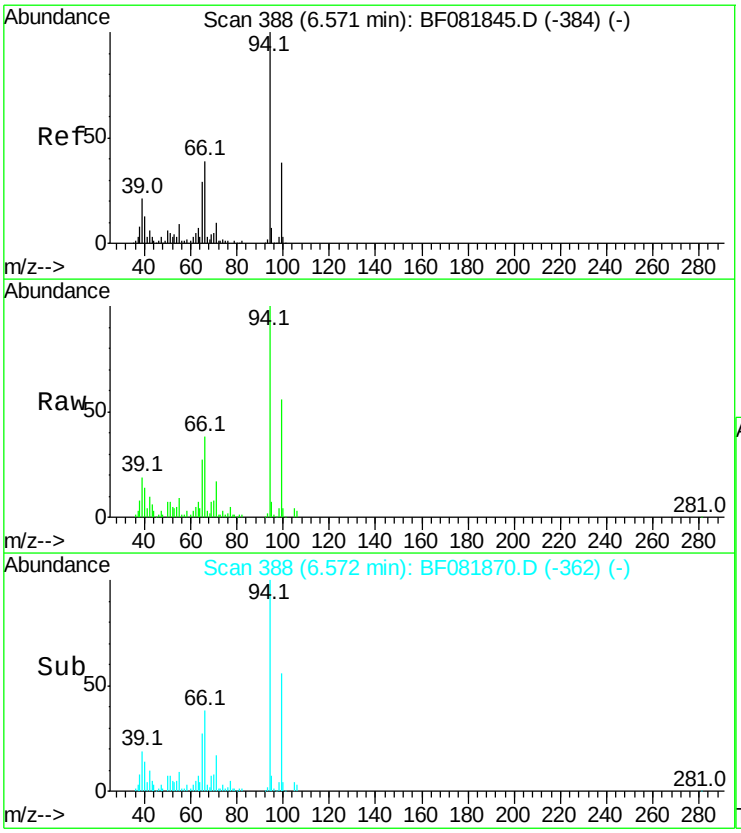
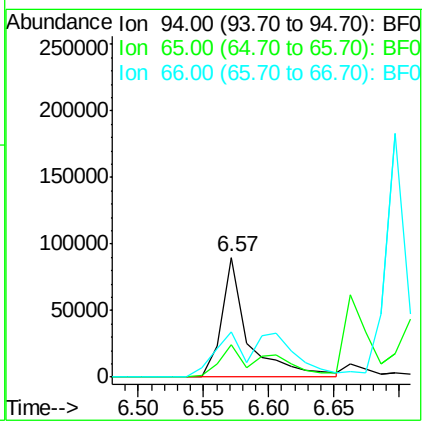
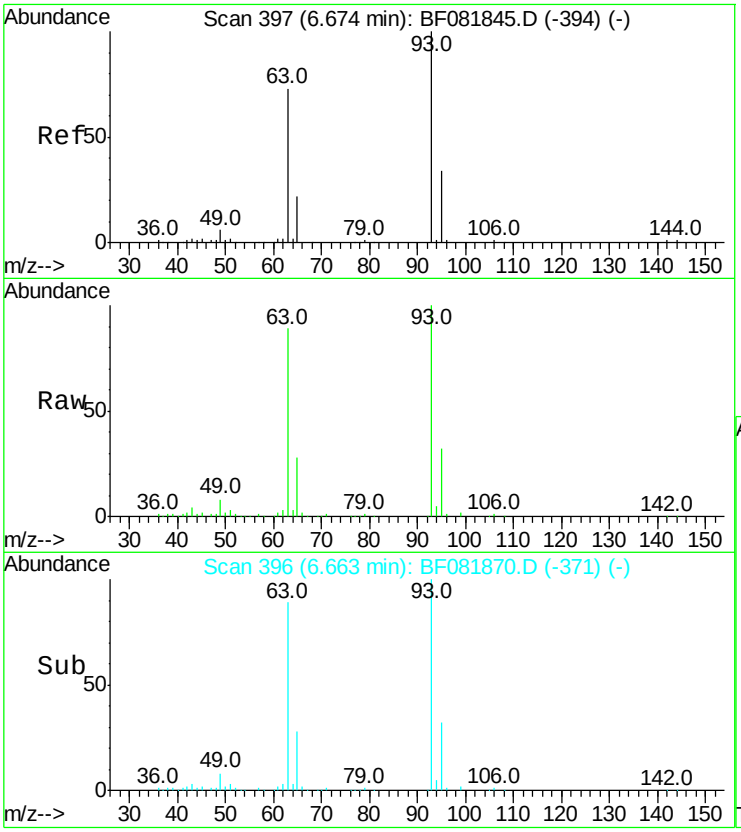


#10
Phenol
Concen: 15.33 ng
RT: 6.57 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion: 94 Resp: 126924

Ion	Ratio	Lower	Upper
94	100		
65	26.7	0.7	40.7
66	37.7	0.8	40.8

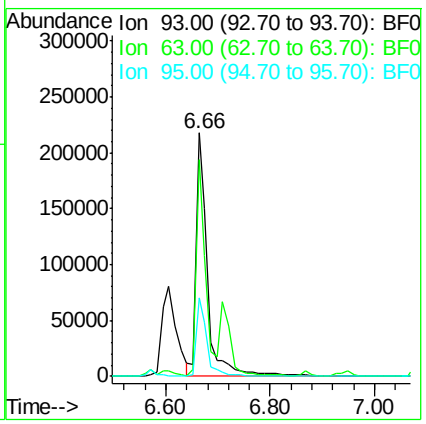




#11
bis(2-Chloroethyl)ether
Concen: 51.34 ng
RT: 6.66 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion: 93 Resp: 329678

Ion	Ratio	Lower	Upper
93	100		
63	89.1	65.6	105.6
95	32.2	13.6	53.6



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED

MMDadoda

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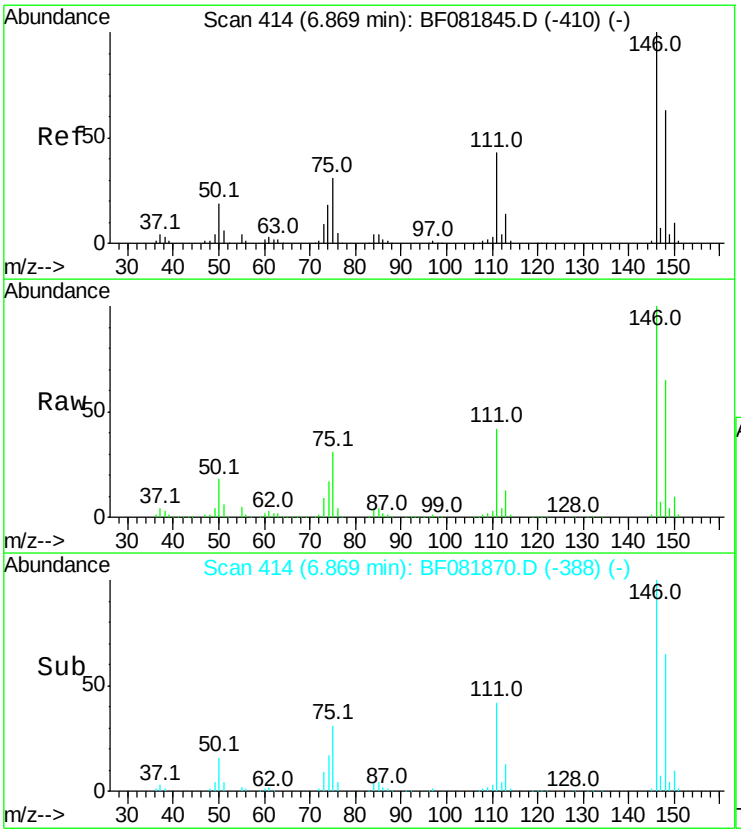
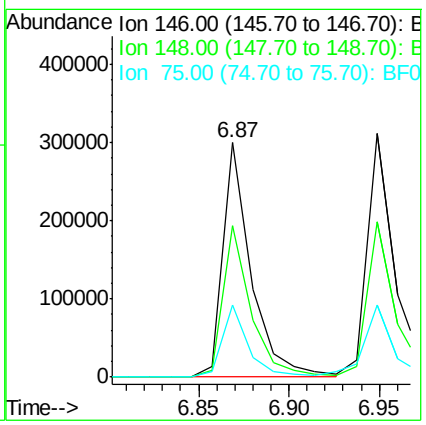
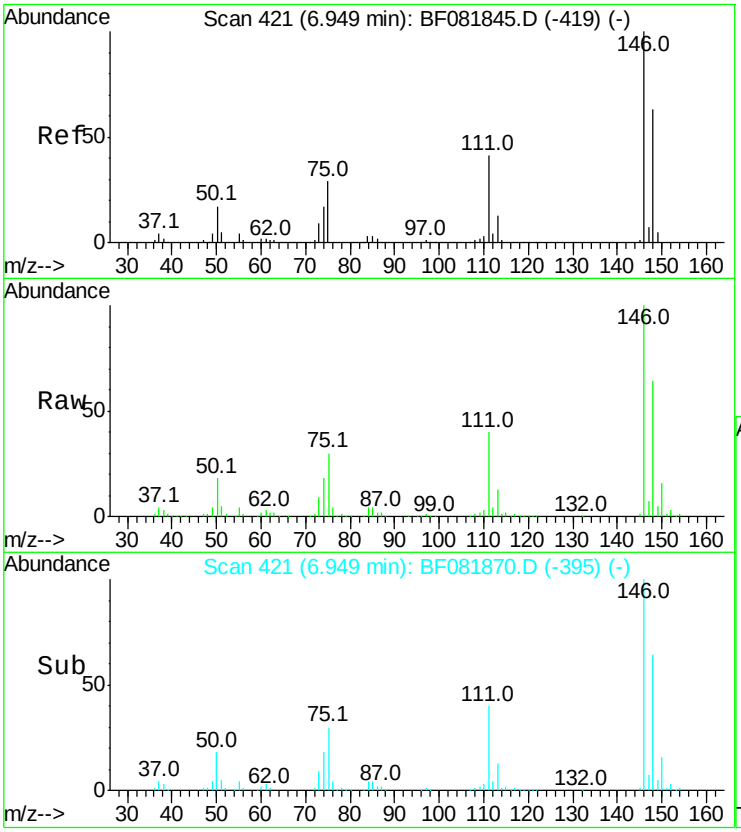


#12
1,3-Dichlorobenzene
Concen: 43.08 ng m
RT: 6.87 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:146 Resp: 329660

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.4
75	30.9	15.0	22.6#

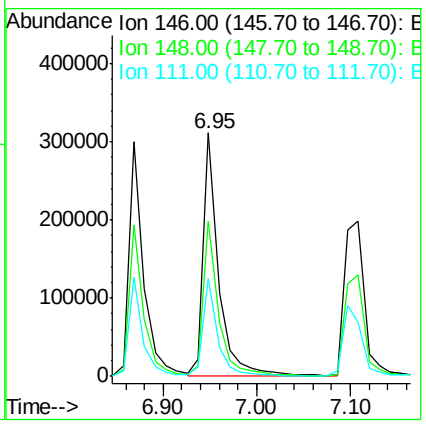




#13
1,4-Dichlorobenzene
Concen: 45.06 ng m
RT: 6.95 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:146 Resp: 360059

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.6
111	40.4	24.9	37.3#



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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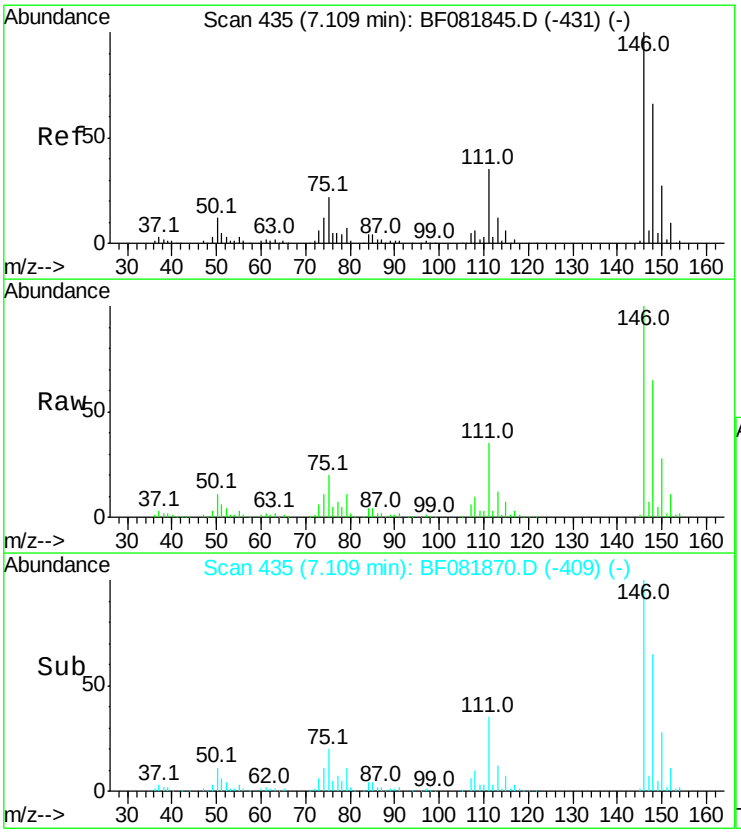
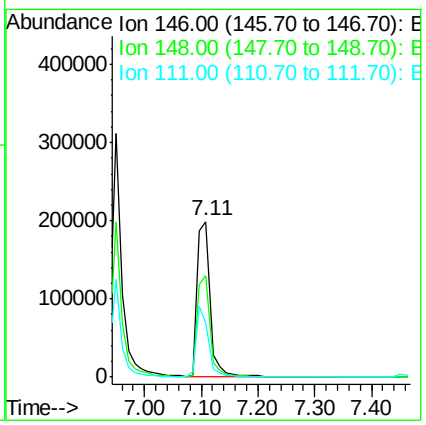
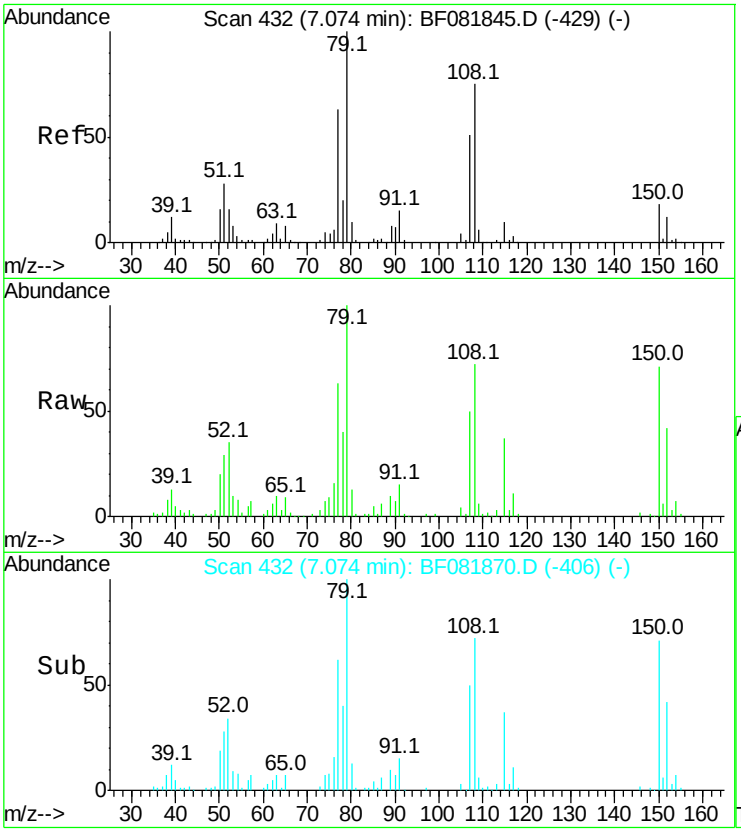


#14
1,2-Dichlorobenzene
Concen: 43.74 ng
RT: 7.11 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:146 Resp: 311424

Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.7	79.1
111	34.5	28.8	43.2

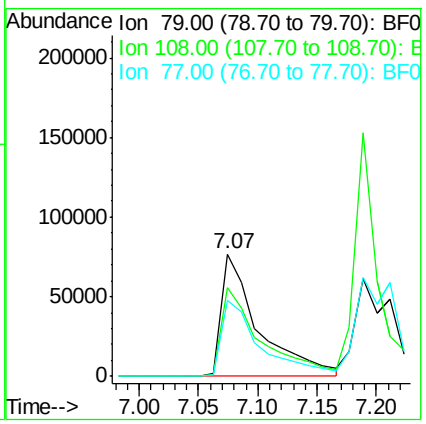




#15
Benzyl Alcohol
Concen: 31.22 ng
RT: 7.07 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion: 79 Resp: 166388

Ion	Ratio	Lower	Upper
79	100		
108	72.2	88.6	132.8#
77	62.7	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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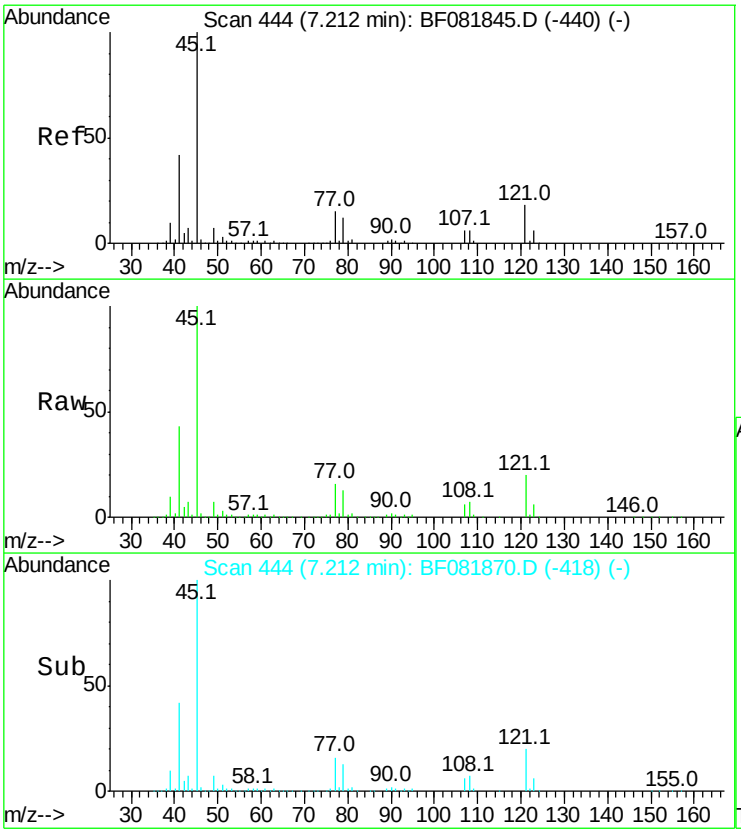
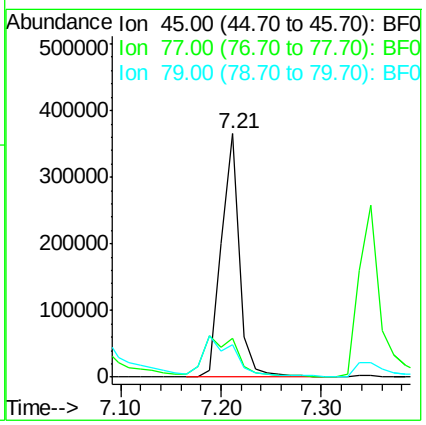
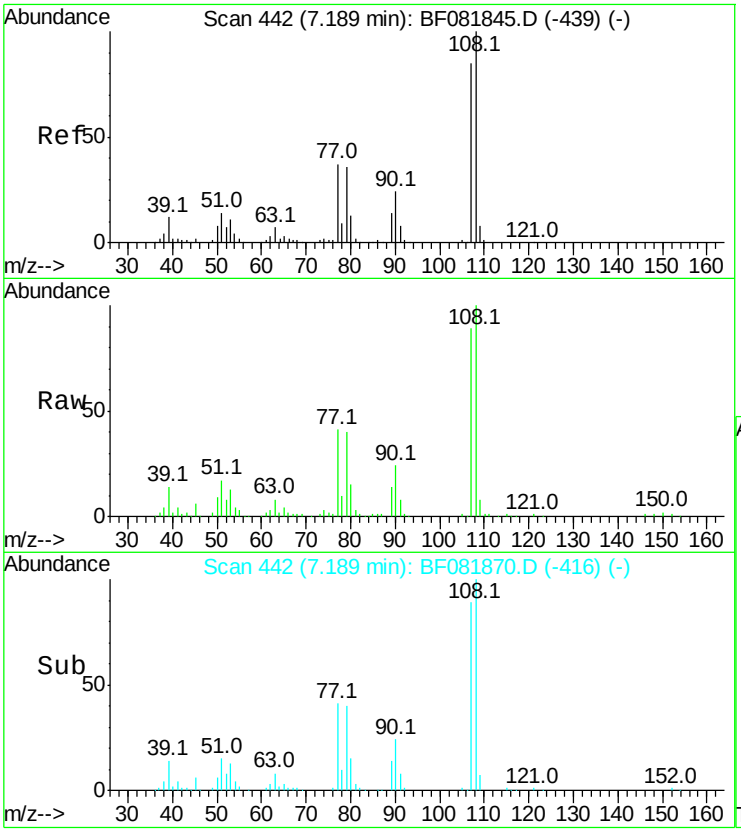


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.38 ng
RT: 7.21 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion: 45 Resp: 457381

Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	28.1
79	13.3	0.0	26.0

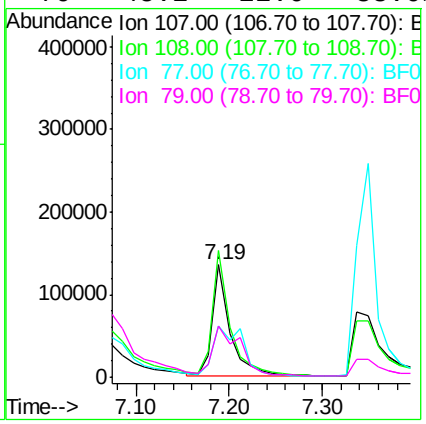




#17
2-Methylphenol
Concen: 34.31 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:107 Resp: 180196

Ion	Ratio	Lower	Upper
107	100		
108	112.1	96.6	145.0
77	45.4	23.3	34.9#
79	45.2	22.0	33.0#



Instrument :
BNA_F
ClientSampleId :
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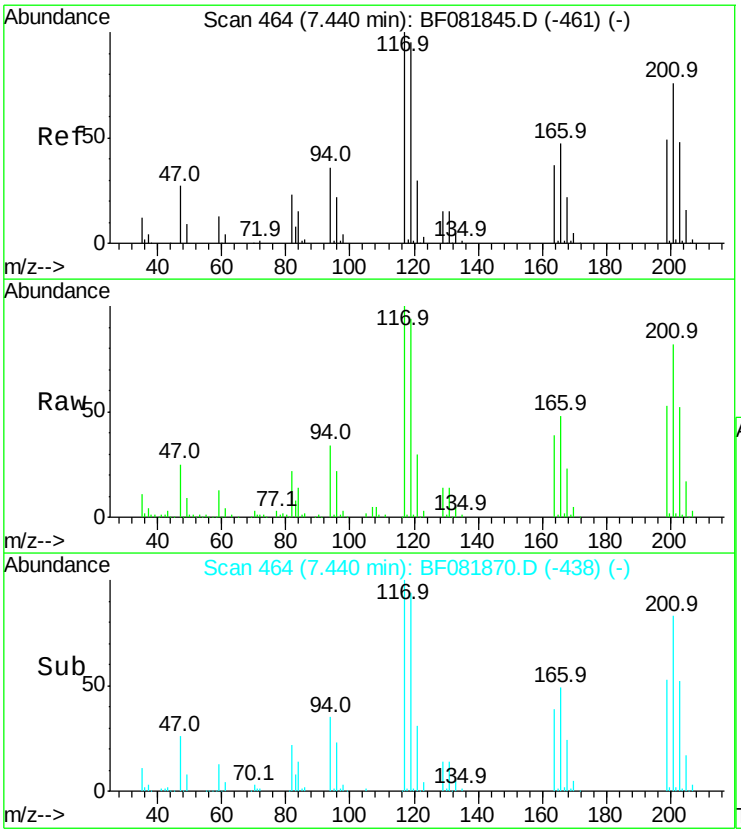
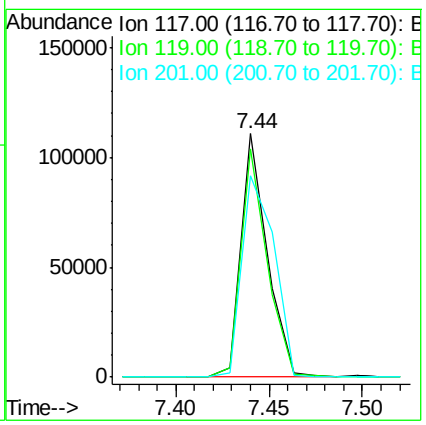
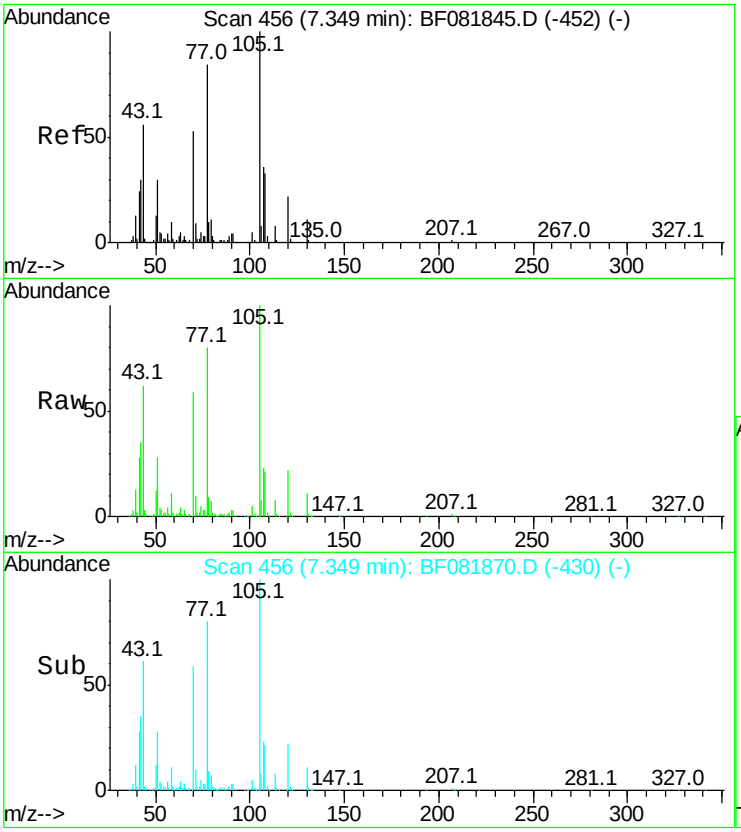


#18
Hexachloroethane
Concen: 43.34 ng
RT: 7.44 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:117 Resp: 108404

Ion	Ratio	Lower	Upper
117	100		
119	93.7	83.8	125.6
201	82.5	55.1	82.7

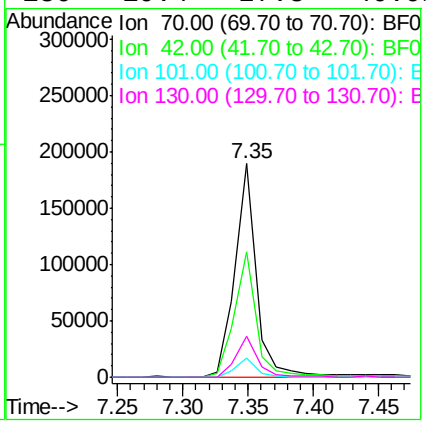




#19
n-Nitroso-di-n-propylamine
Concen: 48.58 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion: 70 Resp: 217950

Ion	Ratio	Lower	Upper
70	100		
42	58.7	63.8	95.6#
101	9.3	9.2	13.8
130	19.4	27.3	40.9#



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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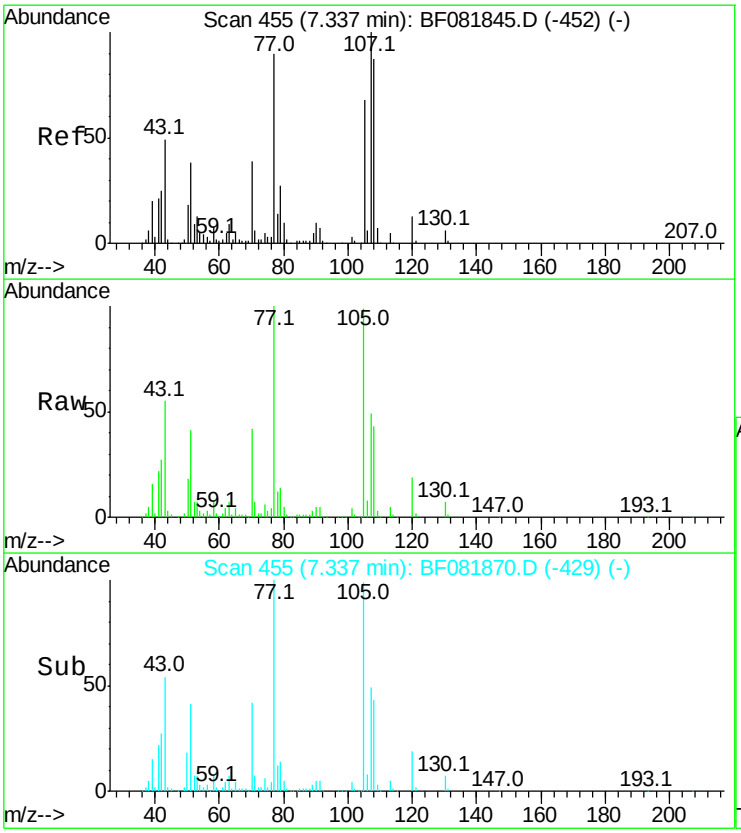
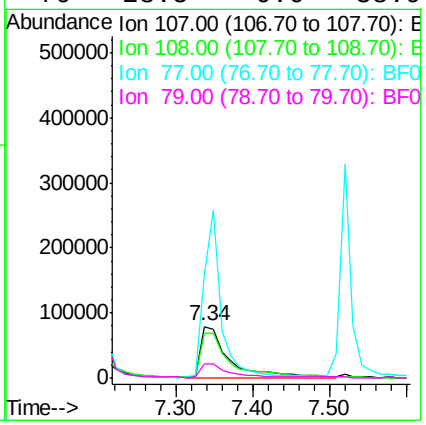
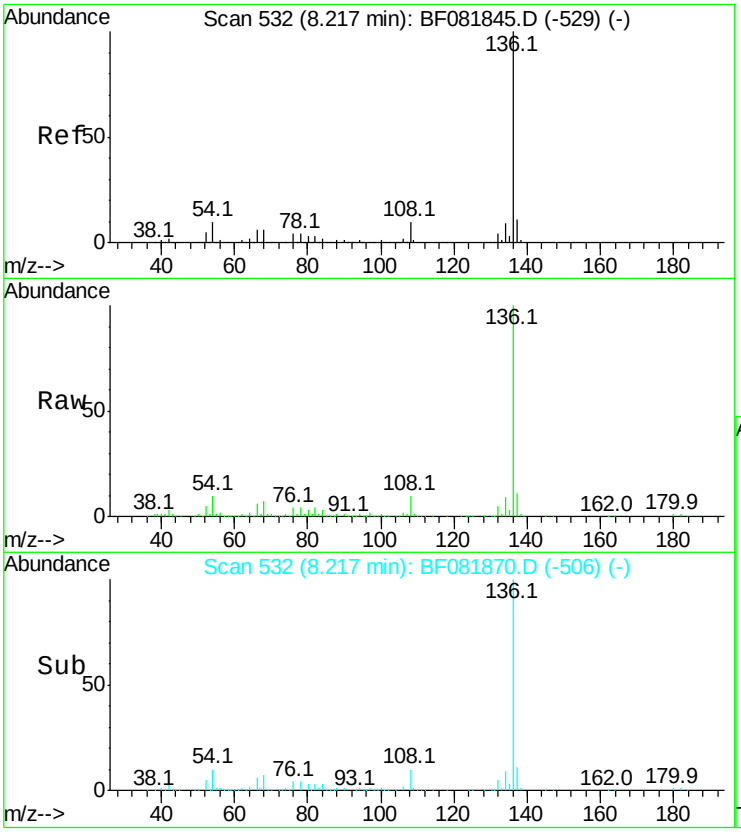


#20
3+4-Methylphenols
Concen: 30.07 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:107 Resp: 199473

Ion	Ratio	Lower	Upper
107	100		
108	86.7	74.6	114.6
77	203.3	0.7	40.7#
79	28.5	0.0	38.9

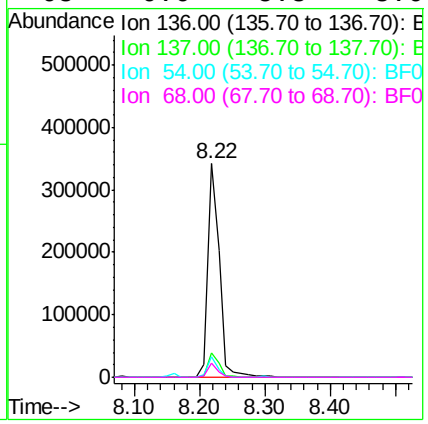




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:136 Resp: 420386

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.9	8.2	12.2
68	6.6	5.8	8.6



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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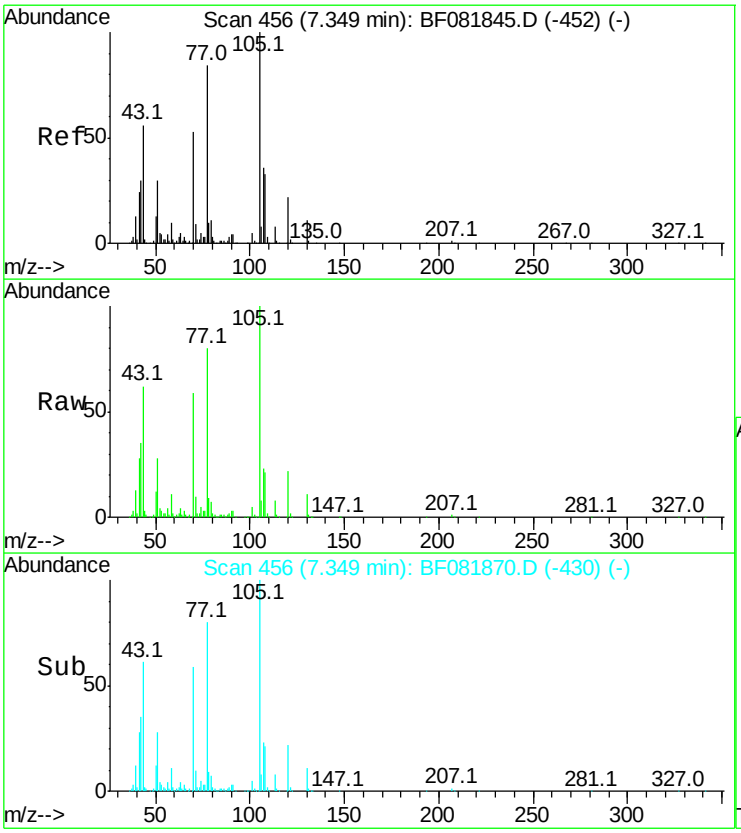
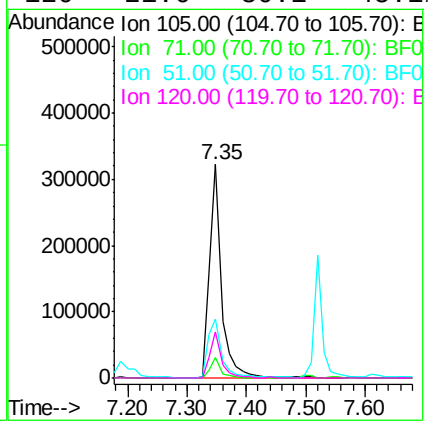
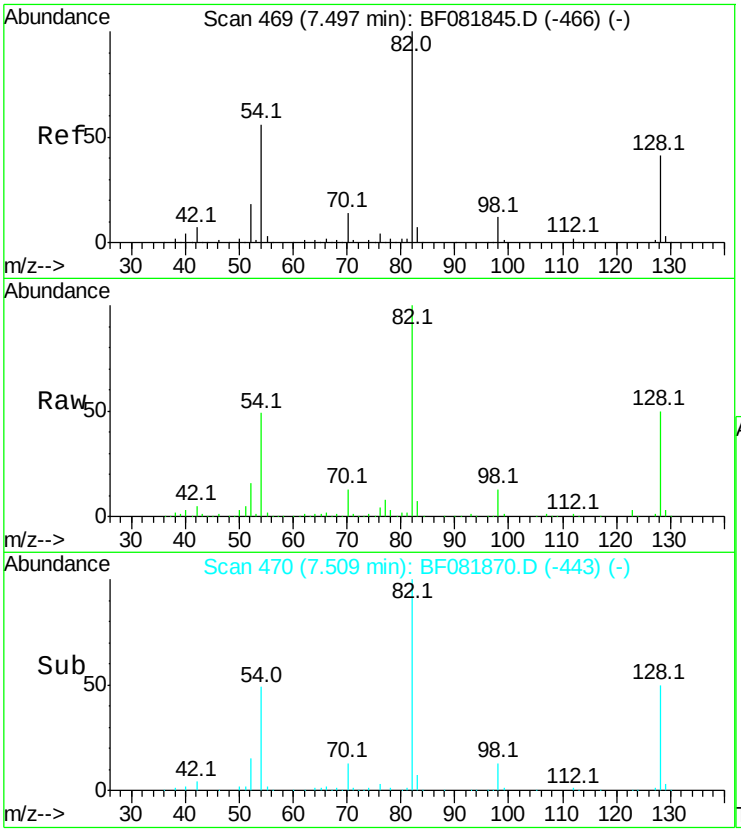


#22
Acetophenone
Concen: 52.65 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:105 Resp: 452574

Ion	Ratio	Lower	Upper
105	100		
71	9.7	4.7	7.1#
51	27.7	22.0	33.0
120	21.6	30.1	45.1#

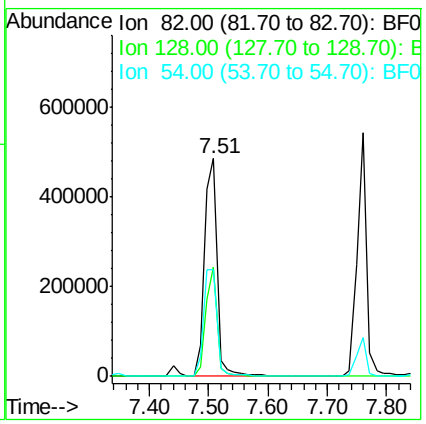




#23
Nitrobenzene-d5
Concen: 115.38 ng
RT: 7.51 min Scan# 470
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion: 82 Resp: 727631

Ion	Ratio	Lower	Upper
82	100		
128	50.0	51.0	76.6#
54	49.2	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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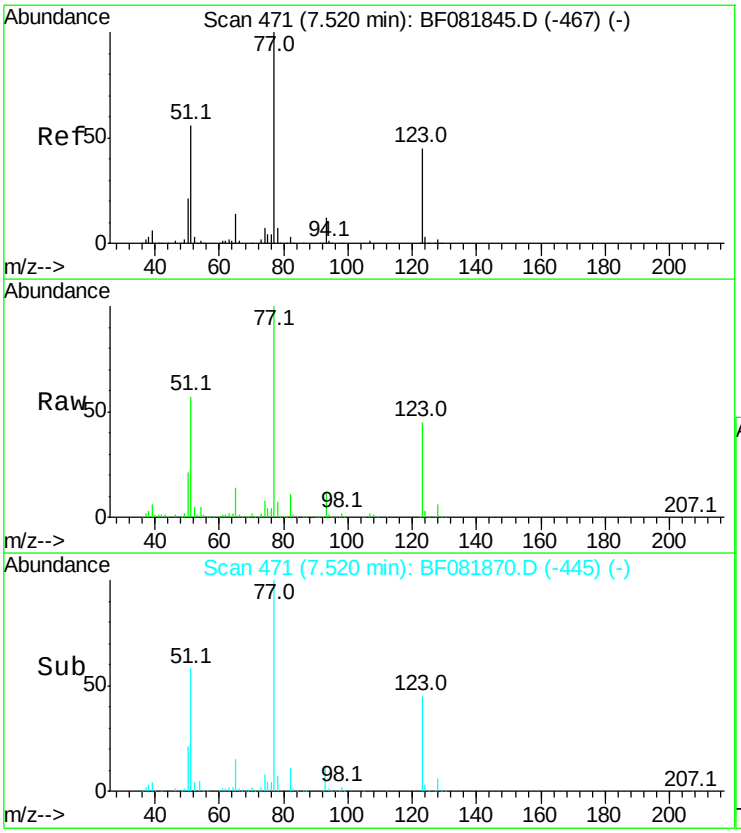
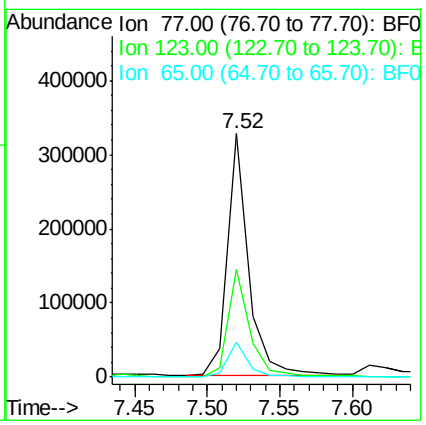
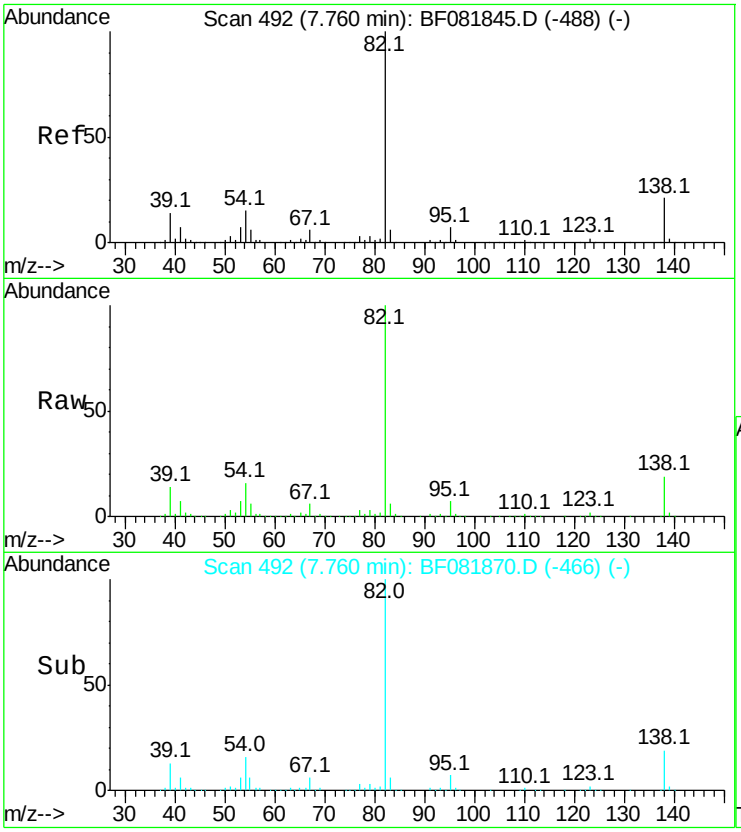


#24
Nitrobenzene
Concen: 48.42 ng
RT: 7.52 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion: 77 Resp: 331569

Ion	Ratio	Lower	Upper
77	100		
123	44.5	59.8	89.8#
65	14.2	10.2	15.4

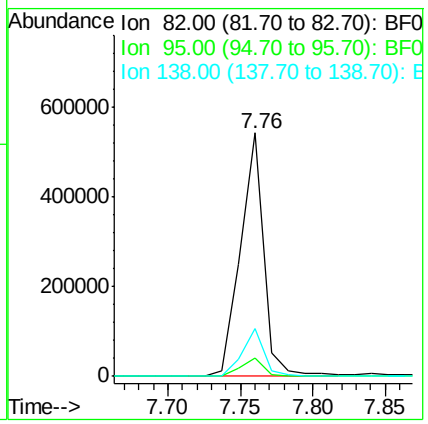




#25
Isophorone
Concen: 48.53 ng
RT: 7.76 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion: 82 Resp: 606635

Ion	Ratio	Lower	Upper
82	100		
95	7.4	4.0	6.0#
138	19.4	18.3	27.5



Instrument :
BNA_F
ClientSampleId :
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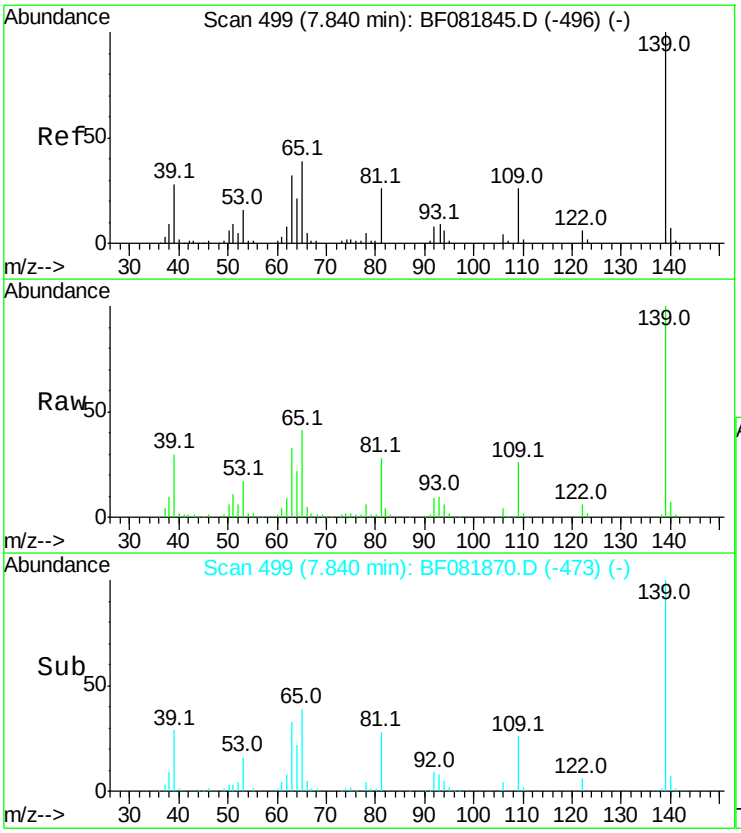
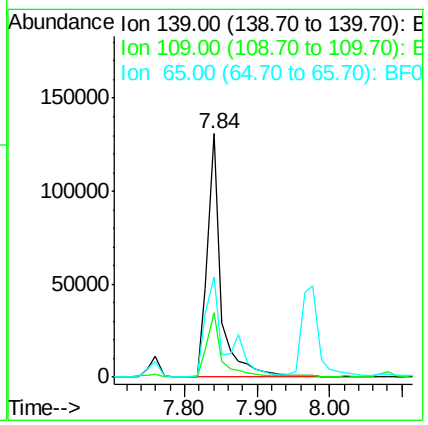
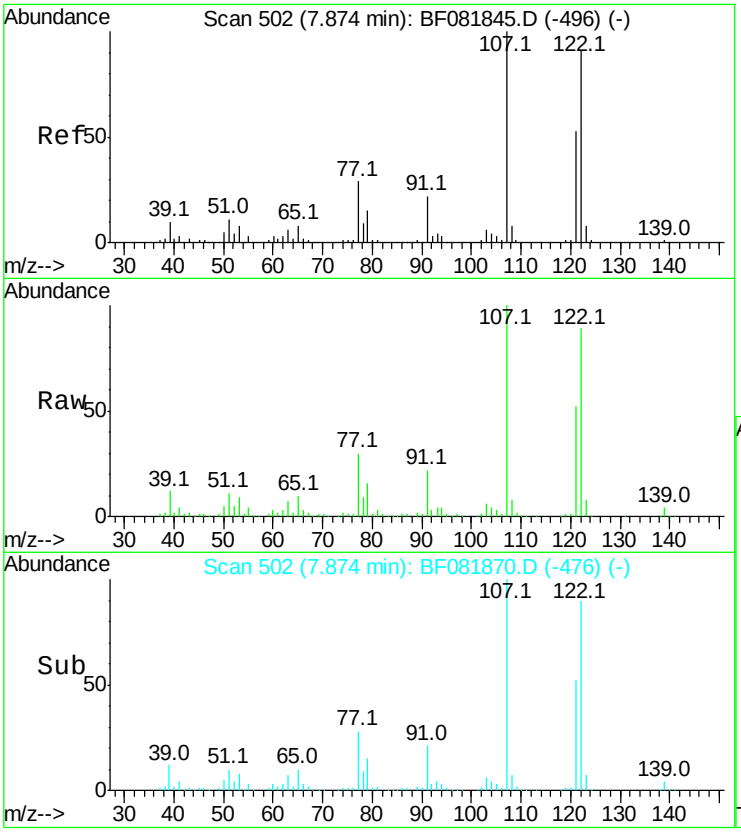


#26
2-Nitrophenol
Concen: 52.57 ng
RT: 7.84 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:139 Resp: 172815

Ion	Ratio	Lower	Upper
139	100		
109	26.4	11.0	16.4#
65	41.1	24.7	37.1#

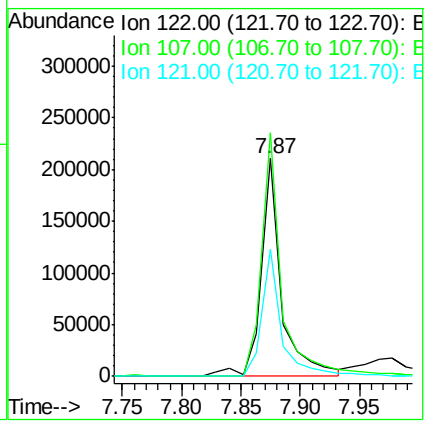




#27
2,4-Dimethylphenol
Concen: 43.81 ng
RT: 7.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:122 Resp: 253337

Ion	Ratio	Lower	Upper
122	100		
107	111.9	71.8	107.6#
121	58.3	42.3	63.5



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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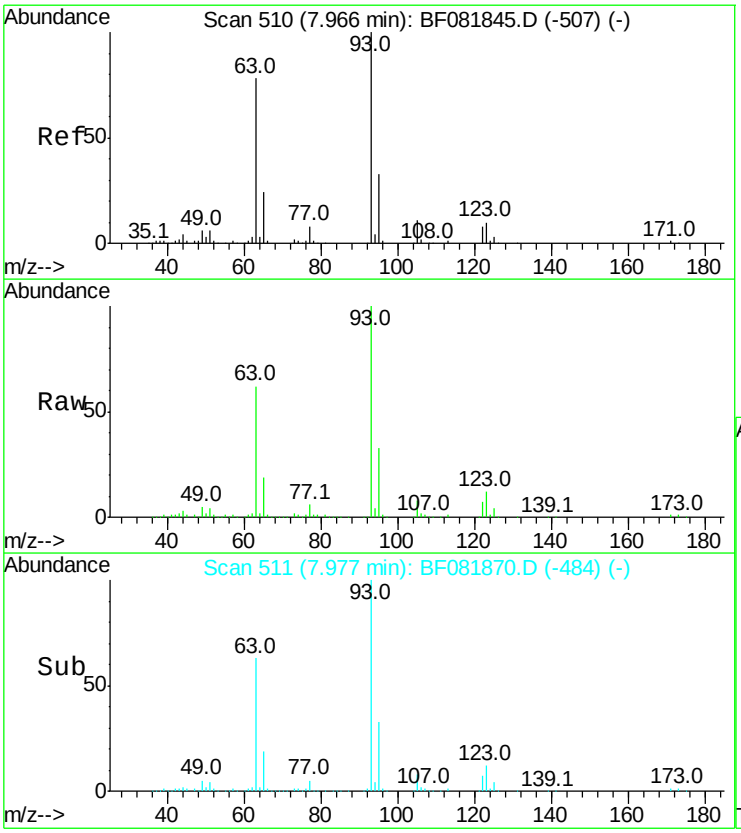
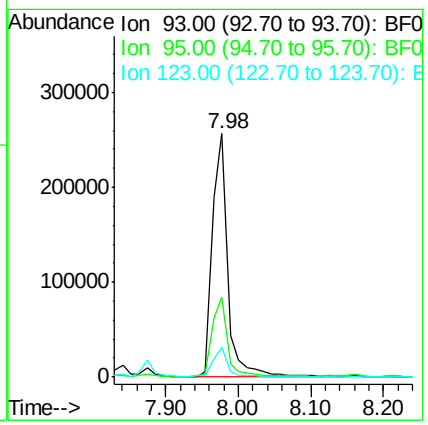
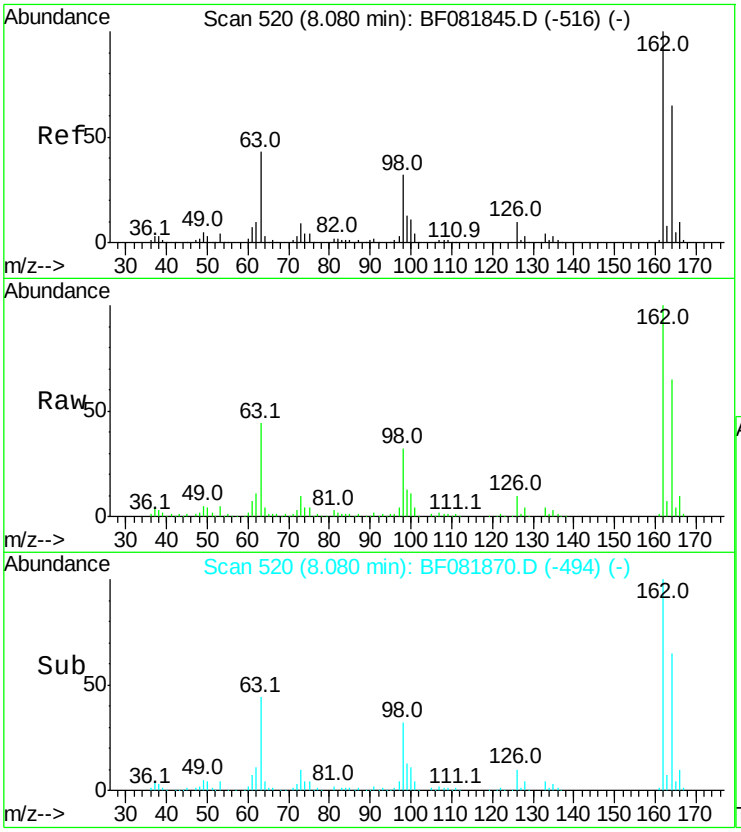


#28
bis(2-Chloroethoxy)methane
Concen: 50.33 ng
RT: 7.98 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion: 93 Resp: 373582

Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.5	41.3
123	12.2	13.7	20.5#

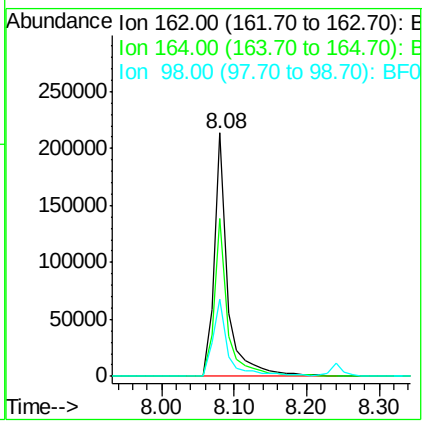




#29
2,4-Dichlorophenol
Concen: 49.40 ng
RT: 8.08 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:162 Resp: 276999

Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.9	84.9
98	31.8	13.0	53.0



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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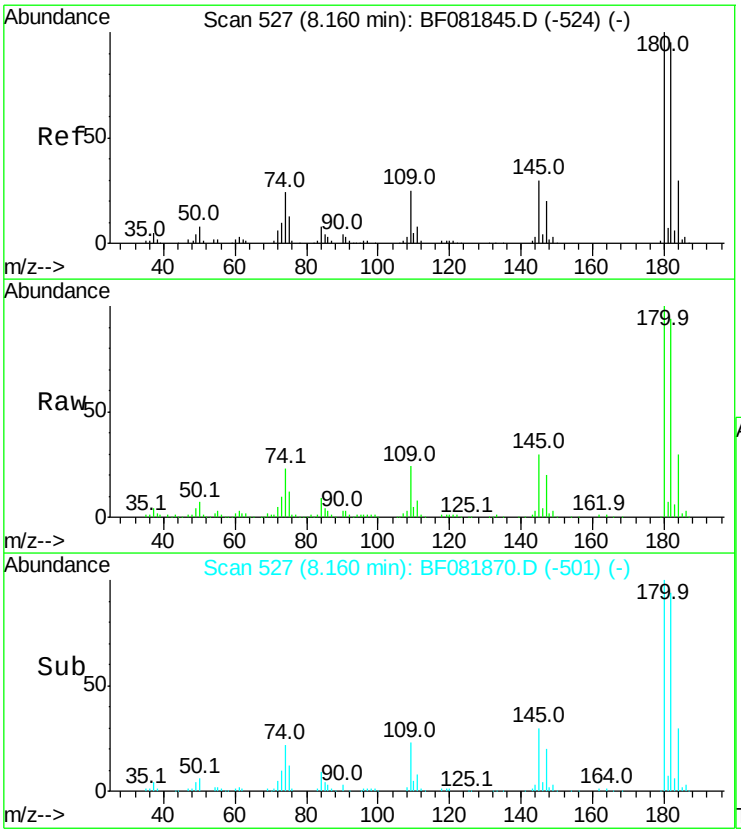
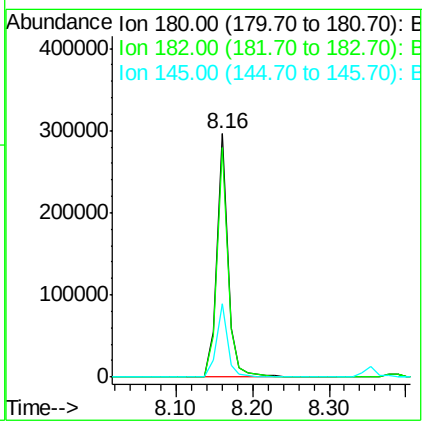
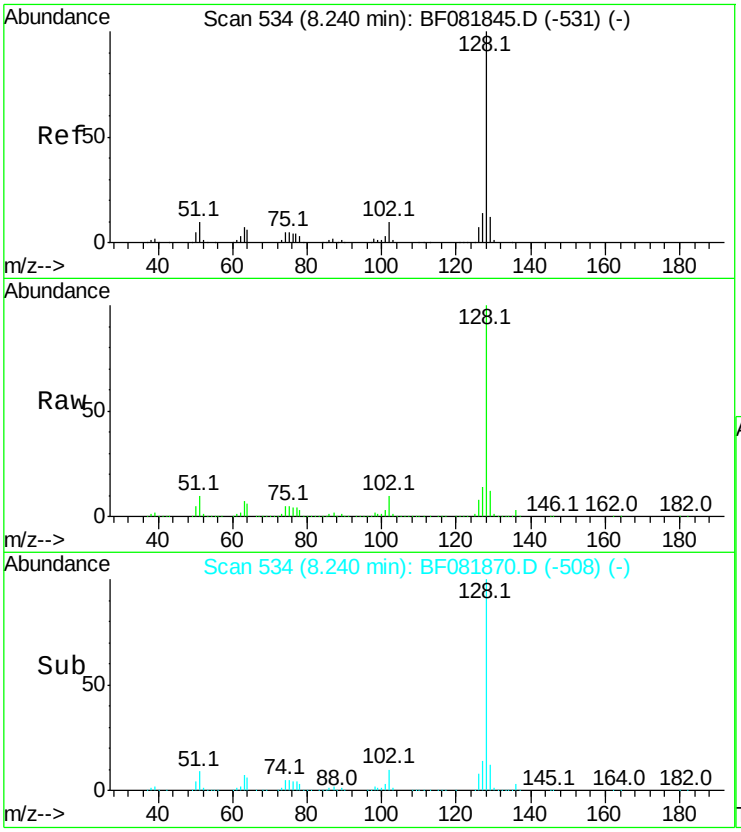


#30
1,2,4-Trichlorobenzene
Concen: 47.98 ng
RT: 8.16 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:180 Resp: 300372

Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.1	115.7
145	30.3	23.3	34.9

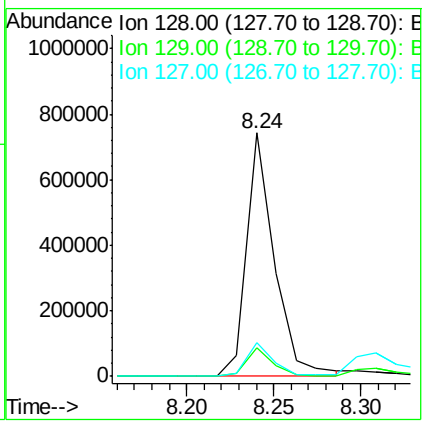




#31
Naphthalene
Concen: 44.61 ng m
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:128 Resp: 831034

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.4	12.6
127	13.7	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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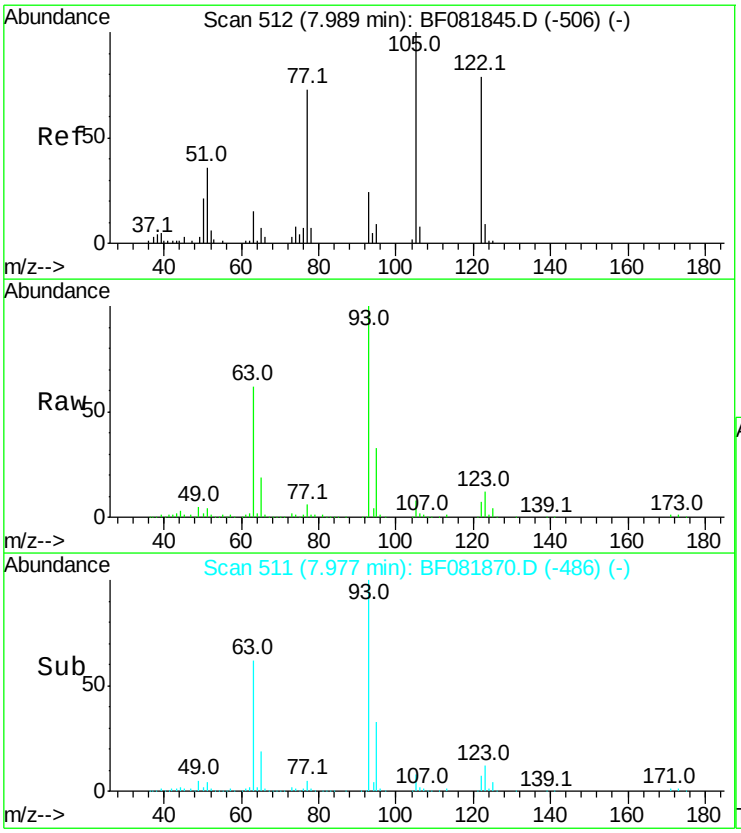
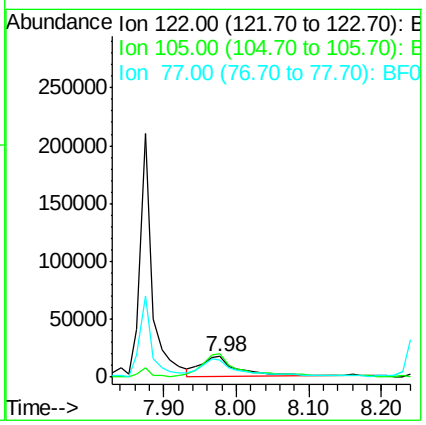
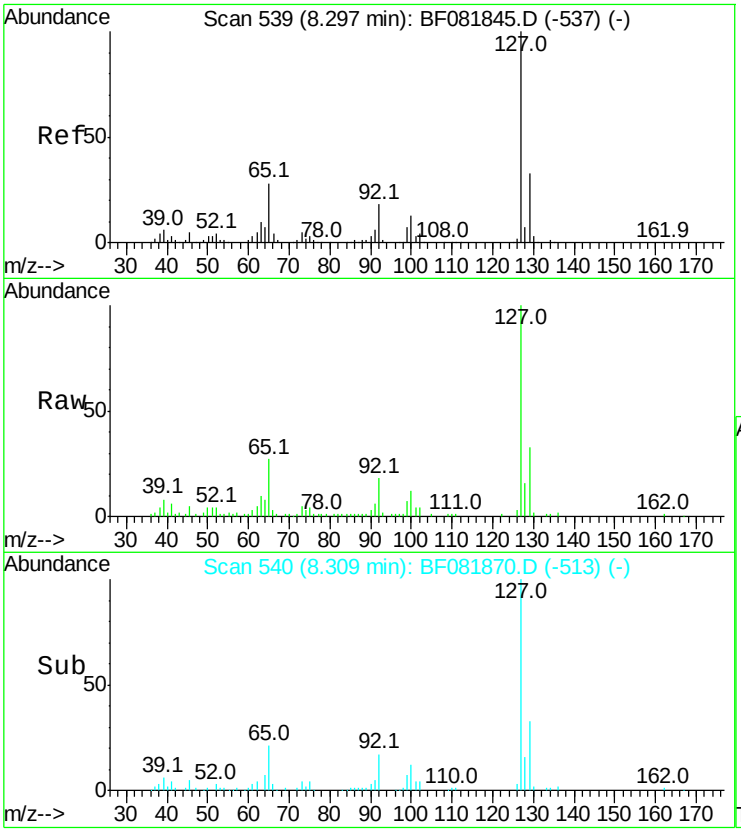


#32
Benzoic acid
Concen: 22.21 ng
RT: 7.98 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:122 Resp: 60699

Ion	Ratio	Lower	Upper
122	100		
105	109.8	76.1	116.1
77	83.8	40.5	80.5#

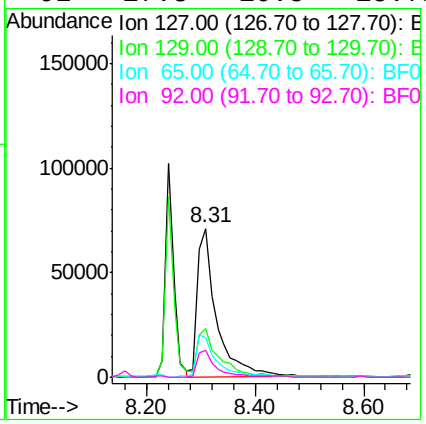




#33
4-Chloroaniline
Concen: 21.36 ng
RT: 8.31 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:127 Resp: 172017

Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	26.8	17.9	26.9
92	17.8	10.5	15.7#



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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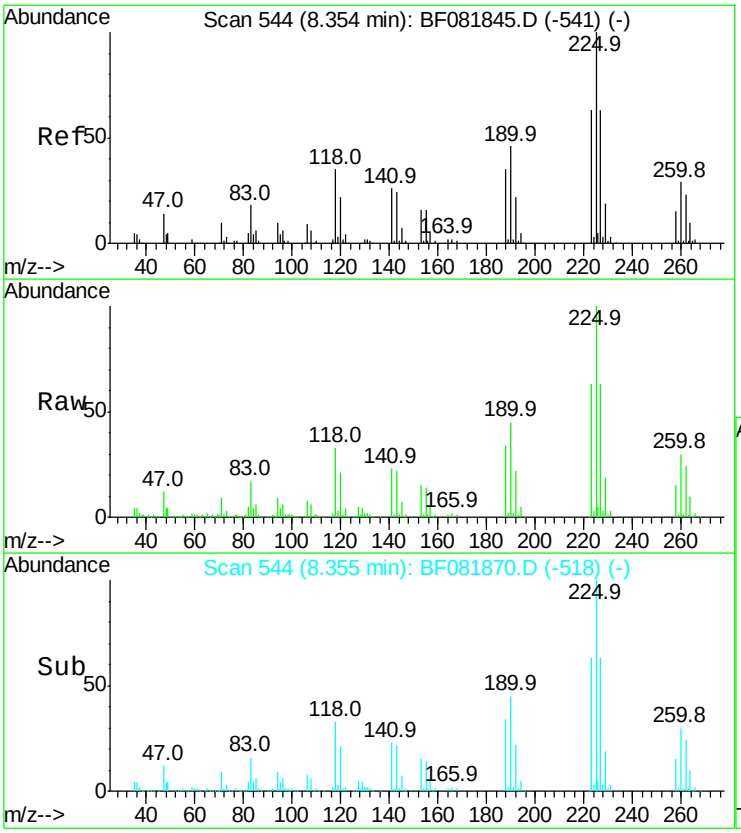
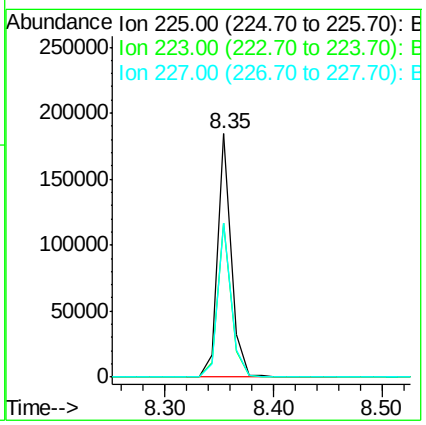
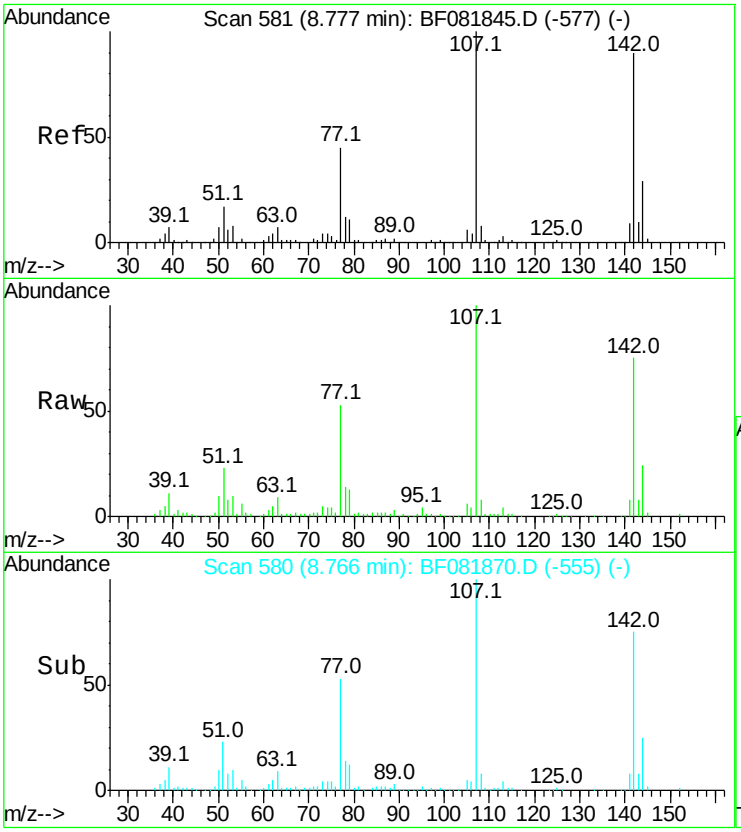


#34
Hexachlorobutadiene
Concen: 43.98 ng
RT: 8.35 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:225 Resp: 162806

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.2	75.2
227	63.1	52.2	78.2

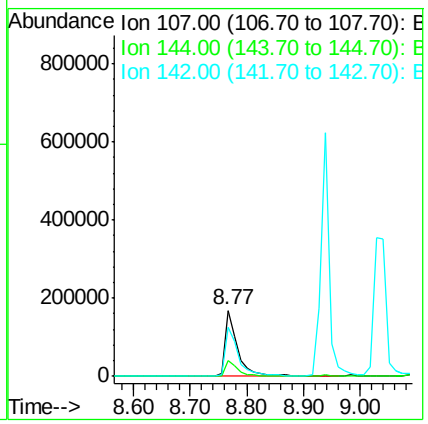




#36
4-Chloro-3-methylphenol
Concen: 47.23 ng
RT: 8.77 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:107 Resp: 258971

Ion	Ratio	Lower	Upper
107	100		
144	24.5	25.4	38.0#
142	74.7	77.3	115.9#



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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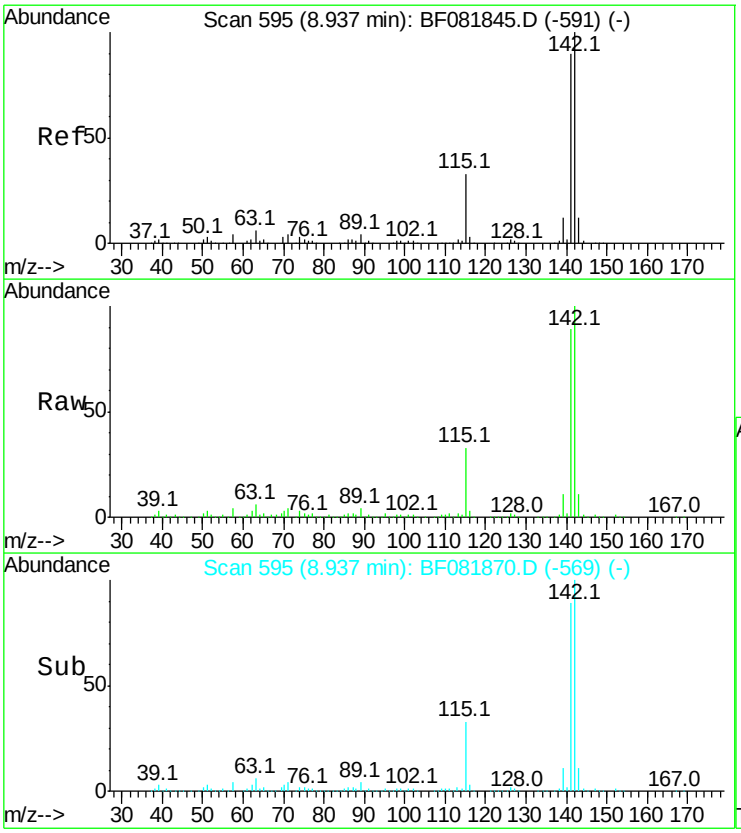
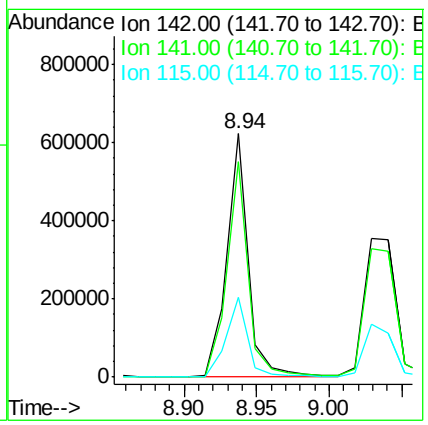
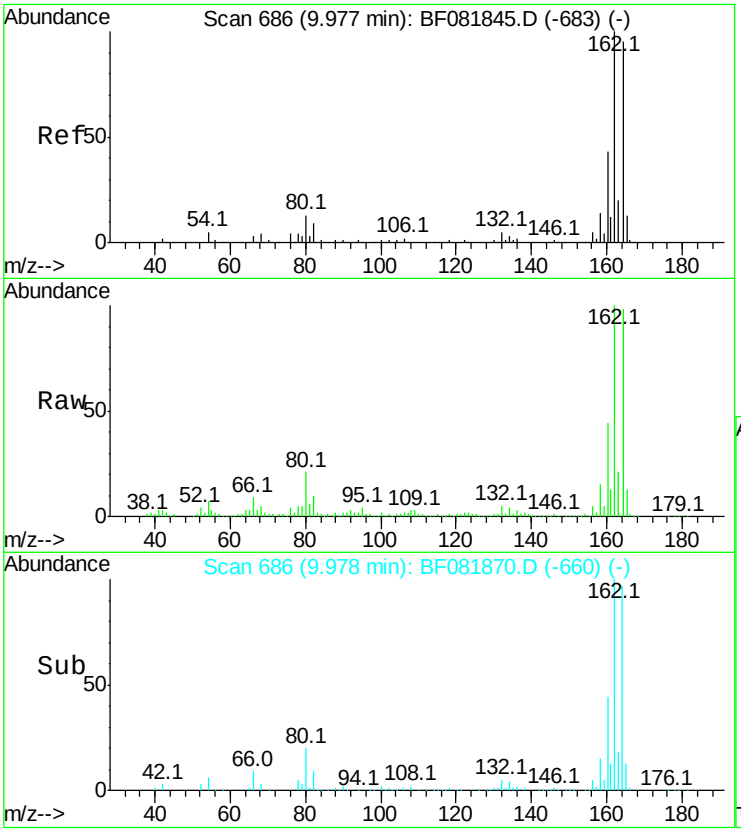


#37
2-Methylnaphthalene
Concen: 50.52 ng
RT: 8.94 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:142 Resp: 642341

Ion	Ratio	Lower	Upper
142	100		
141	88.7	67.5	101.3
115	32.8	18.2	27.2#

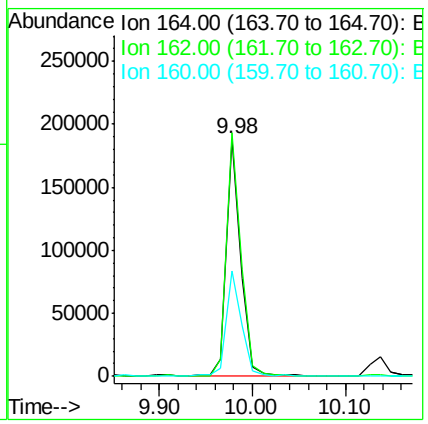




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:164 Resp: 200762

Ion	Ratio	Lower	Upper
164	100		
162	102.5	75.2	112.8
160	44.6	31.5	47.3



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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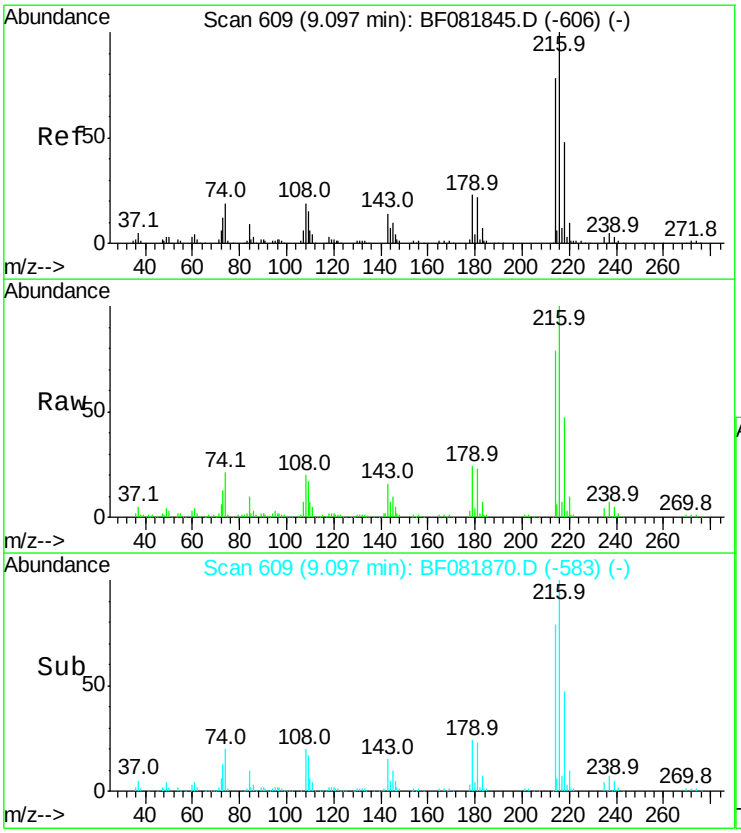
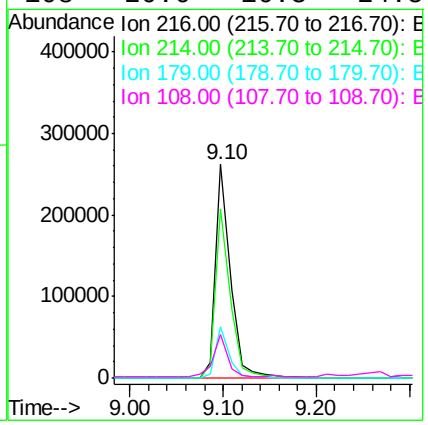
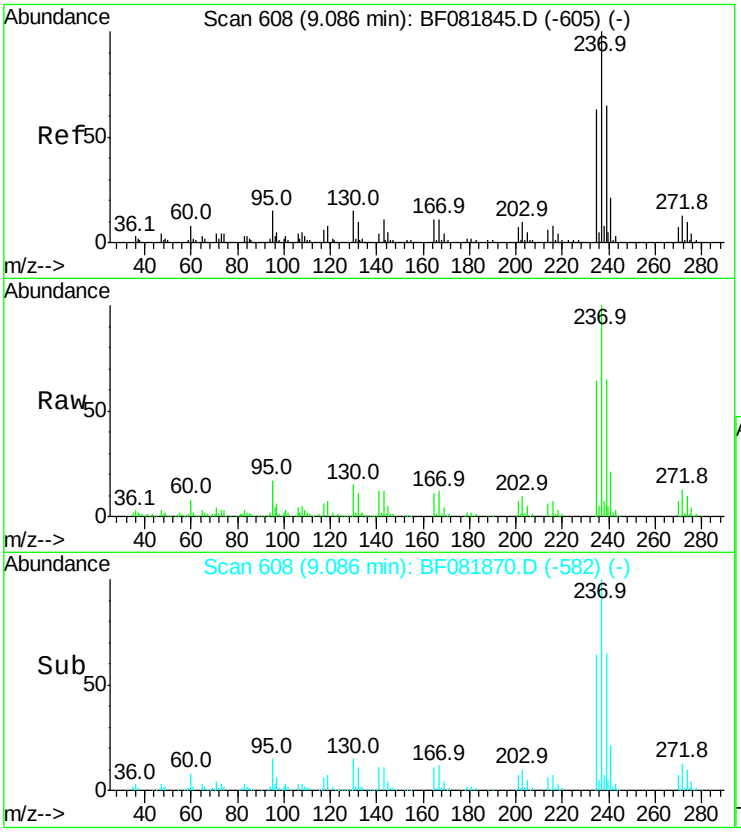


#39
1,2,4,5-Tetrachlorobenzene
Concen: 47.33 ng
RT: 9.10 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:216 Resp: 291710

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.5	95.3
179	21.9	16.6	24.8
108	20.6	16.3	24.5

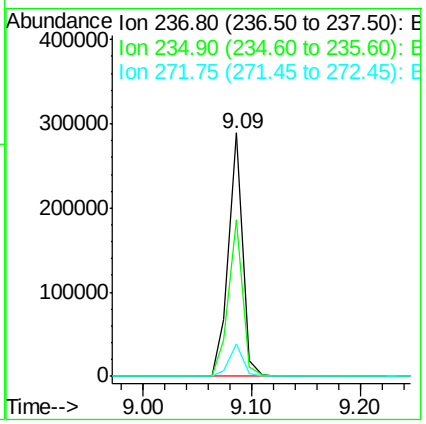




#40
Hexachlorocyclopentadiene
Concen: 82.51 ng
RT: 9.09 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:237 Resp: 261874

Ion	Ratio	Lower	Upper
237	100		
235	64.2	42.0	82.0
272	13.1	0.0	36.1



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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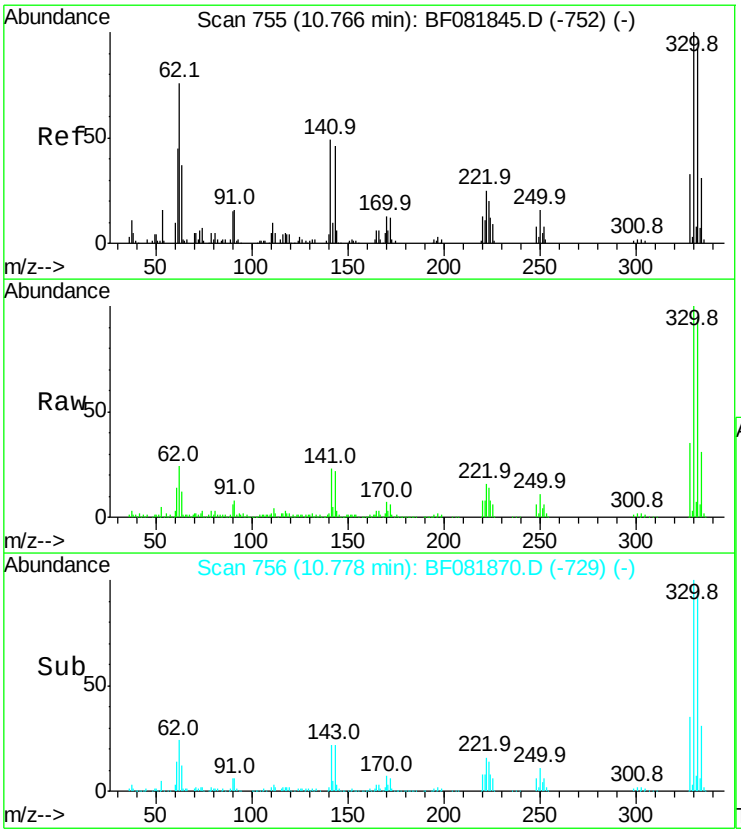
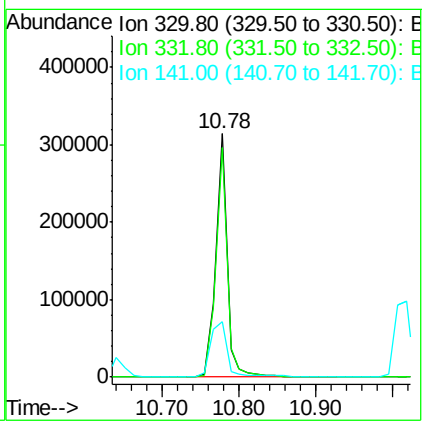
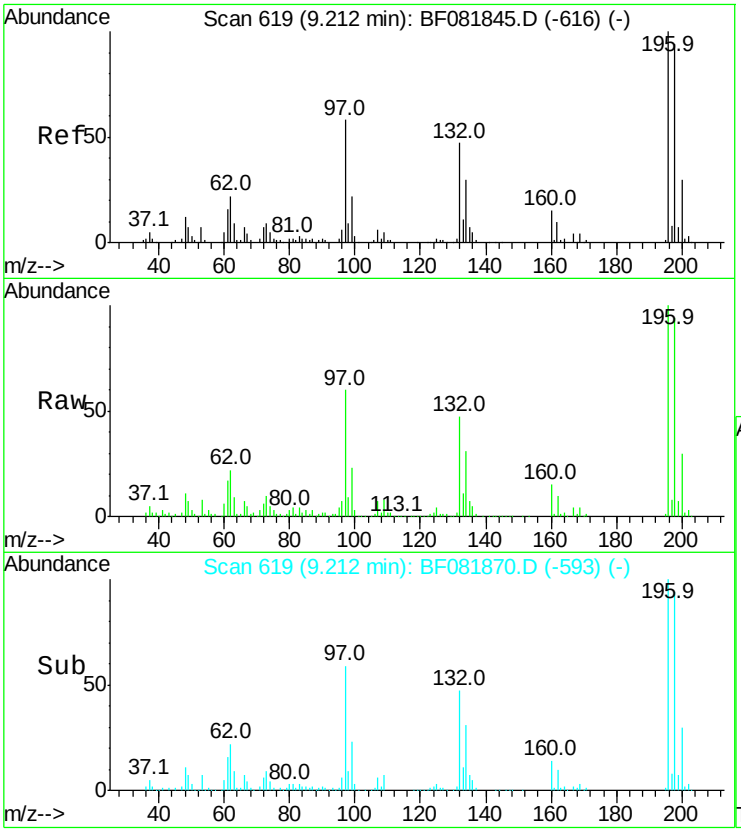


#41
2,4,6-Tribromophenol
Concen: 160.49 ng
RT: 10.78 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:330 Resp: 326322

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	31.3	29.7	44.5

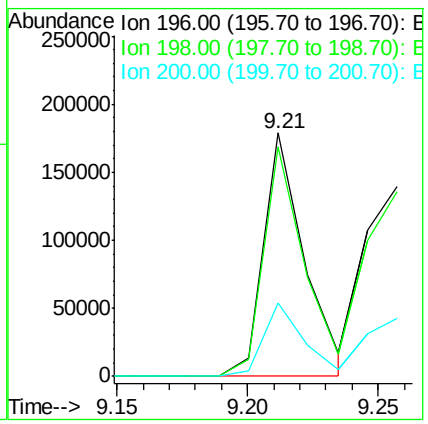




#42
2,4,6-Trichlorophenol
Concen: 46.35 ng
RT: 9.21 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:196 Resp: 195867

Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.7	113.5
200	30.2	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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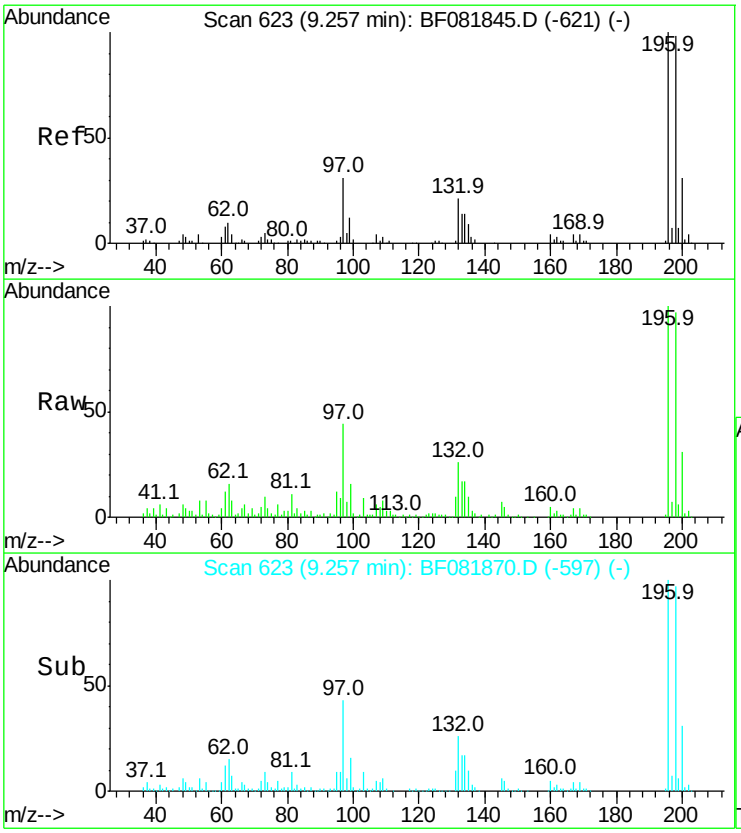
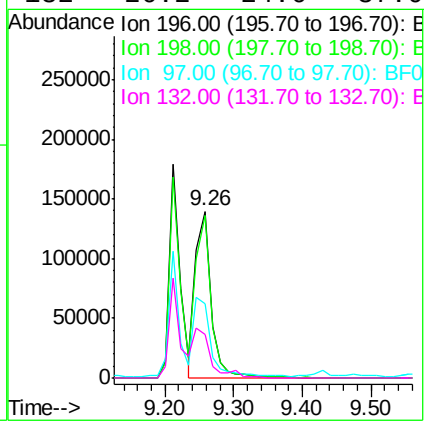
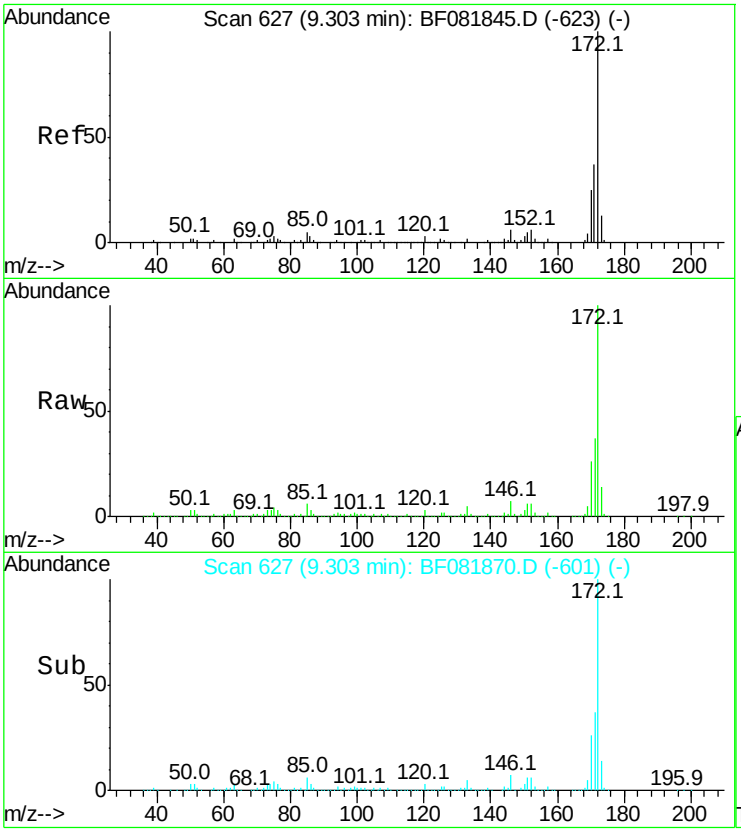


#43
2,4,5-Trichlorophenol
Concen: 51.07 ng
RT: 9.26 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:196 Resp: 221895

Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.4	113.0
97	44.3	33.3	49.9
132	26.2	24.6	37.0

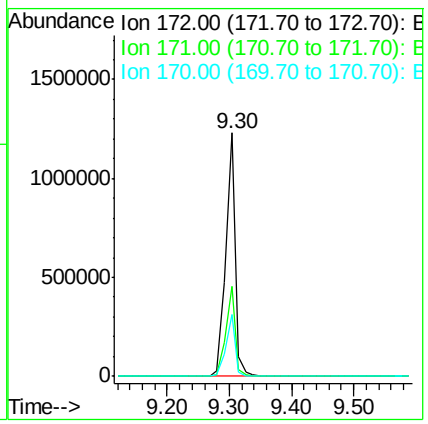




#44
2-Fluorobiphenyl
Concen: 115.38 ng
RT: 9.30 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:172 Resp: 1289840

Ion	Ratio	Lower	Upper
172	100		
171	37.2	26.1	39.1
170	25.5	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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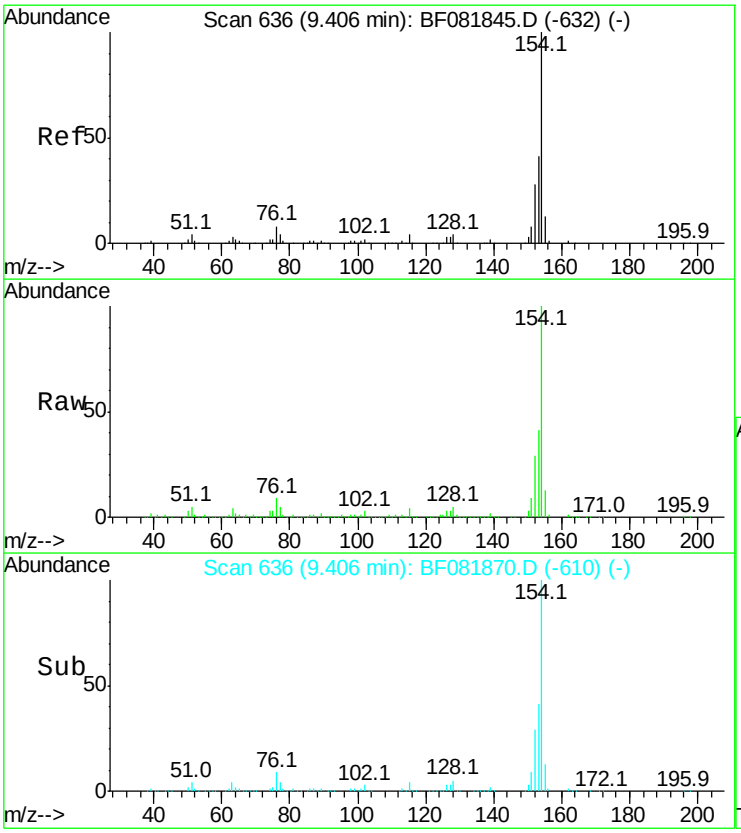
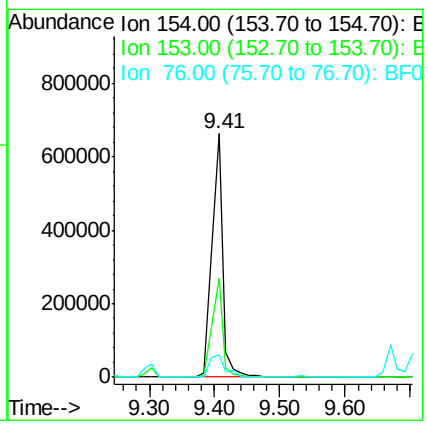
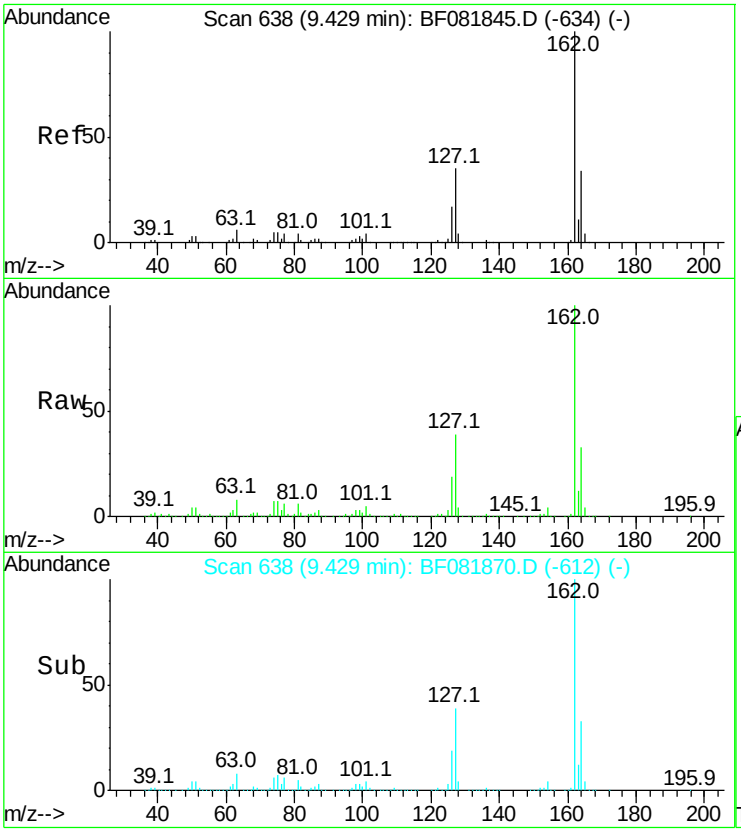


#45
1,1'-Biphenyl
Concen: 50.17 ng
RT: 9.41 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:154 Resp: 777021

Ion	Ratio	Lower	Upper
154	100		
153	40.8	17.1	57.1
76	9.3	0.0	31.6

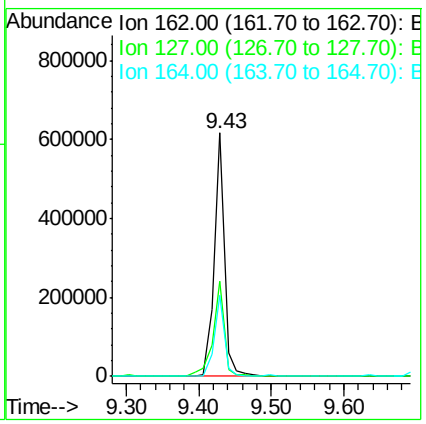




#46
2-Chloronaphthalene
Concen: 49.57 ng
RT: 9.43 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:162 Resp: 602830

Ion	Ratio	Lower	Upper
162	100		
127	39.0	27.6	41.4
164	33.4	25.4	38.2



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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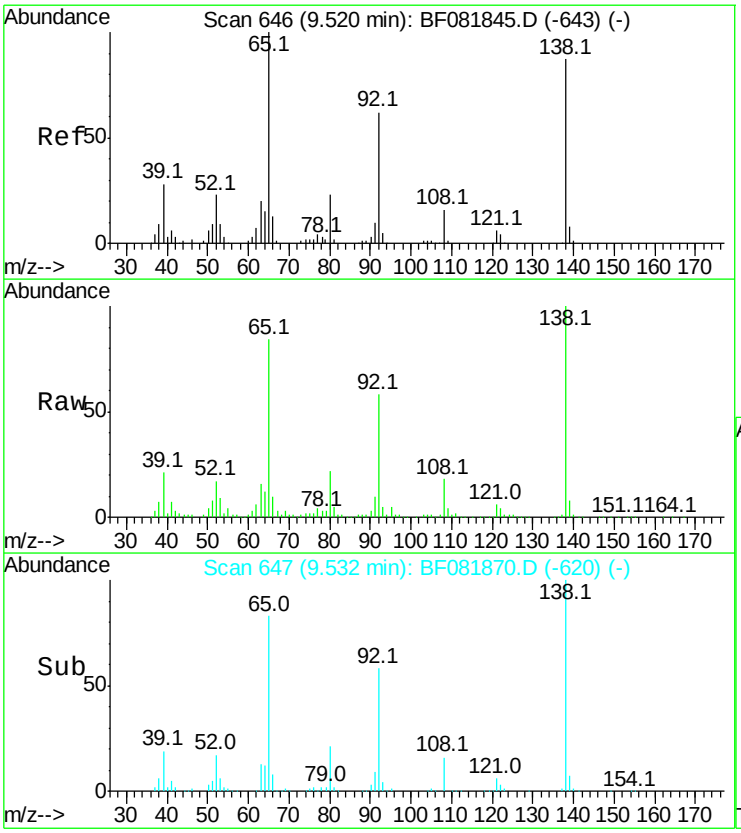
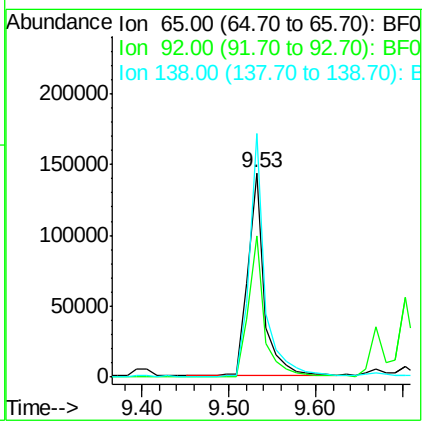
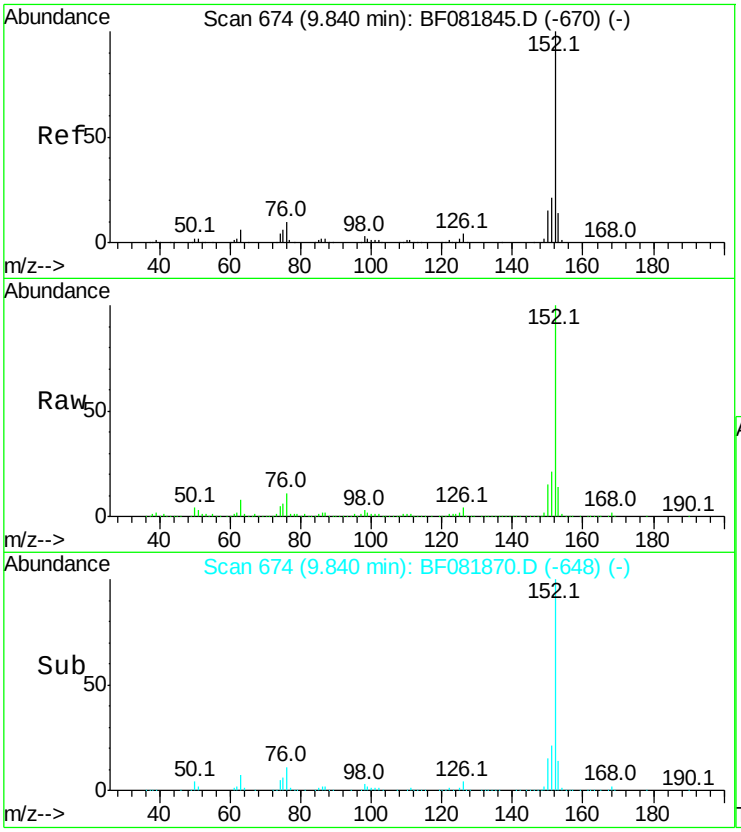


#47
2-Nitroaniline
Concen: 52.82 ng
RT: 9.53 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion: 65 Resp: 188593

Ion	Ratio	Lower	Upper
65	100		
92	69.2	55.4	83.0
138	119.0	115.5	173.3

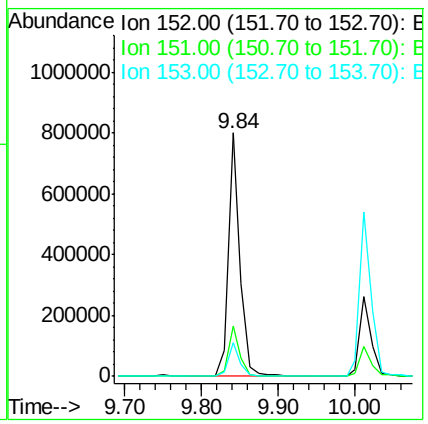




#48
Acenaphthylene
Concen: 44.16 ng
RT: 9.84 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:152 Resp: 859491

Ion	Ratio	Lower	Upper
152	100		
151	20.6	14.6	22.0
153	13.9	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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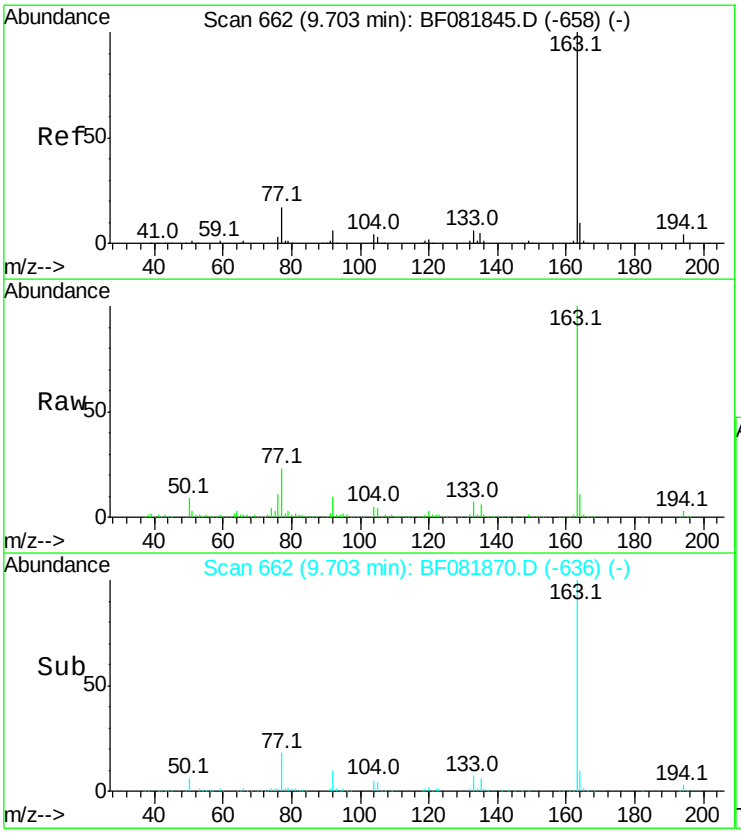
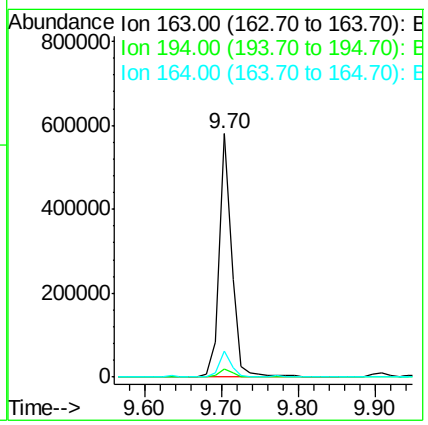
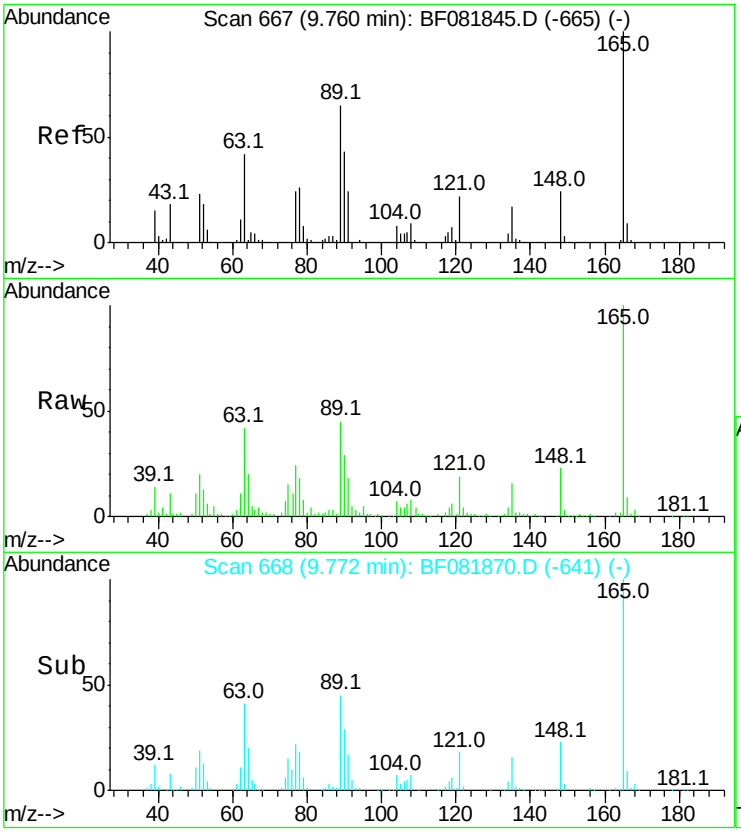


#49
Dimethylphthalate
Concen: 47.54 ng
RT: 9.70 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:163 Resp: 658849

Ion	Ratio	Lower	Upper
163	100		
194	3.3	4.4	6.6#
164	10.6	8.3	12.5

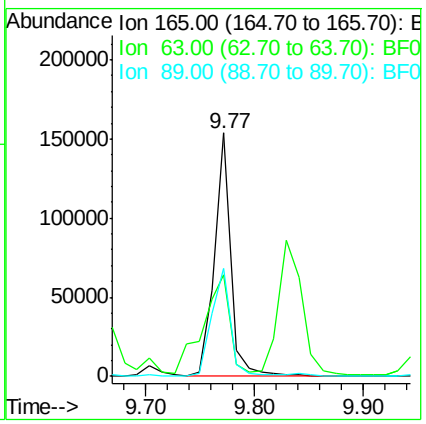




#50
2,6-Dinitrotoluene
Concen: 53.41 ng
RT: 9.77 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:165 Resp: 160705

Ion	Ratio	Lower	Upper
165	100		
63	41.7	32.3	48.5
89	44.5	28.6	43.0#



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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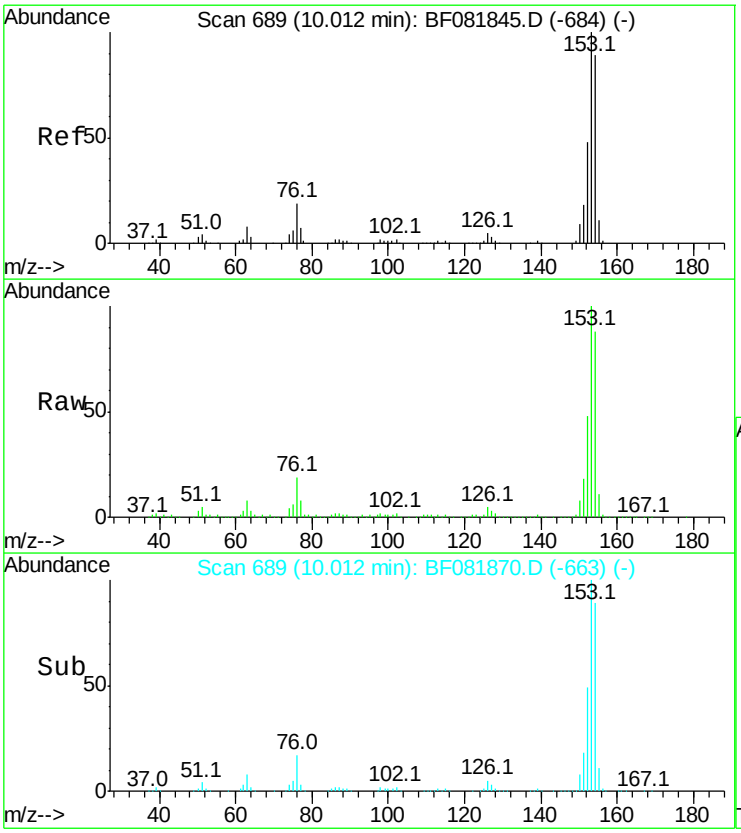
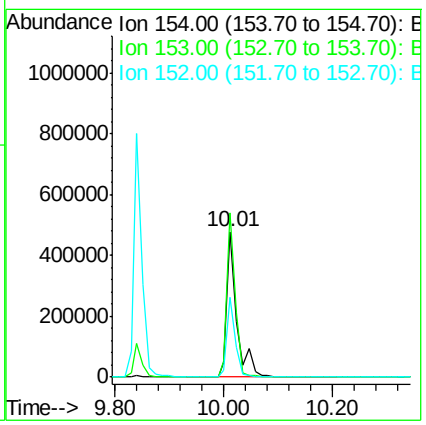
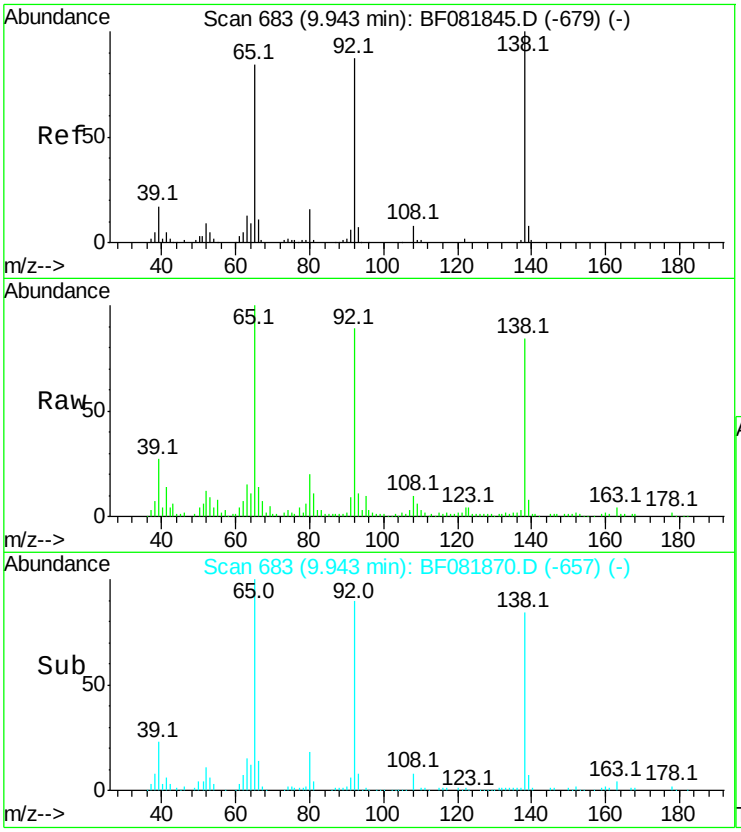


#51
Acenaphthene
Concen: 52.70 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:154 Resp: 609142

Ion	Ratio	Lower	Upper
154	100		
153	113.0	82.1	123.1
152	54.8	37.9	56.9

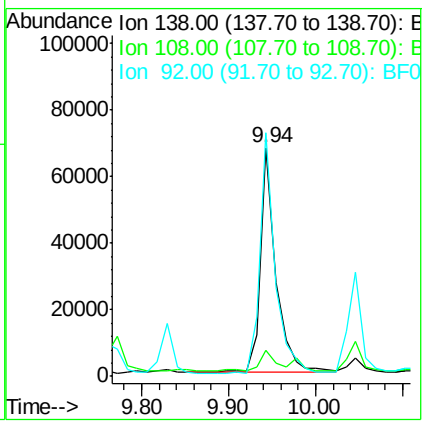




#52
3-Nitroaniline
Concen: 24.80 ng
RT: 9.94 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:138 Resp: 86332

Ion	Ratio	Lower	Upper
138	100		
108	11.5	5.7	8.5#
92	106.4	67.7	101.5#



Instrument :
BNA_F
ClientSampleId :
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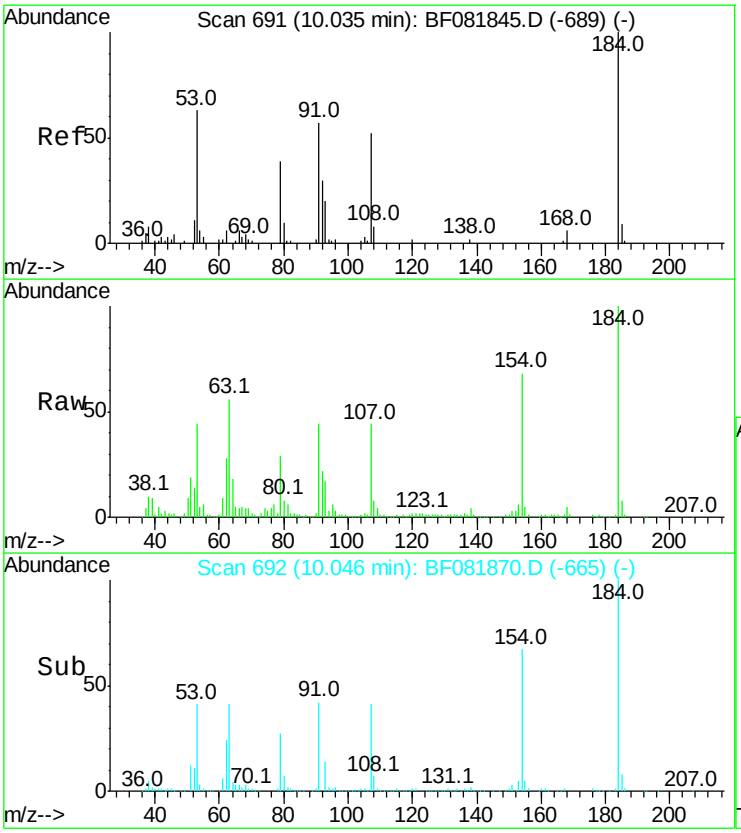
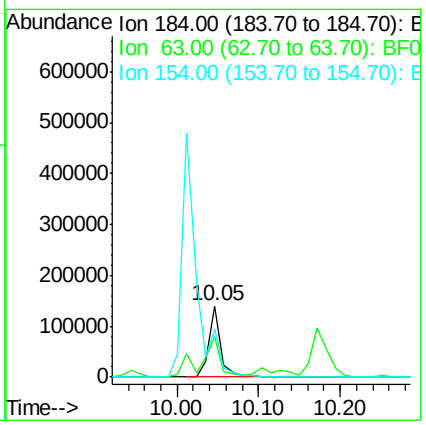
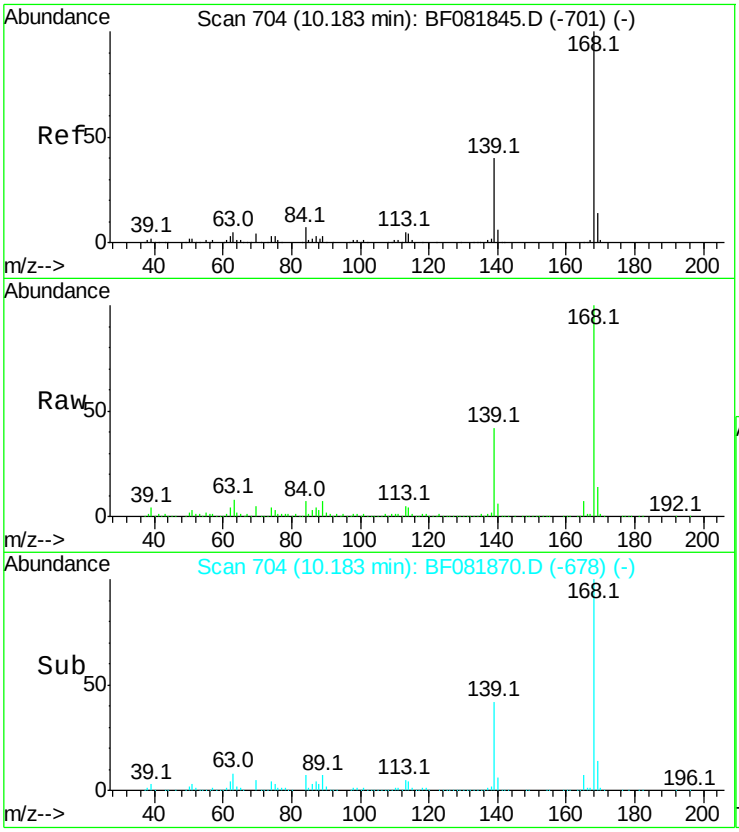


#53
2,4-Dinitrophenol
Concen: 91.11 ng
RT: 10.05 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:184 Resp: 146558

Ion	Ratio	Lower	Upper
184	100		
63	55.7	35.4	53.2#
154	67.8	32.2	48.4#

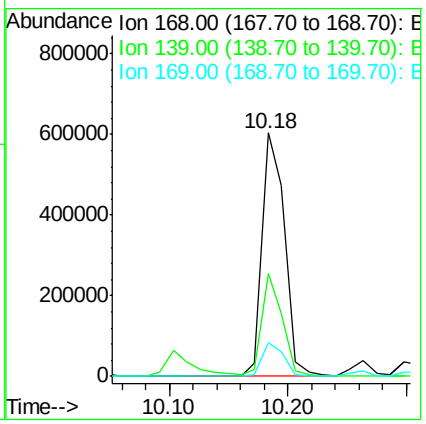




#54
Dibenzofuran
Concen: 48.95 ng
RT: 10.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:168 Resp: 799565

Ion	Ratio	Lower	Upper
168	100		
139	42.0	24.2	36.2#
169	13.9	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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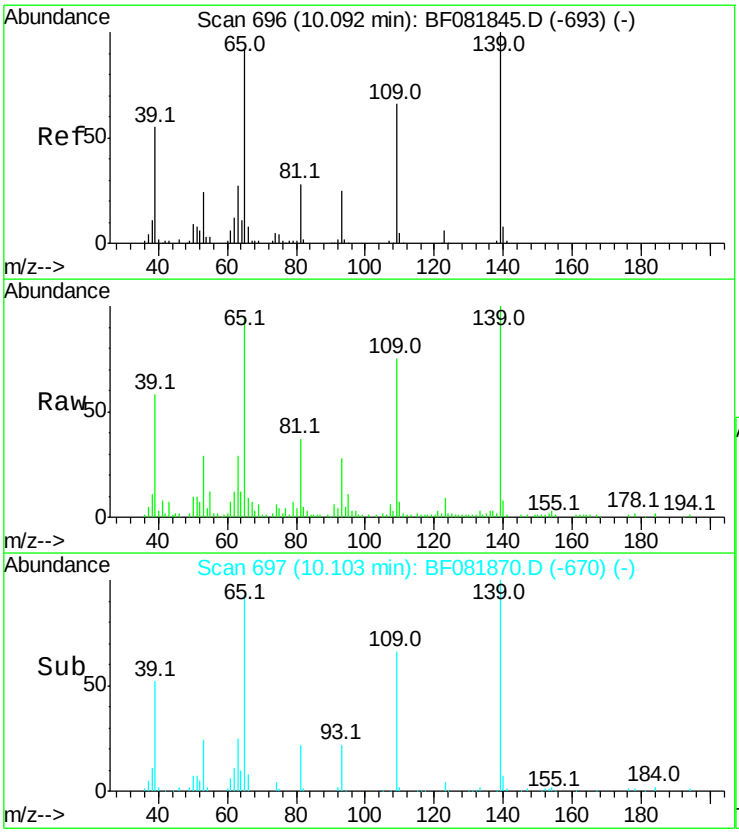
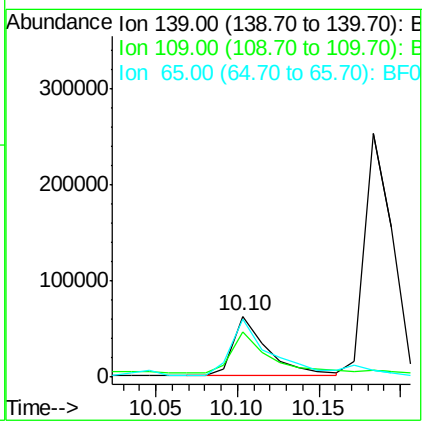
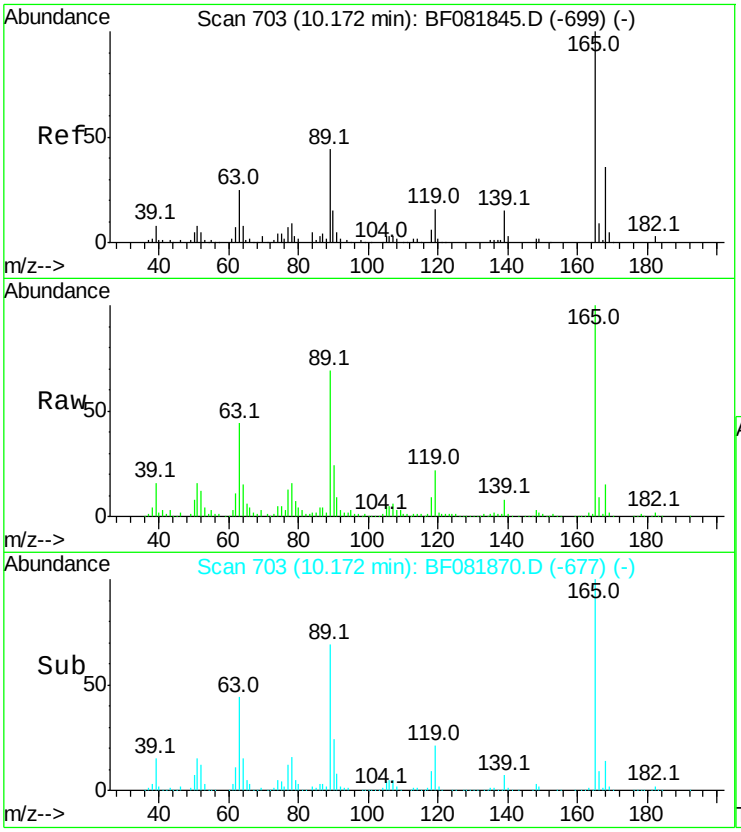


#55
4-Nitrophenol
Concen: 37.10 ng
RT: 10.10 min Scan# 697
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:139 Resp: 93309

Ion	Ratio	Lower	Upper
139	100		
109	74.8	12.7	52.7#
65	95.0	45.9	85.9#

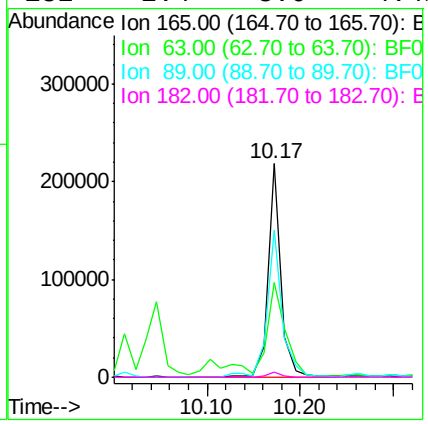




#56
2,4-Dinitrotoluene
Concen: 54.63 ng
RT: 10.17 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:165 Resp: 209516

Ion	Ratio	Lower	Upper
165	100		
63	44.3	29.8	44.6
89	68.9	44.5	66.7#
182	2.4	3.0	4.4#



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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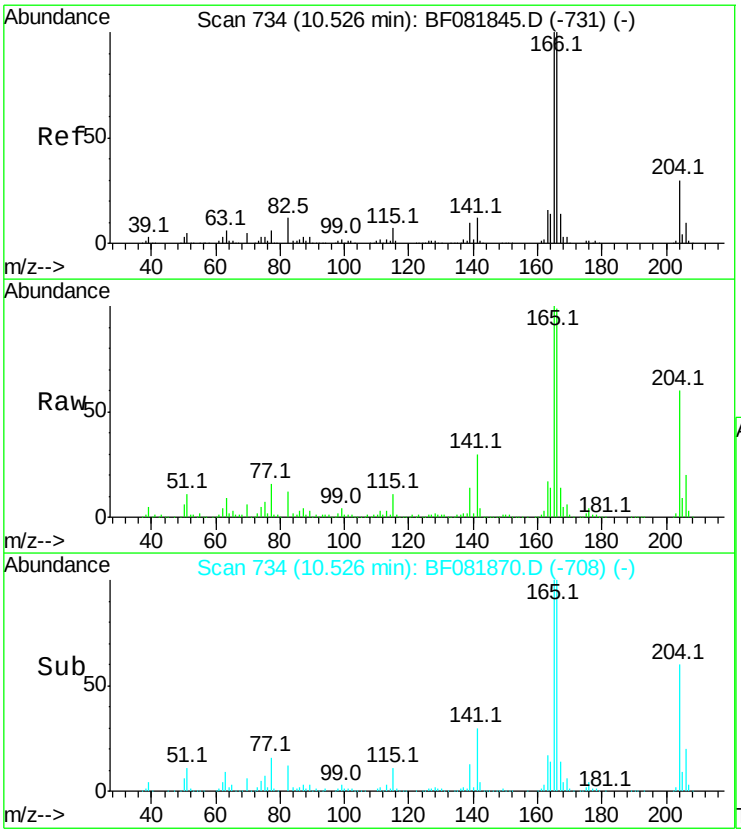
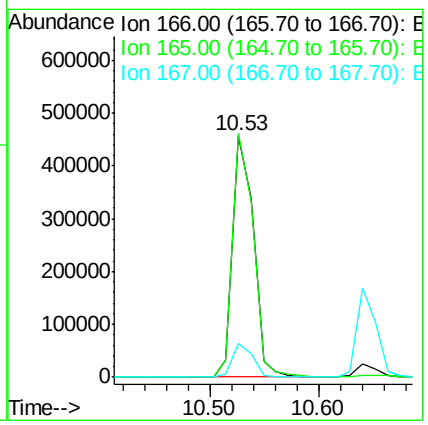
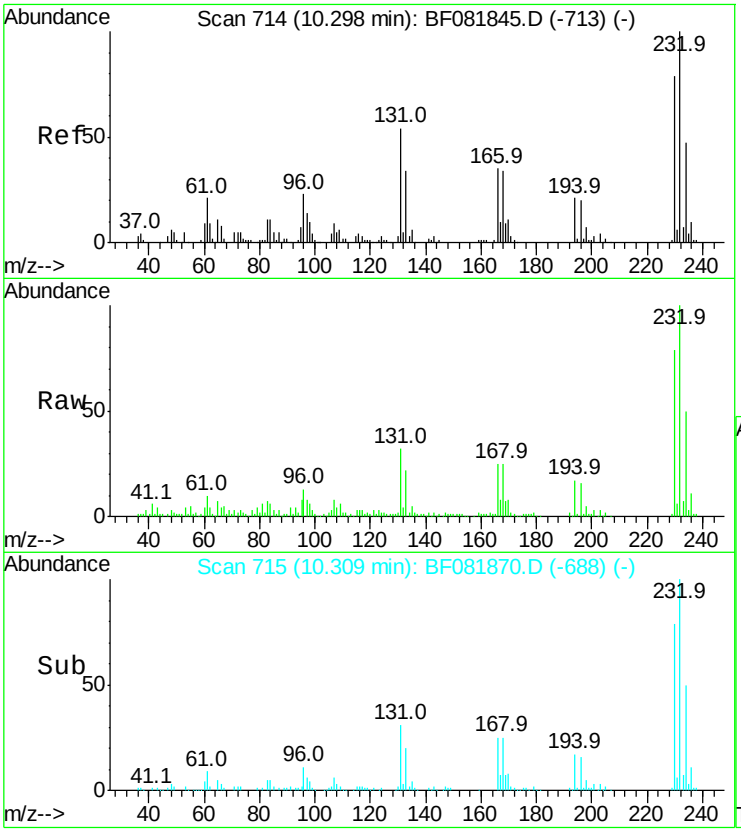


#57
Fluorene
Concen: 51.54 ng
RT: 10.53 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:166 Resp: 598565

Ion	Ratio	Lower	Upper
166	100		
165	100.7	72.6	109.0
167	14.1	10.6	16.0

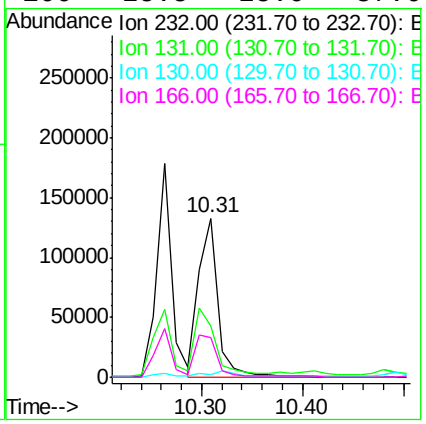




#58
2,3,4,6-Tetrachlorophenol
Concen: 52.70 ng m
RT: 10.31 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:232 Resp: 181641

Ion	Ratio	Lower	Upper
232	100		
131	39.6	38.5	57.7
130	2.6	1.8	2.6
166	25.5	25.0	37.6



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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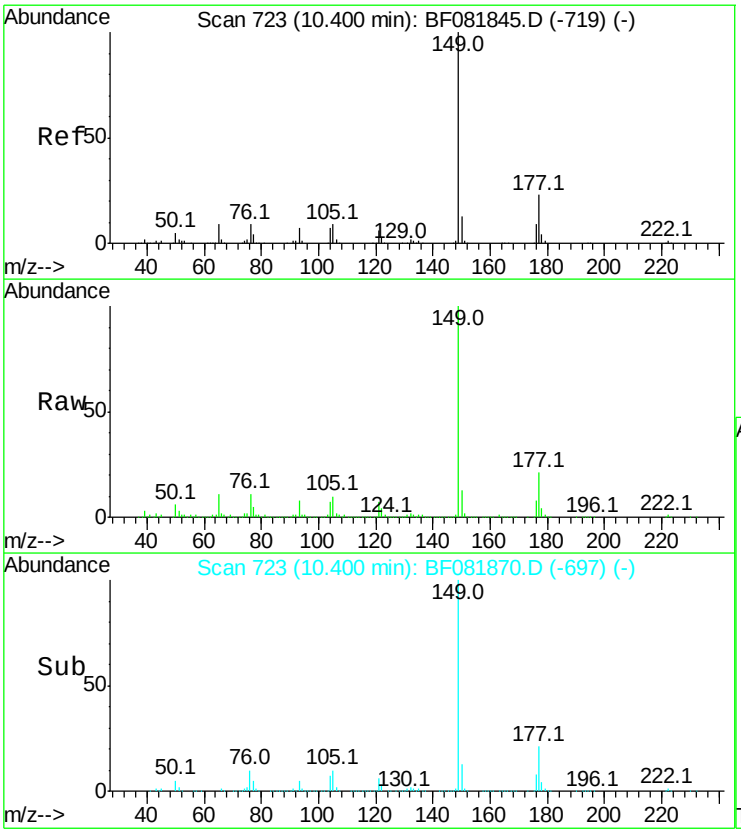
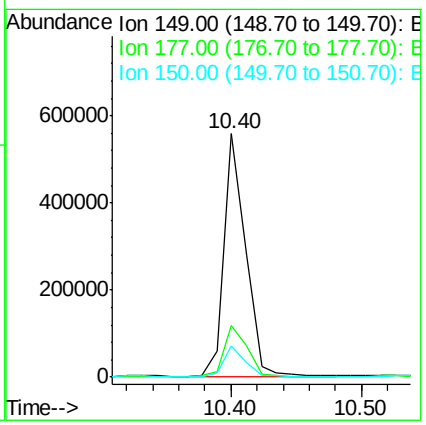
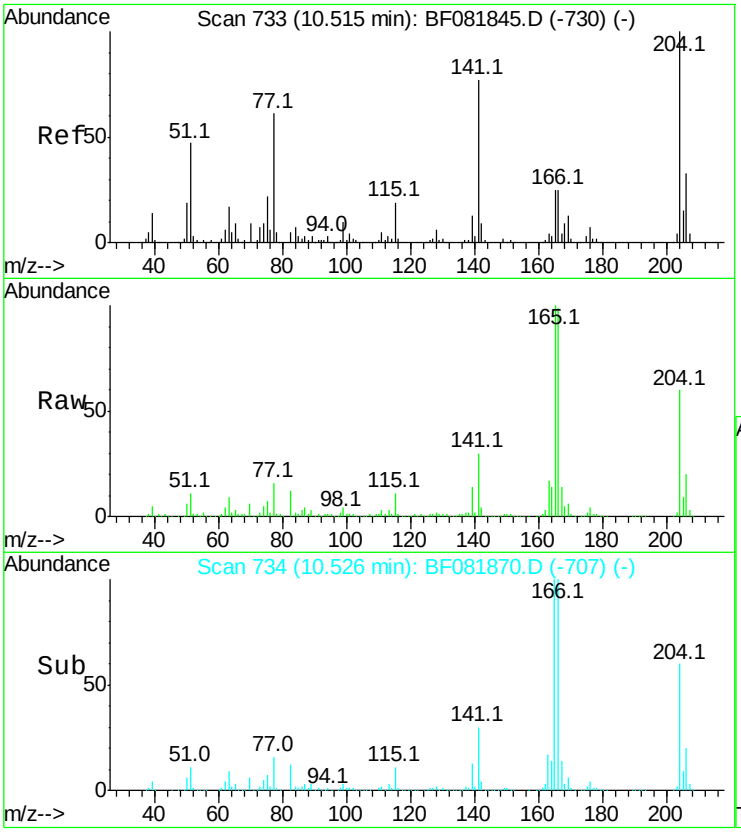


#59
Diethylphthalate
Concen: 49.61 ng
RT: 10.40 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:149 Resp: 642209

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.5	26.3
150	12.7	9.4	14.2

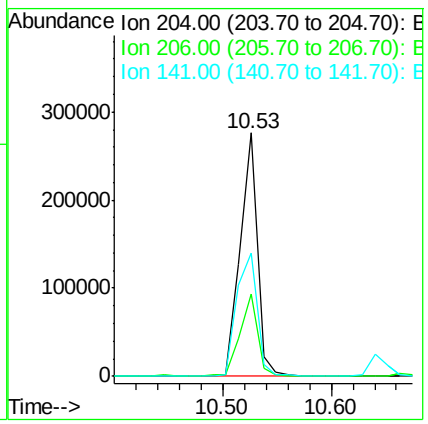




#60
4-Chlorophenyl-phenylether
Concen: 49.95 ng
RT: 10.53 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:204 Resp: 298717

Ion	Ratio	Lower	Upper
204	100		
206	34.0	24.8	37.2
141	50.5	42.2	63.4



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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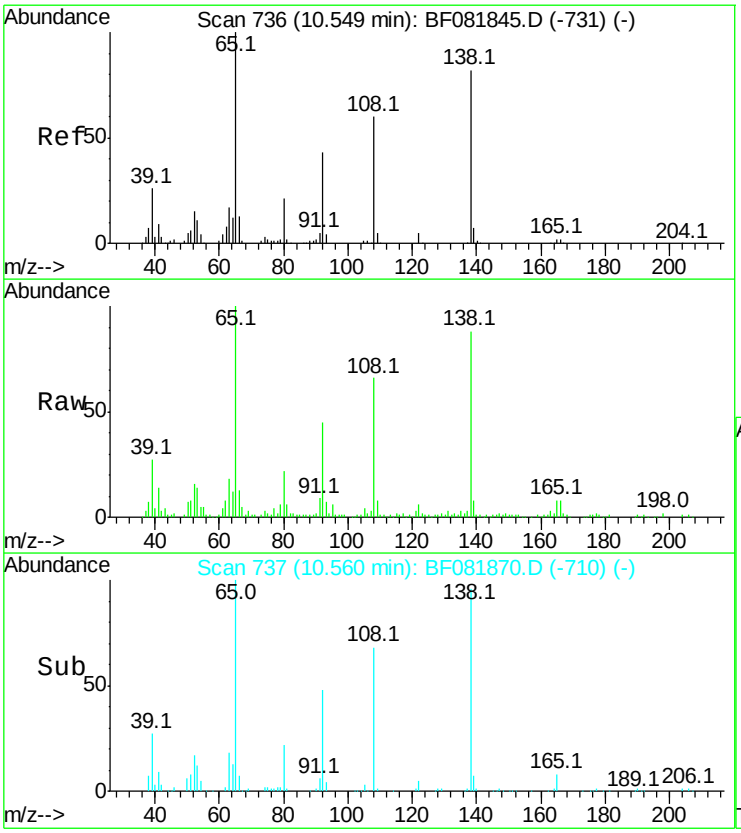
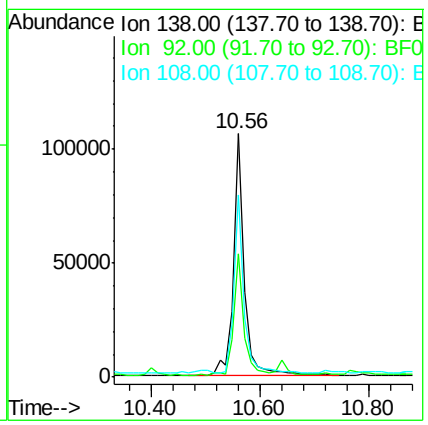
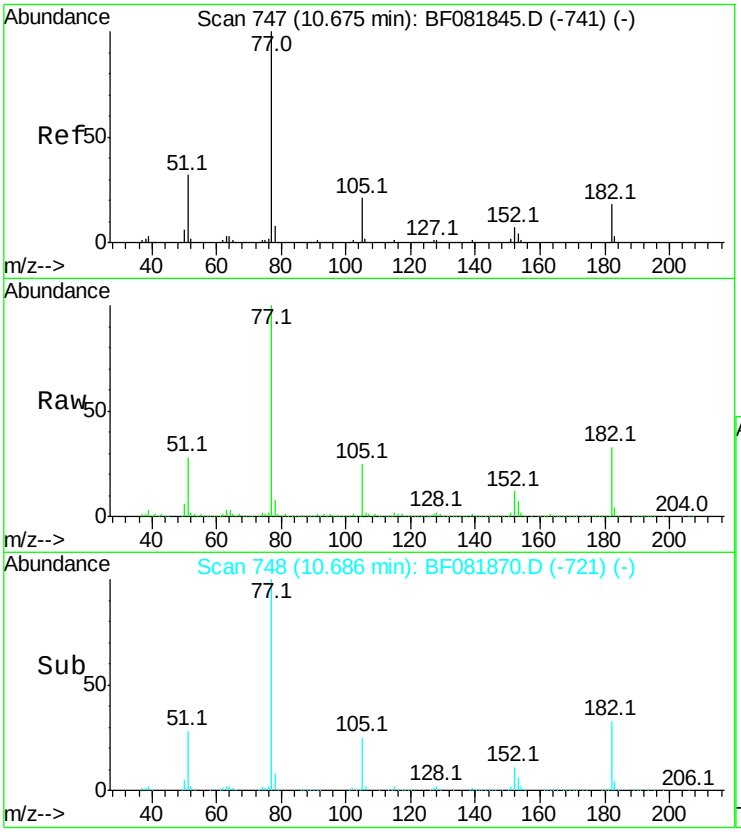


#61
4-Nitroaniline
Concen: 41.09 ng
RT: 10.56 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:138 Resp: 143402

Ion	Ratio	Lower	Upper
138	100		
92	50.8	12.6	52.6
108	74.8	12.4	52.4#

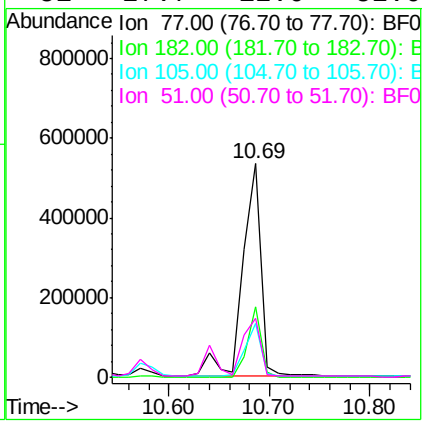




#62
Azobenzene
Concen: 53.13 ng
RT: 10.69 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion: 77 Resp: 671210

Ion	Ratio	Lower	Upper
77	100		
182	32.7	15.1	55.1
105	24.9	3.4	43.4
51	27.7	12.0	52.0



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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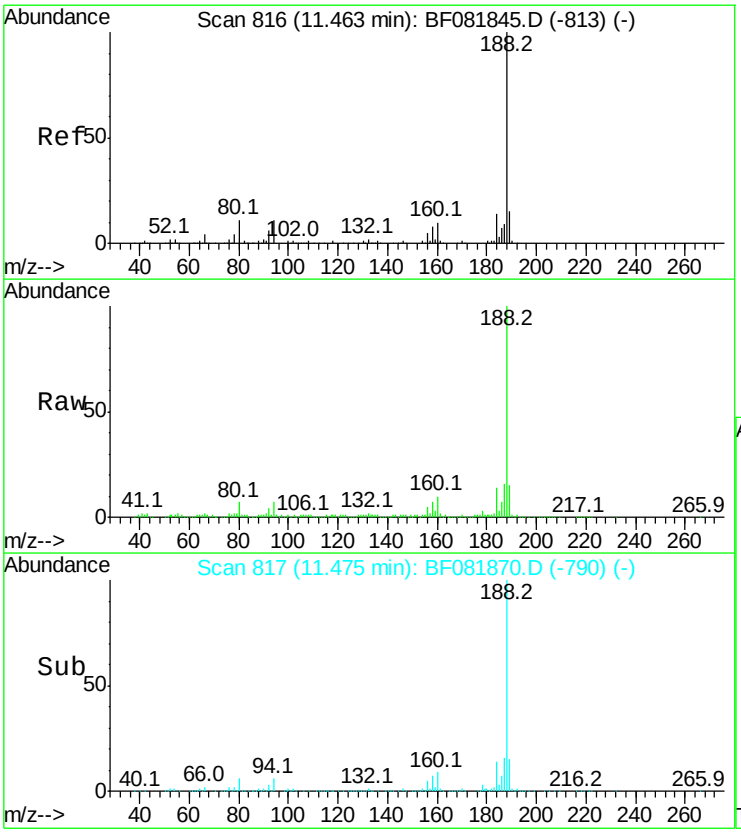
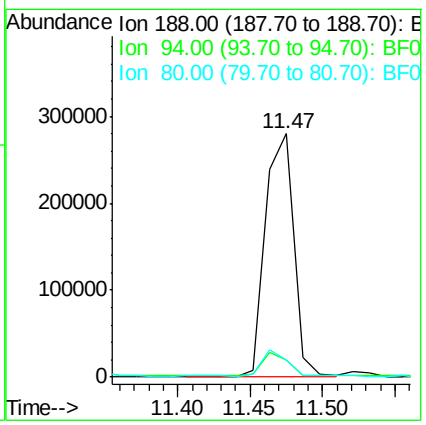
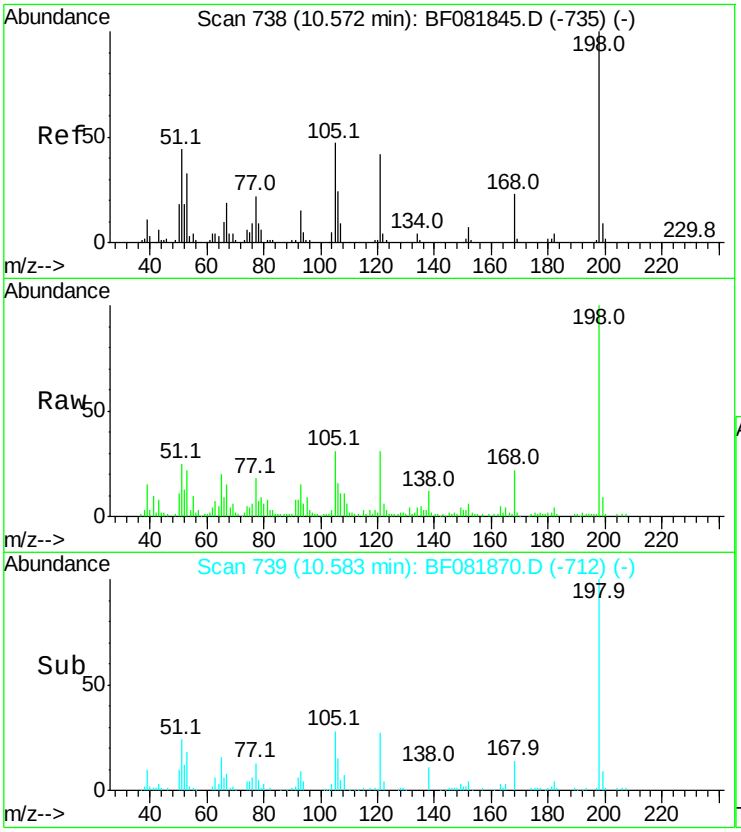


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:188 Resp: 379467

Ion	Ratio	Lower	Upper
188	100		
94	6.8	11.1	16.7#
80	6.8	11.0	16.4#

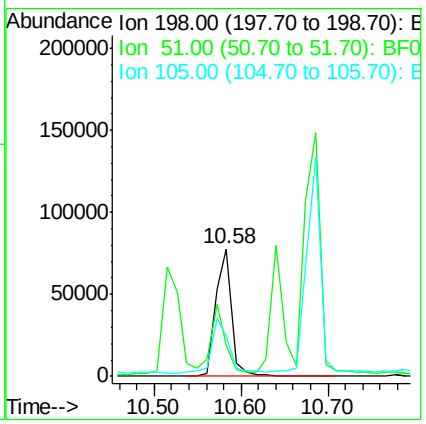




#64
4,6-Dinitro-2-methylphenol
Concen: 56.68 ng
RT: 10.58 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:198 Resp: 101753

Ion	Ratio	Lower	Upper
198	100		
51	24.9	39.6	79.6#
105	31.5	28.5	68.5



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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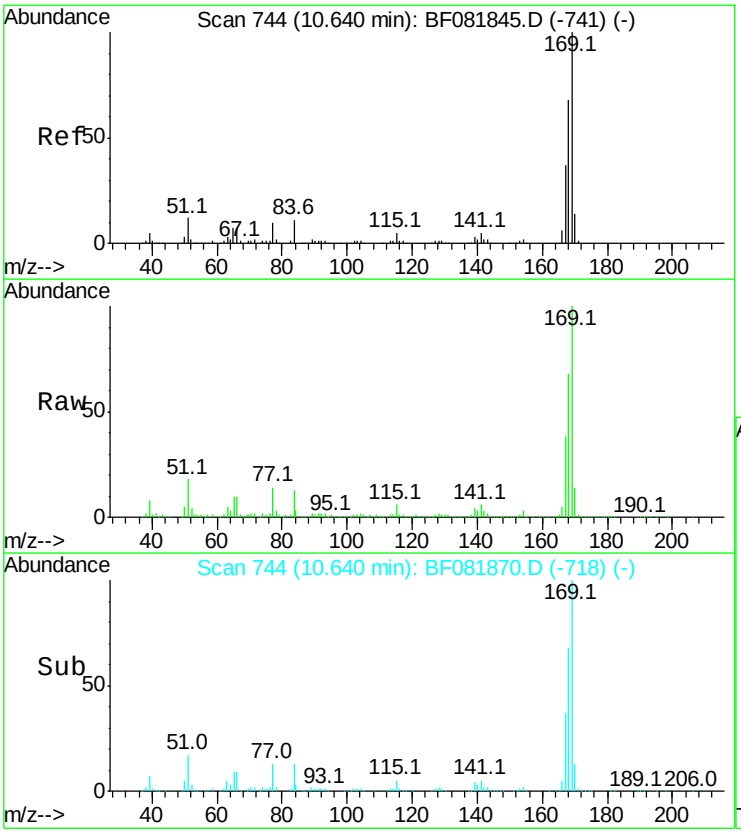
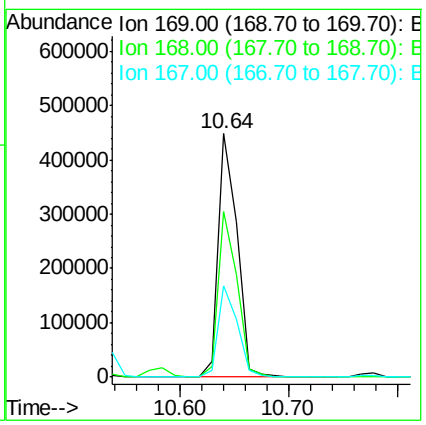
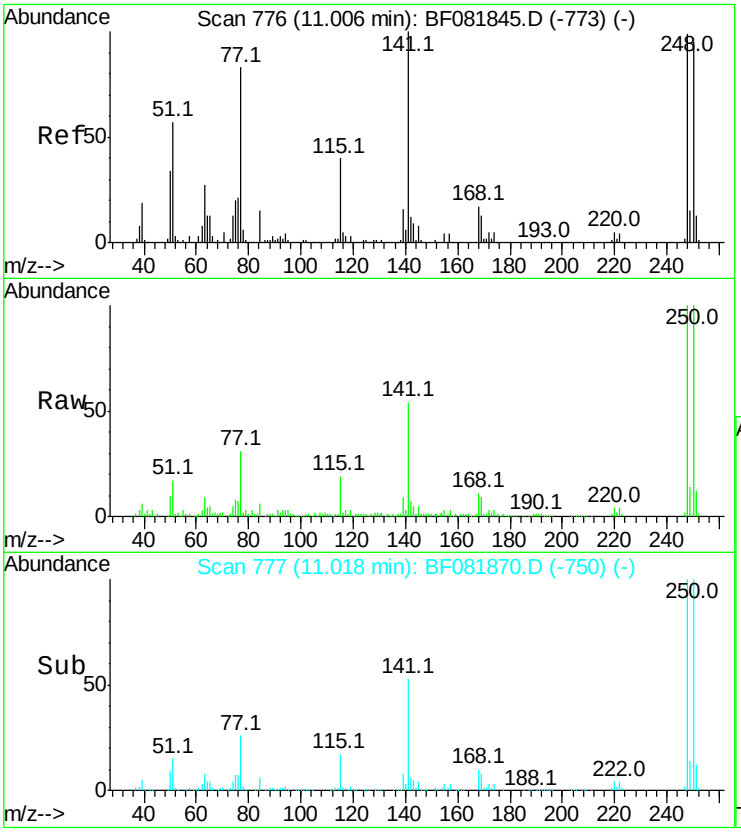


#65
n-Nitrosodiphenylamine
Concen: 46.87 ng
RT: 10.64 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:169 Resp: 538157

Ion	Ratio	Lower	Upper
169	100		
168	68.0	48.9	73.3
167	37.6	26.2	39.4

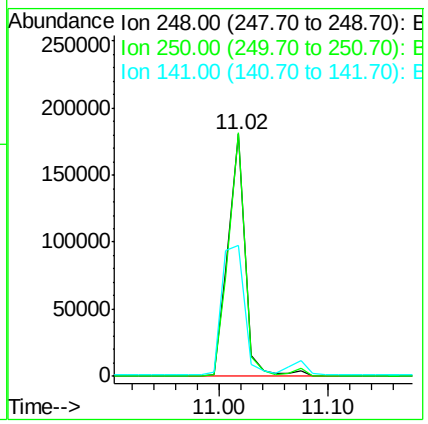




#66
4-Bromophenyl-phenylether
Concen: 51.66 ng
RT: 11.02 min Scan# 777
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:248 Resp: 197662

Ion	Ratio	Lower	Upper
248	100		
250	100.5	78.5	117.7
141	53.9	59.0	88.6#



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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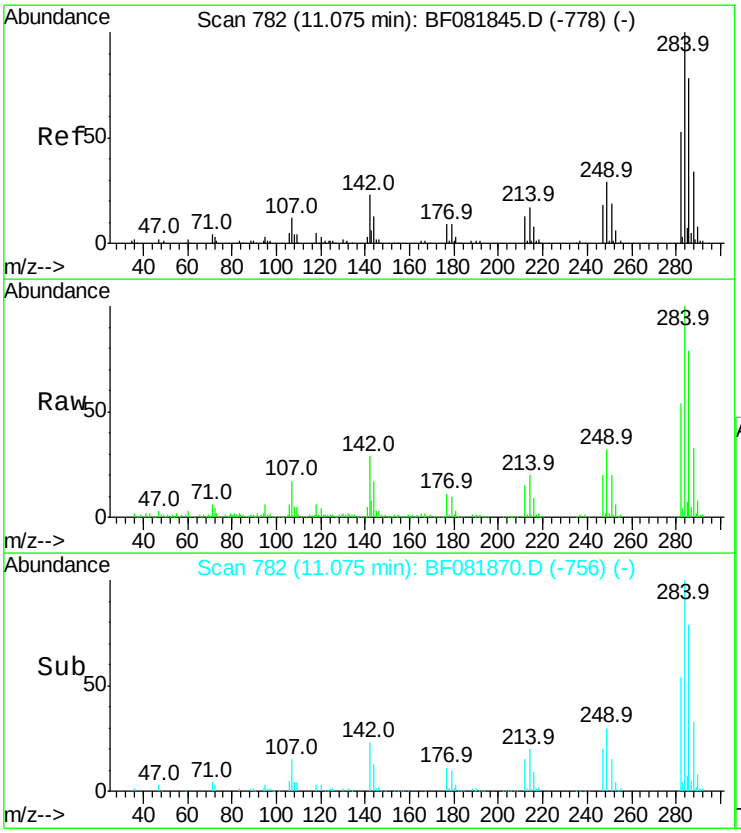
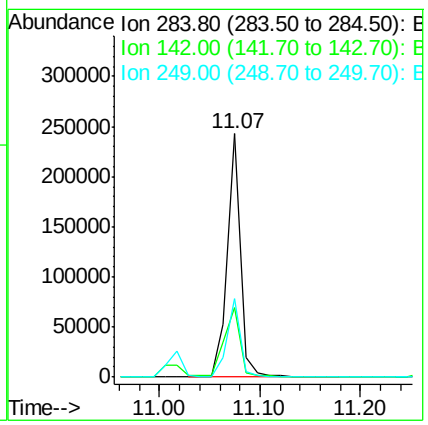
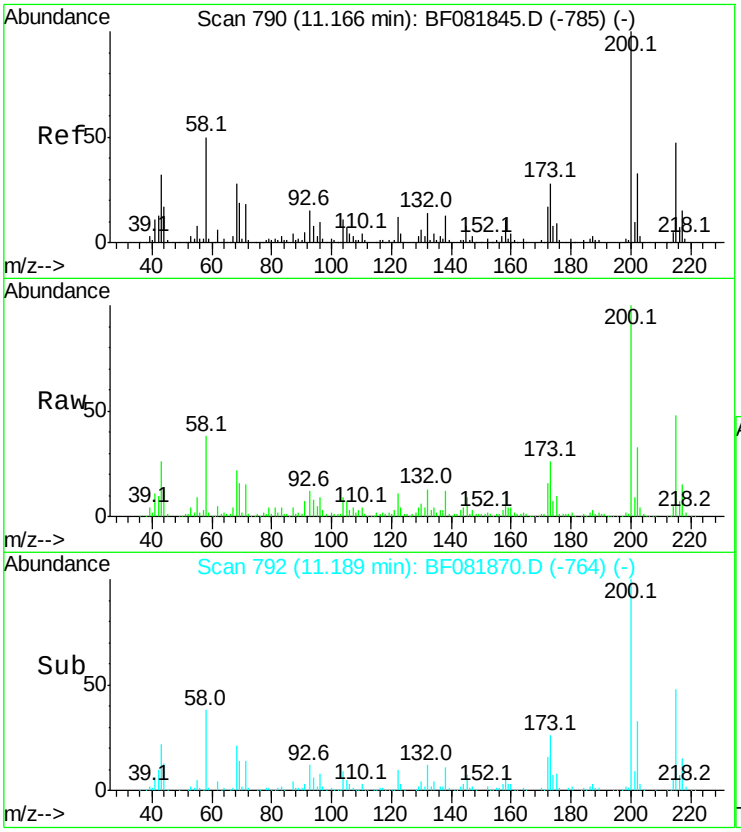


#67
Hexachlorobenzene
Concen: 51.45 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:284 Resp: 222178

Ion	Ratio	Lower	Upper
284	100		
142	28.8	29.5	44.3#
249	32.0	19.5	29.3#

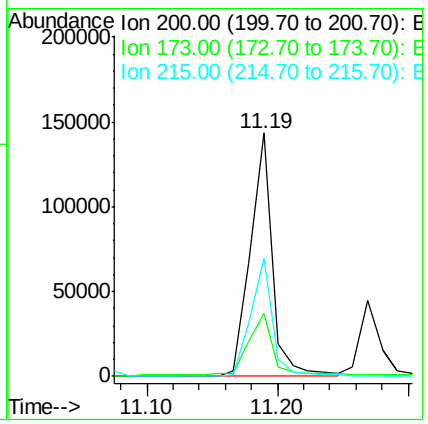




#68
Atrazine
Concen: 47.45 ng
RT: 11.19 min Scan# 792
Delta R.T. 0.02 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:200 Resp: 169015

Ion	Ratio	Lower	Upper
200	100		
173	26.0	13.2	53.2
215	48.4	41.8	81.8



Instrument :
BNA_F
ClientSampleId :
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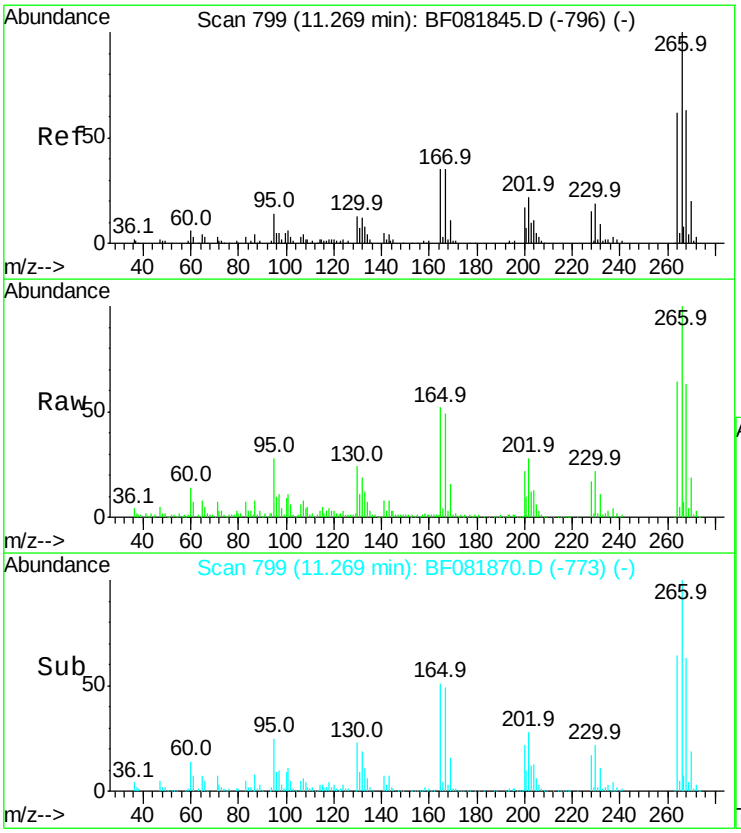
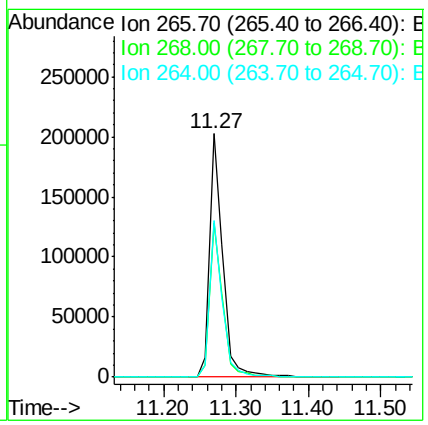
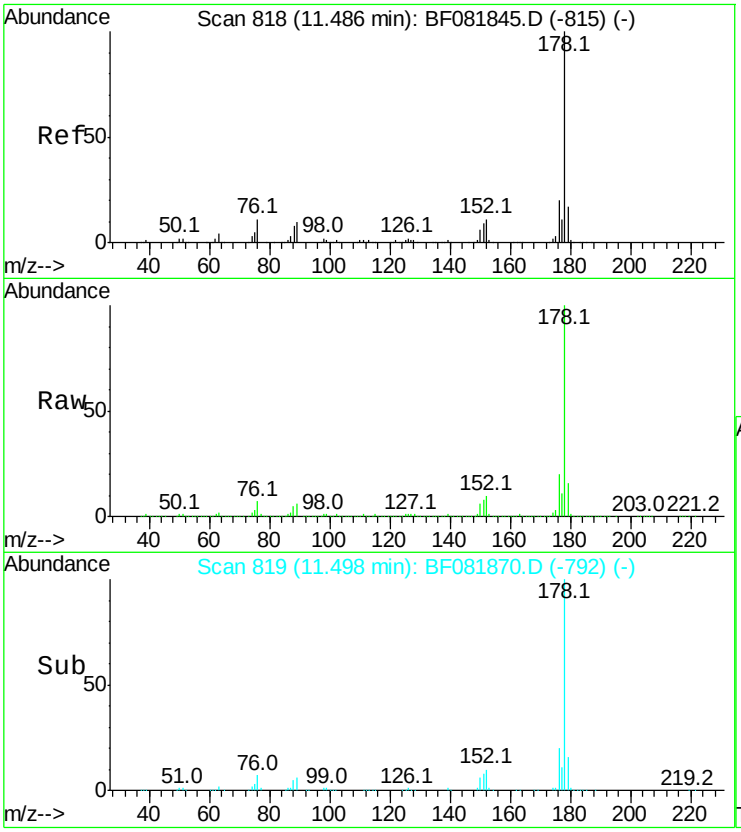


#69
Pentachlorophenol
Concen: 103.64 ng
RT: 11.27 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:266 Resp: 255002

Ion	Ratio	Lower	Upper
266	100		
268	63.2	49.8	74.6
264	64.2	50.2	75.2

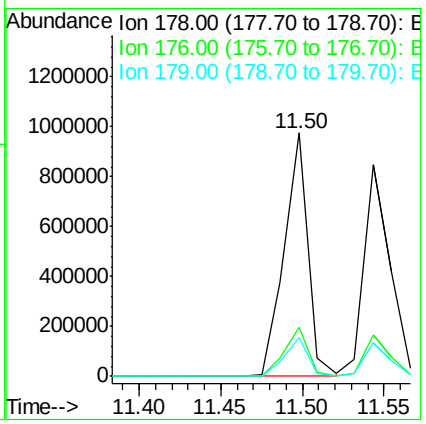




#70
Phenanthrene
Concen: 54.61 ng
RT: 11.50 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:178 Resp: 990743

Ion	Ratio	Lower	Upper
178	100		
176	20.1	13.8	20.8
179	15.9	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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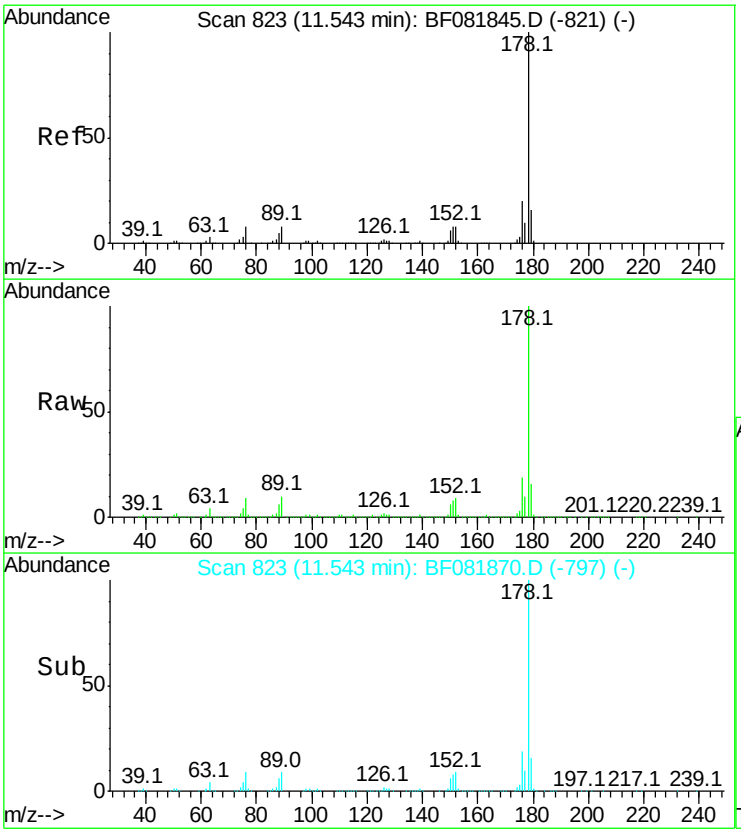
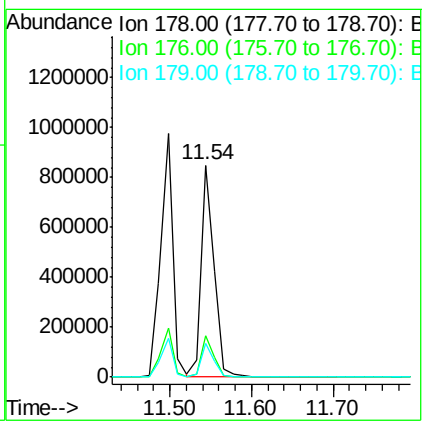
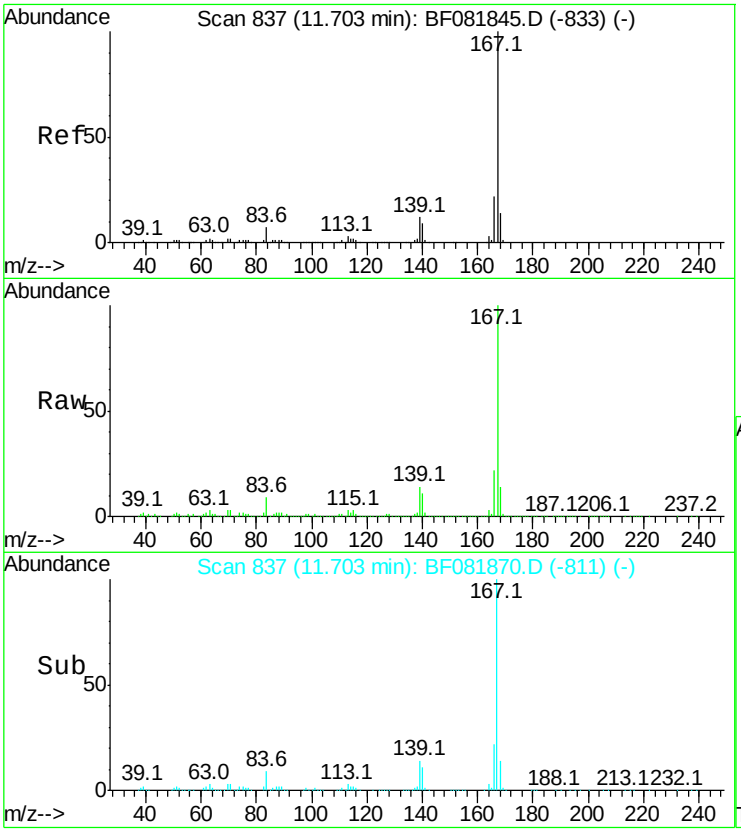


#71
Anthracene
Concen: 49.53 ng
RT: 11.54 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:178 Resp: 955244

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.1	21.1
179	16.2	12.2	18.2

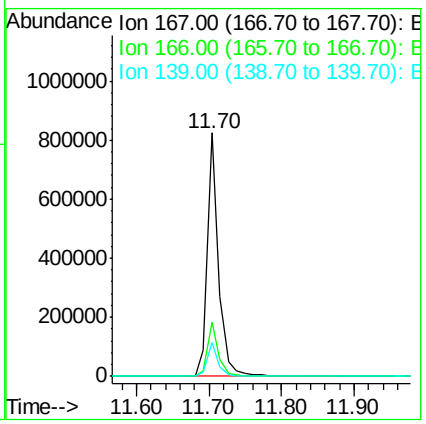




#72
Carbazole
Concen: 50.07 ng
RT: 11.70 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:167 Resp: 874063

Ion	Ratio	Lower	Upper
167	100		
166	22.2	15.7	23.5
139	14.0	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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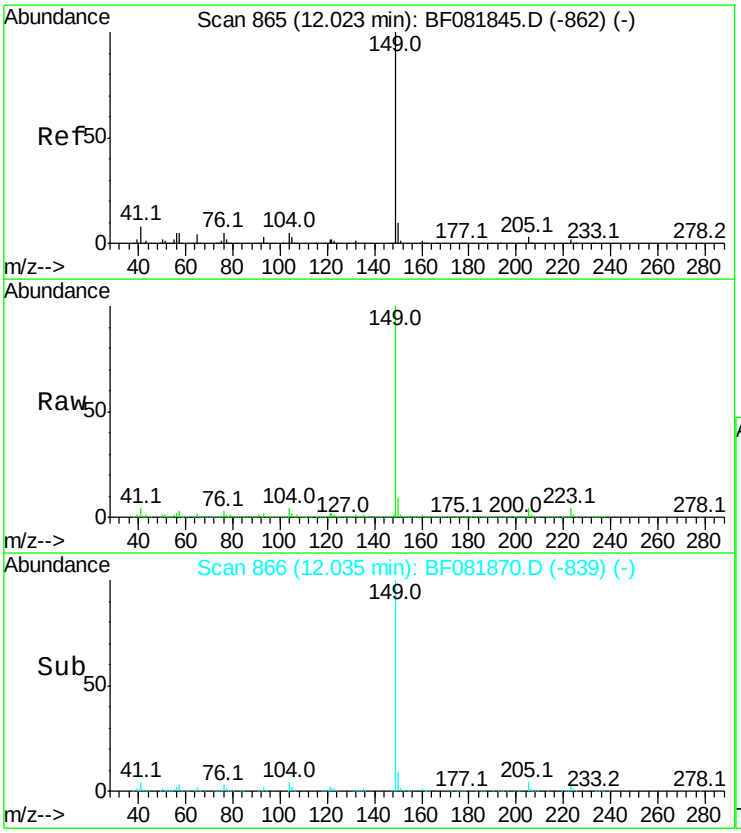
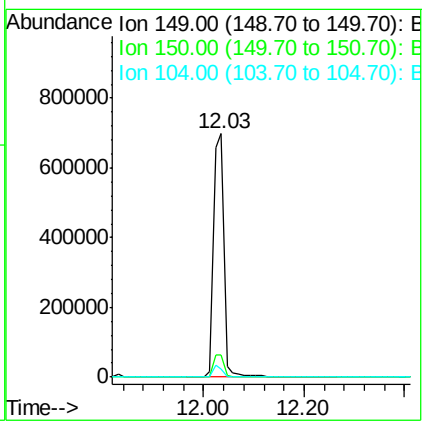
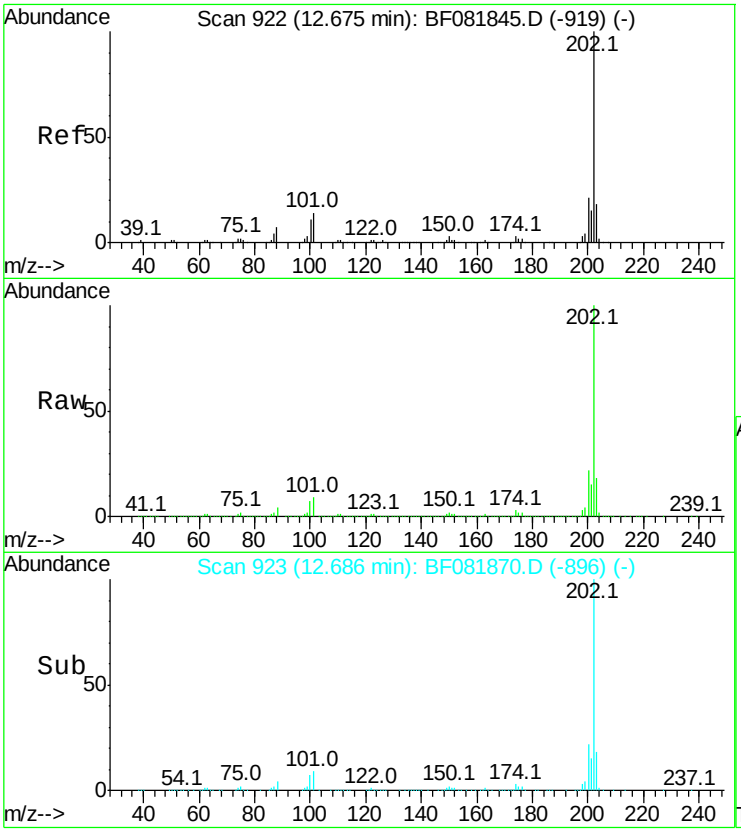


#73
Di-n-butylphthalate
Concen: 55.70 ng
RT: 12.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:149 Resp: 984579

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	3.6	2.4	3.6

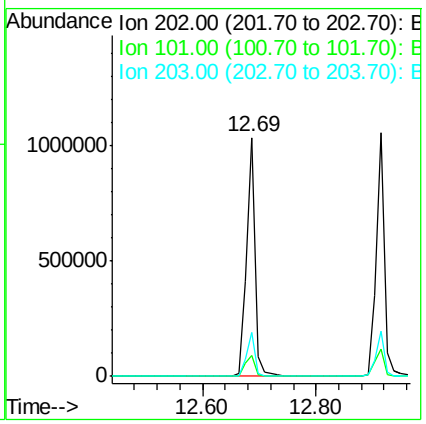




#74
Fluoranthene
Concen: 53.51 ng
RT: 12.69 min Scan# 923
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:202 Resp: 1087826

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	38.3
203	18.3	0.0	37.3



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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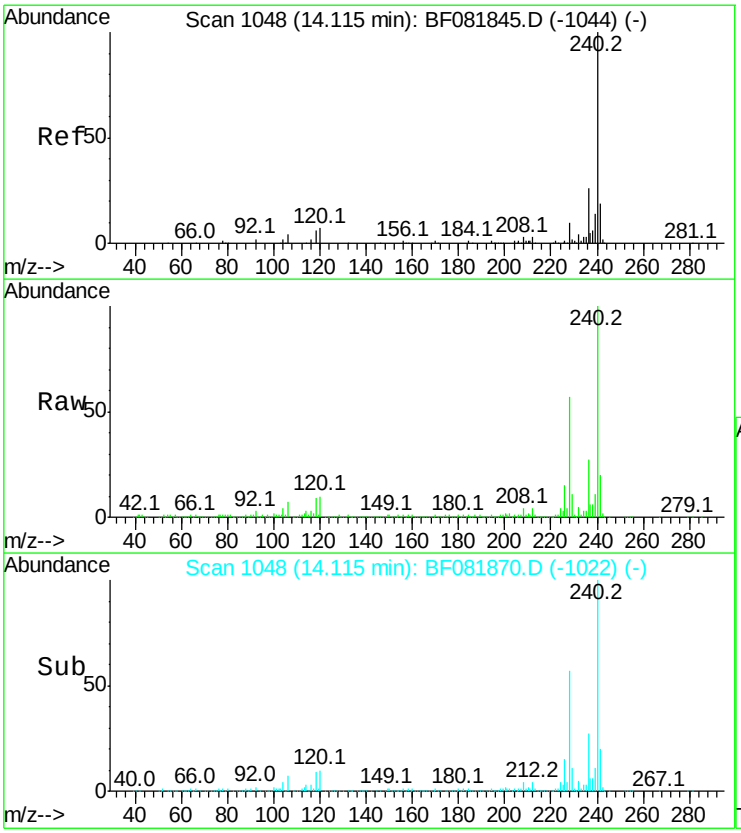
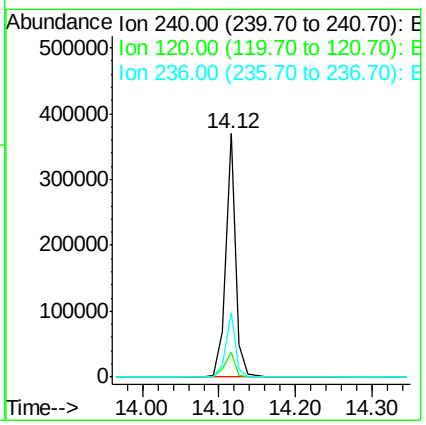
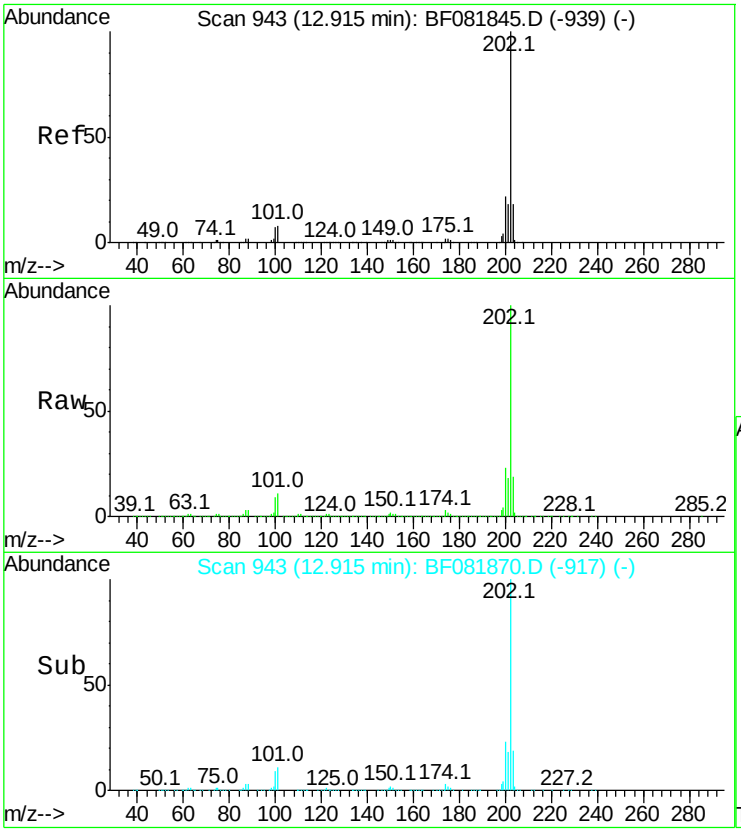


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:240 Resp: 343913

Ion	Ratio	Lower	Upper
240	100		
120	10.0	16.2	24.2#
236	26.6	18.4	27.6

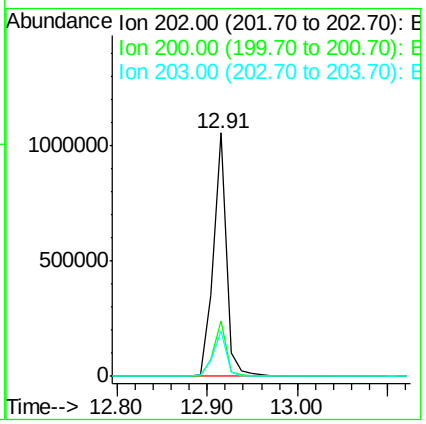




#77
Pyrene
Concen: 52.28 ng m
RT: 12.91 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:202 Resp: 1074161

Ion	Ratio	Lower	Upper
202	100		
200	22.8	15.0	22.4#
203	18.7	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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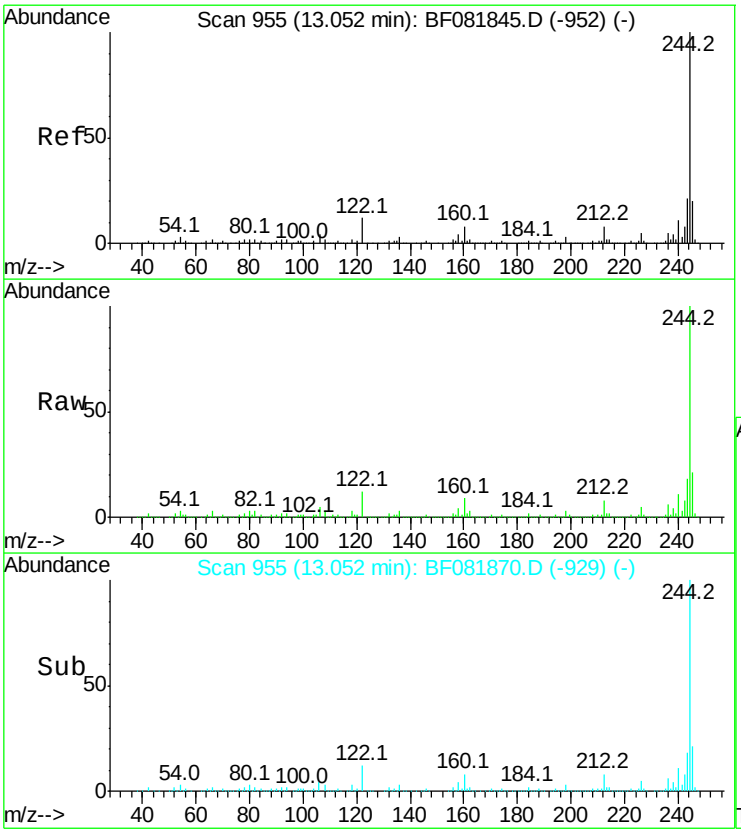
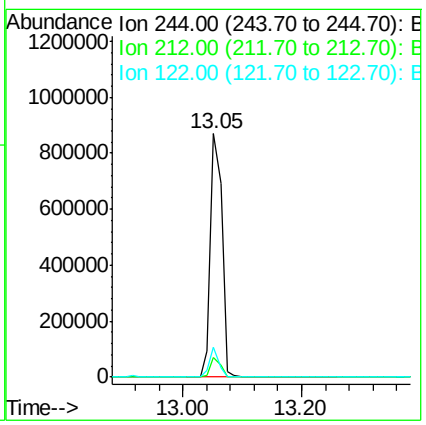
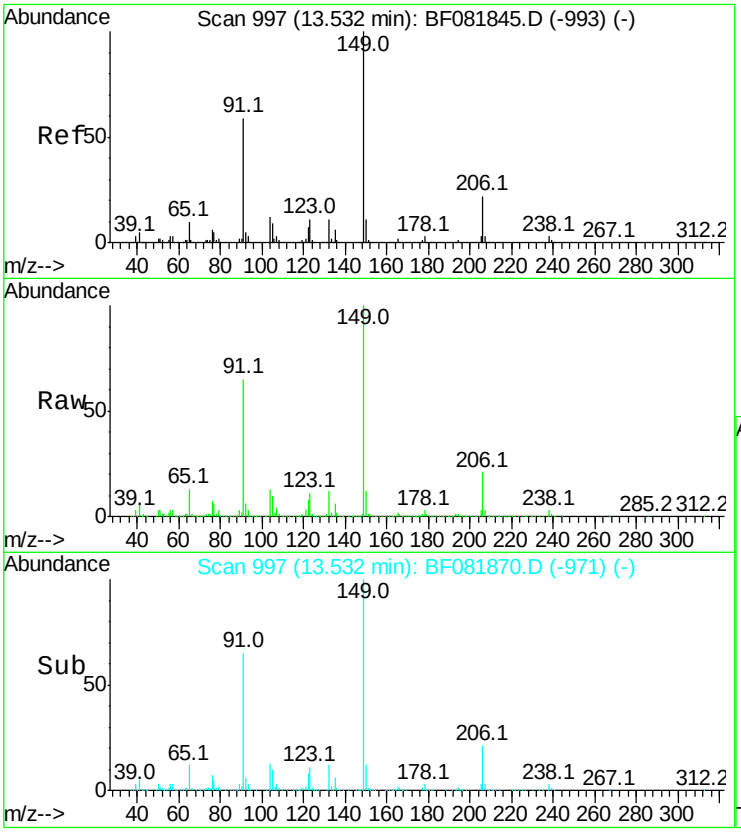


#78
Terphenyl-d14
Concen: 126.02 ng
RT: 13.05 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:244 Resp: 1168514

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.3	6.5#
122	12.4	17.4	26.2#

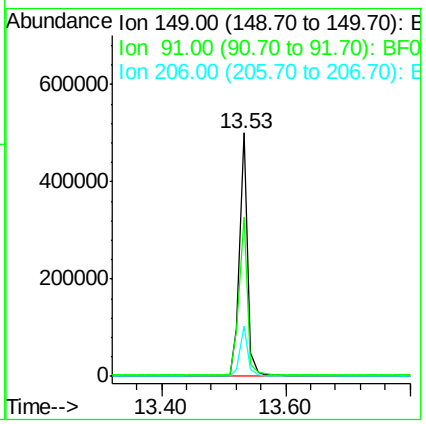




#79
Butylbenzylphthalate
Concen: 58.69 ng
RT: 13.53 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:149 Resp: 453728

Ion	Ratio	Lower	Upper
149	100		
91	65.5	48.6	72.8
206	20.8	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
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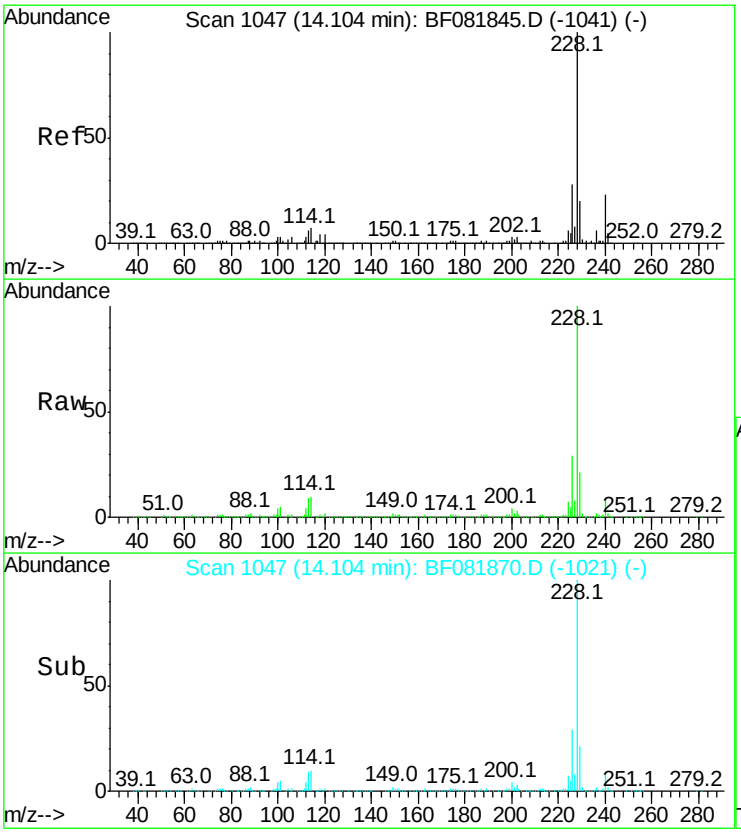
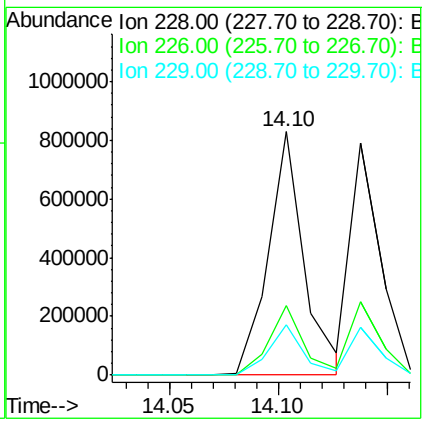
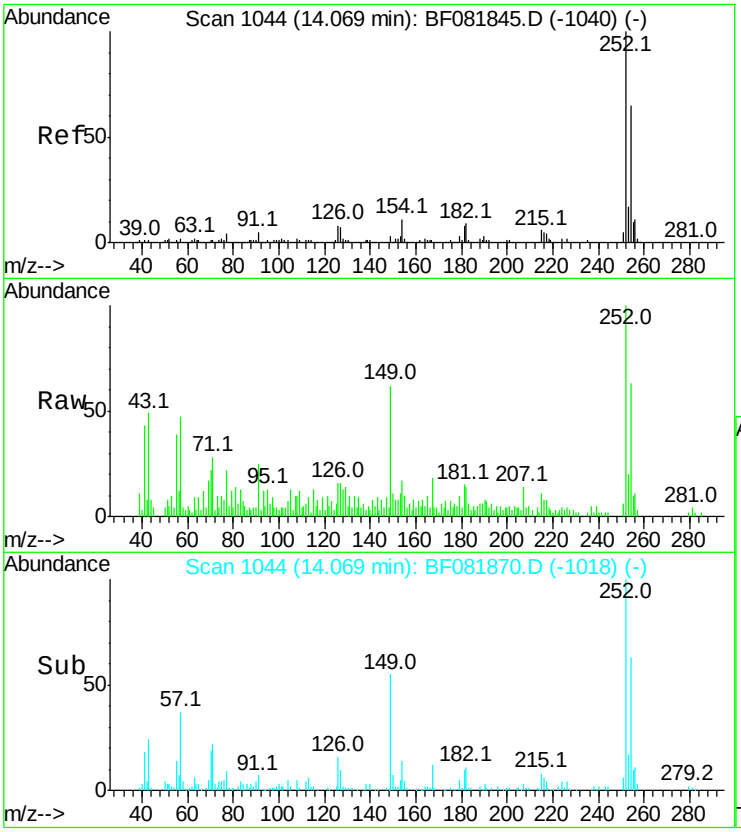


#80
Benzo(a)anthracene
Concen: 51.39 ng
RT: 14.10 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:228 Resp: 951743

Ion	Ratio	Lower	Upper
228	100		
226	28.8	20.0	30.0
229	20.7	15.4	23.2

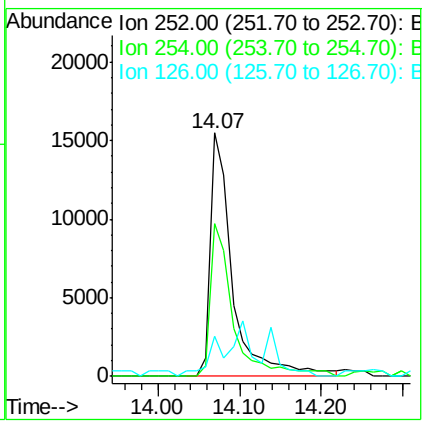




#81
3,3'-Dichlorobenzidine
Concen: 4.72 ng
RT: 14.07 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:252 Resp: 29543

Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.4	77.2
126	16.5	16.4	24.6



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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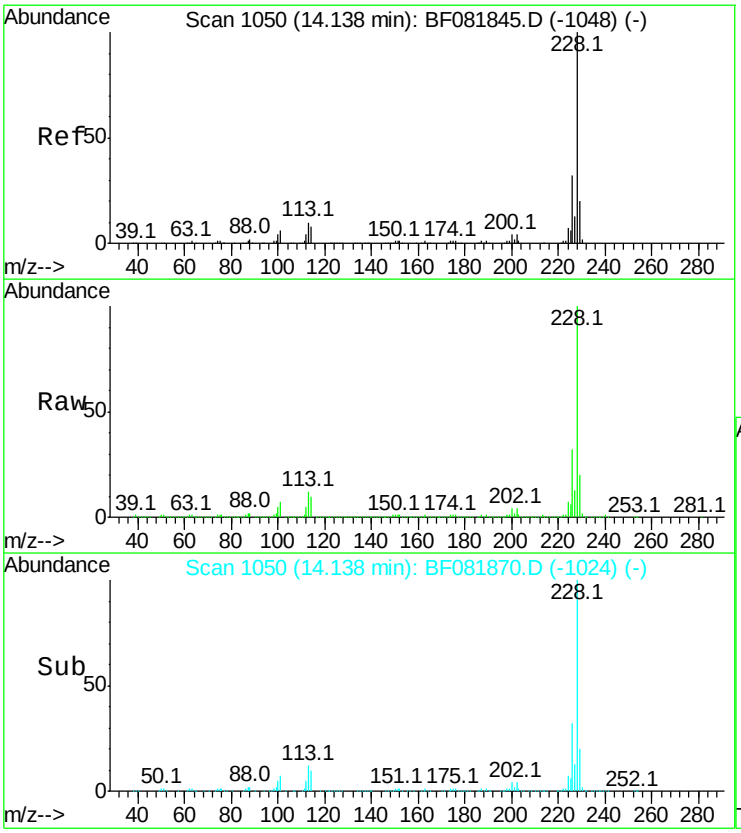
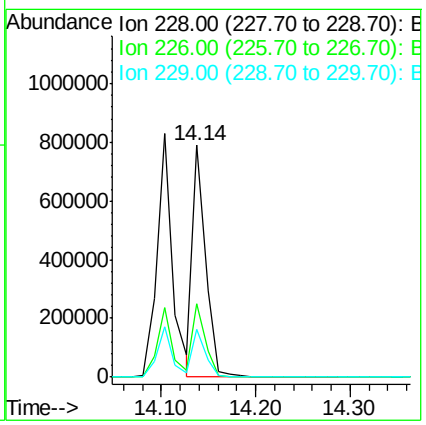
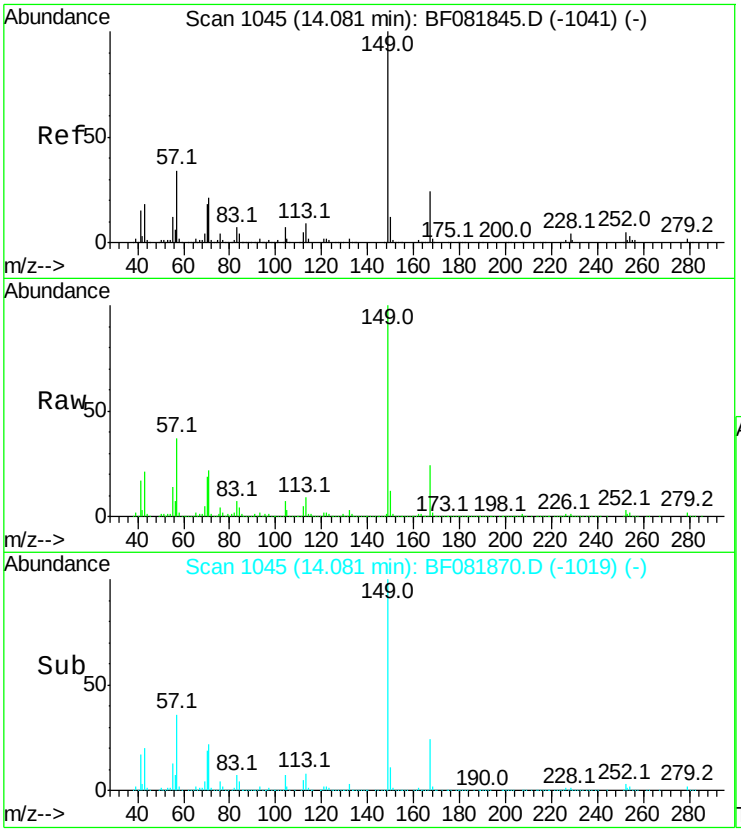


#82
Chrysene
Concen: 52.42 ng m
RT: 14.14 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:228 Resp: 775096

Ion	Ratio	Lower	Upper
228	100		
226	31.8	21.0	31.4#
229	20.4	15.6	23.4

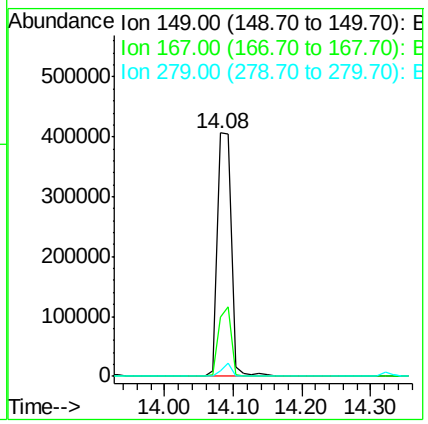




#83
Bis(2-ethylhexyl)phthalate
Concen: 59.77 ng
RT: 14.08 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:149 Resp: 579620

Ion	Ratio	Lower	Upper
149	100		
167	24.3	24.2	36.2
279	2.0	3.8	5.6#



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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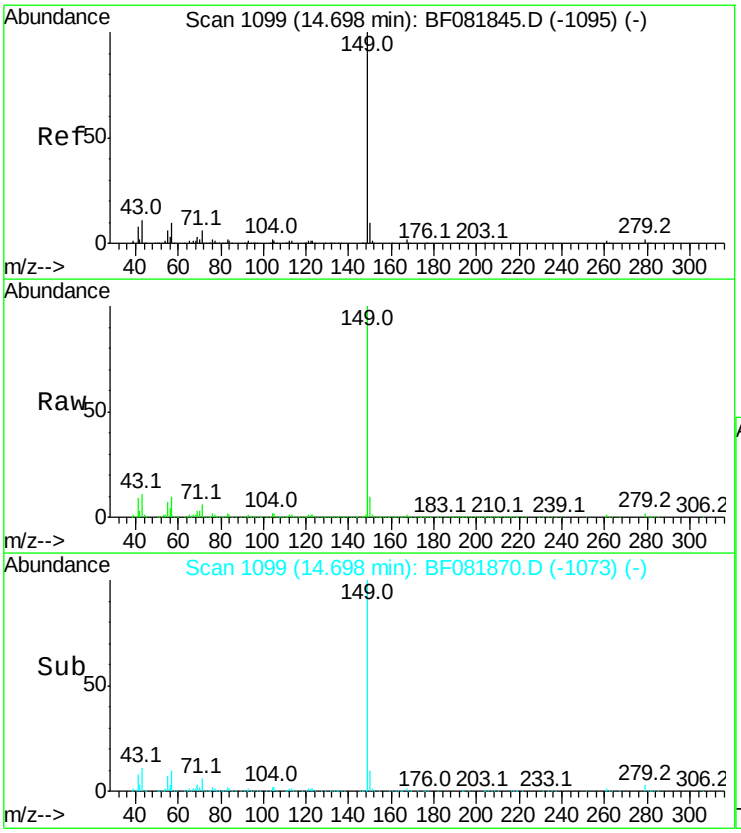
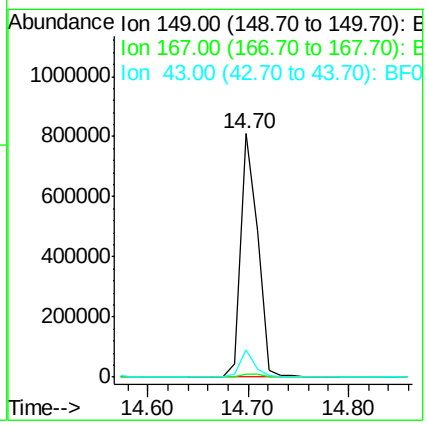
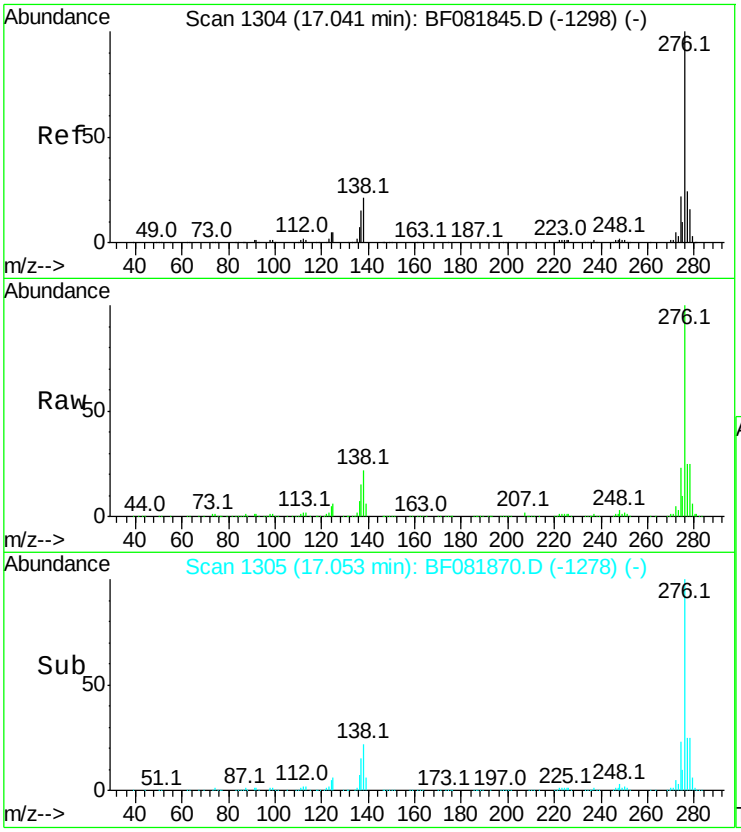


#84
Di-n-octyl phthalate
Concen: 59.84 ng
RT: 14.70 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:149 Resp: 944370

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.0	1.6
43	9.3	10.2	15.2#

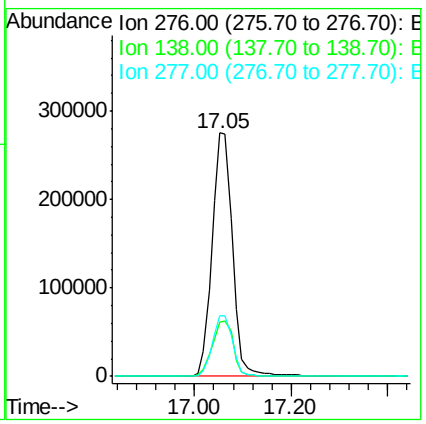




#85
Indeno(1,2,3-cd)pyrene
Concen: 56.38 ng
RT: 17.05 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:276 Resp: 816816

Ion	Ratio	Lower	Upper
276	100		
138	23.7	25.7	38.5#
277	24.9	15.6	23.4#



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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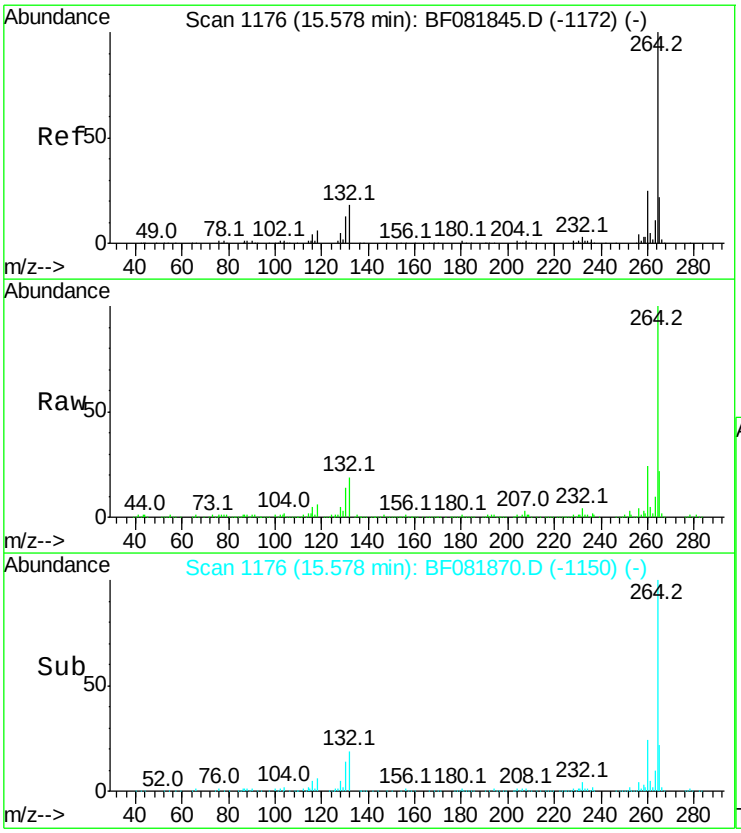
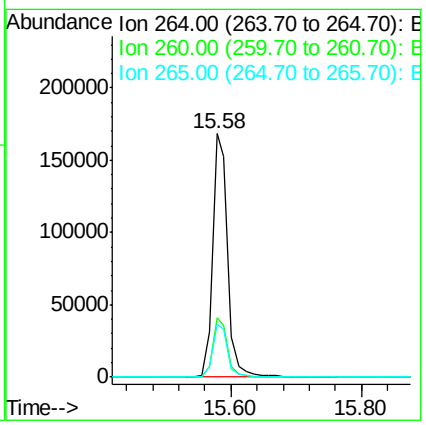
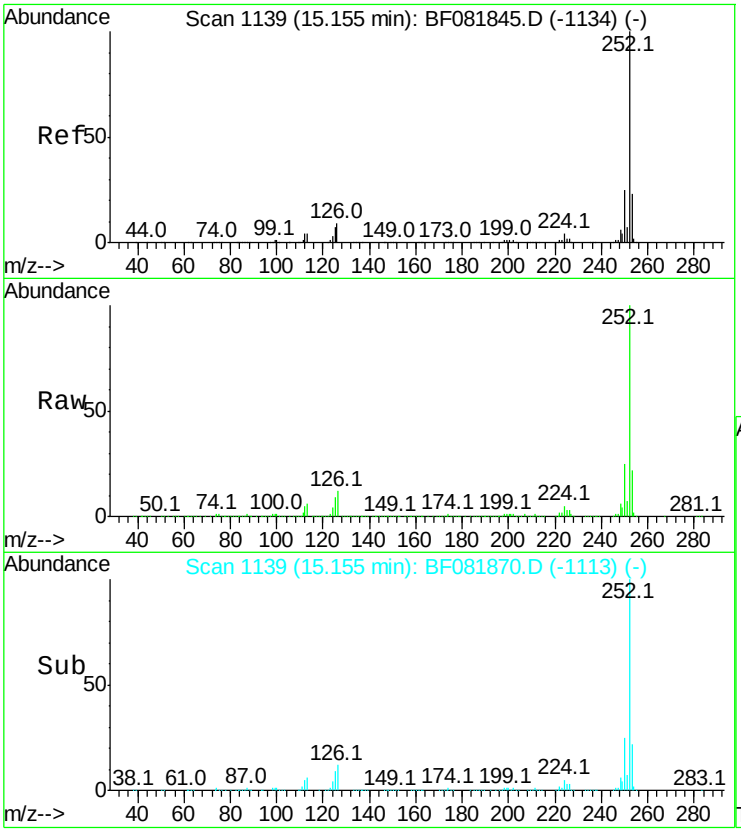


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:264 Resp: 274279

Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	21.6	17.2	25.8

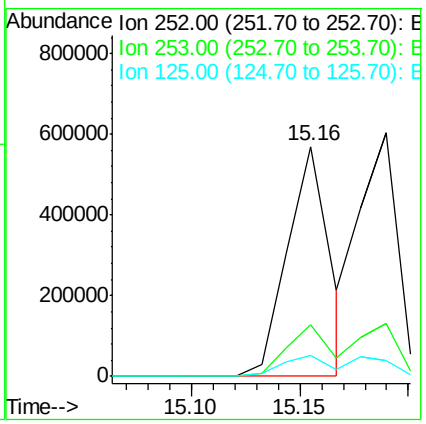




#87
Benzo(b)fluoranthene
Concen: 49.09 ng
RT: 15.16 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:252 Resp: 768659

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	8.8	17.1	25.7#



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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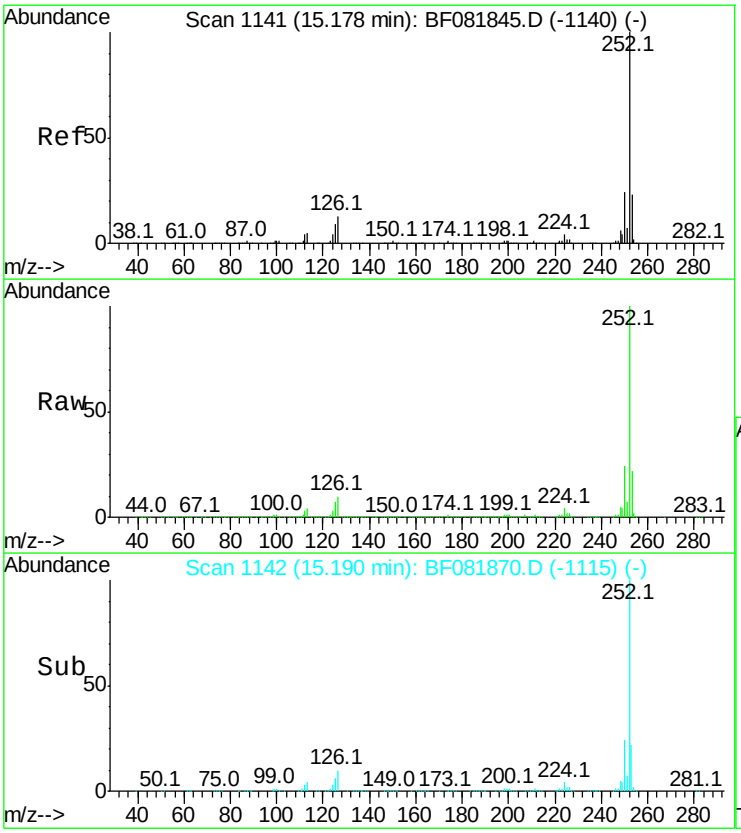
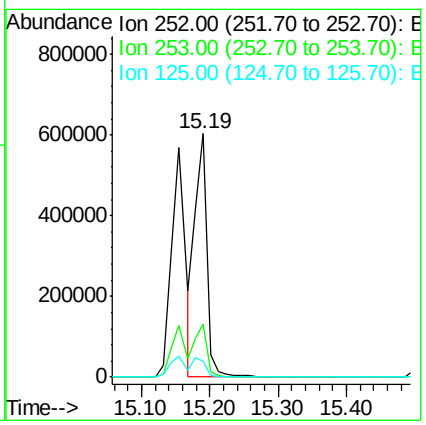
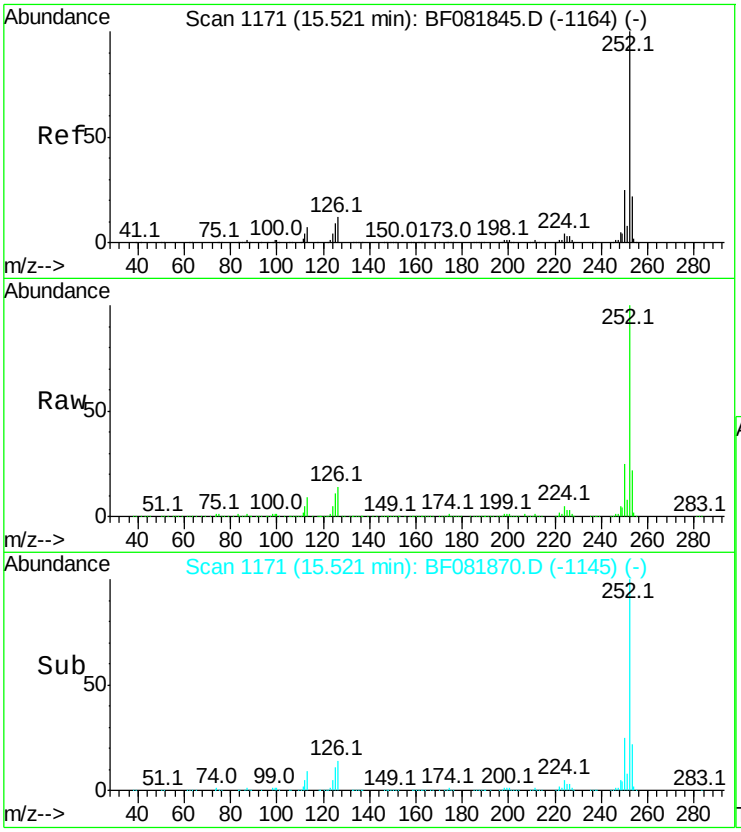


#88
Benzo(k)fluoranthene
Concen: 53.62 ng m
RT: 15.19 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:252 Resp: 769634

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.4
125	6.5	16.0	24.0#

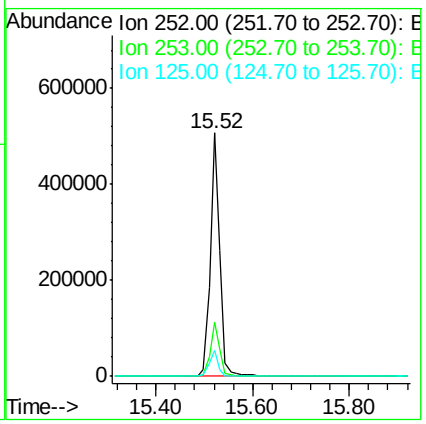




#89
Benzo(a)pyrene
Concen: 52.03 ng
RT: 15.52 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:252 Resp: 706767

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	10.6	18.0	27.0#



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

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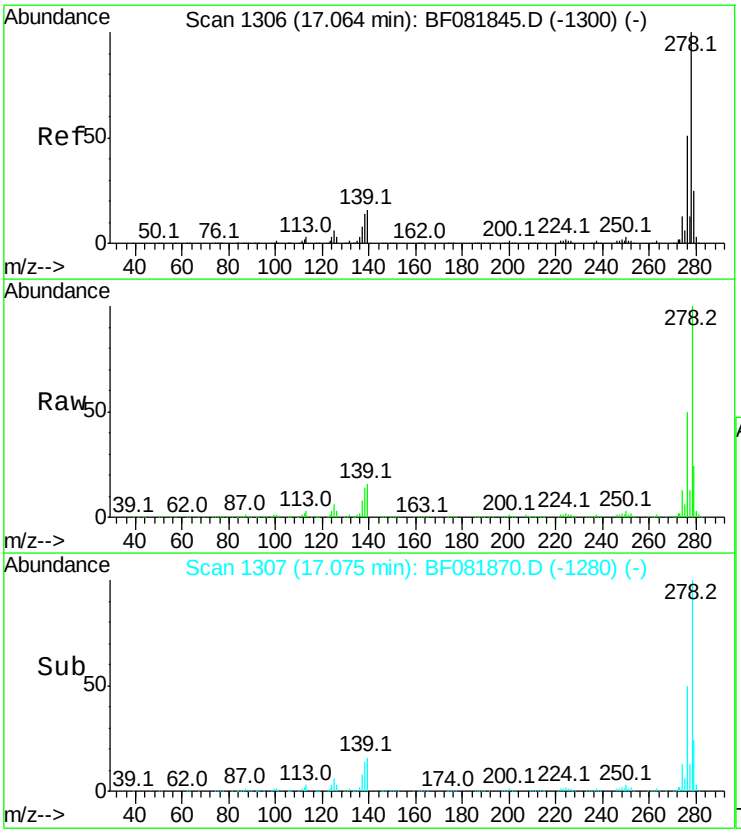
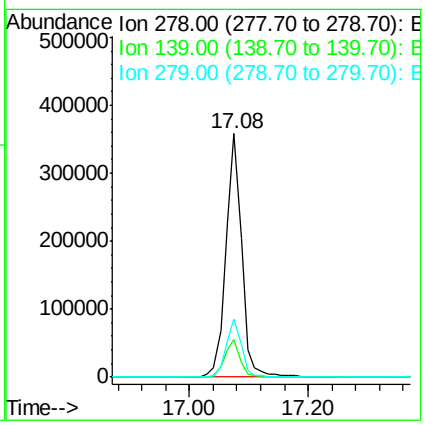
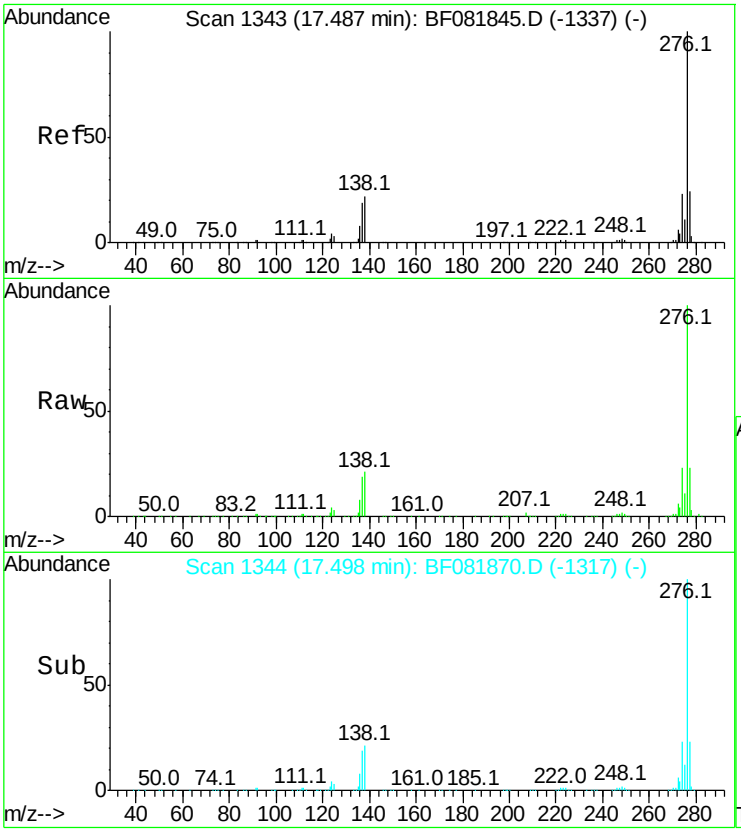


#90
Dibenzo(a,h)anthracene
Concen: 57.92 ng
RT: 17.08 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:278 Resp: 660064

Ion	Ratio	Lower	Upper
278	100		
139	15.5	26.3	39.5#
279	24.1	18.2	27.4

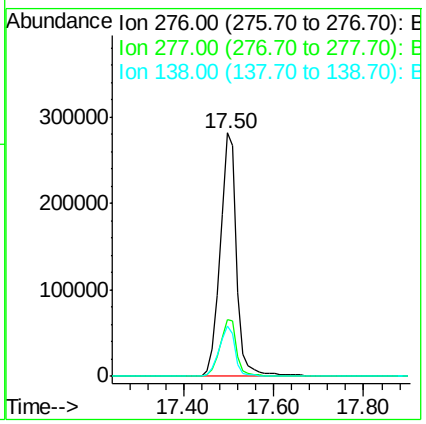




#91
Benzo(g,h,i)perylene
Concen: 60.56 ng
RT: 17.50 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF081870.D
Acq: 29 Sep 2015 7:04

Tgt Ion:276 Resp: 707295

Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.8	26.6
138	20.9	34.6	51.8#



Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

Manual Integrations APPROVED

MMDadoda

9/29/2015 12:11:15 PM