Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082451.D
Acq On : 22 Oct 2015 18:09
Operator : UM/IZ
Sample : PB86210BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86210BS

Manual Integrations APPROVED
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10/23/2015 4:45:14 PM

Quant Time: Oct 23 02:06:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 01:26:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	103786	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	414677	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	214972	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	421026	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	409585	20.00	ng		-0.01
86) Perylene-d12	15.51	264	328730	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	360625	70.13	ng		0.01
7) Phenol-d6	6.41	99	447551	66.88	ng		-0.01
23) Nitrobenzene-d5	7.34	82	429826	69.61	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	115840	57.46	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	821071	63.34	ng		-0.01
78) Terphenyl-d14	12.89	244	976574	63.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	68732	26.60	ng		97
3) Pyridine	3.06	79	171649	28.56	ng		98
4) n-Nitrosodimethylamine	3.03	42	76749	30.11	ng		95
6) Aniline	6.42	93	113391	13.14	ng	#	12
8) 2-Chlorophenol	6.55	128	210584	33.54	ng		90
9) Benzaldehyde	6.31	77	81226	23.77	ng		96
10) Phenol	6.43	94	233657	30.28	ng		91
11) bis(2-Chloroethyl)ether	6.50	93	183617	28.14	ng		99
12) 1,3-Dichlorobenzene	6.70	146	232223	31.76	ng		99
13) 1,4-Dichlorobenzene	6.78	146	240409	31.49	ng		99
14) 1,2-Dichlorobenzene	6.93	146	212900	29.37	ng		98
15) Benzyl Alcohol	6.91	79	160119	34.66	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.04	45	283884	31.24	ng	#	8
17) 2-Methylphenol	7.04	107	164304	33.10	ng	#	92
18) Hexachloroethane	7.27	117	81399	31.15	ng		98
19) n-Nitroso-di-n-propylamine	7.19	70	142935	30.41	ng		99
20) 3+4-Methylphenols	7.20	107	213218	36.04	ng	#	58
22) Acetophenone	7.18	105	278523	33.95	ng	#	89
24) Nitrobenzene	7.35	77	195042	29.18	ng		99
25) Isophorone	7.59	82	379794	30.47	ng		98
26) 2-Nitrophenol	7.67	139	109074	32.68	ng	#	88
27) 2,4-Dimethylphenol	7.73	122	175253	32.59	ng		91
28) bis(2-Chloroethoxy)methane	7.81	93	232612	32.08	ng		97
29) 2,4-Dichlorophenol	7.92	162	193439	35.99	ng		99
30) 1,2,4-Trichlorobenzene	7.99	180	188340	30.40	ng		99
31) Naphthalene	8.07	128	564642	31.41	ng		100
32) Benzoic acid	7.86	122	112383	31.14	ng		98
33) 4-Chloroaniline	8.14	127	69456	9.30	ng		96
34) Hexachlorobutadiene	8.18	225	110695	28.67	ng		99
35) Caprolactam	8.51	113	58877	37.74	ng		96
36) 4-Chloro-3-methylphenol	8.63	107	180899	34.42	ng		99
37) 2-Methylnaphthalene	8.77	142	418222	33.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	199400	31.18	ng		98
40) Hexachlorocyclopentadiene	8.91	237	111872	39.29	ng		97

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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Quant Time: Oct 23 02:06:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 01:26:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	122777	28.91	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	140426	30.52	ng	#	88
45) 1,1'-Biphenyl	9.23	154	538471	32.85	ng		97
46) 2-Chloronaphthalene	9.26	162	407594	31.59	ng		95
47) 2-Nitroaniline	9.36	65	114808	32.41	ng		99
48) Acenaphthylene	9.67	152	617683	30.73	ng		99
49) Dimethylphthalate	9.54	163	510698	33.74	ng		99
50) 2,6-Dinitrotoluene	9.61	165	104750	32.79	ng	#	78
51) Acenaphthene	9.84	154	363001	30.08	ng		99
52) 3-Nitroaniline	9.77	138	48454	13.43	ng	#	73
53) 2,4-Dinitrophenol	9.89	184	71264	43.13	ng	#	80
54) Dibenzofuran	10.01	168	563831	34.03	ng		96
55) 4-Nitrophenol	9.97	139	117283	54.04	ng		99
56) 2,4-Dinitrotoluene	10.01	165	144735	36.25	ng		94
57) Fluorene	10.35	166	442137	32.49	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	111735	29.73	ng		98
59) Diethylphthalate	10.24	149	507060	35.94	ng		100
60) 4-Chlorophenyl-phenylether	10.35	204	223892	35.92	ng		88
61) 4-Nitroaniline	10.40	138	109735	31.36	ng		97
62) Azobenzene	10.51	77	480639	34.80	ng		91
64) 4,6-Dinitro-2-methylphenol	10.42	198	72347	30.62	ng		99
65) n-Nitrosodiphenylamine	10.48	169	410034	32.53	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	133587	31.70	ng	#	84
67) Hexachlorobenzene	10.90	284	135955	29.83	ng	#	73
68) Atrazine	11.01	200	130150	32.59	ng		97
69) Pentachlorophenol	11.11	266	121989	52.02	ng		98
70) Phenanthrene	11.33	178	746147	36.16	ng		99
71) Anthracene	11.37	178	707022	33.25	ng		99
72) Carbazole	11.53	167	638878	32.93	ng		99
73) Di-n-butylphthalate	11.86	149	810195	33.85	ng		100
74) Fluoranthene	12.52	202	801367	36.15	ng		97
76) Benzidine	12.64	184	225994	19.04	ng		99
77) Pyrene	12.74	202	830930	34.18	ng		99
79) Butylbenzylphthalate	13.38	149	352947	31.82	ng	#	81
80) Benzo(a)anthracene	13.98	228	679475	31.88	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	116841	14.44	ng	#	97
82) Chrysene	14.01	228	591702	26.35	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	467689	29.55	ng	#	98
84) Di-n-octyl phthalate	14.65	149	834512	30.70	ng		100
85) Indeno(1,2,3-cd)pyrene	16.90	276	498260	27.92	ng		98
87) Benzo(b)fluoranthene	15.10	252	578464	28.92	ng		98
88) Benzo(k)fluoranthene	15.13	252	604626m	35.97	ng		
89) Benzo(a)pyrene	15.45	252	555492	32.32	ng	#	96
90) Dibenzo(a,h)anthracene	16.92	278	421580	29.93	ng		99
91) Benzo(g,h,i)perylene	17.33	276	404242	29.54	ng		98

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

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Acq On : 22 Oct 2015 18:09
Operator : UM/IZ
Sample : PB86210BS
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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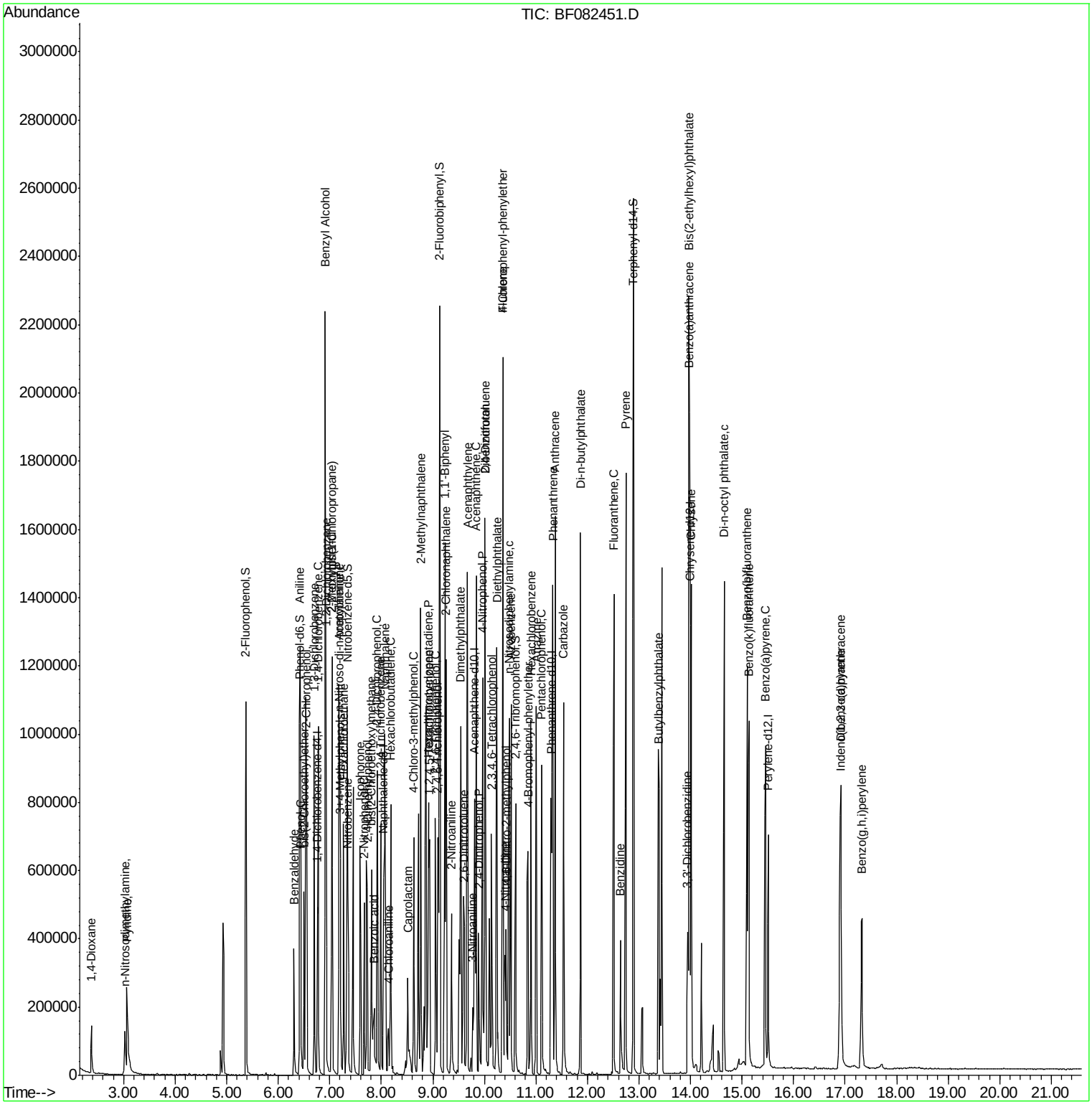
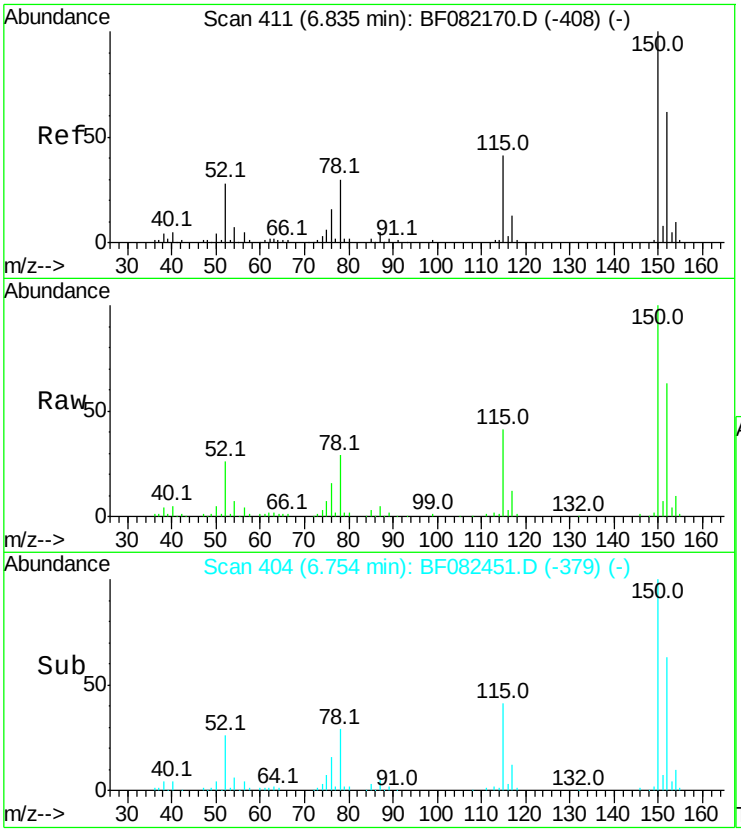
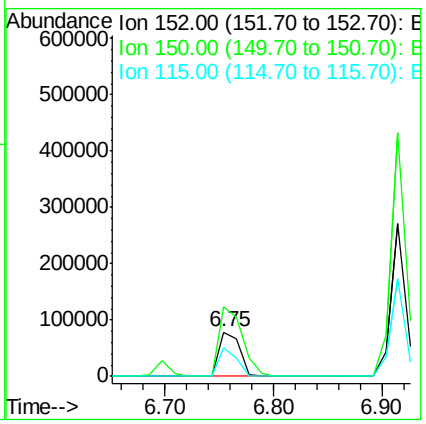




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:152 Resp: 103786

Ion	Ratio	Lower	Upper
152	100		
150	159.0	129.0	193.4
115	65.1	52.1	78.1



Instrument :
BNA_F
ClientSampleId :
PB86210BS

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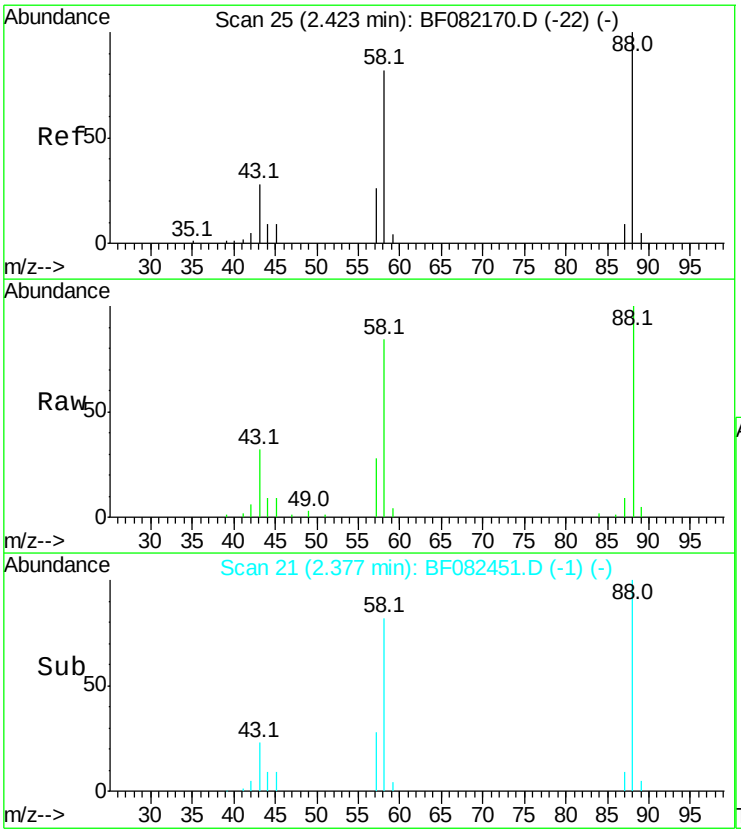
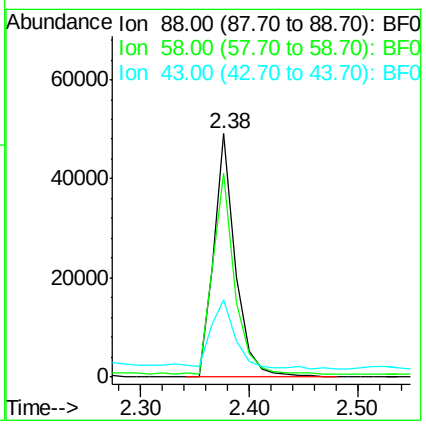
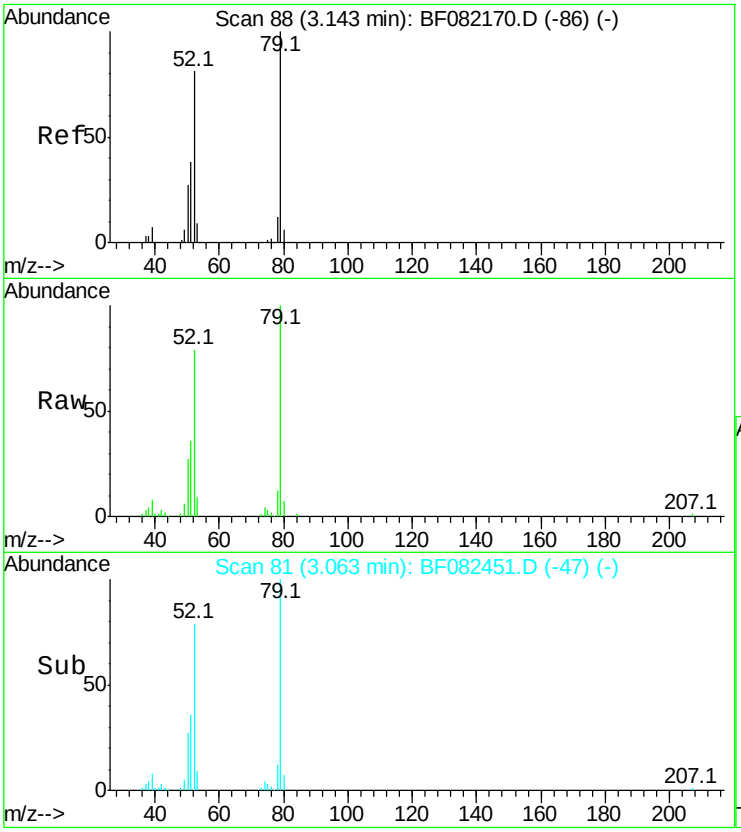


#2
1,4-Dioxane
Concen: 26.60 ng
RT: 2.38 min Scan# 21
Delta R.T. 0.10 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion: 88 Resp: 68732

Ion	Ratio	Lower	Upper
88	100		
58	84.0	66.2	99.4
43	32.8	23.0	34.4

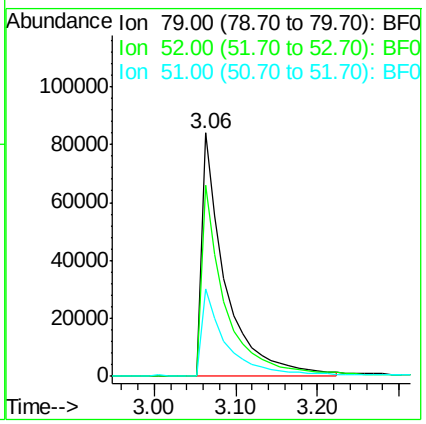




#3
Pyridine
Concen: 28.56 ng
RT: 3.06 min Scan# 81
Delta R.T. 0.09 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion: 79 Resp: 171649

Ion	Ratio	Lower	Upper
79	100		
52	78.6	64.4	96.6
51	36.2	30.5	45.7



Instrument :
BNA_F
ClientSampleId :
PB86210BS

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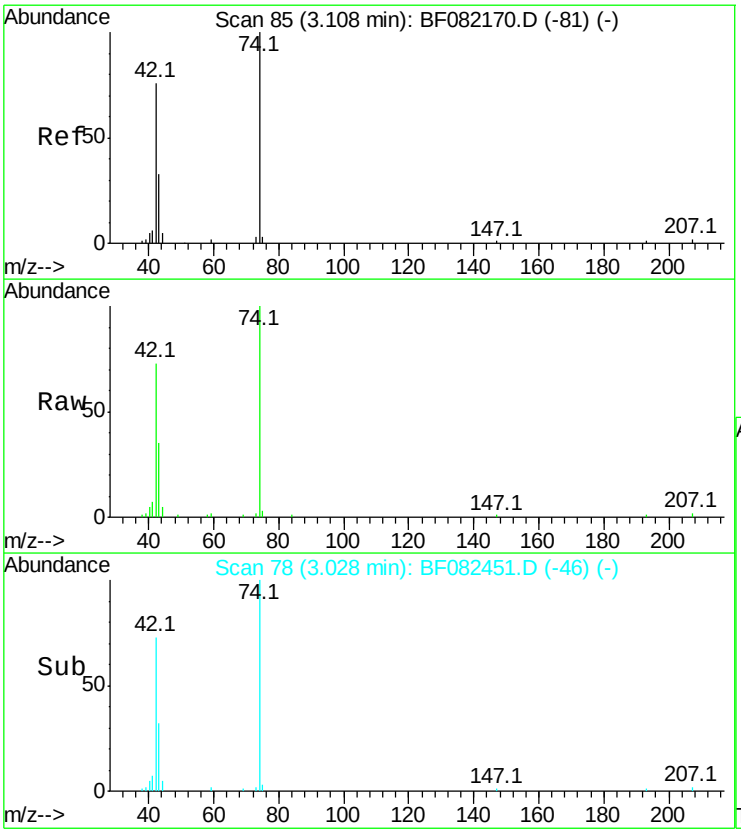
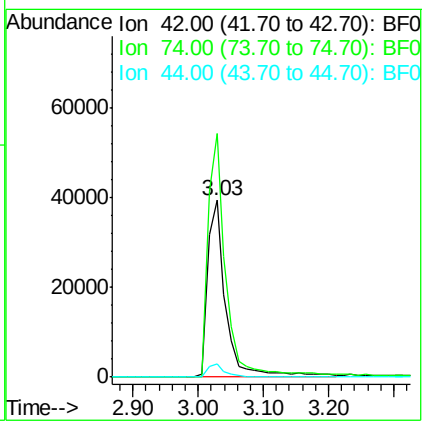
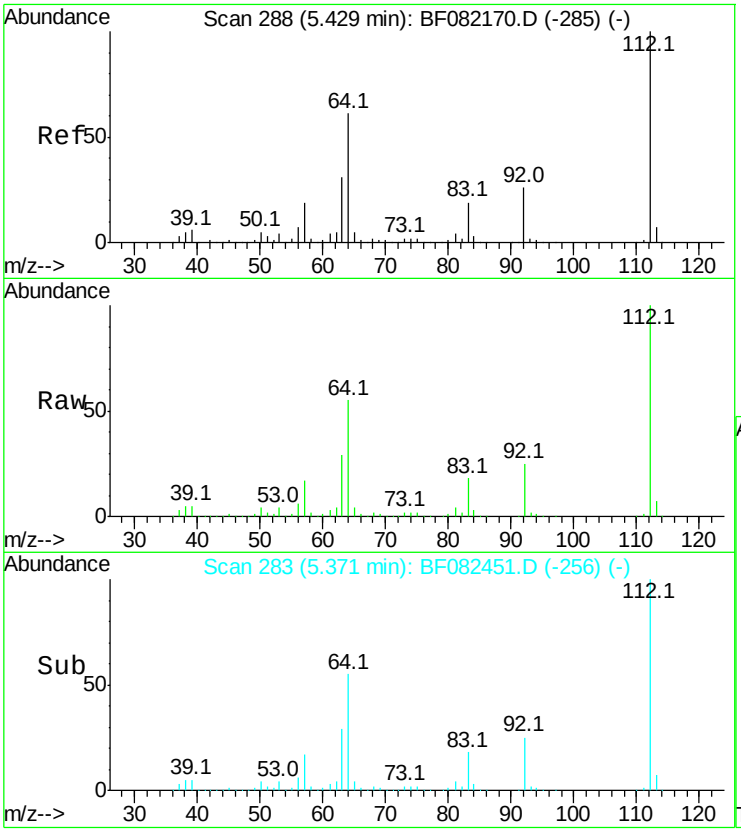


#4
n-Nitrosodimethylamine
Concen: 30.11 ng
RT: 3.03 min Scan# 78
Delta R.T. 0.07 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion: 42 Resp: 76749

Ion	Ratio	Lower	Upper
42	100		
74	137.9	105.7	158.5
44	7.2	5.4	8.2

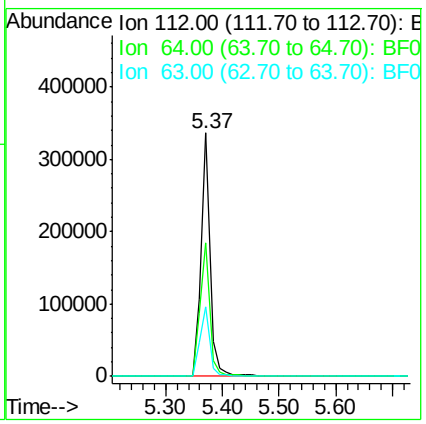




#5
2-Fluorophenol
Concen: 70.13 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:112 Resp: 360625

Ion	Ratio	Lower	Upper
112	100		
64	54.7	48.6	73.0
63	28.6	25.1	37.7



Instrument :
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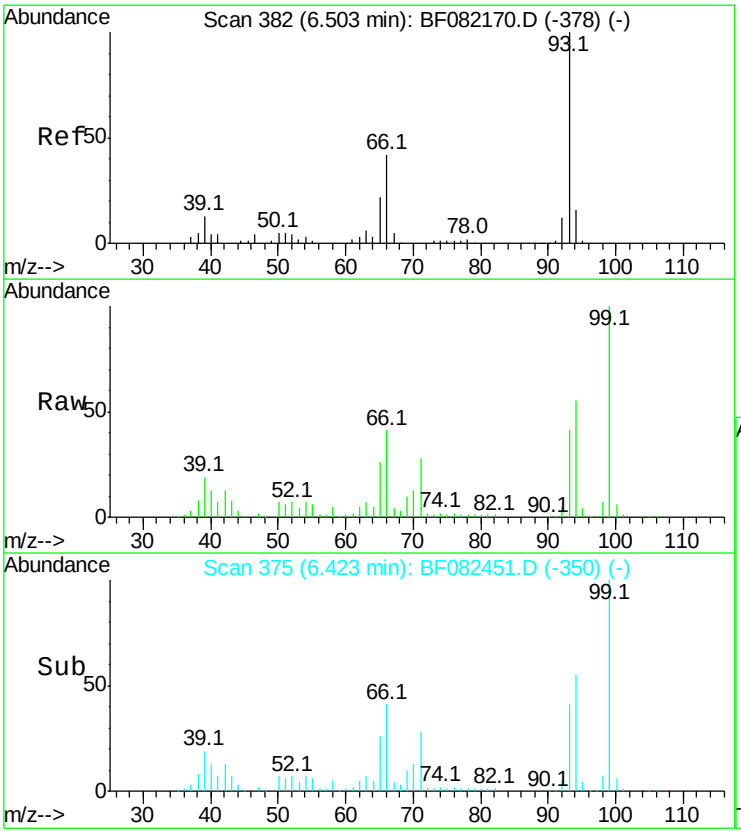
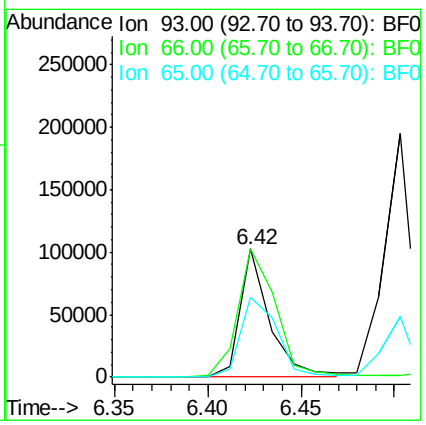
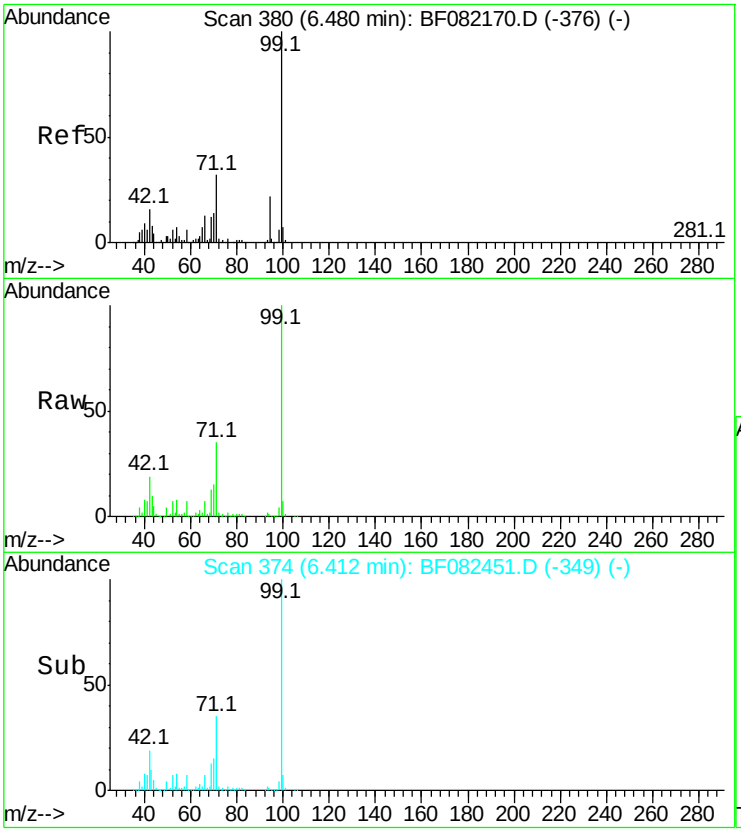


#6
Aniline
Concen: 13.14 ng
RT: 6.42 min Scan# 375
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion: 93 Resp: 113391

Ion	Ratio	Lower	Upper
93	100		
66	100.0	34.2	51.2#
65	62.3	17.9	26.9#

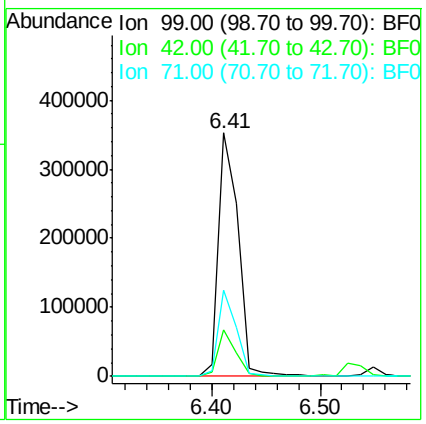




#7
Phenol-d6
Concen: 66.88 ng
RT: 6.41 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion: 99 Resp: 447551

Ion	Ratio	Lower	Upper
99	100		
42	19.0	13.2	19.8
71	35.4	25.6	38.4



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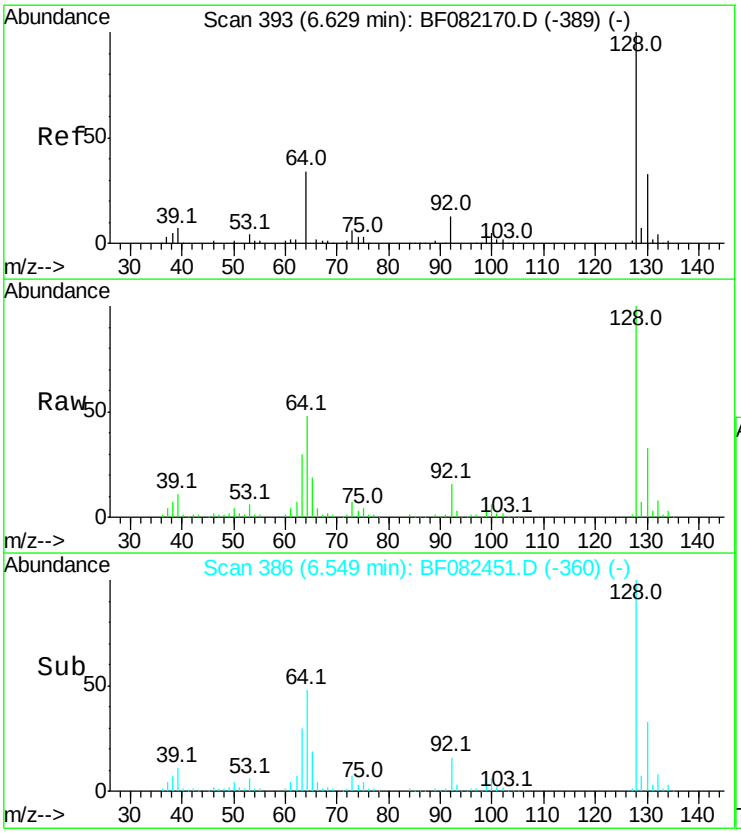
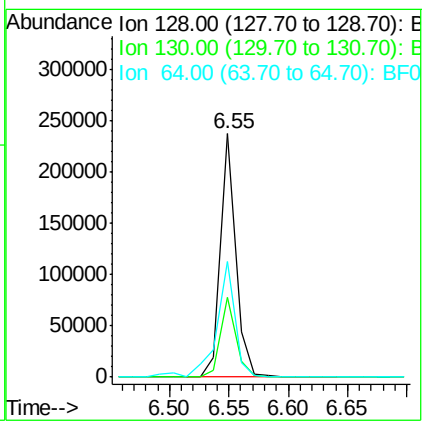
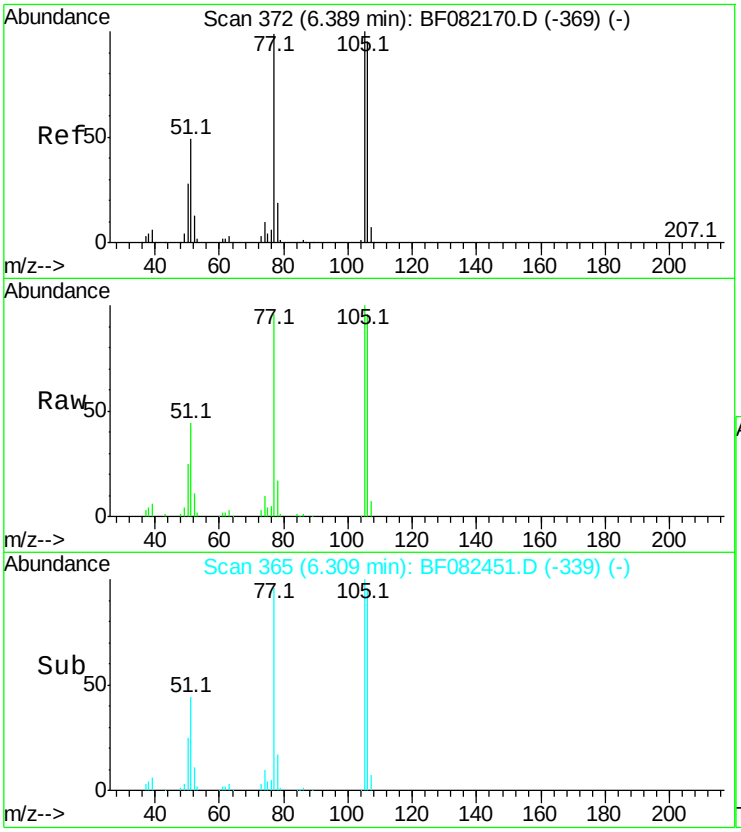


#8
2-Chlorophenol
Concen: 33.54 ng
RT: 6.55 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:128 Resp: 210584

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	47.6	16.7	56.7

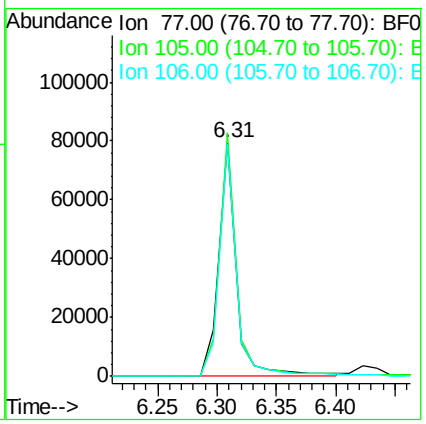




#9
Benzaldehyde
Concen: 23.77 ng
RT: 6.31 min Scan# 365
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion: 77 Resp: 81226

Ion	Ratio	Lower	Upper
77	100		
105	104.2	80.6	120.6
106	99.6	75.5	115.5



Instrument :
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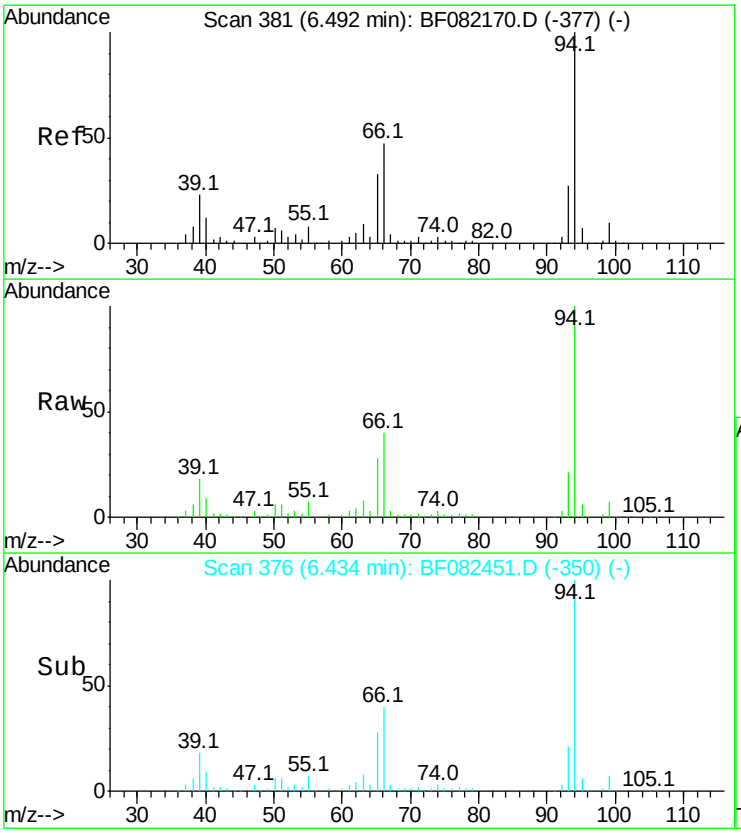
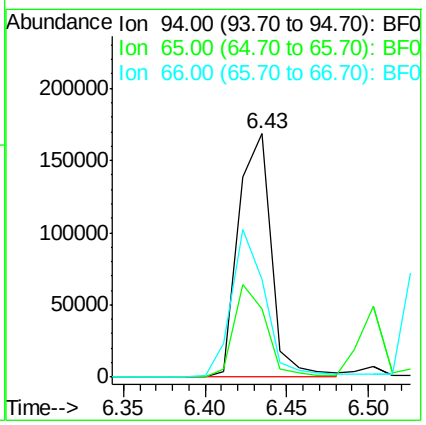
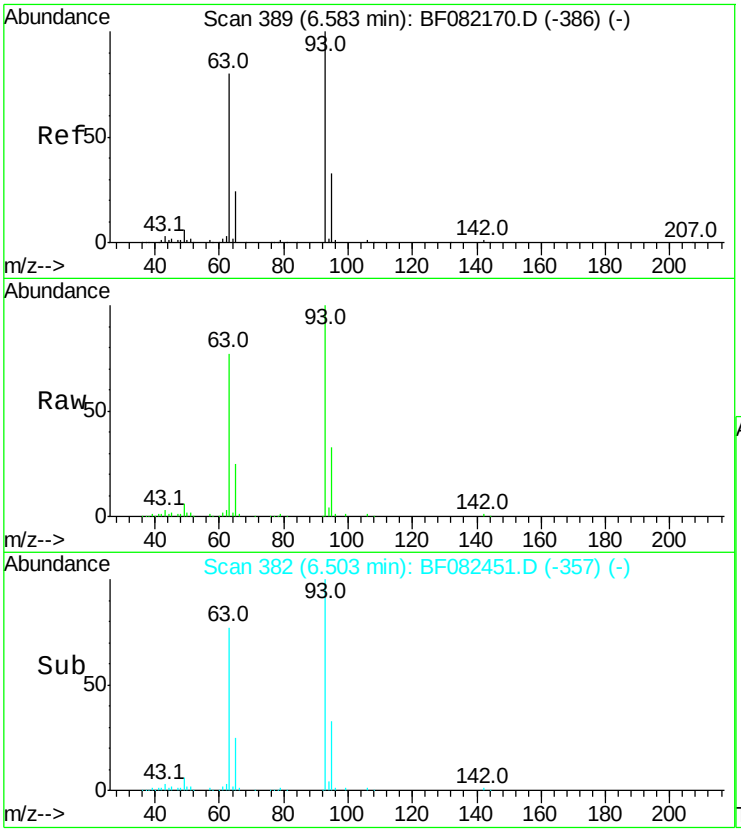


#10
Phenol
Concen: 30.28 ng
RT: 6.43 min Scan# 376
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion: 94 Resp: 233657

Ion	Ratio	Lower	Upper
94	100		
65	28.1	12.6	52.6
66	40.4	27.3	67.3

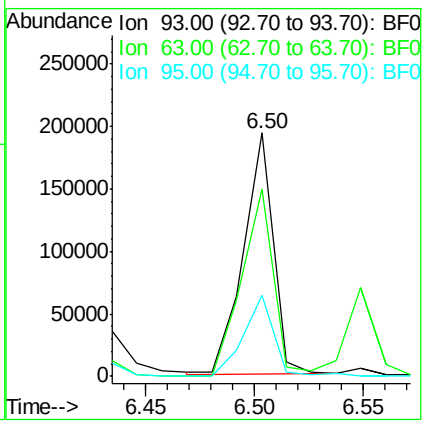




#11
bis(2-Chloroethyl)ether
Concen: 28.14 ng
RT: 6.50 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion: 93 Resp: 183617

Ion	Ratio	Lower	Upper
93	100		
63	77.1	57.1	97.1
95	33.1	11.9	51.9



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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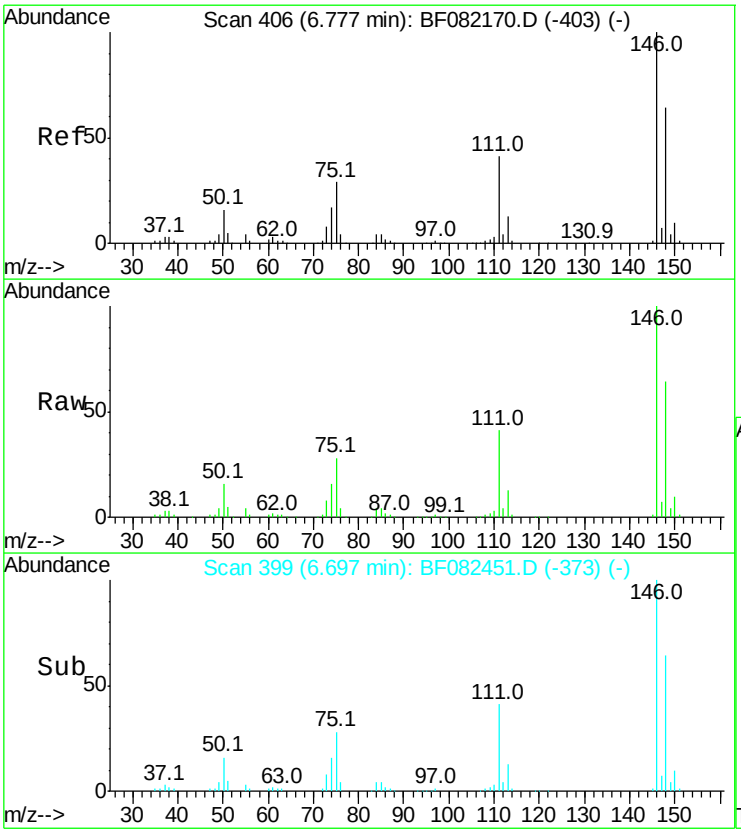
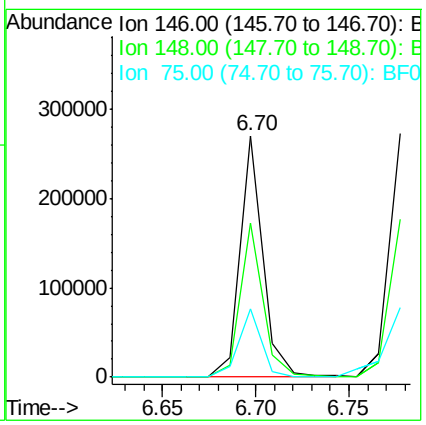
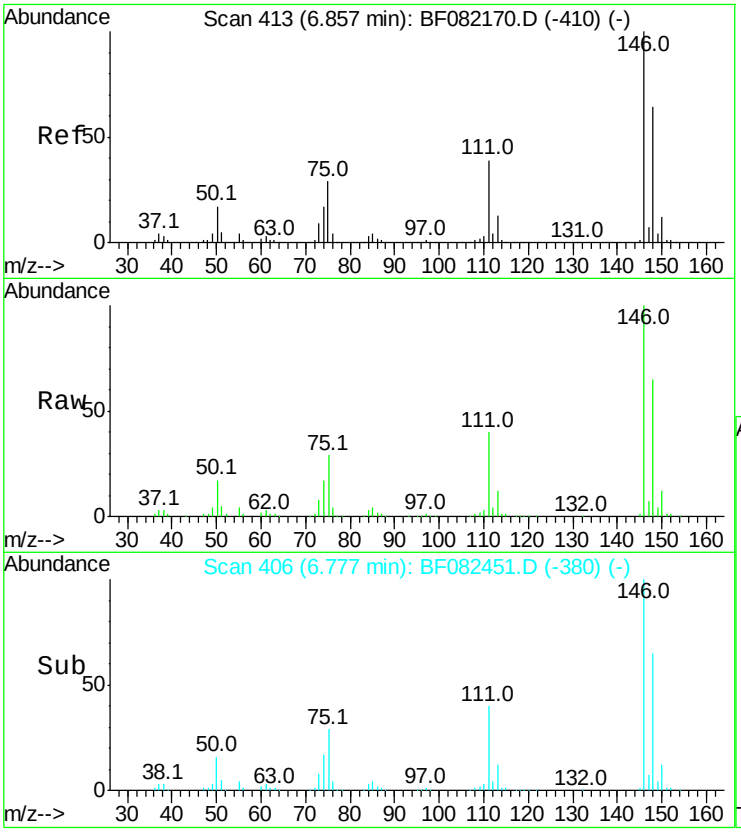


#12
1,3-Dichlorobenzene
Concen: 31.76 ng
RT: 6.70 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:146 Resp: 232223

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.2
75	28.1	23.0	34.6

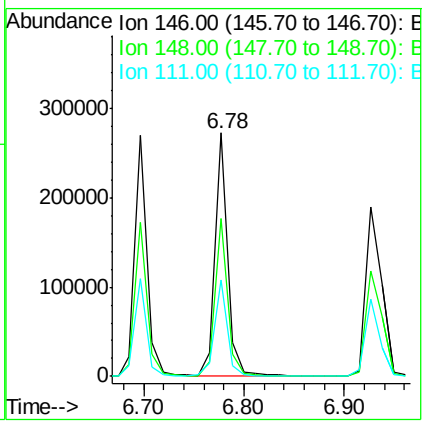




#13
1,4-Dichlorobenzene
Concen: 31.49 ng
RT: 6.78 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:146 Resp: 240409

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.4
111	39.7	31.1	46.7



Instrument :
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ClientSampleId :
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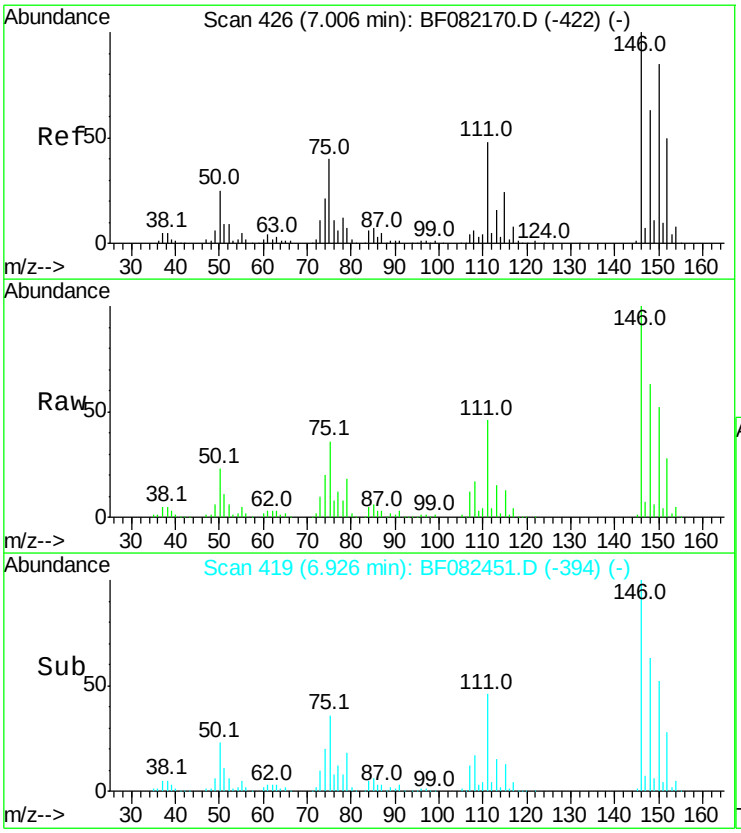
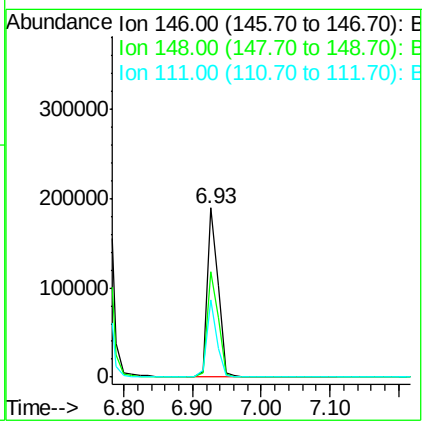
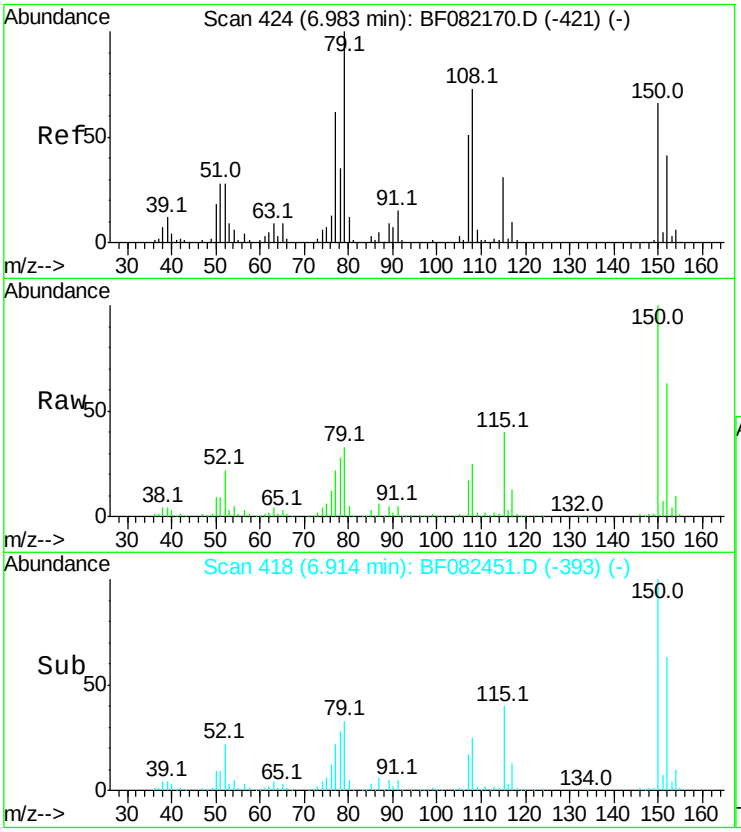


#14
1,2-Dichlorobenzene
Concen: 29.37 ng
RT: 6.93 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:146 Resp: 212900

Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.5	75.7
111	46.0	38.5	57.7





#15
Benzyl Alcohol
Concen: 34.66 ng
RT: 6.91 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion: 79 Resp: 160119

Ion	Ratio	Lower	Upper
79	100		
108	76.2	58.4	87.6
77	66.4	49.8	74.6

Instrument :
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ClientSampleId :
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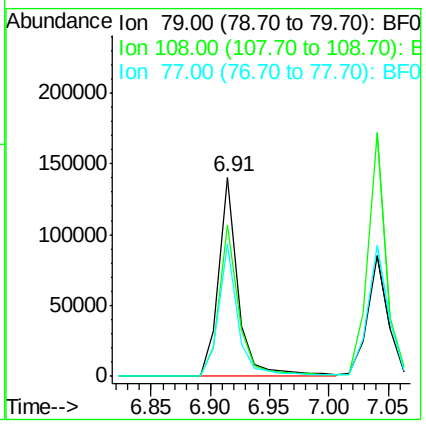
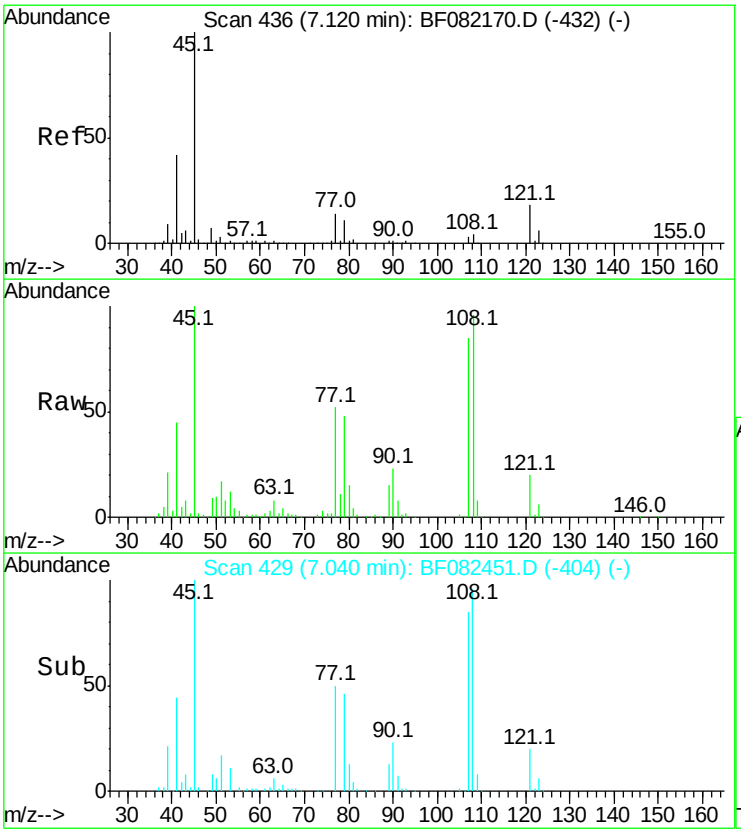
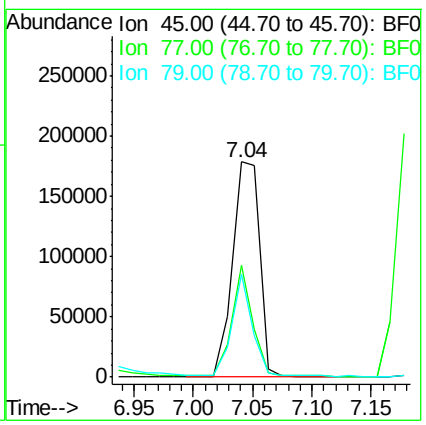


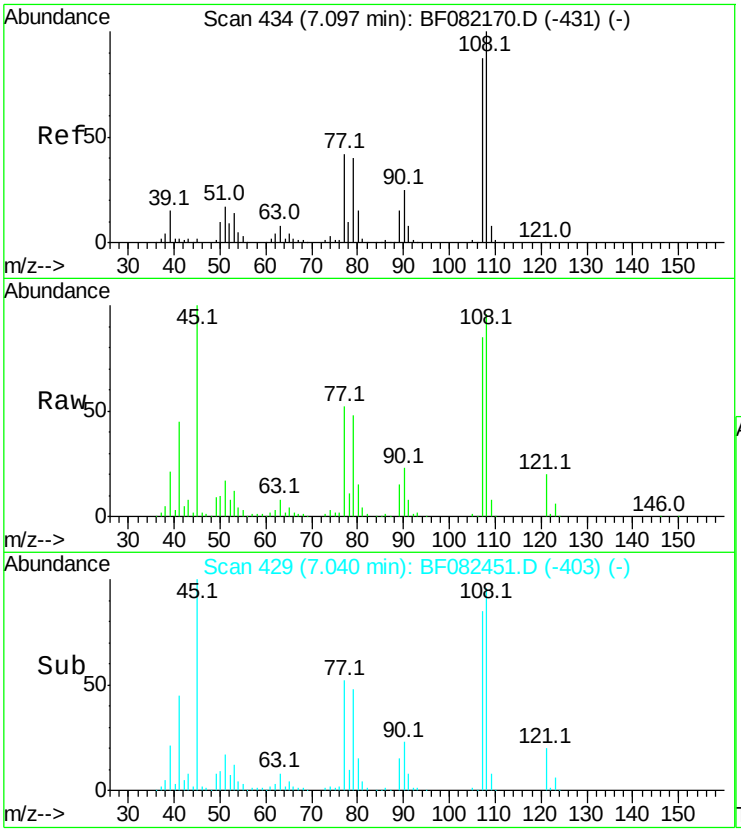


#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.24 ng
RT: 7.04 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion: 45 Resp: 283884

Ion	Ratio	Lower	Upper
45	100		
77	51.8	0.0	34.5#
79	47.6	0.0	31.6#

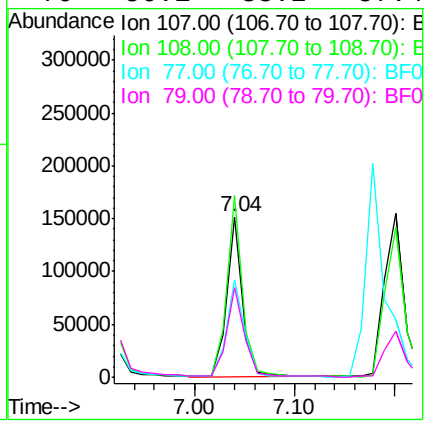




#17
2-Methylphenol
Concen: 33.10 ng
RT: 7.04 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:107 Resp: 164304

Ion	Ratio	Lower	Upper
107	100		
108	113.2	92.2	138.2
77	61.0	39.6	59.4#
79	56.1	38.2	57.4



Instrument :
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ClientSampleId :
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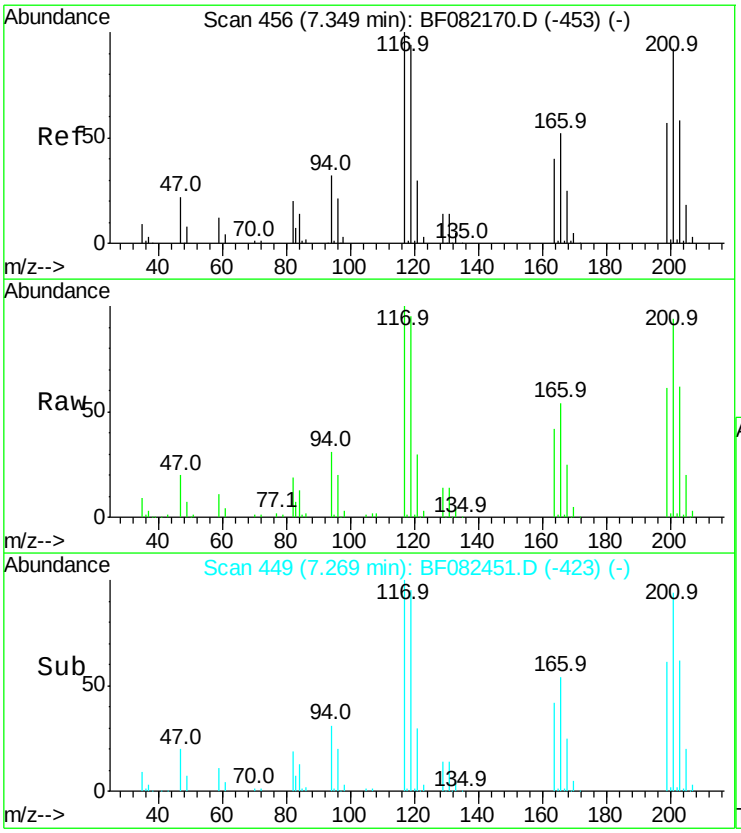
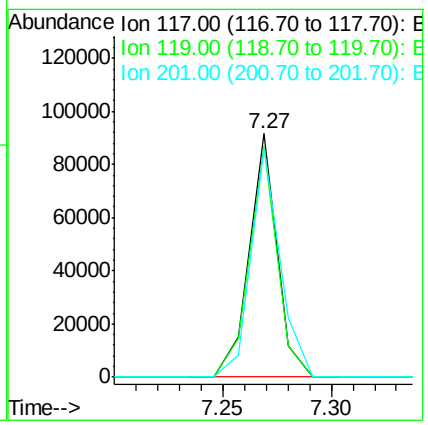
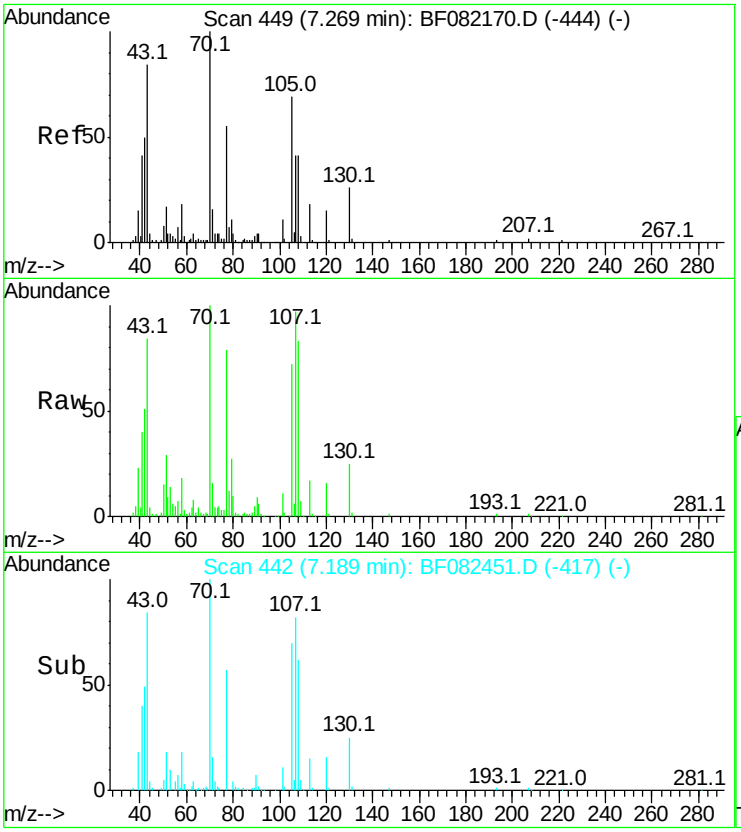


#18
Hexachloroethane
Concen: 31.15 ng
RT: 7.27 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:117 Resp: 81399

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.4	113.2
201	94.4	73.4	110.0

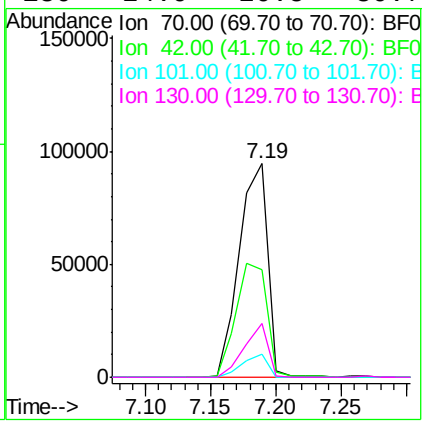




#19
n-Nitroso-di-n-propylamine
Concen: 30.41 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion: 70 Resp: 142935

Ion	Ratio	Lower	Upper
70	100		
42	50.6	39.8	59.8
101	10.6	8.6	13.0
130	24.9	20.5	30.7



Instrument :
BNA_F
ClientSampleId :
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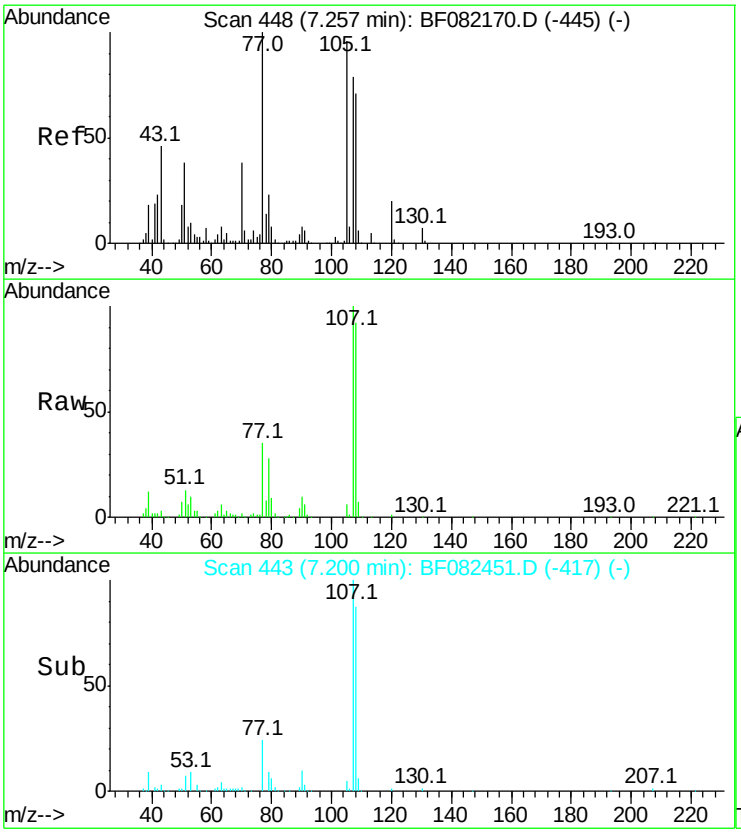
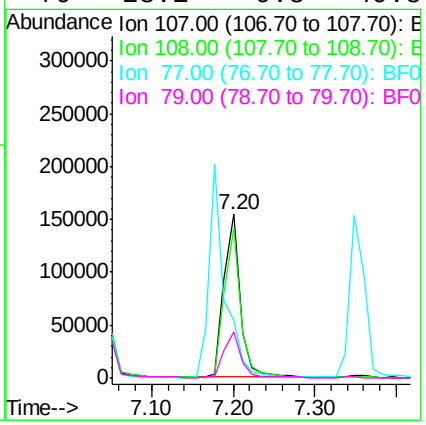
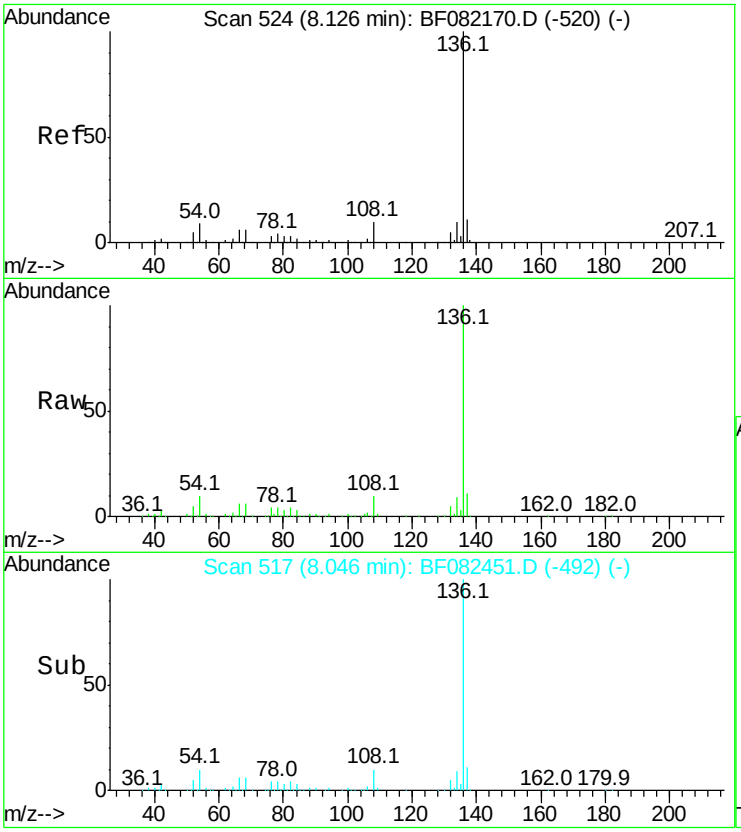


#20
3+4-Methylphenols
Concen: 36.04 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:107 Resp: 213218

Ion	Ratio	Lower	Upper
107	100		
108	91.9	69.9	109.9
77	34.9	106.0	146.0#
79	28.1	9.8	49.8

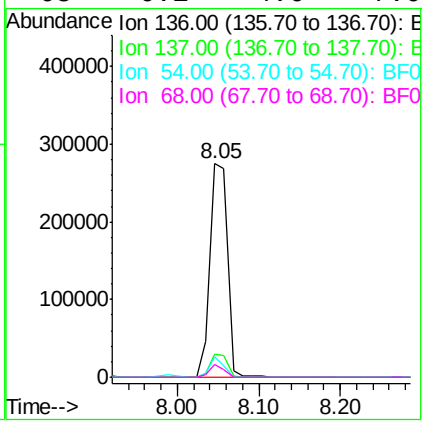




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:136 Resp: 414677

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.9	7.5	11.3
68	6.1	4.6	7.0



Instrument :
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ClientSampleId :
PB86210BS

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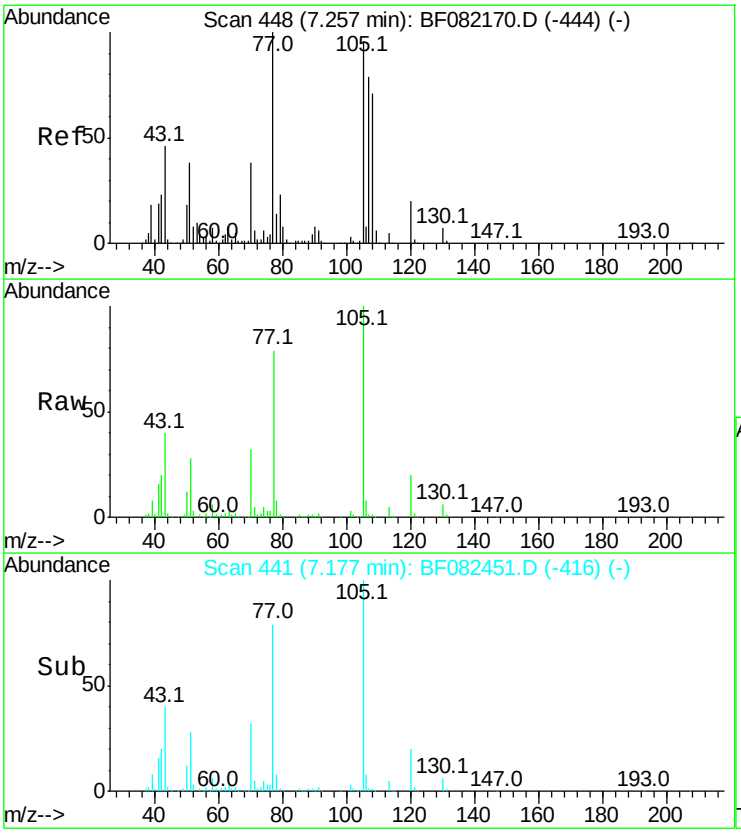
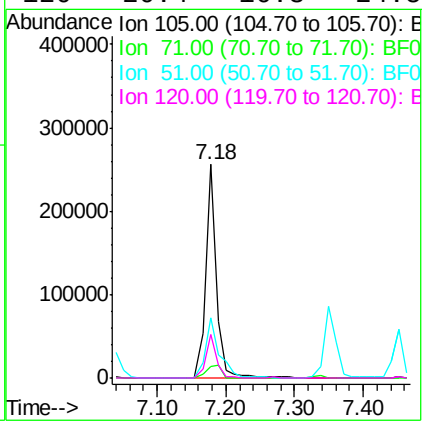
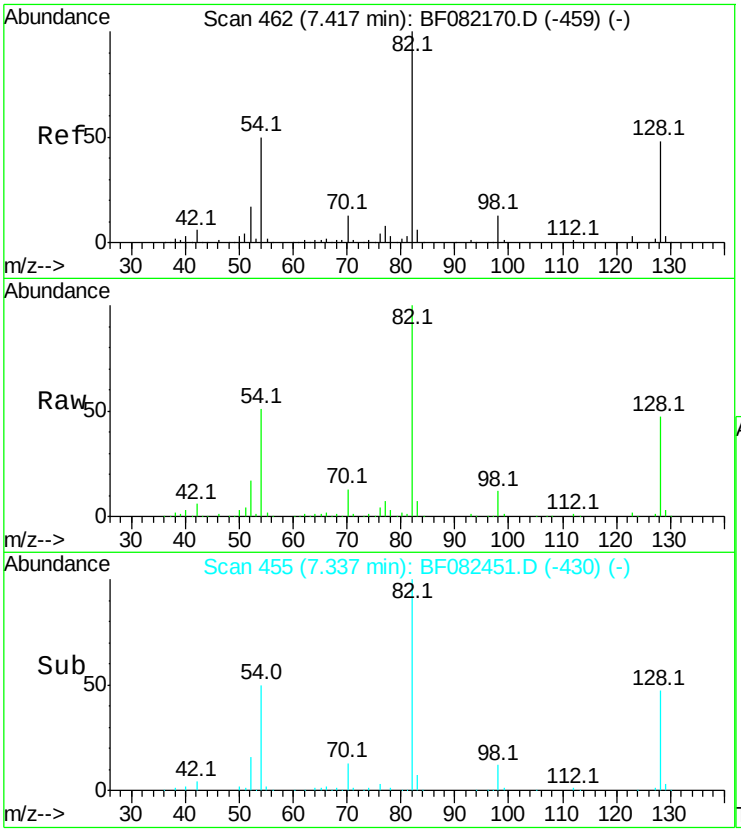


#22
Acetophenone
Concen: 33.95 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:105 Resp: 278523

Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.4	8.0#
51	28.4	31.8	47.6#
120	20.4	16.3	24.5

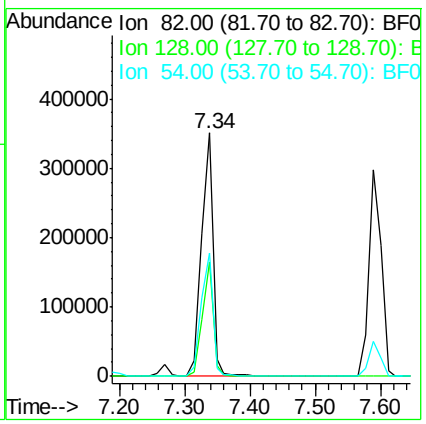




#23
Nitrobenzene-d5
Concen: 69.61 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion: 82 Resp: 429826

Ion	Ratio	Lower	Upper
82	100		
128	46.8	38.7	58.1
54	50.6	40.1	60.1



Instrument :
BNA_F
ClientSampleId :
PB86210BS

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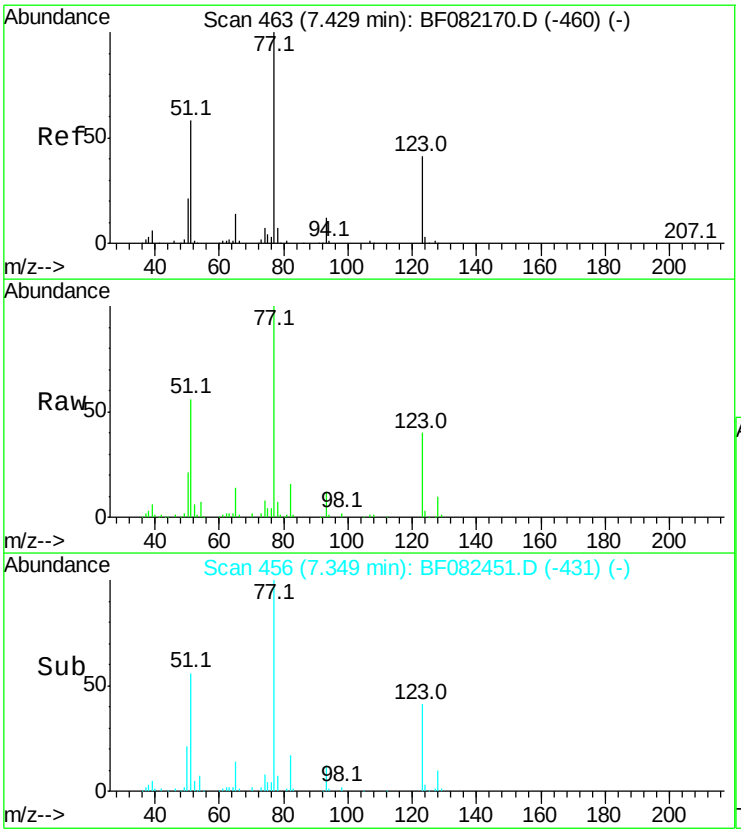
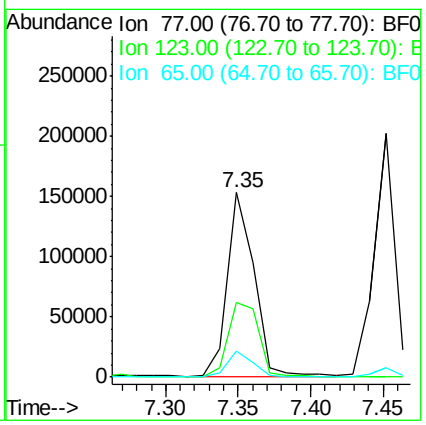
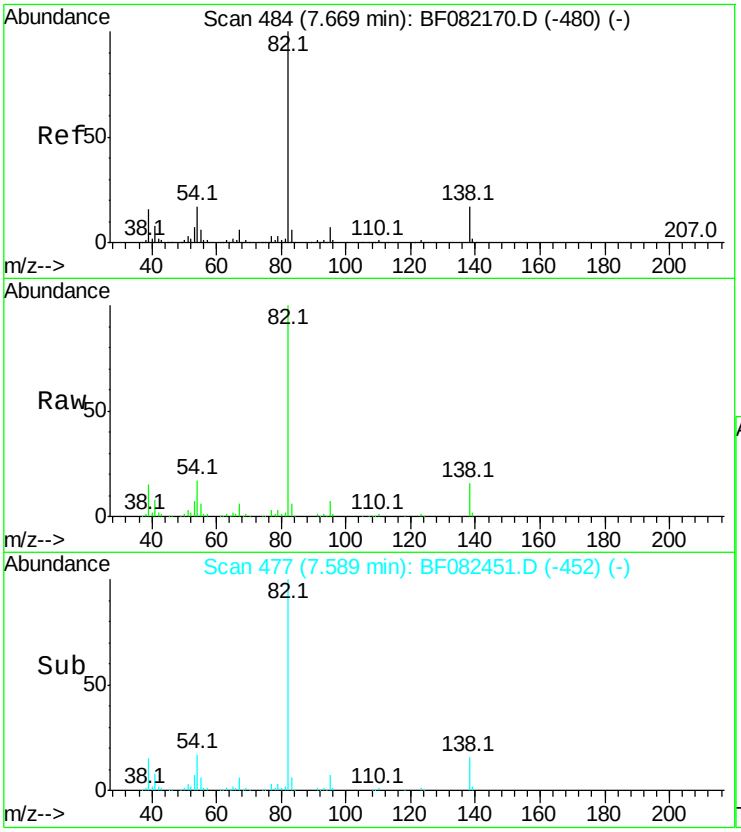


#24
Nitrobenzene
Concen: 29.18 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion: 77 Resp: 195042

Ion	Ratio	Lower	Upper
77	100		
123	40.4	33.0	49.4
65	14.1	11.2	16.8

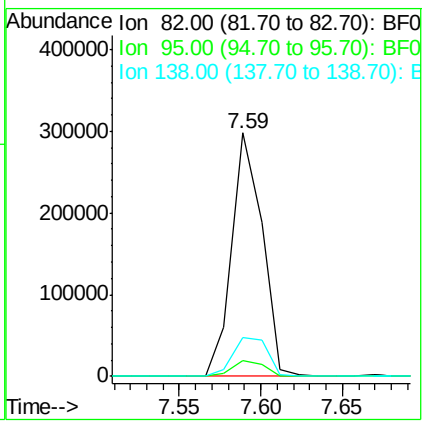




#25
Isophorone
Concen: 30.47 ng
RT: 7.59 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion: 82 Resp: 379794

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.6	8.4
138	16.0	13.6	20.4



Instrument :
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ClientSampleId :
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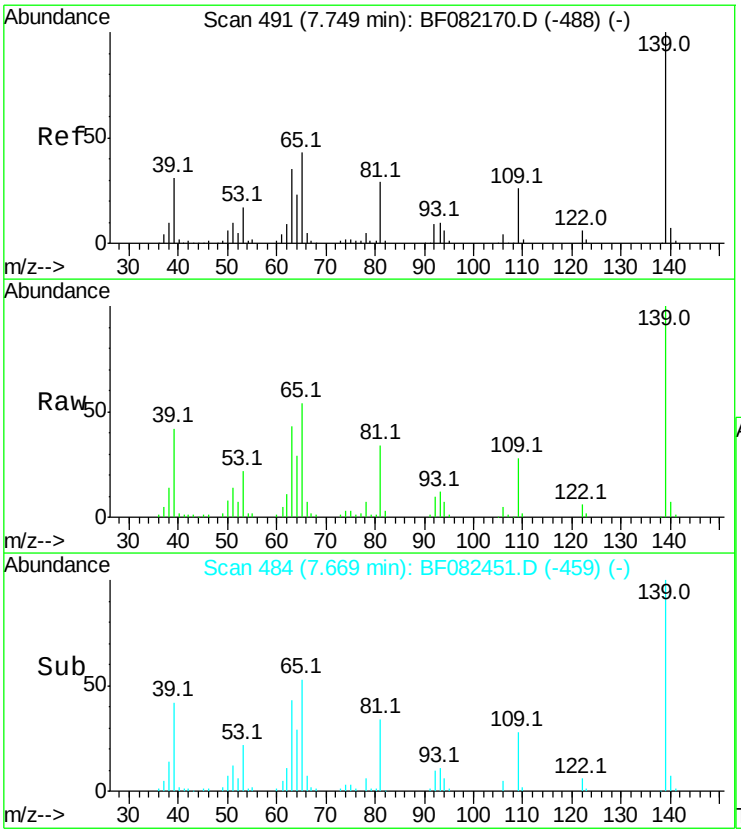
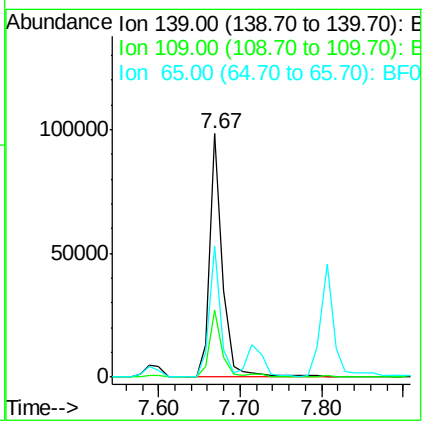
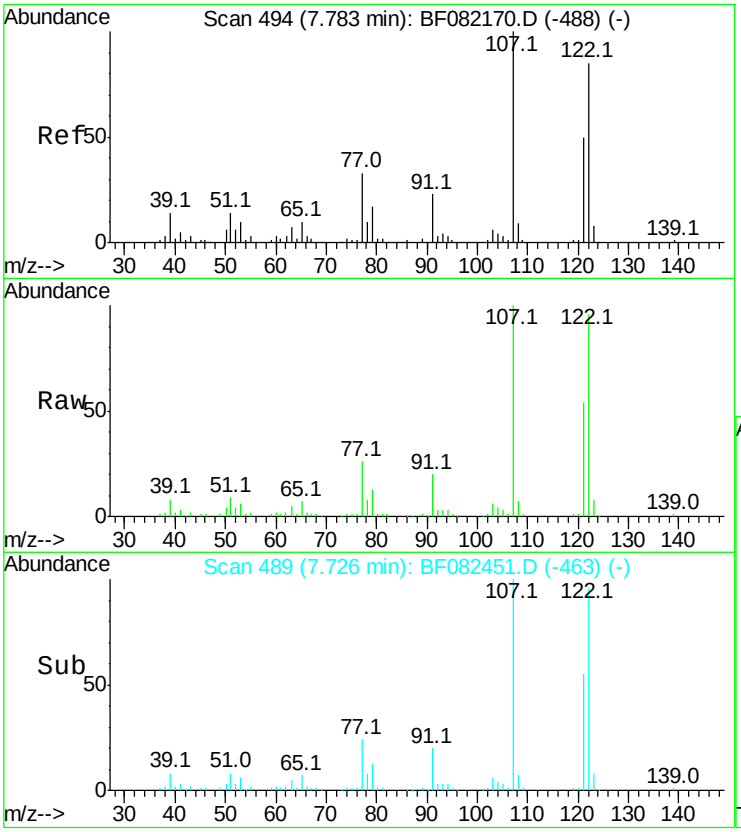


#26
2-Nitrophenol
Concen: 32.68 ng
RT: 7.67 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:139 Resp: 109074

Ion	Ratio	Lower	Upper
139	100		
109	27.7	20.6	31.0
65	53.6	34.3	51.5#

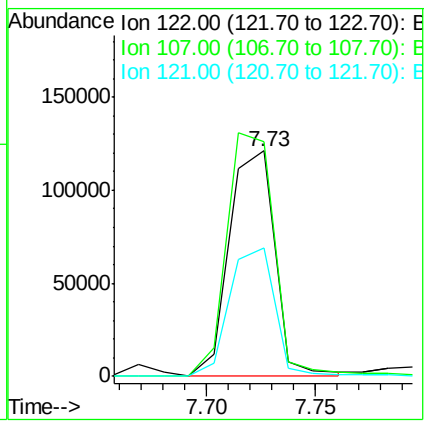




#27
2,4-Dimethylphenol
Concen: 32.59 ng
RT: 7.73 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:122 Resp: 175253

Ion	Ratio	Lower	Upper
122	100		
107	104.3	94.0	141.0
121	56.8	46.8	70.2



Instrument :
BNA_F
ClientSampleId :
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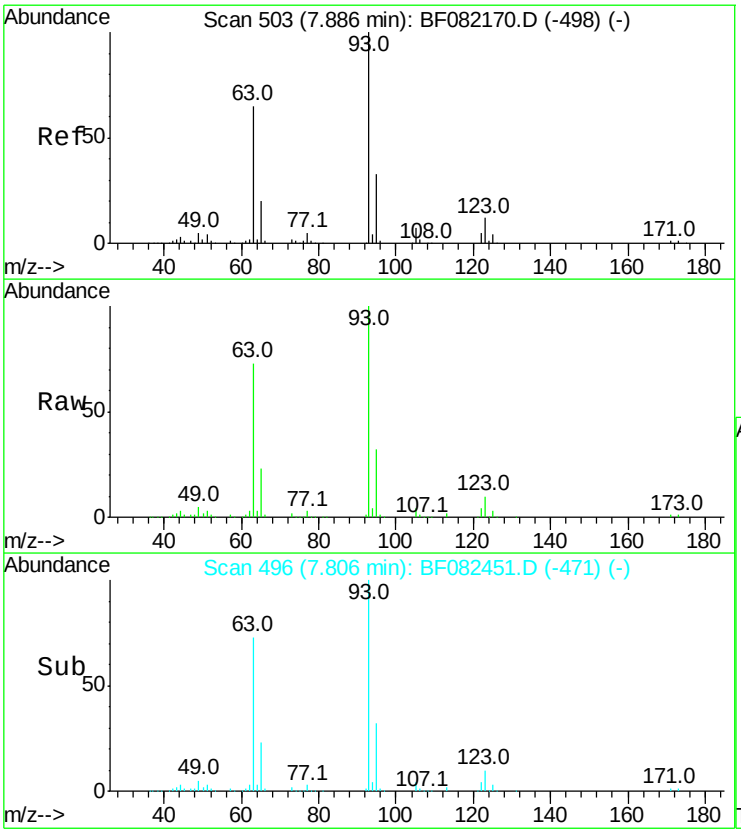
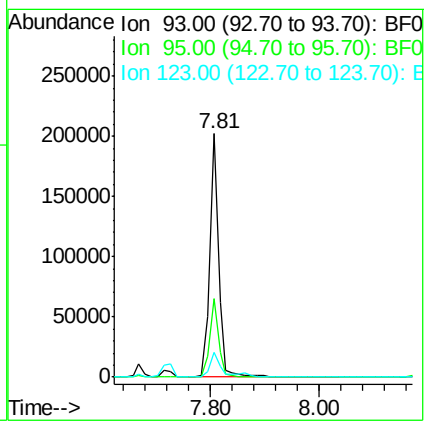
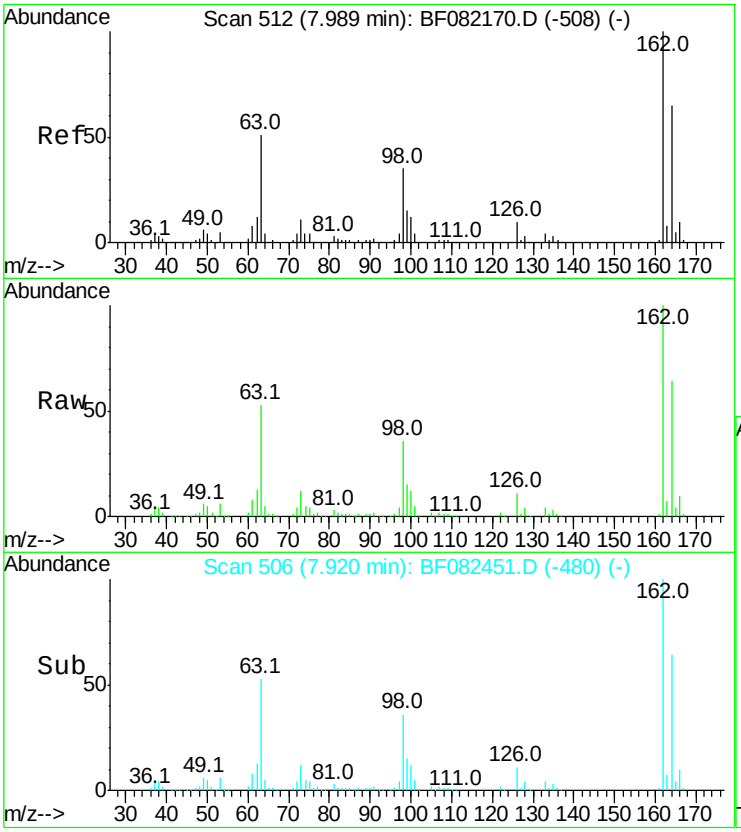


#28
bis(2-Chloroethoxy)methane
Concen: 32.08 ng
RT: 7.81 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion: 93 Resp: 232612

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.6	39.8
123	10.0	9.5	14.3

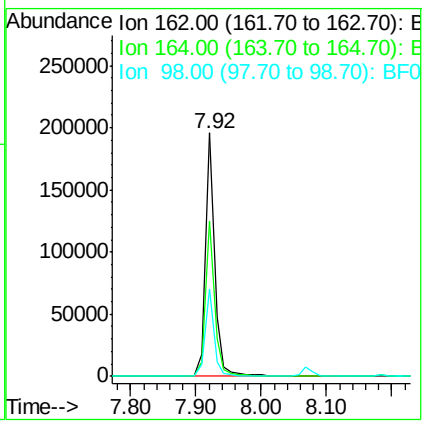




#29
2,4-Dichlorophenol
Concen: 35.99 ng
RT: 7.92 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:162 Resp: 193439

Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.6	84.6
98	36.0	15.0	55.0



Instrument :
BNA_F
ClientSampleId :
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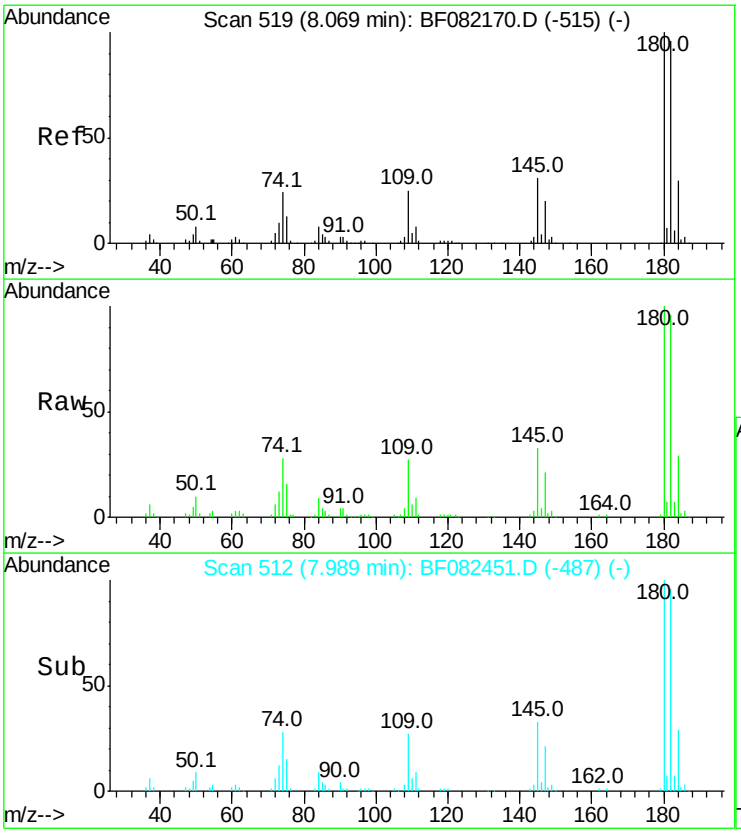
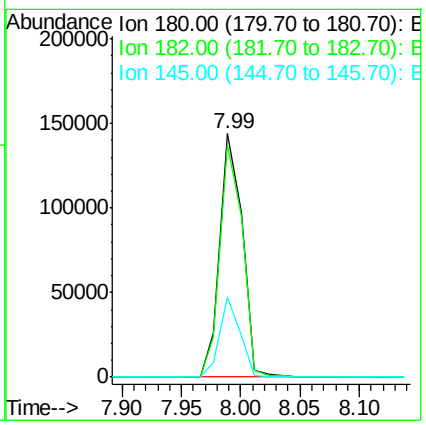
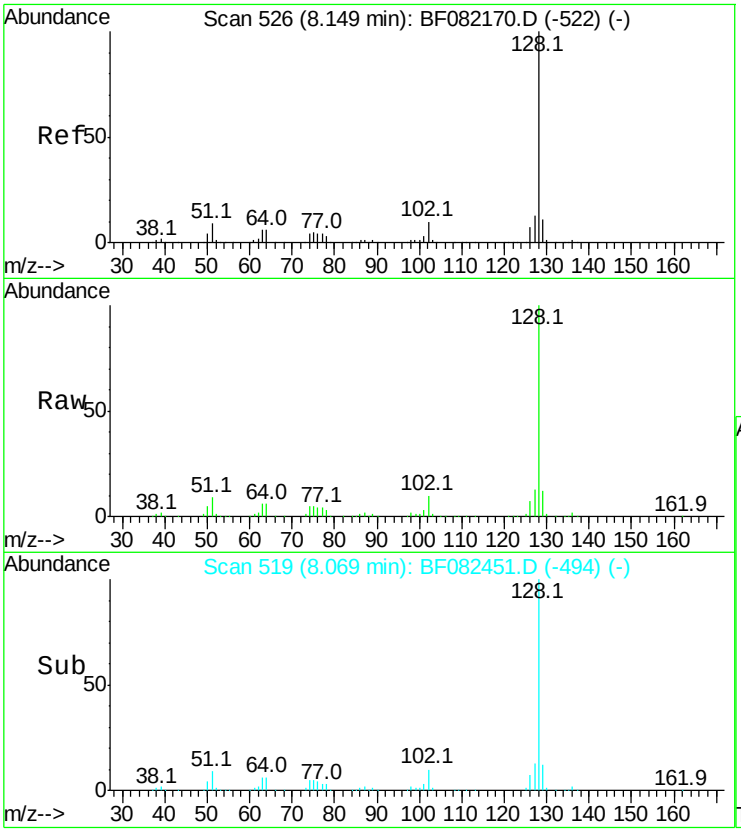


#30
1,2,4-Trichlorobenzene
Concen: 30.40 ng
RT: 7.99 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:180 Resp: 188340

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.0	115.4
145	32.6	25.0	37.4

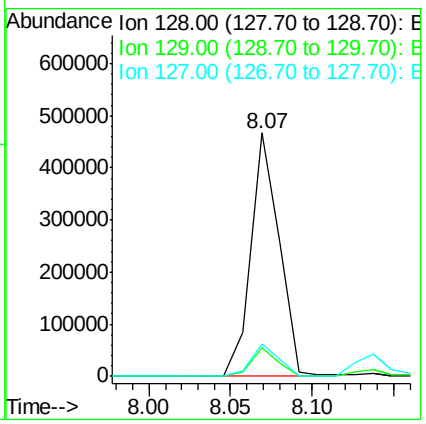




#31
Naphthalene
Concen: 31.41 ng
RT: 8.07 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:128 Resp: 564642

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.4	10.7	16.1



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ClientSampleId :
PB86210BS

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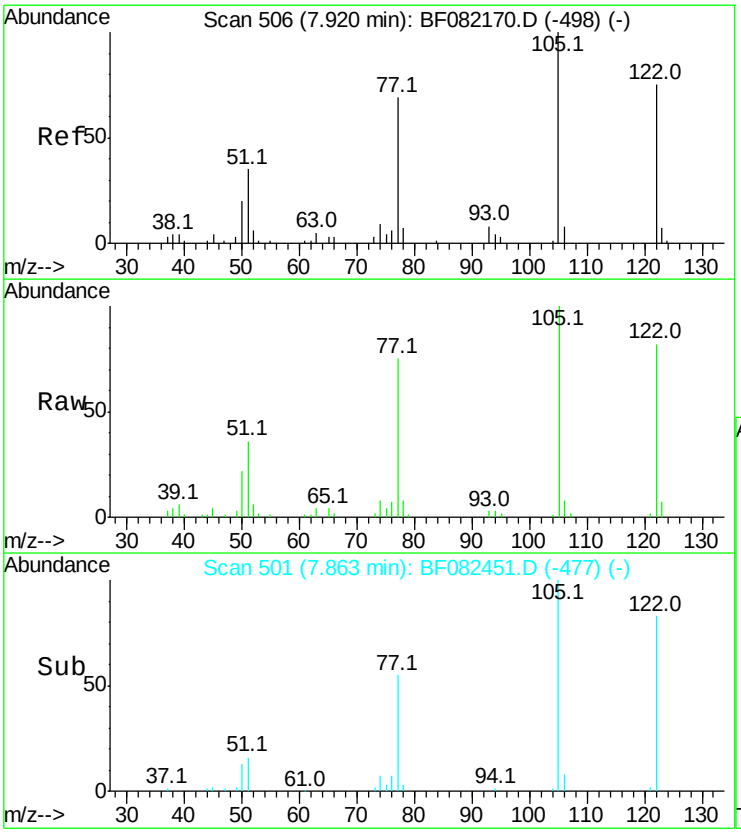
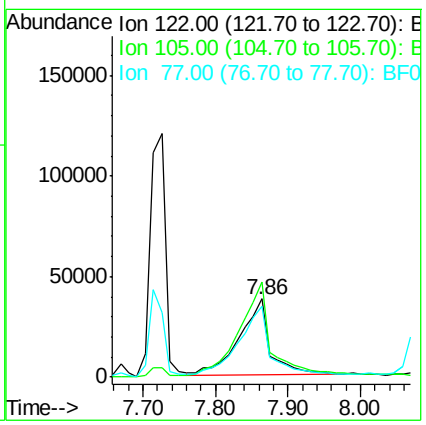
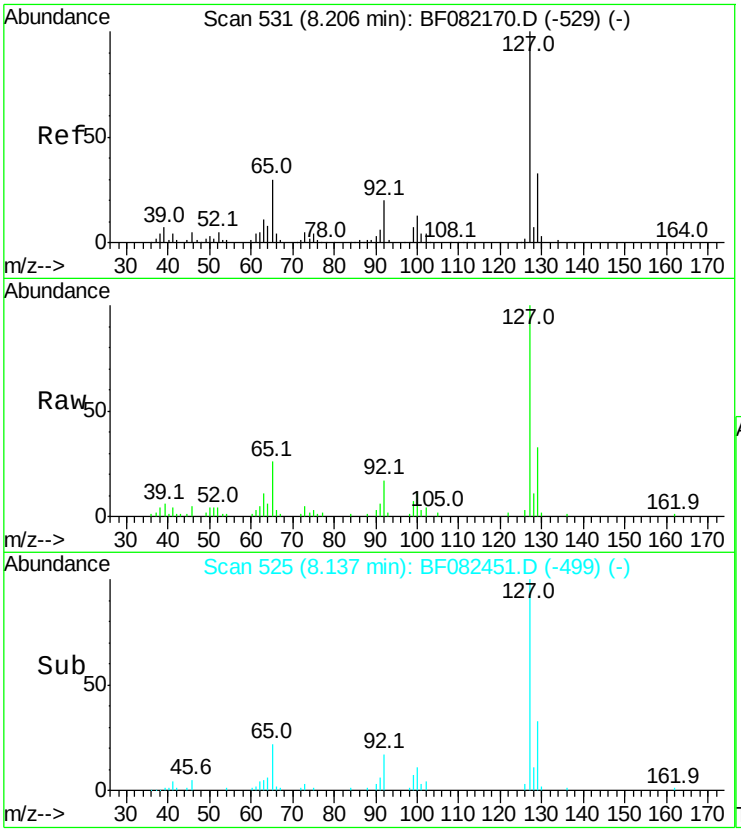


#32
Benzoic acid
Concen: 31.14 ng
RT: 7.86 min Scan# 501
Delta R.T. -0.02 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:122 Resp: 112383

Ion	Ratio	Lower	Upper
122	100		
105	122.3	104.4	144.4
77	91.7	69.0	109.0

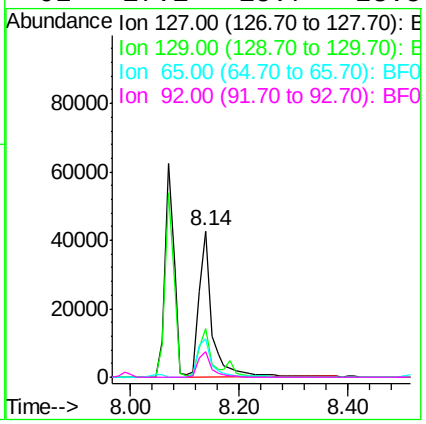




#33
4-Chloroaniline
Concen: 9.30 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:127 Resp: 69456

Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.3	39.5
65	26.0	24.4	36.6
92	17.1	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
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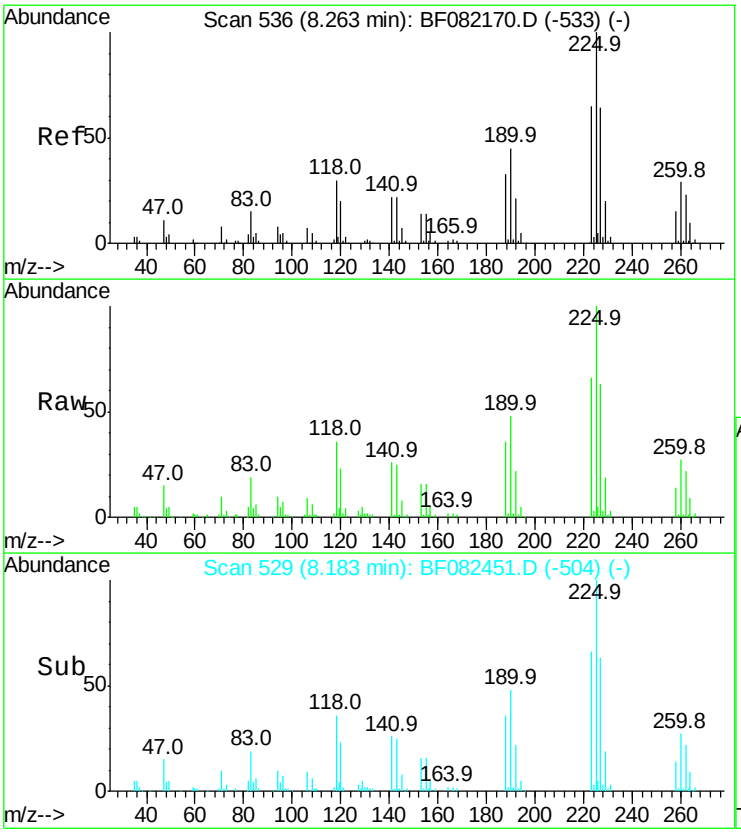
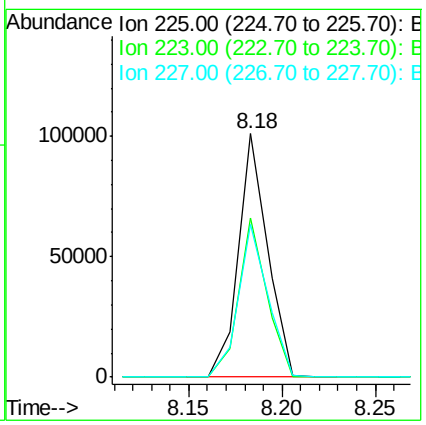
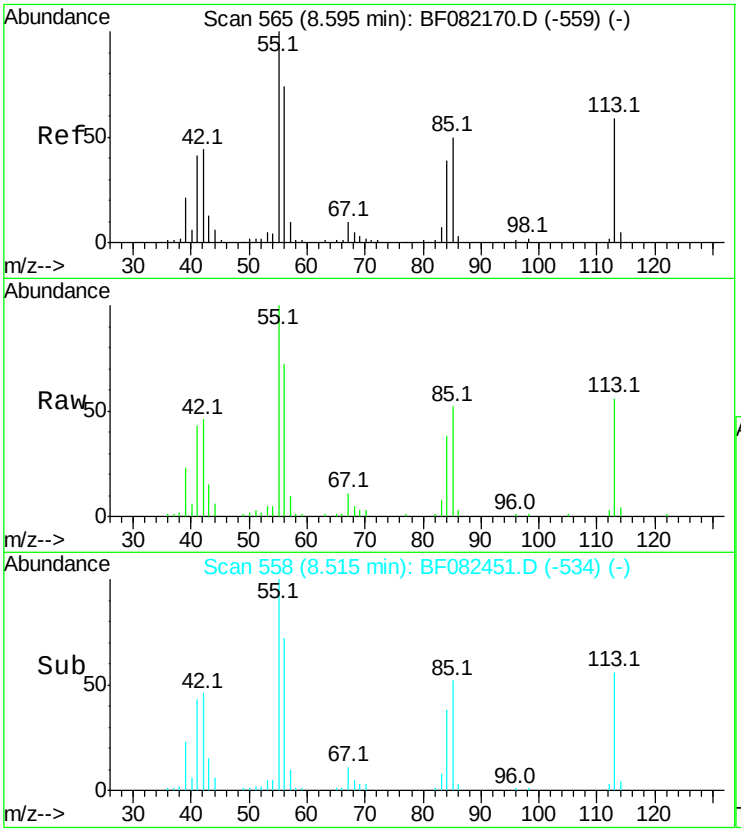


#34
Hexachlorobutadiene
Concen: 28.67 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:225 Resp: 110695

Ion	Ratio	Lower	Upper
225	100		
223	65.6	52.2	78.2
227	62.9	51.3	76.9

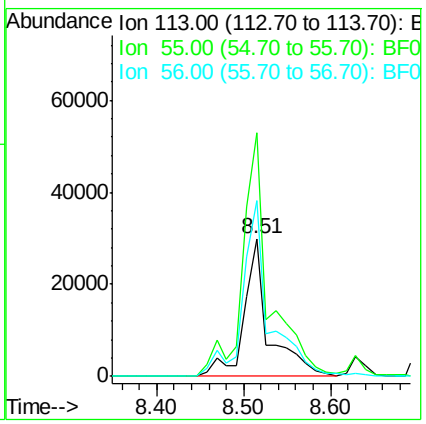




#35
Caprolactam
Concen: 37.74 ng
RT: 8.51 min Scan# 558
Delta R.T. -0.02 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:113 Resp: 58877

Ion	Ratio	Lower	Upper
113	100		
55	177.2	149.7	189.7
56	128.0	105.4	145.4



Instrument :
BNA_F
ClientSampleId :
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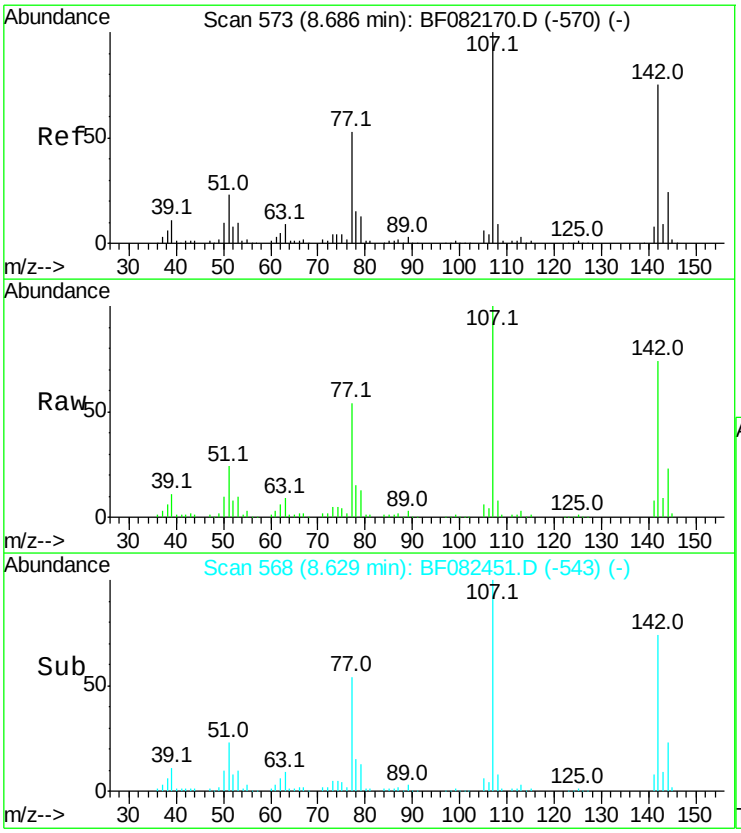
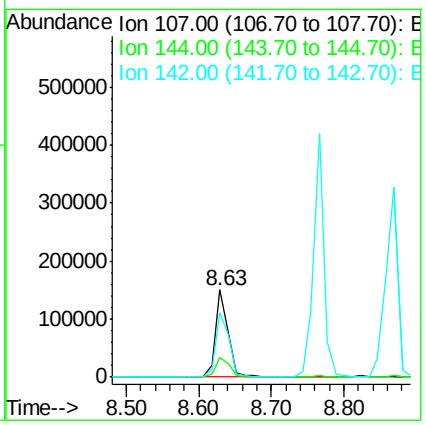
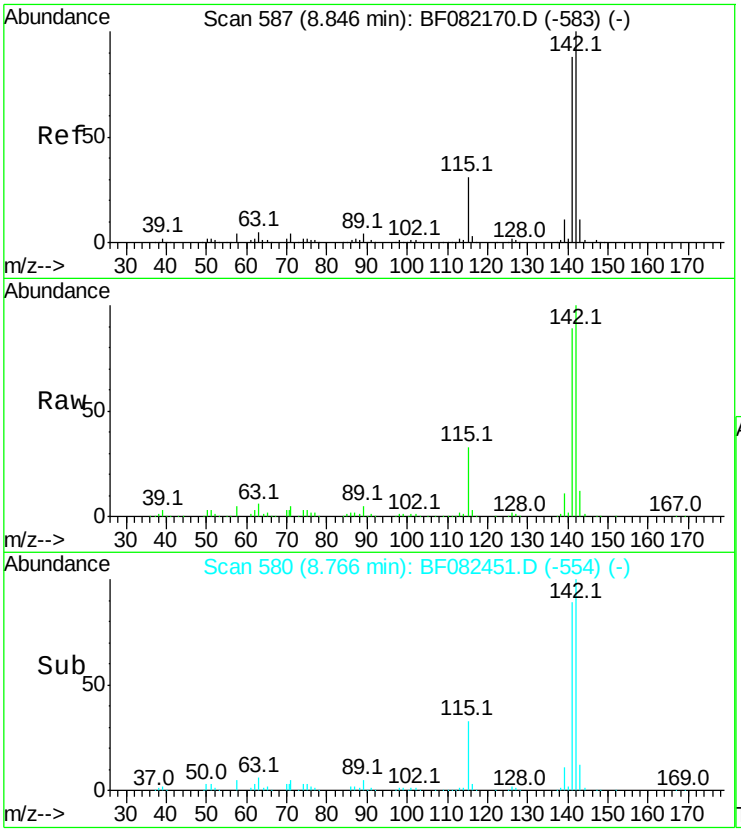


#36
4-Chloro-3-methylphenol
Concen: 34.42 ng
RT: 8.63 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:107 Resp: 180899

Ion	Ratio	Lower	Upper
107	100		
144	23.2	19.3	28.9
142	73.8	59.9	89.9

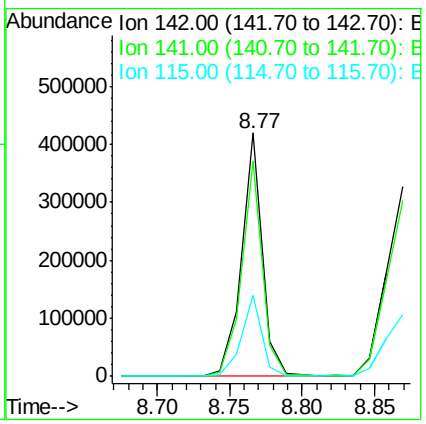




#37
2-Methylnaphthalene
Concen: 33.56 ng
RT: 8.77 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:142 Resp: 418222

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.4	105.6
115	33.4	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
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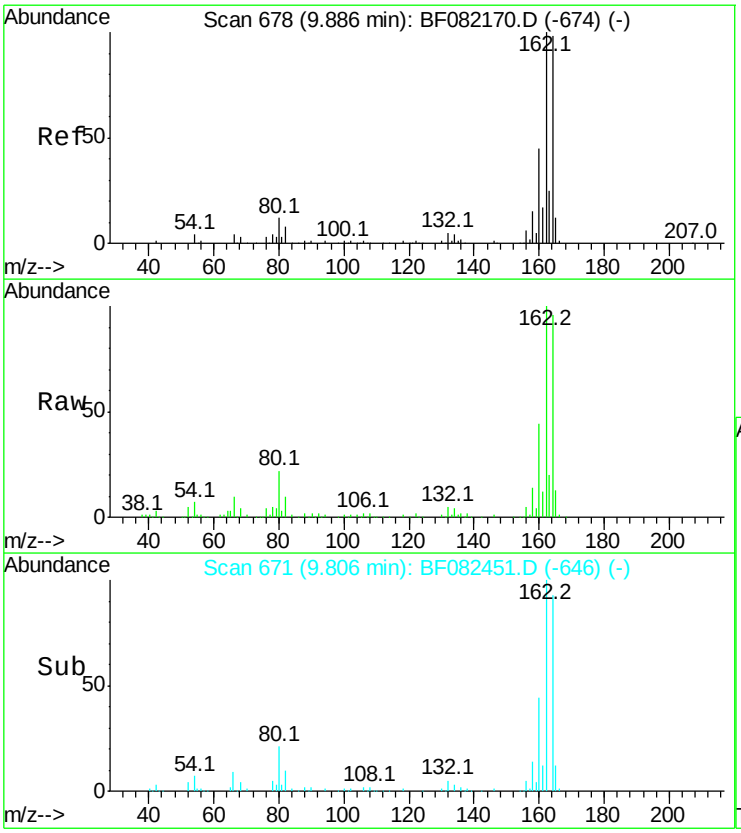
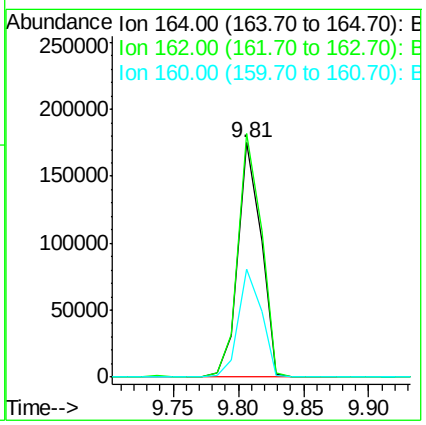
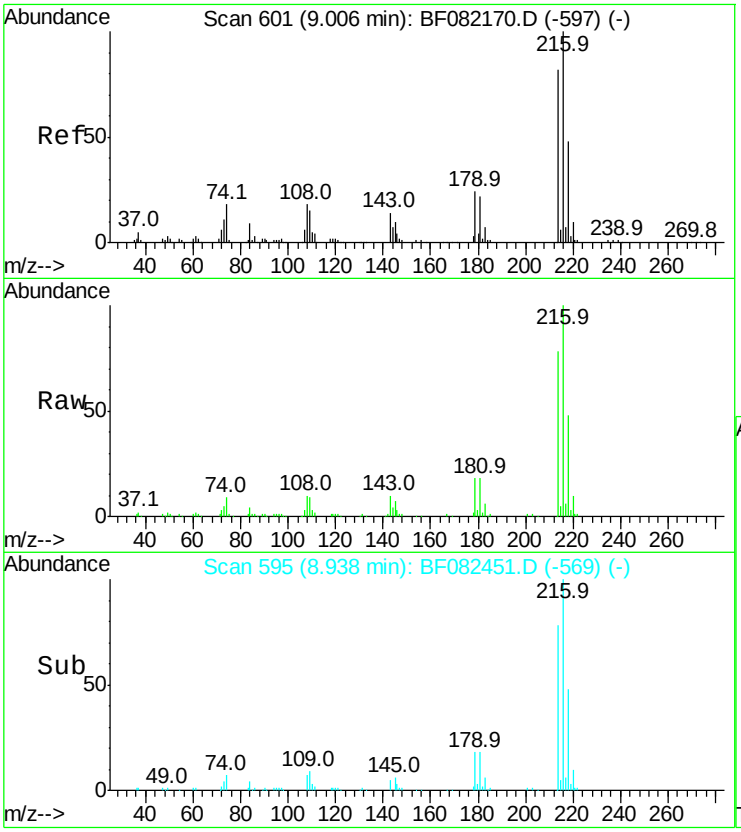


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:164 Resp: 214972

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.6	122.4
160	45.9	36.4	54.6

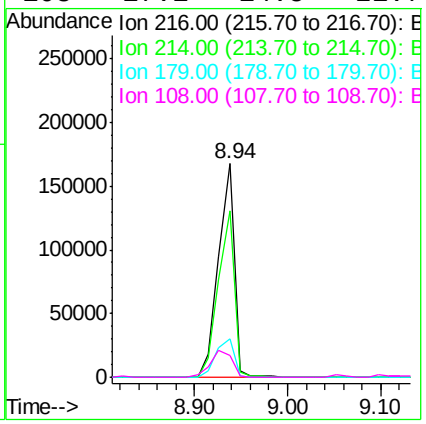




#39
1,2,4,5-Tetrachlorobenzene
Concen: 31.18 ng
RT: 8.94 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:216 Resp: 199400

Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.6	97.0
179	20.3	17.6	26.4
108	17.1	14.5	21.7



Instrument :
BNA_F
ClientSampleId :
PB86210BS

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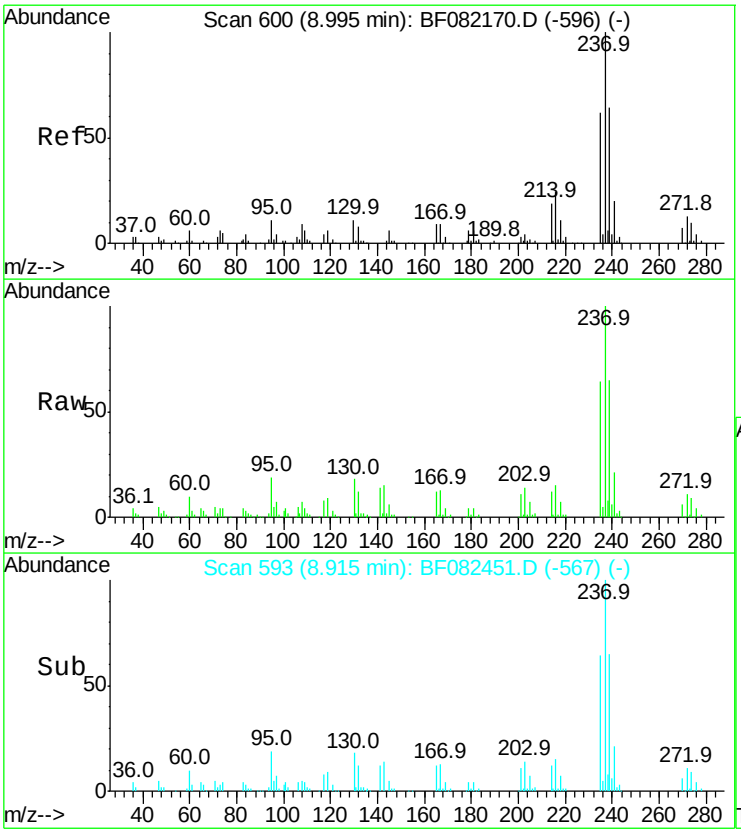
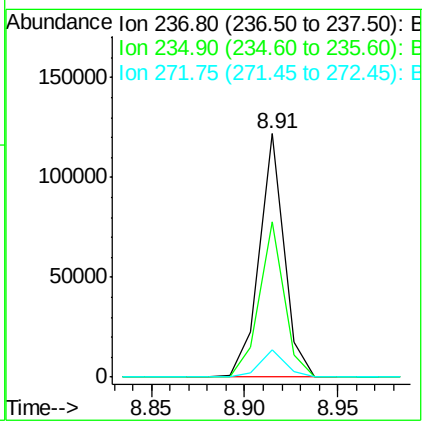
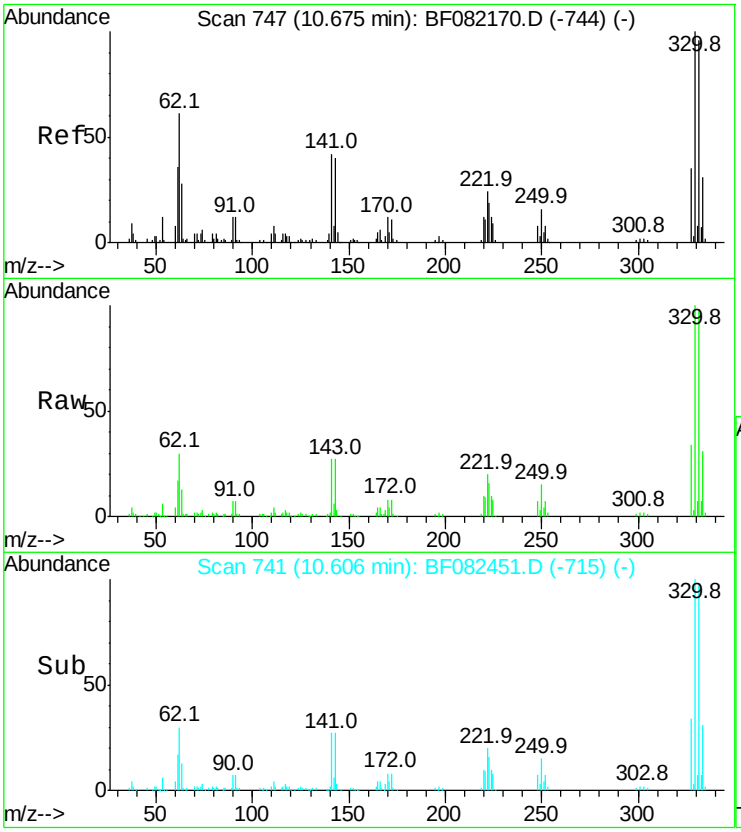


#40
Hexachlorocyclopentadiene
Concen: 39.29 ng
RT: 8.91 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:237 Resp: 111872

Ion	Ratio	Lower	Upper
237	100		
235	63.9	41.7	81.7
272	11.3	0.0	32.8

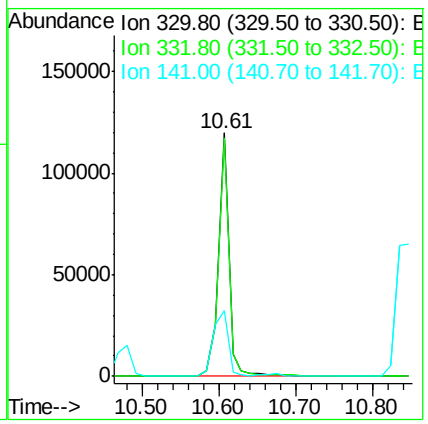




#41
2,4,6-Tribromophenol
Concen: 57.46 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:330 Resp: 115840

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	38.1	29.8	44.8



Instrument :
BNA_F
ClientSampleId :
PB86210BS

Manual Integrations APPROVED
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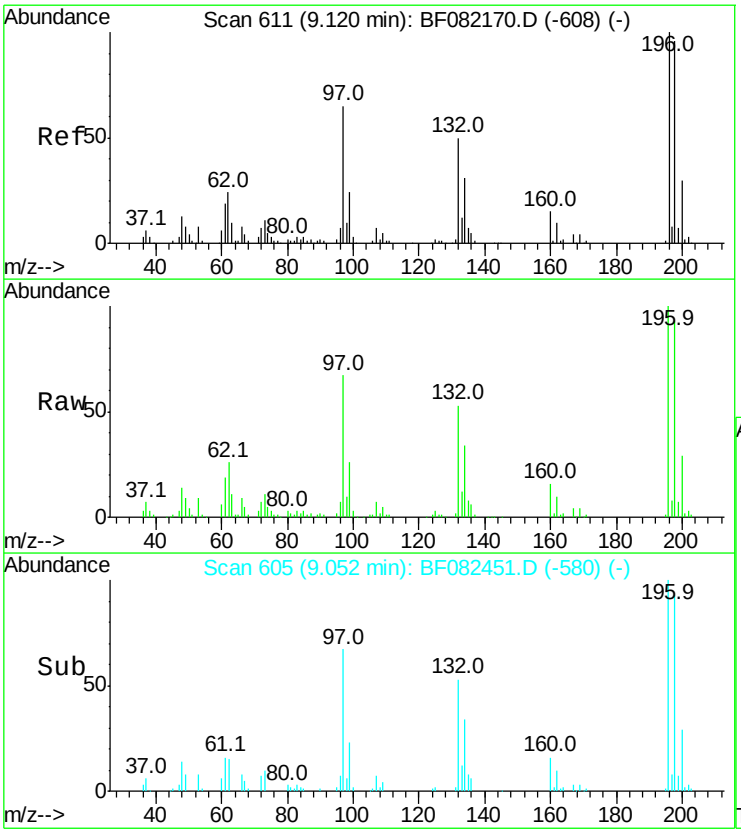
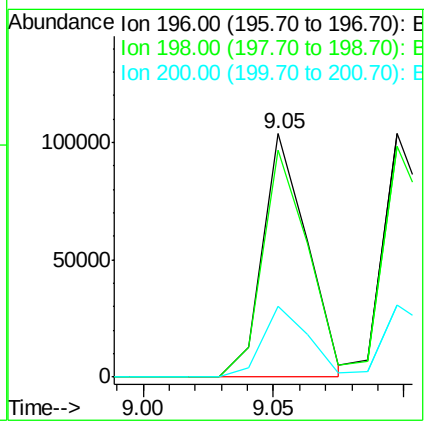
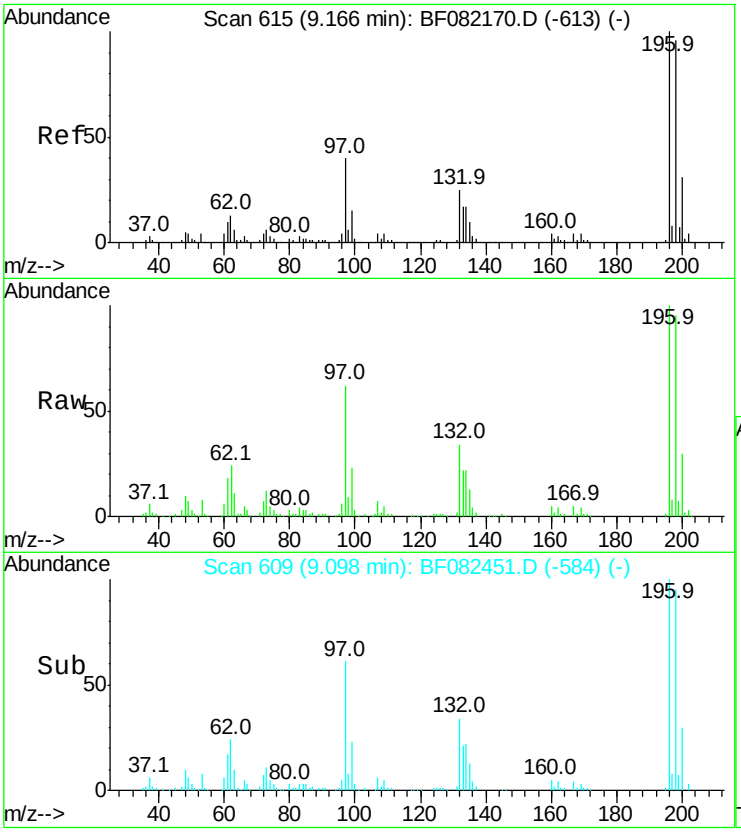


#42
2,4,6-Trichlorophenol
Concen: 28.91 ng
RT: 9.05 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:196 Resp: 122777

Ion	Ratio	Lower	Upper
196	100		
198	93.5	76.6	115.0
200	29.2	23.7	35.5

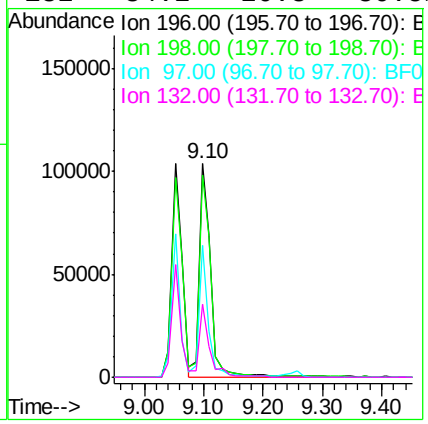




#43
2,4,5-Trichlorophenol
Concen: 30.52 ng
RT: 9.10 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:196 Resp: 140426

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.0	115.4
97	61.7	31.9	47.9#
132	34.2	20.3	30.5#



Instrument :
BNA_F
ClientSampleId :
PB86210BS

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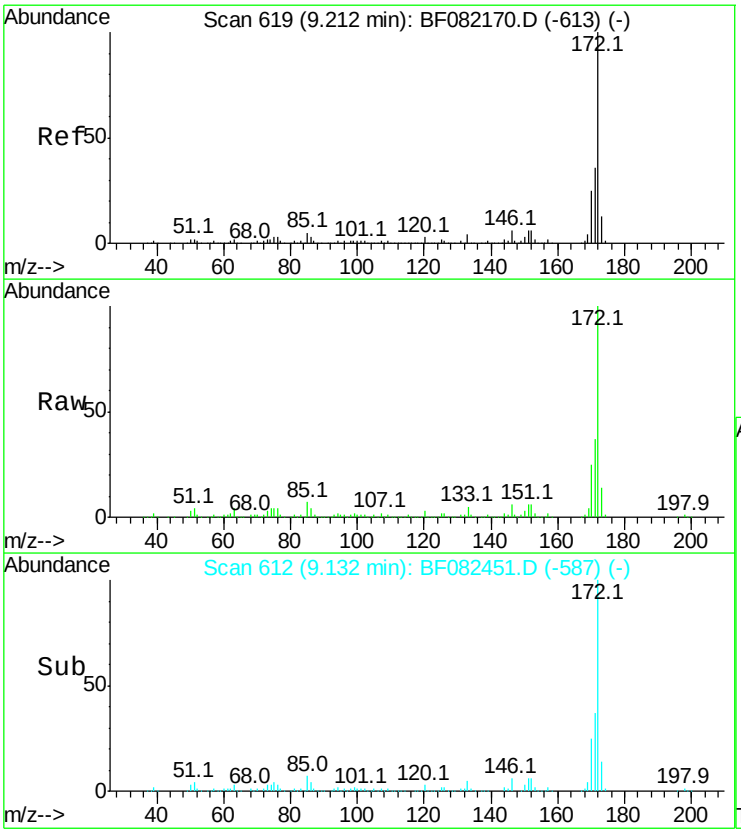
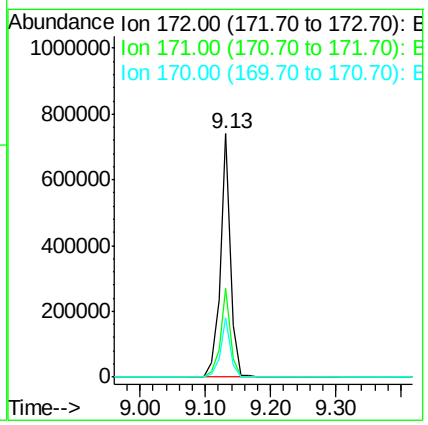
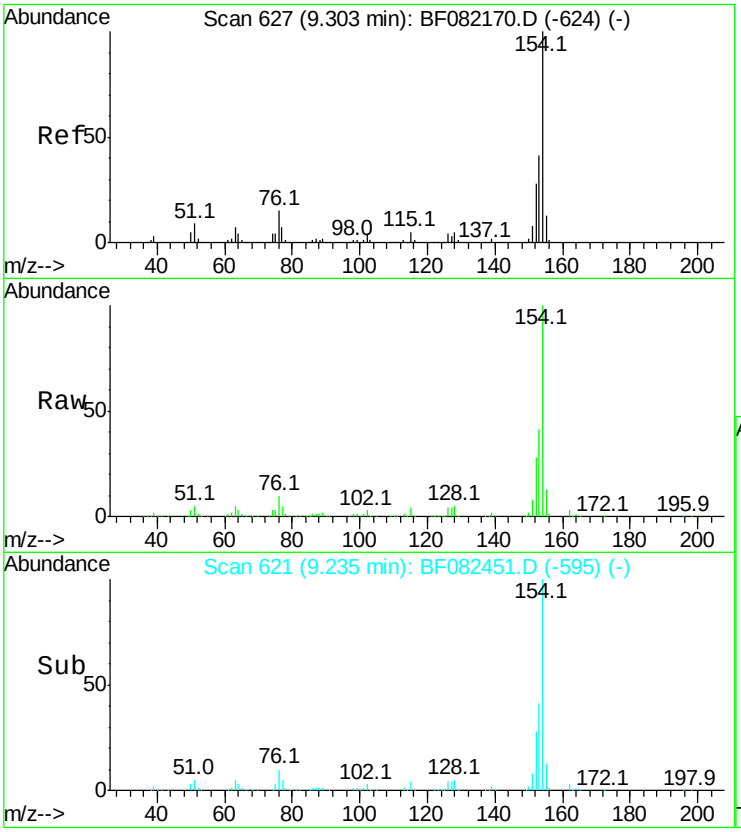


#44
2-Fluorobiphenyl
Concen: 63.34 ng
RT: 9.13 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:172 Resp: 821071

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	42.8
170	24.6	19.7	29.5

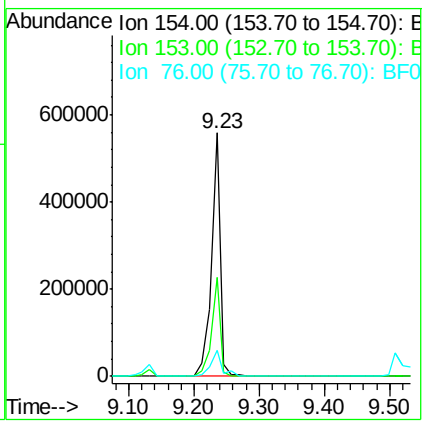




#45
1,1'-Biphenyl
Concen: 32.85 ng
RT: 9.23 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:154 Resp: 538471

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	10.4	0.0	35.2



Instrument :
BNA_F
ClientSampleId :
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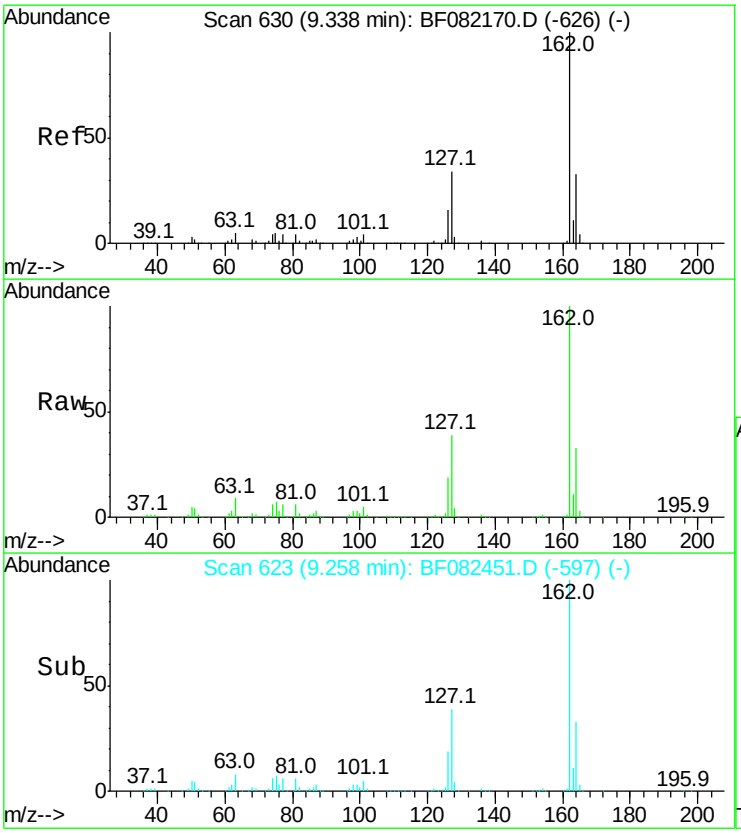
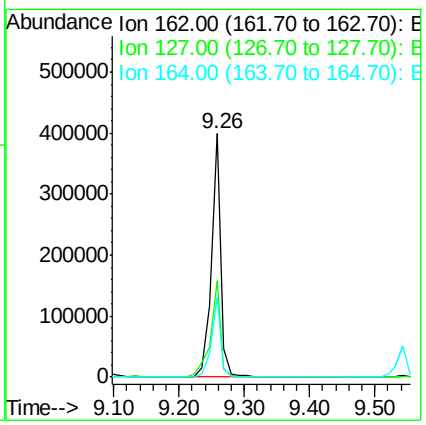
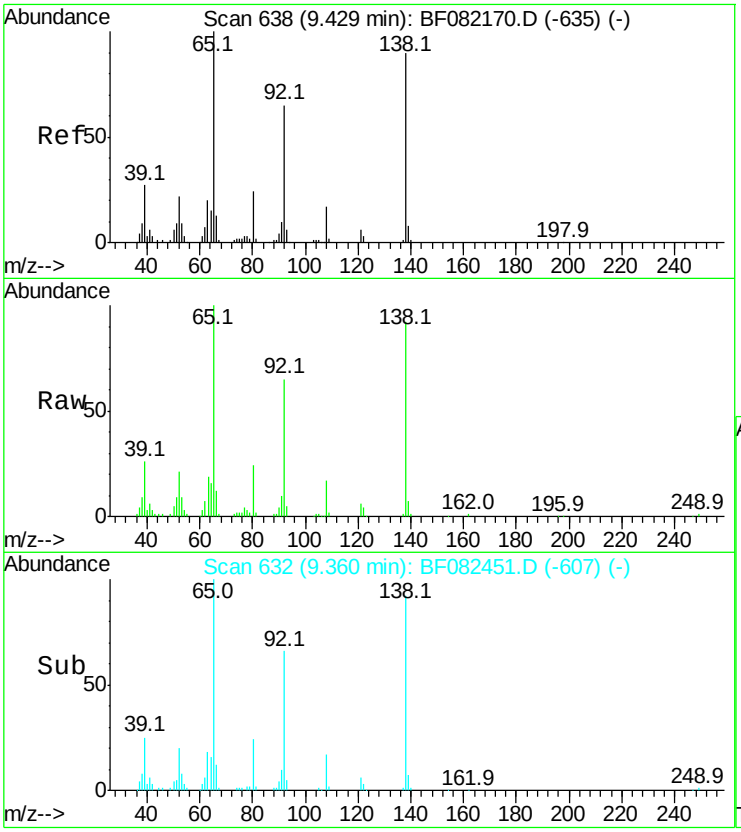


#46
2-Chloronaphthalene
Concen: 31.59 ng
RT: 9.26 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:162 Resp: 407594

Ion	Ratio	Lower	Upper
162	100		
127	39.3	27.5	41.3
164	32.8	26.6	39.8

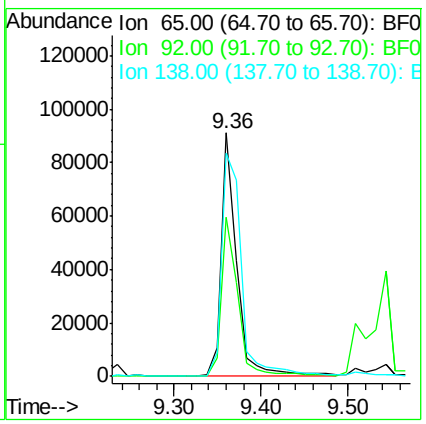




#47
2-Nitroaniline
Concen: 32.41 ng
RT: 9.36 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion: 65 Resp: 114808

Ion	Ratio	Lower	Upper
65	100		
92	65.3	52.3	78.5
138	91.9	72.2	108.4



Instrument :
BNA_F
ClientSampleId :
PB86210BS

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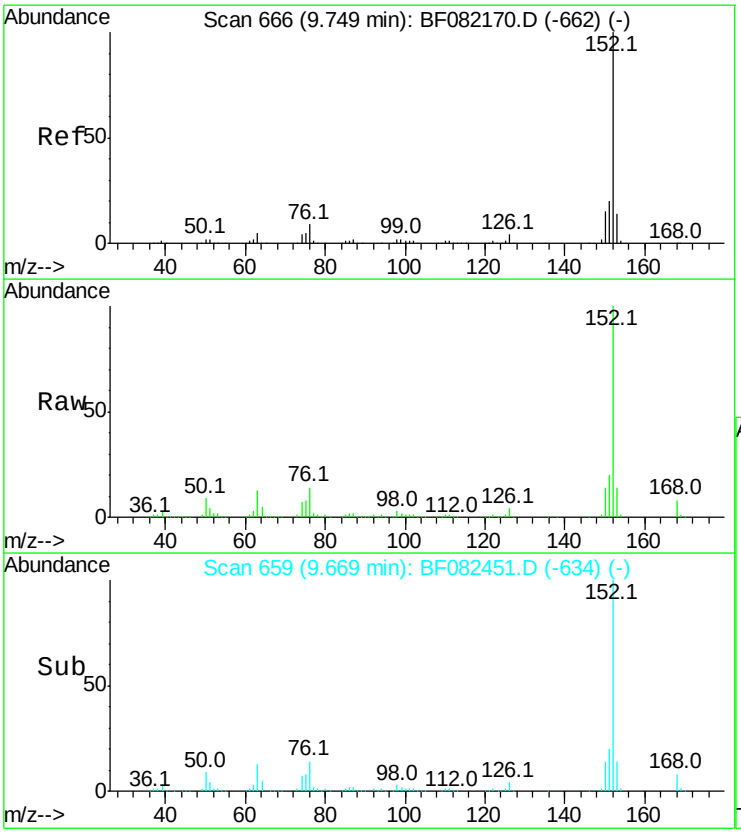
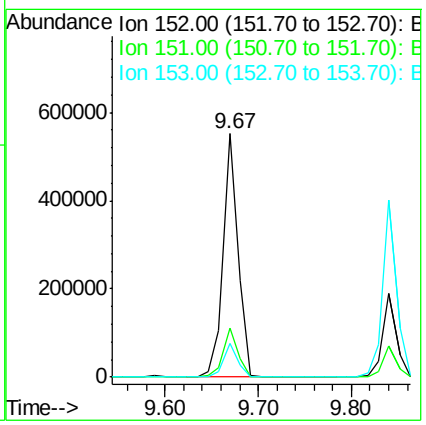
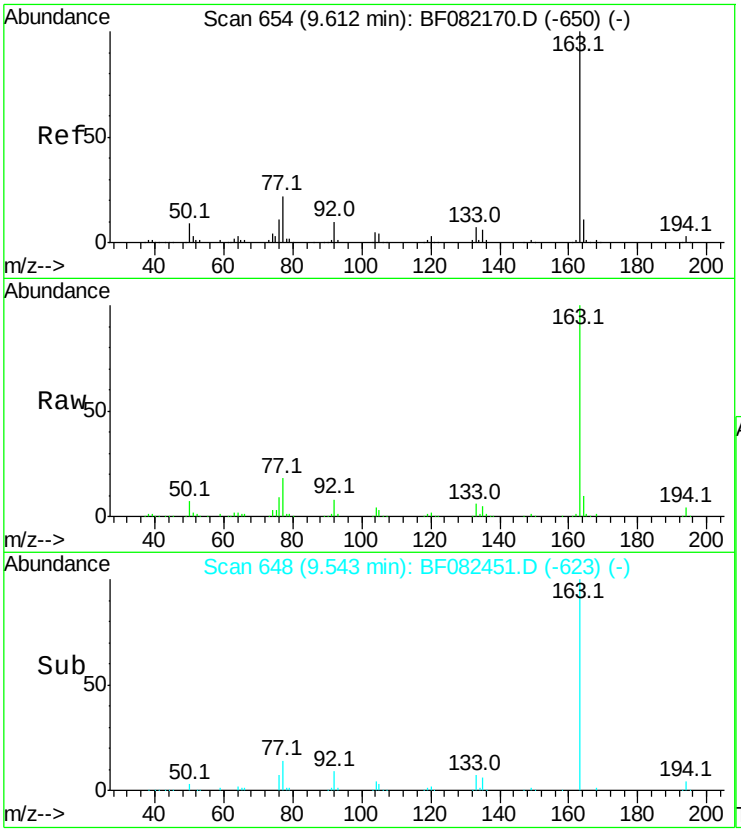


#48
Acenaphthylene
Concen: 30.73 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:152 Resp: 617683

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6
153	13.8	10.8	16.2

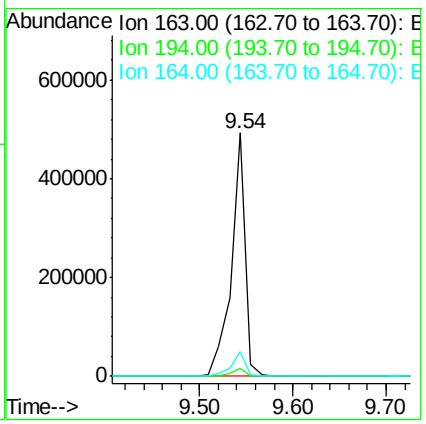




#49
Dimethylphthalate
Concen: 33.74 ng
RT: 9.54 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:163 Resp: 510698

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.3	8.5	12.7



Instrument :
BNA_F
ClientSampleId :
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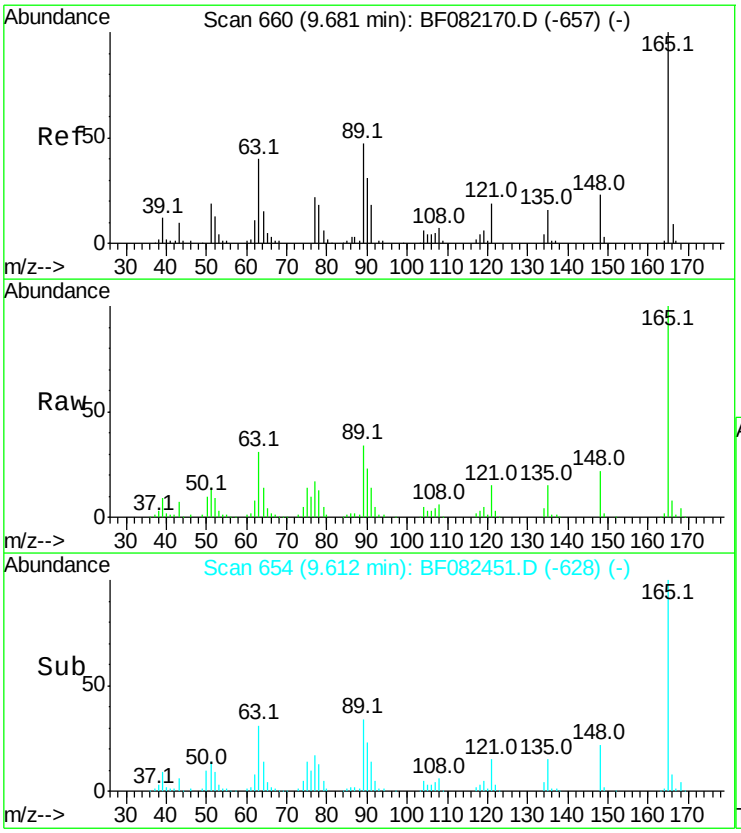
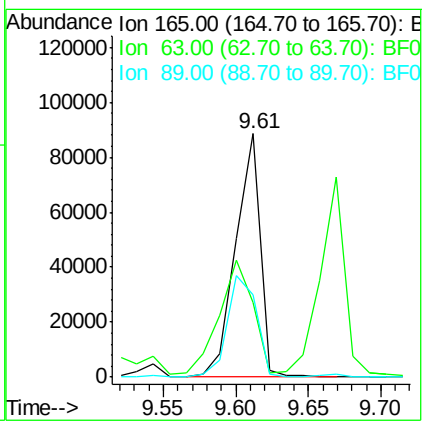
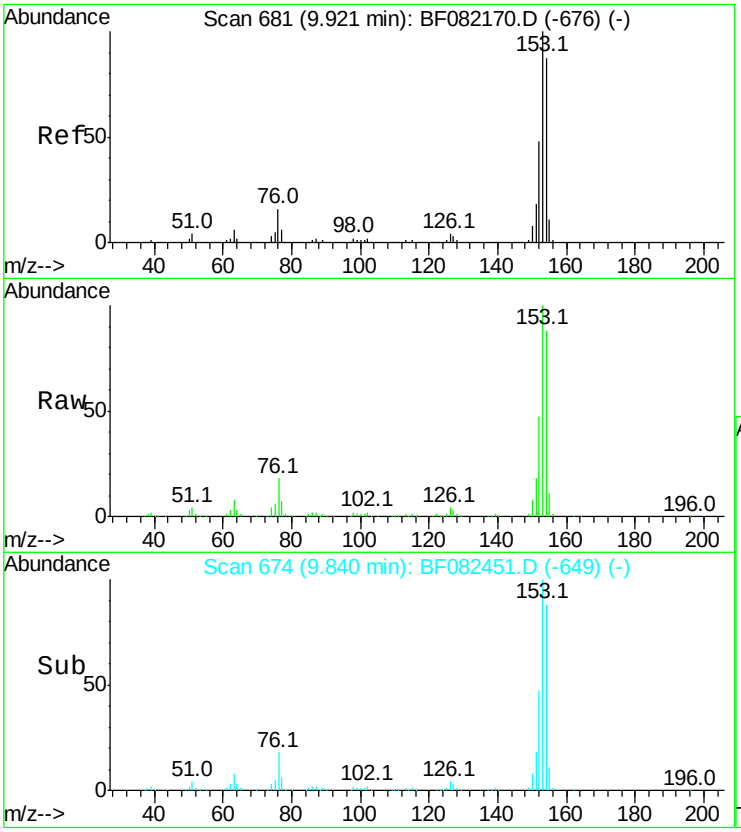


#50
2,6-Dinitrotoluene
Concen: 32.79 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:165 Resp: 104750

Ion	Ratio	Lower	Upper
165	100		
63	30.7	36.7	55.1#
89	33.7	37.8	56.6#

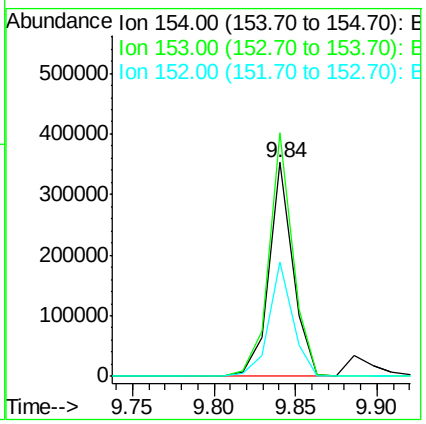




#51
Acenaphthene
Concen: 30.08 ng
RT: 9.84 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:154 Resp: 363001

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.4	137.2
152	53.6	44.3	66.5



Instrument :
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ClientSampleId :
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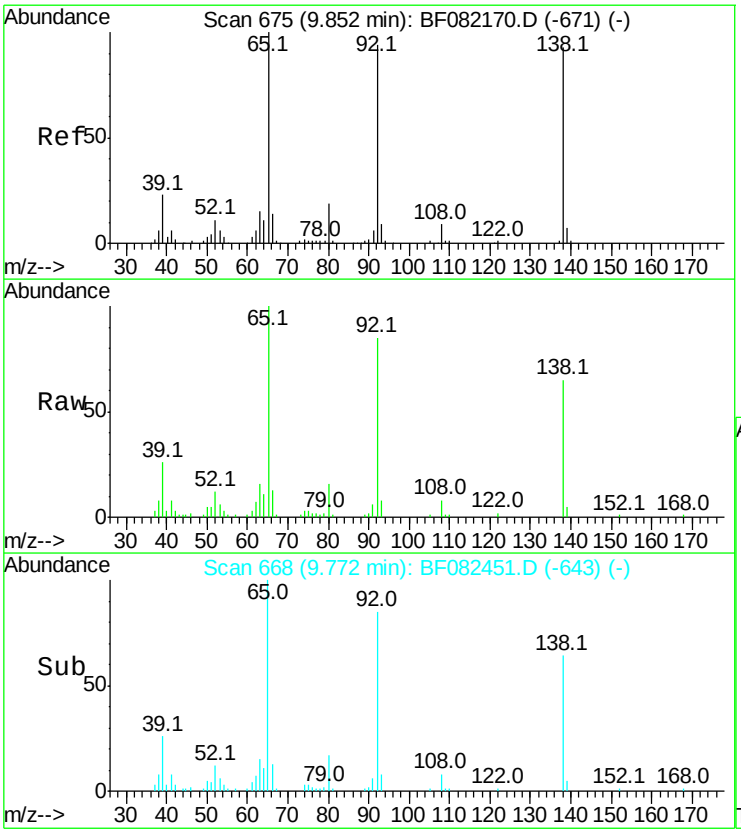
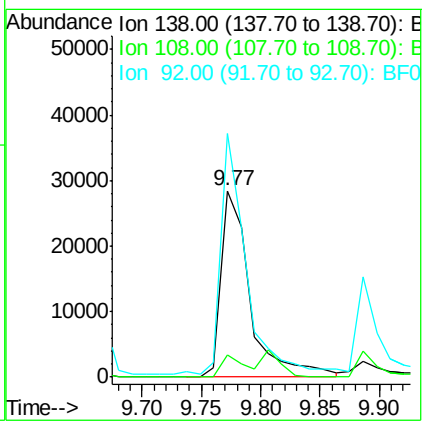
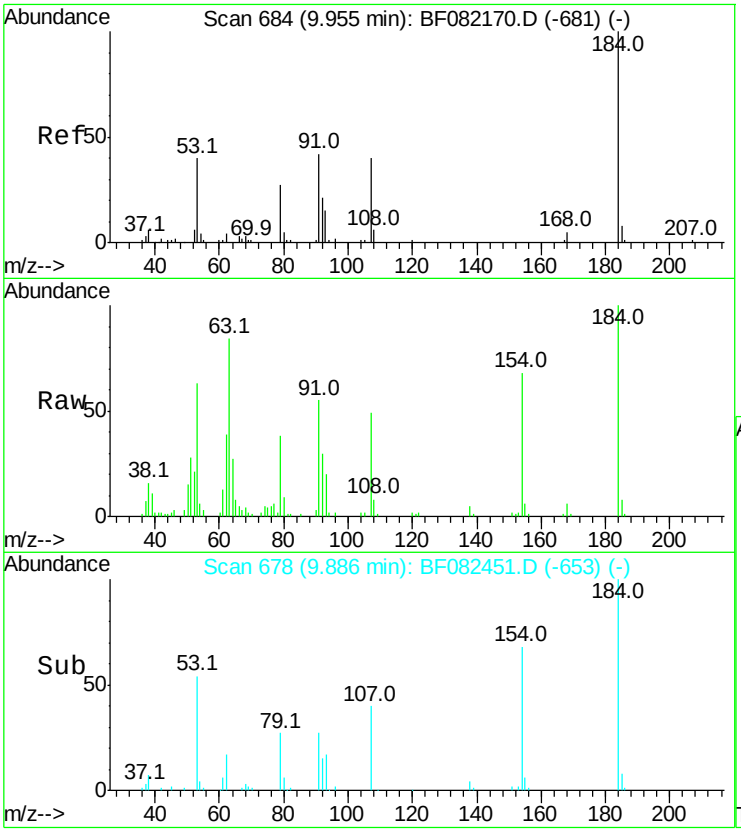


#52
3-Nitroaniline
Concen: 13.43 ng
RT: 9.77 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:138 Resp: 48454

Ion	Ratio	Lower	Upper
138	100		
108	12.1	7.4	11.0#
92	130.5	81.3	121.9#

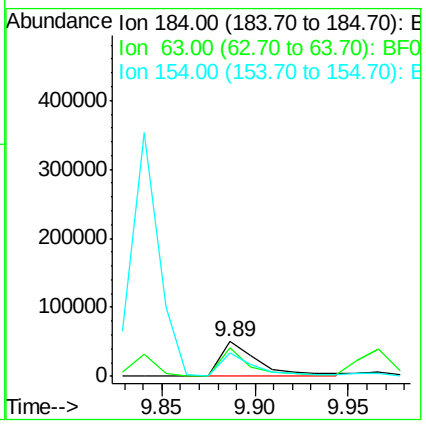




#53
2,4-Dinitrophenol
Concen: 43.13 ng
RT: 9.89 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:184 Resp: 71264

Ion	Ratio	Lower	Upper
184	100		
63	83.6	45.1	67.7#
154	68.5	51.2	76.8



Instrument :
BNA_F
ClientSampleId :
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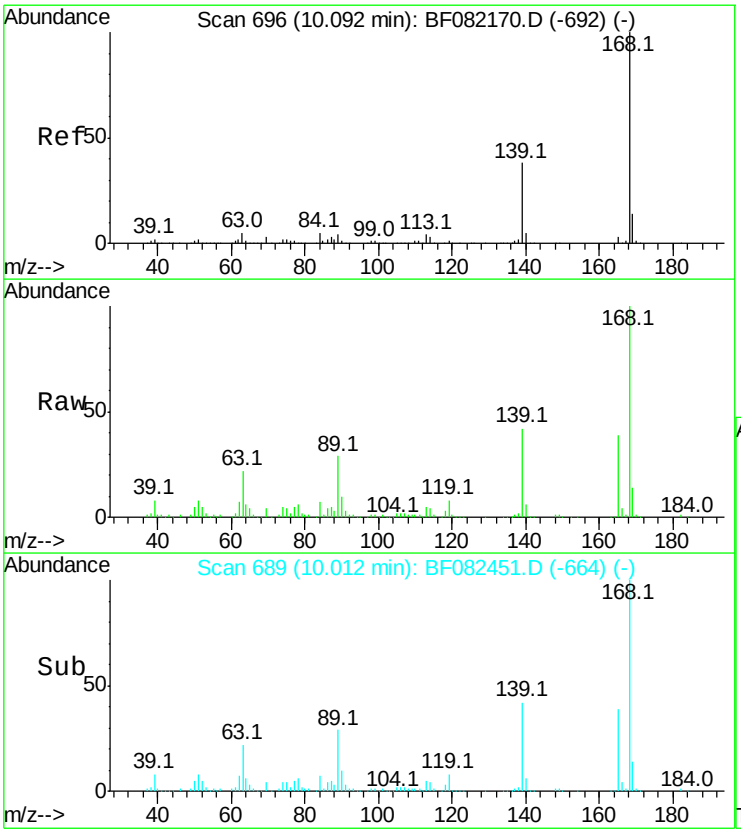
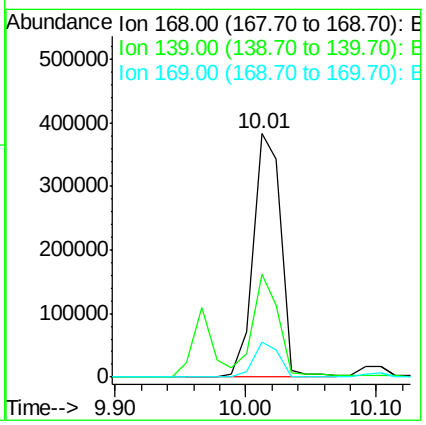
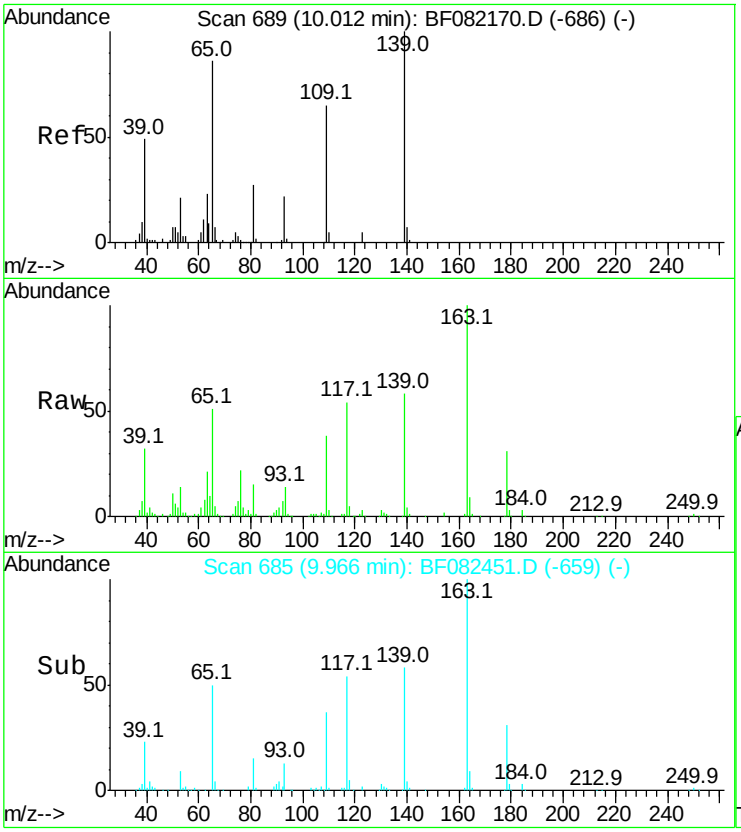


#54
Dibenzofuran
Concen: 34.03 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:168 Resp: 563831

Ion	Ratio	Lower	Upper
168	100		
139	42.0	31.0	46.6
169	14.1	10.9	16.3

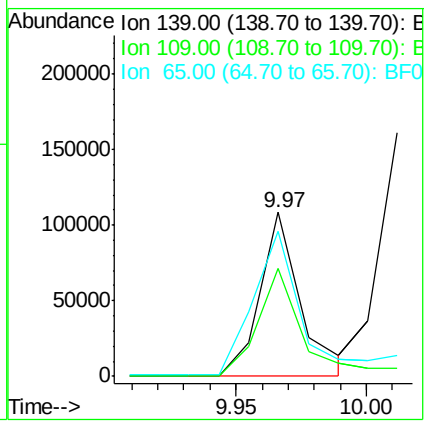




#55
4-Nitrophenol
Concen: 54.04 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:139 Resp: 117283

Ion	Ratio	Lower	Upper
139	100		
109	65.5	44.8	84.8
65	88.8	67.7	107.7



Instrument :
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ClientSampleId :
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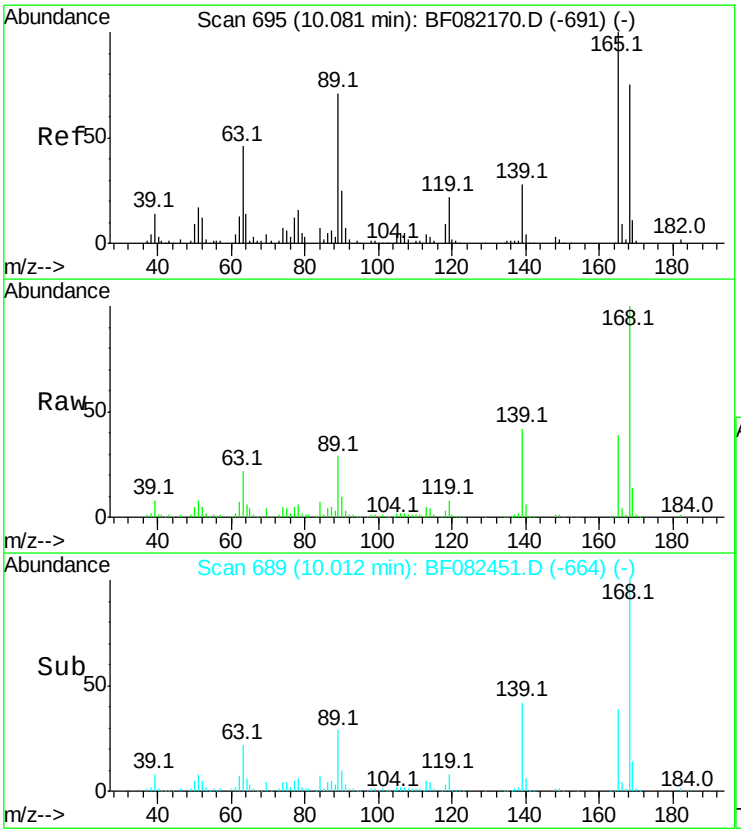
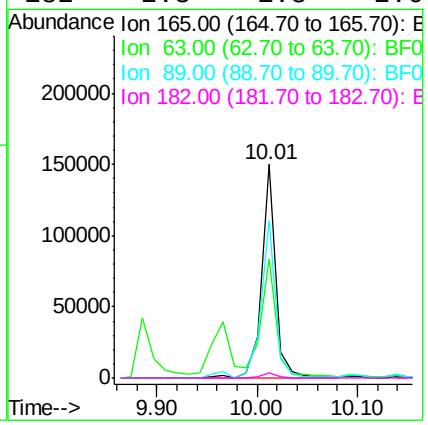
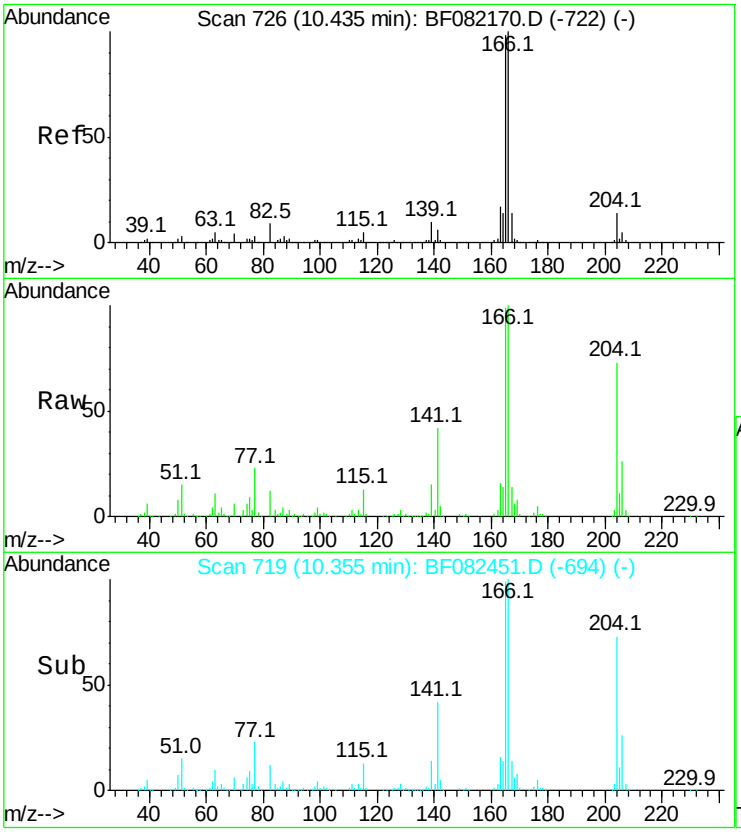


#56
2,4-Dinitrotoluene
Concen: 36.25 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:165 Resp: 144735

Ion	Ratio	Lower	Upper
165	100		
63	55.9	38.6	58.0
89	73.8	57.0	85.6
182	2.3	1.8	2.6

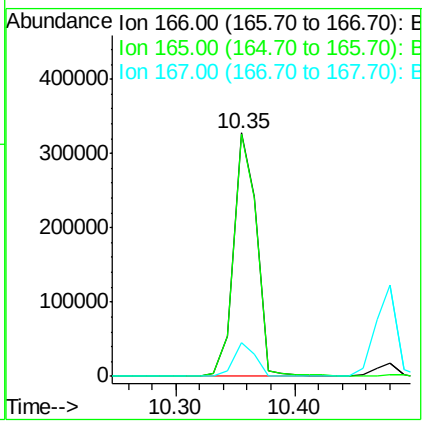




#57
Fluorene
Concen: 32.49 ng
RT: 10.35 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:166 Resp: 442137

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.3	117.5
167	14.1	10.8	16.2



Instrument :
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ClientSampleId :
PB86210BS

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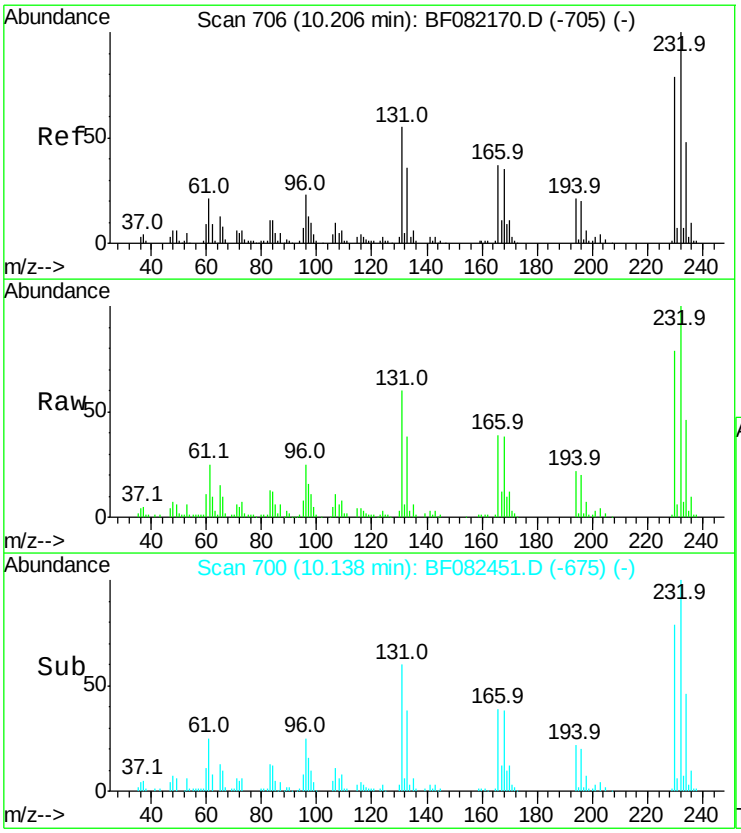
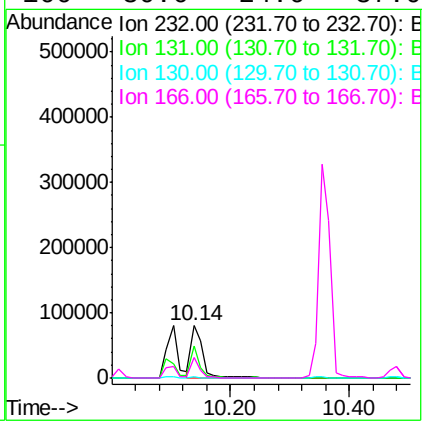
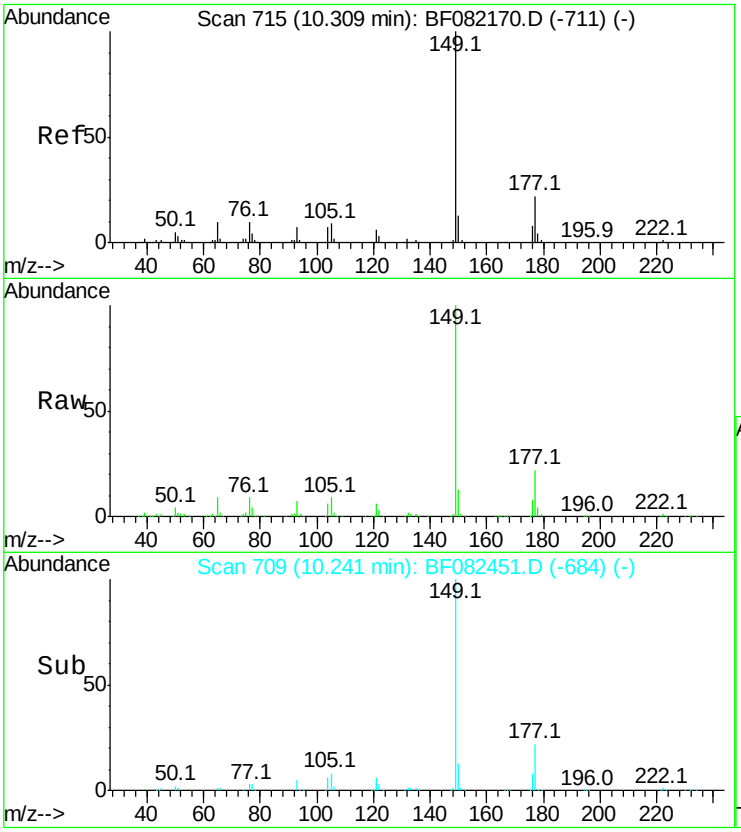


#58
2,3,4,6-Tetrachlorophenol
Concen: 29.73 ng
RT: 10.14 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:232 Resp: 111735

Ion	Ratio	Lower	Upper
232	100		
131	47.5	36.6	54.8
130	2.0	1.5	2.3
166	30.6	24.6	37.0

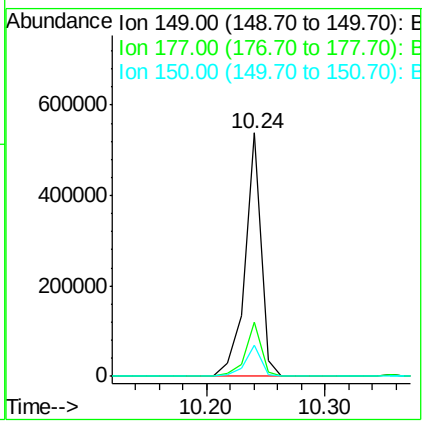




#59
Diethylphthalate
Concen: 35.94 ng
RT: 10.24 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:149 Resp: 507060

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.6	26.4
150	12.8	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
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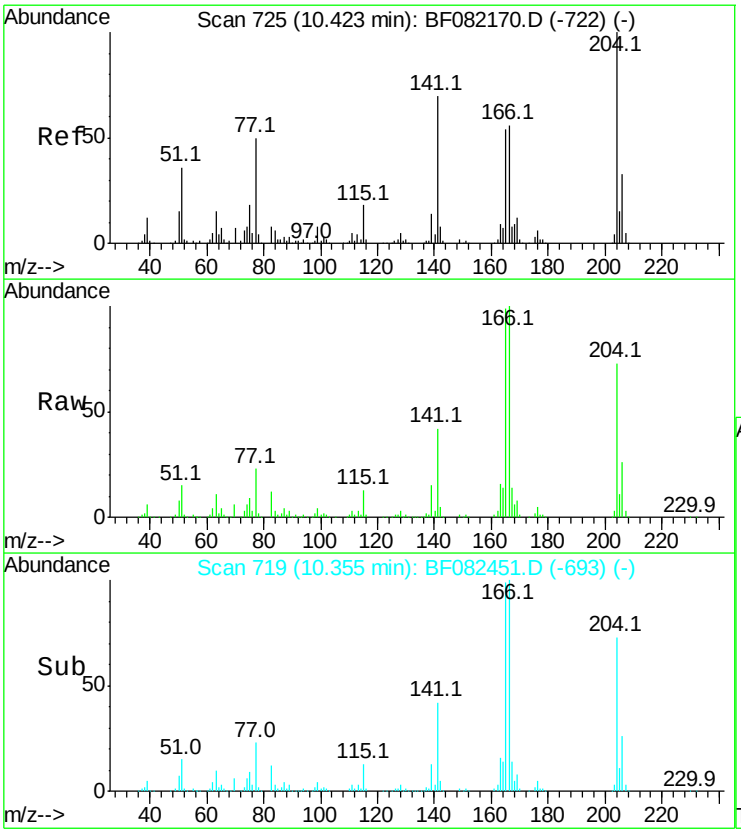
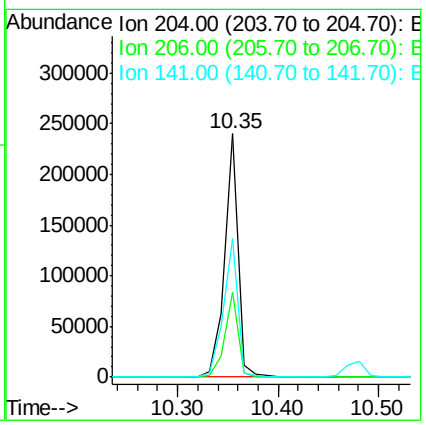
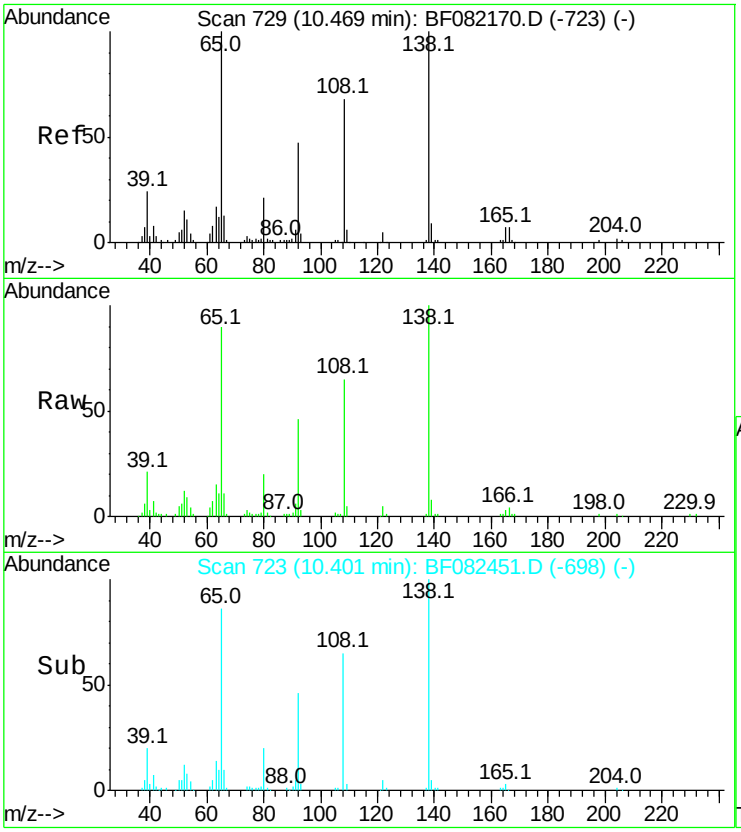


#60
4-Chlorophenyl-phenylether
Concen: 35.92 ng
RT: 10.35 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:204 Resp: 223892

Ion	Ratio	Lower	Upper
204	100		
206	34.9	26.8	40.2
141	56.8	56.1	84.1

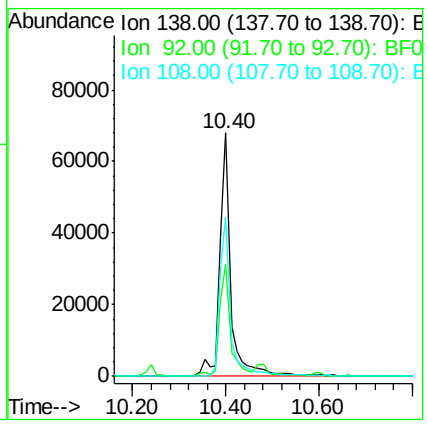




#61
4-Nitroaniline
Concen: 31.36 ng
RT: 10.40 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:138 Resp: 109735

Ion	Ratio	Lower	Upper
138	100		
92	46.0	26.8	66.8
108	65.2	48.4	88.4



Instrument :
BNA_F
ClientSampleId :
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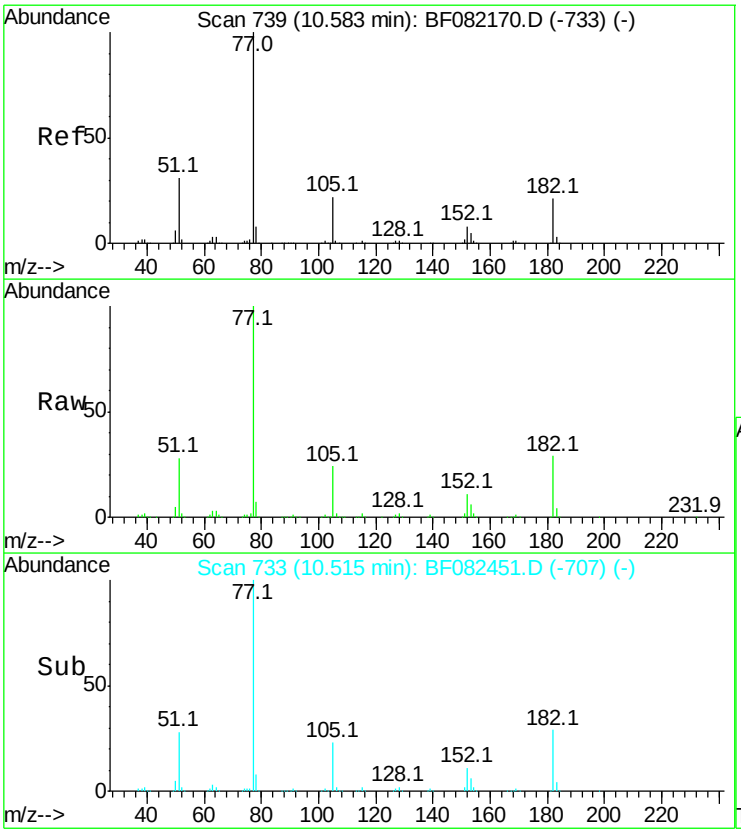
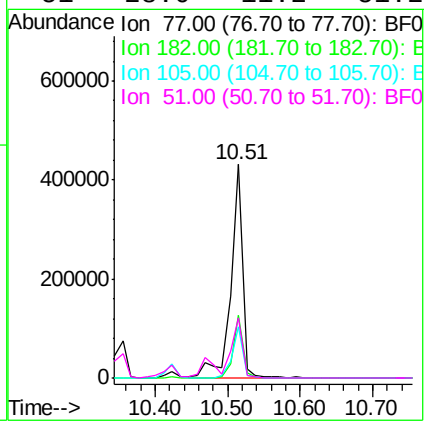
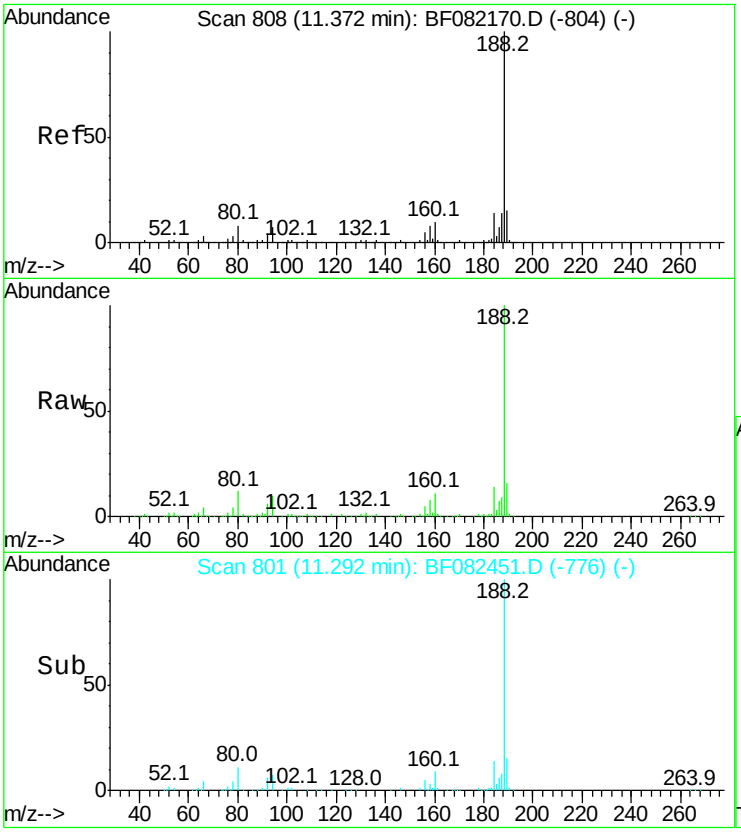


#62
Azobenzene
Concen: 34.80 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion: 77 Resp: 480639

Ion	Ratio	Lower	Upper
77	100		
182	29.2	0.5	40.5
105	24.0	1.8	41.8
51	28.0	11.2	51.2





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:188 Resp: 421026

Ion	Ratio	Lower	Upper
188	100		
94	10.3	5.8	8.6#
80	11.8	6.4	9.6#

Instrument :
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ClientSampleId :
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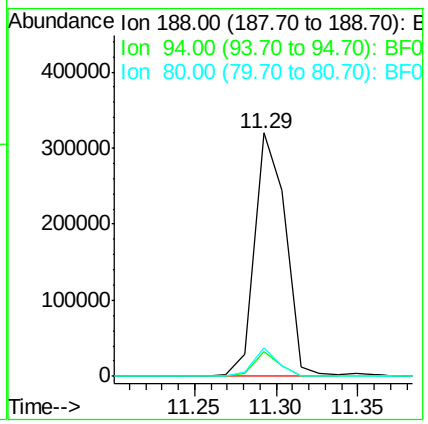
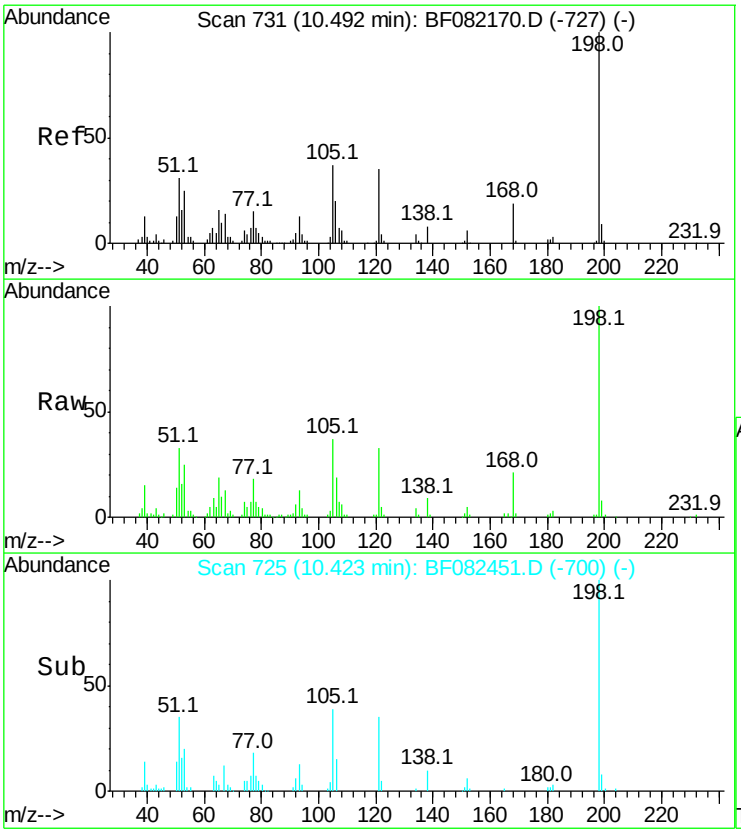
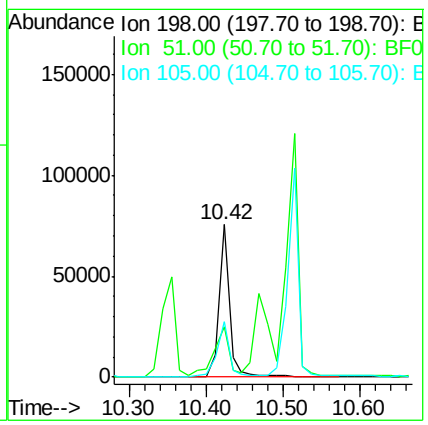


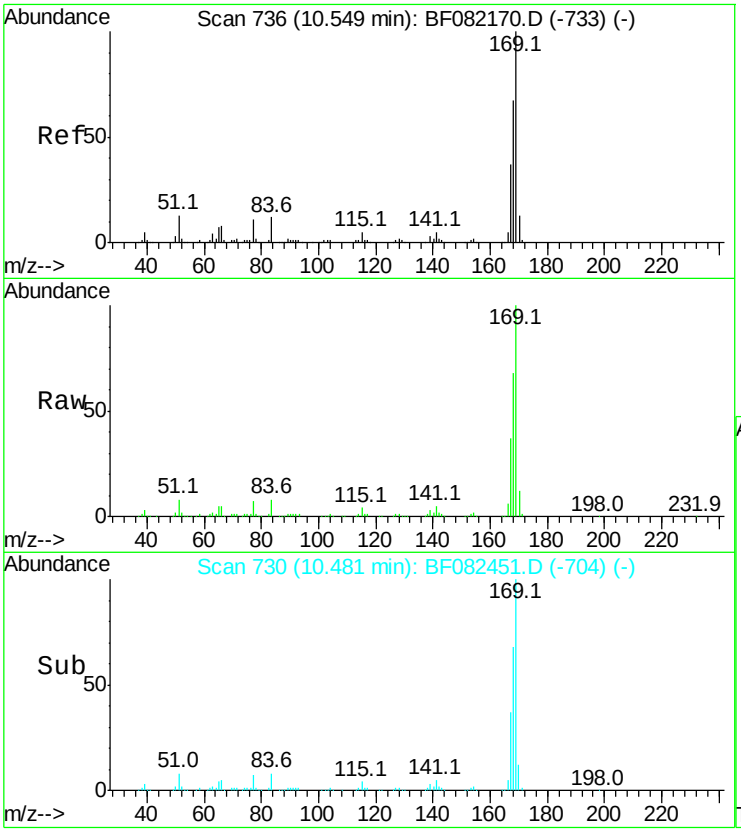


#64
4,6-Dinitro-2-methylphenol
Concen: 30.62 ng
RT: 10.42 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:198 Resp: 72347

Ion	Ratio	Lower	Upper
198	100		
51	33.0	13.6	53.6
105	36.9	17.1	57.1

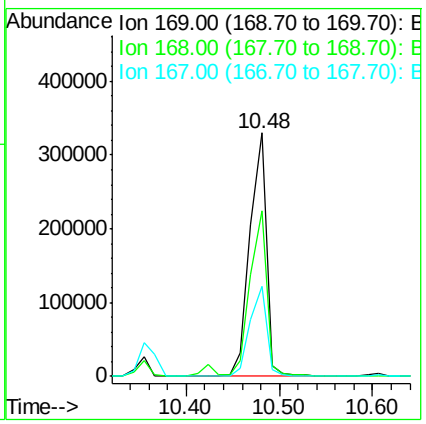




#65
n-Nitrosodiphenylamine
Concen: 32.53 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:169 Resp: 410034

Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.0	81.0
167	37.1	29.6	44.4



Instrument :
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ClientSampleId :
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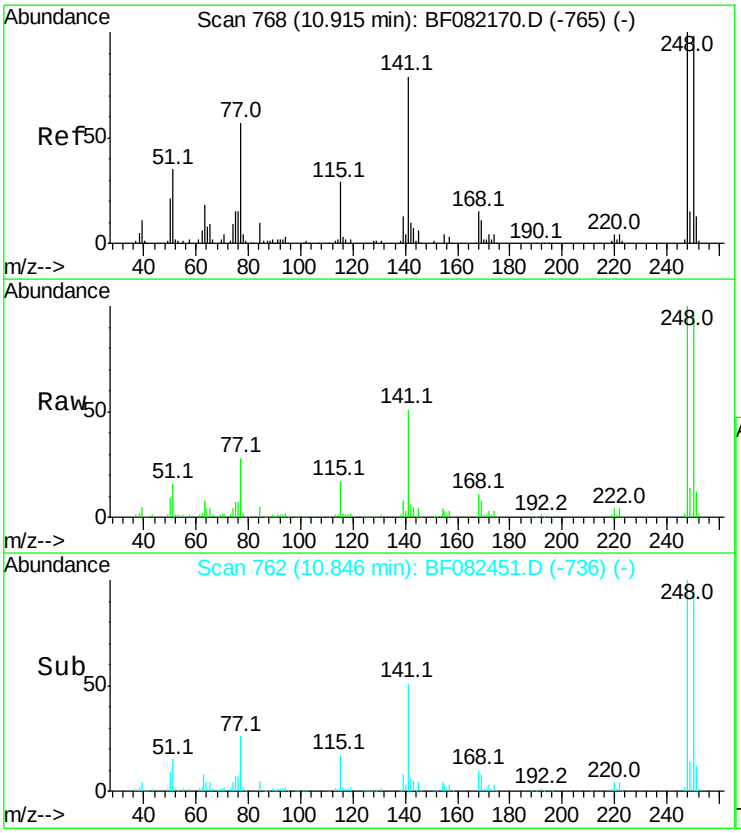
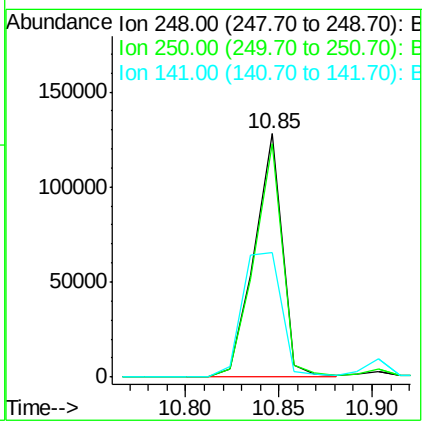
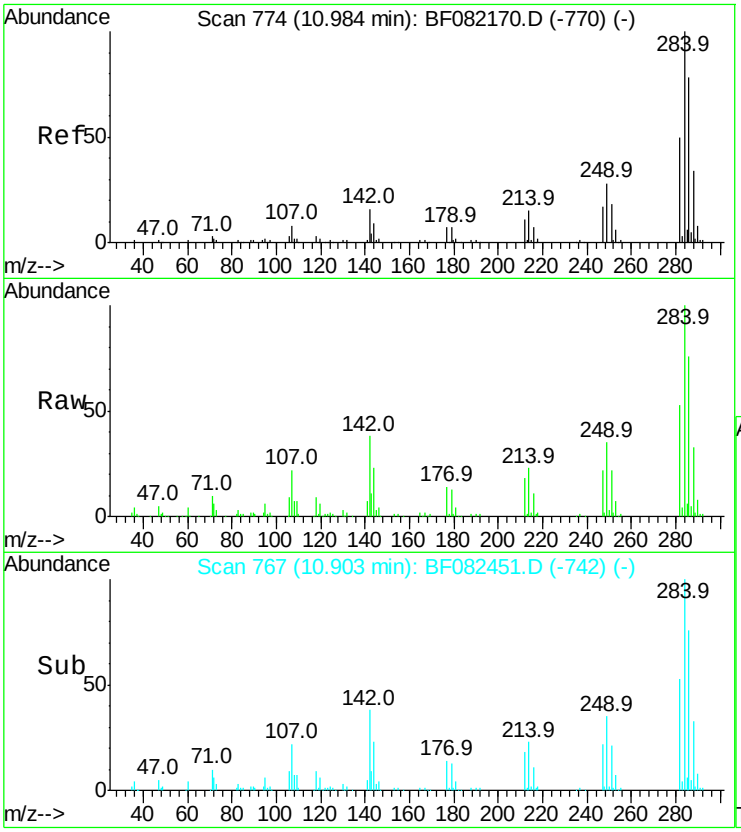


#66
4-Bromophenyl-phenylether
Concen: 31.70 ng
RT: 10.85 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:248 Resp: 133587

Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.6	117.8
141	51.0	63.3	94.9#

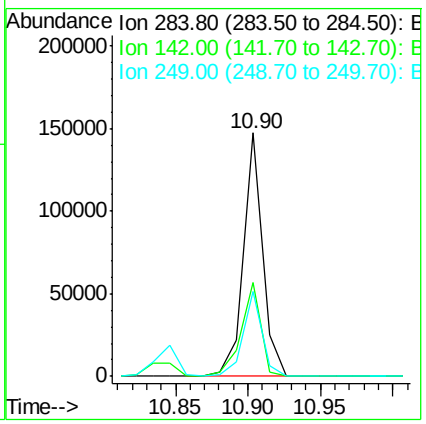




#67
Hexachlorobenzene
Concen: 29.83 ng
RT: 10.90 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:284 Resp: 135955

Ion	Ratio	Lower	Upper
284	100		
142	38.4	13.0	19.6#
249	35.1	22.5	33.7#



Instrument :
BNA_F
ClientSampleId :
PB86210BS

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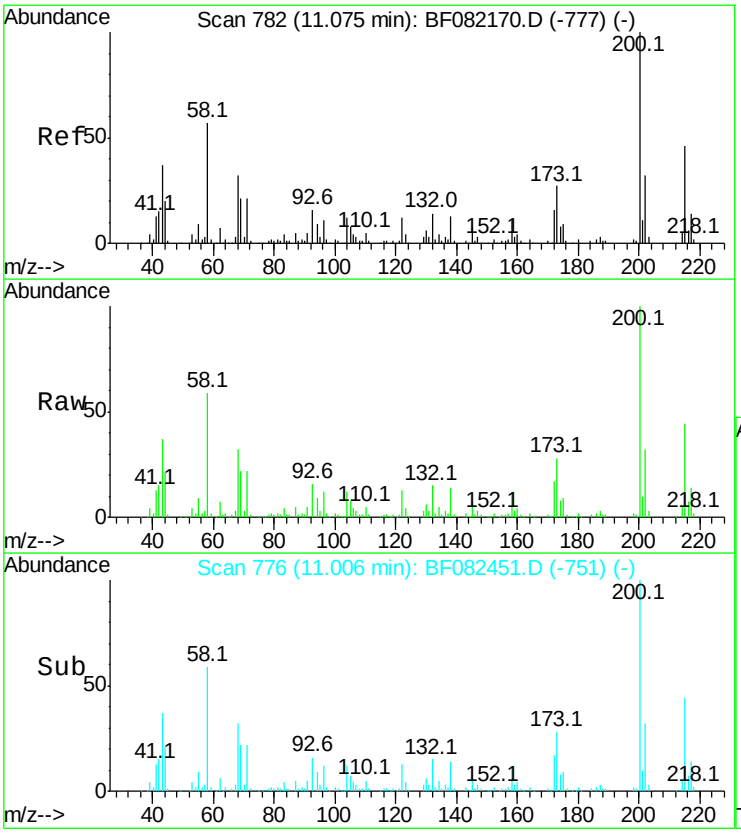
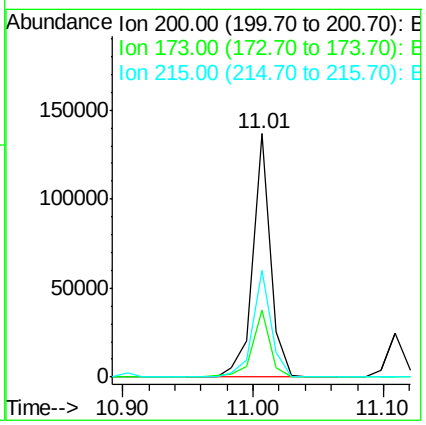
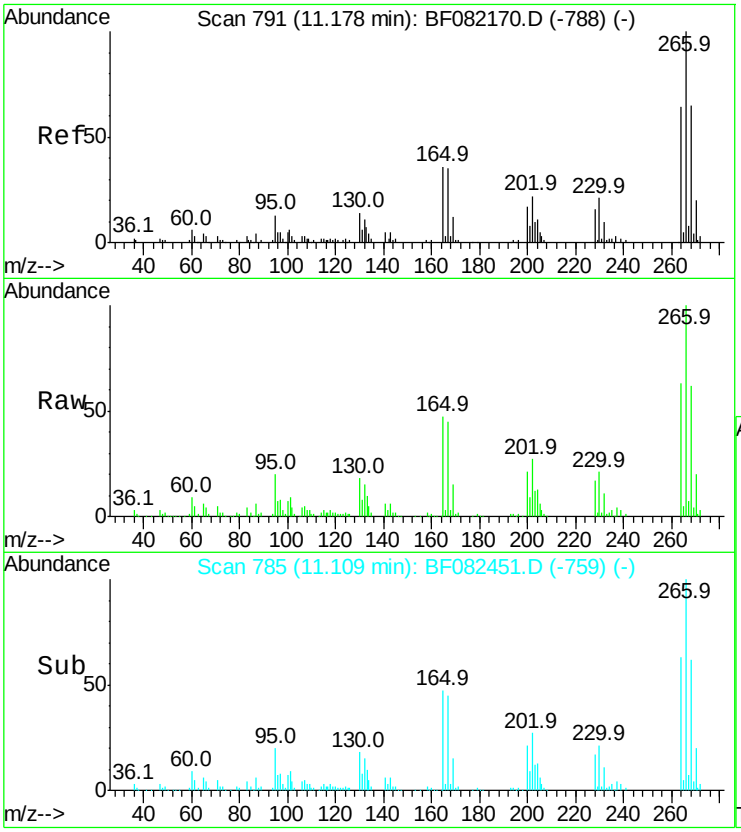


#68
Atrazine
Concen: 32.59 ng
RT: 11.01 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:200 Resp: 130150

Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.3	47.3
215	43.8	26.2	66.2

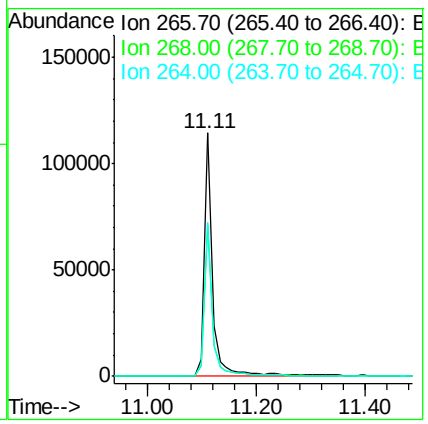




#69
Pentachlorophenol
Concen: 52.02 ng
RT: 11.11 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:266 Resp: 121989

Ion	Ratio	Lower	Upper
266	100		
268	62.4	52.0	78.0
264	63.1	51.4	77.0



Instrument :
BNA_F
ClientSampleId :
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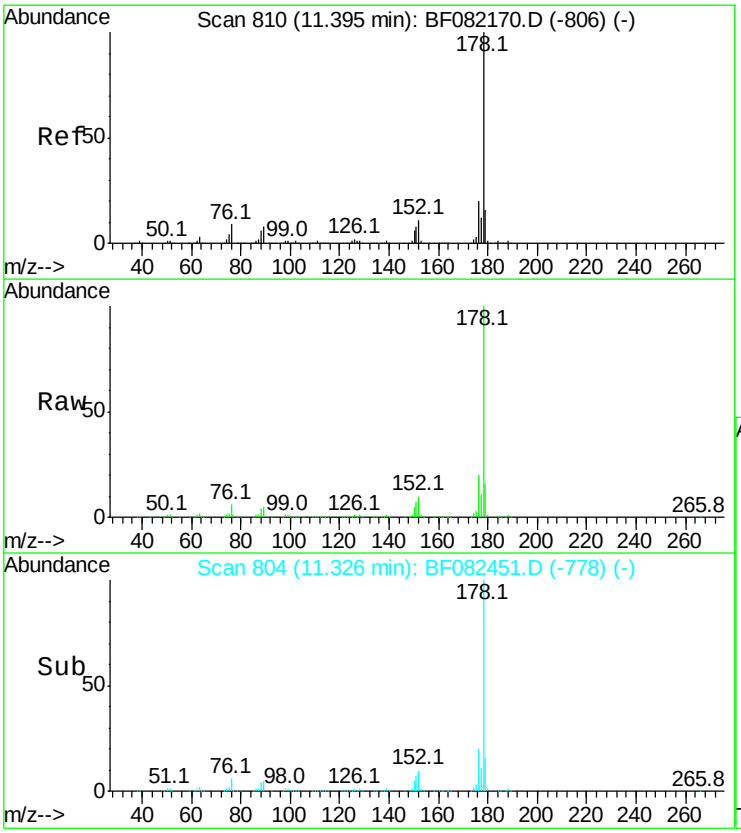
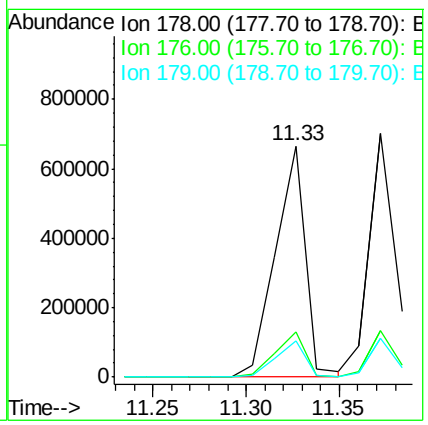
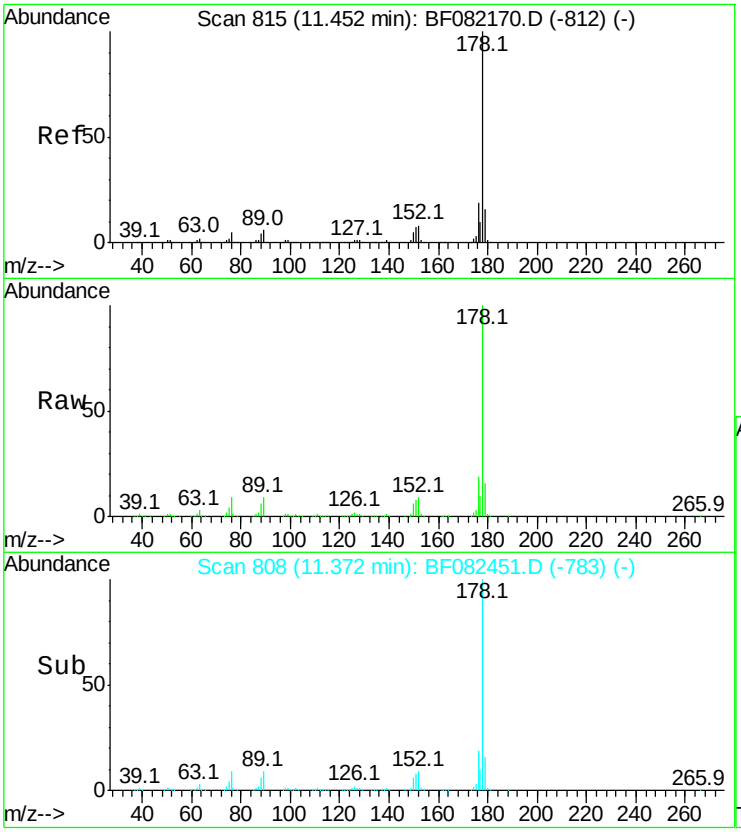


#70
Phenanthrene
Concen: 36.16 ng
RT: 11.33 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:178 Resp: 746147

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.7	12.6	19.0

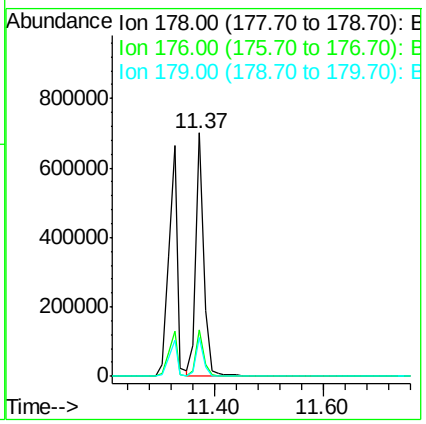




#71
Anthracene
Concen: 33.25 ng
RT: 11.37 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:178 Resp: 707022

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	16.2	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
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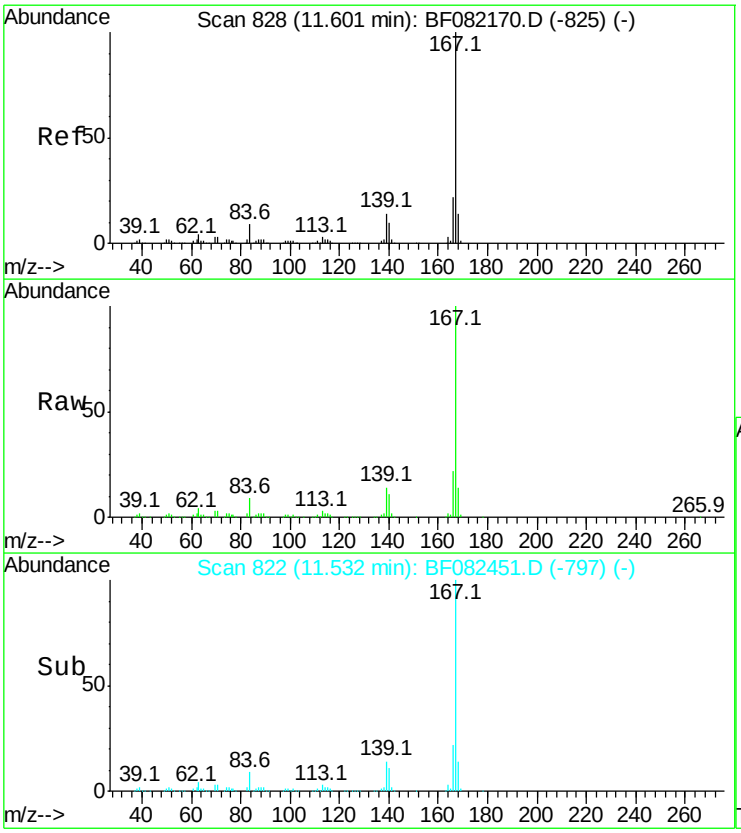
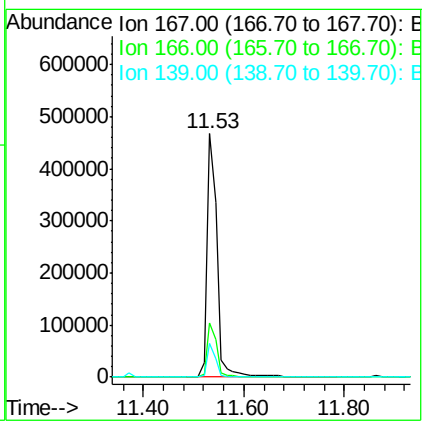
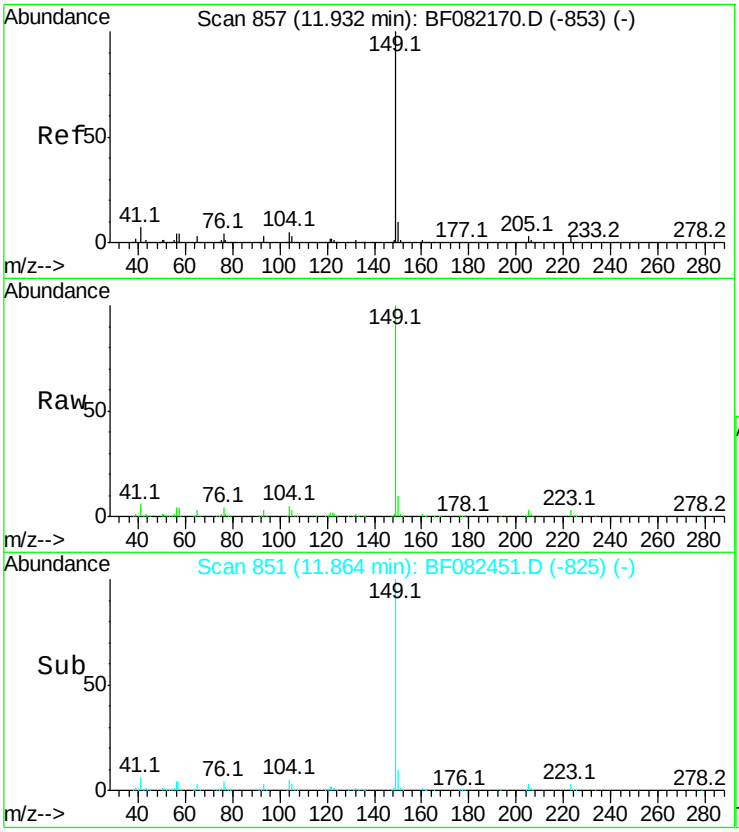


#72
Carbazole
Concen: 32.93 ng
RT: 11.53 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:167 Resp: 638878

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.3	25.9
139	13.9	11.2	16.8

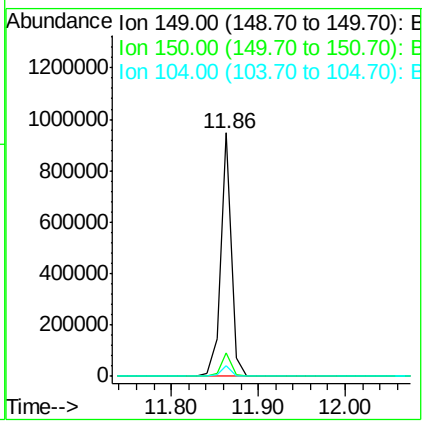




#73
Di-n-butylphthalate
Concen: 33.85 ng
RT: 11.86 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:149 Resp: 810195

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.6	3.8	5.8



Instrument :
BNA_F
ClientSampleId :
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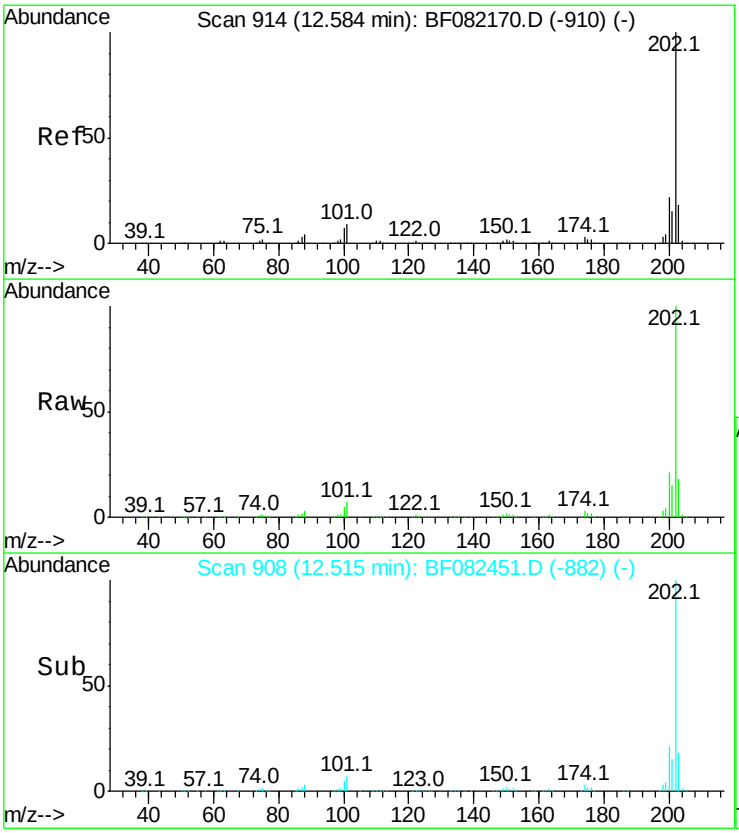
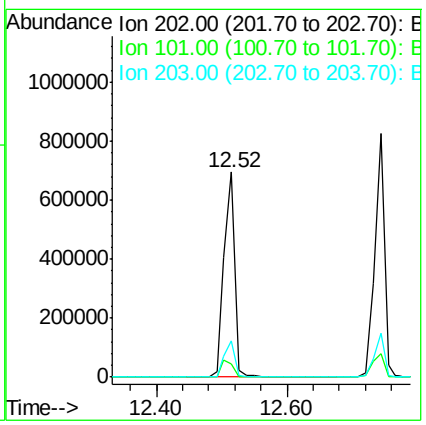
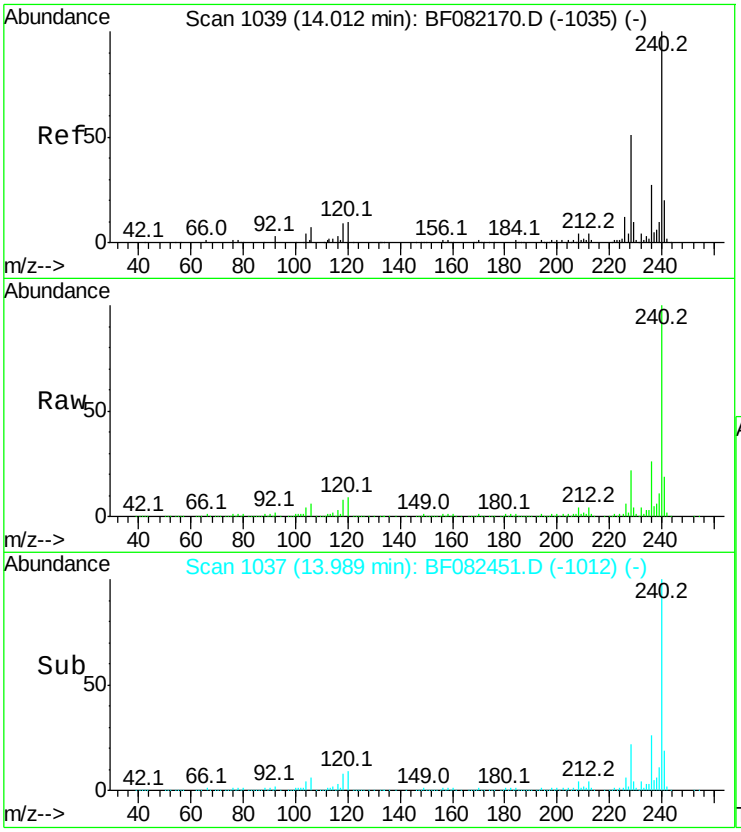


#74
Fluoranthene
Concen: 36.15 ng
RT: 12.52 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:202 Resp: 801367

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	29.3
203	17.5	0.0	37.8

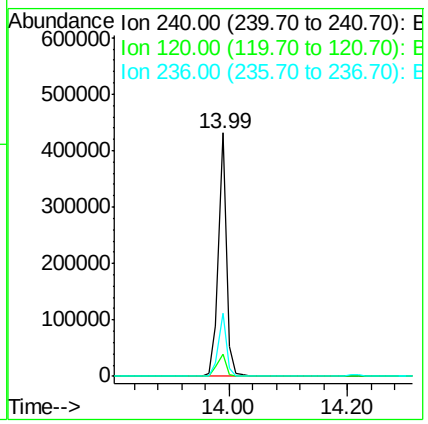




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:240 Resp: 409585

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.1	12.1
236	26.0	21.3	31.9



Instrument :
BNA_F
ClientSampleId :
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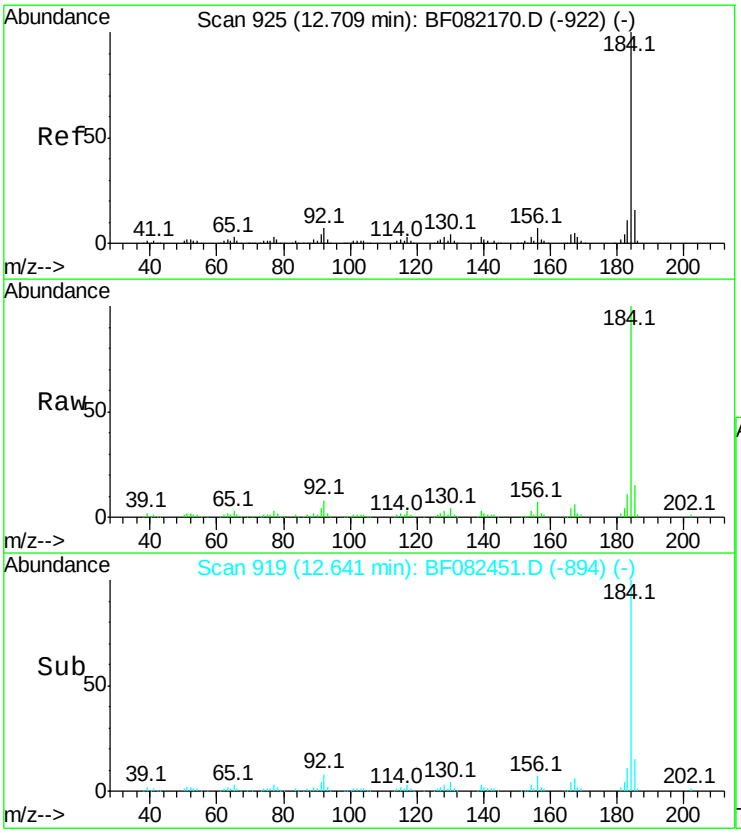
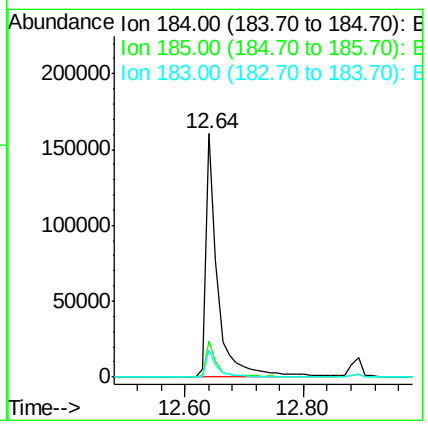
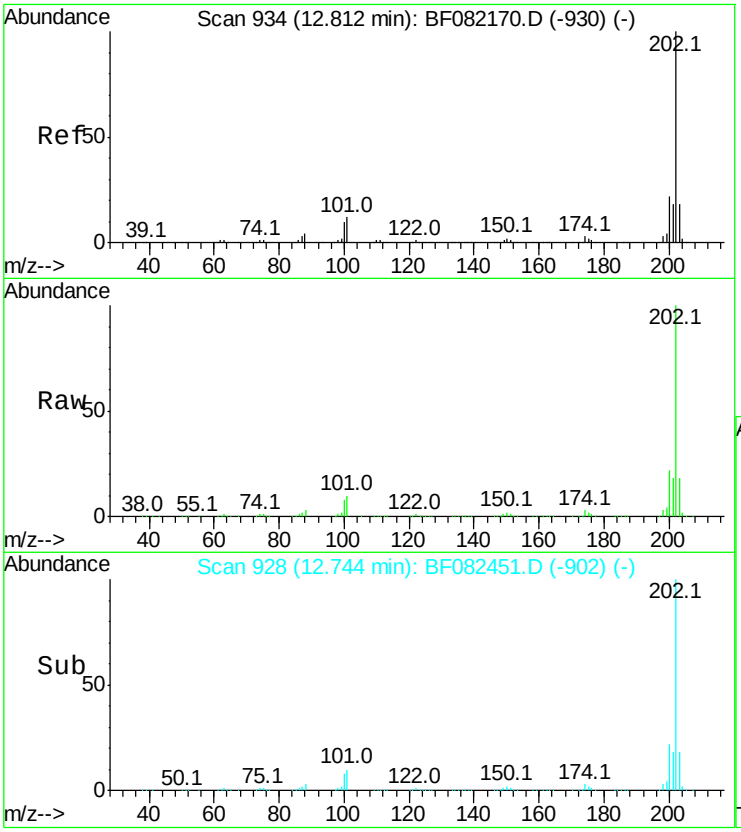


#76
Benzidine
Concen: 19.04 ng
RT: 12.64 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:184 Resp: 225994

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.5	18.7
183	11.5	9.1	13.7

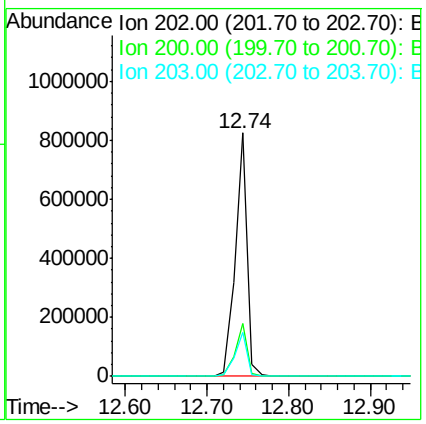




#77
Pyrene
Concen: 34.18 ng
RT: 12.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:202 Resp: 830930

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.9	26.9
203	18.1	14.5	21.7



Instrument :
BNA_F
ClientSampleId :
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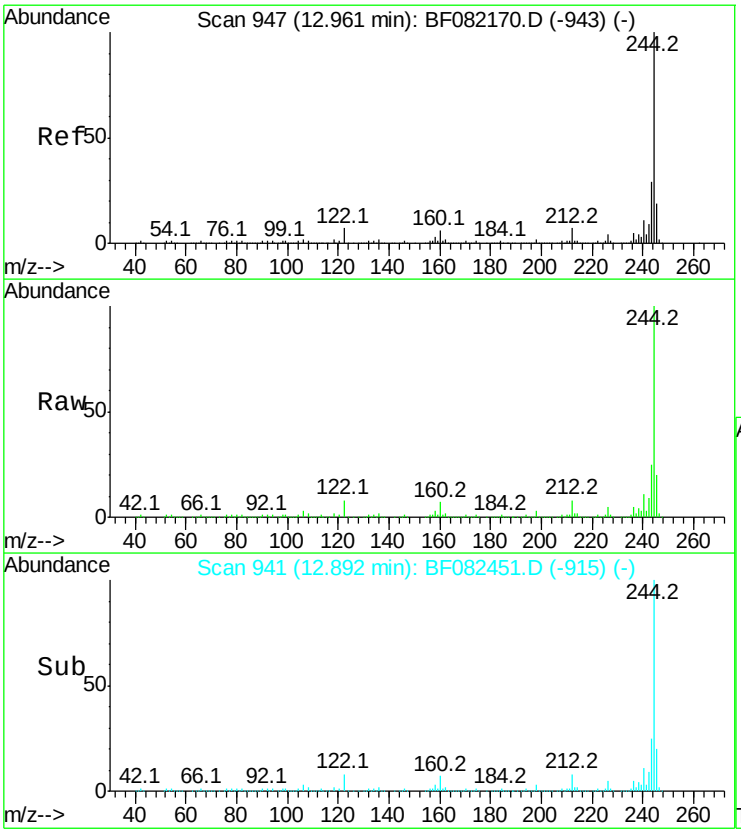
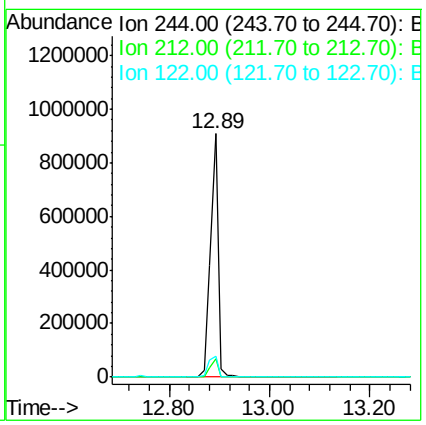
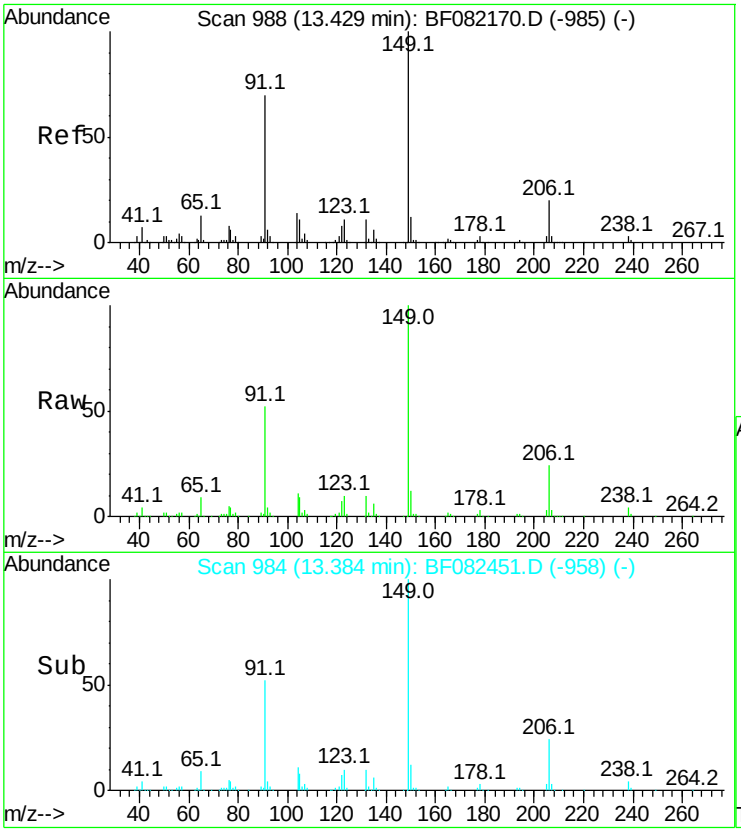


#78
Terphenyl-d14
Concen: 63.18 ng
RT: 12.89 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:244 Resp: 976574

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	8.4	5.9	8.9

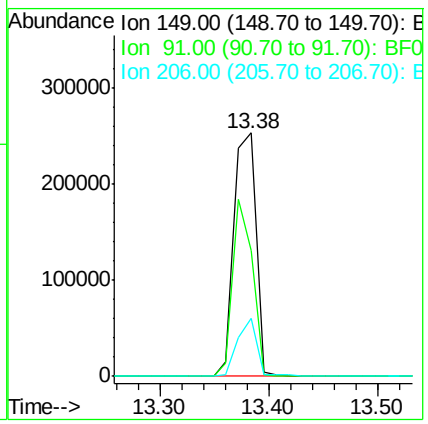




#79
Butylbenzylphthalate
Concen: 31.82 ng
RT: 13.38 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:149 Resp: 352947

Ion	Ratio	Lower	Upper
149	100		
91	51.8	55.7	83.5#
206	23.9	15.6	23.4#



Instrument :
BNA_F
ClientSampleId :
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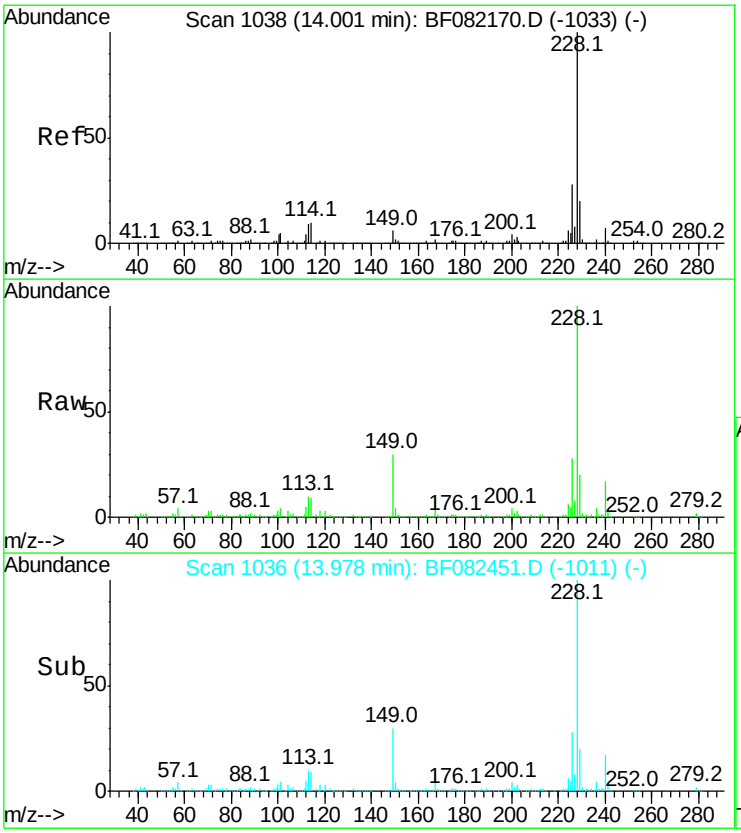
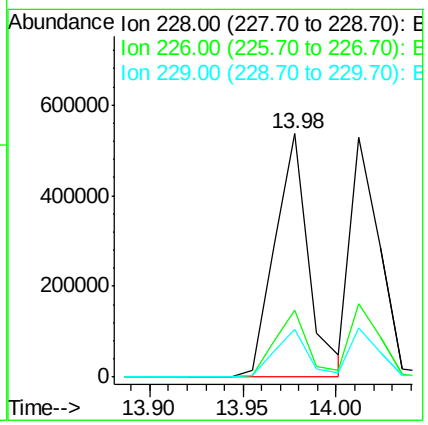
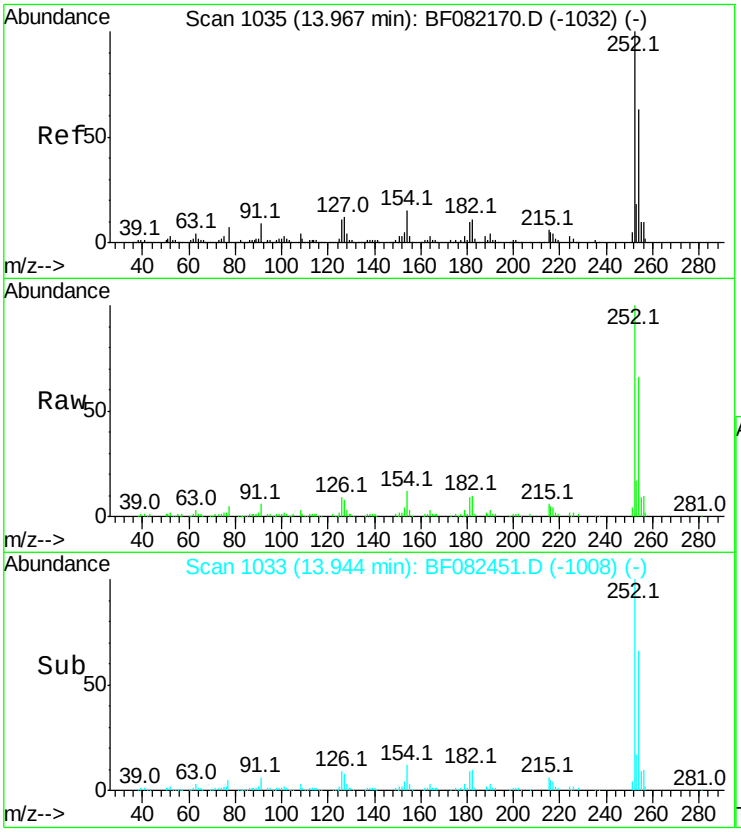


#80
Benzo(a)anthracene
Concen: 31.88 ng
RT: 13.98 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:228 Resp: 679475

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	19.8	16.2	24.2





#81
3,3'-Dichlorobenzidine
Concen: 14.44 ng
RT: 13.94 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:252 Resp: 116841

Ion	Ratio	Lower	Upper
252	100		
254	65.6	50.7	76.1
126	8.6	9.0	13.6#

Instrument :
BNA_F
ClientSampleId :
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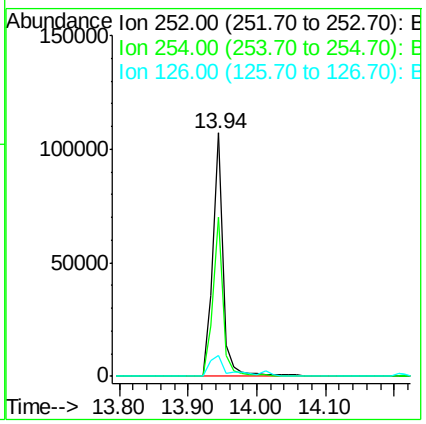
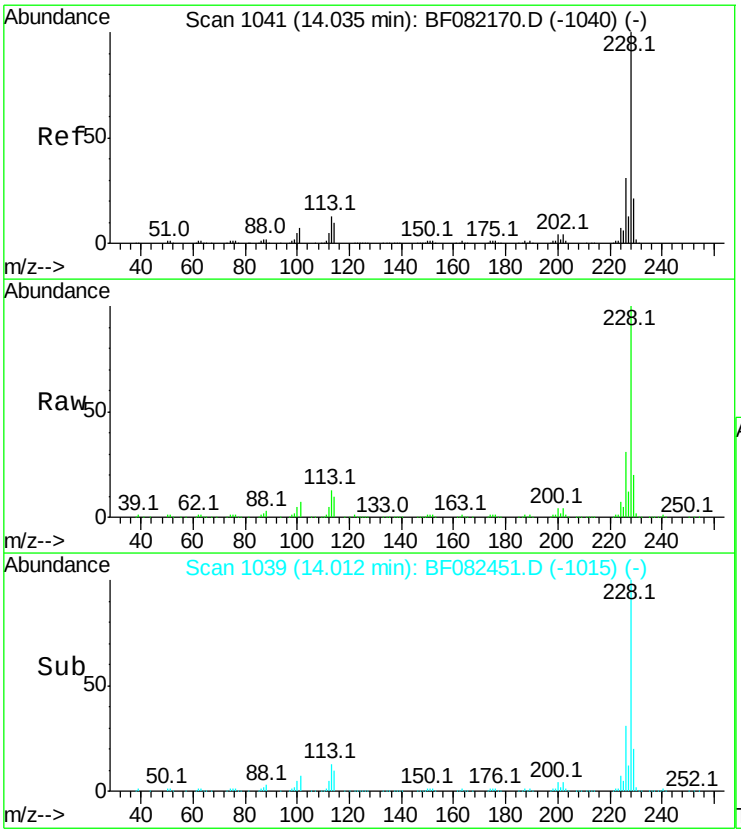
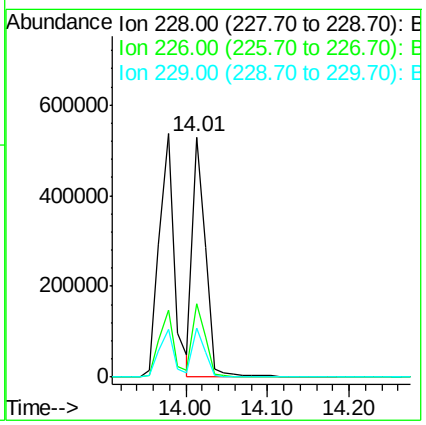


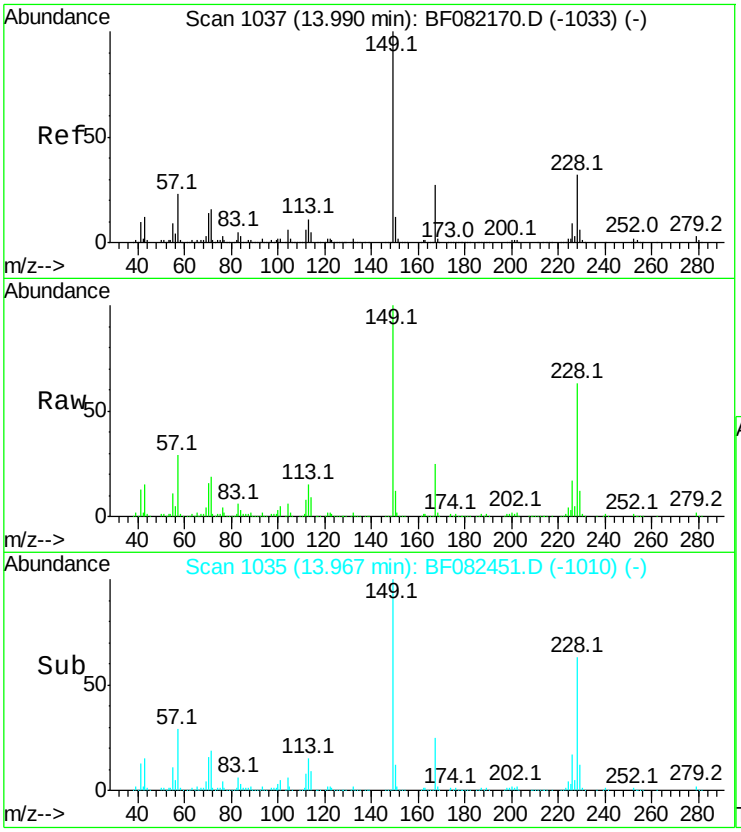


#82
Chrysene
Concen: 26.35 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:228 Resp: 591702

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	20.3	16.3	24.5

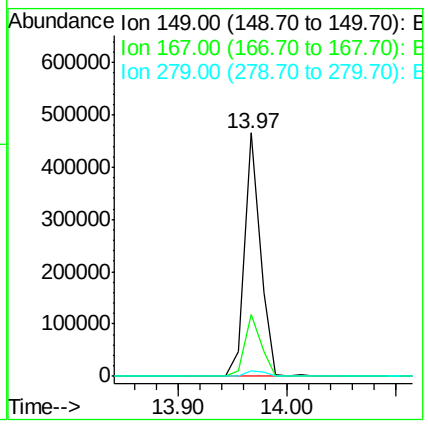




#83
Bis(2-ethylhexyl)phthalate
Concen: 29.55 ng
RT: 13.97 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:149 Resp: 467689

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.3	31.9
279	2.3	2.6	4.0#



Instrument :
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ClientSampleId :
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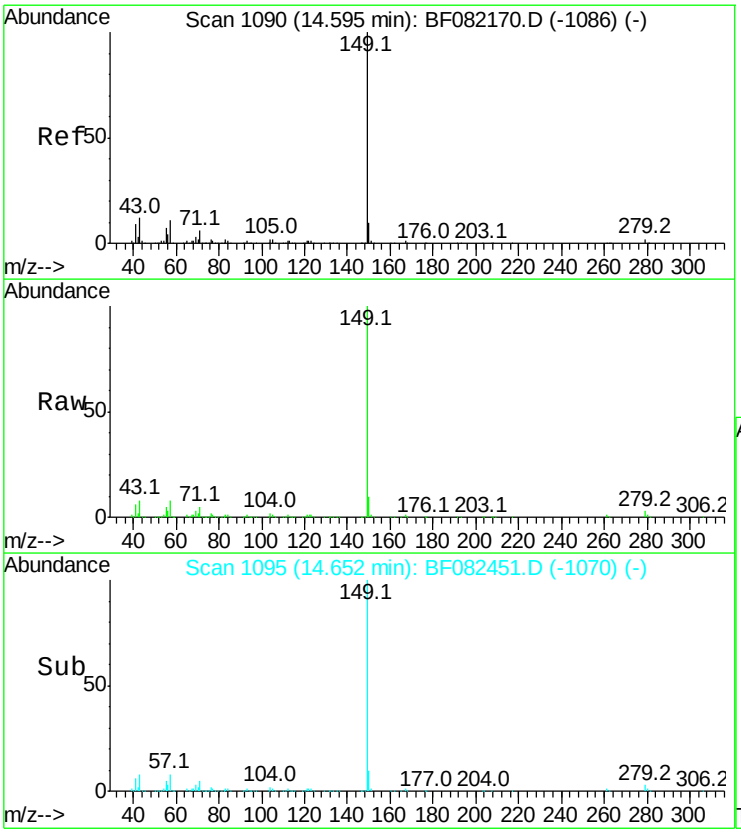
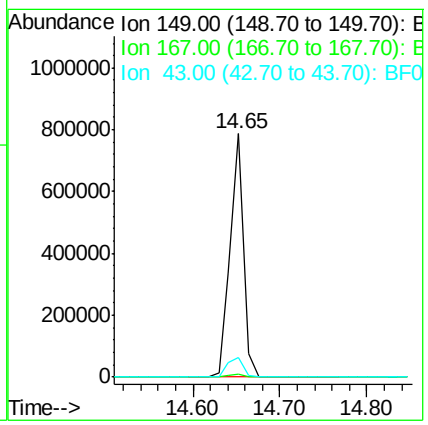
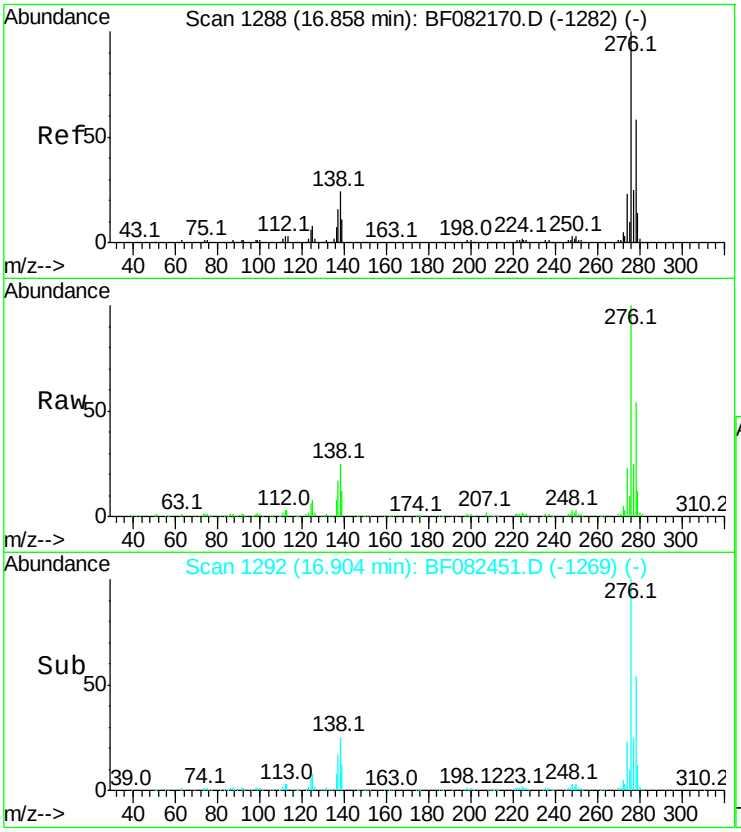


#84
Di-n-octyl phthalate
Concen: 30.70 ng
RT: 14.65 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:149 Resp: 834512

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	9.4	7.4	11.2

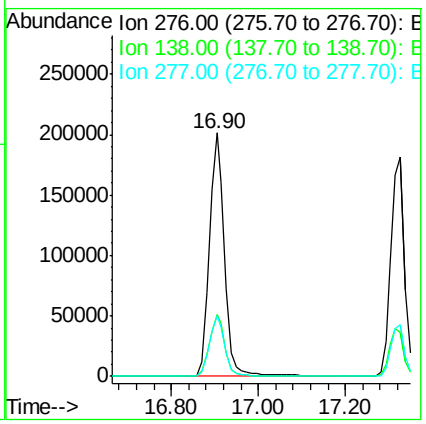




#85
Indeno(1,2,3-cd)pyrene
Concen: 27.92 ng
RT: 16.90 min Scan# 1292
Delta R.T. -0.03 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:276 Resp: 498260

Ion	Ratio	Lower	Upper
276	100		
138	26.1	19.7	29.5
277	24.8	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
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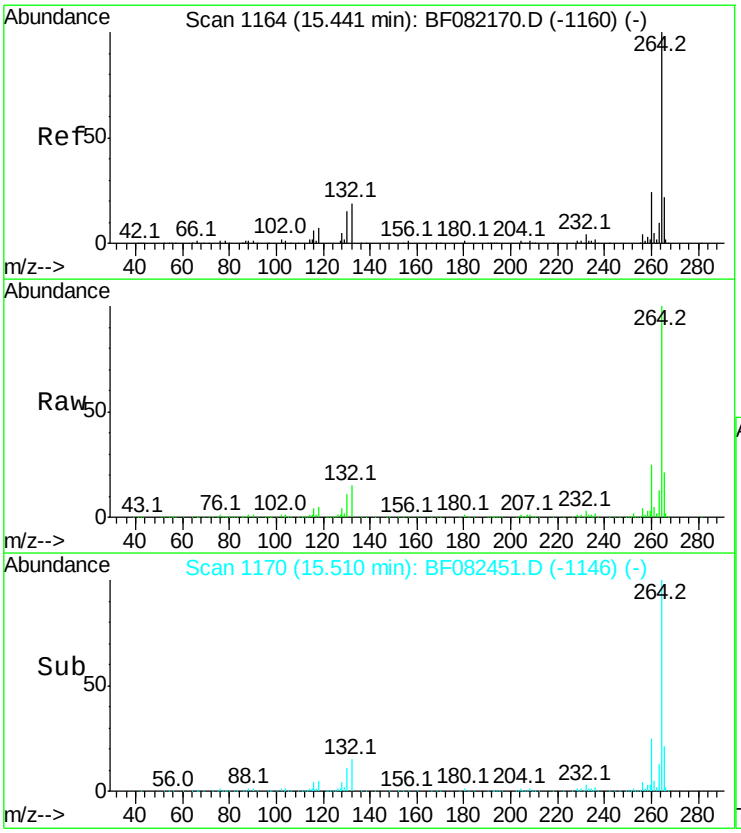
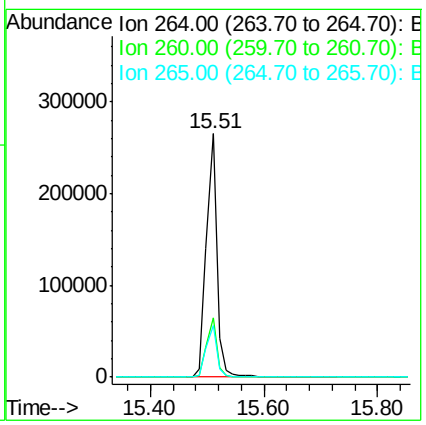
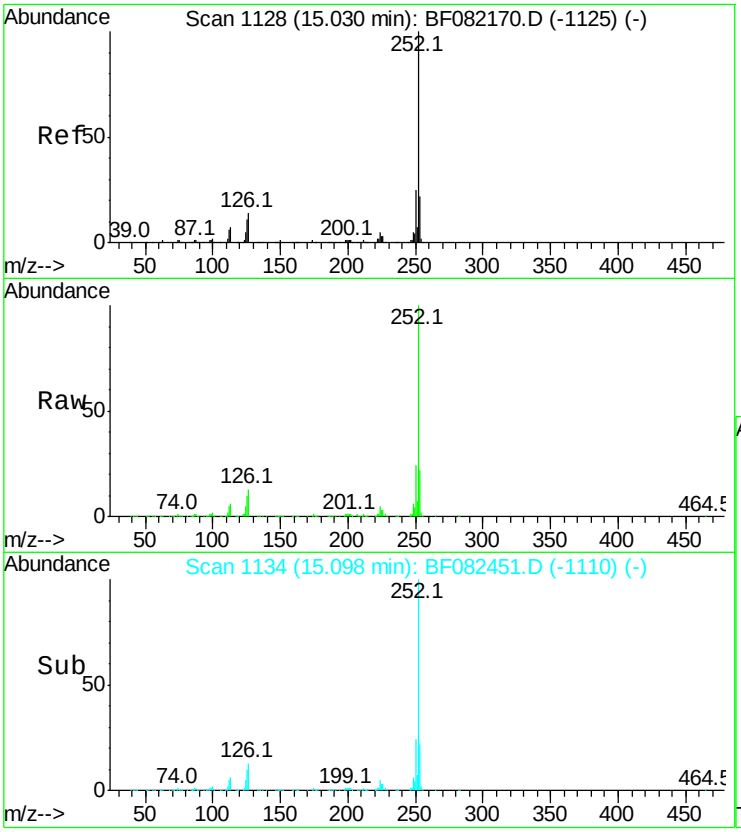


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:264 Resp: 328730

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.6
265	21.3	17.3	25.9

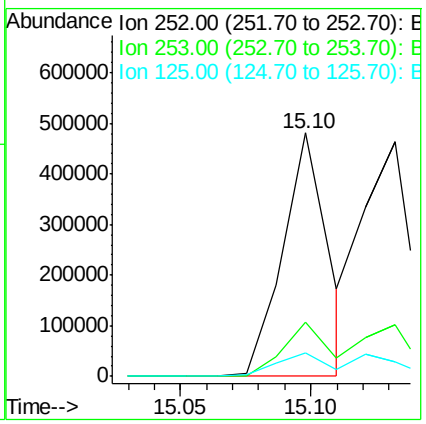




#87
Benzo(b)fluoranthene
Concen: 28.92 ng
RT: 15.10 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:252 Resp: 578464

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.6	8.6	12.8



Instrument :
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ClientSampleId :
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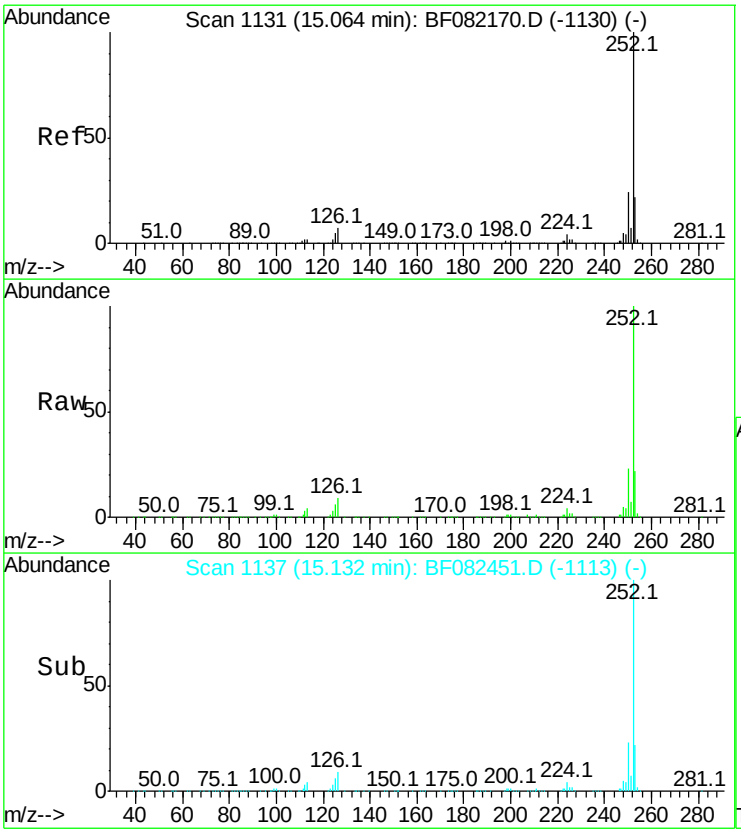
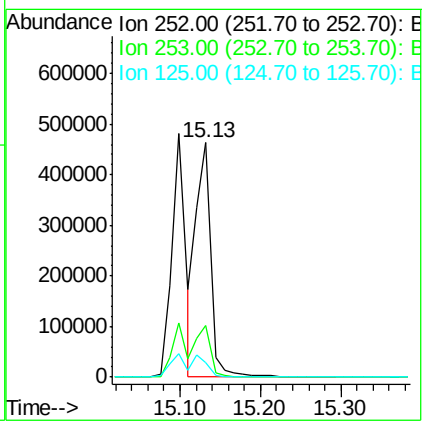
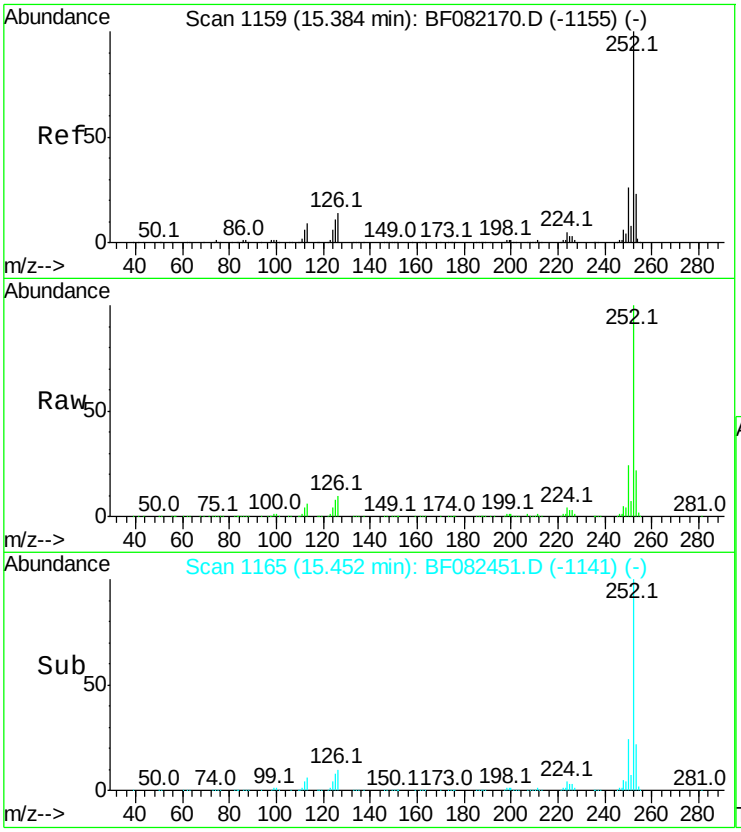


#88
Benzo(k)fluoranthene
Concen: 35.97 ng m
RT: 15.13 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:252 Resp: 604626

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	6.2	6.7	10.1#





#89
Benzo(a)pyrene
Concen: 32.32 ng
RT: 15.45 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:252 Resp: 555492

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	8.1	8.9	13.3#

Instrument :
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ClientSampleId :
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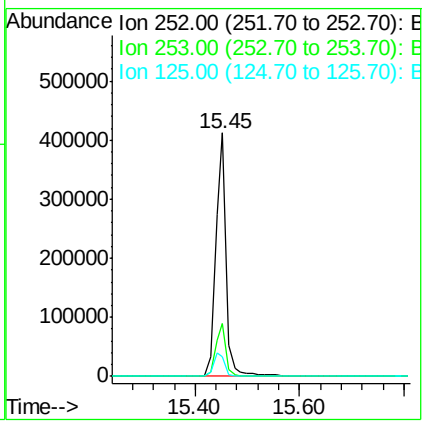
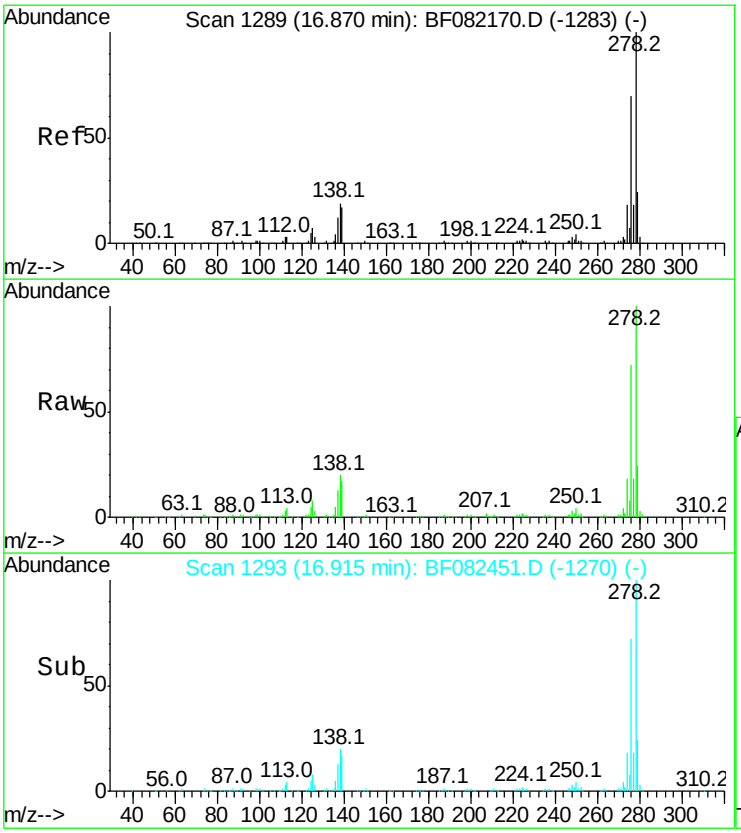
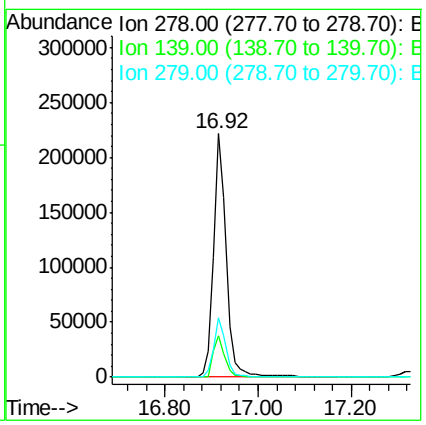


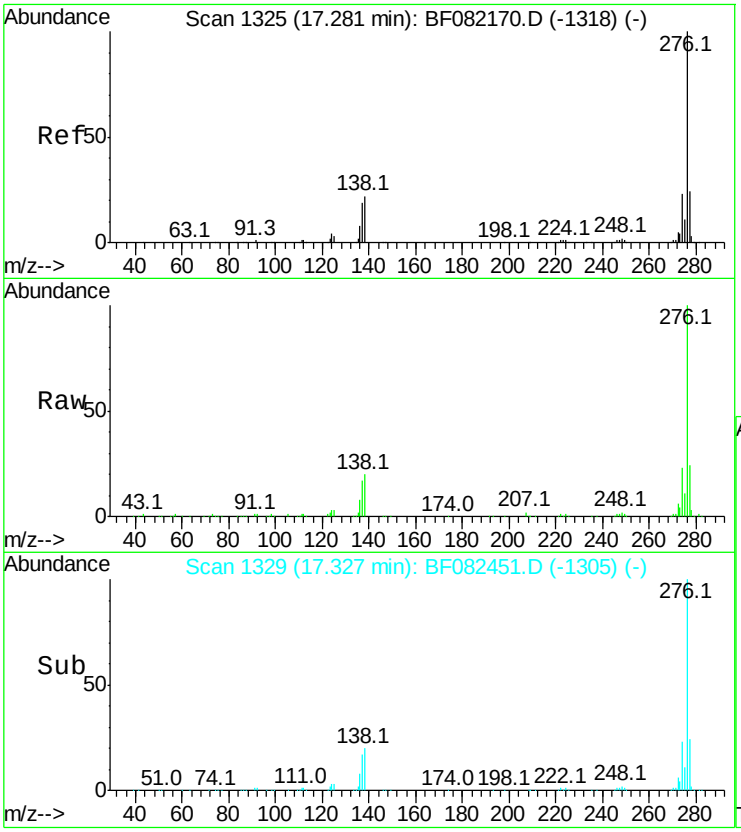


#90
Dibenzo(a,h)anthracene
Concen: 29.93 ng
RT: 16.92 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:278 Resp: 421580

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.3	19.9
279	24.4	18.9	28.3

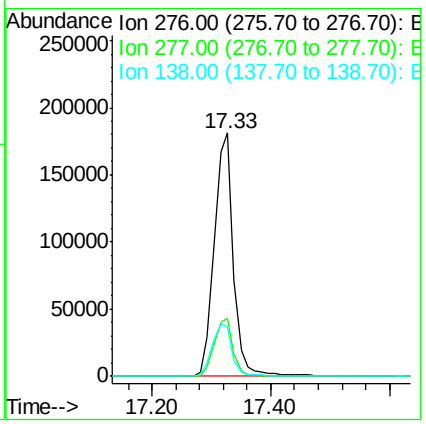




#91
Benzo(g,h,i)perylene
Concen: 29.54 ng
RT: 17.33 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:276 Resp: 404242

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	20.0	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
PB86210BS

Manual Integrations APPROVED
mmdadoda
10/23/2015 4:45:14 PM