Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
Data File : BF082265.D
Acq On : 13 Oct 2015 20:29
Operator : UM/IZ
Sample : G3998-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-MLA-(1.5-03)MSD

Manual Integrations APPROVED
MMdadoda
10/14/2015 3:51:20 PM

Quant Time: Oct 14 02:03:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 14 01:15:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	81203	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	312938	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	149932	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	299702	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	282013	20.00	ng		-0.09
86) Perylene-d12	15.57	264	258915	20.00	ng		-0.21
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	368934	91.70	ng		0.00
7) Phenol-d6	6.47	99	364256	69.57	ng		0.00
23) Nitrobenzene-d5	7.41	82	488687	104.87	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	215283	153.11	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	927857	102.63	ng		0.00
78) Terphenyl-d14	12.96	244	965519	90.72	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	47950	23.72	ng		96
3) Pyridine	3.17	79	88039	18.72	ng		100
4) n-Nitrosodimethylamine	3.12	42	48795	24.47	ng		98
6) Aniline	6.49	93	180062	26.67	ng		99
8) 2-Chlorophenol	6.61	128	187118	38.10	ng	#	77
9) Benzaldehyde	6.38	77	126199	47.20	ng		92
10) Phenol	6.48	94	135856	22.50	ng		96
11) bis(2-Chloroethyl)ether	6.57	93	215870	42.29	ng		93
12) 1,3-Dichlorobenzene	6.77	146	240147	41.98	ng		98
13) 1,4-Dichlorobenzene	6.85	146	248277	41.56	ng		99
14) 1,2-Dichlorobenzene	6.99	146	217797	38.40	ng		98
15) Benzyl Alcohol	6.97	79	134444	37.20	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	287979	40.51	ng		97
17) 2-Methylphenol	7.10	107	142028	36.57	ng		97
18) Hexachloroethane	7.34	117	82061	40.13	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	141908	38.59	ng	#	84
20) 3+4-Methylphenols	7.25	107	158461	34.24	ng	#	85
22) Acetophenone	7.25	105	297392	48.04	ng		93
24) Nitrobenzene	7.42	77	208537	41.34	ng		100
25) Isophorone	7.66	82	414504	44.07	ng		99
26) 2-Nitrophenol	7.74	139	123419	49.00	ng		99
27) 2,4-Dimethylphenol	7.78	122	177797	43.82	ng		91
28) bis(2-Chloroethoxy)methane	7.87	93	264972	48.42	ng		100
29) 2,4-Dichlorophenol	7.98	162	193446	47.69	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	201952	43.19	ng		97
31) Naphthalene	8.14	128	587264	43.29	ng		100
32) Benzoic acid	7.87	122	44817	16.46	ng		94
33) 4-Chloroaniline	8.19	127	138776	24.63	ng		97
34) Hexachlorobutadiene	8.25	225	119141	40.90	ng		98
35) Caprolactam	8.57	113	15074	12.80	ng		91
36) 4-Chloro-3-methylphenol	8.67	107	182511	46.01	ng		99
37) 2-Methylnaphthalene	8.83	142	450197	47.87	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	193182	43.32	ng		98
40) Hexachlorocyclopentadiene	8.98	237	178306	79.12	ng		99

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Operator : UM/IZ
Sample : G3998-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-MLA-(1.5-03)MSD

Manual Integrations APPROVED
MMdadoda
10/14/2015 3:51:20 PM

Quant Time: Oct 14 02:03:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 14 01:15:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	128460	43.37	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	153836	47.94	ng		95
45) 1,1'-Biphenyl	9.30	154	548263	47.95	ng		95
46) 2-Chloronaphthalene	9.33	162	440511	48.94	ng		98
47) 2-Nitroaniline	9.43	65	131157	53.08	ng	#	74
48) Acenaphthylene	9.74	152	638390	45.53	ng		100
49) Dimethylphthalate	9.61	163	480443	45.51	ng	#	97
50) 2,6-Dinitrotoluene	9.67	165	106571	47.84	ng	#	82
51) Acenaphthene	9.91	154	369536	43.90	ng		99
52) 3-Nitroaniline	9.84	138	66155	26.29	ng		98
53) 2,4-Dinitrophenol	9.95	184	108044	86.25	ng	#	84
54) Dibenzofuran	10.08	168	545762	47.23	ng		96
55) 4-Nitrophenol	10.01	139	79950	53.10	ng		91
56) 2,4-Dinitrotoluene	10.07	165	137044	49.22	ng	#	82
57) Fluorene	10.42	166	431095	45.42	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	120613	46.01	ng		94
59) Diethylphthalate	10.31	149	473990	48.16	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	210809	48.49	ng	#	82
61) 4-Nitroaniline	10.46	138	111184	45.55	ng		95
62) Azobenzene	10.58	77	478930	49.72	ng		89
64) 4,6-Dinitro-2-methylphenol	10.48	198	71961	42.79	ng	#	70
65) n-Nitrosodiphenylamine	10.54	169	387552	43.19	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	130694	43.57	ng	#	83
67) Hexachlorobenzene	10.97	284	146283	45.10	ng	#	82
68) Atrazine	11.07	200	140895	49.56	ng		97
69) Pentachlorophenol	11.17	266	145537	87.19	ng		97
70) Phenanthrene	11.39	178	712681	48.51	ng		99
71) Anthracene	11.44	178	706018	46.64	ng		99
72) Carbazole	11.60	167	630065	45.63	ng		99
73) Di-n-butylphthalate	11.93	149	733329	43.05	ng		99
74) Fluoranthene	12.58	202	773606	49.03	ng		98
76) Benzidine	12.71	184	339746	41.57	ng		99
77) Pyrene	12.81	202	781569	46.70	ng		99
79) Butylbenzylphthalate	13.44	149	297223	38.92	ng		98
80) Benzo(a)anthracene	14.04	228	661526	45.08	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	150180	26.96	ng		98
82) Chrysene	14.08	228	701326	45.36	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	391009	35.88	ng	#	96
84) Di-n-octyl phthalate	14.70	149	681584	36.42	ng		99
85) Indeno(1,2,3-cd)pyrene	17.01	276	585032	47.61	ng		99
87) Benzo(b)fluoranthene	15.16	252	704773	44.74	ng	#	96
88) Benzo(k)fluoranthene	15.18	252	574319m	43.38	ng		
89) Benzo(a)pyrene	15.51	252	615602	45.47	ng		99
90) Dibenzo(a,h)anthracene	17.03	278	483618	43.59	ng		97
91) Benzo(g,h,i)perylene	17.44	276	470918	43.70	ng		99

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

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
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Acq On : 13 Oct 2015 20:29
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QLast Update : Wed Oct 14 01:15:23 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

Manual Integrations APPROVED
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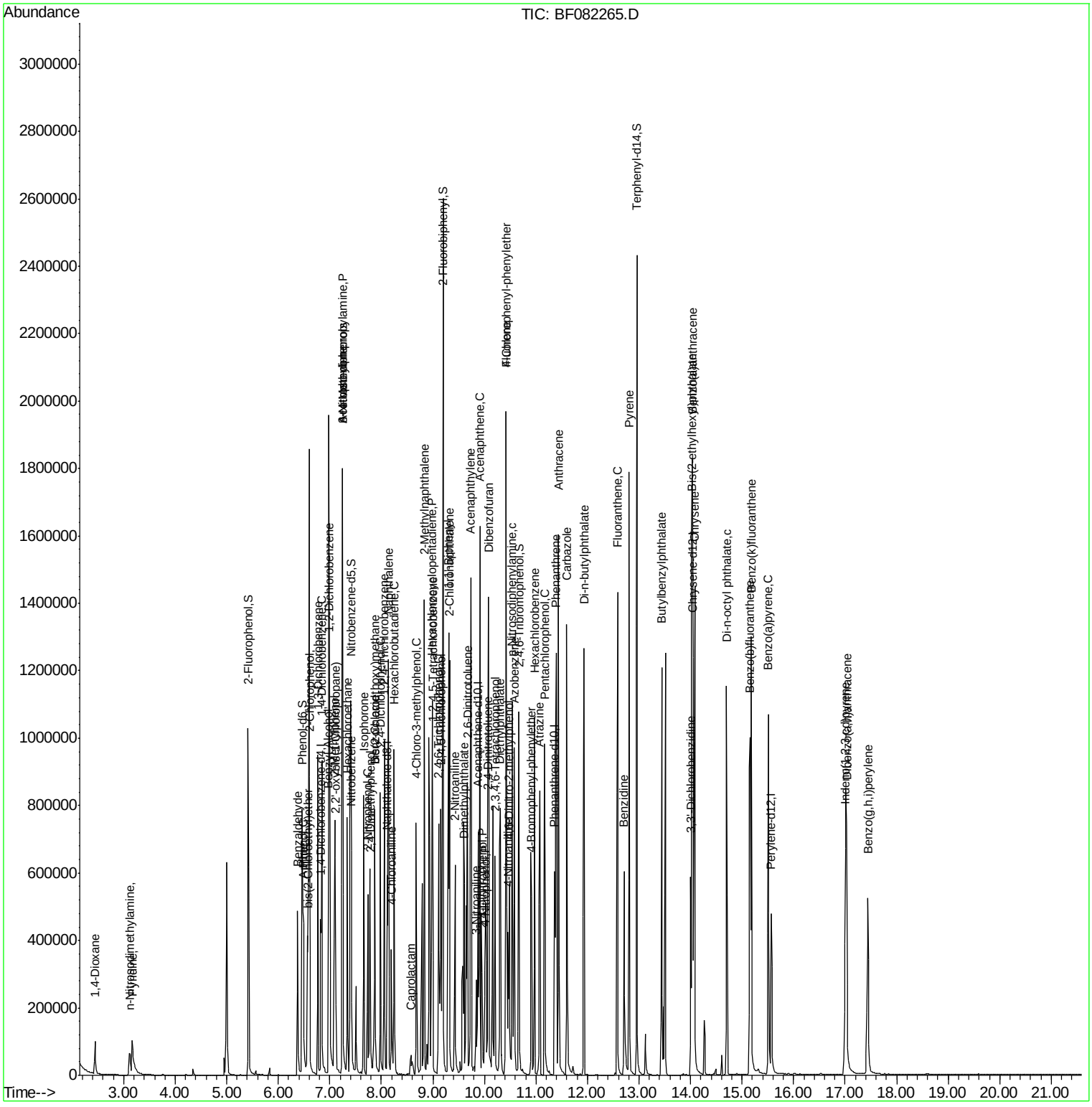
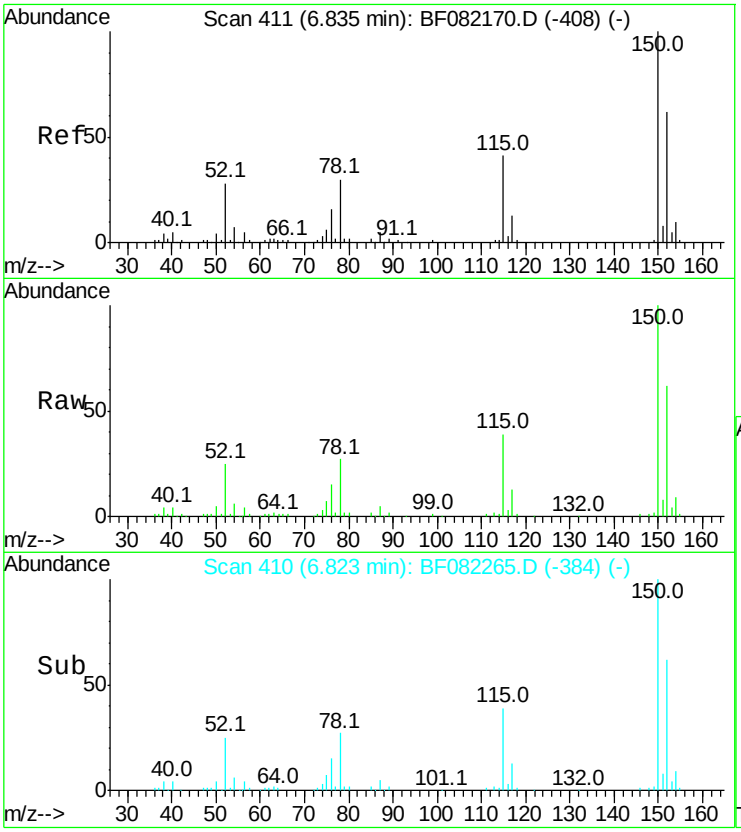
10/14/2015 3:51:20 PM

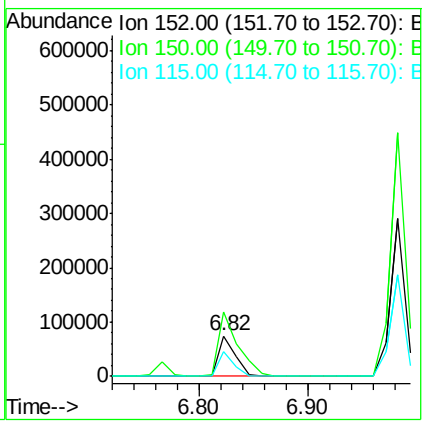




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

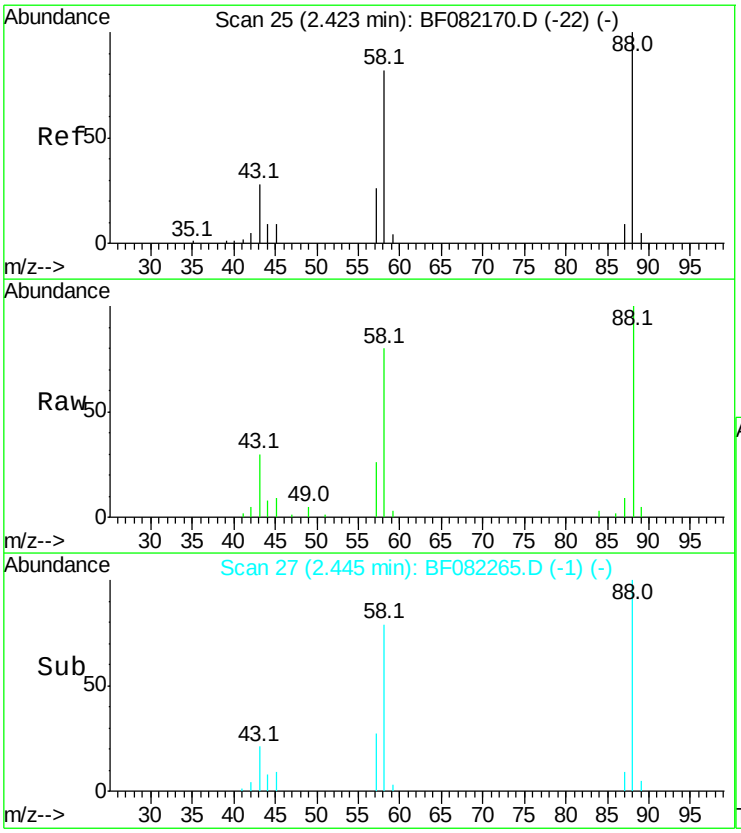
Tgt Ion:152 Resp: 81203

Ion	Ratio	Lower	Upper
152	100		
150	160.4	129.0	193.4
115	62.4	52.1	78.1



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

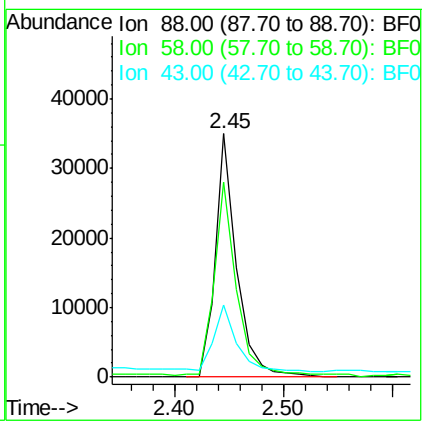
Manual Integrations APPROVED
MMdadoda
10/14/2015 3:51:20 PM

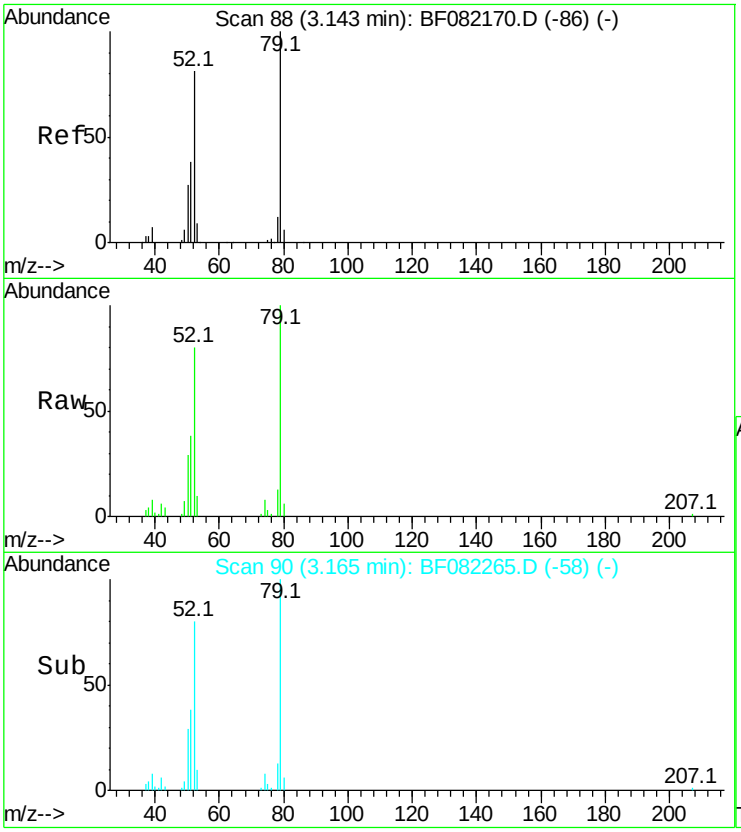


#2
1,4-Dioxane
Concen: 23.72 ng
RT: 2.45 min Scan# 27
Delta R.T. 0.07 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion: 88 Resp: 47950

Ion	Ratio	Lower	Upper
88	100		
58	87.2	66.2	99.4
43	30.3	23.0	34.4

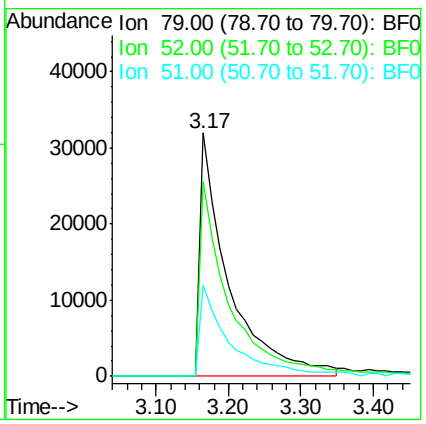




#3
Pyridine
Concen: 18.72 ng
RT: 3.17 min Scan# 90
Delta R.T. 0.07 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion: 79 Resp: 88039

Ion	Ratio	Lower	Upper
79	100		
52	80.2	64.4	96.6
51	37.7	30.5	45.7



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

Manual Integrations APPROVED
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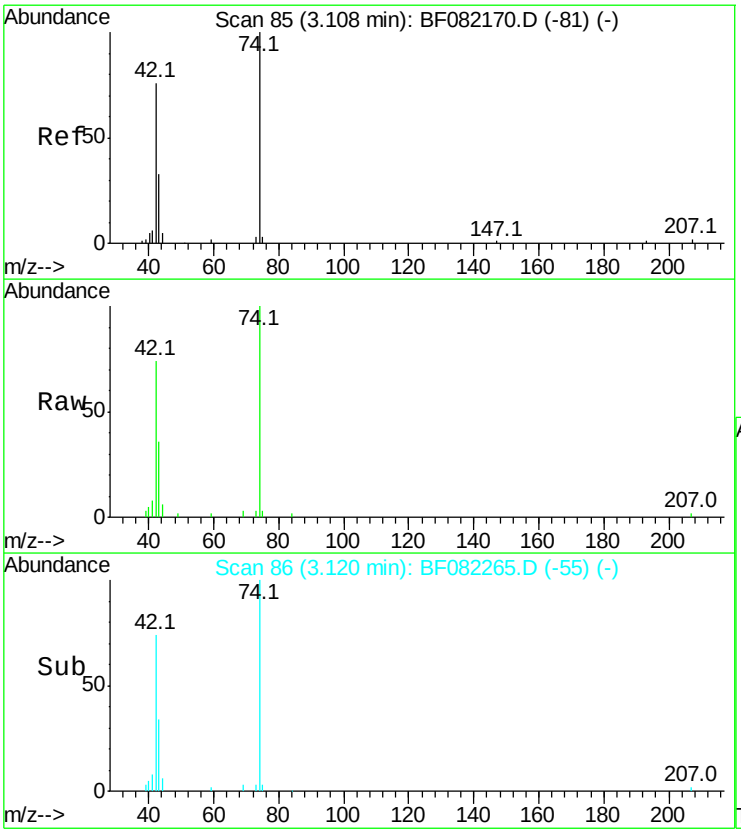
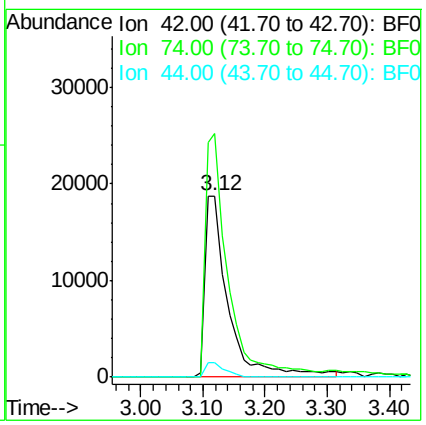
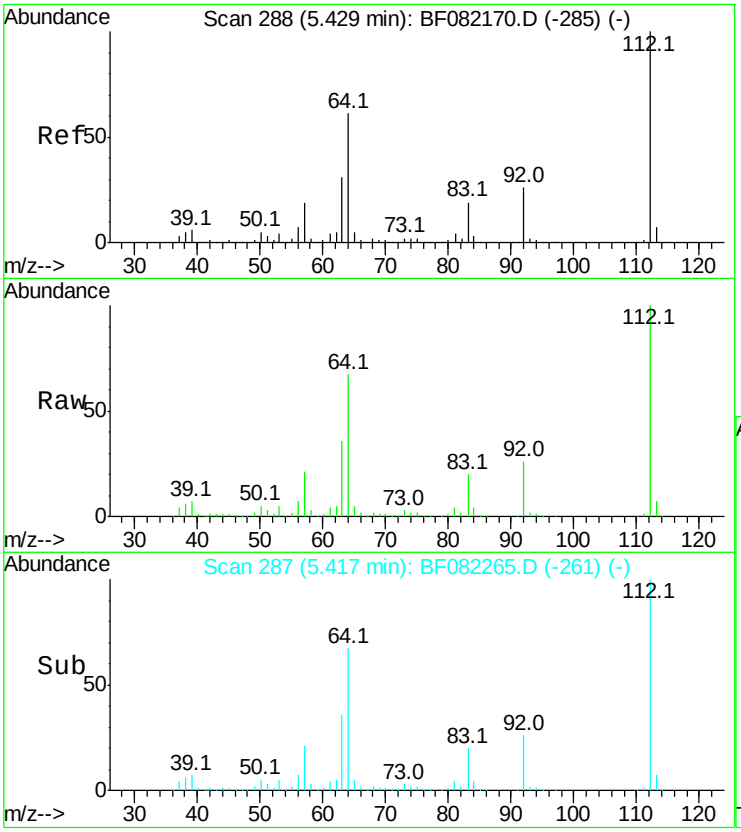


#4
n-Nitrosodimethylamine
Concen: 24.47 ng
RT: 3.12 min Scan# 86
Delta R.T. 0.06 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion: 42 Resp: 48795

Ion	Ratio	Lower	Upper
42	100		
74	134.2	105.7	158.5
44	7.7	5.4	8.2

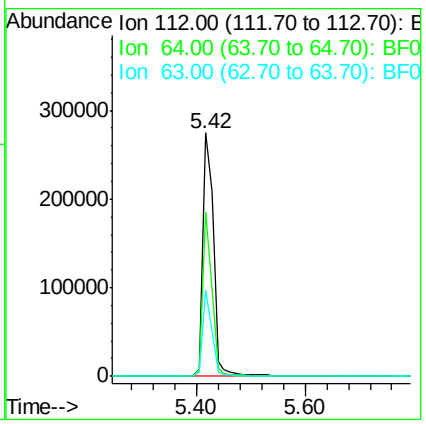




#5
2-Fluorophenol
Concen: 91.70 ng
RT: 5.42 min Scan# 287
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:112 Resp: 368934

Ion	Ratio	Lower	Upper
112	100		
64	67.5	48.6	73.0
63	35.5	25.1	37.7



Instrument :
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ClientSampleId :
IM-MLA-(1.5-03)MSD

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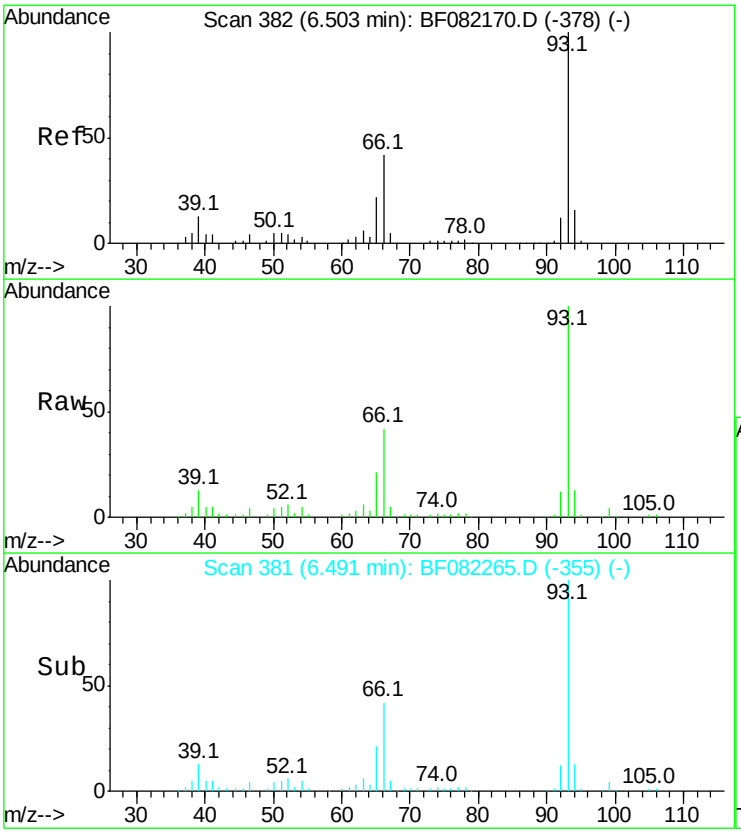
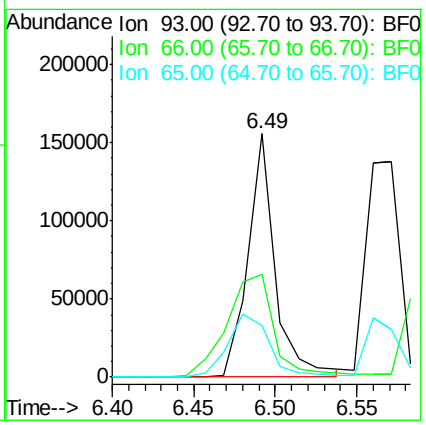
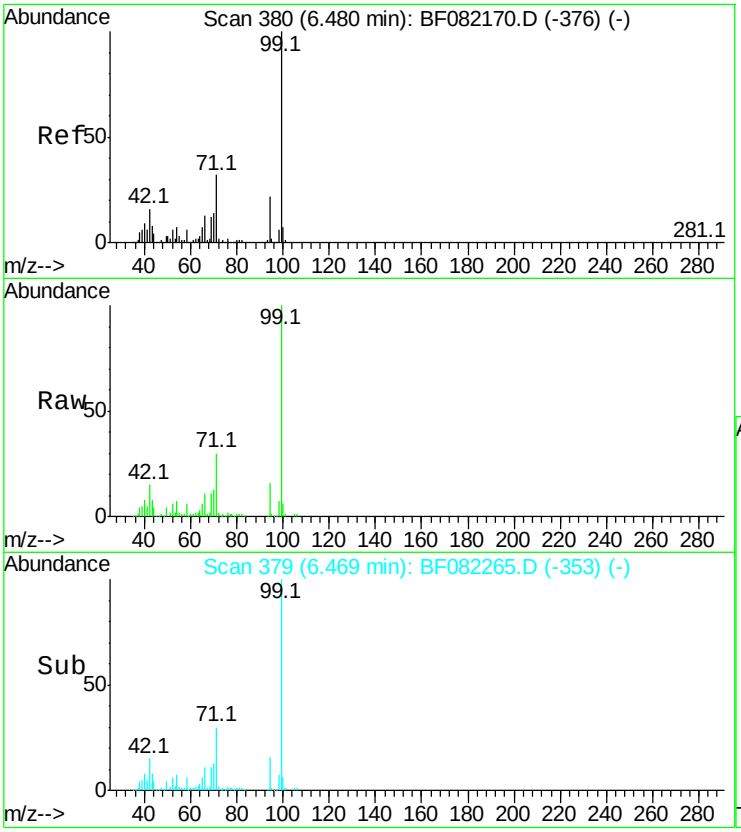


#6
Aniline
Concen: 26.67 ng
RT: 6.49 min Scan# 381
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion: 93 Resp: 180062

Ion	Ratio	Lower	Upper
93	100		
66	42.3	34.2	51.2
65	21.2	17.9	26.9

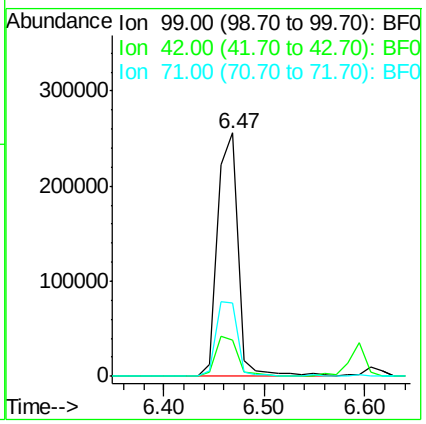




#7
Phenol-d6
Concen: 69.57 ng
RT: 6.47 min Scan# 379
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

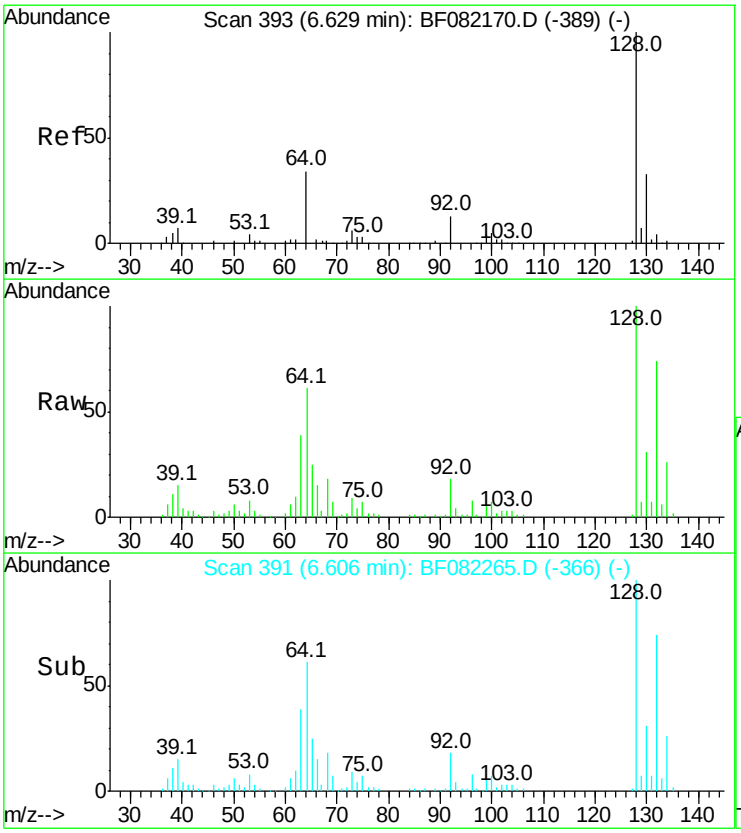
Tgt Ion: 99 Resp: 364256

Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.2	19.8
71	30.4	25.6	38.4



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

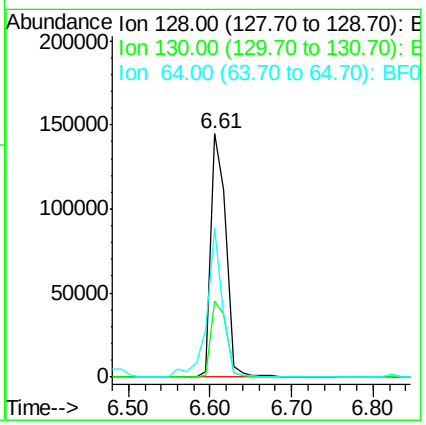
Manual Integrations APPROVED
MMdadoda
10/14/2015 3:51:20 PM

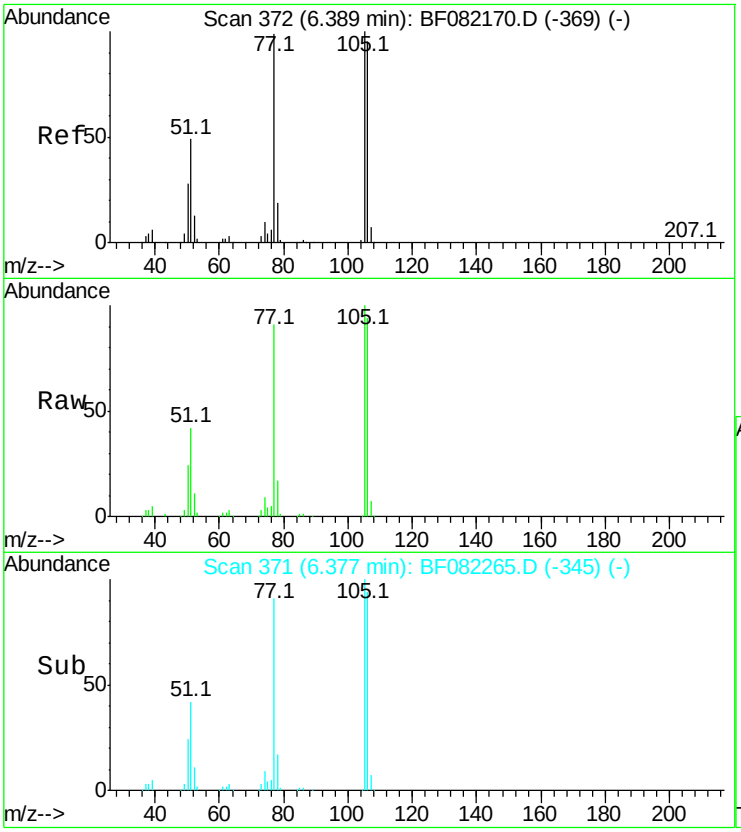


#8
2-Chlorophenol
Concen: 38.10 ng
RT: 6.61 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:128 Resp: 187118

Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.6	52.6
64	61.0	16.7	56.7#

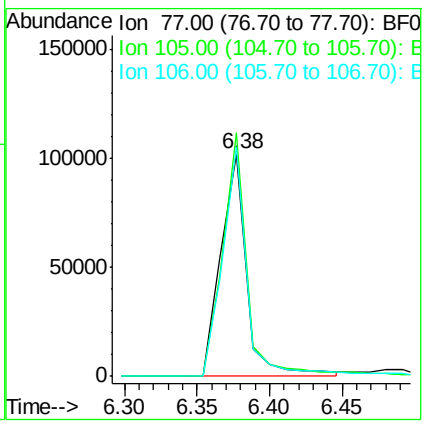




#9
Benzaldehyde
Concen: 47.20 ng
RT: 6.38 min Scan# 371
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

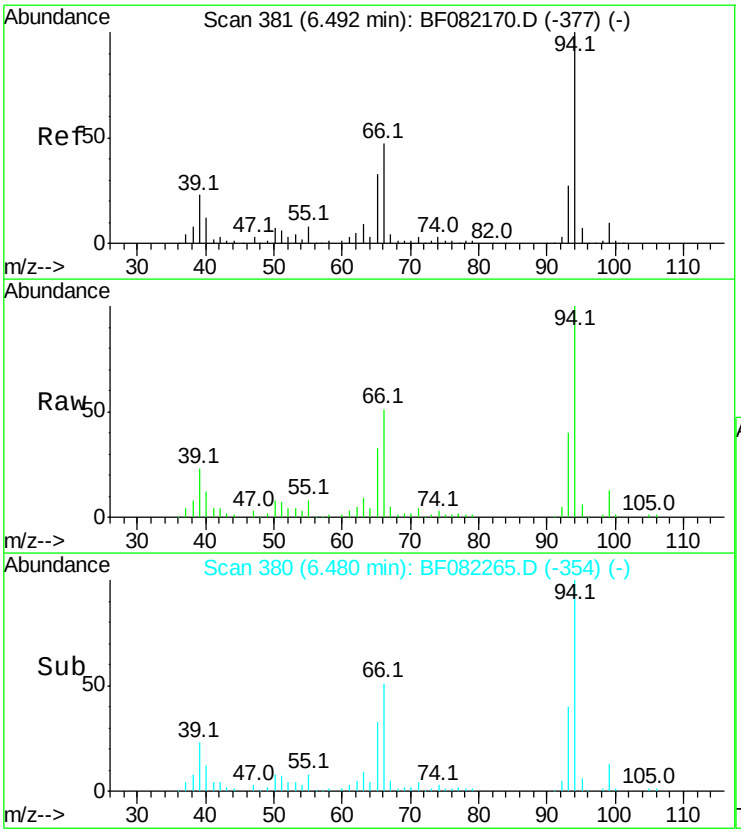
Tgt Ion: 77 Resp: 126199

Ion	Ratio	Lower	Upper
77	100		
105	109.5	80.6	120.6
106	103.3	75.5	115.5



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

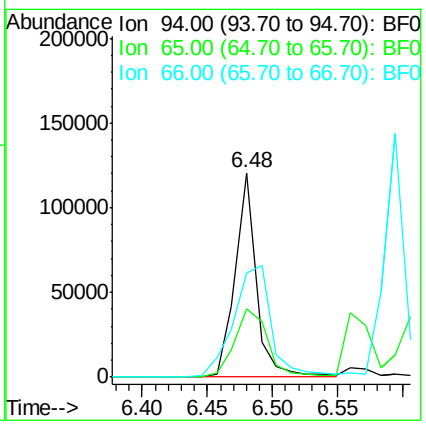
Manual Integrations APPROVED
MMdadoda
10/14/2015 3:51:20 PM

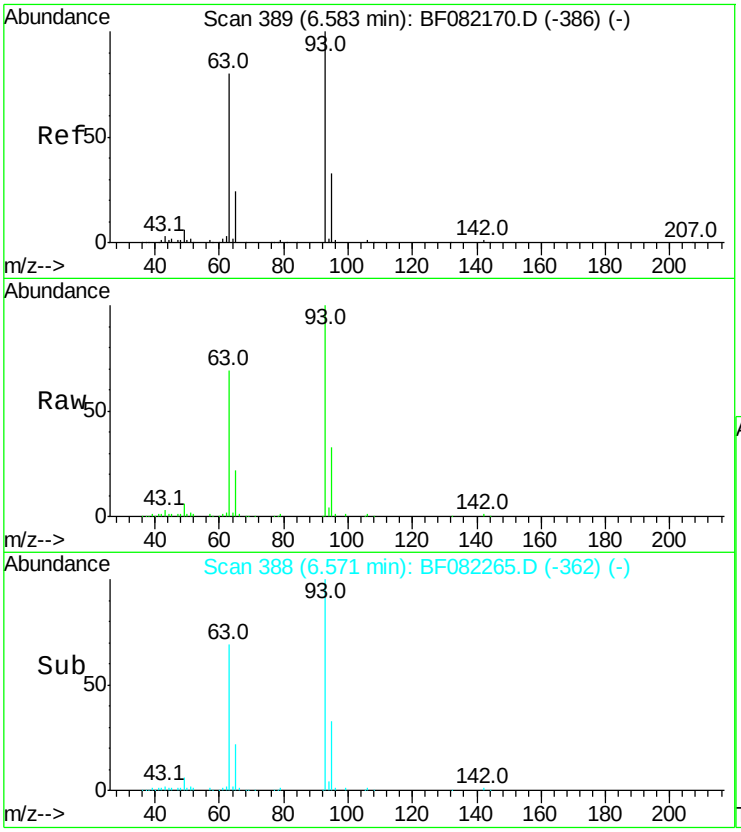


#10
Phenol
Concen: 22.50 ng
RT: 6.48 min Scan# 380
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion: 94 Resp: 135856

Ion	Ratio	Lower	Upper
94	100		
65	33.4	12.6	52.6
66	50.8	27.3	67.3

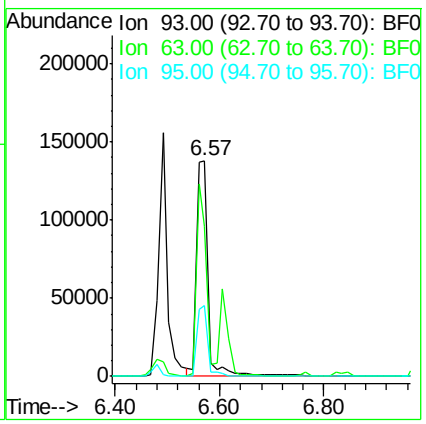




#11
bis(2-Chloroethyl)ether
Concen: 42.29 ng
RT: 6.57 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion: 93 Resp: 215870

Ion	Ratio	Lower	Upper
93	100		
63	69.4	57.1	97.1
95	32.9	11.9	51.9



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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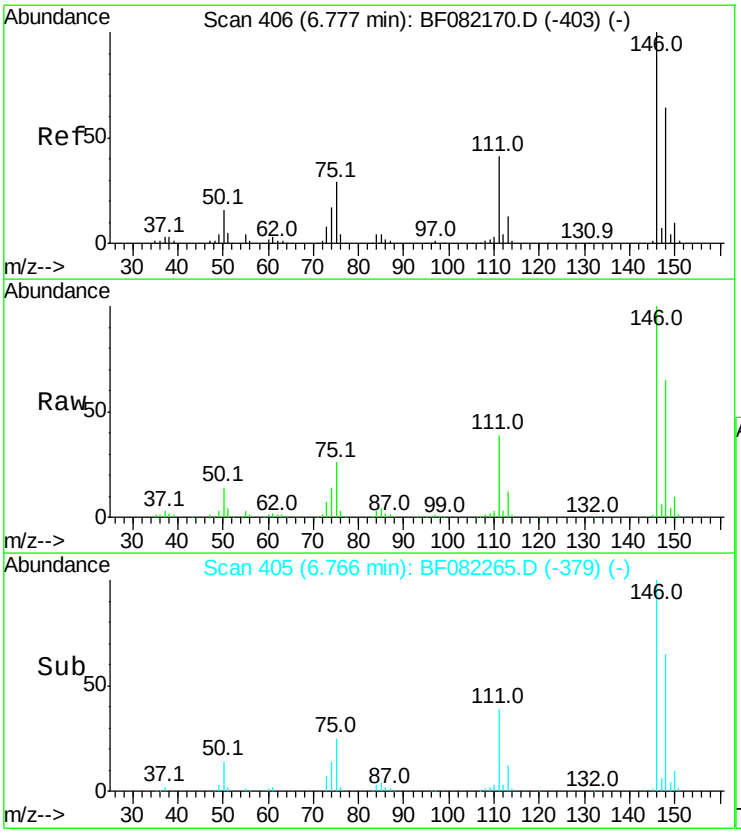
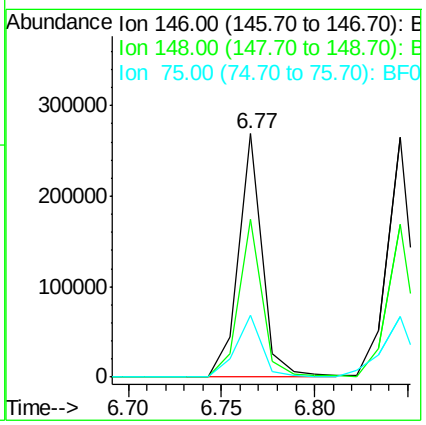
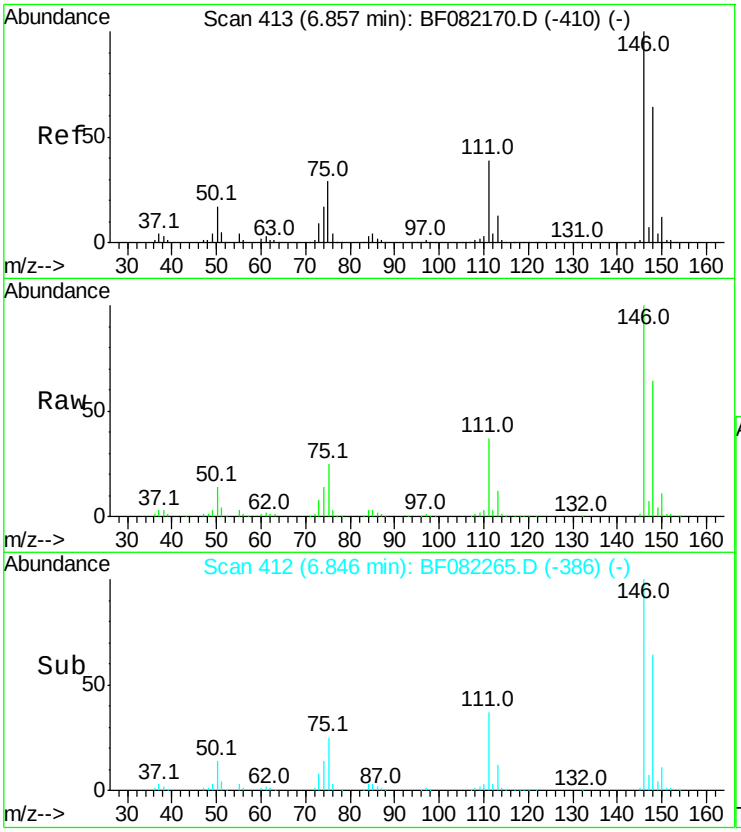


#12
1,3-Dichlorobenzene
Concen: 41.98 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:146 Resp: 240147

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.2
75	25.5	23.0	34.6

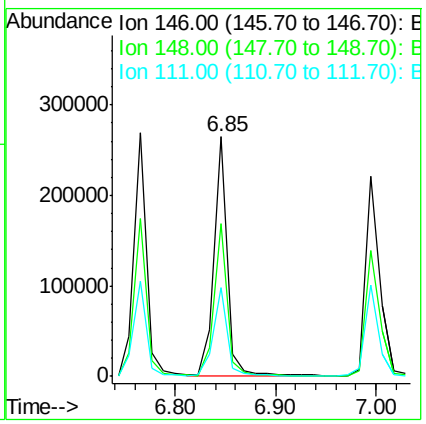




#13
1,4-Dichlorobenzene
Concen: 41.56 ng
RT: 6.85 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:146 Resp: 248277

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.4
111	36.9	31.1	46.7



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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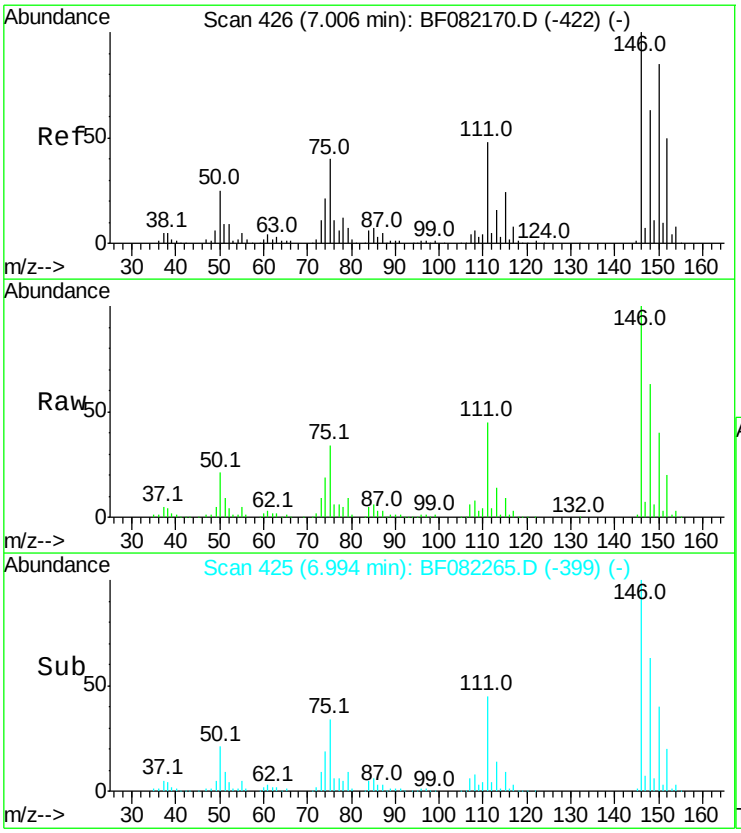
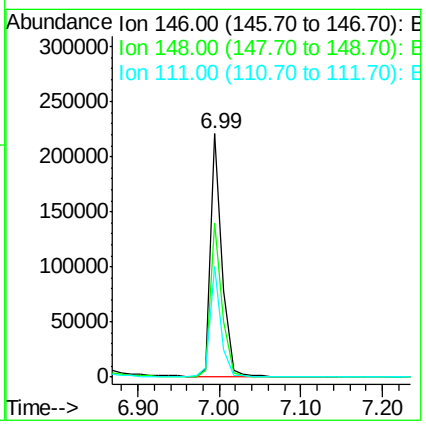
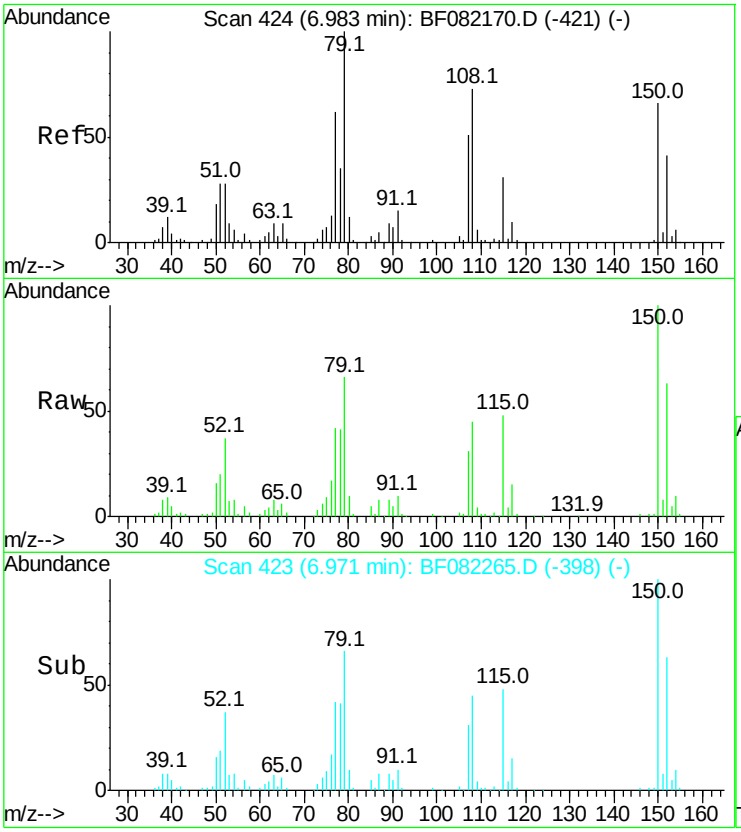


#14
1,2-Dichlorobenzene
Concen: 38.40 ng
RT: 6.99 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:146 Resp: 217797

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.5	75.7
111	45.5	38.5	57.7





#15
Benzyl Alcohol
Concen: 37.20 ng
RT: 6.97 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion: 79 Resp: 134444

Ion	Ratio	Lower	Upper
79	100		
108	68.8	58.4	87.6
77	64.6	49.8	74.6

Instrument :
BNA_F
ClientSampleId :
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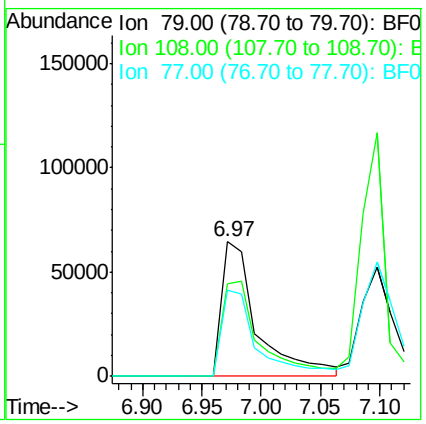
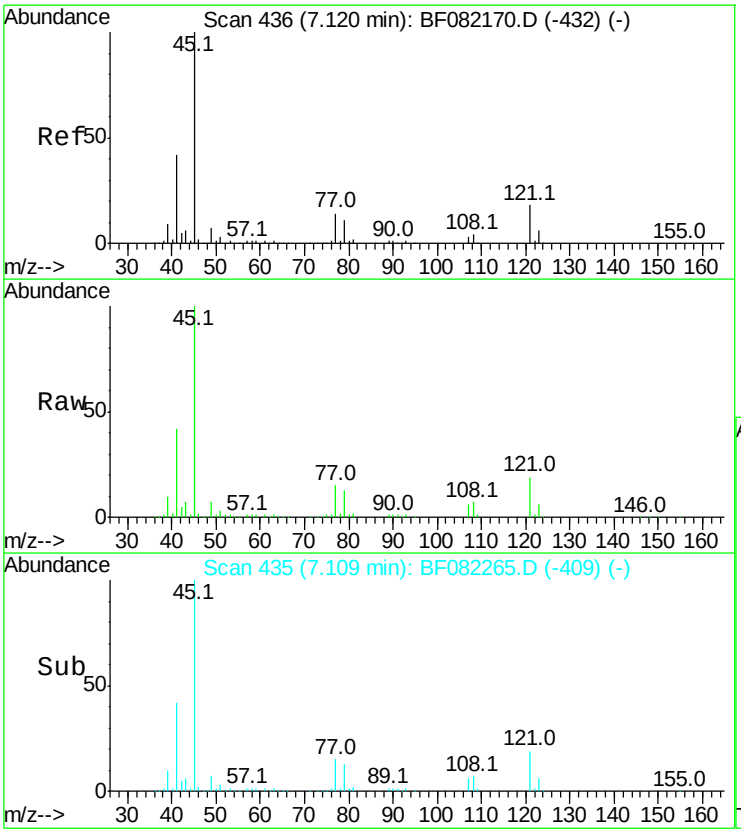
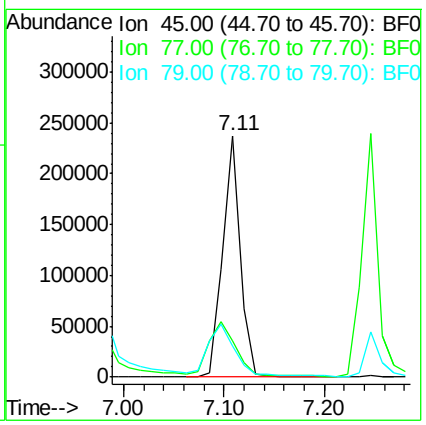


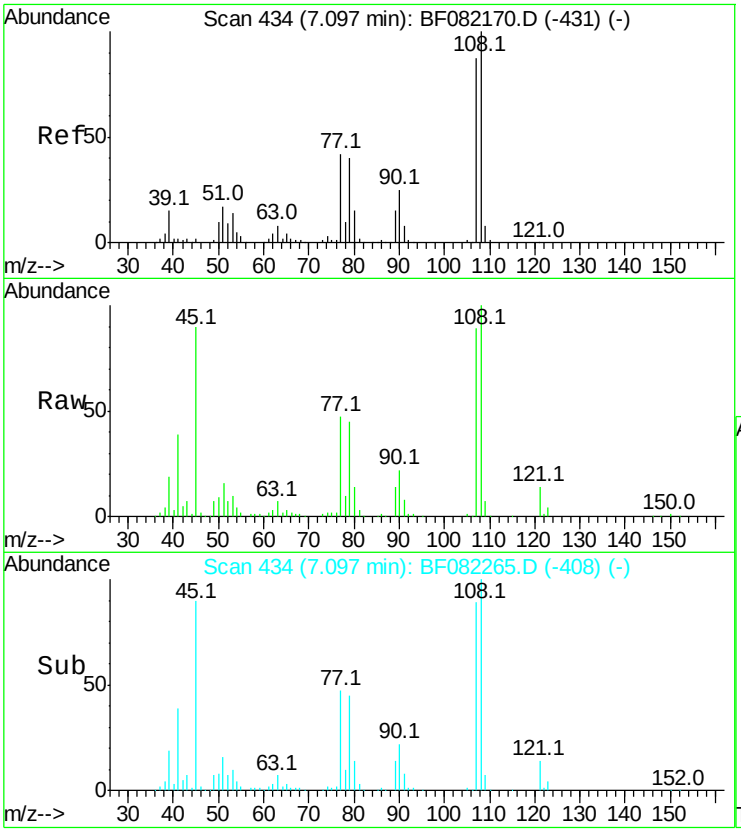


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.51 ng
RT: 7.11 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion: 45 Resp: 287979

Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	34.5
79	13.1	0.0	31.6

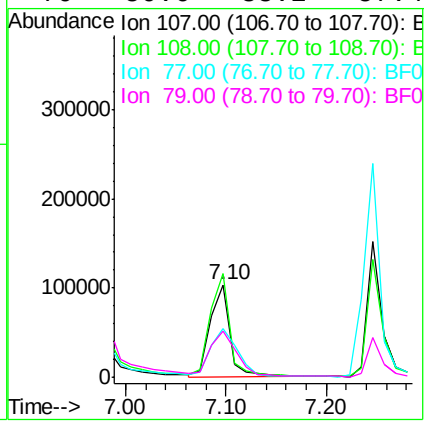




#17
2-Methylphenol
Concen: 36.57 ng
RT: 7.10 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:107 Resp: 142028

Ion	Ratio	Lower	Upper
107	100		
108	112.9	92.2	138.2
77	53.2	39.6	59.4
79	50.6	38.2	57.4



Instrument :
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ClientSampleId :
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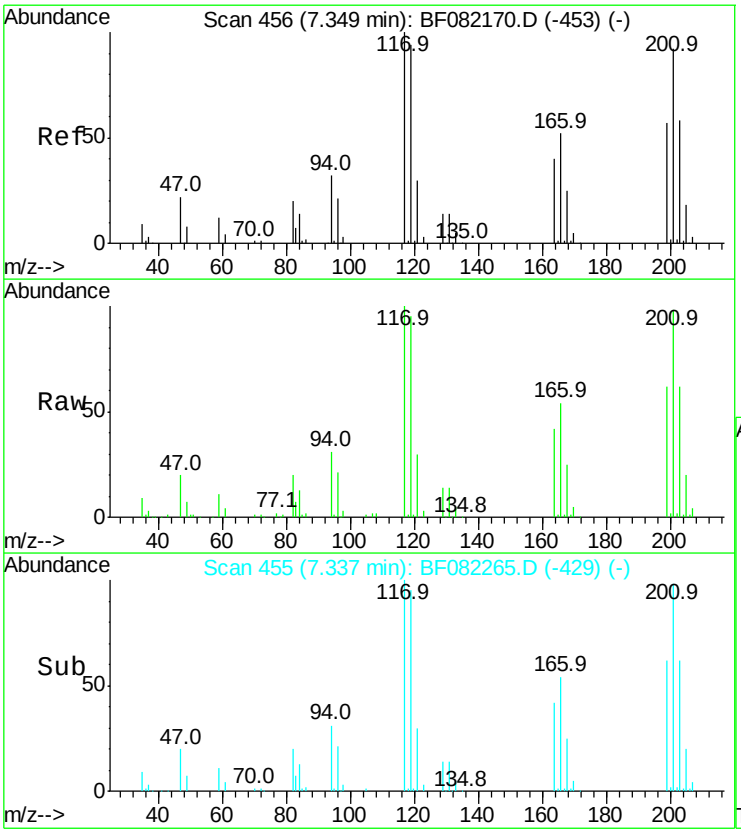
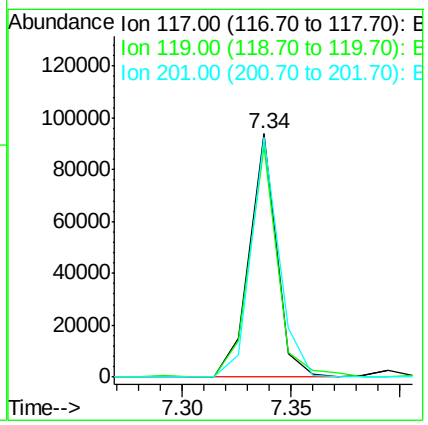
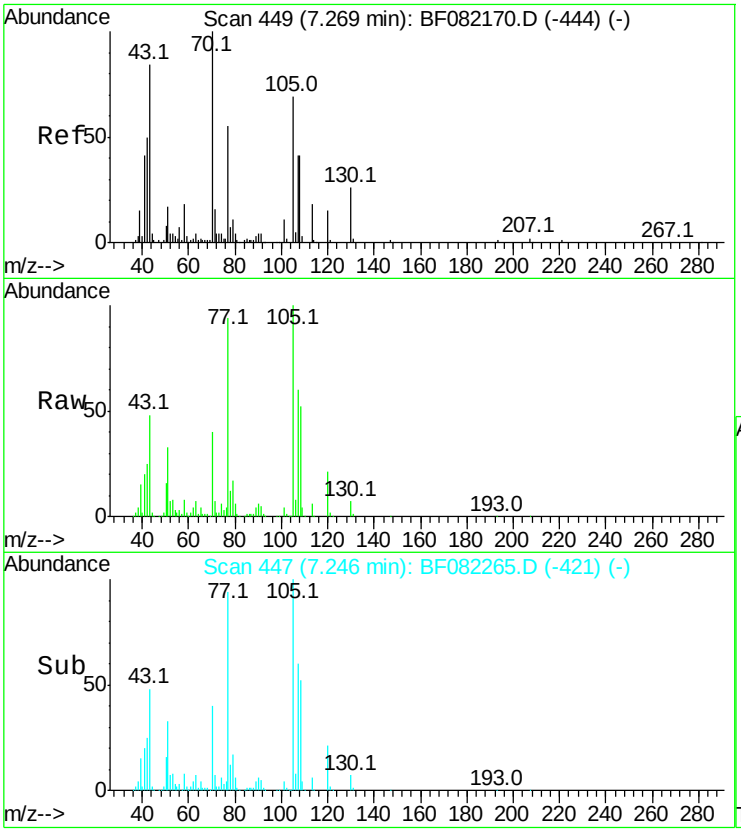


#18
Hexachloroethane
Concen: 40.13 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:117 Resp: 82061

Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.4	113.2
201	98.4	73.4	110.0





#19
n-Nitroso-di-n-propylamine
Concen: 38.59 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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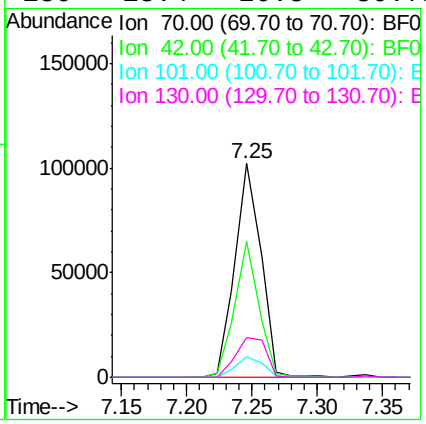
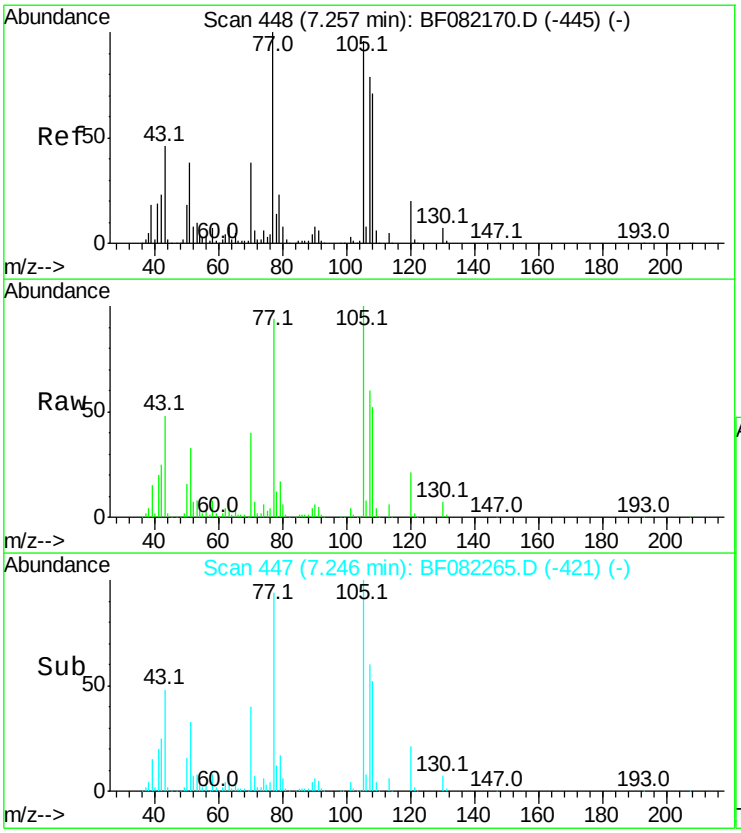
Tgt Ion: 70 Resp: 141908

Ion	Ratio	Lower	Upper
70	100		
42	63.5	39.8	59.8#
101	9.3	8.6	13.0
130	18.4	20.5	30.7#

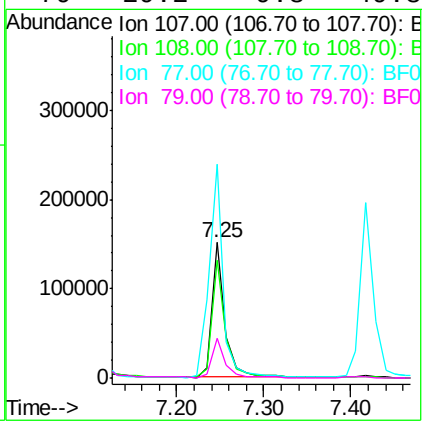


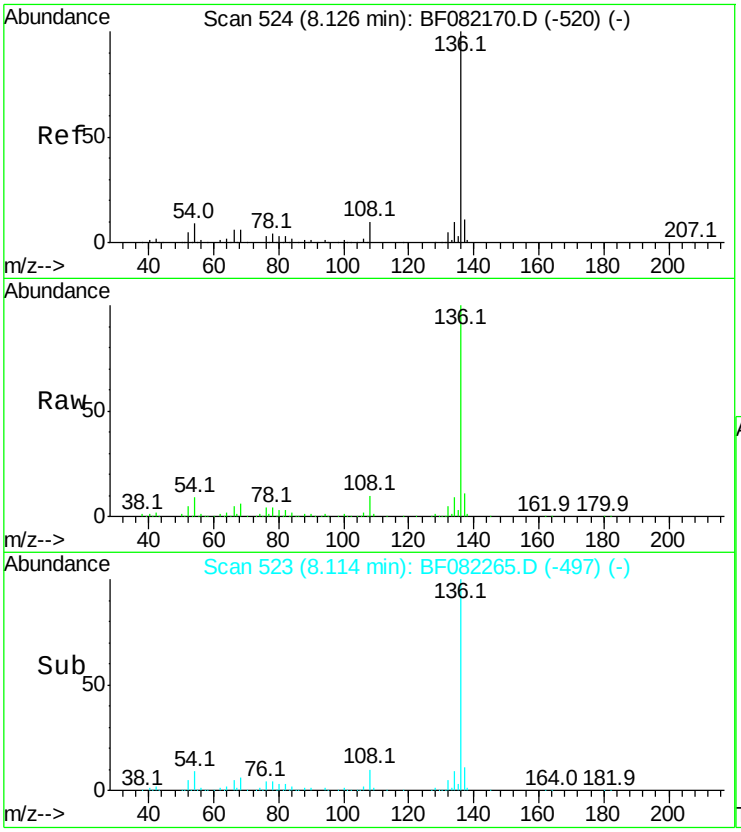


#20
3+4-Methylphenols
Concen: 34.24 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:107 Resp: 158461

Ion	Ratio	Lower	Upper
107	100		
108	87.3	69.9	109.9
77	157.8	106.0	146.0#
79	29.2	9.8	49.8

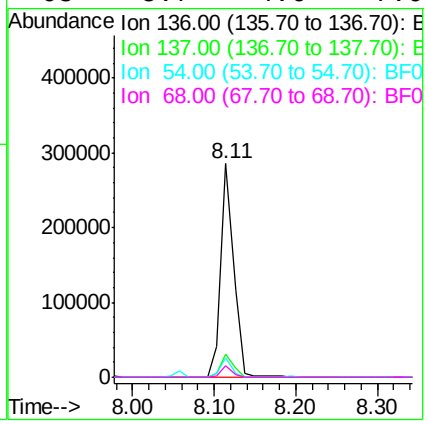




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:136 Resp: 312938

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	9.1	7.5	11.3
68	5.7	4.6	7.0



Instrument :
BNA_F
ClientSampleId :
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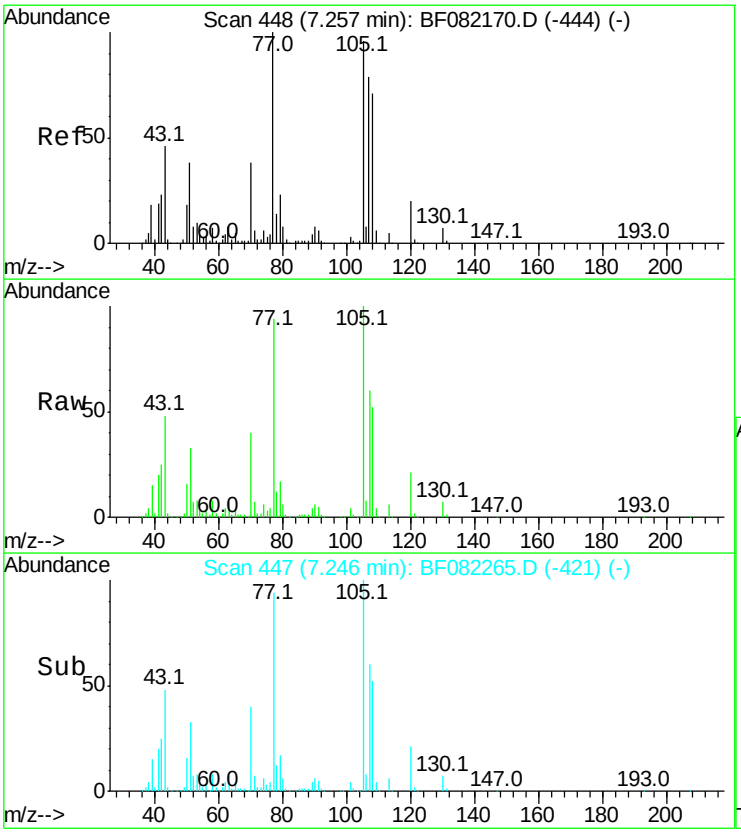
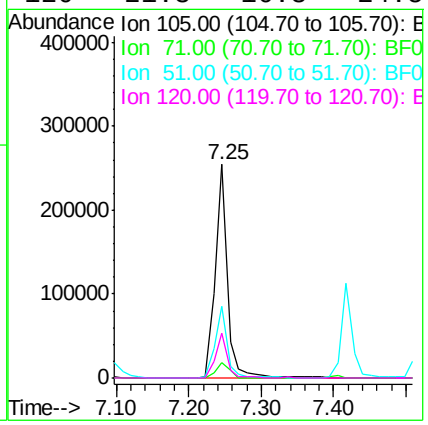
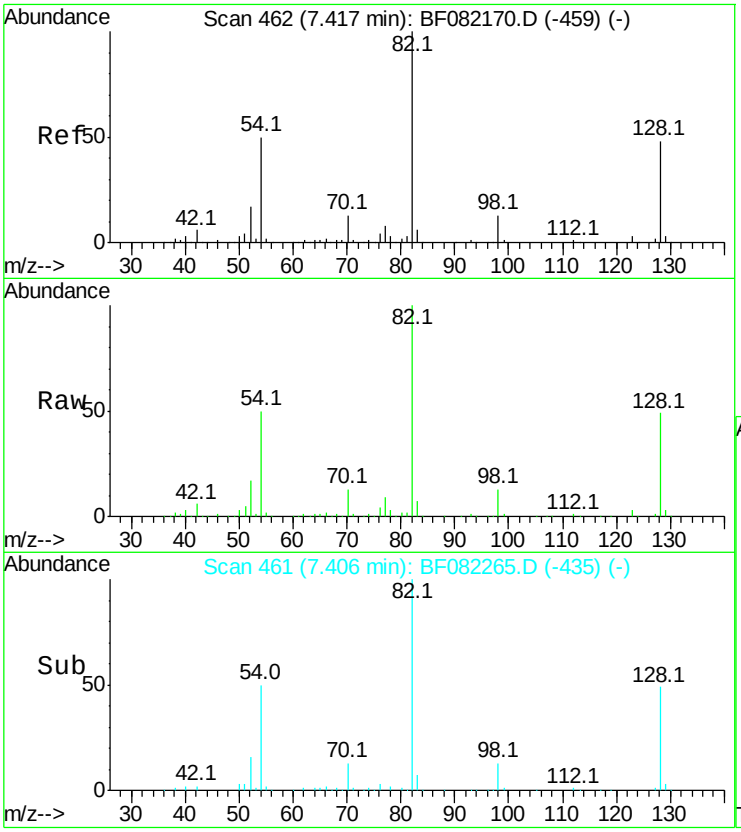


#22
Acetophenone
Concen: 48.04 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:105 Resp: 297392

Ion	Ratio	Lower	Upper
105	100		
71	7.0	5.4	8.0
51	33.5	31.8	47.6
120	21.3	16.3	24.5

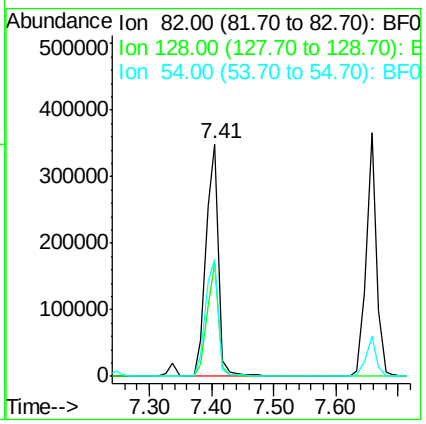




#23
Nitrobenzene-d5
Concen: 104.87 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion: 82 Resp: 488687

Ion	Ratio	Lower	Upper
82	100		
128	48.8	38.7	58.1
54	50.2	40.1	60.1



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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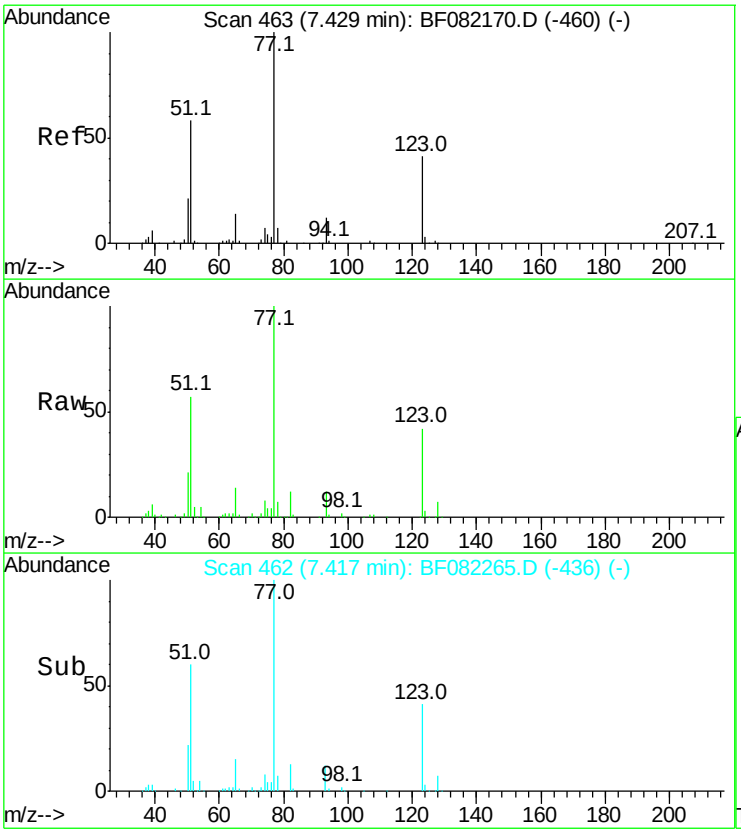
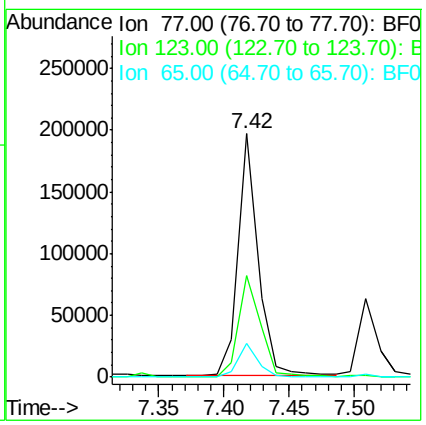
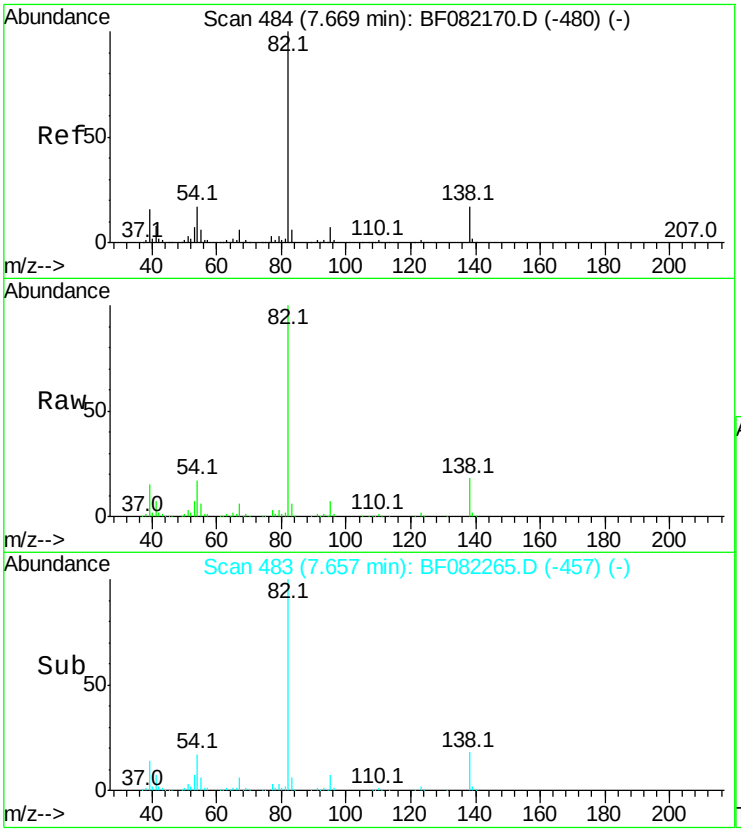


#24
Nitrobenzene
Concen: 41.34 ng
RT: 7.42 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion: 77 Resp: 208537

Ion	Ratio	Lower	Upper
77	100		
123	41.5	33.0	49.4
65	13.9	11.2	16.8

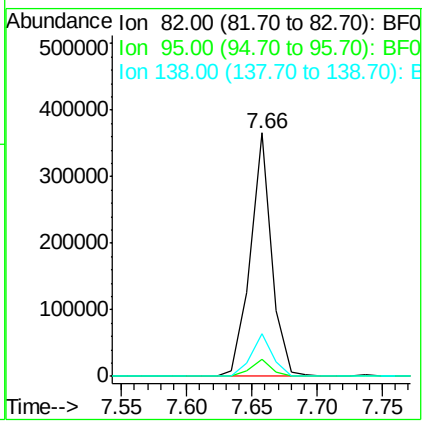




#25
Isophorone
Concen: 44.07 ng
RT: 7.66 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion: 82 Resp: 414504

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	17.7	13.6	20.4



Instrument :
BNA_F
ClientSampleId :
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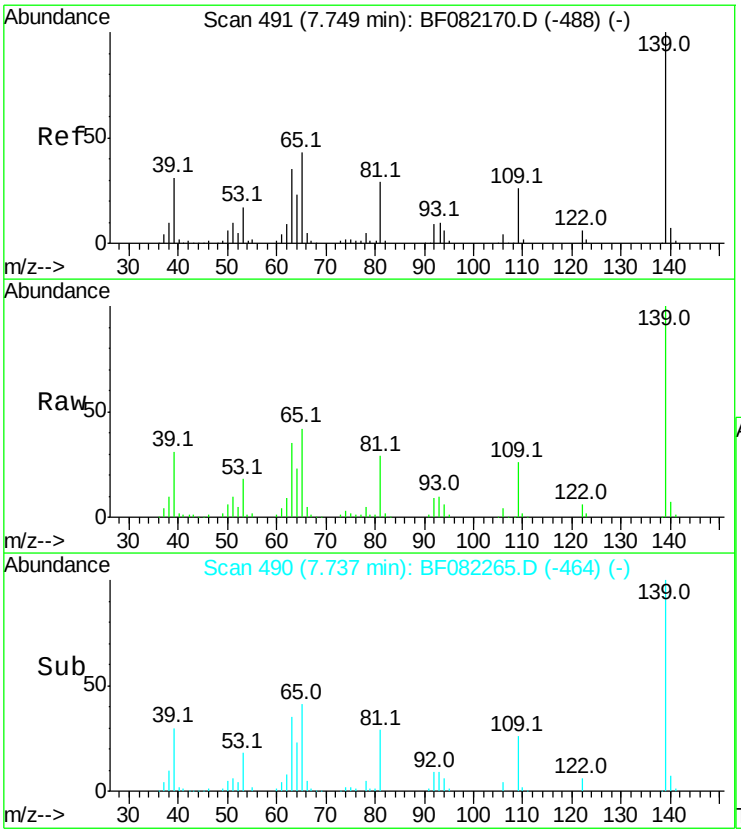
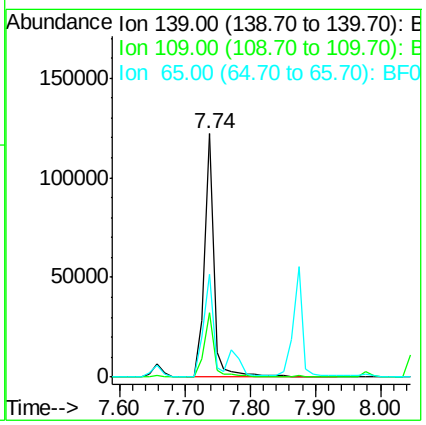
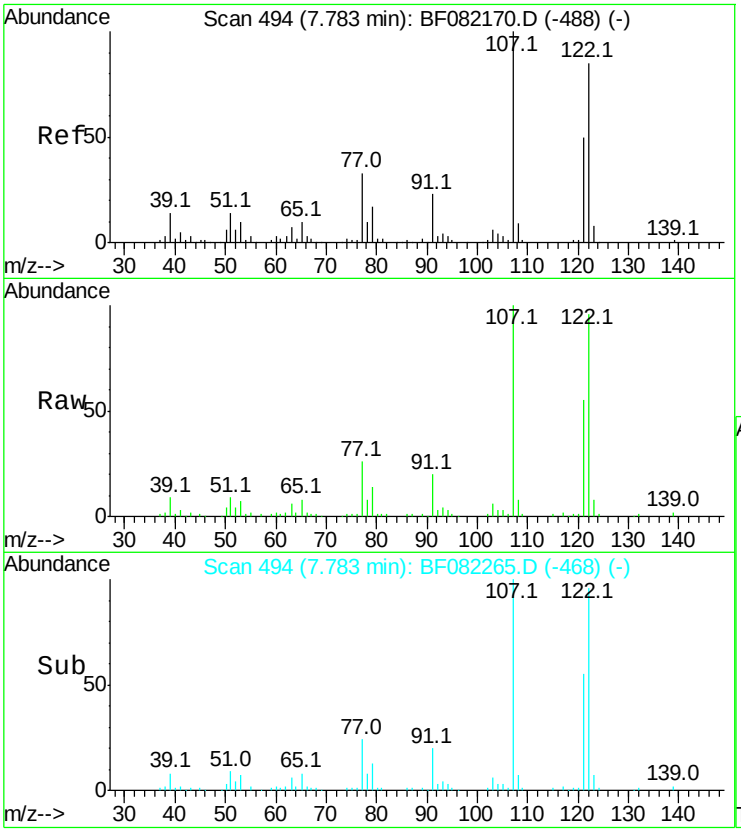


#26
2-Nitrophenol
Concen: 49.00 ng
RT: 7.74 min Scan# 490
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:139 Resp: 123419

Ion	Ratio	Lower	Upper
139	100		
109	26.3	20.6	31.0
65	42.3	34.3	51.5

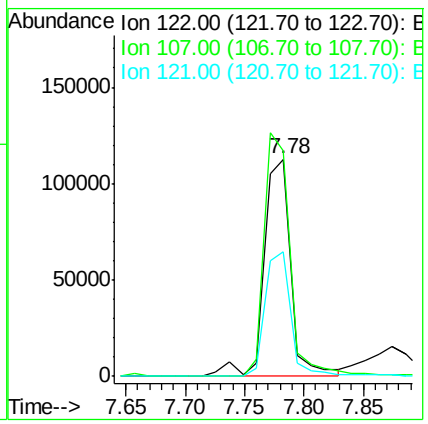




#27
2,4-Dimethylphenol
Concen: 43.82 ng
RT: 7.78 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:122 Resp: 177797

Ion	Ratio	Lower	Upper
122	100		
107	104.2	94.0	141.0
121	57.5	46.8	70.2



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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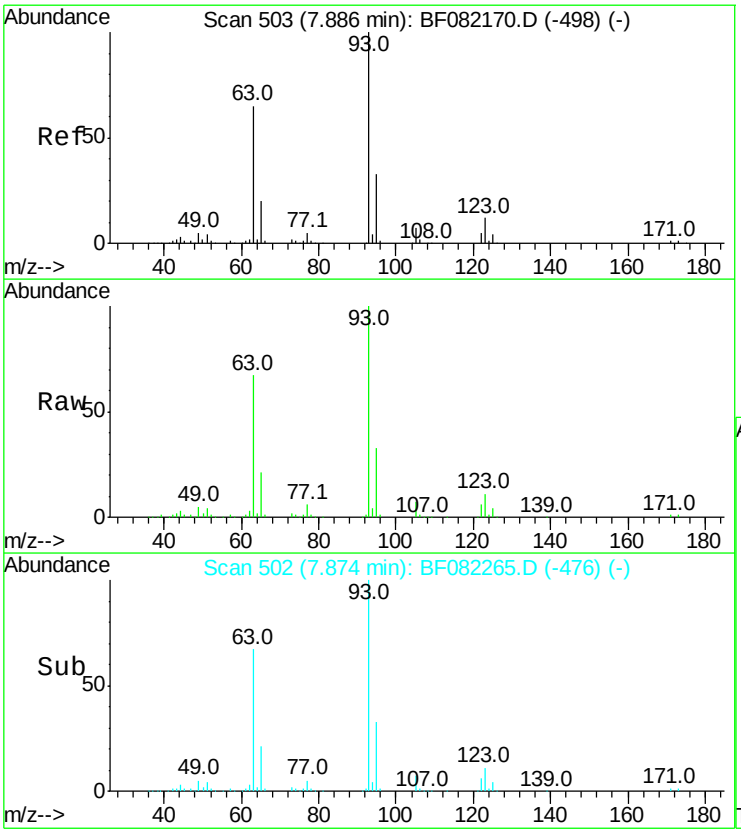
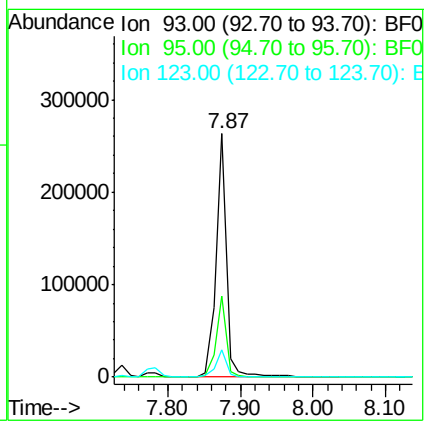
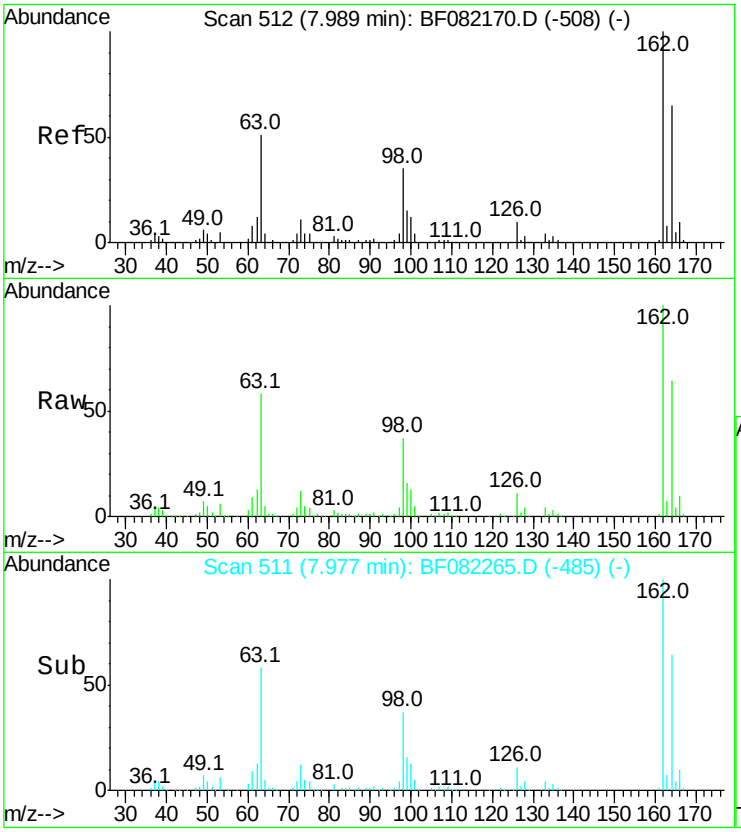


#28
bis(2-Chloroethoxy)methane
Concen: 48.42 ng
RT: 7.87 min Scan# 502
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion: 93 Resp: 264972

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.6	39.8
123	11.4	9.5	14.3

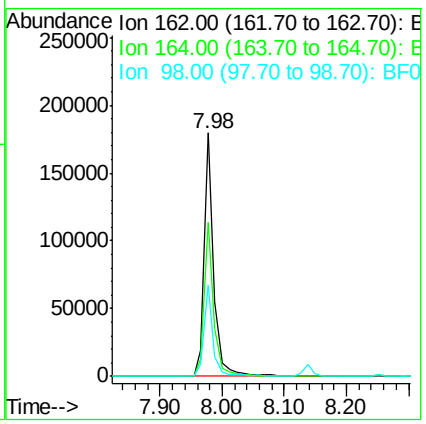




#29
2,4-Dichlorophenol
Concen: 47.69 ng
RT: 7.98 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:162 Resp: 193446

Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	37.3	15.0	55.0



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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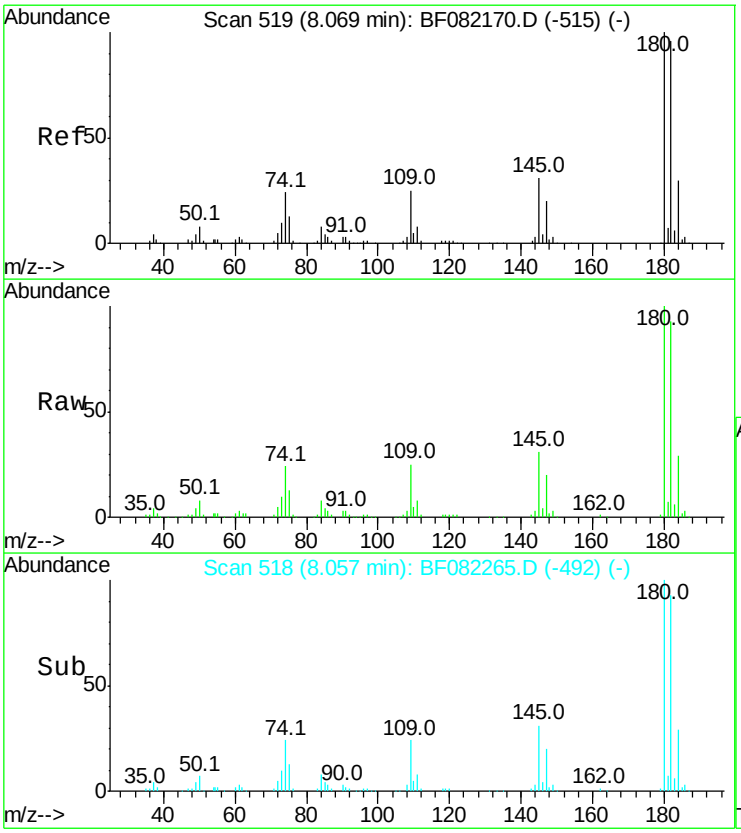
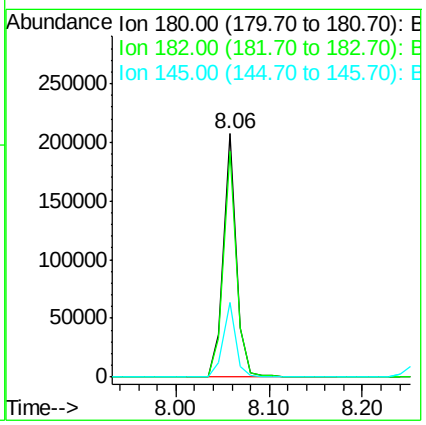
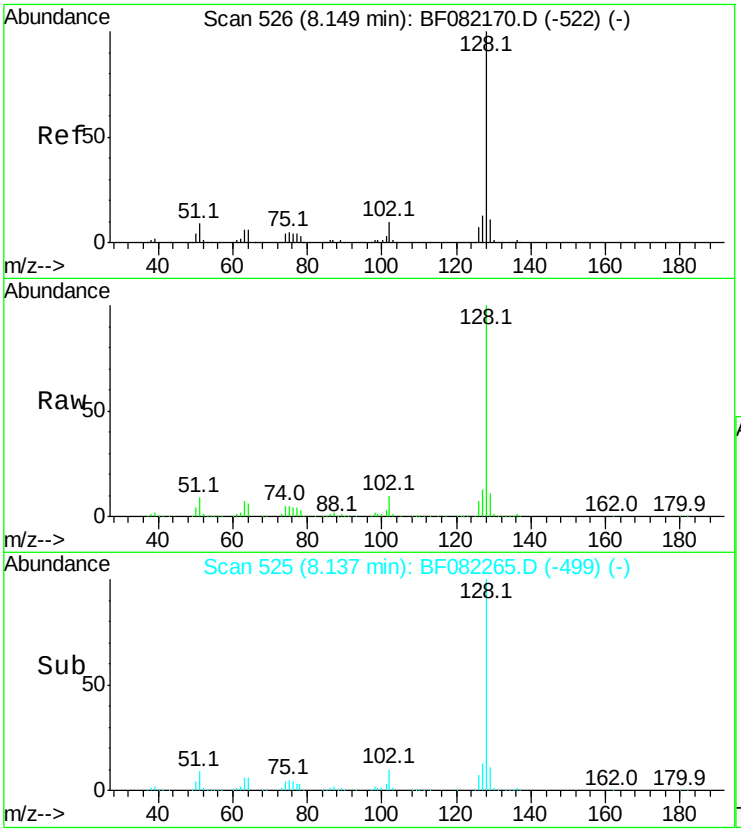


#30
1,2,4-Trichlorobenzene
Concen: 43.19 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:180 Resp: 201952

Ion	Ratio	Lower	Upper
180	100		
182	92.8	77.0	115.4
145	30.6	25.0	37.4

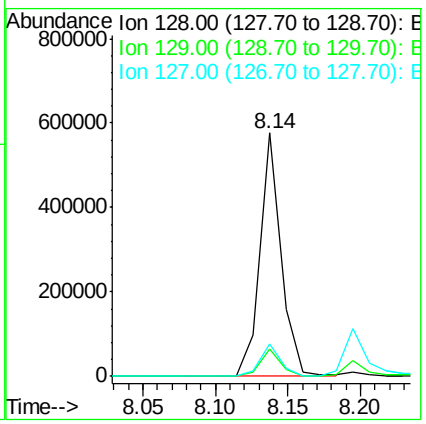




#31
Naphthalene
Concen: 43.29 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:128 Resp: 587264

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.4	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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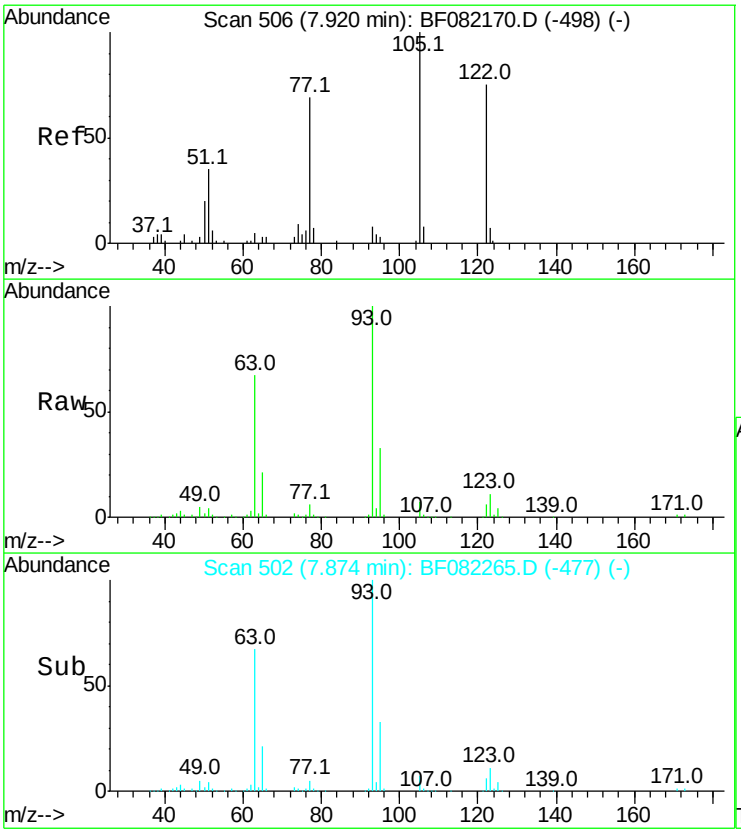
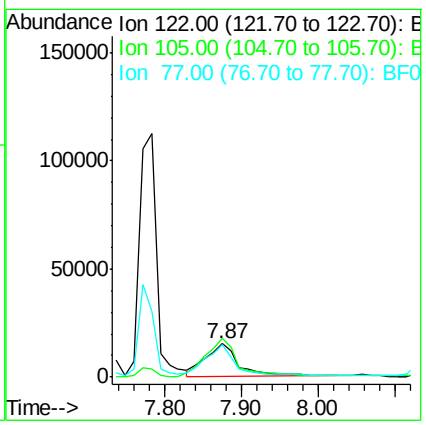
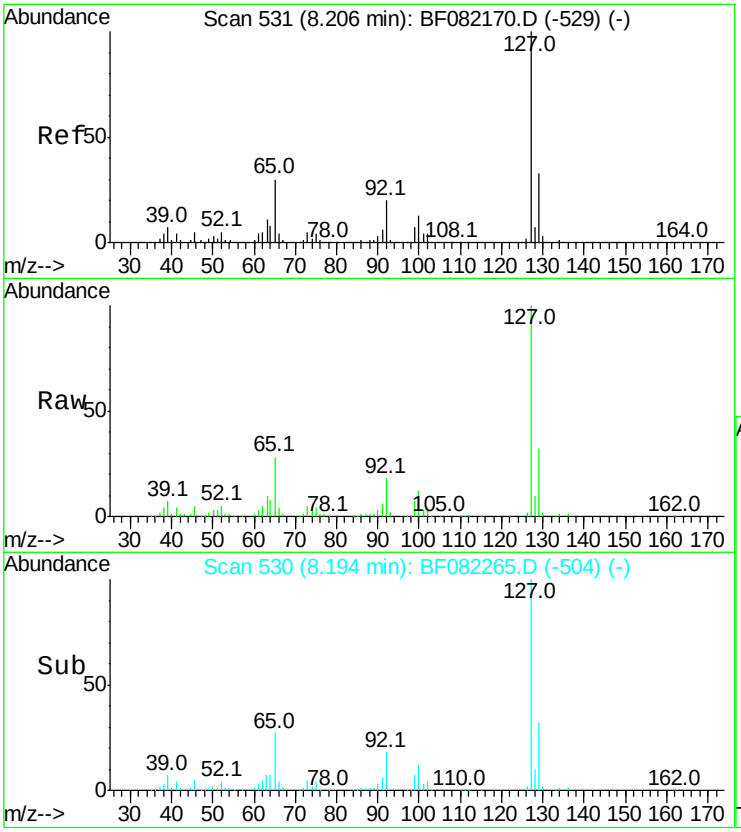


#32
Benzoic acid
Concen: 16.46 ng
RT: 7.87 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:122 Resp: 44817

Ion	Ratio	Lower	Upper
122	100		
105	119.3	104.4	144.4
77	96.6	69.0	109.0

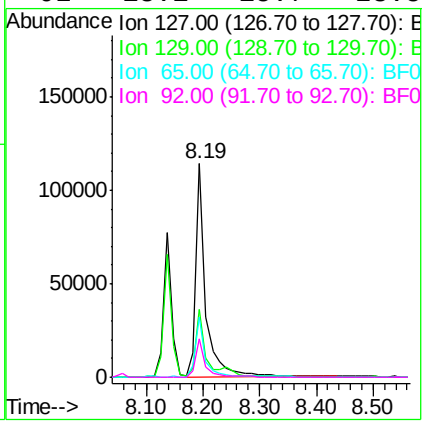




#33
4-Chloroaniline
Concen: 24.63 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:127 Resp: 138776

Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	27.9	24.4	36.6
92	18.1	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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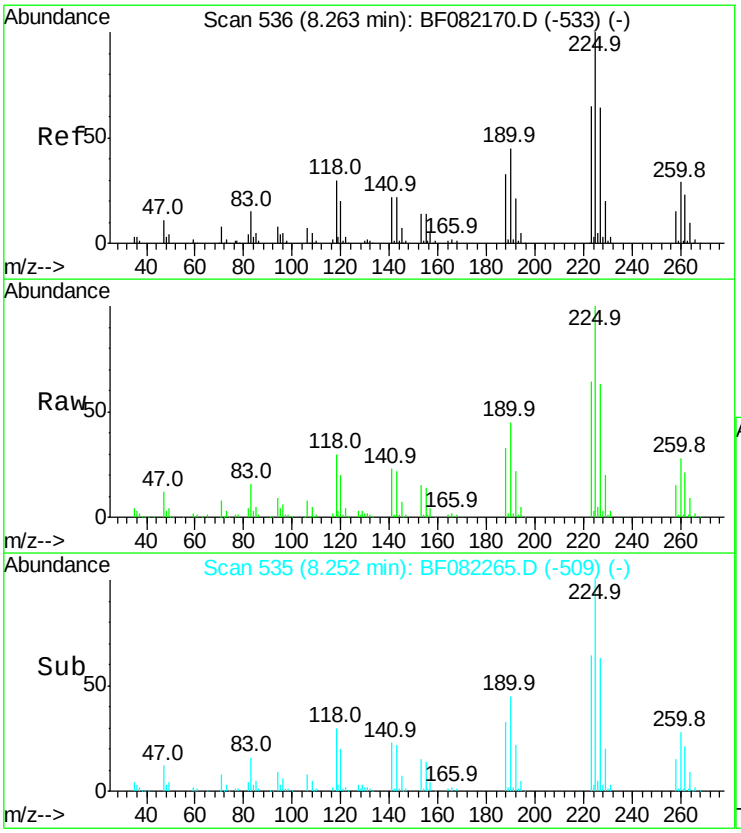
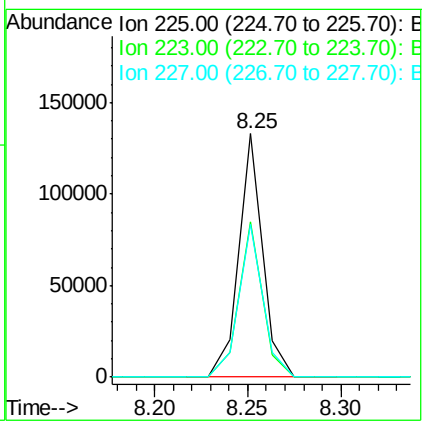
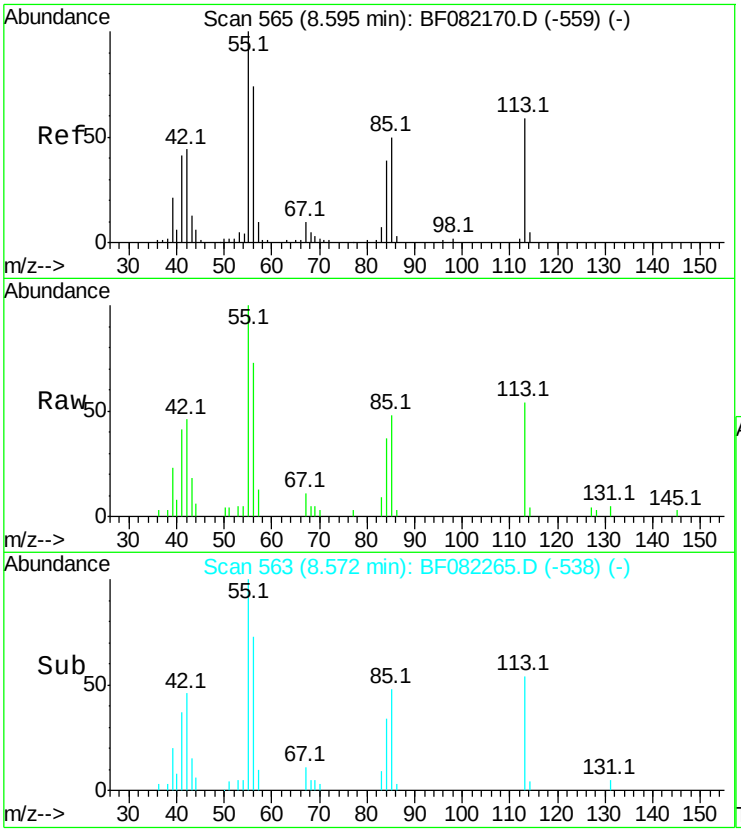


#34
Hexachlorobutadiene
Concen: 40.90 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:225 Resp: 119141

Ion	Ratio	Lower	Upper
225	100		
223	63.7	52.2	78.2
227	62.9	51.3	76.9

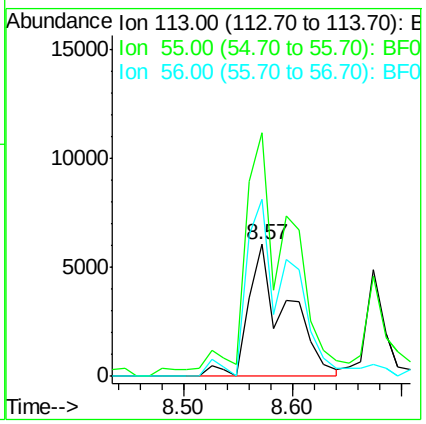




#35
Caprolactam
Concen: 12.80 ng
RT: 8.57 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:113 Resp: 15074

Ion	Ratio	Lower	Upper
113	100		
55	184.4	149.7	189.7
56	134.1	105.4	145.4



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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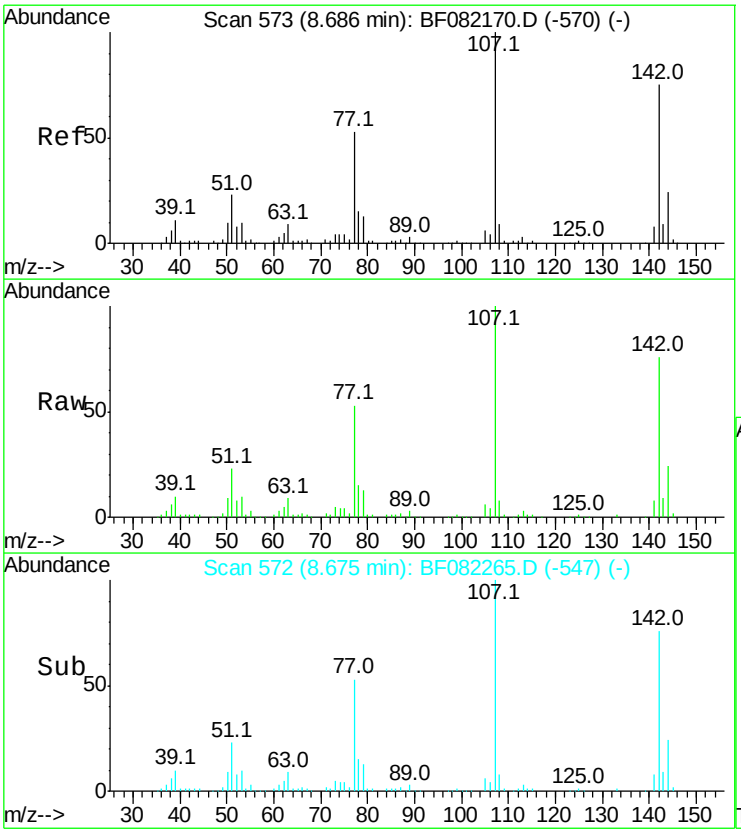
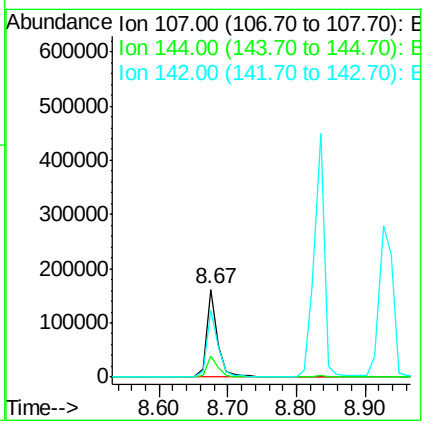
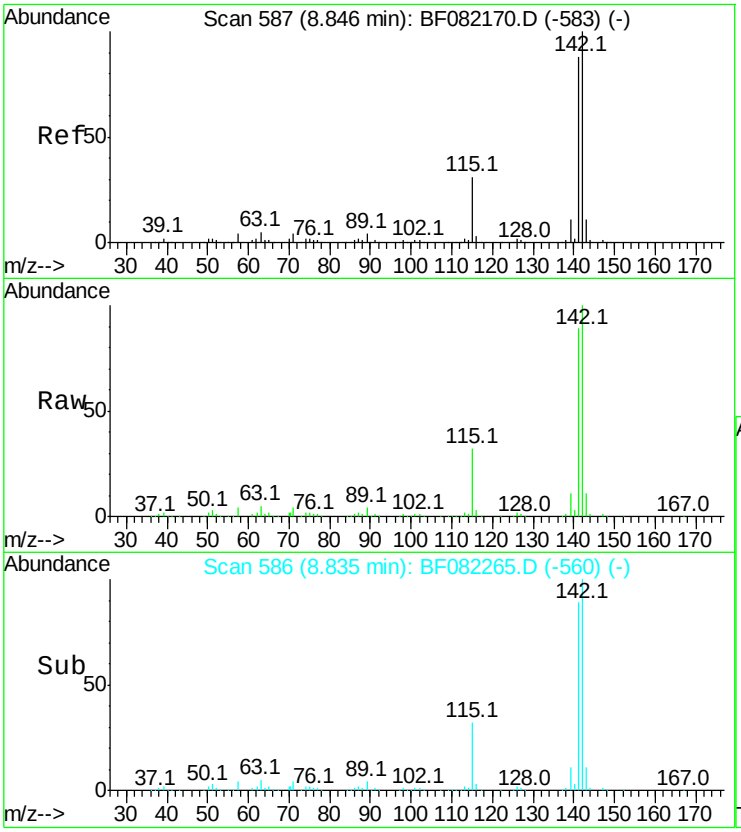


#36
4-Chloro-3-methylphenol
Concen: 46.01 ng
RT: 8.67 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:107 Resp: 182511

Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.3	28.9
142	76.2	59.9	89.9

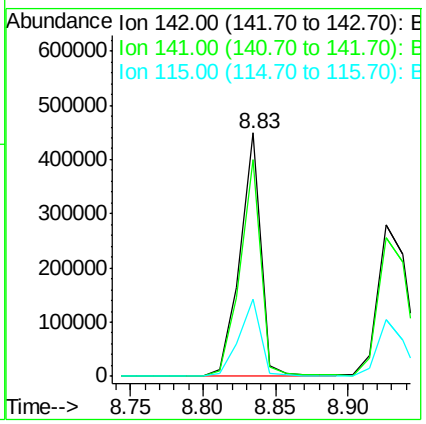




#37
2-Methylnaphthalene
Concen: 47.87 ng
RT: 8.83 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:142 Resp: 450197

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.4	105.6
115	32.0	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

Manual Integrations APPROVED
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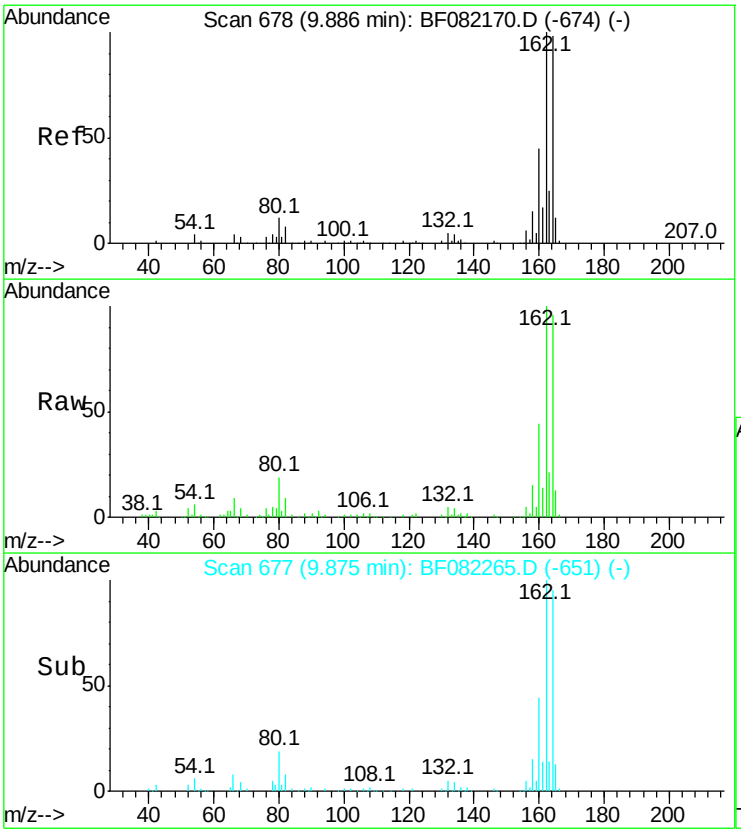
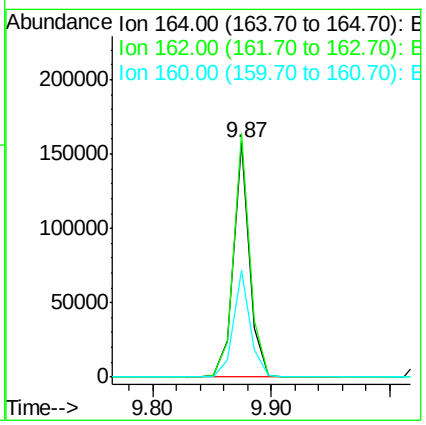
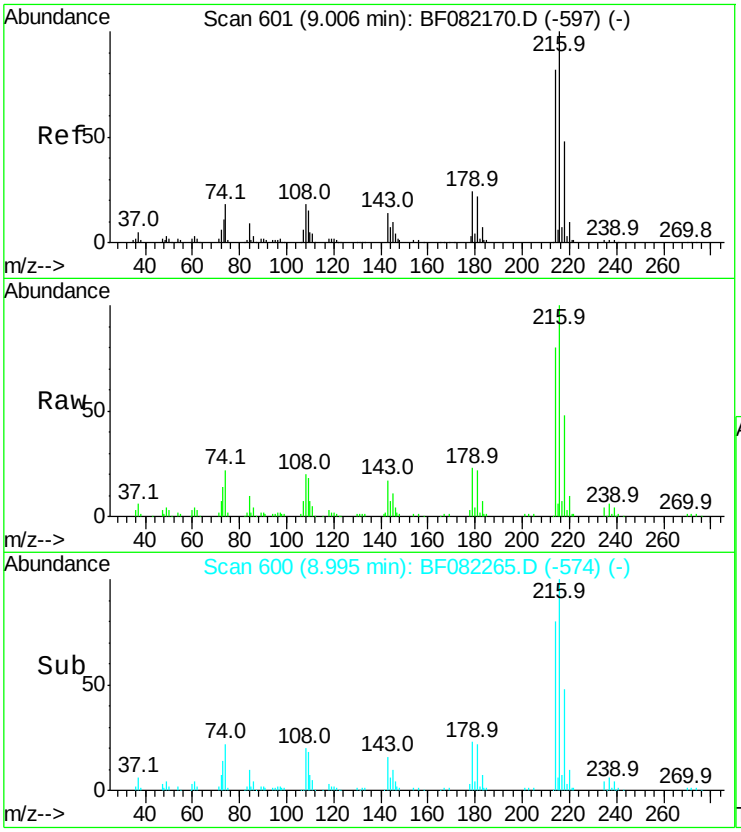


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:164 Resp: 149932

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.6	122.4
160	45.5	36.4	54.6

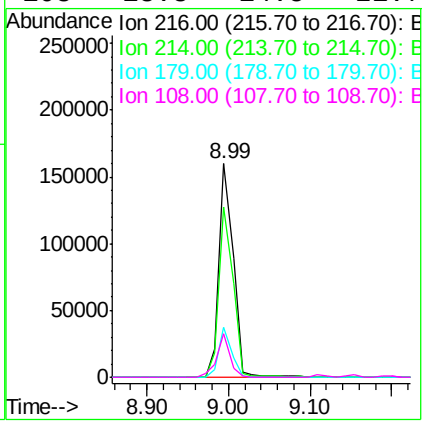




#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.32 ng
RT: 8.99 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:216 Resp: 193182

Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.6	97.0
179	20.7	17.6	26.4
108	18.8	14.5	21.7



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

Manual Integrations APPROVED
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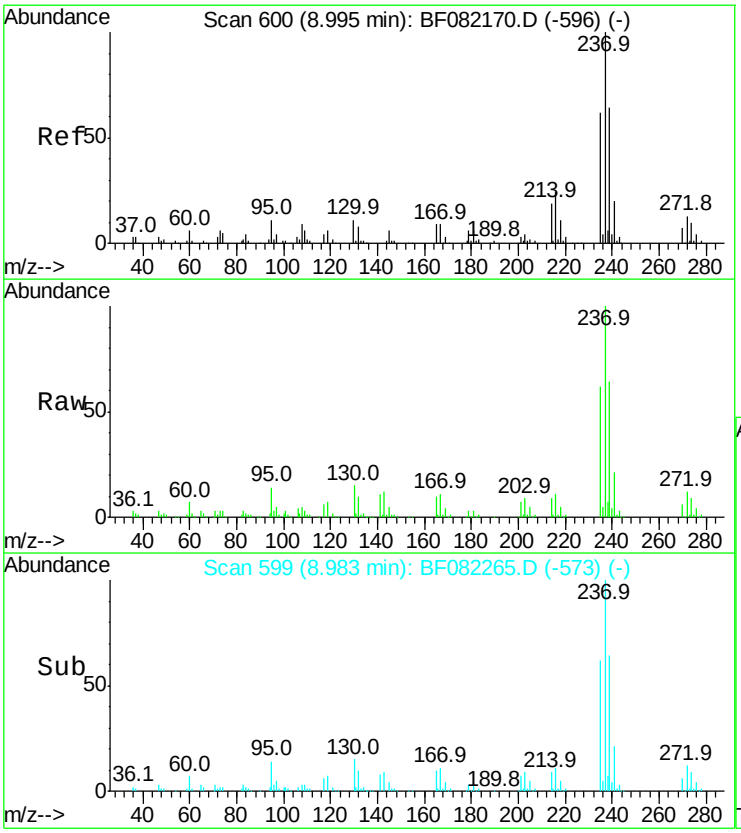
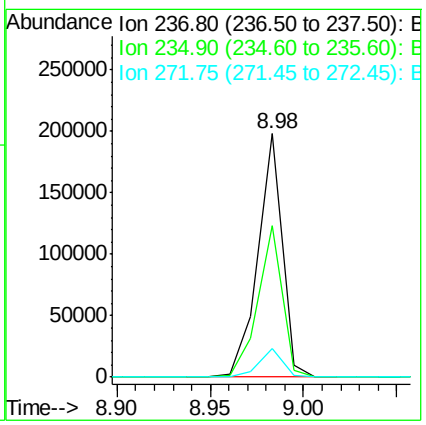
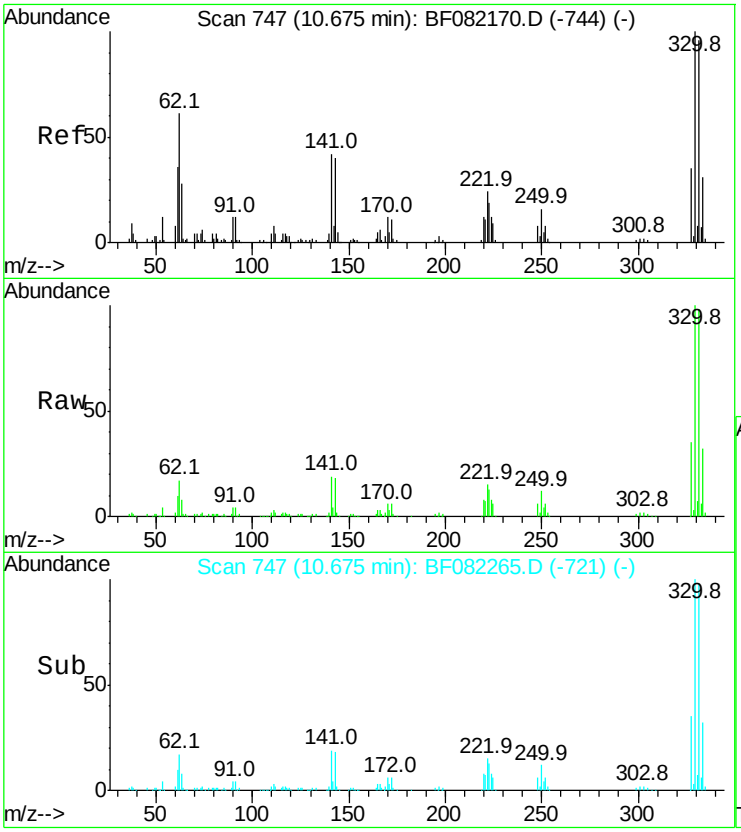


#40
Hexachlorocyclopentadiene
Concen: 79.12 ng
RT: 8.98 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:237 Resp: 178306

Ion	Ratio	Lower	Upper
237	100		
235	62.2	41.7	81.7
272	11.7	0.0	32.8

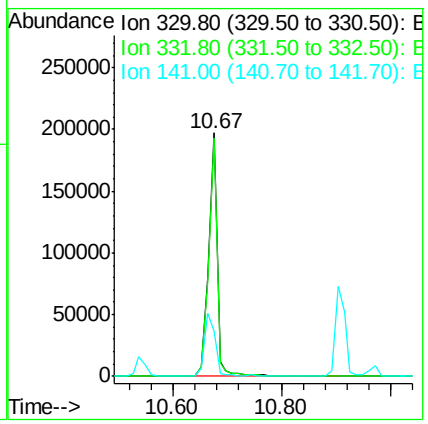




#41
2,4,6-Tribromophenol
Concen: 153.11 ng
RT: 10.67 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:330 Resp: 215283

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	31.9	29.8	44.8



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

Manual Integrations APPROVED
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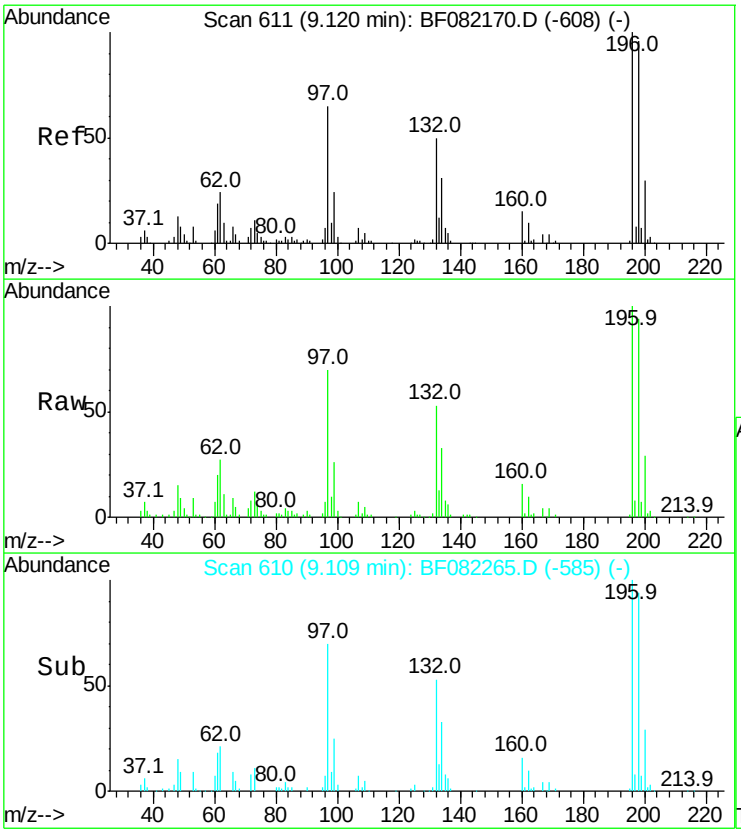
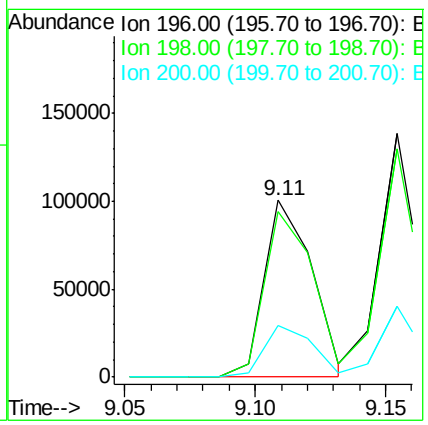
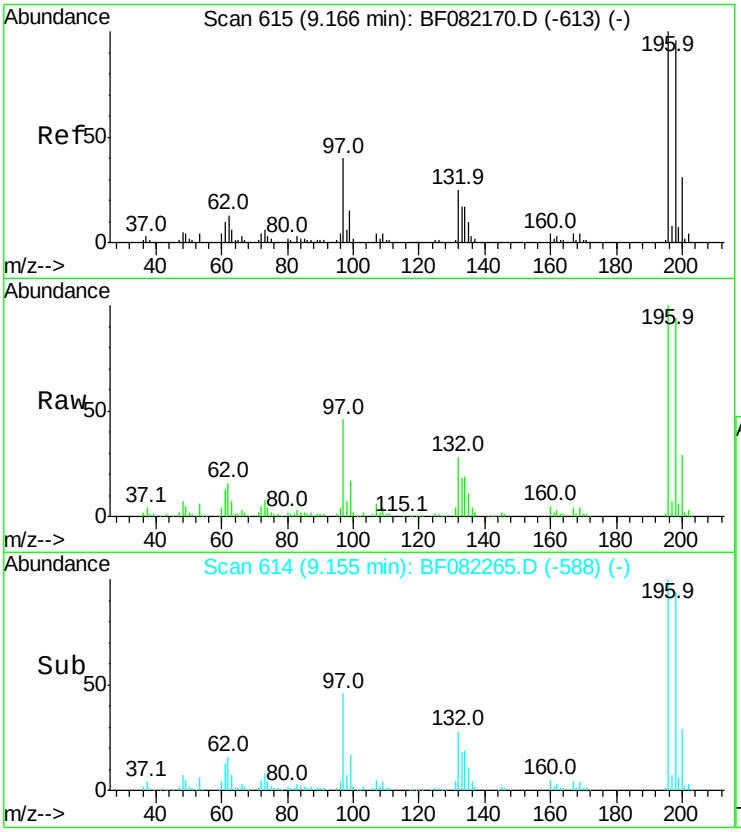


#42
2,4,6-Trichlorophenol
Concen: 43.37 ng
RT: 9.11 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:196 Resp: 128460

Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.6	115.0
200	29.3	23.7	35.5

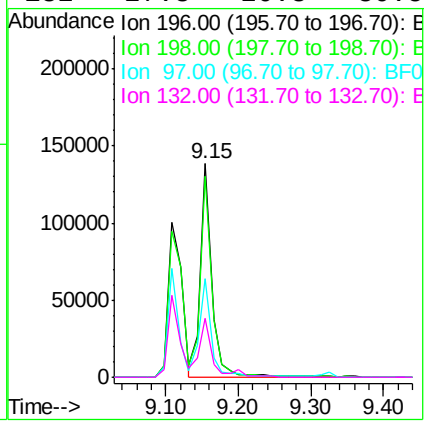




#43
2,4,5-Trichlorophenol
Concen: 47.94 ng
RT: 9.15 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:196 Resp: 153836

Ion	Ratio	Lower	Upper
196	100		
198	93.9	77.0	115.4
97	46.0	31.9	47.9
132	27.8	20.3	30.5



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

Manual Integrations APPROVED
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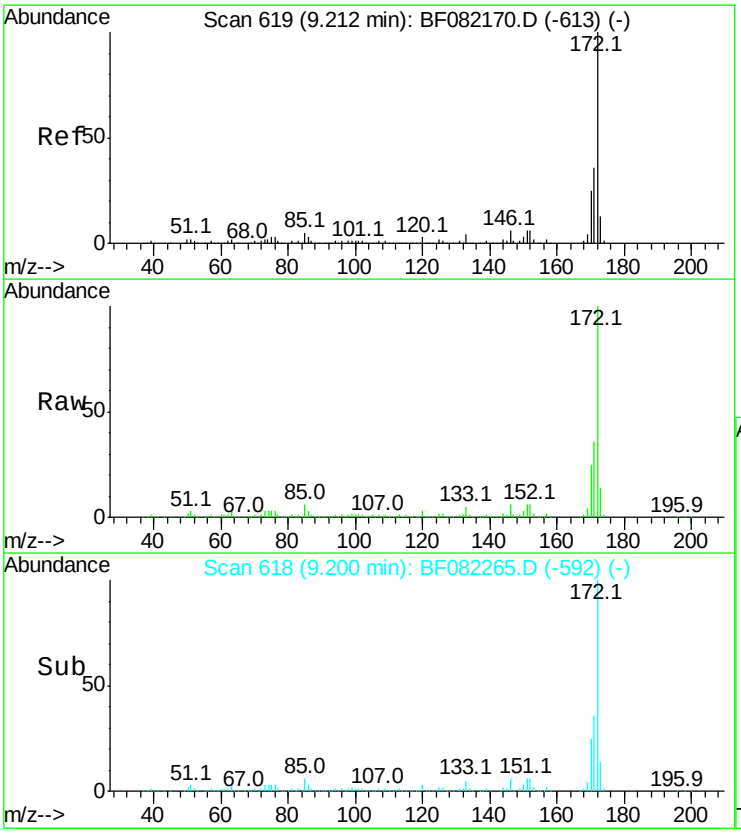
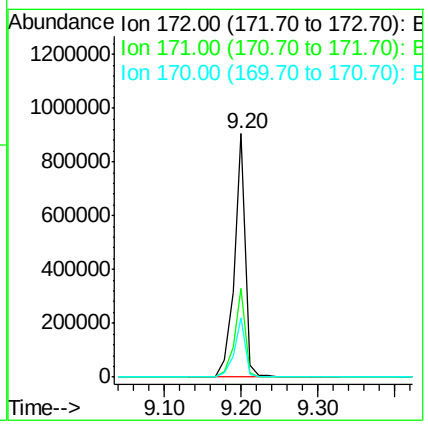
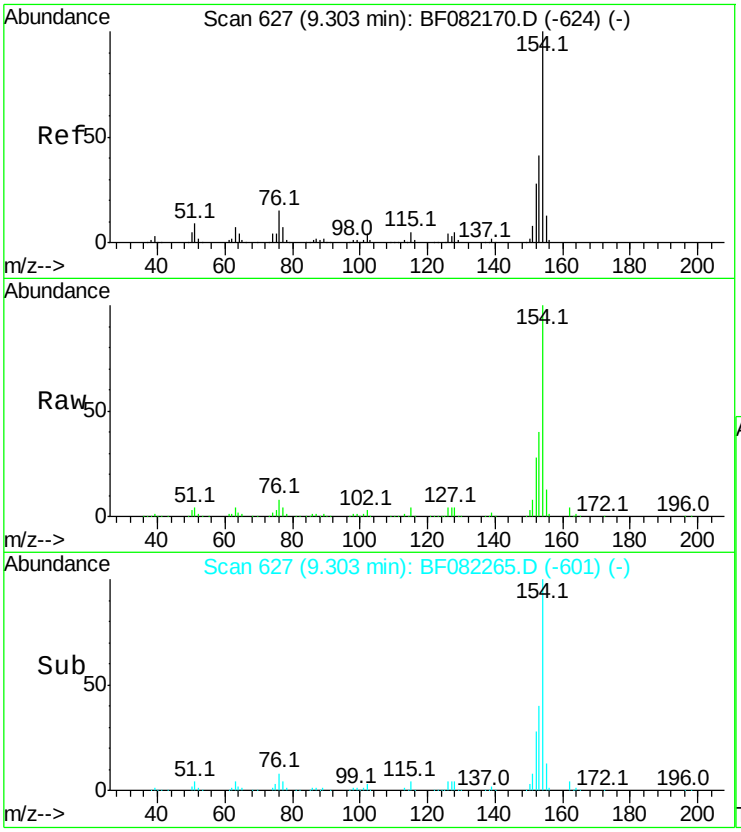


#44
2-Fluorobiphenyl
Concen: 102.63 ng
RT: 9.20 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:172 Resp: 927857

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	24.5	19.7	29.5

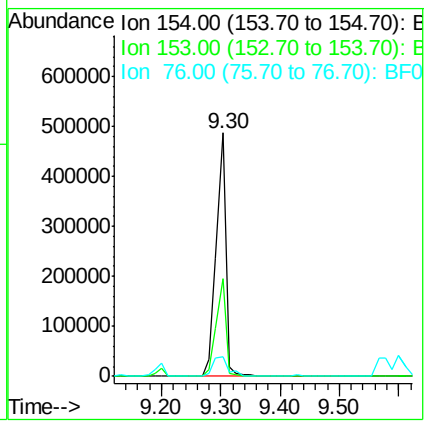




#45
1,1'-Biphenyl
Concen: 47.95 ng
RT: 9.30 min Scan# 627
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:154 Resp: 548263

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.6	60.6
76	8.3	0.0	35.2



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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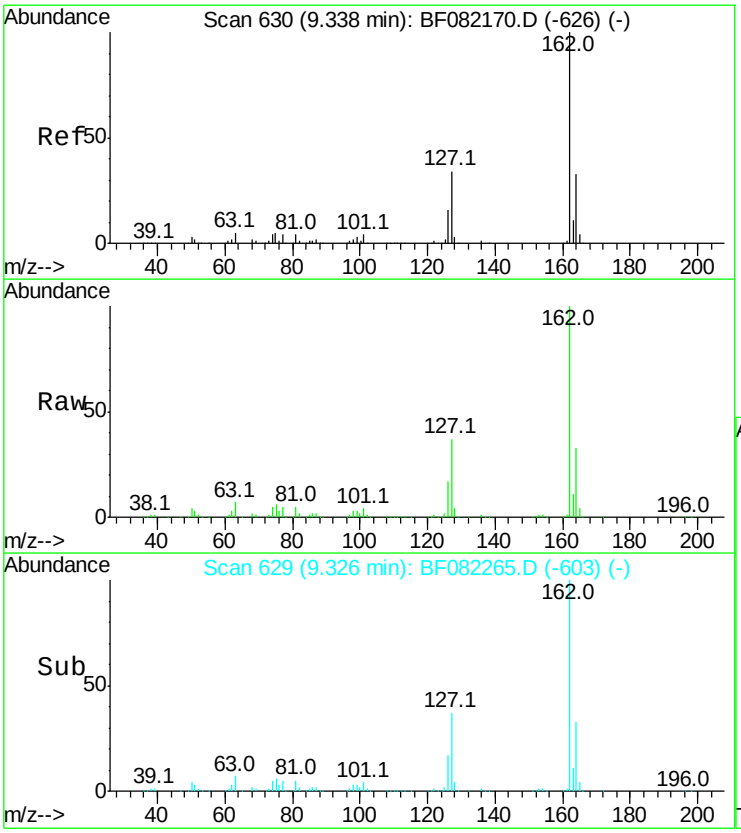
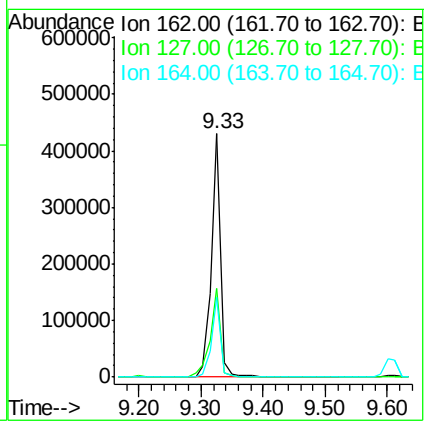
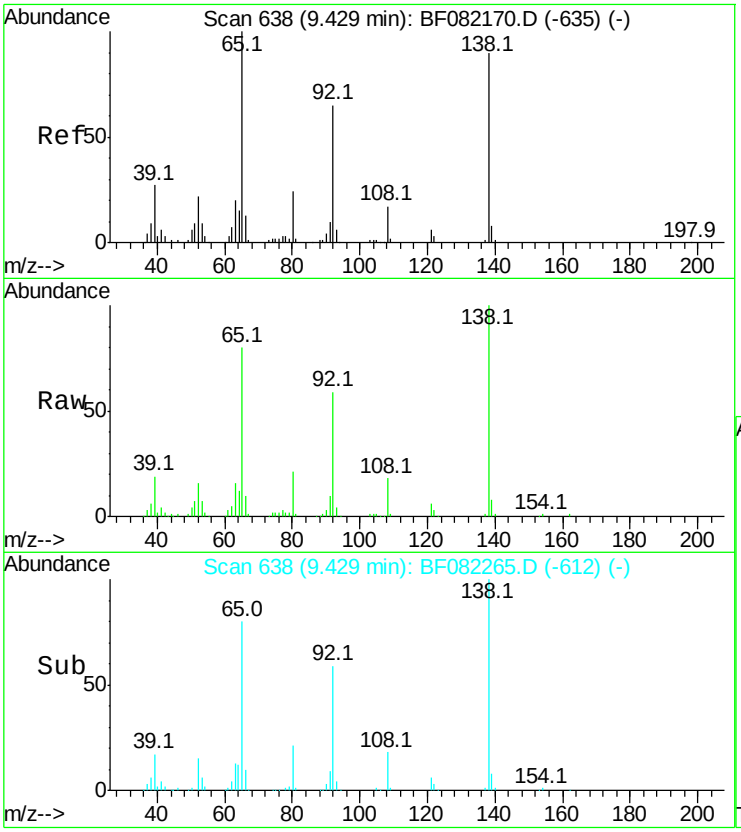


#46
2-Chloronaphthalene
Concen: 48.94 ng
RT: 9.33 min Scan# 629
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:162 Resp: 440511

Ion	Ratio	Lower	Upper
162	100		
127	36.6	27.5	41.3
164	33.0	26.6	39.8

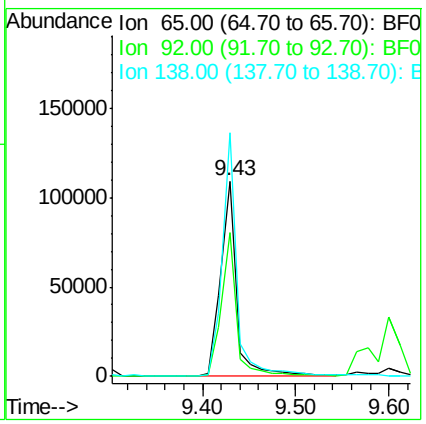




#47
2-Nitroaniline
Concen: 53.08 ng
RT: 9.43 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion: 65 Resp: 131157

Ion	Ratio	Lower	Upper
65	100		
92	73.8	52.3	78.5
138	124.6	72.2	108.4#



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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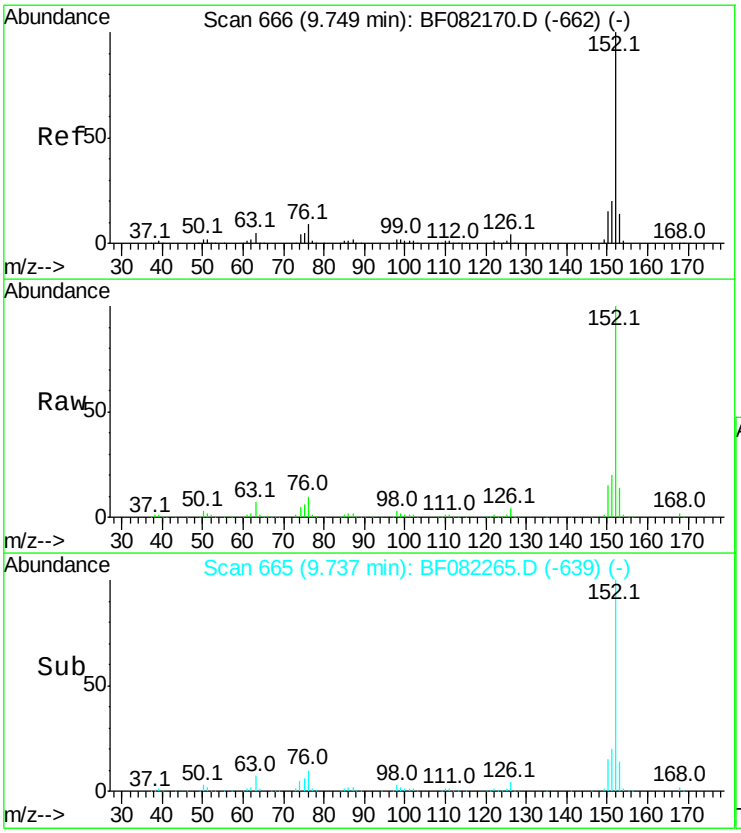
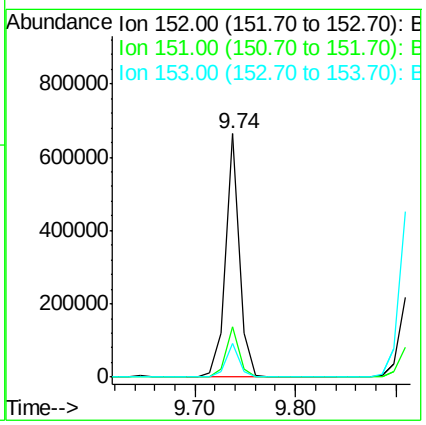
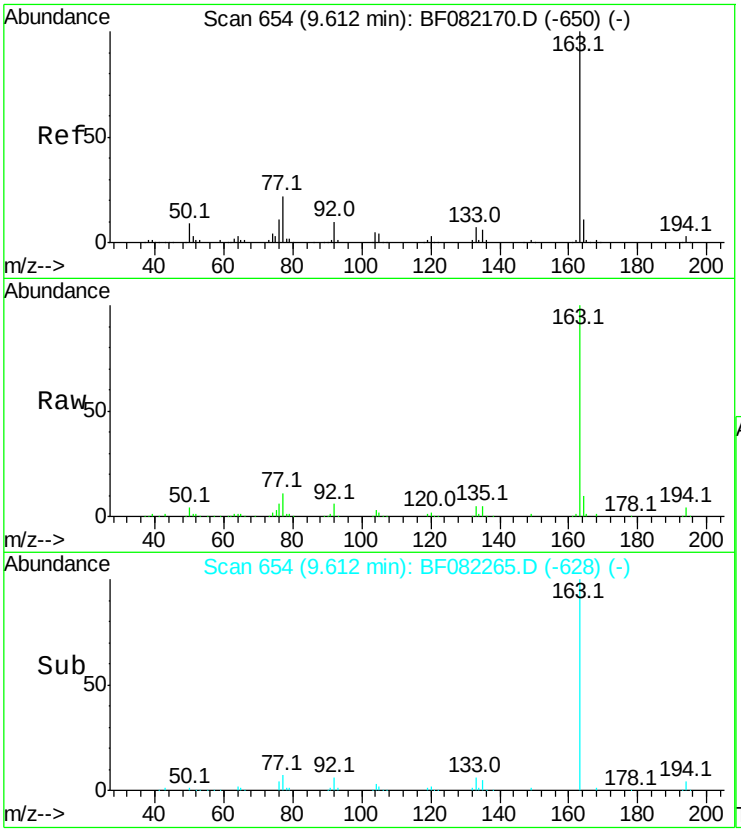


#48
Acenaphthylene
Concen: 45.53 ng
RT: 9.74 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:152 Resp: 638390

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	13.6	10.8	16.2

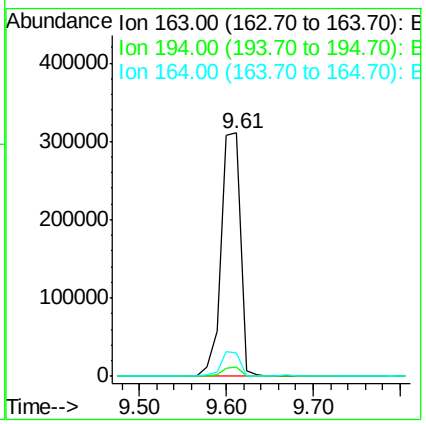




#49
Dimethylphthalate
Concen: 45.51 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:163 Resp: 480443

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	4.0#
164	9.6	8.5	12.7



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

Manual Integrations APPROVED
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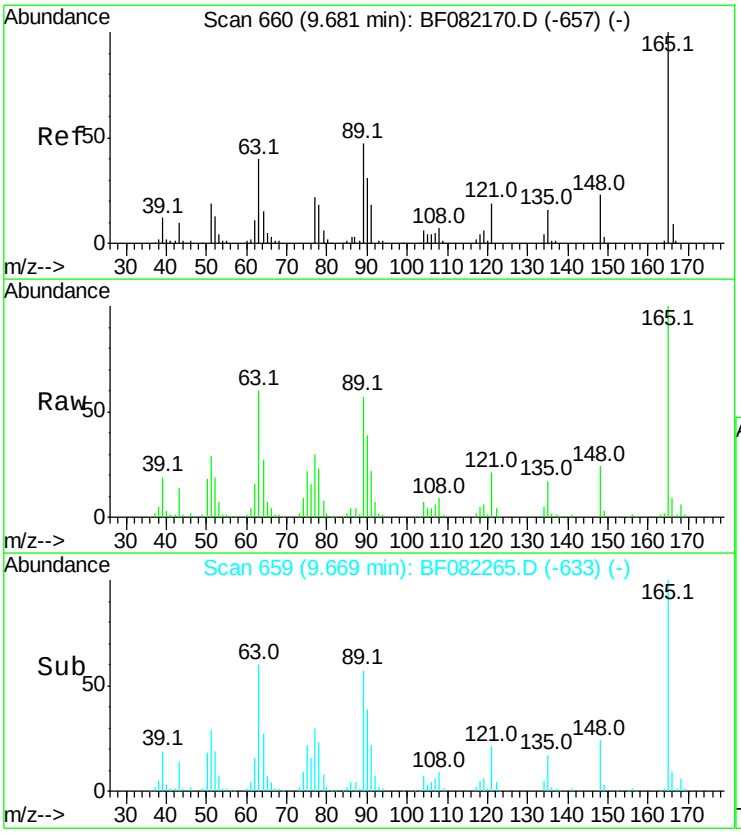
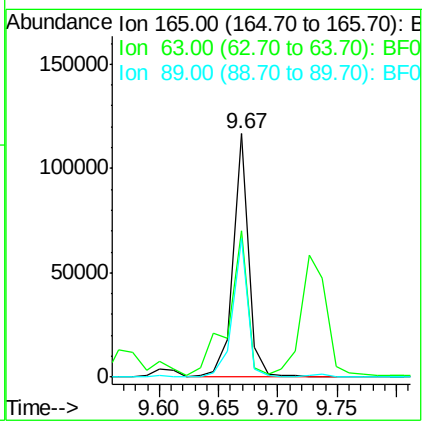
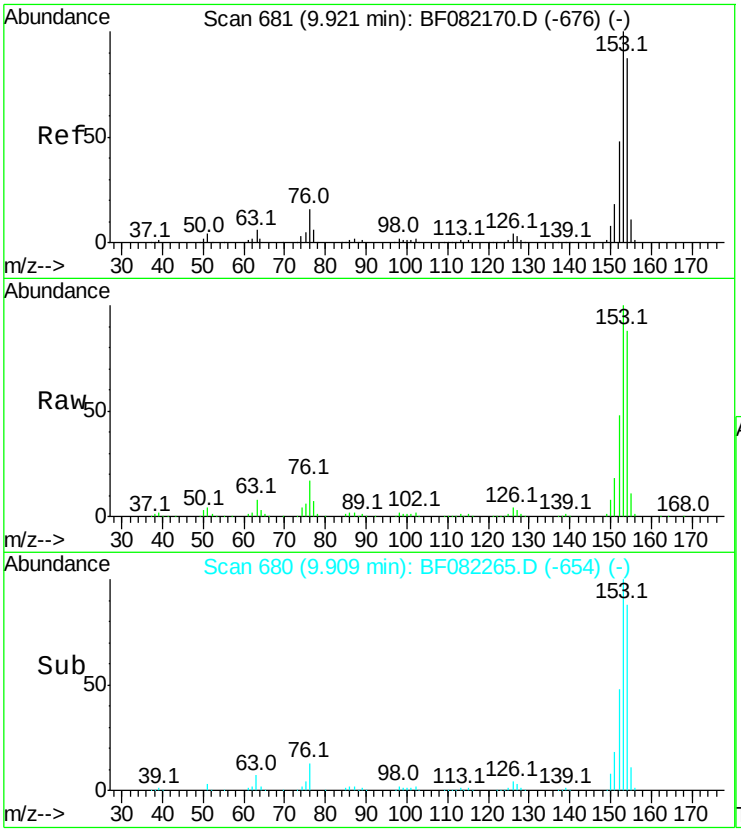


#50
2,6-Dinitrotoluene
Concen: 47.84 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:165 Resp: 106571

Ion	Ratio	Lower	Upper
165	100		
63	60.2	36.7	55.1#
89	57.1	37.8	56.6#

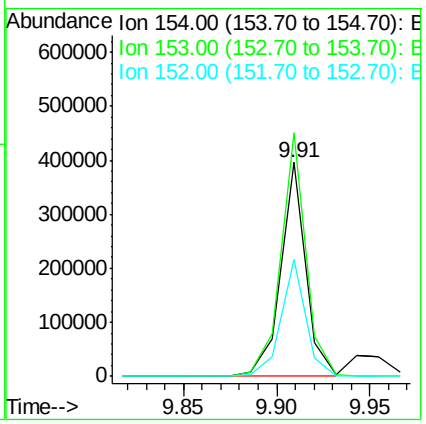




#51
Acenaphthene
Concen: 43.90 ng
RT: 9.91 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:154 Resp: 369536

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.4	137.2
152	54.6	44.3	66.5



Instrument :
BNA_F
ClientSampleId :
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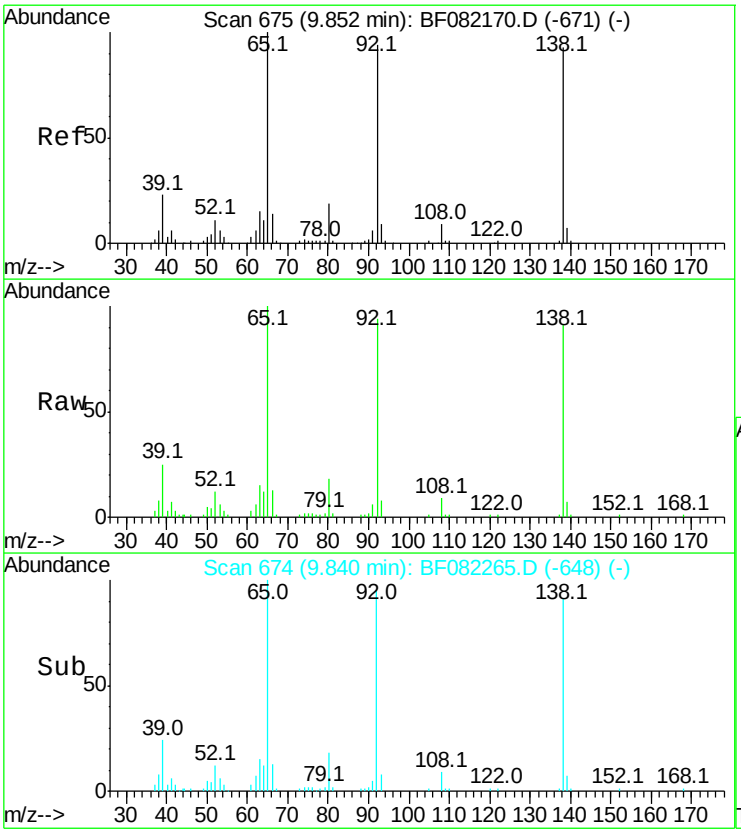
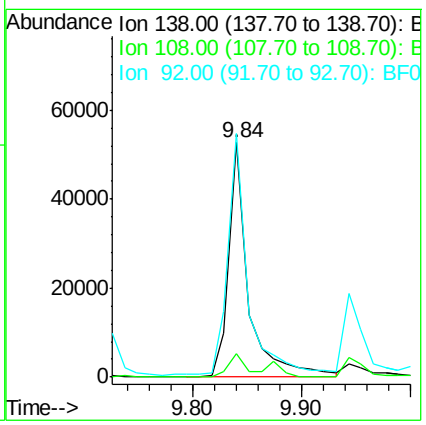
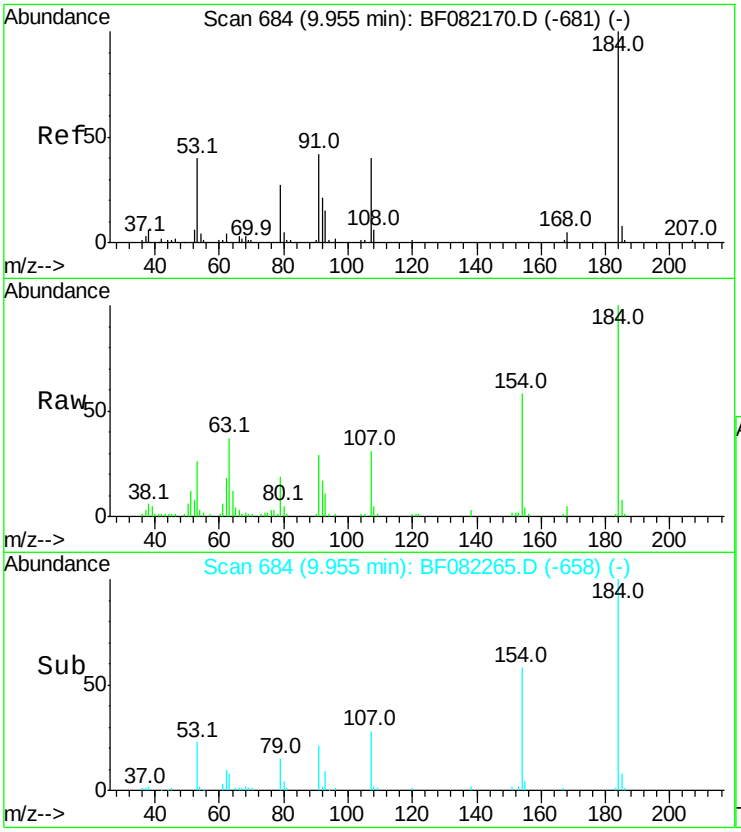


#52
3-Nitroaniline
Concen: 26.29 ng
RT: 9.84 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:138 Resp: 66155

Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.4	11.0
92	103.9	81.3	121.9

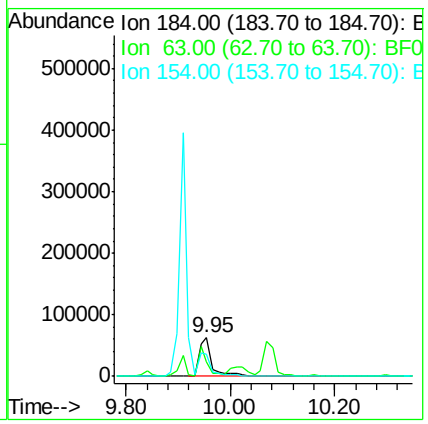




#53
2,4-Dinitrophenol
Concen: 86.25 ng
RT: 9.95 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:184 Resp: 108044

Ion	Ratio	Lower	Upper
184	100		
63	37.5	45.1	67.7#
154	57.9	51.2	76.8



Instrument :
BNA_F
ClientSampleId :
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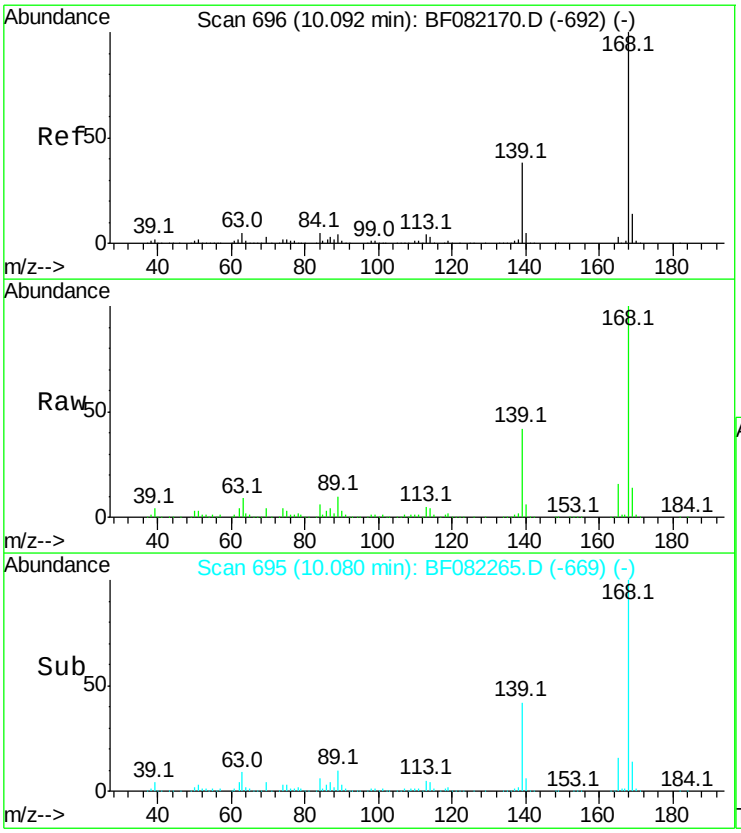
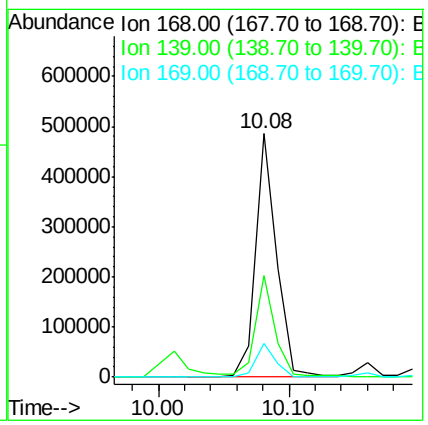
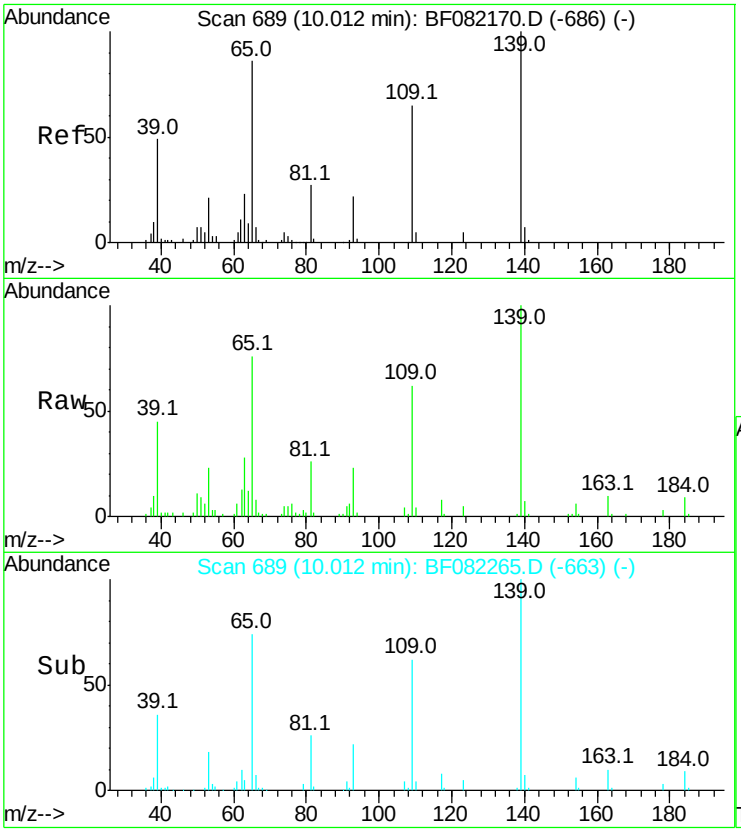


#54
Dibenzofuran
Concen: 47.23 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:168 Resp: 545762

Ion	Ratio	Lower	Upper
168	100		
139	41.7	31.0	46.6
169	13.8	10.9	16.3

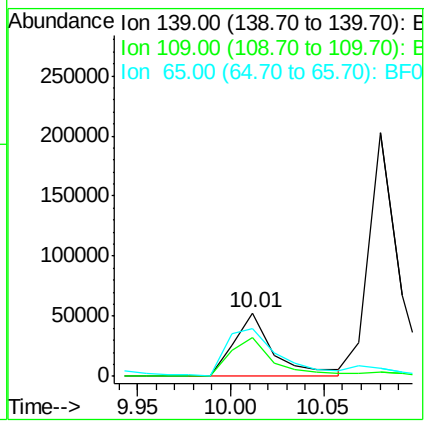




#55
4-Nitrophenol
Concen: 53.10 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:139 Resp: 79950

Ion	Ratio	Lower	Upper
139	100		
109	61.8	44.8	84.8
65	75.5	67.7	107.7



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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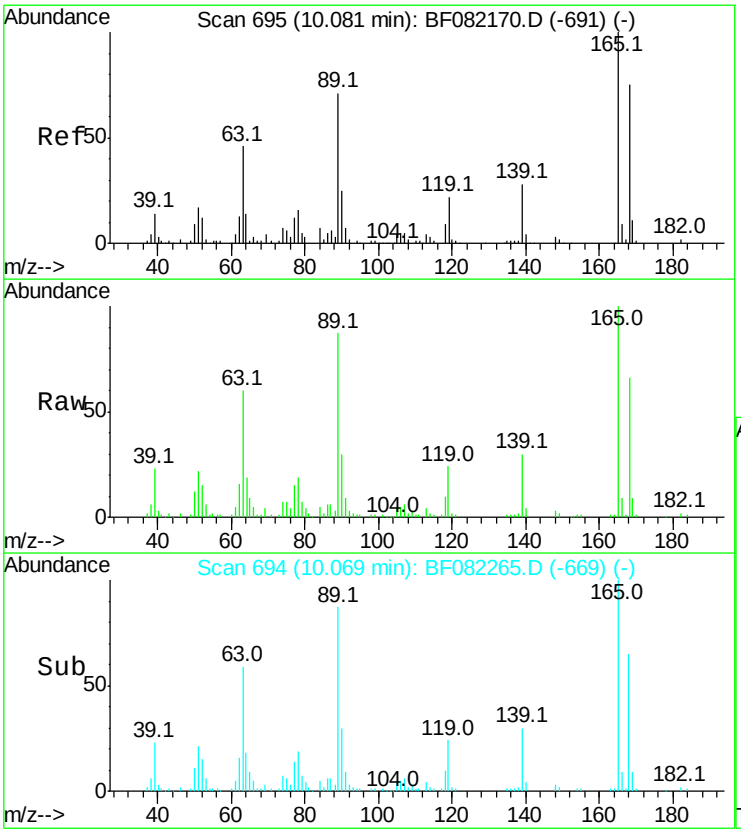
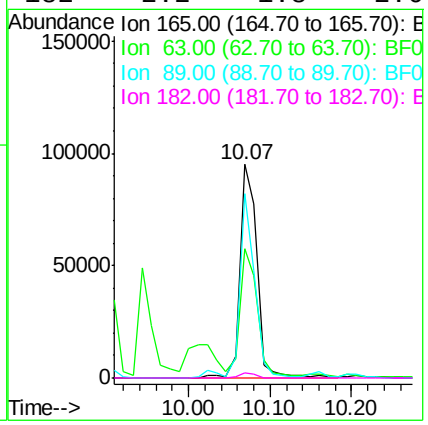
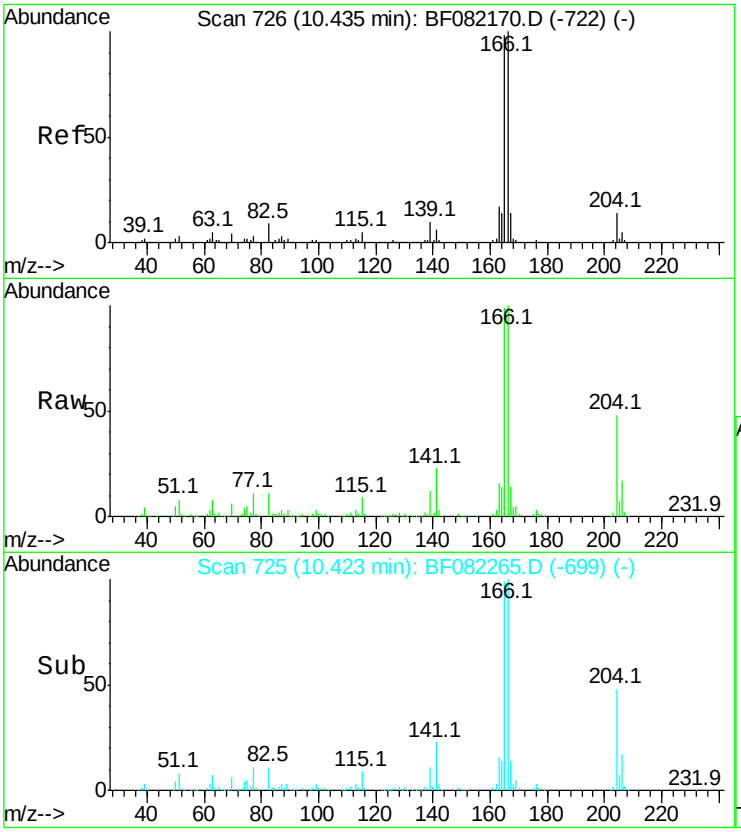


#56
2,4-Dinitrotoluene
Concen: 49.22 ng
RT: 10.07 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:165 Resp: 137044

Ion	Ratio	Lower	Upper
165	100		
63	60.4	38.6	58.0#
89	86.5	57.0	85.6#
182	2.2	1.8	2.6

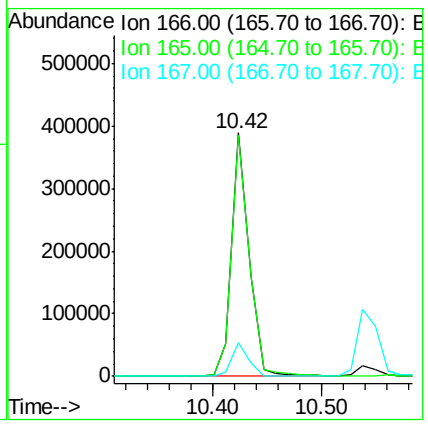




#57
Fluorene
Concen: 45.42 ng
RT: 10.42 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:166 Resp: 431095

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.3	117.5
167	13.6	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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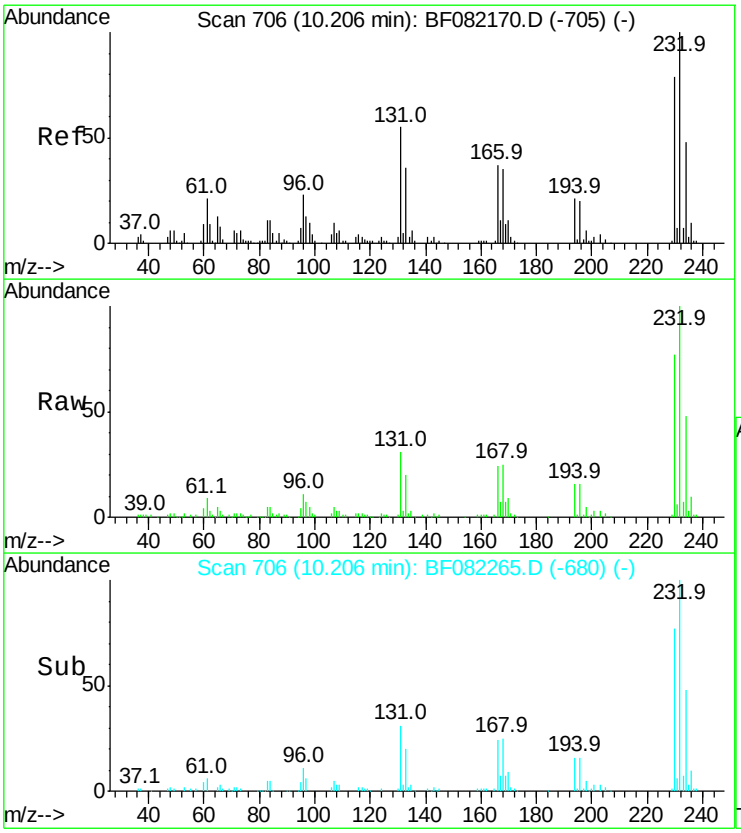
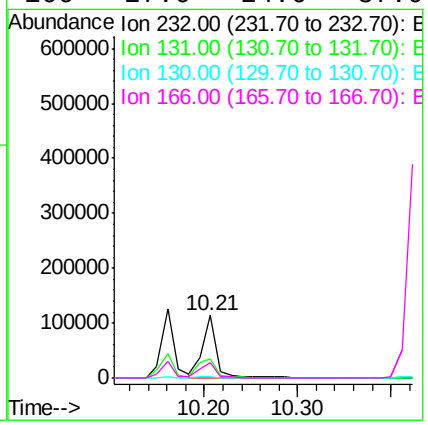
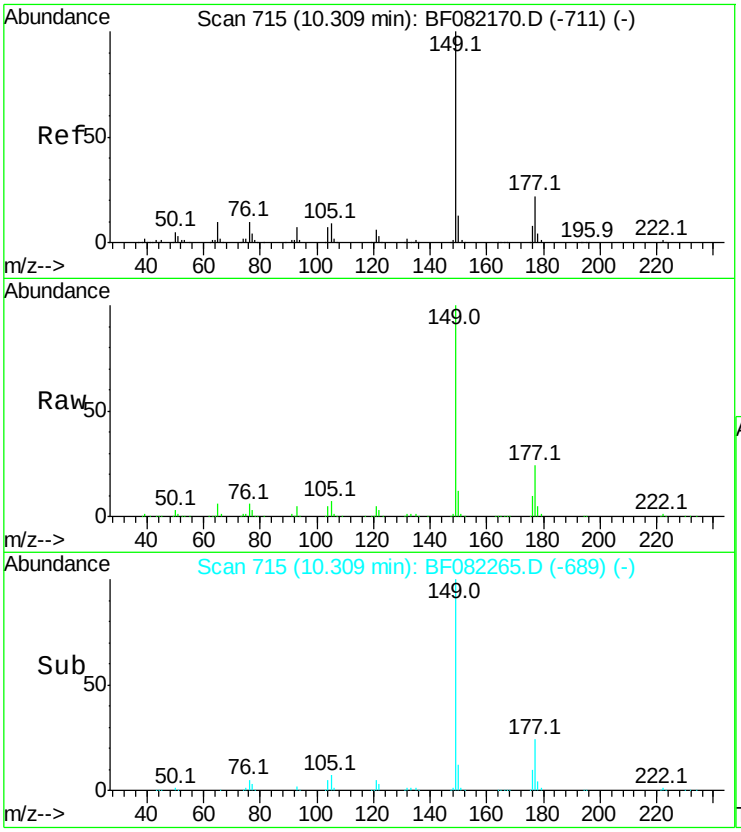


#58
2,3,4,6-Tetrachlorophenol
Concen: 46.01 ng
RT: 10.21 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:232 Resp: 120613

Ion	Ratio	Lower	Upper
232	100		
131	41.7	36.6	54.8
130	1.7	1.5	2.3
166	27.6	24.6	37.0

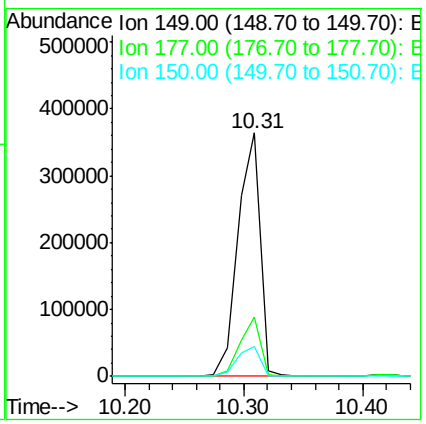




#59
Diethylphthalate
Concen: 48.16 ng
RT: 10.31 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:149 Resp: 473990

Ion	Ratio	Lower	Upper
149	100		
177	24.2	17.6	26.4
150	12.3	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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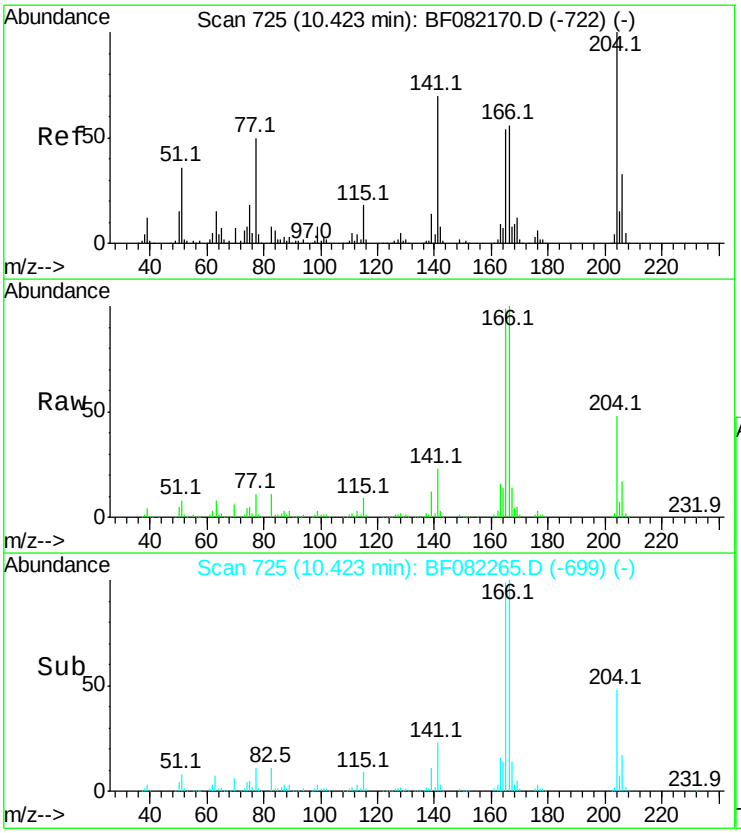
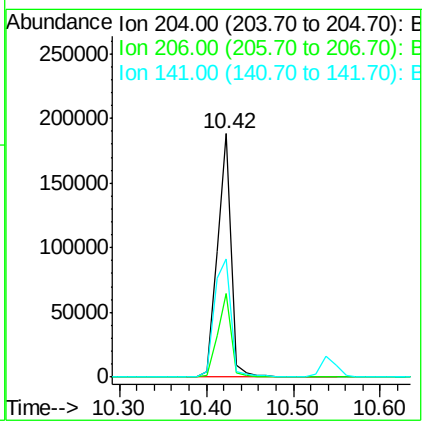
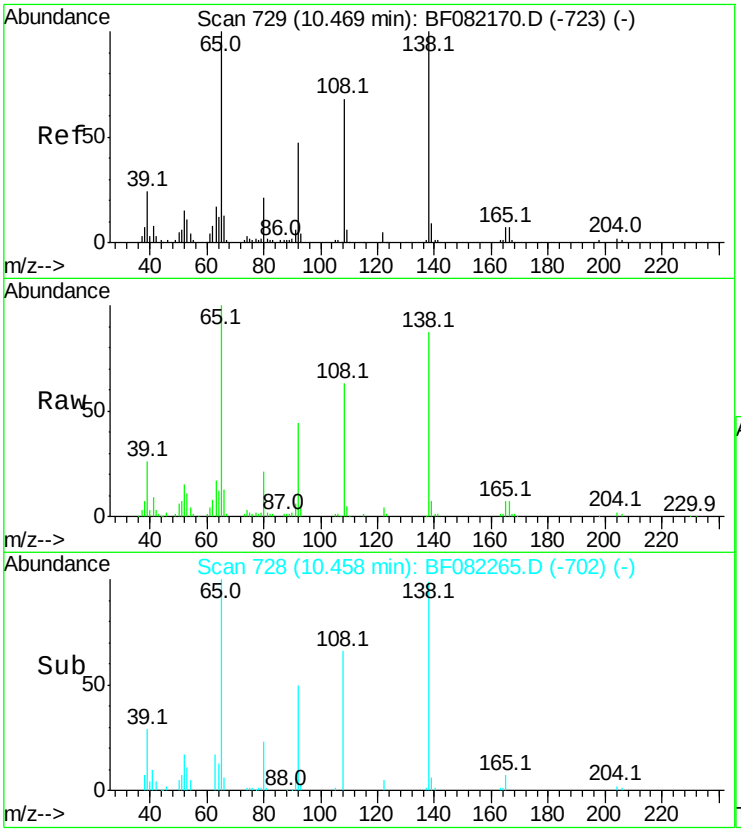


#60
4-Chlorophenyl-phenylether
Concen: 48.49 ng
RT: 10.42 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:204 Resp: 210809

Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.8	40.2
141	48.4	56.1	84.1#

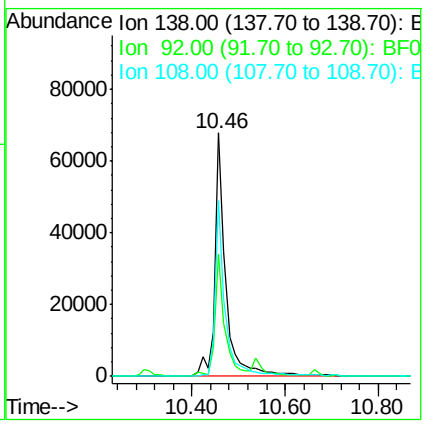




#61
4-Nitroaniline
Concen: 45.55 ng
RT: 10.46 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:138 Resp: 111184

Ion	Ratio	Lower	Upper
138	100		
92	50.3	26.8	66.8
108	72.3	48.4	88.4



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

Manual Integrations APPROVED
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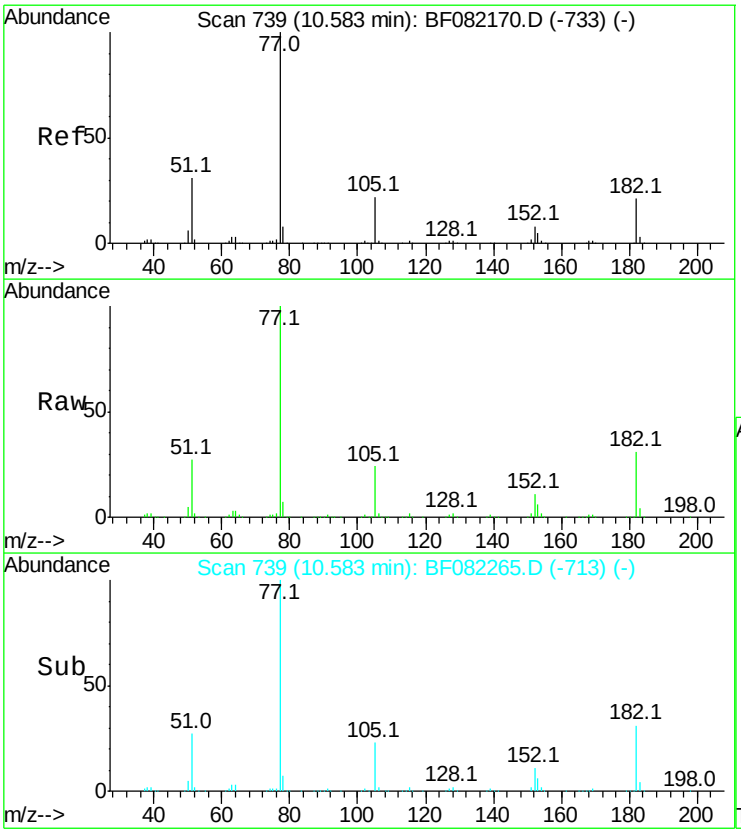
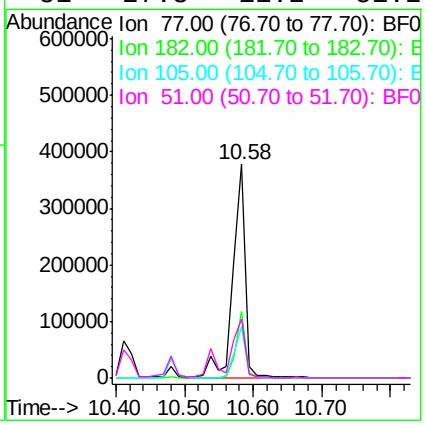
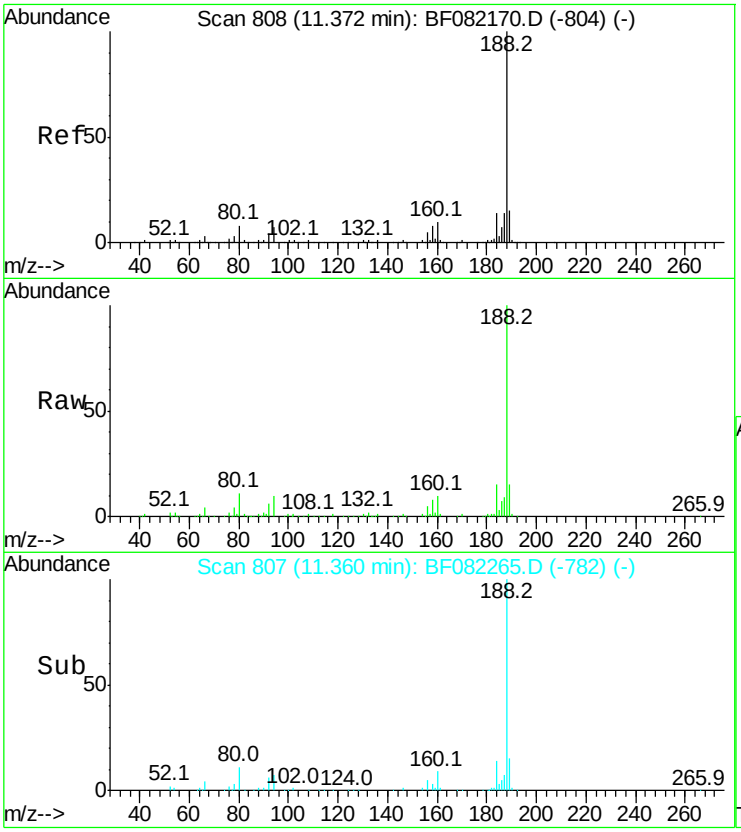


#62
Azobenzene
Concen: 49.72 ng
RT: 10.58 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion: 77 Resp: 478930

Ion	Ratio	Lower	Upper
77	100		
182	31.1	0.5	40.5
105	23.7	1.8	41.8
51	27.3	11.2	51.2





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:188 Resp: 299702

Ion	Ratio	Lower	Upper
188	100		
94	10.2	5.8	8.6#
80	11.0	6.4	9.6#

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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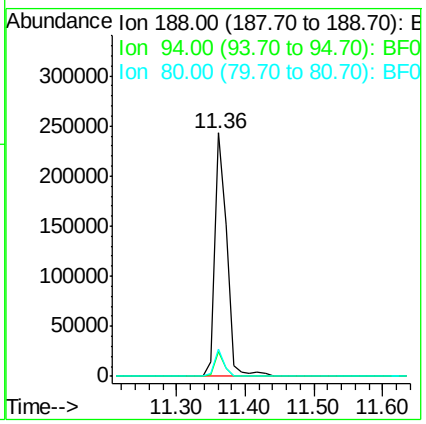
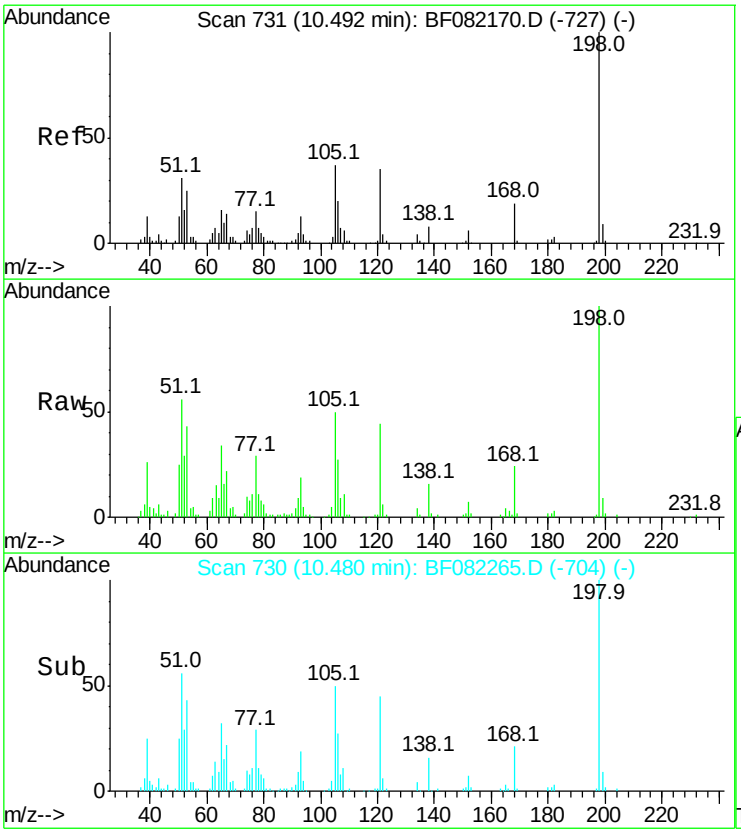
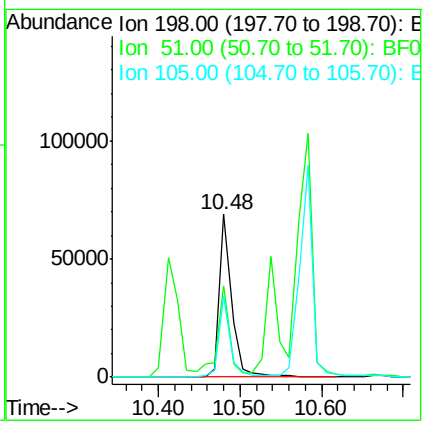


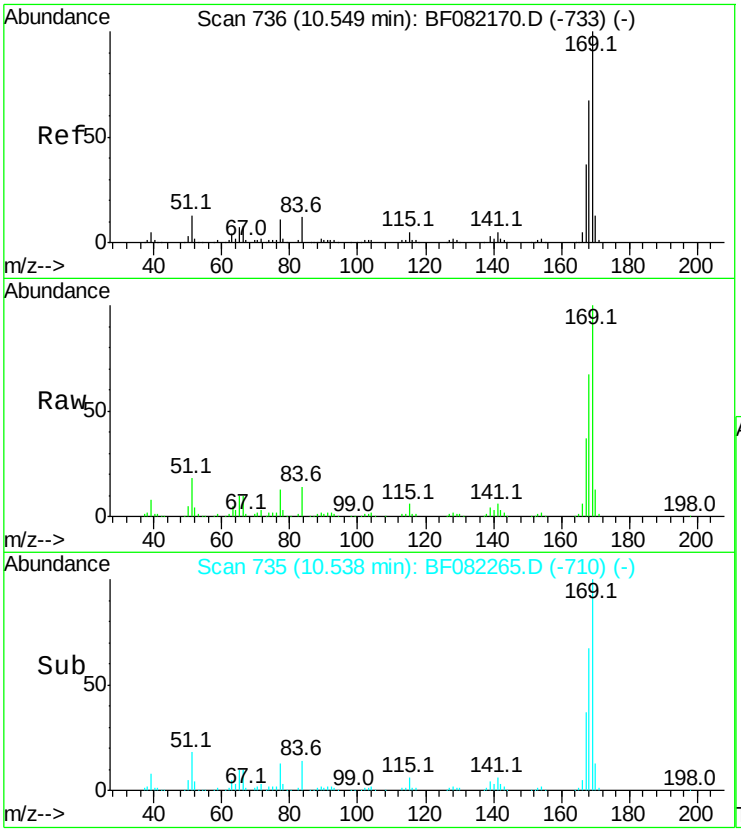


#64
4,6-Dinitro-2-methylphenol
Concen: 42.79 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:198 Resp: 71961

Ion	Ratio	Lower	Upper
198	100		
51	55.9	13.6	53.6#
105	49.8	17.1	57.1

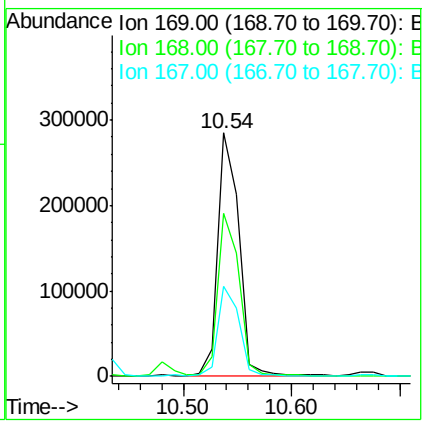




#65
n-Nitrosodiphenylamine
Concen: 43.19 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:169 Resp: 387552

Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.0	81.0
167	37.2	29.6	44.4



Instrument :
BNA_F
ClientSampleId :
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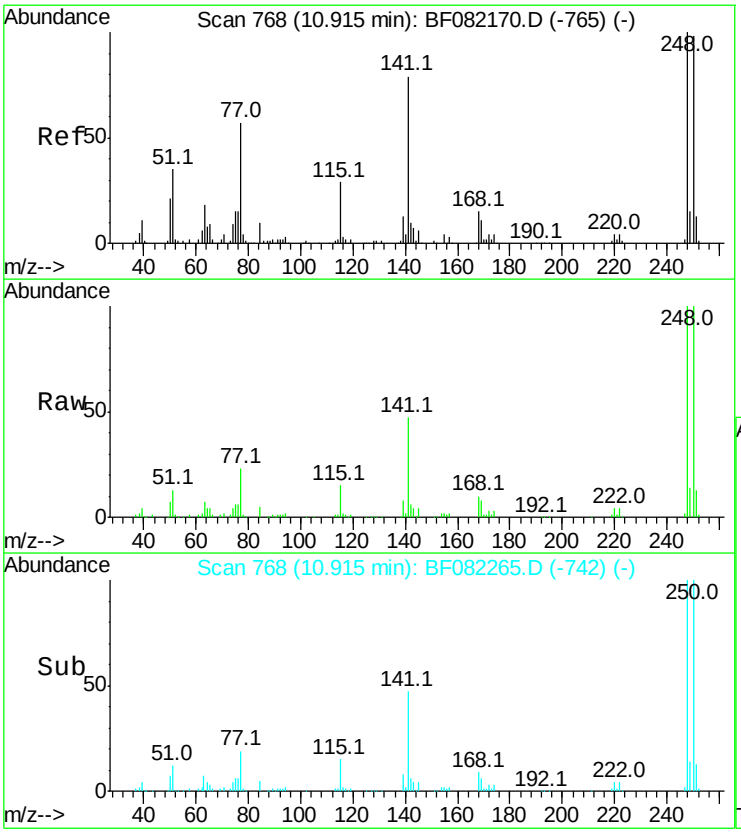
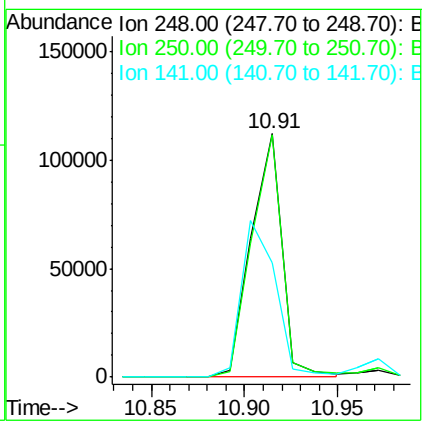
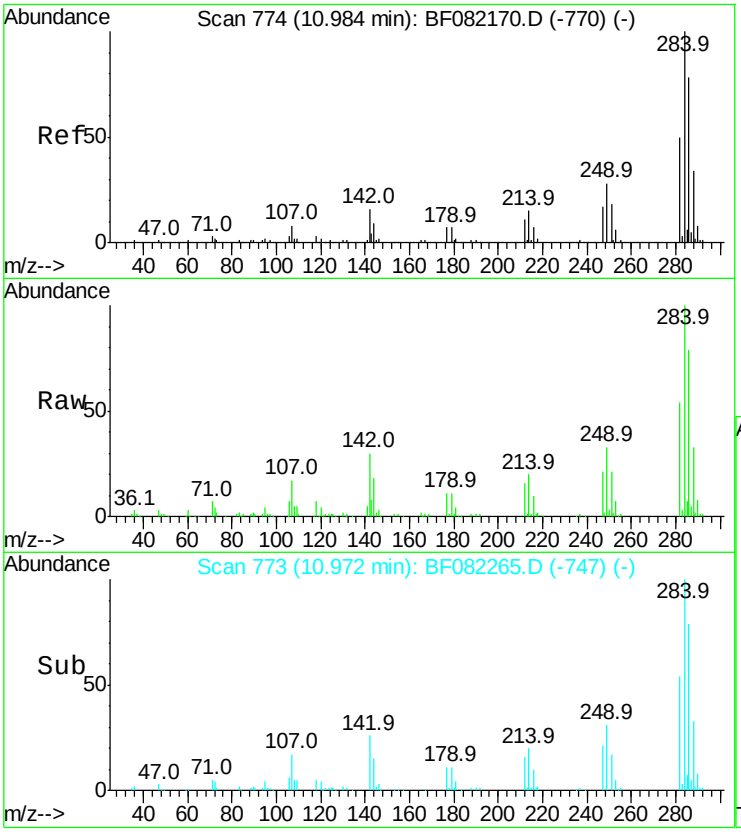


#66
4-Bromophenyl-phenylether
Concen: 43.57 ng
RT: 10.91 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:248 Resp: 130694

Ion	Ratio	Lower	Upper
248	100		
250	99.6	78.6	117.8
141	46.9	63.3	94.9#

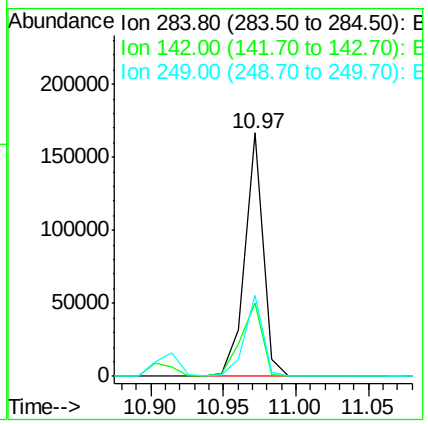




#67
Hexachlorobenzene
Concen: 45.10 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:284 Resp: 146283

Ion	Ratio	Lower	Upper
284	100		
142	30.0	13.0	19.6#
249	33.4	22.5	33.7



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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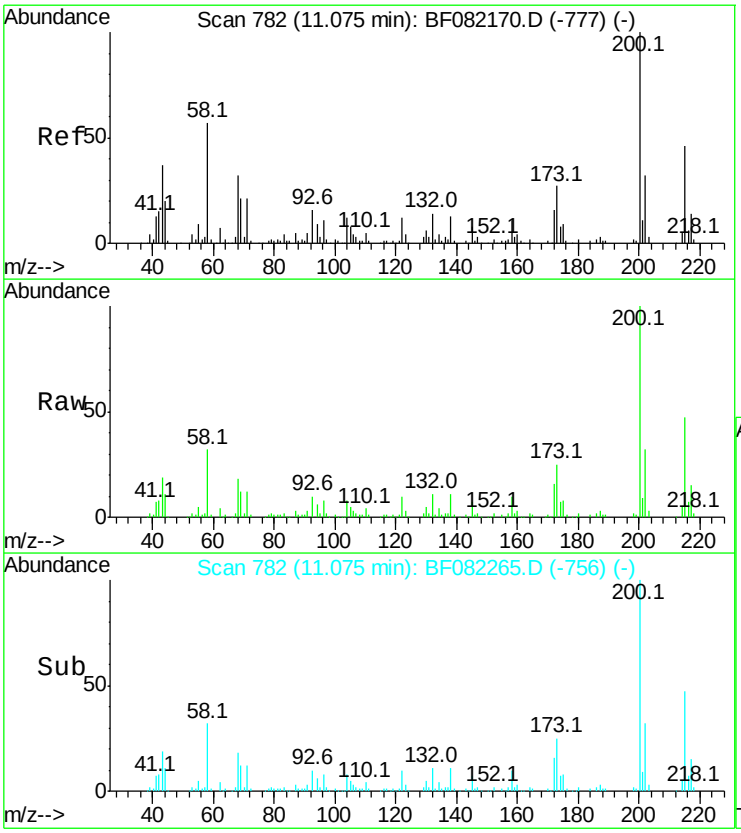
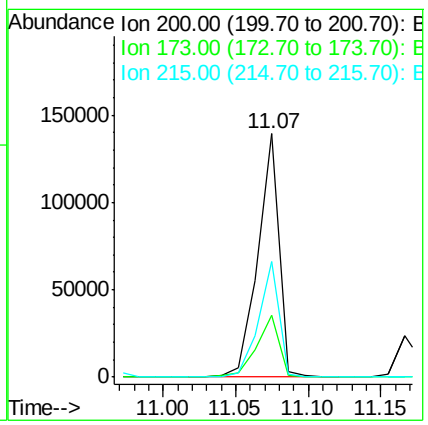
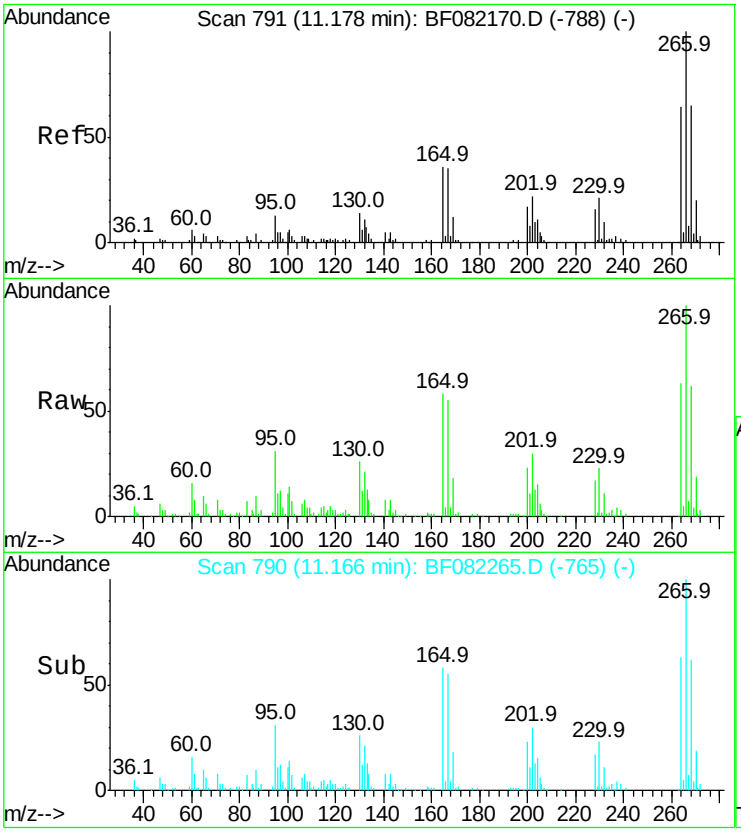


#68
Atrazine
Concen: 49.56 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:200 Resp: 140895

Ion	Ratio	Lower	Upper
200	100		
173	25.2	7.3	47.3
215	47.5	26.2	66.2

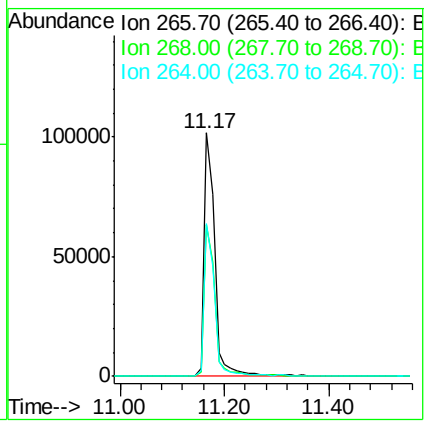




#69
Pentachlorophenol
Concen: 87.19 ng
RT: 11.17 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:266 Resp: 145537

Ion	Ratio	Lower	Upper
266	100		
268	62.4	52.0	78.0
264	62.8	51.4	77.0



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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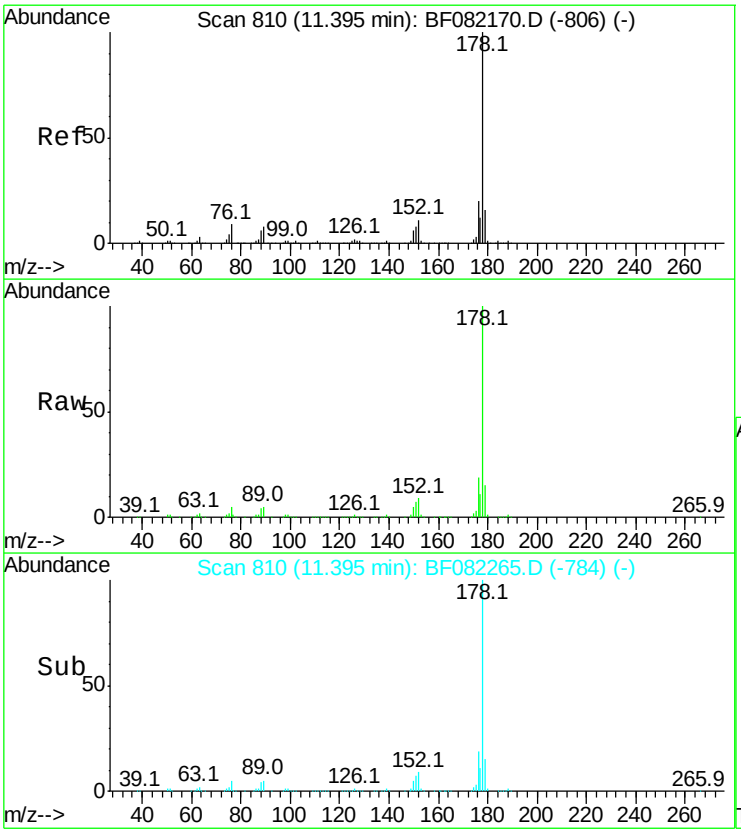
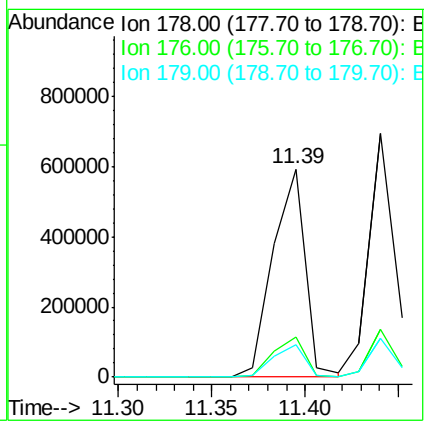
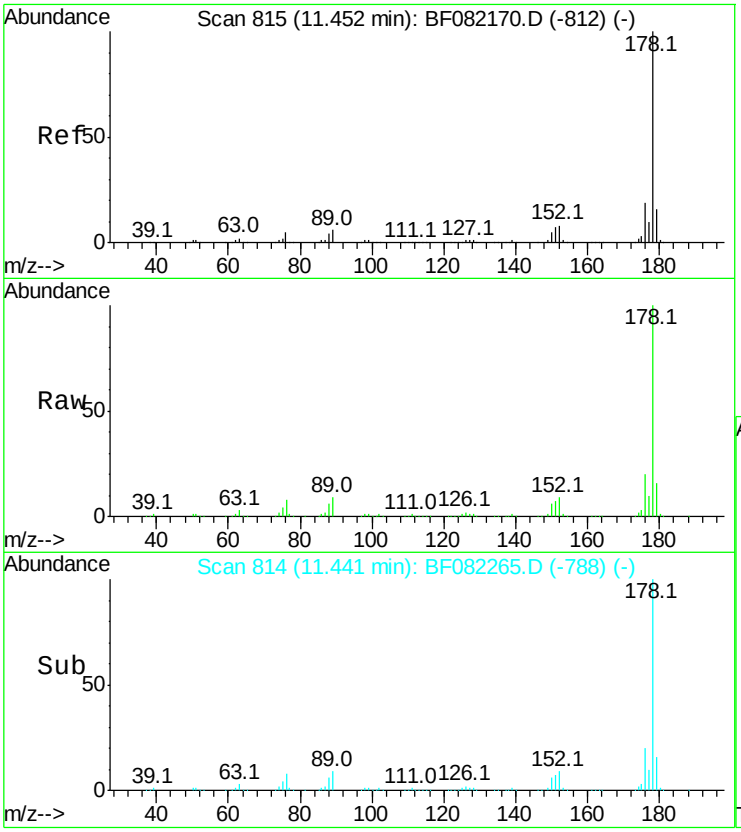


#70
Phenanthrene
Concen: 48.51 ng
RT: 11.39 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:178 Resp: 712681

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	15.4	12.6	19.0

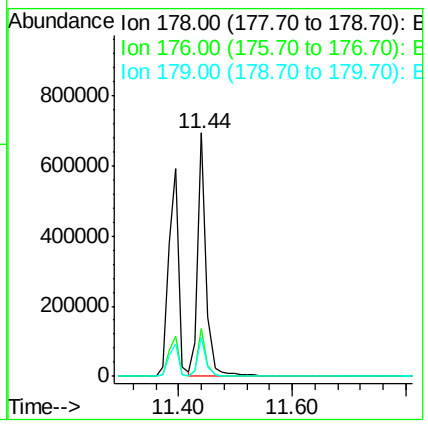




#71
Anthracene
Concen: 46.64 ng
RT: 11.44 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:178 Resp: 706018

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	16.1	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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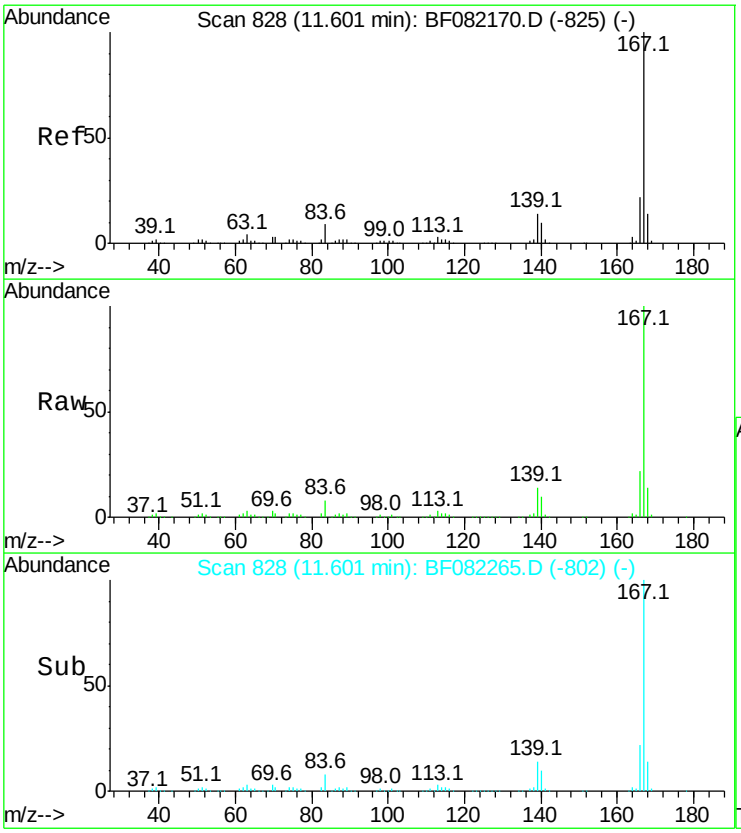
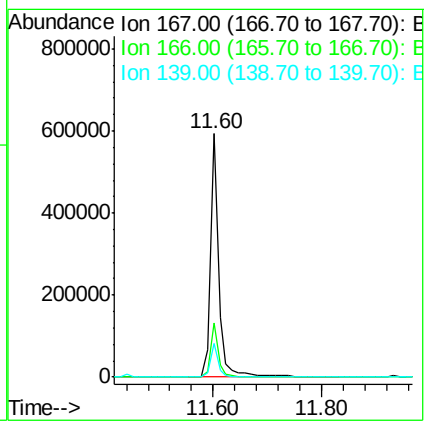
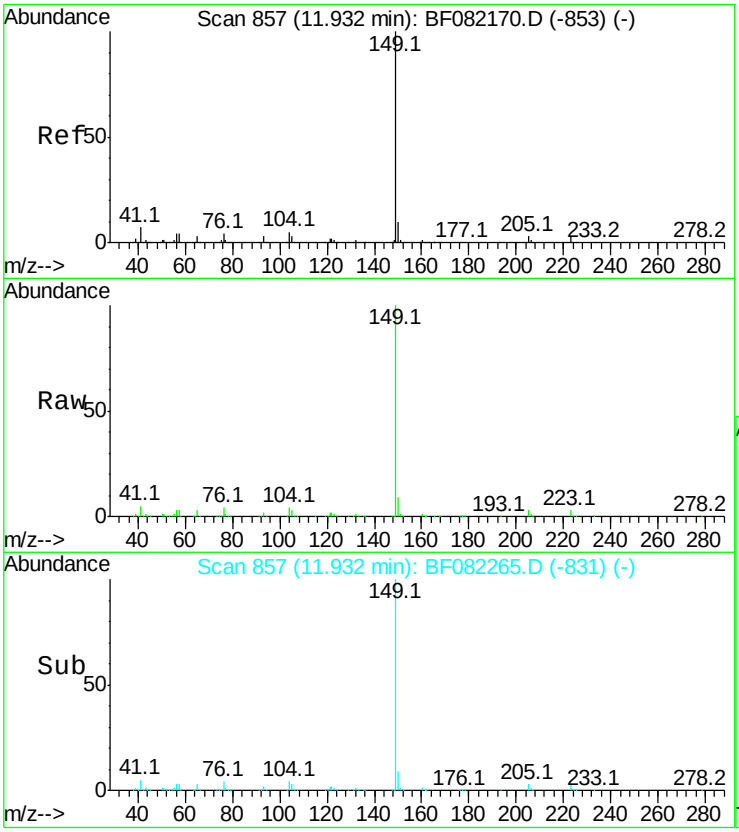


#72
Carbazole
Concen: 45.63 ng
RT: 11.60 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:167 Resp: 630065

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.3	25.9
139	13.7	11.2	16.8

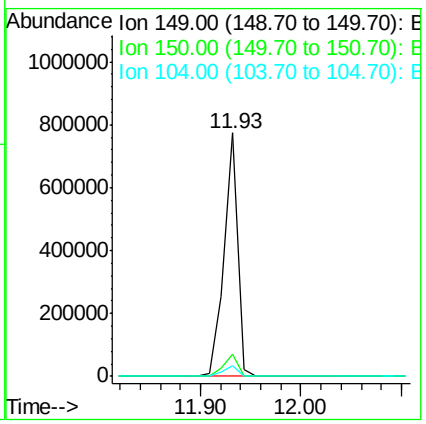




#73
Di-n-butylphthalate
Concen: 43.05 ng
RT: 11.93 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:149 Resp: 733329

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.3	3.8	5.8



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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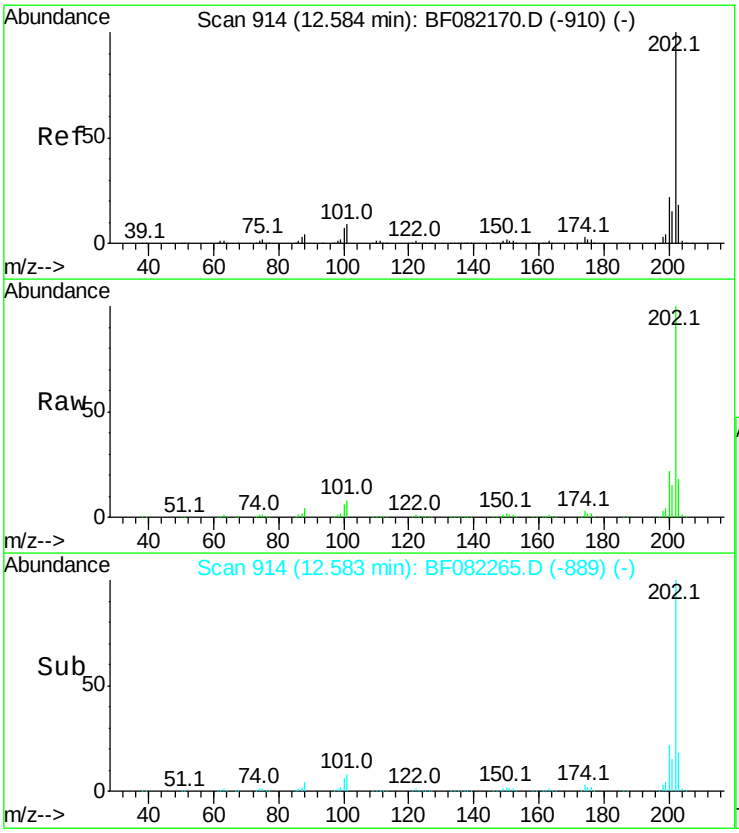
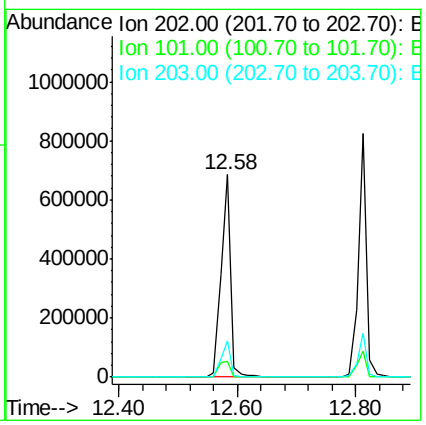
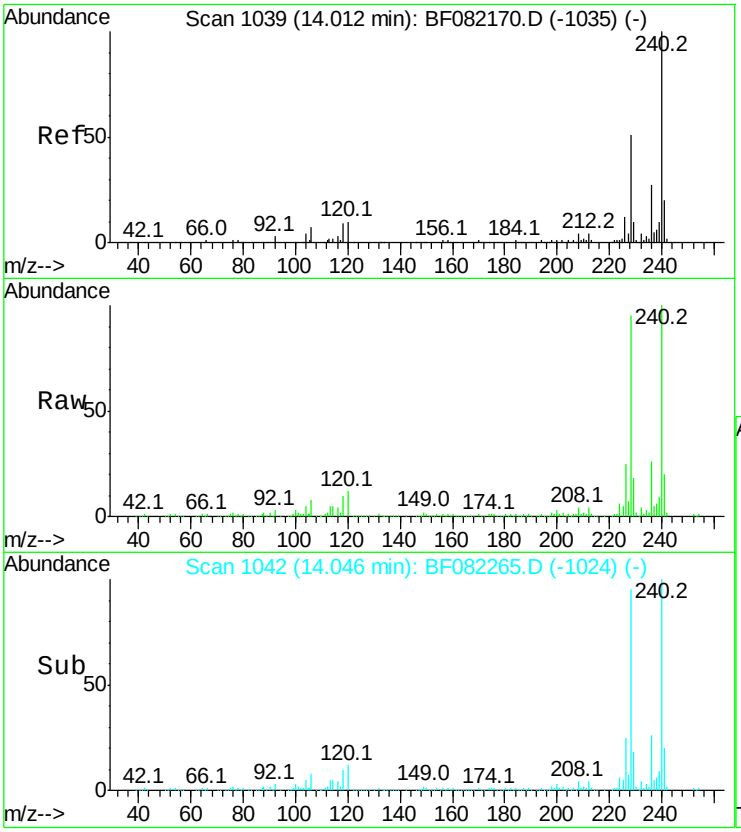


#74
Fluoranthene
Concen: 49.03 ng
RT: 12.58 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:202 Resp: 773606

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	29.3
203	18.0	0.0	37.8

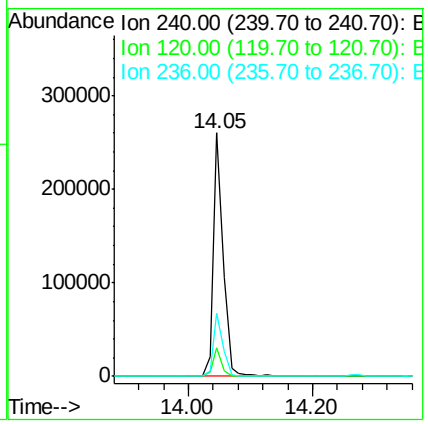




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.09 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:240 Resp: 282013

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.1	12.1
236	25.9	21.3	31.9



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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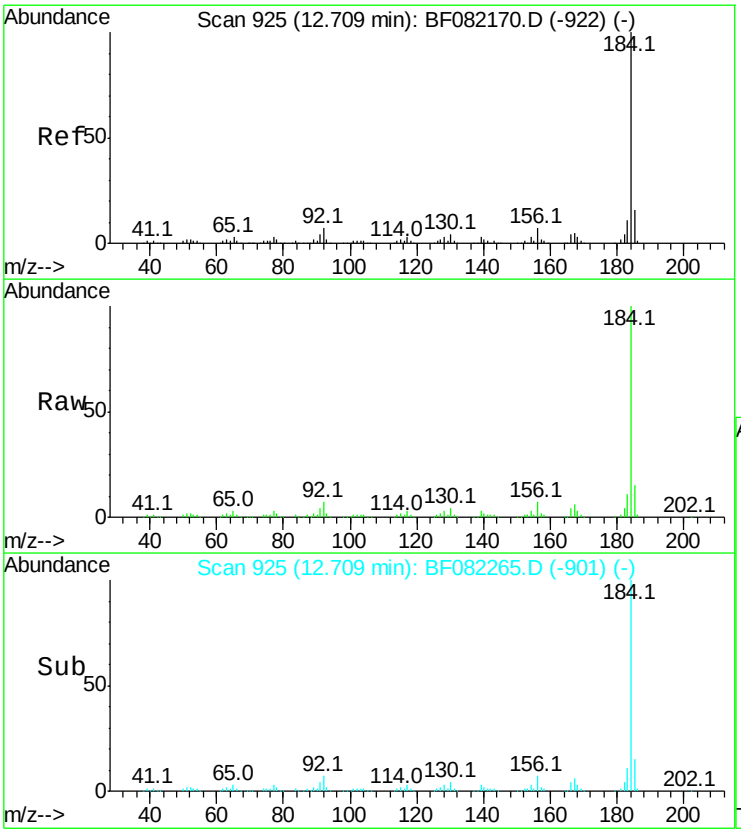
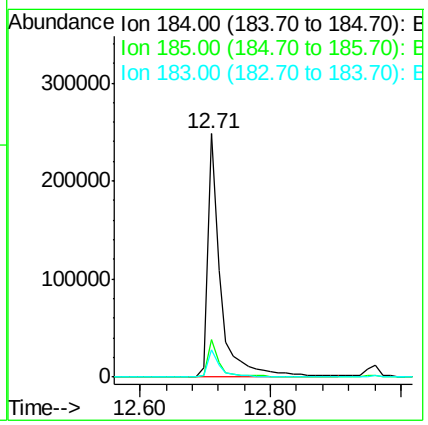
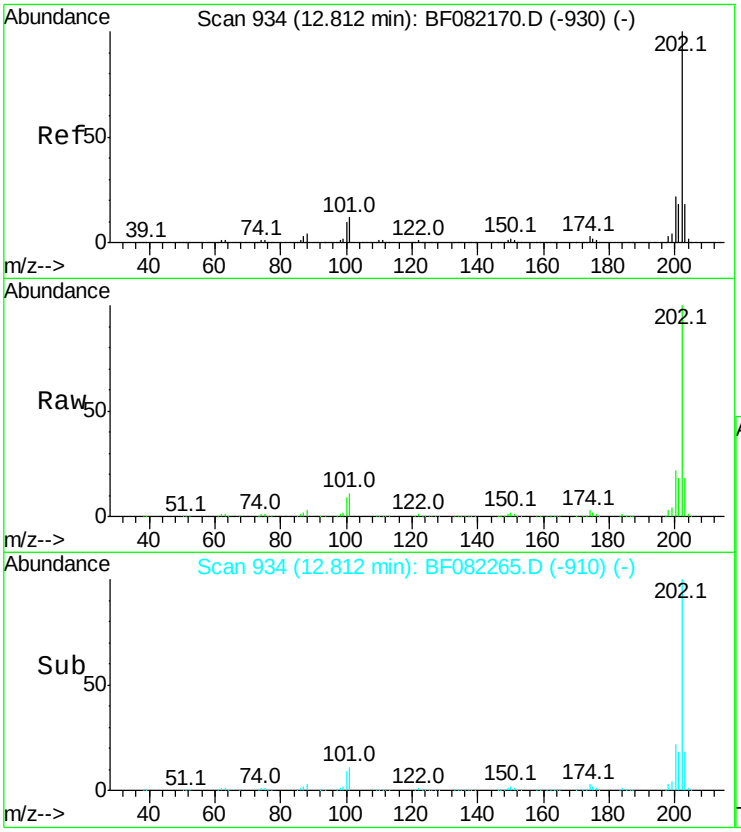


#76
Benzidine
Concen: 41.57 ng
RT: 12.71 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:184 Resp: 339746

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.5	18.7
183	11.4	9.1	13.7

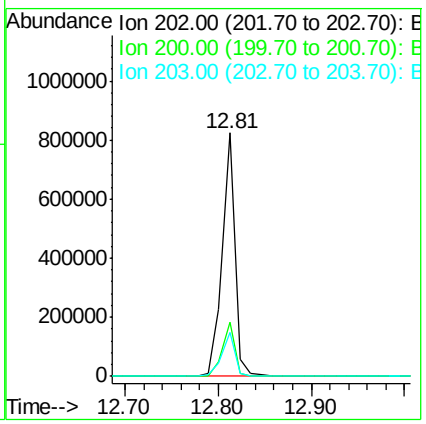




#77
Pyrene
Concen: 46.70 ng
RT: 12.81 min Scan# 934
Delta R.T. -0.02 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:202 Resp: 781569

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.9	26.9
203	17.9	14.5	21.7



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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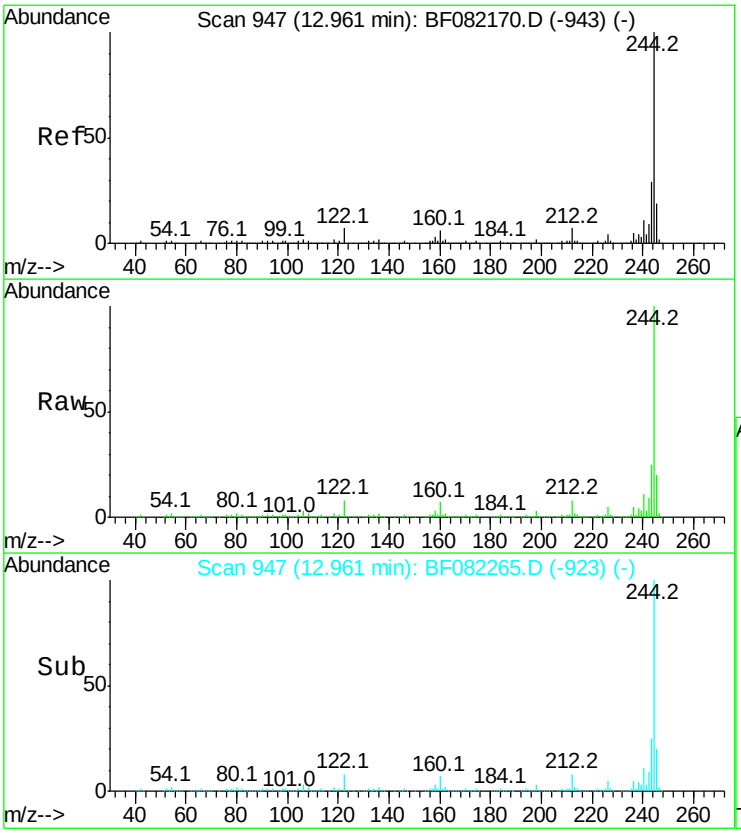
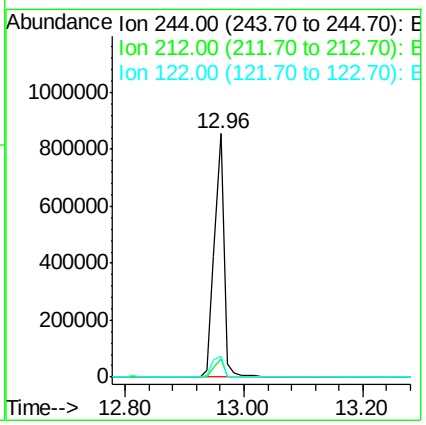
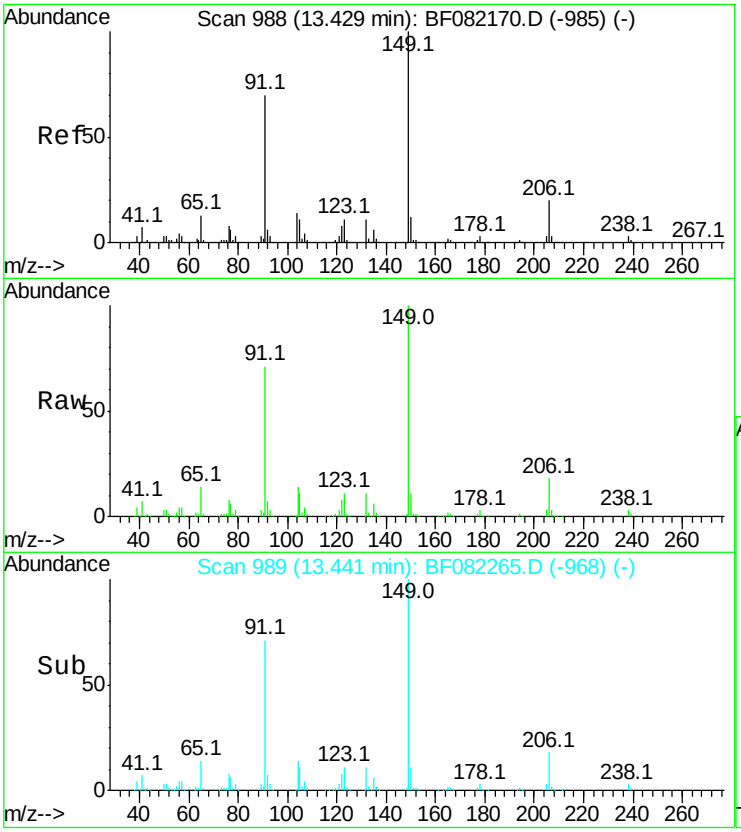


#78
Terphenyl-d14
Concen: 90.72 ng
RT: 12.96 min Scan# 947
Delta R.T. -0.02 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:244 Resp: 965519

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	8.4	5.9	8.9

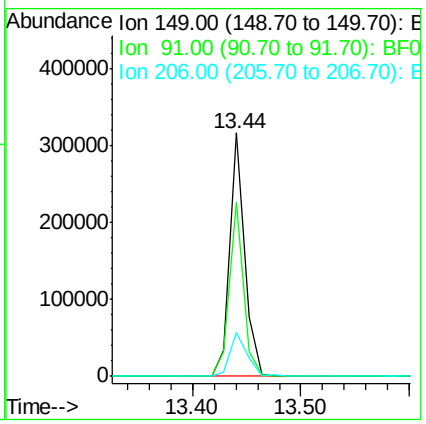




#79
Butylbenzylphthalate
Concen: 38.92 ng
RT: 13.44 min Scan# 989
Delta R.T. -0.06 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:149 Resp: 297223

Ion	Ratio	Lower	Upper
149	100		
91	71.5	55.7	83.5
206	18.3	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

Manual Integrations APPROVED
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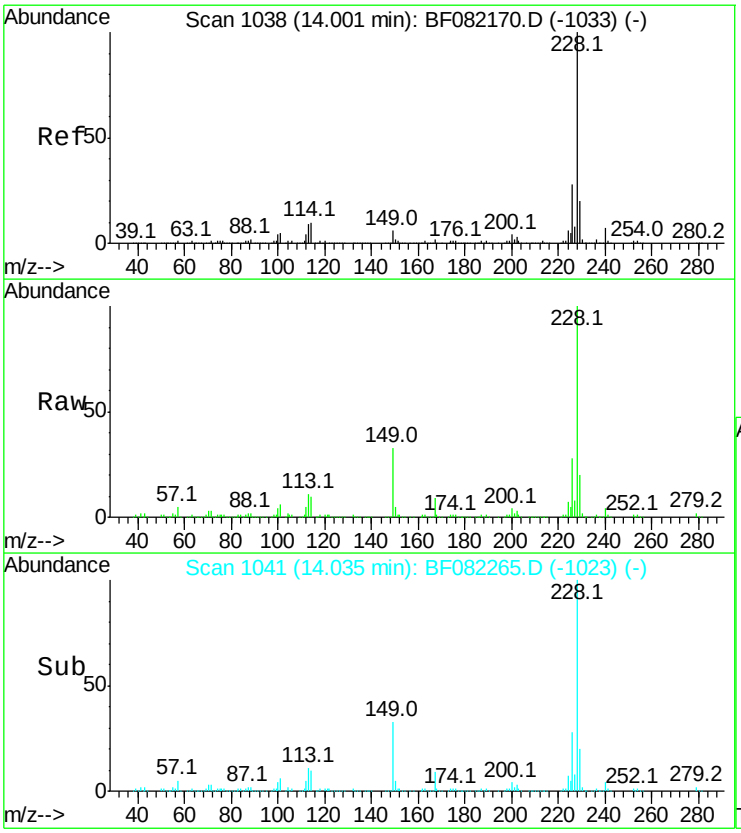
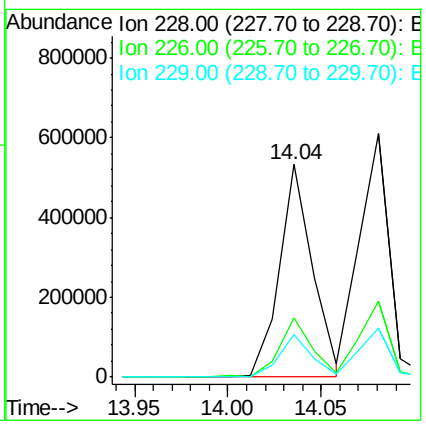
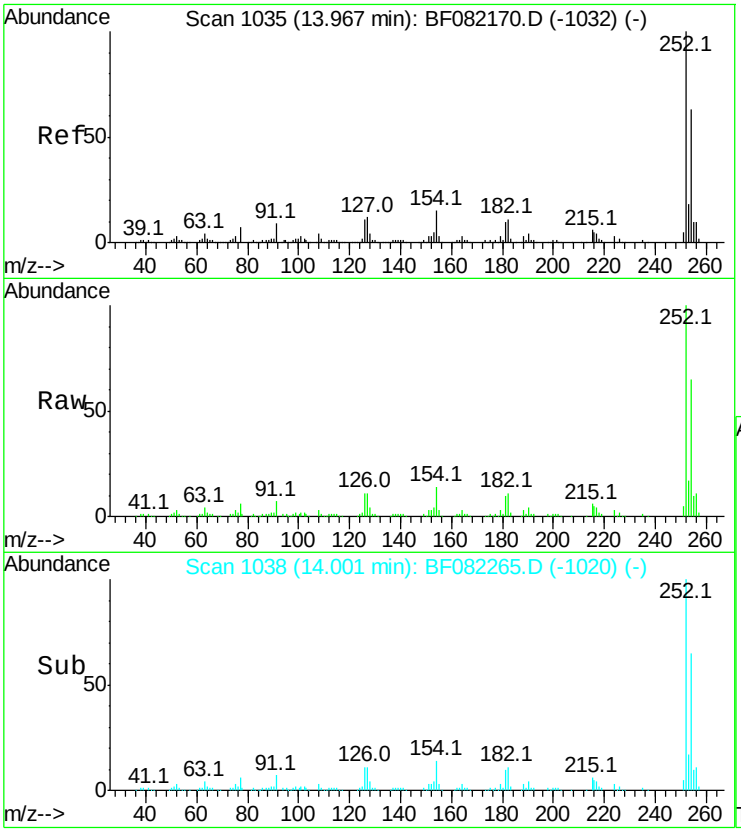


#80
Benzo(a)anthracene
Concen: 45.08 ng
RT: 14.04 min Scan# 1041
Delta R.T. -0.09 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:228 Resp: 661526

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.3	33.5
229	20.1	16.2	24.2

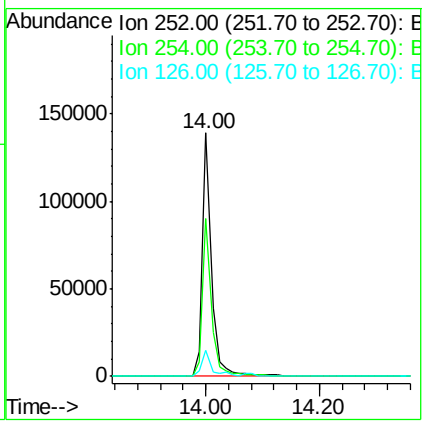




#81
3,3'-Dichlorobenzidine
Concen: 26.96 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.09 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:252 Resp: 150180

Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.7	76.1
126	10.7	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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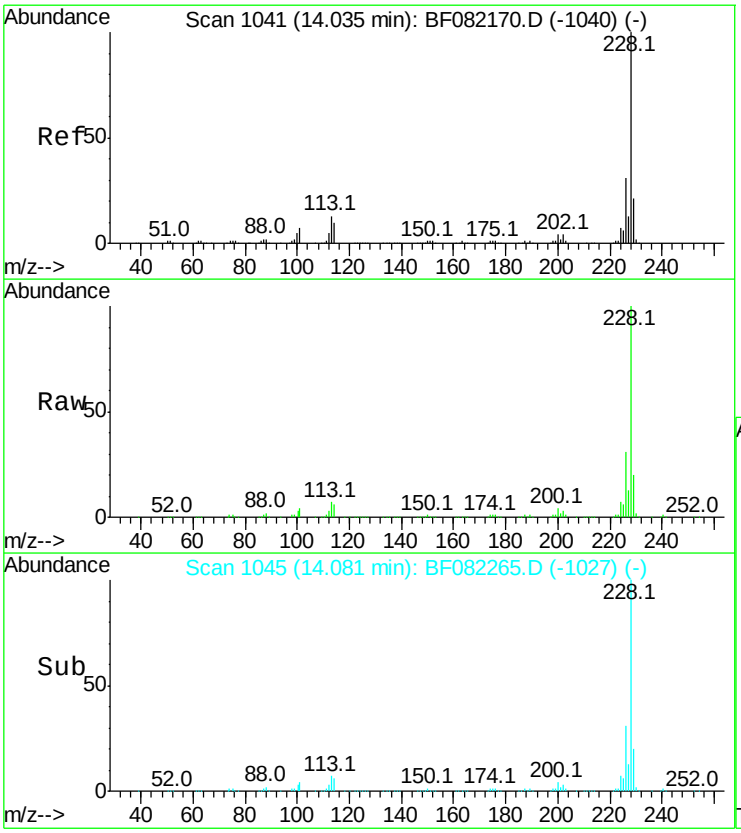
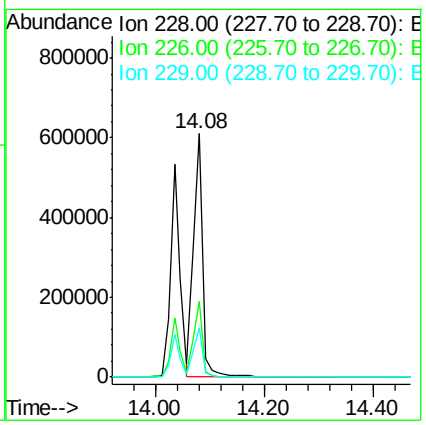
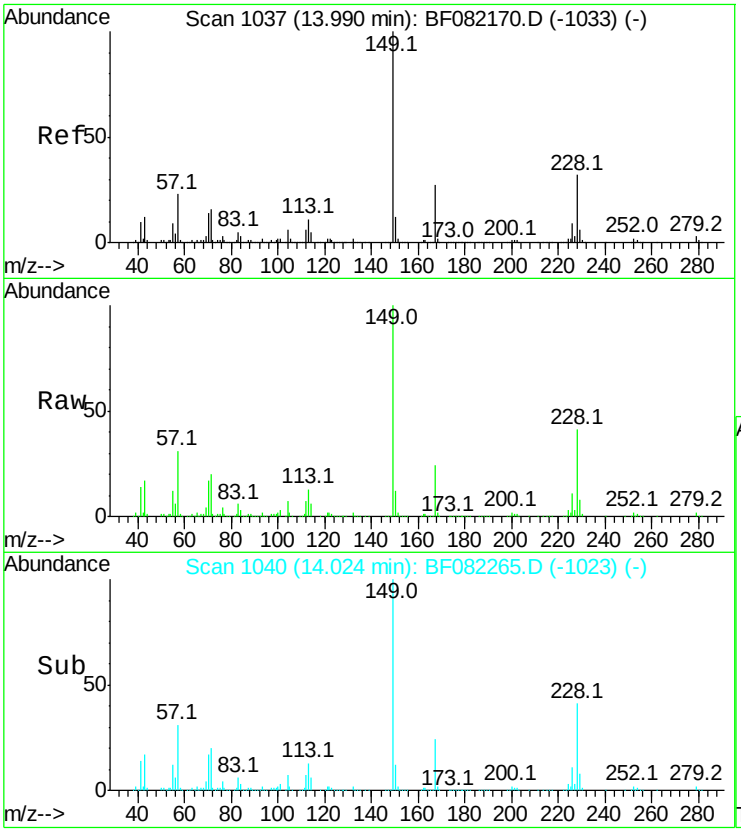


#82
Chrysene
Concen: 45.36 ng
RT: 14.08 min Scan# 1045
Delta R.T. -0.09 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:228 Resp: 701326

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	20.1	16.3	24.5





#83
Bis(2-ethylhexyl)phthalate
Concen: 35.88 ng
RT: 14.02 min Scan# 1040
Delta R.T. -0.10 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:149 Resp: 391009

Ion	Ratio	Lower	Upper
149	100		
167	24.4	21.3	31.9
279	2.3	2.6	4.0#

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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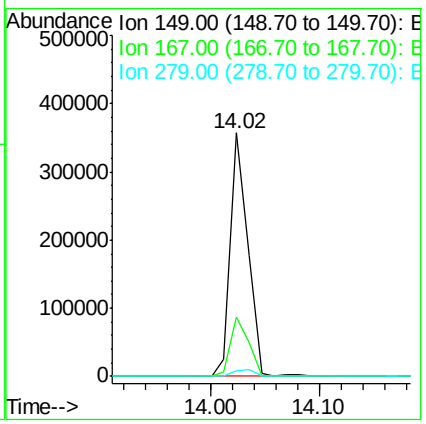
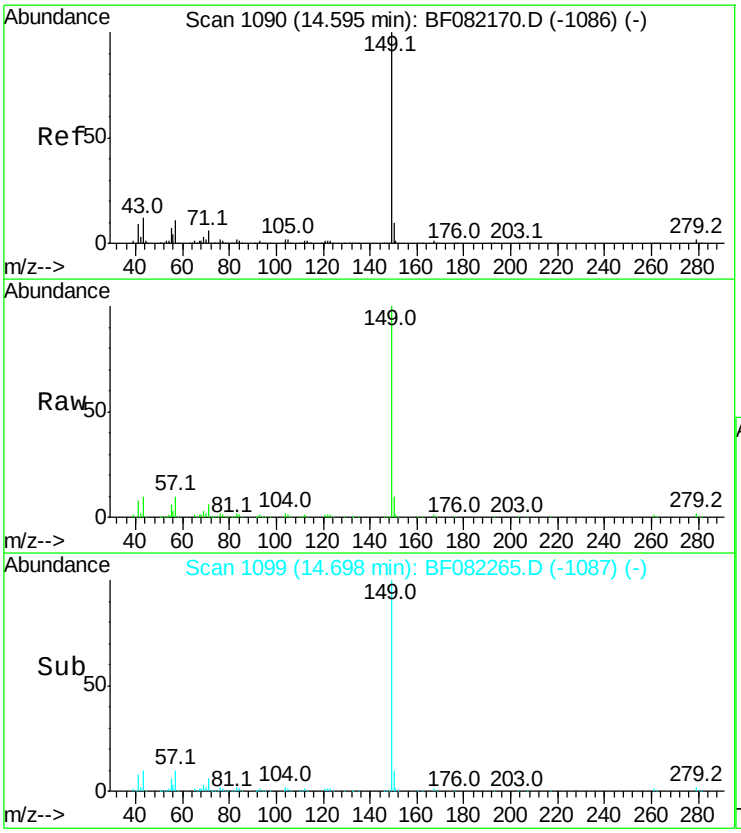
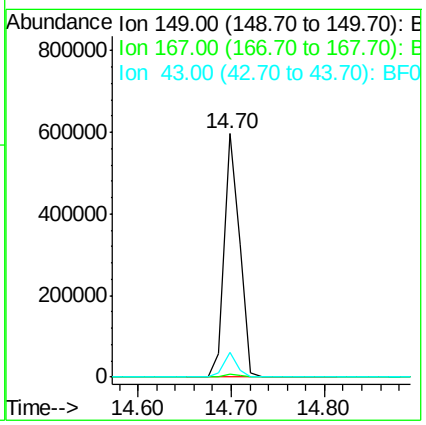


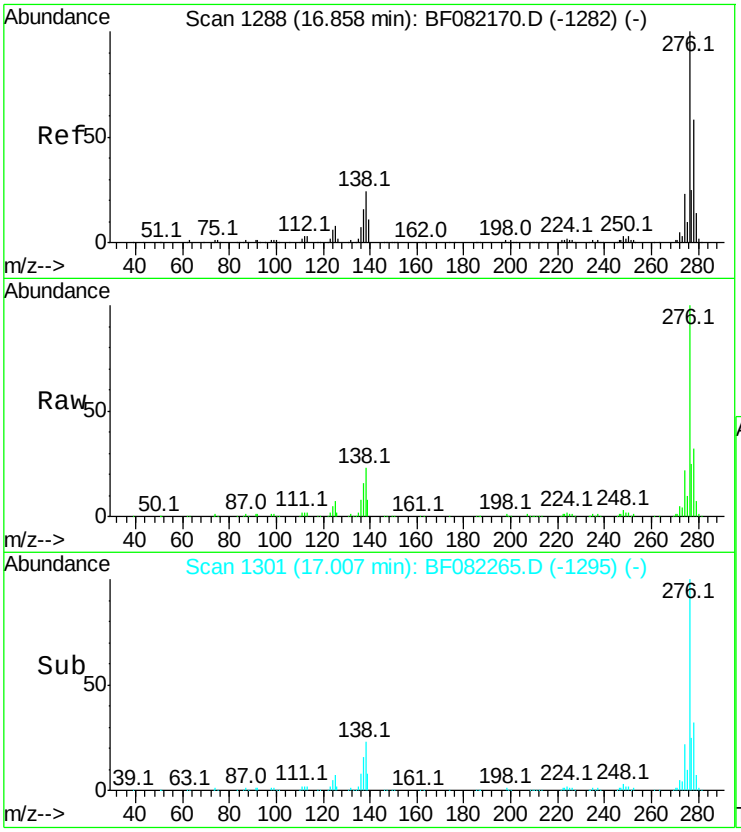


#84
Di-n-octyl phthalate
Concen: 36.42 ng
RT: 14.70 min Scan# 1099
Delta R.T. -0.16 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:149 Resp: 681584

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.1	7.4	11.2

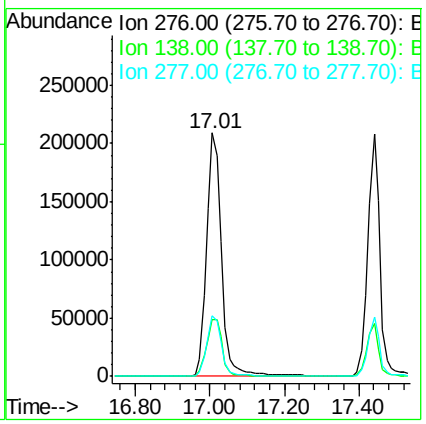




#85
Indeno(1,2,3-cd)pyrene
Concen: 47.61 ng
RT: 17.01 min Scan# 1301
Delta R.T. -0.23 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:276 Resp: 585032

Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.7	29.5
277	24.9	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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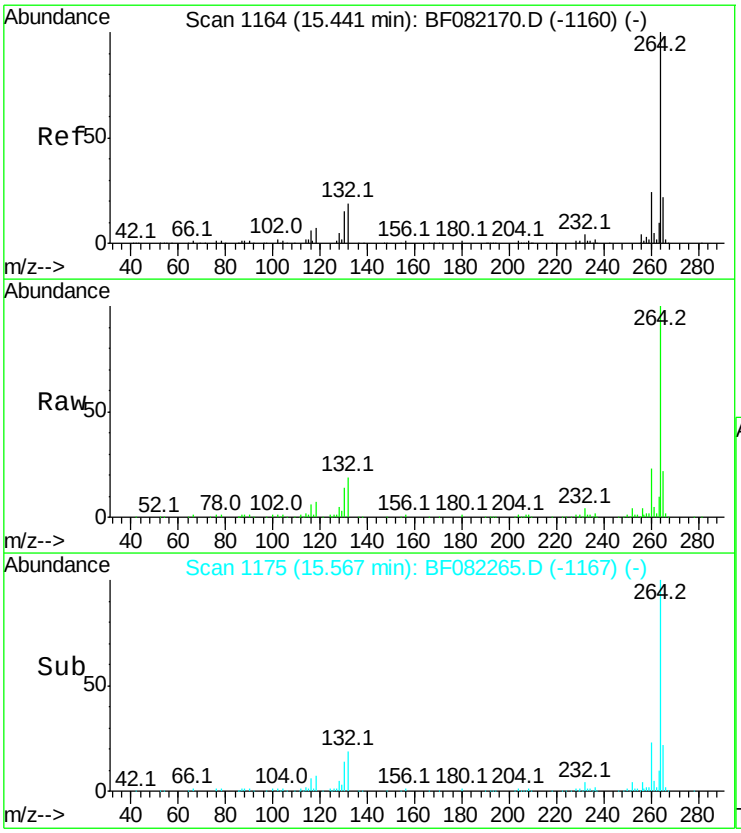
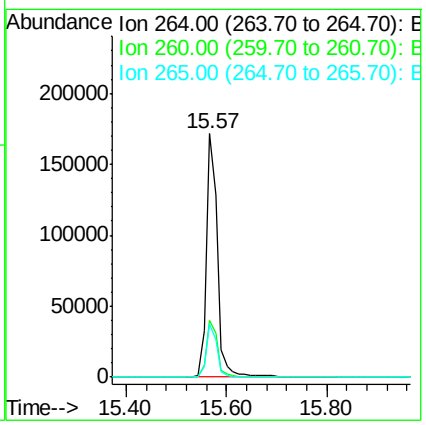
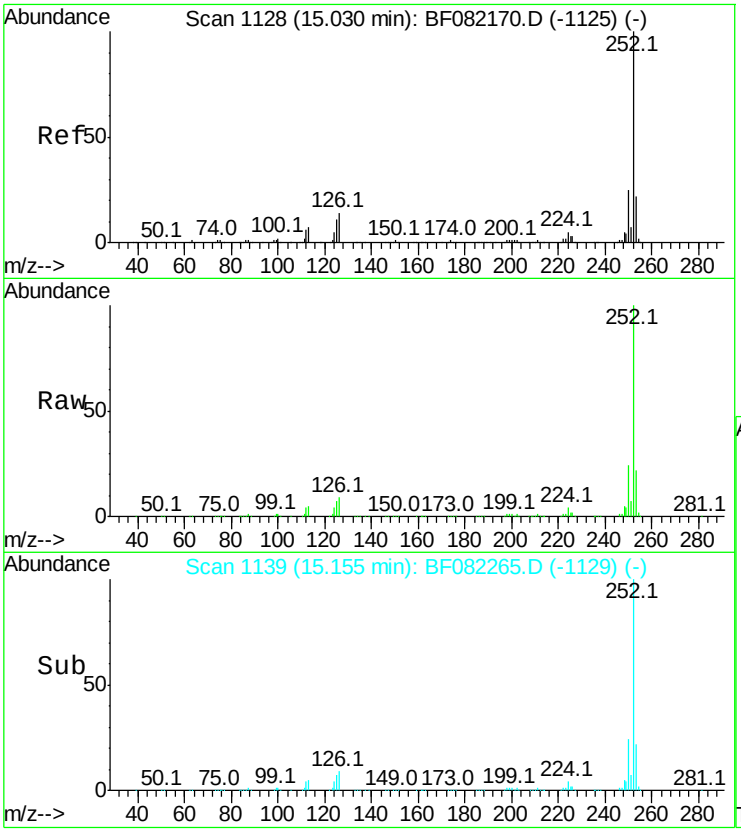


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1175
Delta R.T. -0.21 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:264 Resp: 258915

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.7	17.3	25.9





#87
Benzo(b)fluoranthene
Concen: 44.74 ng
RT: 15.16 min Scan# 1139
Delta R.T. -0.18 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:252 Resp: 704773

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	6.9	8.6	12.8#

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

Manual Integrations APPROVED
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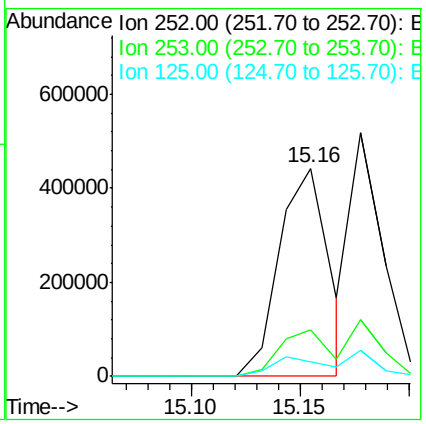
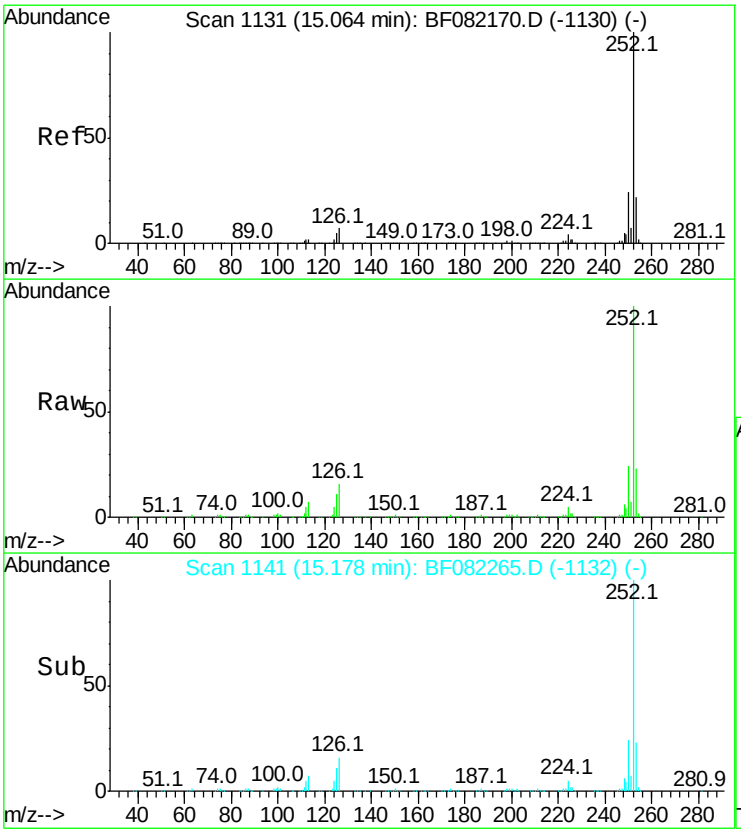
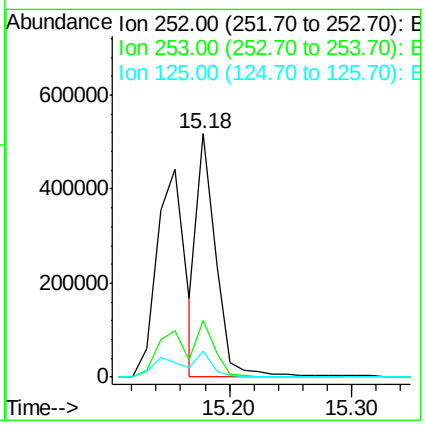


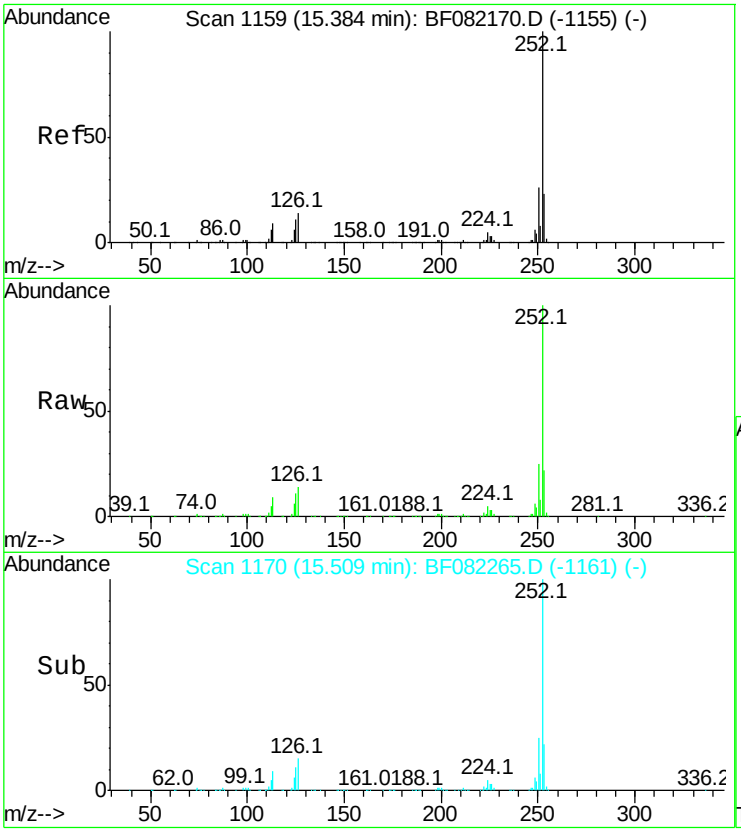


#88
Benzo(k)fluoranthene
Concen: 43.38 ng m
RT: 15.18 min Scan# 1141
Delta R.T. -0.19 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:252 Resp: 574319

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	10.5	6.7	10.1#

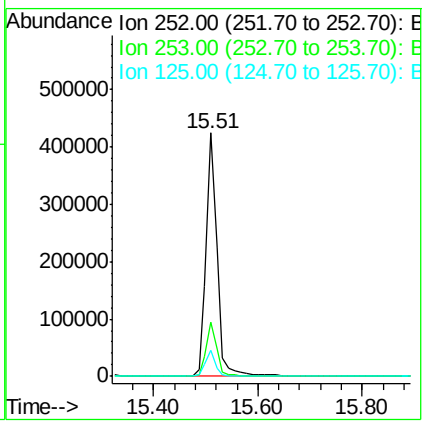




#89
Benzo(a)pyrene
Concen: 45.47 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.19 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:252 Resp: 615602

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	10.8	8.9	13.3



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

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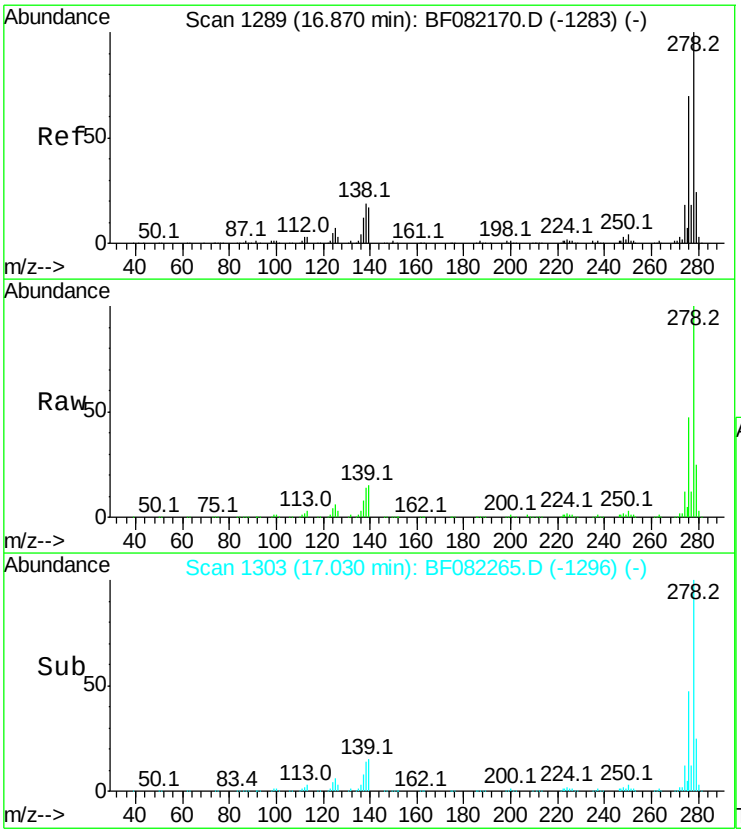
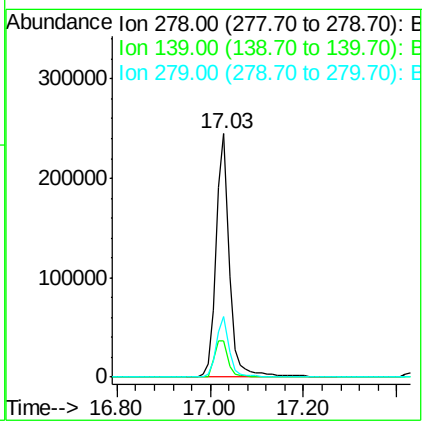
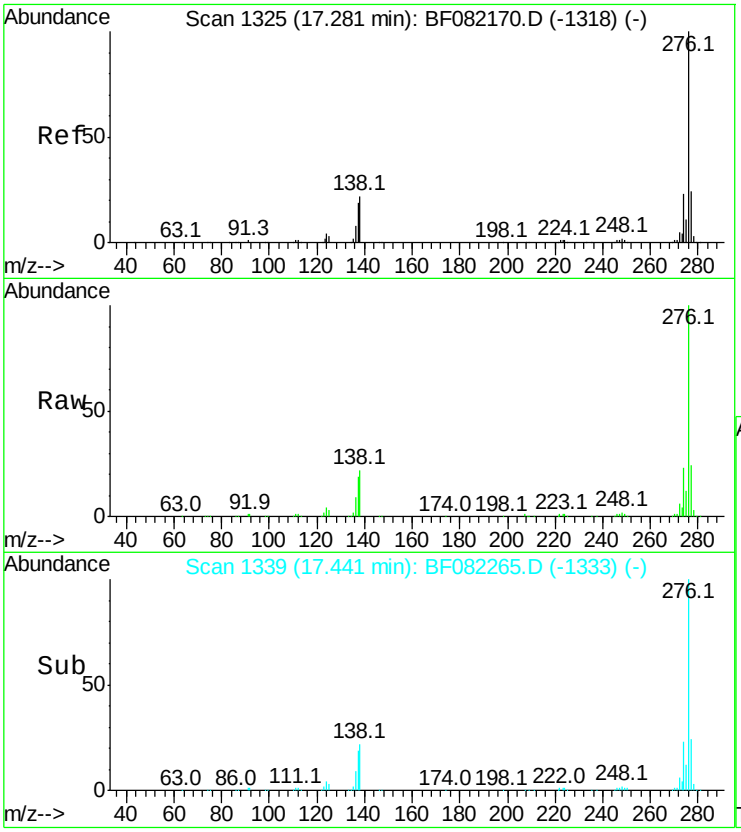


#90
Dibenzo(a,h)anthracene
Concen: 43.59 ng
RT: 17.03 min Scan# 1303
Delta R.T. -0.22 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:278 Resp: 483618

Ion	Ratio	Lower	Upper
278	100		
139	14.8	13.3	19.9
279	24.6	18.9	28.3

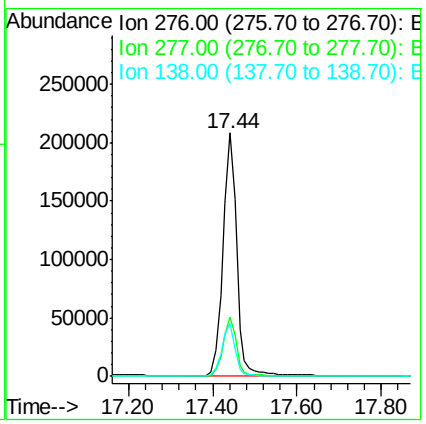




#91
Benzo(g,h,i)perylene
Concen: 43.70 ng
RT: 17.44 min Scan# 1339
Delta R.T. -0.23 min
Lab File: BF082265.D
Acq: 13 Oct 2015 20:29

Tgt Ion:276 Resp: 470918

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	21.9	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MSD

Manual Integrations APPROVED
MMdadoda
10/14/2015 3:51:20 PM