Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
Data File : BF082264.D
Acq On : 13 Oct 2015 20:00
Operator : UM/IZ
Sample : G3998-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED
MMdadoda
10/14/2015 3:51:18 PM

Quant Time: Oct 14 02:01:29 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	75057	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	297853	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	149155	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	289471	20.00	ng		-0.01
75) Chrysene-d12	14.04	240	301919	20.00	ng		-0.10
86) Perylene-d12	15.53	264	269617	20.00	ng		-0.24
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	293799	79.00	ng		0.00
7) Phenol-d6	6.46	99	262238	54.19	ng		-0.01
23) Nitrobenzene-d5	7.39	82	430708	97.11	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	192976	137.96	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	889020	98.85	ng		0.00
78) Terphenyl-d14	12.96	244	960803	84.33	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	43209	23.12	ng		99
3) Pyridine	3.17	79	61551	14.16	ng		98
4) n-Nitrosodimethylamine	3.10	42	41495	22.51	ng		96
6) Aniline	6.49	93	95915	15.37	ng		98
8) 2-Chlorophenol	6.61	128	169466	37.33	ng		82
9) Benzaldehyde	6.38	77	104543	42.30	ng		90
10) Phenol	6.47	94	94348	16.91	ng		98
11) bis(2-Chloroethyl)ether	6.56	93	186686	39.56	ng		91
12) 1,3-Dichlorobenzene	6.77	146	212869	40.26	ng		97
13) 1,4-Dichlorobenzene	6.85	146	224103	40.59	ng		98
14) 1,2-Dichlorobenzene	6.99	146	207372	39.55	ng		96
15) Benzyl Alcohol	6.97	79	116258	34.80	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	268692	40.89	ng		98
17) 2-Methylphenol	7.10	107	118810	33.09	ng		95
18) Hexachloroethane	7.34	117	76110	40.27	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	133027	39.14	ng	#	87
20) 3+4-Methylphenols	7.25	107	133157	31.13	ng	#	81
22) Acetophenone	7.25	105	277153	47.04	ng	#	91
24) Nitrobenzene	7.42	77	204672	42.63	ng		97
25) Isophorone	7.66	82	383536	42.84	ng		97
26) 2-Nitrophenol	7.74	139	109720	45.77	ng		95
27) 2,4-Dimethylphenol	7.77	122	153745	39.81	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	233962	44.92	ng		99
29) 2,4-Dichlorophenol	7.98	162	178015	46.11	ng		100
30) 1,2,4-Trichlorobenzene	8.06	180	182107	40.92	ng		98
31) Naphthalene	8.14	128	568482	44.03	ng		99
32) Benzoic acid	7.87	122	40879	15.77	ng		99
33) 4-Chloroaniline	8.19	127	53916	10.05	ng		99
34) Hexachlorobutadiene	8.25	225	111739	40.30	ng		98
35) Caprolactam	8.56	113	12735	11.37	ng	#	75
36) 4-Chloro-3-methylphenol	8.67	107	164223	43.50	ng		100
37) 2-Methylnaphthalene	8.83	142	401794	44.89	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	181849	40.99	ng		98
40) Hexachlorocyclopentadiene	8.98	237	160511	72.38	ng		99

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Misc :
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Instrument :
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ClientSampleId :
IM-MLA-(1.5-03)MS

Manual Integrations APPROVED
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Quant Time: Oct 14 02:01:29 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	116296	39.47	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	139336	43.65	ng		98
45) 1,1'-Biphenyl	9.30	154	475783	41.83	ng		94
46) 2-Chloronaphthalene	9.33	162	400971	44.78	ng		99
47) 2-Nitroaniline	9.43	65	117763	47.91	ng	#	67
48) Acenaphthylene	9.74	152	607736	43.57	ng		100
49) Dimethylphthalate	9.60	163	437223	41.63	ng		100
50) 2,6-Dinitrotoluene	9.67	165	107065	48.31	ng		95
51) Acenaphthene	9.91	154	352795	42.13	ng		99
52) 3-Nitroaniline	9.84	138	36165	14.45	ng		96
53) 2,4-Dinitrophenol	9.94	184	95749	77.53	ng	#	77
54) Dibenzofuran	10.08	168	520330	45.26	ng		98
55) 4-Nitrophenol	10.01	139	61431	43.36	ng		96
56) 2,4-Dinitrotoluene	10.07	165	124928	45.10	ng	#	86
57) Fluorene	10.42	166	415092	43.96	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	117709	45.13	ng		93
59) Diethylphthalate	10.30	149	428625	43.78	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	193387	44.71	ng	#	80
61) 4-Nitroaniline	10.46	138	104360	42.98	ng		96
62) Azobenzene	10.58	77	430067	44.88	ng		83
64) 4,6-Dinitro-2-methylphenol	10.48	198	73548	45.27	ng		89
65) n-Nitrosodiphenylamine	10.54	169	349360	40.31	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	121510	41.94	ng	#	88
67) Hexachlorobenzene	10.97	284	141473	45.15	ng	#	89
68) Atrazine	11.07	200	130525	47.54	ng		95
69) Pentachlorophenol	11.17	266	135815	84.24	ng		97
70) Phenanthrene	11.38	178	657080	46.31	ng		99
71) Anthracene	11.44	178	695690	47.58	ng		99
72) Carbazole	11.60	167	625956	46.93	ng		99
73) Di-n-butylphthalate	11.93	149	710987	43.21	ng		98
74) Fluoranthene	12.58	202	738771	48.48	ng		97
76) Benzidine	12.71	184	78181	8.94	ng		99
77) Pyrene	12.81	202	777348	43.38	ng		99
79) Butylbenzylphthalate	13.44	149	311332	38.08	ng	#	80
80) Benzo(a)anthracene	14.02	228	673565	42.88	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	143737	24.11	ng	#	97
82) Chrysene	14.06	228	640998	38.73	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	404236	34.65	ng		100
84) Di-n-octyl phthalate	14.68	149	709195	35.40	ng		100
85) Indeno(1,2,3-cd)pyrene	16.96	276	584016	44.39	ng		99
87) Benzo(b)fluoranthene	15.12	252	713804	43.52	ng	#	96
88) Benzo(k)fluoranthene	15.14	252	583052m	42.29	ng		
89) Benzo(a)pyrene	15.48	252	621301	44.07	ng		99
90) Dibenzo(a,h)anthracene	16.98	278	485056	41.99	ng		99
91) Benzo(g,h,i)perylene	17.40	276	468535	41.75	ng		99

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

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Instrument :
BNA_F
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Manual Integrations APPROVED
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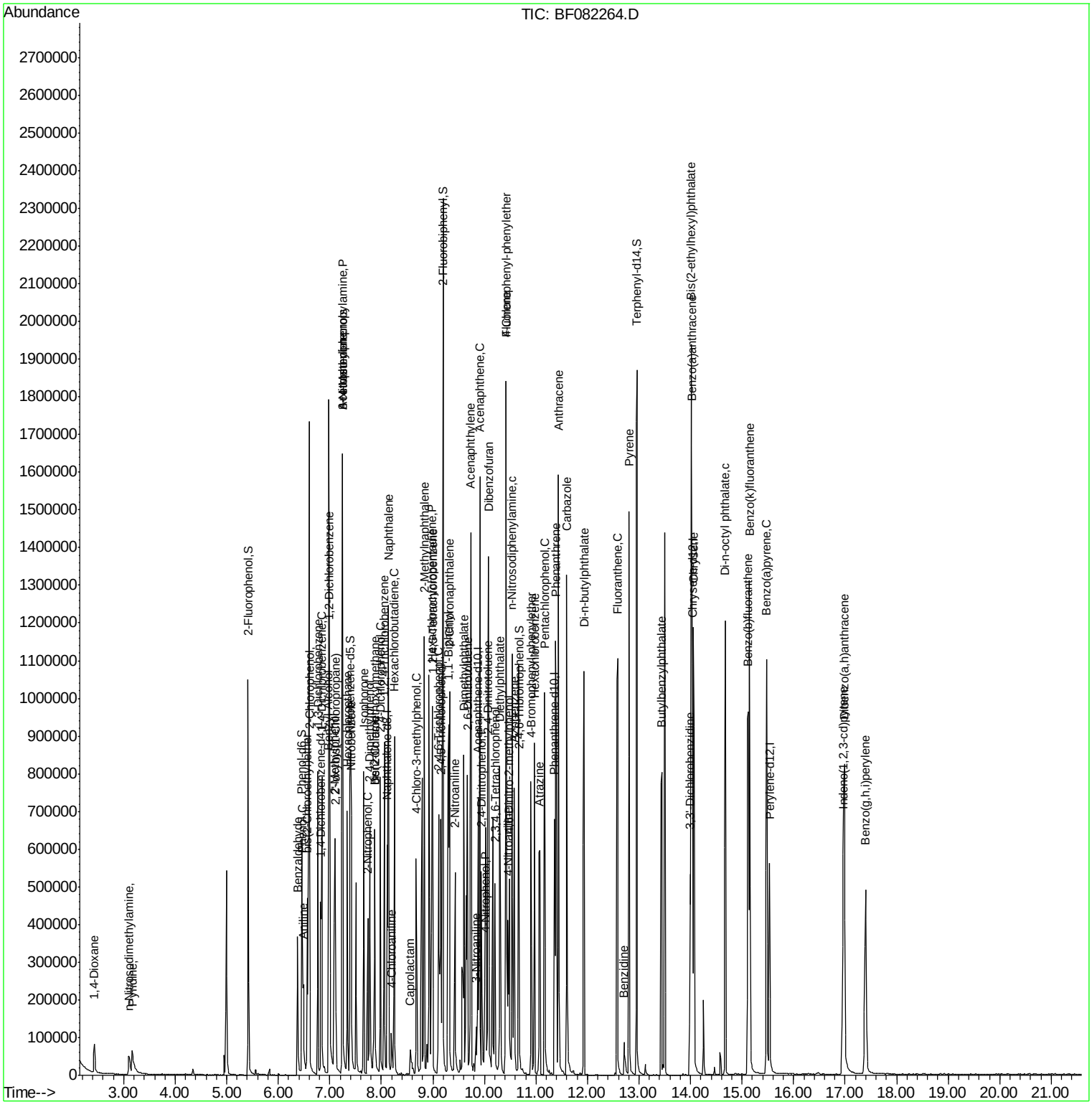
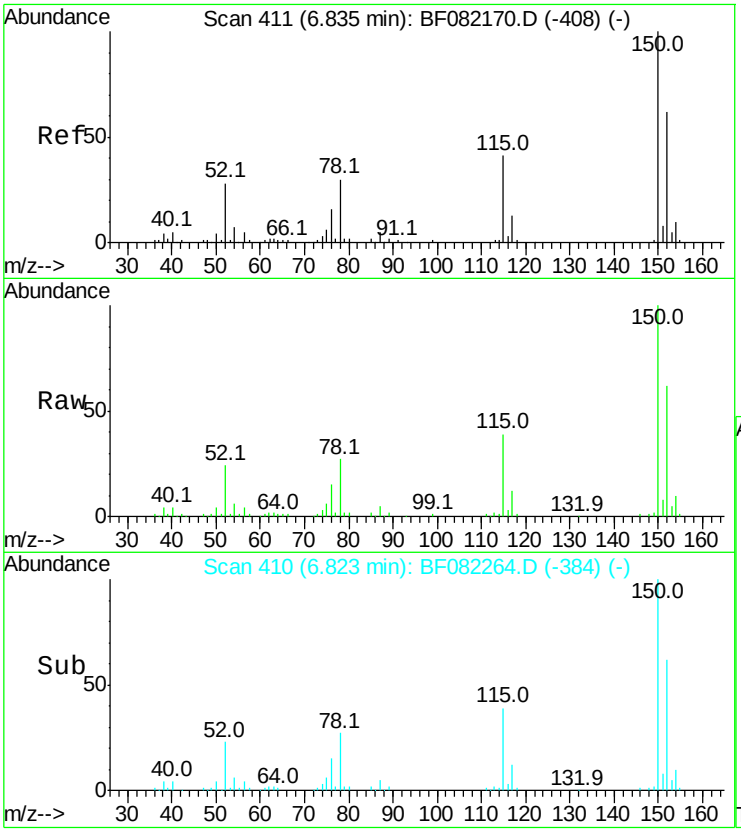
10/14/2015 3:51:18 PM

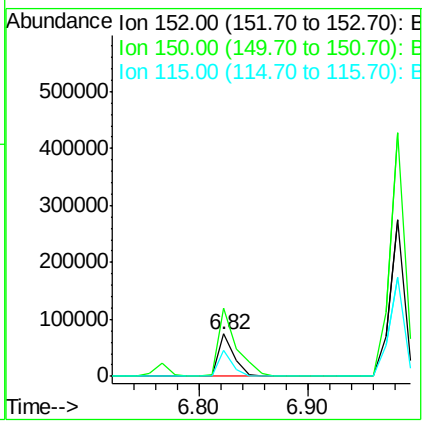




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:152 Resp: 75057

Ion	Ratio	Lower	Upper
152	100		
150	160.2	129.0	193.4
115	62.1	52.1	78.1



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

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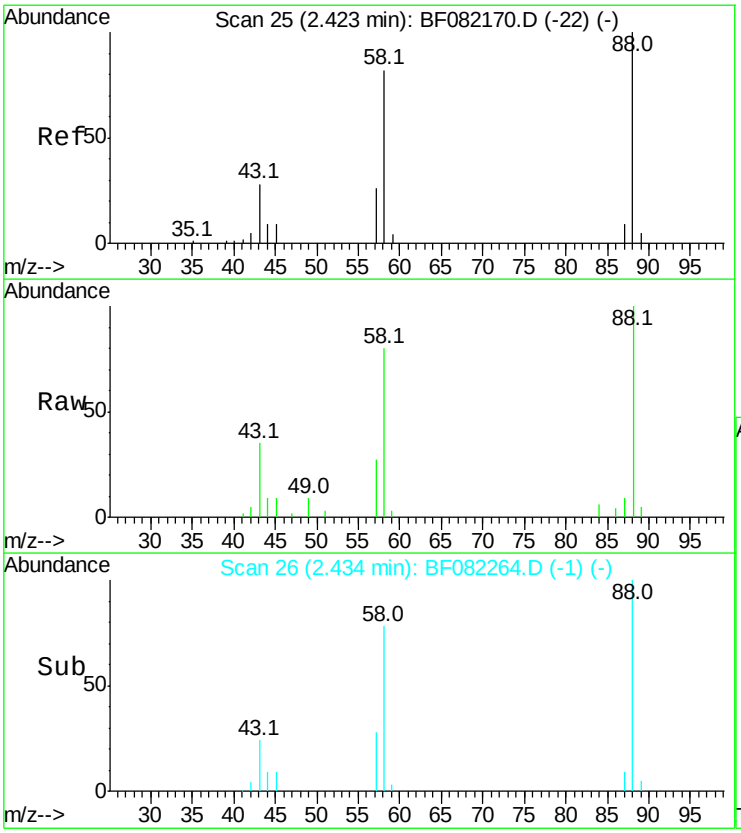
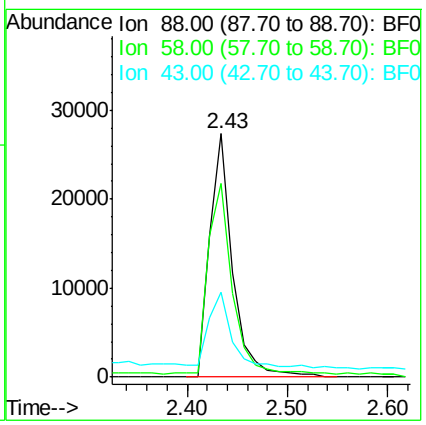
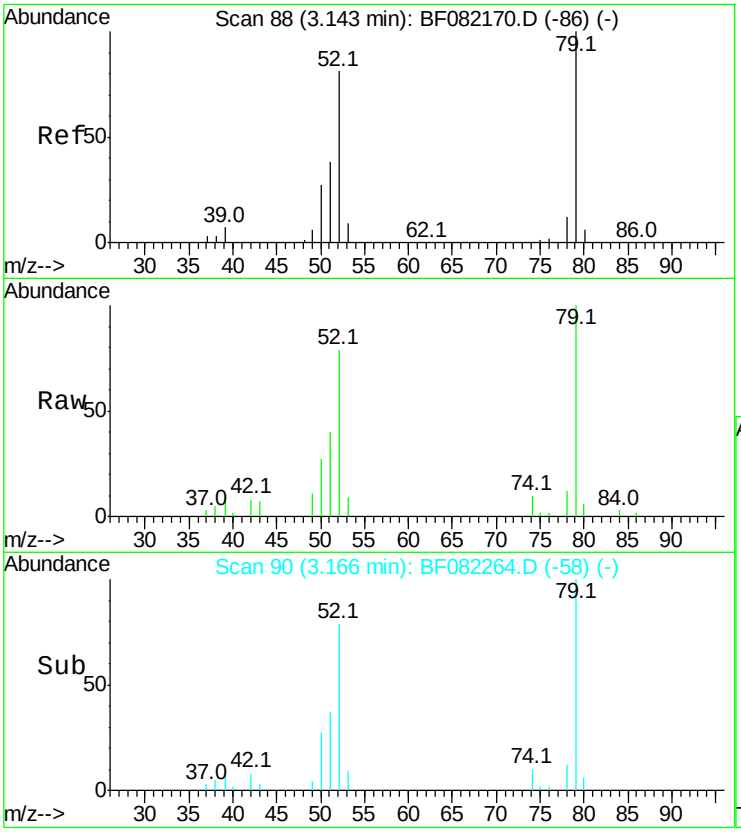


#2
1,4-Dioxane
Concen: 23.12 ng
RT: 2.43 min Scan# 26
Delta R.T. 0.06 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion: 88 Resp: 43209

Ion	Ratio	Lower	Upper
88	100		
58	83.6	66.2	99.4
43	29.3	23.0	34.4

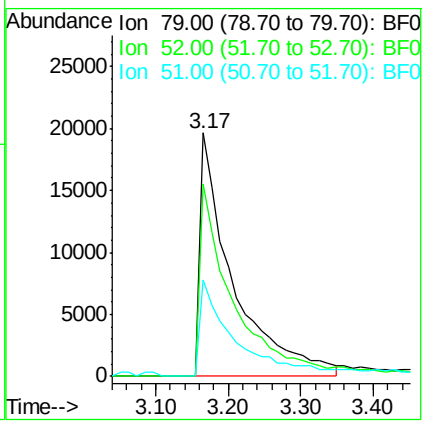




#3
Pyridine
Concen: 14.16 ng
RT: 3.17 min Scan# 90
Delta R.T. 0.07 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion: 79 Resp: 61551

Ion	Ratio	Lower	Upper
79	100		
52	78.8	64.4	96.6
51	39.6	30.5	45.7



Instrument :
BNA_F
ClientSampleId :
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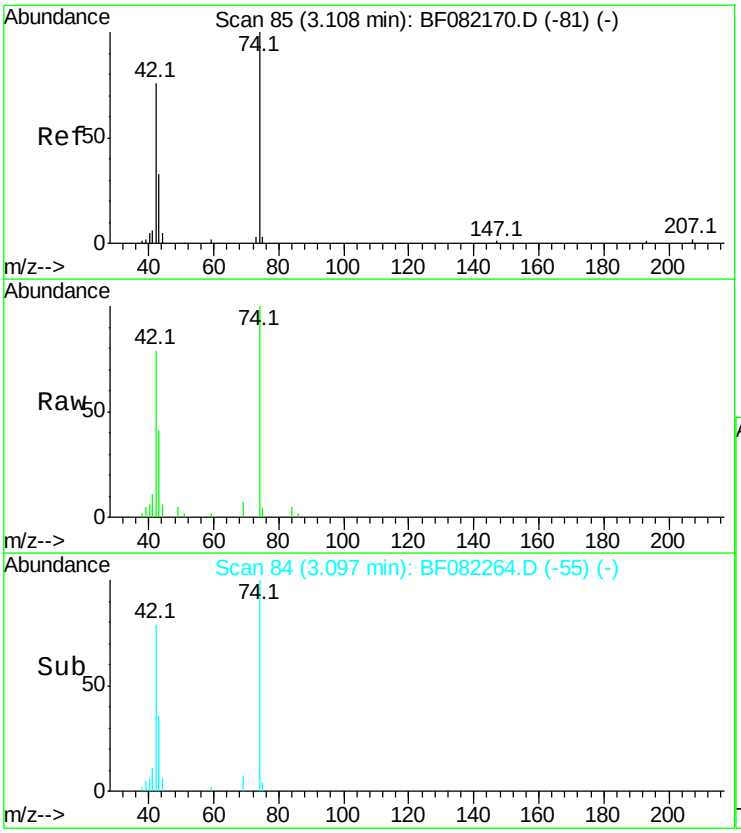
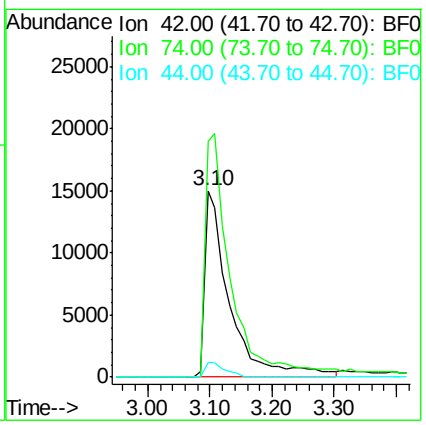
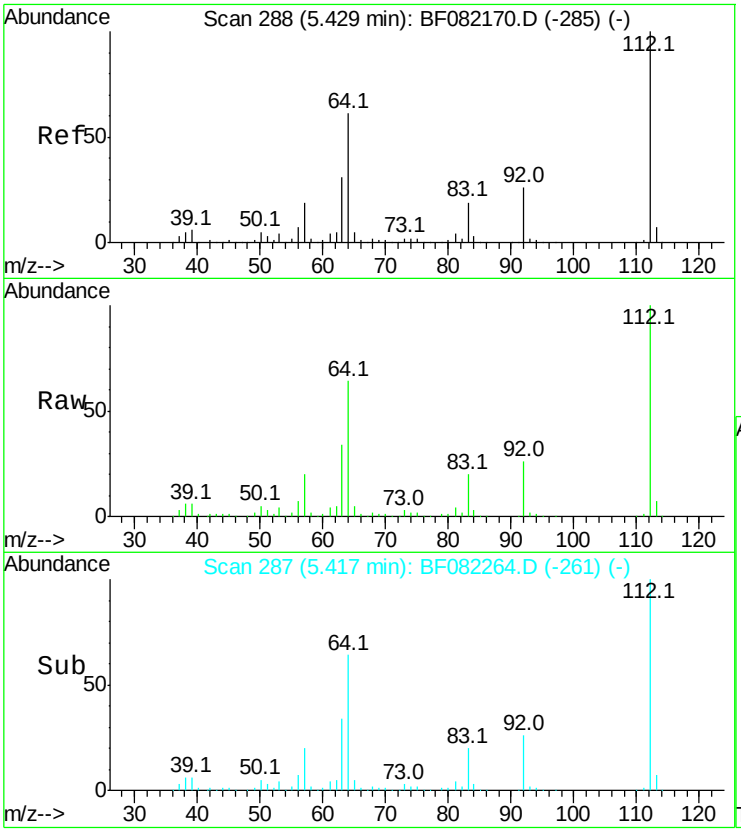


#4
n-Nitrosodimethylamine
Concen: 22.51 ng
RT: 3.10 min Scan# 84
Delta R.T. 0.03 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion: 42 Resp: 41495

Ion	Ratio	Lower	Upper
42	100		
74	127.0	105.7	158.5
44	8.0	5.4	8.2

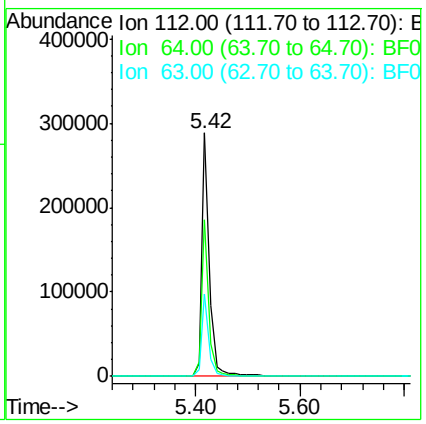




#5
2-Fluorophenol
Concen: 79.00 ng
RT: 5.42 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:112 Resp: 293799

Ion	Ratio	Lower	Upper
112	100		
64	64.2	48.6	73.0
63	33.7	25.1	37.7



Instrument :
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ClientSampleId :
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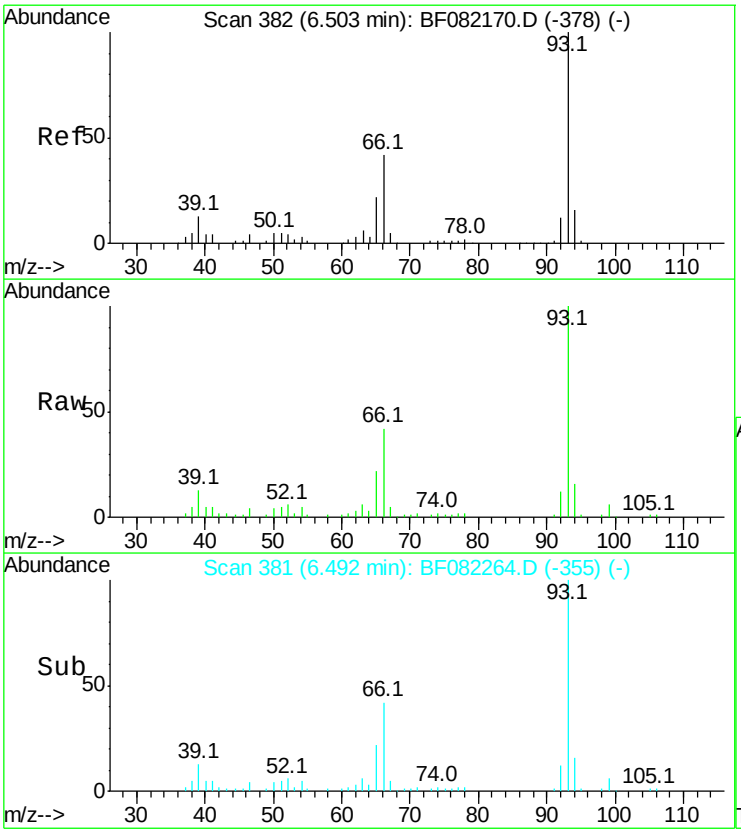
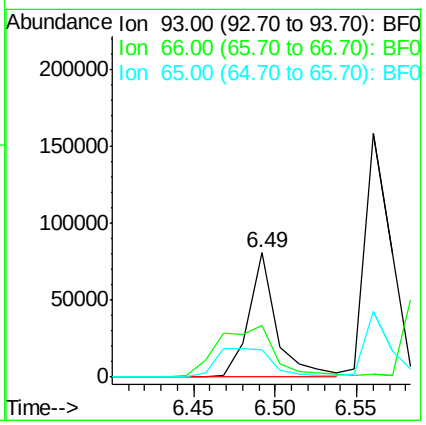
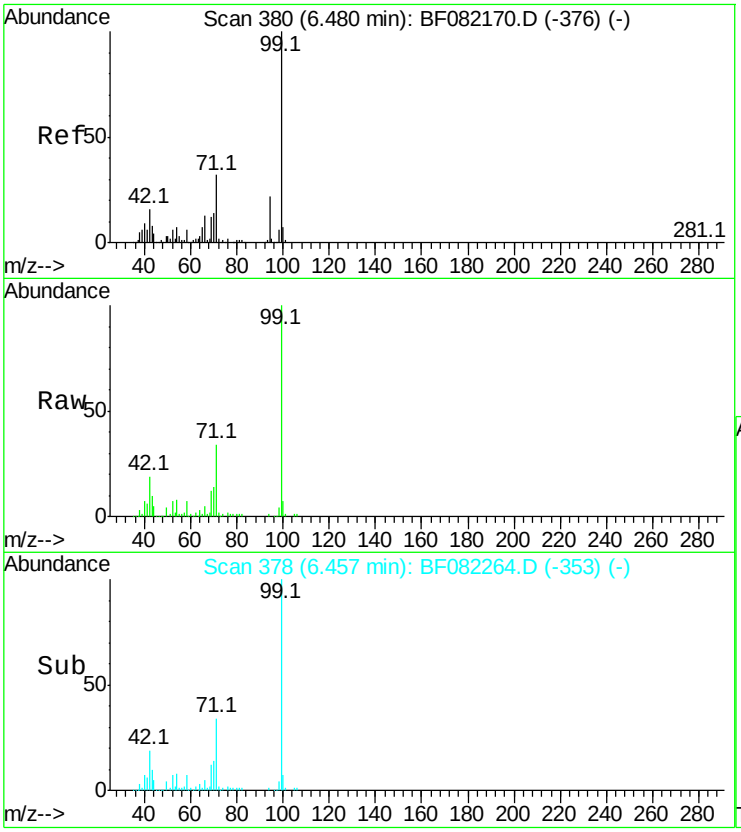


#6
Aniline
Concen: 15.37 ng
RT: 6.49 min Scan# 381
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion: 93 Resp: 95915

Ion	Ratio	Lower	Upper
93	100		
66	41.6	34.2	51.2
65	21.9	17.9	26.9

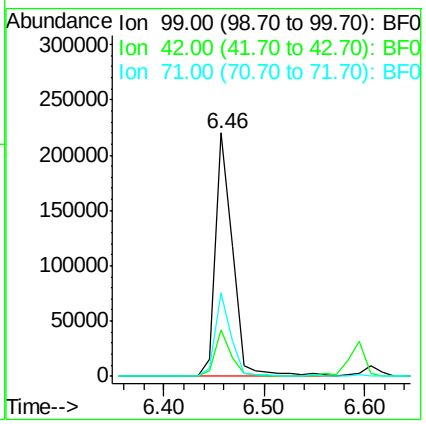




#7
Phenol-d6
Concen: 54.19 ng
RT: 6.46 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion: 99 Resp: 262238

Ion	Ratio	Lower	Upper
99	100		
42	19.0	13.2	19.8
71	34.4	25.6	38.4



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ClientSampleId :
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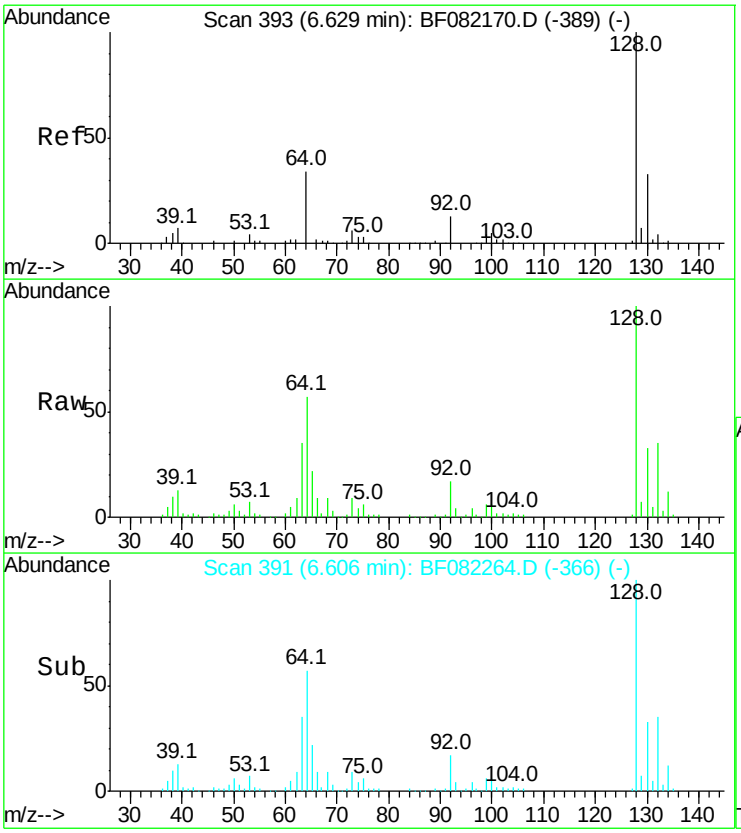
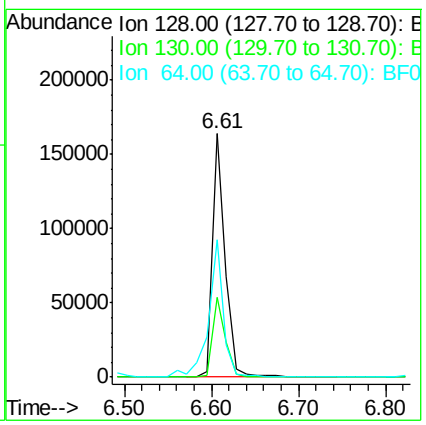
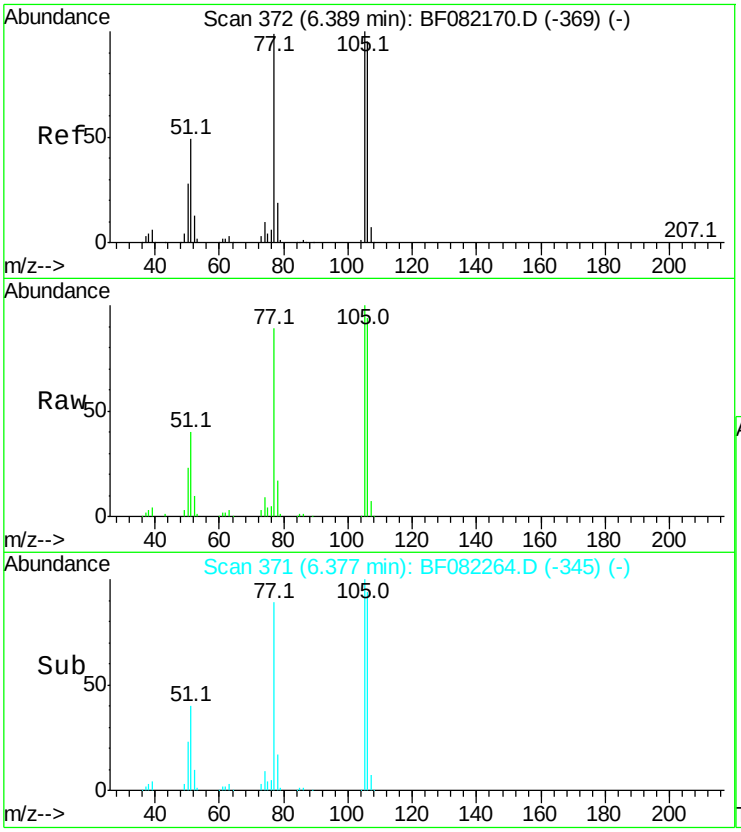


#8
2-Chlorophenol
Concen: 37.33 ng
RT: 6.61 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:128 Resp: 169466

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	56.6	16.7	56.7

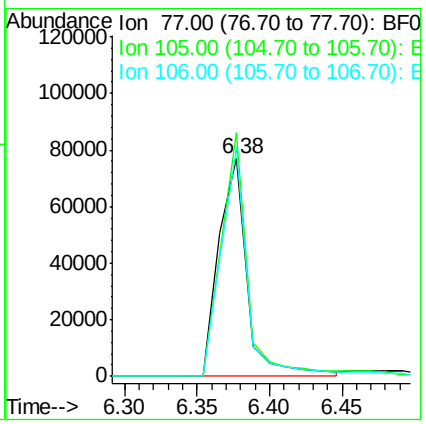




#9
Benzaldehyde
Concen: 42.30 ng
RT: 6.38 min Scan# 371
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion: 77 Resp: 104543

Ion	Ratio	Lower	Upper
77	100		
105	111.8	80.6	120.6
106	104.8	75.5	115.5



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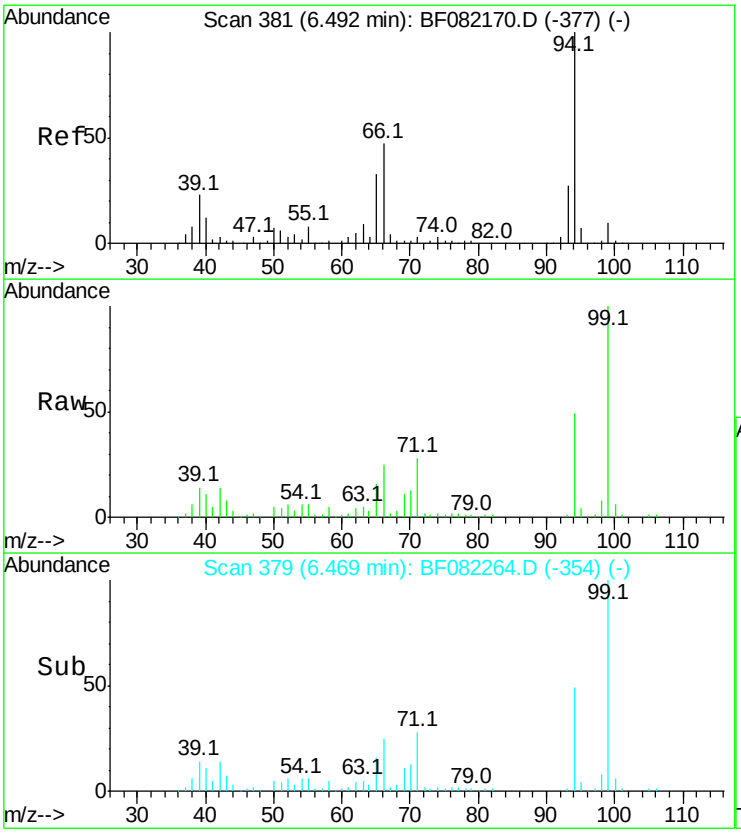
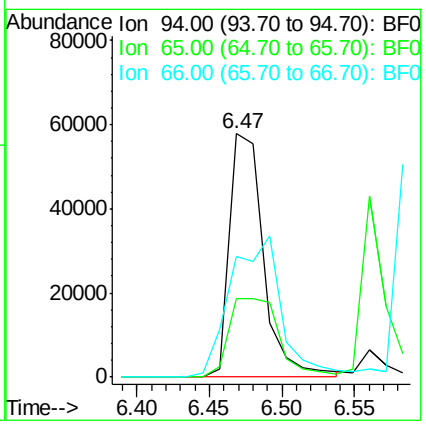
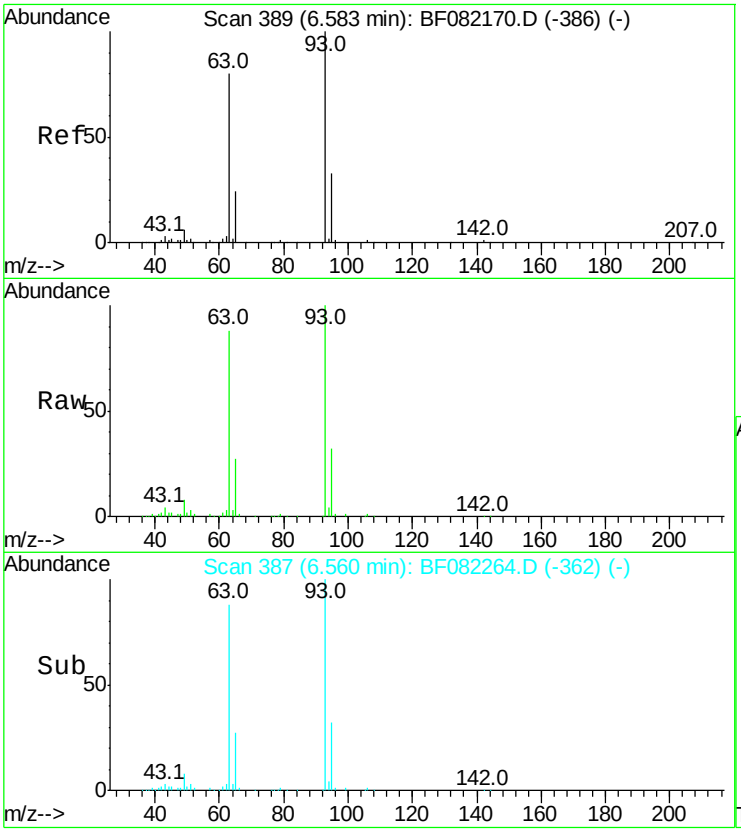


#10
Phenol
Concen: 16.91 ng
RT: 6.47 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion: 94 Resp: 94348

Ion	Ratio	Lower	Upper
94	100		
65	32.2	12.6	52.6
66	49.8	27.3	67.3

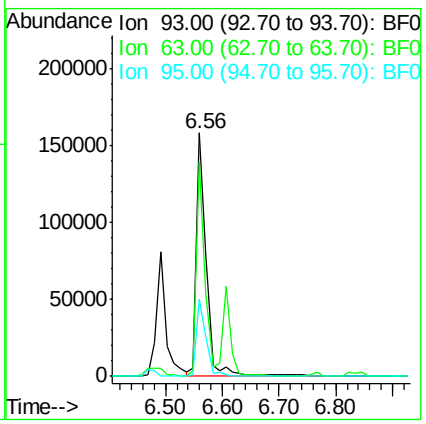




#11
bis(2-Chloroethyl)ether
Concen: 39.56 ng
RT: 6.56 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion: 93 Resp: 186686

Ion	Ratio	Lower	Upper
93	100		
63	88.2	57.1	97.1
95	31.9	11.9	51.9



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BNA_F
ClientSampleId :
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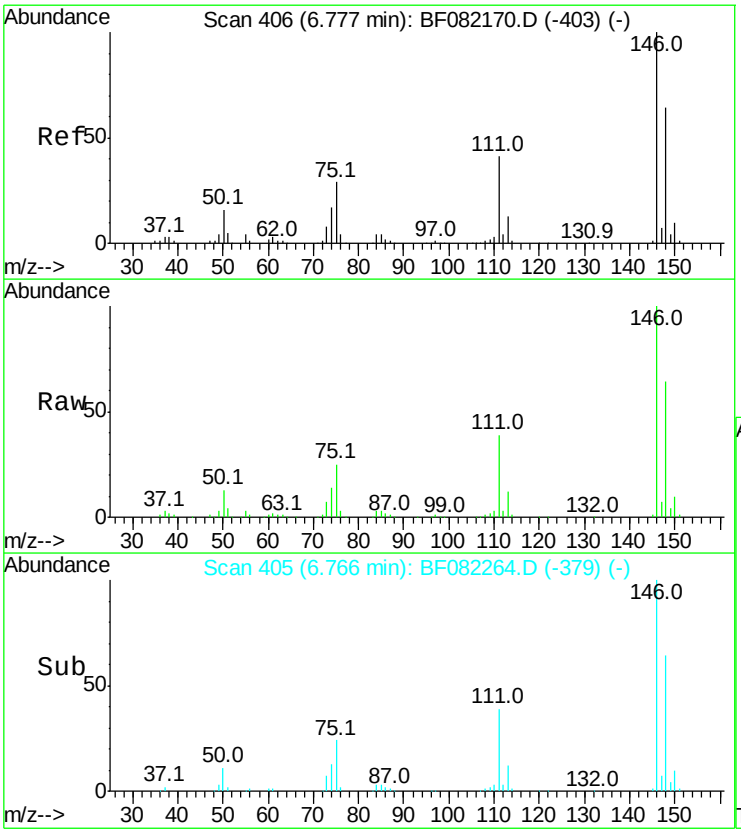
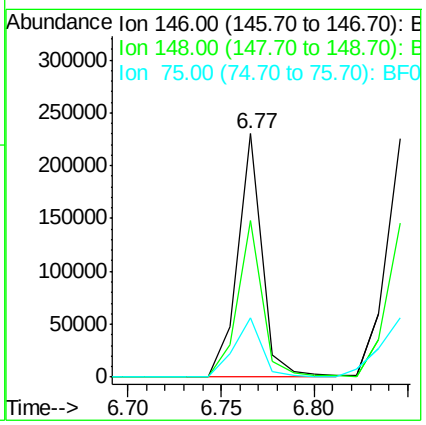
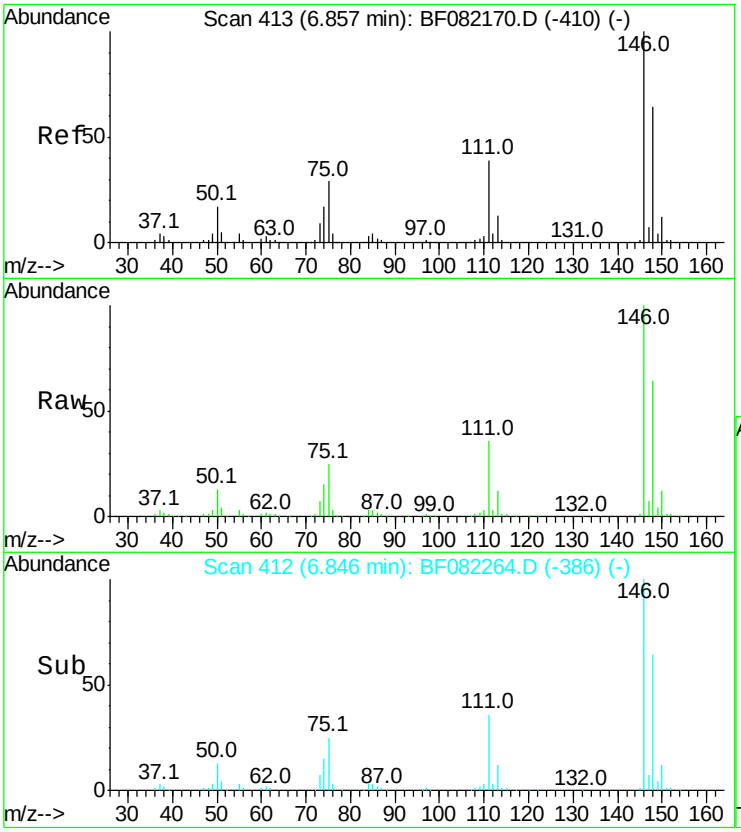


#12
1,3-Dichlorobenzene
Concen: 40.26 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:146 Resp: 212869

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.2
75	24.6	23.0	34.6

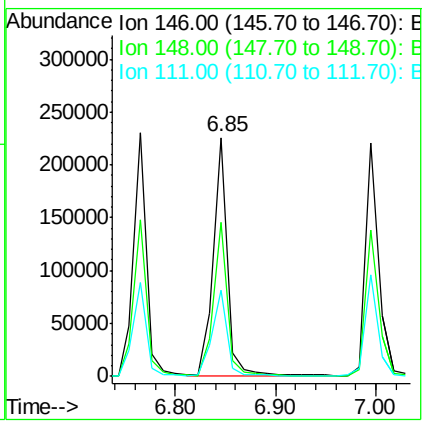




#13
1,4-Dichlorobenzene
Concen: 40.59 ng
RT: 6.85 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:146 Resp: 224103

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.4
111	36.1	31.1	46.7



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

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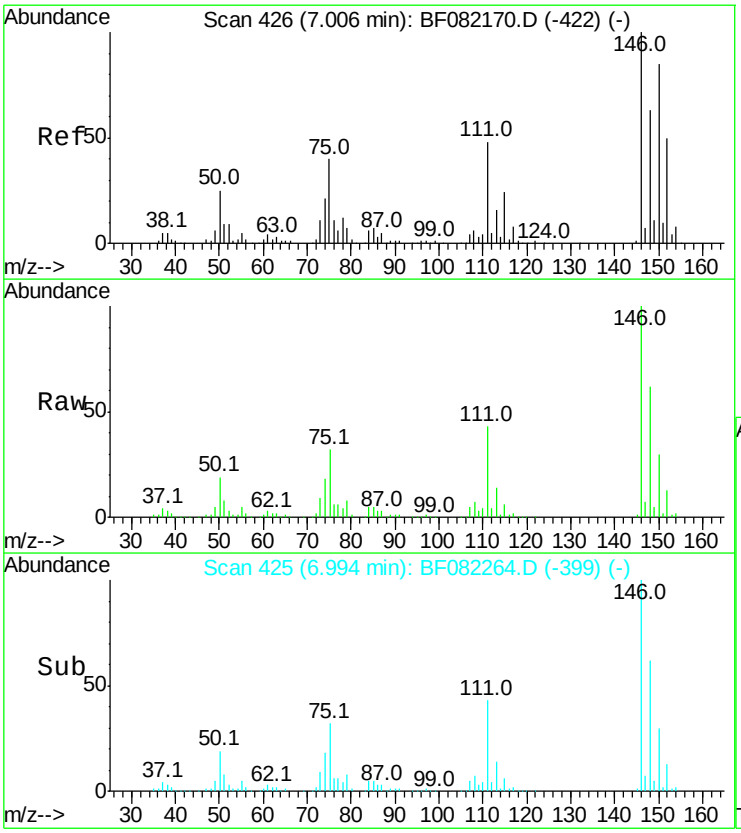
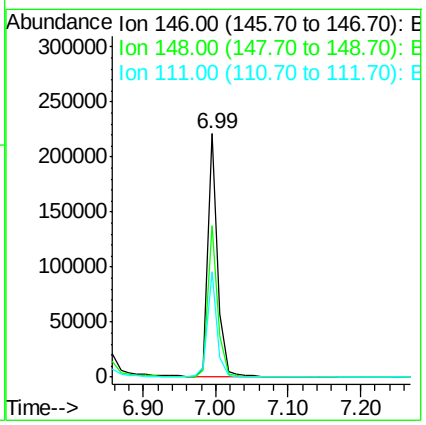
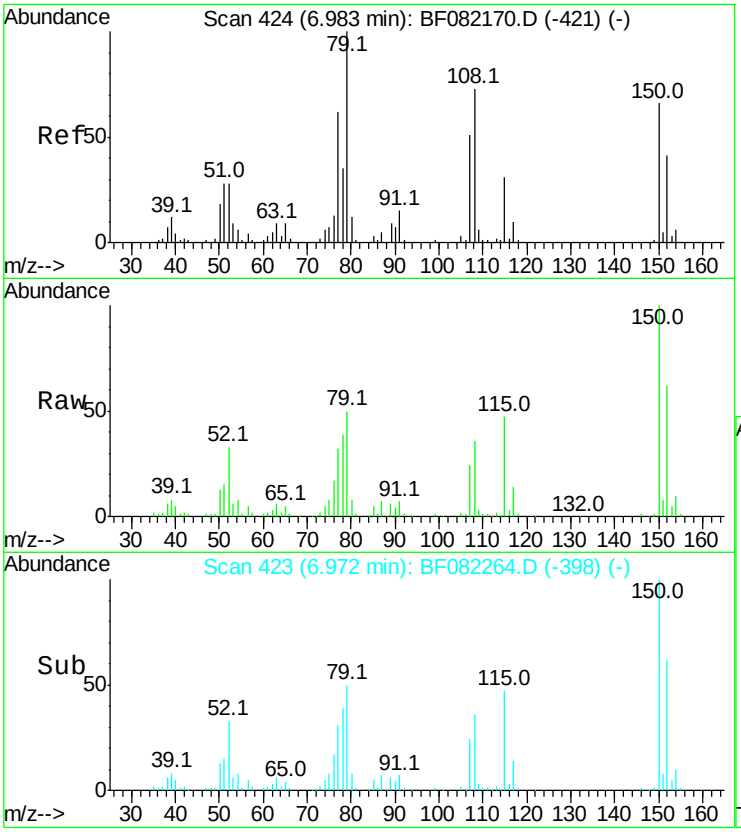


#14
1,2-Dichlorobenzene
Concen: 39.55 ng
RT: 6.99 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:146 Resp: 207372

Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.5	75.7
111	43.4	38.5	57.7

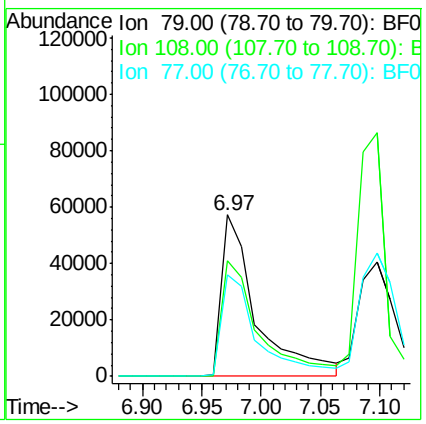




#15
Benzyl Alcohol
Concen: 34.80 ng
RT: 6.97 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion: 79 Resp: 116258

Ion	Ratio	Lower	Upper
79	100		
108	71.3	58.4	87.6
77	62.8	49.8	74.6



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

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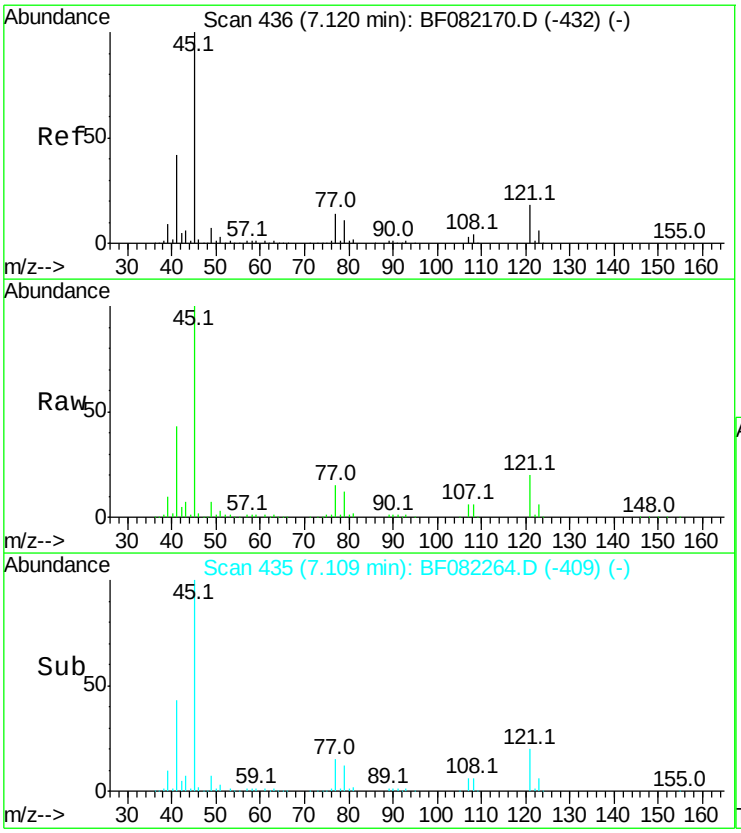
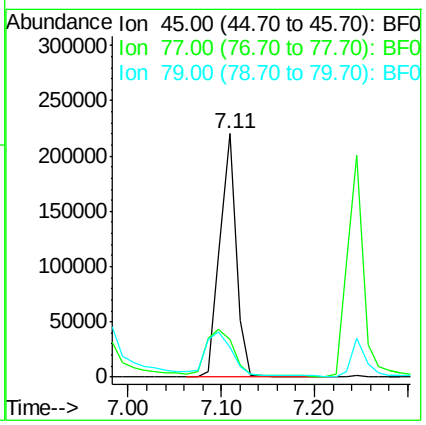
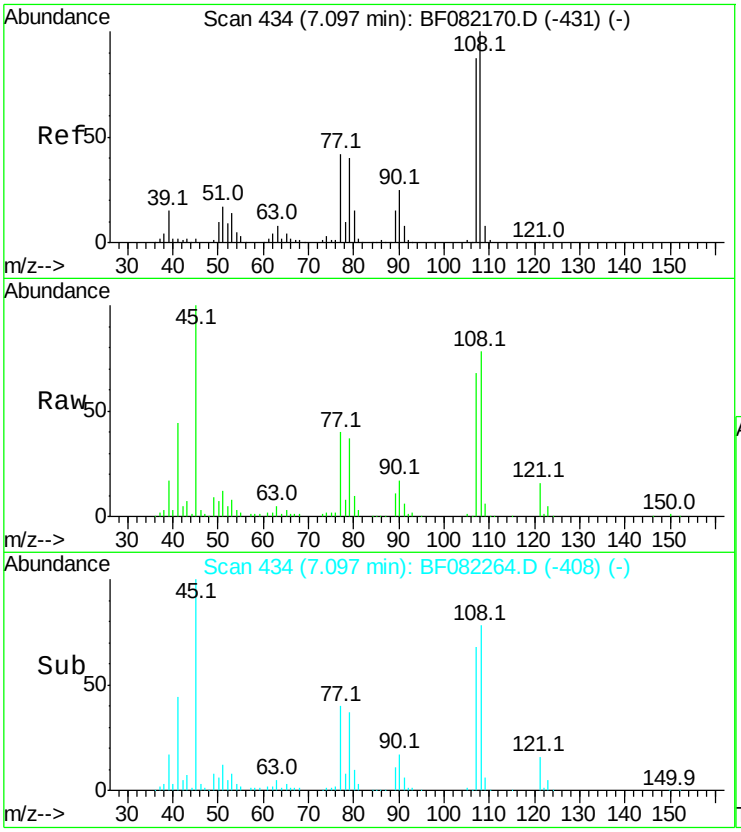


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.89 ng
RT: 7.11 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion: 45 Resp: 268692

Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	34.5
79	12.5	0.0	31.6

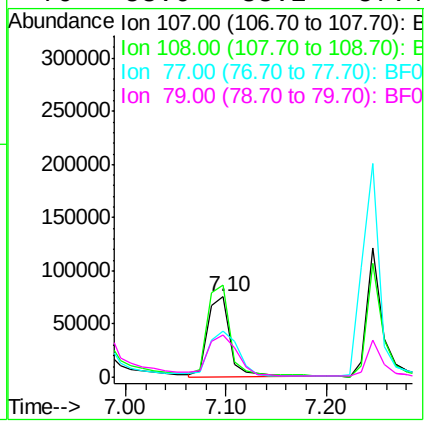




#17
2-Methylphenol
Concen: 33.09 ng
RT: 7.10 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:107 Resp: 118810

Ion	Ratio	Lower	Upper
107	100		
108	114.7	92.2	138.2
77	58.0	39.6	59.4
79	53.6	38.2	57.4



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

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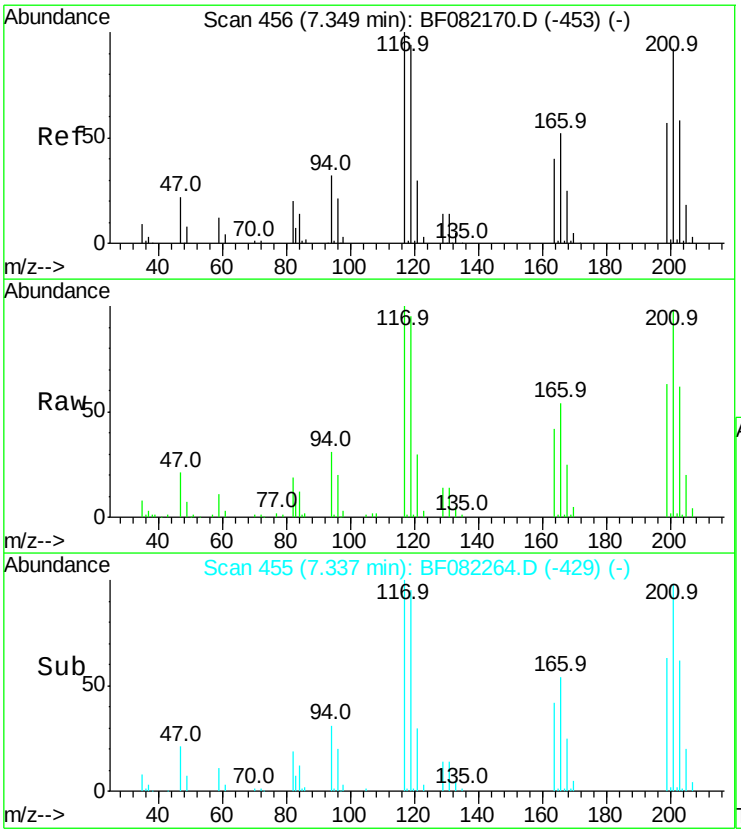
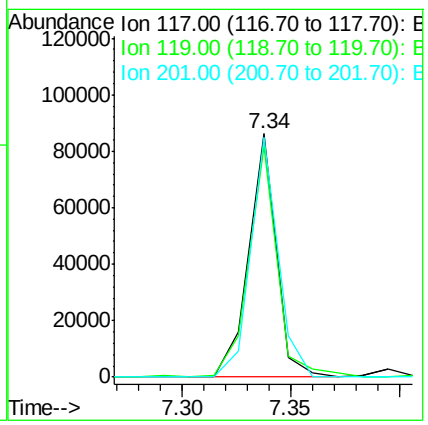
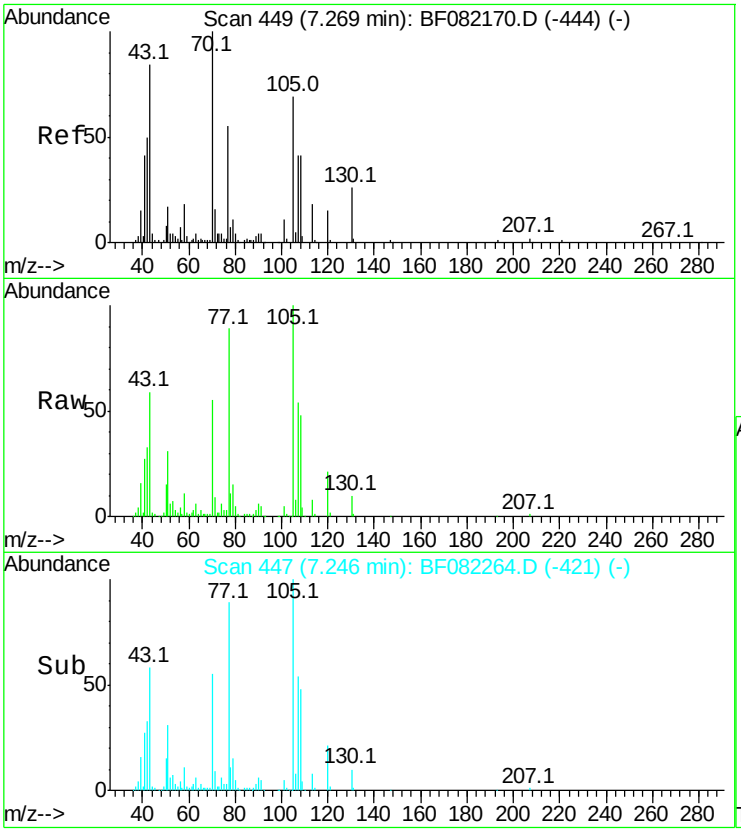


#18
Hexachloroethane
Concen: 40.27 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:117 Resp: 76110

Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.4	113.2
201	98.3	73.4	110.0

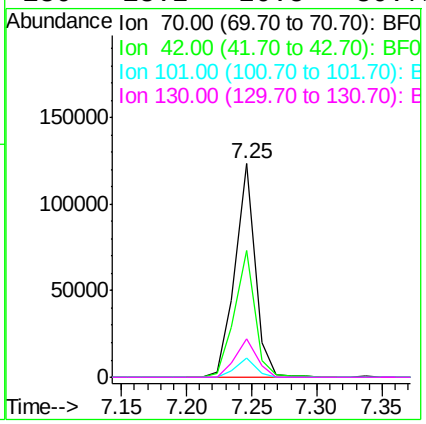




#19
n-Nitroso-di-n-propylamine
Concen: 39.14 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion: 70 Resp: 133027

Ion	Ratio	Lower	Upper
70	100		
42	59.5	39.8	59.8
101	8.8	8.6	13.0
130	18.2	20.5	30.7#



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

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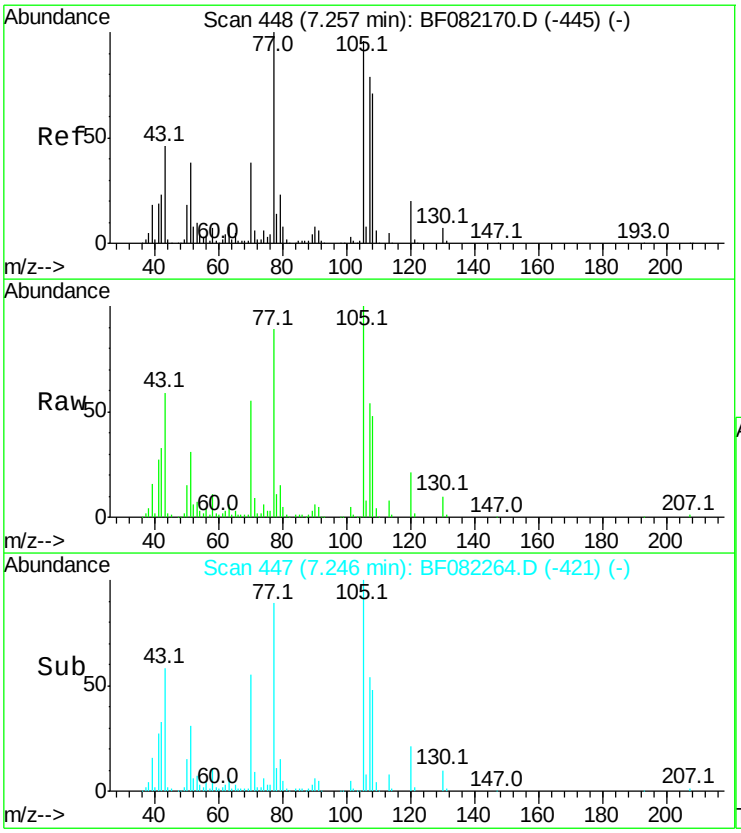
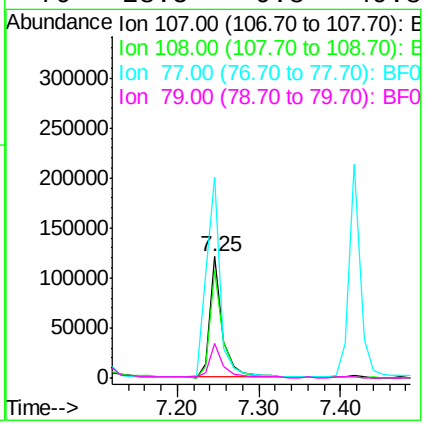
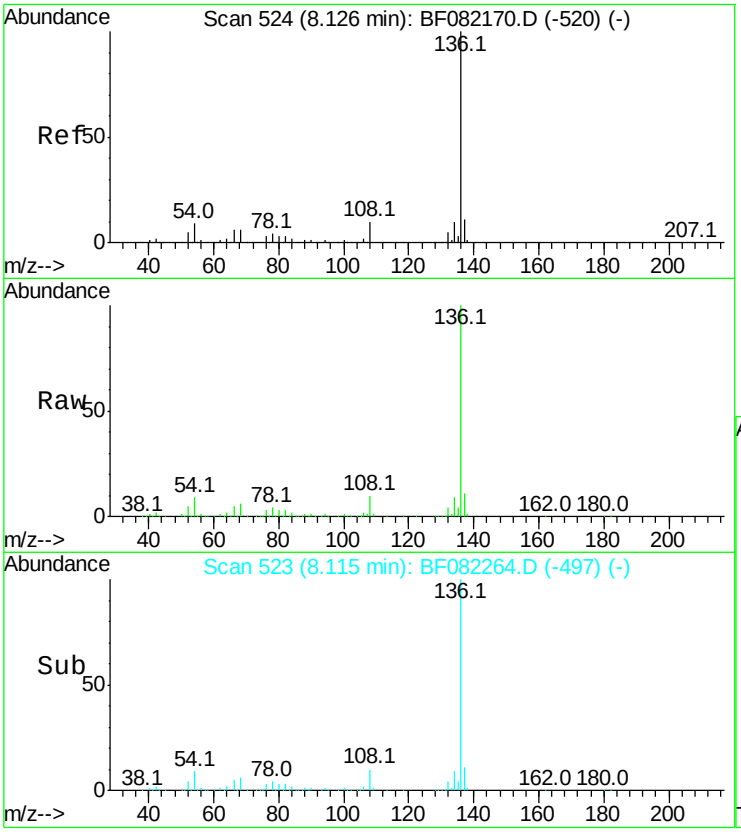


#20
3+4-Methylphenols
Concen: 31.13 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:107 Resp: 133157

Ion	Ratio	Lower	Upper
107	100		
108	88.4	69.9	109.9
77	165.6	106.0	146.0#
79	28.5	9.8	49.8

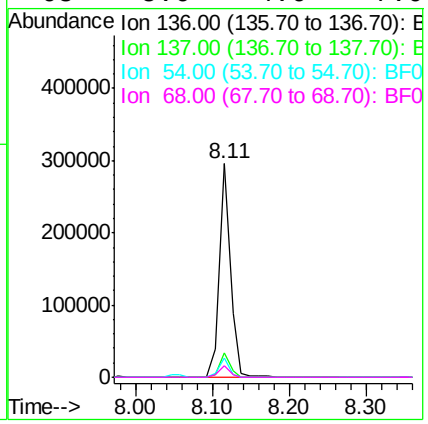




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:136 Resp: 297853

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.3	7.5	11.3
68	5.6	4.6	7.0



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

Manual Integrations APPROVED
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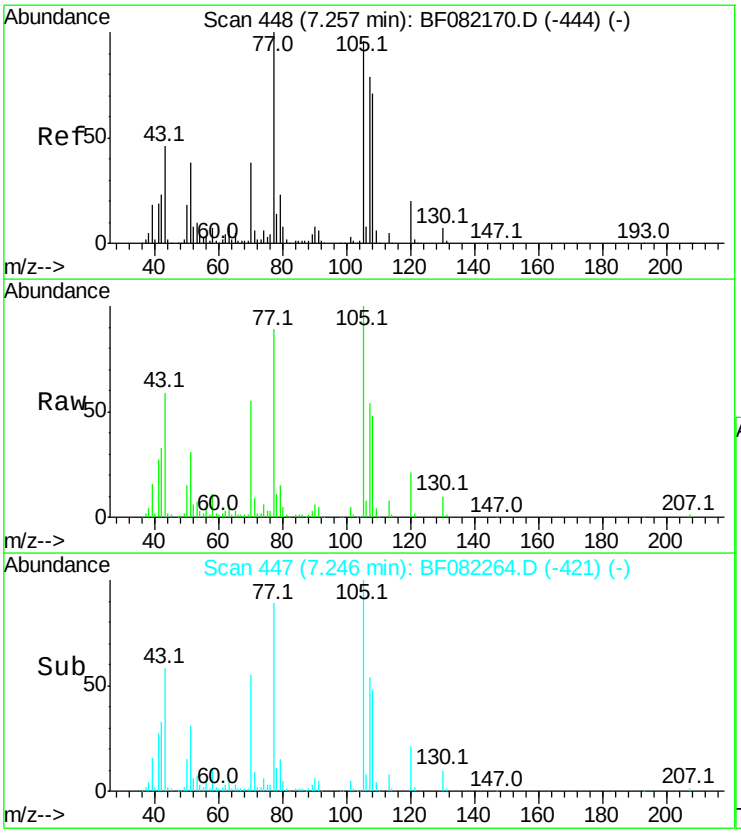
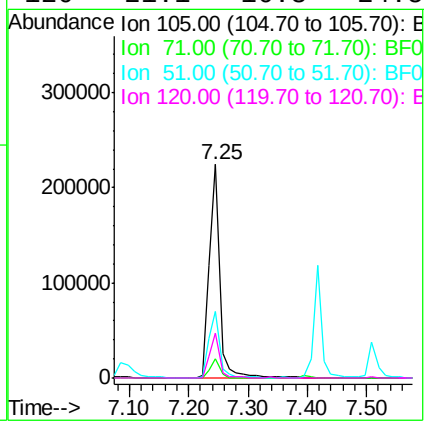
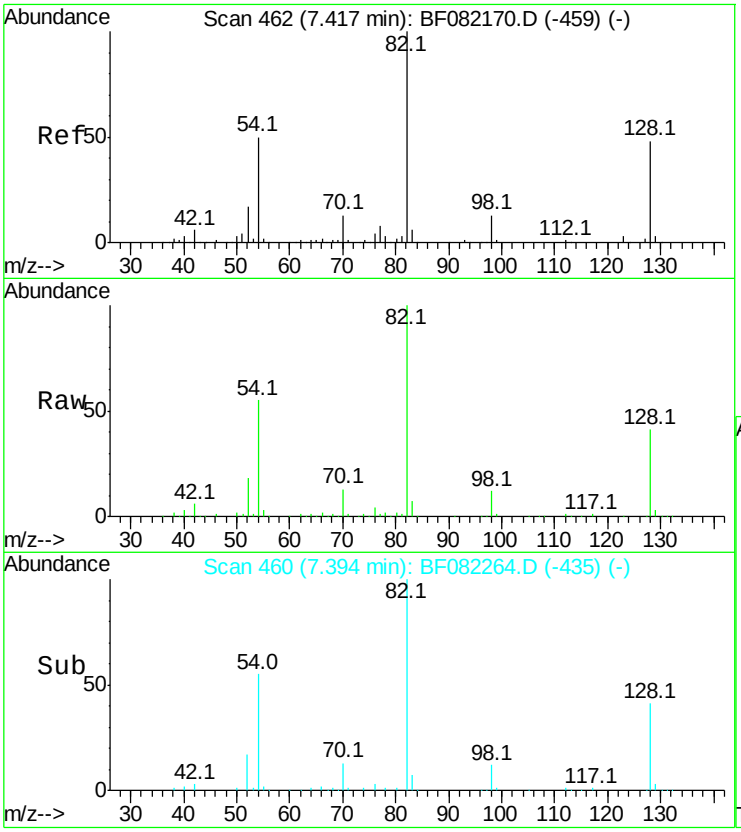


#22
Acetophenone
Concen: 47.04 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:105 Resp: 277153

Ion	Ratio	Lower	Upper
105	100		
71	9.1	5.4	8.0#
51	31.1	31.8	47.6#
120	21.1	16.3	24.5

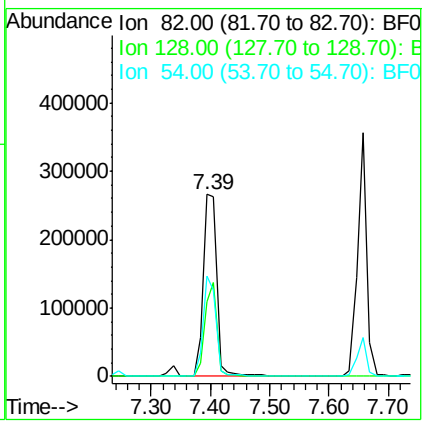




#23
Nitrobenzene-d5
Concen: 97.11 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion: 82 Resp: 430708

Ion	Ratio	Lower	Upper
82	100		
128	41.3	38.7	58.1
54	55.2	40.1	60.1



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

Manual Integrations APPROVED
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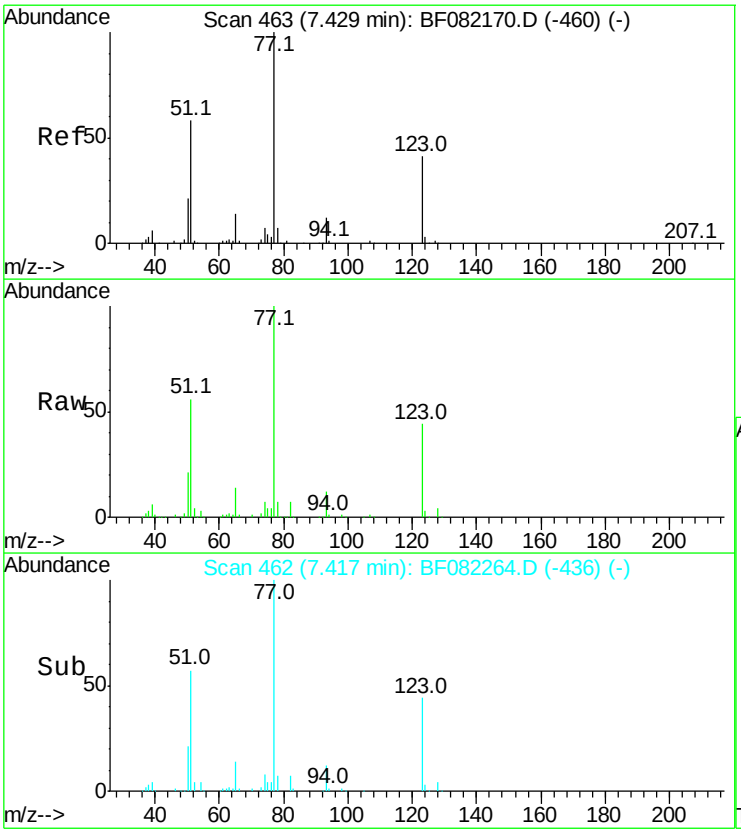
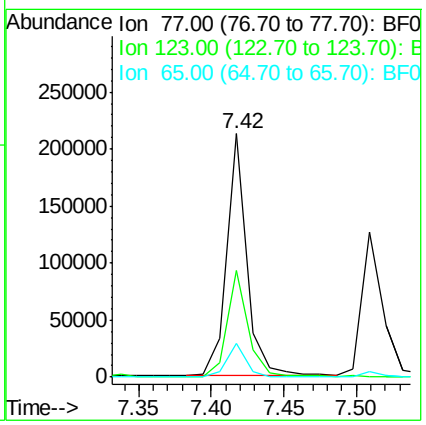
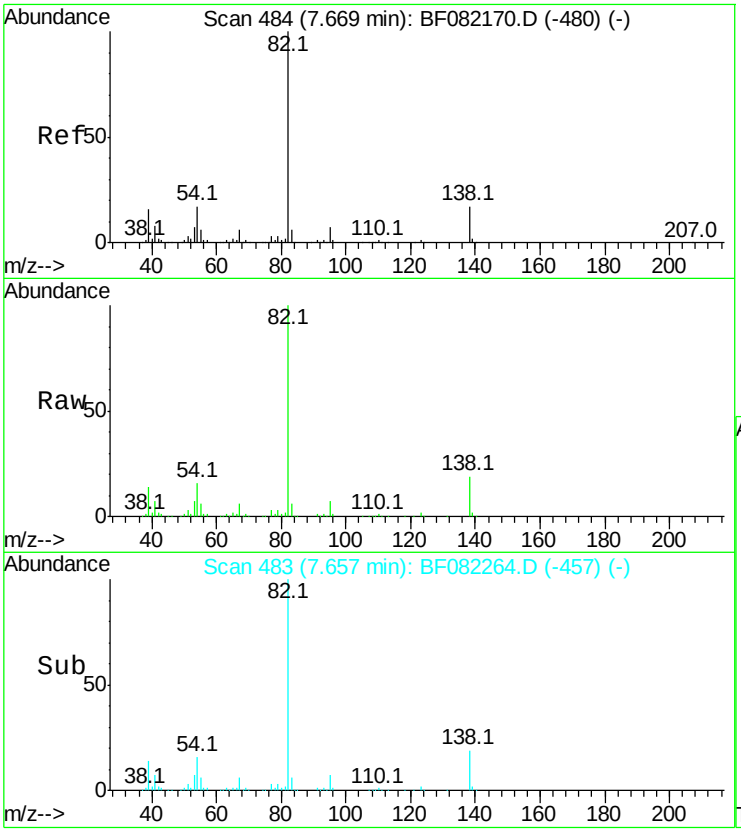


#24
Nitrobenzene
Concen: 42.63 ng
RT: 7.42 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion: 77 Resp: 204672

Ion	Ratio	Lower	Upper
77	100		
123	43.8	33.0	49.4
65	13.7	11.2	16.8

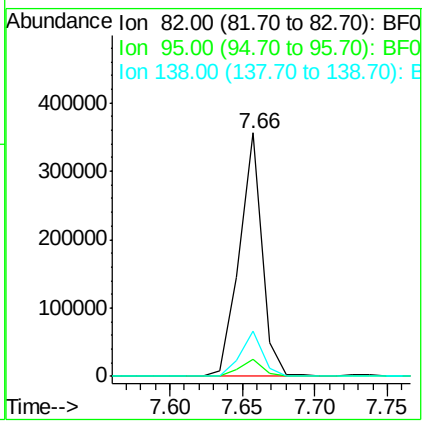




#25
Isophorone
Concen: 42.84 ng
RT: 7.66 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion: 82 Resp: 383536

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	18.7	13.6	20.4



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

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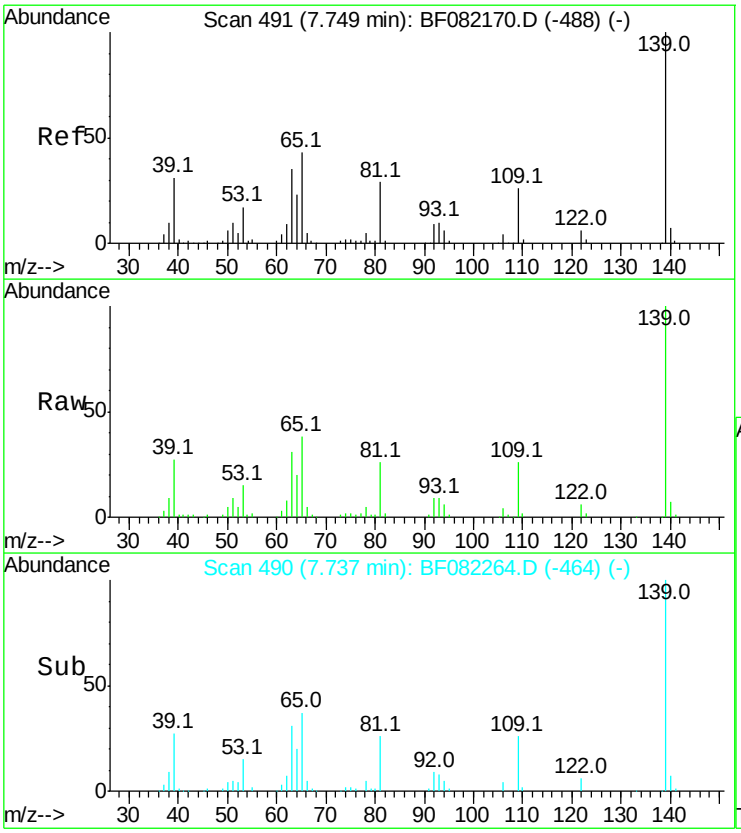
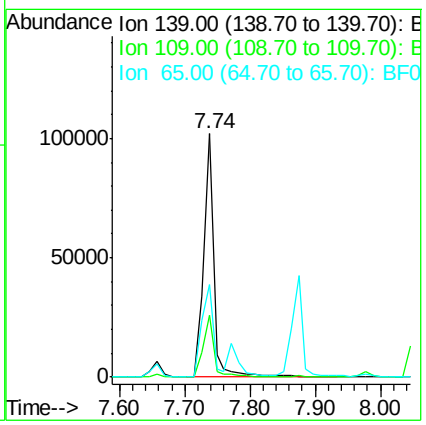
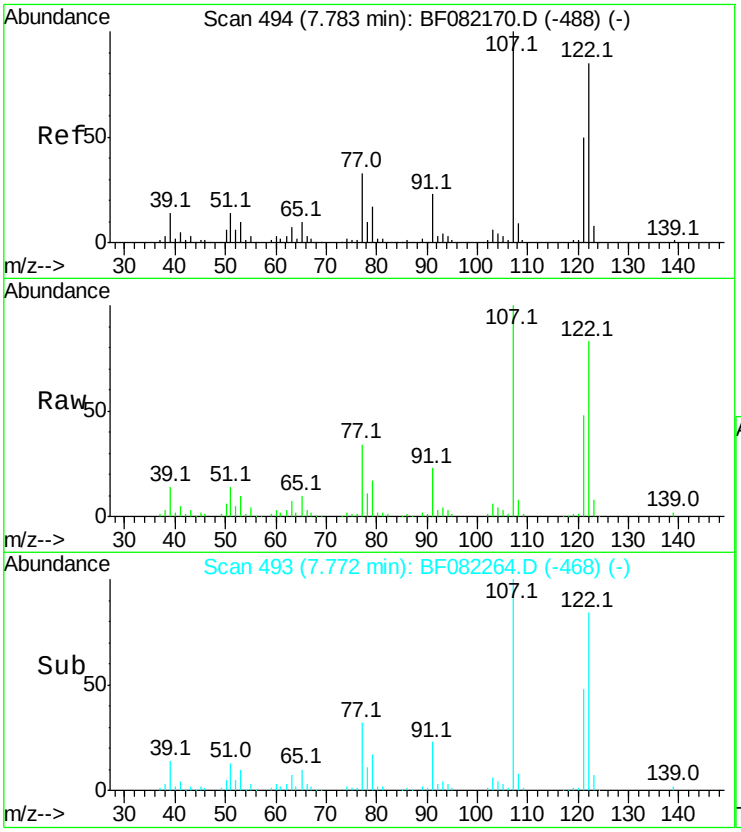


#26
2-Nitrophenol
Concen: 45.77 ng
RT: 7.74 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:139 Resp: 109720

Ion	Ratio	Lower	Upper
139	100		
109	25.7	20.6	31.0
65	38.2	34.3	51.5

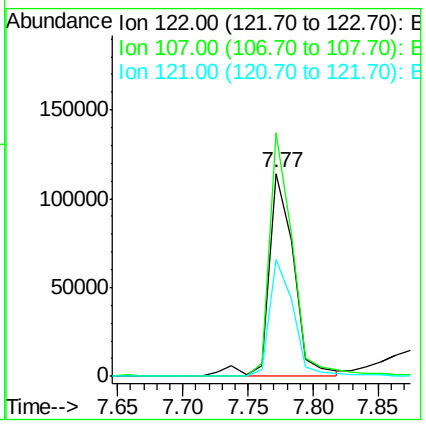




#27
2,4-Dimethylphenol
Concen: 39.81 ng
RT: 7.77 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:122 Resp: 153745

Ion	Ratio	Lower	Upper
122	100		
107	120.0	94.0	141.0
121	57.9	46.8	70.2



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

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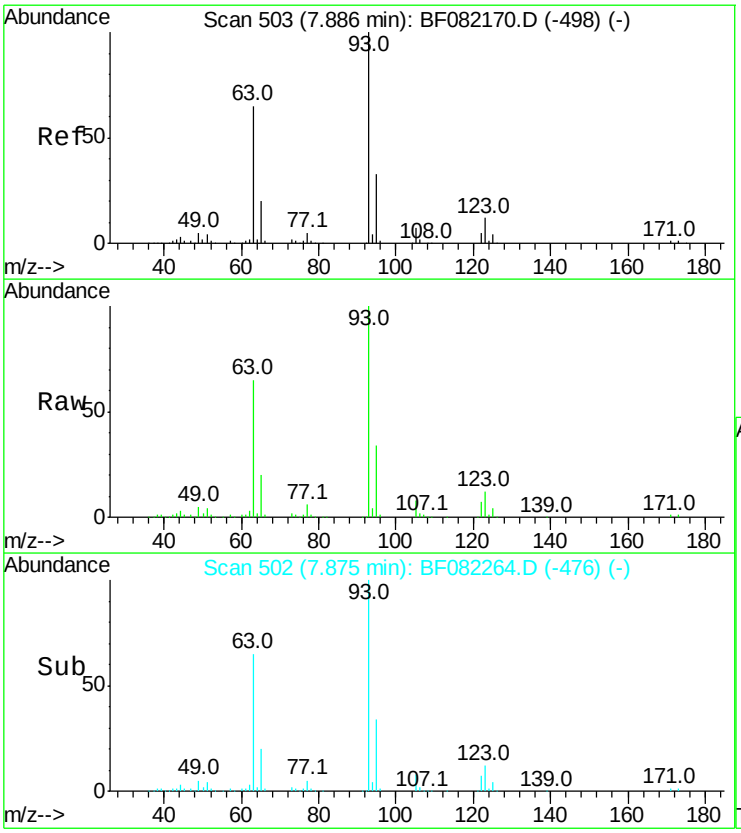
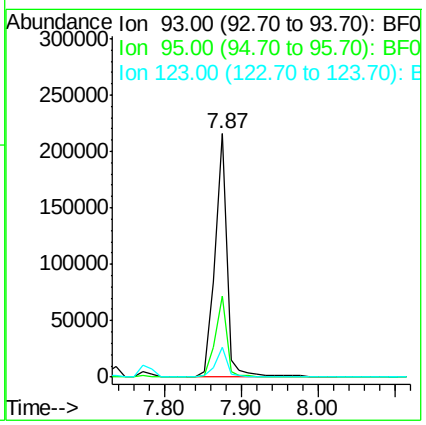
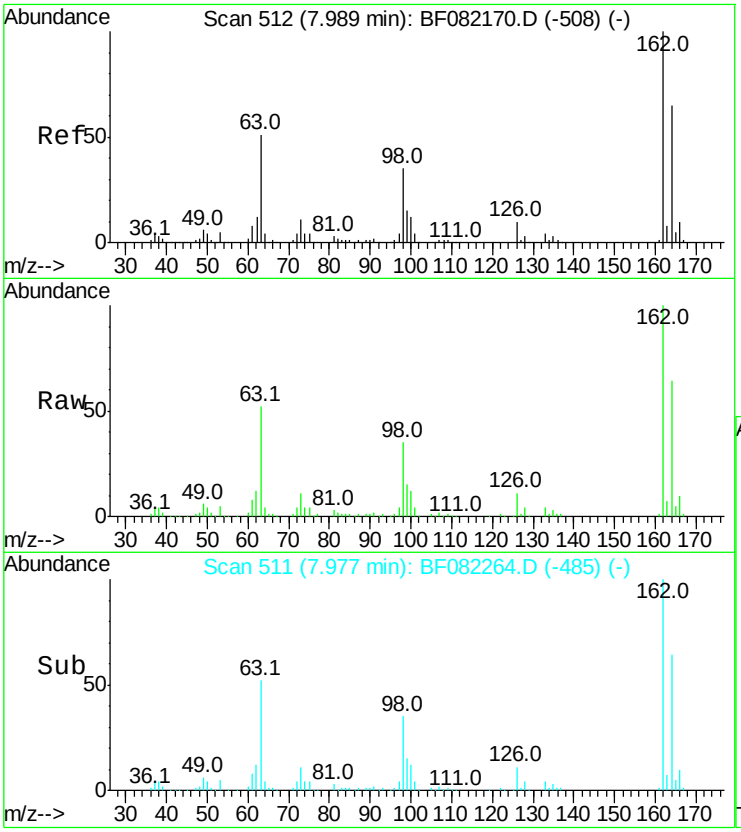


#28
bis(2-Chloroethoxy)methane
Concen: 44.92 ng
RT: 7.87 min Scan# 502
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion: 93 Resp: 233962

Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.6	39.8
123	12.1	9.5	14.3

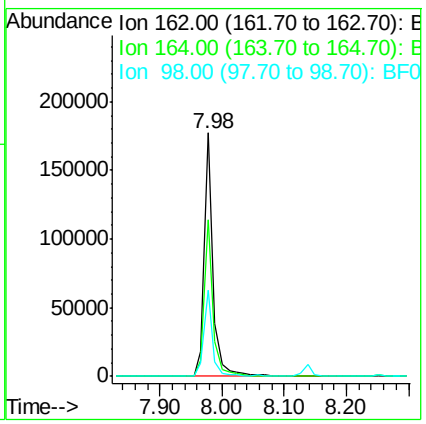




#29
2,4-Dichlorophenol
Concen: 46.11 ng
RT: 7.98 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:162 Resp: 178015

Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.6	84.6
98	35.3	15.0	55.0



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

Manual Integrations APPROVED
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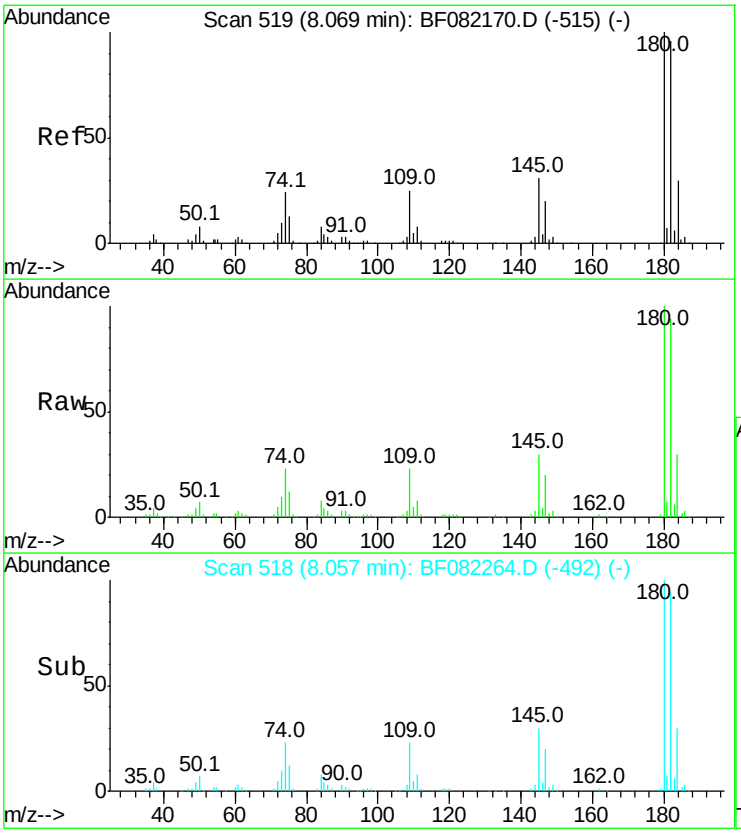
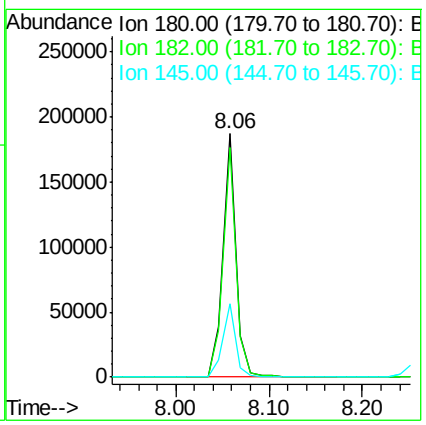
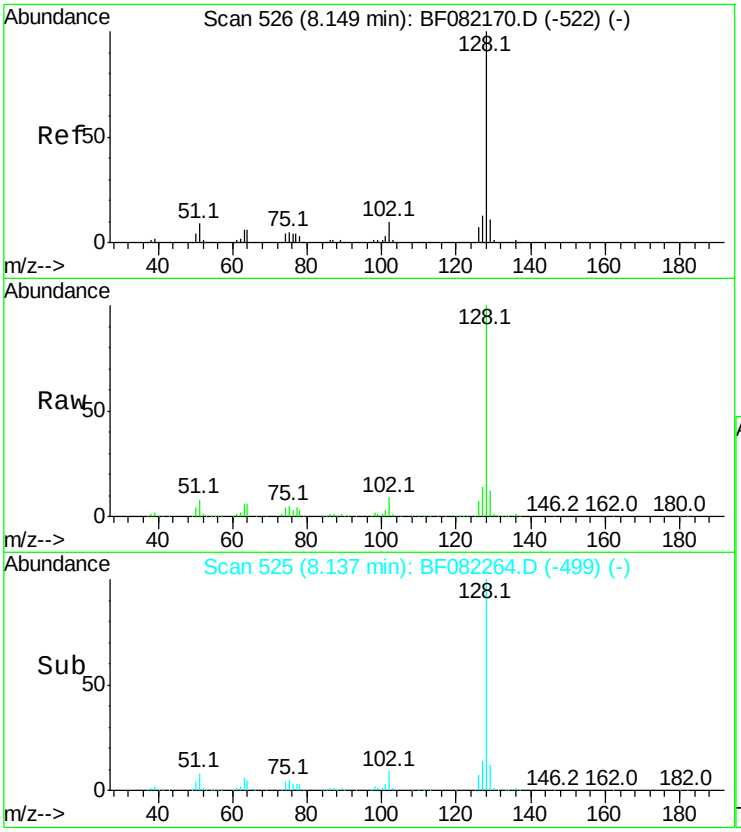


#30
1,2,4-Trichlorobenzene
Concen: 40.92 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:180 Resp: 182107

Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.0	115.4
145	30.1	25.0	37.4

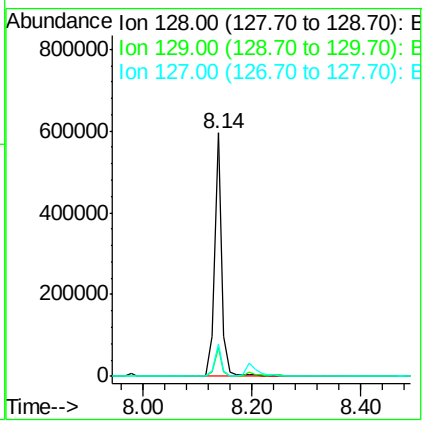




#31
Naphthalene
Concen: 44.03 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:128 Resp: 568482

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.6	10.7	16.1



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

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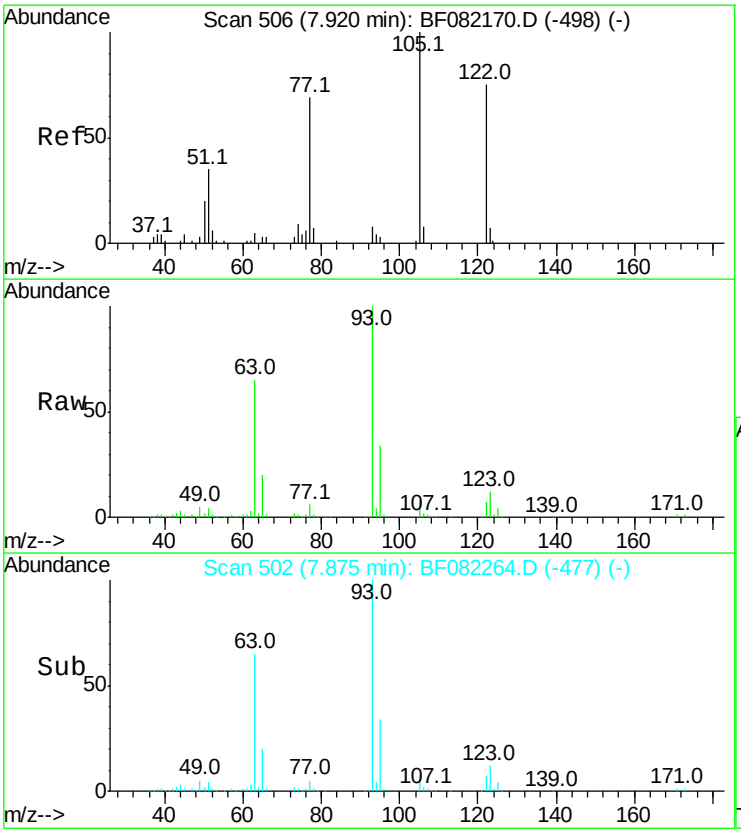
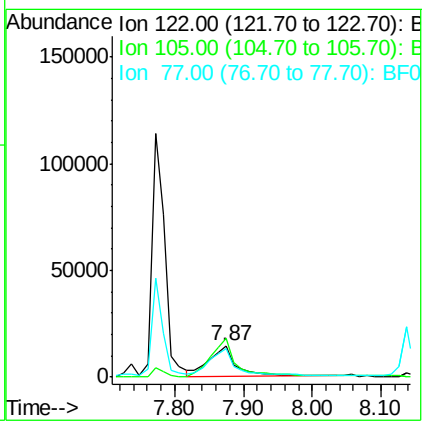
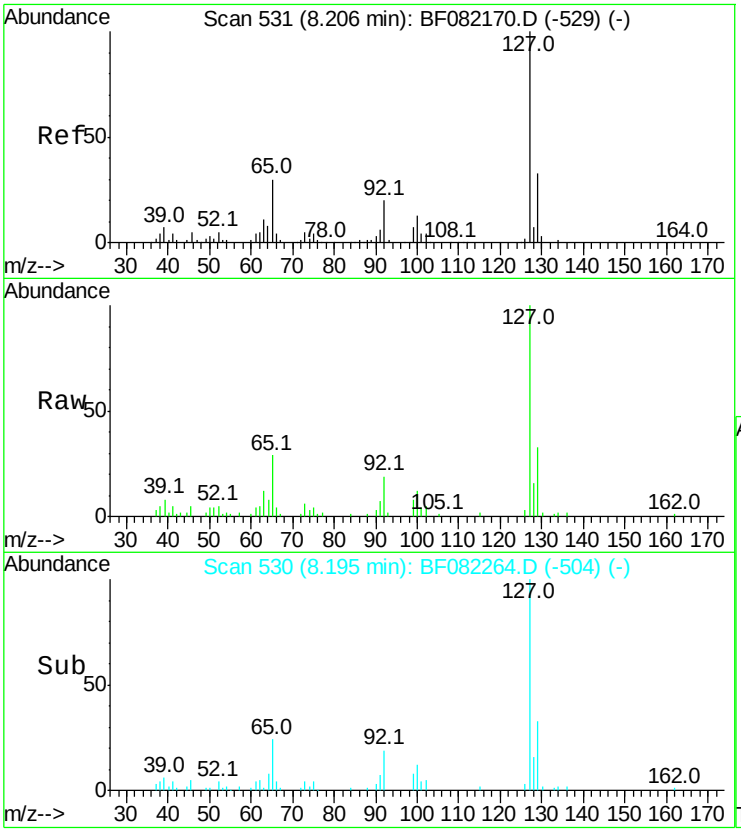


#32
Benzoic acid
Concen: 15.77 ng
RT: 7.87 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:122 Resp: 40879

Ion	Ratio	Lower	Upper
122	100		
105	123.0	104.4	144.4
77	90.0	69.0	109.0

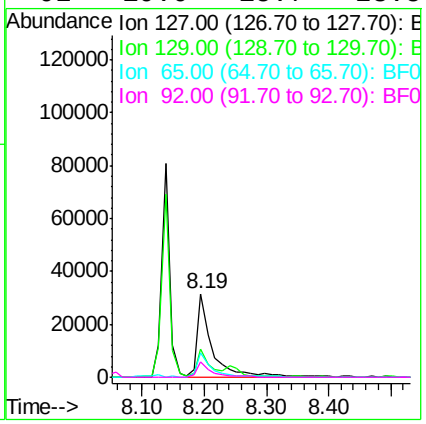




#33
4-Chloroaniline
Concen: 10.05 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:127 Resp: 53916

Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	29.0	24.4	36.6
92	19.0	15.7	23.5



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

Manual Integrations APPROVED
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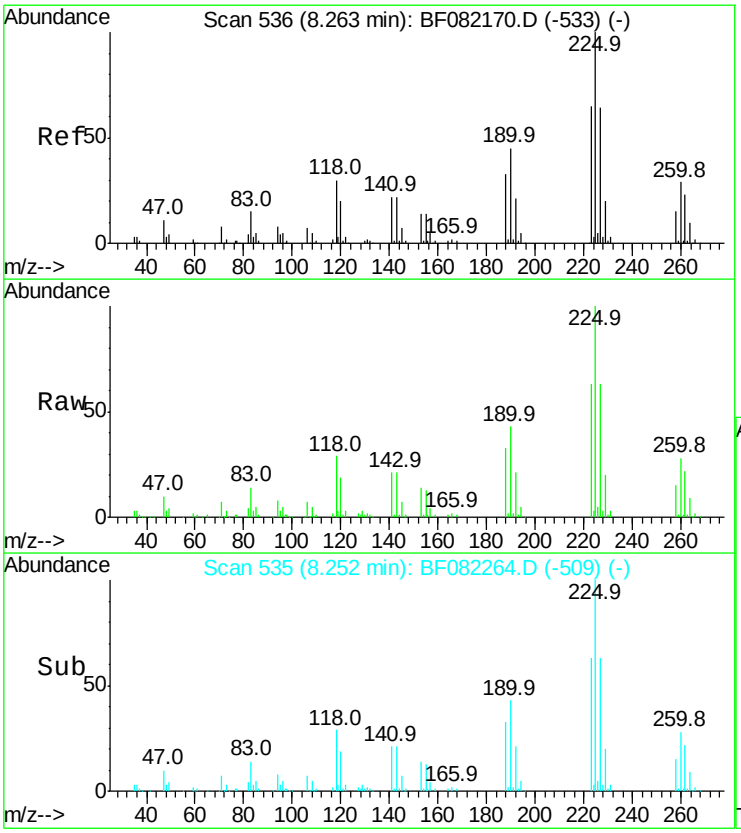
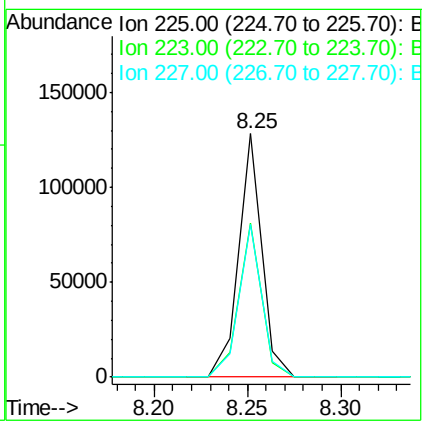
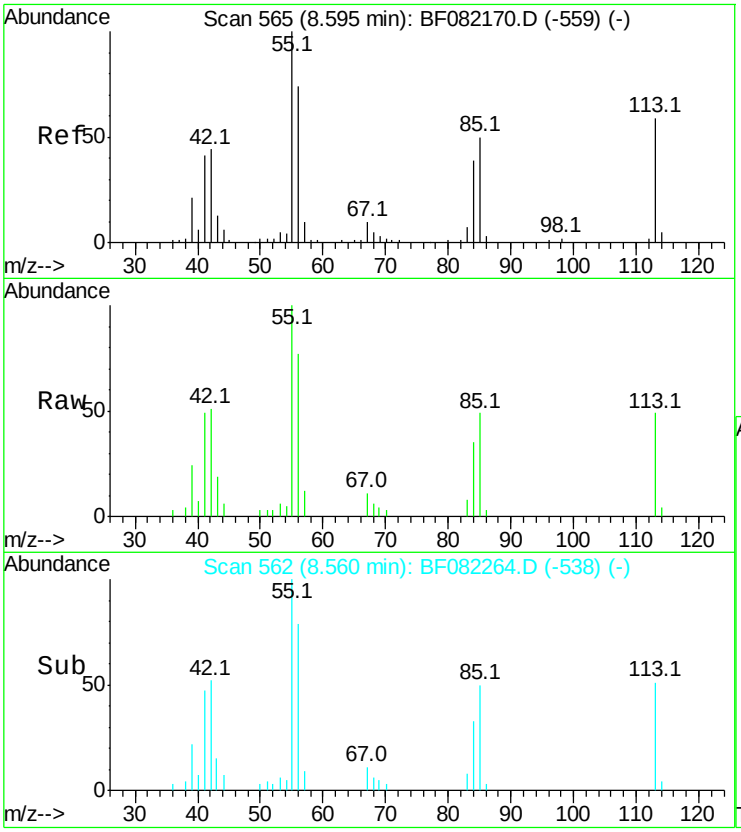


#34
Hexachlorobutadiene
Concen: 40.30 ng
RT: 8.25 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:225 Resp: 111739

Ion	Ratio	Lower	Upper
225	100		
223	63.3	52.2	78.2
227	62.6	51.3	76.9

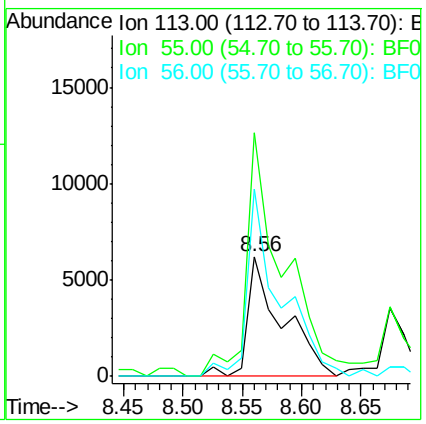




#35
Caprolactam
Concen: 11.37 ng
RT: 8.56 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:113 Resp: 12735

Ion	Ratio	Lower	Upper
113	100		
55	202.8	149.7	189.7#
56	155.9	105.4	145.4#



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

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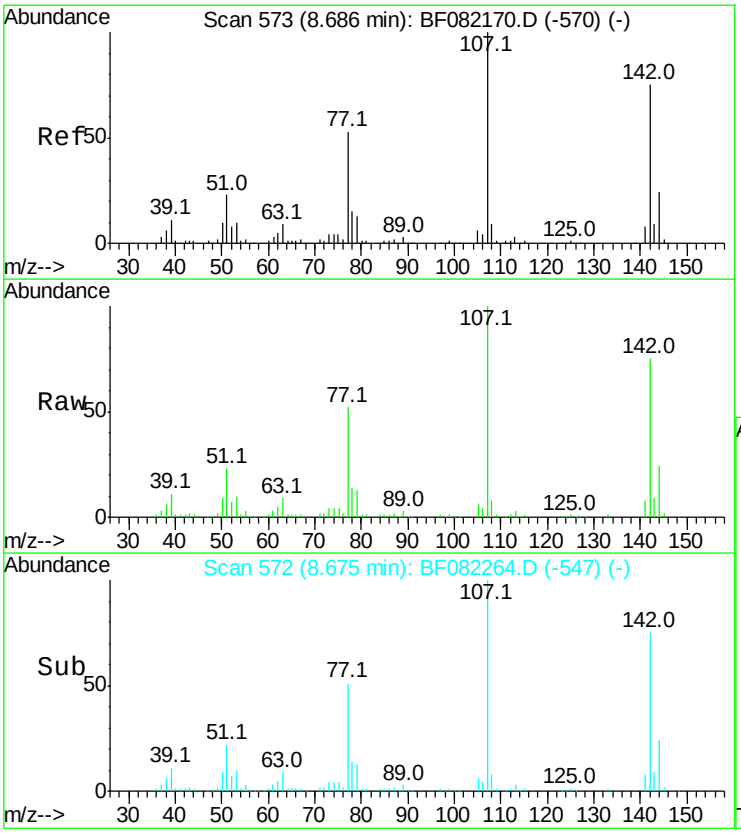
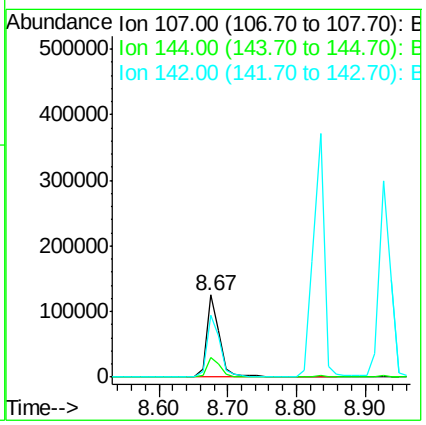
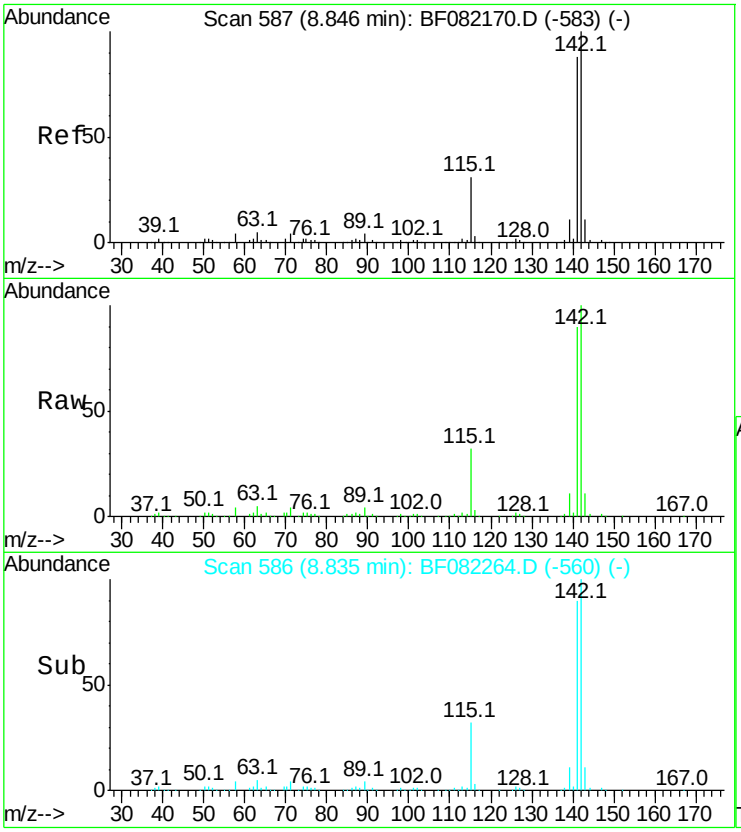


#36
4-Chloro-3-methylphenol
Concen: 43.50 ng
RT: 8.67 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:107 Resp: 164223

Ion	Ratio	Lower	Upper
107	100		
144	24.4	19.3	28.9
142	75.2	59.9	89.9

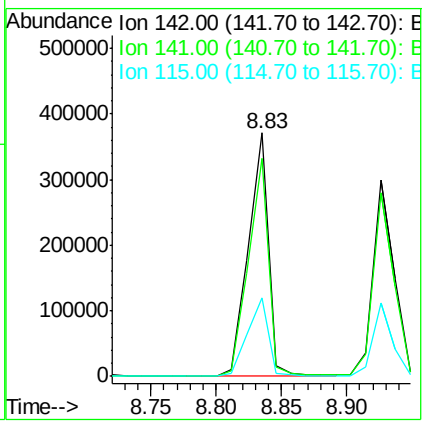




#37
2-Methylnaphthalene
Concen: 44.89 ng
RT: 8.83 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:142 Resp: 401794

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.4	105.6
115	32.1	24.6	37.0



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

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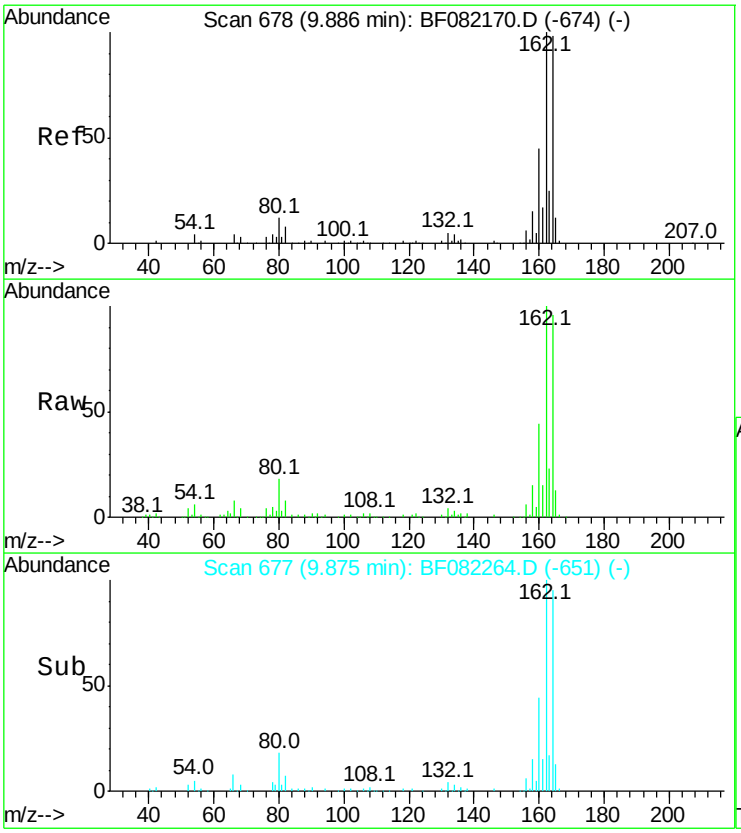
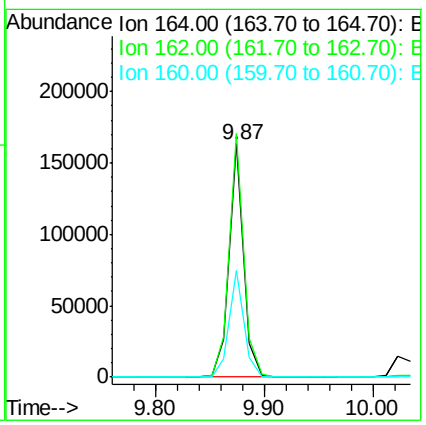
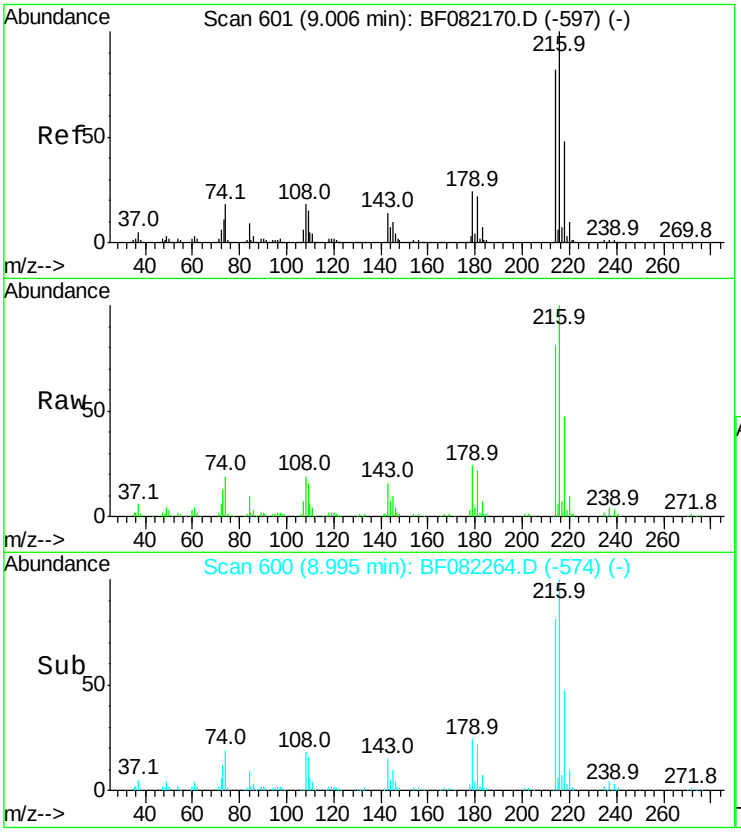


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:164 Resp: 149155

Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.6	122.4
160	45.5	36.4	54.6

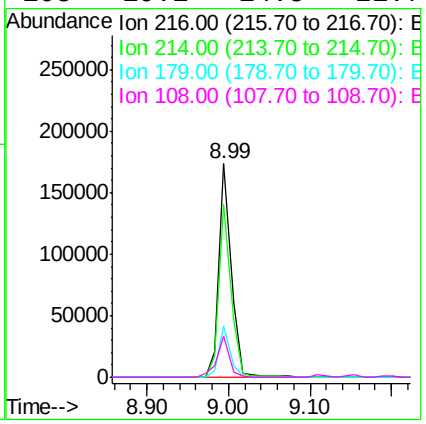




#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.99 ng
RT: 8.99 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:216 Resp: 181849

Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.6	97.0
179	21.4	17.6	26.4
108	19.1	14.5	21.7



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

Manual Integrations APPROVED
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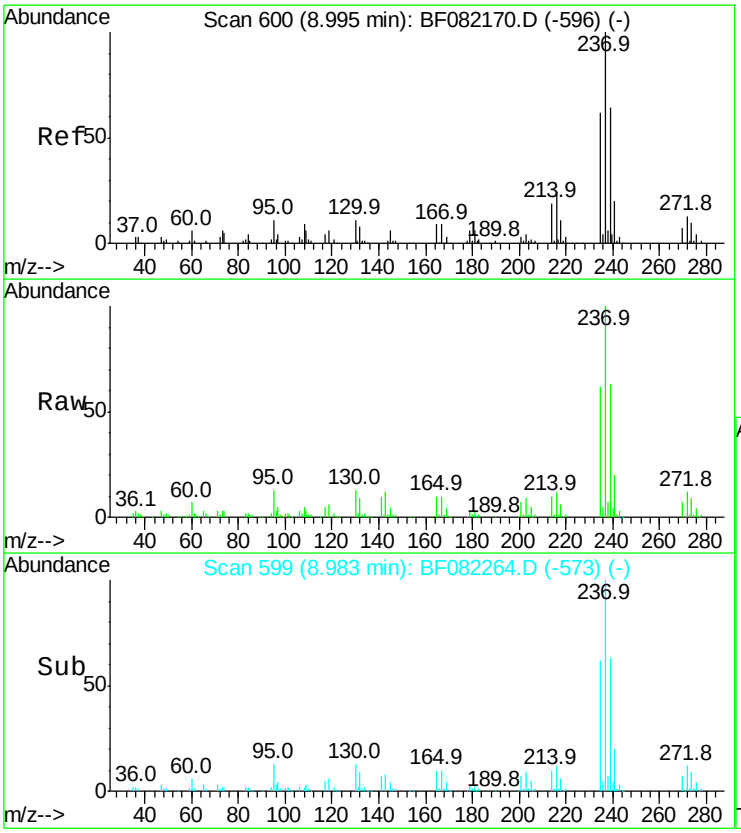
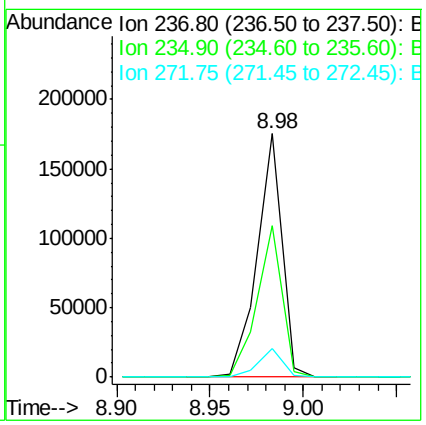
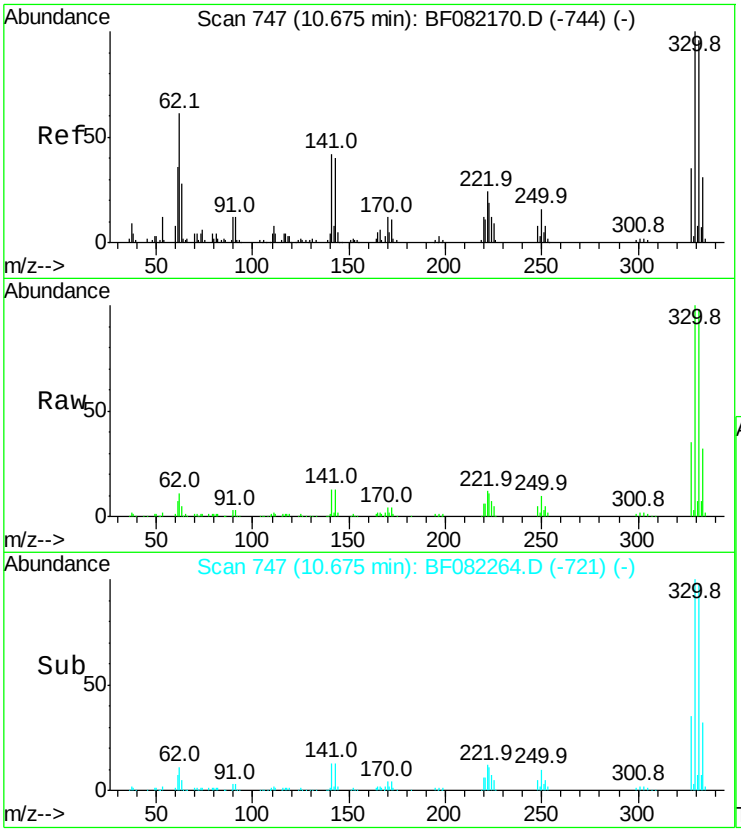


#40
Hexachlorocyclopentadiene
Concen: 72.38 ng
RT: 8.98 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:237 Resp: 160511

Ion	Ratio	Lower	Upper
237	100		
235	62.1	41.7	81.7
272	11.9	0.0	32.8

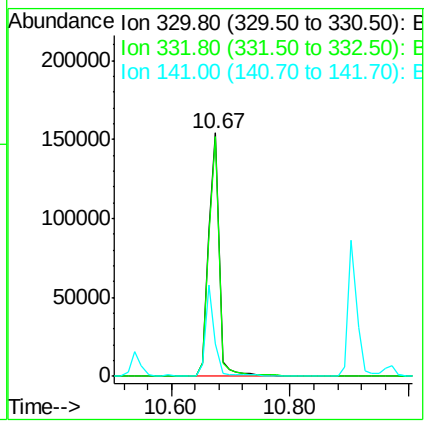




#41
2,4,6-Tribromophenol
Concen: 137.96 ng
RT: 10.67 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:330 Resp: 192976

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.1	115.7
141	32.7	29.8	44.8



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

Manual Integrations APPROVED
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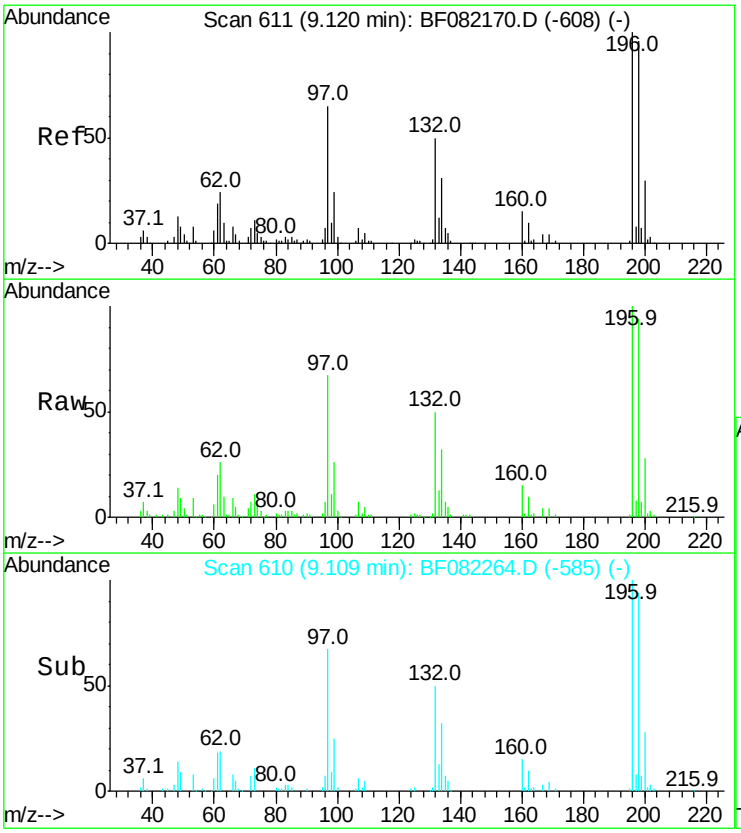
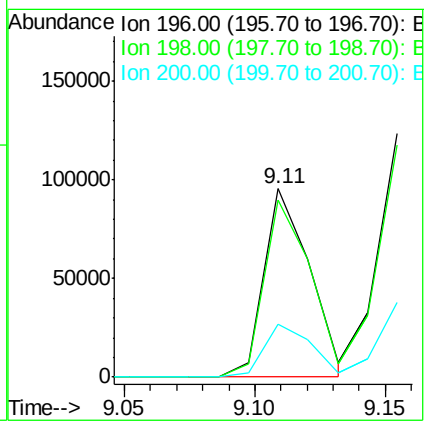
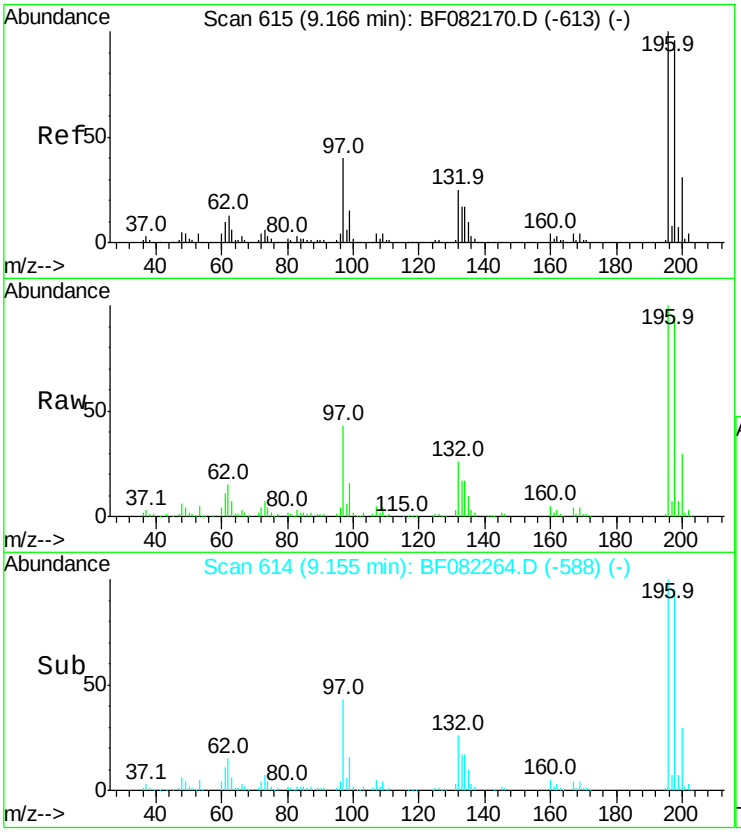


#42
2,4,6-Trichlorophenol
Concen: 39.47 ng
RT: 9.11 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:196 Resp: 116296

Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.6	115.0
200	28.2	23.7	35.5

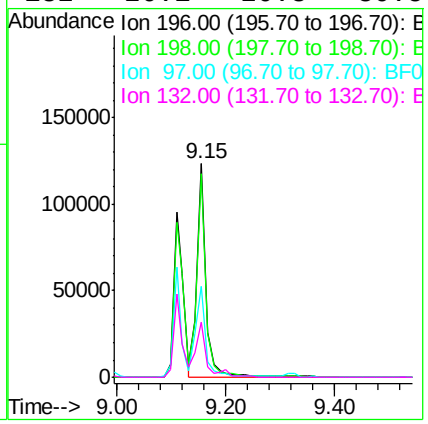




#43
2,4,5-Trichlorophenol
Concen: 43.65 ng
RT: 9.15 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:196 Resp: 139336

Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.0	115.4
97	42.6	31.9	47.9
132	26.1	20.3	30.5



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

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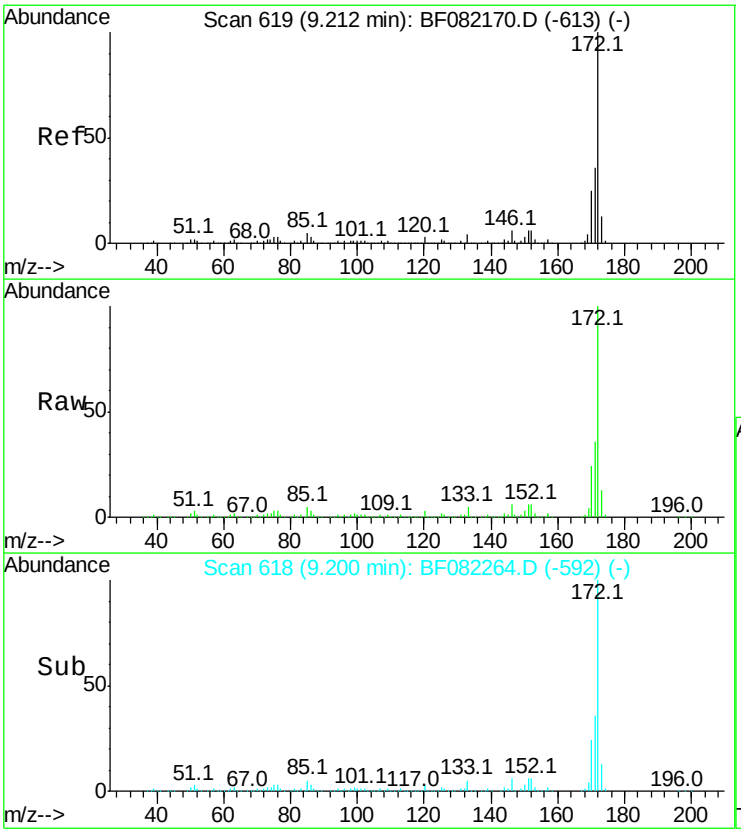
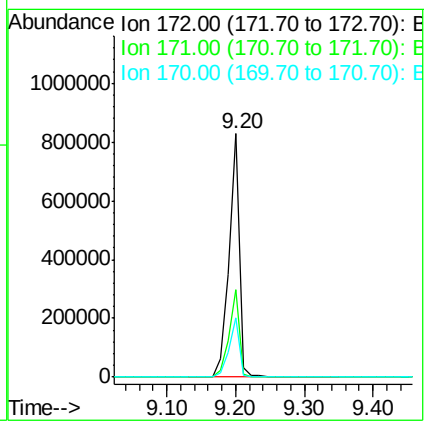
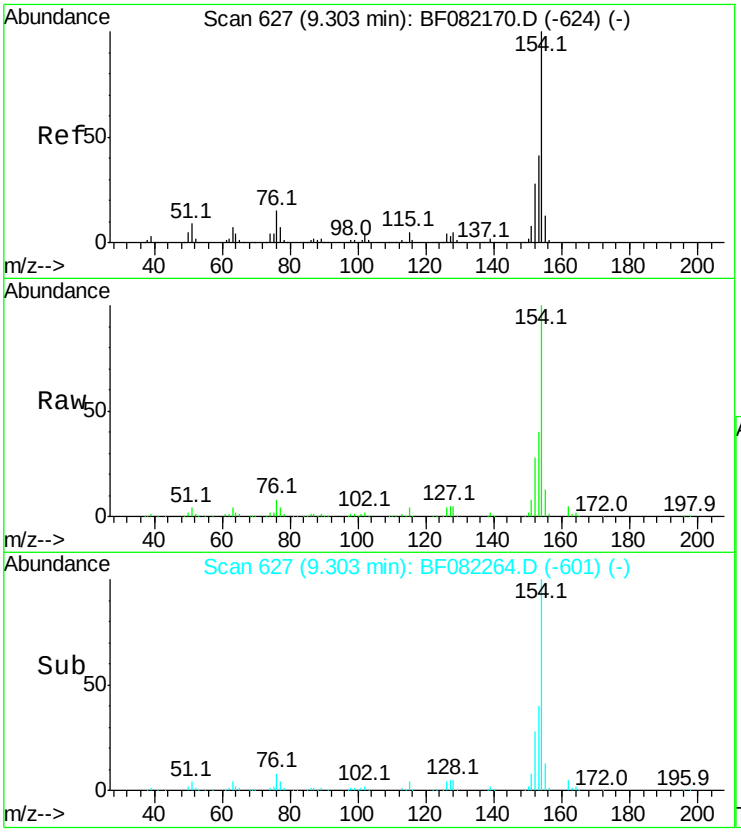


#44
2-Fluorobiphenyl
Concen: 98.85 ng
RT: 9.20 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:172 Resp: 889020

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	24.4	19.7	29.5

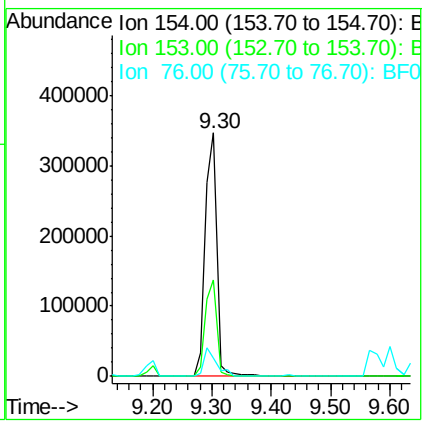




#45
1,1'-Biphenyl
Concen: 41.83 ng
RT: 9.30 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:154 Resp: 475783

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.6	60.6
76	7.6	0.0	35.2



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

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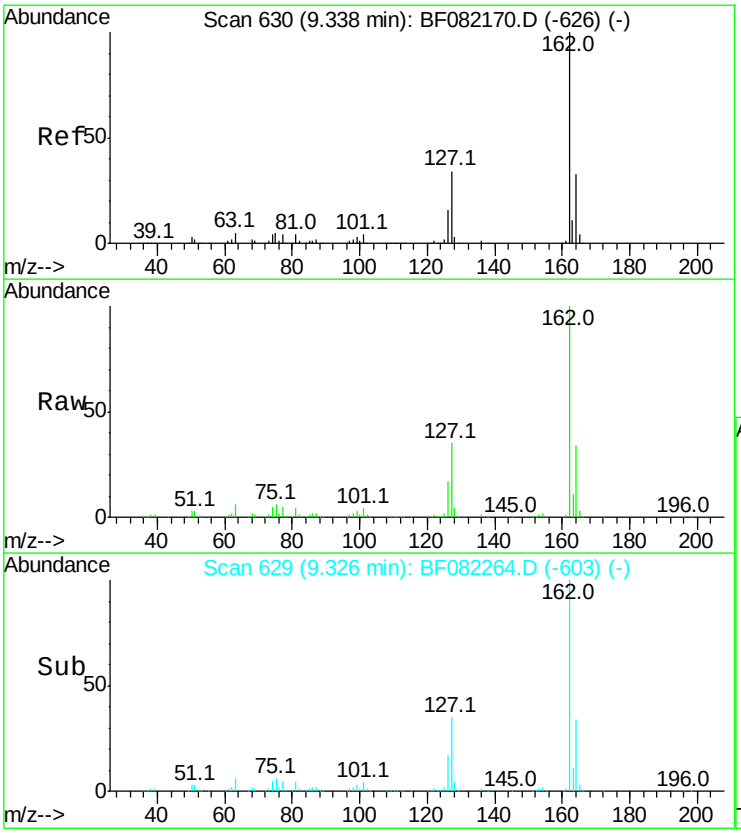
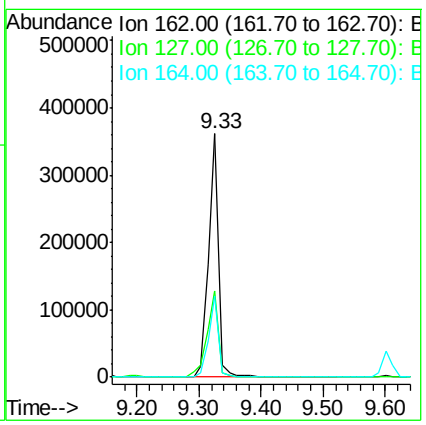
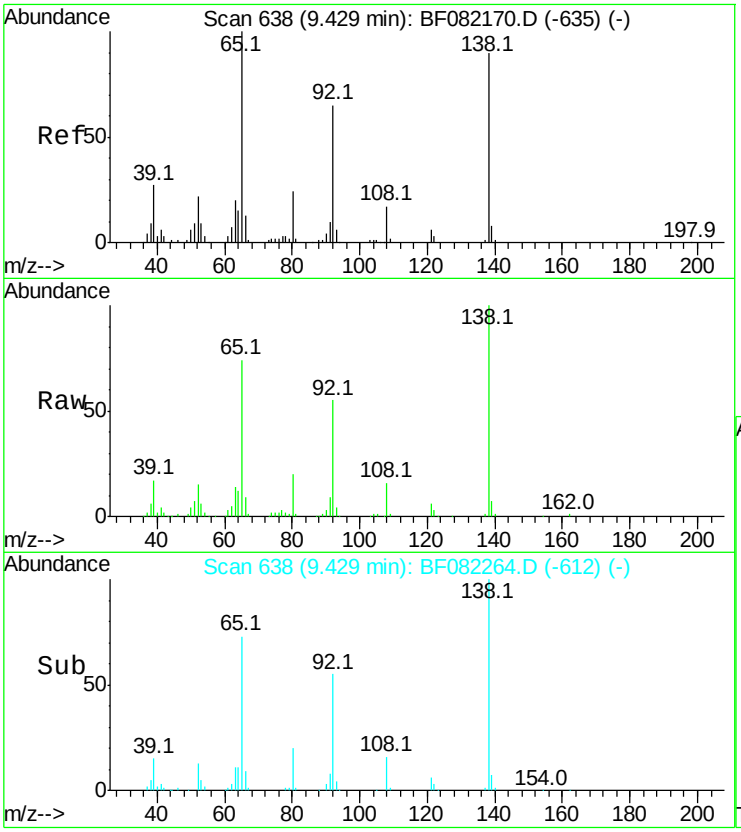


#46
2-Chloronaphthalene
Concen: 44.78 ng
RT: 9.33 min Scan# 629
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:162 Resp: 400971

Ion	Ratio	Lower	Upper
162	100		
127	35.4	27.5	41.3
164	33.5	26.6	39.8

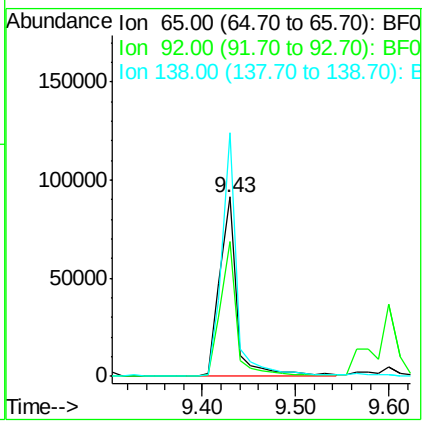




#47
2-Nitroaniline
Concen: 47.91 ng
RT: 9.43 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion: 65 Resp: 117763

Ion	Ratio	Lower	Upper
65	100		
92	75.2	52.3	78.5
138	136.0	72.2	108.4#



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

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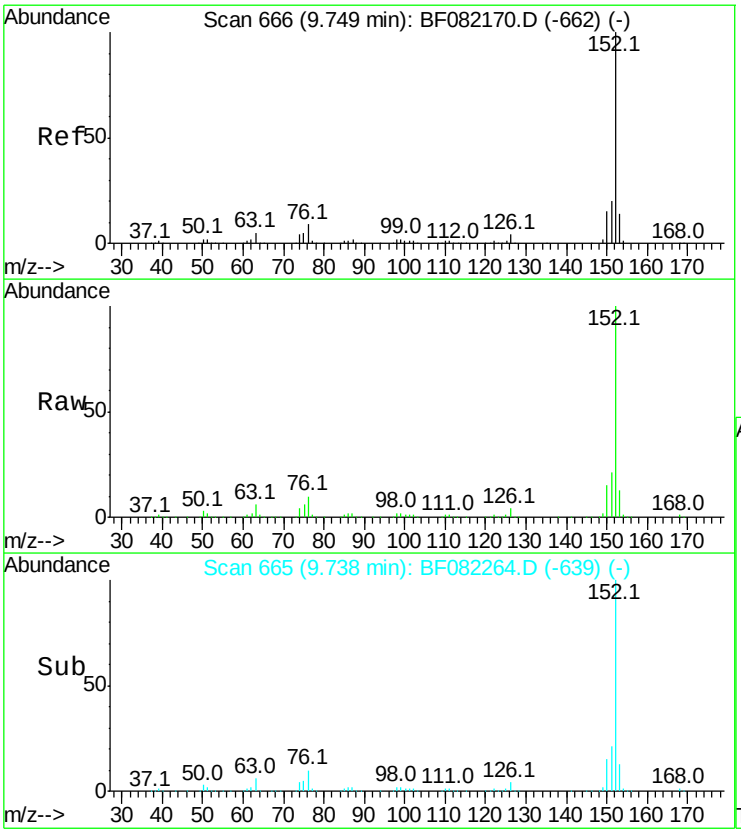
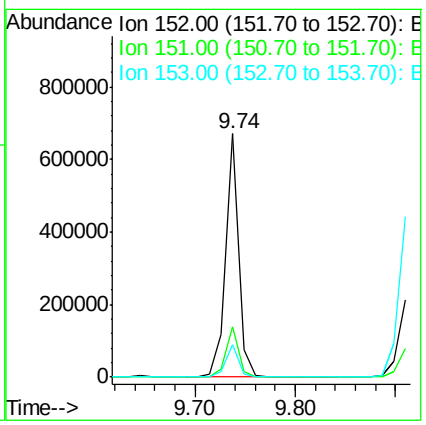
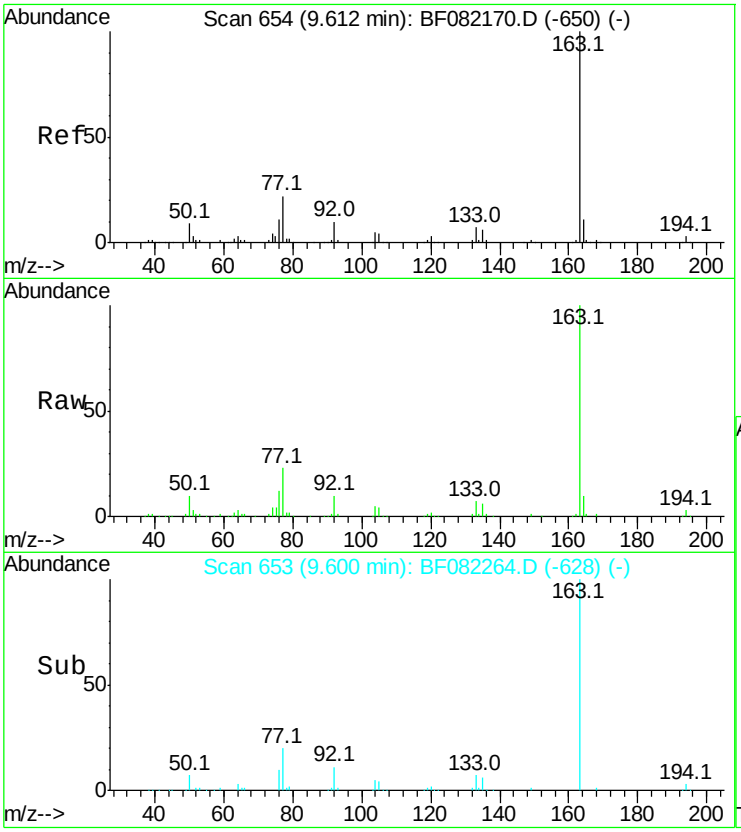


#48
Acenaphthylene
Concen: 43.57 ng
RT: 9.74 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:152 Resp: 607736

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	13.5	10.8	16.2

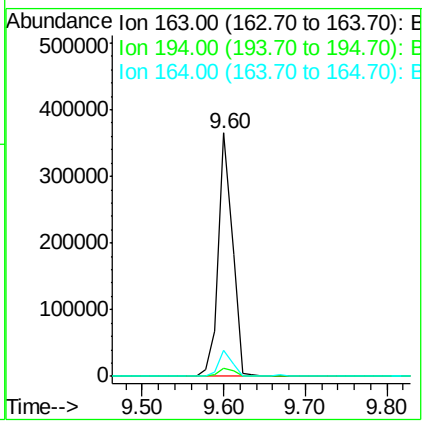




#49
Dimethylphthalate
Concen: 41.63 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:163 Resp: 437223

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.4	8.5	12.7



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

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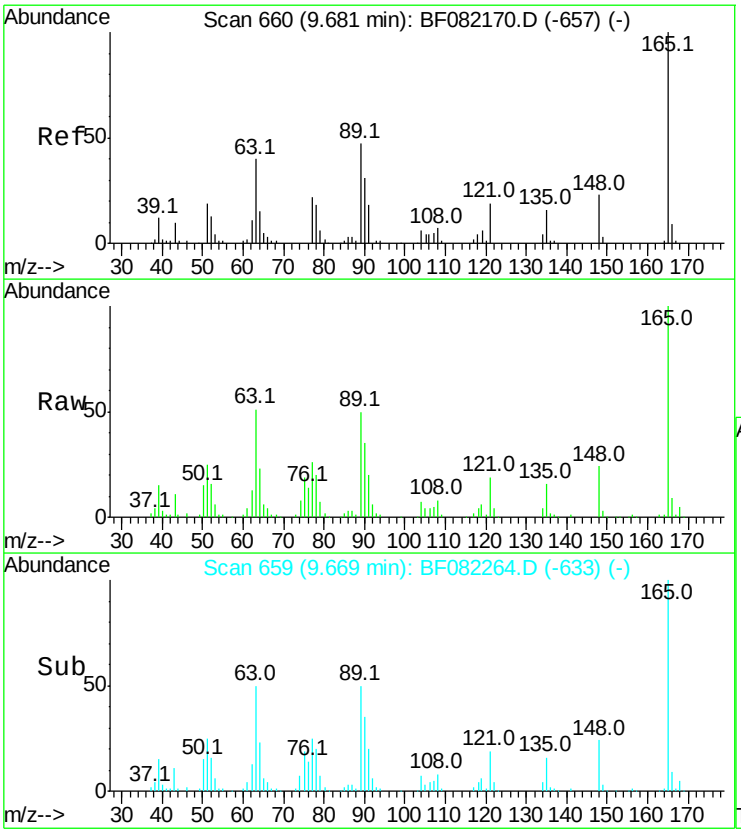
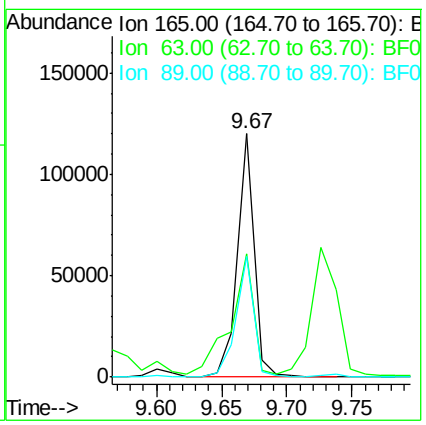
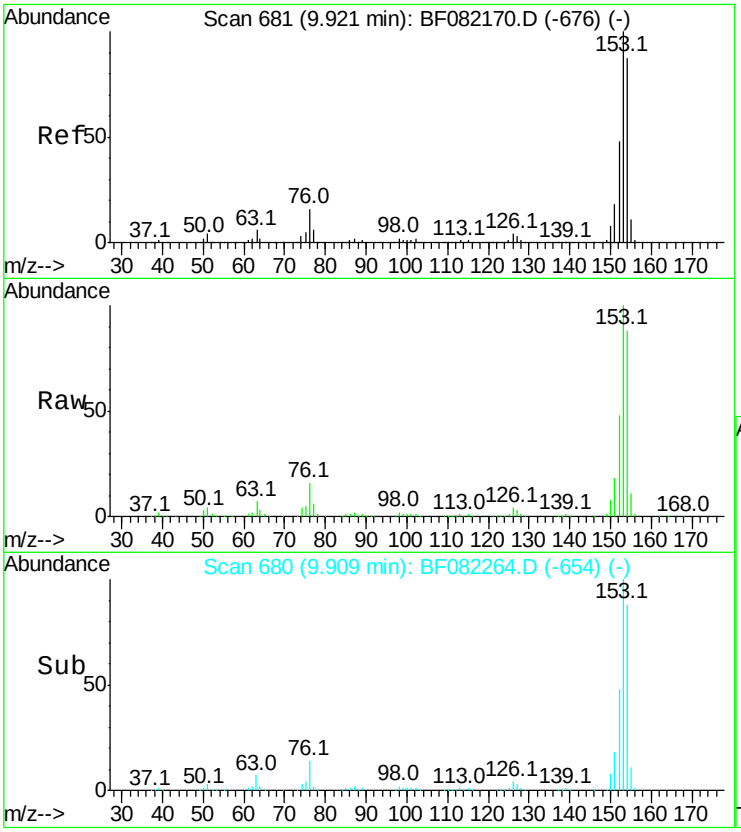


#50
2,6-Dinitrotoluene
Concen: 48.31 ng
RT: 9.67 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:165 Resp: 107065

Ion	Ratio	Lower	Upper
165	100		
63	50.5	36.7	55.1
89	49.8	37.8	56.6

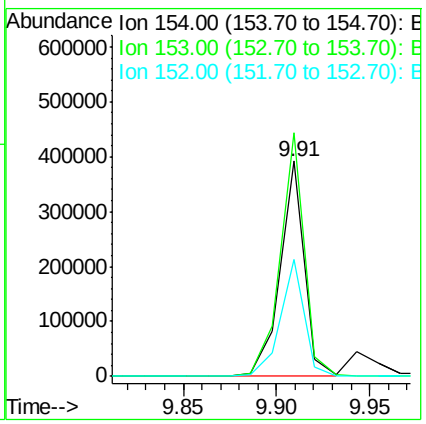




#51
Acenaphthene
Concen: 42.13 ng
RT: 9.91 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:154 Resp: 352795

Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.4	137.2
152	54.6	44.3	66.5



Instrument :
BNA_F
ClientSampleId :
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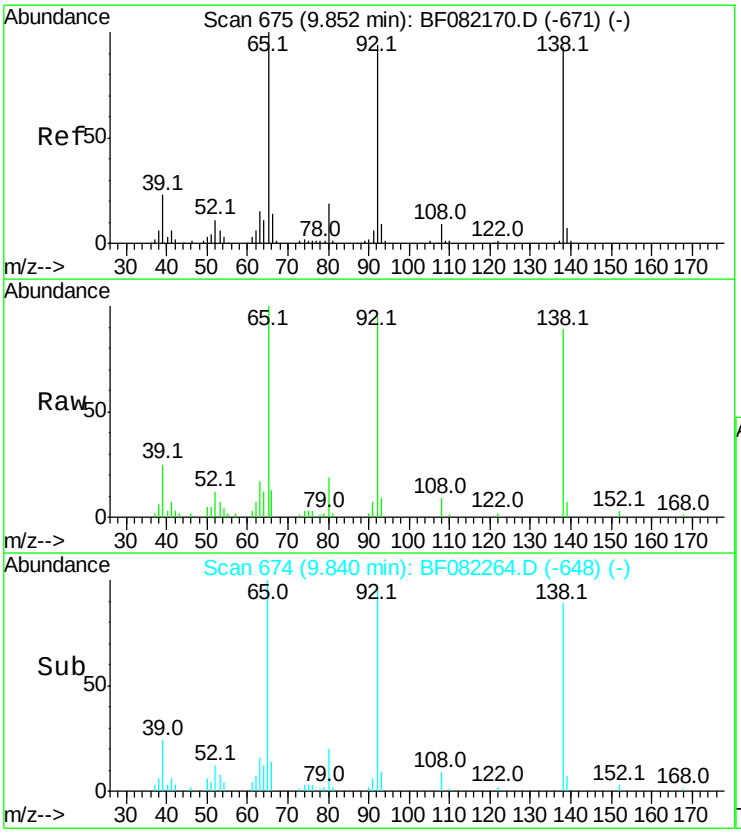
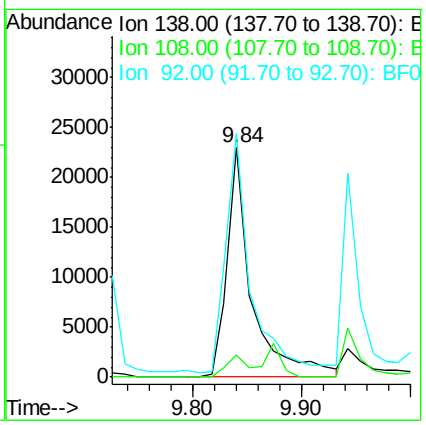
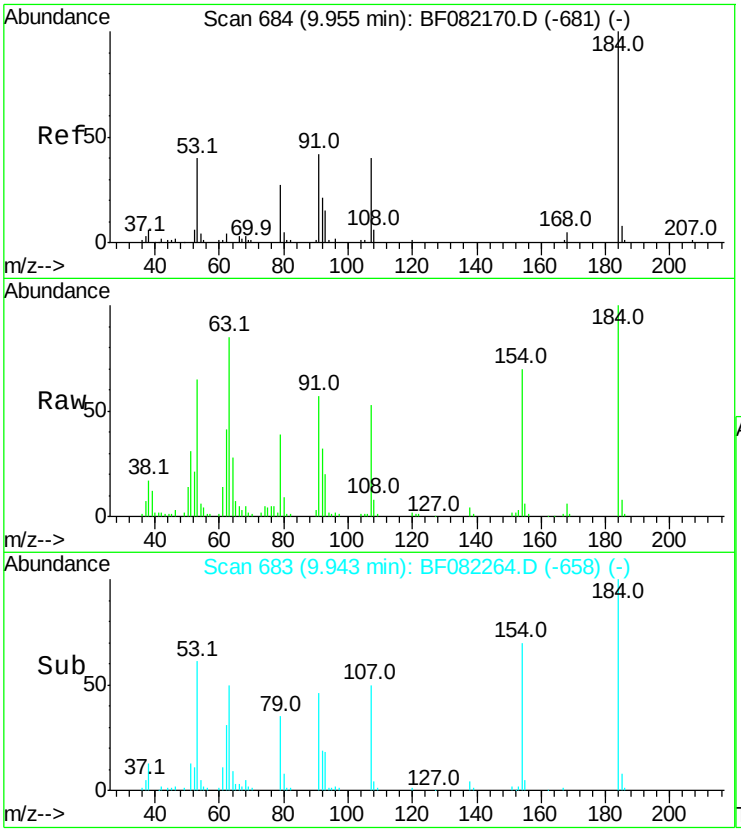


#52
3-Nitroaniline
Concen: 14.45 ng
RT: 9.84 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:138 Resp: 36165

Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.4	11.0
92	106.2	81.3	121.9

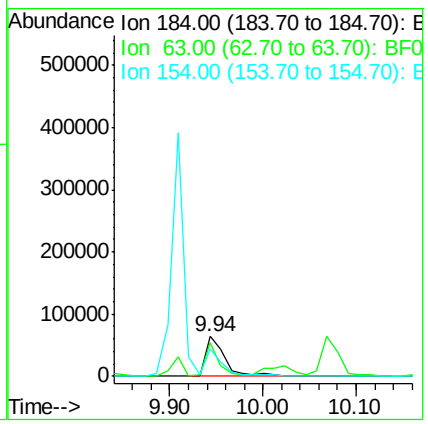




#53
2,4-Dinitrophenol
Concen: 77.53 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:184 Resp: 95749

Ion	Ratio	Lower	Upper
184	100		
63	85.0	45.1	67.7#
154	70.4	51.2	76.8



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

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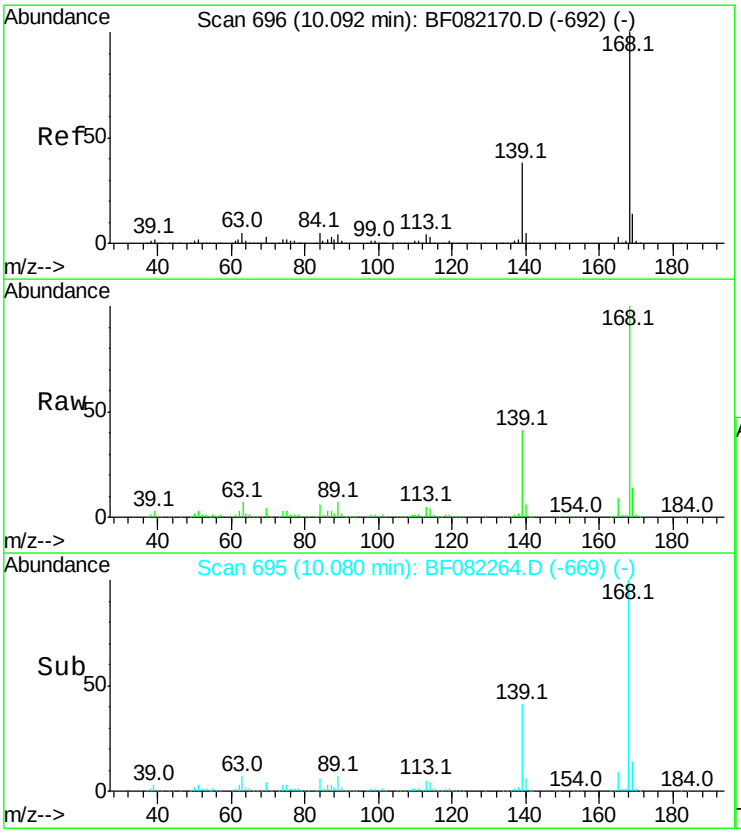
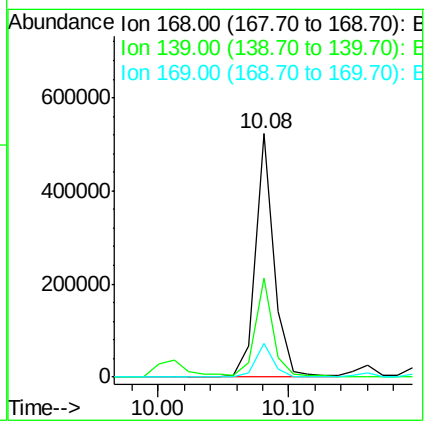
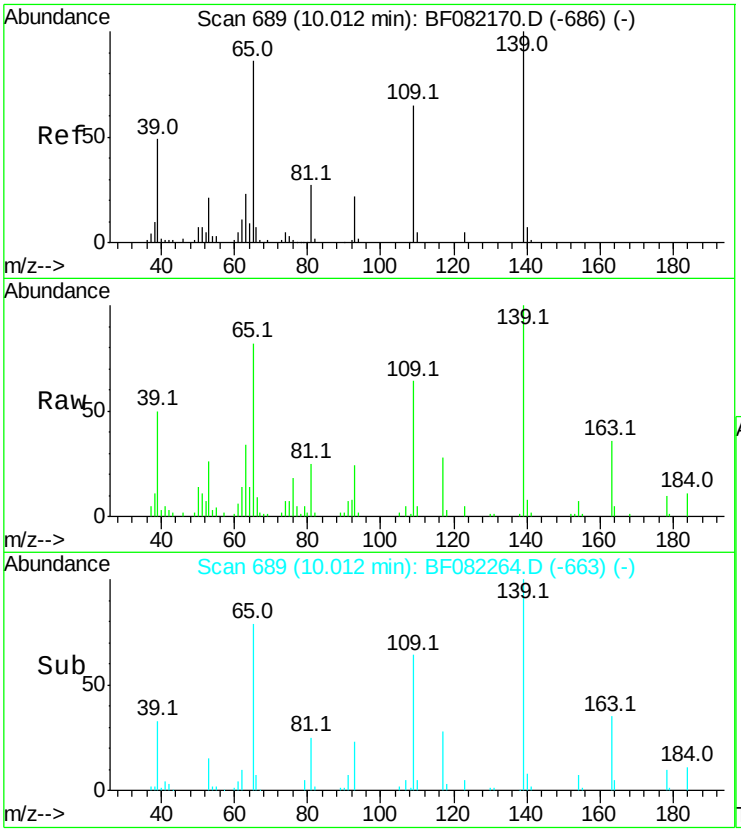


#54
Dibenzofuran
Concen: 45.26 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:168 Resp: 520330

Ion	Ratio	Lower	Upper
168	100		
139	40.7	31.0	46.6
169	13.6	10.9	16.3

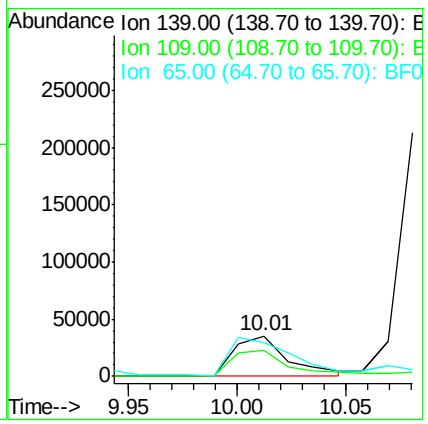




#55
4-Nitrophenol
Concen: 43.36 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:139 Resp: 61431

Ion	Ratio	Lower	Upper
139	100		
109	63.8	44.8	84.8
65	82.3	67.7	107.7



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

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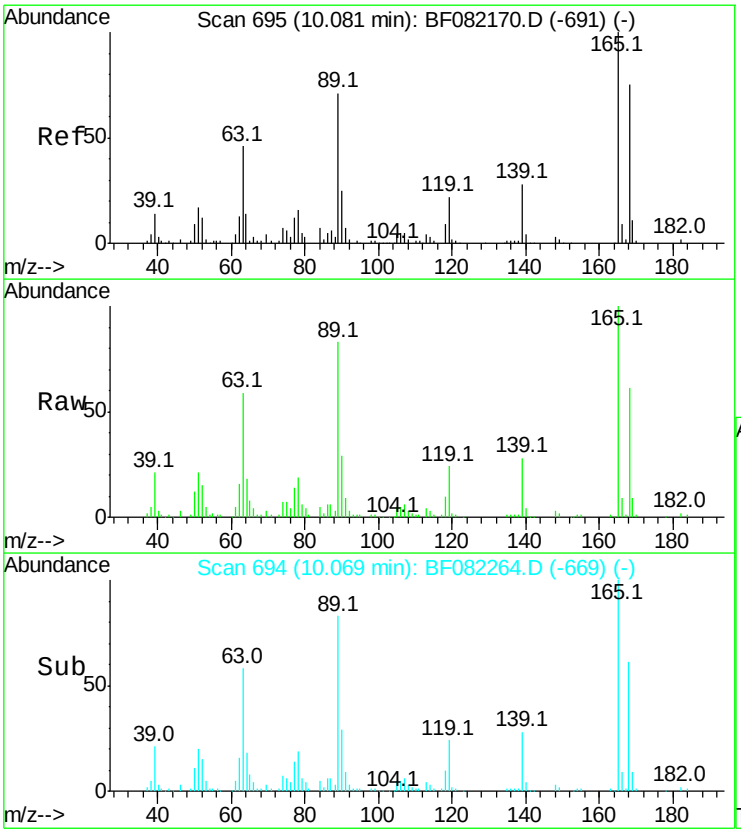
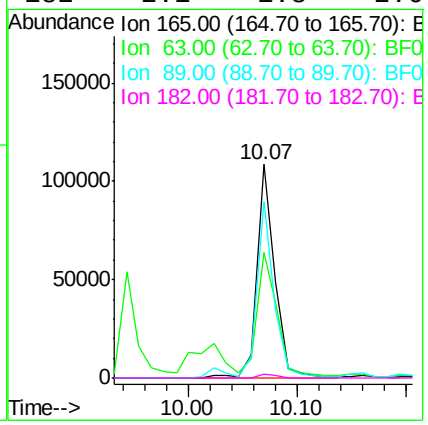
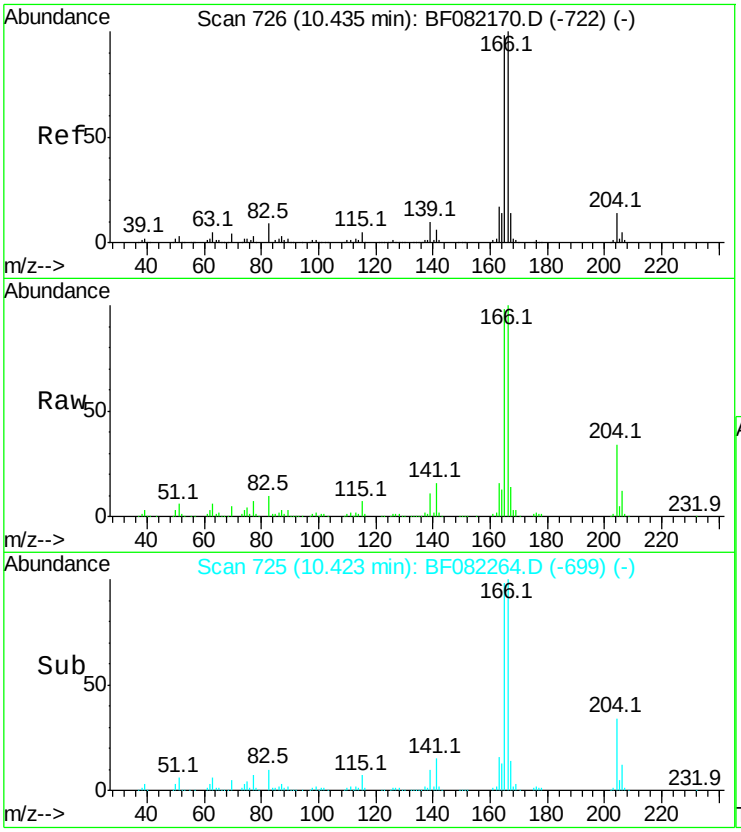


#56
2,4-Dinitrotoluene
Concen: 45.10 ng
RT: 10.07 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:165 Resp: 124928

Ion	Ratio	Lower	Upper
165	100		
63	58.7	38.6	58.0#
89	82.6	57.0	85.6
182	2.1	1.8	2.6

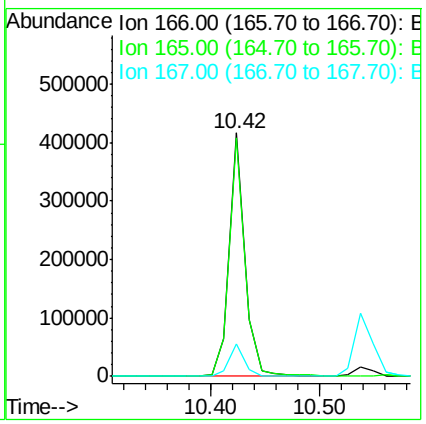




#57
Fluorene
Concen: 43.96 ng
RT: 10.42 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:166 Resp: 415092

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.3	117.5
167	13.6	10.8	16.2



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

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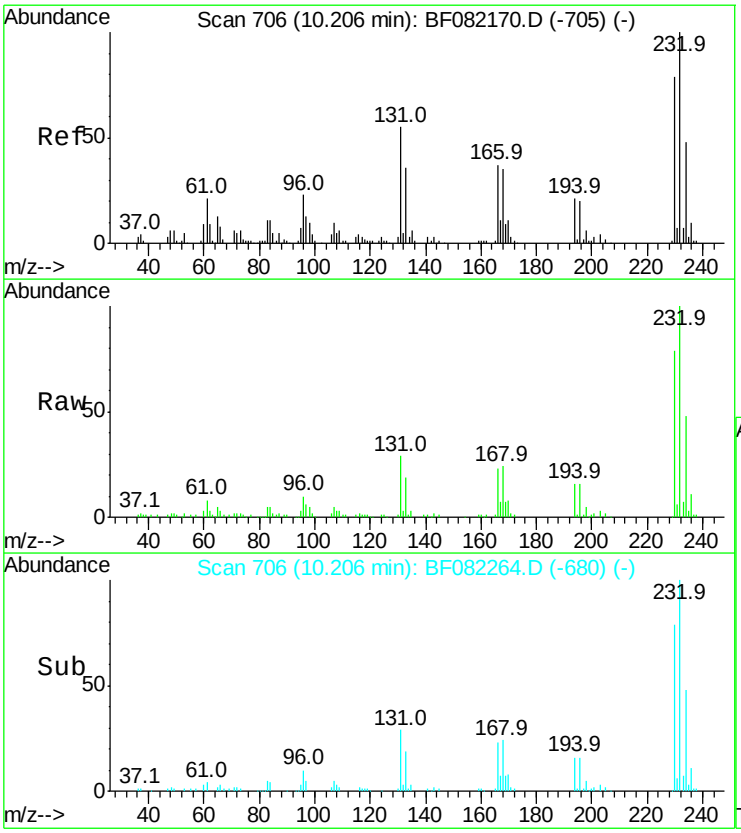
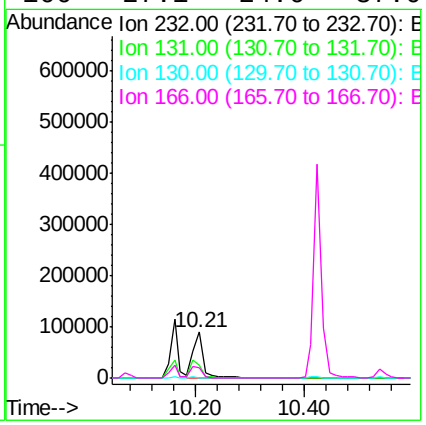
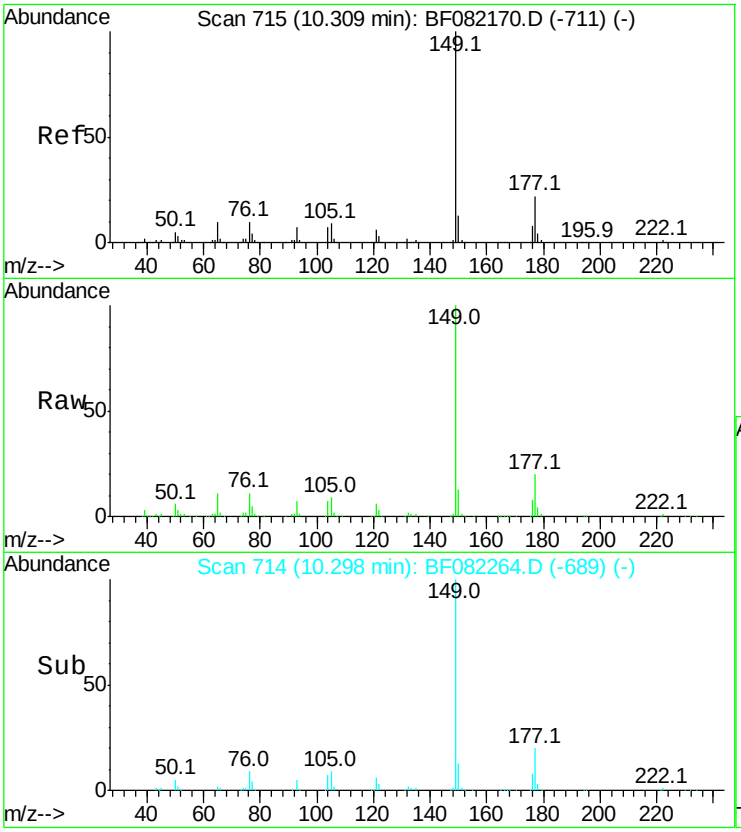


#58
2,3,4,6-Tetrachlorophenol
Concen: 45.13 ng
RT: 10.21 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:232 Resp: 117709

Ion	Ratio	Lower	Upper
232	100		
131	40.7	36.6	54.8
130	1.7	1.5	2.3
166	27.1	24.6	37.0

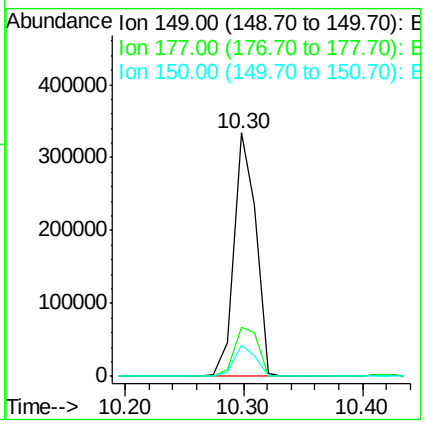




#59
Diethylphthalate
Concen: 43.78 ng
RT: 10.30 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:149 Resp: 428625

Ion	Ratio	Lower	Upper
149	100		
177	20.2	17.6	26.4
150	12.6	10.3	15.5



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

Manual Integrations APPROVED
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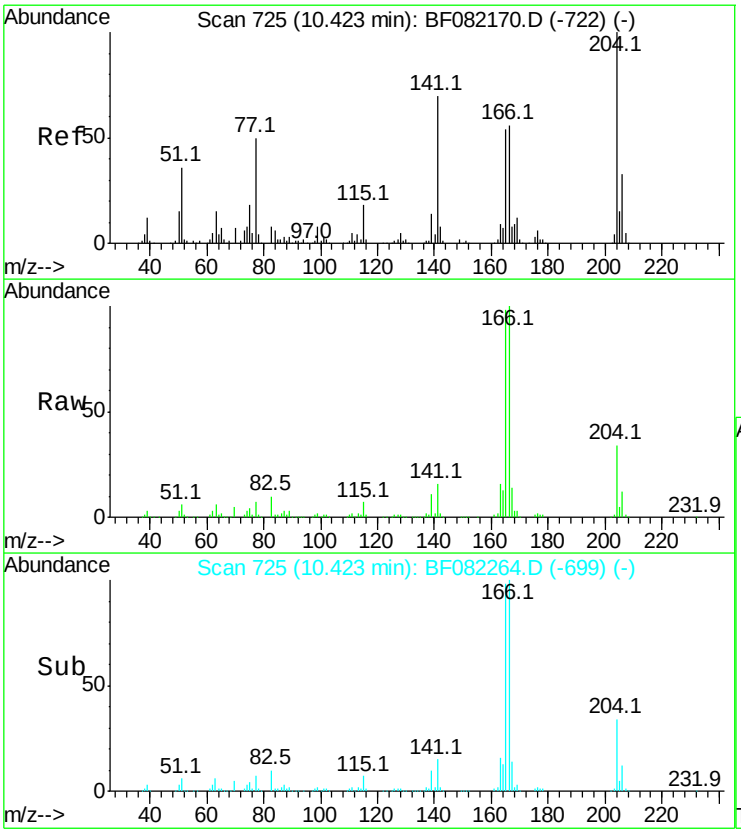
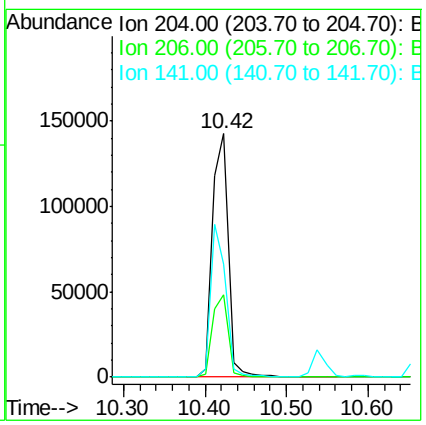
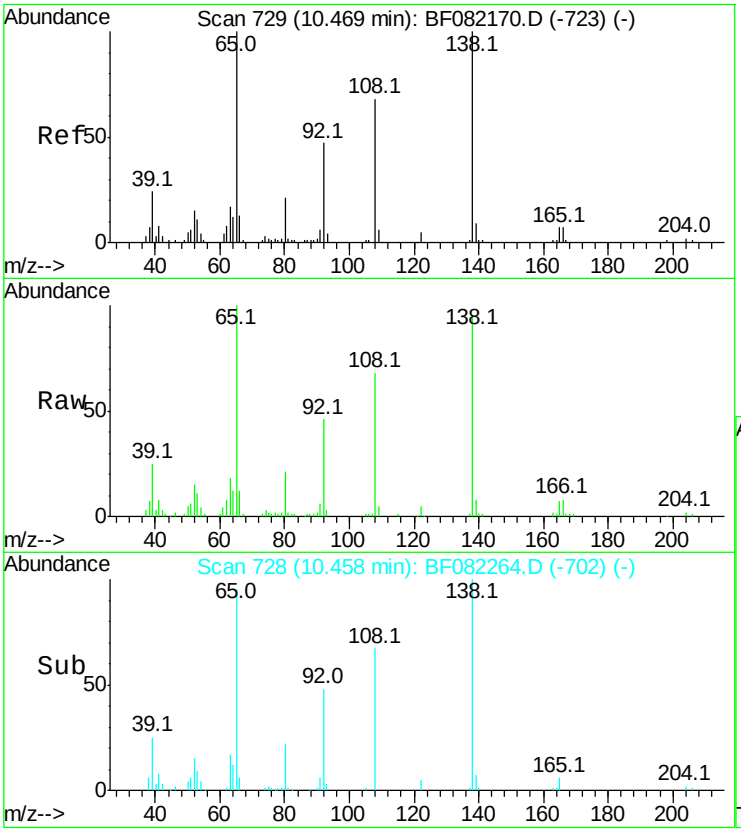


#60
4-Chlorophenyl-phenylether
Concen: 44.71 ng
RT: 10.42 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:204 Resp: 193387

Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.8	40.2
141	46.3	56.1	84.1#

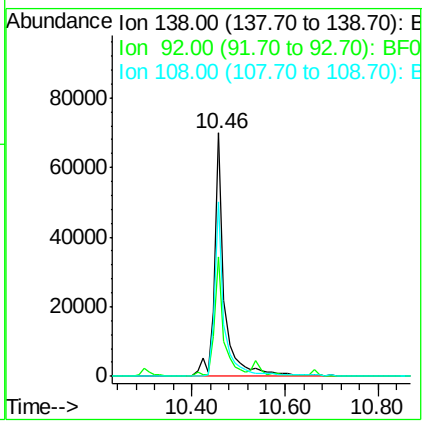




#61
4-Nitroaniline
Concen: 42.98 ng
RT: 10.46 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:138 Resp: 104360

Ion	Ratio	Lower	Upper
138	100		
92	48.9	26.8	66.8
108	71.6	48.4	88.4



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

Manual Integrations APPROVED
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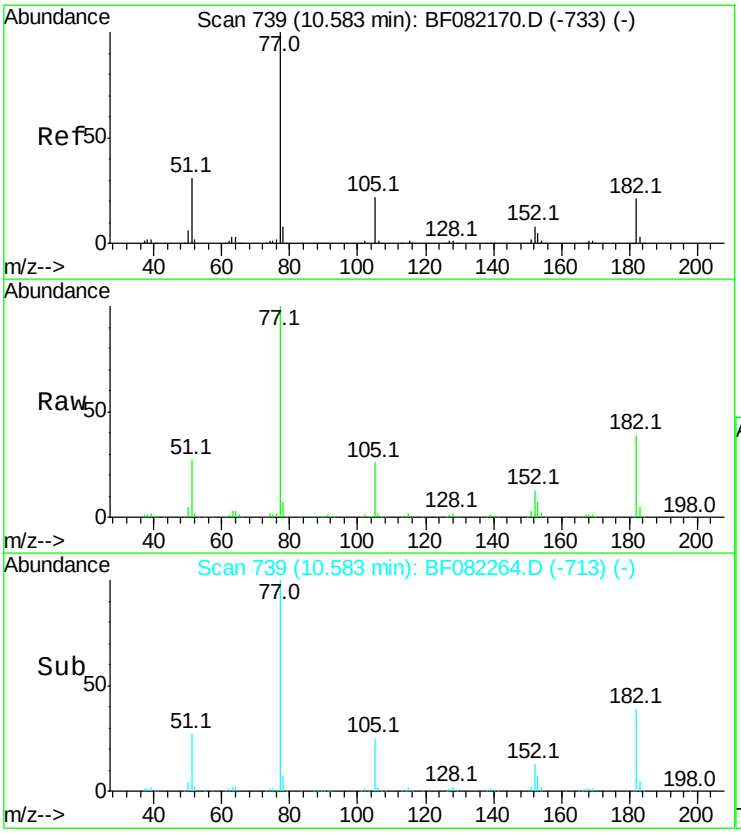
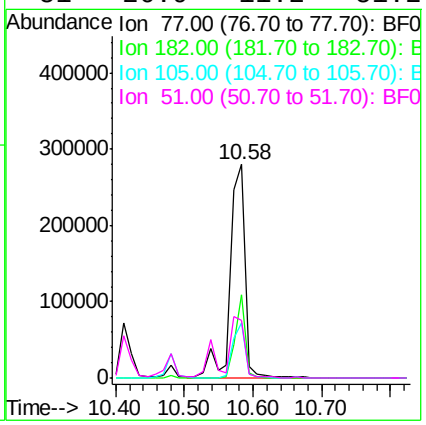
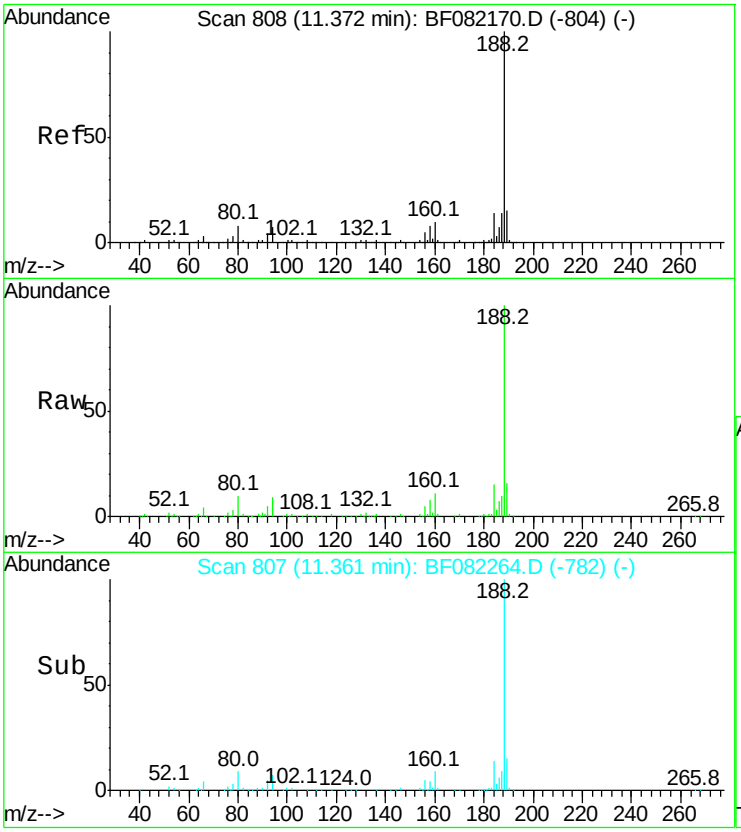


#62
Azobenzene
Concen: 44.88 ng
RT: 10.58 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion: 77 Resp: 430067

Ion	Ratio	Lower	Upper
77	100		
182	38.7	0.5	40.5
105	26.0	1.8	41.8
51	26.9	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: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:188 Resp: 289471

Ion	Ratio	Lower	Upper
188	100		
94	9.2	5.8	8.6#
80	9.6	6.4	9.6#

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

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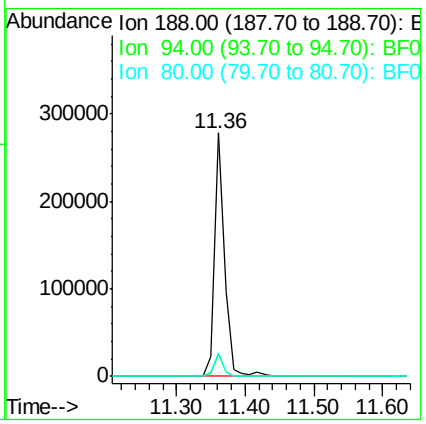
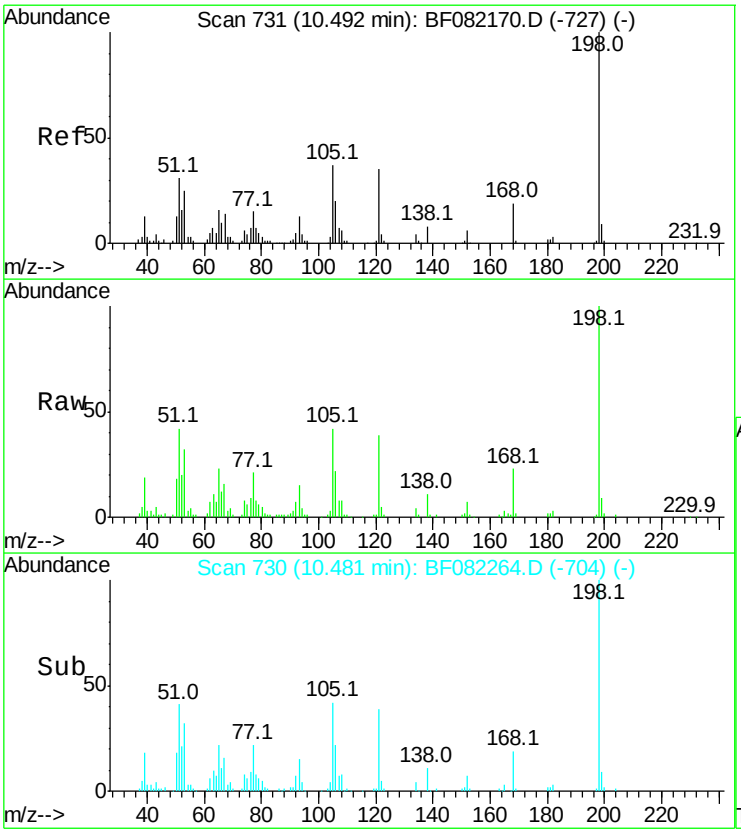
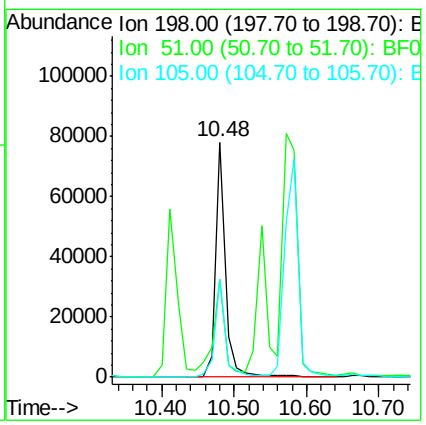


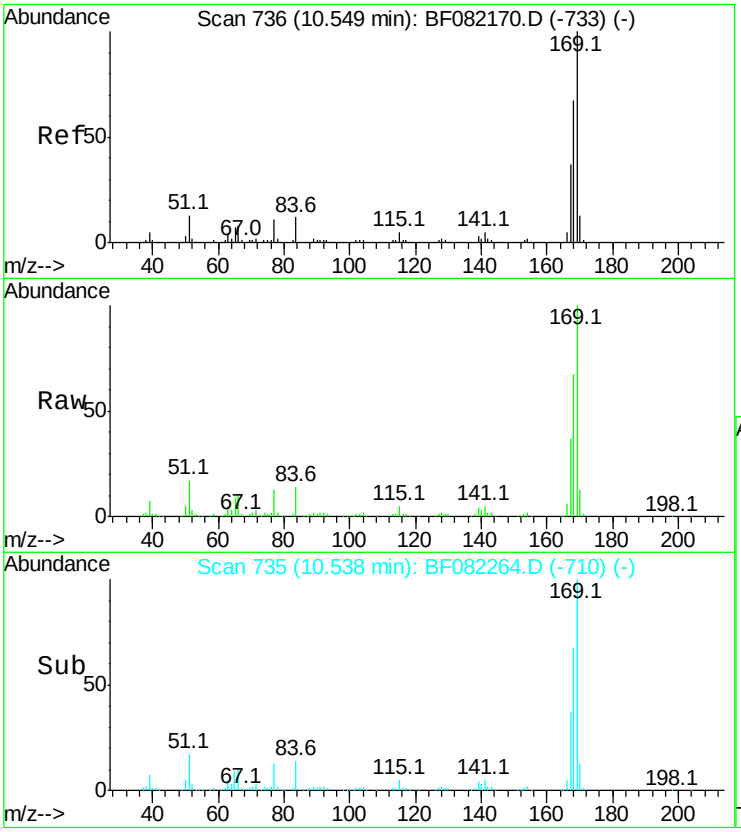


#64
4,6-Dinitro-2-methylphenol
Concen: 45.27 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:198 Resp: 73548

Ion	Ratio	Lower	Upper
198	100		
51	41.6	13.6	53.6
105	41.5	17.1	57.1

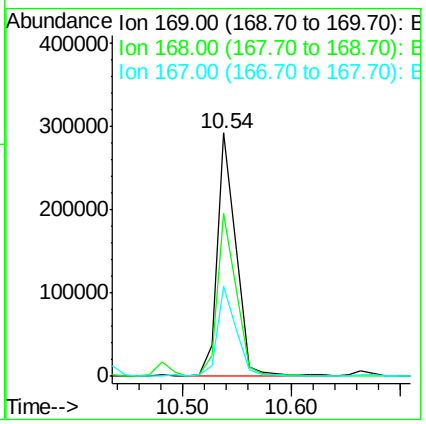




#65
n-Nitrosodiphenylamine
Concen: 40.31 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:169 Resp: 349360

Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.0	81.0
167	36.7	29.6	44.4



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

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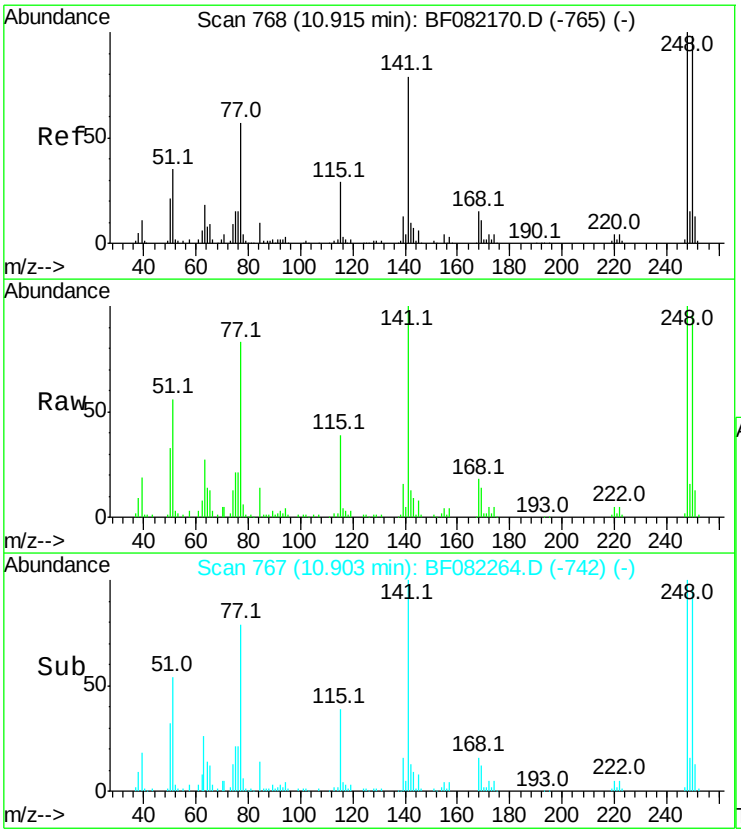
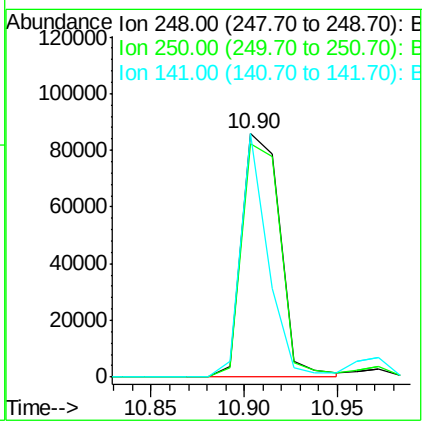
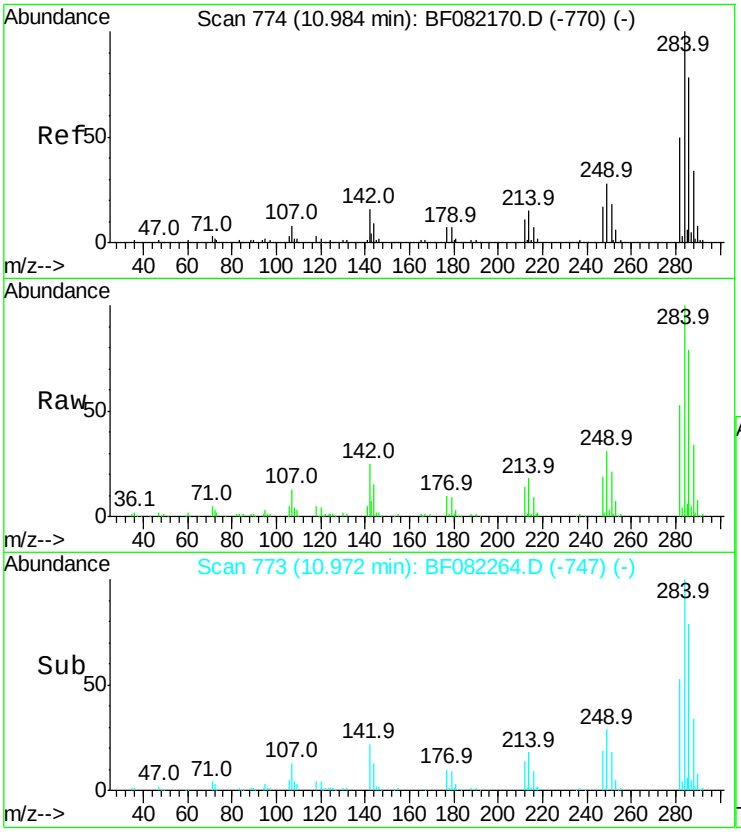


#66
4-Bromophenyl-phenylether
Concen: 41.94 ng
RT: 10.90 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:248 Resp: 121510

Ion	Ratio	Lower	Upper
248	100		
250	95.9	78.6	117.8
141	100.0	63.3	94.9#

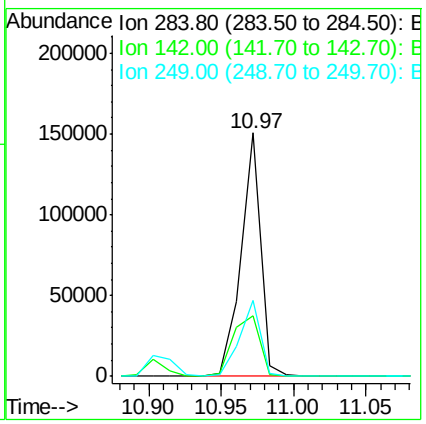




#67
Hexachlorobenzene
Concen: 45.15 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:284 Resp: 141473

Ion	Ratio	Lower	Upper
284	100		
142	24.7	13.0	19.6#
249	31.2	22.5	33.7



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

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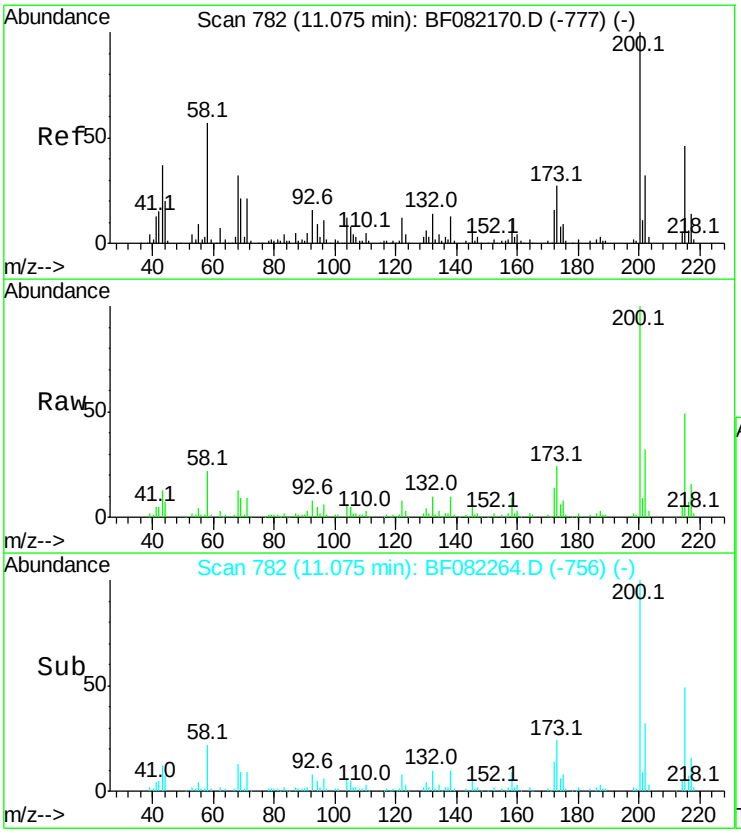
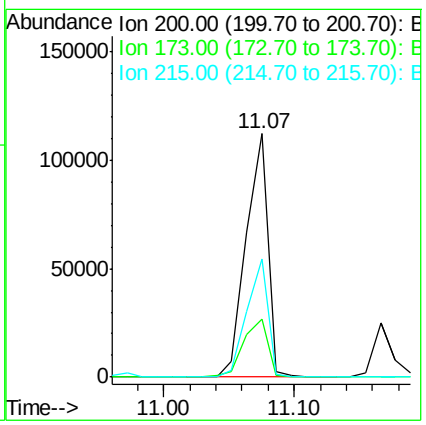
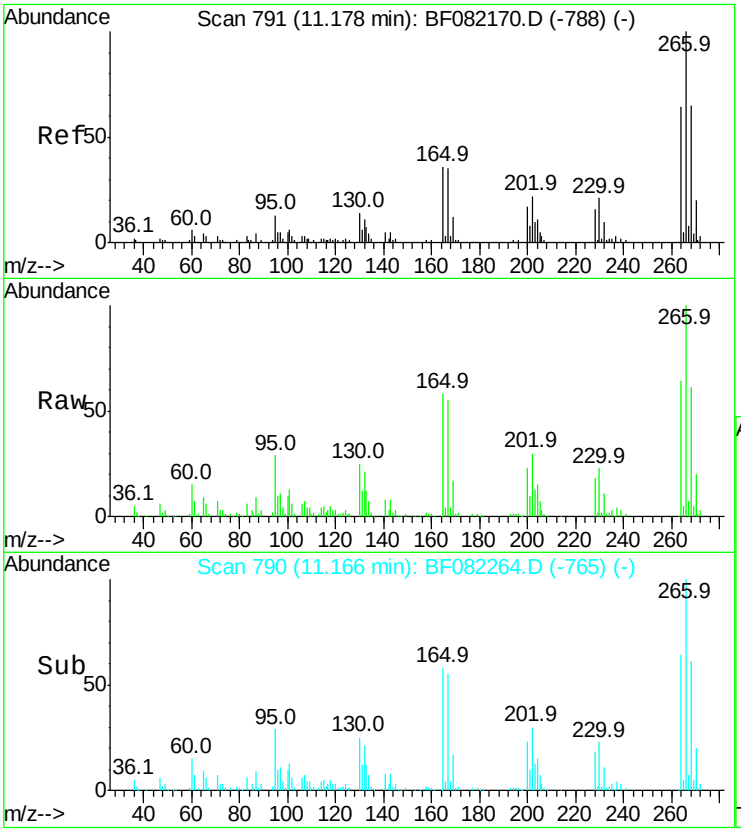


#68
Atrazine
Concen: 47.54 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:200 Resp: 130525

Ion	Ratio	Lower	Upper
200	100		
173	23.9	7.3	47.3
215	48.6	26.2	66.2

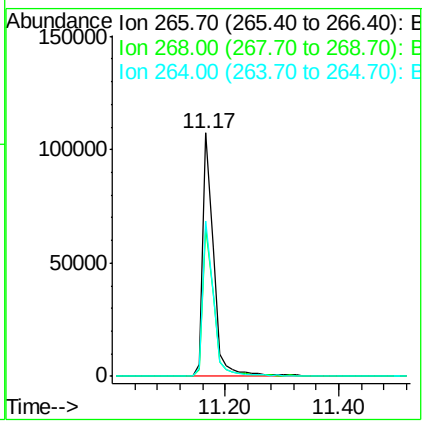




#69
Pentachlorophenol
Concen: 84.24 ng
RT: 11.17 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:266 Resp: 135815

Ion	Ratio	Lower	Upper
266	100		
268	61.3	52.0	78.0
264	63.9	51.4	77.0



Instrument :
BNA_F
ClientSampleId :
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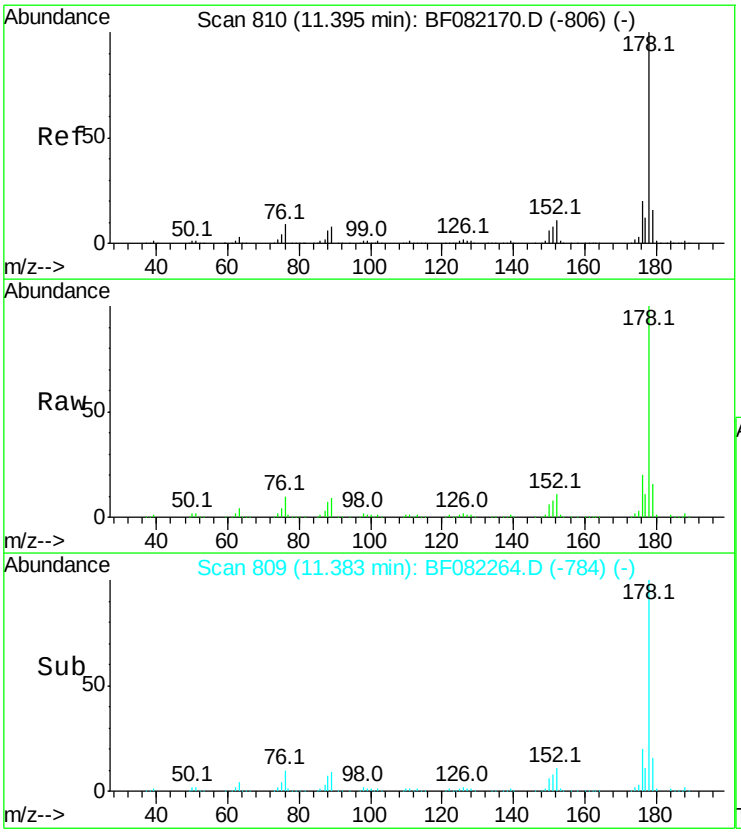
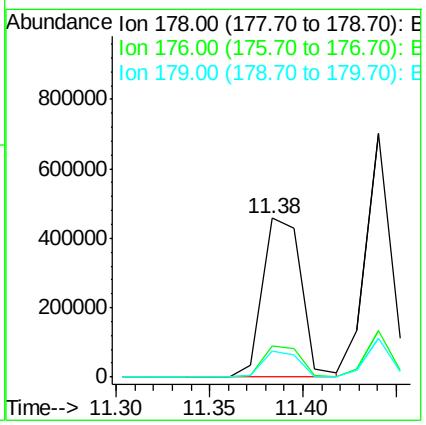
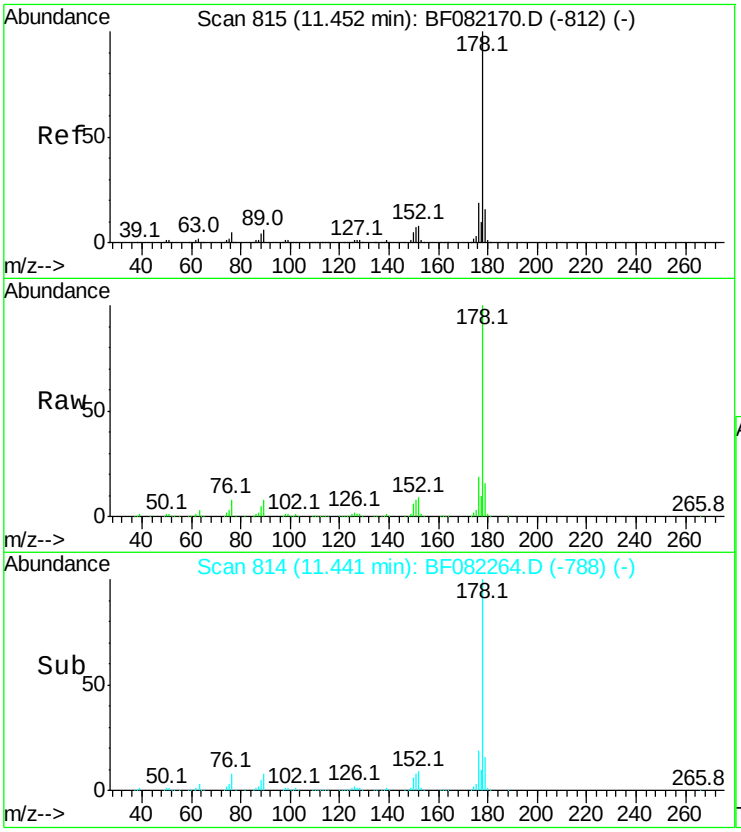


#70
Phenanthrene
Concen: 46.31 ng
RT: 11.38 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:178 Resp: 657080

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	16.1	12.6	19.0

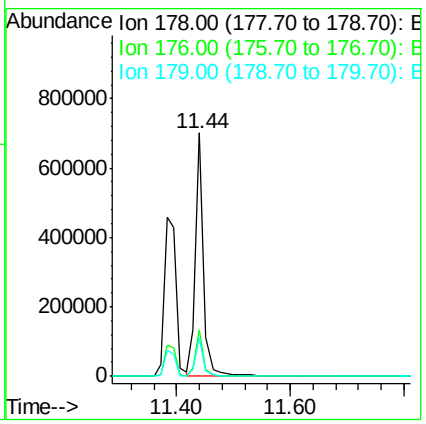




#71
Anthracene
Concen: 47.58 ng
RT: 11.44 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:178 Resp: 695690

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	16.1	12.5	18.7



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

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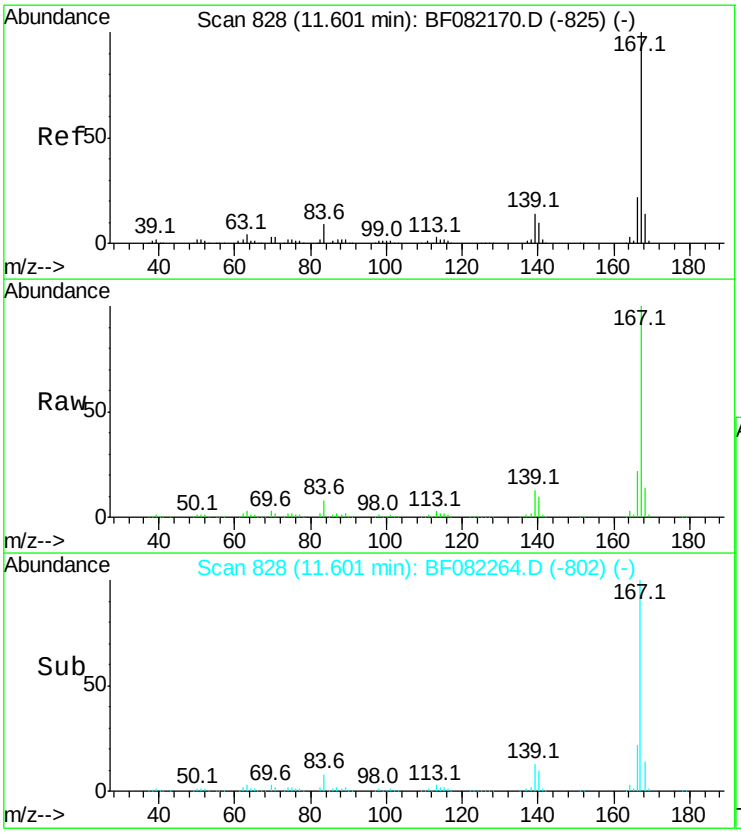
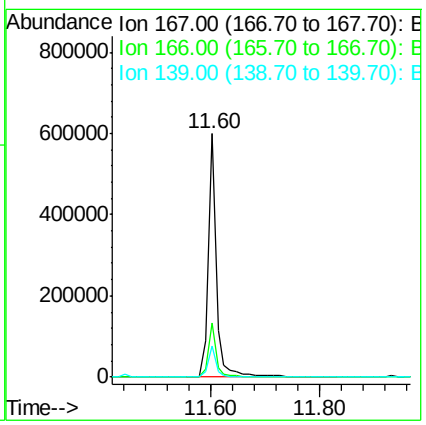
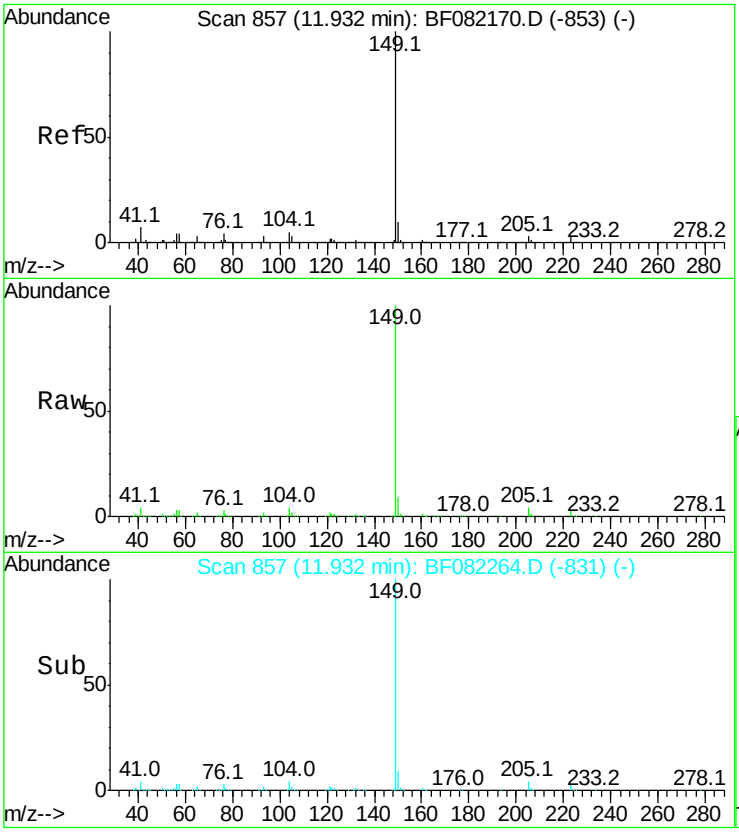


#72
Carbazole
Concen: 46.93 ng
RT: 11.60 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:167 Resp: 625956

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.3	25.9
139	13.0	11.2	16.8

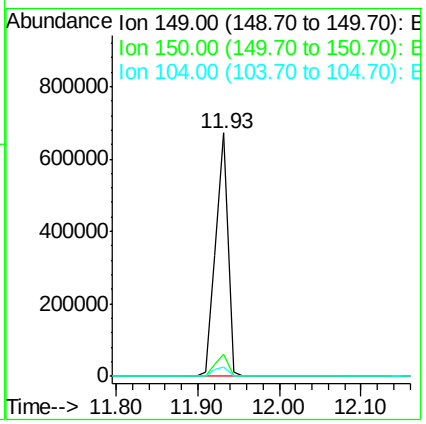




#73
Di-n-butylphthalate
Concen: 43.21 ng
RT: 11.93 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:149 Resp: 710987

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	3.9	3.8	5.8



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

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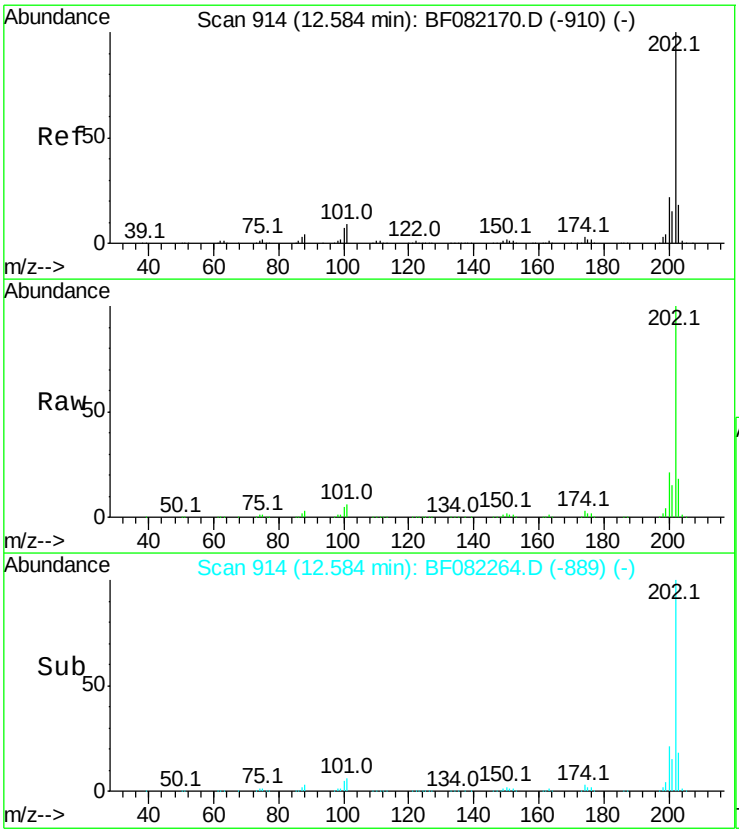
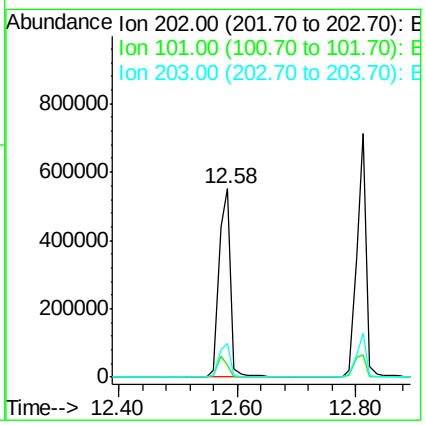
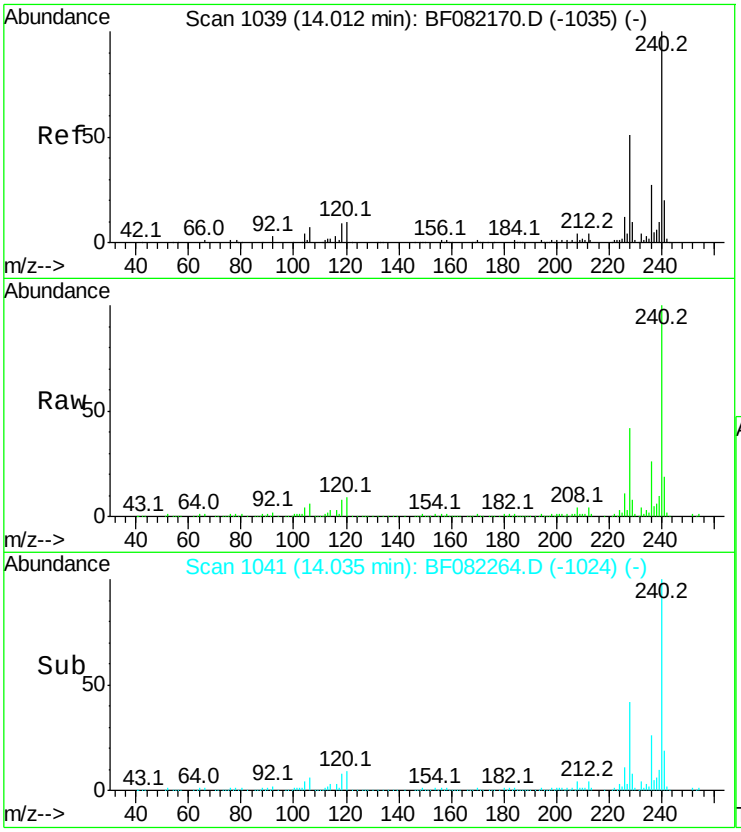


#74
Fluoranthene
Concen: 48.48 ng
RT: 12.58 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:202 Resp: 738771

Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	29.3
203	17.6	0.0	37.8

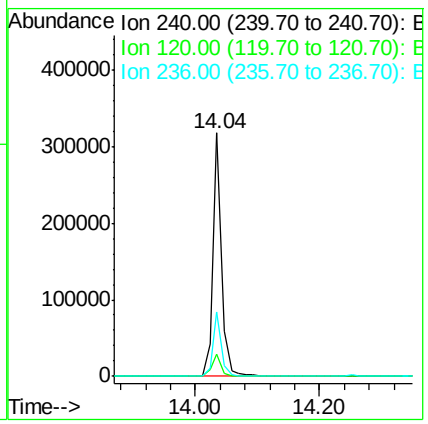




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1041
Delta R.T. -0.10 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:240 Resp: 301919

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.1	12.1
236	26.2	21.3	31.9



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

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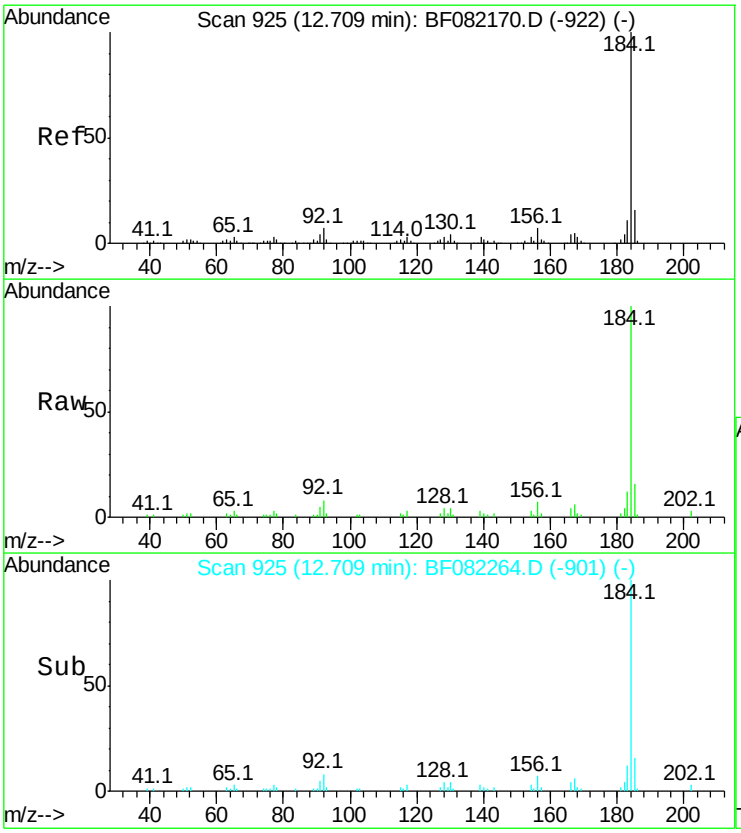
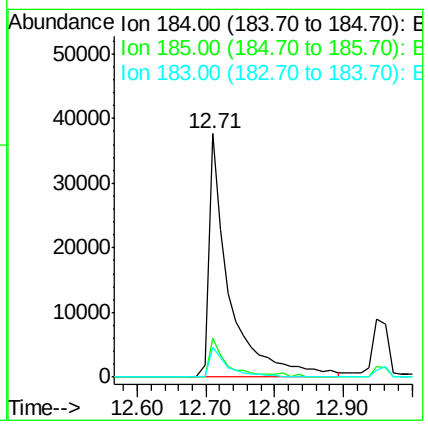
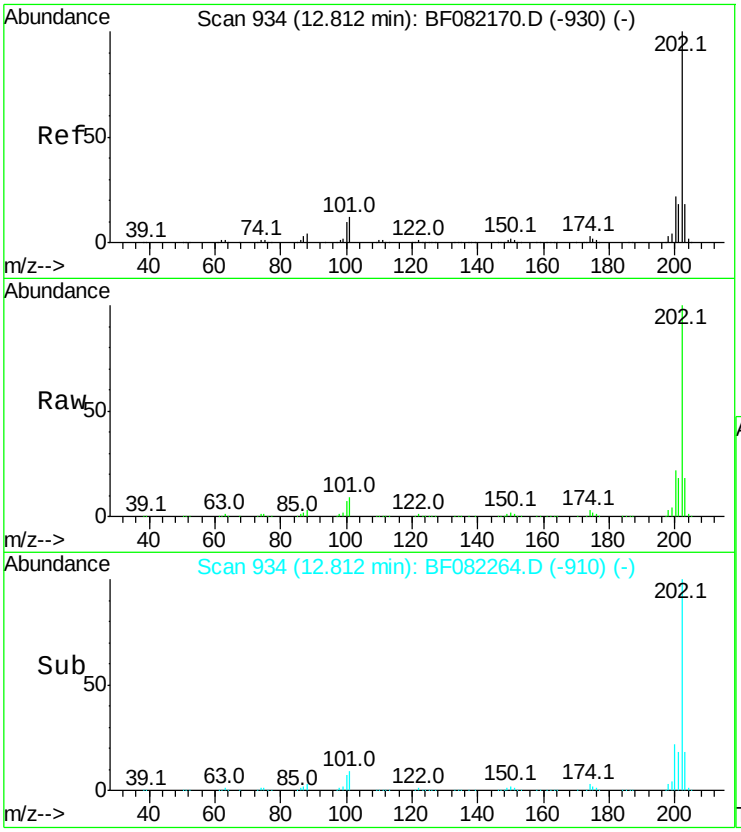


#76
Benzidine
Concen: 8.94 ng
RT: 12.71 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:184 Resp: 78181

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.5	18.7
183	12.1	9.1	13.7

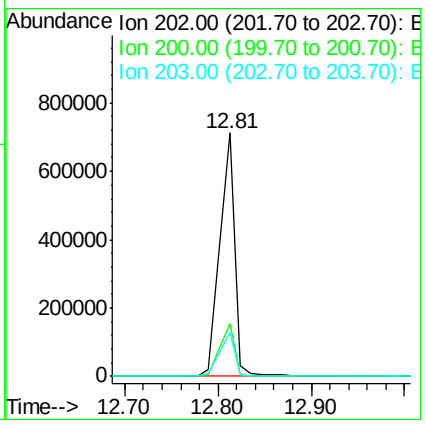




#77
Pyrene
Concen: 43.38 ng
RT: 12.81 min Scan# 934
Delta R.T. -0.02 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:202 Resp: 777348

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.9	26.9
203	18.0	14.5	21.7



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

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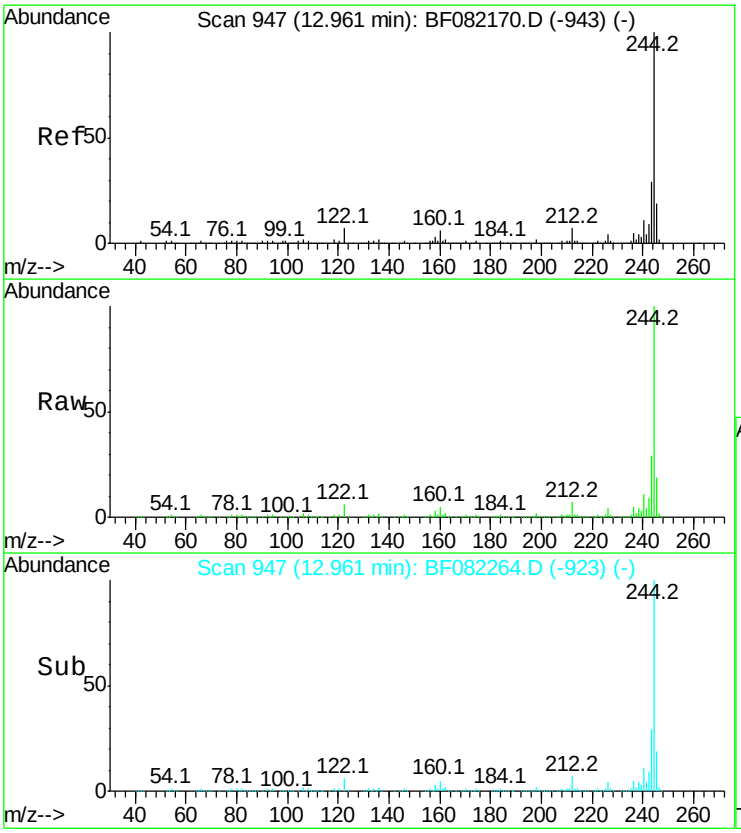
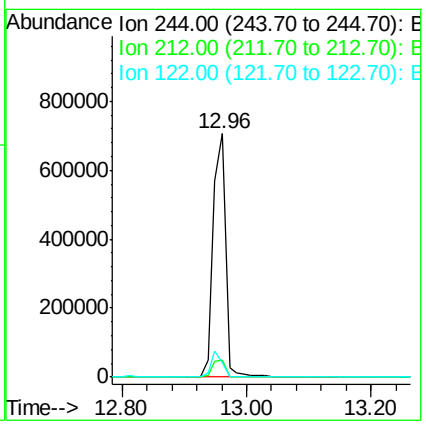
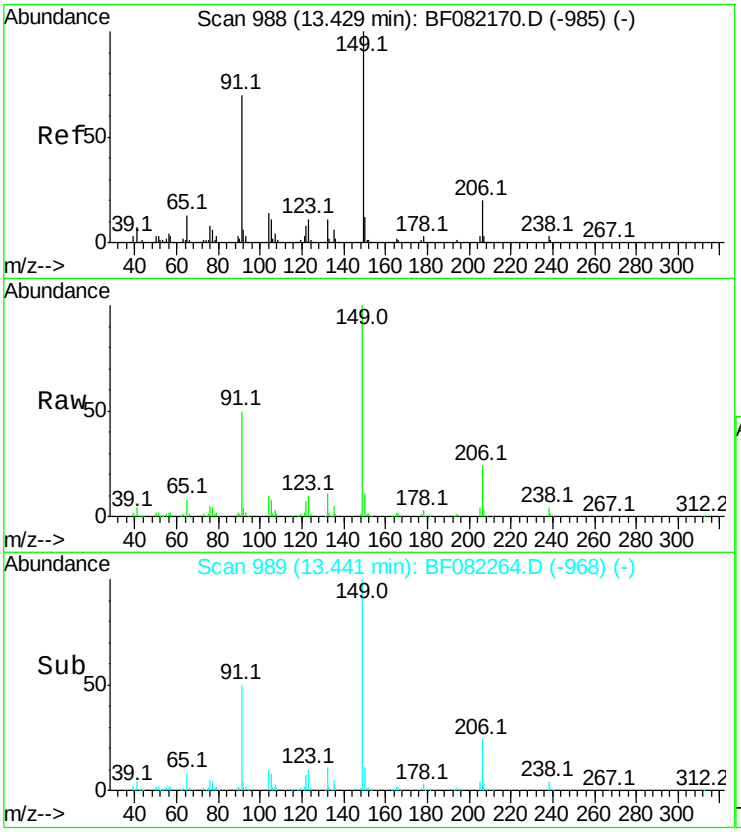


#78
Terphenyl-d14
Concen: 84.33 ng
RT: 12.96 min Scan# 947
Delta R.T. -0.02 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:244 Resp: 960803

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	5.9	5.9	8.9#

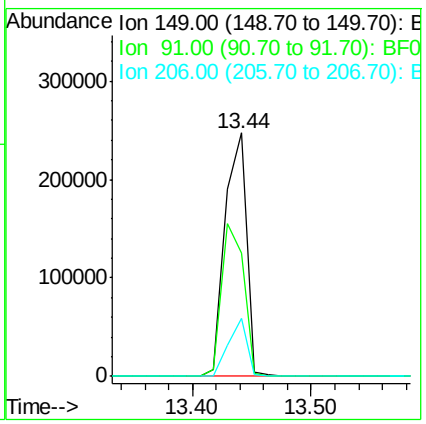




#79
Butylbenzylphthalate
Concen: 38.08 ng
RT: 13.44 min Scan# 989
Delta R.T. -0.06 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:149 Resp: 311332

Ion	Ratio	Lower	Upper
149	100		
91	50.4	55.7	83.5#
206	23.9	15.6	23.4#



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

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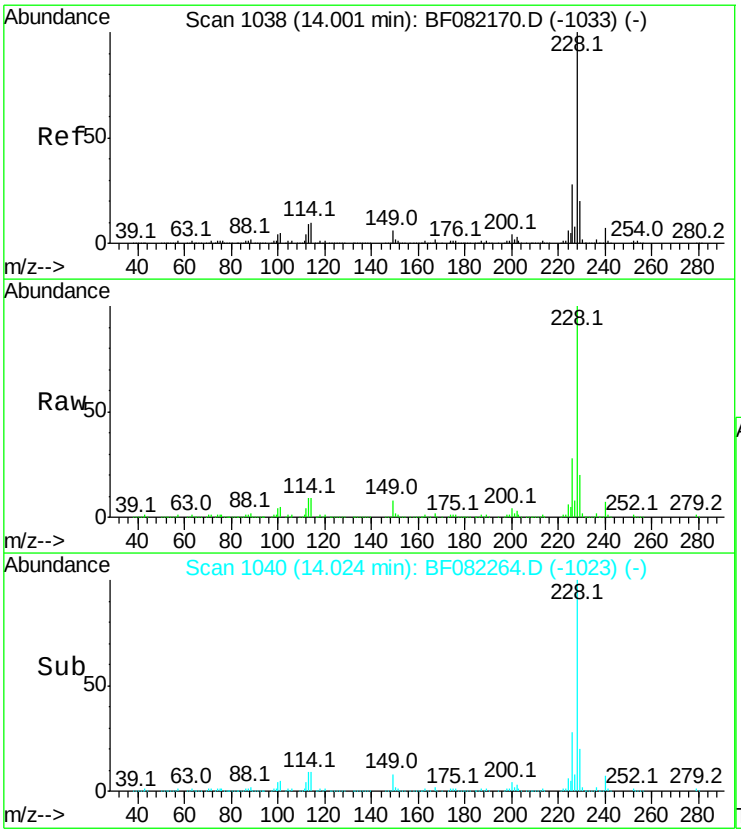
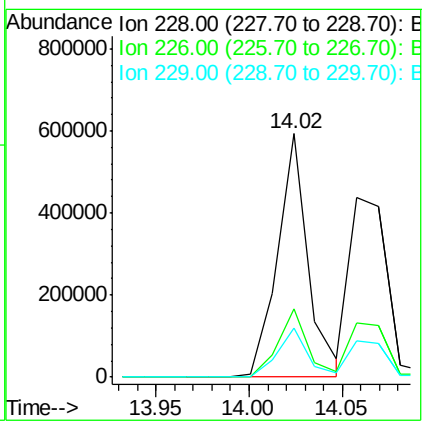
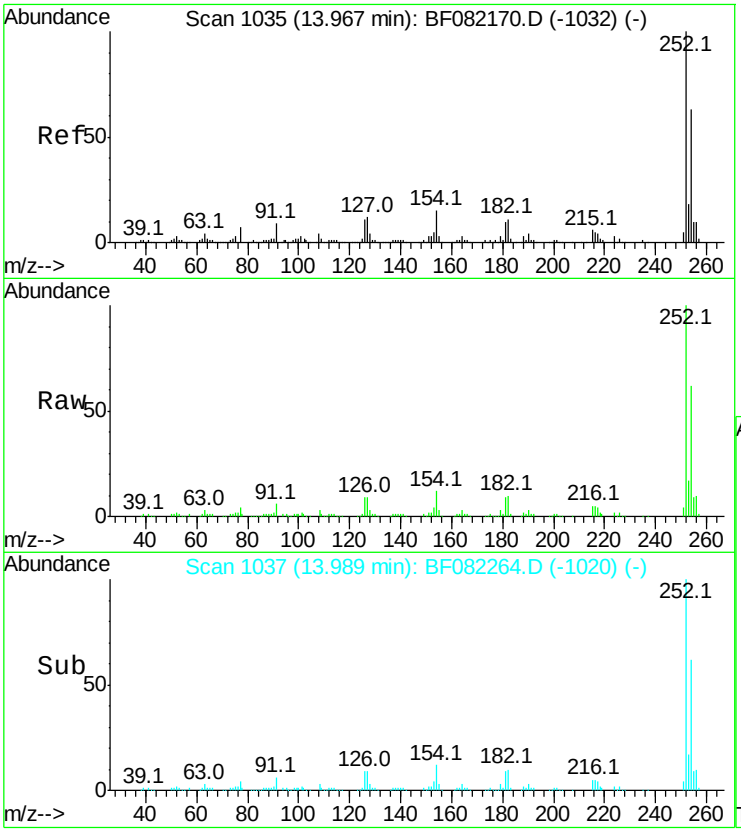


#80
Benzo(a)anthracene
Concen: 42.88 ng
RT: 14.02 min Scan# 1040
Delta R.T. -0.10 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:228 Resp: 673565

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.3	33.5
229	20.3	16.2	24.2

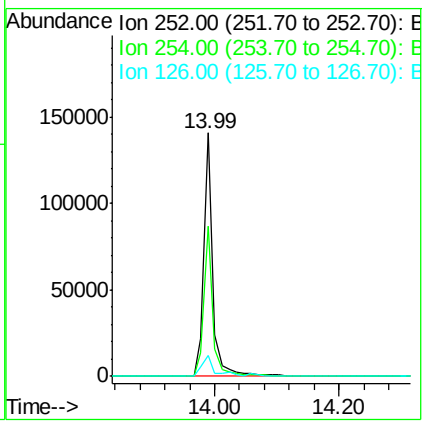




#81
3,3'-Dichlorobenzidine
Concen: 24.11 ng
RT: 13.99 min Scan# 1037
Delta R.T. -0.10 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:252 Resp: 143737

Ion	Ratio	Lower	Upper
252	100		
254	61.9	50.7	76.1
126	8.5	9.0	13.6#



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

Manual Integrations APPROVED
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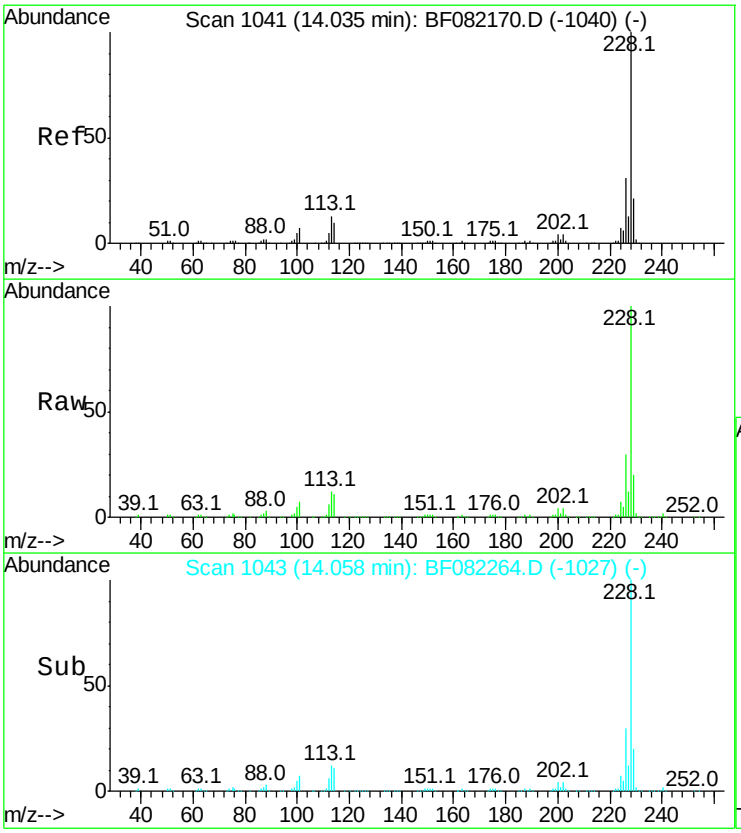
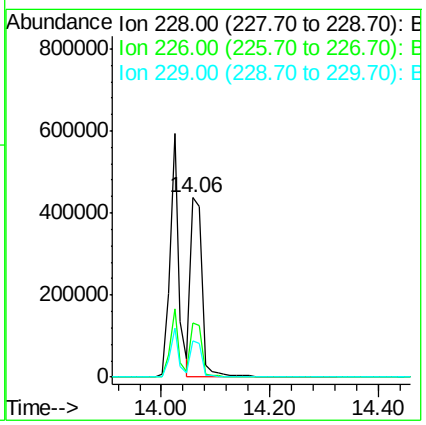
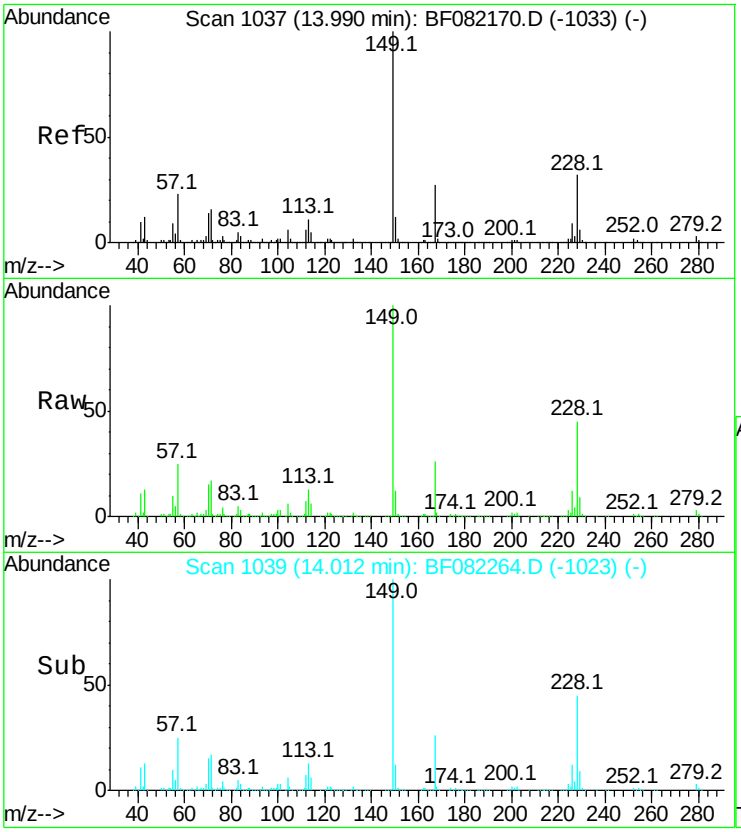


#82
Chrysene
Concen: 38.73 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.11 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:228 Resp: 640998

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	20.3	16.3	24.5

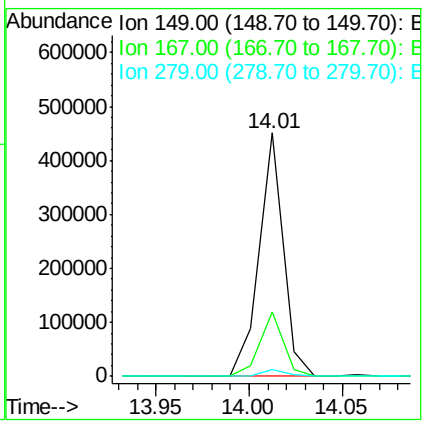




#83
Bis(2-ethylhexyl)phthalate
Concen: 34.65 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.11 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:149 Resp: 404236

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.0	2.6	4.0



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

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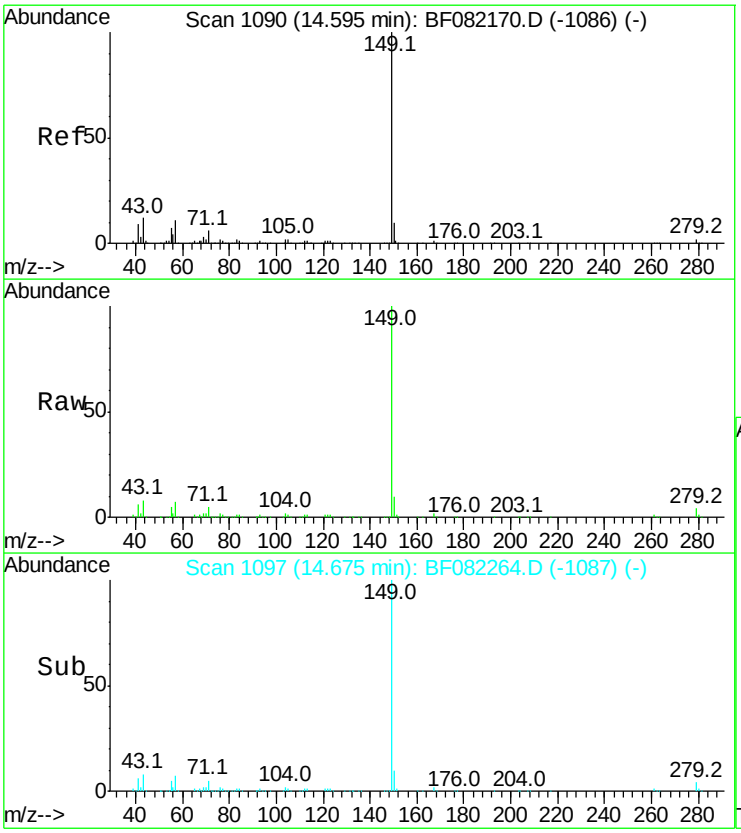
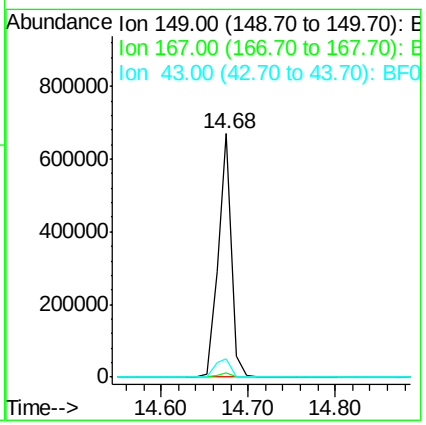
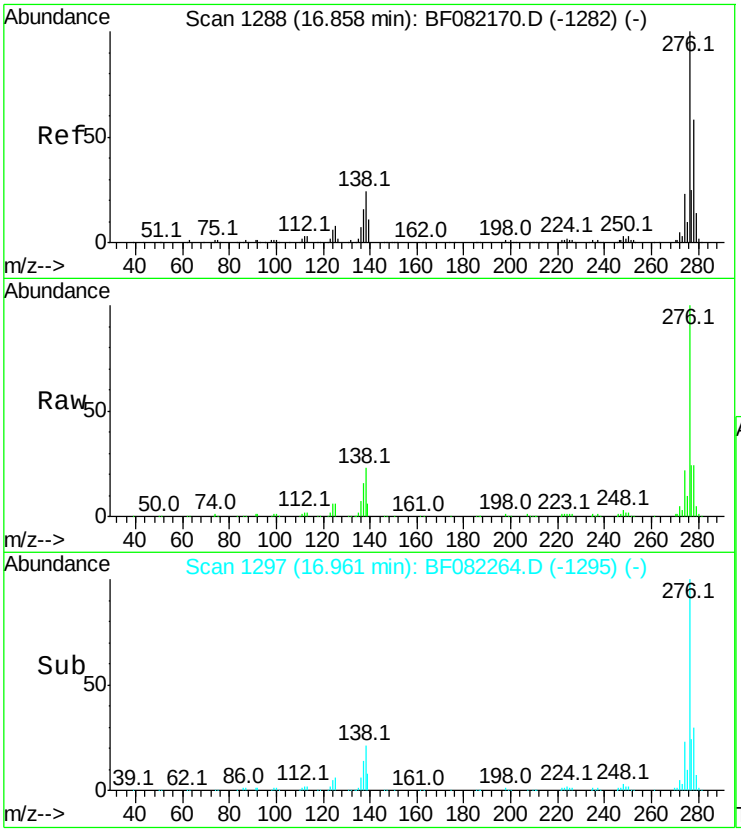


#84
Di-n-octyl phthalate
Concen: 35.40 ng
RT: 14.68 min Scan# 1097
Delta R.T. -0.18 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:149 Resp: 709195

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.3	7.4	11.2





#85
Indeno(1,2,3-cd)pyrene
Concen: 44.39 ng
RT: 16.96 min Scan# 1297
Delta R.T. -0.27 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:276 Resp: 584016

Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.7	29.5
277	24.5	20.1	30.1

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

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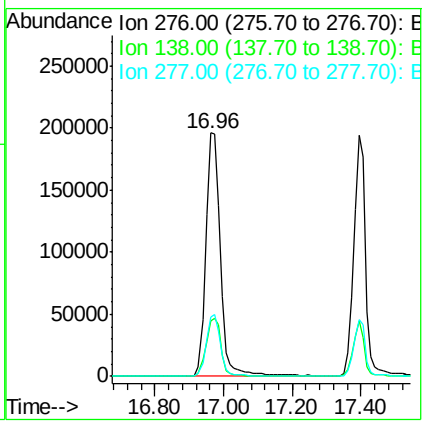
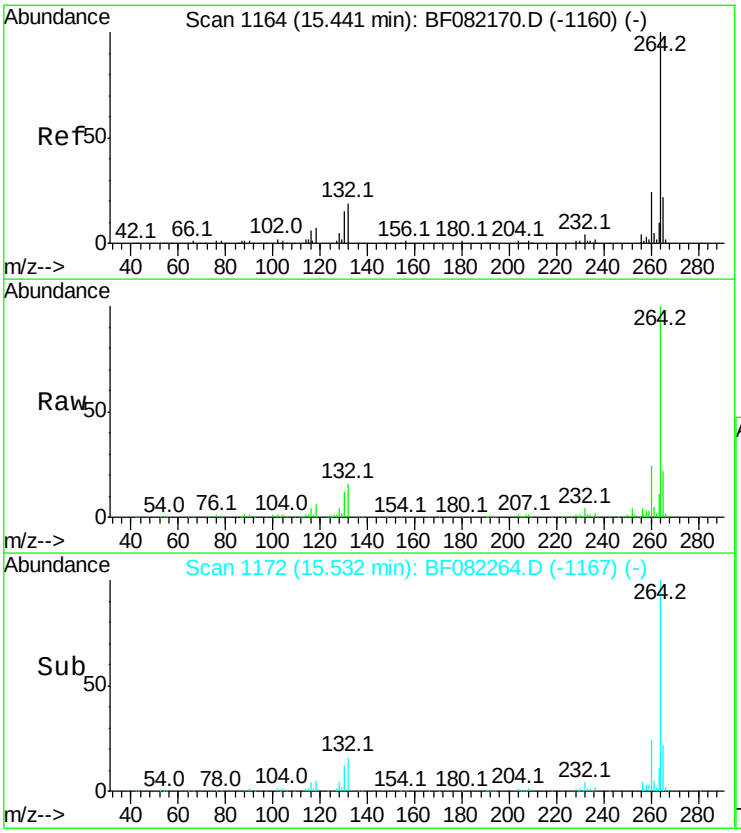
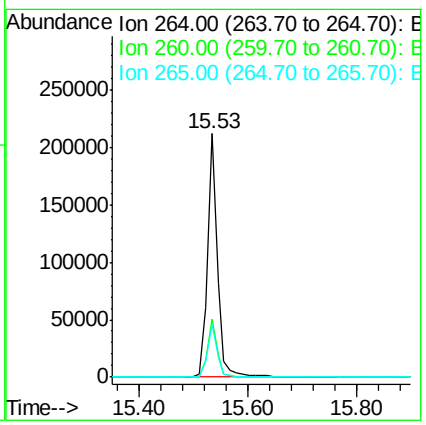


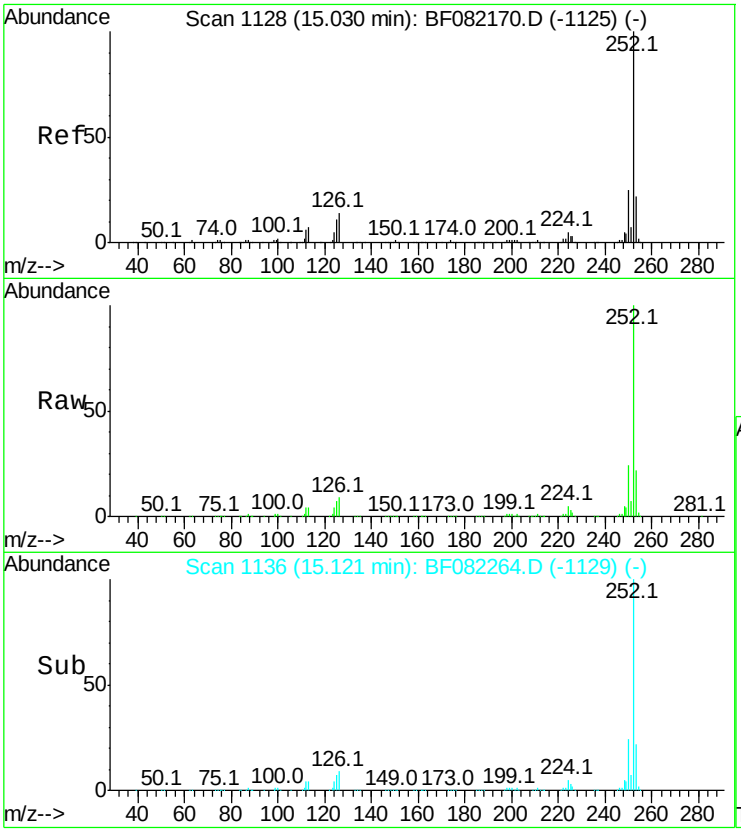


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.24 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:264 Resp: 269617

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.9	17.3	25.9





#87
Benzo(b)fluoranthene
Concen: 43.52 ng
RT: 15.12 min Scan# 1136
Delta R.T. -0.22 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:252 Resp: 713804

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	7.0	8.6	12.8#

Instrument :
BNA_F
ClientSampleId :
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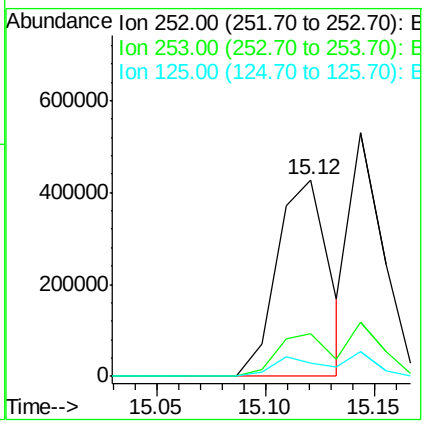
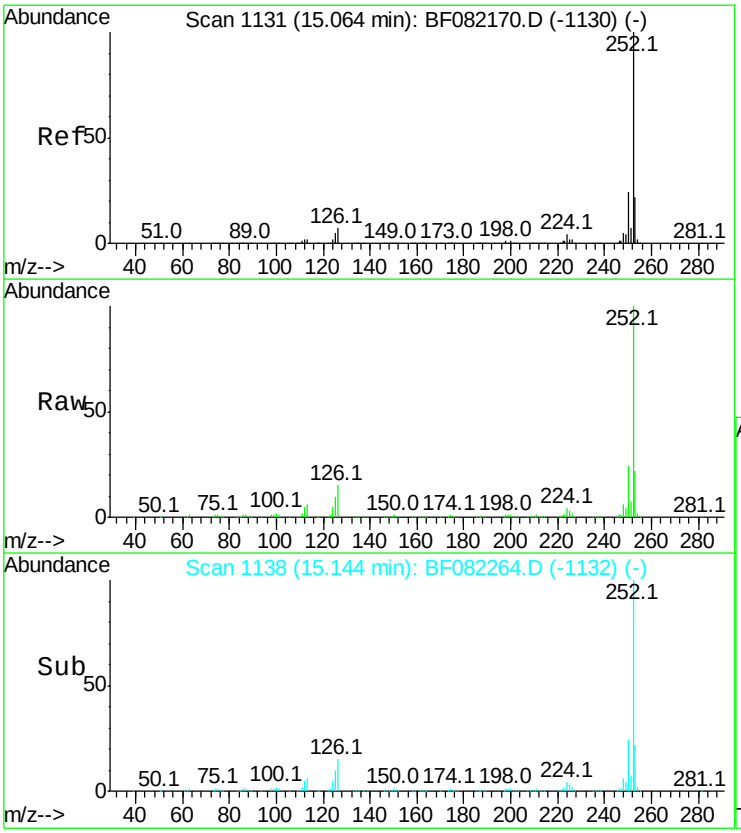
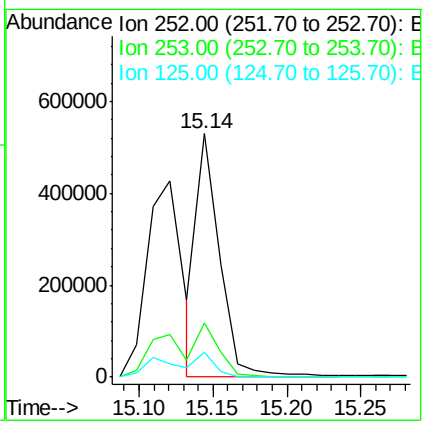


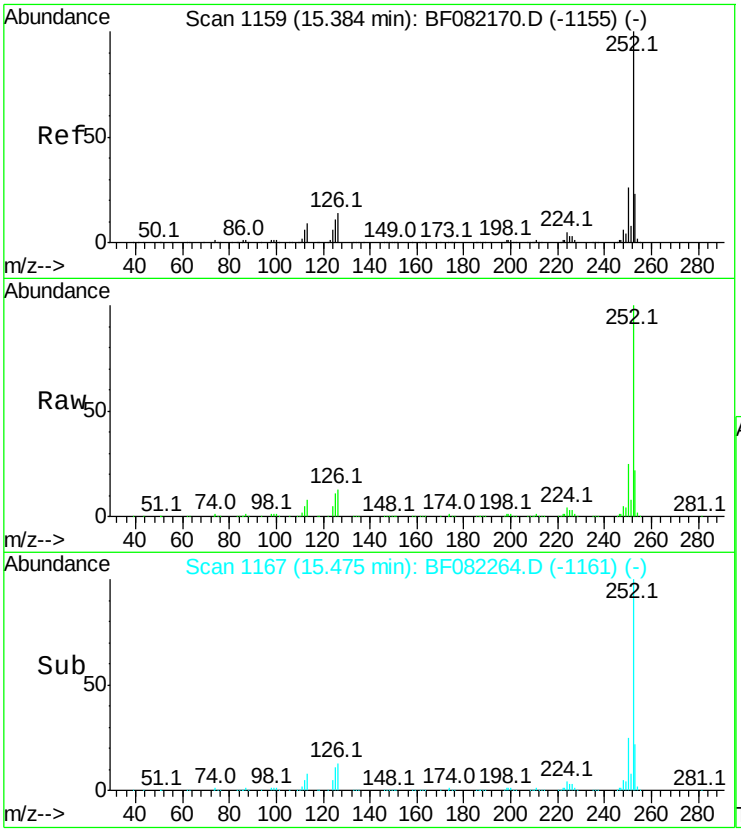


#88
Benzo(k)fluoranthene
Concen: 42.29 ng m
RT: 15.14 min Scan# 1138
Delta R.T. -0.23 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:252 Resp: 583052

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.3	6.7	10.1#

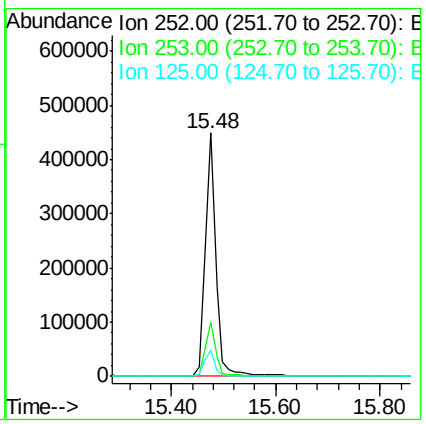




#89
Benzo(a)pyrene
Concen: 44.07 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.23 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:252 Resp: 621301

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.5	8.9	13.3



Instrument :
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ClientSampleId :
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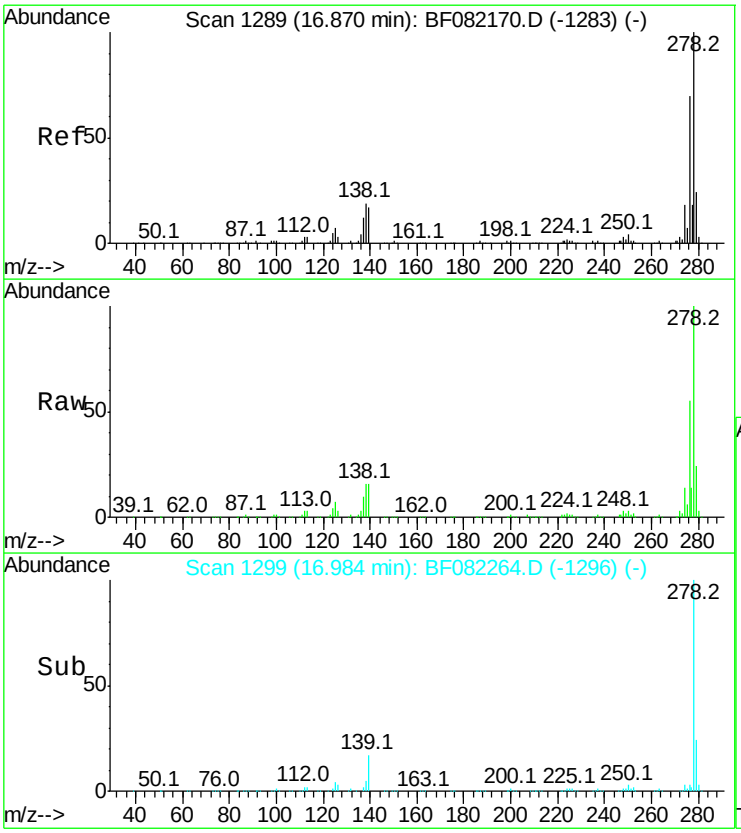
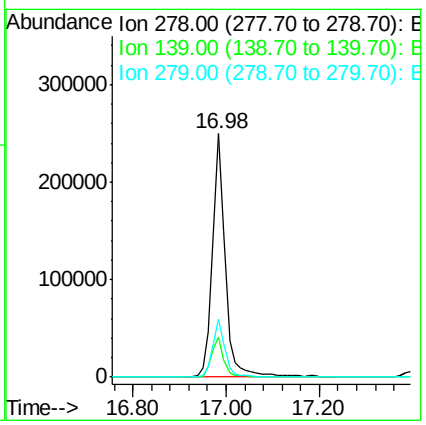
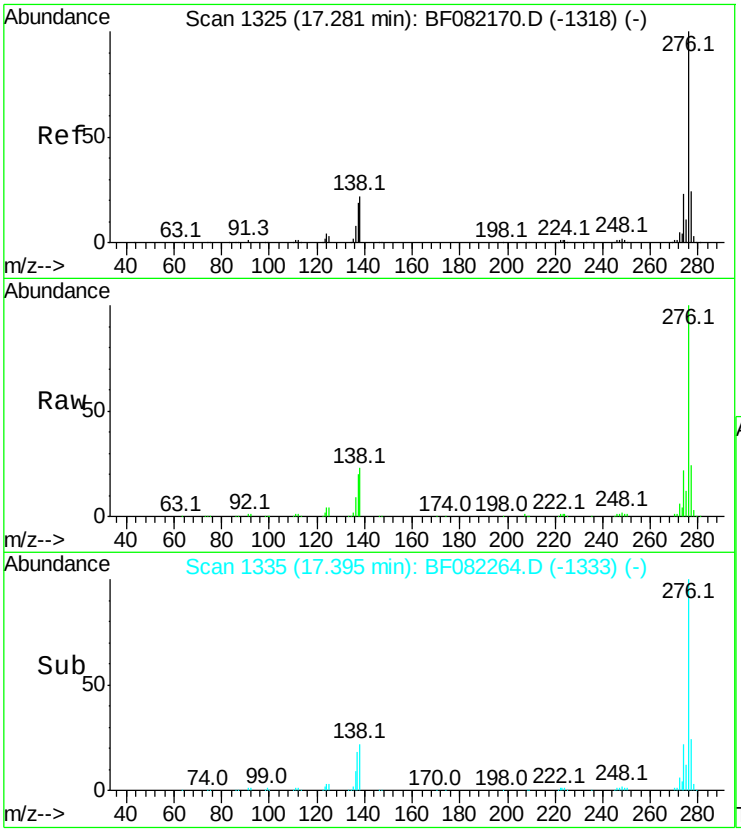


#90
Dibenzo(a,h)anthracene
Concen: 41.99 ng
RT: 16.98 min Scan# 1299
Delta R.T. -0.26 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:278 Resp: 485056

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.3	19.9
279	24.1	18.9	28.3

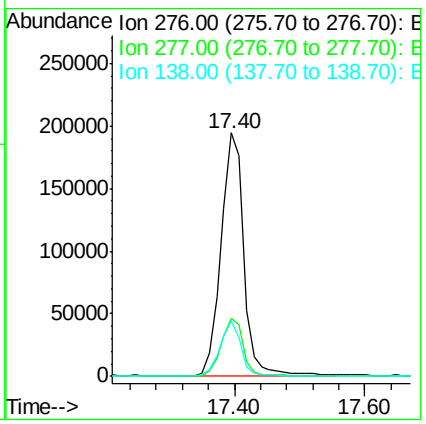




#91
Benzo(g,h,i)perylene
Concen: 41.75 ng
RT: 17.40 min Scan# 1335
Delta R.T. -0.27 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:276 Resp: 468535

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	22.9	17.4	26.2



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

Manual Integrations APPROVED
MMdadoda
10/14/2015 3:51:18 PM