Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084899.D
Acq On : 6 Feb 2016 9:27
Operator : SJ/IZ
Sample : H1329-08MS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B009(5-7)MS

Manual Integrations APPROVED
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Quant Time: Feb 08 02:26:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	171593	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	701232	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	304956	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	510659	20.00	ng		-0.03
75) Chrysene-d12	13.81	240	315139	20.00	ng		-0.02
86) Perylene-d12	15.17	264	330867	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1337372	121.40	ng		-0.01
7) Phenol-d6	6.33	99	1684792	123.36	ng		-0.01
23) Nitrobenzene-d5	7.24	82	1071273	86.06	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	327366	102.91	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	1682297	97.87	ng		-0.02
78) Terphenyl-d14	12.76	244	1150283	82.71	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	171340	35.51	ng	#	76
3) Pyridine	2.85	79	526608	41.88	ng	#	74
4) n-Nitrosodimethylamine	2.82	42	275272	42.33	ng		86
6) Aniline	6.33	93	271601	16.25	ng	#	38
8) 2-Chlorophenol	6.45	128	550146	44.12	ng		96
9) Benzaldehyde	6.20	77	195955	24.30	ng		98
10) Phenol	6.34	94	732762	47.89	ng		86
11) bis(2-Chloroethyl)ether	6.41	93	482422m	40.44	ng		
12) 1,3-Dichlorobenzene	6.60	146	542163m	41.15	ng		
13) 1,4-Dichlorobenzene	6.68	146	565426	42.93	ng		94
14) 1,2-Dichlorobenzene	6.83	146	468647	38.20	ng		95
15) Benzyl Alcohol	6.82	79	402621	42.69	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.96	45	792082	39.47	ng		92
17) 2-Methylphenol	6.94	107	434964	44.11	ng	#	91
18) Hexachloroethane	7.17	117	212072	41.81	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	345141	40.32	ng	#	74
20) 3+4-Methylphenols	7.10	107	543172	44.37	ng		91
22) Acetophenone	7.08	105	727991	39.39	ng	#	98
24) Nitrobenzene	7.25	77	492250	36.93	ng		96
25) Isophorone	7.49	82	973944	40.24	ng		96
26) 2-Nitrophenol	7.57	139	296667	45.12	ng	#	89
27) 2,4-Dimethylphenol	7.63	122	445659	38.97	ng		87
28) bis(2-Chloroethoxy)methane	7.71	93	592905	41.29	ng		99
29) 2,4-Dichlorophenol	7.82	162	421218	43.05	ng		94
30) 1,2,4-Trichlorobenzene	7.89	180	424679	38.43	ng		97
31) Naphthalene	7.97	128	1465911	41.68	ng		99
33) 4-Chloroaniline	8.03	127	117574	8.08	ng		94
34) Hexachlorobutadiene	8.10	225	253701	39.81	ng		97
35) Caprolactam	8.41	113	131575m	43.63	ng		
36) 4-Chloro-3-methylphenol	8.53	107	478795	42.89	ng		98
37) 2-Methylnaphthalene	8.66	142	936840	42.56	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	394531	40.74	ng		99
40) Hexachlorocyclopentadiene	8.82	237	227117	59.44	ng		98
42) 2,4,6-Trichlorophenol	8.94	196	262008	41.99	ng		98

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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

Manual Integrations APPROVED
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Quant Time: Feb 08 02:26:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	260593	41.10	ng	#	81
45) 1,1'-Biphenyl	9.13	154	1037255	38.08	ng		99
46) 2-Chloronaphthalene	9.15	162	820846	40.92	ng		94
47) 2-Nitroaniline	9.25	65	268448	42.27	ng		96
48) Acenaphthylene	9.56	152	1184975	38.93	ng		98
49) Dimethylphthalate	9.45	163	1288091	55.46	ng	#	91
50) 2,6-Dinitrotoluene	9.50	165	242186	47.73	ng		98
51) Acenaphthene	9.73	154	759691	38.36	ng		98
52) 3-Nitroaniline	9.66	138	139986	24.55	ng	#	89
53) 2,4-Dinitrophenol	9.78	184	39214	21.33	ng		90
54) Dibenzofuran	9.90	168	990788	40.94	ng		92
55) 4-Nitrophenol	9.85	139	239843	57.24	ng	#	75
56) 2,4-Dinitrotoluene	9.90	165	289638	44.75	ng	#	89
57) Fluorene	10.25	166	814265	40.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	219316	45.44	ng		93
59) Diethylphthalate	10.13	149	898904	39.63	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	417564	49.98	ng		92
61) 4-Nitroaniline	10.28	138	219784	39.56	ng		87
62) Azobenzene	10.41	77	987597	45.29	ng		93
64) 4,6-Dinitro-2-methylphenol	10.30	198	73039	23.17	ng	#	41
65) n-Nitrosodiphenylamine	10.36	169	737571	45.49	ng		98
66) 4-Bromophenyl-phenylether	10.73	248	236853	41.99	ng	#	73
67) Hexachlorobenzene	10.80	284	284779	46.34	ng	#	90
68) Atrazine	10.90	200	243039	47.46	ng		96
69) Pentachlorophenol	10.99	266	221755	76.78	ng		97
70) Phenanthrene	11.21	178	1270557	44.86	ng		98
71) Anthracene	11.25	178	1129489	39.58	ng		98
72) Carbazole	11.41	167	1000439	40.20	ng		99
73) Di-n-butylphthalate	11.76	149	1414531	44.65	ng	#	97
74) Fluoranthene	12.39	202	1123700	39.20	ng		97
76) Benzidine	12.51	184	416448	37.37	ng		98
77) Pyrene	12.61	202	1163888	48.24	ng		100
79) Butylbenzylphthalate	13.24	149	492008	44.95	ng		94
80) Benzo(a)anthracene	13.80	228	882985	45.14	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	185942	26.85	ng	#	96
82) Chrysene	13.84	228	852129	44.93	ng		100
83) Bis(2-ethylhexyl)phthalate	13.80	149	642535	47.17	ng	#	99
84) Di-n-octyl phthalate	14.42	149	1123334	49.99	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.45	276	793940	53.18	ng		99
87) Benzo(b)fluoranthene	14.81	252	1038538m	46.72	ng		
88) Benzo(k)fluoranthene	14.83	252	571753m	31.11	ng		
89) Benzo(a)pyrene	15.13	252	790720	41.74	ng		98
90) Dibenzo(a,h)anthracene	16.47	278	660952	41.45	ng		98
91) Benzo(g,h,i)perylene	16.83	276	650134	40.48	ng		98

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

Manual Integrations APPROVED
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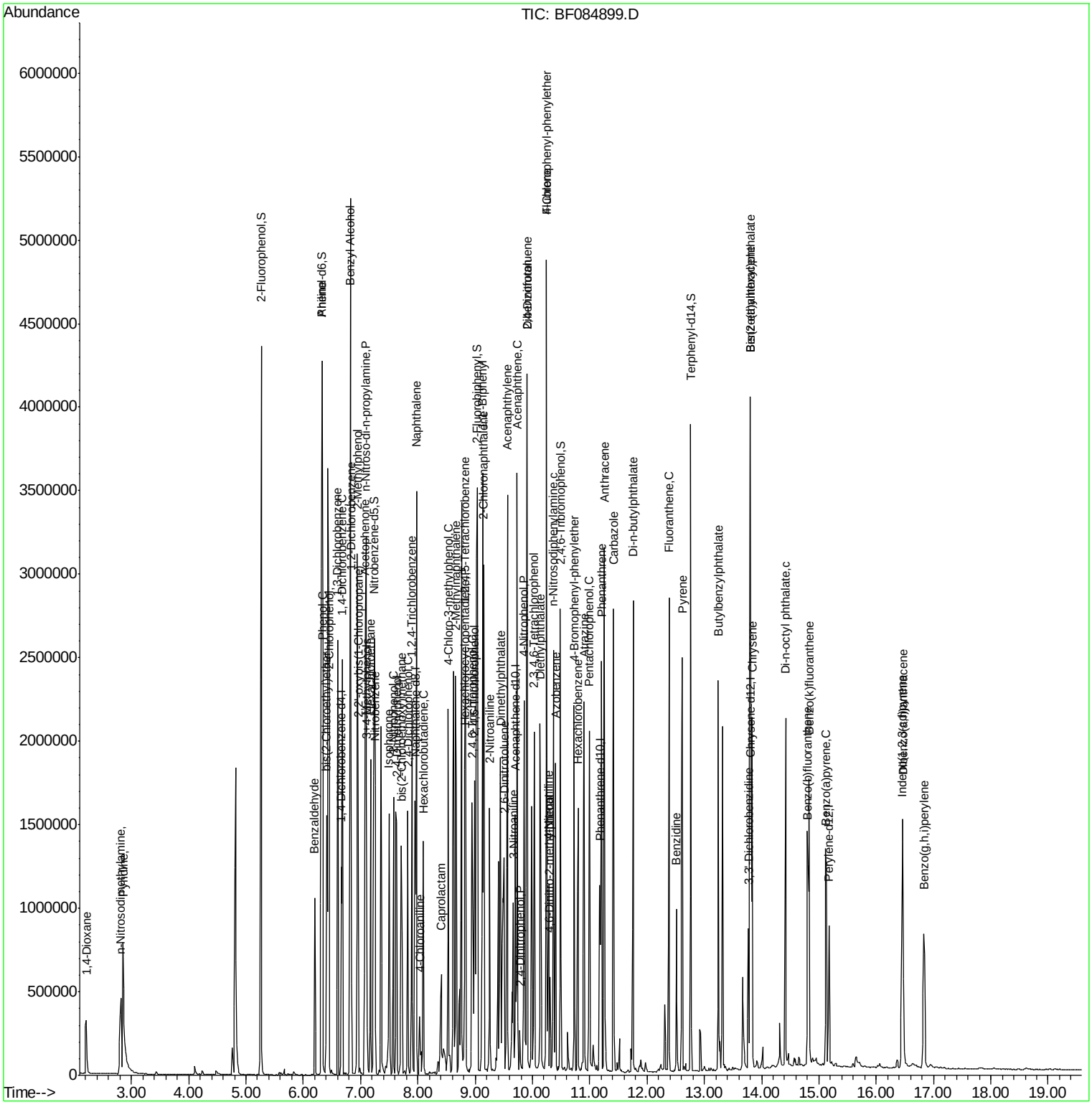
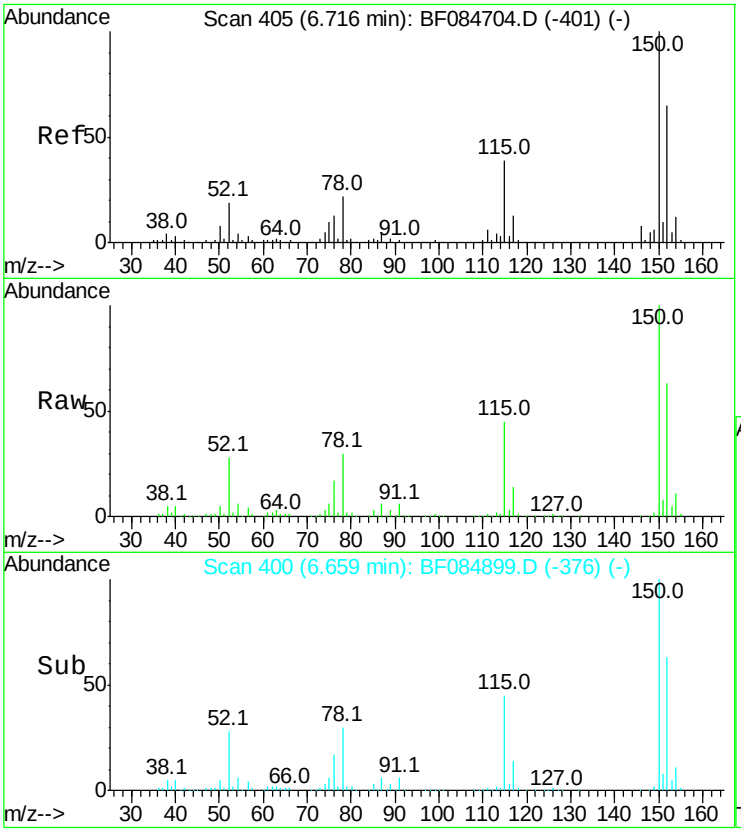
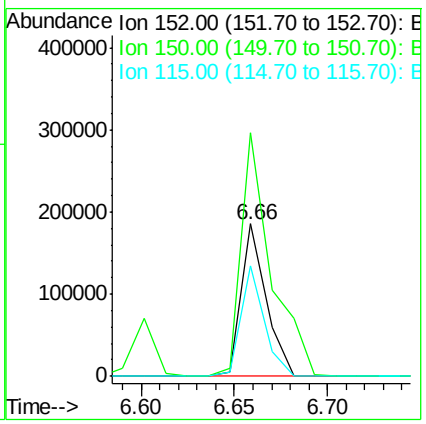




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:152 Resp: 171593

Ion	Ratio	Lower	Upper
152	100		
150	160.0	123.0	184.4
115	72.3	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

Manual Integrations APPROVED
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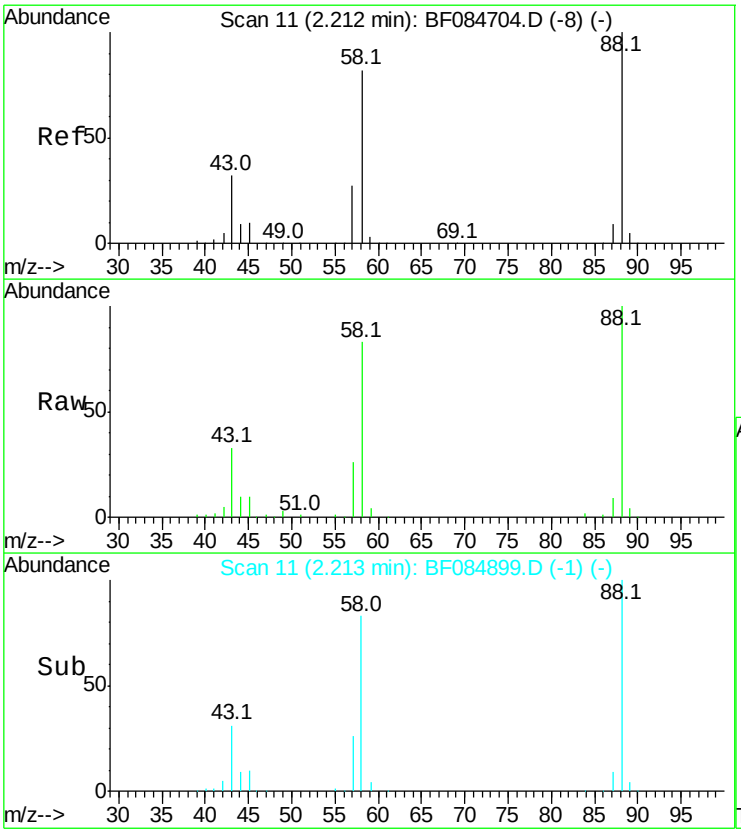
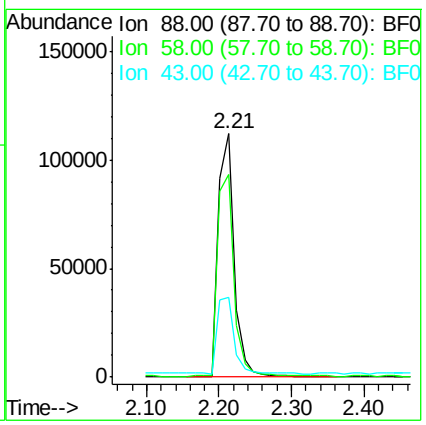
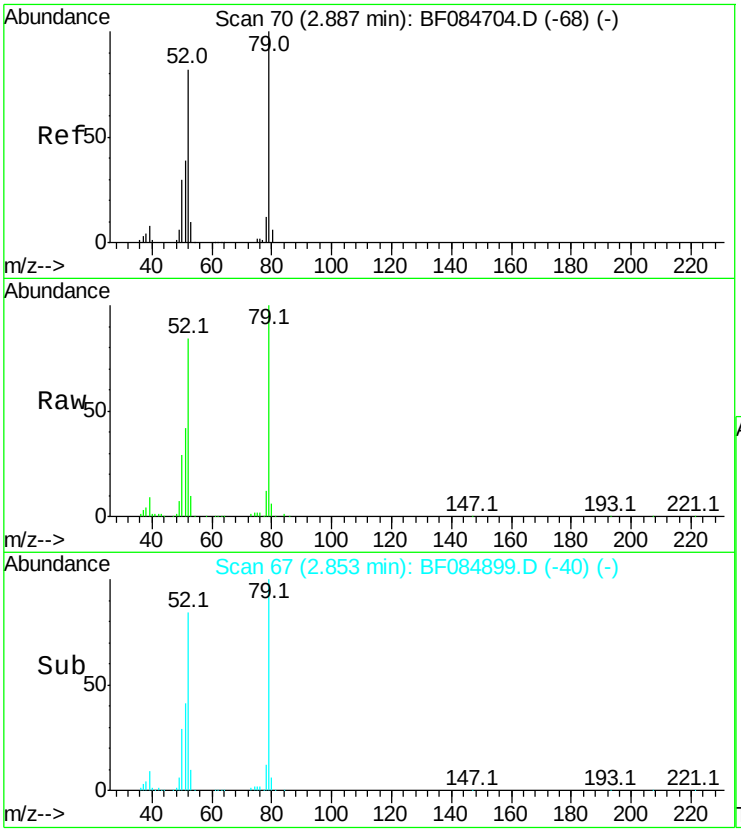


#2
1,4-Dioxane
Concen: 35.51 ng
RT: 2.21 min Scan# 11
Delta R.T. 0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion: 88 Resp: 171340

Ion	Ratio	Lower	Upper
88	100		
58	84.7	51.2	76.8#
43	33.9	19.5	29.3#

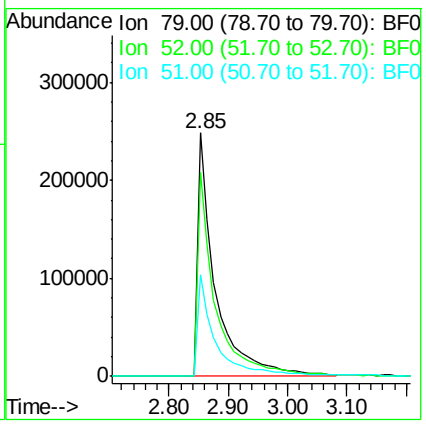




#3
Pyridine
Concen: 41.88 ng
RT: 2.85 min Scan# 67
Delta R.T. 0.01 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion: 79 Resp: 526608

Ion	Ratio	Lower	Upper
79	100		
52	83.8	49.0	73.4#
51	41.6	25.2	37.8#



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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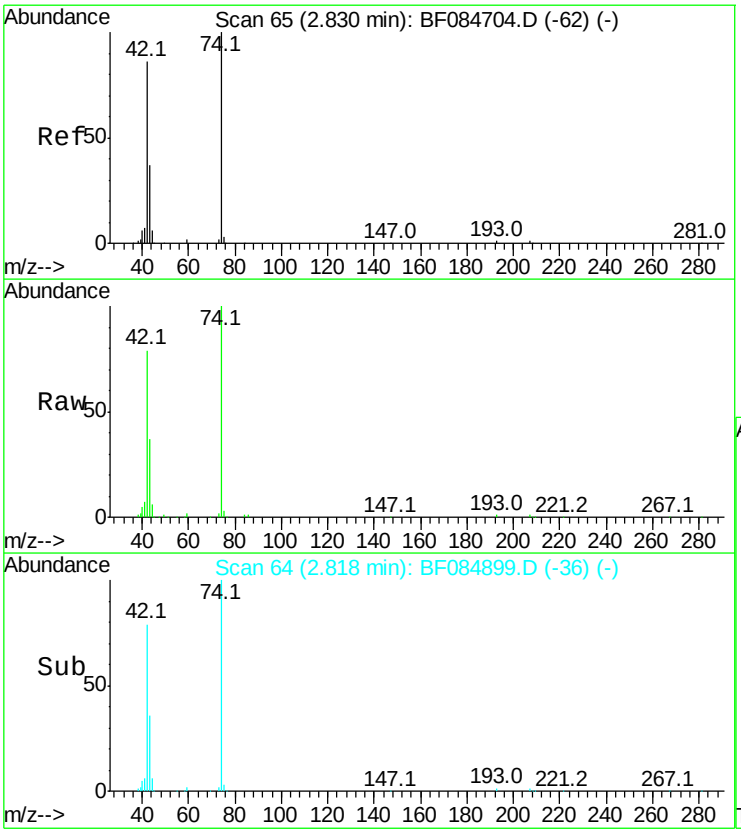
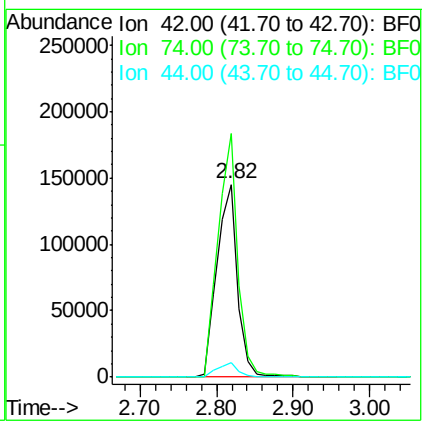
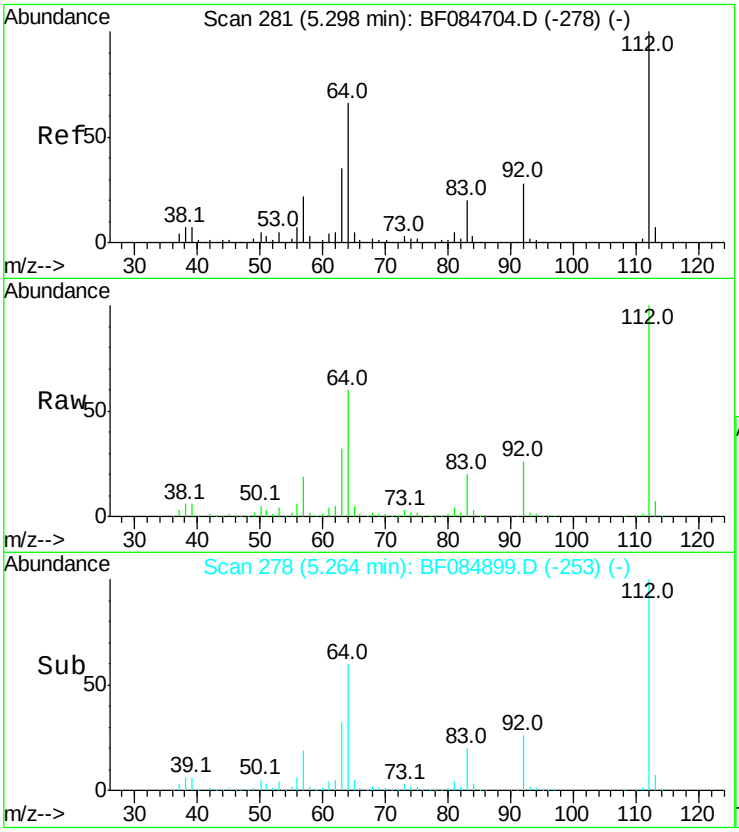


#4
n-Nitrosodimethylamine
Concen: 42.33 ng
RT: 2.82 min Scan# 64
Delta R.T. 0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion: 42 Resp: 275272

Ion	Ratio	Lower	Upper
42	100		
74	126.5	115.7	173.5
44	7.7	5.1	7.7





#5
2-Fluorophenol
Concen: 121.40 ng
RT: 5.26 min Scan# 278
Delta R.T. -0.01 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:112 Resp: 1337372

Ion	Ratio	Lower	Upper
112	100		
64	60.2	36.6	55.0#
63	31.7	19.4	29.0#

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

Manual Integrations APPROVED
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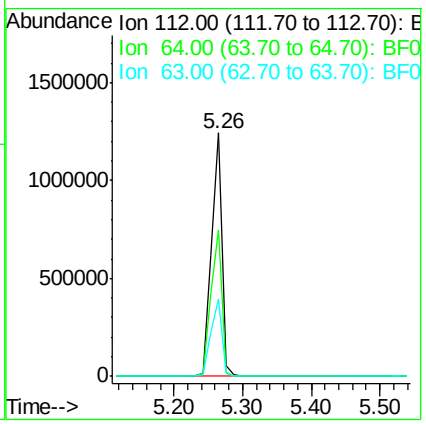
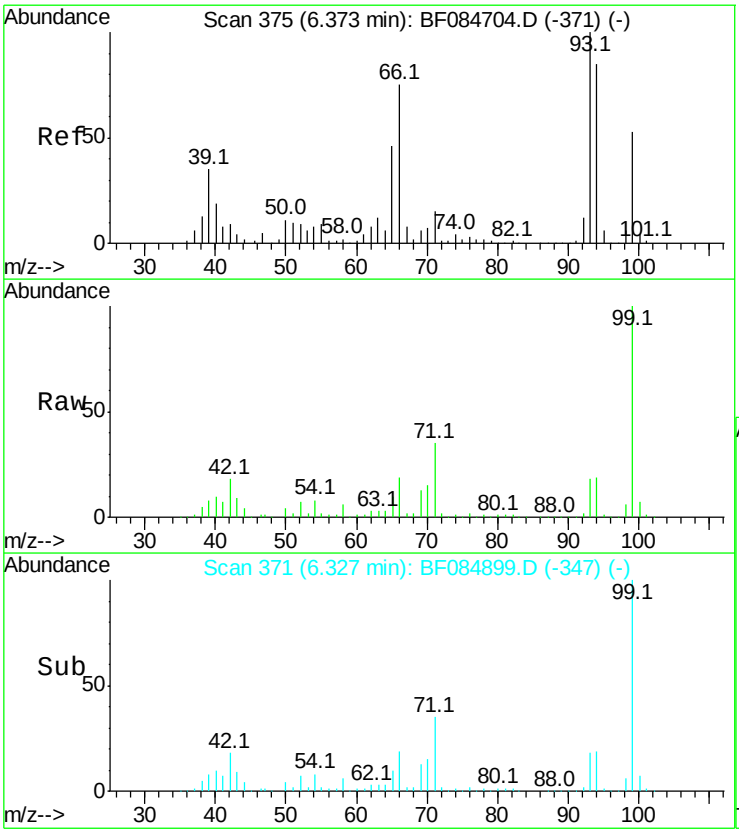
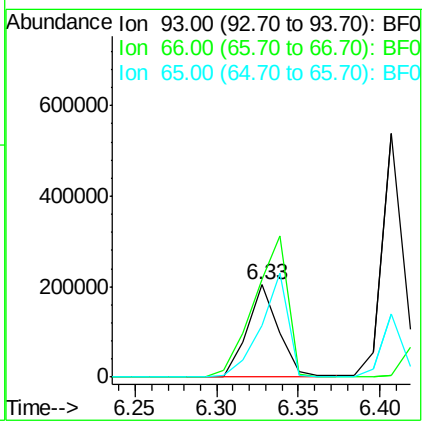


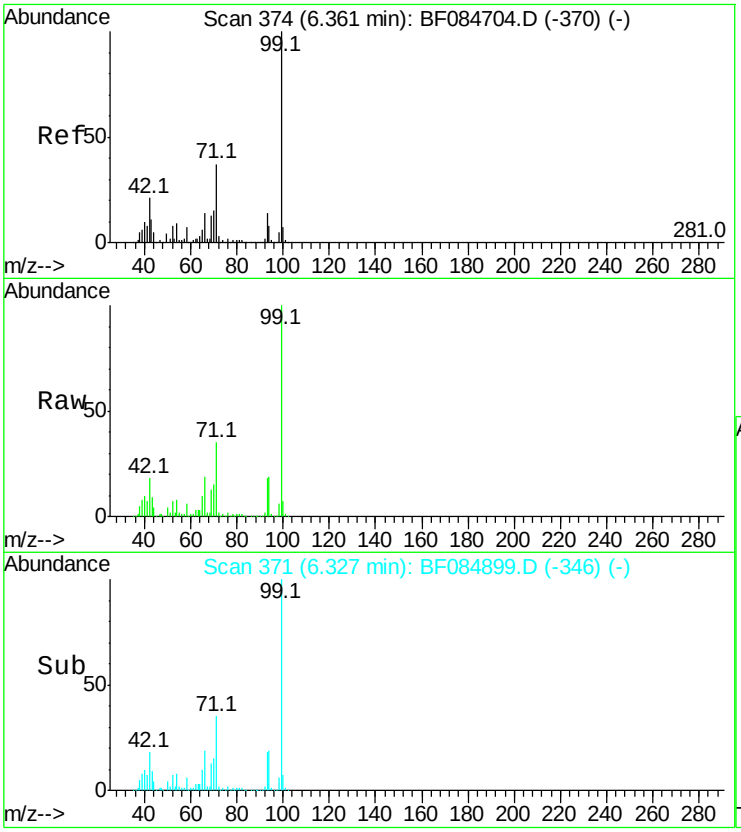


#6
Aniline
Concen: 16.25 ng
RT: 6.33 min Scan# 371
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion: 93 Resp: 271601

Ion	Ratio	Lower	Upper
93	100		
66	106.3	44.9	67.3#
65	56.4	23.7	35.5#

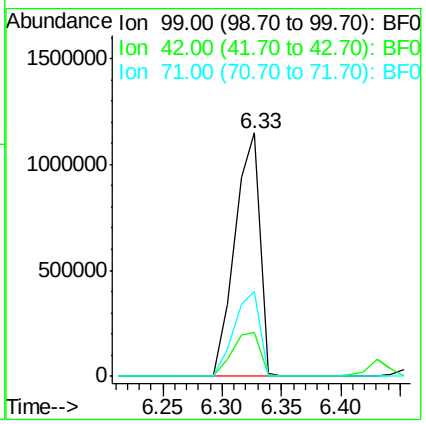




#7
Phenol-d6
Concen: 123.36 ng
RT: 6.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion: 99 Resp: 1684792

Ion	Ratio	Lower	Upper
99	100		
42	17.8	12.8	19.2
71	34.8	30.9	46.3



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ClientSampleId :
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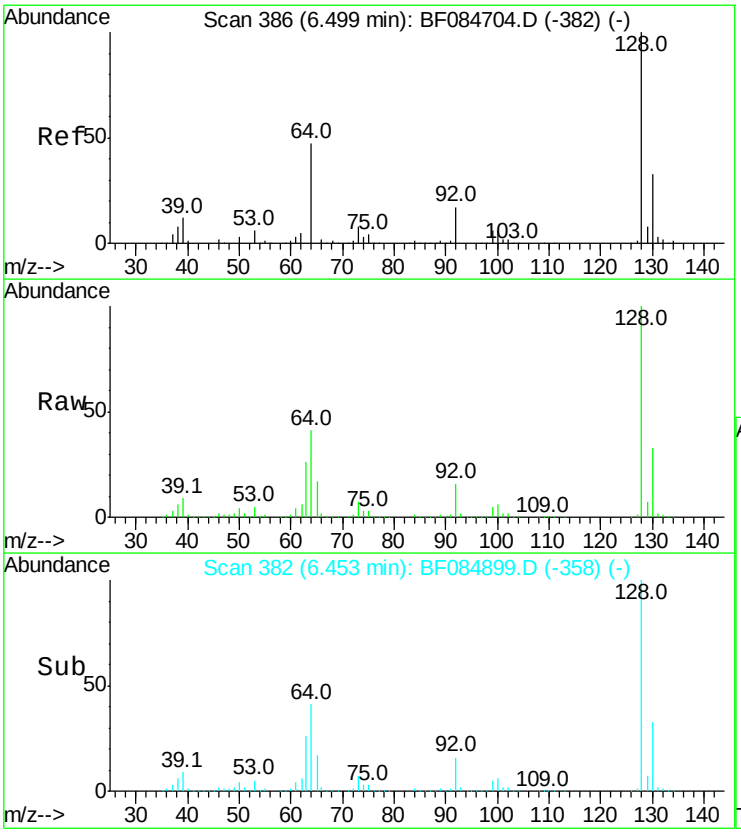
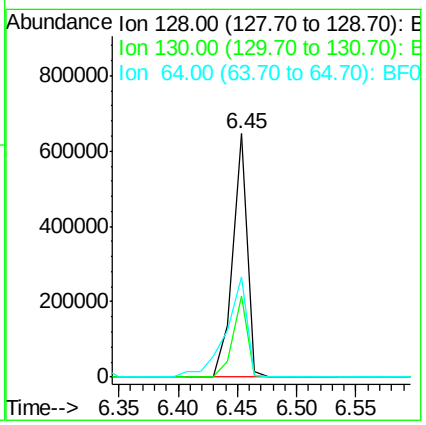
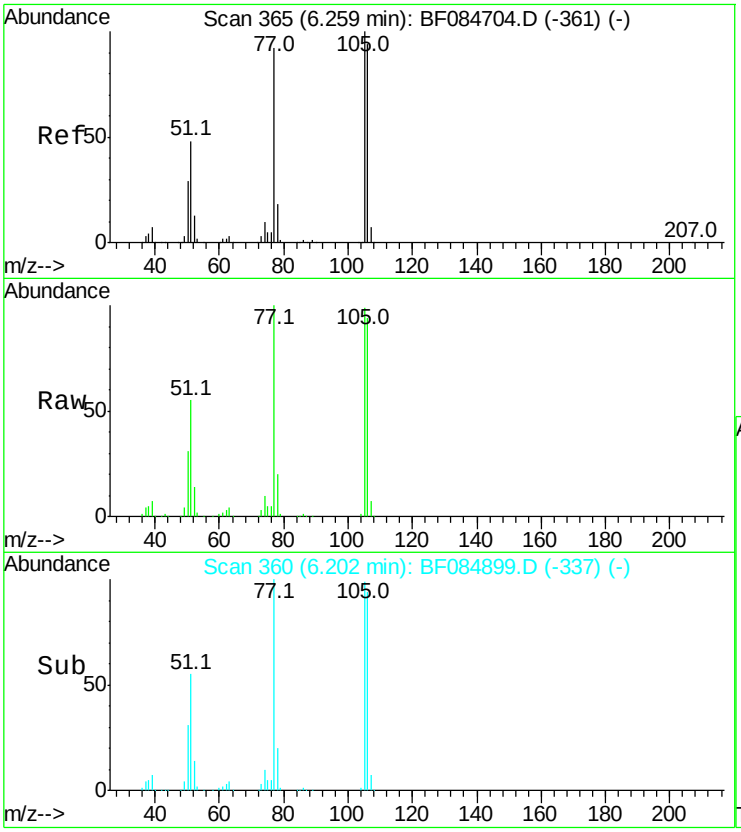


#8
2-Chlorophenol
Concen: 44.12 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:128 Resp: 550146

Ion	Ratio	Lower	Upper
128	100		
130	33.3	11.6	51.6
64	41.1	23.8	63.8

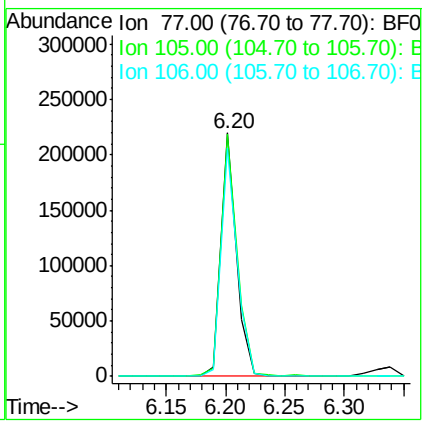




#9
Benzaldehyde
Concen: 24.30 ng
RT: 6.20 min Scan# 360
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion: 77 Resp: 195955

Ion	Ratio	Lower	Upper
77	100		
105	99.4	83.0	123.0
106	93.6	74.6	114.6



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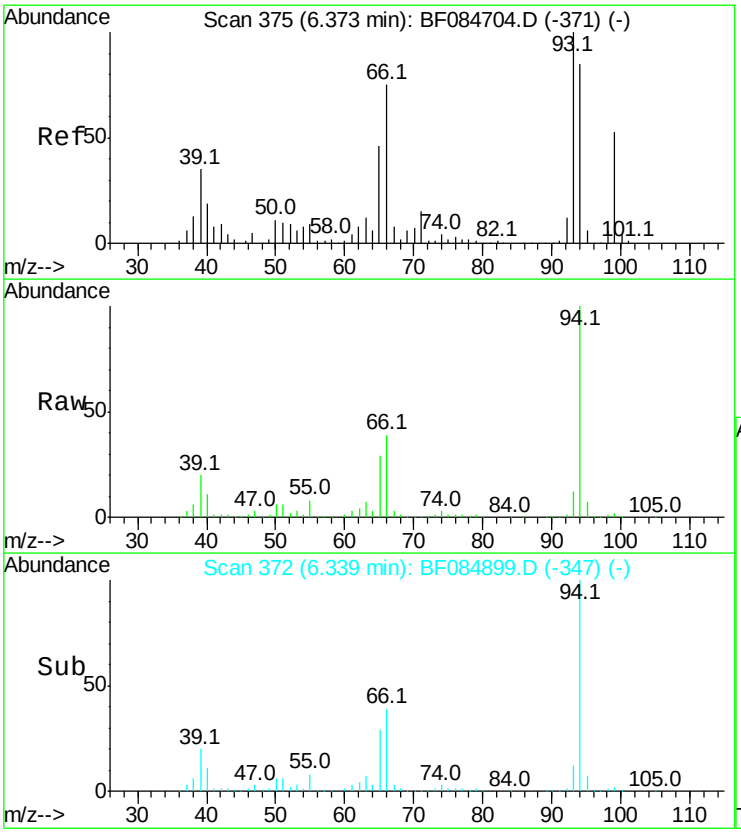
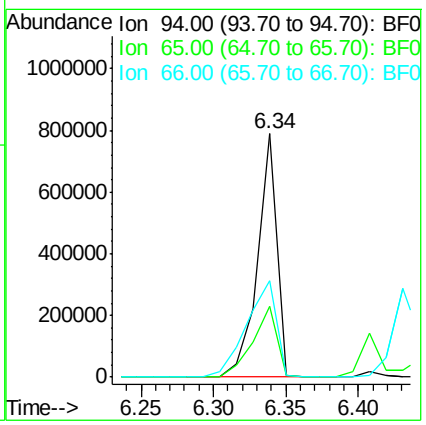
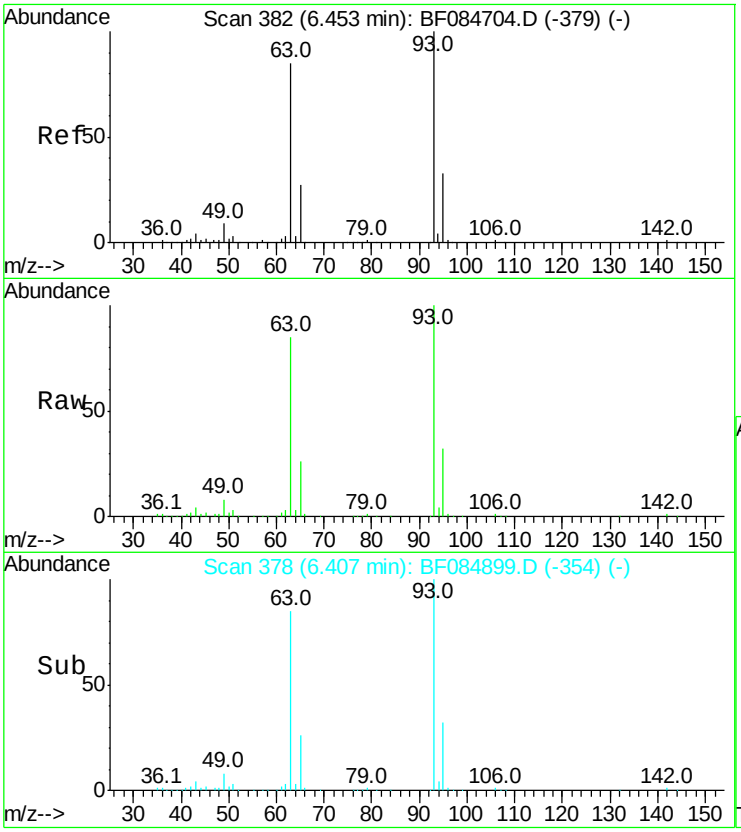


#10
Phenol
Concen: 47.89 ng
RT: 6.34 min Scan# 372
Delta R.T. -0.01 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion: 94 Resp: 732762

Ion	Ratio	Lower	Upper
94	100		
65	29.0	12.9	52.9
66	39.4	32.7	72.7

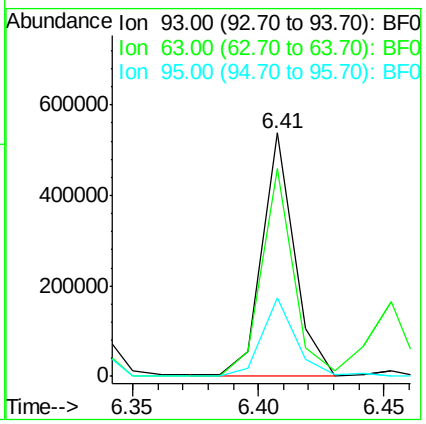




#11
bis(2-Chloroethyl)ether
Concen: 40.44 ng m
RT: 6.41 min Scan# 378
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion: 93 Resp: 482422

Ion	Ratio	Lower	Upper
93	100		
63	85.2	45.9	85.9
95	32.3	12.3	52.3



Instrument :
BNA_F
ClientSampleId :
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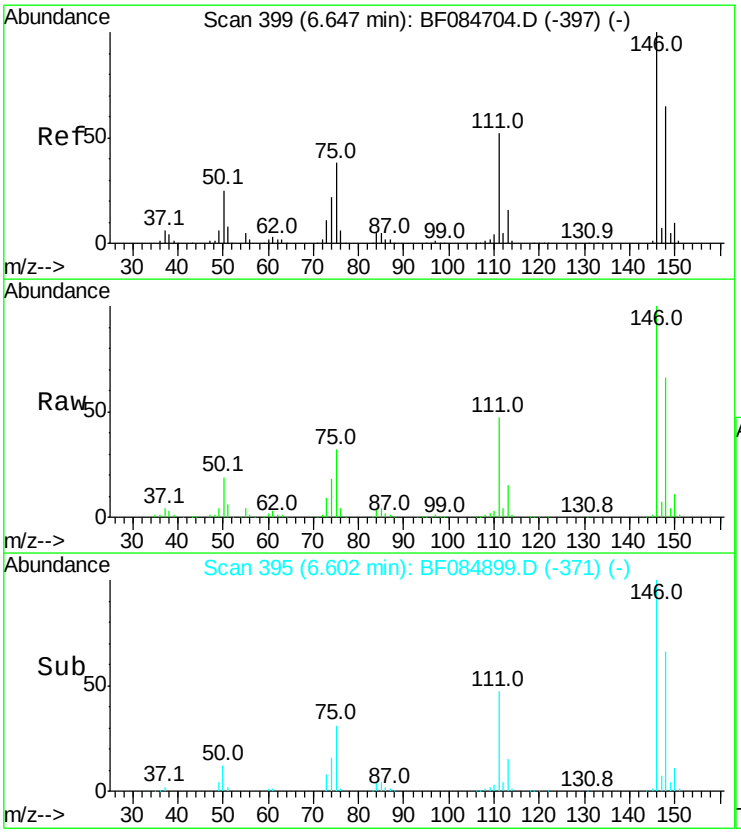
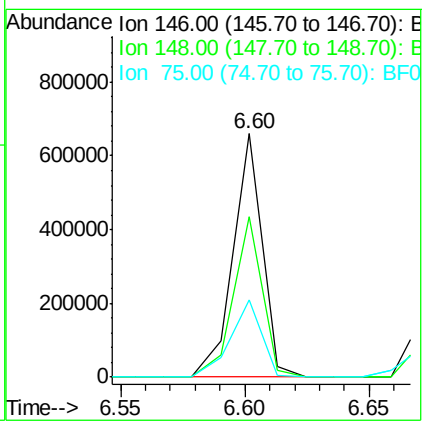
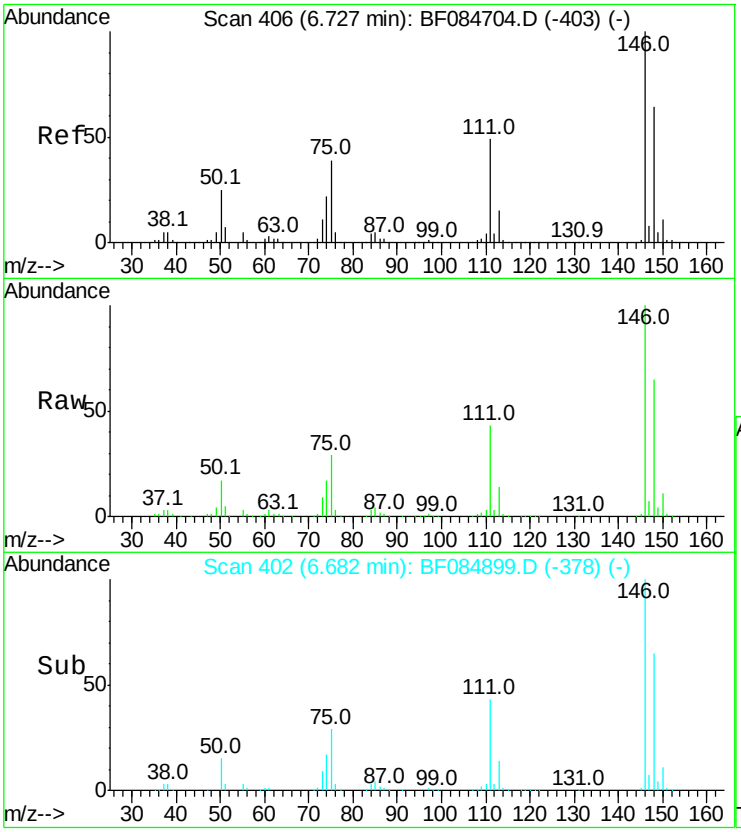


#12
1,3-Dichlorobenzene
Concen: 41.15 ng m
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:146 Resp: 542163

Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.9	77.9
75	31.7	20.5	30.7#

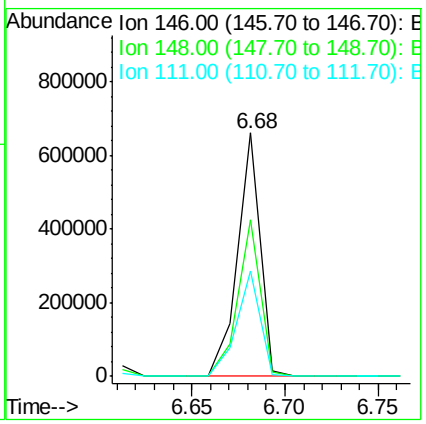




#13
1,4-Dichlorobenzene
Concen: 42.93 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:146 Resp: 565426

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	43.0	41.6	62.4



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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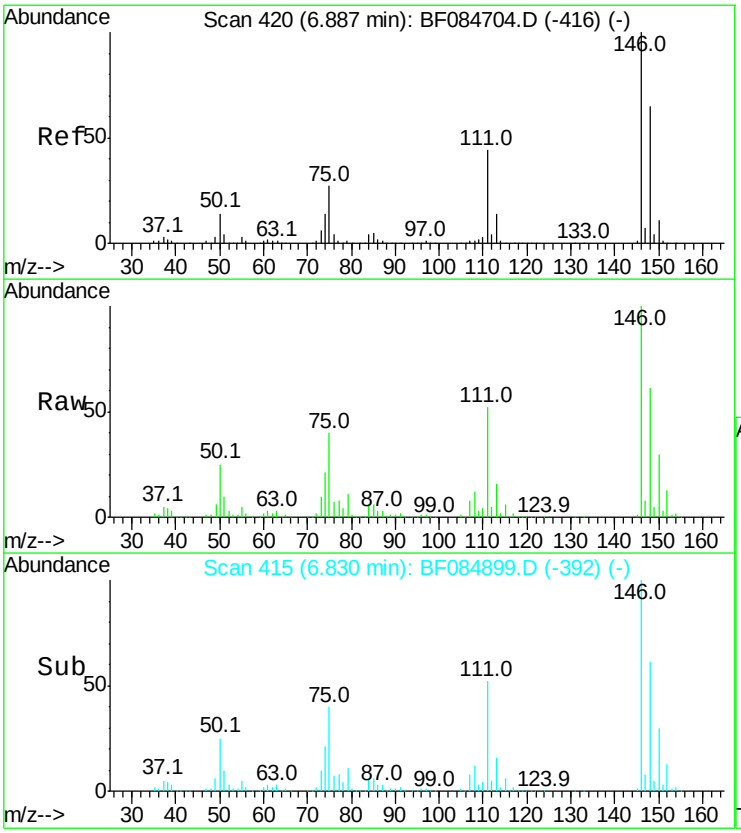
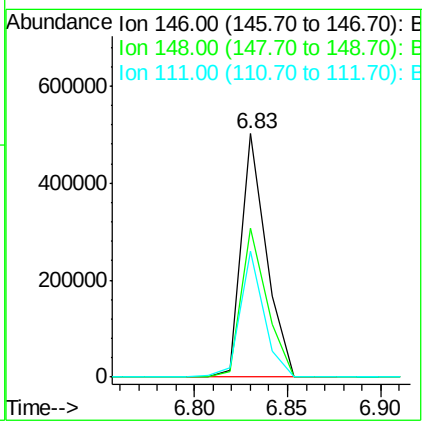
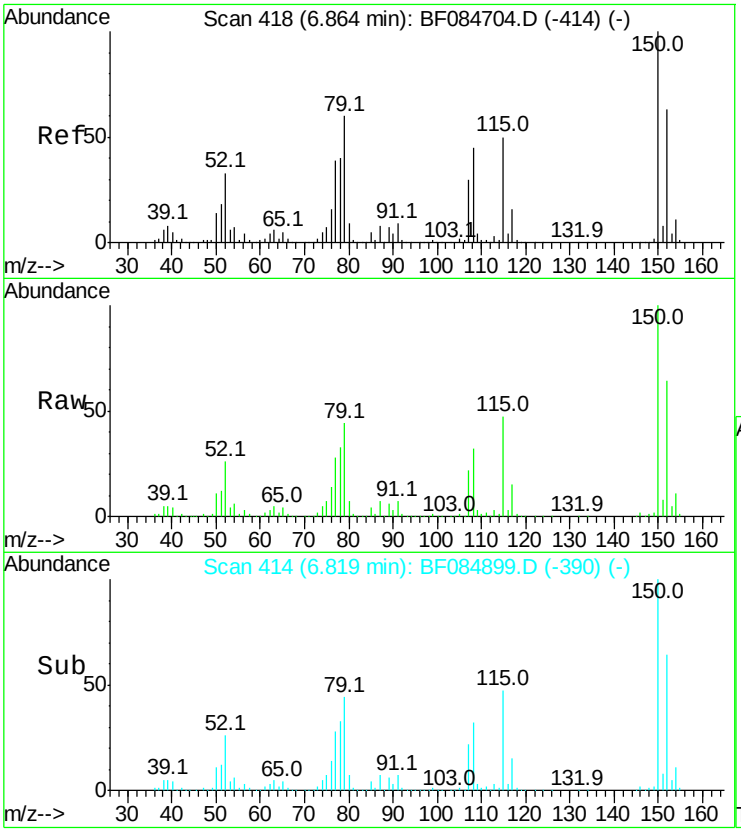


#14
1,2-Dichlorobenzene
Concen: 38.20 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:146 Resp: 468647

Ion	Ratio	Lower	Upper
146	100		
148	61.3	51.6	77.4
111	51.6	38.0	57.0

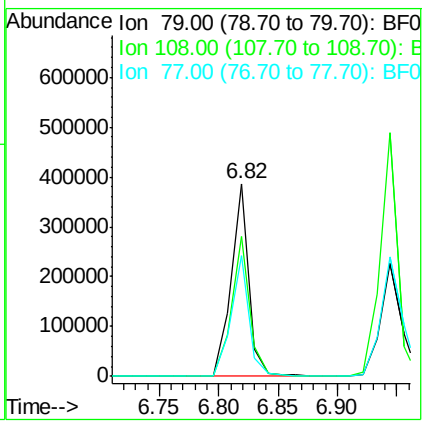




#15
Benzyl Alcohol
Concen: 42.69 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion: 79 Resp: 402621

Ion	Ratio	Lower	Upper
79	100		
108	72.8	69.0	103.4
77	62.6	50.0	75.0



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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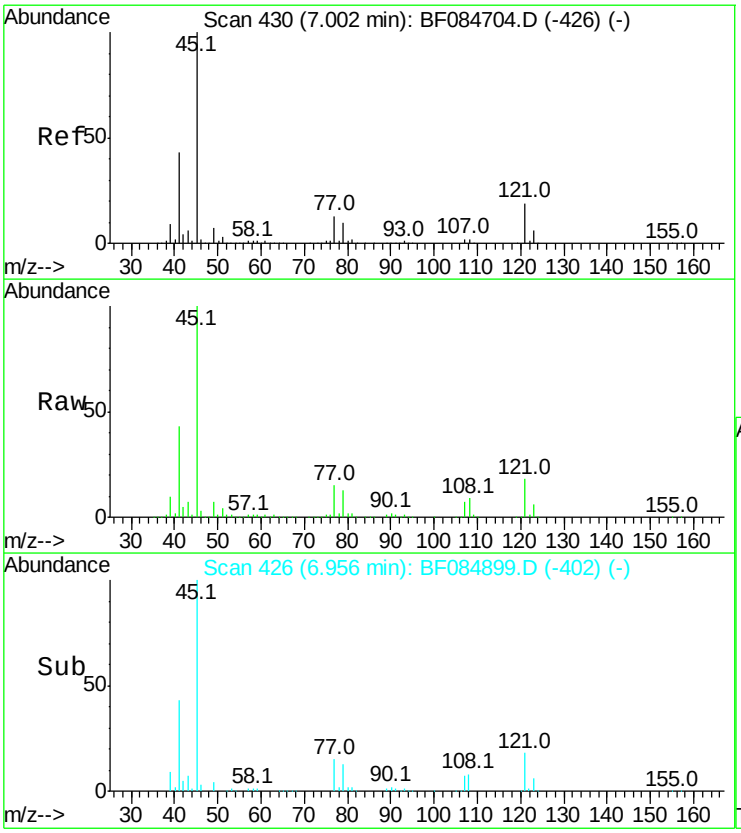
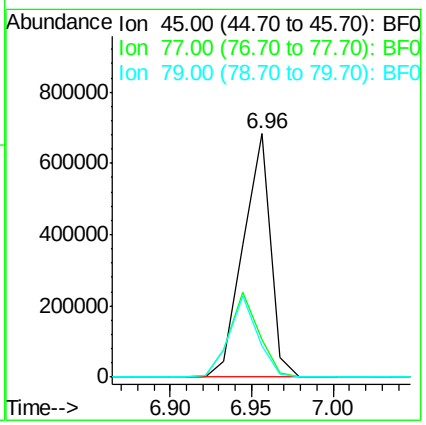
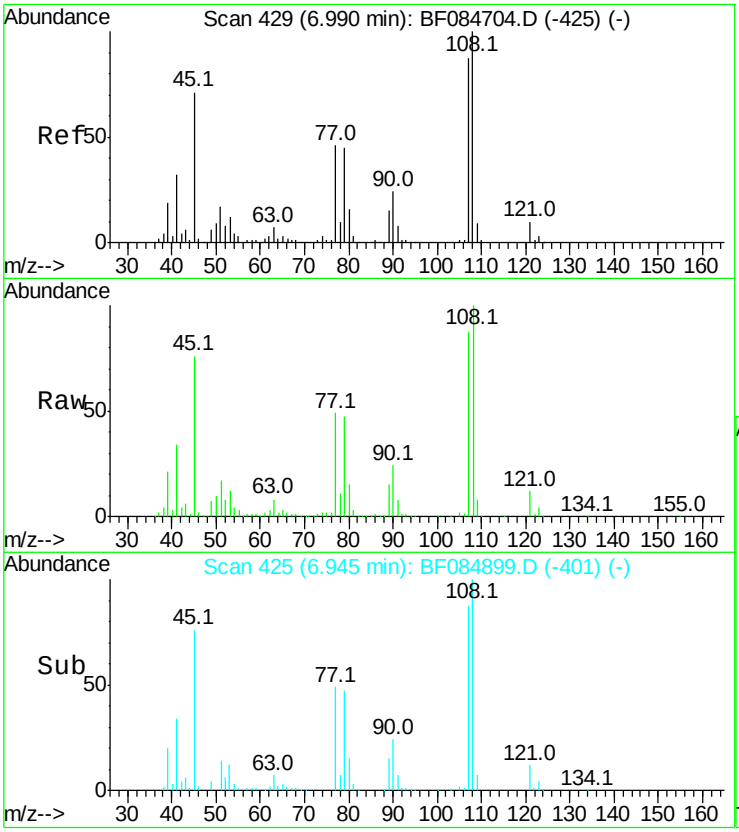


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.47 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion: 45 Resp: 792082

Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	39.6
79	12.7	0.0	35.0

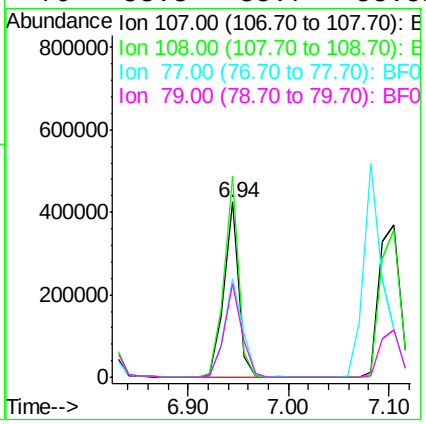




#17
2-Methylphenol
Concen: 44.11 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:107 Resp: 434964

Ion	Ratio	Lower	Upper
107	100		
108	115.2	89.8	134.6
77	56.6	35.7	53.5#
79	53.8	35.7	53.5#



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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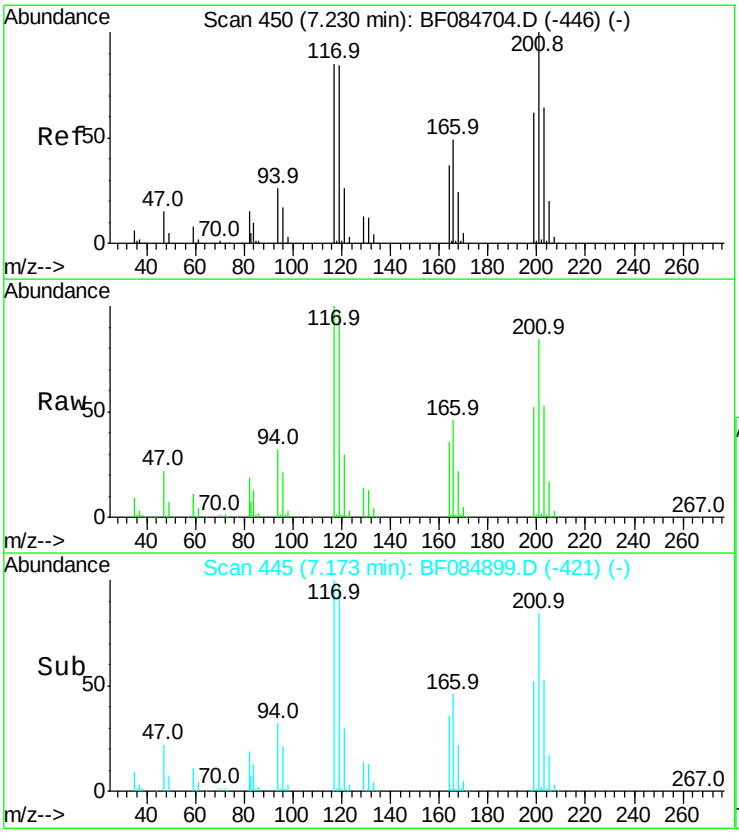
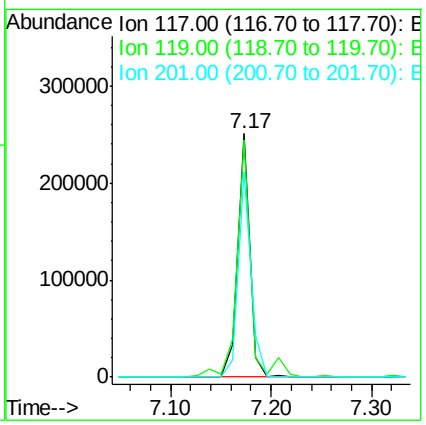
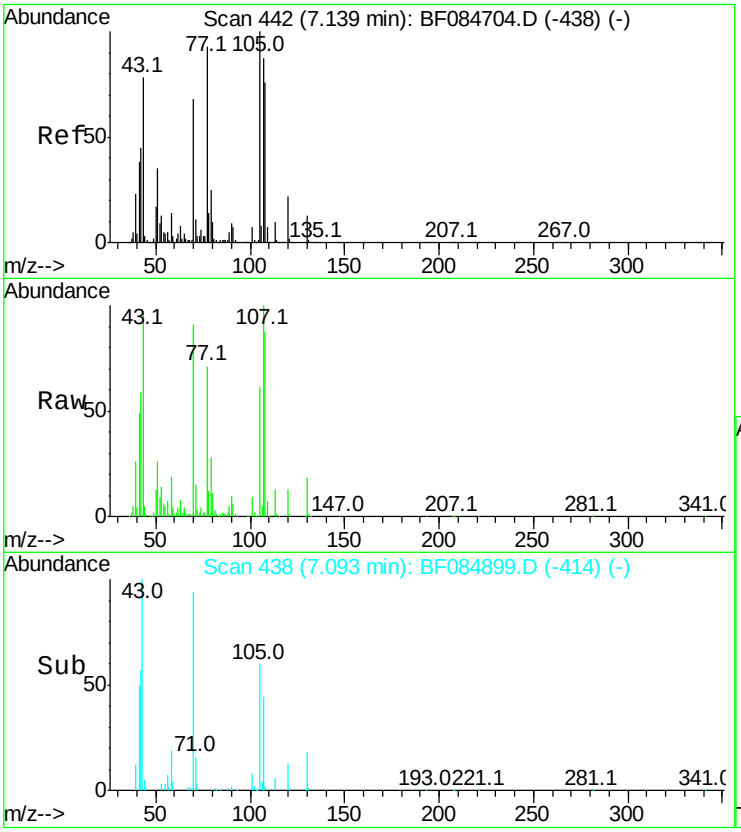


#18
Hexachloroethane
Concen: 41.81 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:117 Resp: 212072

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.4	116.0
201	84.4	68.6	103.0

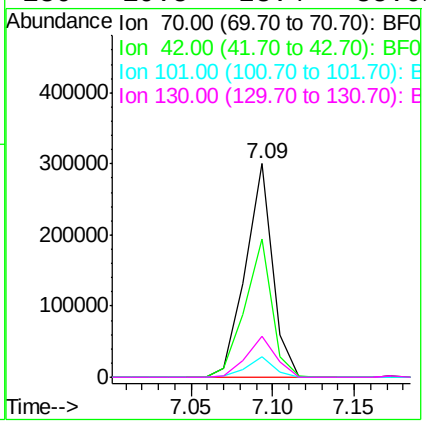




#19
n-Nitroso-di-n-propylamine
Concen: 40.32 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion: 70 Resp: 345141

Ion	Ratio	Lower	Upper
70	100		
42	64.5	33.3	49.9#
101	9.4	9.3	13.9
130	19.5	23.4	35.0#



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

Manual Integrations APPROVED
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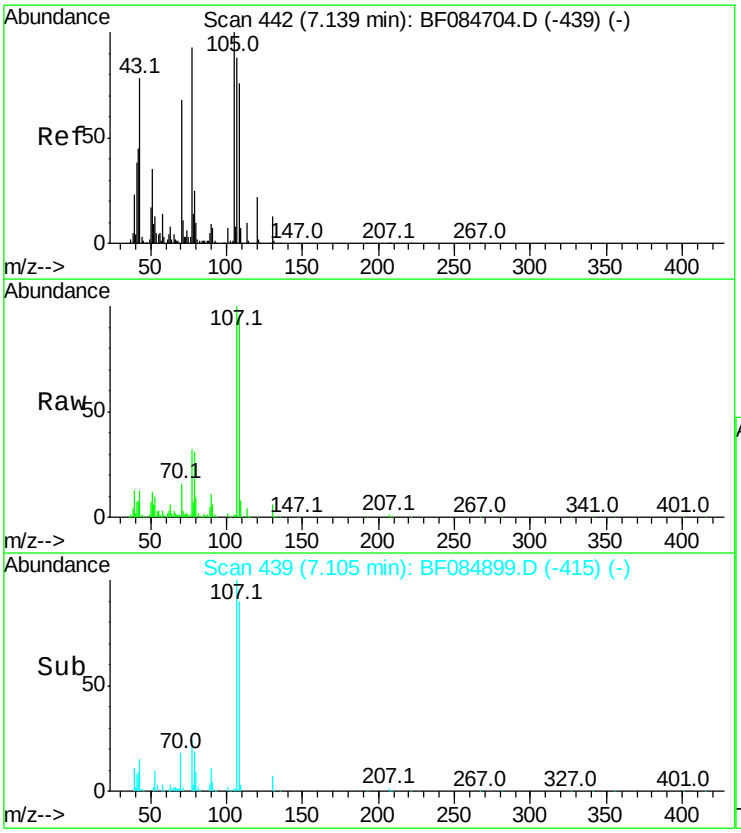
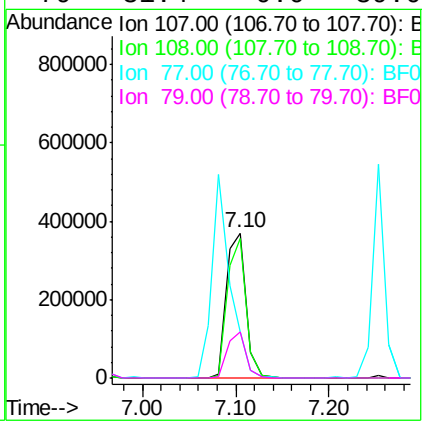
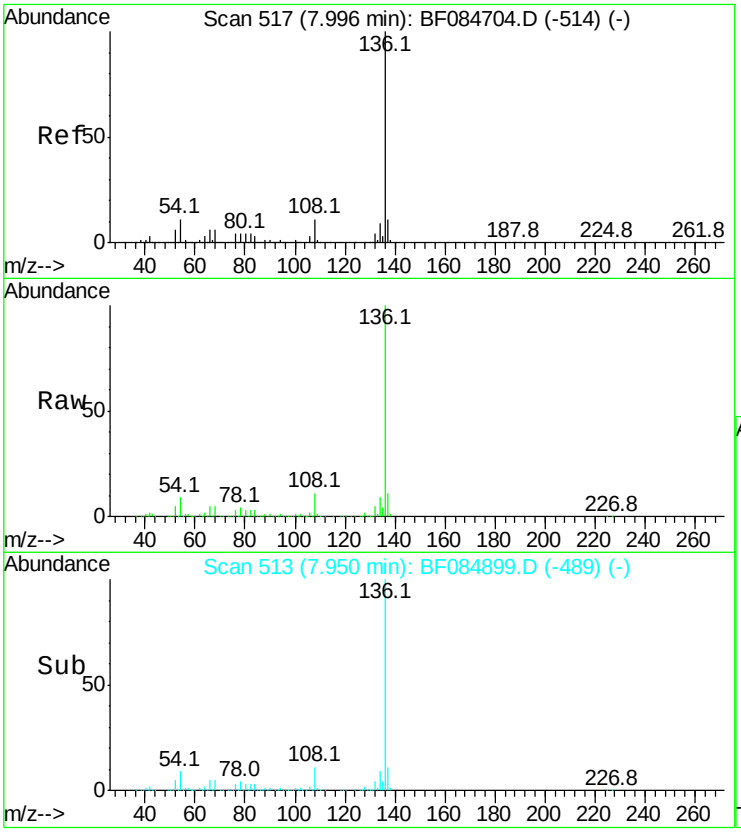


#20
3+4-Methylphenols
Concen: 44.37 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:107 Resp: 543172

Ion	Ratio	Lower	Upper
107	100		
108	96.2	74.6	114.6
77	31.7	0.7	40.7
79	31.4	0.0	39.0

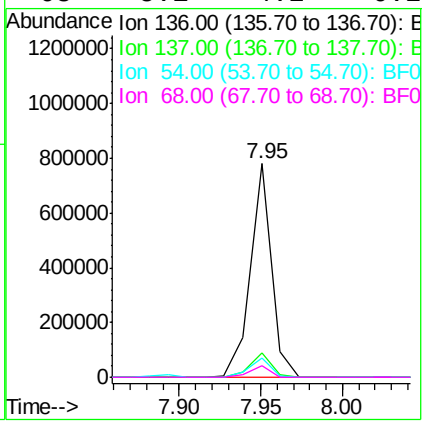




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:136 Resp: 701232

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.9	5.8	8.8#
68	5.1	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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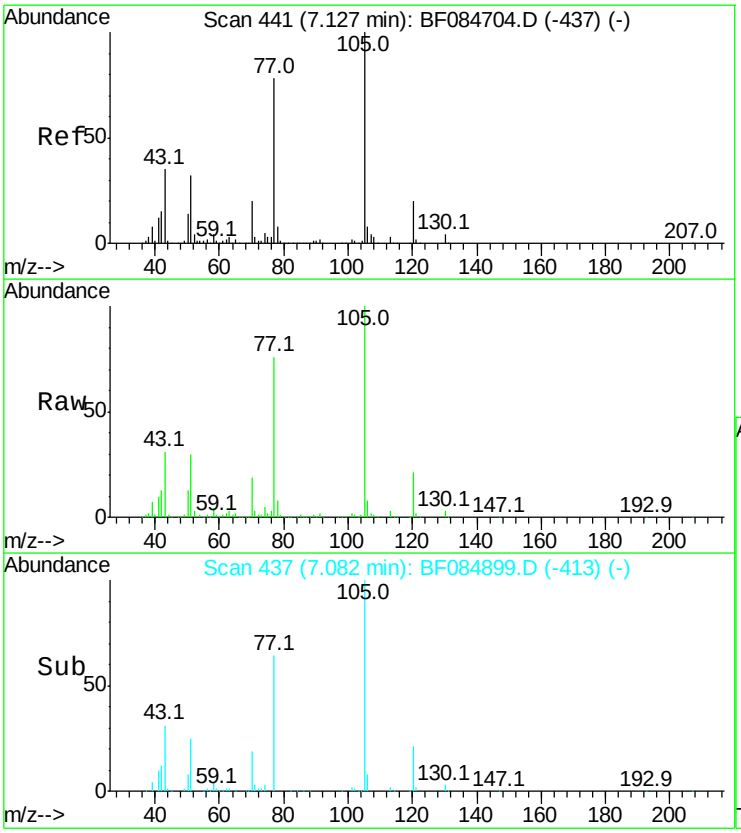
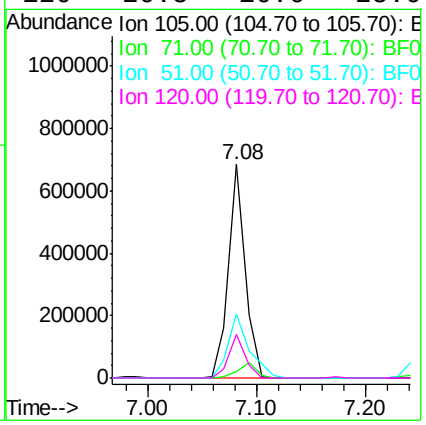
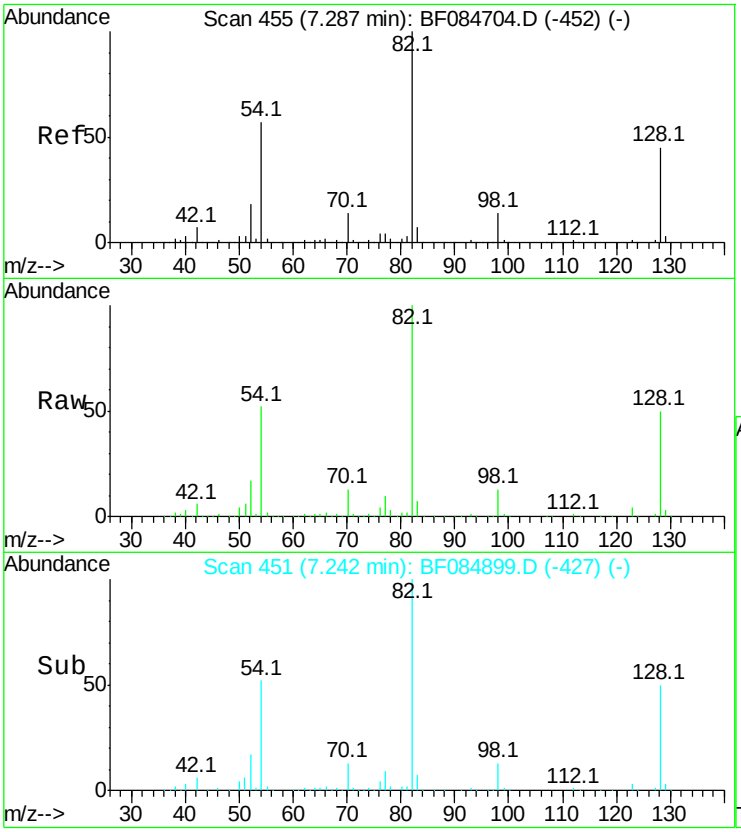


#22
Acetophenone
Concen: 39.39 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:105 Resp: 727991

Ion	Ratio	Lower	Upper
105	100		
71	3.0	3.7	5.5#
51	30.1	25.1	37.7
120	20.5	16.6	25.0

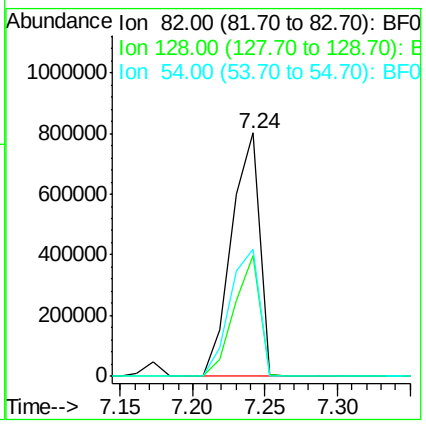




#23
Nitrobenzene-d5
Concen: 86.06 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion: 82 Resp: 1071273

Ion	Ratio	Lower	Upper
82	100		
128	49.6	34.6	51.8
54	52.0	38.4	57.6



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

Manual Integrations APPROVED
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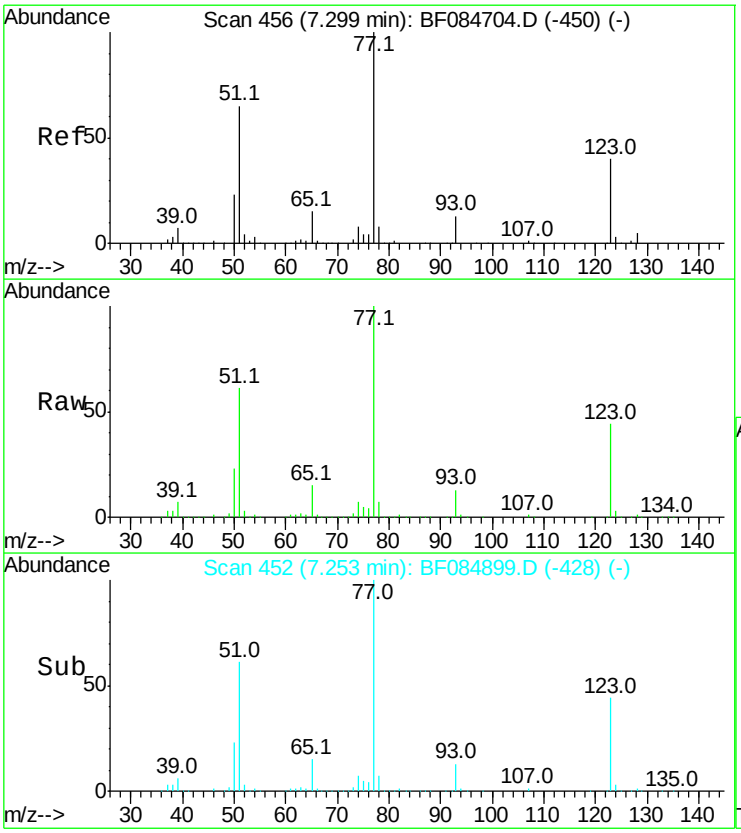
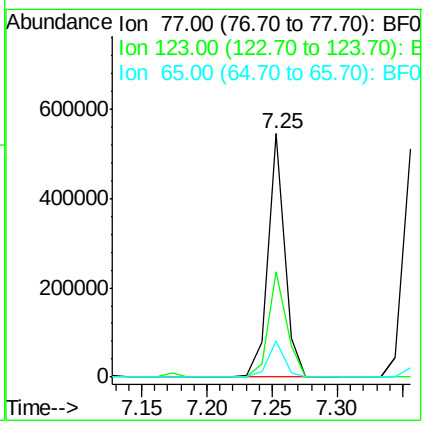
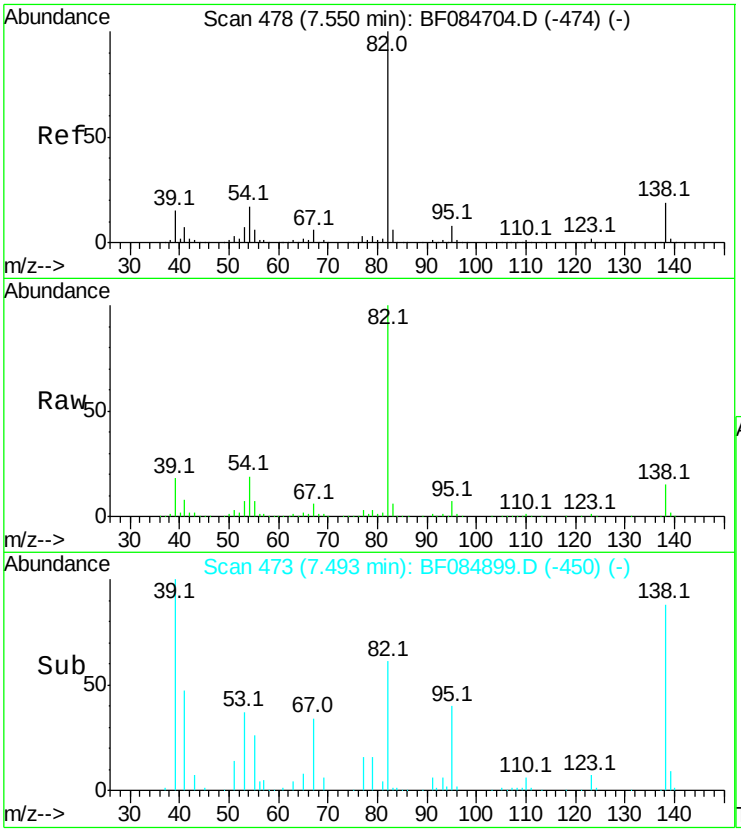


#24
Nitrobenzene
Concen: 36.93 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion: 77 Resp: 492250

Ion	Ratio	Lower	Upper
77	100		
123	43.5	37.4	56.2
65	14.8	10.9	16.3

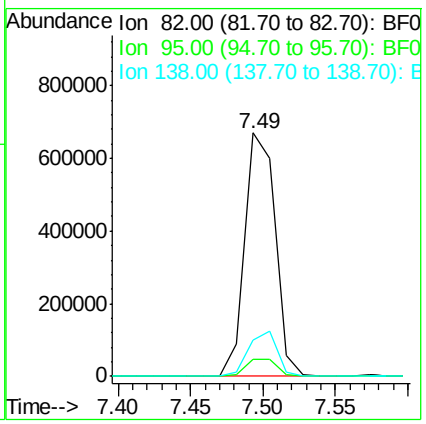




#25
Isophorone
Concen: 40.24 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion: 82 Resp: 973944

Ion	Ratio	Lower	Upper
82	100		
95	6.9	6.6	10.0
138	15.1	13.6	20.4



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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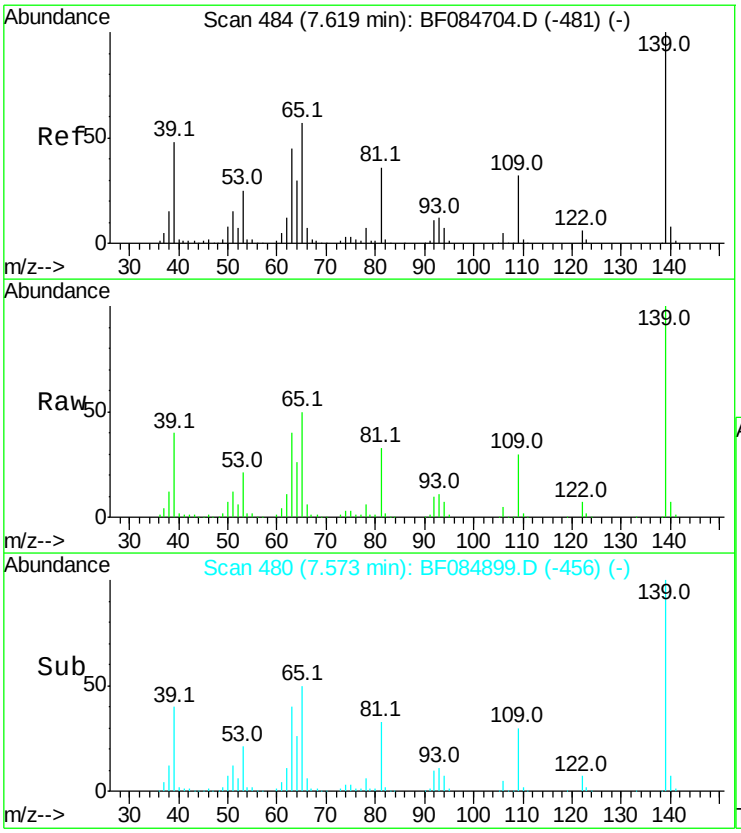
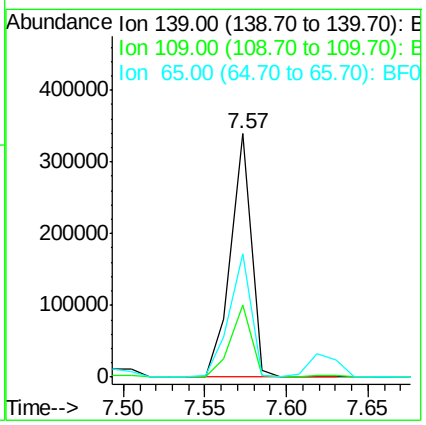
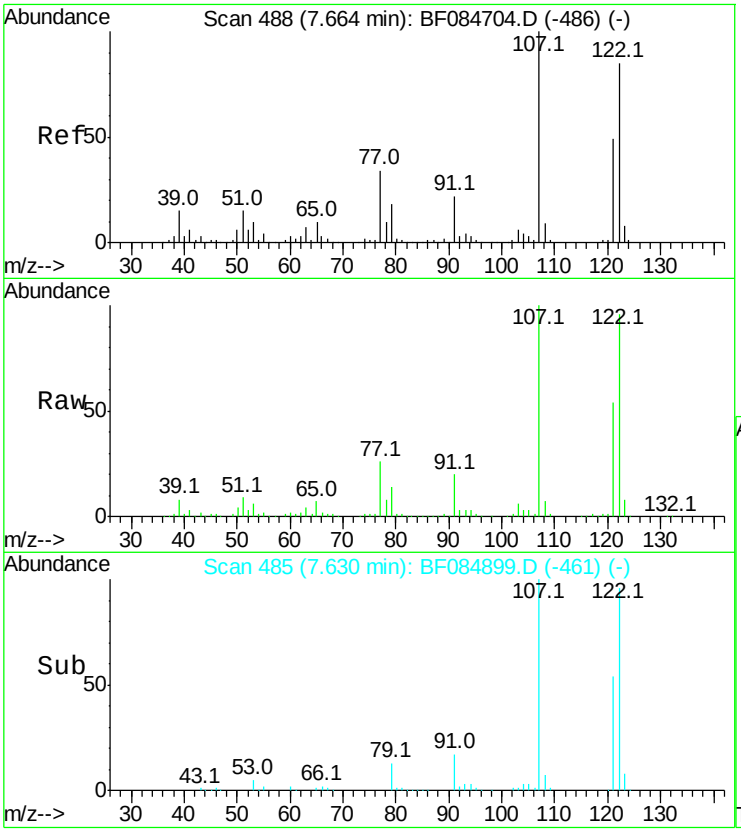


#26
2-Nitrophenol
Concen: 45.12 ng
RT: 7.57 min Scan# 480
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:139 Resp: 296667

Ion	Ratio	Lower	Upper
139	100		
109	29.7	25.4	38.2
65	50.4	32.3	48.5#

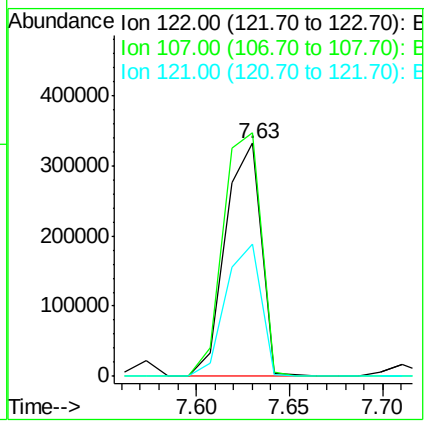




#27
2,4-Dimethylphenol
Concen: 38.97 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:122 Resp: 445659

Ion	Ratio	Lower	Upper
122	100		
107	104.4	99.1	148.7
121	56.8	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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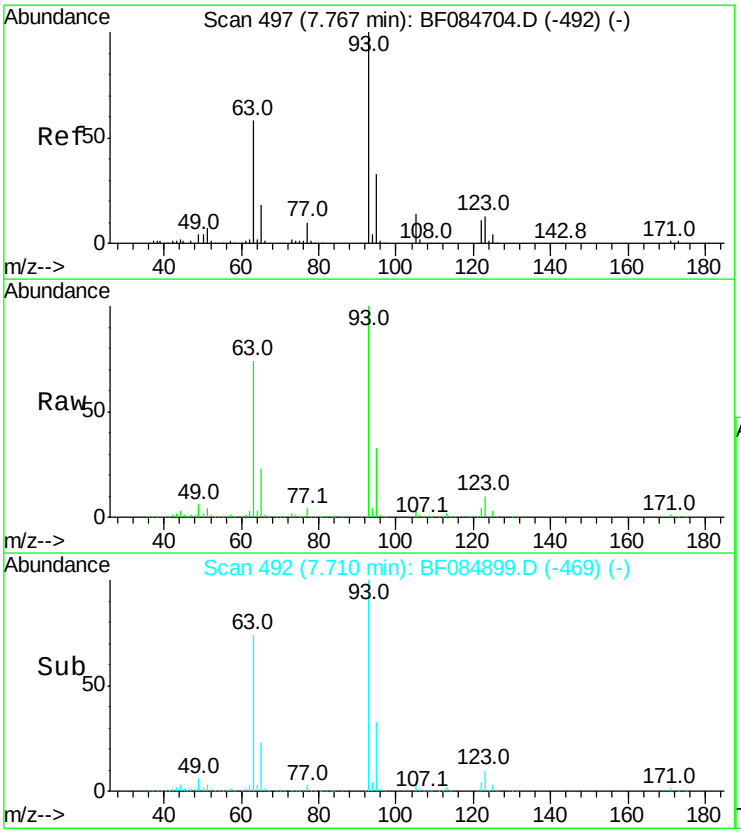
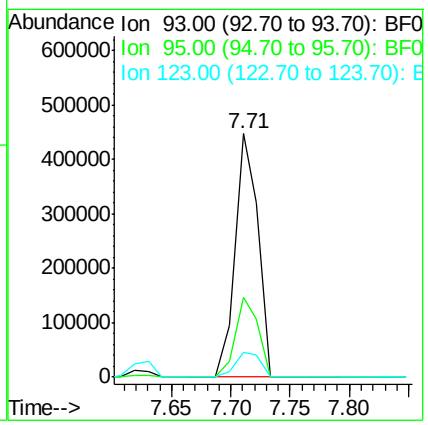
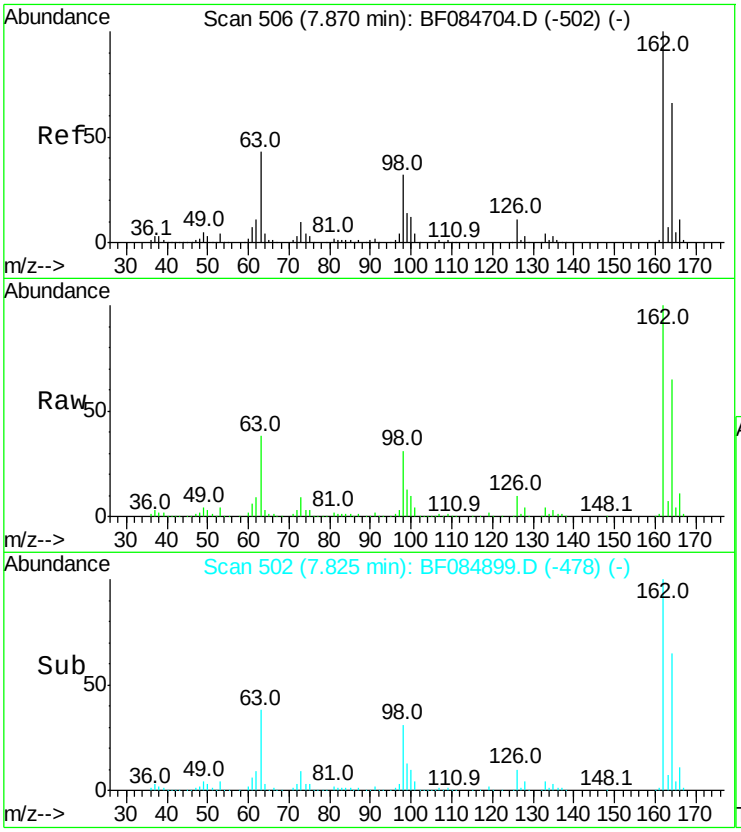


#28
bis(2-Chloroethoxy)methane
Concen: 41.29 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion: 93 Resp: 592905

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.8	38.6
123	10.3	8.6	12.8

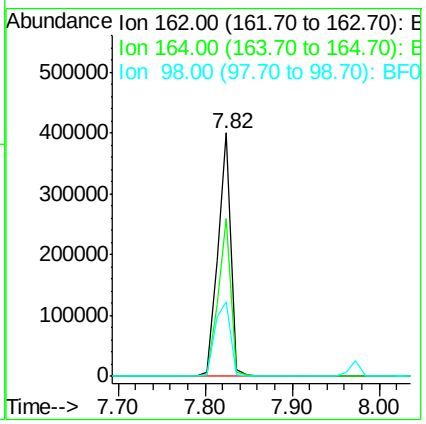




#29
2,4-Dichlorophenol
Concen: 43.05 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:162 Resp: 421218

Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.1	84.1
98	30.6	20.2	60.2



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

Manual Integrations APPROVED
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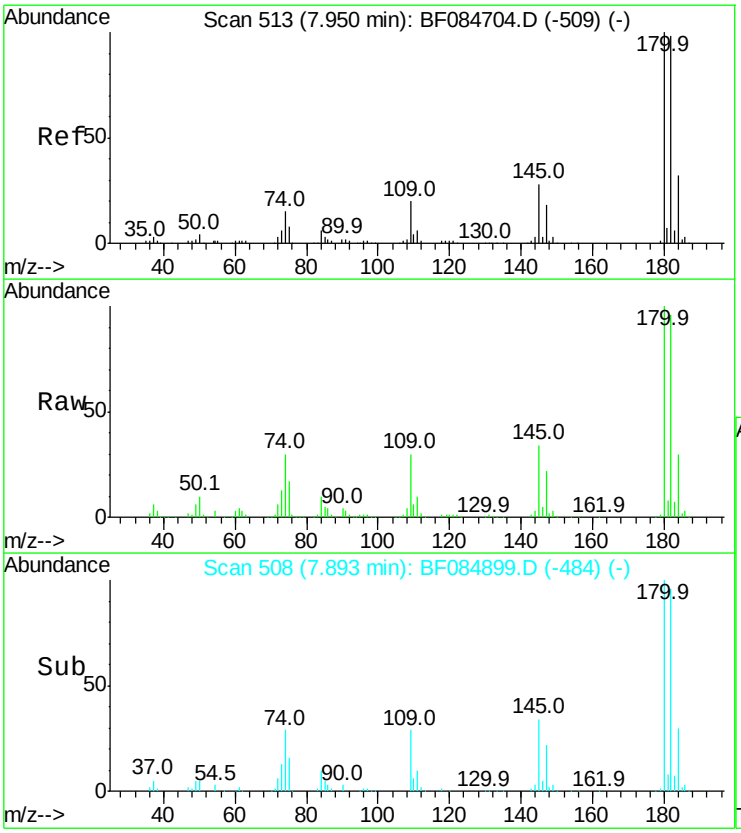
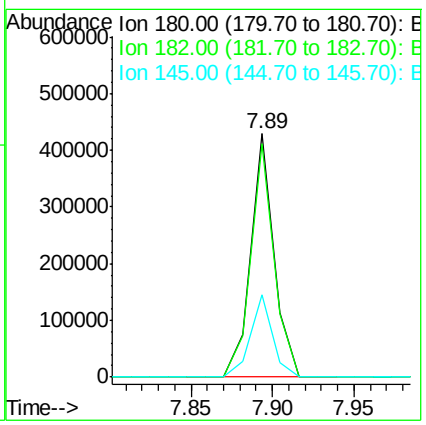
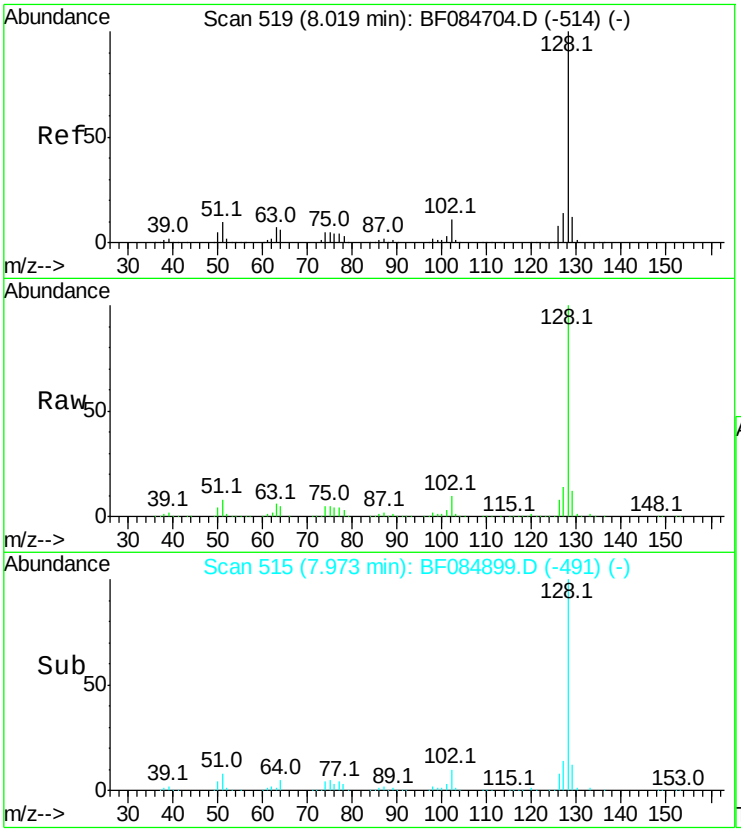


#30
1,2,4-Trichlorobenzene
Concen: 38.43 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:180 Resp: 424679

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.4	114.6
145	34.0	31.6	47.4

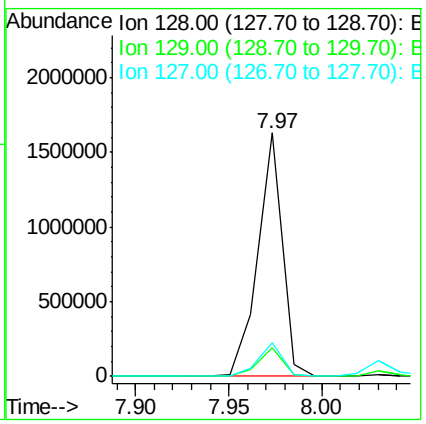




#31
Naphthalene
Concen: 41.68 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:128 Resp: 1465911

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	14.0	11.1	16.7



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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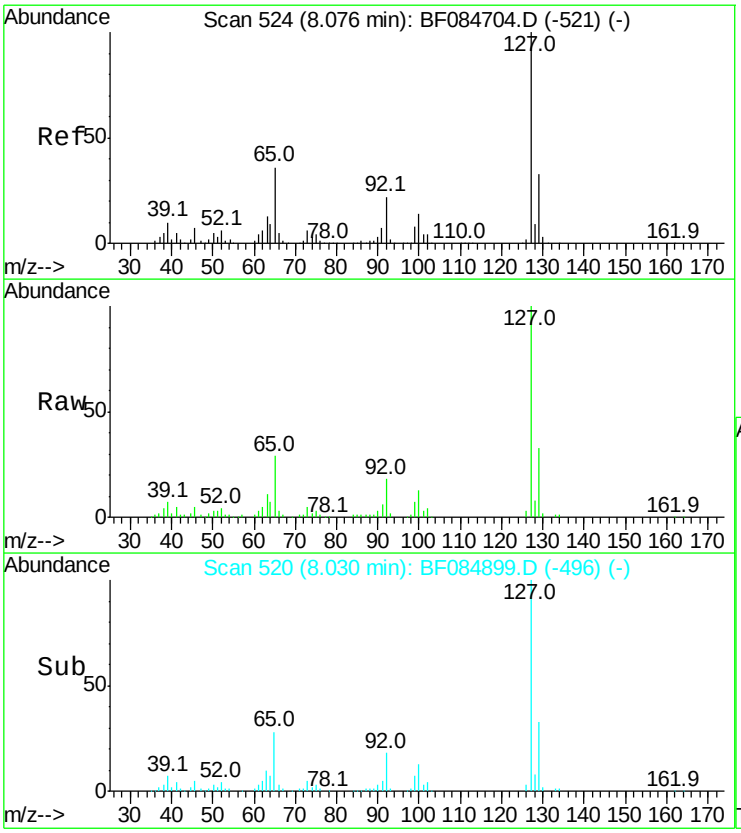
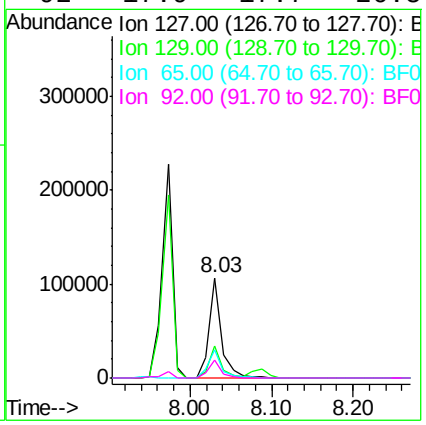
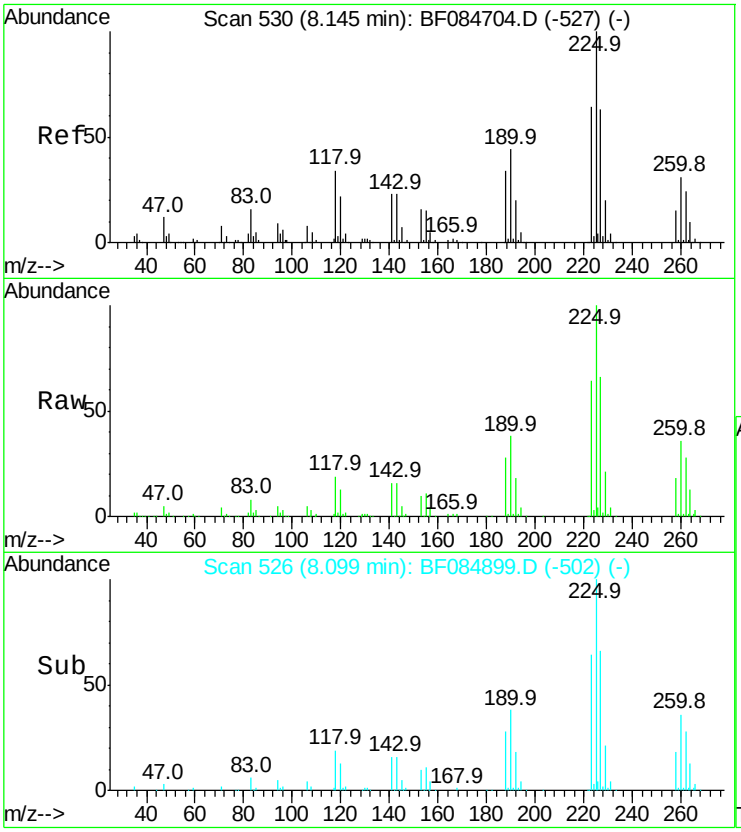


#33
4-Chloroaniline
Concen: 8.08 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:127 Resp: 117574

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.5	39.7
65	28.8	27.2	40.8
92	17.9	17.7	26.5

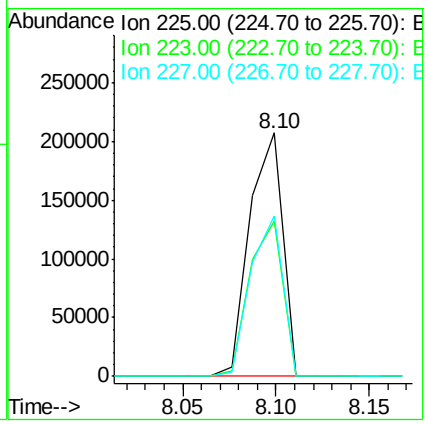




#34
Hexachlorobutadiene
Concen: 39.81 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:225 Resp: 253701

Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.4	74.0
227	66.1	50.8	76.2



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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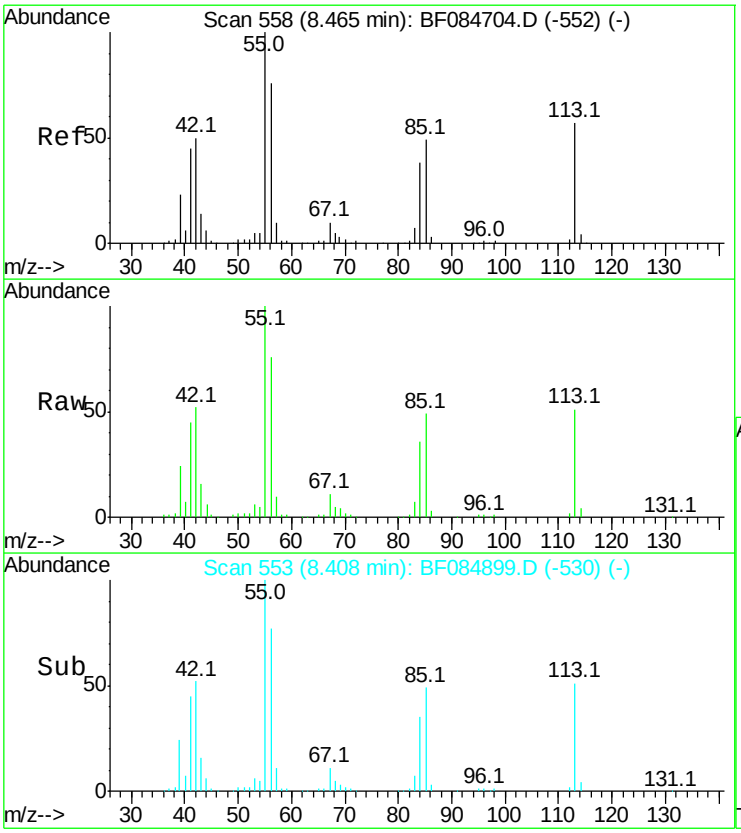
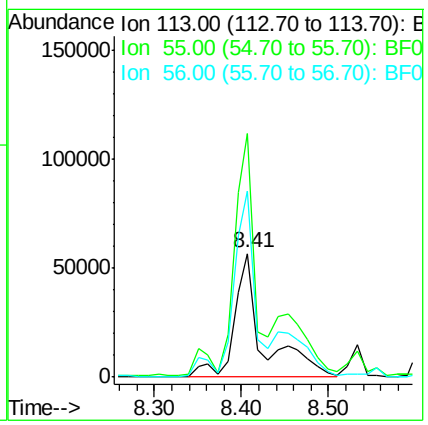
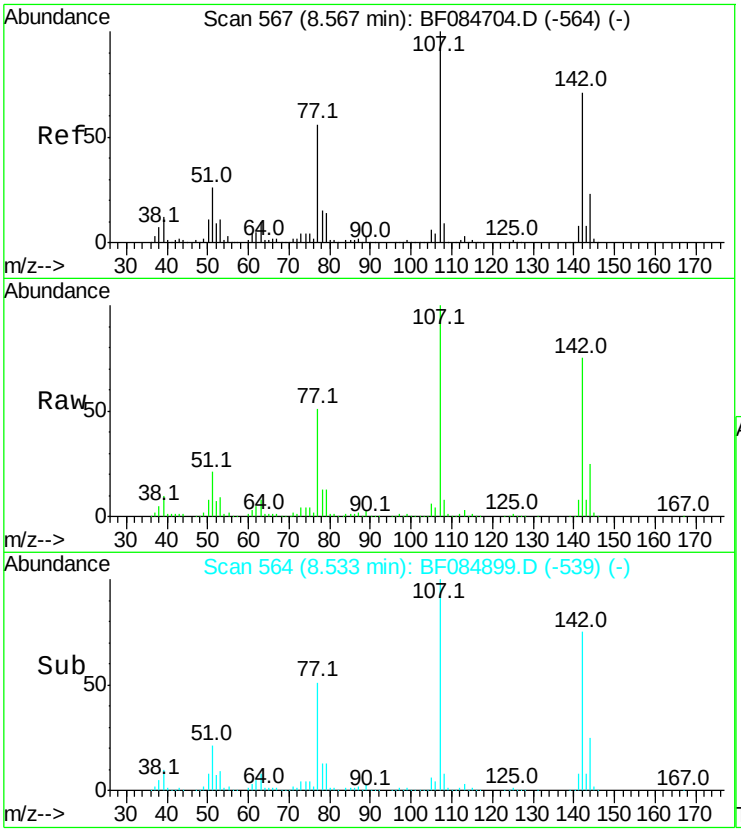


#35
Caprolactam
Concen: 43.63 ng m
RT: 8.41 min Scan# 553
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:113 Resp: 131575

Ion	Ratio	Lower	Upper
113	100		
55	197.1	116.9	156.9#
56	150.2	93.8	133.8#

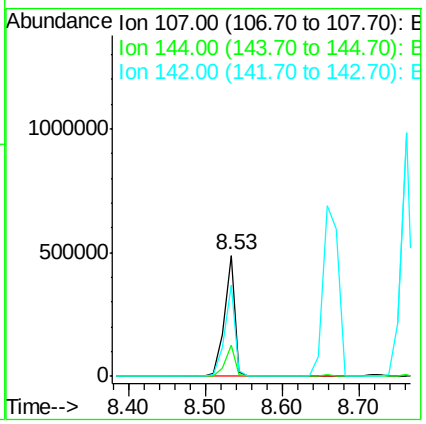




#36
4-Chloro-3-methylphenol
Concen: 42.89 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:107 Resp: 478795

Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.7	29.5
142	75.2	61.8	92.6



Instrument :
BNA_F
ClientSampleId :
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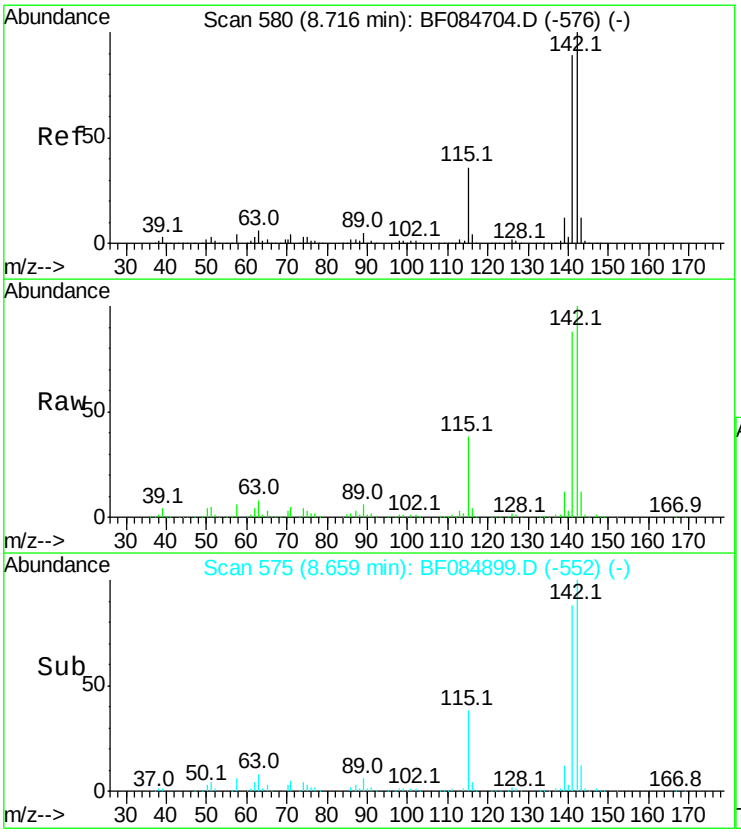
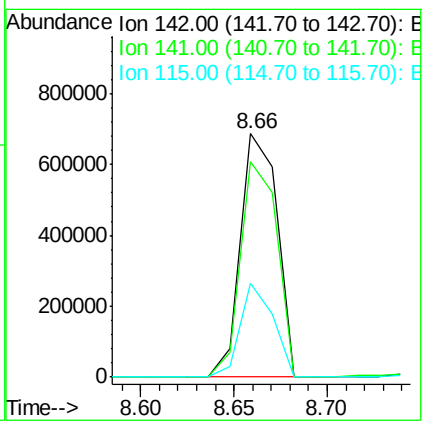
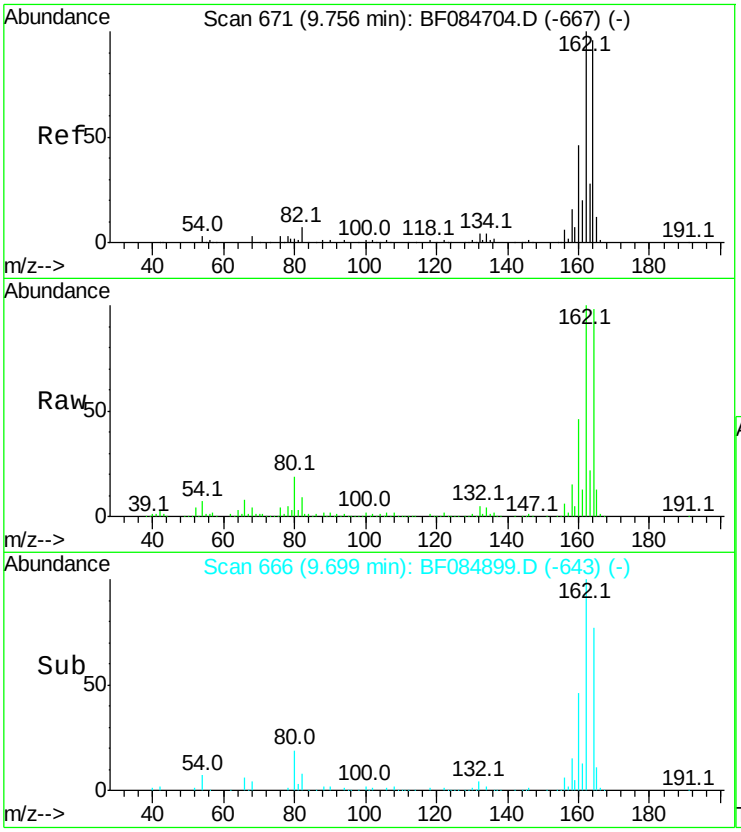


#37
2-Methylnaphthalene
Concen: 42.56 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:142 Resp: 936840

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.4	108.6
115	38.5	27.9	41.9

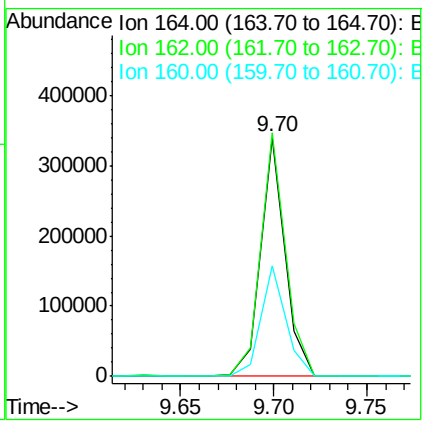




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:164 Resp: 304956

Ion	Ratio	Lower	Upper
164	100		
162	102.1	85.1	127.7
160	46.5	37.5	56.3



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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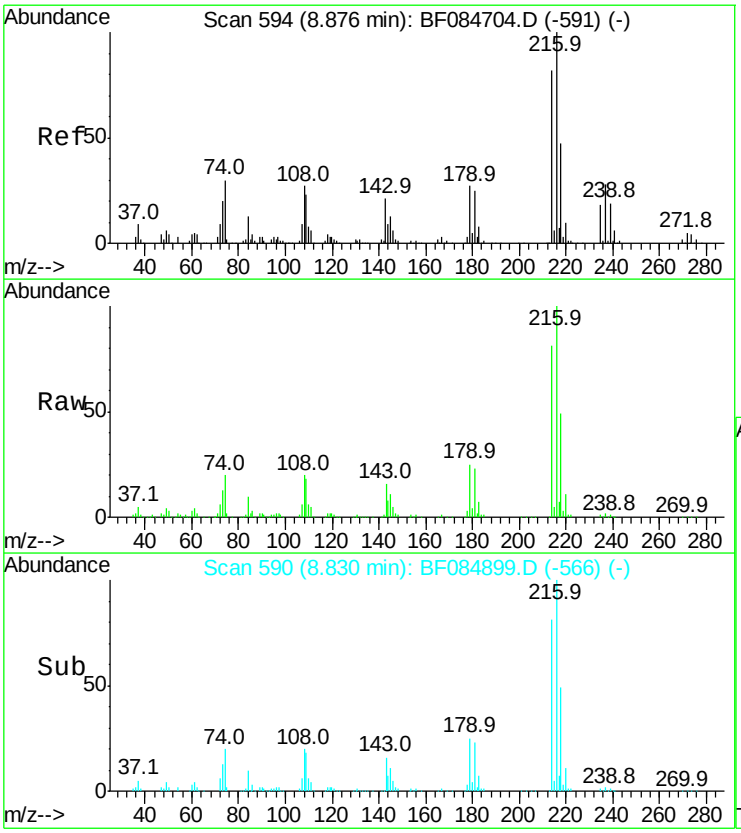
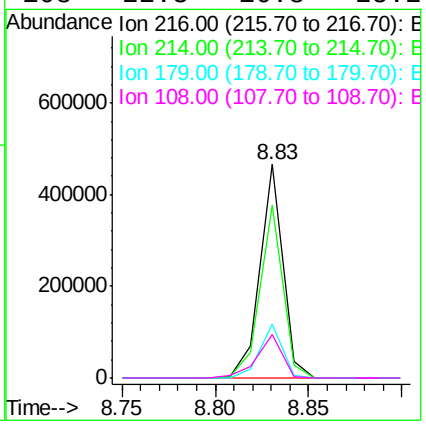
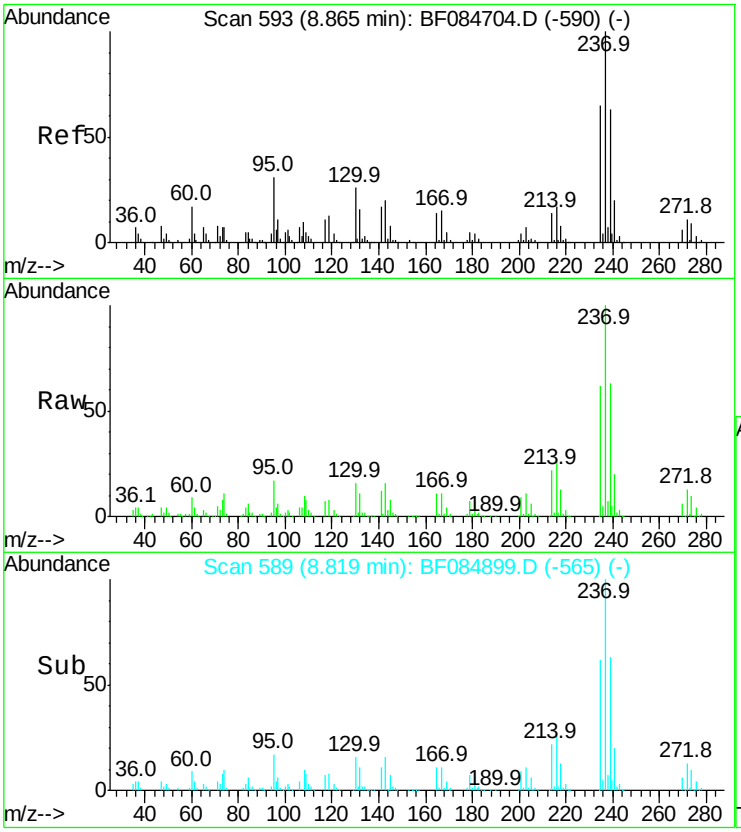


#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.74 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:216 Resp: 394531

Ion	Ratio	Lower	Upper
216	100		
214	80.3	64.2	96.2
179	24.6	18.7	28.1
108	22.3	16.8	25.2

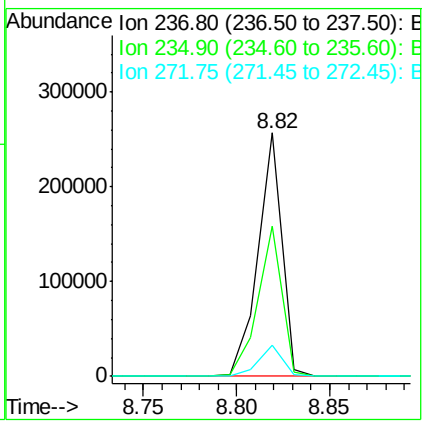




#40
Hexachlorocyclopentadiene
Concen: 59.44 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:237 Resp: 227117

Ion	Ratio	Lower	Upper
237	100		
235	61.9	43.1	83.1
272	12.6	0.0	35.1



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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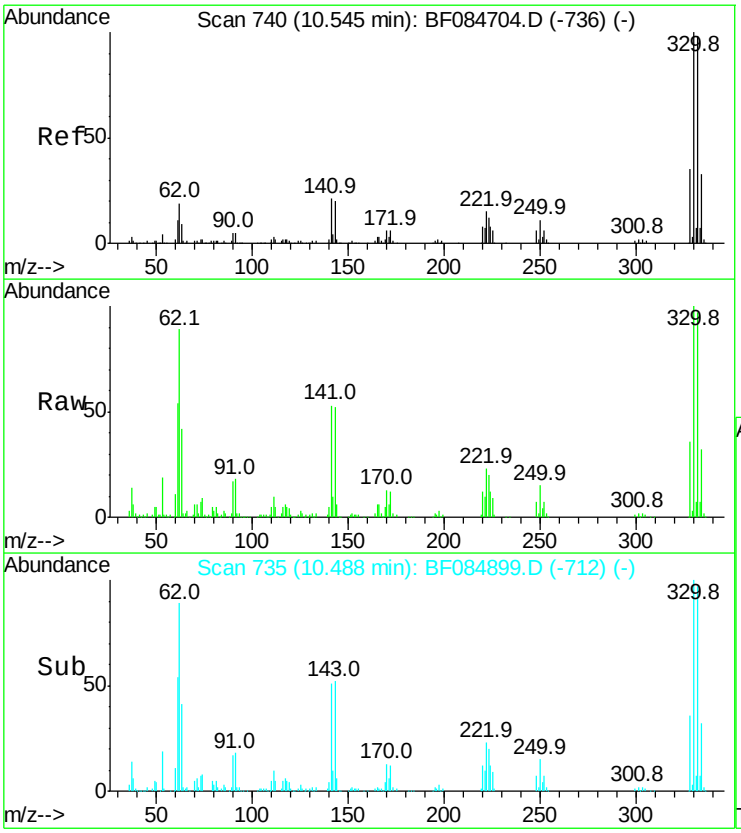
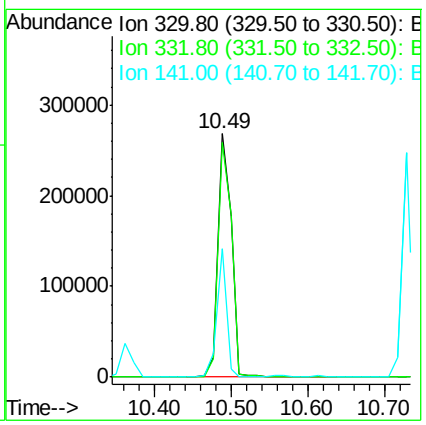
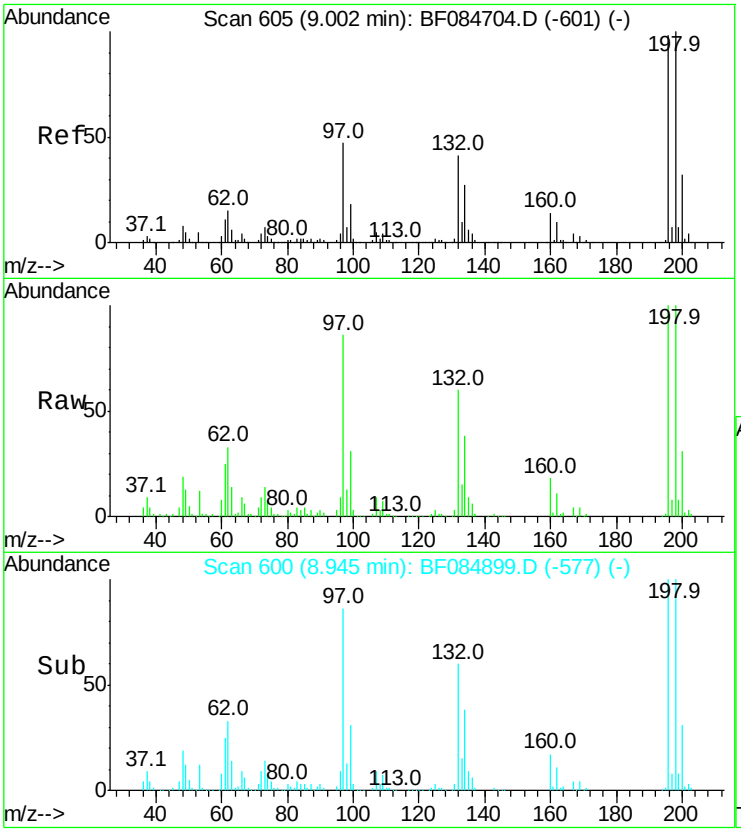


#41
2,4,6-Tribromophenol
Concen: 102.91 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:330 Resp: 327366

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	114.8
141	37.7	27.8	41.6

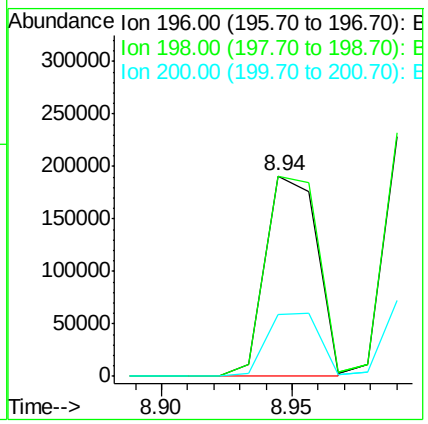




#42
2,4,6-Trichlorophenol
Concen: 41.99 ng
RT: 8.94 min Scan# 600
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:196 Resp: 262008

Ion	Ratio	Lower	Upper
196	100		
198	99.7	77.7	116.5
200	30.8	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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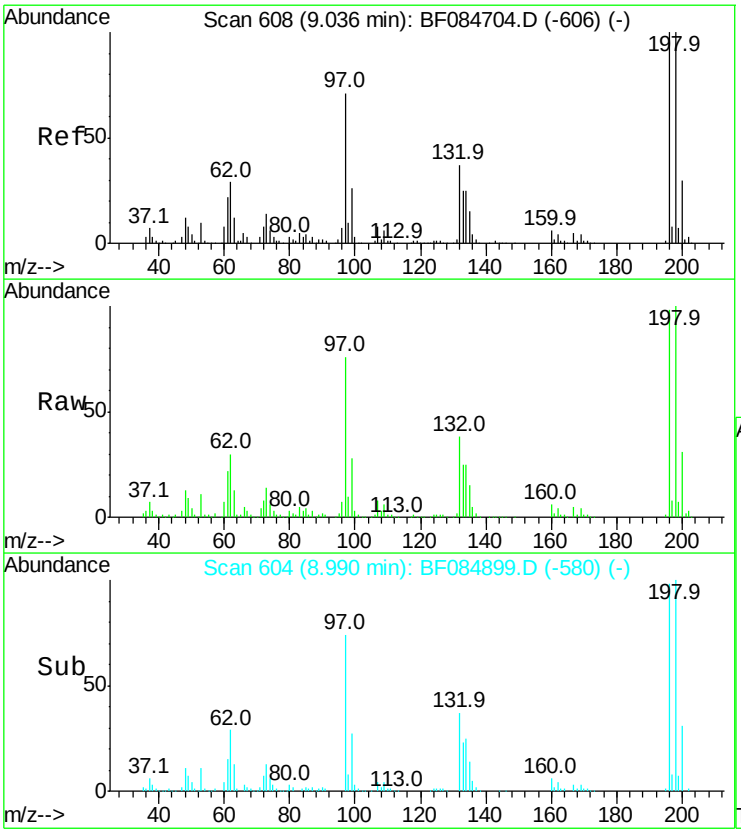
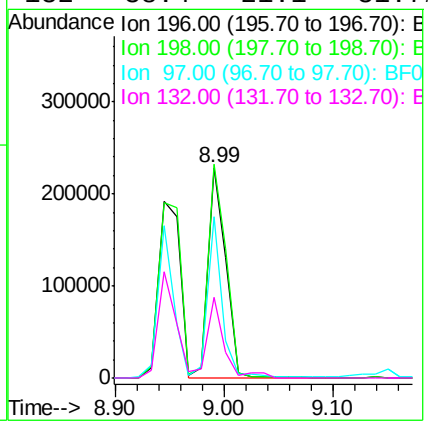
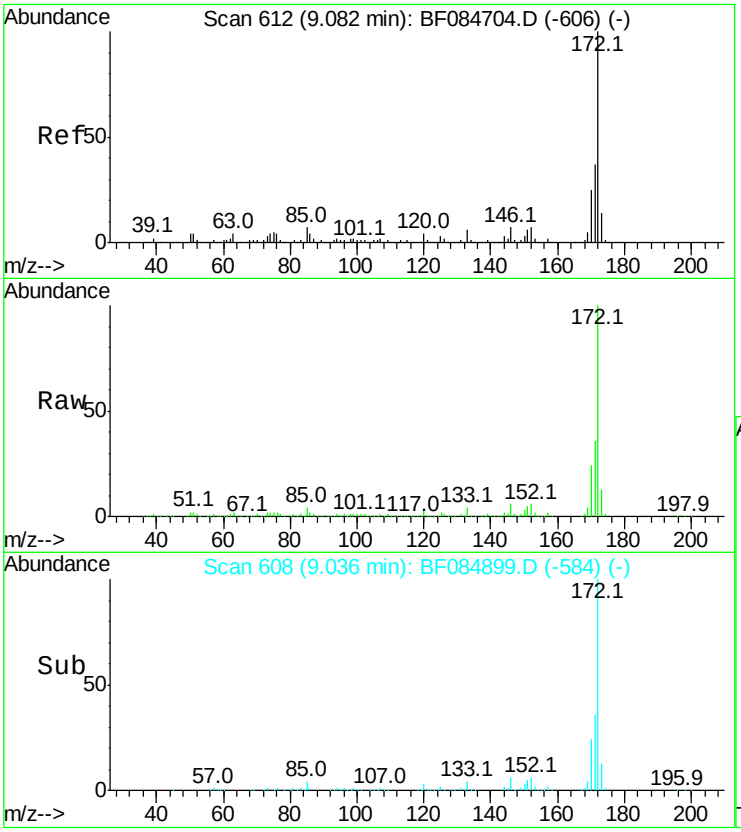


#43
2,4,5-Trichlorophenol
Concen: 41.10 ng
RT: 8.99 min Scan# 604
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:196 Resp: 260593

Ion	Ratio	Lower	Upper
196	100		
198	101.7	79.0	118.6
97	76.8	33.0	49.6#
132	38.4	21.1	31.7#

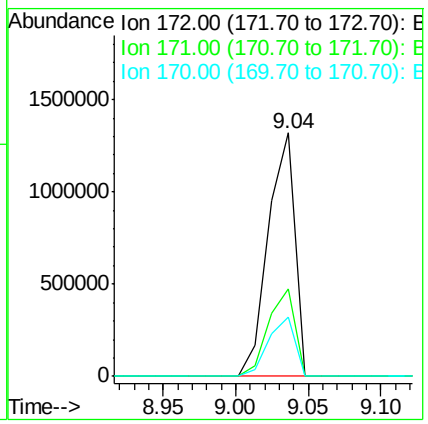




#44
2-Fluorobiphenyl
Concen: 97.87 ng
RT: 9.04 min Scan# 608
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:172 Resp: 1682297

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.4	18.6	27.8



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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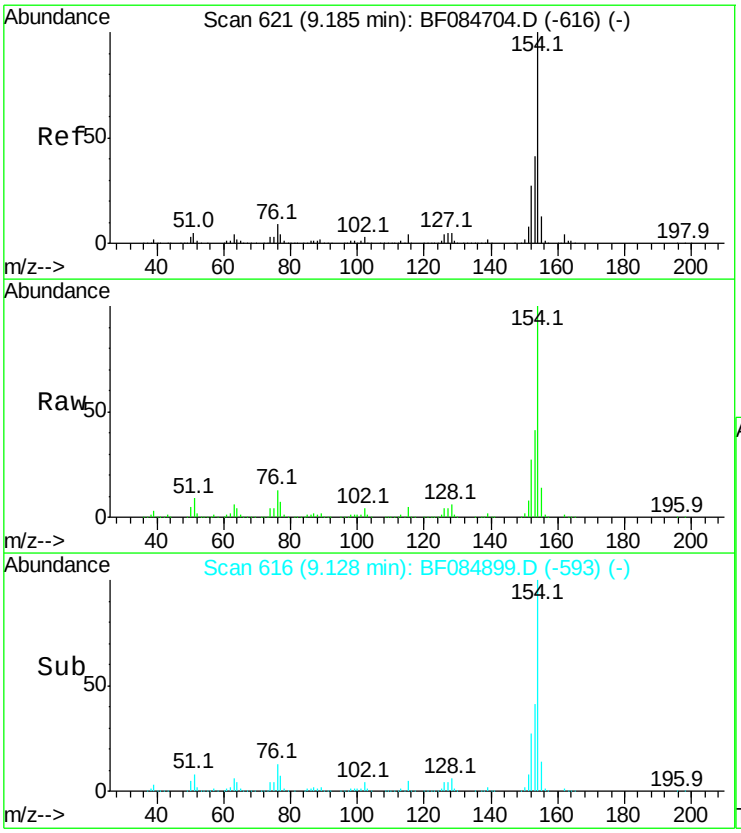
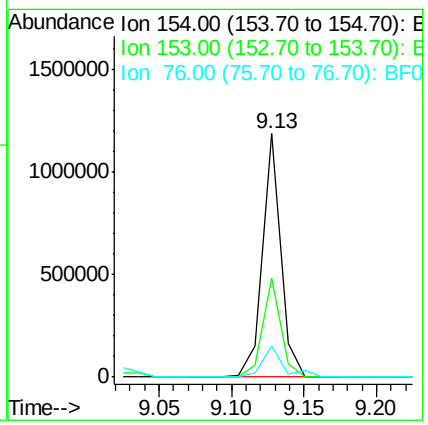
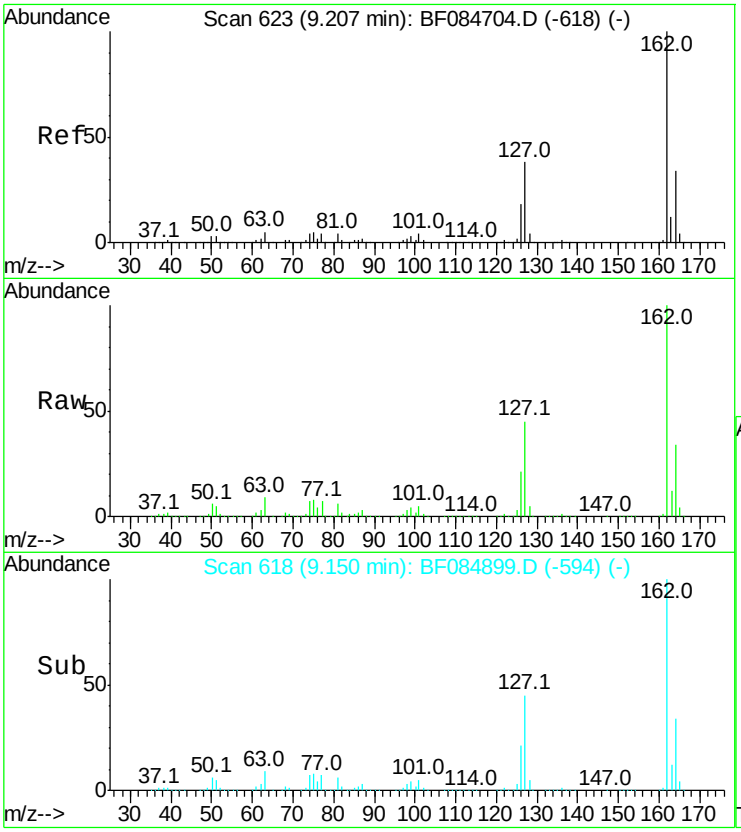


#45
1,1'-Biphenyl
Concen: 38.08 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:154 Resp: 1037255

Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.6	61.6
76	13.0	0.0	32.7

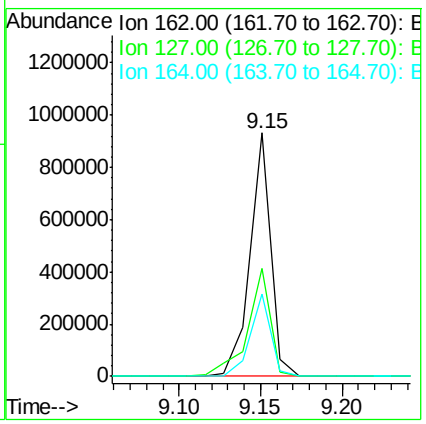




#46
2-Chloronaphthalene
Concen: 40.92 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:162 Resp: 820846

Ion	Ratio	Lower	Upper
162	100		
127	44.6	40.2	60.4
164	33.6	25.7	38.5



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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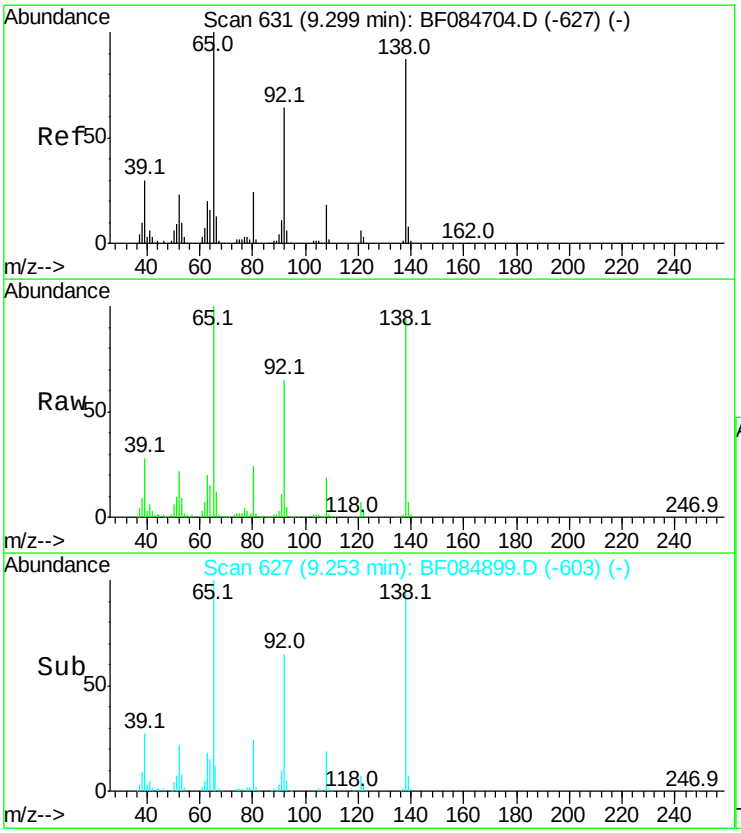
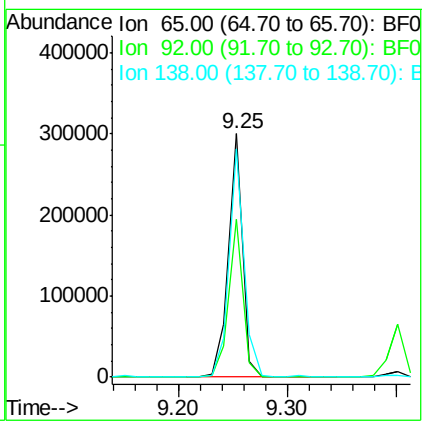
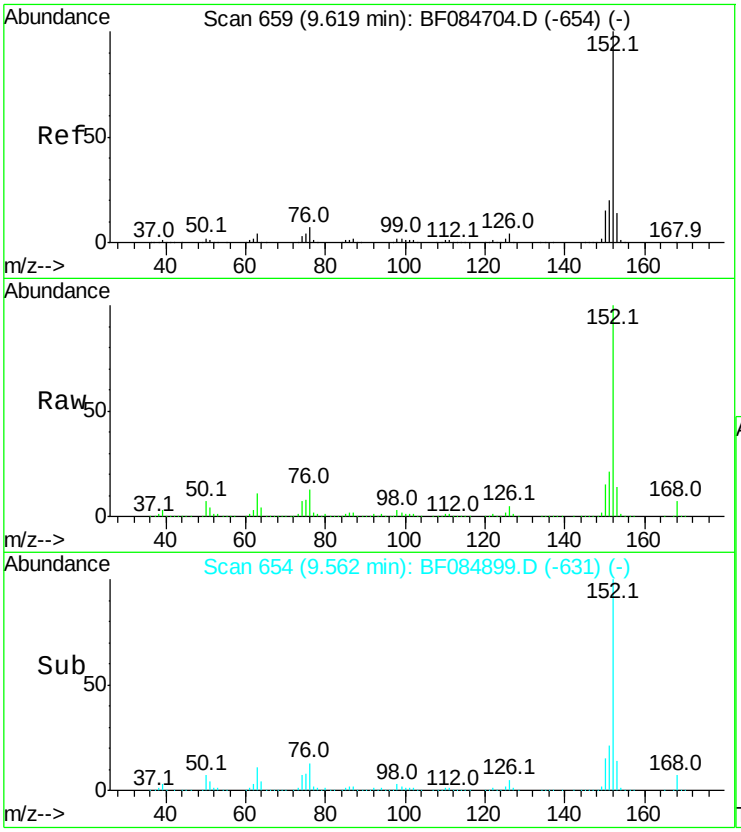


#47
2-Nitroaniline
Concen: 42.27 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion: 65 Resp: 268448

Ion	Ratio	Lower	Upper
65	100		
92	65.1	53.4	80.2
138	93.6	71.1	106.7

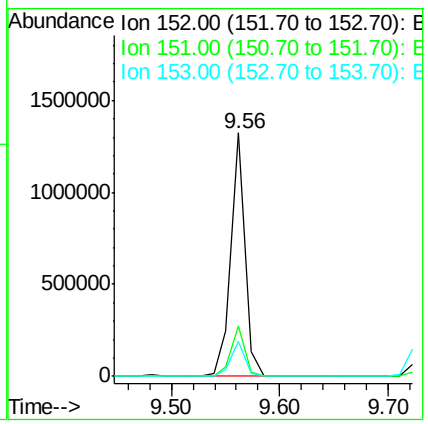




#48
Acenaphthylene
Concen: 38.93 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:152 Resp: 1184975

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	14.5	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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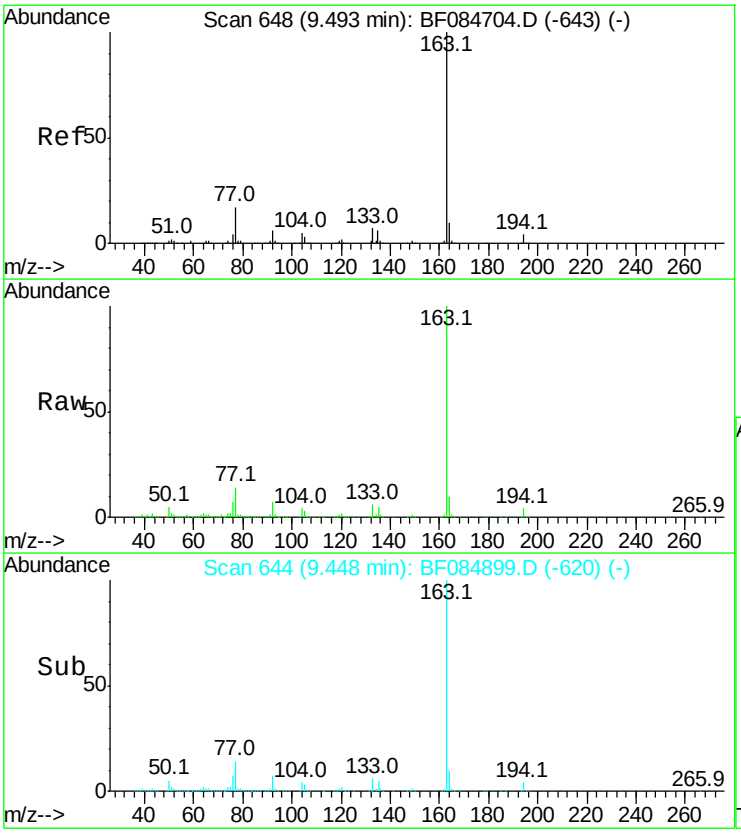
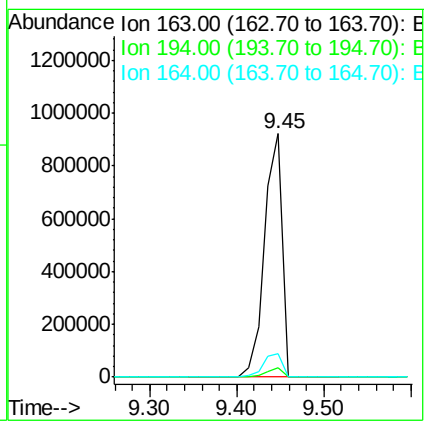
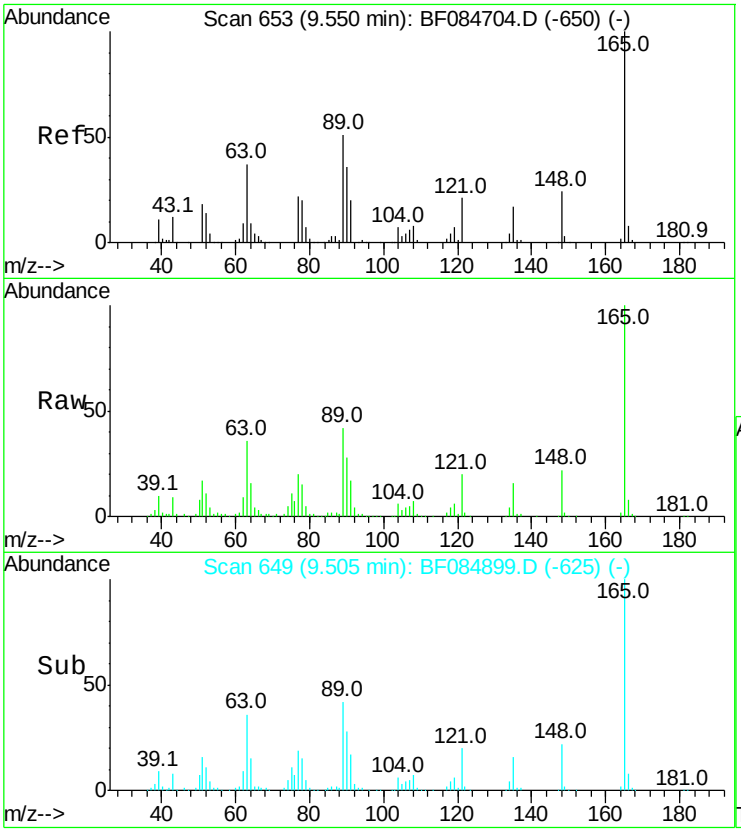


#49
Dimethylphthalate
Concen: 55.46 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:163 Resp: 1288091

Ion	Ratio	Lower	Upper
163	100		
194	3.7	8.0	12.0#
164	9.9	8.0	12.0

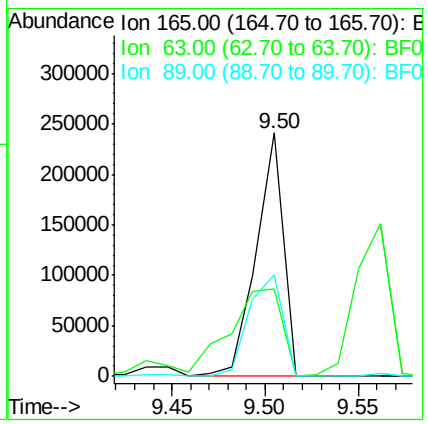




#50
2,6-Dinitrotoluene
Concen: 47.73 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:165 Resp: 242186

Ion	Ratio	Lower	Upper
165	100		
63	36.1	28.8	43.2
89	41.5	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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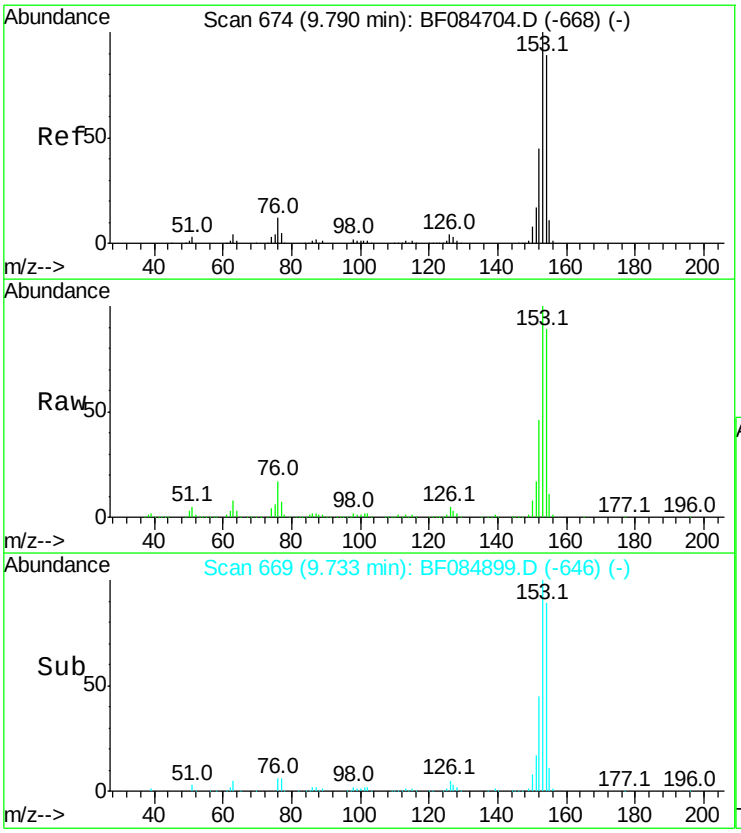
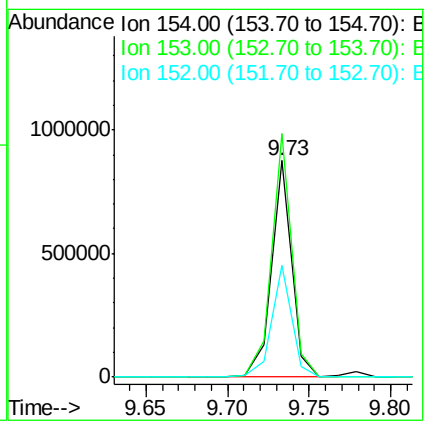
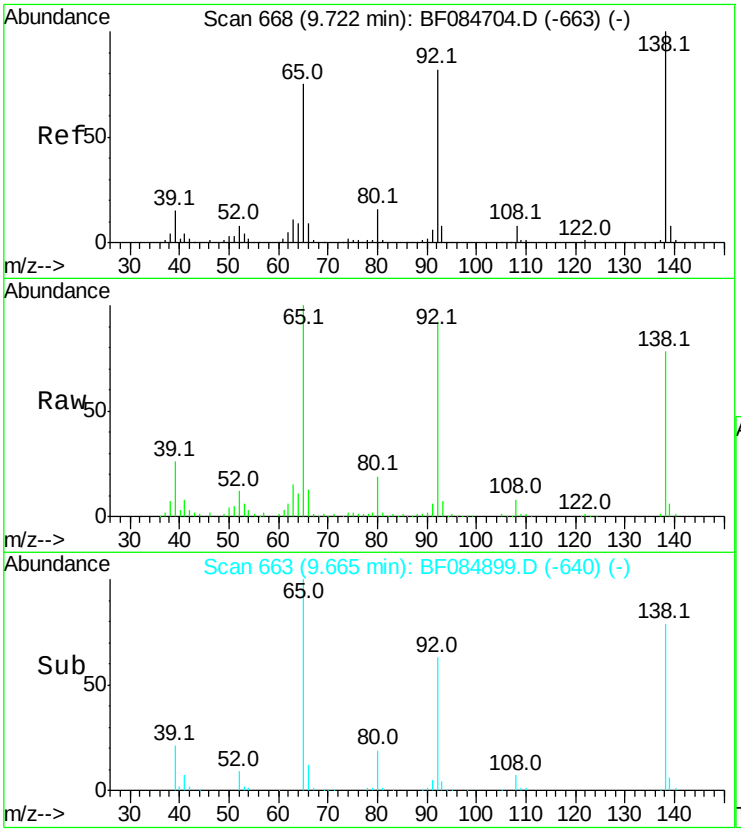


#51
Acenaphthene
Concen: 38.36 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:154 Resp: 759691

Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.5	137.3
152	51.5	43.0	64.6

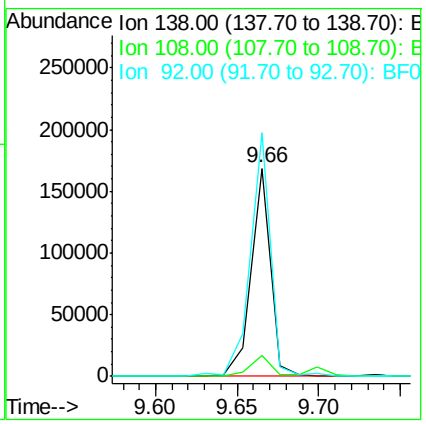




#52
3-Nitroaniline
Concen: 24.55 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:138 Resp: 139986

Ion	Ratio	Lower	Upper
138	100		
108	10.1	10.5	15.7#
92	117.2	103.9	155.9



Instrument :
BNA_F
ClientSampleId :
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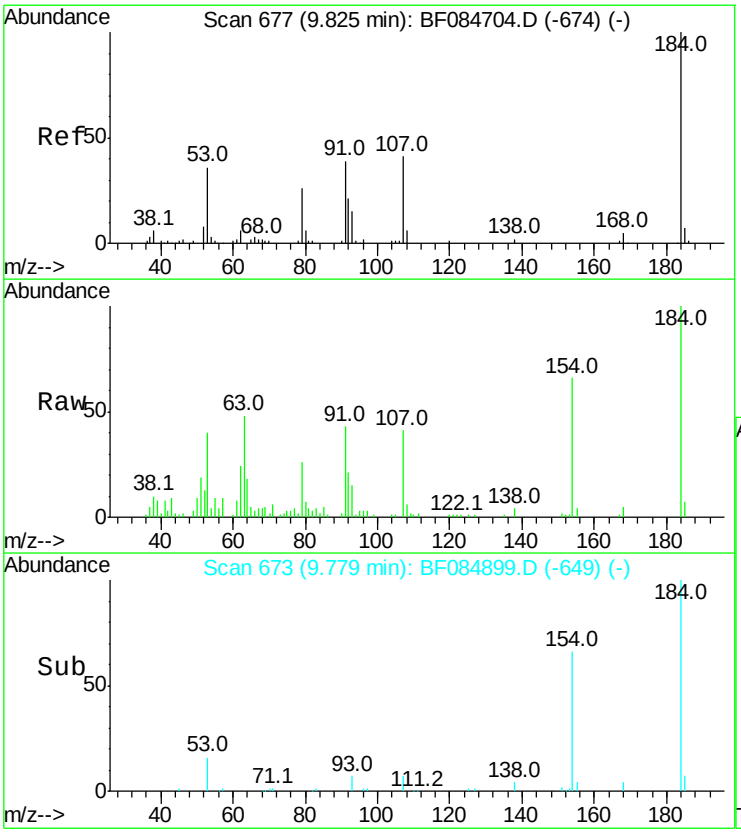
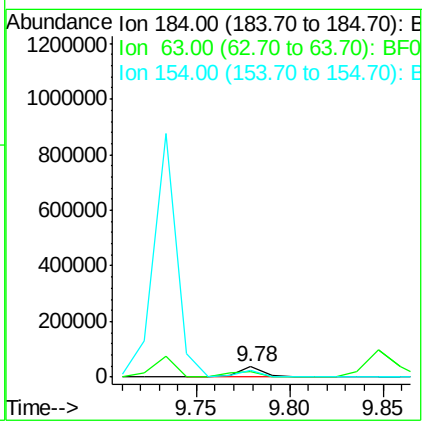
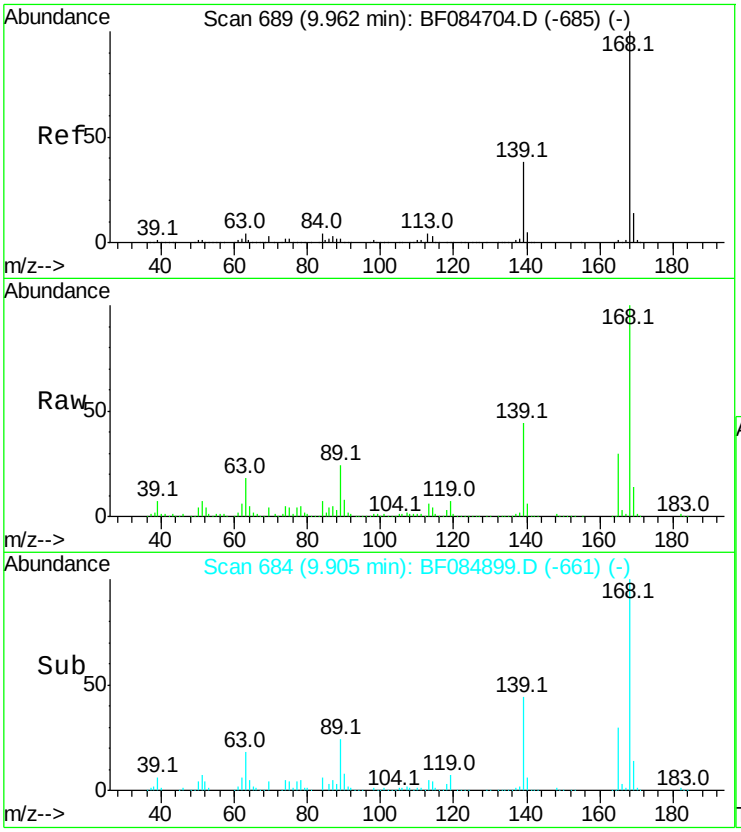


#53
2,4-Dinitrophenol
Concen: 21.33 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:184 Resp: 39214

Ion	Ratio	Lower	Upper
184	100		
63	48.2	43.1	64.7
154	65.7	60.5	90.7

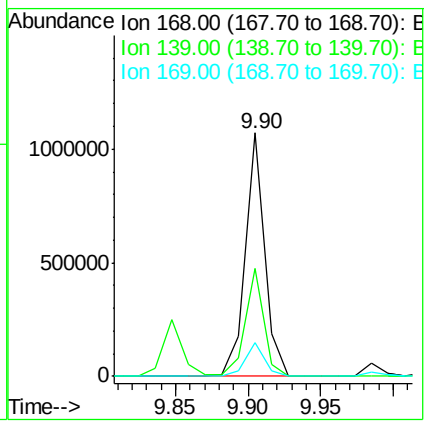




#54
Dibenzofuran
Concen: 40.94 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:168 Resp: 990788

Ion	Ratio	Lower	Upper
168	100		
139	44.2	30.5	45.7
169	14.1	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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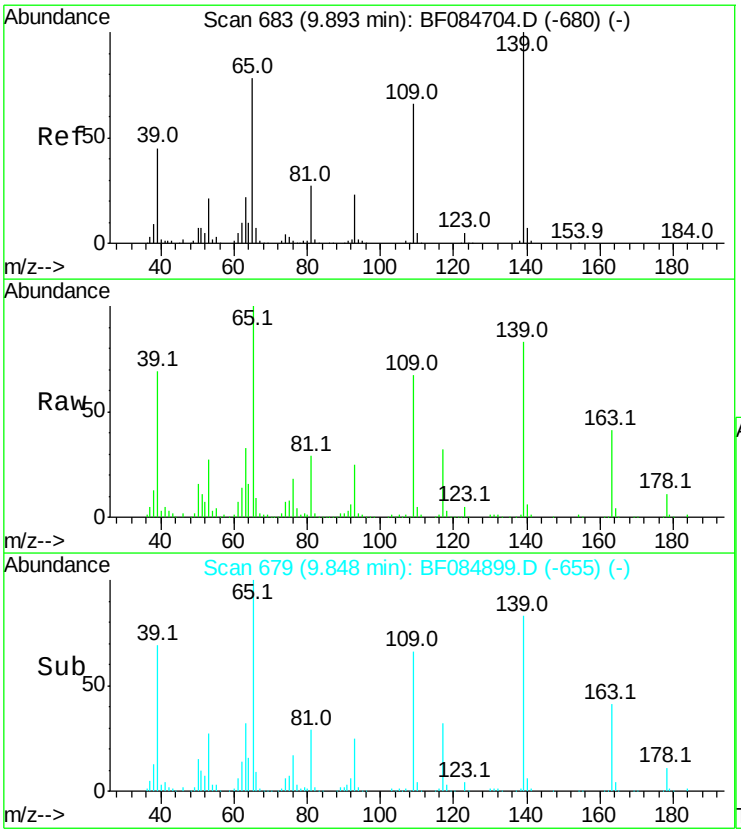
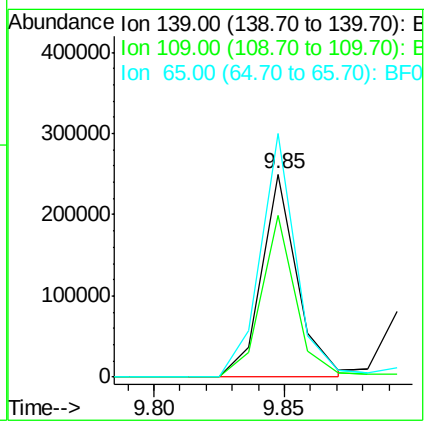
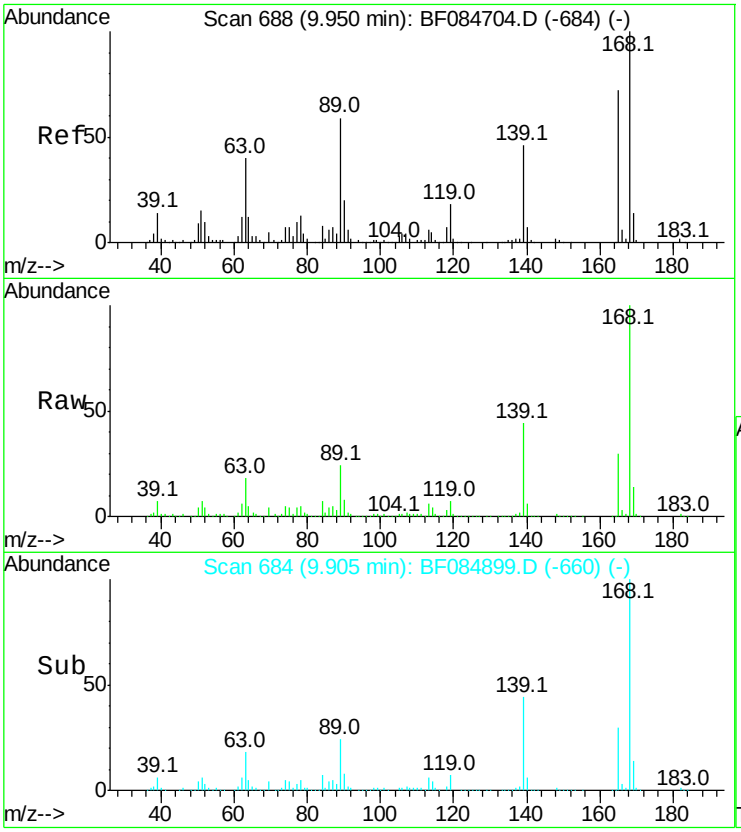


#55
4-Nitrophenol
Concen: 57.24 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:139 Resp: 239843

Ion	Ratio	Lower	Upper
139	100		
109	79.9	58.5	98.5
65	119.9	57.6	97.6#

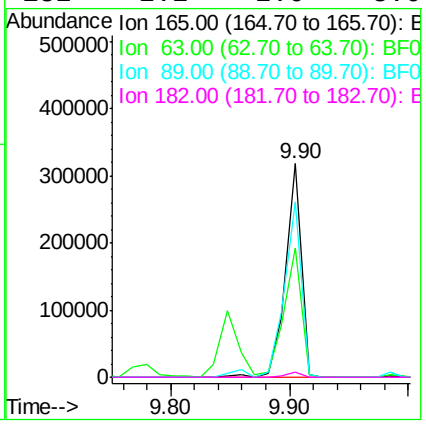




#56
2,4-Dinitrotoluene
Concen: 44.75 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:165 Resp: 289638

Ion	Ratio	Lower	Upper
165	100		
63	60.6	36.7	55.1#
89	82.1	61.9	92.9
182	2.2	2.0	3.0



Instrument :
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ClientSampleId :
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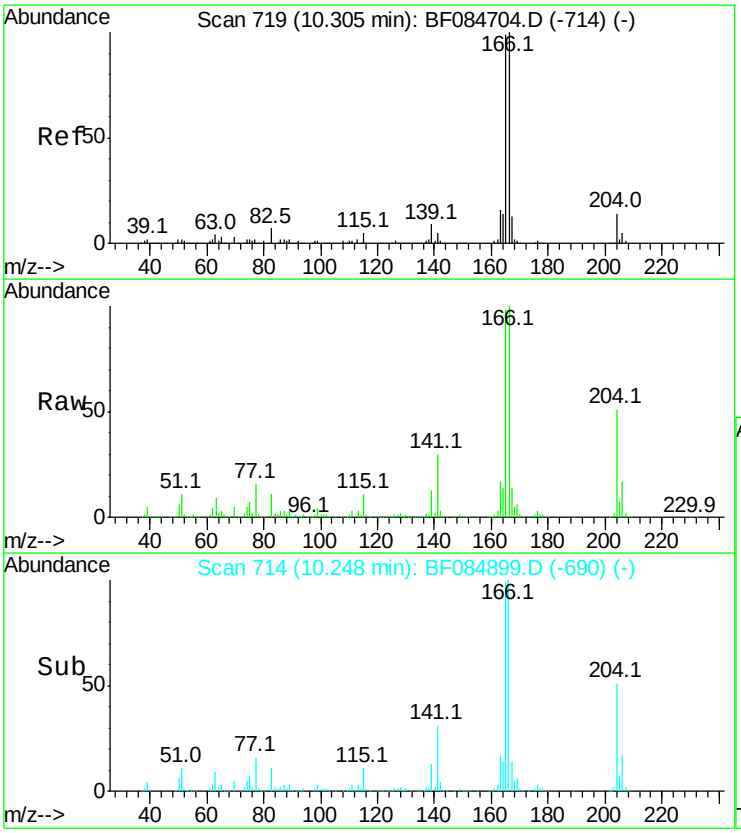
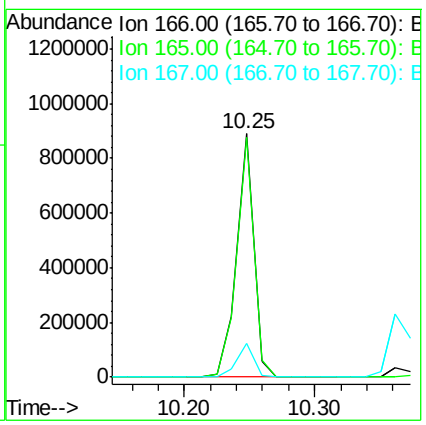
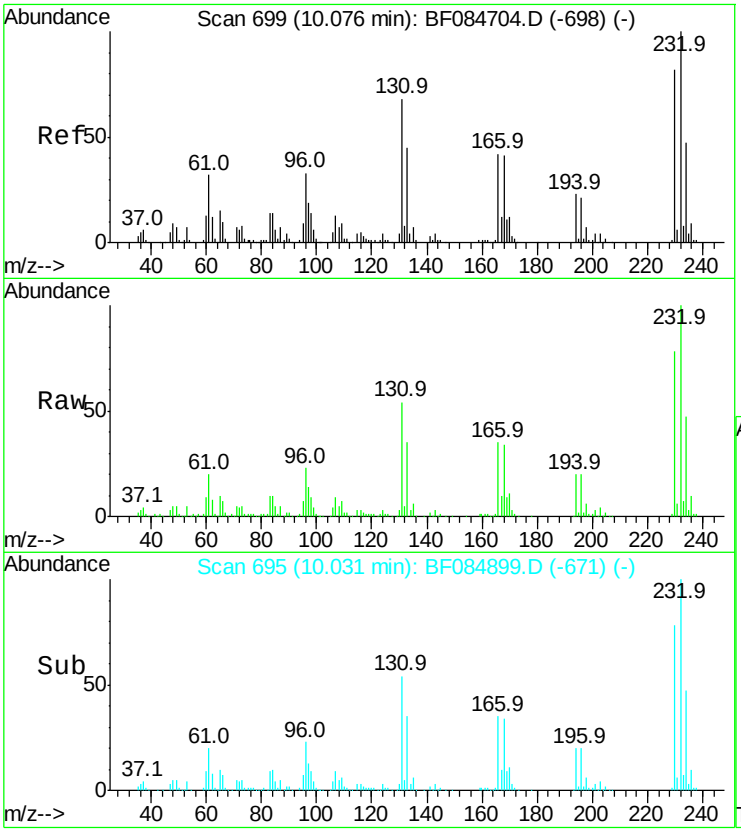


#57
Fluorene
Concen: 40.29 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:166 Resp: 814265

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.1	118.7
167	13.9	10.4	15.6

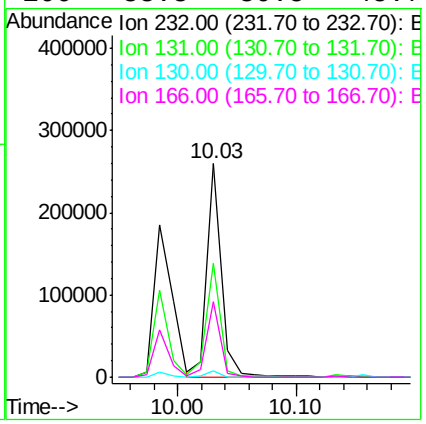




#58
2,3,4,6-Tetrachlorophenol
Concen: 45.44 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:232 Resp: 219316

Ion	Ratio	Lower	Upper
232	100		
131	52.8	47.0	70.6
130	2.7	2.0	3.0
166	33.8	30.5	45.7



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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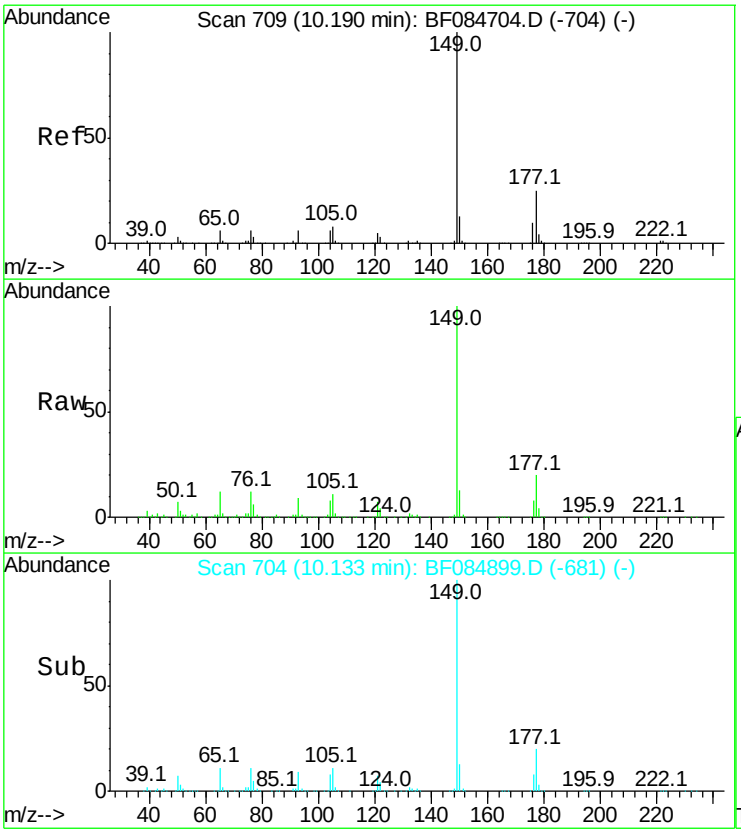
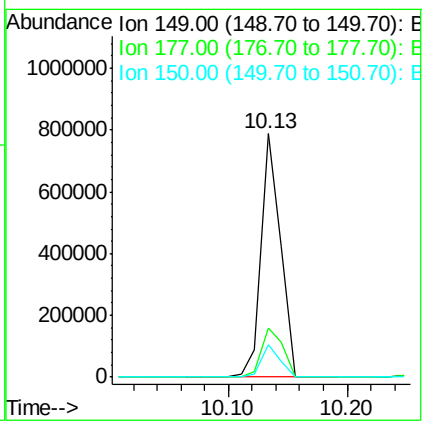
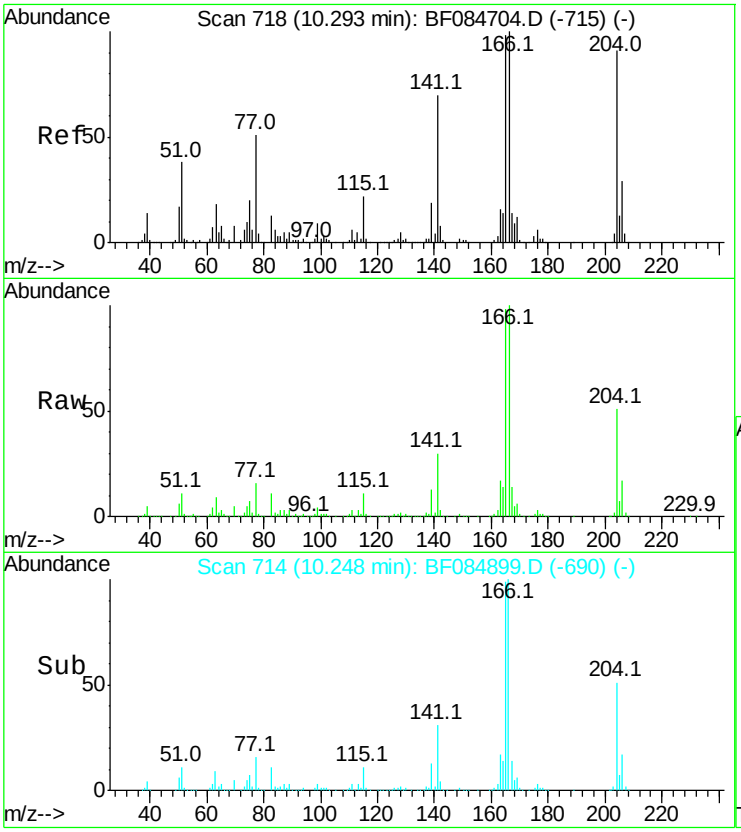


#59
Diethylphthalate
Concen: 39.63 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:149 Resp: 898904

Ion	Ratio	Lower	Upper
149	100		
177	20.3	17.3	25.9
150	13.1	9.8	14.8

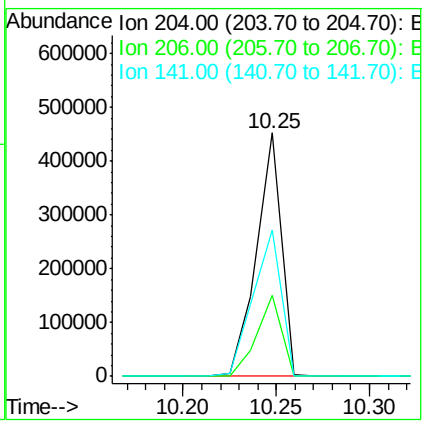




#60
4-Chlorophenyl-phenylether
Concen: 49.98 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:204 Resp: 417564

Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.7	38.5
141	59.9	55.1	82.7



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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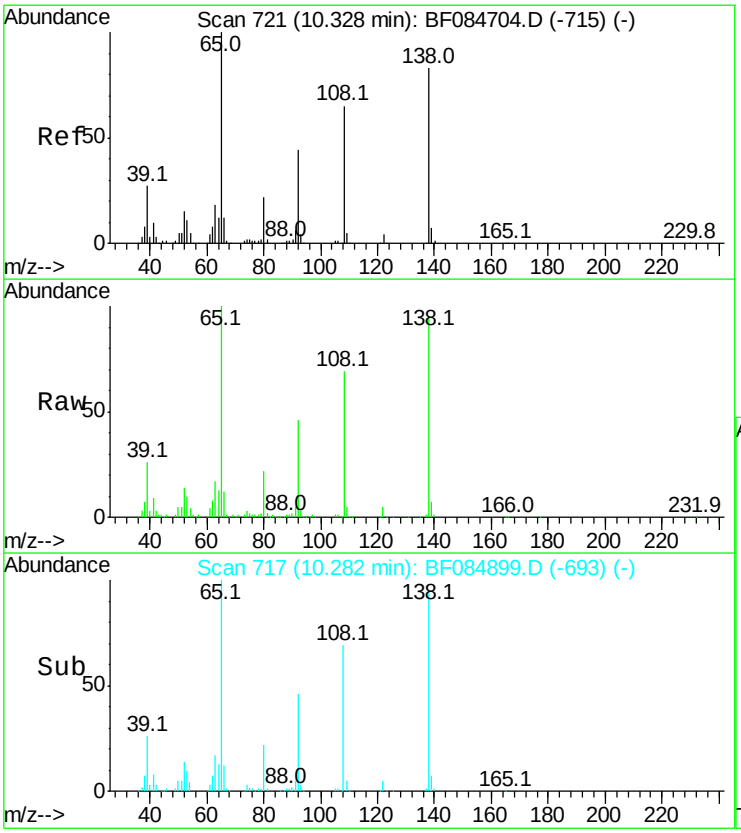
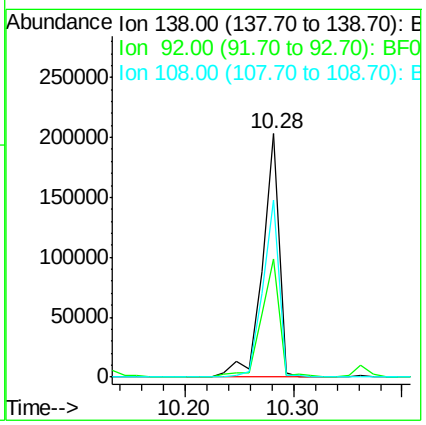
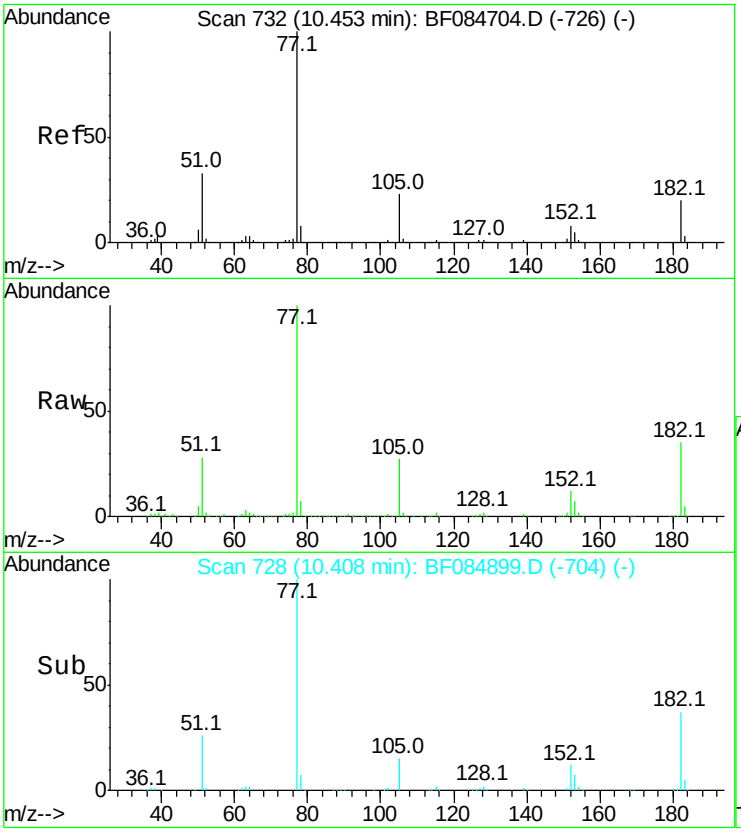


#61
4-Nitroaniline
Concen: 39.56 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:138 Resp: 219784

Ion	Ratio	Lower	Upper
138	100		
92	48.3	32.6	72.6
108	72.9	68.6	108.6

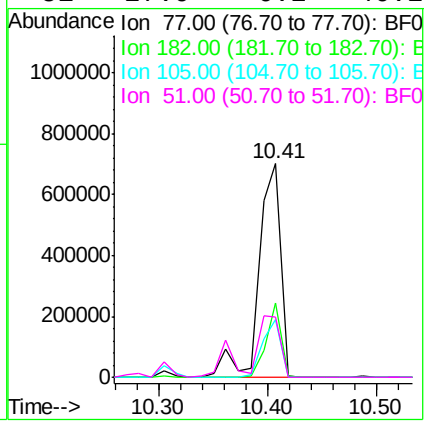




#62
Azobenzene
Concen: 45.29 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion: 77 Resp: 987597

Ion	Ratio	Lower	Upper
77	100		
182	34.6	8.3	48.3
105	27.1	4.6	44.6
51	27.9	6.2	46.2



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

Manual Integrations APPROVED
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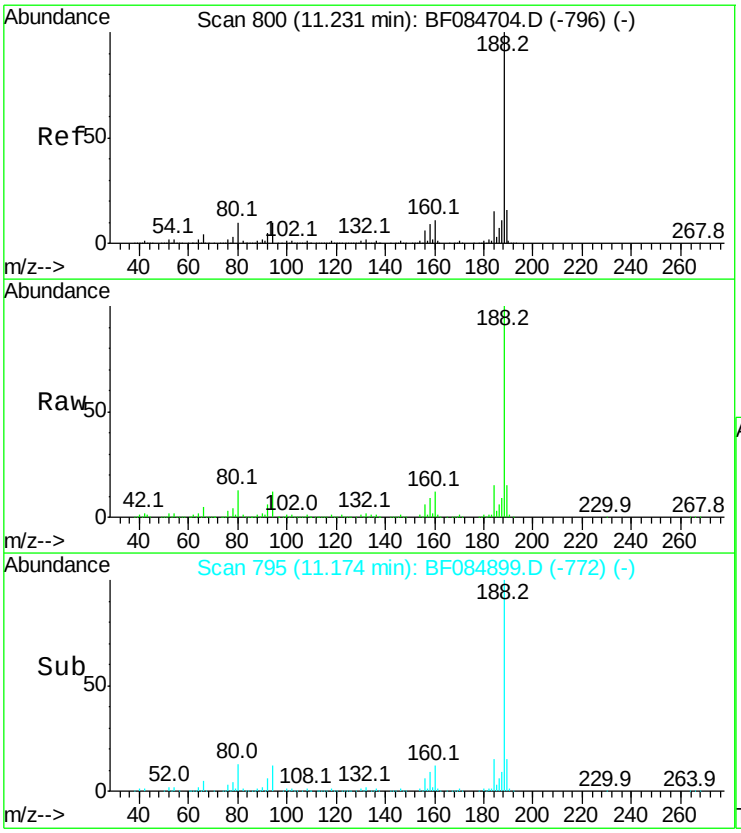
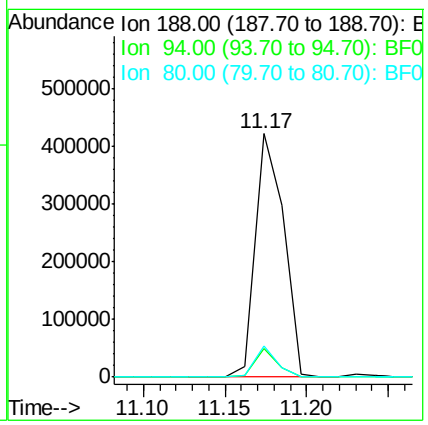
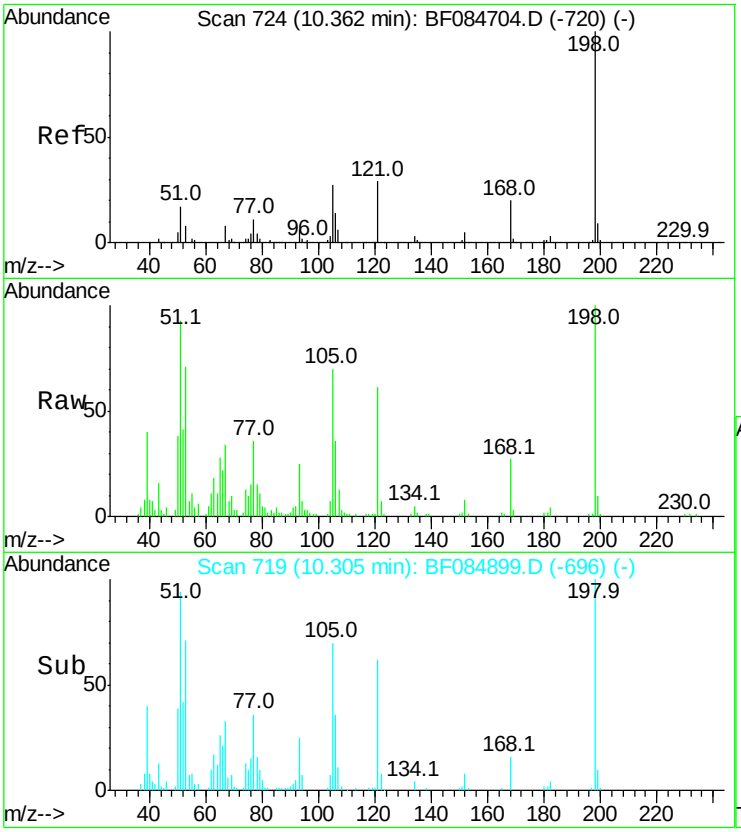


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:188 Resp: 510659

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.0	13.4
80	12.7	9.6	14.4





#64
4,6-Dinitro-2-methylphenol
Concen: 23.17 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:198 Resp: 73039

Ion	Ratio	Lower	Upper
198	100		
51	92.8	18.9	58.9#
105	69.7	26.4	66.4#

Instrument :
BNA_F
ClientSampleId :
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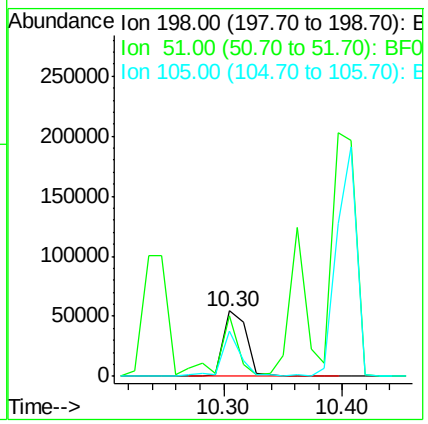
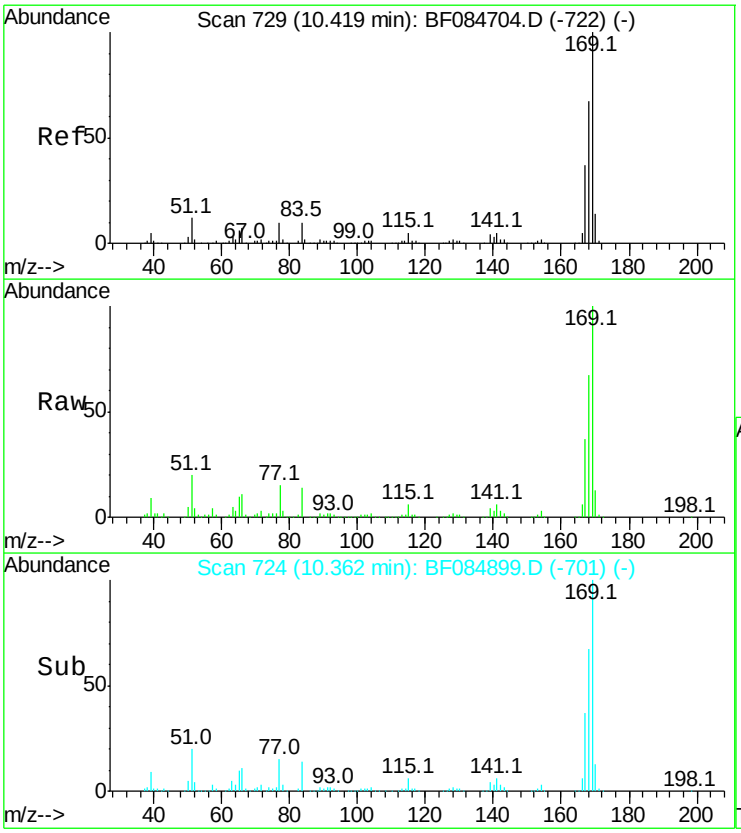
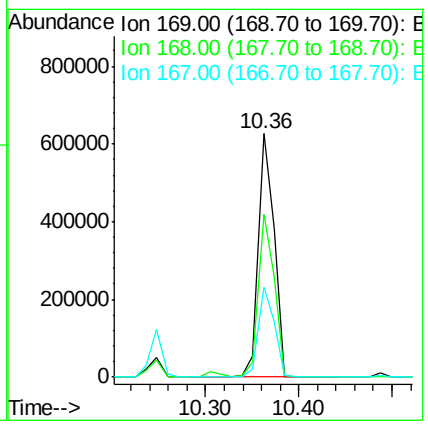


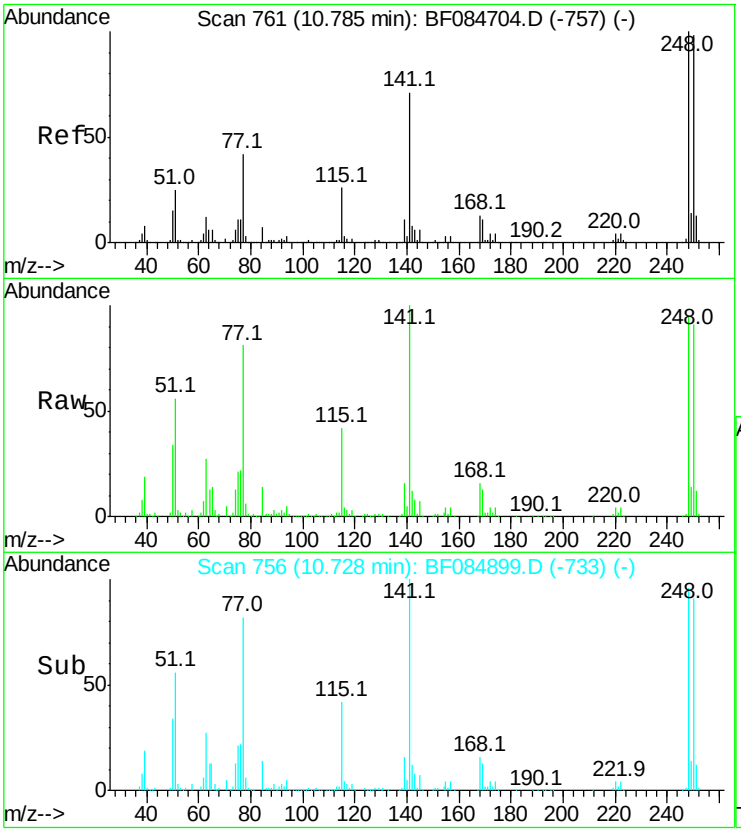


#65
n-Nitrosodiphenylamine
Concen: 45.49 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:169 Resp: 737571

Ion	Ratio	Lower	Upper
169	100		
168	67.0	55.1	82.7
167	36.7	30.0	45.0

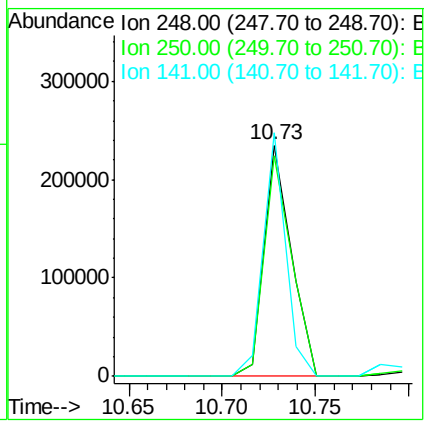




#66
4-Bromophenyl-phenylether
Concen: 41.99 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:248 Resp: 236853

Ion	Ratio	Lower	Upper
248	100		
250	95.3	78.4	117.6
141	105.3	44.0	66.0#



Instrument :
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ClientSampleId :
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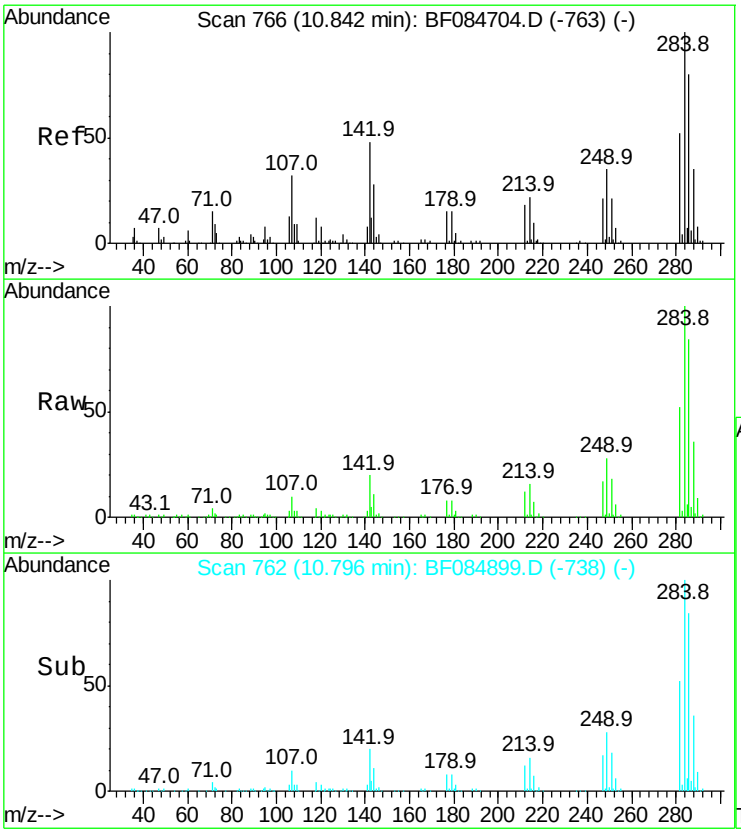
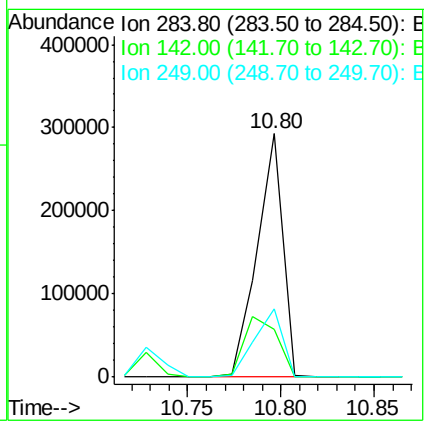
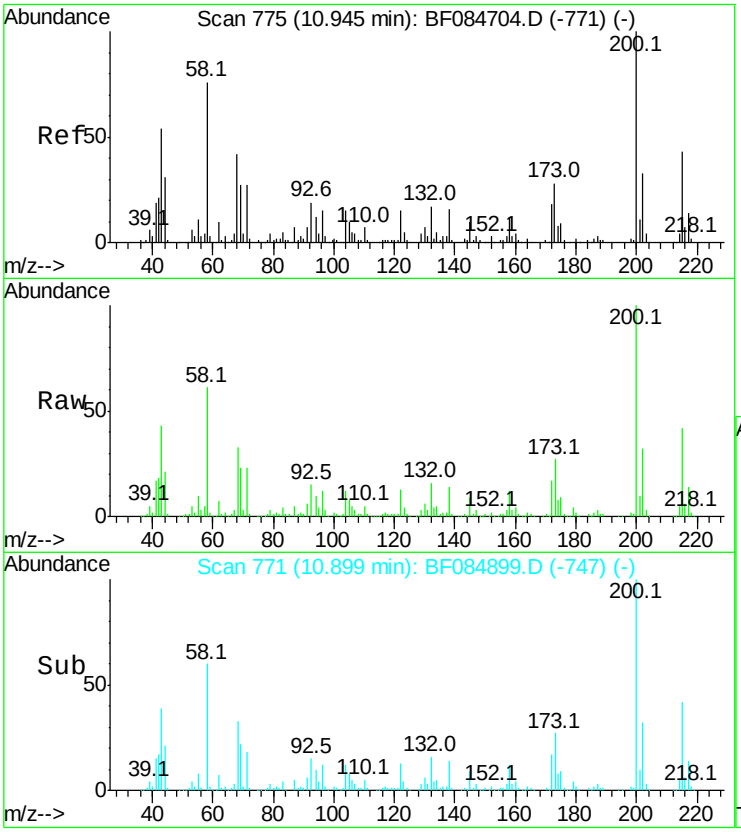


#67
Hexachlorobenzene
Concen: 46.34 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:284 Resp: 284779

Ion	Ratio	Lower	Upper
284	100		
142	19.7	22.2	33.4#
249	28.2	24.6	37.0

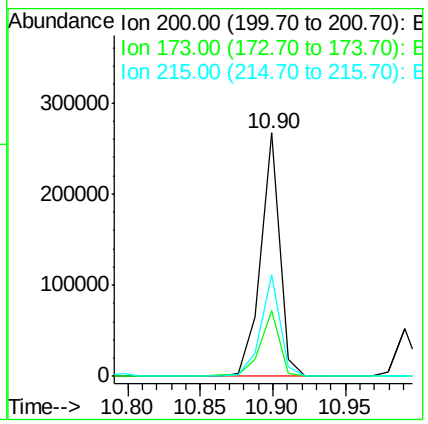




#68
Atrazine
Concen: 47.46 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:200 Resp: 243039

Ion	Ratio	Lower	Upper
200	100		
173	27.0	9.5	49.5
215	41.8	23.8	63.8



Instrument :
BNA_F
ClientSampleId :
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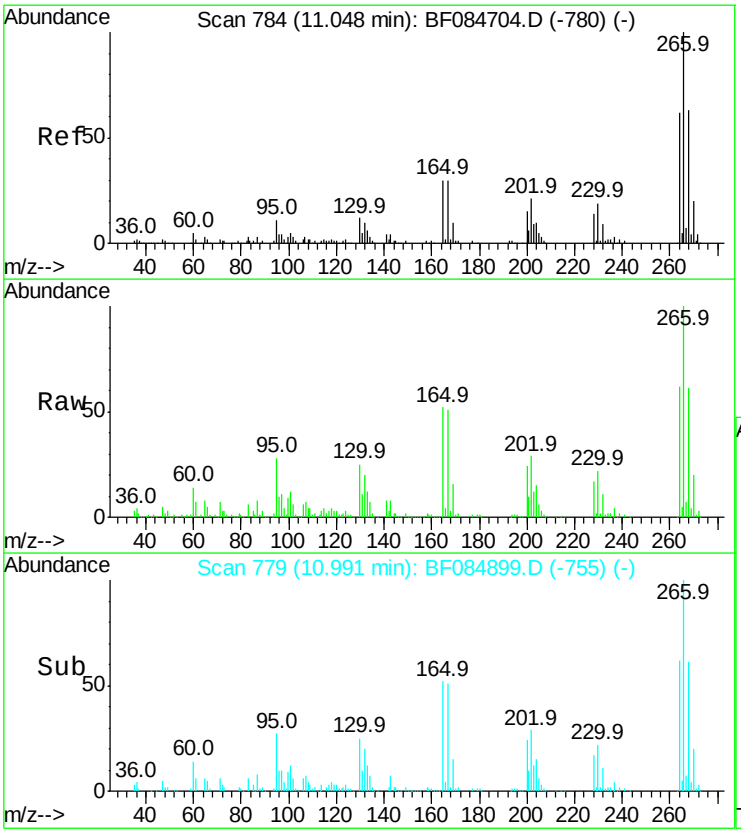
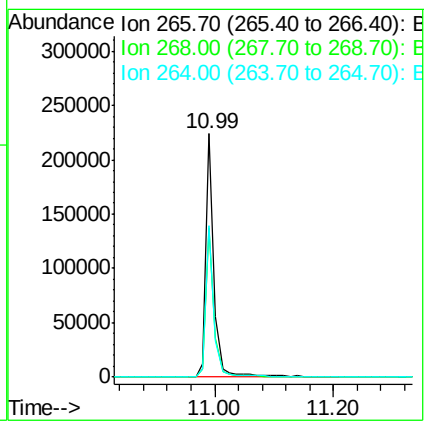
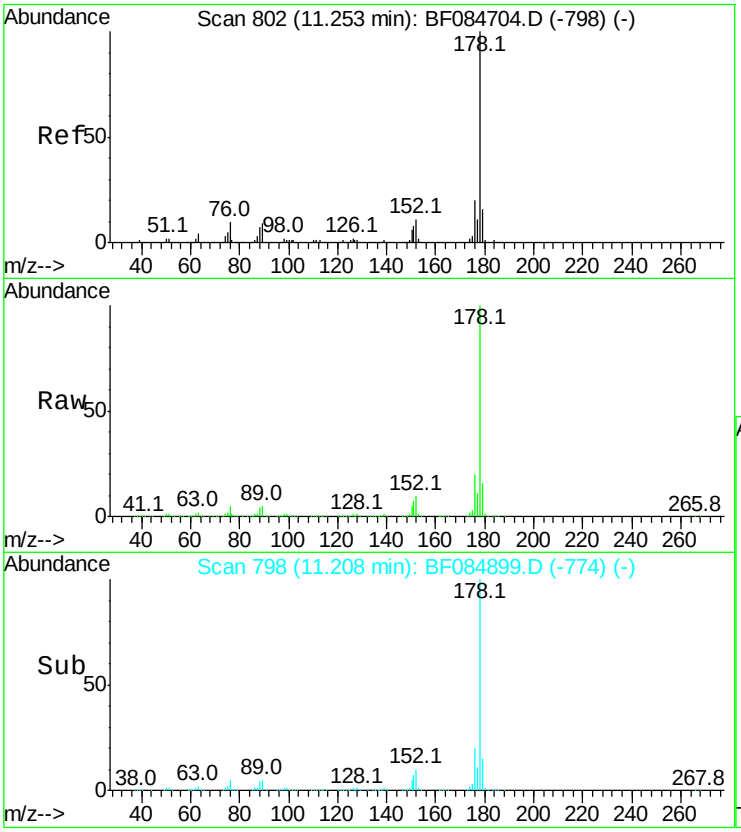


#69
Pentachlorophenol
Concen: 76.78 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:266 Resp: 221755

Ion	Ratio	Lower	Upper
266	100		
268	61.2	52.4	78.6
264	62.3	50.2	75.2

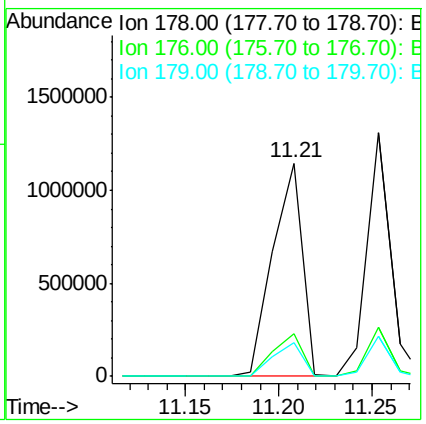




#70
Phenanthrene
Concen: 44.86 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:178 Resp: 1270557

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.3	22.9
179	15.5	12.0	18.0



Instrument :
BNA_F
ClientSampleId :
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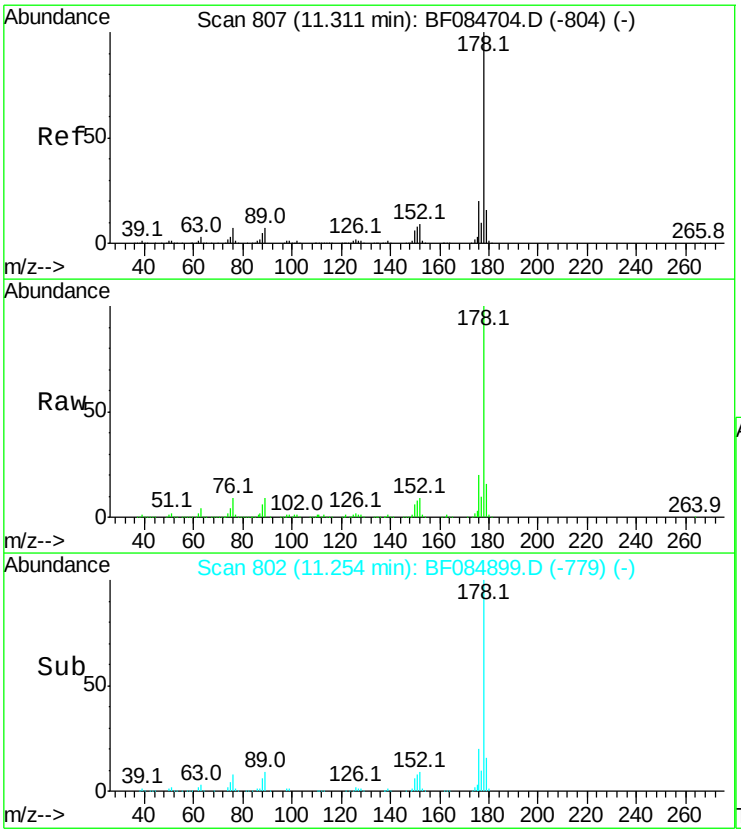
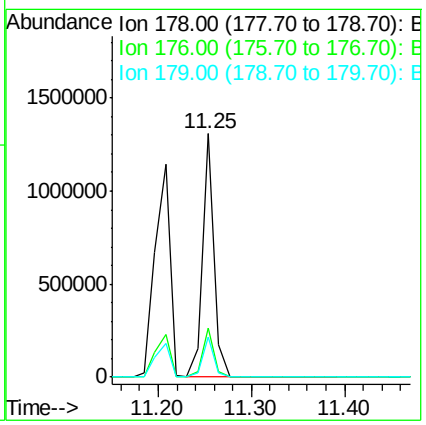
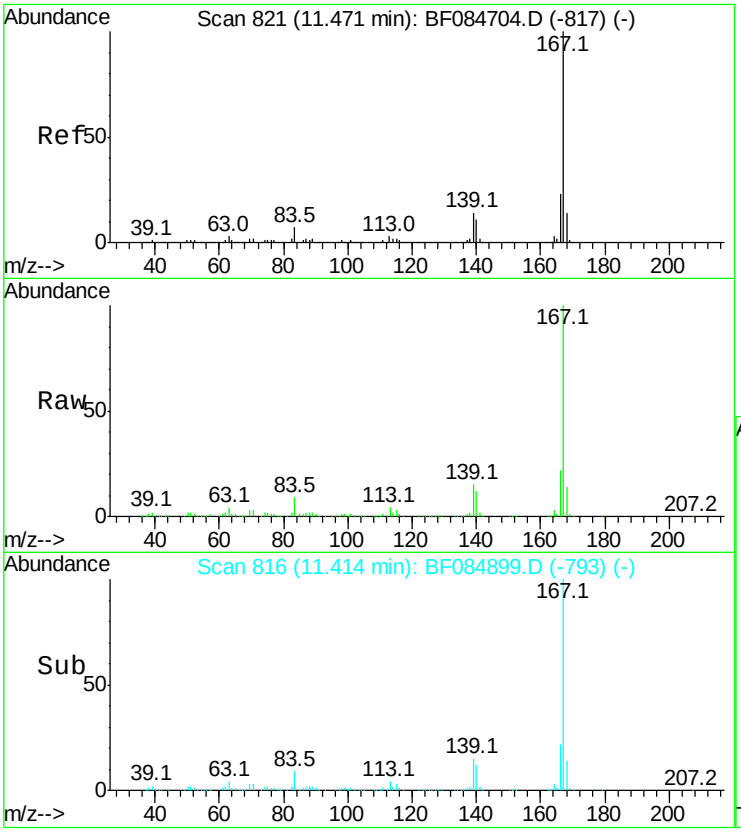


#71
Anthracene
Concen: 39.58 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:178 Resp: 1129489

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.0
179	16.4	12.5	18.7

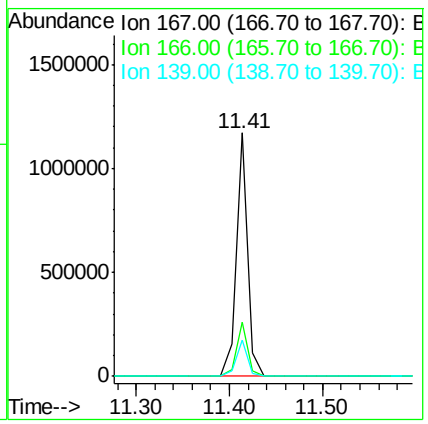




#72
Carbazole
Concen: 40.20 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:167 Resp: 1000439

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	14.8	11.8	17.8



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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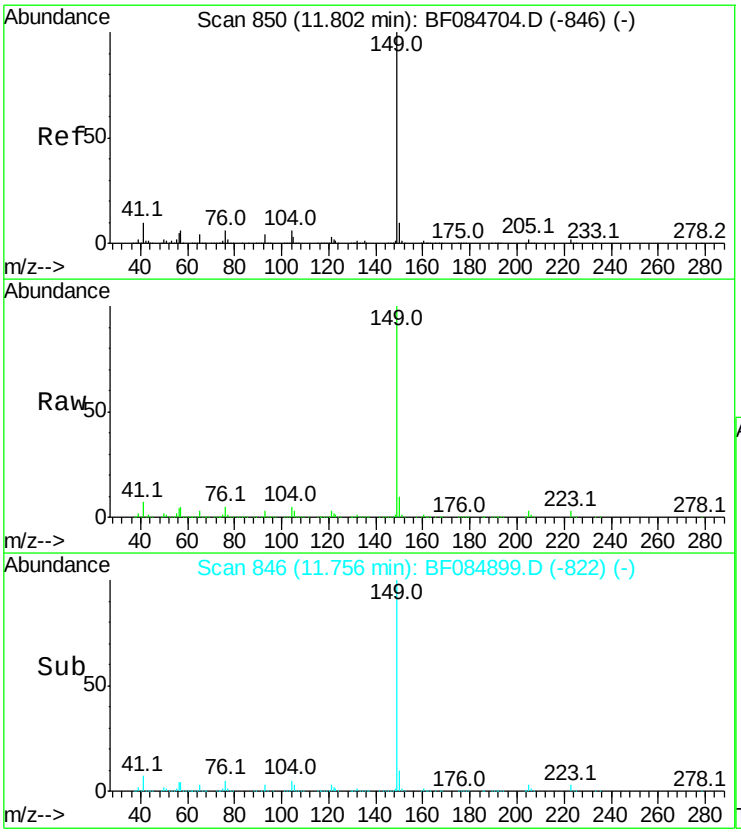
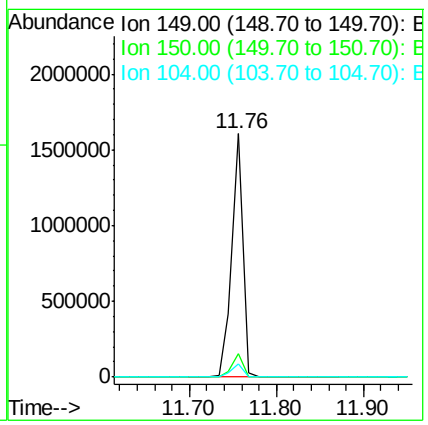
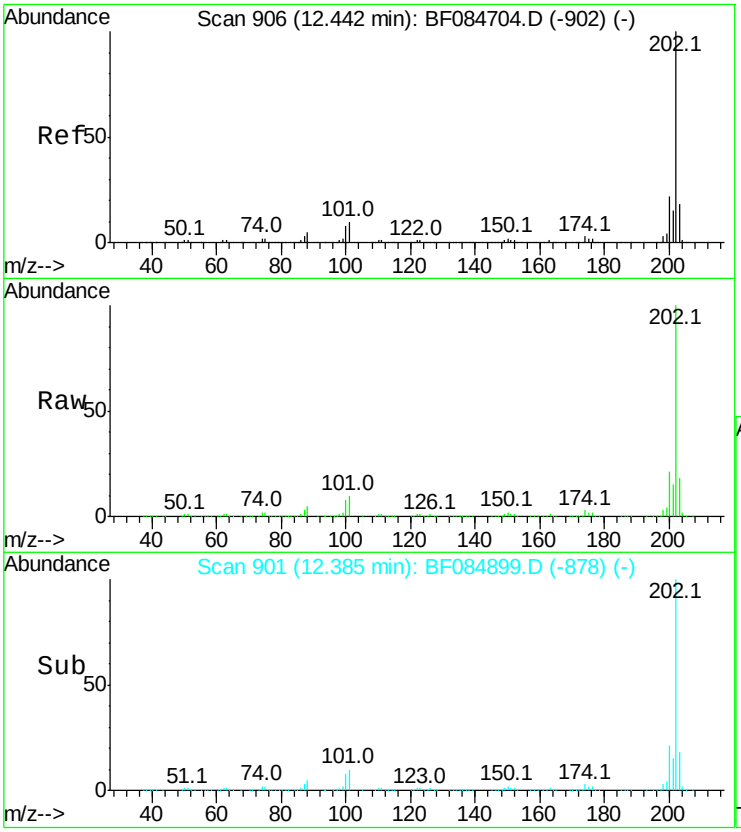


#73
Di-n-butylphthalate
Concen: 44.65 ng
RT: 11.76 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:149 Resp: 1414531

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.1	10.7
104	5.2	3.2	4.8#

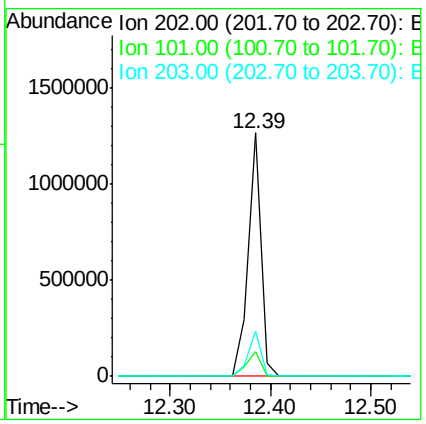




#74
Fluoranthene
Concen: 39.20 ng
RT: 12.39 min Scan# 901
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:202 Resp: 1123700

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	32.8
203	18.3	0.0	37.9



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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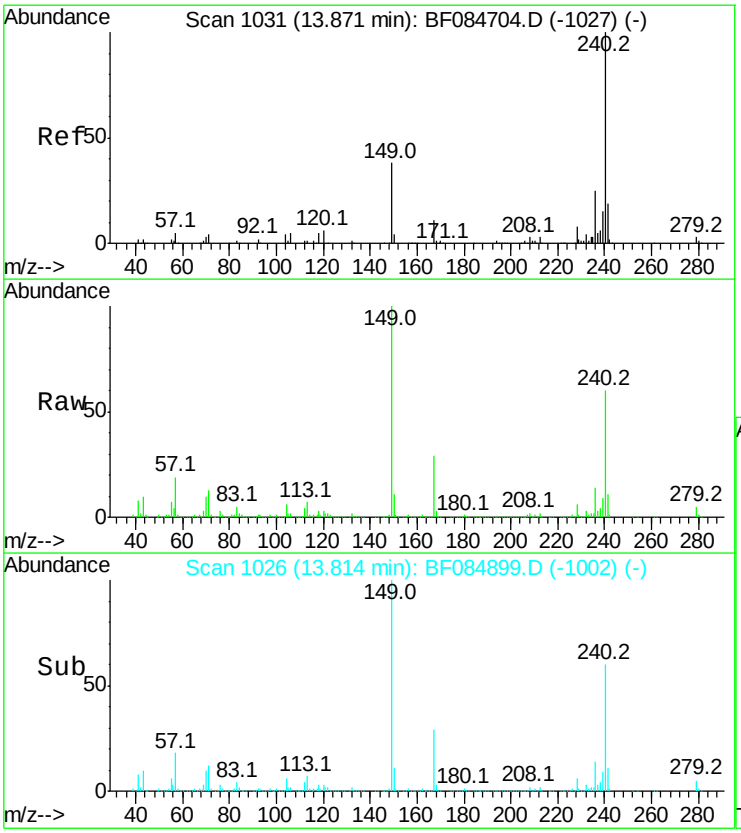
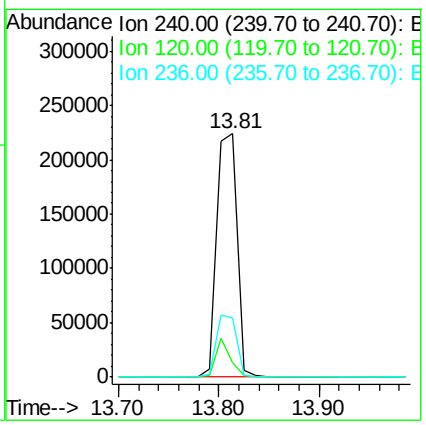
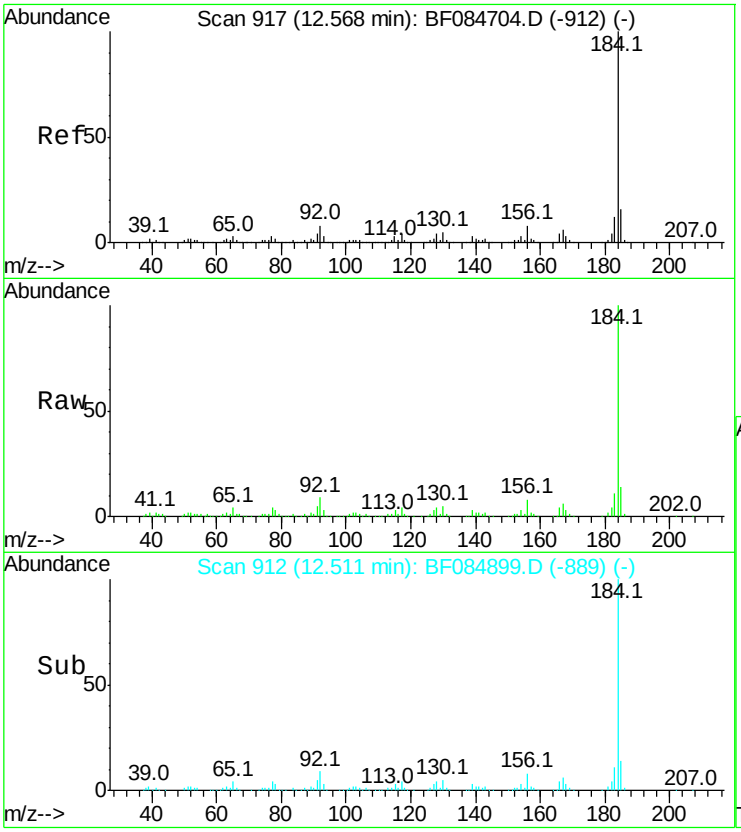


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:240 Resp: 315139

Ion	Ratio	Lower	Upper
240	100		
120	5.8	9.5	14.3#
236	24.3	20.6	31.0

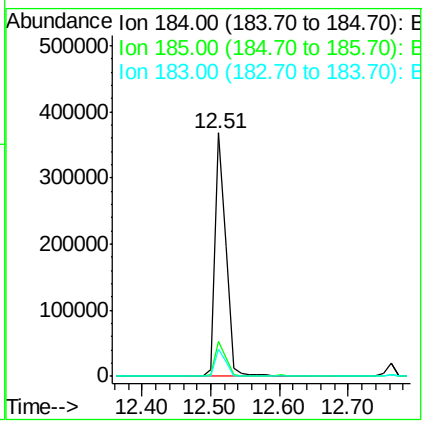




#76
Benzidine
Concen: 37.37 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:184 Resp: 416448

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.2	18.2
183	11.2	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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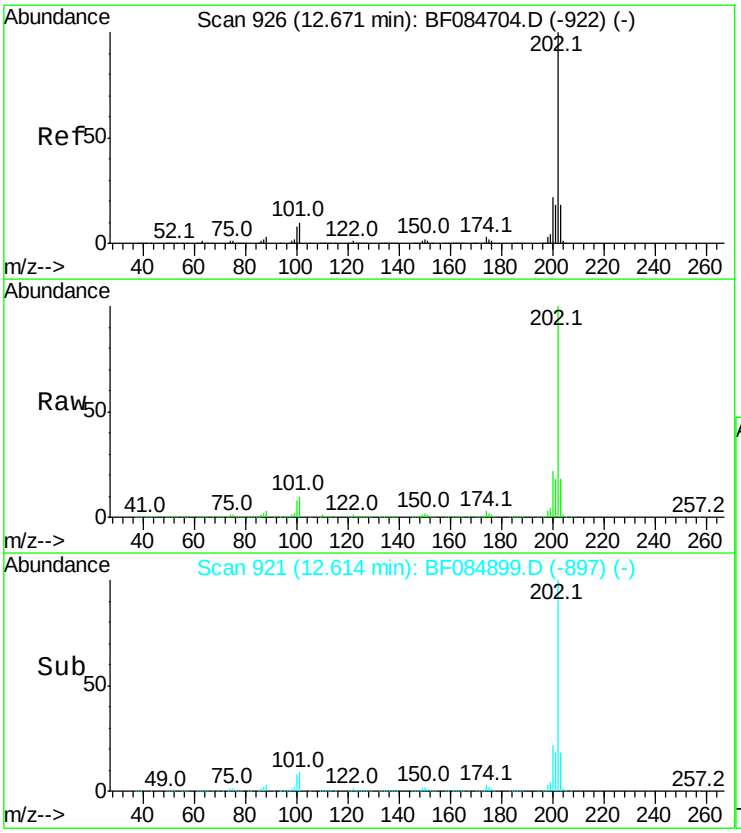
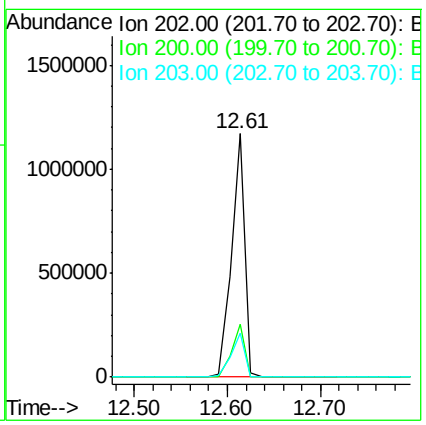
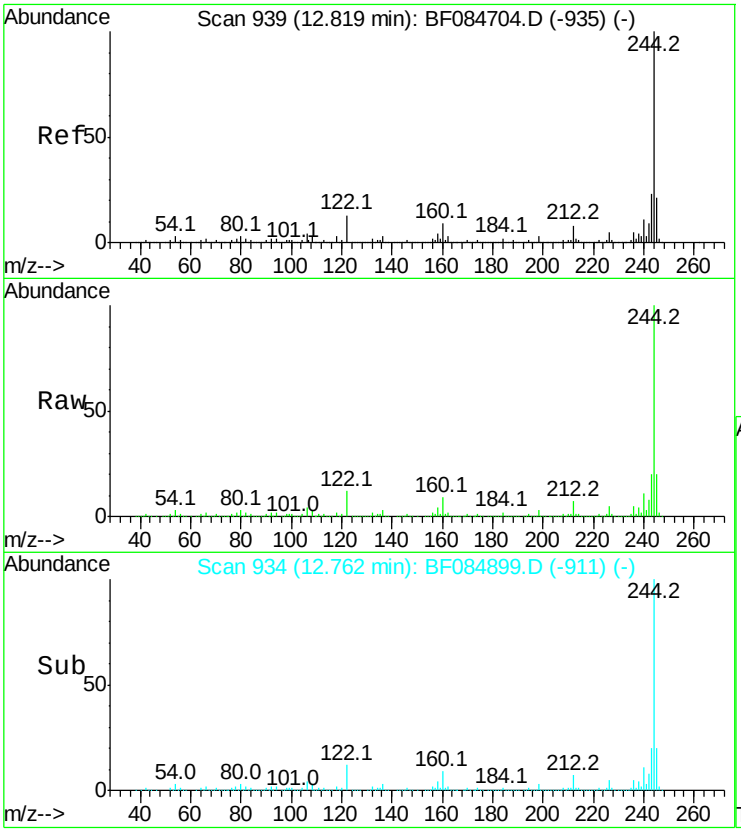


#77
Pyrene
Concen: 48.24 ng
RT: 12.61 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:202 Resp: 1163888

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	17.9	14.3	21.5

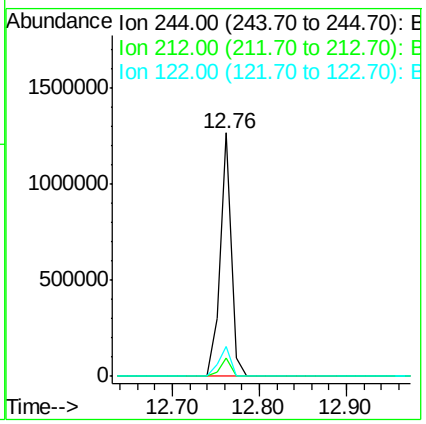




#78
Terphenyl-d14
Concen: 82.71 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:244 Resp: 1150283

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	12.1	7.4	11.0#



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

Manual Integrations APPROVED
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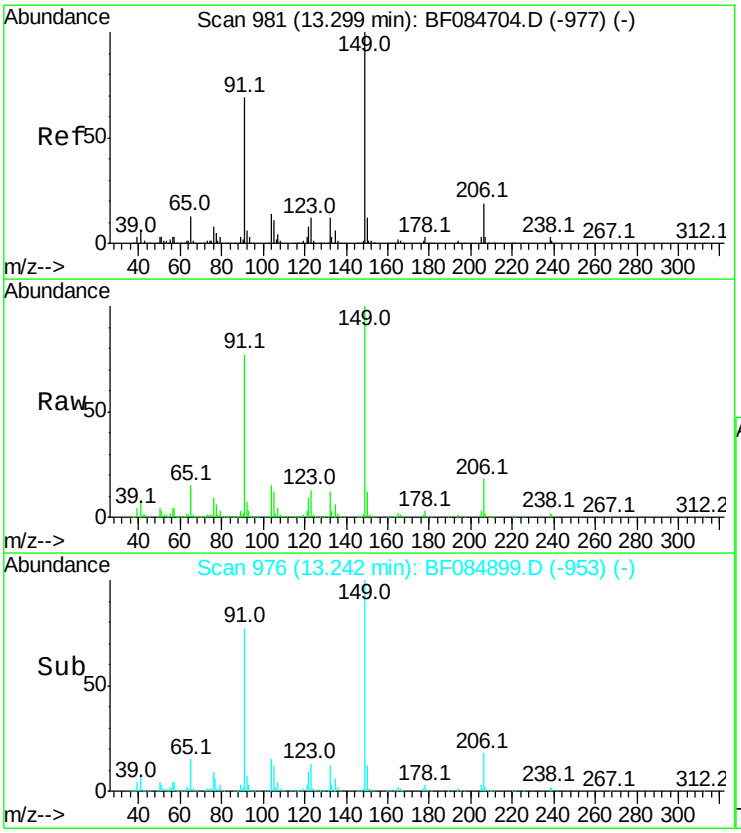
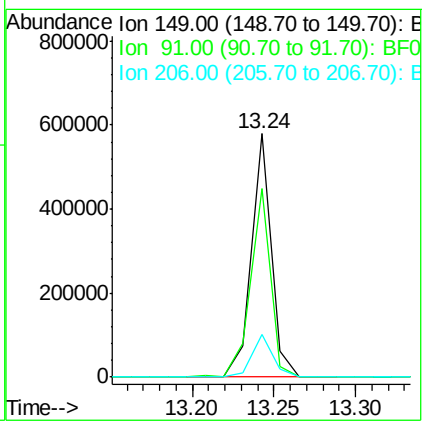
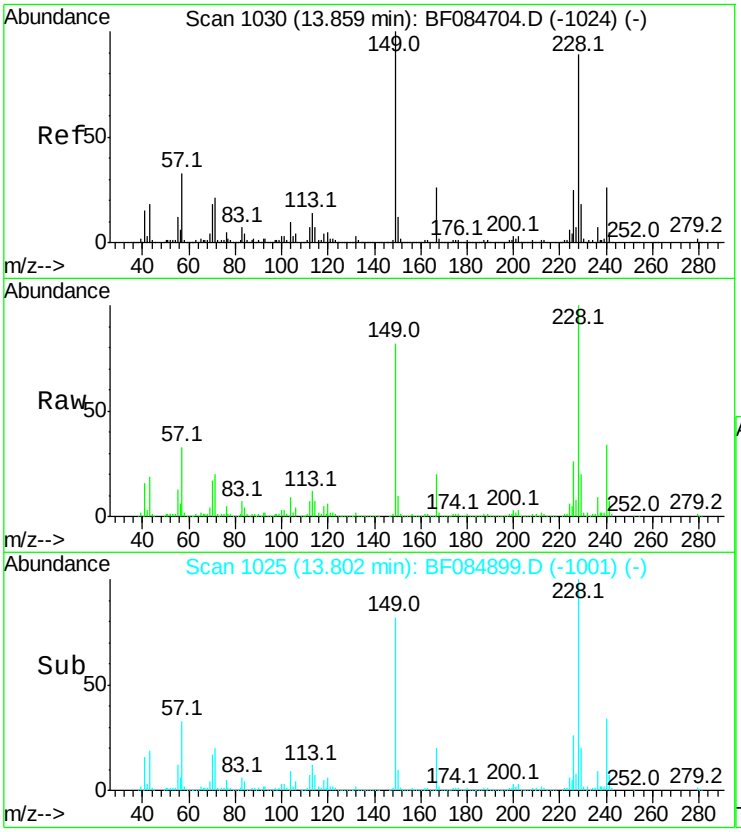


#79
Butylbenzylphthalate
Concen: 44.95 ng
RT: 13.24 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:149 Resp: 492008

Ion	Ratio	Lower	Upper
149	100		
91	77.5	57.6	86.4
206	17.5	13.2	19.8

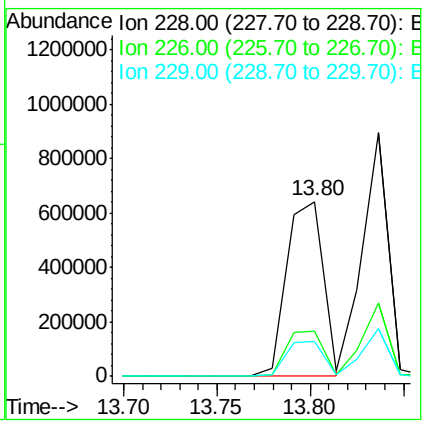




#80
Benzo(a)anthracene
Concen: 45.14 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:228 Resp: 882985

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.8	32.6
229	19.8	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

Manual Integrations APPROVED
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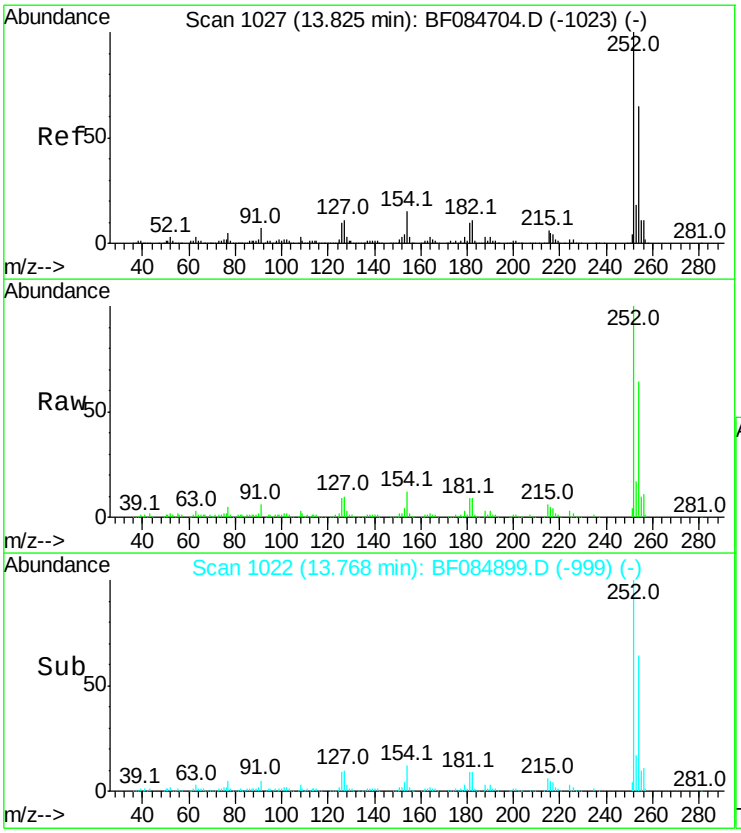
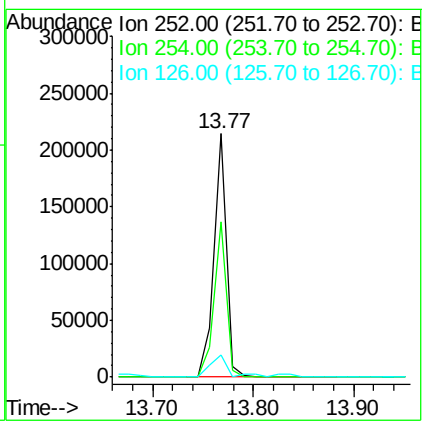
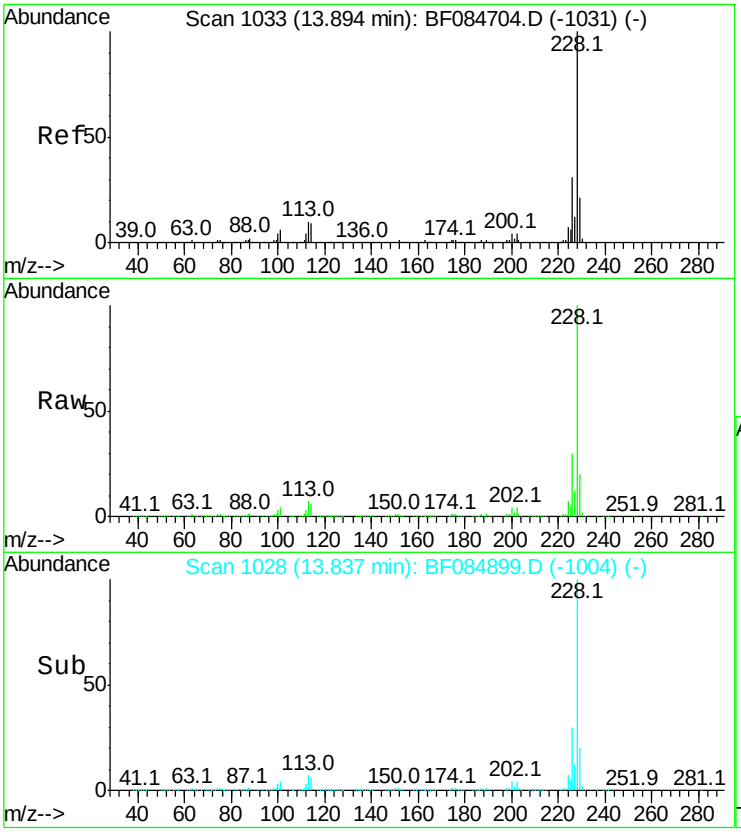


#81
3,3'-Dichlorobenzidine
Concen: 26.85 ng
RT: 13.77 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:252 Resp: 185942

Ion	Ratio	Lower	Upper
252	100		
254	64.0	53.5	80.3
126	9.2	4.9	7.3#

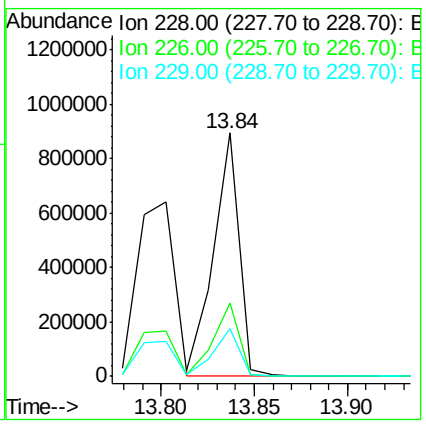




#82
Chrysene
Concen: 44.93 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:228 Resp: 852129

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	19.8	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

Manual Integrations APPROVED
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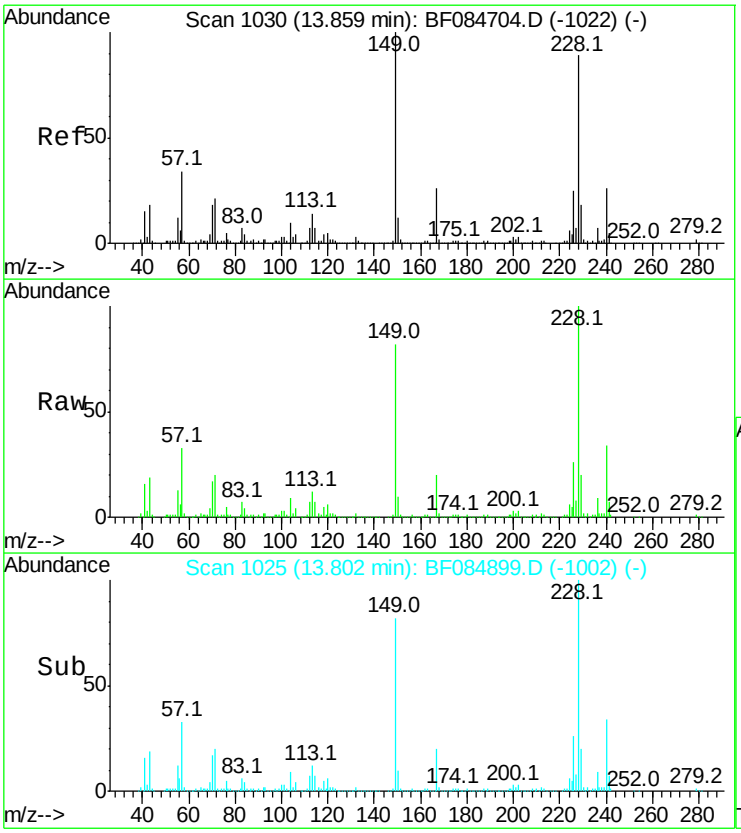
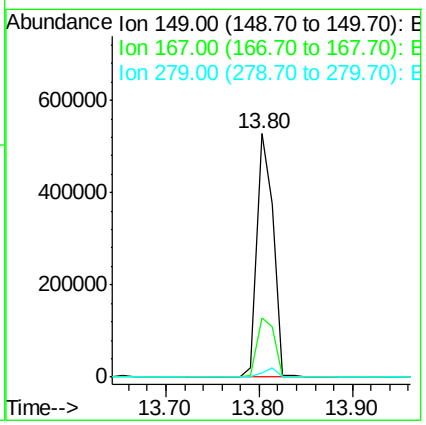
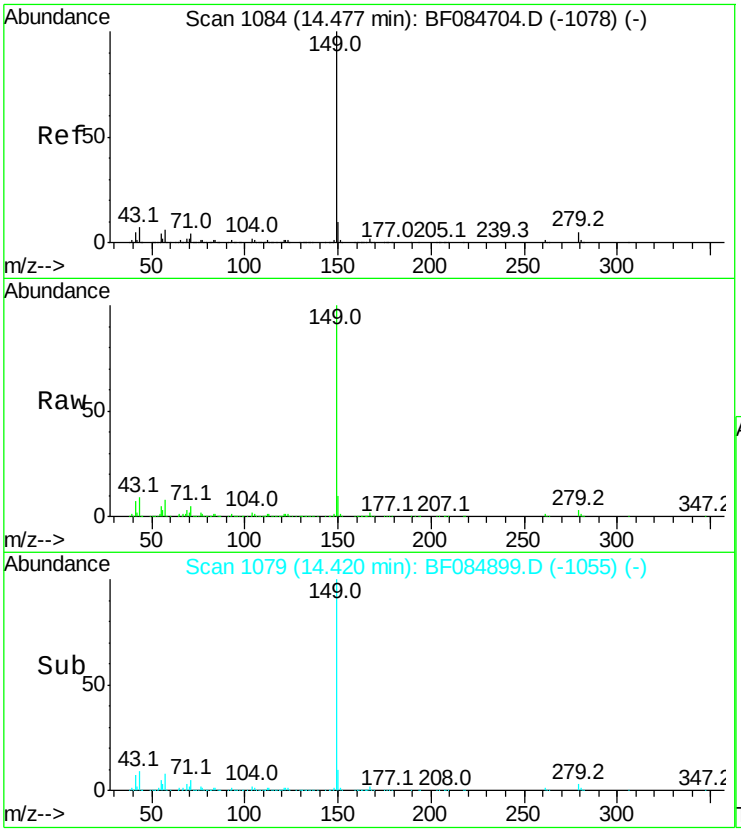


#83
Bis(2-ethylhexyl)phthalate
Concen: 47.17 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:149 Resp: 642535

Ion	Ratio	Lower	Upper
149	100		
167	24.3	19.7	29.5
279	1.7	1.8	2.6#

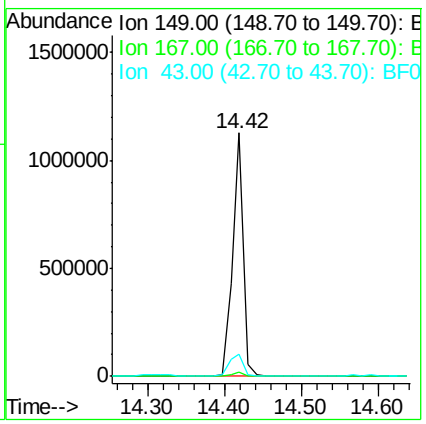




#84
Di-n-octyl phthalate
Concen: 49.99 ng
RT: 14.42 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:149 Resp: 1123334

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	11.4	5.6	8.4#



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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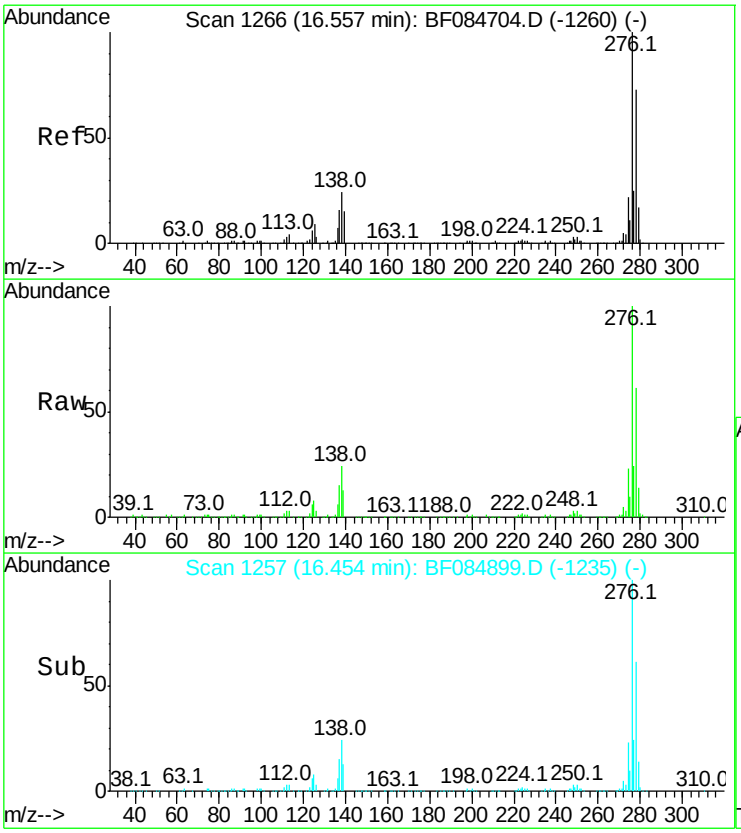
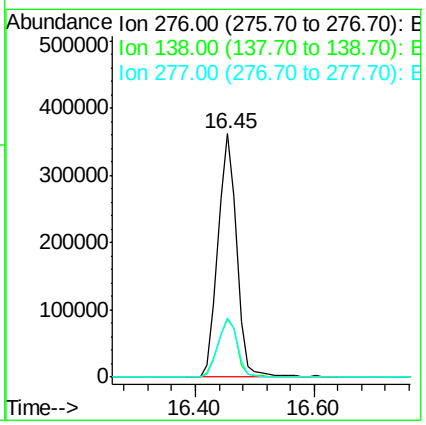
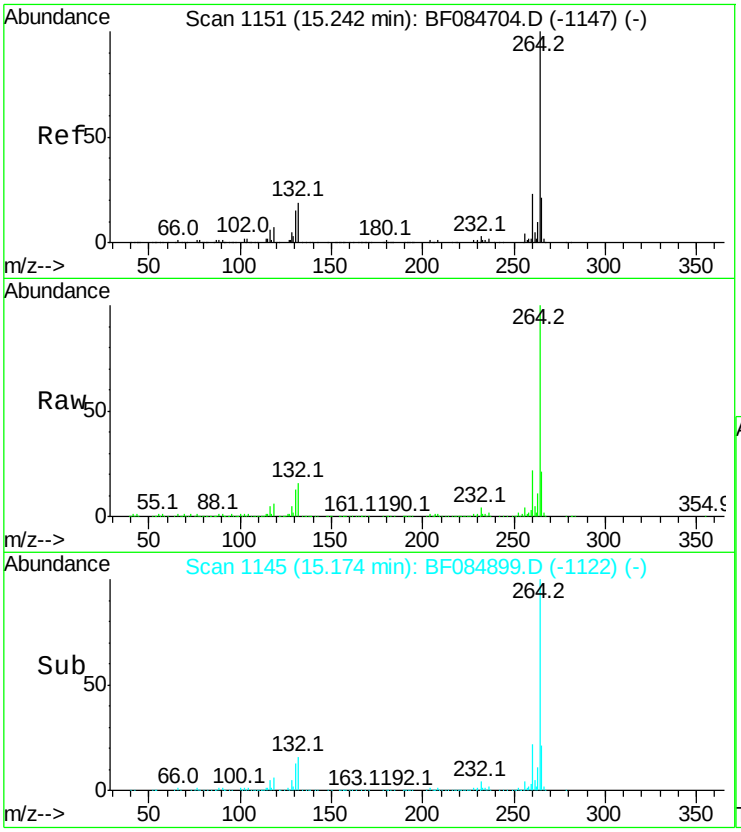


#85
Indeno(1,2,3-cd)pyrene
Concen: 53.18 ng
RT: 16.45 min Scan# 1257
Delta R.T. -0.05 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:276 Resp: 793940

Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.6	30.8
277	25.3	20.1	30.1

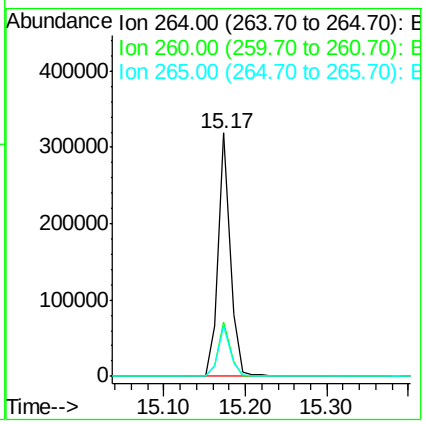




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:264 Resp: 330867

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.4	29.2
265	20.7	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

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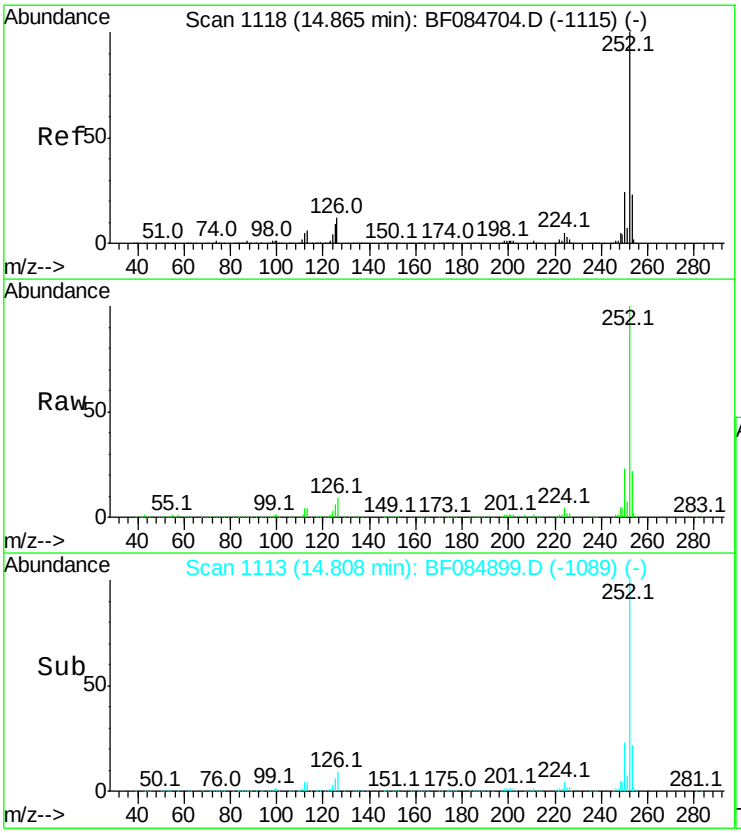
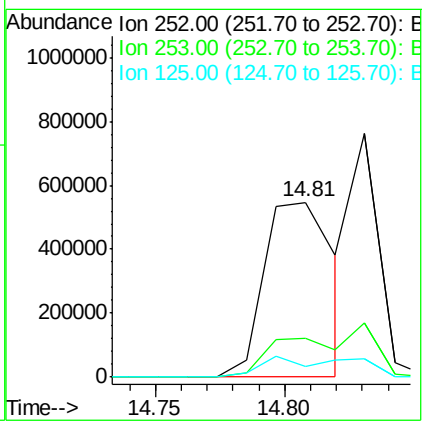
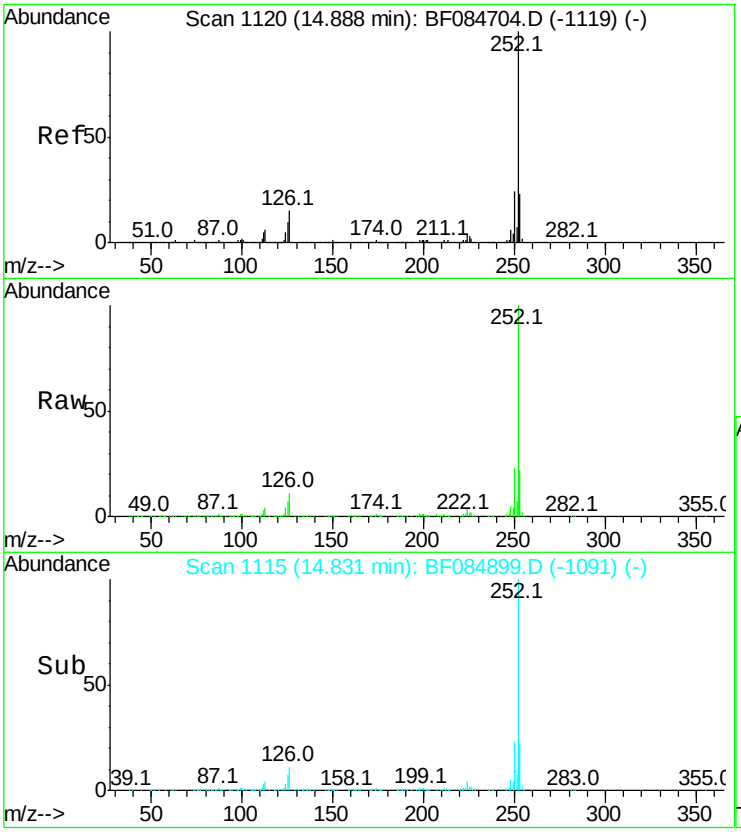


#87
Benzo(b)fluoranthene
Concen: 46.72 ng m
RT: 14.81 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:252 Resp: 1038538

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	6.1	6.5	9.7#

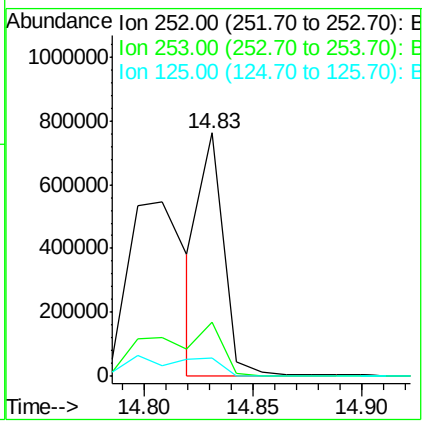




#88
Benzo(k)fluoranthene
Concen: 31.11 ng m
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:252 Resp: 571753

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	7.3	9.0	13.6#



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

Manual Integrations APPROVED
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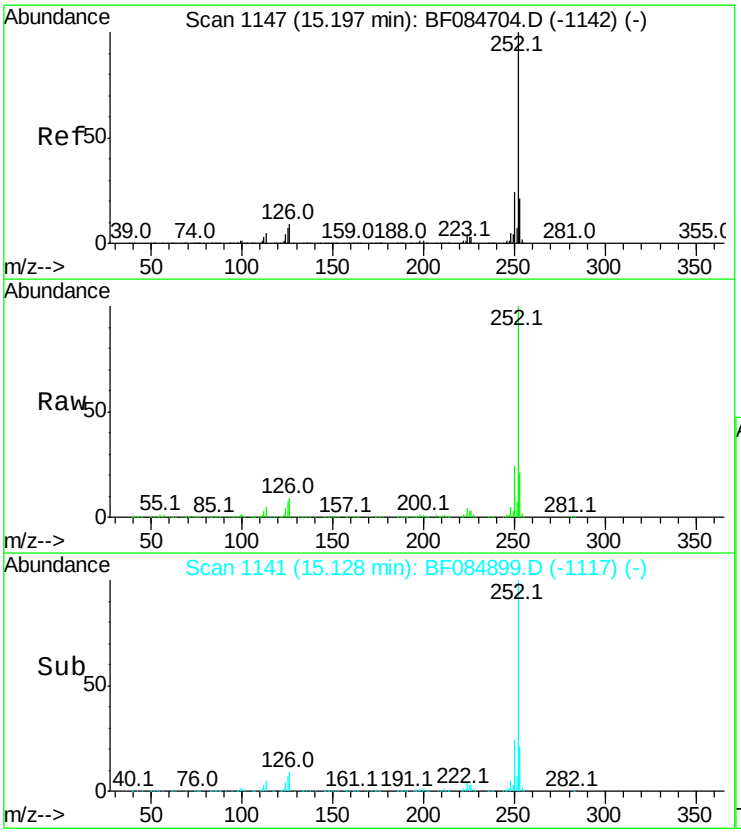
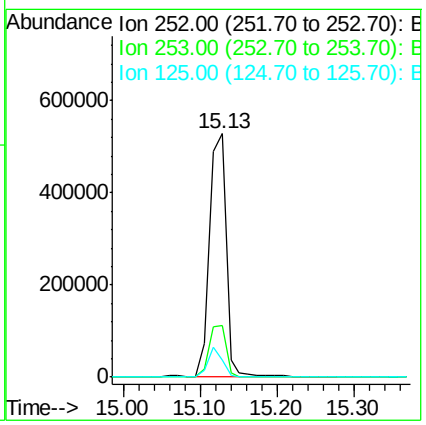
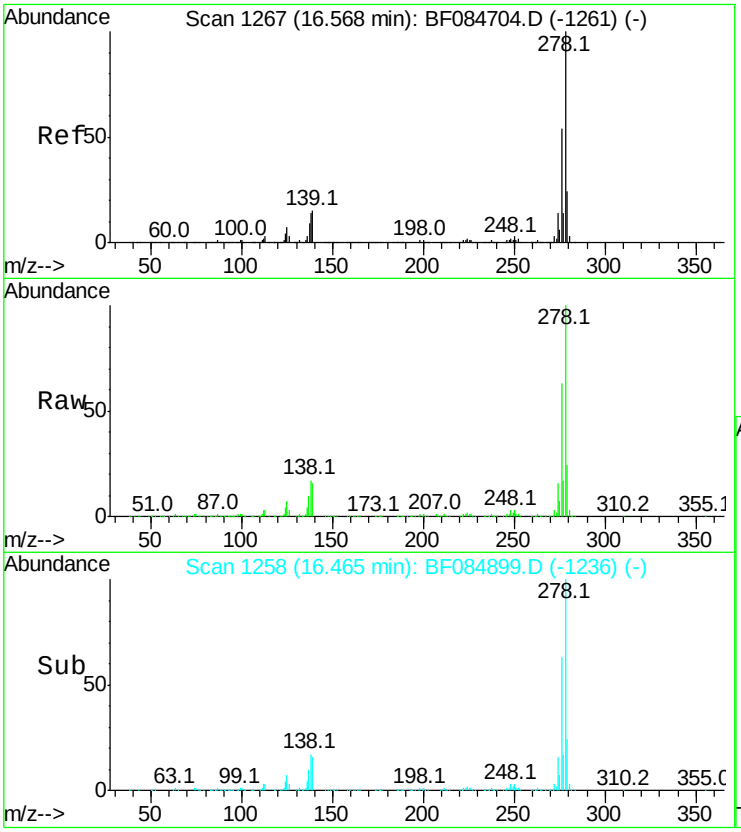


#89
Benzo(a)pyrene
Concen: 41.74 ng
RT: 15.13 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:252 Resp: 790720

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.3	25.9
125	7.2	7.0	10.4

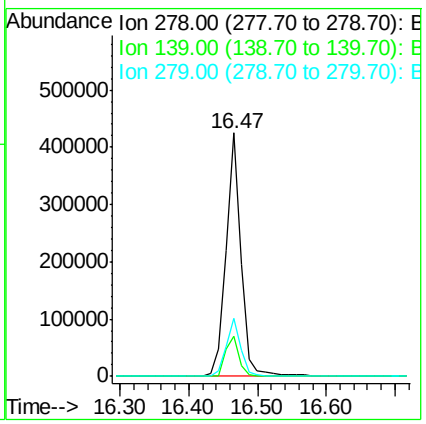




#90
Dibenzo(a,h)anthracene
Concen: 41.45 ng
RT: 16.47 min Scan# 1258
Delta R.T. -0.05 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

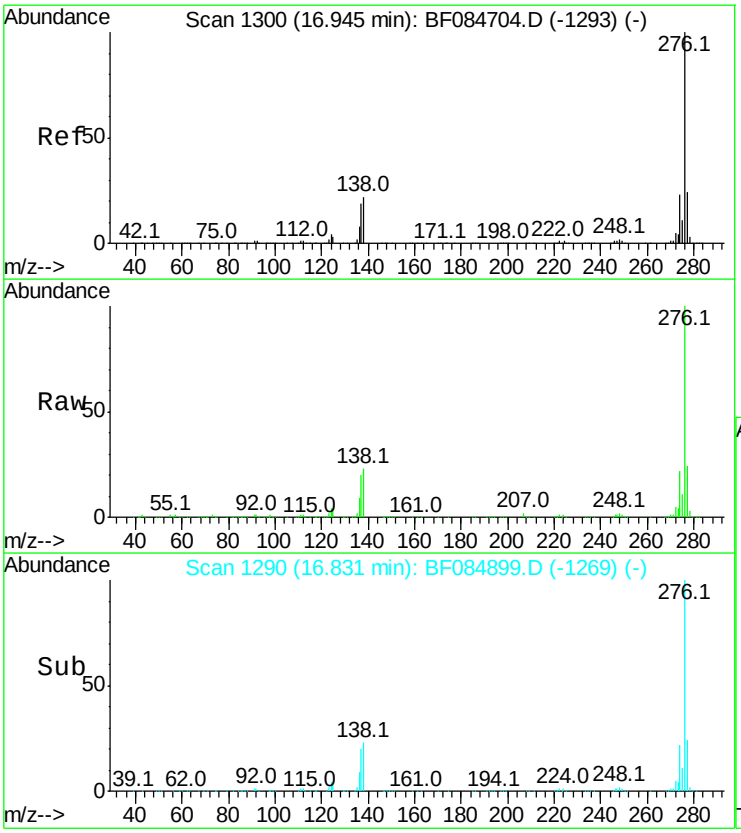
Tgt Ion:278 Resp: 660952

Ion	Ratio	Lower	Upper
278	100		
139	16.3	15.0	22.4
279	23.7	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

Manual Integrations APPROVED
UMANGI
2/8/2016 3:03:31 PM



#91
Benzo(g,h,i)perylene
Concen: 40.48 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.06 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:276 Resp: 650134

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	22.9	17.8	26.6