Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084733.D
Acq On : 2 Feb 2016 2:23
Operator : SJ/IZ
Sample : H1294-03MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP002MSD

Manual Integrations APPROVED
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Quant Time: Feb 02 04:04:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	162457	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	643314	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	306057	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	550371	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	338781	20.00	ng		-0.01
86) Perylene-d12	15.24	264	298929	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1553737	148.97	ng		0.01
7) Phenol-d6	6.37	99	1921036	148.57	ng		0.00
23) Nitrobenzene-d5	7.29	82	1223543	107.14	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	460540	144.26	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	1884981	120.47	ng		-0.01
78) Terphenyl-d14	12.82	244	1747305	116.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	183822	40.24	ng	#	73
3) Pyridine	2.93	79	571631	48.02	ng	#	65
4) n-Nitrosodimethylamine	2.90	42	297083	48.26	ng		85
6) Aniline	6.37	93	524199	33.13	ng	#	65
8) 2-Chlorophenol	6.50	128	544028	46.08	ng		90
9) Benzaldehyde	6.26	77	256386	33.58	ng		91
10) Phenol	6.38	94	788506	54.44	ng		96
11) bis(2-Chloroethyl)ether	6.45	93	517210	45.79	ng	#	81
12) 1,3-Dichlorobenzene	6.65	146	548176m	43.95	ng		
13) 1,4-Dichlorobenzene	6.73	146	558314	44.78	ng		96
14) 1,2-Dichlorobenzene	6.89	146	538596	46.38	ng		95
15) Benzyl Alcohol	6.86	79	437062	48.95	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.00	45	829531	43.66	ng		89
17) 2-Methylphenol	6.99	107	467124	50.03	ng	#	92
18) Hexachloroethane	7.22	117	222466	46.33	ng		91
19) n-Nitroso-di-n-propylamine	7.14	70	374424	46.20	ng	#	74
20) 3+4-Methylphenols	7.14	107	558236	48.17	ng	#	67
22) Acetophenone	7.13	105	793514	46.80	ng		99
24) Nitrobenzene	7.30	77	538309	44.02	ng		94
25) Isophorone	7.55	82	1087646	48.98	ng		96
26) 2-Nitrophenol	7.62	139	297604	49.34	ng	#	86
27) 2,4-Dimethylphenol	7.66	122	483963	46.13	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	655146	49.73	ng		99
29) 2,4-Dichlorophenol	7.87	162	478235	53.28	ng		93
30) 1,2,4-Trichlorobenzene	7.94	180	470081	46.37	ng		97
31) Naphthalene	8.02	128	1463533	45.35	ng		99
32) Benzoic acid	7.74	122	17891	2.67	ng	#	83
33) 4-Chloroaniline	8.08	127	315159	23.62	ng		96
34) Hexachlorobutadiene	8.14	225	292413	50.02	ng		99
35) Caprolactam	8.45	113	137219m	49.60	ng		
36) 4-Chloro-3-methylphenol	8.58	107	541523	52.88	ng		96
37) 2-Methylnaphthalene	8.72	142	1093482	54.14	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	421576	43.37	ng		98
40) Hexachlorocyclopentadiene	8.86	237	408535	90.41	ng		98

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Misc :
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Instrument :
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ClientSampleId :
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Quant Time: Feb 02 04:04:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	334797	53.46	ng		94
43) 2,4,5-Trichlorophenol	9.04	196	289120	45.44	ng	#	80
45) 1,1'-Biphenyl	9.18	154	1291992	47.26	ng		96
46) 2-Chloronaphthalene	9.21	162	945608	46.97	ng	#	85
47) 2-Nitroaniline	9.30	65	281979	44.24	ng		98
48) Acenaphthylene	9.62	152	1484575	48.59	ng		98
49) Dimethylphthalate	9.49	163	1423950	61.09	ng	#	91
50) 2,6-Dinitrotoluene	9.55	165	259317	50.92	ng	#	71
51) Acenaphthene	9.79	154	953583	47.98	ng		96
52) 3-Nitroaniline	9.71	138	161799	28.28	ng		99
53) 2,4-Dinitrophenol	9.82	184	101638	45.91	ng		94
54) Dibenzofuran	9.96	168	1322898	54.46	ng		97
55) 4-Nitrophenol	9.89	139	313201	74.47	ng	#	79
56) 2,4-Dinitrotoluene	9.95	165	292549	45.04	ng	#	80
57) Fluorene	10.30	166	1031925	50.87	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	239266	49.40	ng		91
59) Diethylphthalate	10.19	149	1144716	50.29	ng		97
60) 4-Chlorophenyl-phenylether	10.29	204	422244	50.42	ng		94
61) 4-Nitroaniline	10.33	138	232730	41.74	ng		92
62) Azobenzene	10.45	77	1125962	51.44	ng		91
64) 4,6-Dinitro-2-methylphenol	10.36	198	175905	51.78	ng		86
65) n-Nitrosodiphenylamine	10.42	169	914519	52.33	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	317692	52.26	ng	#	93
67) Hexachlorobenzene	10.84	284	299572	45.23	ng	#	83
68) Atrazine	10.94	200	267791	48.52	ng		98
69) Pentachlorophenol	11.05	266	302735	97.25	ng		98
70) Phenanthrene	11.25	178	1311018	42.95	ng		97
71) Anthracene	11.31	178	1568936	51.01	ng		99
72) Carbazole	11.47	167	1363863	50.85	ng		98
73) Di-n-butylphthalate	11.80	149	1458825	42.72	ng	#	96
74) Fluoranthene	12.44	202	1506614	48.76	ng		94
76) Benzidine	12.57	184	535848	45.94	ng		98
77) Pyrene	12.67	202	1449033	55.87	ng		99
79) Butylbenzylphthalate	13.30	149	625139	53.13	ng	#	82
80) Benzo(a)anthracene	13.85	228	984282	46.81	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	180685	24.27	ng	#	95
82) Chrysene	13.88	228	918154	45.03	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	798661	54.54	ng	#	96
84) Di-n-octyl phthalate	14.46	149	1164110	48.19	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.55	276	970081	60.44	ng		99
87) Benzo(b)fluoranthene	14.85	252	1076169m	53.58	ng		
88) Benzo(k)fluoranthene	14.89	252	647761m	39.01	ng		
89) Benzo(a)pyrene	15.19	252	817035	47.74	ng	#	97
90) Dibenzo(a,h)anthracene	16.56	278	802127	55.68	ng		99
91) Benzo(g,h,i)perylene	16.95	276	835899	57.60	ng		97

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

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Quant Time: Feb 02 04:04:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
EP002MSD

Manual Integrations APPROVED
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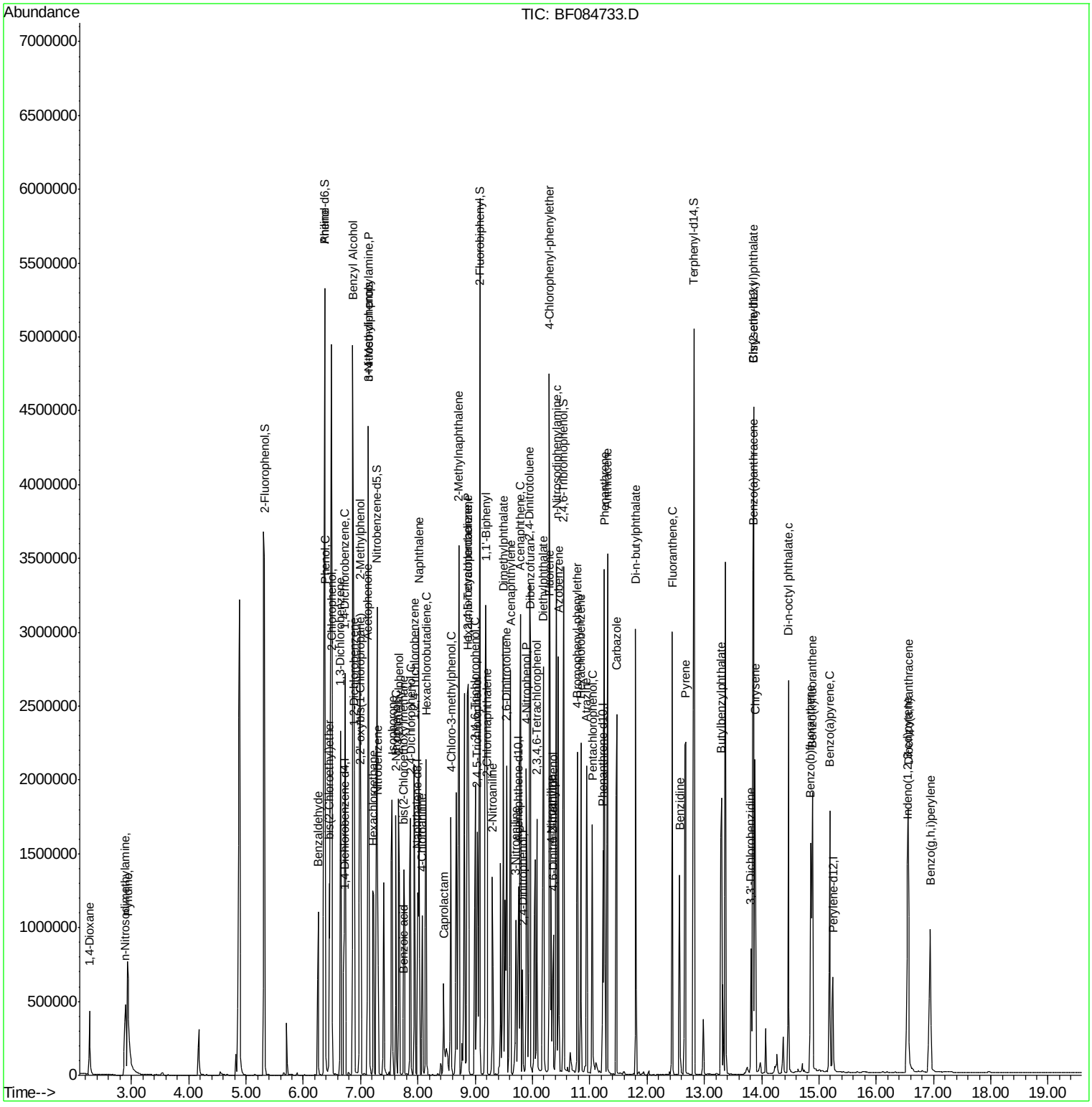
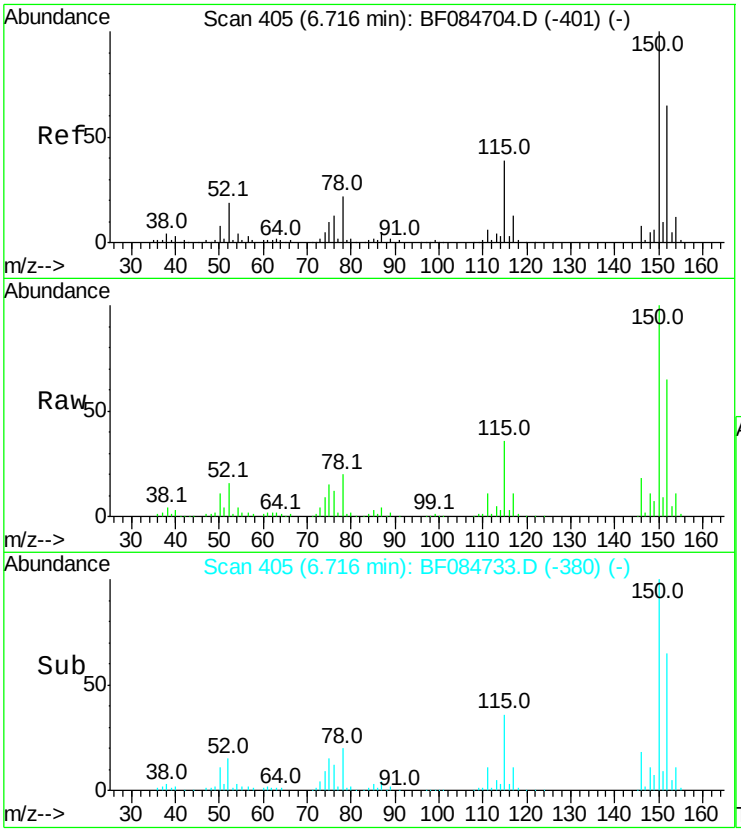
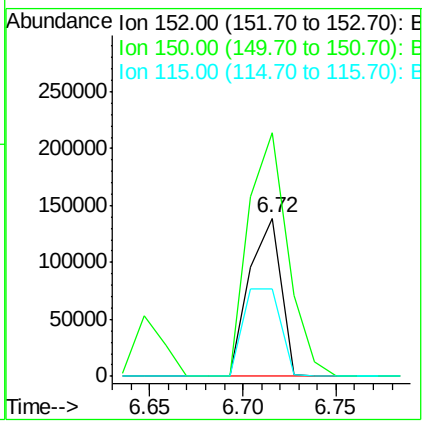




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:152 Resp: 162457

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.0	184.4
115	55.4	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
EP002MSD

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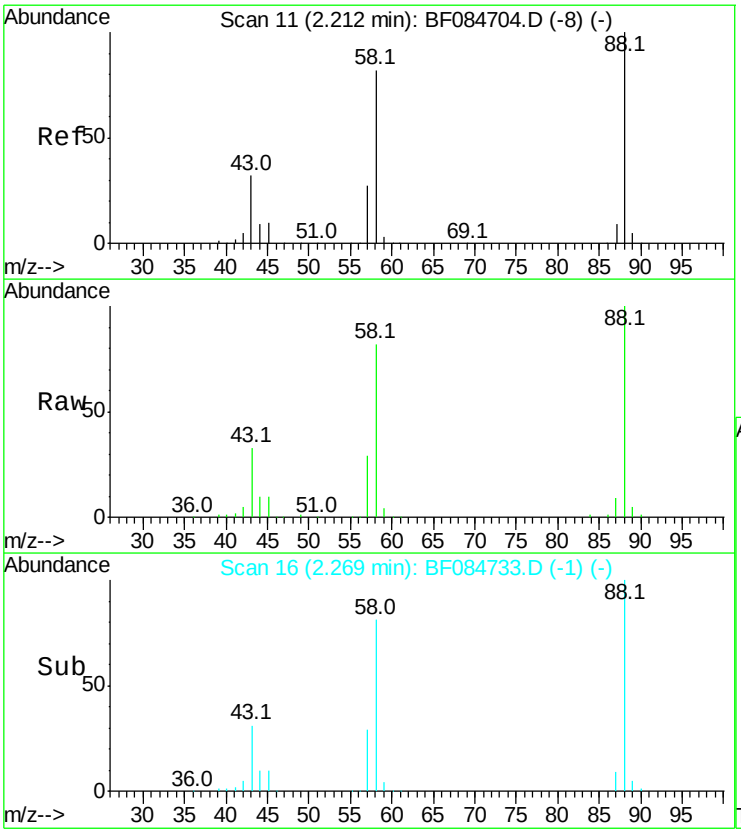
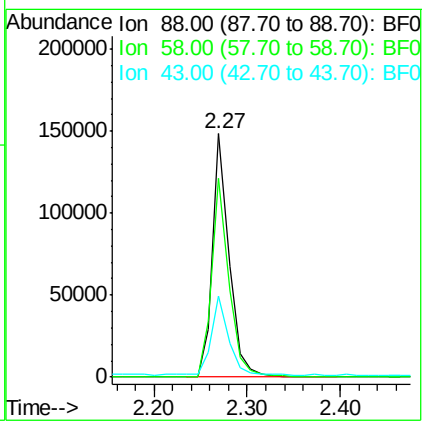
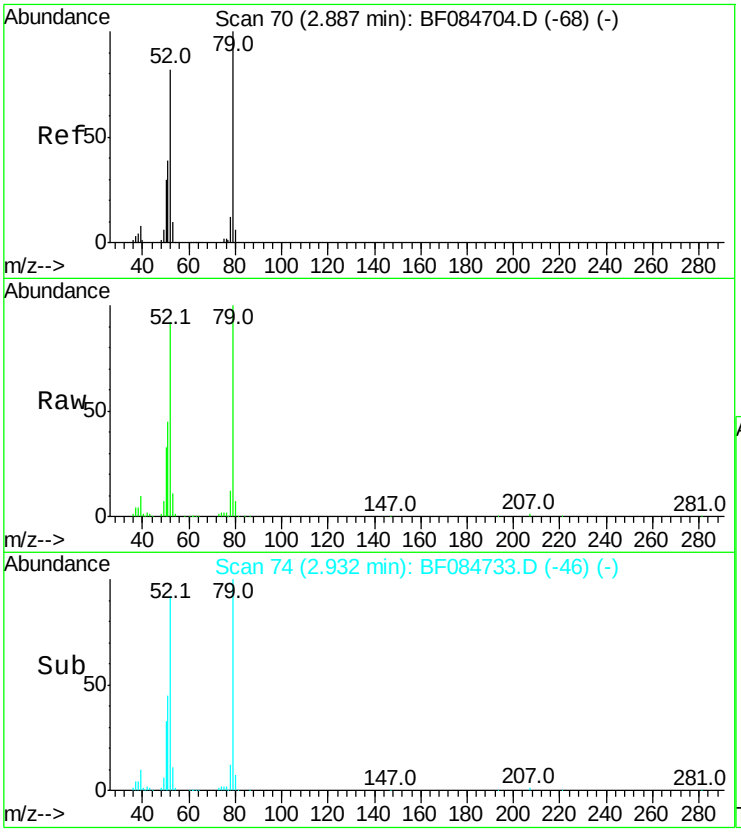


#2
1,4-Dioxane
Concen: 40.24 ng
RT: 2.27 min Scan# 16
Delta R.T. 0.05 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion: 88 Resp: 183822

Ion	Ratio	Lower	Upper
88	100		
58	86.6	51.2	76.8#
43	34.7	19.5	29.3#

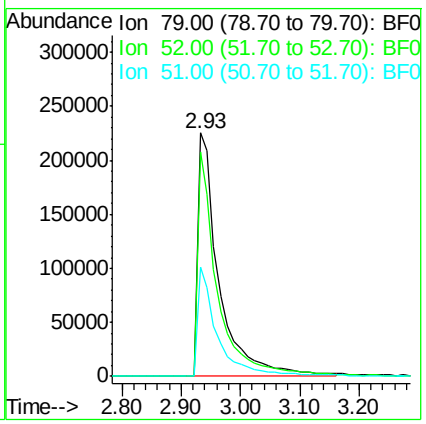




#3
Pyridine
Concen: 48.02 ng
RT: 2.93 min Scan# 74
Delta R.T. 0.02 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion: 79 Resp: 571631

Ion	Ratio	Lower	Upper
79	100		
52	92.4	49.0	73.4#
51	45.1	25.2	37.8#



Instrument :
BNA_F
ClientSampleId :
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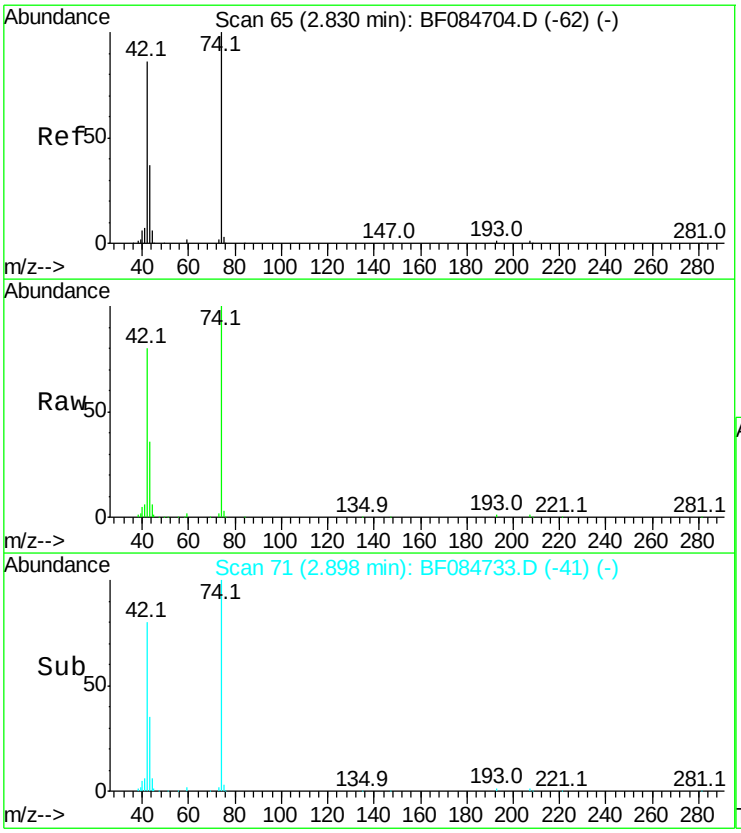
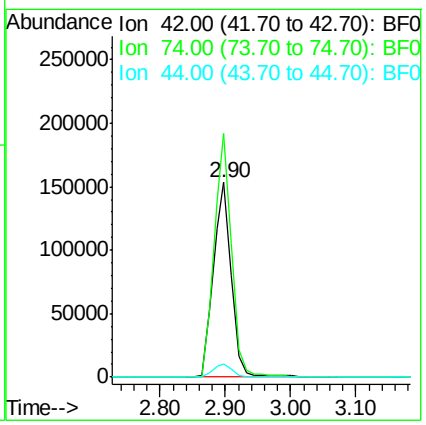
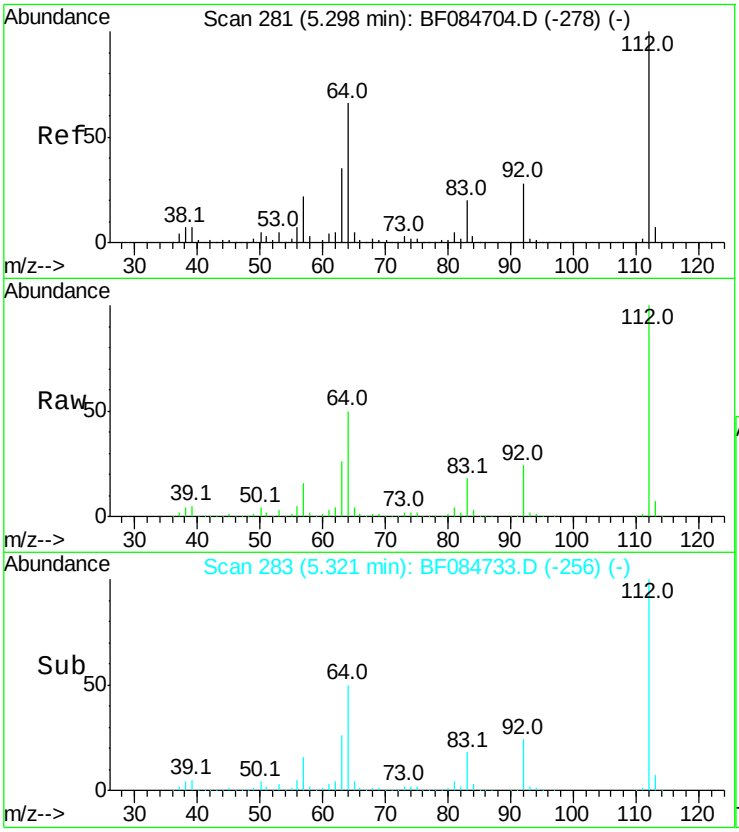


#4
n-Nitrosodimethylamine
Concen: 48.26 ng
RT: 2.90 min Scan# 71
Delta R.T. 0.05 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion: 42 Resp: 297083

Ion	Ratio	Lower	Upper
42	100		
74	125.1	115.7	173.5
44	7.0	5.1	7.7

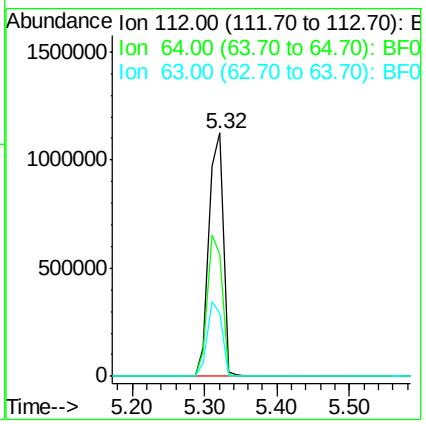




#5
2-Fluorophenol
Concen: 148.97 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:112 Resp: 1553737

Ion	Ratio	Lower	Upper
112	100		
64	50.1	36.6	55.0
63	25.8	19.4	29.0



Instrument :
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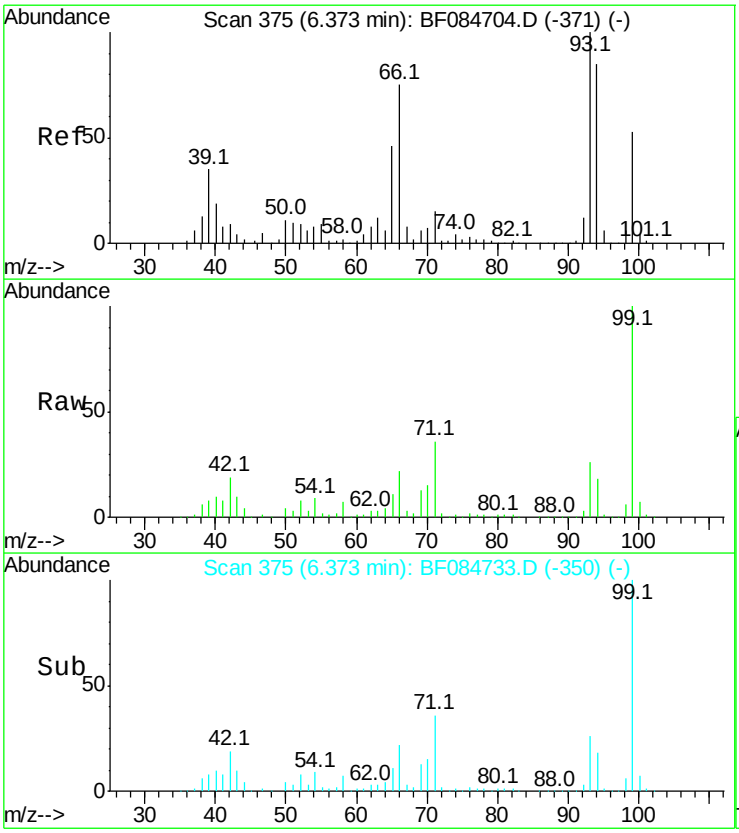
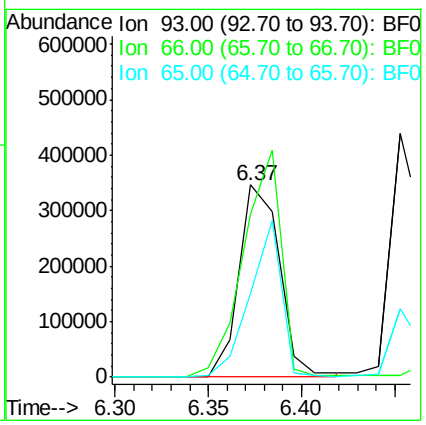
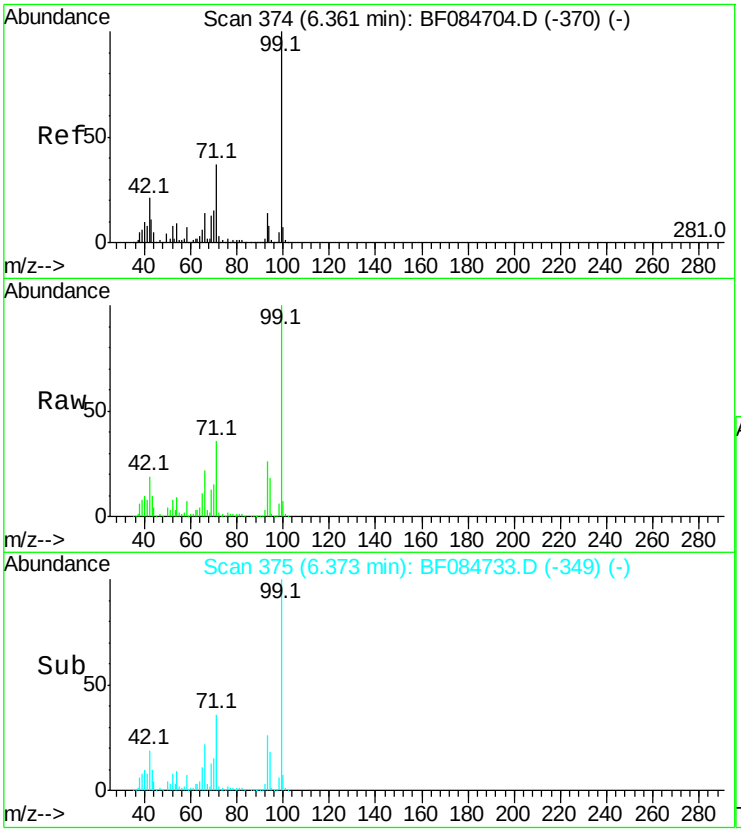


#6
Aniline
Concen: 33.13 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion: 93 Resp: 524199

Ion	Ratio	Lower	Upper
93	100		
66	84.7	44.9	67.3#
65	43.6	23.7	35.5#

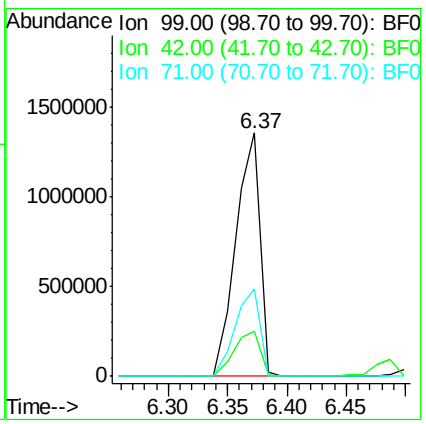




#7
Phenol-d6
Concen: 148.57 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion: 99 Resp: 1921036

Ion	Ratio	Lower	Upper
99	100		
42	18.7	12.8	19.2
71	35.8	30.9	46.3



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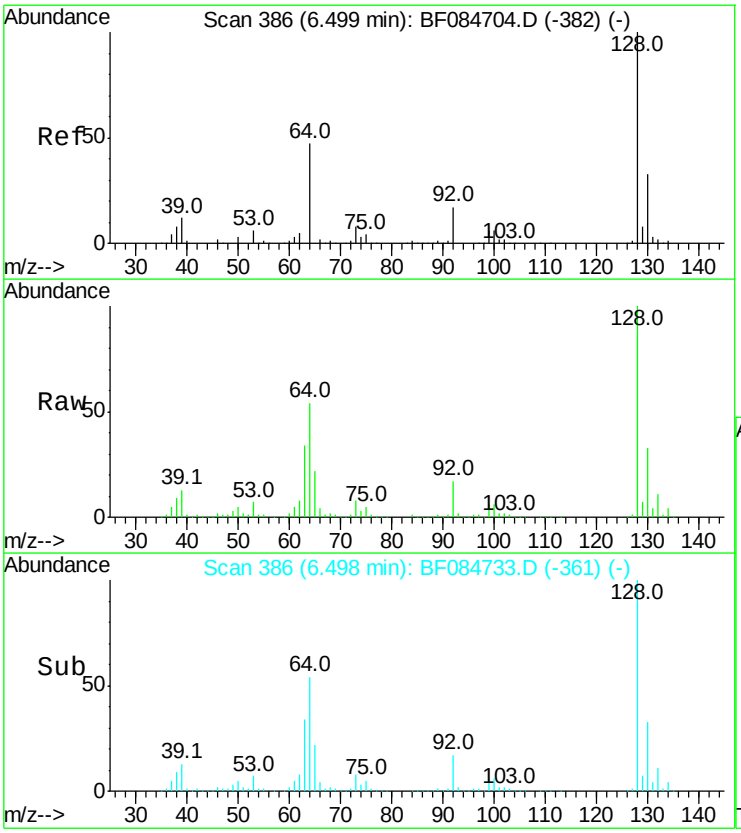
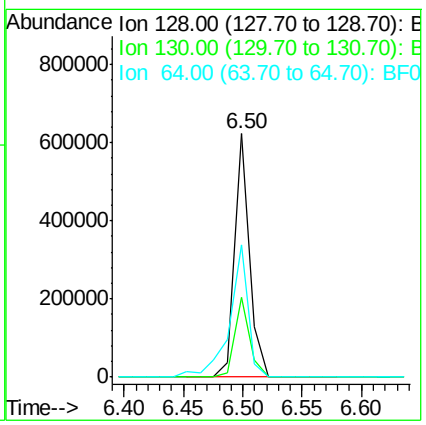
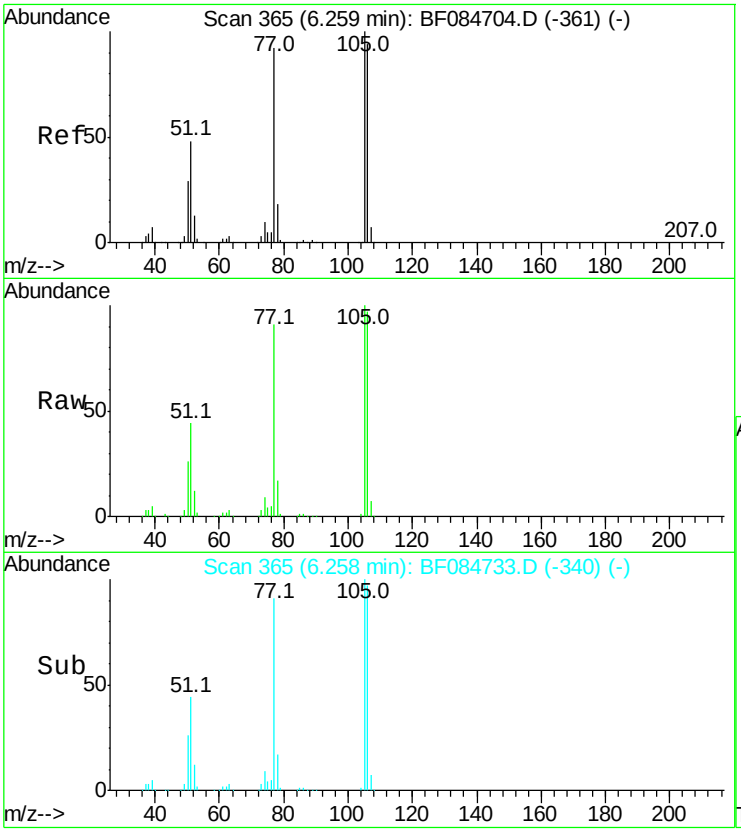


#8
2-Chlorophenol
Concen: 46.08 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:128 Resp: 544028

Ion	Ratio	Lower	Upper
128	100		
130	32.8	11.6	51.6
64	54.4	23.8	63.8

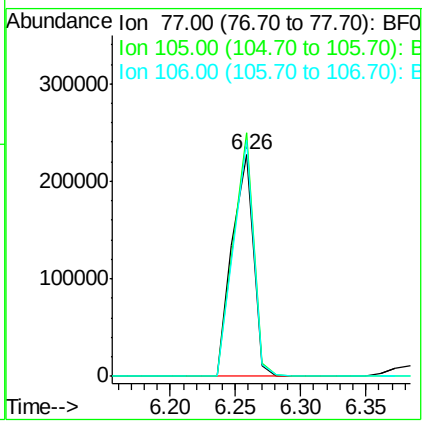




#9
Benzaldehyde
Concen: 33.58 ng
RT: 6.26 min Scan# 365
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion: 77 Resp: 256386

Ion	Ratio	Lower	Upper
77	100		
105	110.0	83.0	123.0
106	106.3	74.6	114.6



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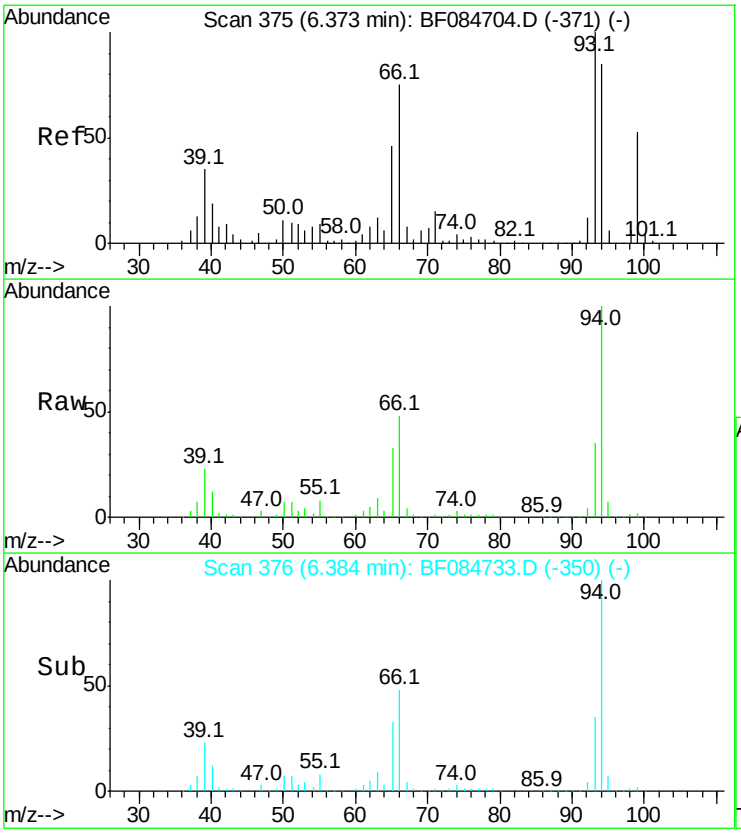
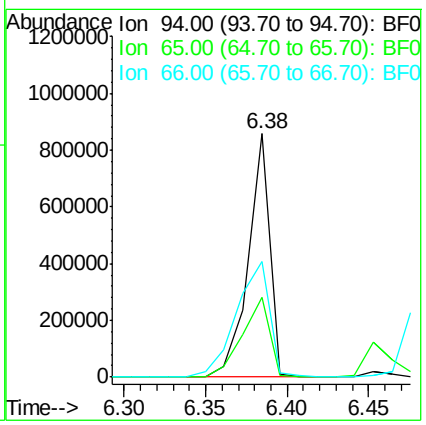
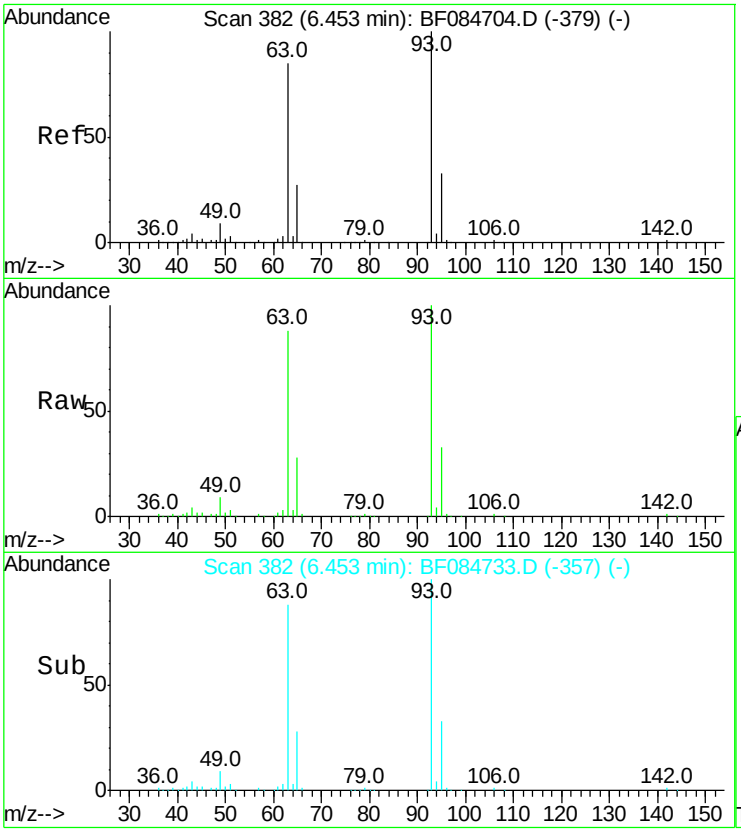


#10
Phenol
Concen: 54.44 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.00 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion: 94 Resp: 788506

Ion	Ratio	Lower	Upper
94	100		
65	32.9	12.9	52.9
66	47.7	32.7	72.7

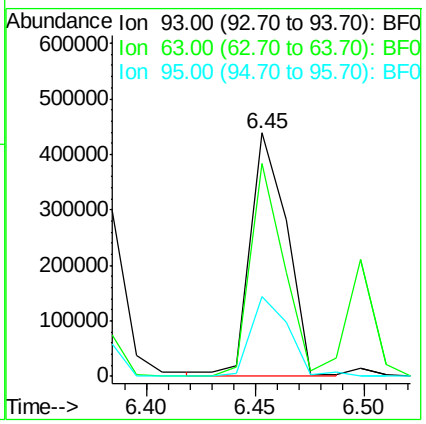




#11
bis(2-Chloroethyl)ether
Concen: 45.79 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion: 93 Resp: 517210

Ion	Ratio	Lower	Upper
93	100		
63	87.6	45.9	85.9#
95	32.9	12.3	52.3



Instrument :
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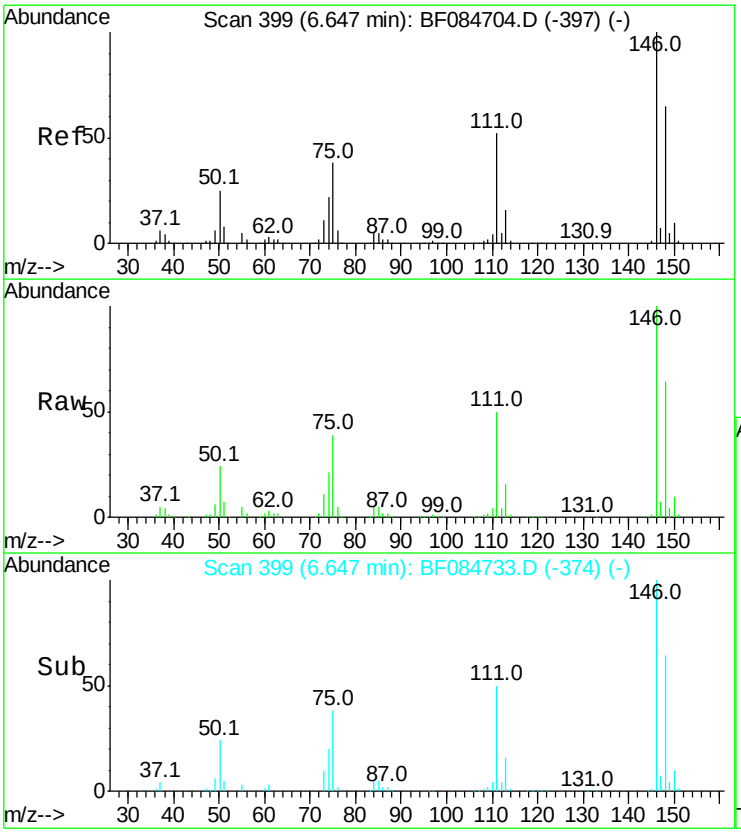
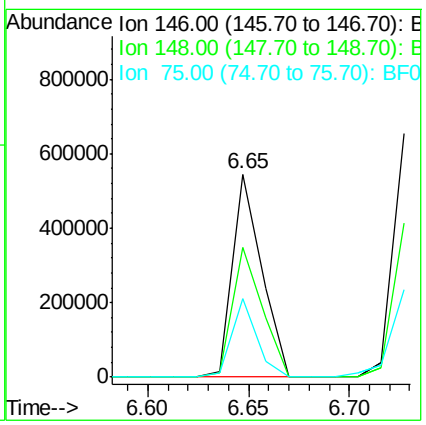
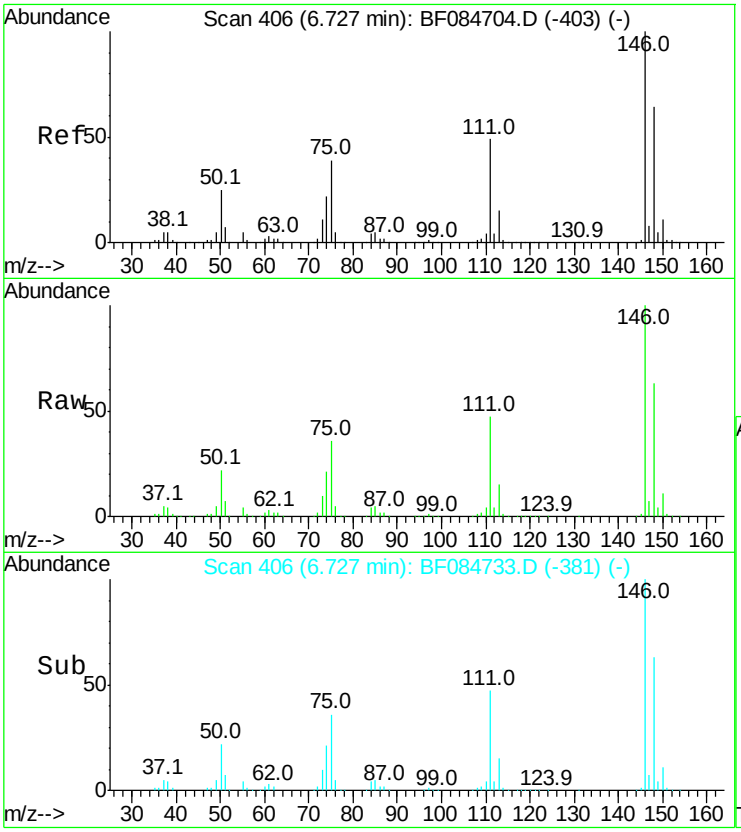


#12
1,3-Dichlorobenzene
Concen: 43.95 ng m
RT: 6.65 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:146 Resp: 548176

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
75	38.7	20.5	30.7#

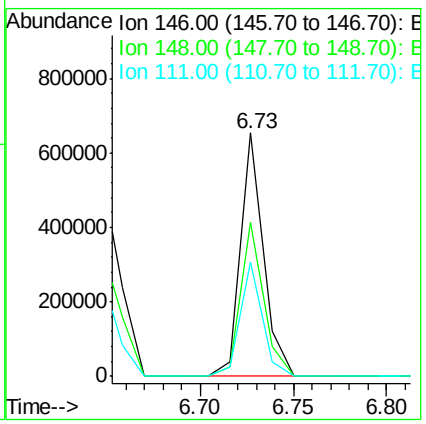




#13
1,4-Dichlorobenzene
Concen: 44.78 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:146 Resp: 558314

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.9	77.9
111	47.0	41.6	62.4



Instrument :
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ClientSampleId :
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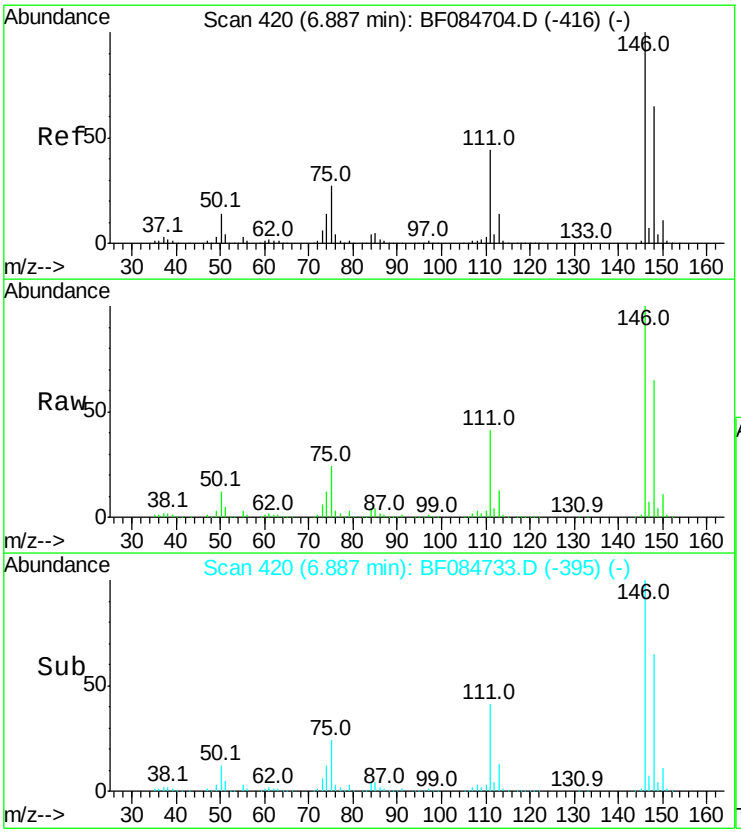
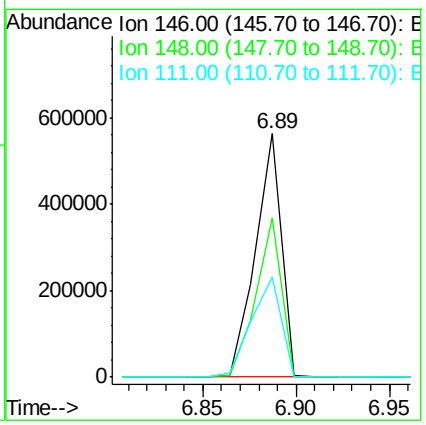
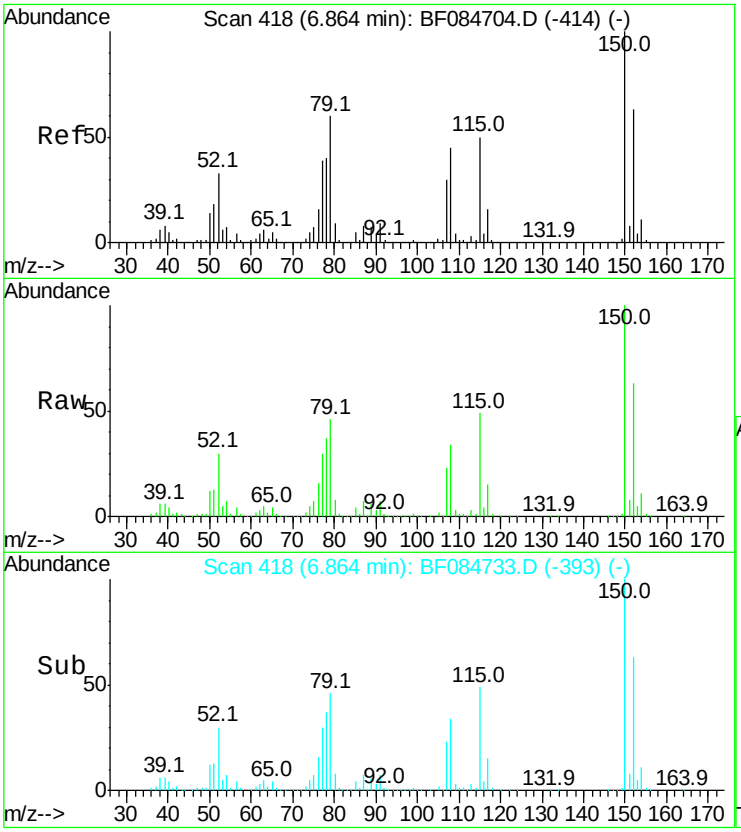


#14
1,2-Dichlorobenzene
Concen: 46.38 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:146 Resp: 538596

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.6	77.4
111	41.2	38.0	57.0

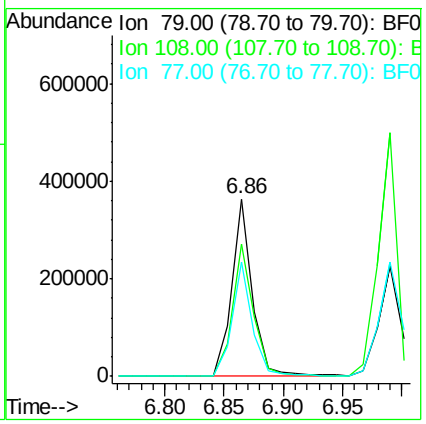




#15
Benzyl Alcohol
Concen: 48.95 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion: 79 Resp: 437062

Ion	Ratio	Lower	Upper
79	100		
108	74.2	69.0	103.4
77	64.7	50.0	75.0



Instrument :
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ClientSampleId :
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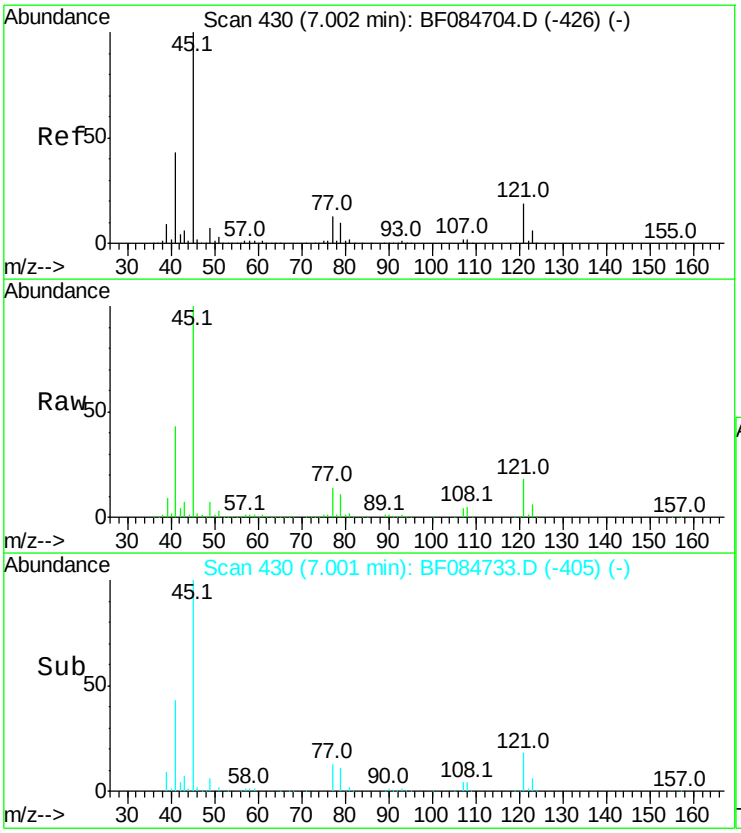
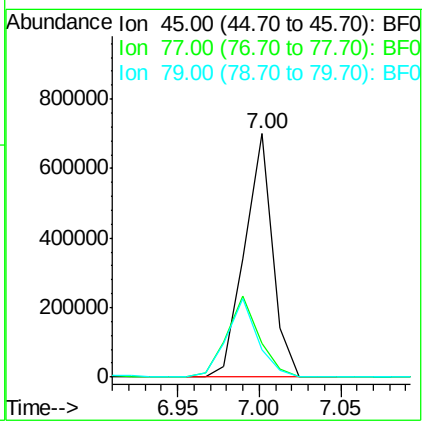
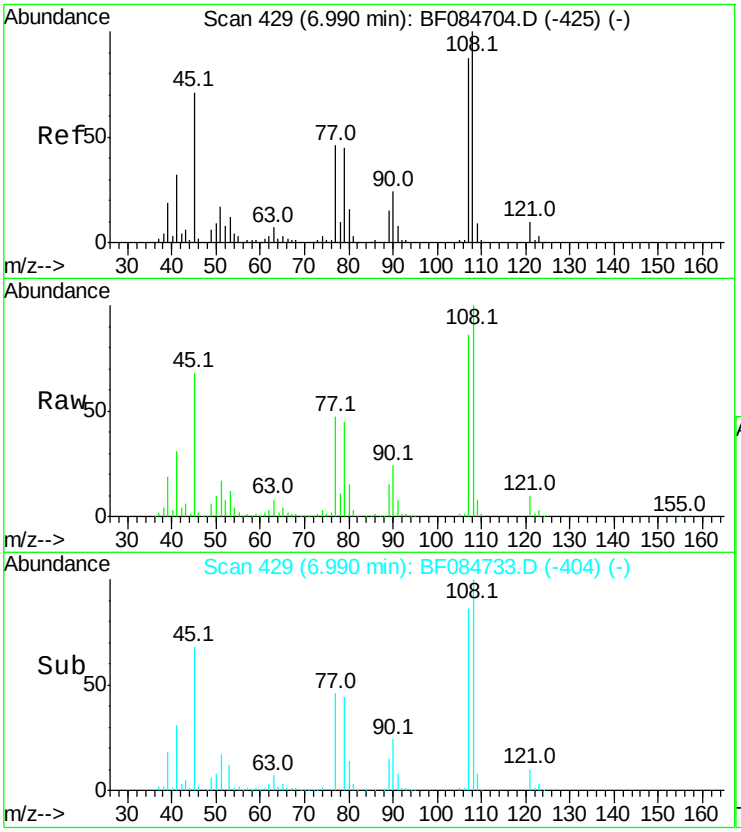


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.66 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion: 45 Resp: 829531

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	39.6
79	11.1	0.0	35.0

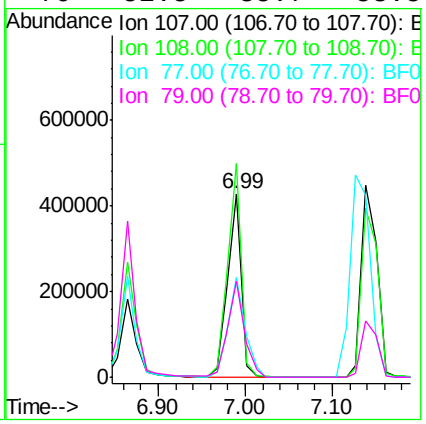




#17
2-Methylphenol
Concen: 50.03 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:107 Resp: 467124

Ion	Ratio	Lower	Upper
107	100		
108	116.3	89.8	134.6
77	54.7	35.7	53.5#
79	52.5	35.7	53.5



Instrument :
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ClientSampleId :
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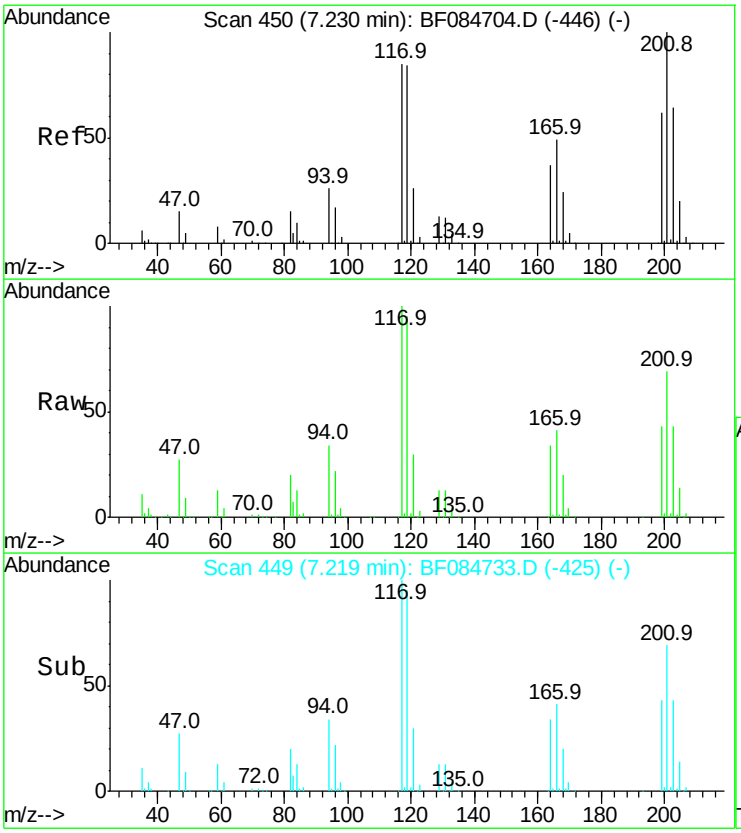
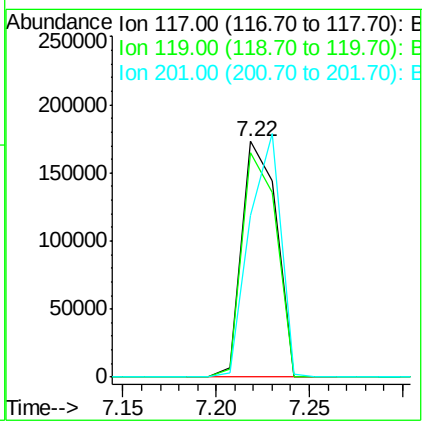
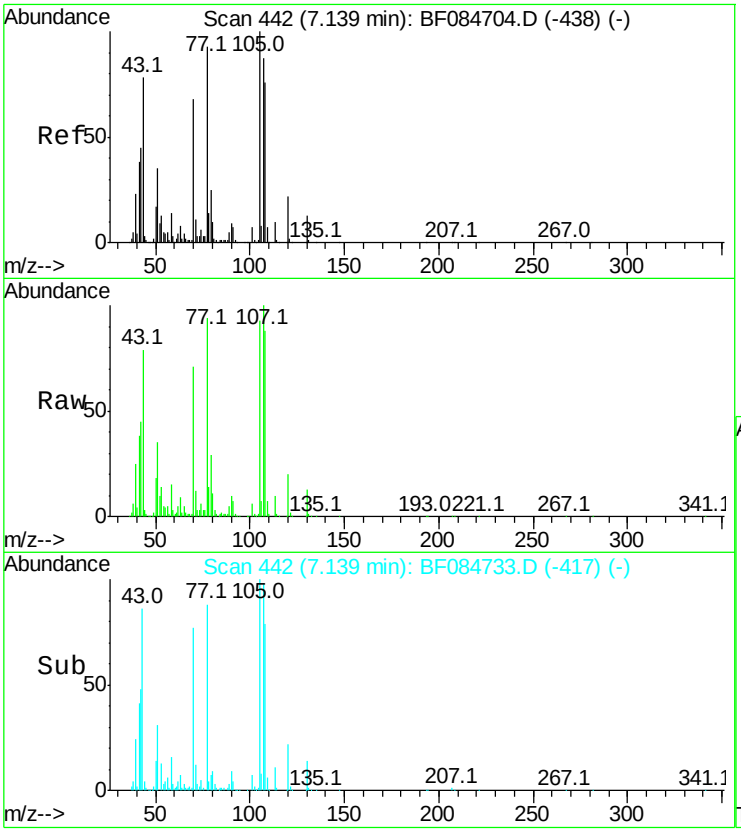


#18
Hexachloroethane
Concen: 46.33 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:117 Resp: 222466

Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.4	116.0
201	68.7	68.6	103.0

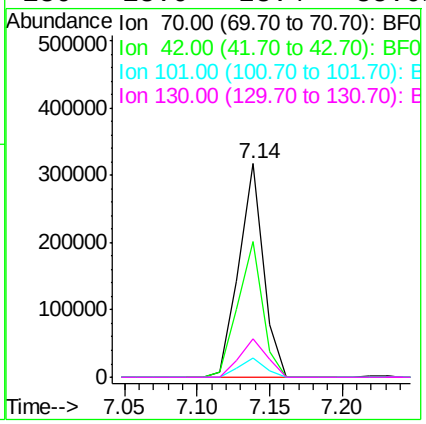




#19
n-Nitroso-di-n-propylamine
Concen: 46.20 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion: 70 Resp: 374424

Ion	Ratio	Lower	Upper
70	100		
42	63.7	33.3	49.9#
101	8.8	9.3	13.9#
130	18.0	23.4	35.0#



Instrument :
BNA_F
ClientSampleId :
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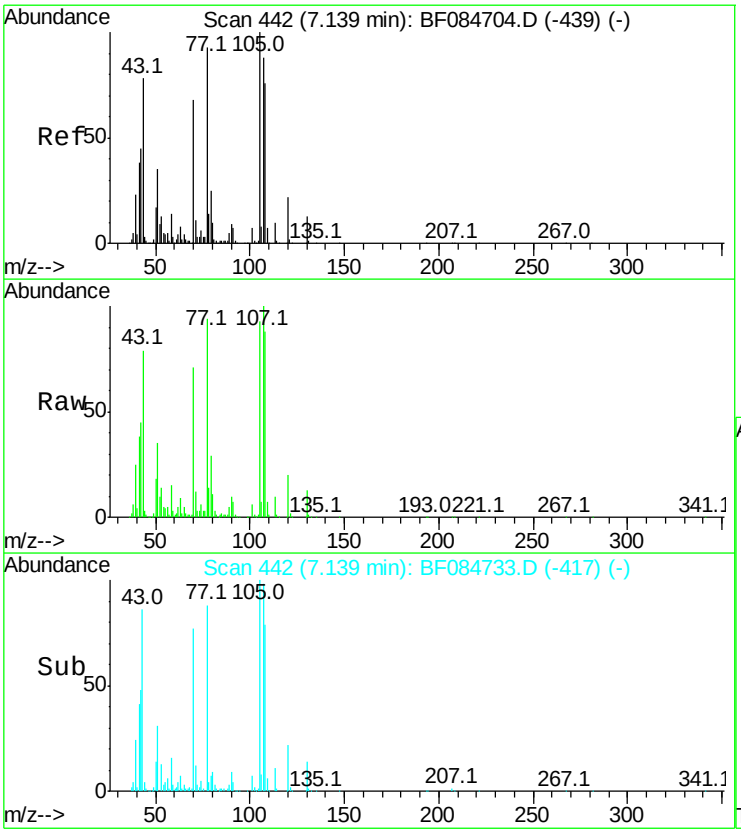
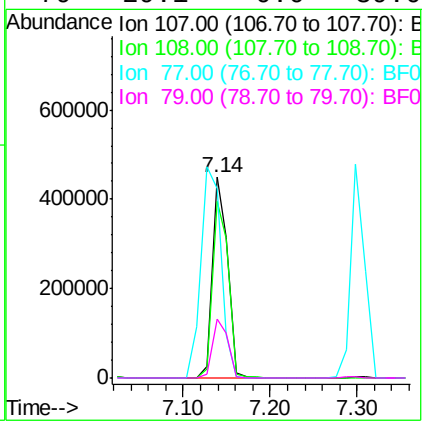
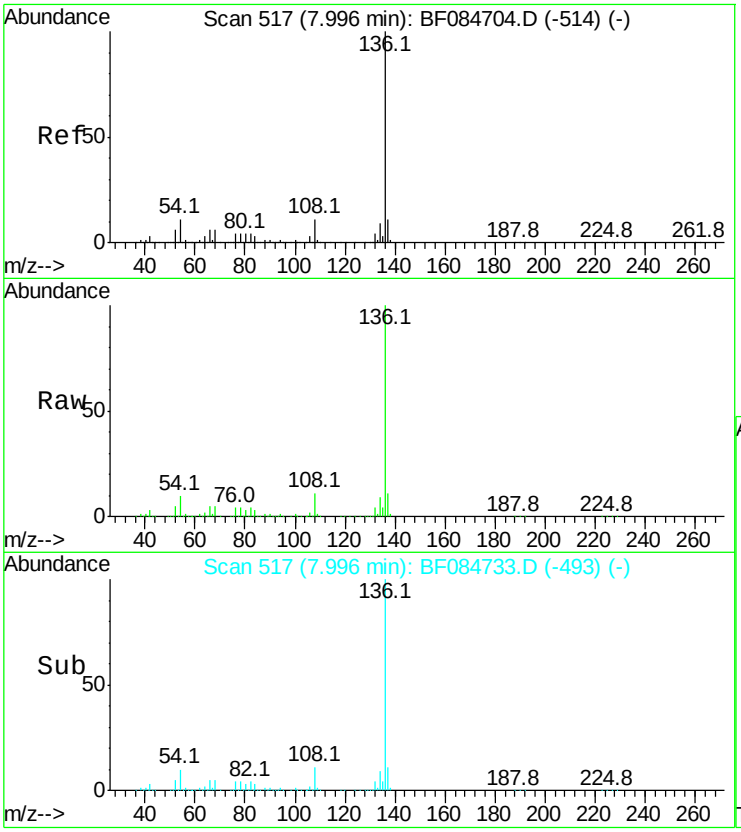


#20
3+4-Methylphenols
Concen: 48.17 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:107 Resp: 558236

Ion	Ratio	Lower	Upper
107	100		
108	87.7	74.6	114.6
77	94.5	0.7	40.7#
79	29.1	0.0	39.0

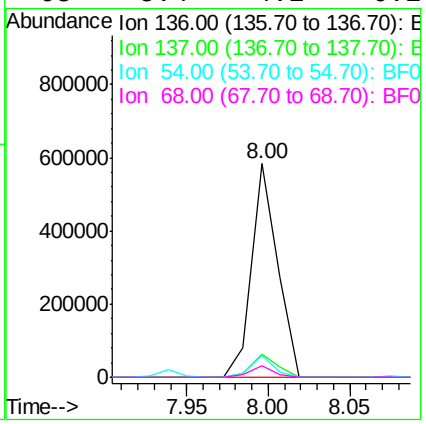




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:136 Resp: 643314

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.0	5.8	8.8#
68	5.4	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
EP002MSD

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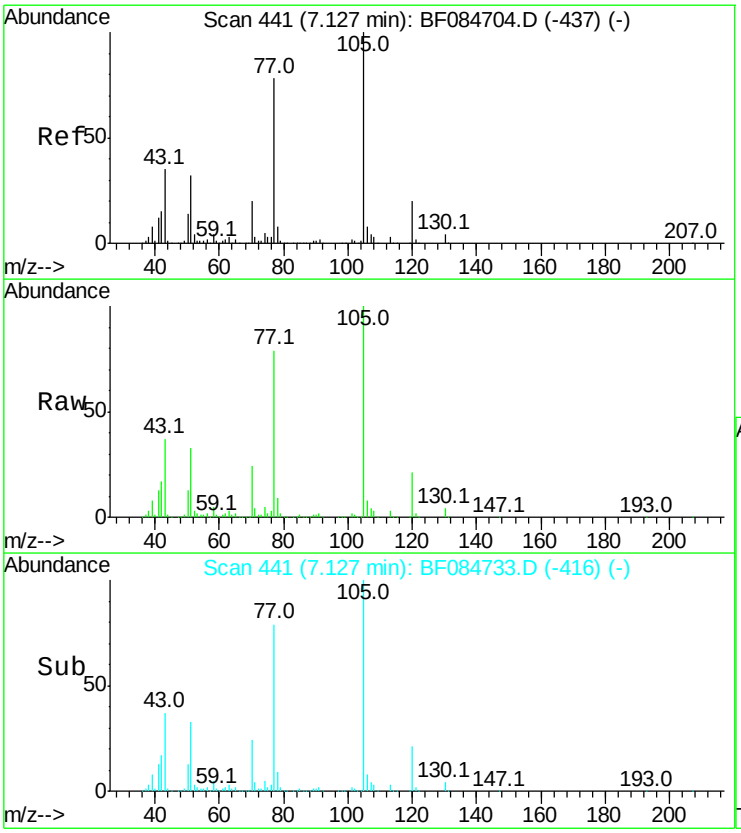
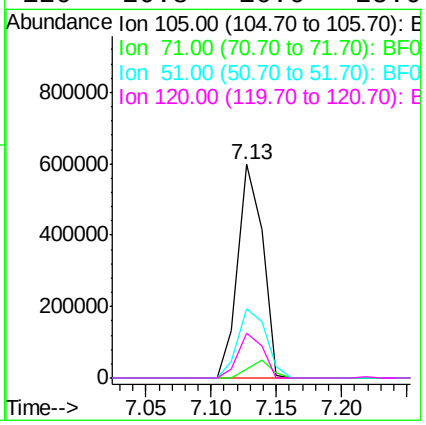
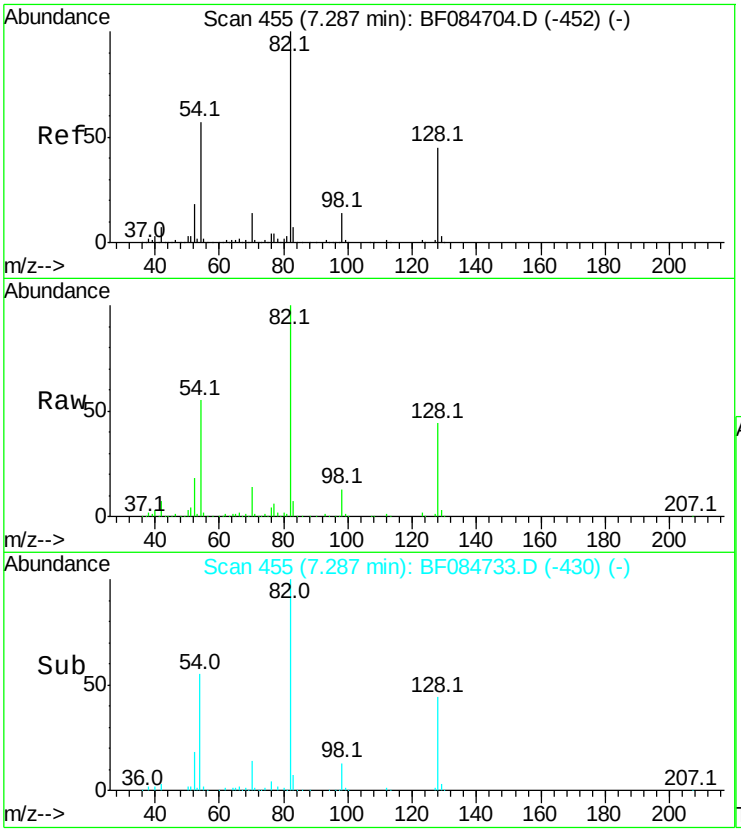


#22
Acetophenone
Concen: 46.80 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:105 Resp: 793514

Ion	Ratio	Lower	Upper
105	100		
71	4.1	3.7	5.5
51	32.7	25.1	37.7
120	20.8	16.6	25.0

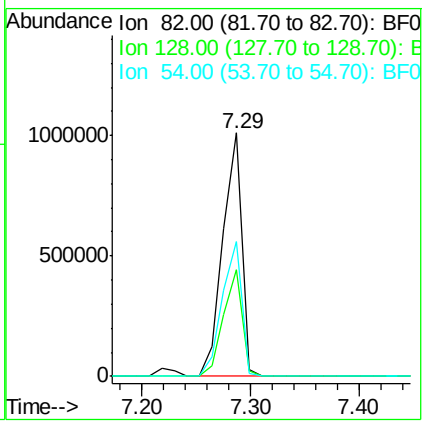




#23
Nitrobenzene-d5
Concen: 107.14 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion: 82 Resp: 1223543

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	55.3	38.4	57.6



Instrument :
BNA_F
ClientSampleId :
EP002MSD

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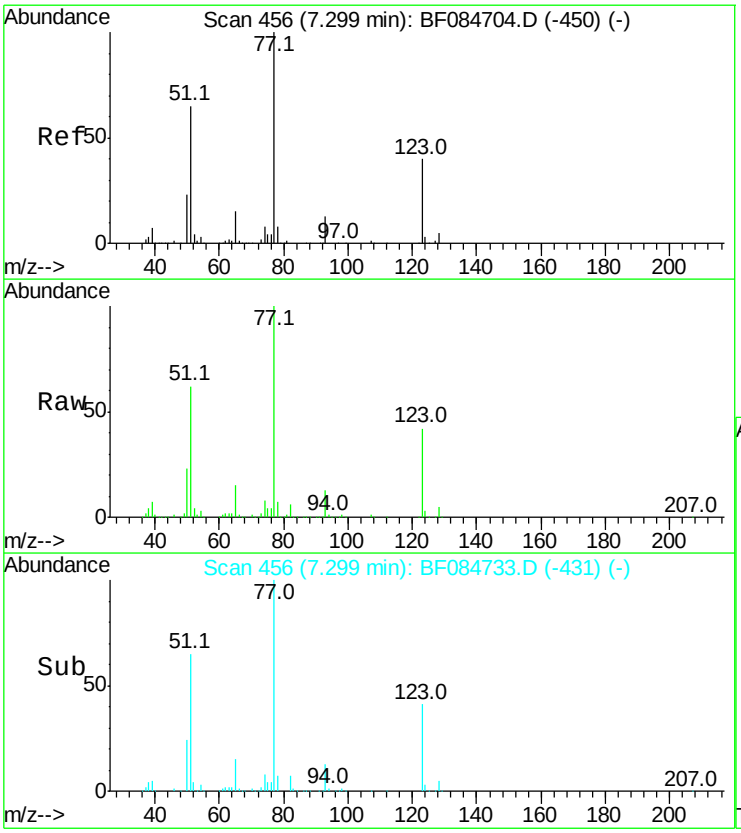
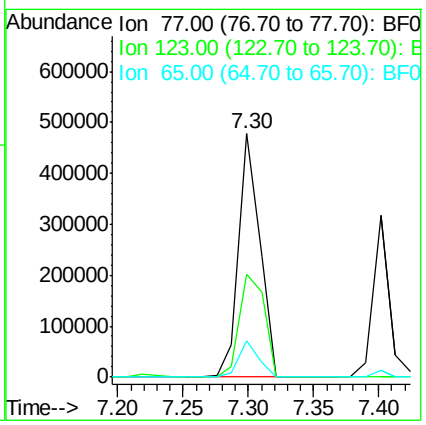
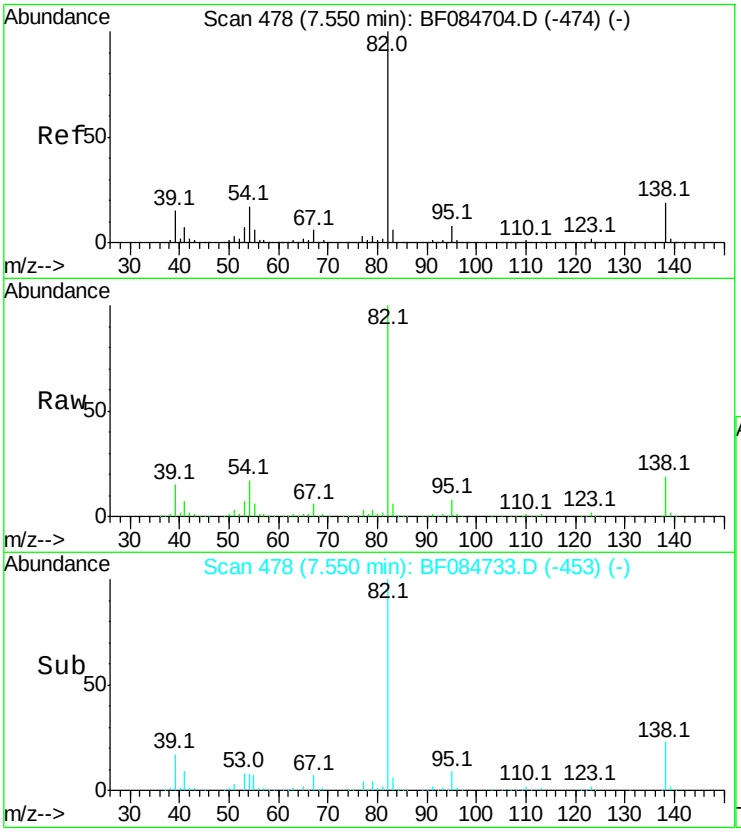


#24
Nitrobenzene
Concen: 44.02 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion: 77 Resp: 538309

Ion	Ratio	Lower	Upper
77	100		
123	42.1	37.4	56.2
65	14.8	10.9	16.3

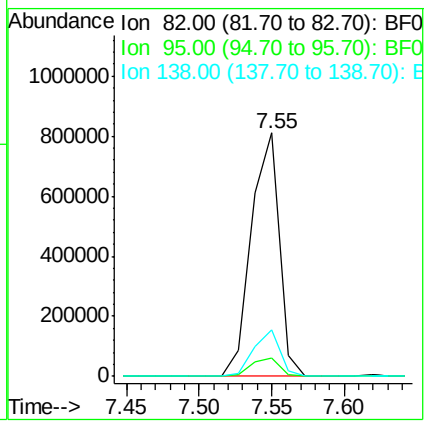




#25
Isophorone
Concen: 48.98 ng
RT: 7.55 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion: 82 Resp: 1087646

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.6	10.0
138	19.3	13.6	20.4



Instrument :
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ClientSampleId :
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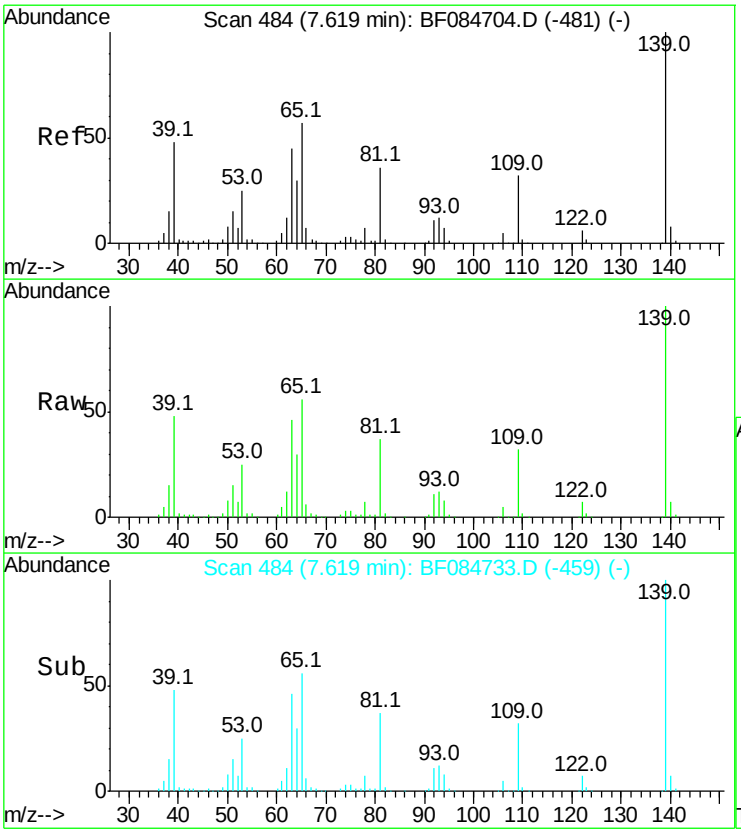
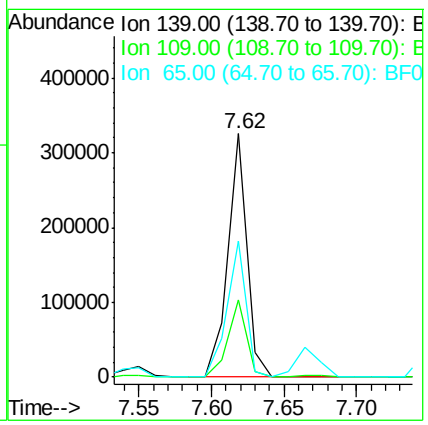
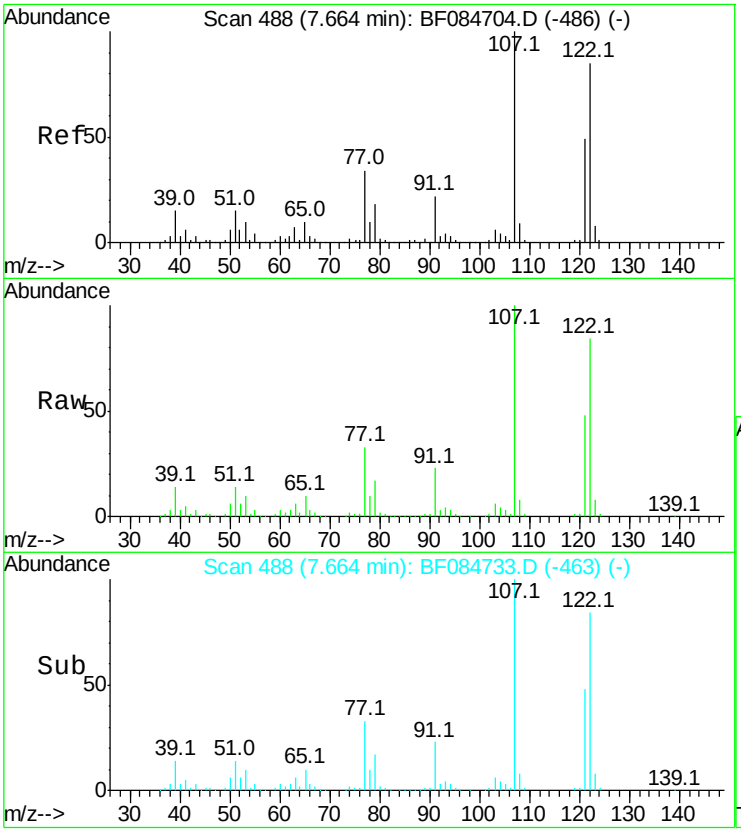


#26
2-Nitrophenol
Concen: 49.34 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:139 Resp: 297604

Ion	Ratio	Lower	Upper
139	100		
109	32.0	25.4	38.2
65	55.9	32.3	48.5#

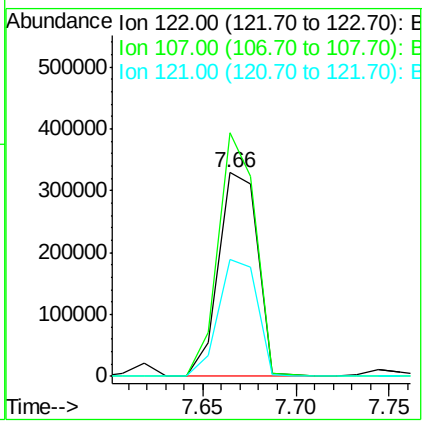




#27
2,4-Dimethylphenol
Concen: 46.13 ng
RT: 7.66 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:122 Resp: 483963

Ion	Ratio	Lower	Upper
122	100		
107	119.4	99.1	148.7
121	57.1	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
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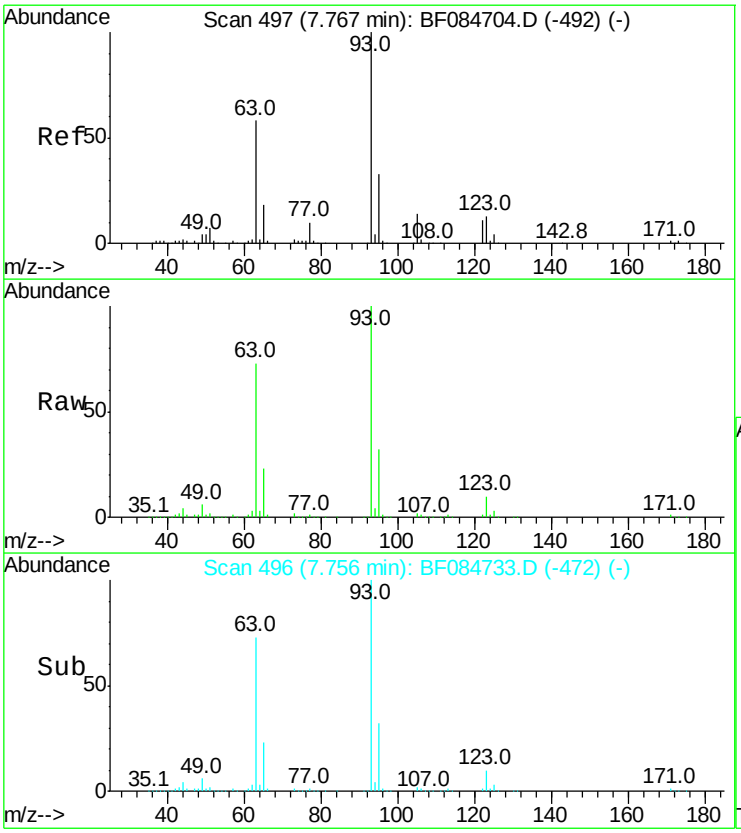
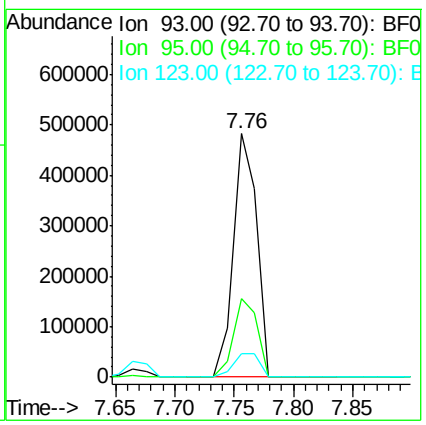
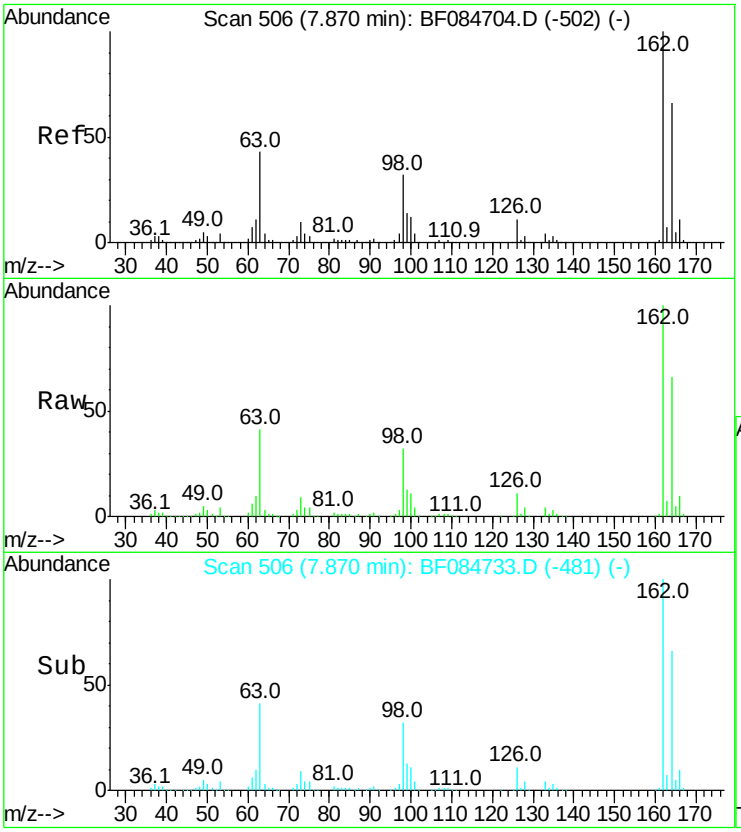


#28
bis(2-Chloroethoxy)methane
Concen: 49.73 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion: 93 Resp: 655146

Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.8	38.6
123	9.8	8.6	12.8

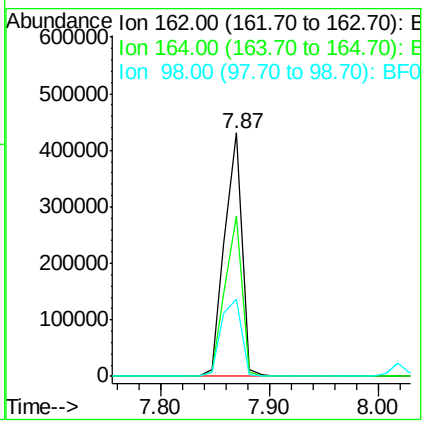




#29
2,4-Dichlorophenol
Concen: 53.28 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:162 Resp: 478235

Ion	Ratio	Lower	Upper
162	100		
164	66.1	44.1	84.1
98	31.9	20.2	60.2



Instrument :
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ClientSampleId :
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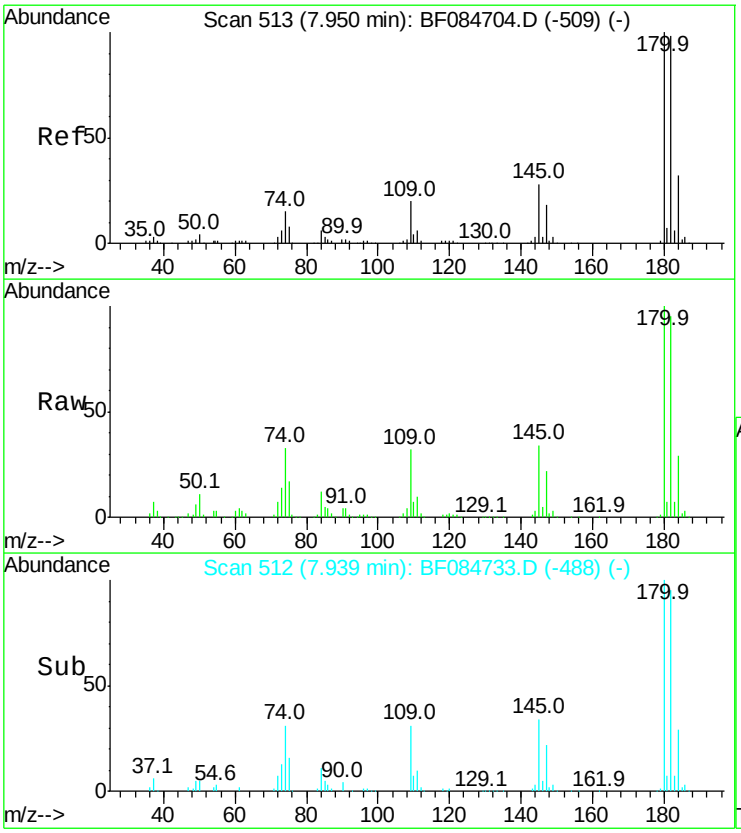
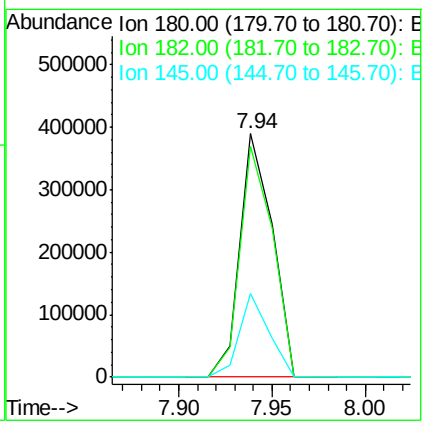
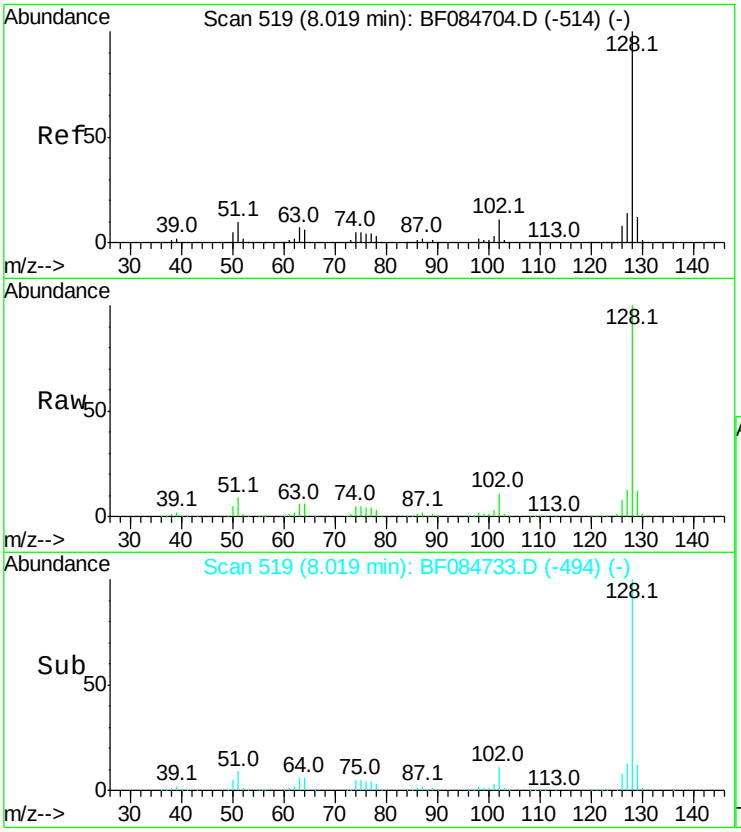


#30
1,2,4-Trichlorobenzene
Concen: 46.37 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.02 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:180 Resp: 470081

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.4	114.6
145	34.3	31.6	47.4

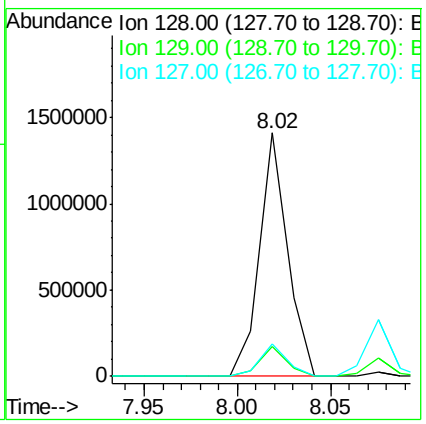




#31
Naphthalene
Concen: 45.35 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:128 Resp: 1463533

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.1	13.7
127	13.5	11.1	16.7



Instrument :
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ClientSampleId :
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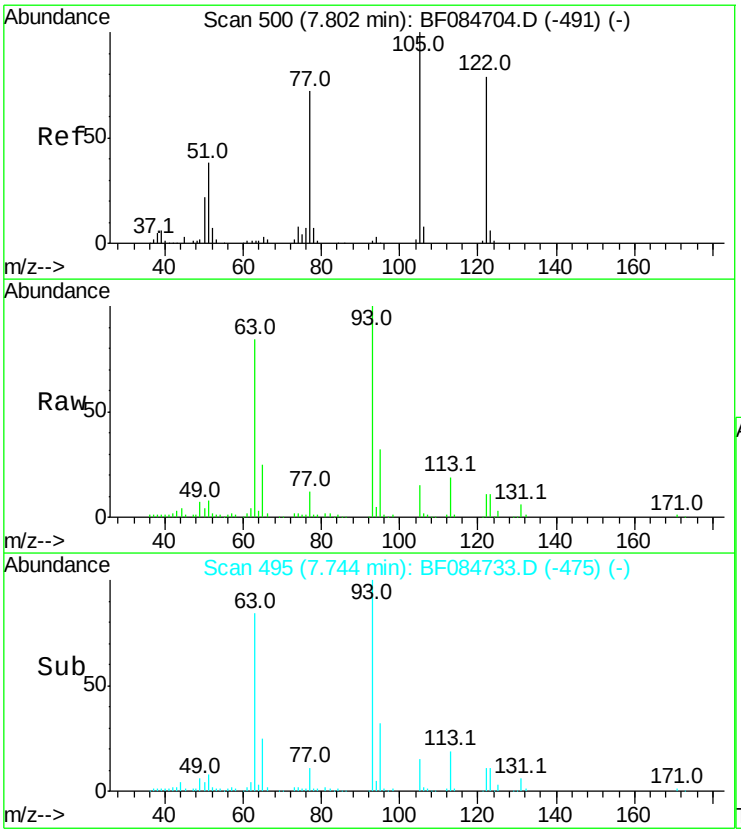
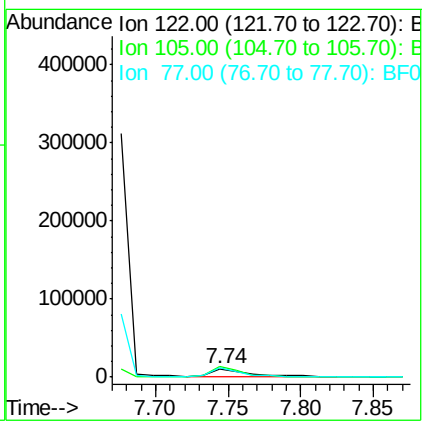
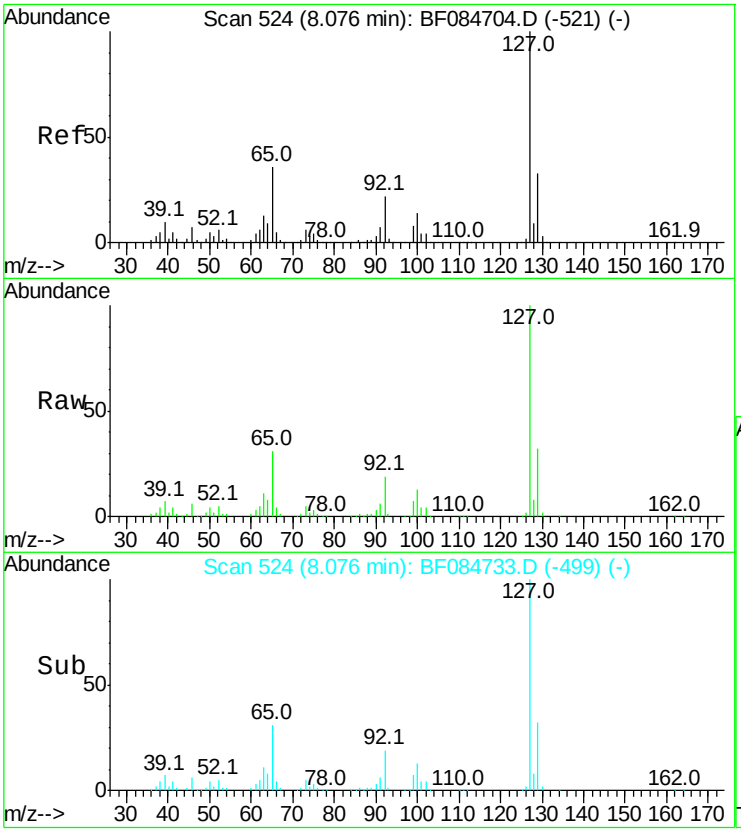


#32
Benzoic acid
Concen: 2.67 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.07 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:122 Resp: 17891

Ion	Ratio	Lower	Upper
122	100		
105	132.9	100.3	140.3
77	105.8	63.5	103.5#

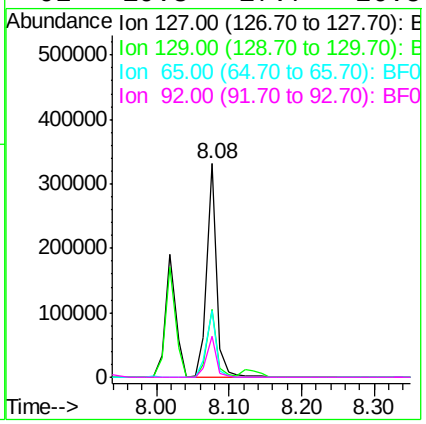




#33
4-Chloroaniline
Concen: 23.62 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:127 Resp: 315159

Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.5	39.7
65	31.0	27.2	40.8
92	19.3	17.7	26.5



Instrument :
BNA_F
ClientSampleId :
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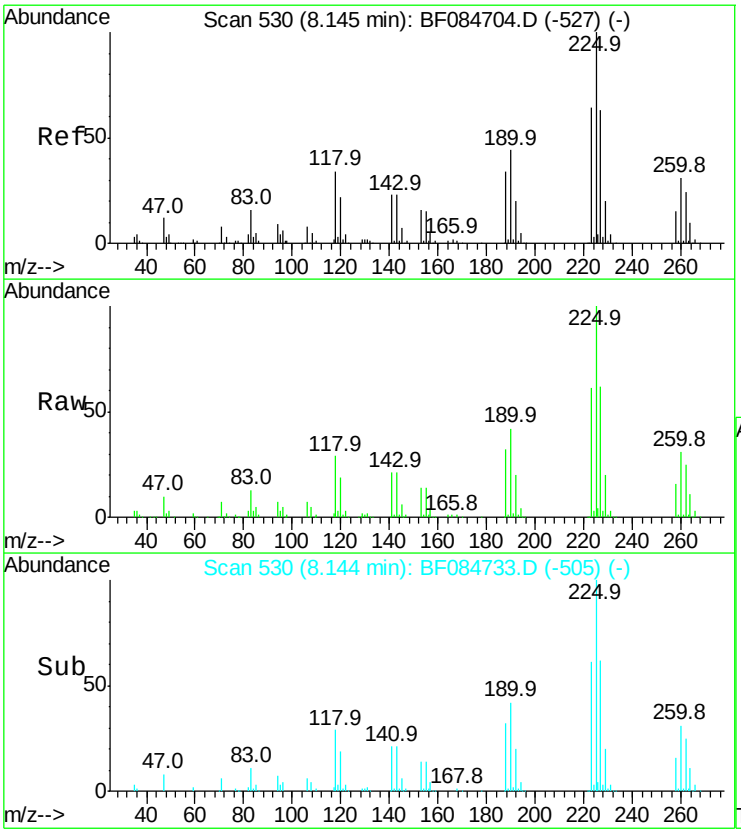
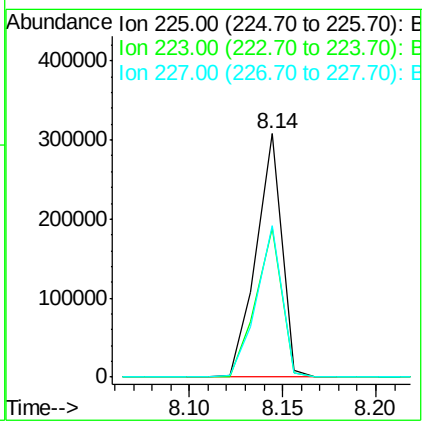
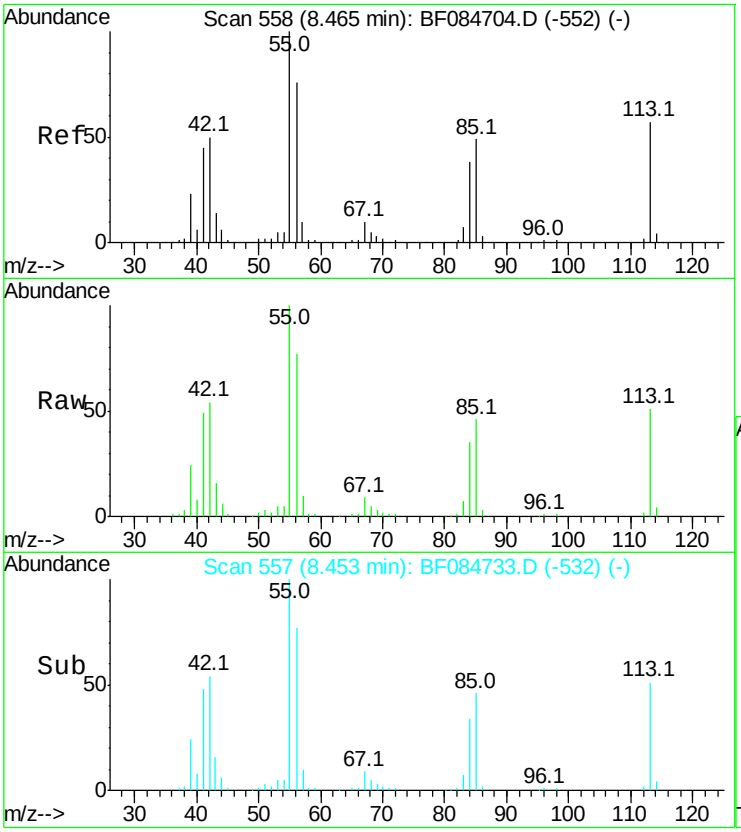


#34
Hexachlorobutadiene
Concen: 50.02 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:225 Resp: 292413

Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.4	74.0
227	62.1	50.8	76.2

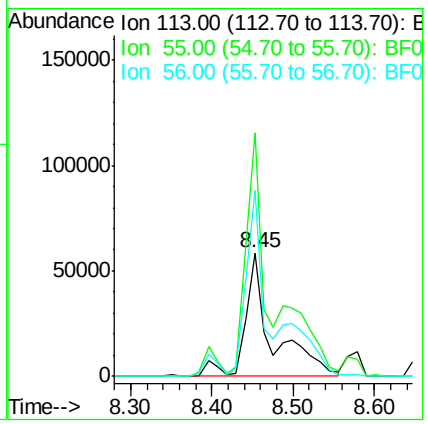




#35
Caprolactam
Concen: 49.60 ng m
RT: 8.45 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:113 Resp: 137219

Ion	Ratio	Lower	Upper
113	100		
55	197.5	116.9	156.9#
56	151.3	93.8	133.8#



Instrument :
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ClientSampleId :
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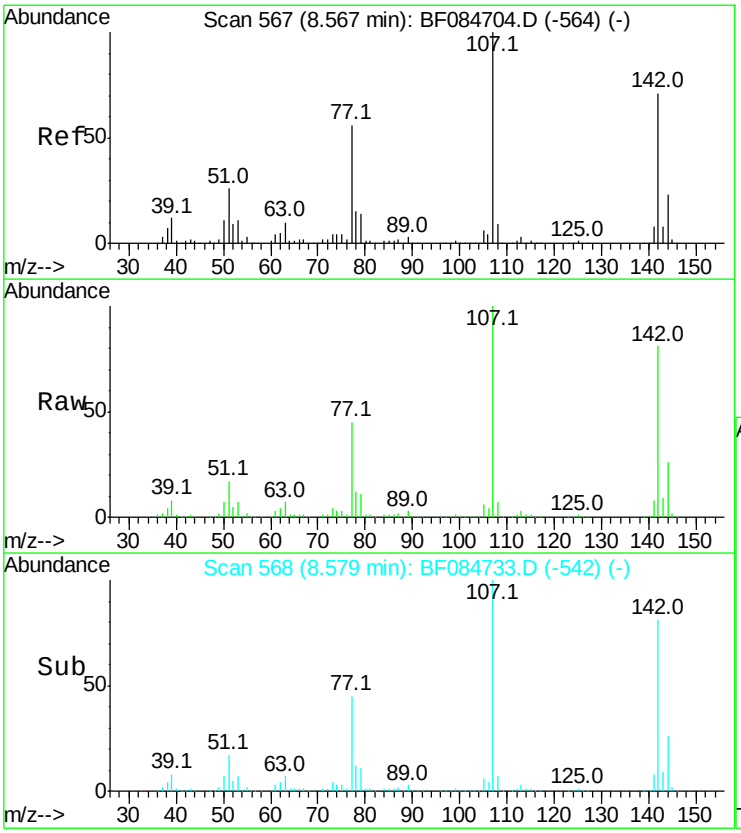
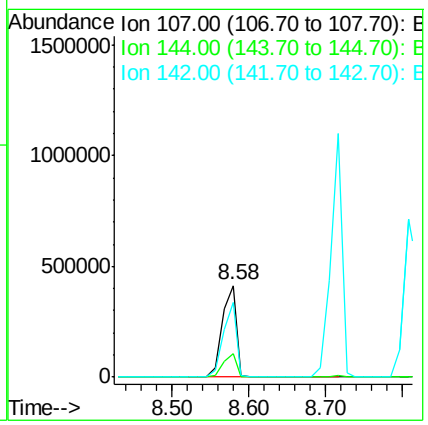
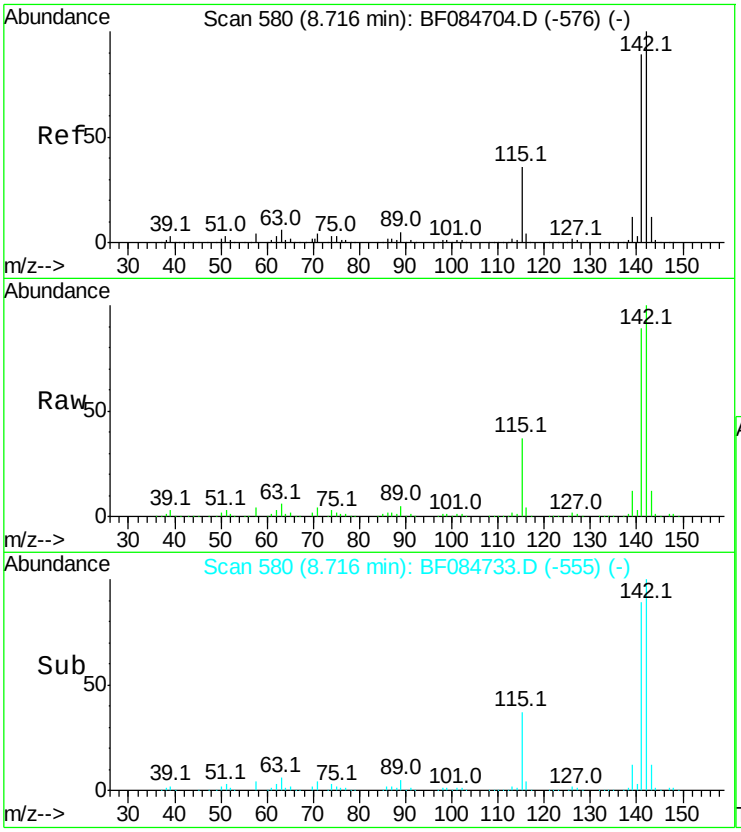


#36
4-Chloro-3-methylphenol
Concen: 52.88 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:107 Resp: 541523

Ion	Ratio	Lower	Upper
107	100		
144	26.2	19.7	29.5
142	80.8	61.8	92.6

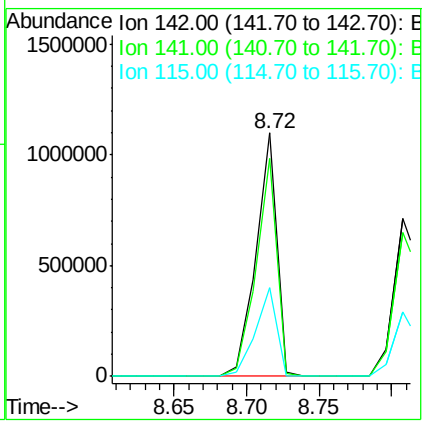




#37
2-Methylnaphthalene
Concen: 54.14 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:142 Resp: 1093482

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.4	108.6
115	36.6	27.9	41.9



Instrument :
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ClientSampleId :
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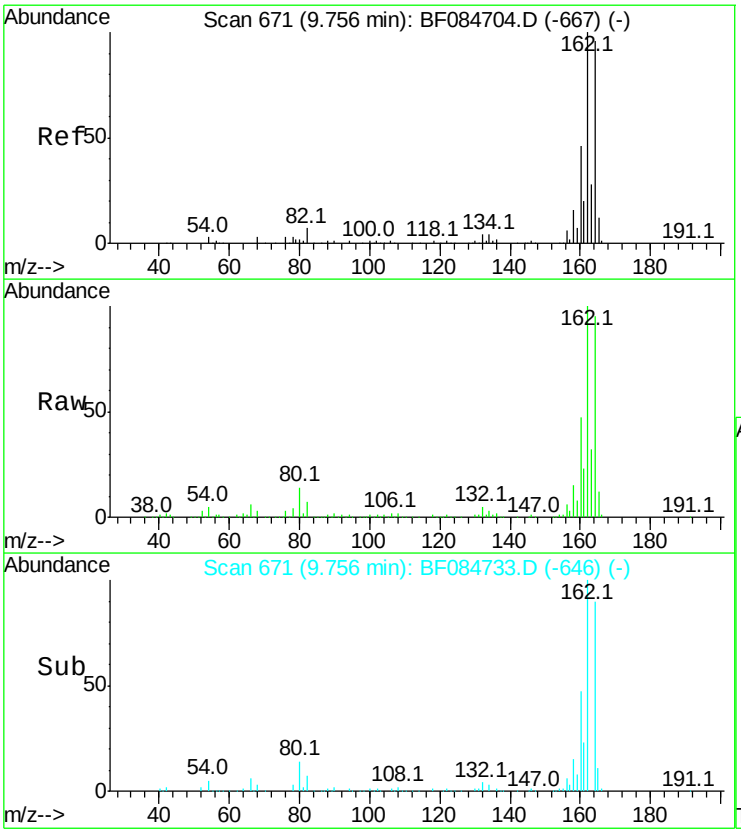
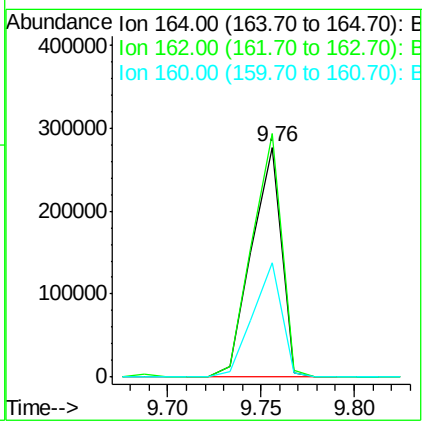
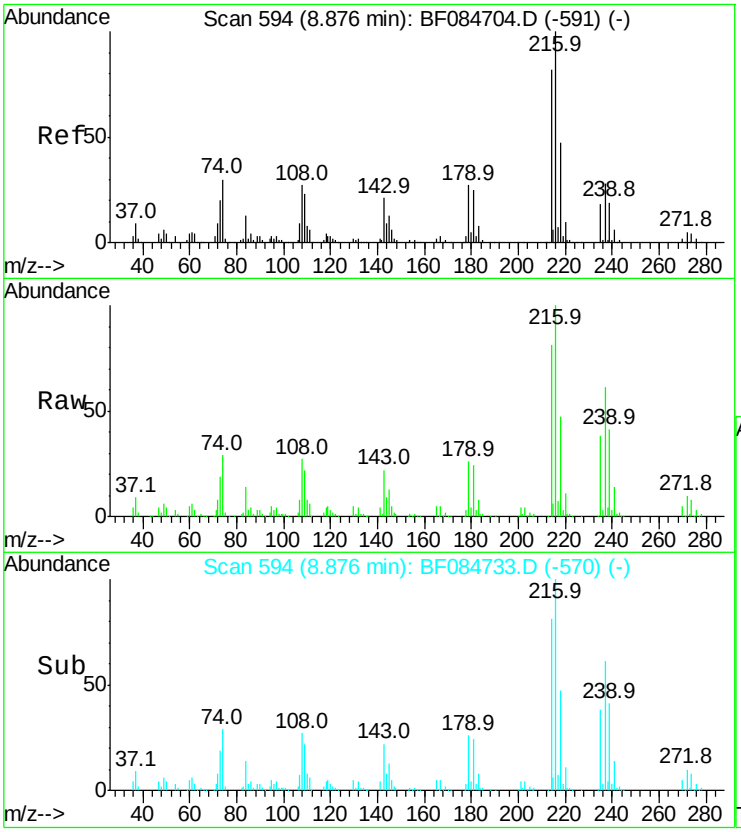


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:164 Resp: 306057

Ion	Ratio	Lower	Upper
164	100		
162	105.8	85.1	127.7
160	49.8	37.5	56.3

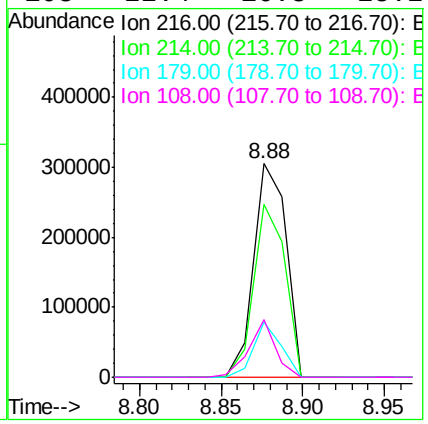




#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.37 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:216 Resp: 421576

Ion	Ratio	Lower	Upper
216	100		
214	78.6	64.2	96.2
179	22.4	18.7	28.1
108	22.4	16.8	25.2



Instrument :
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ClientSampleId :
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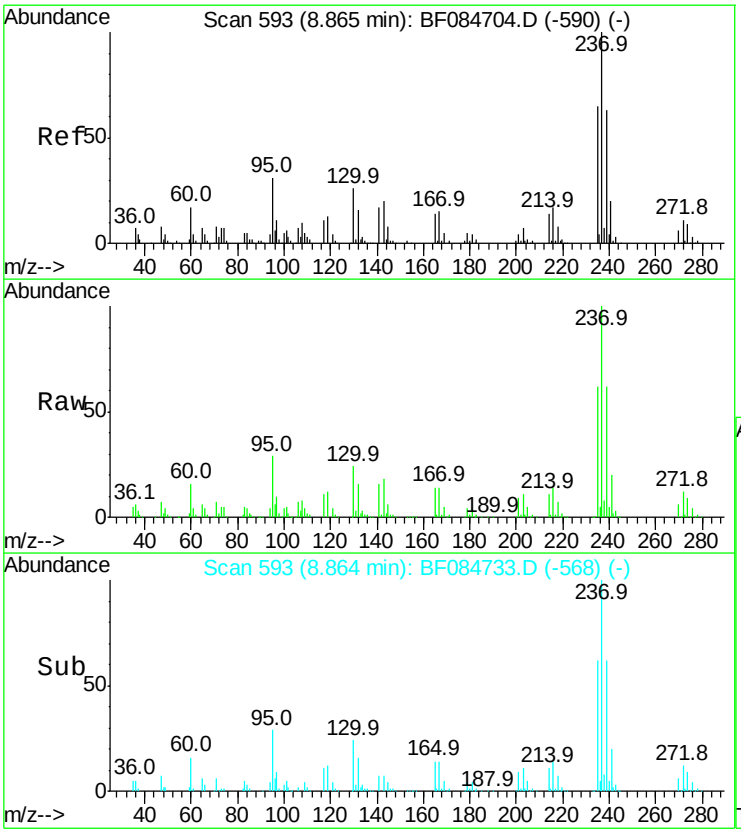
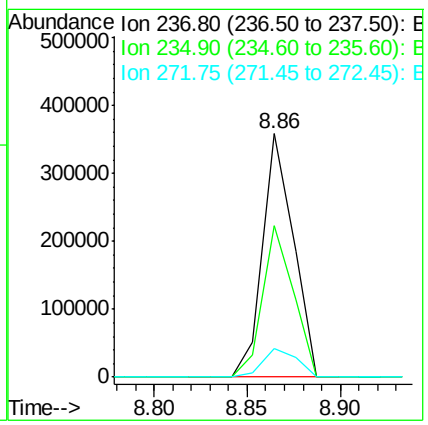
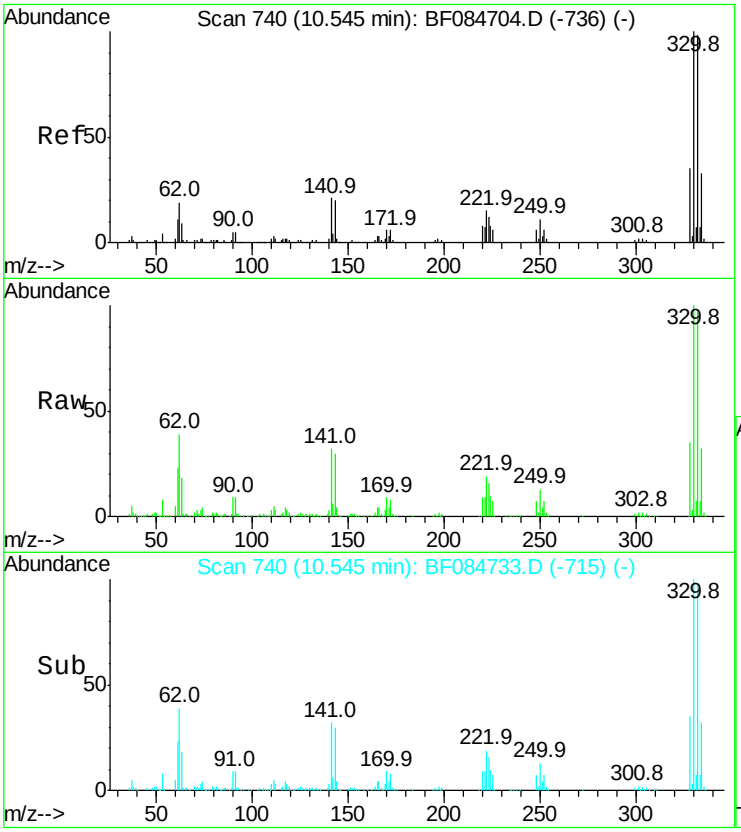


#40
Hexachlorocyclopentadiene
Concen: 90.41 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:237 Resp: 408535

Ion	Ratio	Lower	Upper
237	100		
235	62.4	43.1	83.1
272	11.6	0.0	35.1

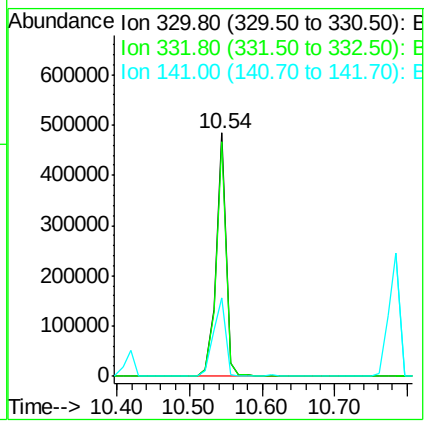




#41
2,4,6-Tribromophenol
Concen: 144.26 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:330 Resp: 460540

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	39.5	27.8	41.6



Instrument :
BNA_F
ClientSampleId :
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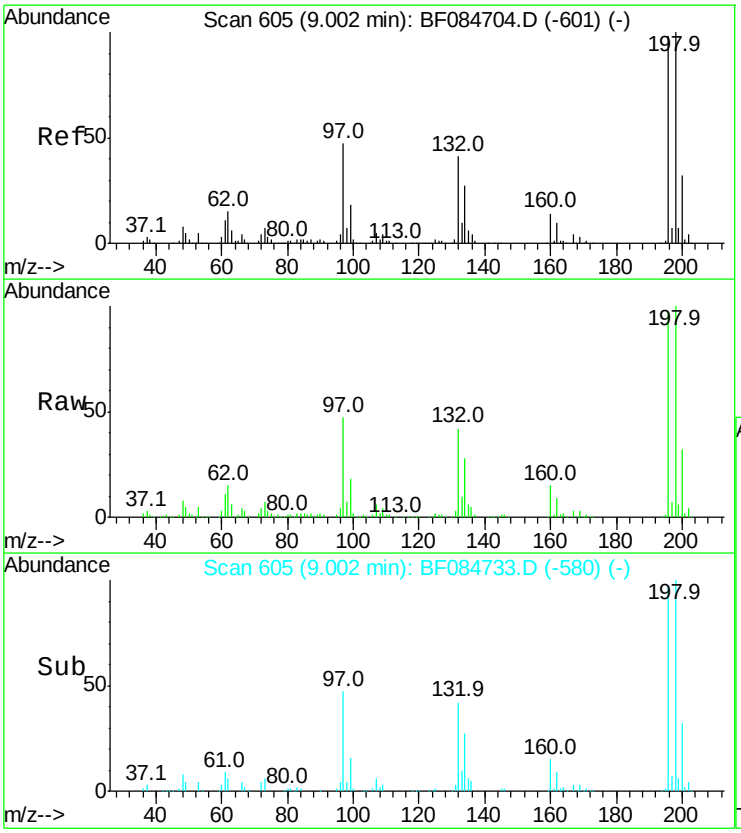
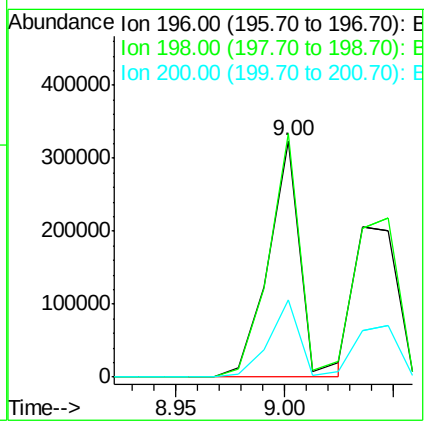
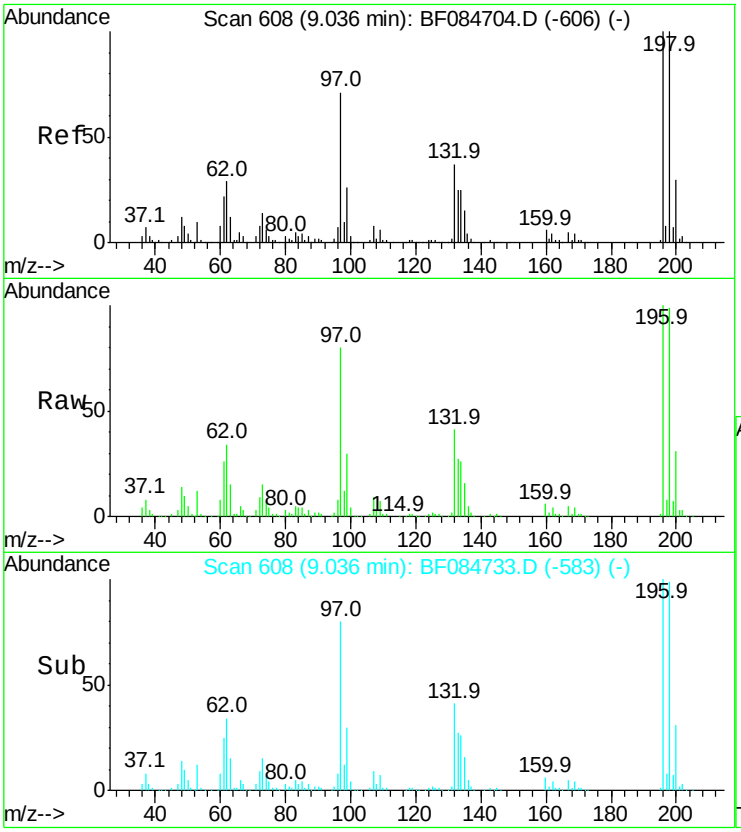


#42
2,4,6-Trichlorophenol
Concen: 53.46 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:196 Resp: 334797

Ion	Ratio	Lower	Upper
196	100		
198	103.1	77.7	116.5
200	32.9	24.6	37.0

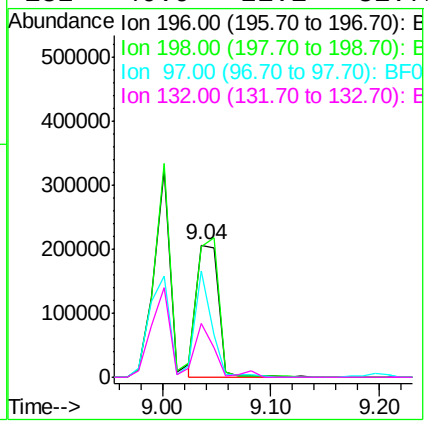




#43
2,4,5-Trichlorophenol
Concen: 45.44 ng
RT: 9.04 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:196 Resp: 289120

Ion	Ratio	Lower	Upper
196	100		
198	99.2	79.0	118.6
97	80.3	33.0	49.6#
132	40.9	21.1	31.7#



Instrument :
BNA_F
ClientSampleId :
EP002MSD

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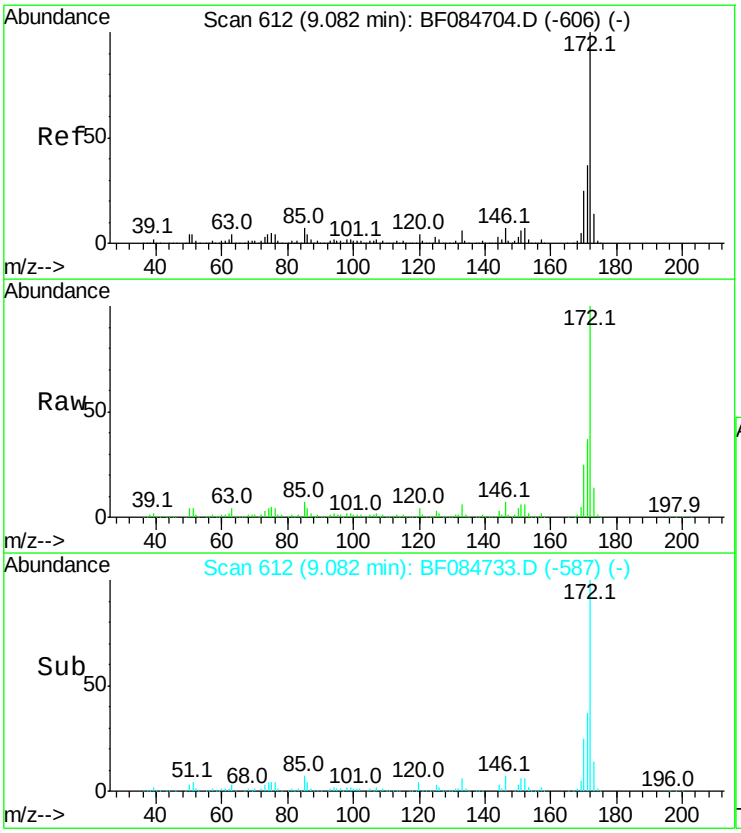
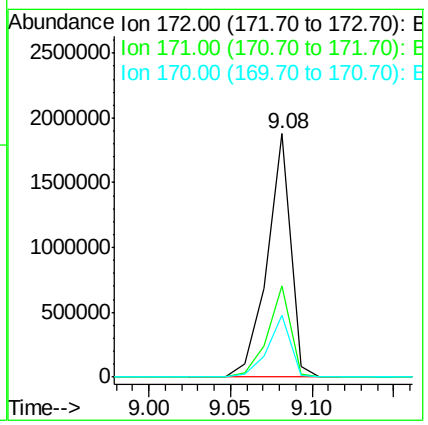
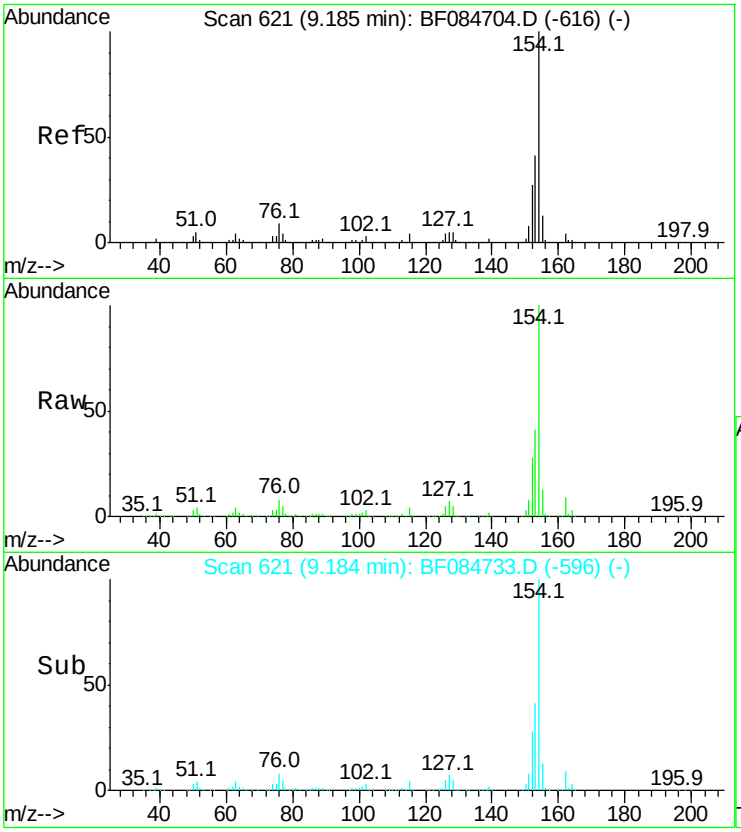


#44
2-Fluorobiphenyl
Concen: 120.47 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:172 Resp: 1884981

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.9	43.3
170	25.2	18.6	27.8

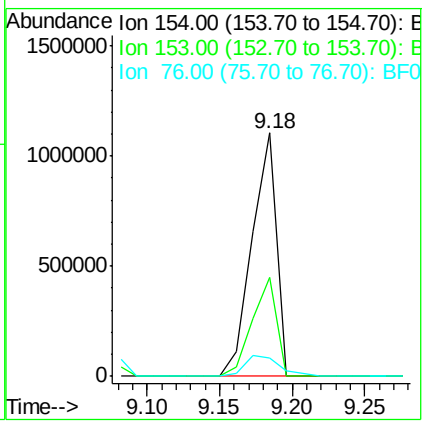




#45
1,1'-Biphenyl
Concen: 47.26 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:154 Resp: 1291992

Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.6	61.6
76	7.7	0.0	32.7



Instrument :
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ClientSampleId :
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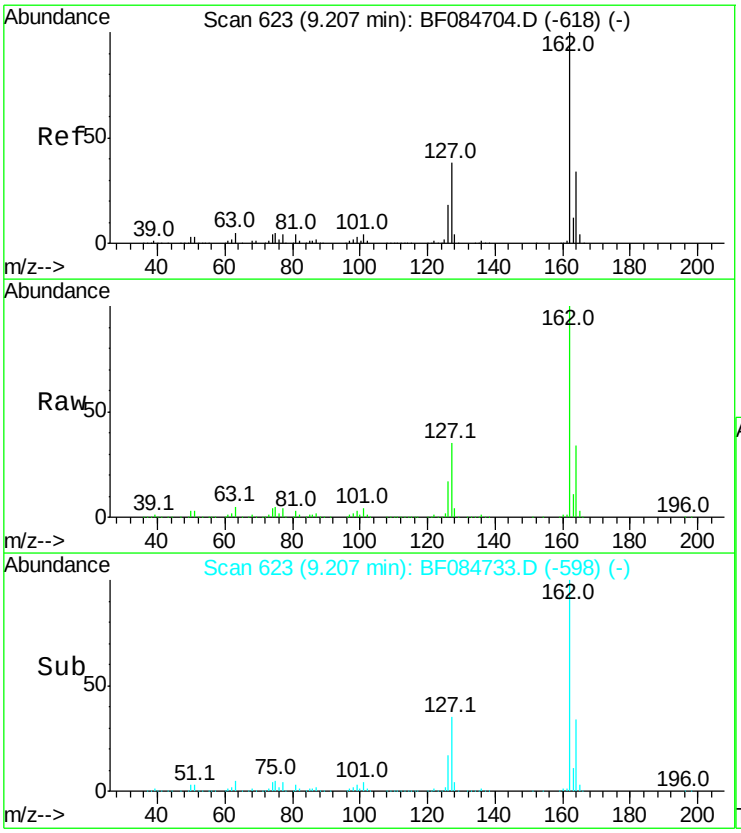
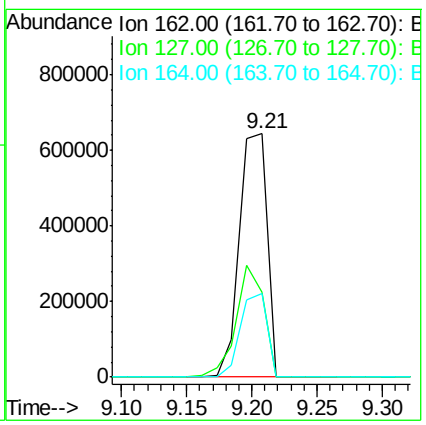
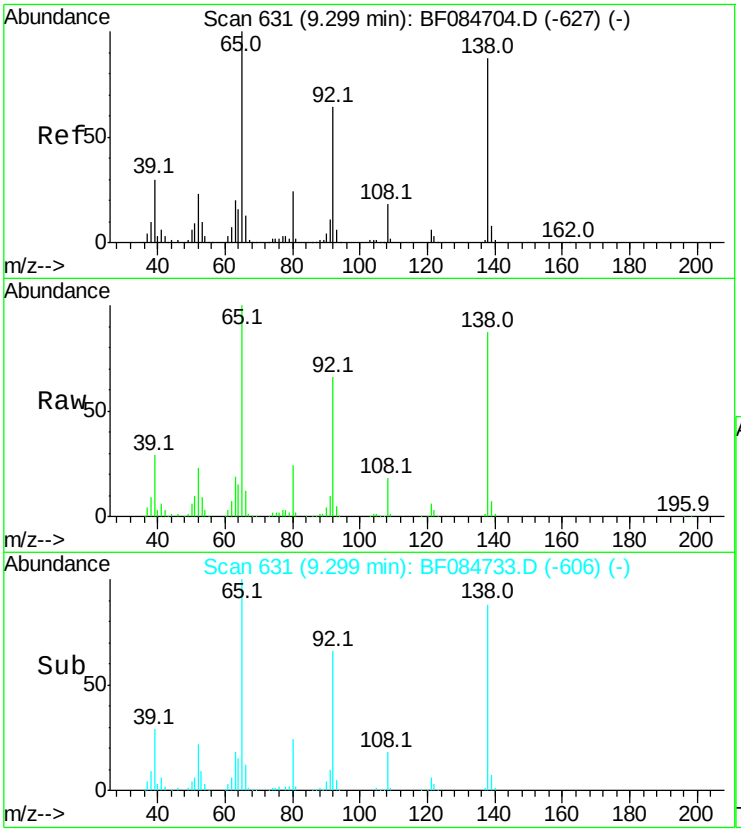


#46
2-Chloronaphthalene
Concen: 46.97 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:162 Resp: 945608

Ion	Ratio	Lower	Upper
162	100		
127	35.0	40.2	60.4#
164	34.2	25.7	38.5

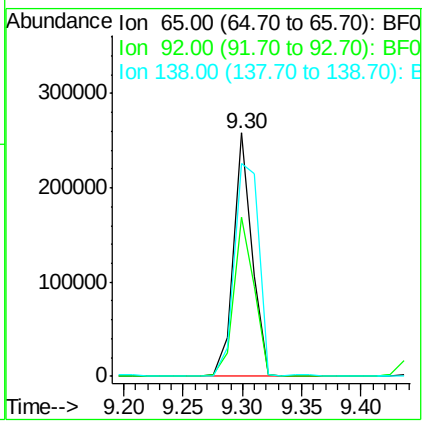




#47
2-Nitroaniline
Concen: 44.24 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion: 65 Resp: 281979

Ion	Ratio	Lower	Upper
65	100		
92	65.5	53.4	80.2
138	87.4	71.1	106.7



Instrument :
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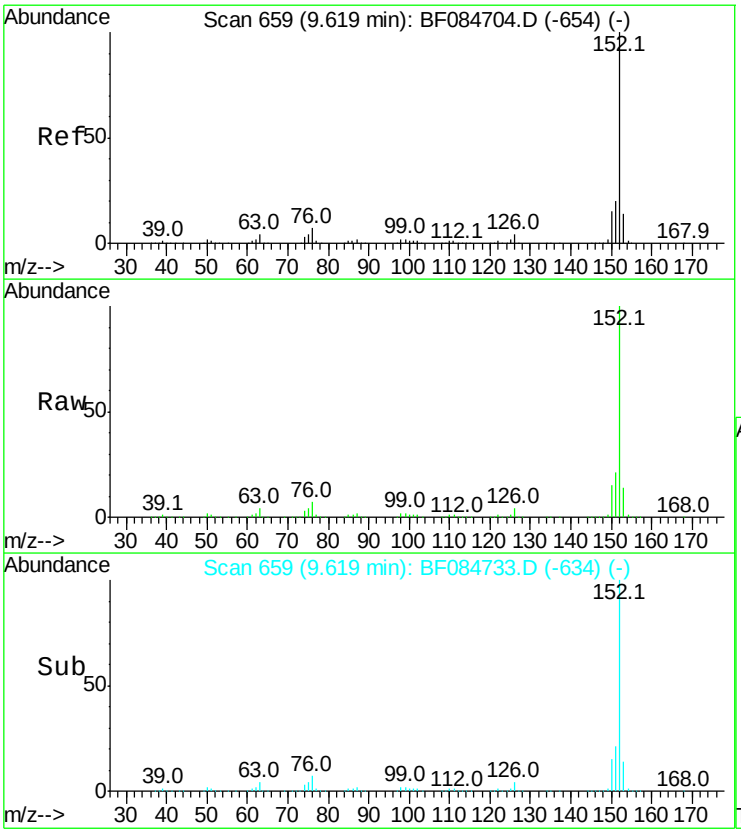
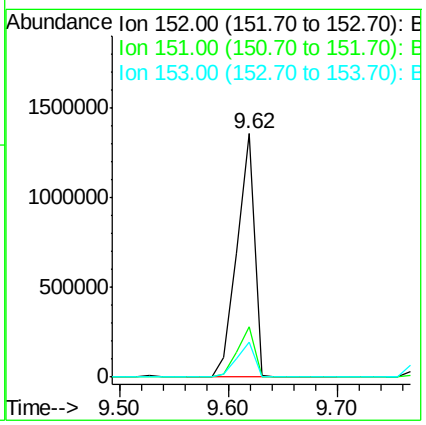
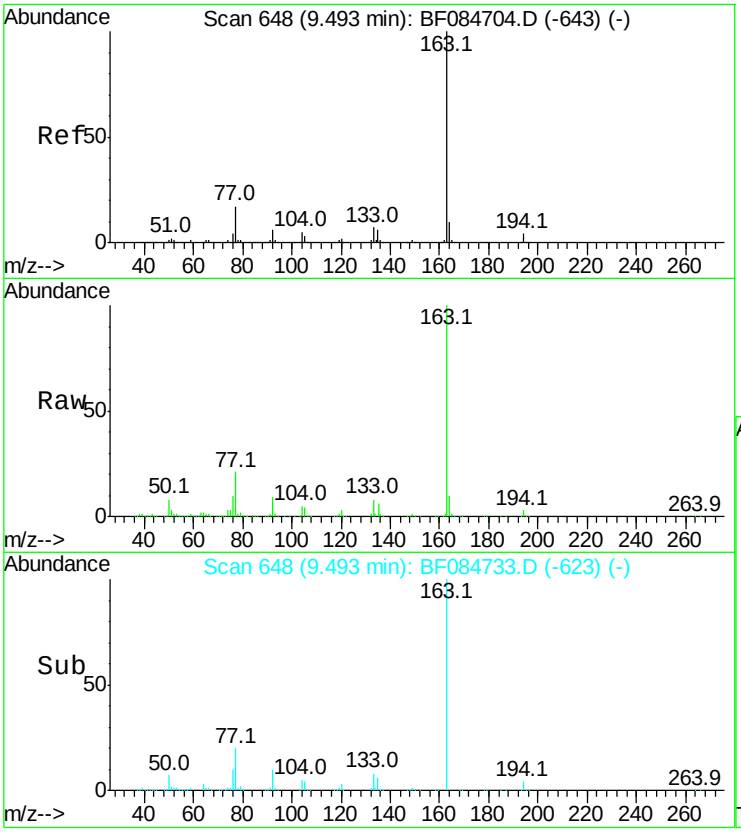


#48
Acenaphthylene
Concen: 48.59 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:152 Resp: 1484575

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	14.4	10.4	15.6

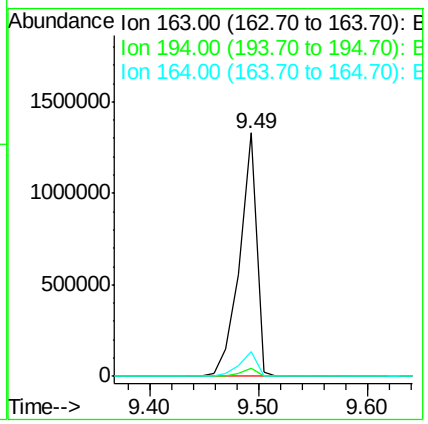




#49
Dimethylphthalate
Concen: 61.09 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:163 Resp: 1423950

Ion	Ratio	Lower	Upper
163	100		
194	3.4	8.0	12.0#
164	10.4	8.0	12.0



Instrument :
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ClientSampleId :
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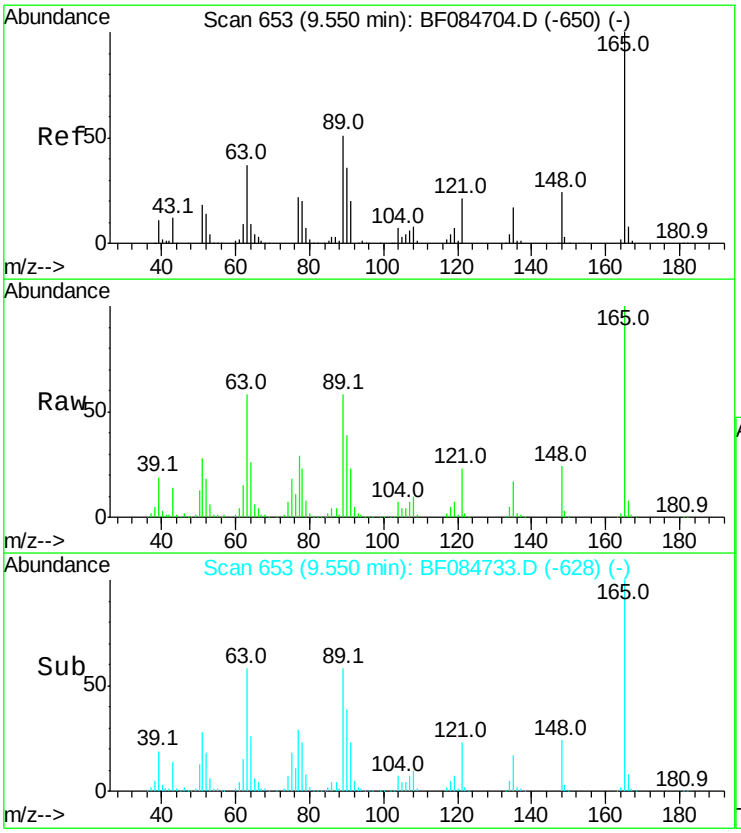
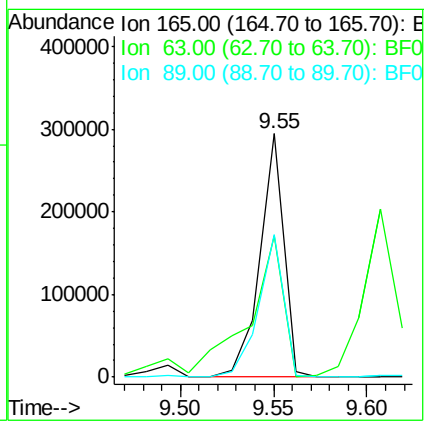
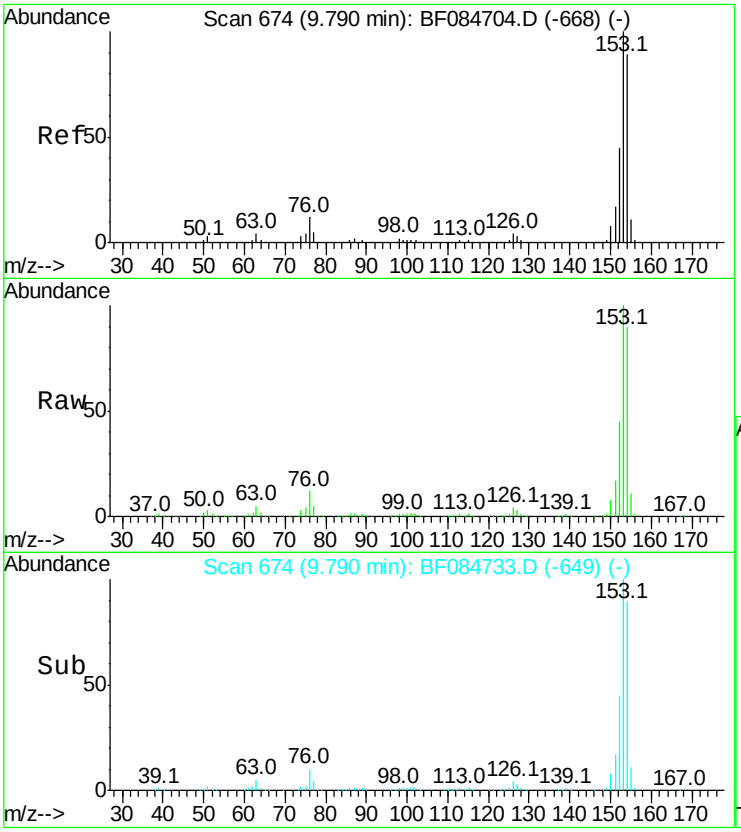


#50
2,6-Dinitrotoluene
Concen: 50.92 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:165 Resp: 259317

Ion	Ratio	Lower	Upper
165	100		
63	57.9	28.8	43.2#
89	58.5	35.1	52.7#

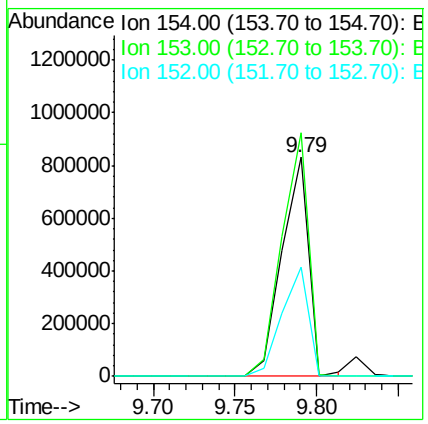




#51
Acenaphthene
Concen: 47.98 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:154 Resp: 953583

Ion	Ratio	Lower	Upper
154	100		
153	111.1	91.5	137.3
152	50.0	43.0	64.6



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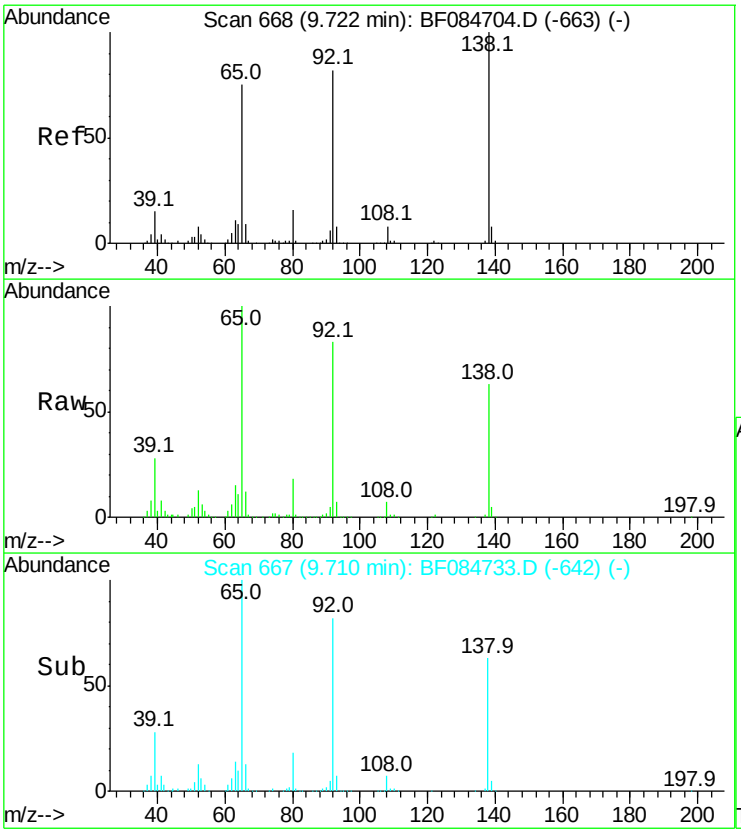
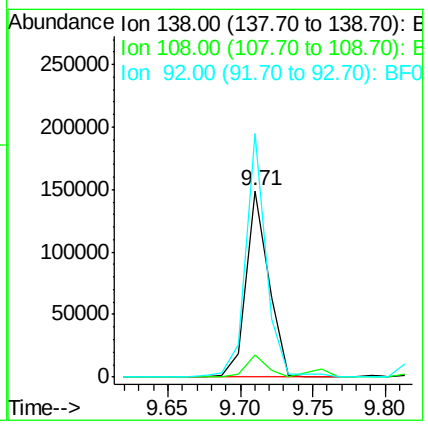
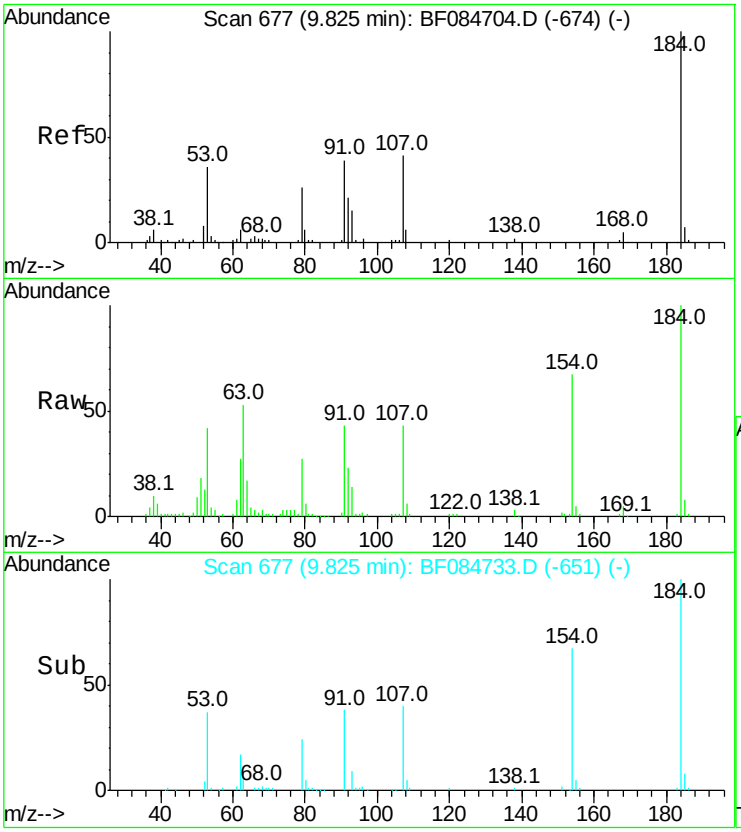


#52
3-Nitroaniline
Concen: 28.28 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:138 Resp: 161799

Ion	Ratio	Lower	Upper
138	100		
108	11.8	10.5	15.7
92	130.7	103.9	155.9

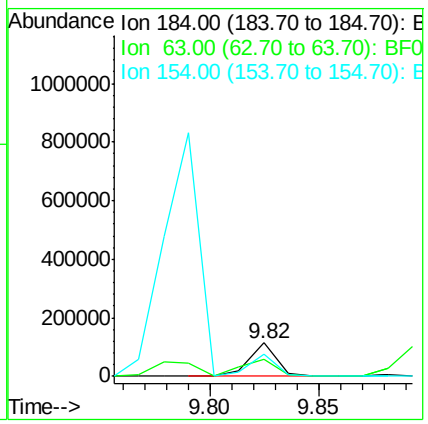




#53
2,4-Dinitrophenol
Concen: 45.91 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:184 Resp: 101638

Ion	Ratio	Lower	Upper
184	100		
63	52.9	43.1	64.7
154	67.2	60.5	90.7



Instrument :
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ClientSampleId :
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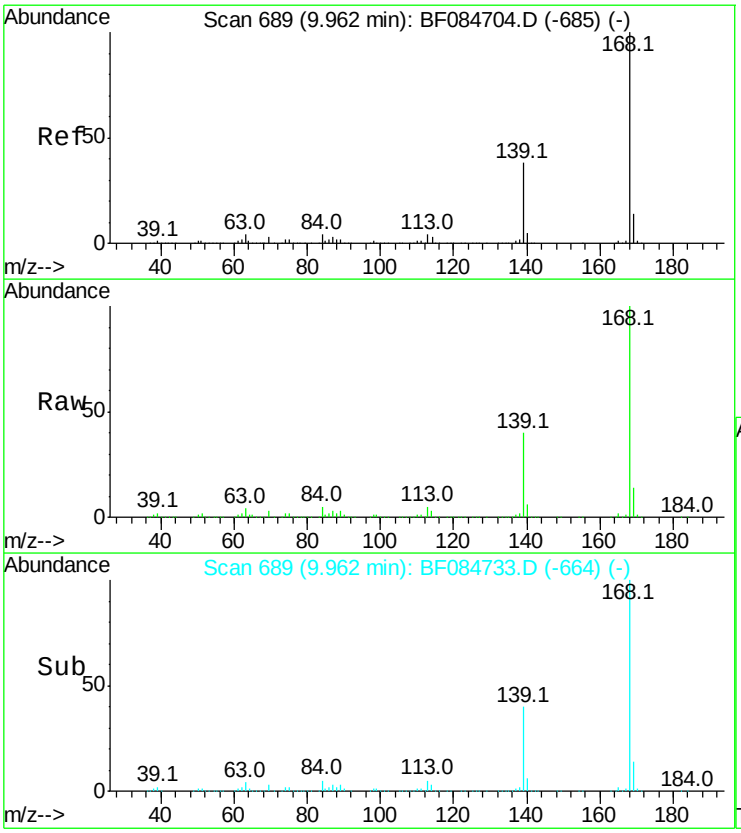
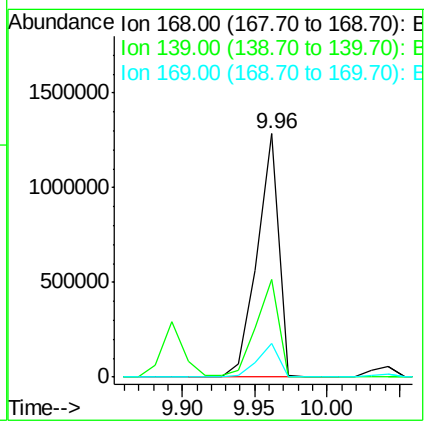
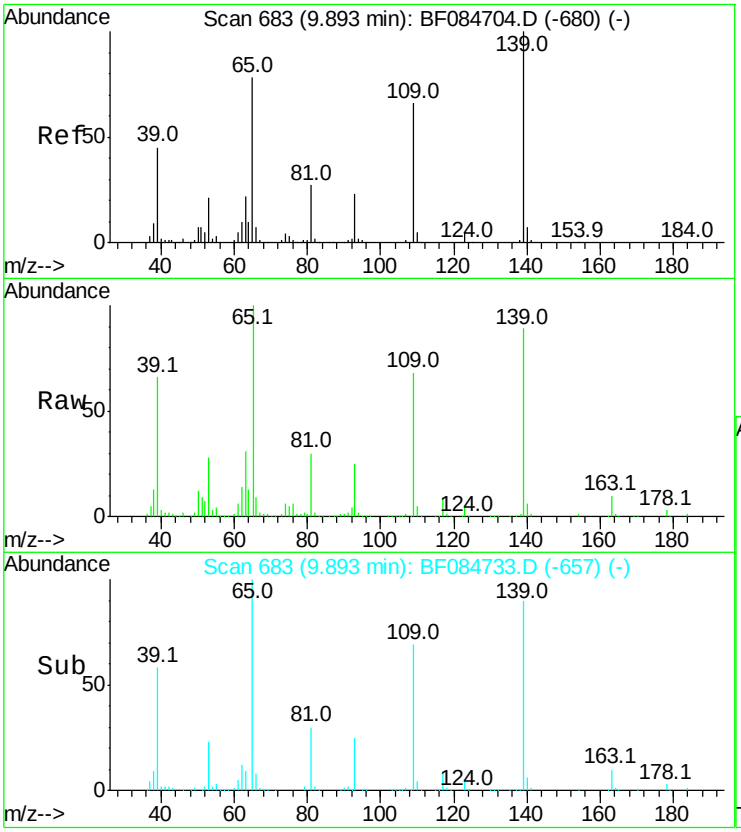


#54
Dibenzofuran
Concen: 54.46 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:168 Resp: 1322898

Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.5	45.7
169	13.6	10.4	15.6

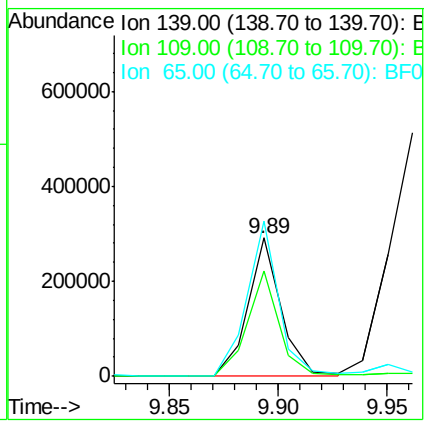




#55
4-Nitrophenol
Concen: 74.47 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:139 Resp: 313201

Ion	Ratio	Lower	Upper
139	100		
109	76.7	58.5	98.5
65	112.7	57.6	97.6#



Instrument :
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ClientSampleId :
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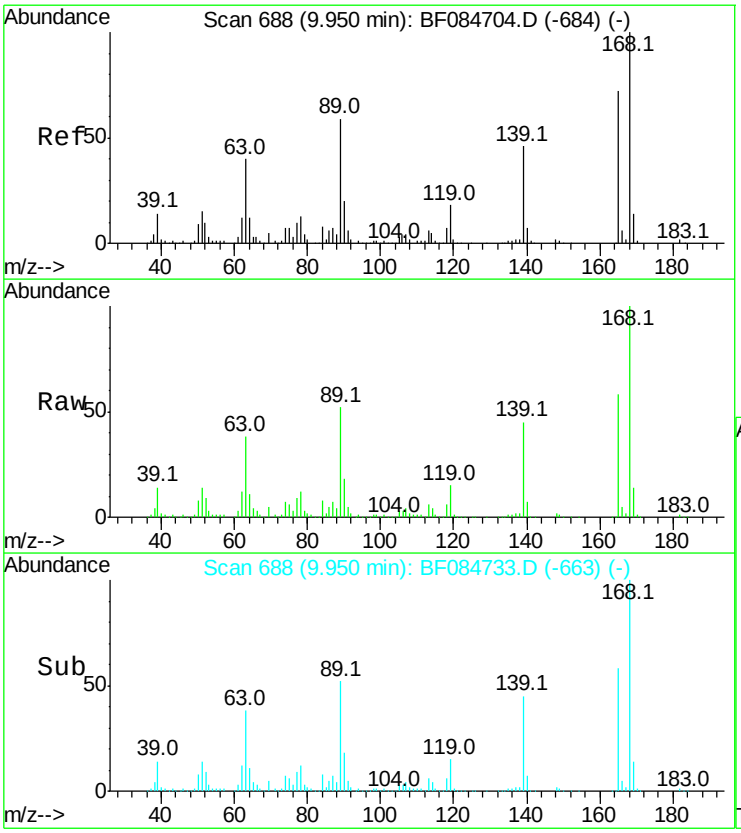
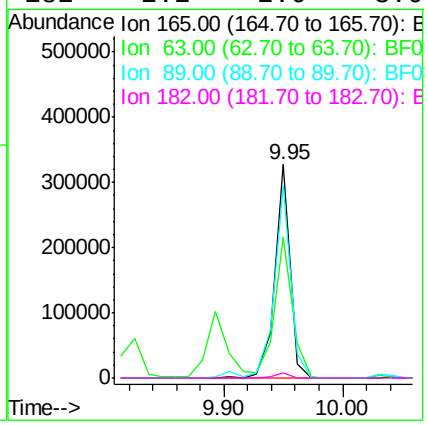
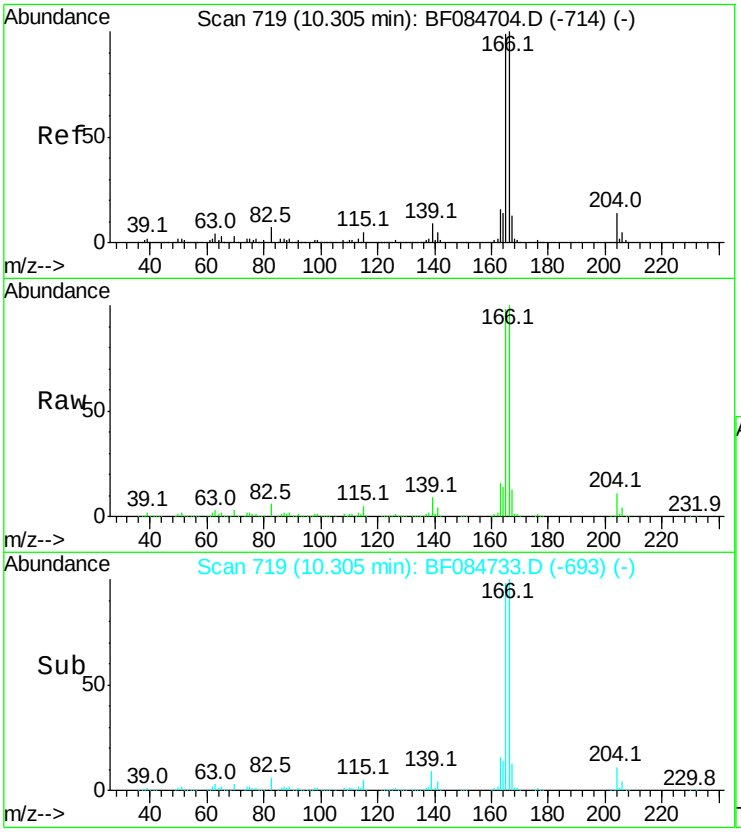


#56
2,4-Dinitrotoluene
Concen: 45.04 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:165 Resp: 292549

Ion	Ratio	Lower	Upper
165	100		
63	66.0	36.7	55.1#
89	89.7	61.9	92.9
182	2.2	2.0	3.0

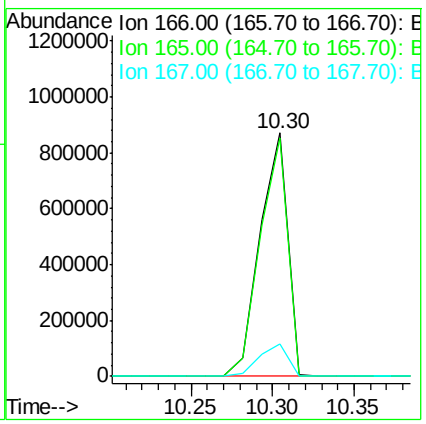




#57
Fluorene
Concen: 50.87 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:166 Resp: 1031925

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.1	118.7
167	13.2	10.4	15.6



Instrument :
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ClientSampleId :
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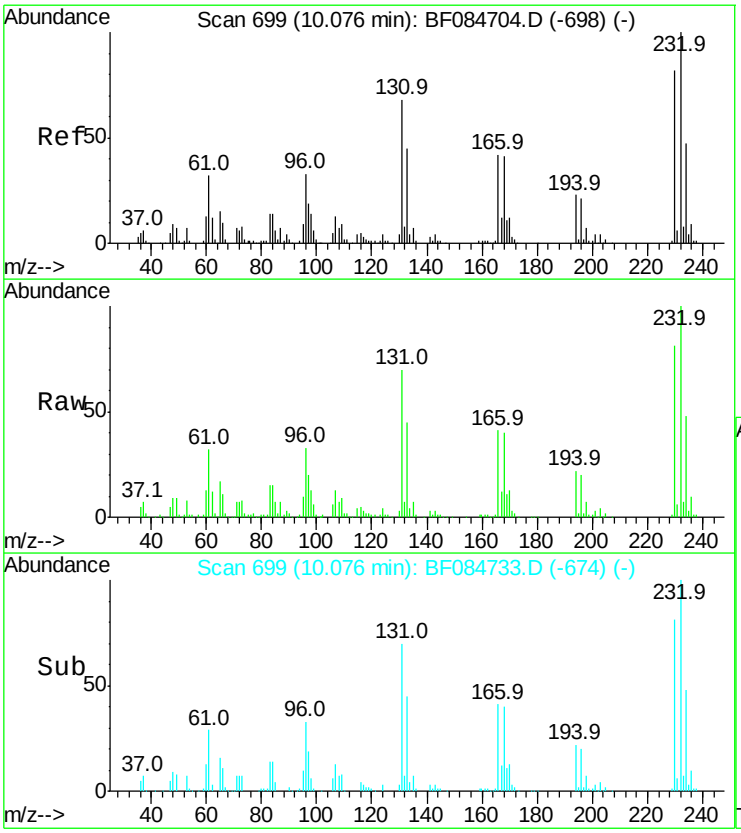
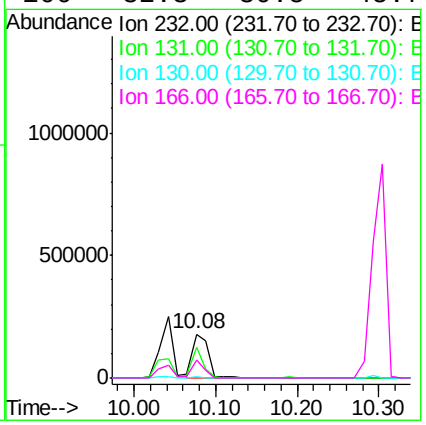
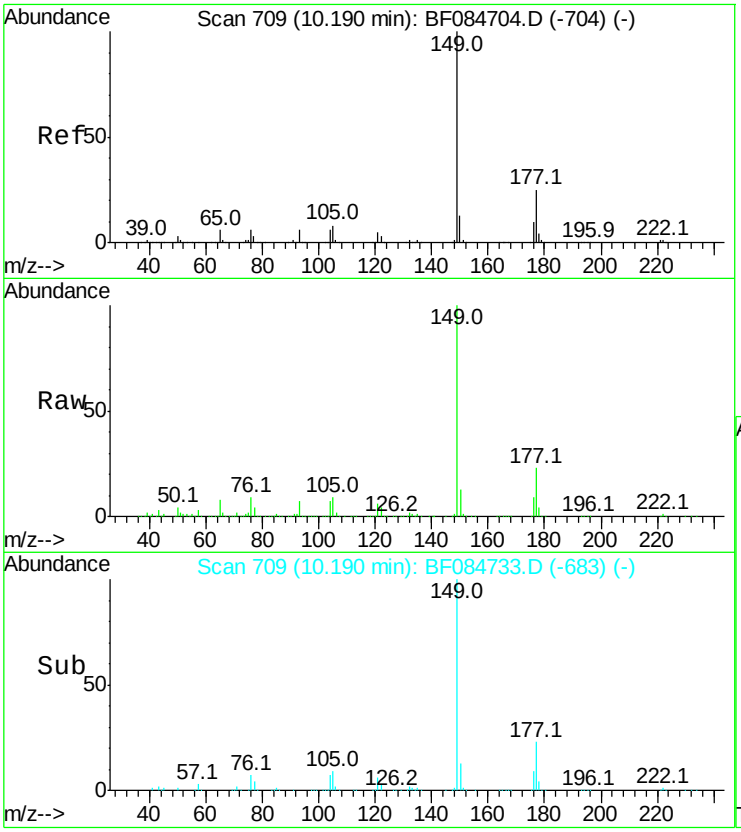


#58
2,3,4,6-Tetrachlorophenol
Concen: 49.40 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:232 Resp: 239266

Ion	Ratio	Lower	Upper
232	100		
131	51.7	47.0	70.6
130	2.3	2.0	3.0
166	32.3	30.5	45.7

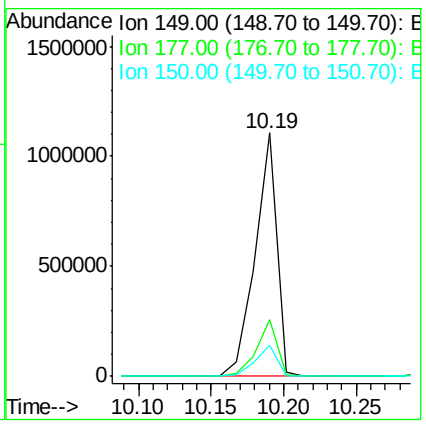




#59
Diethylphthalate
Concen: 50.29 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:149 Resp: 1144716

Ion	Ratio	Lower	Upper
149	100		
177	23.4	17.3	25.9
150	12.8	9.8	14.8



Instrument :
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ClientSampleId :
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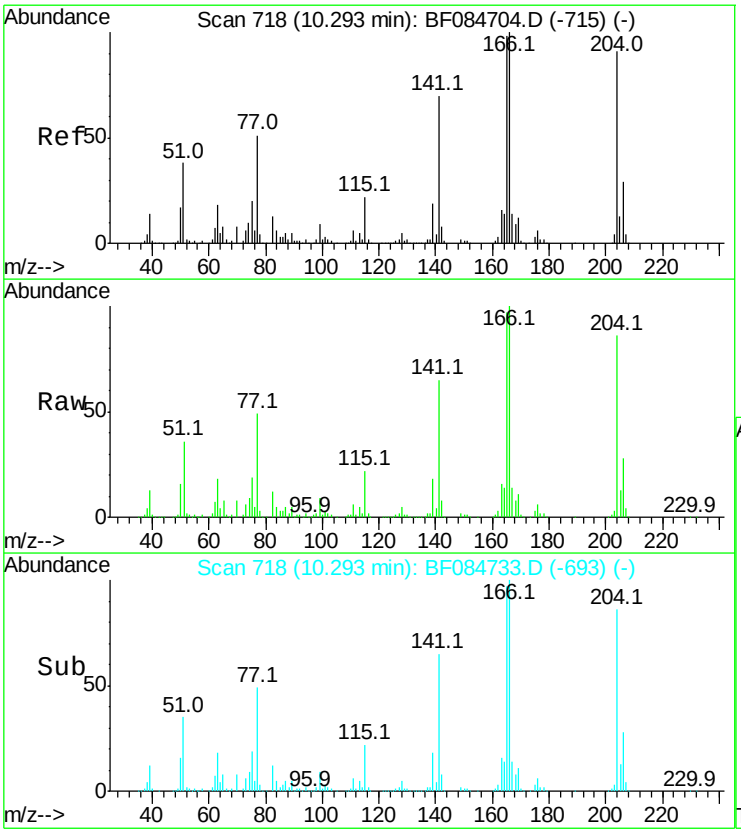
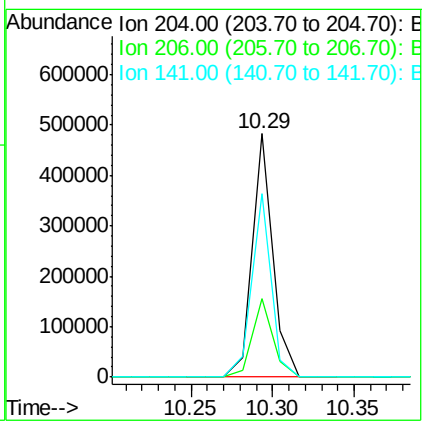
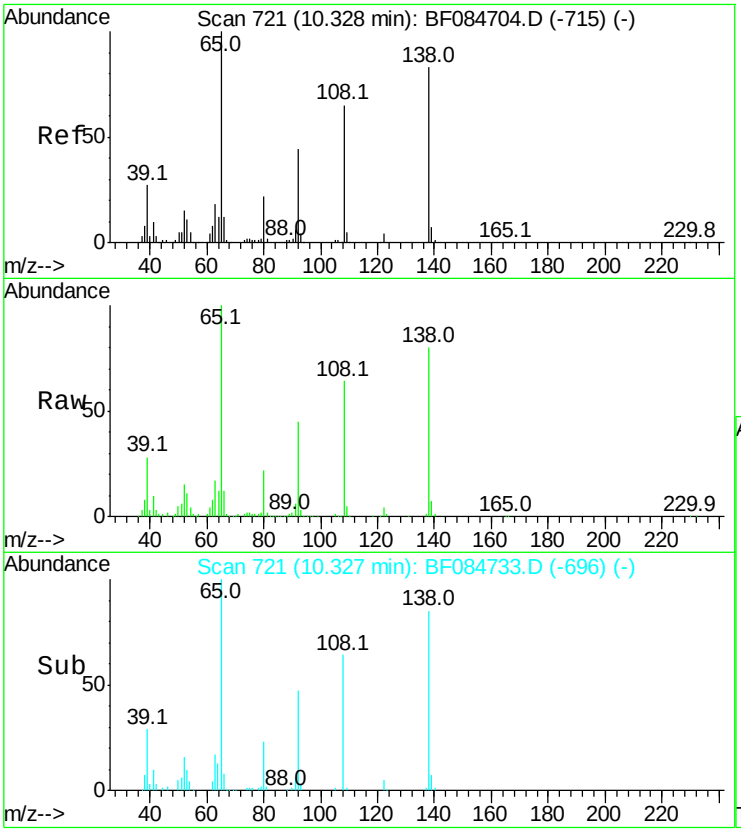


#60
4-Chlorophenyl-phenylether
Concen: 50.42 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:204 Resp: 422244

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.7	38.5
141	75.4	55.1	82.7

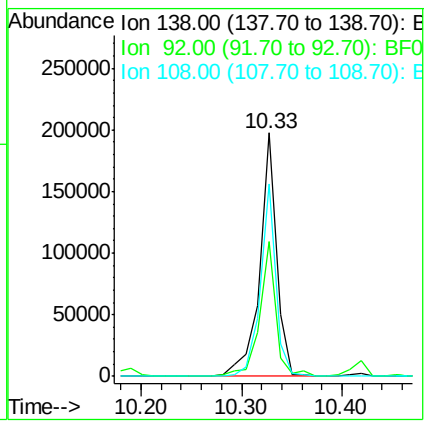




#61
4-Nitroaniline
Concen: 41.74 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:138 Resp: 232730

Ion	Ratio	Lower	Upper
138	100		
92	55.4	32.6	72.6
108	79.1	68.6	108.6



Instrument :
BNA_F
ClientSampleId :
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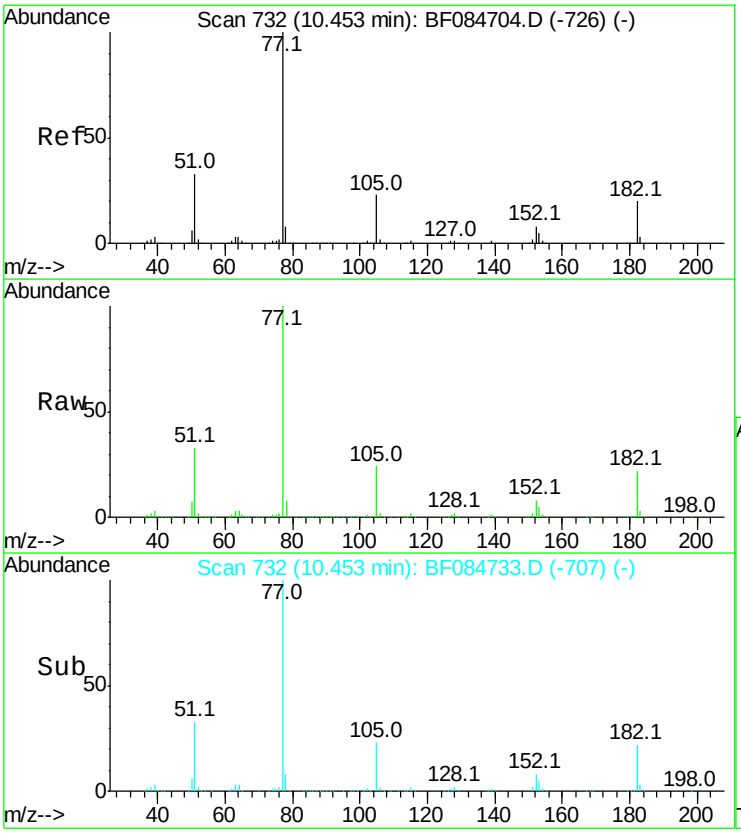
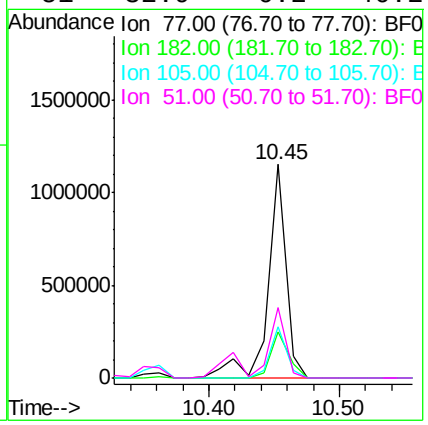
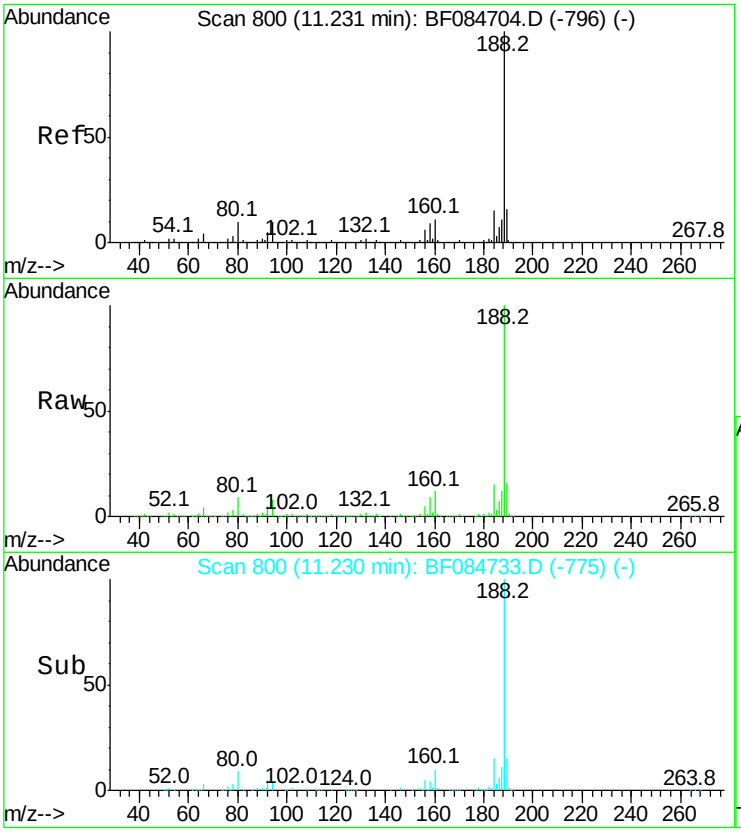


#62
Azobenzene
Concen: 51.44 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion: 77 Resp: 1125962

Ion	Ratio	Lower	Upper
77	100		
182	21.6	8.3	48.3
105	23.7	4.6	44.6
51	32.9	6.2	46.2

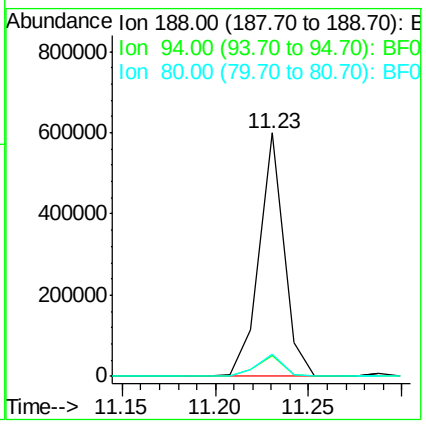




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:188 Resp: 550371

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.0	13.4#
80	9.0	9.6	14.4#



Instrument :
BNA_F
ClientSampleId :
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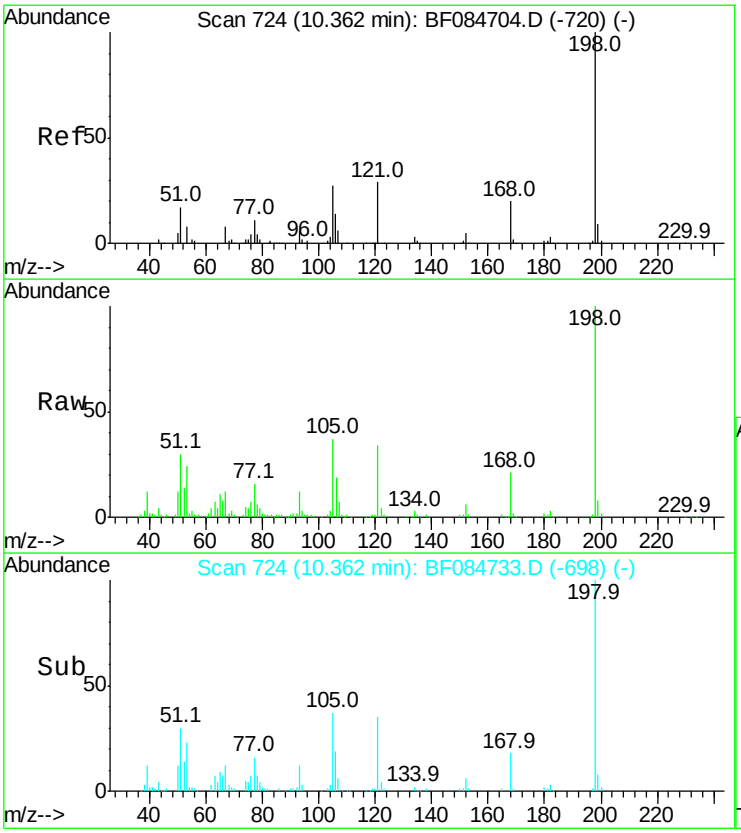
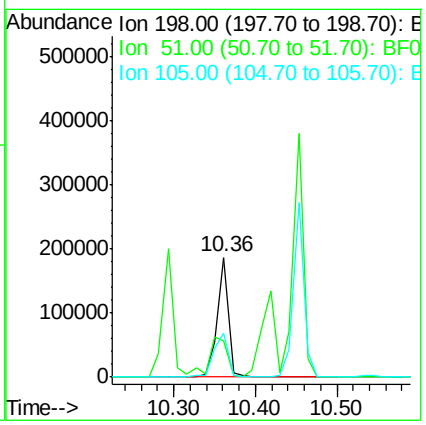
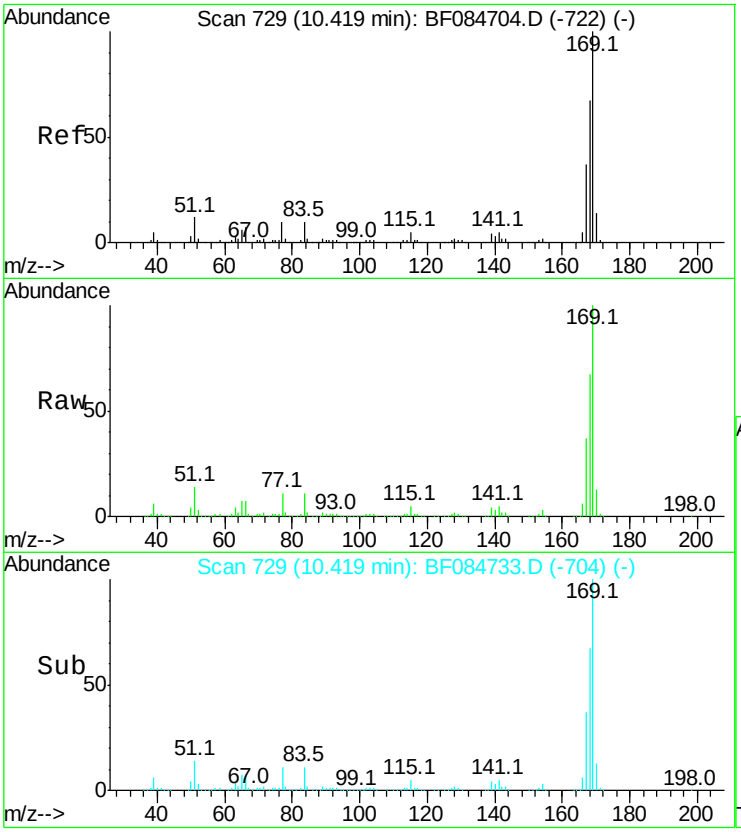


#64
4,6-Dinitro-2-methylphenol
Concen: 51.78 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:198 Resp: 175905

Ion	Ratio	Lower	Upper
198	100		
51	30.2	18.9	58.9
105	36.9	26.4	66.4

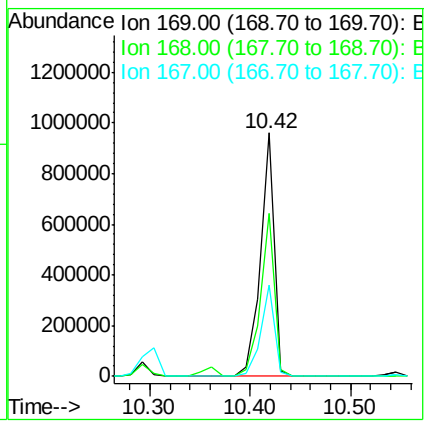




#65
n-Nitrosodiphenylamine
Concen: 52.33 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:169 Resp: 914519

Ion	Ratio	Lower	Upper
169	100		
168	67.0	55.1	82.7
167	37.3	30.0	45.0



Instrument :
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ClientSampleId :
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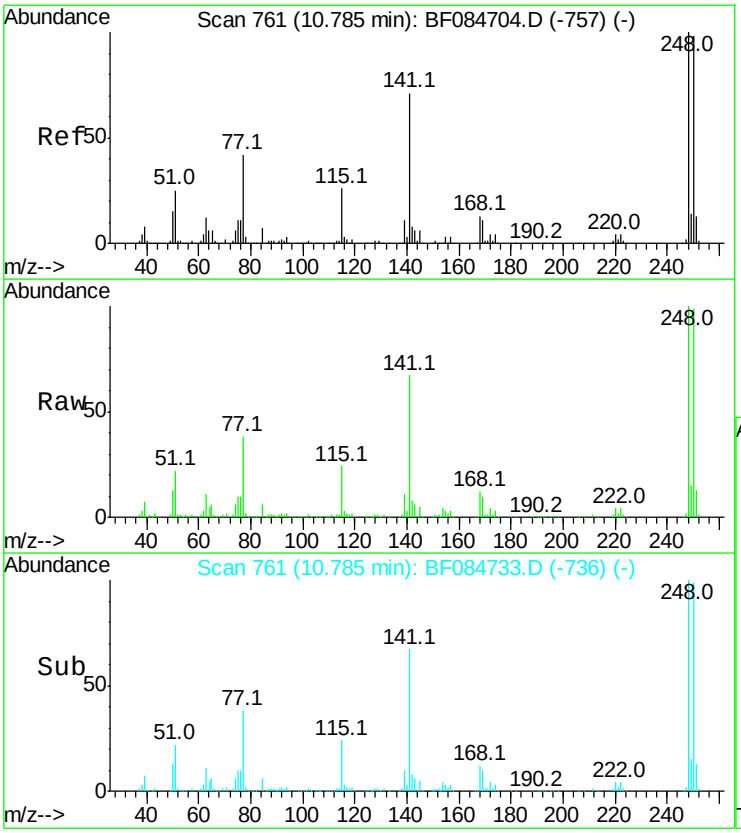
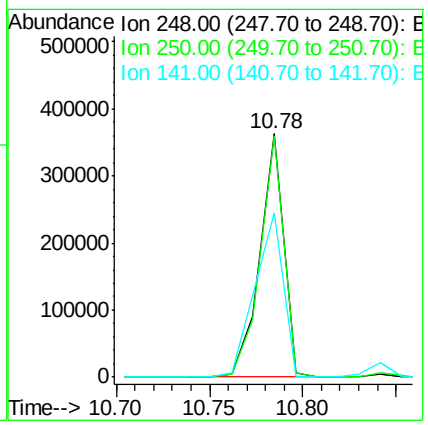
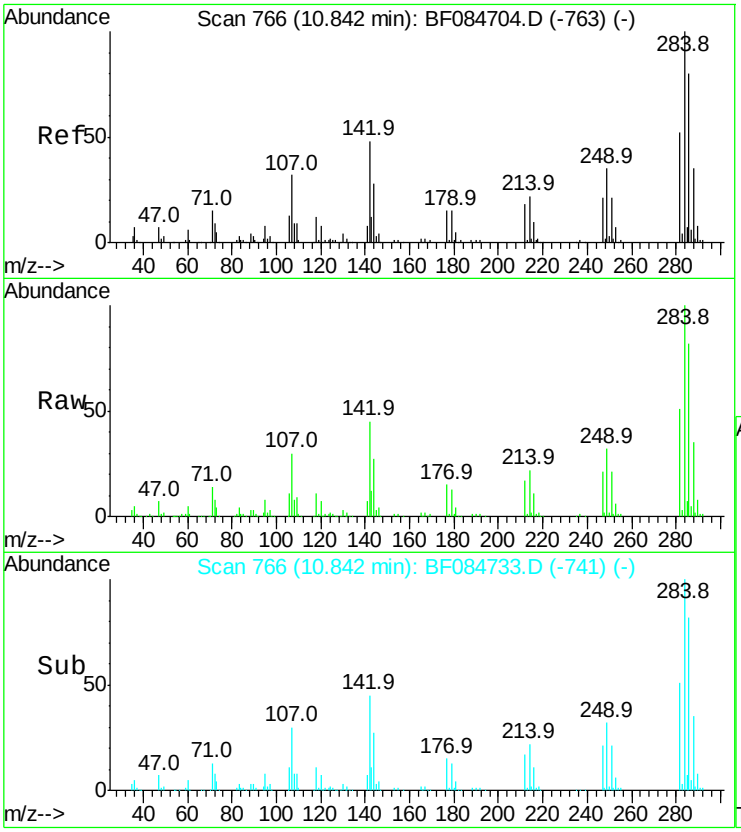


#66
4-Bromophenyl-phenylether
Concen: 52.26 ng
RT: 10.78 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:248 Resp: 317692

Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.4	117.6
141	67.4	44.0	66.0#

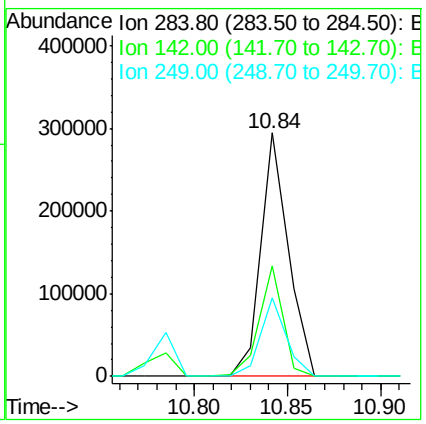




#67
Hexachlorobenzene
Concen: 45.23 ng
RT: 10.84 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:284 Resp: 299572

Ion	Ratio	Lower	Upper
284	100		
142	45.4	22.2	33.4#
249	32.3	24.6	37.0



Instrument :
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ClientSampleId :
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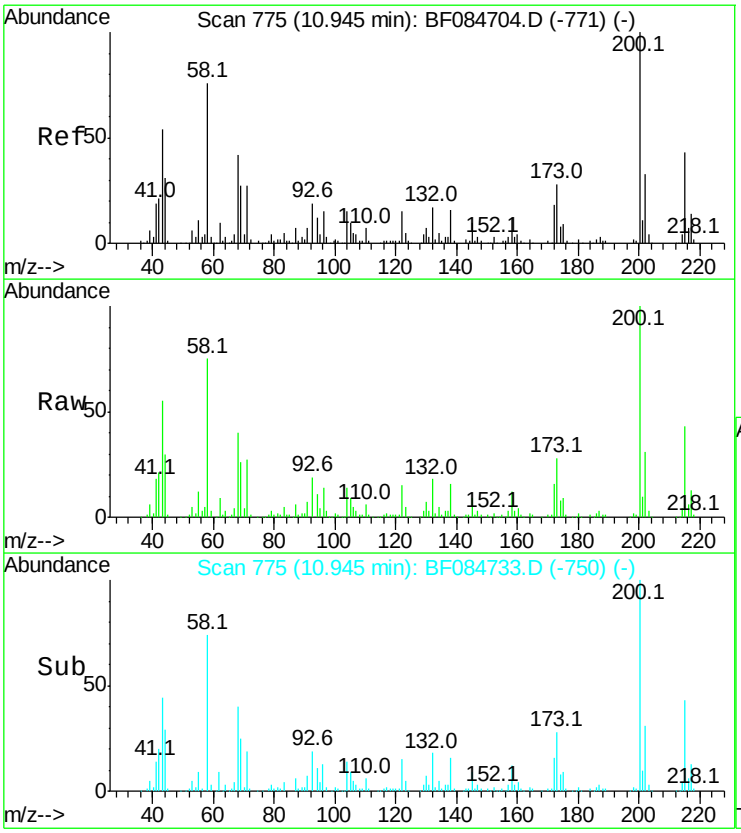
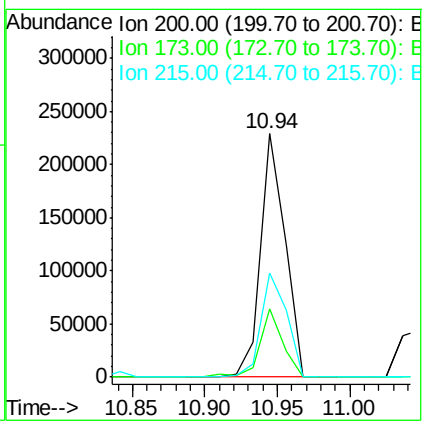
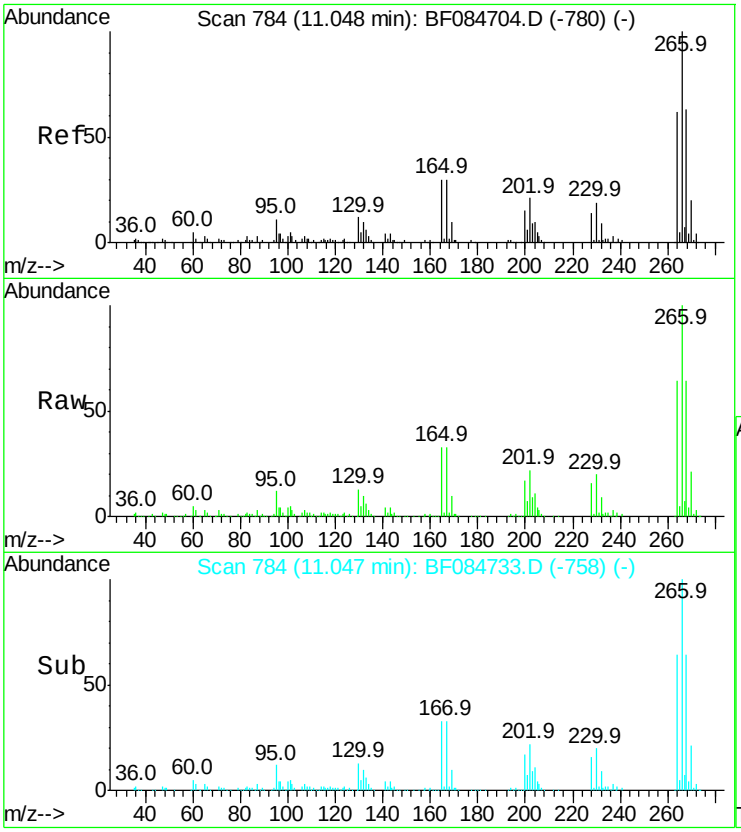


#68
Atrazine
Concen: 48.52 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:200 Resp: 267791

Ion	Ratio	Lower	Upper
200	100		
173	28.2	9.5	49.5
215	42.8	23.8	63.8

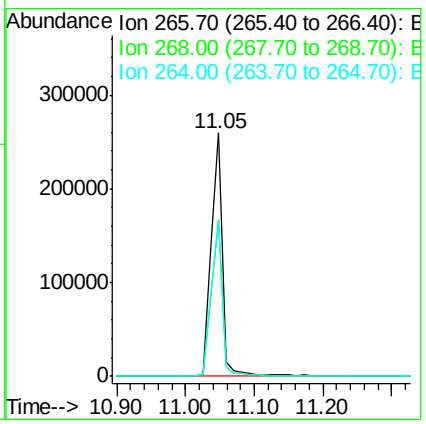




#69
Pentachlorophenol
Concen: 97.25 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:266 Resp: 302735

Ion	Ratio	Lower	Upper
266	100		
268	64.2	52.4	78.6
264	63.8	50.2	75.2



Instrument :
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ClientSampleId :
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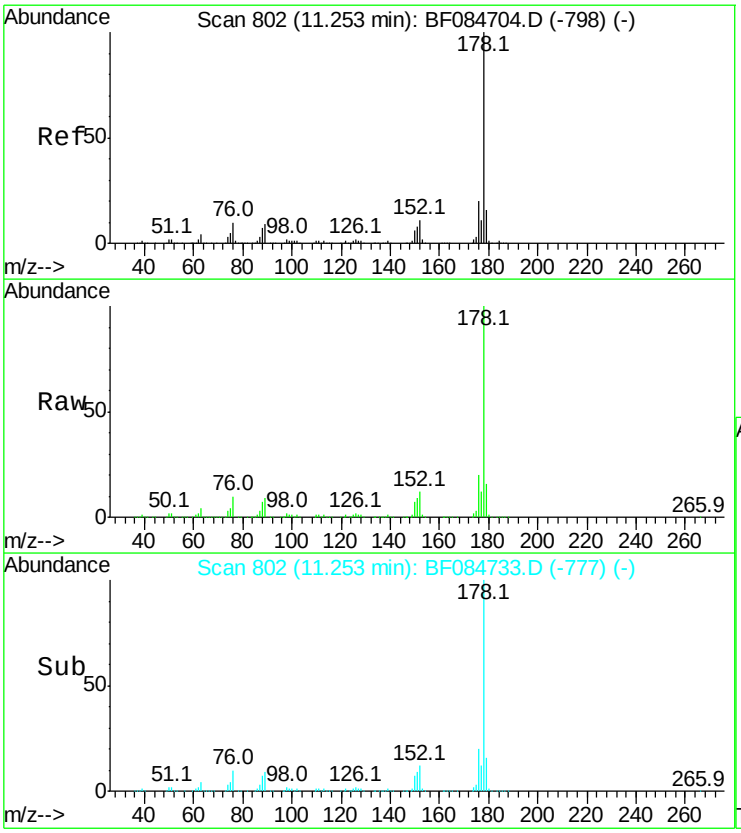
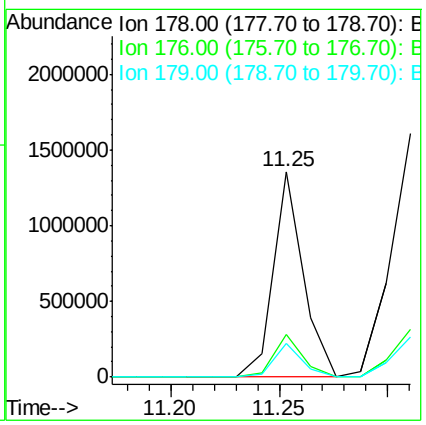
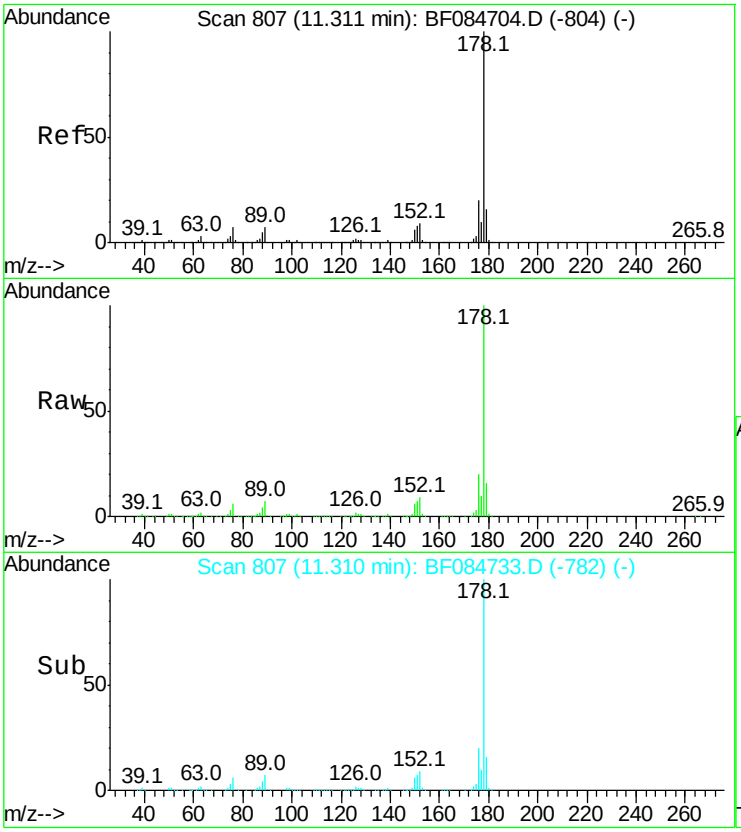


#70
Phenanthrene
Concen: 42.95 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:178 Resp: 1311018

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.3	22.9
179	16.4	12.0	18.0

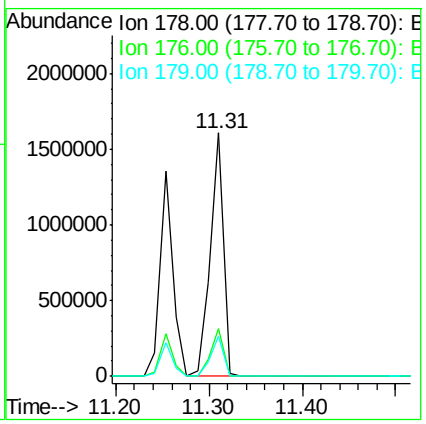




#71
Anthracene
Concen: 51.01 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:178 Resp: 1568936

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	16.3	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
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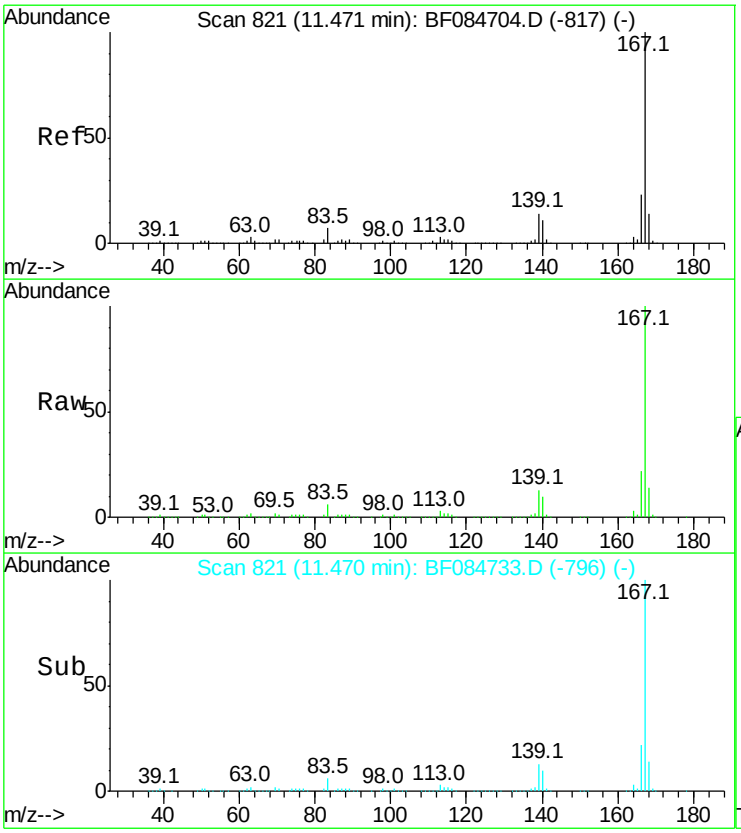
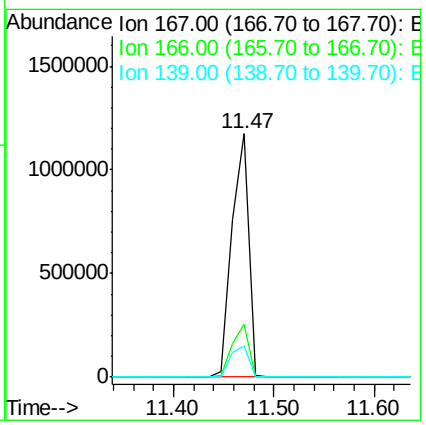
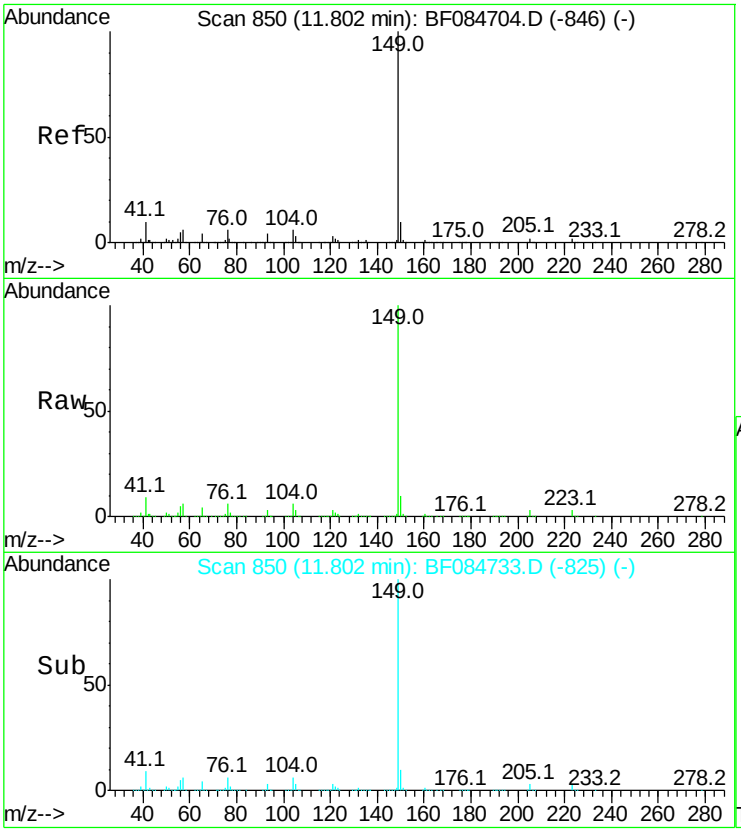


#72
Carbazole
Concen: 50.85 ng
RT: 11.47 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:167 Resp: 1363863

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.8	11.8	17.8

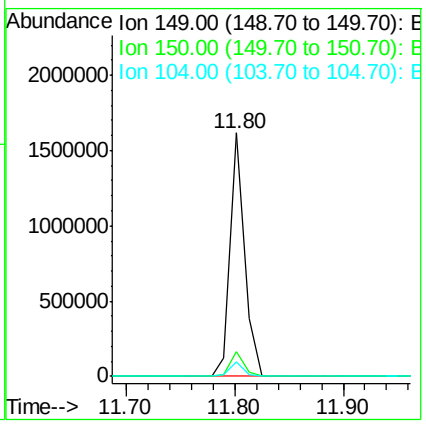




#73
Di-n-butylphthalate
Concen: 42.72 ng
RT: 11.80 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:149 Resp: 1458825

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.1	10.7
104	5.7	3.2	4.8#



Instrument :
BNA_F
ClientSampleId :
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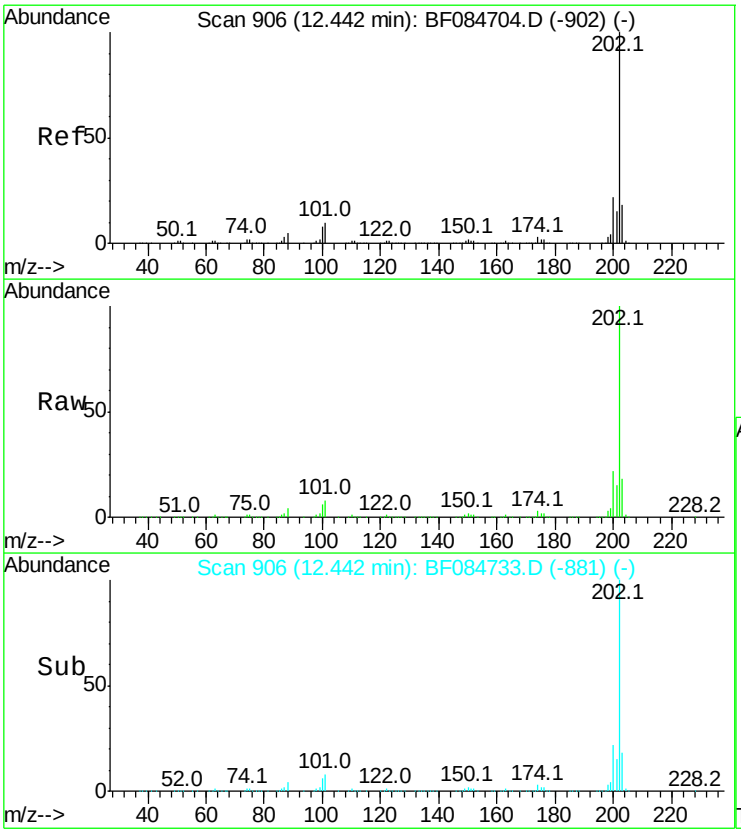
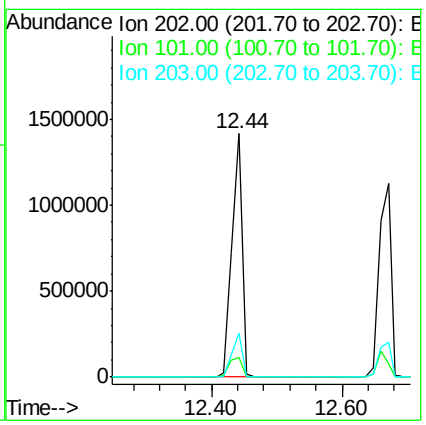
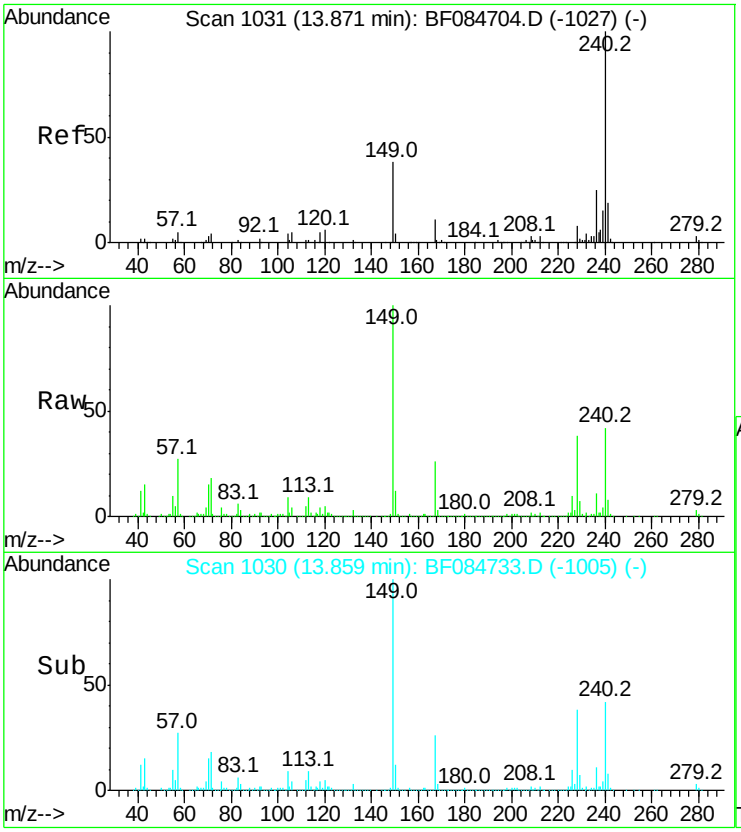


#74
Fluoranthene
Concen: 48.76 ng
RT: 12.44 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:202 Resp: 1506614

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	32.8
203	18.2	0.0	37.9

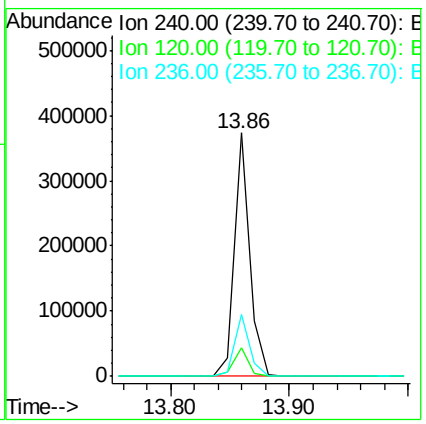




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:240 Resp: 338781

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.3	20.6	31.0



Instrument :
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ClientSampleId :
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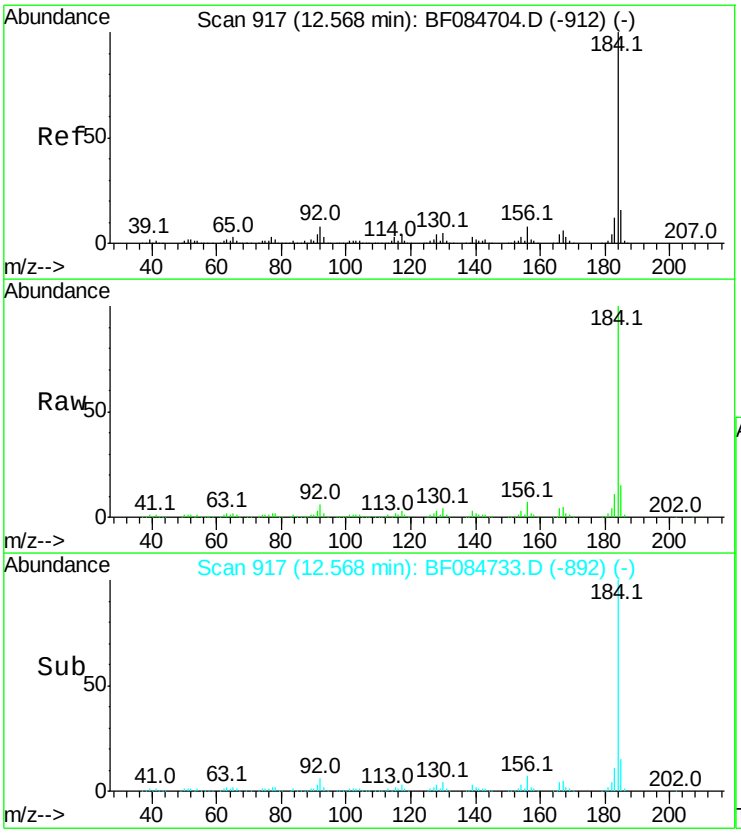
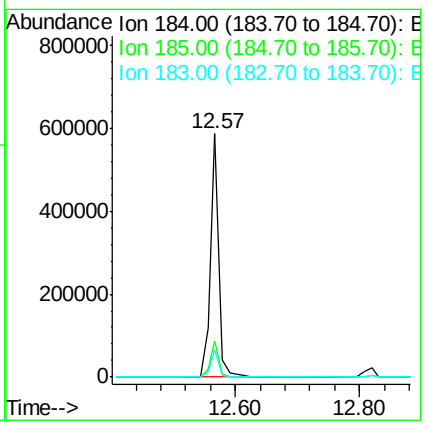
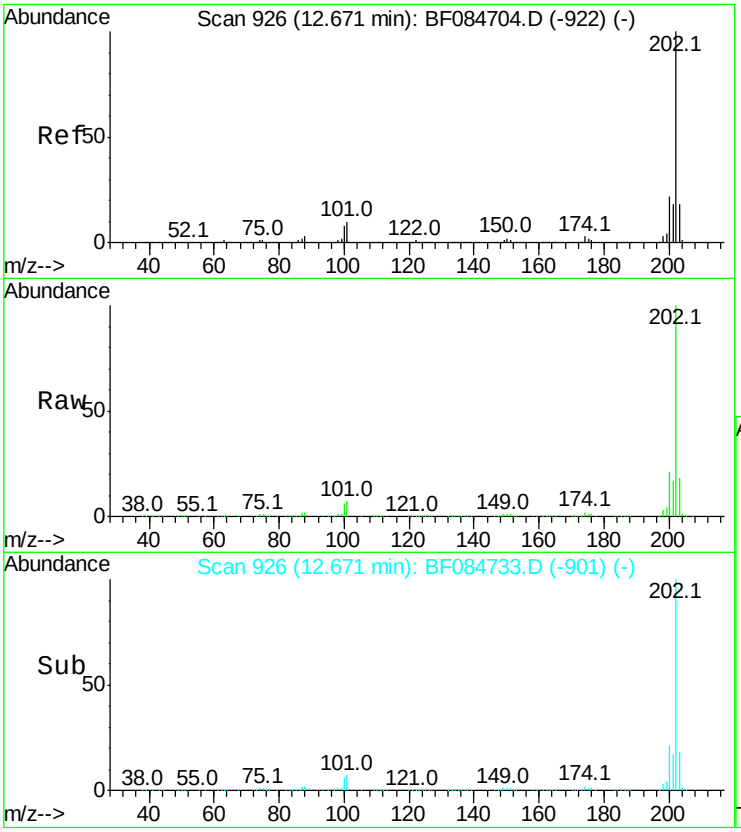


#76
Benzidine
Concen: 45.94 ng
RT: 12.57 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:184 Resp: 535848

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.2
183	11.4	9.8	14.8

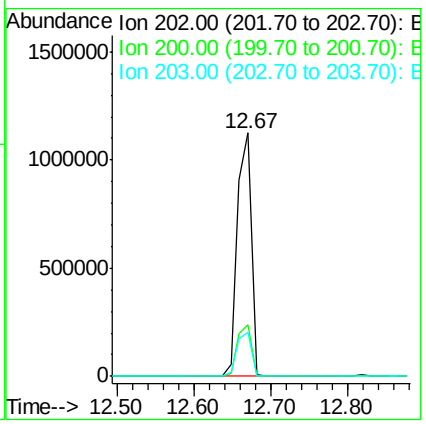




#77
Pyrene
Concen: 55.87 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:202 Resp: 1449033

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	17.8	14.3	21.5



Instrument :
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ClientSampleId :
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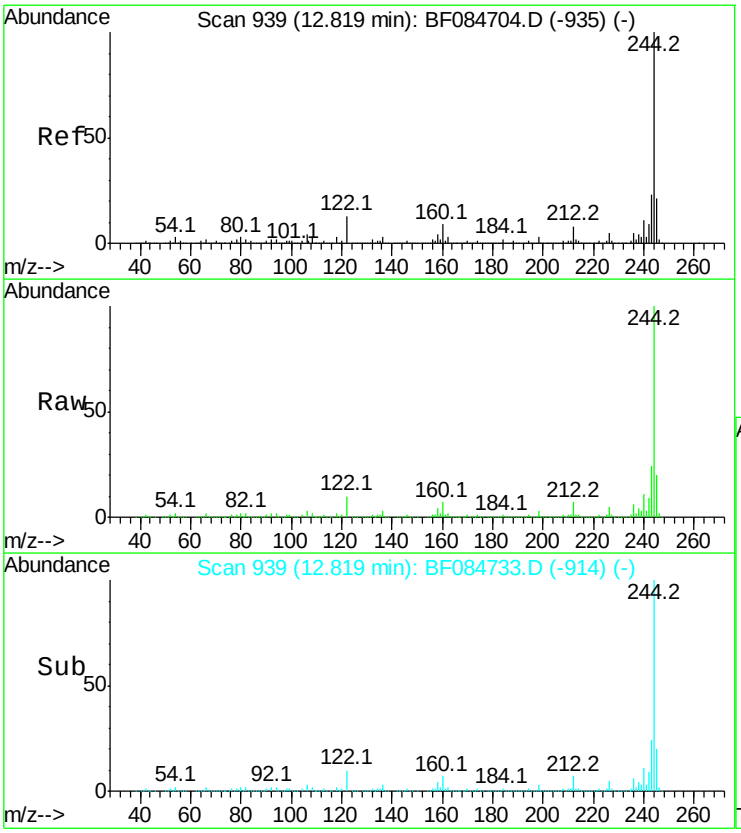
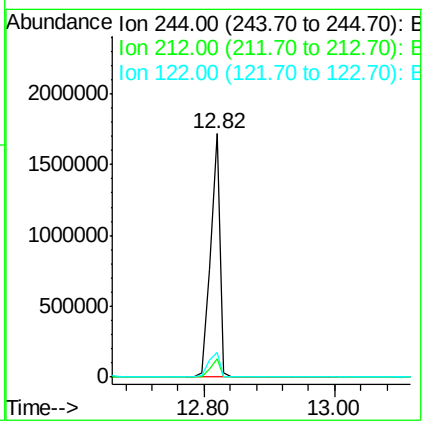
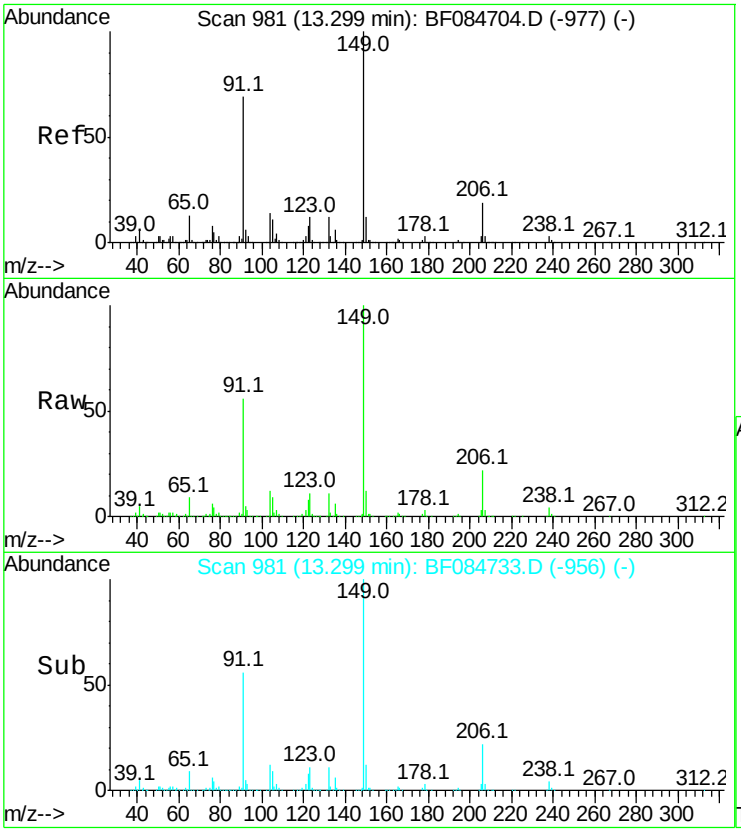


#78
Terphenyl-d14
Concen: 116.87 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:244 Resp: 1747305

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	10.4	7.4	11.0

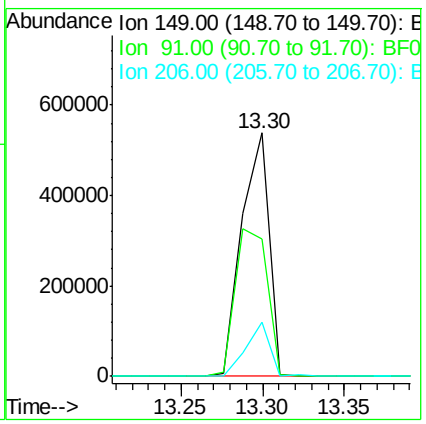




#79
Butylbenzylphthalate
Concen: 53.13 ng
RT: 13.30 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:149 Resp: 625139

Ion	Ratio	Lower	Upper
149	100		
91	56.4	57.6	86.4#
206	22.4	13.2	19.8#



Instrument :
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ClientSampleId :
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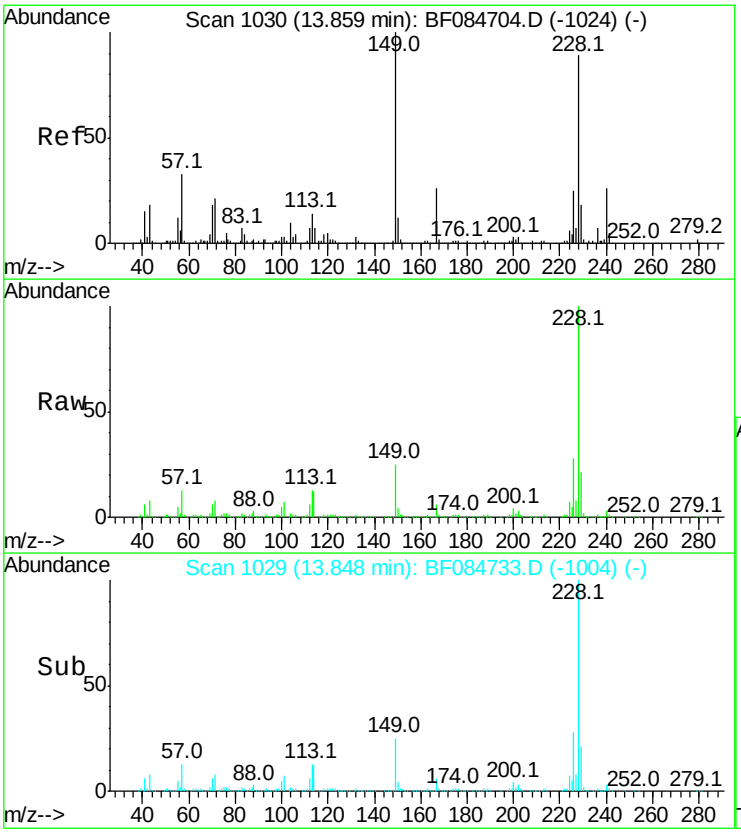
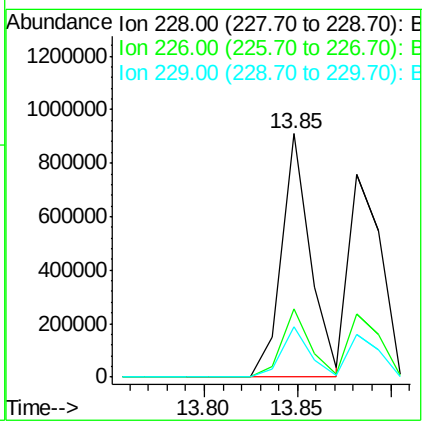
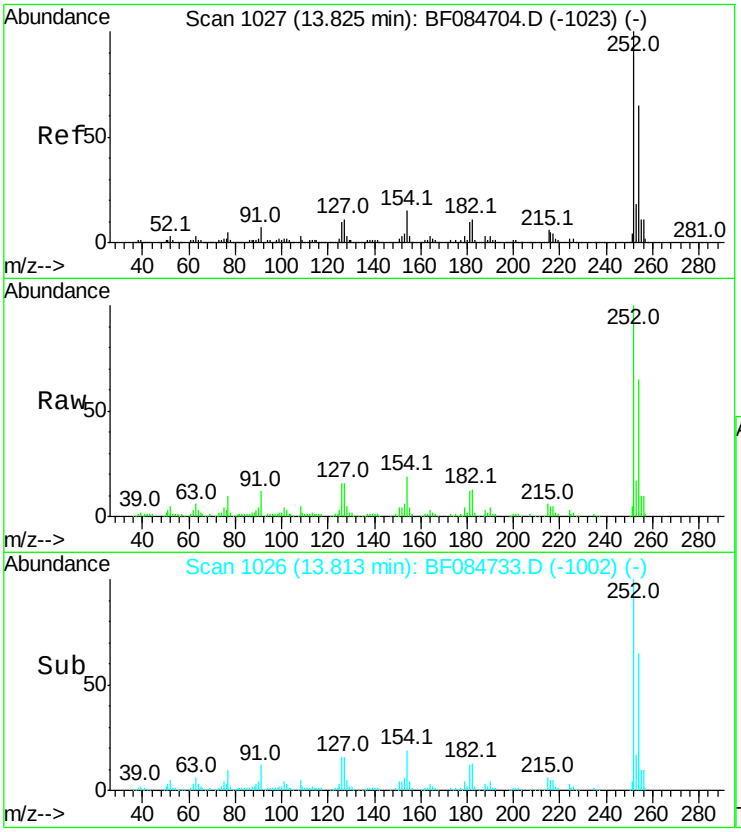


#80
Benzo(a)anthracene
Concen: 46.81 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:228 Resp: 984282

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.6
229	20.6	15.8	23.8

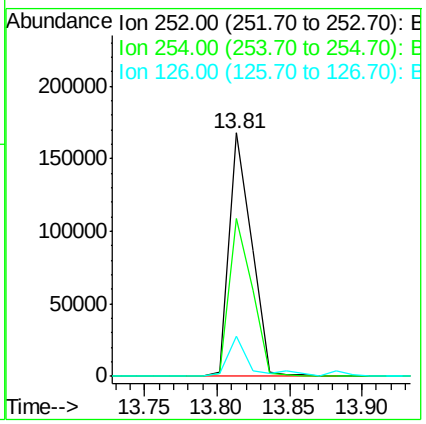




#81
3,3'-Dichlorobenzidine
Concen: 24.27 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:252 Resp: 180685

Ion	Ratio	Lower	Upper
252	100		
254	65.1	53.5	80.3
126	16.4	4.9	7.3#



Instrument :
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ClientSampleId :
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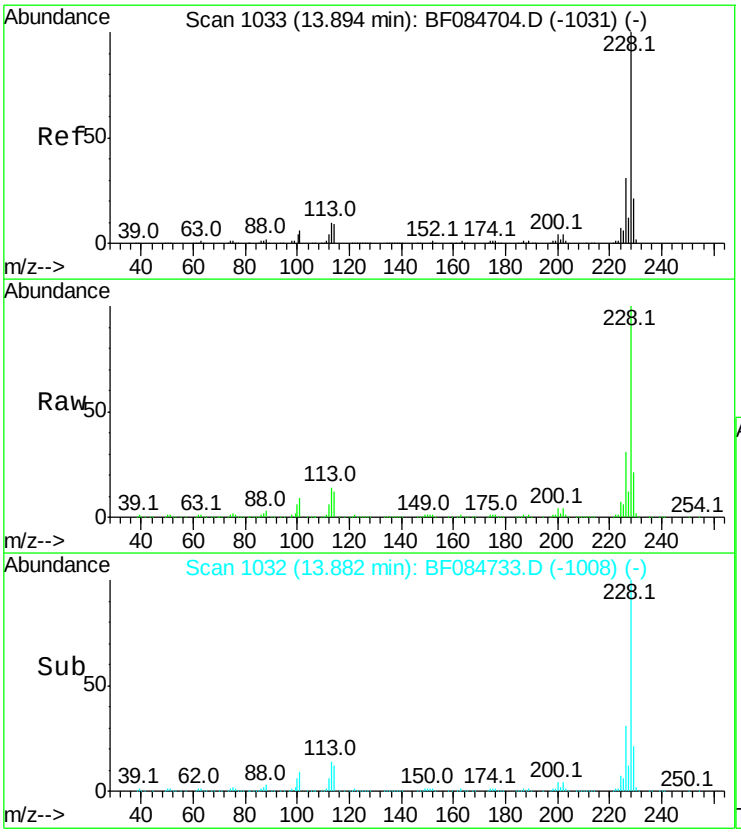
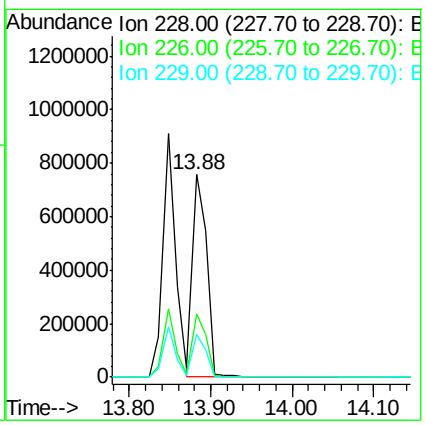
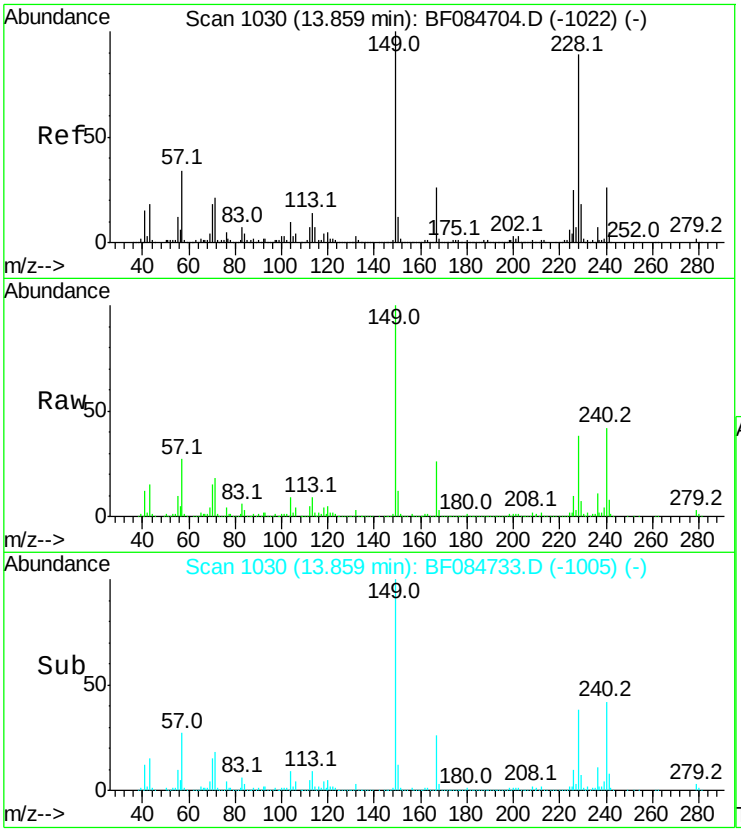


#82
Chrysene
Concen: 45.03 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:228 Resp: 918154

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.3	36.5
229	21.2	16.1	24.1





#83
Bis(2-ethylhexyl)phthalate
Concen: 54.54 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:149 Resp: 798661

Ion	Ratio	Lower	Upper
149	100		
167	26.4	19.7	29.5
279	3.2	1.8	2.6#

Instrument :
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ClientSampleId :
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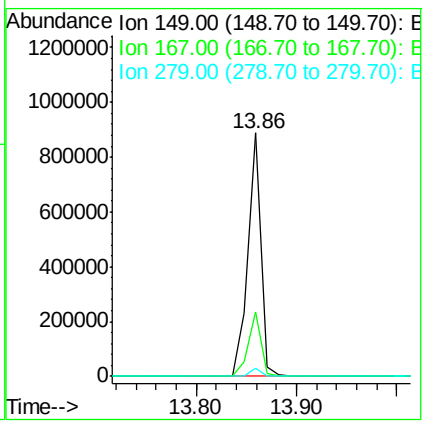
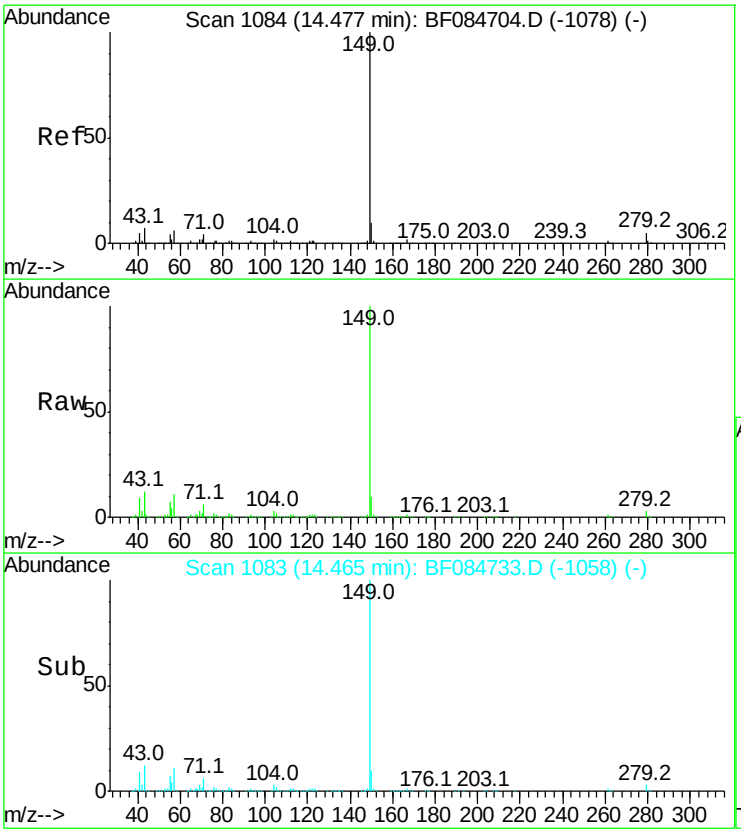
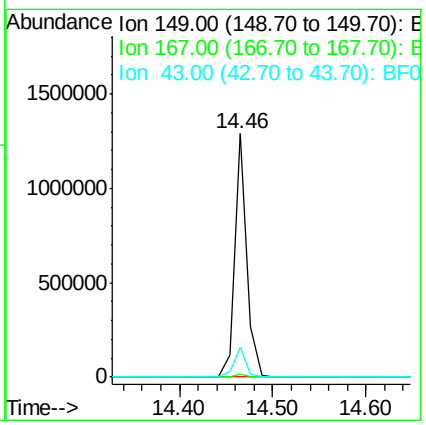


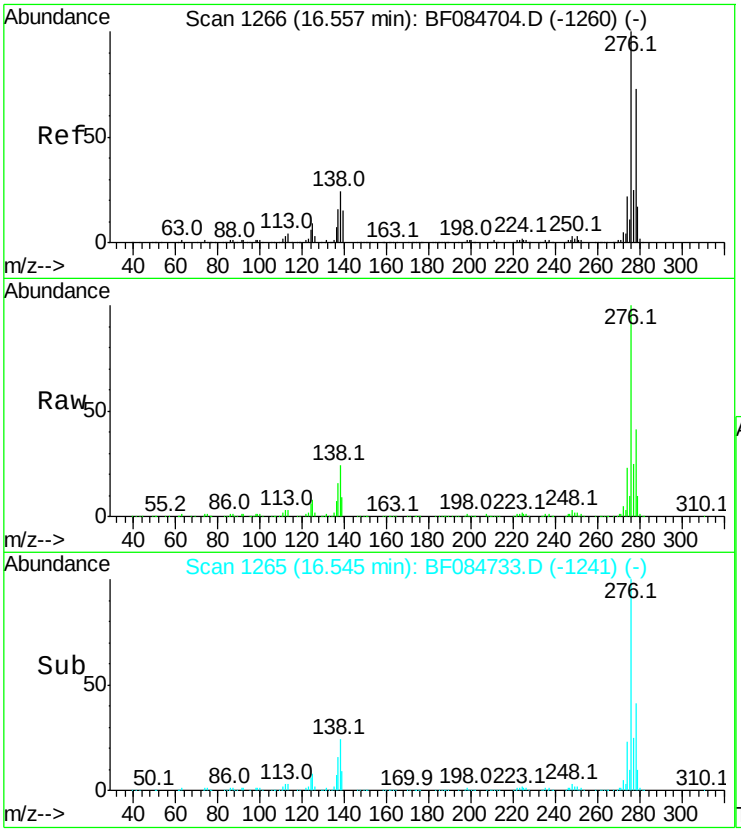


#84
Di-n-octyl phthalate
Concen: 48.19 ng
RT: 14.46 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:149 Resp: 1164110

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.0	5.6	8.4#

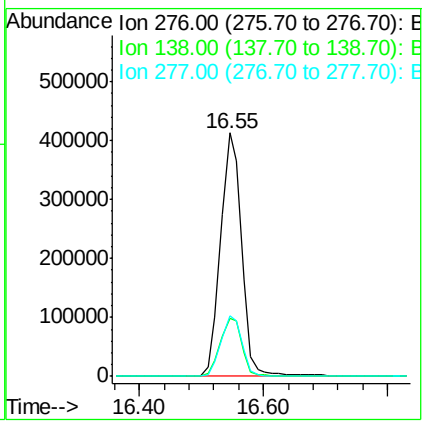




#85
Indeno(1,2,3-cd)pyrene
Concen: 60.44 ng
RT: 16.55 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:276 Resp: 970081

Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.6	30.8
277	25.1	20.1	30.1



Instrument :
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ClientSampleId :
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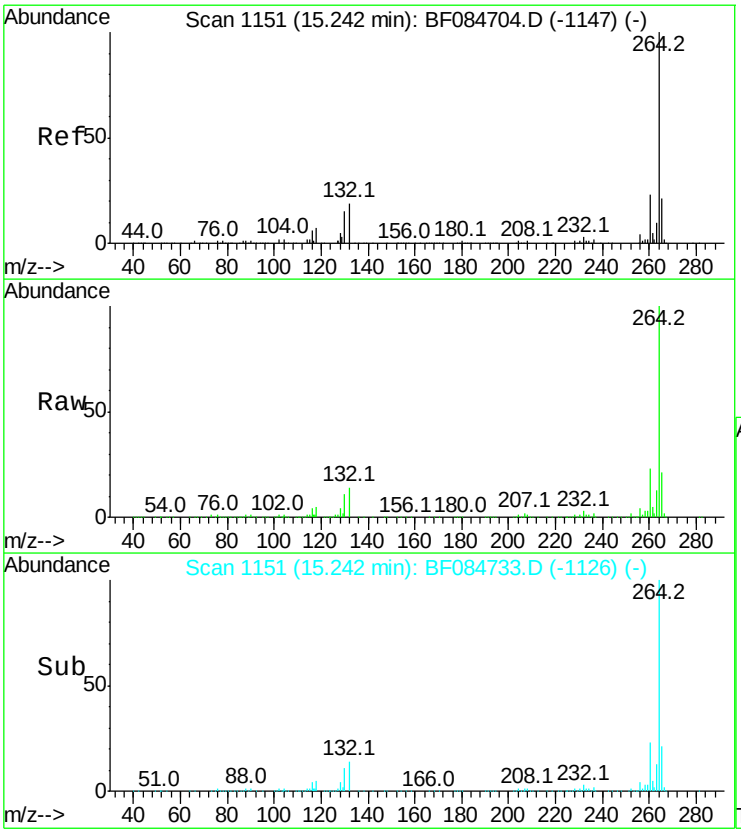
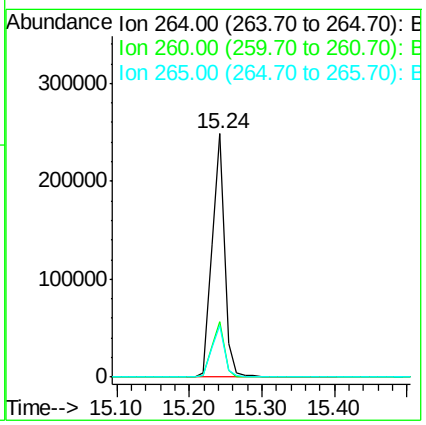
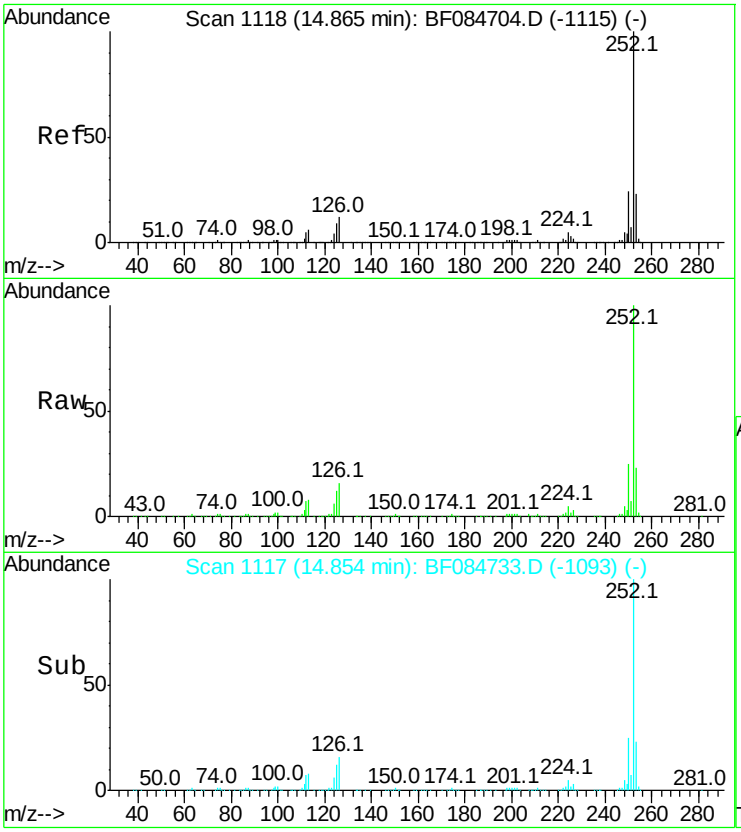


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:264 Resp: 298929

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	21.2	17.8	26.6

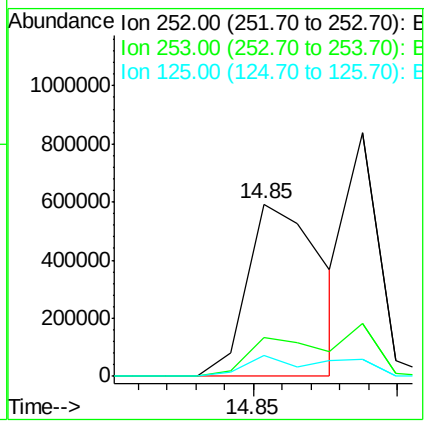




#87
Benzo(b)fluoranthene
Concen: 53.58 ng m
RT: 14.85 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:252 Resp: 1076169

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	12.3	6.5	9.7#



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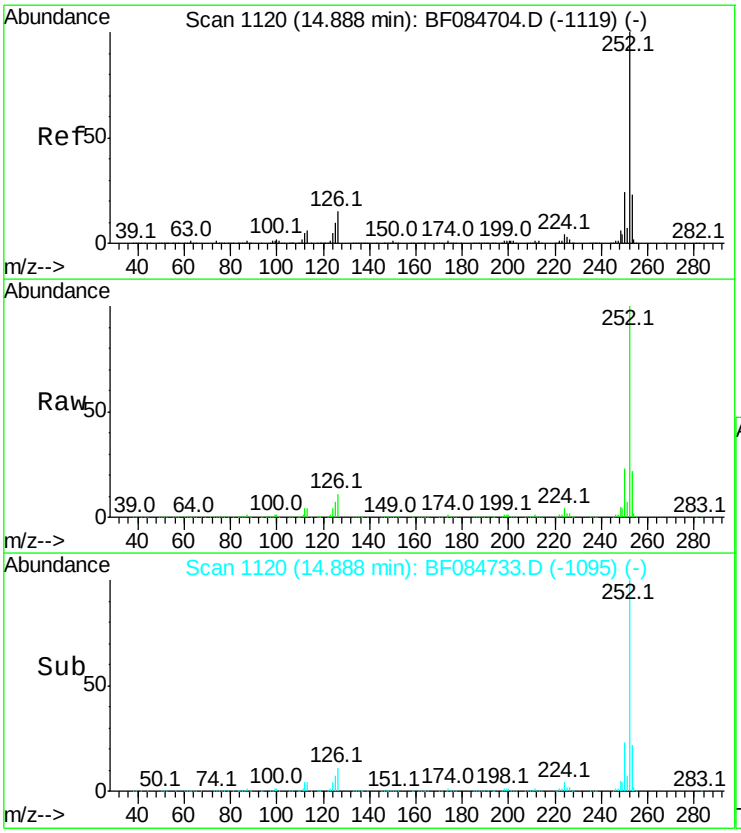
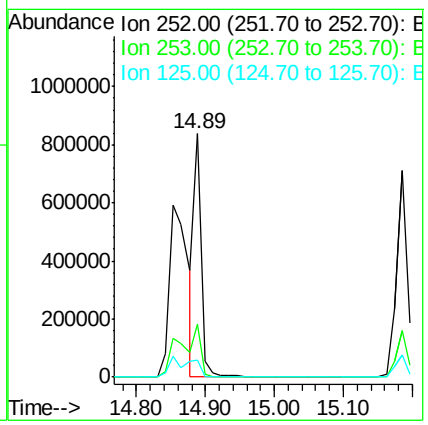
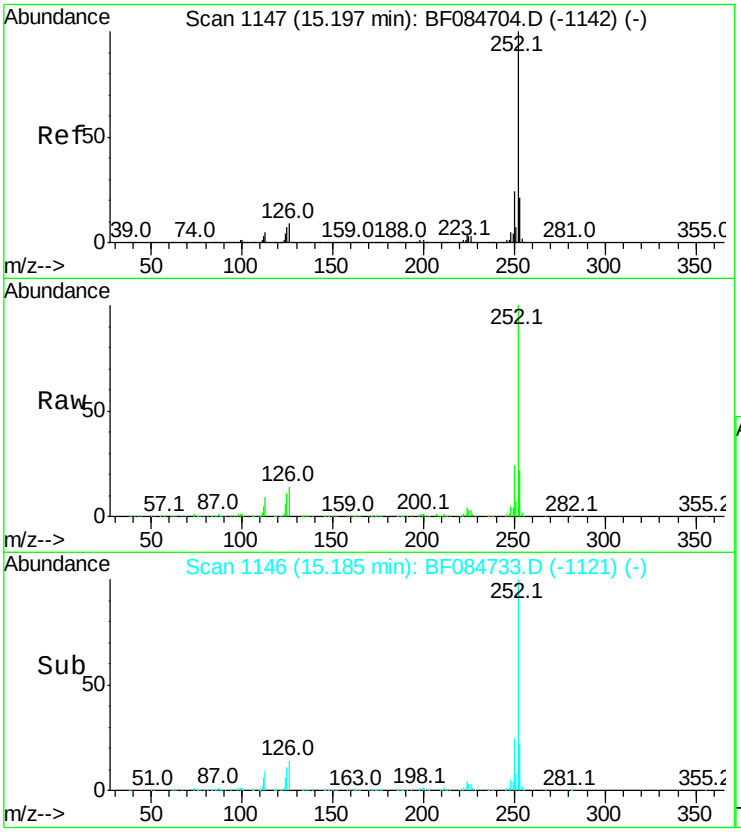


#88
Benzo(k)fluoranthene
Concen: 39.01 ng m
RT: 14.89 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:252 Resp: 647761

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	7.1	9.0	13.6#

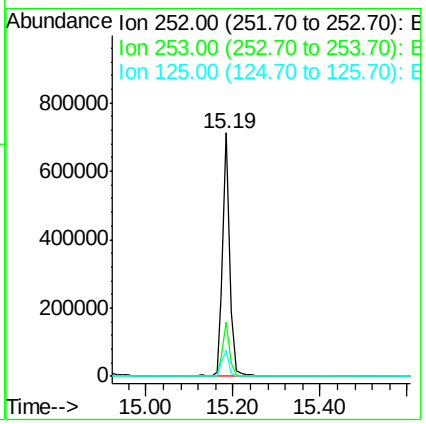




#89
Benzo(a)pyrene
Concen: 47.74 ng
RT: 15.19 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:252 Resp: 817035

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	10.7	7.0	10.4#



Instrument :
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ClientSampleId :
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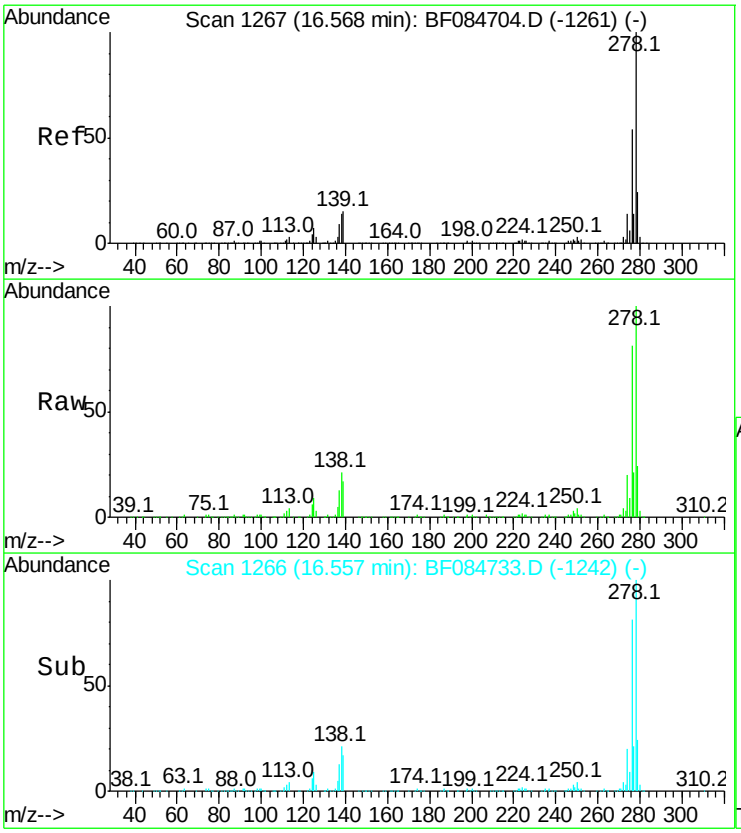
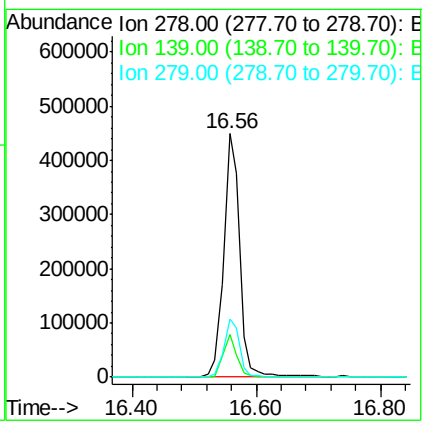
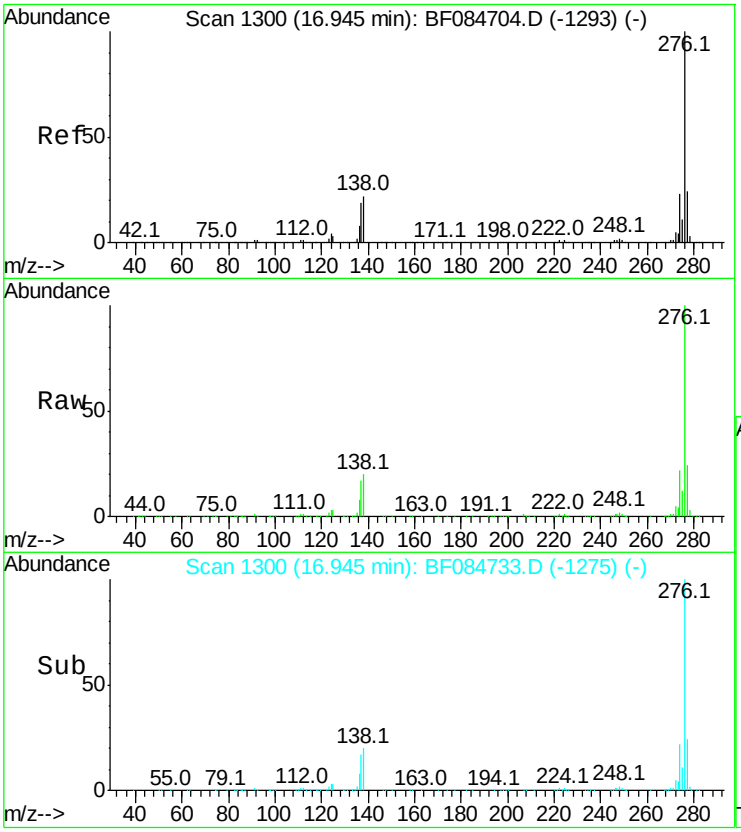


#90
Dibenzo(a,h)anthracene
Concen: 55.68 ng
RT: 16.56 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:278 Resp: 802127

Ion	Ratio	Lower	Upper
278	100		
139	17.4	15.0	22.4
279	23.7	18.9	28.3

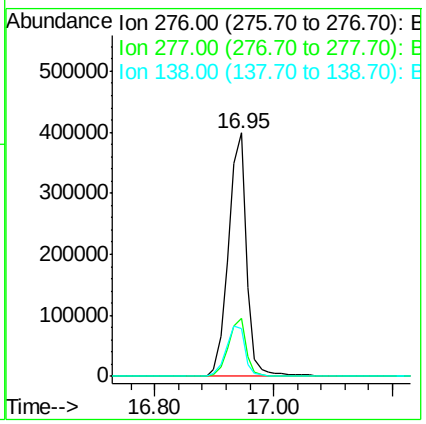




#91
Benzo(g,h,i)perylene
Concen: 57.60 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF084733.D
Acq: 2 Feb 2016 2:23

Tgt Ion:276 Resp: 835899

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	19.7	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
EP002MSD

Manual Integrations APPROVED
mohammad
2/2/2016 4:18:40 PM