Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084912.D
Acq On : 6 Feb 2016 15:26
Operator : SJ/IZ
Sample : H1325-01MSD
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B016(17-19)MSD

Manual Integrations APPROVED
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2/8/2016 3:04:35 PM

Quant Time: Feb 08 02:43:16 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	177048	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	706084	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	319195	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	546633	20.00	ng		-0.03
75) Chrysene-d12	13.81	240	315779	20.00	ng		-0.02
86) Perylene-d12	15.17	264	327726	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1405861	123.68	ng		0.00
7) Phenol-d6	6.33	99	1601967	113.68	ng		-0.01
23) Nitrobenzene-d5	7.24	82	1252036	99.89	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	462653	138.96	ng		-0.02
44) 2-Fluorobiphenyl	9.04	172	2096567	142.83	ng		-0.02
78) Terphenyl-d14	12.76	244	1389511	99.71	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	193830	38.93	ng	#	77
3) Pyridine	2.96	79	326519	25.17	ng	#	79
4) n-Nitrosodimethylamine	2.89	42	285836	42.60	ng		79
6) Aniline	6.33	93	285229	16.54	ng	#	45
8) 2-Chlorophenol	6.45	128	573165	44.55	ng		93
9) Benzaldehyde	6.21	77	74561	8.96	ng		86
10) Phenol	6.34	94	656096	41.56	ng		95
11) bis(2-Chloroethyl)ether	6.41	93	567194	46.08	ng	#	83
12) 1,3-Dichlorobenzene	6.60	146	538148	39.59	ng	#	95
13) 1,4-Dichlorobenzene	6.68	146	574907	42.31	ng		95
14) 1,2-Dichlorobenzene	6.83	146	463228	36.60	ng		95
15) Benzyl Alcohol	6.82	79	448039	46.04	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.96	45	840162	40.57	ng		98
17) 2-Methylphenol	6.94	107	441622	43.40	ng	#	90
18) Hexachloroethane	7.17	117	214414	40.97	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	396330	44.87	ng	#	73
20) 3+4-Methylphenols	7.10	107	581649	46.05	ng		91
22) Acetophenone	7.08	105	825339	44.35	ng	#	99
24) Nitrobenzene	7.25	77	540190	40.25	ng		94
25) Isophorone	7.50	82	1120698	45.98	ng		95
26) 2-Nitrophenol	7.57	139	315573	47.67	ng	#	89
27) 2,4-Dimethylphenol	7.63	122	509178	44.22	ng		90
28) bis(2-Chloroethoxy)methane	7.71	93	657500	45.47	ng		99
29) 2,4-Dichlorophenol	7.82	162	480273	48.75	ng		94
30) 1,2,4-Trichlorobenzene	7.89	180	474260	42.62	ng		95
31) Naphthalene	7.97	128	1649514	46.57	ng		99
32) Benzoic acid	7.78	122	335662	45.58	ng		91
33) 4-Chloroaniline	8.03	127	191438	13.07	ng		95
34) Hexachlorobutadiene	8.09	225	263818	41.12	ng		97
35) Caprolactam	8.42	113	123733m	40.75	ng		
36) 4-Chloro-3-methylphenol	8.53	107	535043	47.60	ng		99
37) 2-Methylnaphthalene	8.66	142	1048240	47.29	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	449173	44.31	ng		99
40) Hexachlorocyclopentadiene	8.82	237	324817	74.63	ng		98

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Data File : BF084912.D
Acq On : 6 Feb 2016 15:26
Operator : SJ/IZ
Sample : H1325-01MSD
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B016(17-19)MSD

Manual Integrations APPROVED
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2/8/2016 3:04:35 PM

Quant Time: Feb 08 02:43:16 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)
42) 2,4,6-Trichlorophenol	8.94	196	305106	46.72	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	332758	50.14	ng		94
45) 1,1'-Biphenyl	9.13	154	1193559	41.86	ng		99
46) 2-Chloronaphthalene	9.15	162	929611	44.28	ng		94
47) 2-Nitroaniline	9.25	65	287697	43.28	ng		97
48) Acenaphthylene	9.56	152	1327969	41.68	ng		98
49) Dimethylphthalate	9.45	163	1244201	51.18	ng	#	91
50) 2,6-Dinitrotoluene	9.50	165	277079	52.17	ng		96
51) Acenaphthene	9.73	154	874188	42.17	ng		98
52) 3-Nitroaniline	9.66	138	156558	26.23	ng		95
53) 2,4-Dinitrophenol	9.78	184	233020	93.97	ng	#	85
54) Dibenzofuran	9.90	168	1151979	45.47	ng		92
55) 4-Nitrophenol	9.85	139	288273	65.73	ng	#	75
56) 2,4-Dinitrotoluene	9.90	165	298082	44.00	ng	#	76
57) Fluorene	10.25	166	916921	43.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	251013	49.69	ng		94
59) Diethylphthalate	10.13	149	1105189	46.56	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	486255	56.58	ng		90
61) 4-Nitroaniline	10.28	138	220655	37.94	ng		92
62) Azobenzene	10.41	77	1161717	50.89	ng		94
64) 4,6-Dinitro-2-methylphenol	10.32	198	170766	50.62	ng		83
65) n-Nitrosodiphenylamine	10.37	169	899974	51.85	ng		100
66) 4-Bromophenyl-phenylether	10.73	248	281459	46.62	ng	#	74
67) Hexachlorobenzene	10.80	284	334454	50.84	ng		95
68) Atrazine	10.90	200	232069	42.34	ng		98
69) Pentachlorophenol	10.99	266	282478	91.37	ng		98
70) Phenanthrene	11.21	178	1504572	49.63	ng		98
71) Anthracene	11.25	178	1288081	42.16	ng		99
72) Carbazole	11.41	167	1086341	40.78	ng		99
73) Di-n-butylphthalate	11.76	149	1636058	48.24	ng	#	97
74) Fluoranthene	12.38	202	1241766	40.47	ng		98
76) Benzidine	12.51	184	121855	14.46	ng		96
77) Pyrene	12.61	202	1323173	54.73	ng		99
79) Butylbenzylphthalate	13.24	149	550366	50.18	ng		92
80) Benzo(a)anthracene	13.80	228	987563	50.39	ng		100
81) 3,3'-Dichlorobenzidine	13.77	252	228320	32.90	ng	#	98
82) Chrysene	13.84	228	953556	50.17	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	727909	53.33	ng	#	100
84) Di-n-octyl phthalate	14.42	149	1247417	55.40	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.45	276	899034	60.10	ng		99
87) Benzo(b)fluoranthene	14.81	252	1098851m	49.90	ng		
88) Benzo(k)fluoranthene	14.83	252	756165m	41.53	ng		
89) Benzo(a)pyrene	15.13	252	906061	48.29	ng		99
90) Dibenzo(a,h)anthracene	16.47	278	756436	47.89	ng		97
91) Benzo(g,h,i)perylene	16.84	276	737537	46.36	ng		96

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

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Quant Time: Feb 08 02:43:16 2016
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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-B016(17-19)MSD

Manual Integrations APPROVED
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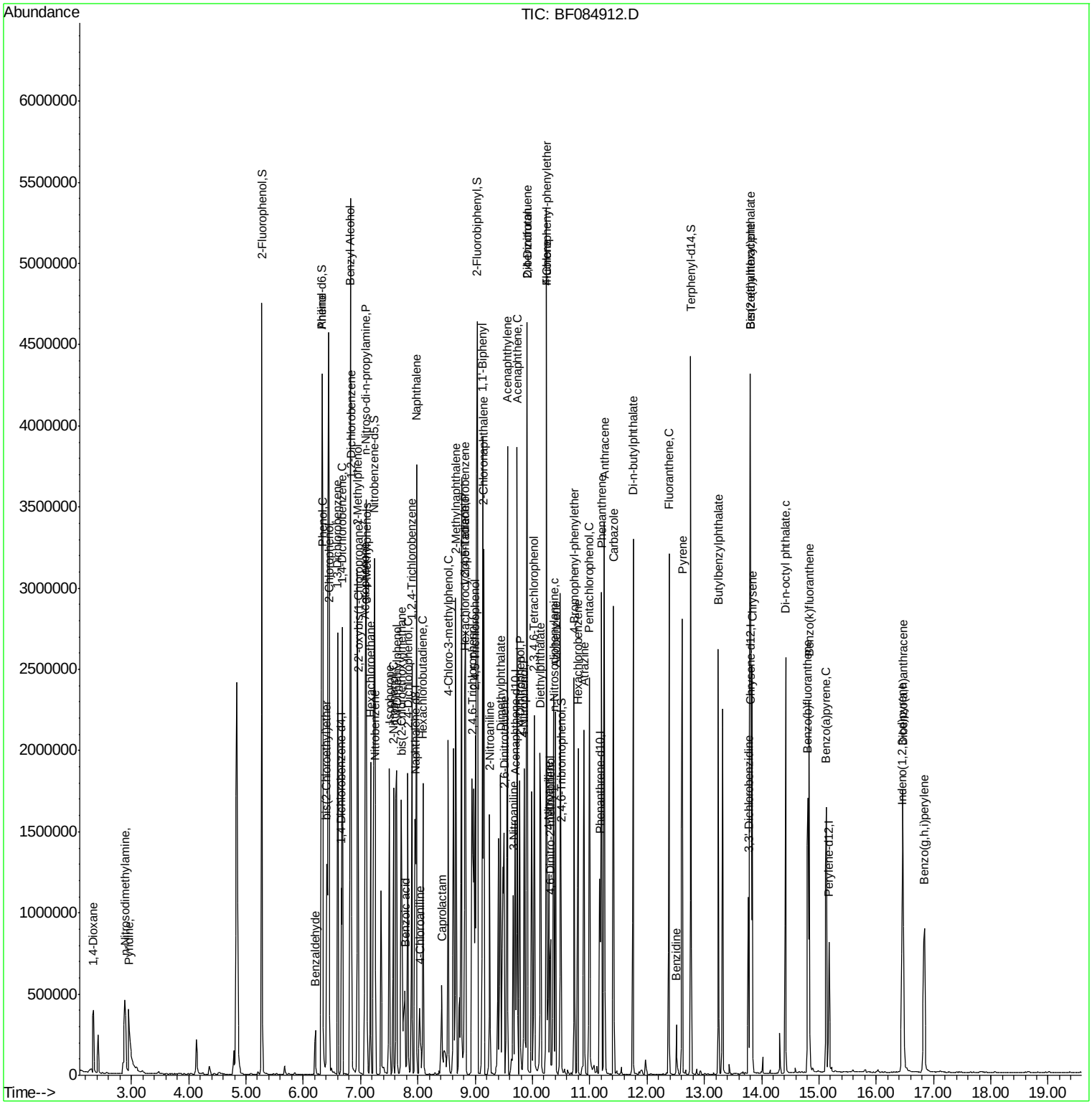
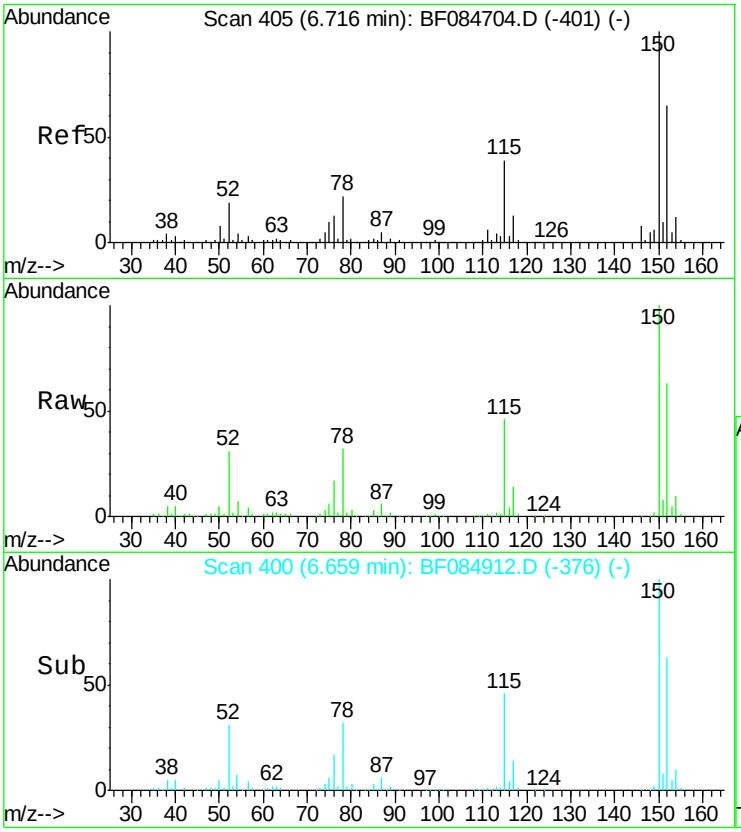
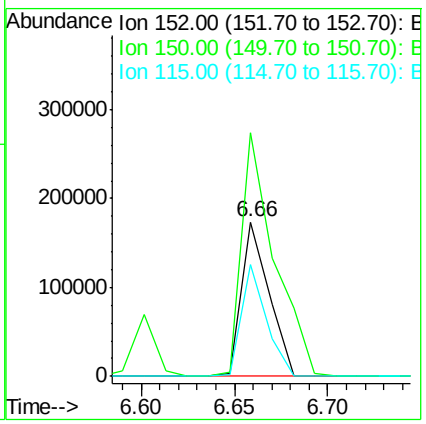




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:152 Resp: 177048

Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.0	184.4
115	72.2	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

Manual Integrations APPROVED
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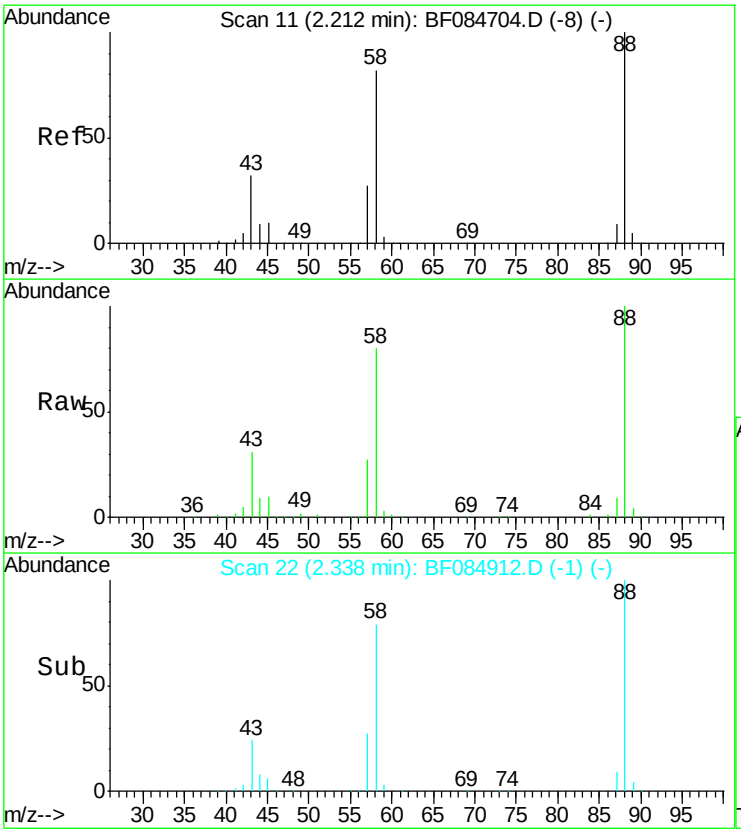
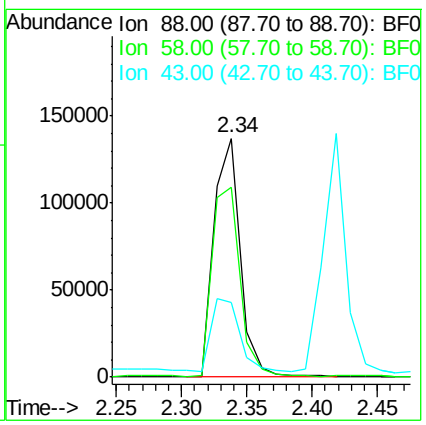
2/8/2016 3:04:35 PM

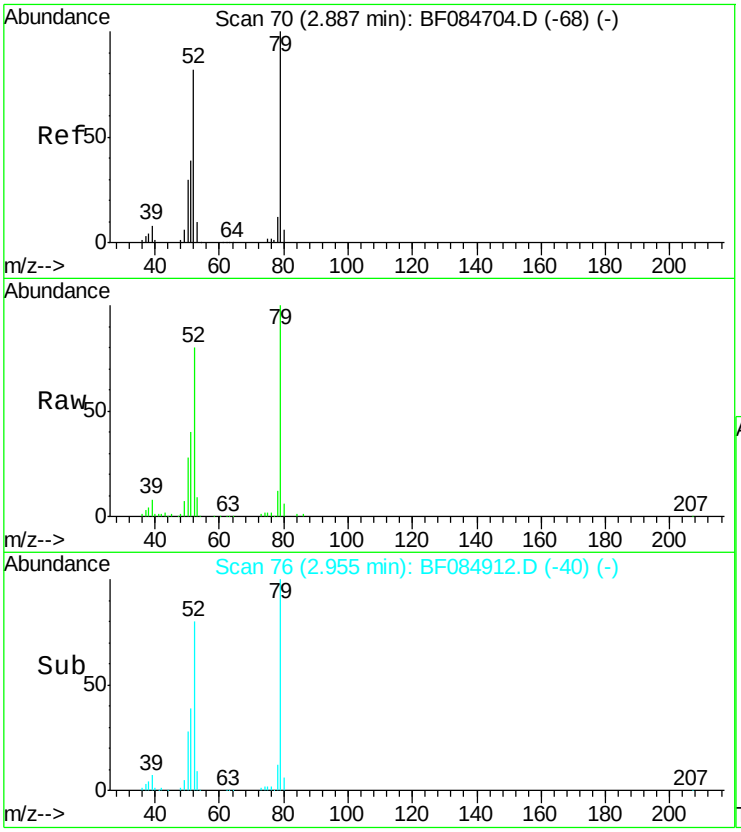


#2
1,4-Dioxane
Concen: 38.93 ng
RT: 2.34 min Scan# 22
Delta R.T. 0.16 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion: 88 Resp: 193830

Ion	Ratio	Lower	Upper
88	100		
58	83.8	51.2	76.8#
43	32.0	19.5	29.3#

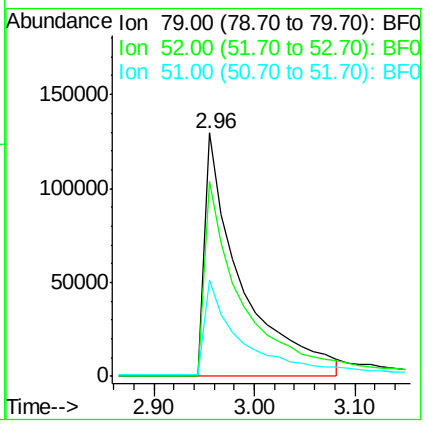




#3
Pyridine
Concen: 25.17 ng
RT: 2.96 min Scan# 76
Delta R.T. 0.11 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion: 79 Resp: 326519

Ion	Ratio	Lower	Upper
79	100		
52	80.1	49.0	73.4#
51	39.8	25.2	37.8#



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

Manual Integrations APPROVED
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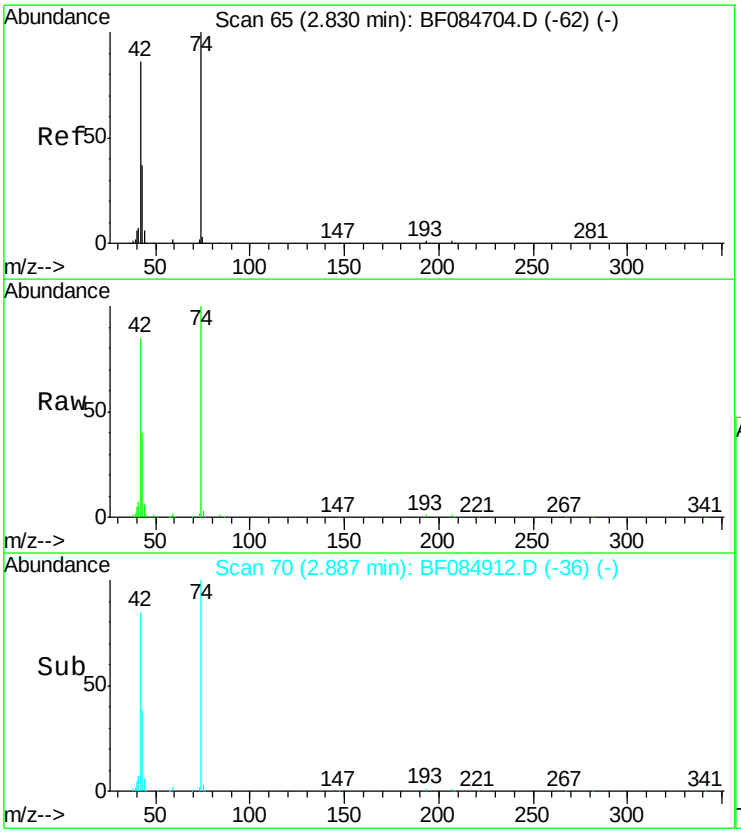
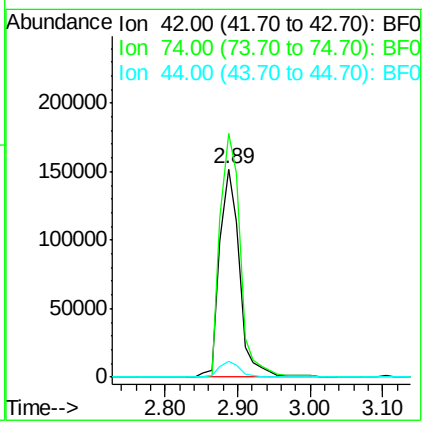
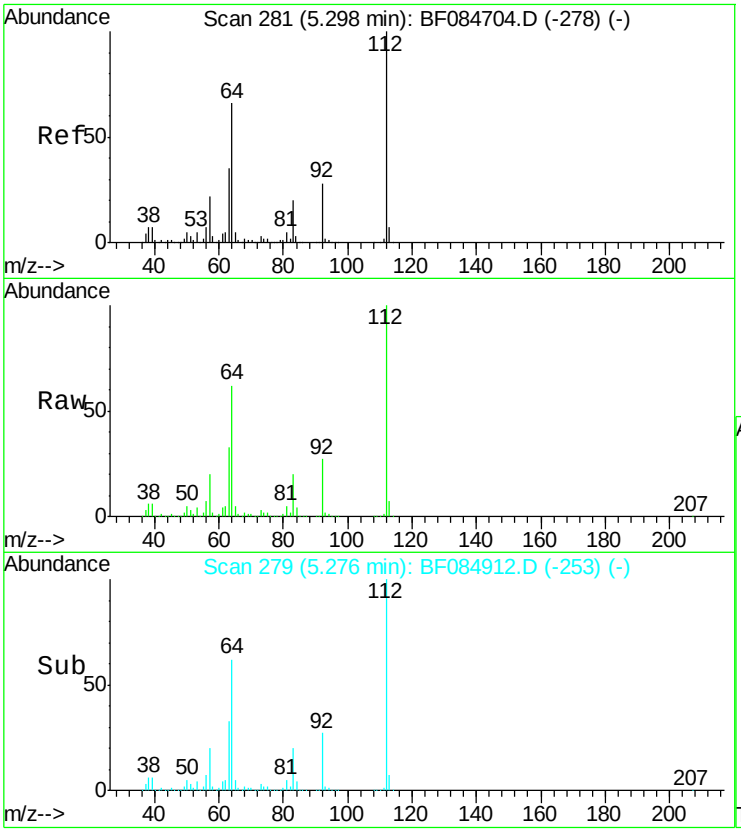


#4
n-Nitrosodimethylamine
Concen: 42.60 ng
RT: 2.89 min Scan# 70
Delta R.T. 0.09 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion: 42 Resp: 285836

Ion	Ratio	Lower	Upper
42	100		
74	117.1	115.7	173.5
44	7.4	5.1	7.7





#5
2-Fluorophenol
Concen: 123.68 ng
RT: 5.28 min Scan# 279
Delta R.T. -0.00 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:112 Resp: 1405861

Ion	Ratio	Lower	Upper
112	100		
64	61.5	36.6	55.0#
63	32.9	19.4	29.0#

Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

Manual Integrations APPROVED
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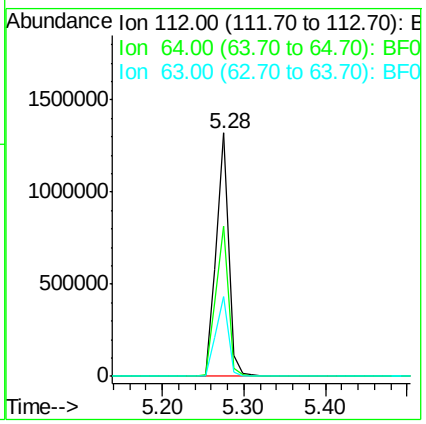
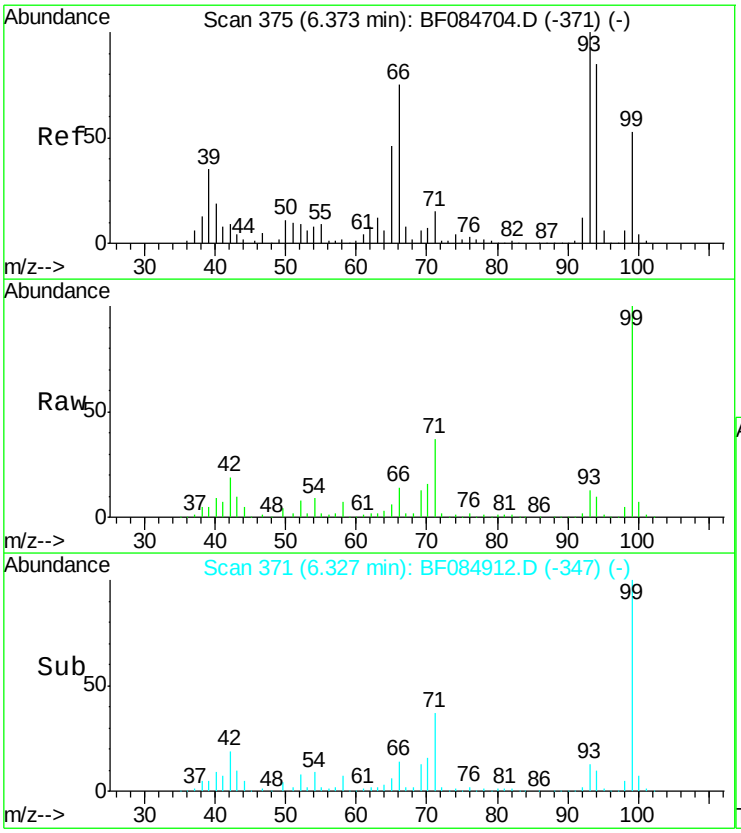
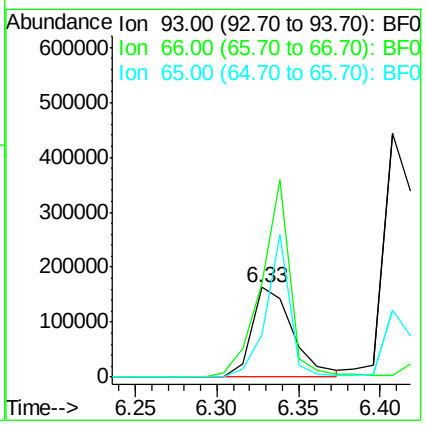


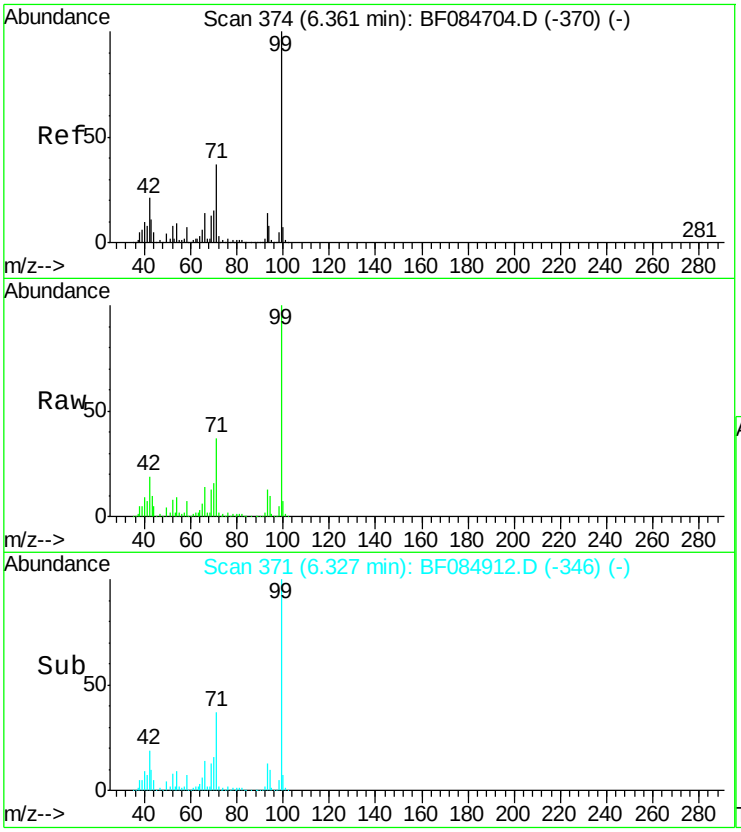


#6
Aniline
Concen: 16.54 ng
RT: 6.33 min Scan# 371
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion: 93 Resp: 285229

Ion	Ratio	Lower	Upper
93	100		
66	105.0	44.9	67.3#
65	47.2	23.7	35.5#

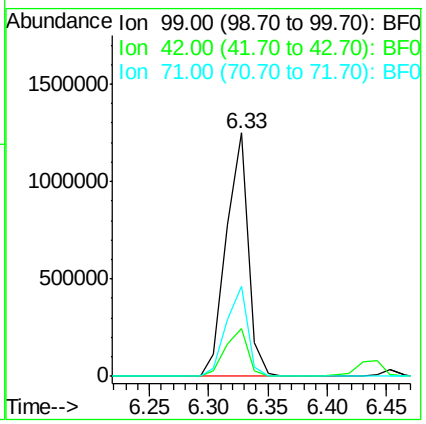




#7
Phenol-d6
Concen: 113.68 ng
RT: 6.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion: 99 Resp: 1601967

Ion	Ratio	Lower	Upper
99	100		
42	19.5	12.8	19.2#
71	36.9	30.9	46.3



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

Manual Integrations APPROVED
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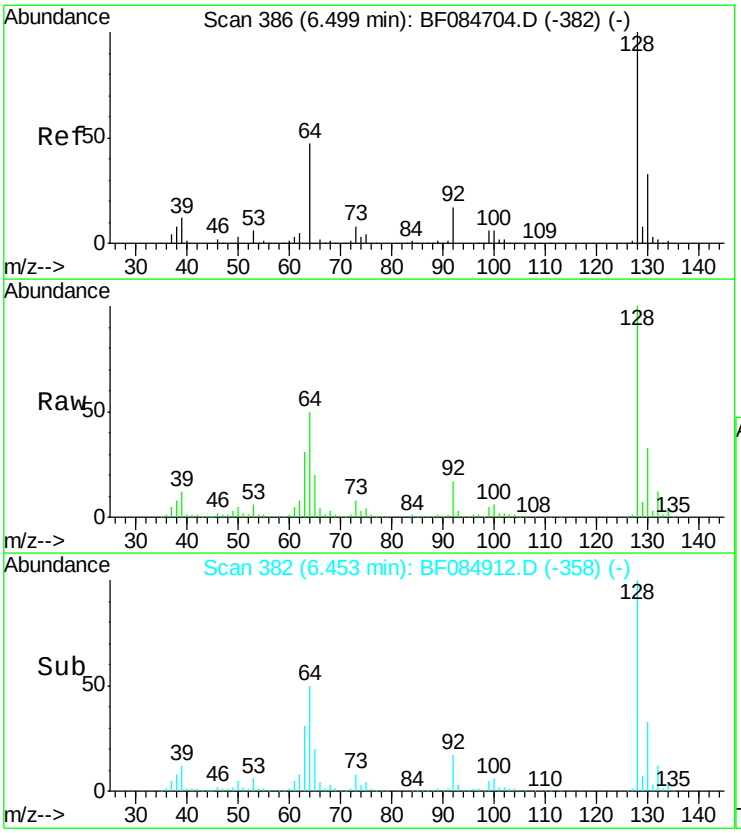
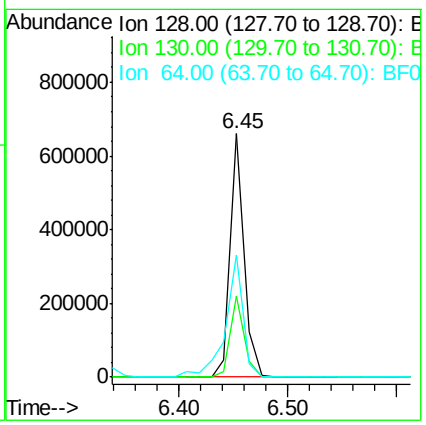
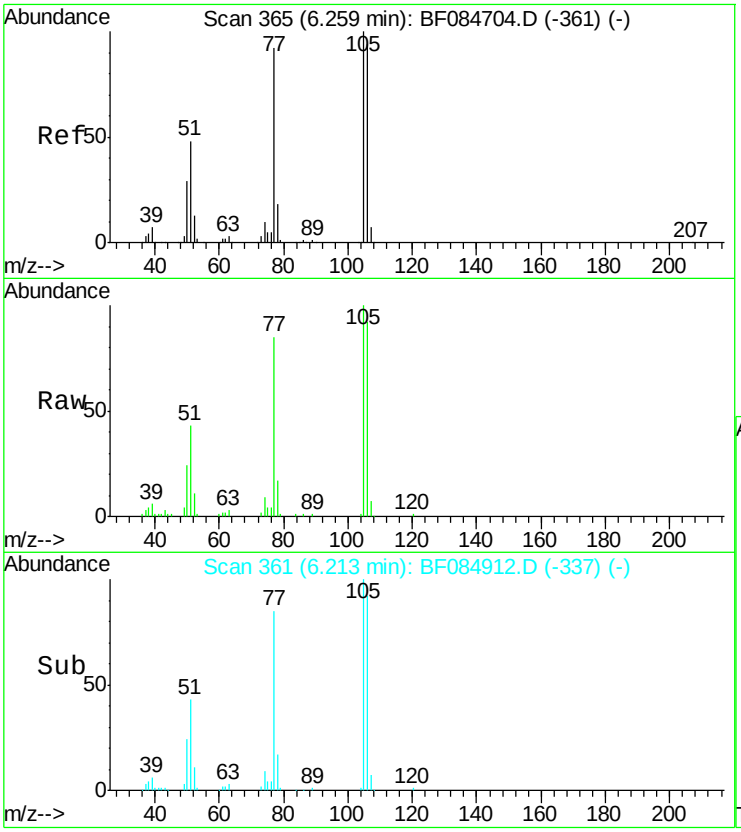


#8
2-Chlorophenol
Concen: 44.55 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:128 Resp: 573165

Ion	Ratio	Lower	Upper
128	100		
130	33.1	11.6	51.6
64	50.1	23.8	63.8

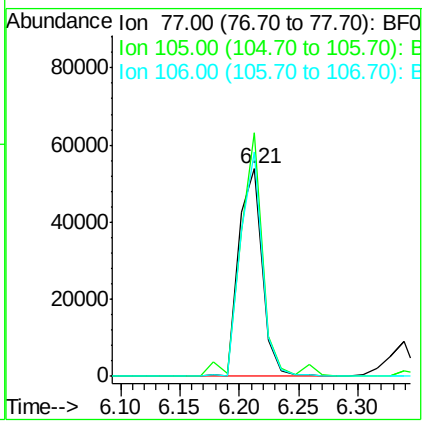




#9
Benzaldehyde
Concen: 8.96 ng
RT: 6.21 min Scan# 361
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion: 77 Resp: 74561

Ion	Ratio	Lower	Upper
77	100		
105	117.4	83.0	123.0
106	108.4	74.6	114.6



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

Manual Integrations APPROVED
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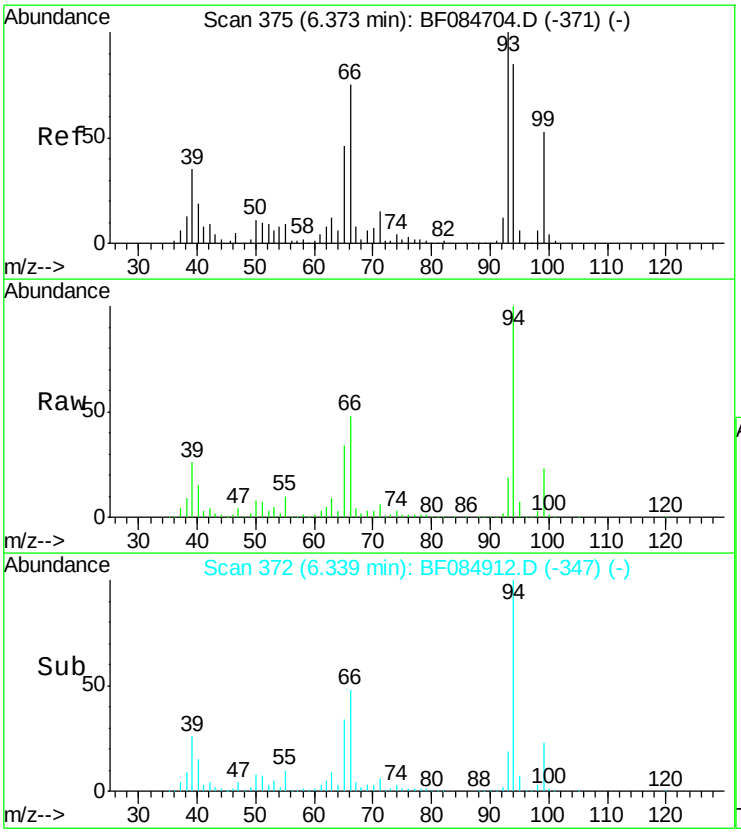
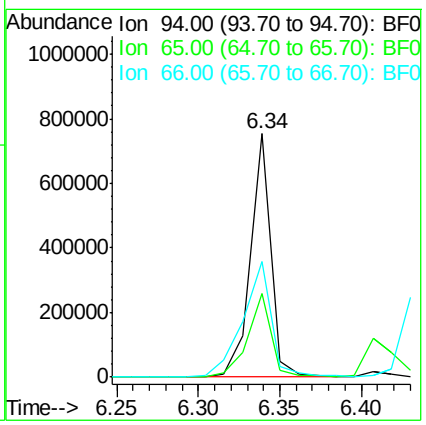
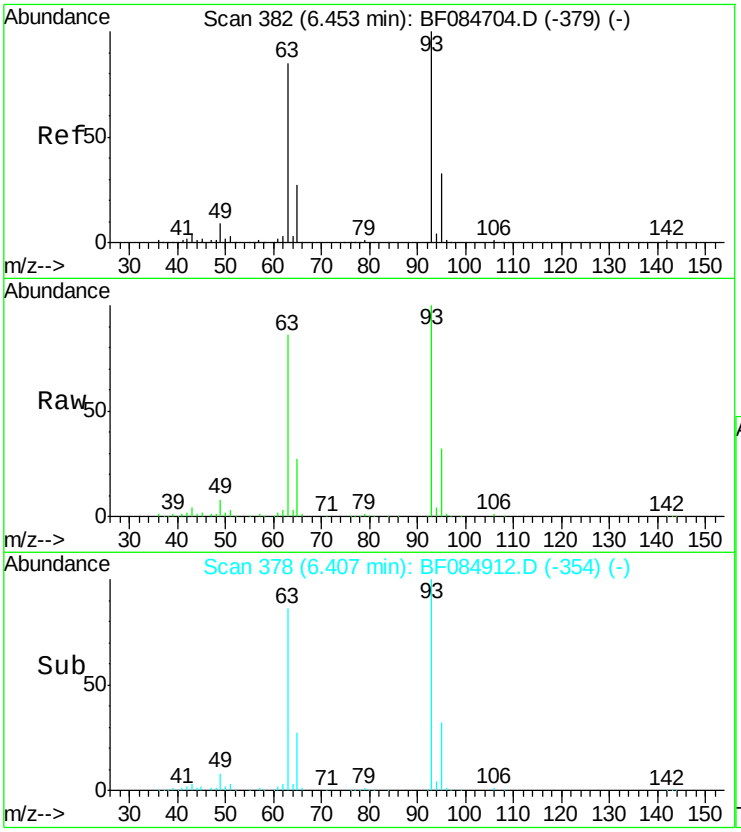


#10
Phenol
Concen: 41.56 ng
RT: 6.34 min Scan# 372
Delta R.T. -0.01 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion: 94 Resp: 656096

Ion	Ratio	Lower	Upper
94	100		
65	34.3	12.9	52.9
66	47.6	32.7	72.7

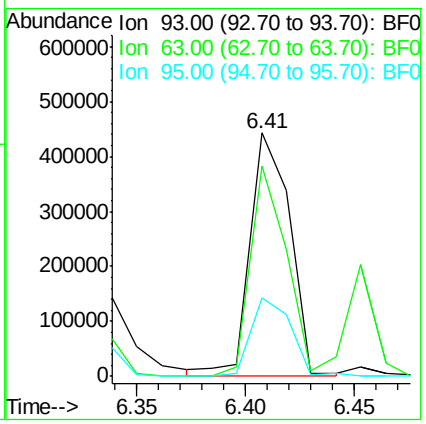




#11
bis(2-Chloroethyl)ether
Concen: 46.08 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion: 93 Resp: 567194

Ion	Ratio	Lower	Upper
93	100		
63	86.3	45.9	85.9#
95	32.3	12.3	52.3



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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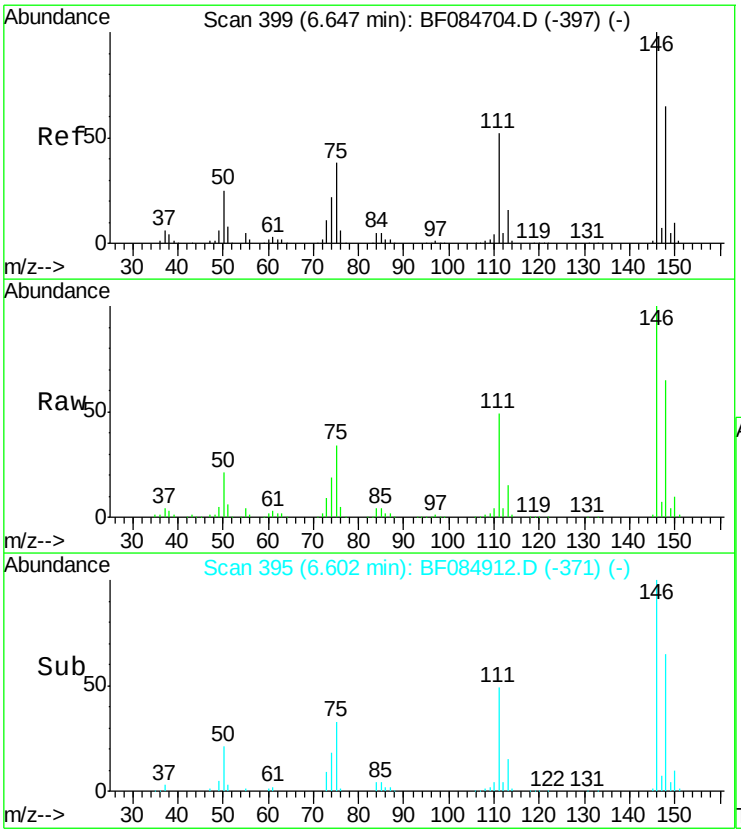
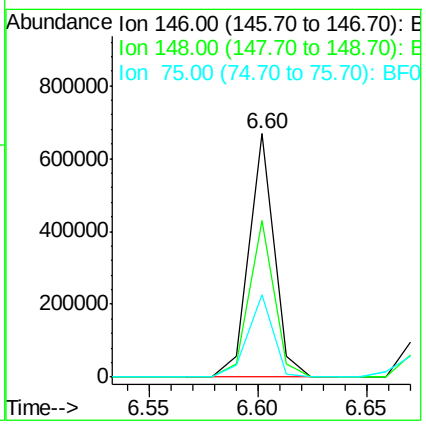
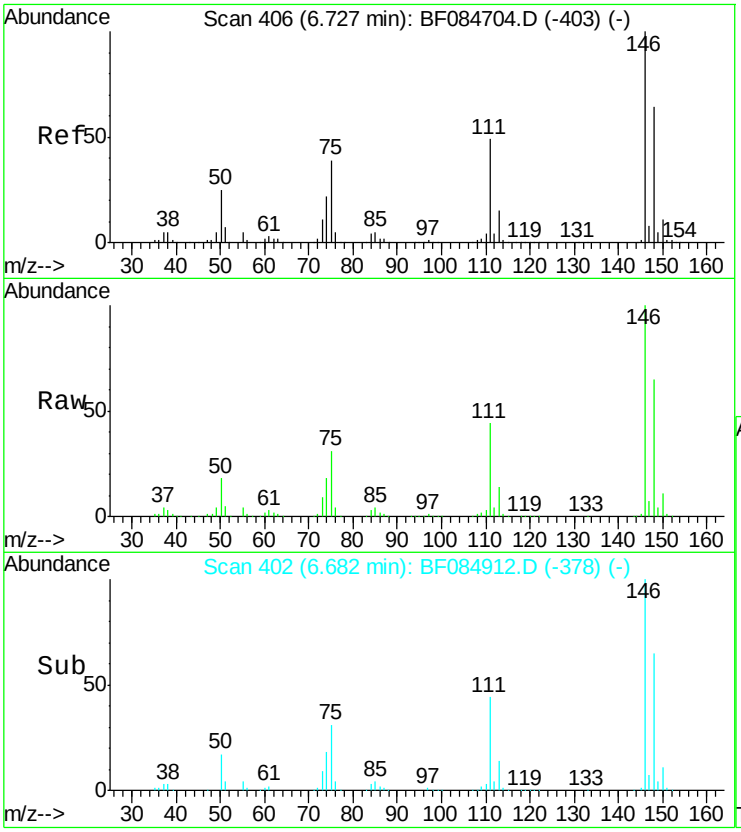


#12
1,3-Dichlorobenzene
Concen: 39.59 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:146 Resp: 538148

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
75	33.8	20.5	30.7#

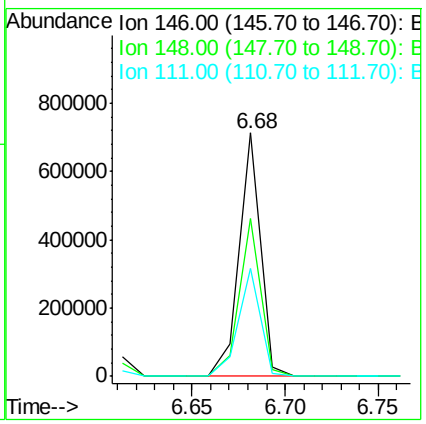




#13
1,4-Dichlorobenzene
Concen: 42.31 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:146 Resp: 574907

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
111	44.3	41.6	62.4



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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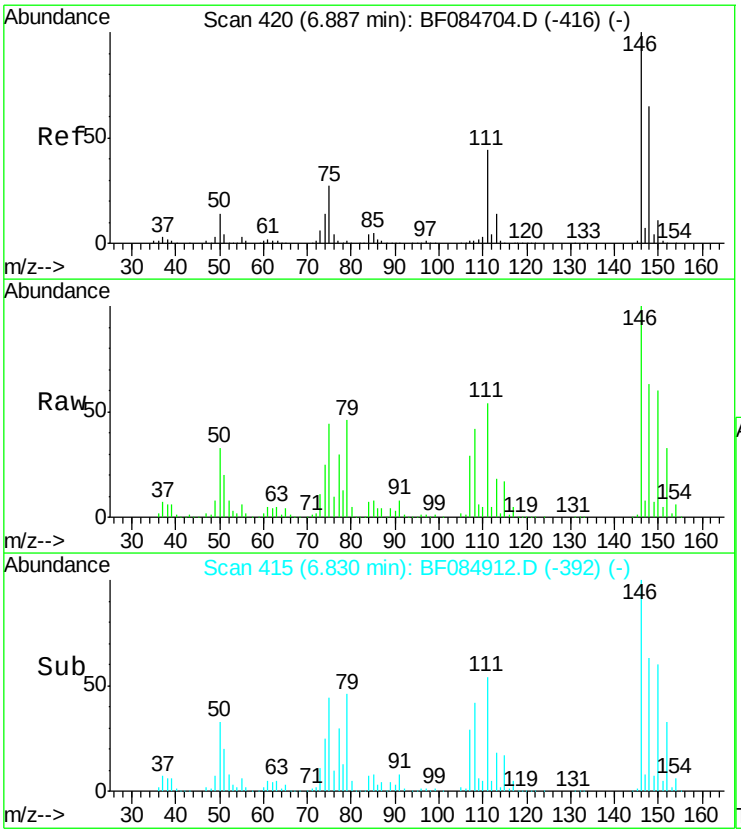
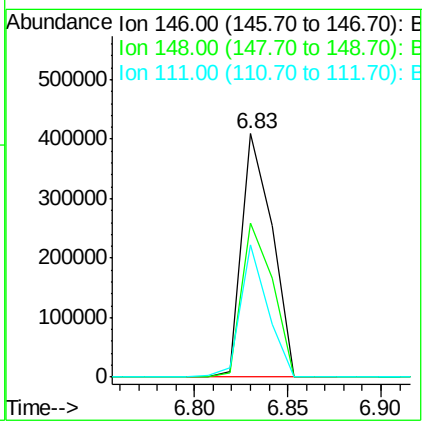
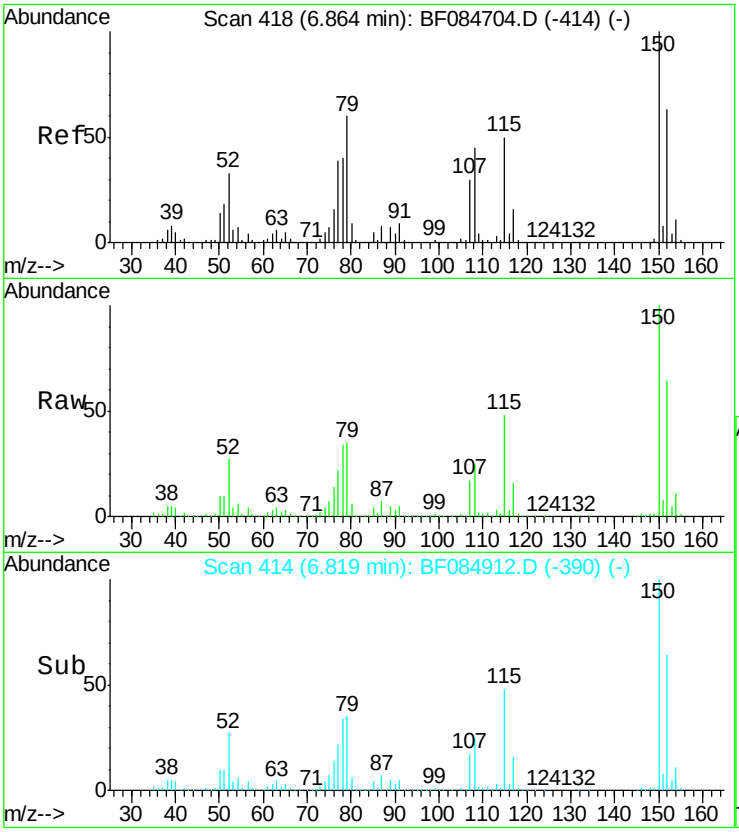


#14
1,2-Dichlorobenzene
Concen: 36.60 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:146 Resp: 463228

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.6	77.4
111	54.3	38.0	57.0





#15
Benzyl Alcohol
Concen: 46.04 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion: 79 Resp: 448039

Ion	Ratio	Lower	Upper
79	100		
108	72.3	69.0	103.4
77	64.3	50.0	75.0

Instrument :
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ClientSampleId :
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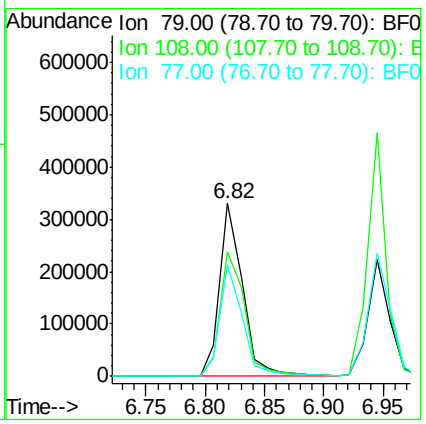
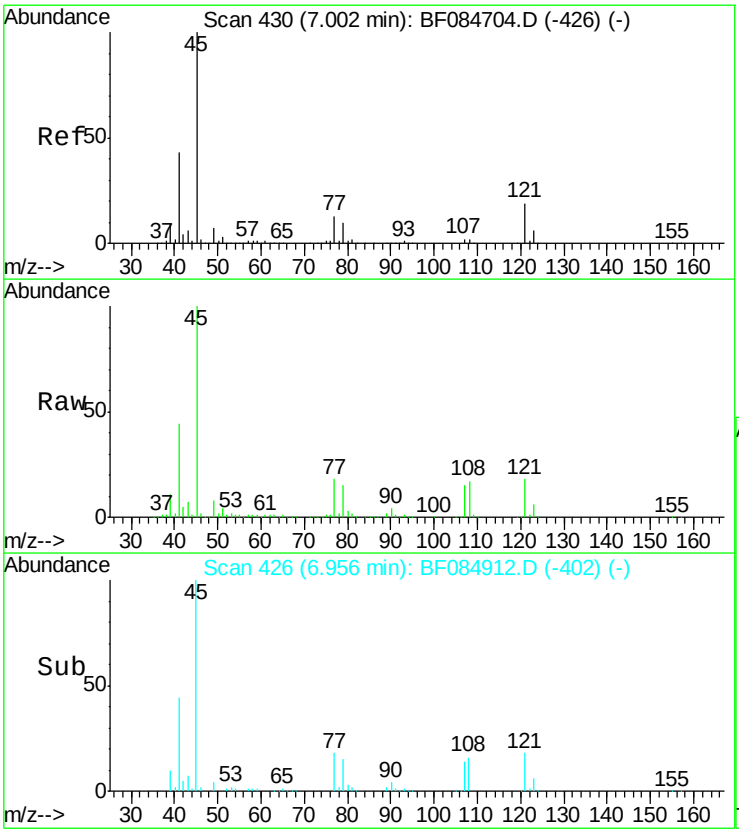
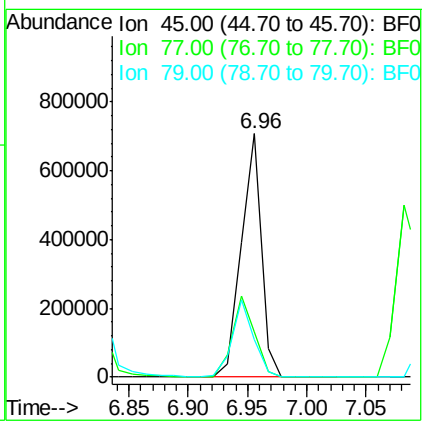


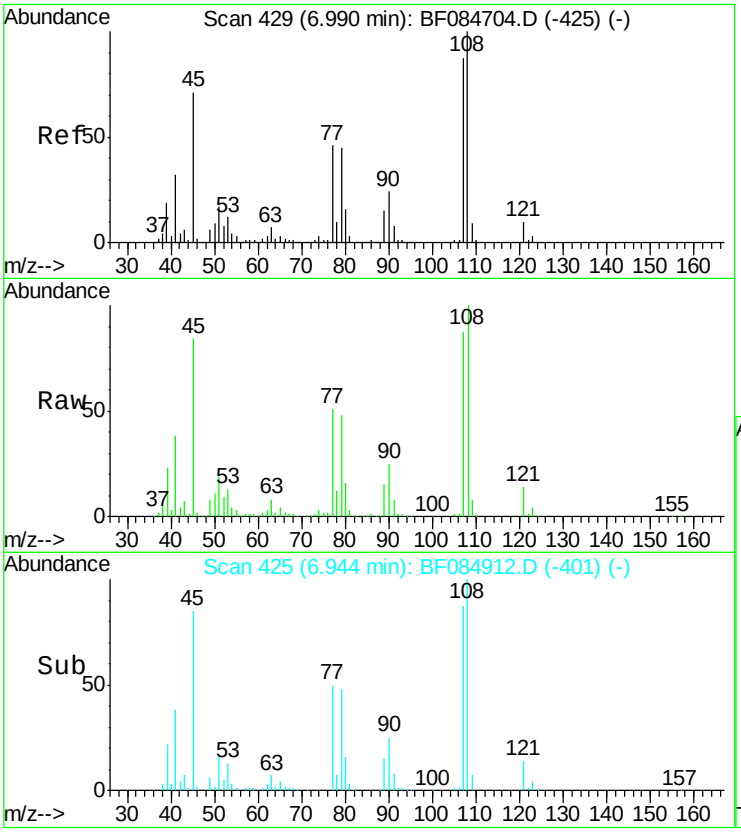


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.57 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion: 45 Resp: 840162

Ion	Ratio	Lower	Upper
45	100		
77	18.4	0.0	39.6
79	15.4	0.0	35.0

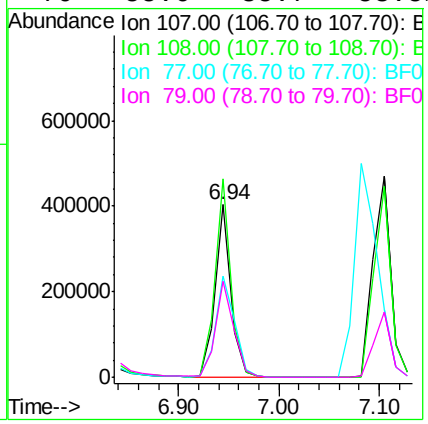




#17
2-Methylphenol
Concen: 43.40 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:107 Resp: 441622

Ion	Ratio	Lower	Upper
107	100		
108	115.3	89.8	134.6
77	58.4	35.7	53.5#
79	55.6	35.7	53.5#



Instrument :
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ClientSampleId :
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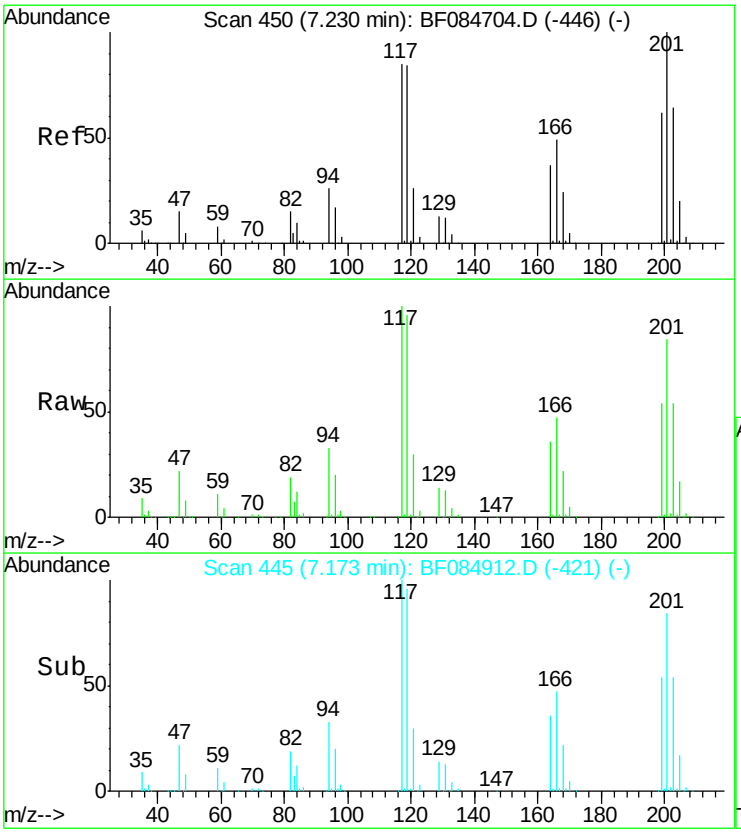
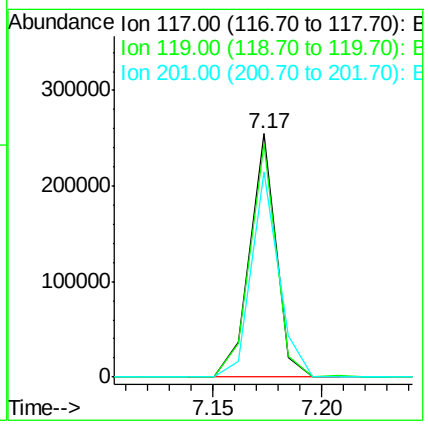
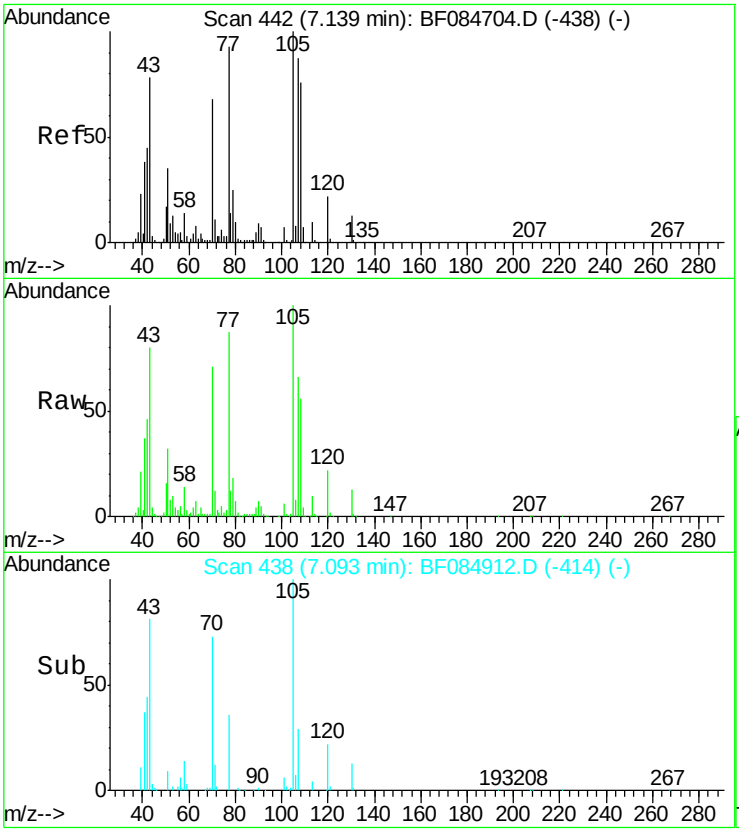


#18
Hexachloroethane
Concen: 40.97 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:117 Resp: 214414

Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.0
201	84.2	68.6	103.0

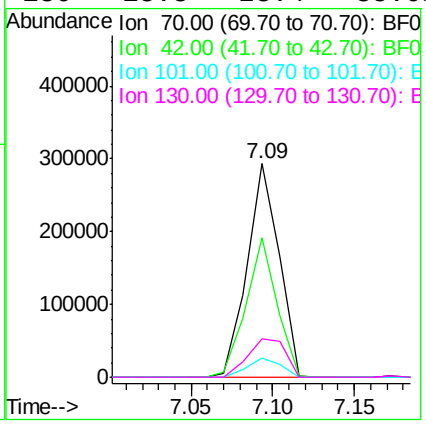




#19
n-Nitroso-di-n-propylamine
Concen: 44.87 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion: 70 Resp: 396330

Ion	Ratio	Lower	Upper
70	100		
42	65.3	33.3	49.9#
101	8.9	9.3	13.9#
130	18.3	23.4	35.0#



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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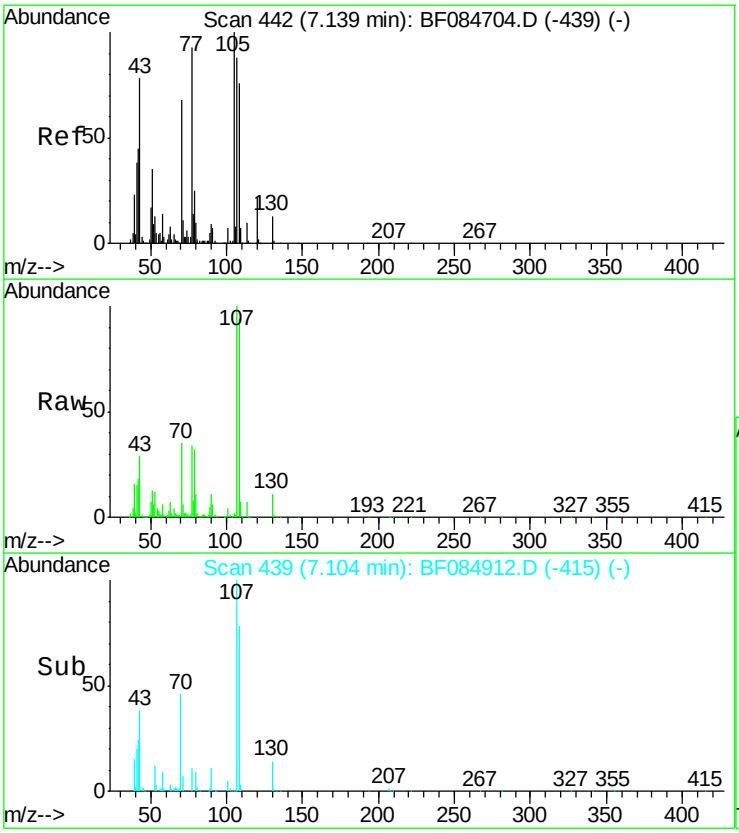
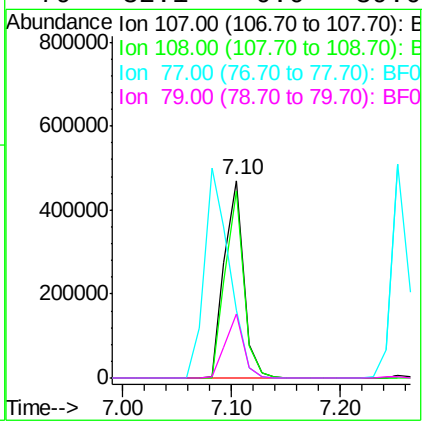
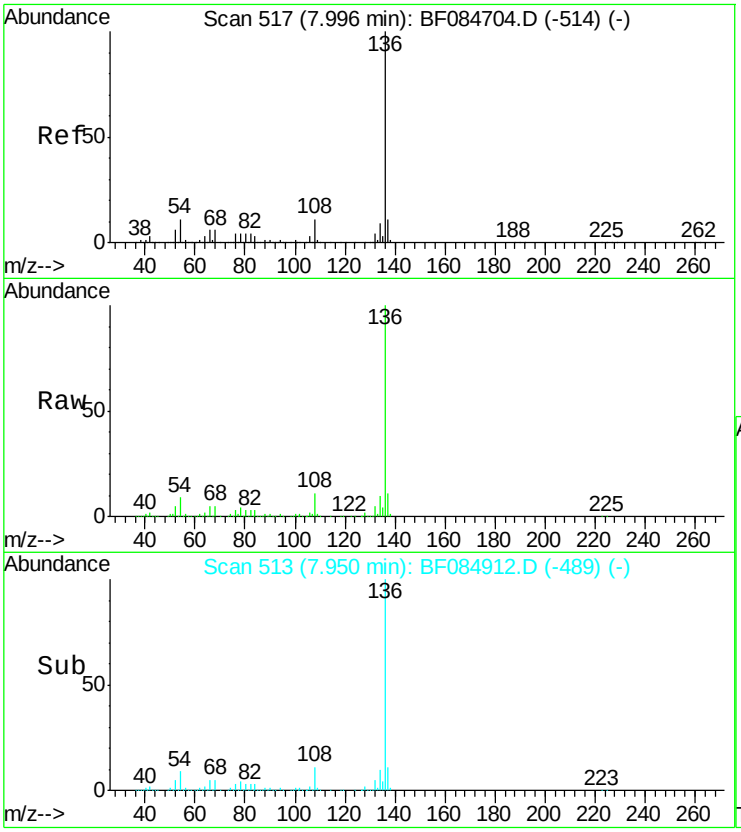


#20
3+4-Methylphenols
Concen: 46.05 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:107 Resp: 581649

Ion	Ratio	Lower	Upper
107	100		
108	94.5	74.6	114.6
77	34.0	0.7	40.7
79	32.1	0.0	39.0

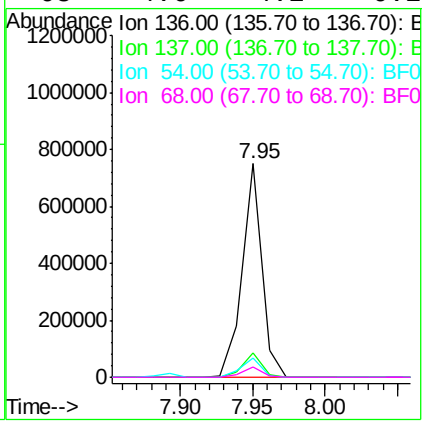




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:136 Resp: 706084

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	8.8	5.8	8.8#
68	4.6	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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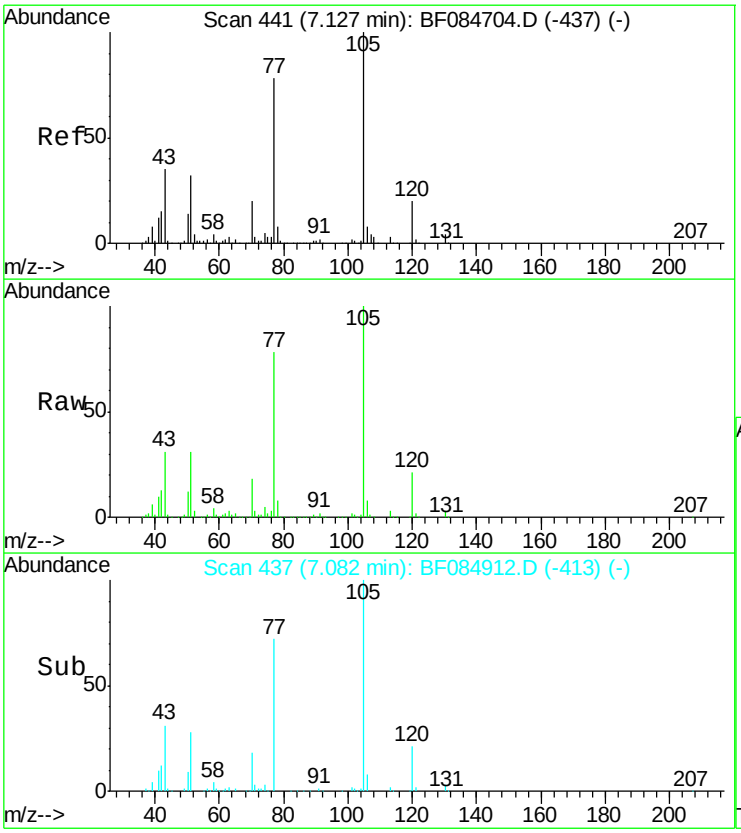
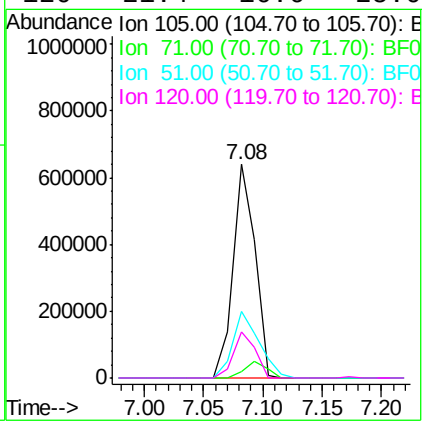
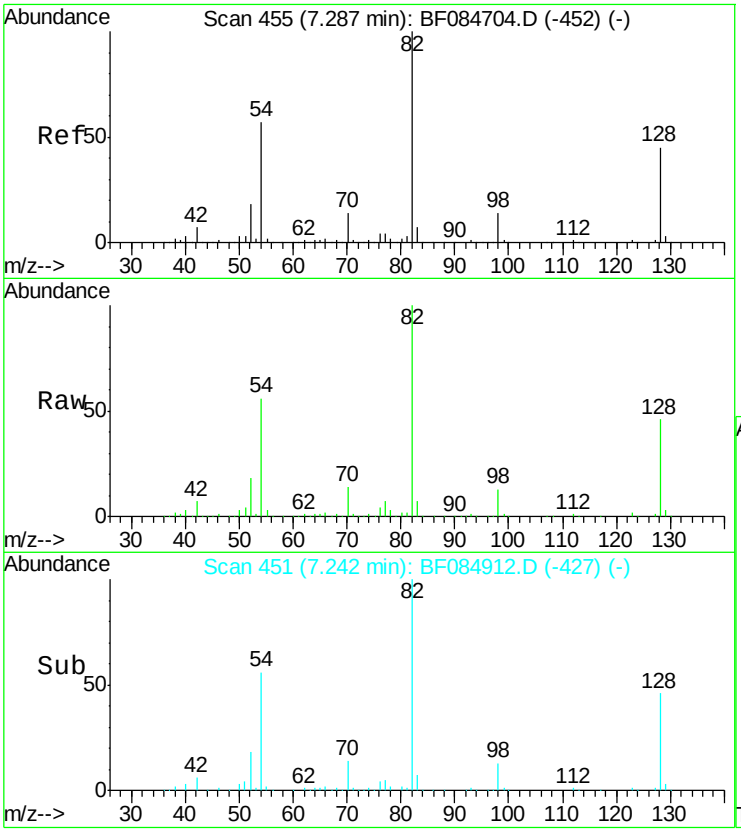


#22
Acetophenone
Concen: 44.35 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:105 Resp: 825339

Ion	Ratio	Lower	Upper
105	100		
71	2.9	3.7	5.5#
51	30.9	25.1	37.7
120	21.4	16.6	25.0

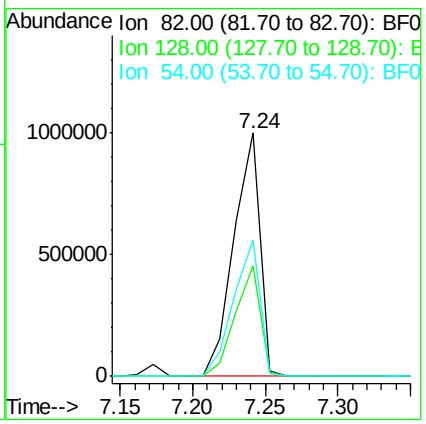




#23
Nitrobenzene-d5
Concen: 99.89 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion: 82 Resp: 1252036

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	51.8
54	56.1	38.4	57.6



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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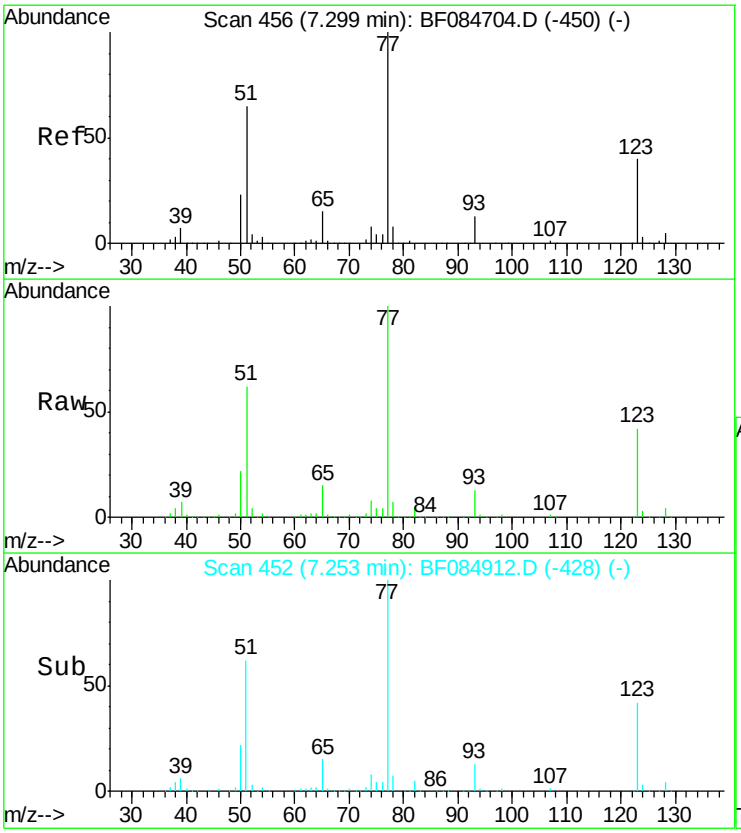
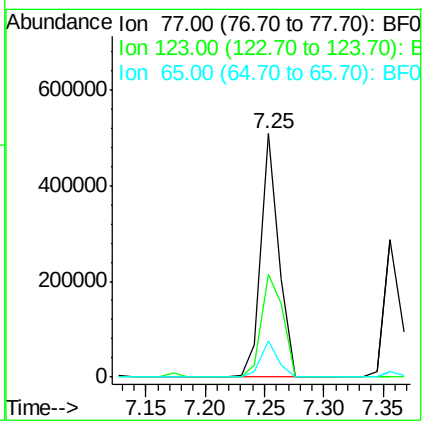
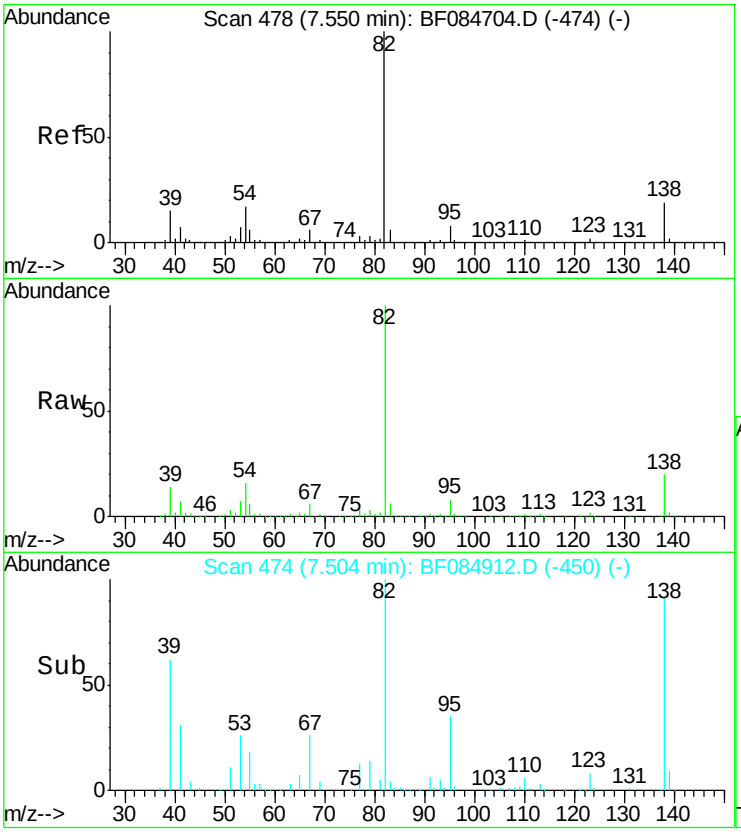


#24
Nitrobenzene
Concen: 40.25 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion: 77 Resp: 540190

Ion	Ratio	Lower	Upper
77	100		
123	42.2	37.4	56.2
65	14.7	10.9	16.3

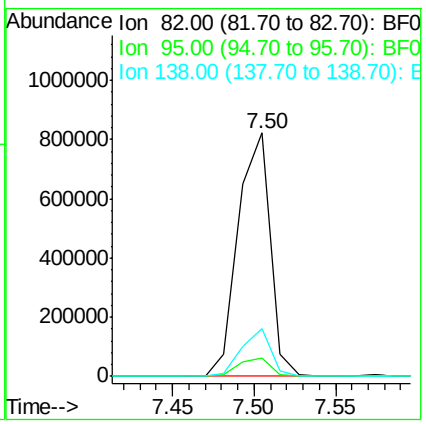




#25
Isophorone
Concen: 45.98 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion: 82 Resp: 1120698

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.6	10.0
138	19.8	13.6	20.4



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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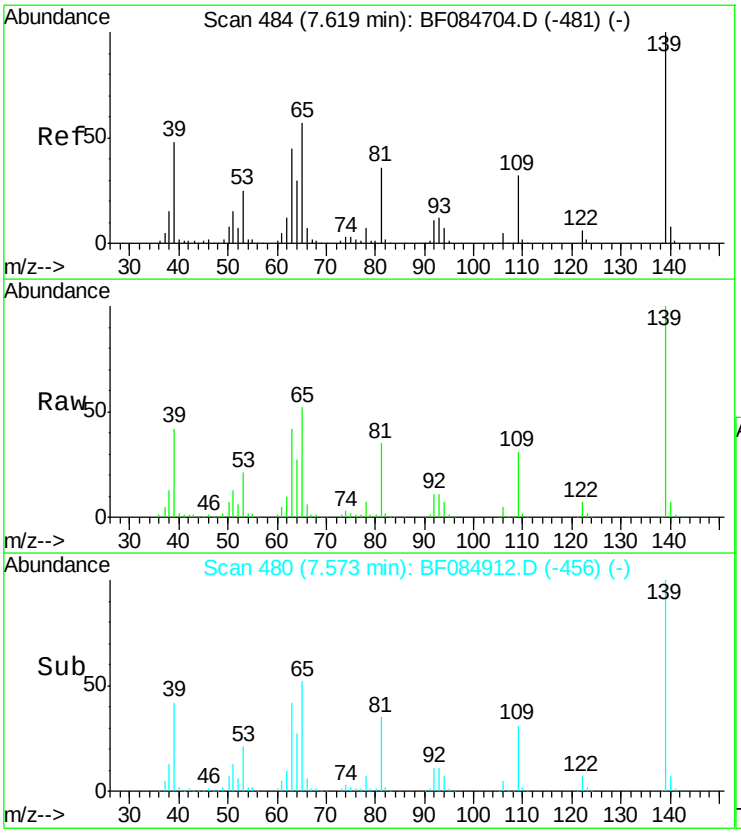
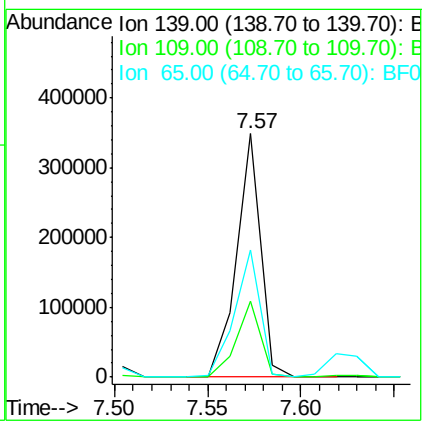
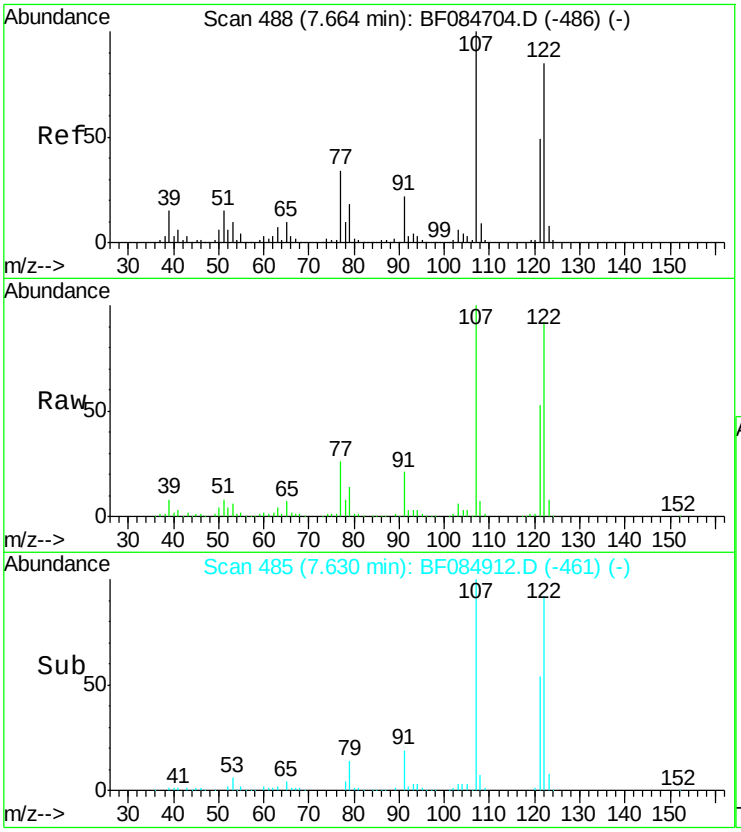


#26
2-Nitrophenol
Concen: 47.67 ng
RT: 7.57 min Scan# 480
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:139 Resp: 315573

Ion	Ratio	Lower	Upper
139	100		
109	31.1	25.4	38.2
65	52.0	32.3	48.5#

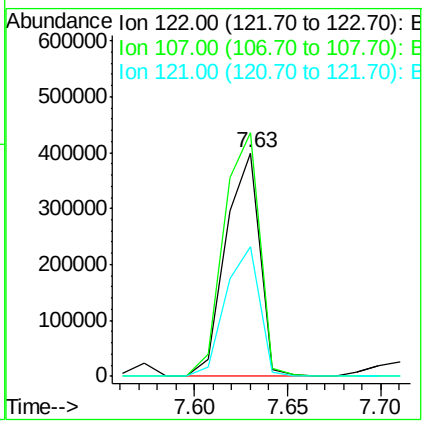




#27
2,4-Dimethylphenol
Concen: 44.22 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:122 Resp: 509178

Ion	Ratio	Lower	Upper
122	100		
107	109.0	99.1	148.7
121	58.3	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
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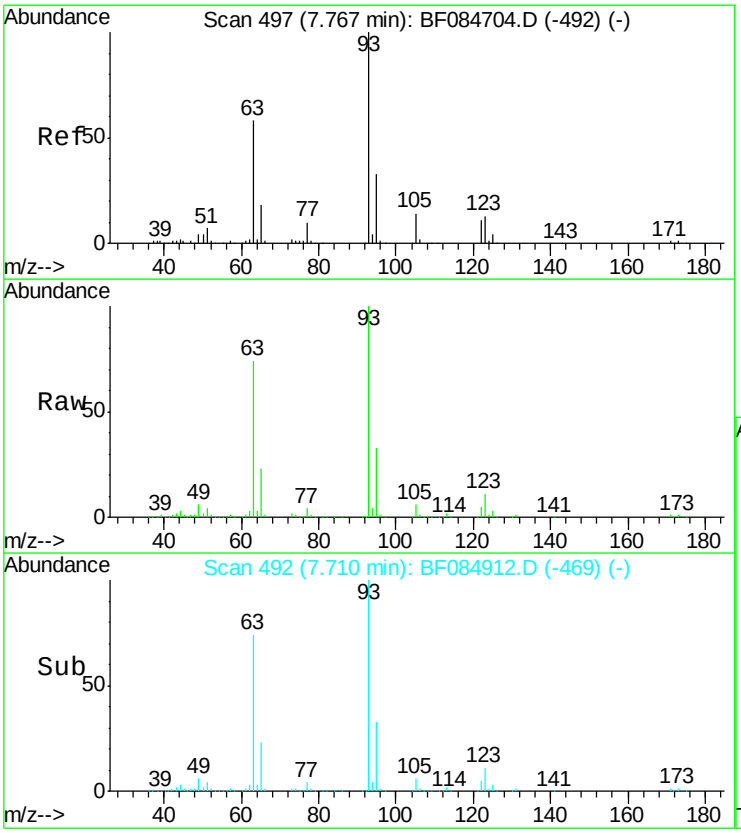
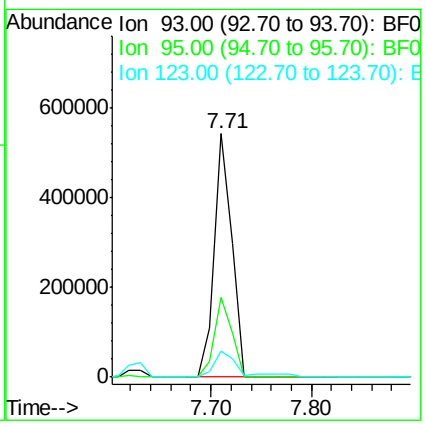
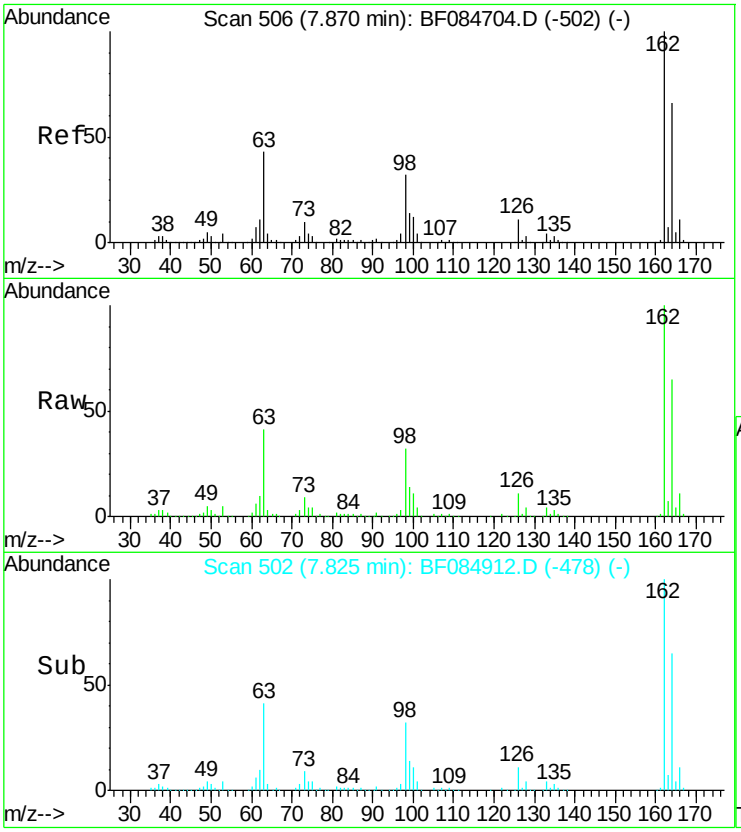


#28
bis(2-Chloroethoxy)methane
Concen: 45.47 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion: 93 Resp: 657500

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.8	38.6
123	10.6	8.6	12.8

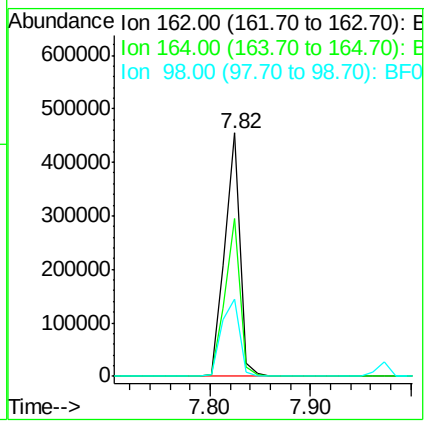




#29
2,4-Dichlorophenol
Concen: 48.75 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:162 Resp: 480273

Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.1	84.1
98	31.5	20.2	60.2



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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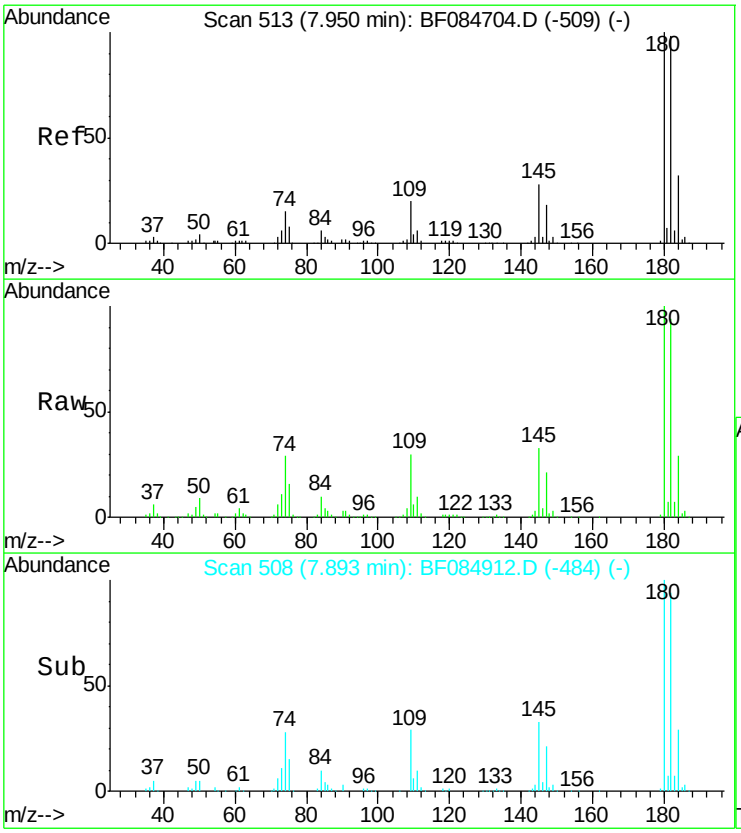
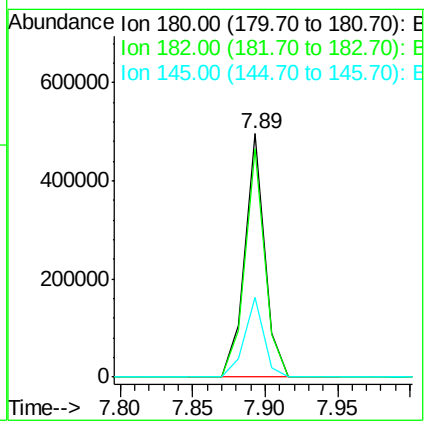
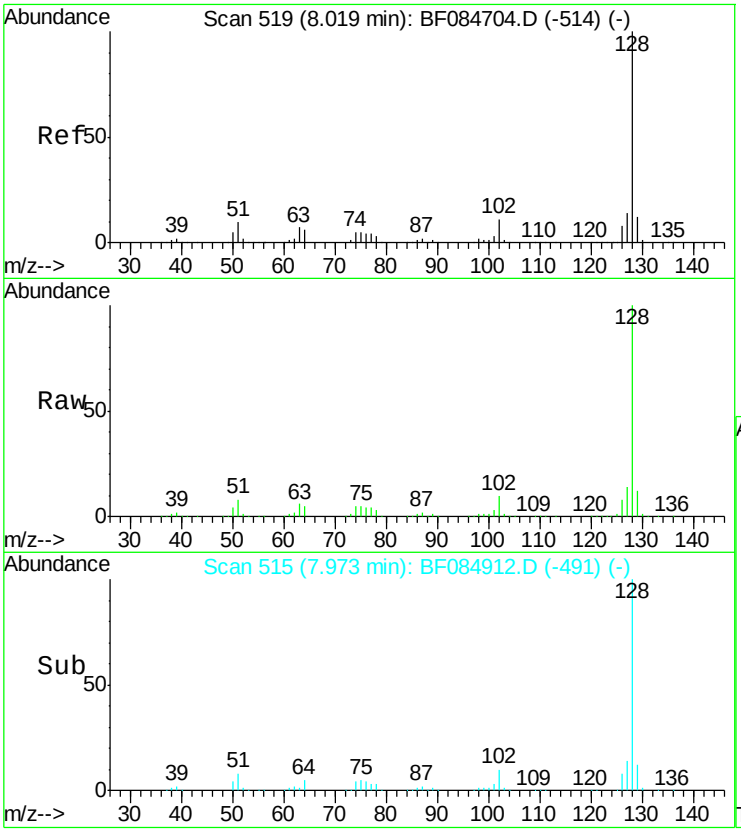


#30
1,2,4-Trichlorobenzene
Concen: 42.62 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:180 Resp: 474260

Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.4	114.6
145	32.6	31.6	47.4

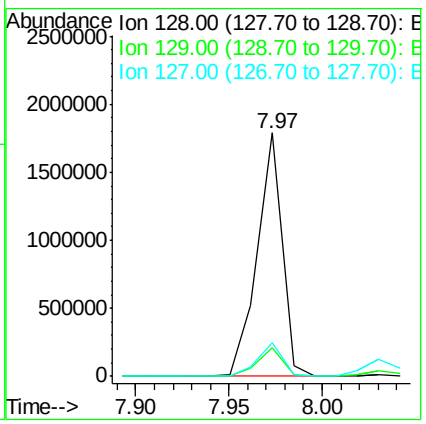




#31
Naphthalene
Concen: 46.57 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:128 Resp: 1649514

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	14.0	11.1	16.7



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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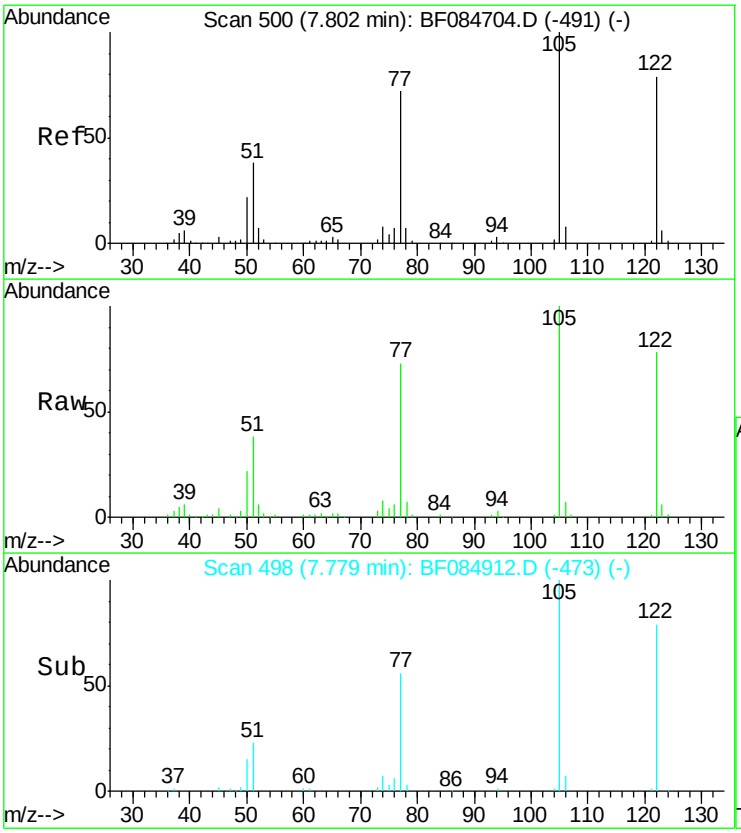
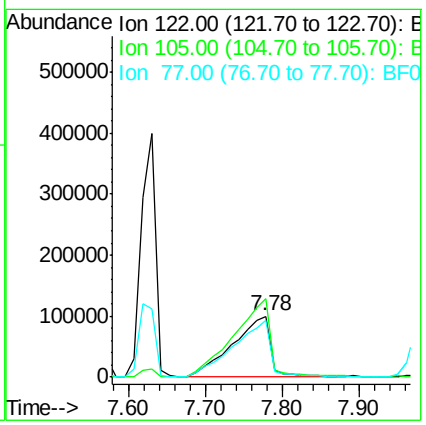
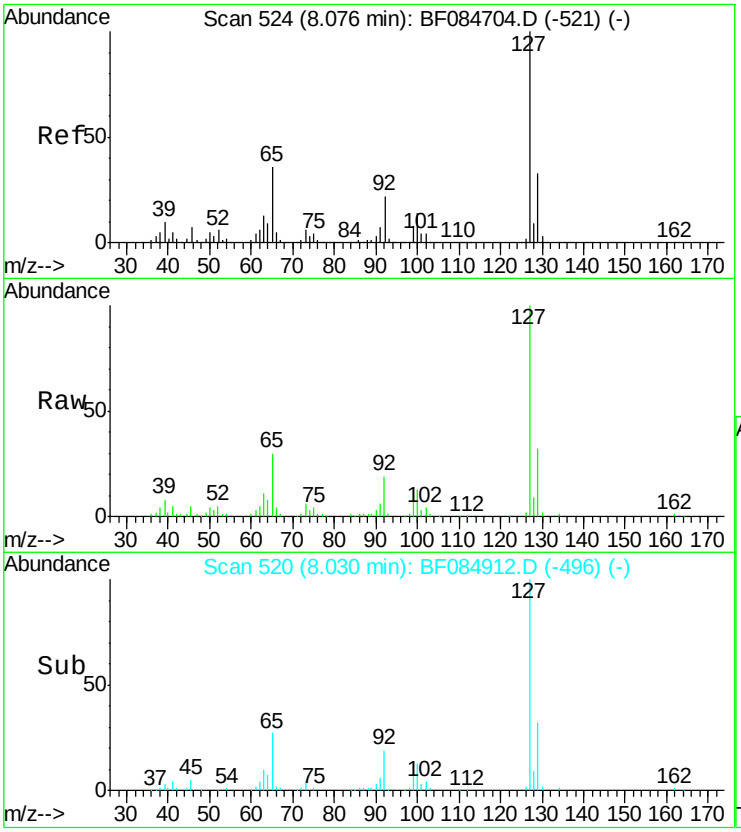


#32
Benzoic acid
Concen: 45.58 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:122 Resp: 335662

Ion	Ratio	Lower	Upper
122	100		
105	128.0	100.3	140.3
77	93.3	63.5	103.5

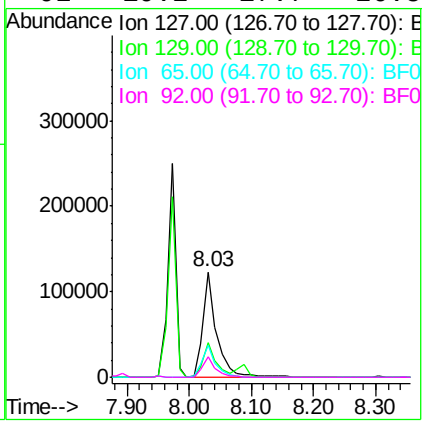




#33
4-Chloroaniline
Concen: 13.07 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:127 Resp: 191438

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	29.8	27.2	40.8
92	19.2	17.7	26.5



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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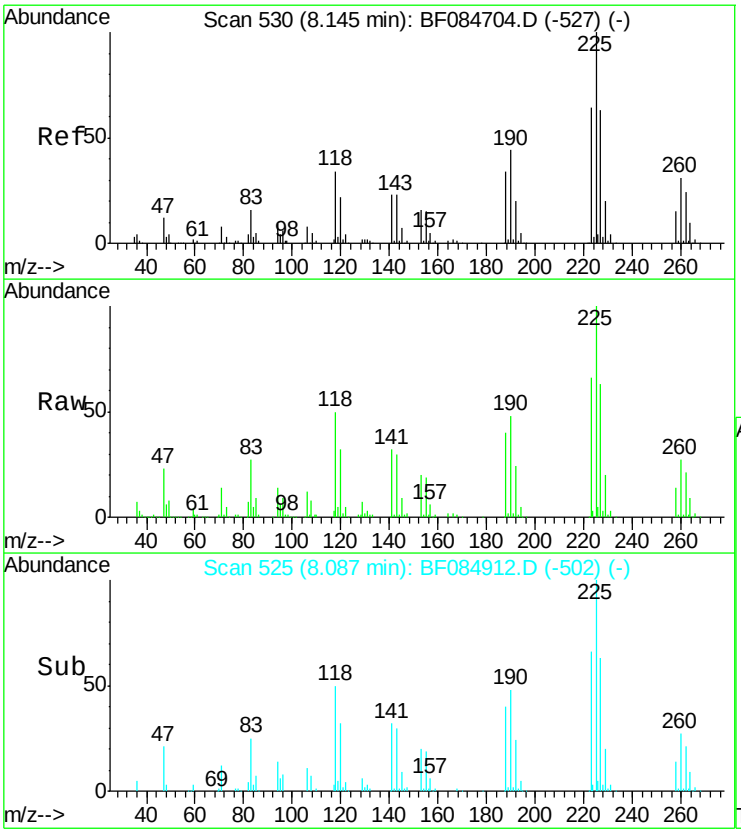
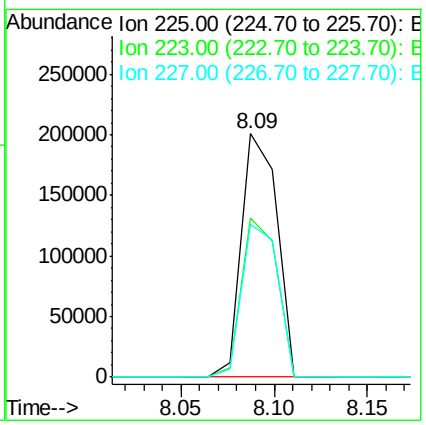
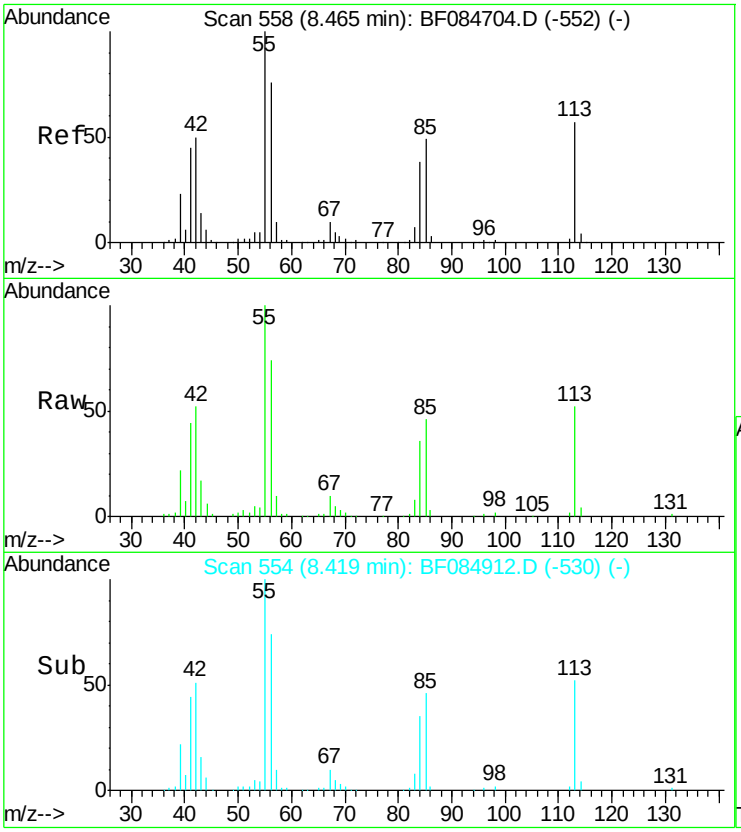


#34
Hexachlorobutadiene
Concen: 41.12 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:225 Resp: 263818

Ion	Ratio	Lower	Upper
225	100		
223	65.5	49.4	74.0
227	62.7	50.8	76.2

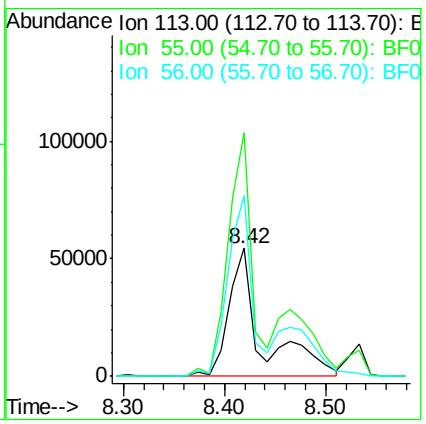




#35
Caprolactam
Concen: 40.75 ng m
RT: 8.42 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:113 Resp: 123733

Ion	Ratio	Lower	Upper
113	100		
55	190.5	116.9	156.9#
56	141.6	93.8	133.8#



Instrument :
BNA_F
ClientSampleId :
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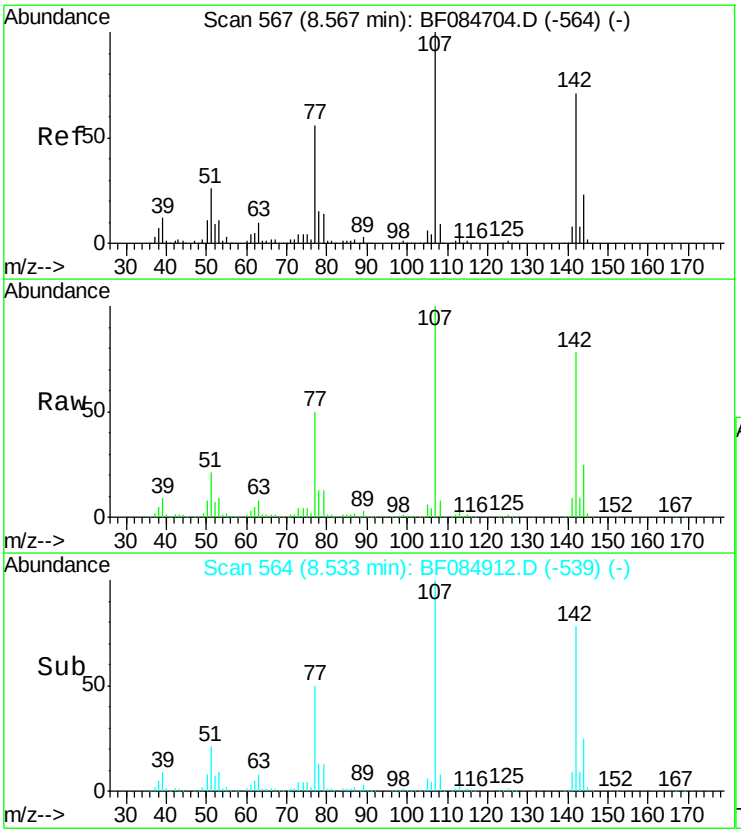
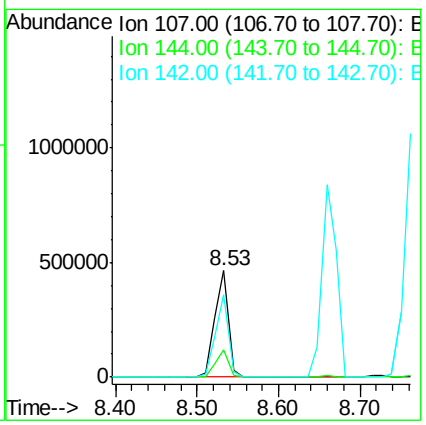
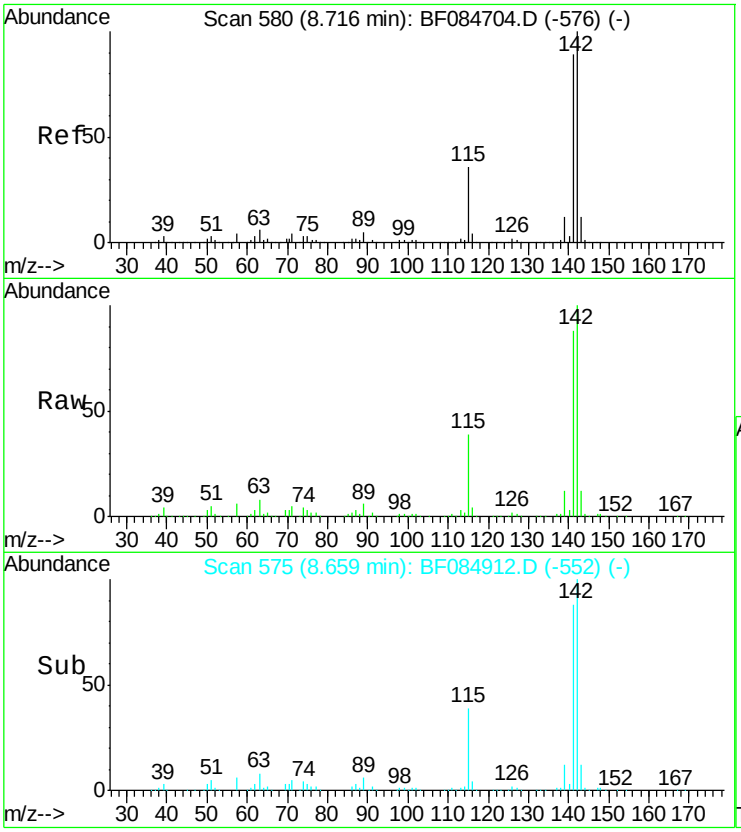


#36
4-Chloro-3-methylphenol
Concen: 47.60 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:107 Resp: 535043

Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.7	29.5
142	77.9	61.8	92.6

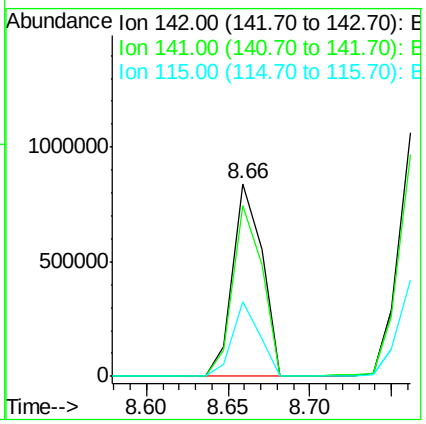




#37
2-Methylnaphthalene
Concen: 47.29 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:142 Resp: 1048240

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.4	108.6
115	38.8	27.9	41.9



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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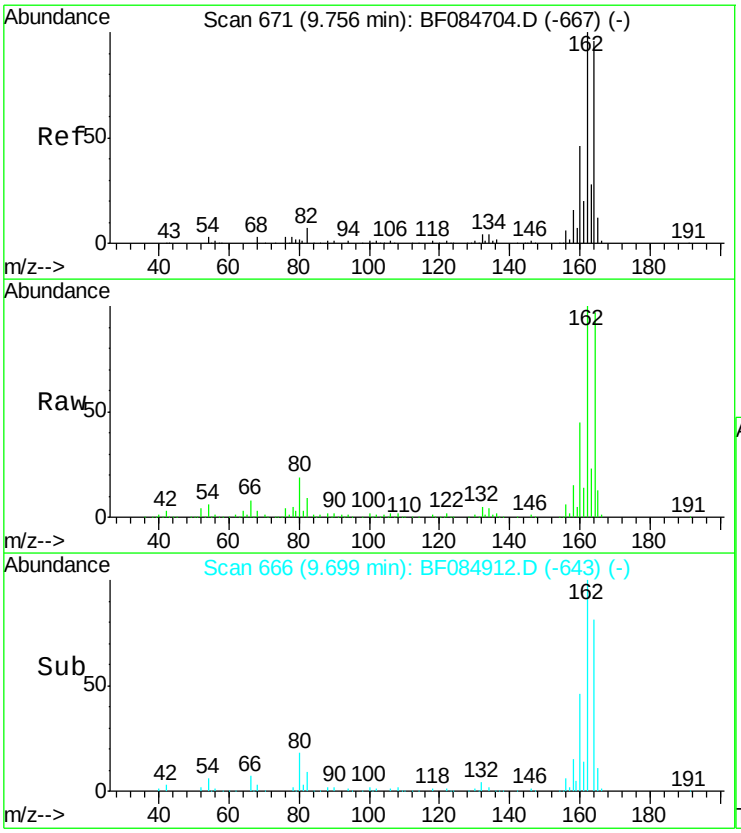
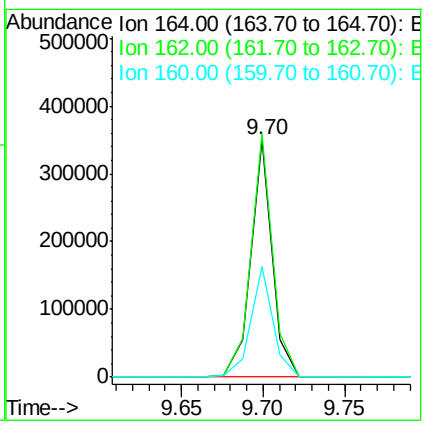
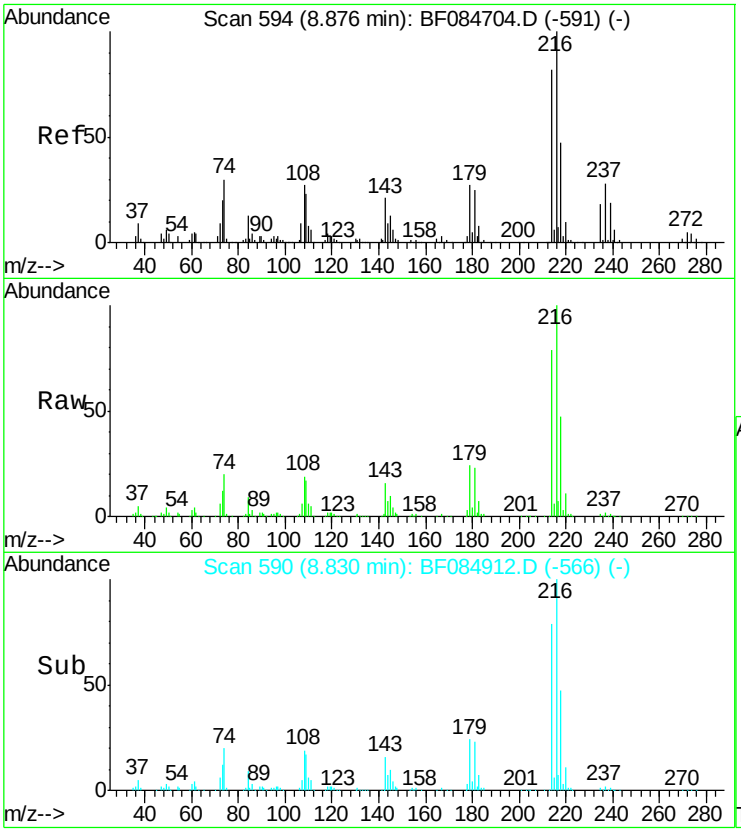


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:164 Resp: 319195

Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.1	127.7
160	46.6	37.5	56.3

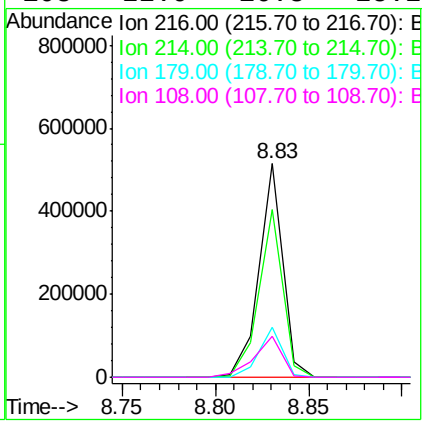




#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.31 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:216 Resp: 449173

Ion	Ratio	Lower	Upper
216	100		
214	79.2	64.2	96.2
179	23.5	18.7	28.1
108	22.9	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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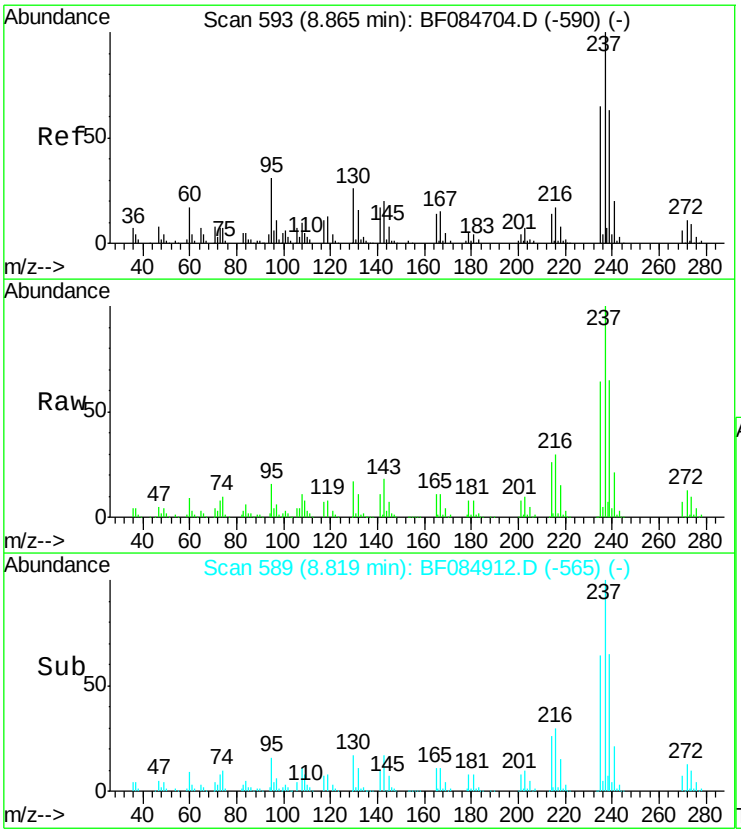
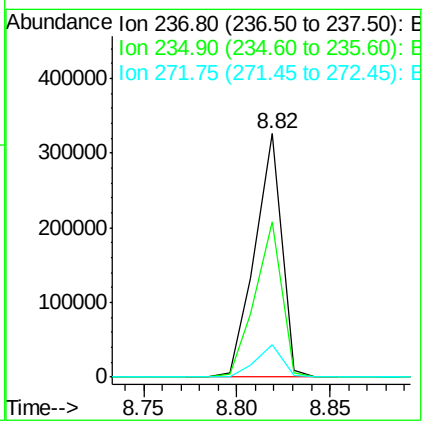
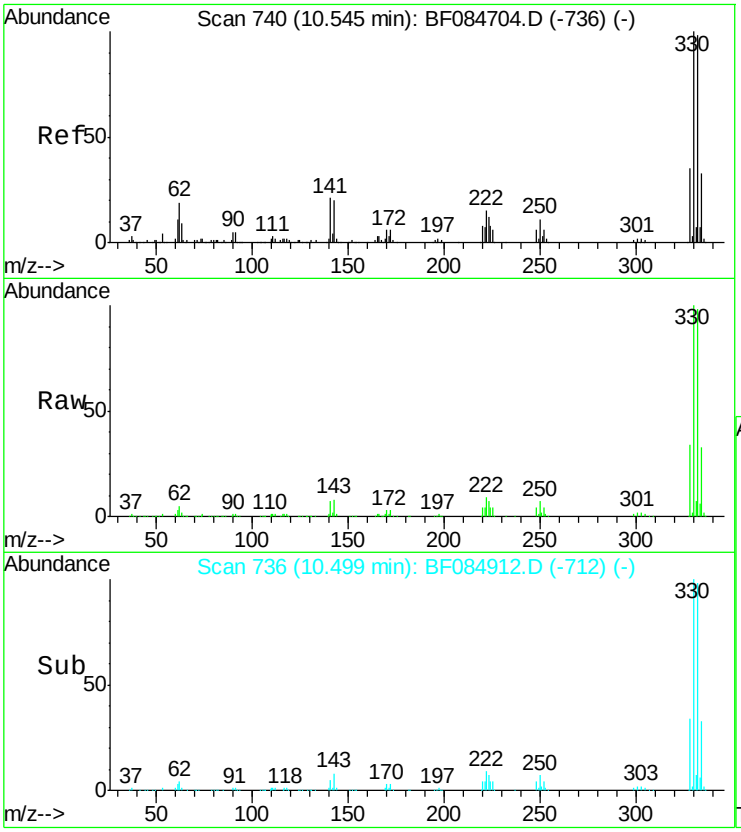


#40
Hexachlorocyclopentadiene
Concen: 74.63 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:237 Resp: 324817

Ion	Ratio	Lower	Upper
237	100		
235	63.8	43.1	83.1
272	13.3	0.0	35.1

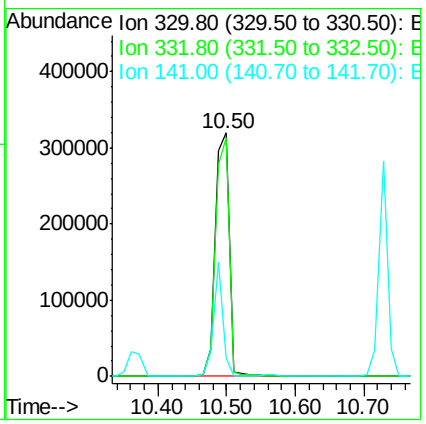




#41
2,4,6-Tribromophenol
Concen: 138.96 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:330 Resp: 462653

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	31.4	27.8	41.6



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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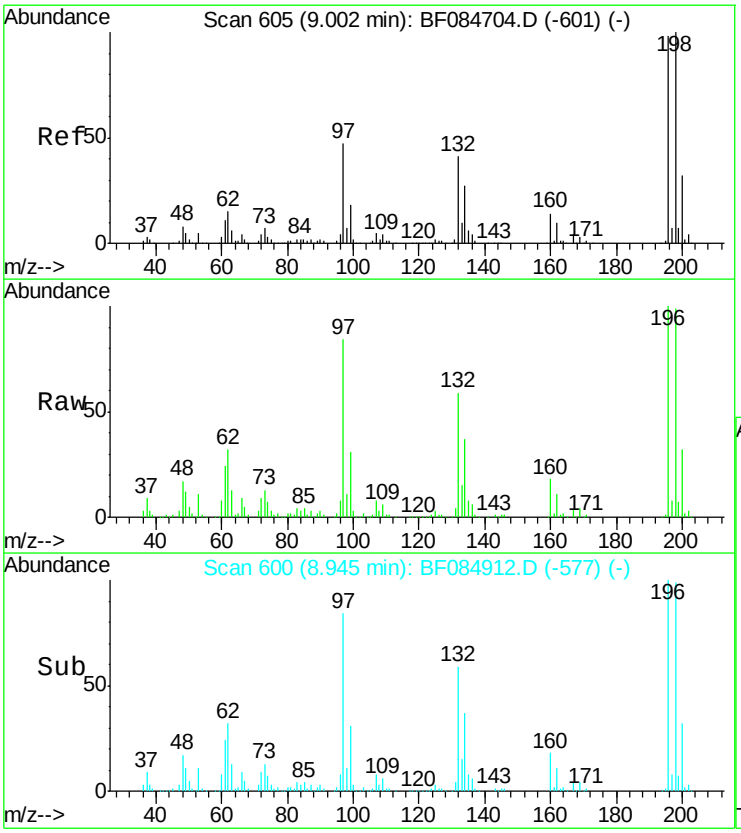
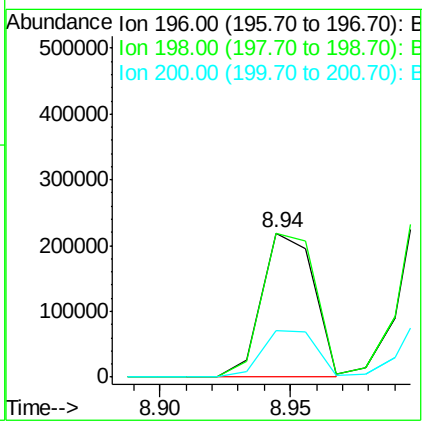
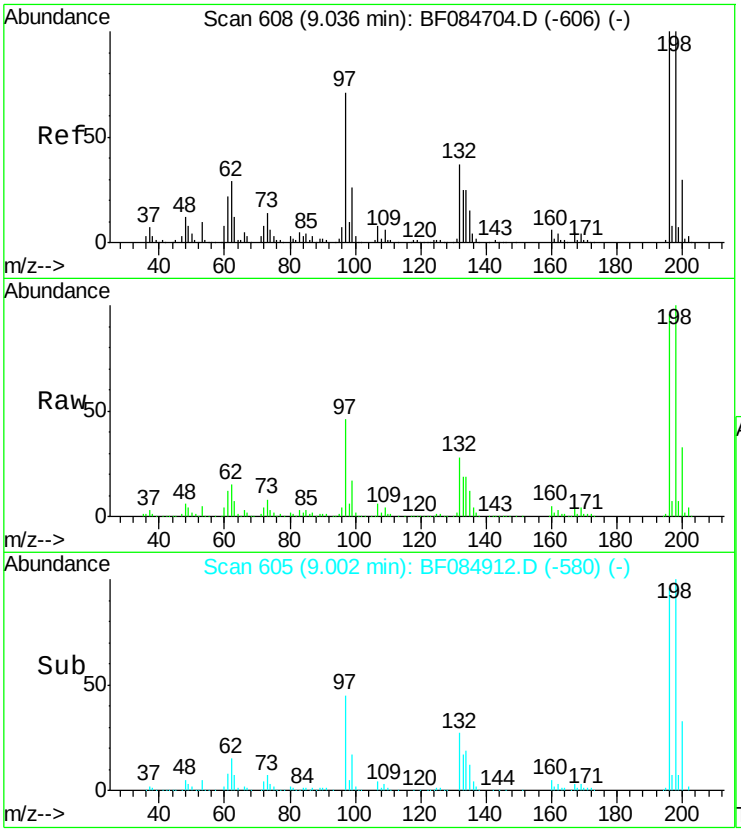


#42
2,4,6-Trichlorophenol
Concen: 46.72 ng
RT: 8.94 min Scan# 600
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:196 Resp: 305106

Ion	Ratio	Lower	Upper
196	100		
198	99.2	77.7	116.5
200	32.2	24.6	37.0

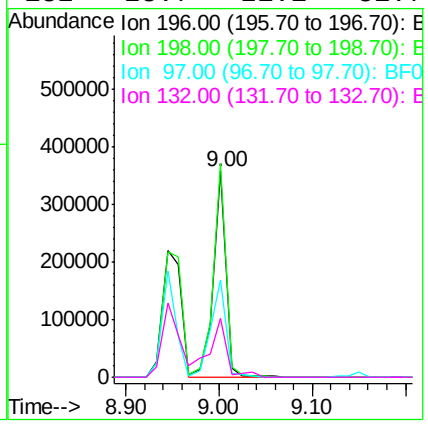




#43
2,4,5-Trichlorophenol
Concen: 50.14 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:196 Resp: 332758

Ion	Ratio	Lower	Upper
196	100		
198	103.7	79.0	118.6
97	47.5	33.0	49.6
132	28.7	21.1	31.7



Instrument :
BNA_F
ClientSampleId :
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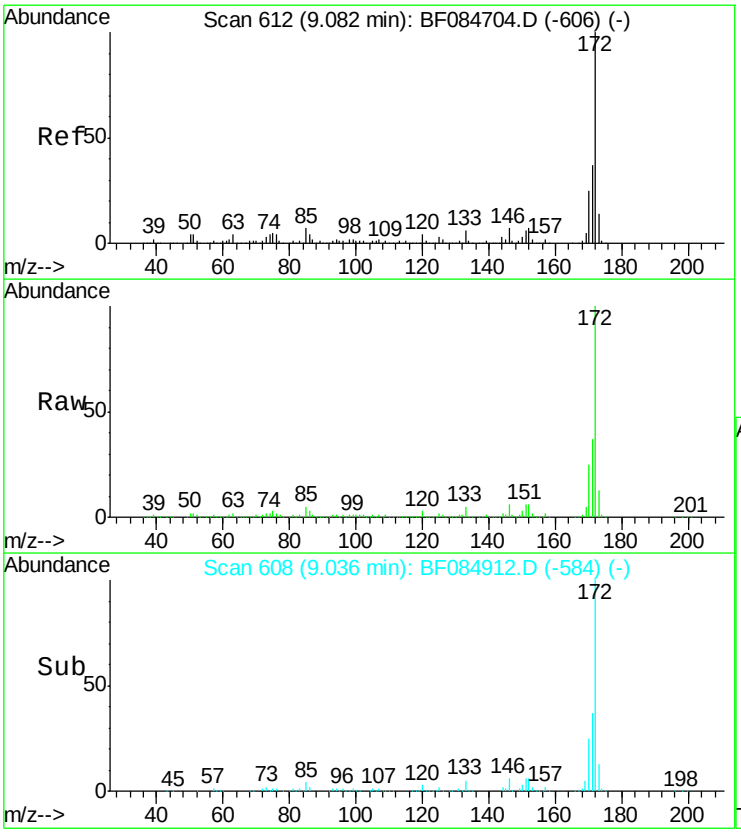
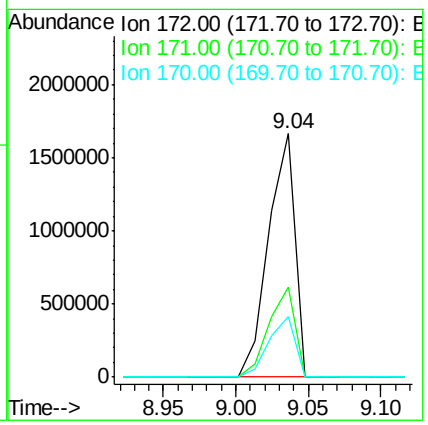
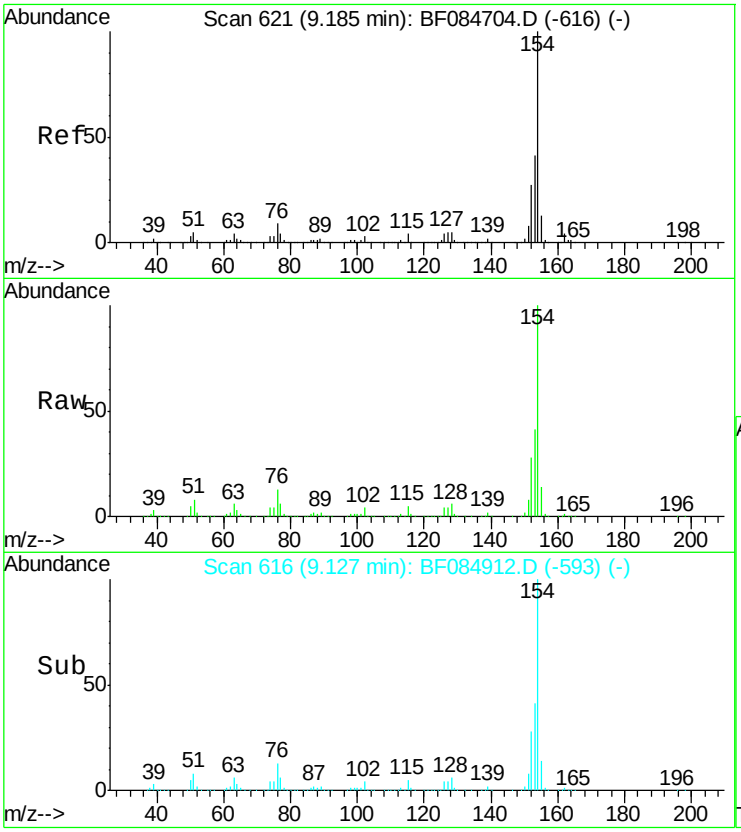


#44
2-Fluorobiphenyl
Concen: 142.83 ng
RT: 9.04 min Scan# 608
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:172 Resp: 2096567

Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.9	43.3
170	25.1	18.6	27.8

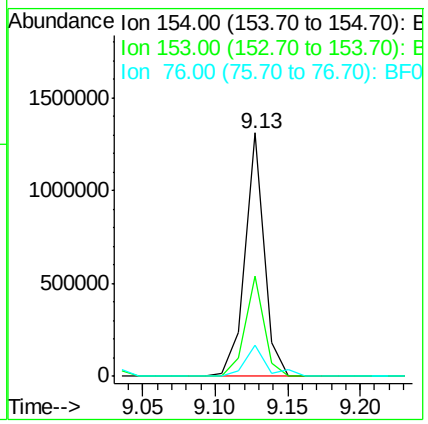




#45
1,1'-Biphenyl
Concen: 41.86 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:154 Resp: 1193559

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.6	61.6
76	12.9	0.0	32.7



Instrument :
BNA_F
ClientSampleId :
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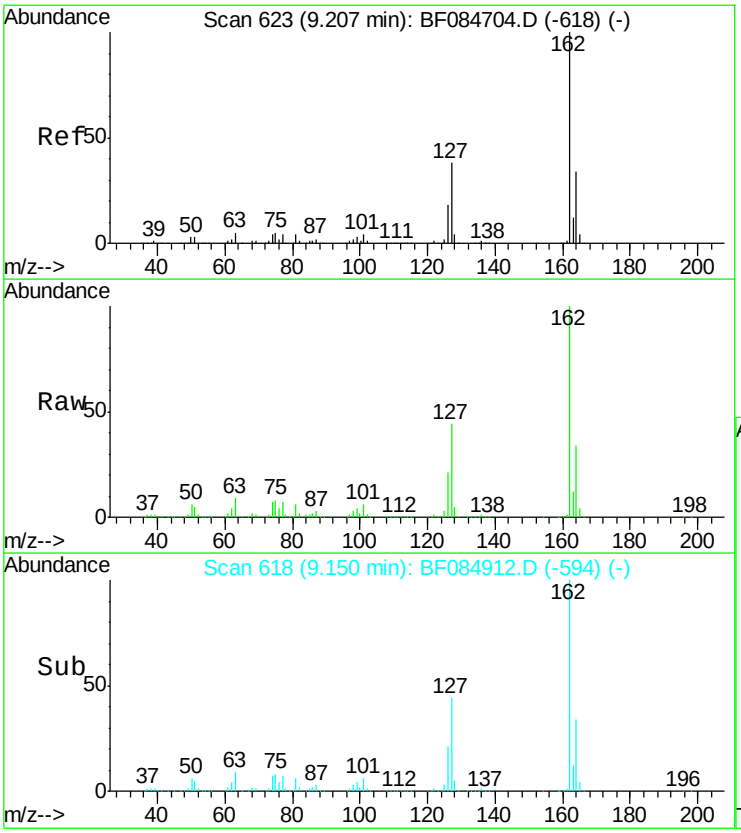
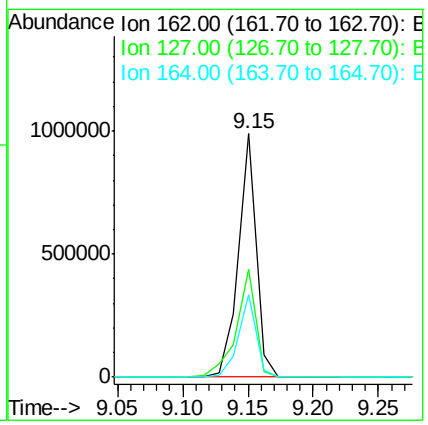
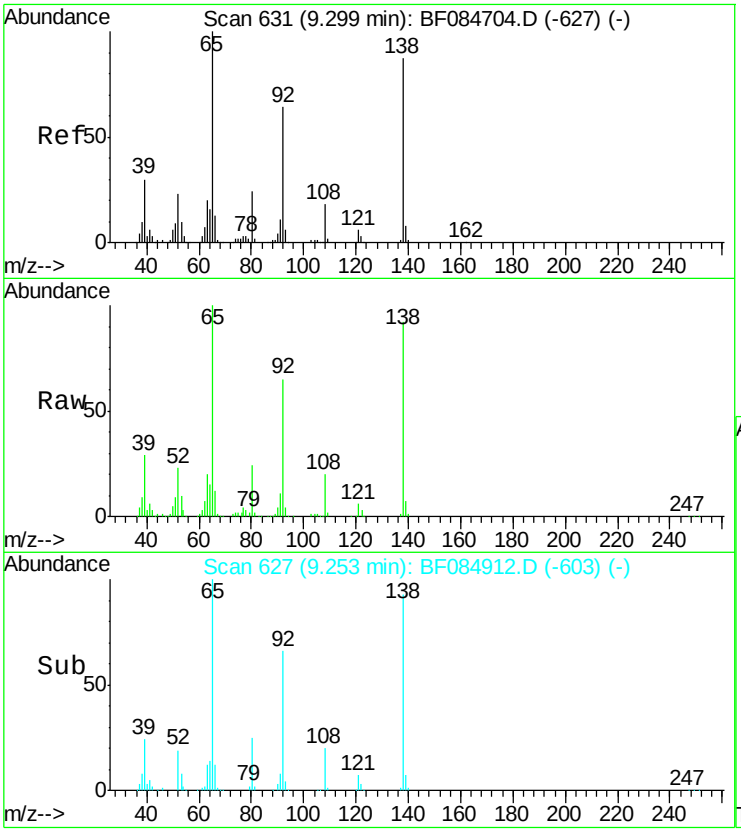


#46
2-Chloronaphthalene
Concen: 44.28 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:162 Resp: 929611

Ion	Ratio	Lower	Upper
162	100		
127	44.5	40.2	60.4
164	34.0	25.7	38.5

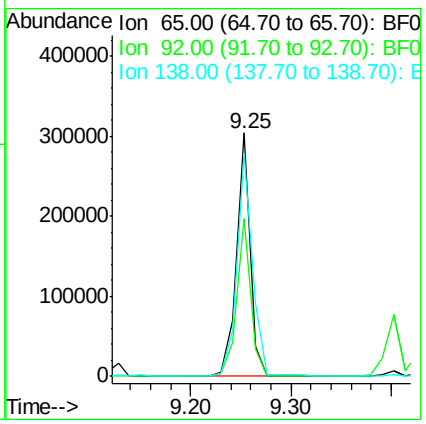




#47
2-Nitroaniline
Concen: 43.28 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion: 65 Resp: 287697

Ion	Ratio	Lower	Upper
65	100		
92	64.9	53.4	80.2
138	91.5	71.1	106.7



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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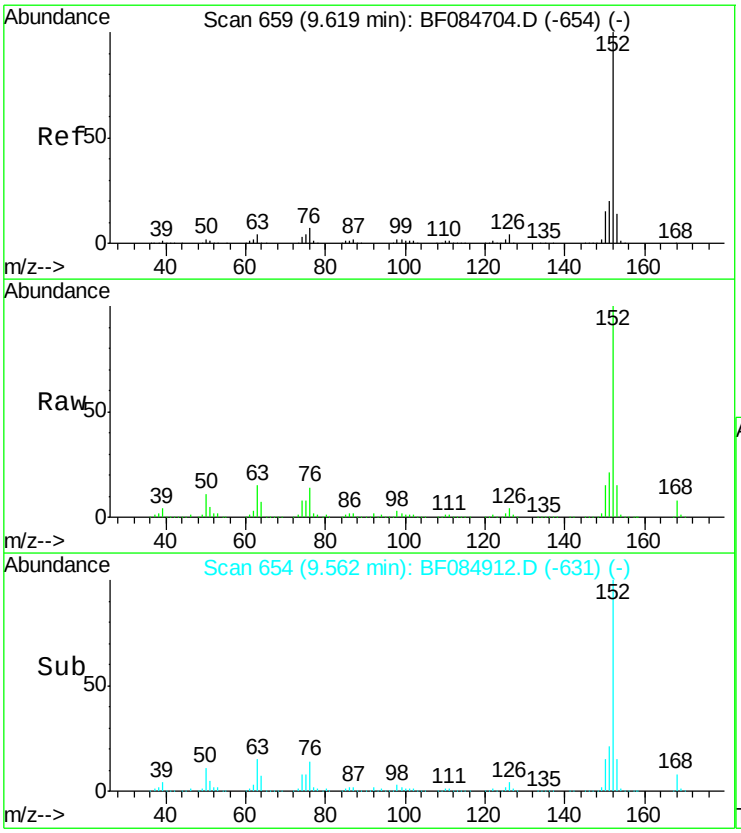
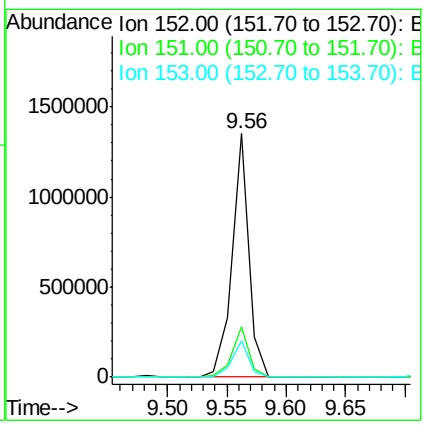
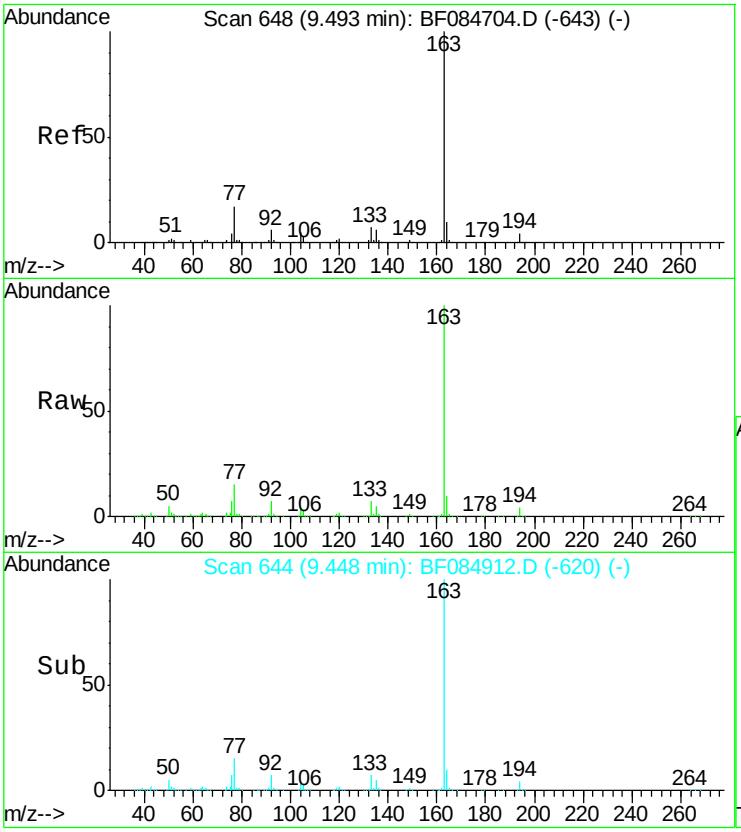


#48
Acenaphthylene
Concen: 41.68 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:152 Resp: 1327969

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	14.9	10.4	15.6

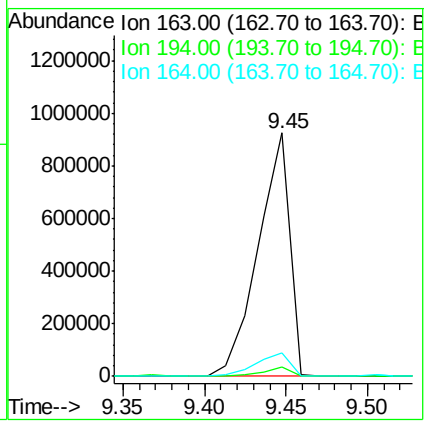




#49
Dimethylphthalate
Concen: 51.18 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:163 Resp: 1244201

Ion	Ratio	Lower	Upper
163	100		
194	3.6	8.0	12.0#
164	9.8	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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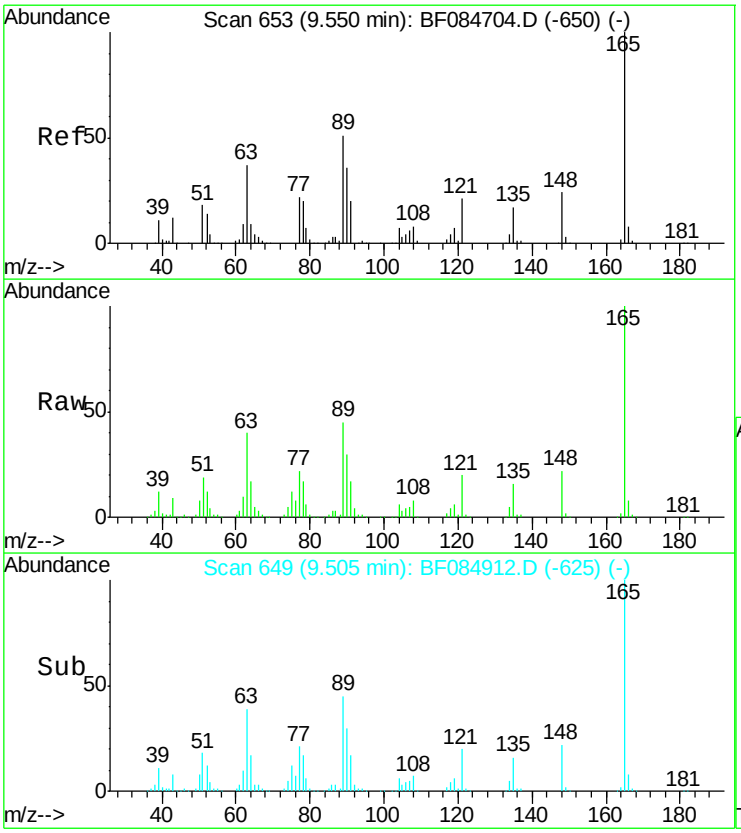
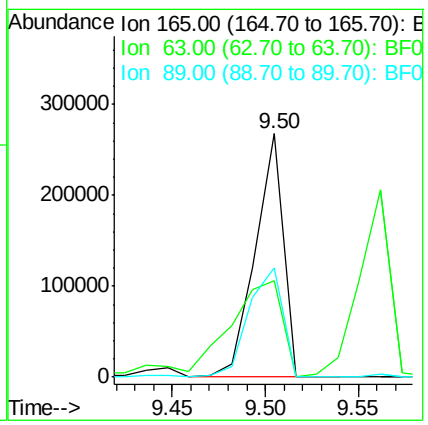
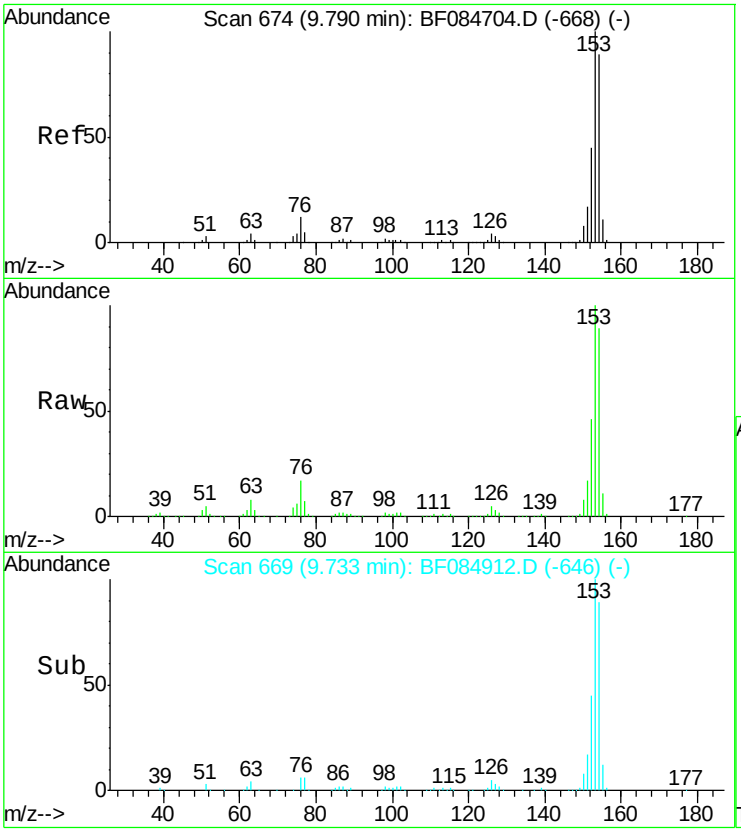


#50
2,6-Dinitrotoluene
Concen: 52.17 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:165 Resp: 277079

Ion	Ratio	Lower	Upper
165	100		
63	39.7	28.8	43.2
89	44.9	35.1	52.7

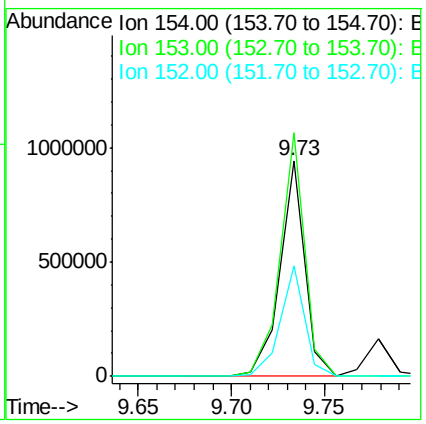




#51
Acenaphthene
Concen: 42.17 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:154 Resp: 874188

Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.5	137.3
152	51.5	43.0	64.6



Instrument :
BNA_F
ClientSampleId :
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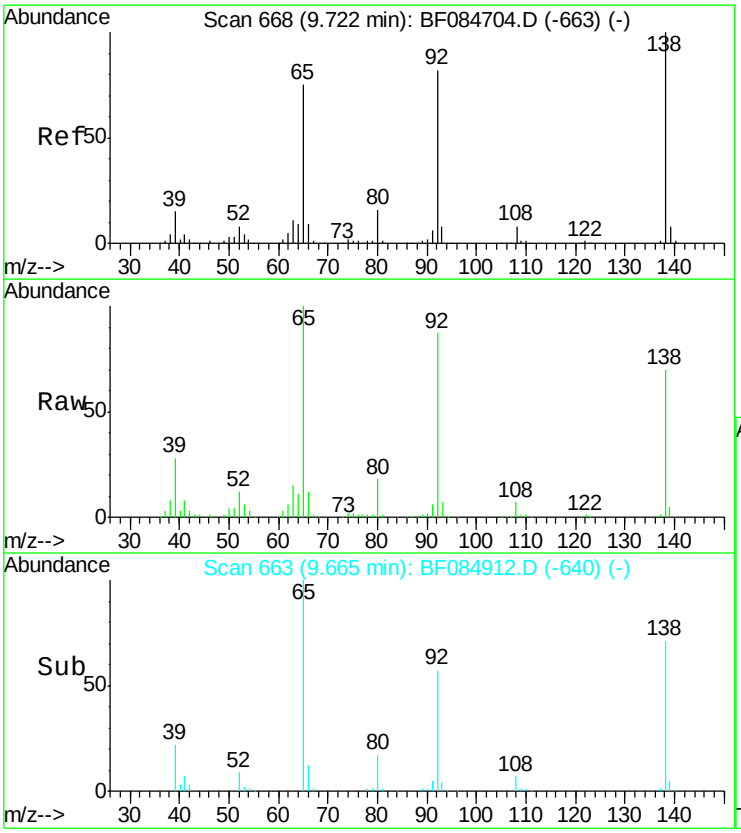
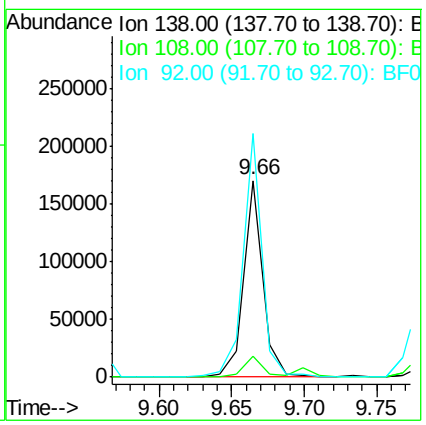
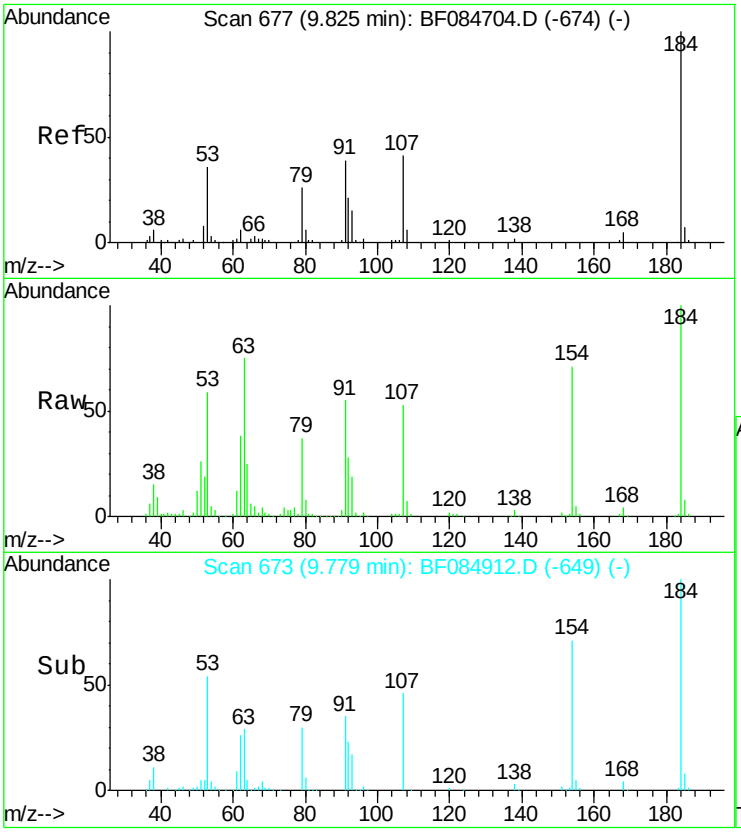


#52
3-Nitroaniline
Concen: 26.23 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:138 Resp: 156558

Ion	Ratio	Lower	Upper
138	100		
108	10.5	10.5	15.7
92	123.8	103.9	155.9

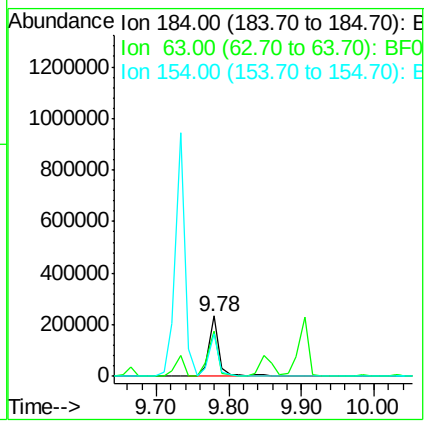




#53
2,4-Dinitrophenol
Concen: 93.97 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:184 Resp: 233020

Ion	Ratio	Lower	Upper
184	100		
63	74.5	43.1	64.7#
154	71.5	60.5	90.7



Instrument :
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ClientSampleId :
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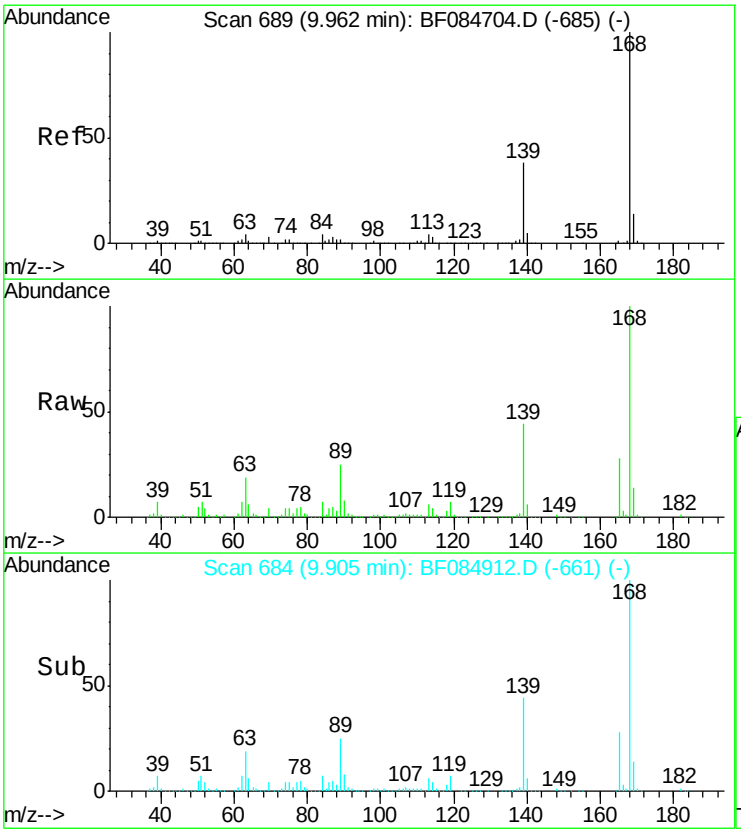
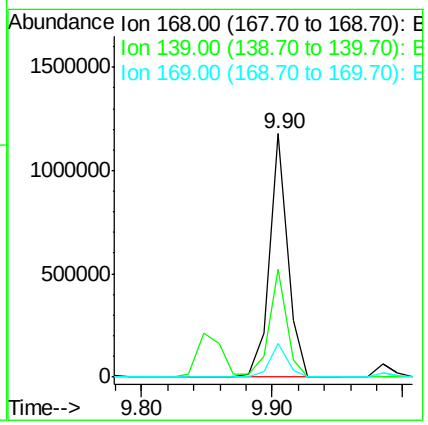
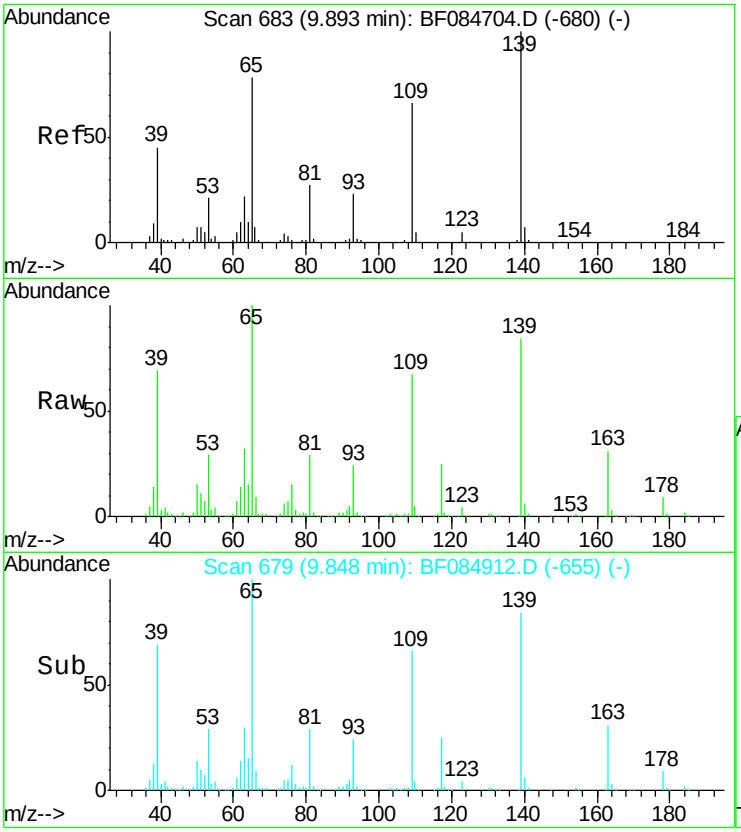


#54
Dibenzofuran
Concen: 45.47 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:168 Resp: 1151979

Ion	Ratio	Lower	Upper
168	100		
139	44.3	30.5	45.7
169	14.1	10.4	15.6

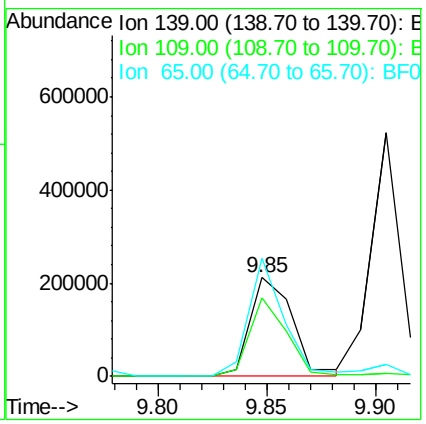




#55
4-Nitrophenol
Concen: 65.73 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:139 Resp: 288273

Ion	Ratio	Lower	Upper
139	100		
109	79.7	58.5	98.5
65	119.5	57.6	97.6#



Instrument :
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ClientSampleId :
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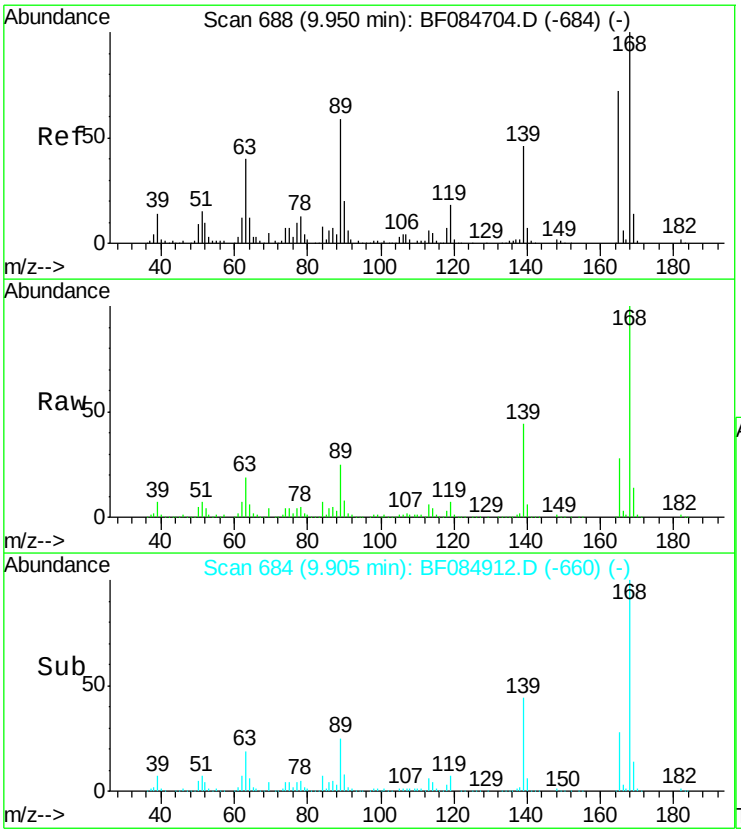
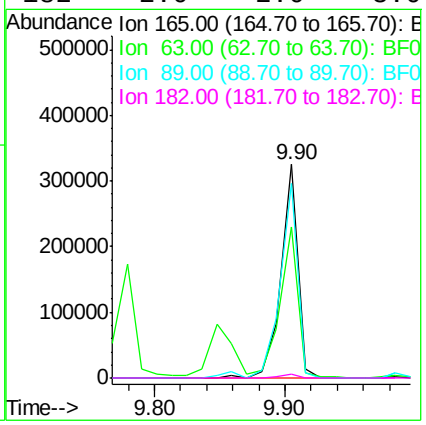
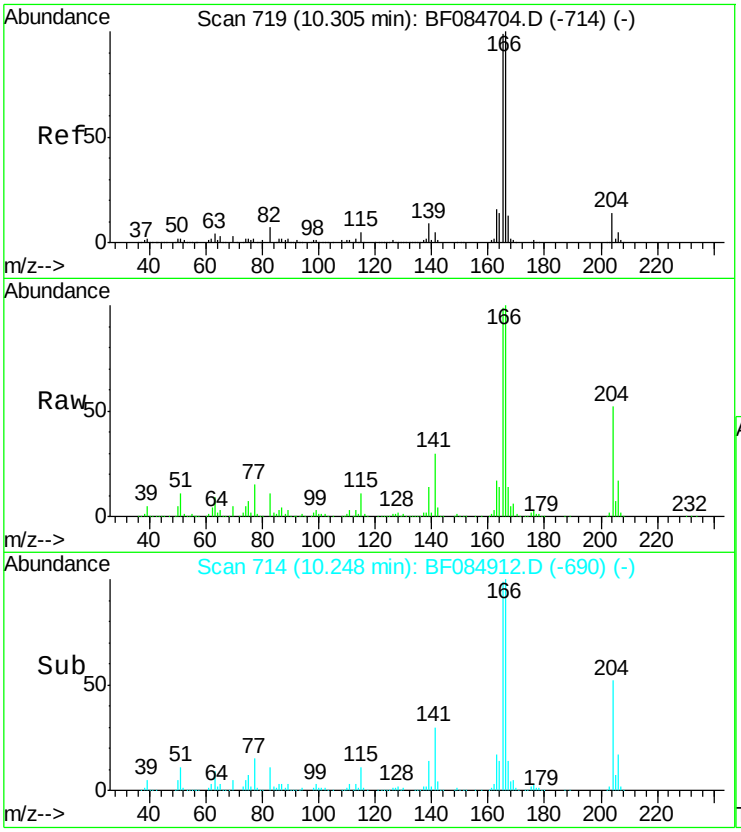


#56
2,4-Dinitrotoluene
Concen: 44.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:165 Resp: 298082

Ion	Ratio	Lower	Upper
165	100		
63	70.5	36.7	55.1#
89	91.4	61.9	92.9
182	2.0	2.0	3.0

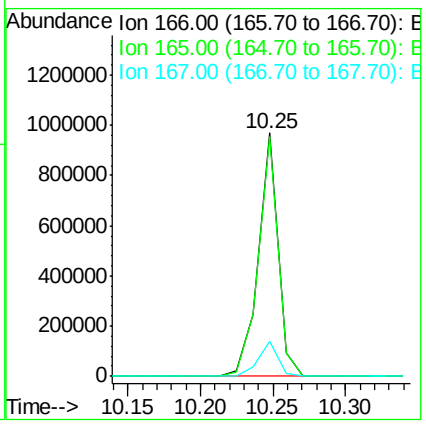




#57
Fluorene
Concen: 43.34 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:166 Resp: 916921

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.1	118.7
167	14.5	10.4	15.6



Instrument :
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ClientSampleId :
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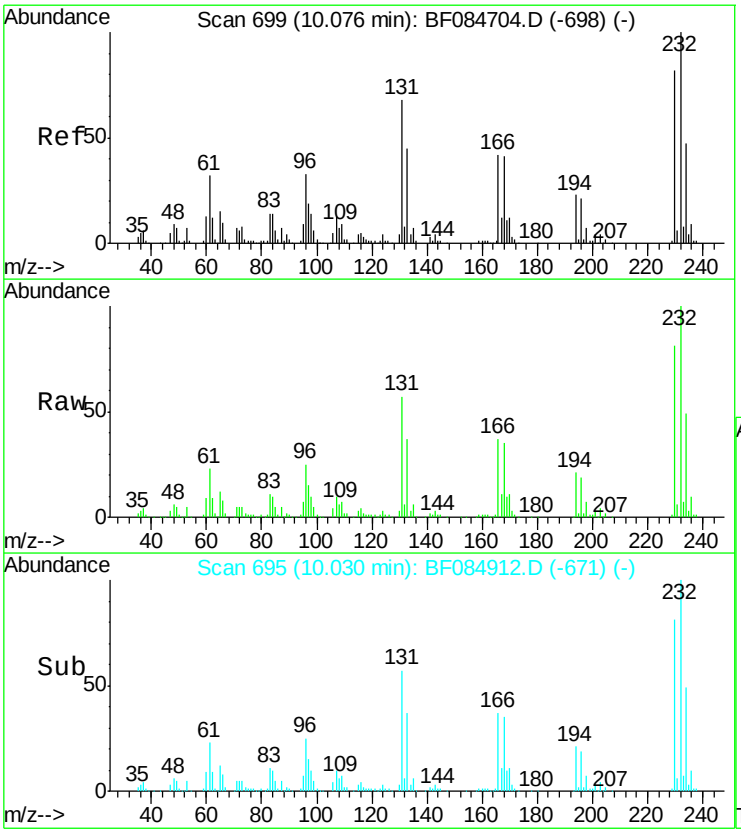
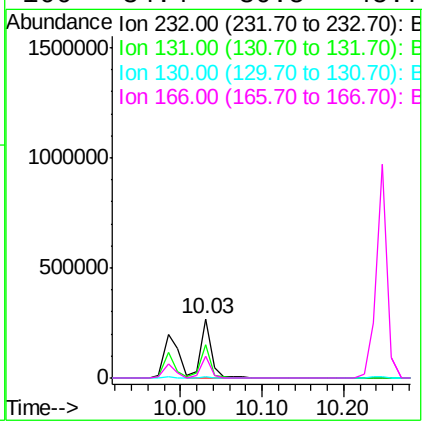
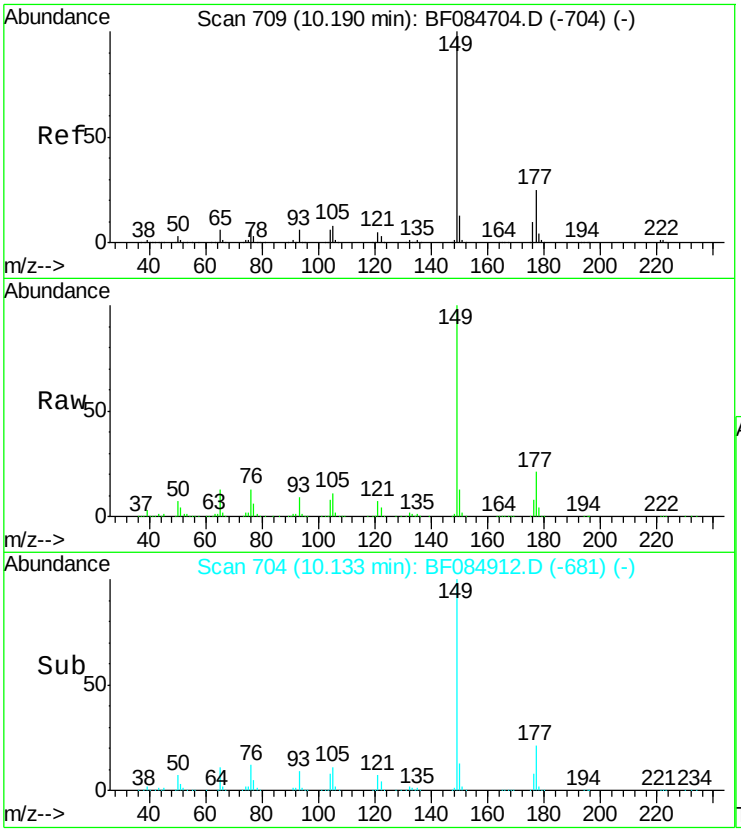


#58
2,3,4,6-Tetrachlorophenol
Concen: 49.69 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:232 Resp: 251013

Ion	Ratio	Lower	Upper
232	100		
131	53.6	47.0	70.6
130	2.5	2.0	3.0
166	34.4	30.5	45.7

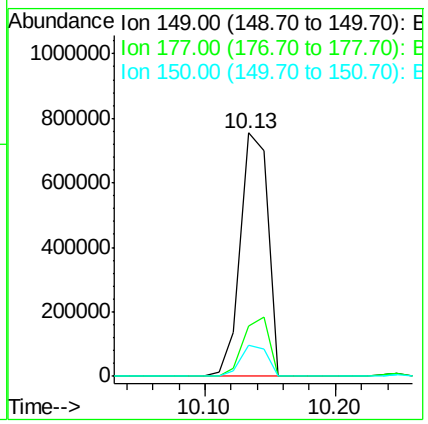




#59
Diethylphthalate
Concen: 46.56 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:149 Resp: 1105189

Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.3	25.9
150	12.8	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
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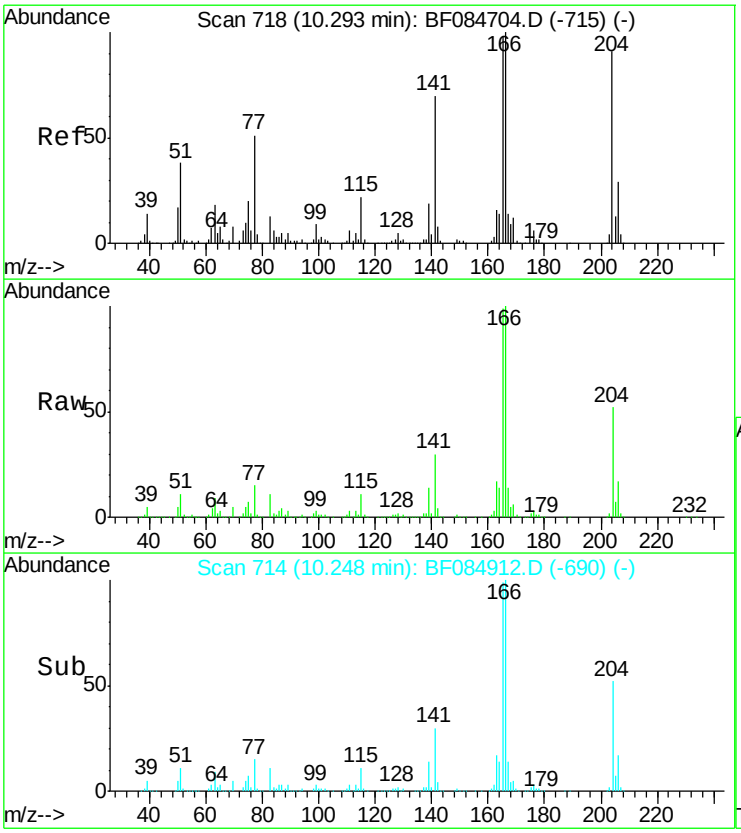
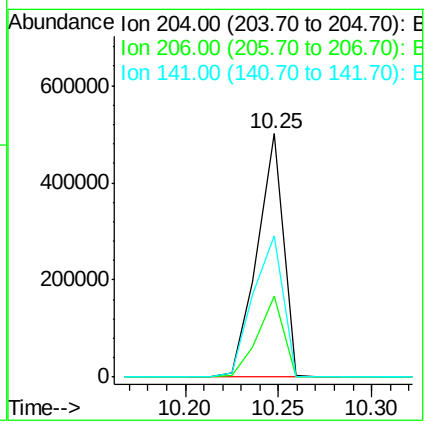
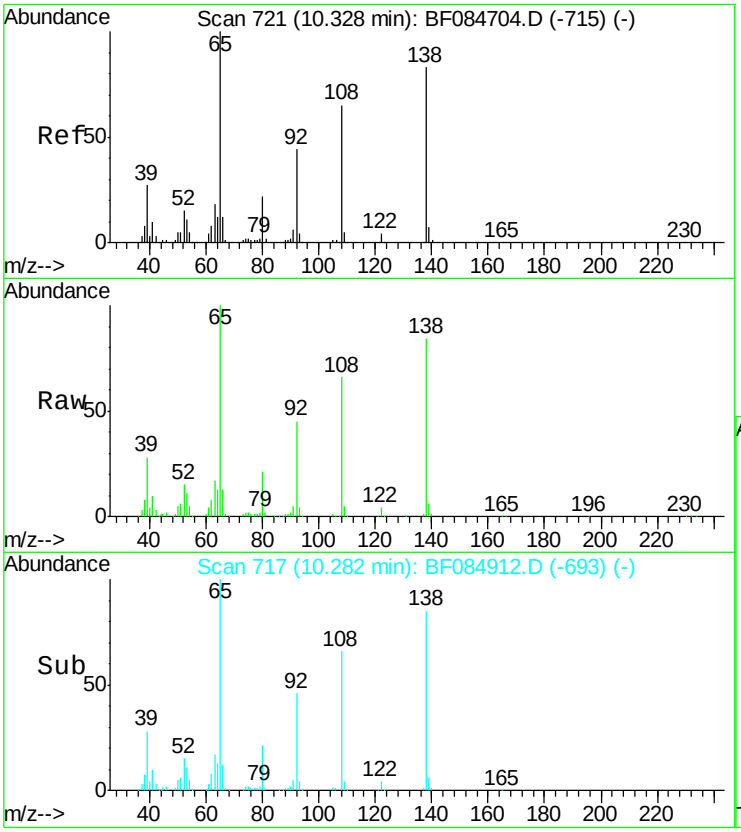


#60
4-Chlorophenyl-phenylether
Concen: 56.58 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:204 Resp: 486255

Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.7	38.5
141	58.1	55.1	82.7

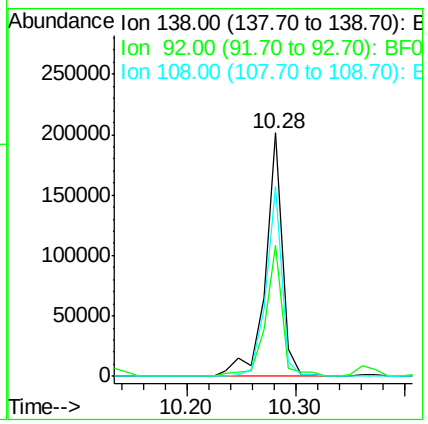




#61
4-Nitroaniline
Concen: 37.94 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:138 Resp: 220655

Ion	Ratio	Lower	Upper
138	100		
92	53.8	32.6	72.6
108	78.1	68.6	108.6



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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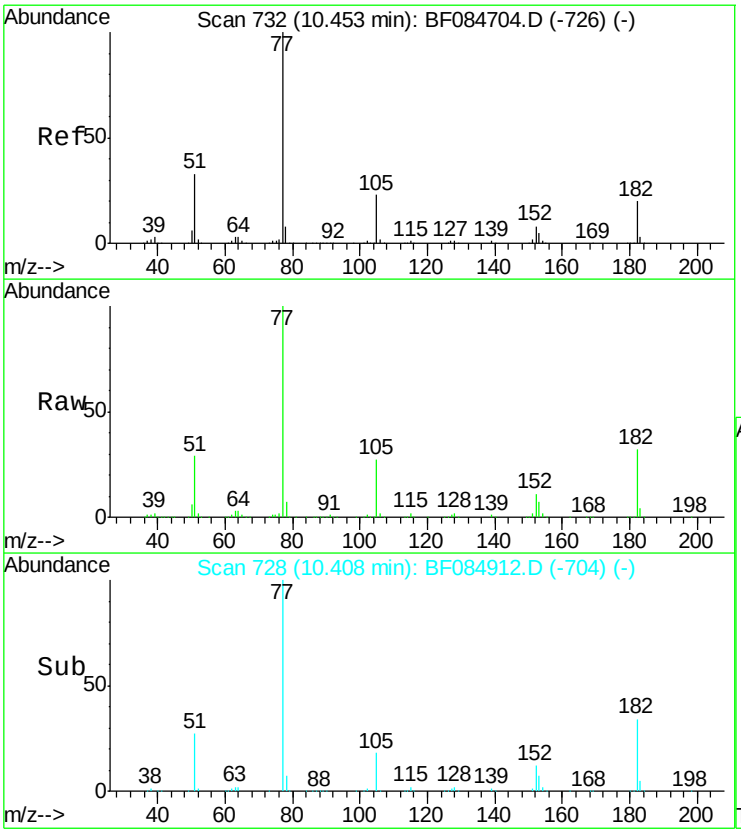
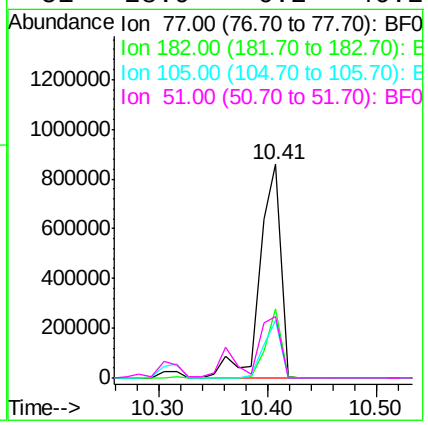
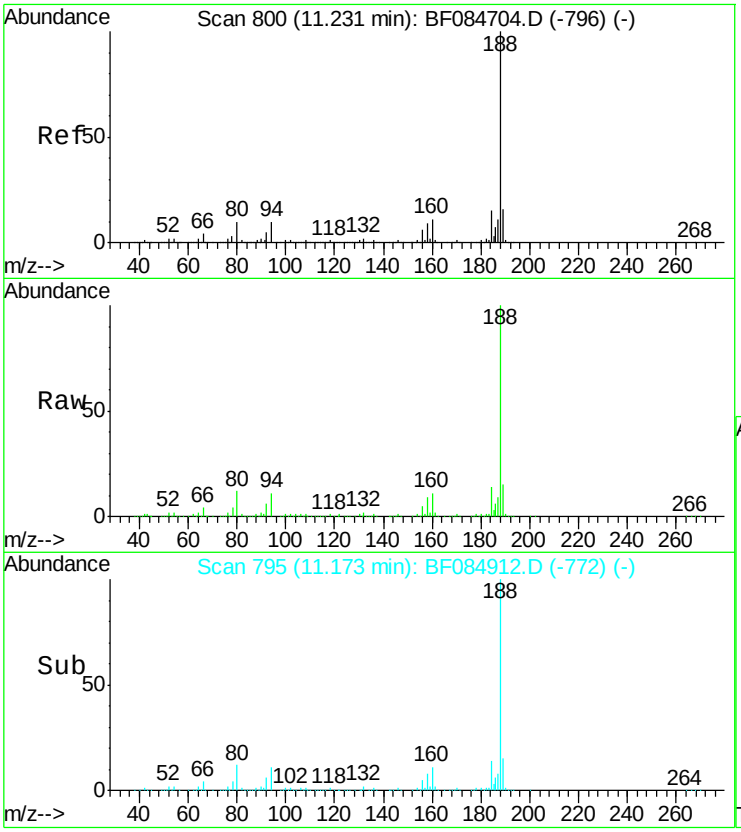


#62
Azobenzene
Concen: 50.89 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion: 77 Resp: 1161717

Ion	Ratio	Lower	Upper
77	100		
182	32.1	8.3	48.3
105	26.8	4.6	44.6
51	28.9	6.2	46.2

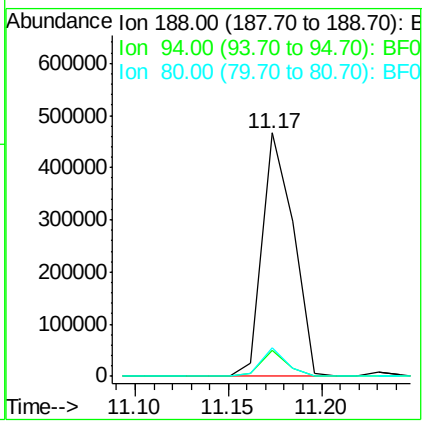




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:188 Resp: 546633

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.0	13.4
80	11.6	9.6	14.4



Instrument :
BNA_F
ClientSampleId :
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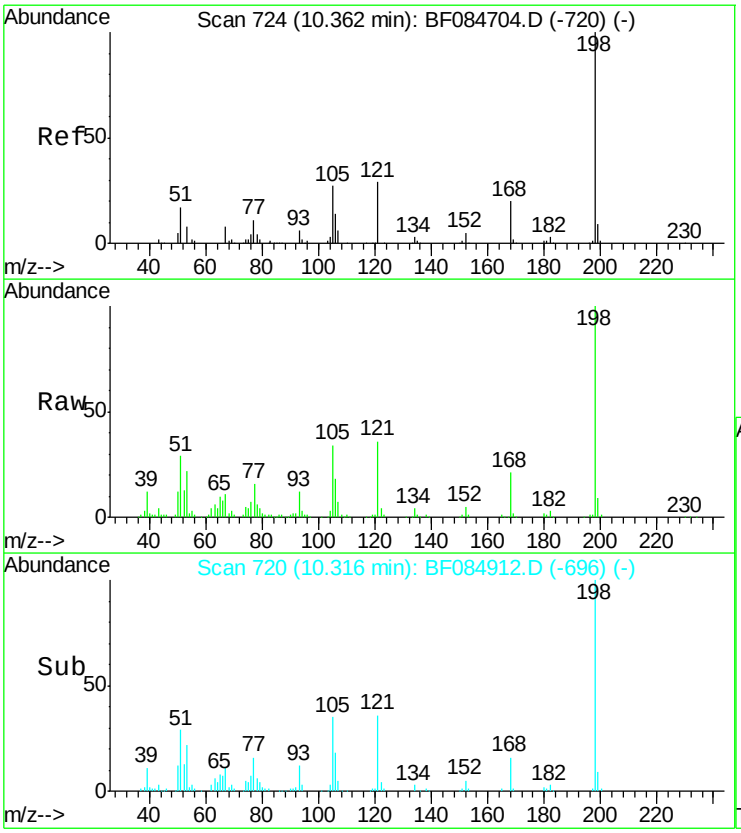
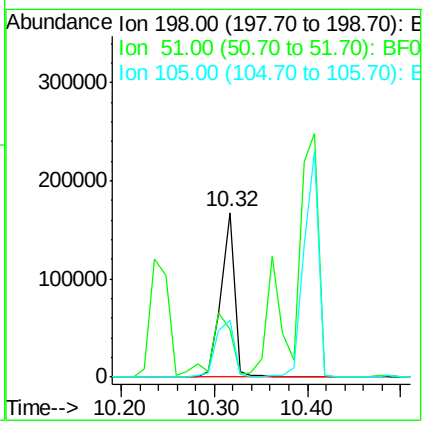
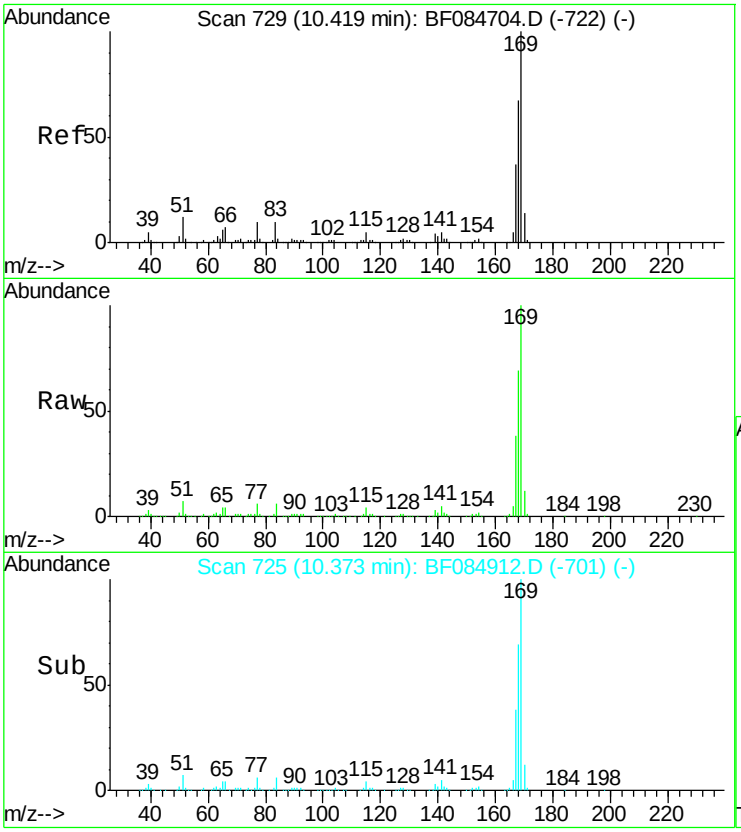


#64
4,6-Dinitro-2-methylphenol
Concen: 50.62 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:198 Resp: 170766

Ion	Ratio	Lower	Upper
198	100		
51	29.2	18.9	58.9
105	34.3	26.4	66.4

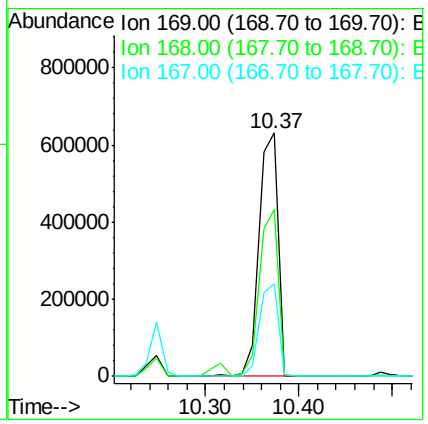




#65
n-Nitrosodiphenylamine
Concen: 51.85 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:169 Resp: 899974

Ion	Ratio	Lower	Upper
169	100		
168	68.7	55.1	82.7
167	38.0	30.0	45.0



Instrument :
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ClientSampleId :
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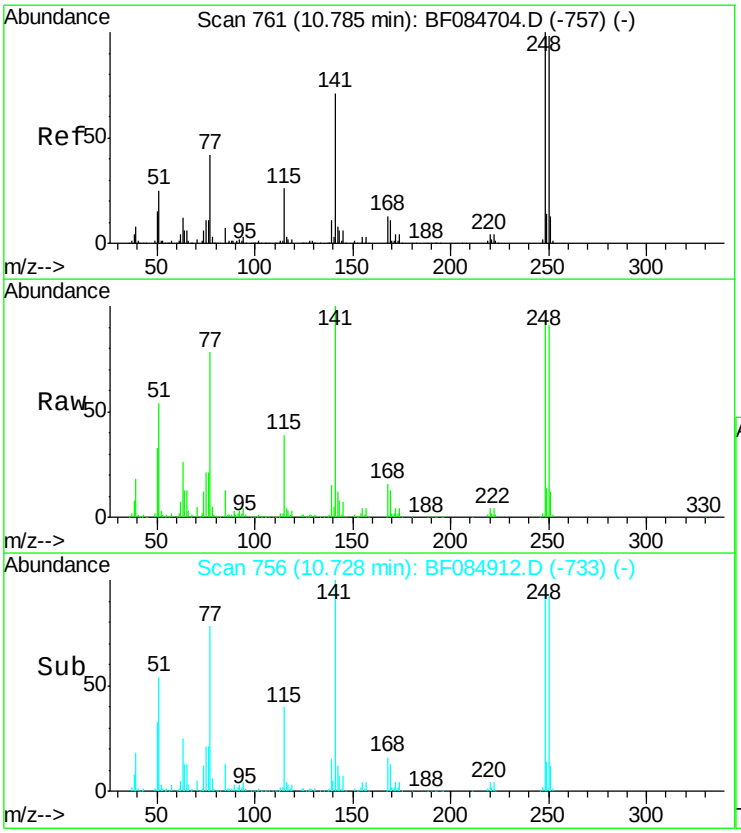
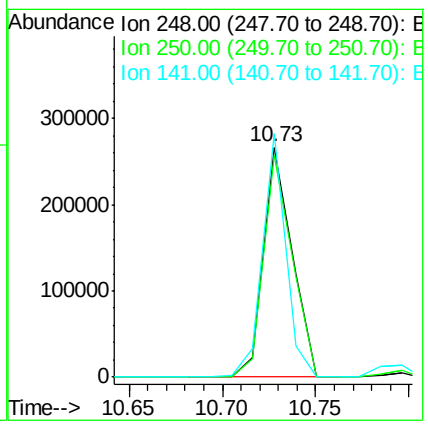
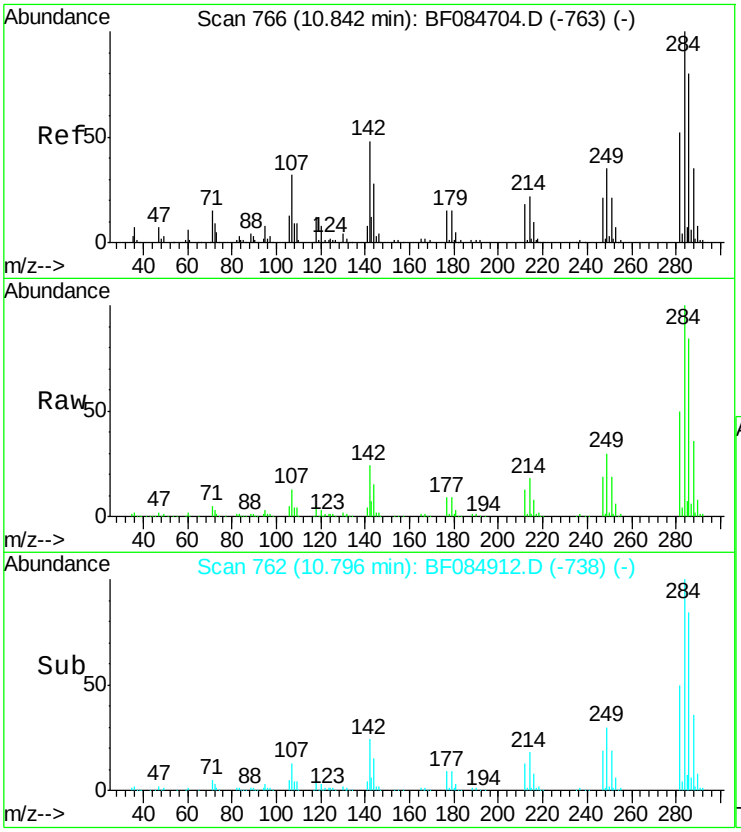


#66
4-Bromophenyl-phenylether
Concen: 46.62 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:248 Resp: 281459

Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.4	117.6
141	105.9	44.0	66.0#

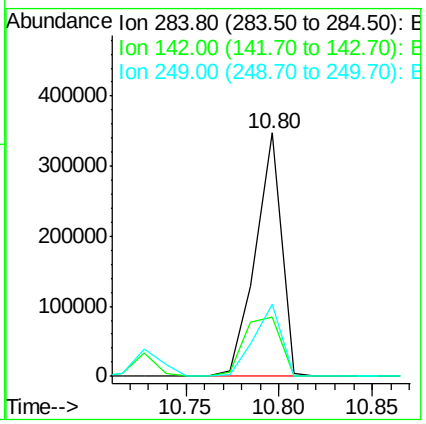




#67
Hexachlorobenzene
Concen: 50.84 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:284 Resp: 334454

Ion	Ratio	Lower	Upper
284	100		
142	24.1	22.2	33.4
249	29.6	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
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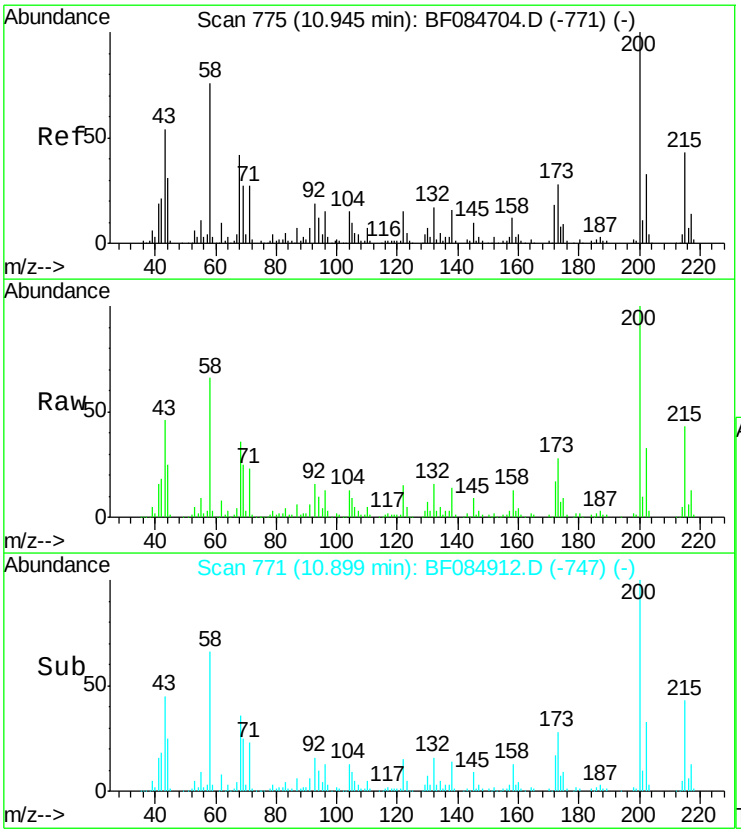
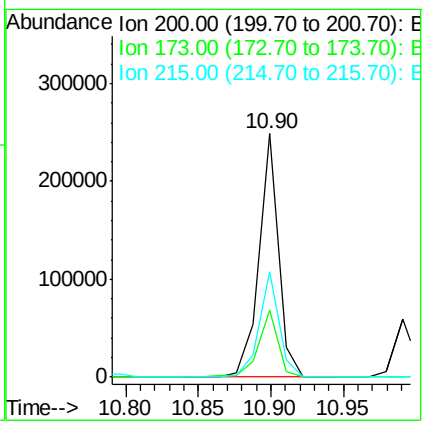
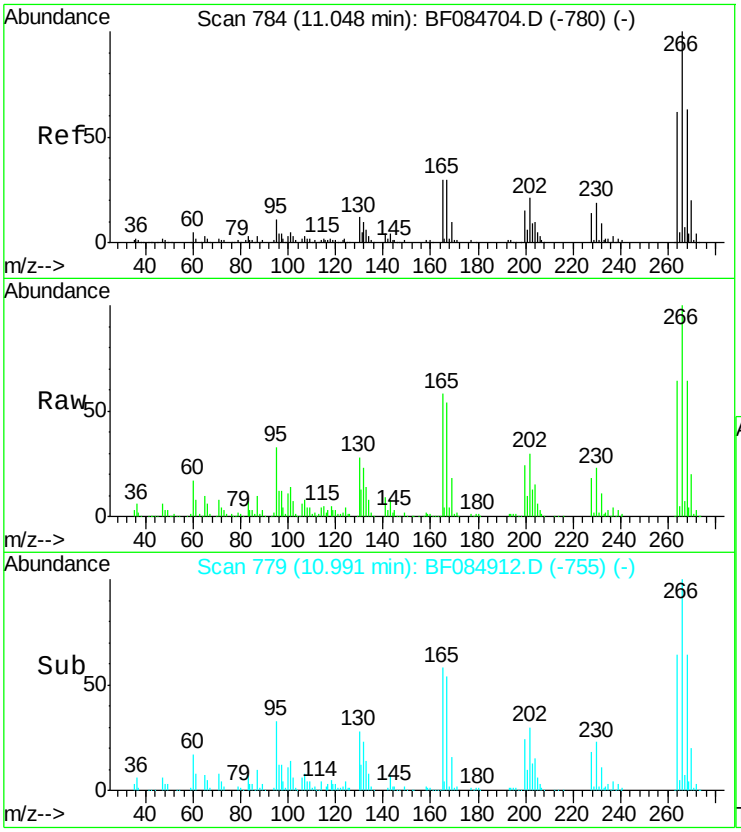


#68
Atrazine
Concen: 42.34 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:200 Resp: 232069

Ion	Ratio	Lower	Upper
200	100		
173	27.5	9.5	49.5
215	43.1	23.8	63.8

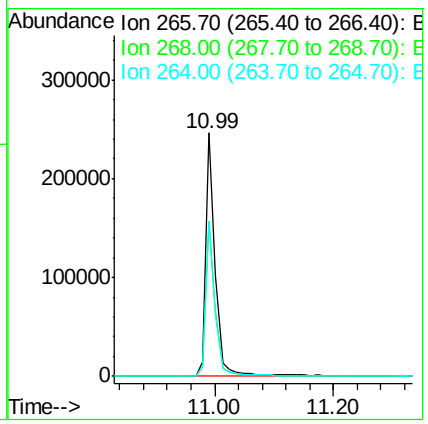




#69
Pentachlorophenol
Concen: 91.37 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:266 Resp: 282478

Ion	Ratio	Lower	Upper
266	100		
268	64.0	52.4	78.6
264	64.0	50.2	75.2



Instrument :
BNA_F
ClientSampleId :
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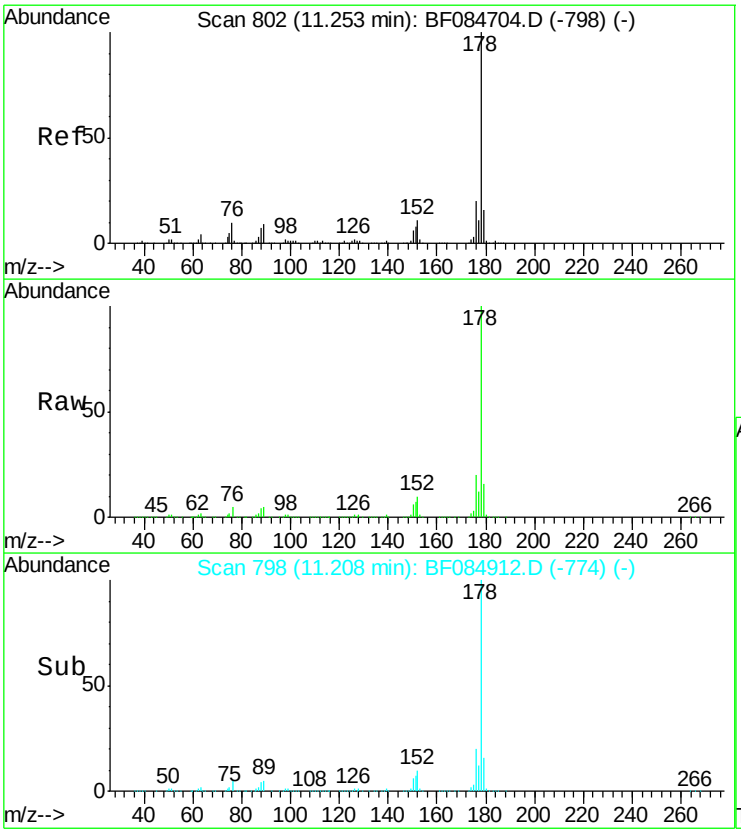
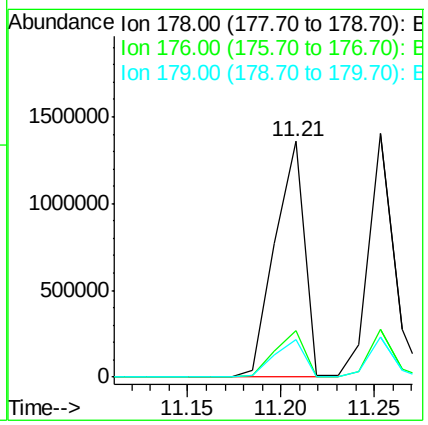
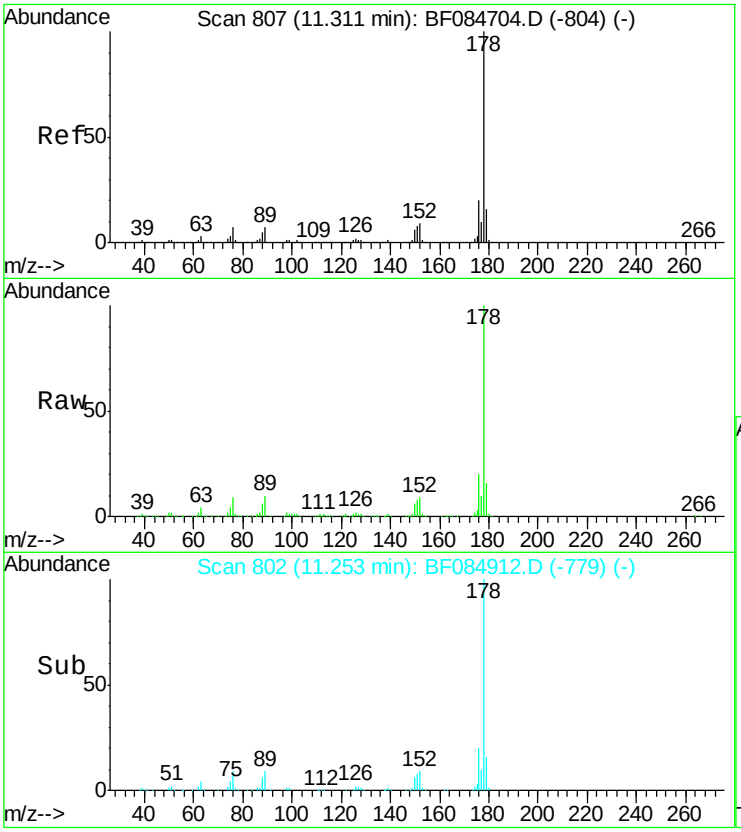


#70
Phenanthrene
Concen: 49.63 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:178 Resp: 1504572

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.3	22.9
179	16.0	12.0	18.0

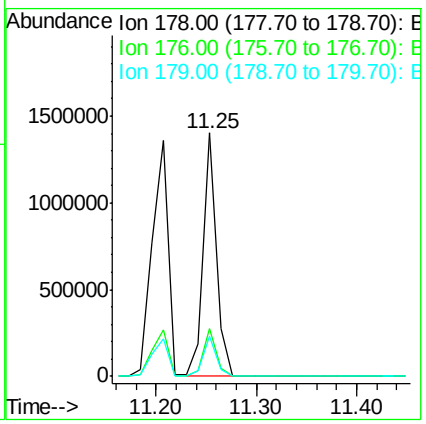




#71
Anthracene
Concen: 42.16 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:178 Resp: 1288081

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	16.2	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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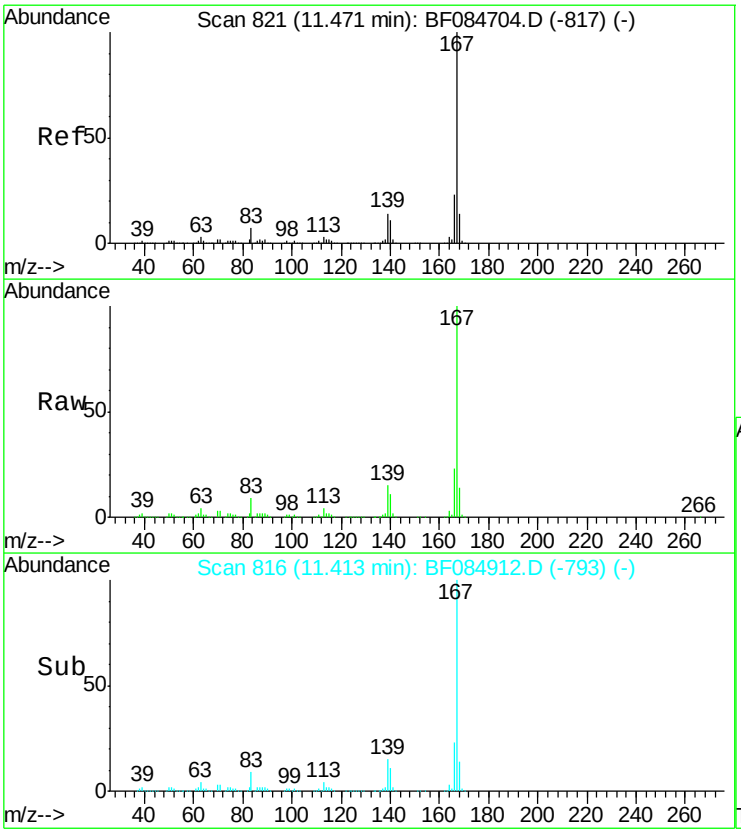
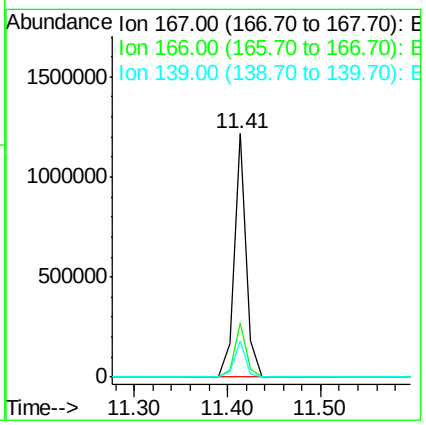
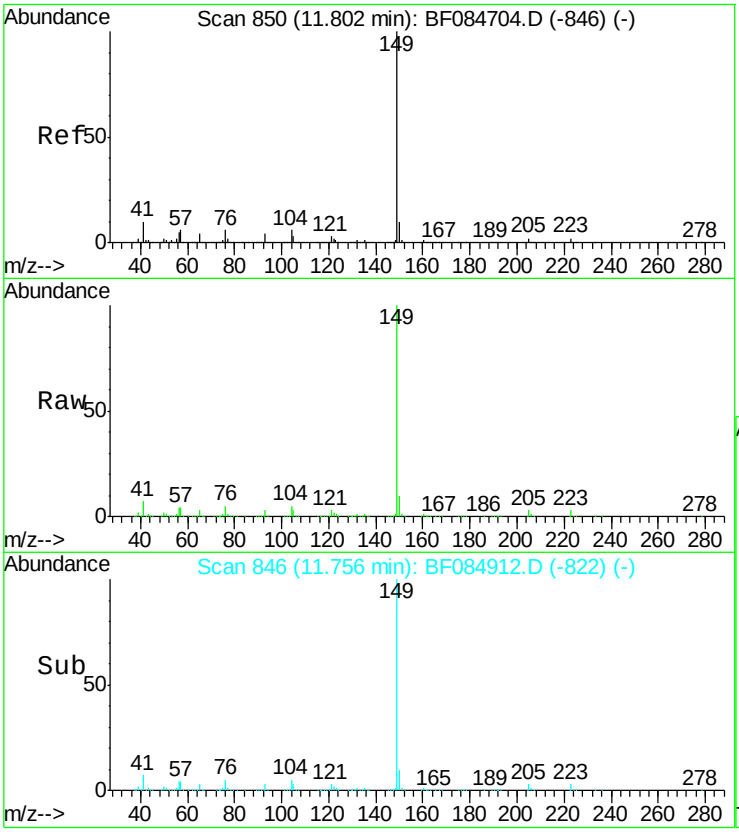


#72
Carbazole
Concen: 40.78 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:167 Resp: 1086341

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	14.9	11.8	17.8

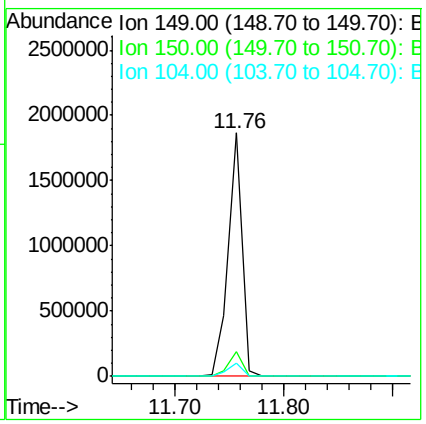




#73
Di-n-butylphthalate
Concen: 48.24 ng
RT: 11.76 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:149 Resp: 1636058

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.1	10.7
104	5.3	3.2	4.8#



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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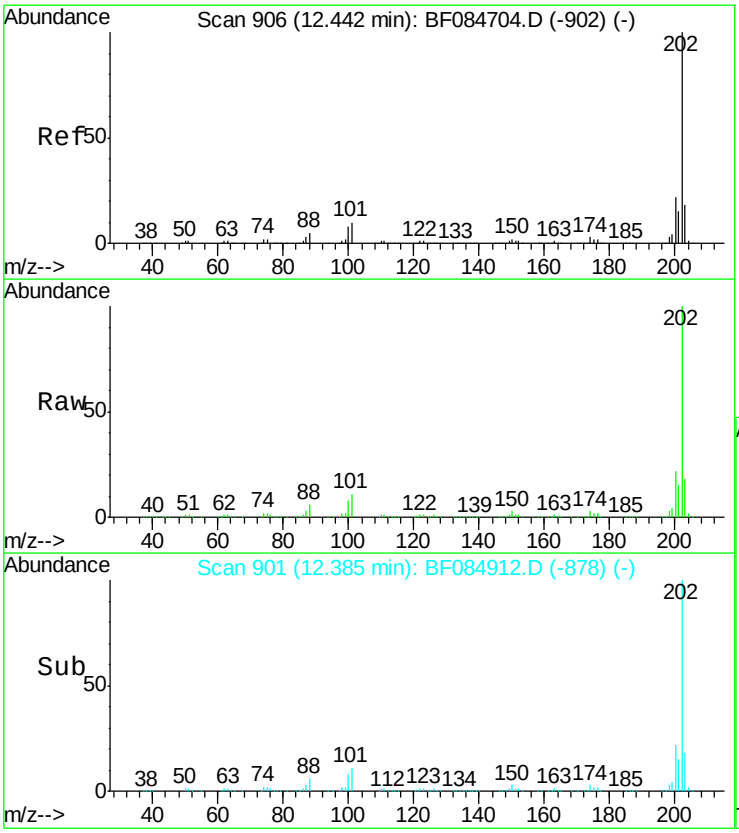
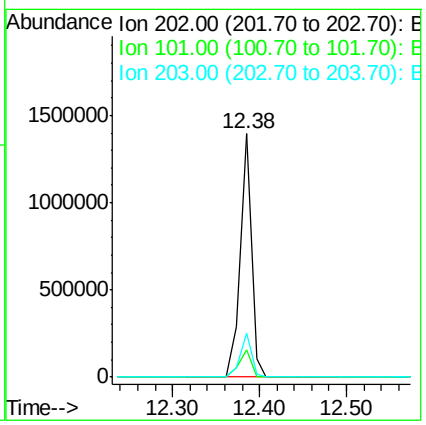
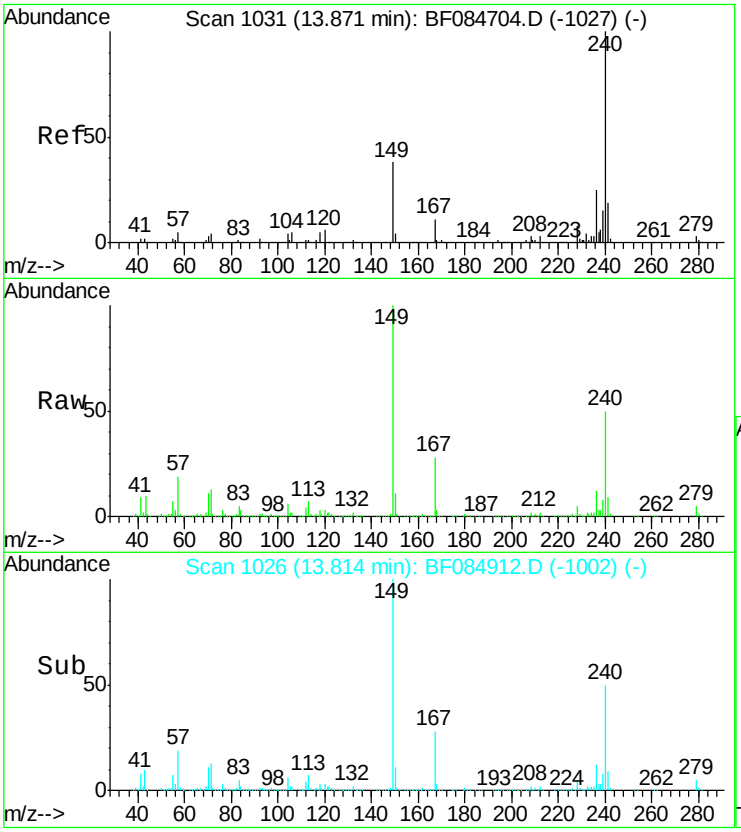


#74
Fluoranthene
Concen: 40.47 ng
RT: 12.38 min Scan# 901
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:202 Resp: 1241766

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	32.8
203	18.2	0.0	37.9

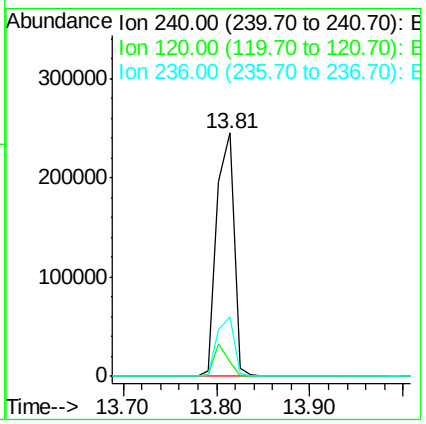




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:240 Resp: 315779

Ion	Ratio	Lower	Upper
240	100		
120	6.0	9.5	14.3#
236	24.1	20.6	31.0



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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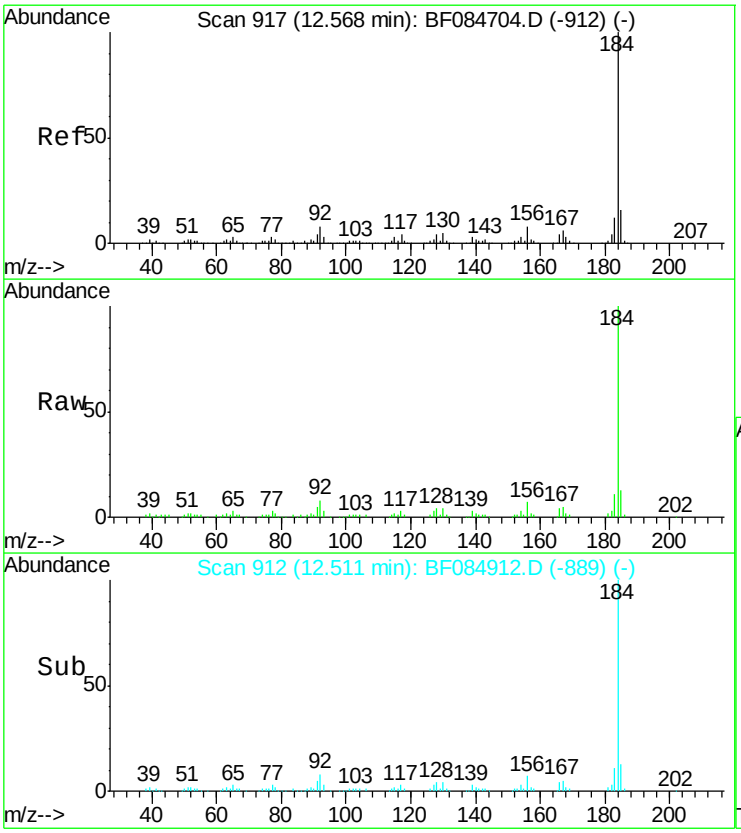
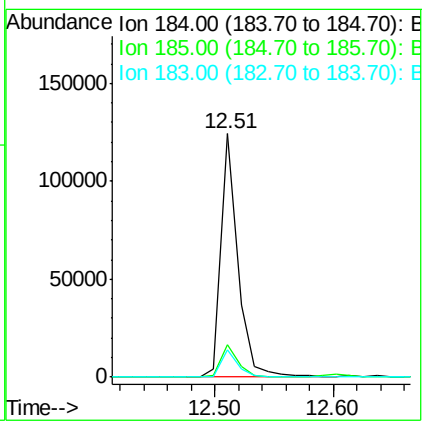
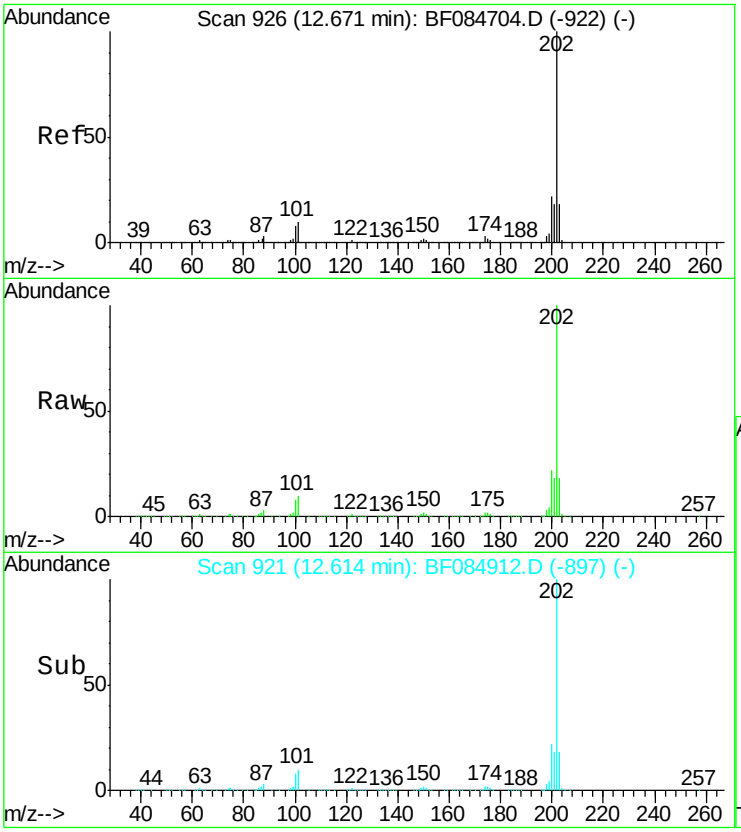


#76
Benzidine
Concen: 14.46 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:184 Resp: 121855

Ion	Ratio	Lower	Upper
184	100		
185	13.2	12.2	18.2
183	11.2	9.8	14.8

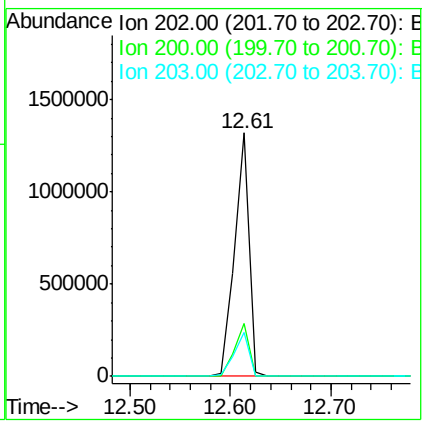




#77
Pyrene
Concen: 54.73 ng
RT: 12.61 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:202 Resp: 1323173

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.2	25.8
203	18.0	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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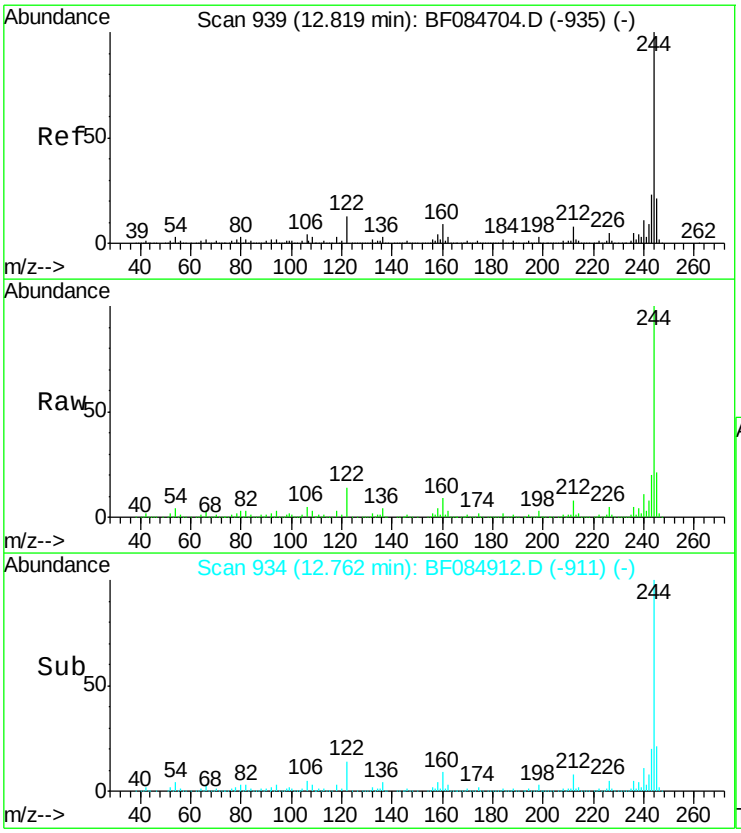
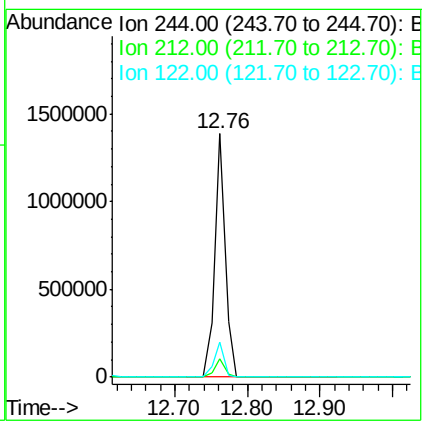
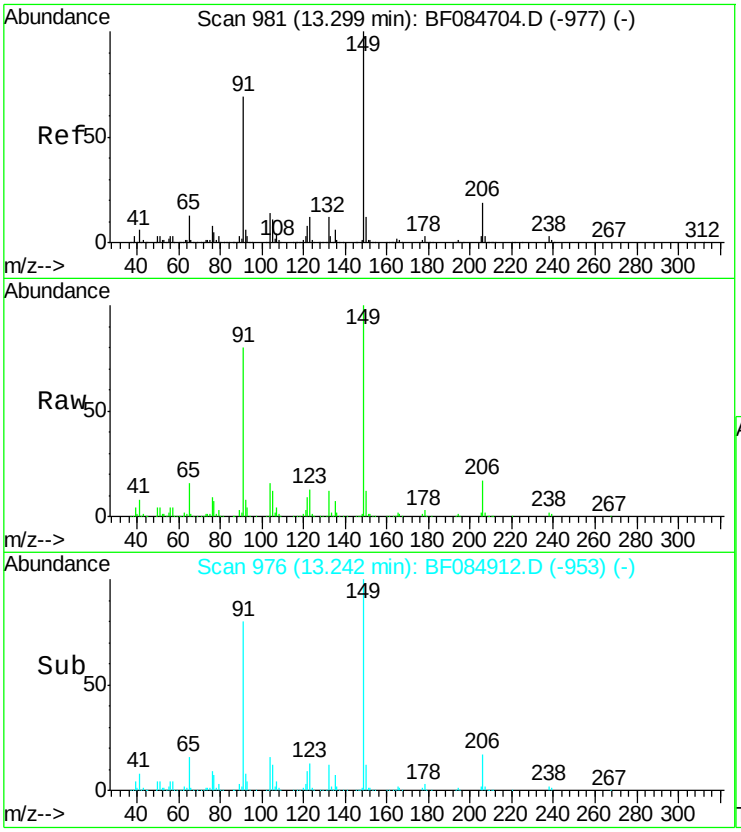


#78
Terphenyl-d14
Concen: 99.71 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:244 Resp: 1389511

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	14.1	7.4	11.0#

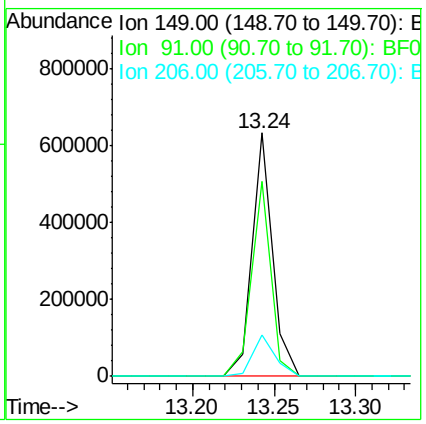




#79
Butylbenzylphthalate
Concen: 50.18 ng
RT: 13.24 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:149 Resp: 550366

Ion	Ratio	Lower	Upper
149	100		
91	80.3	57.6	86.4
206	17.2	13.2	19.8



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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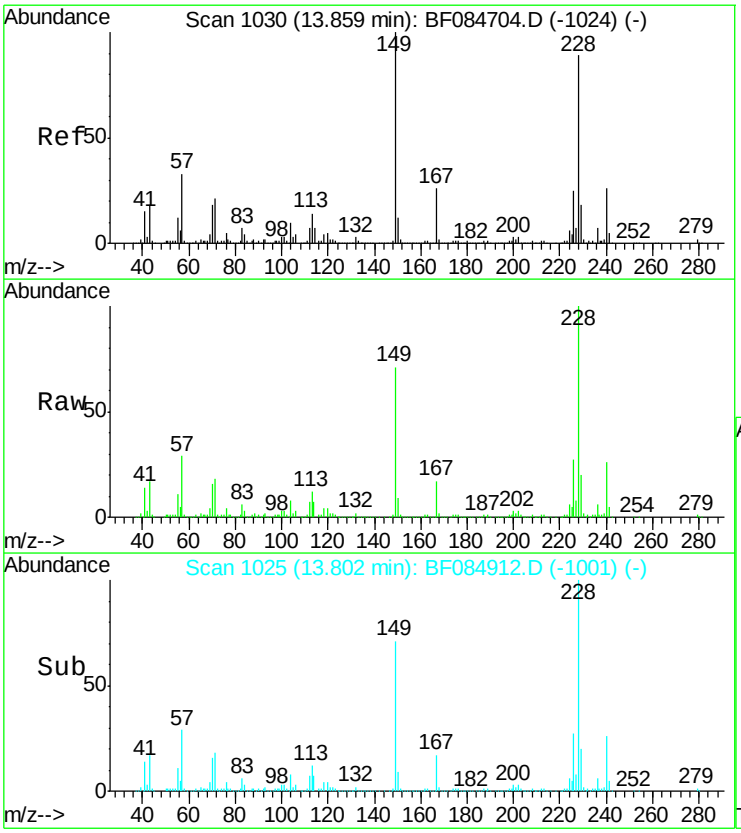
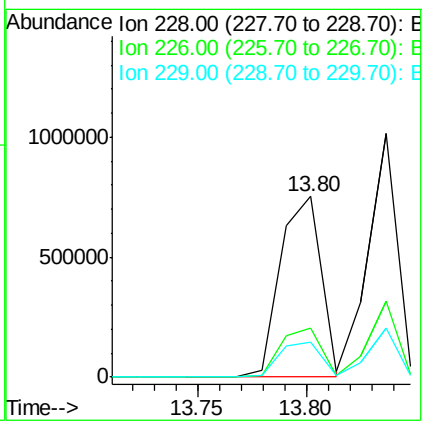
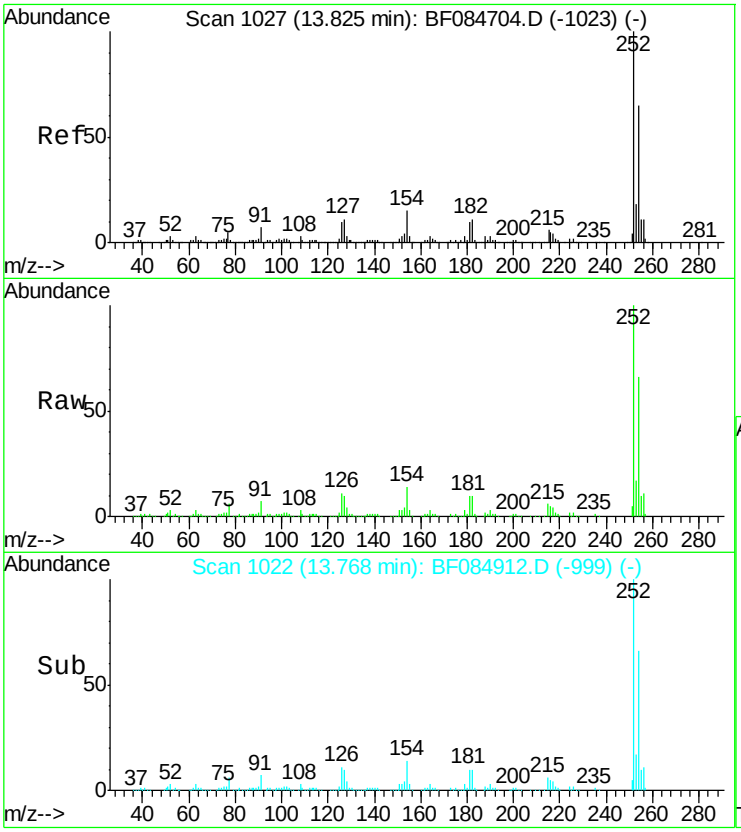


#80
Benzo(a)anthracene
Concen: 50.39 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:228 Resp: 987563

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.6
229	19.6	15.8	23.8

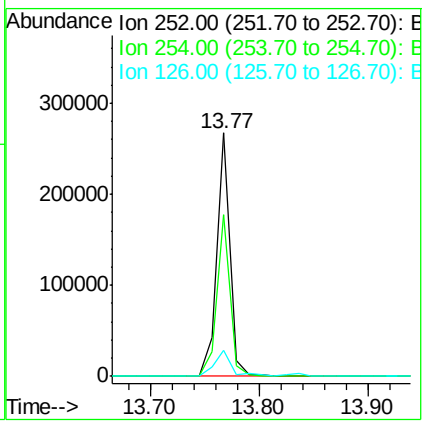




#81
3,3'-Dichlorobenzidine
Concen: 32.90 ng
RT: 13.77 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:252 Resp: 228320

Ion	Ratio	Lower	Upper
252	100		
254	66.5	53.5	80.3
126	10.5	4.9	7.3#



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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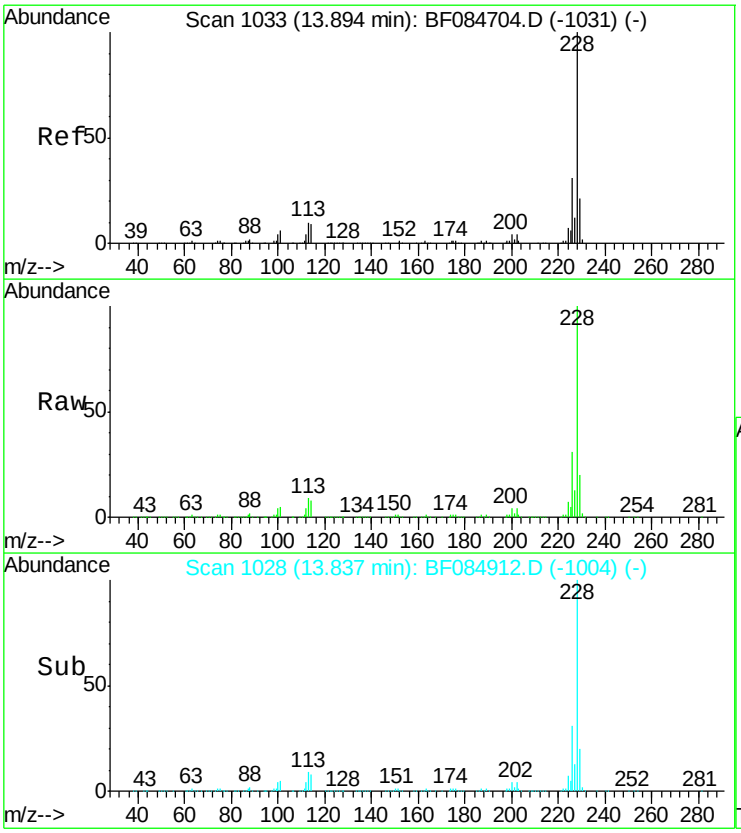
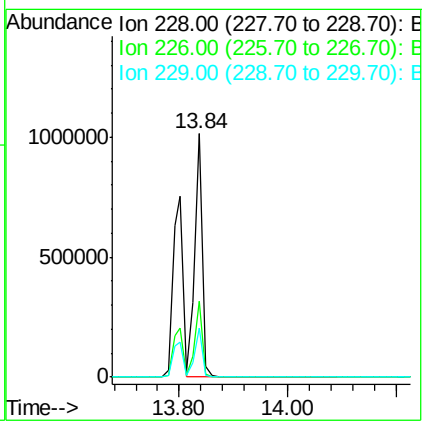
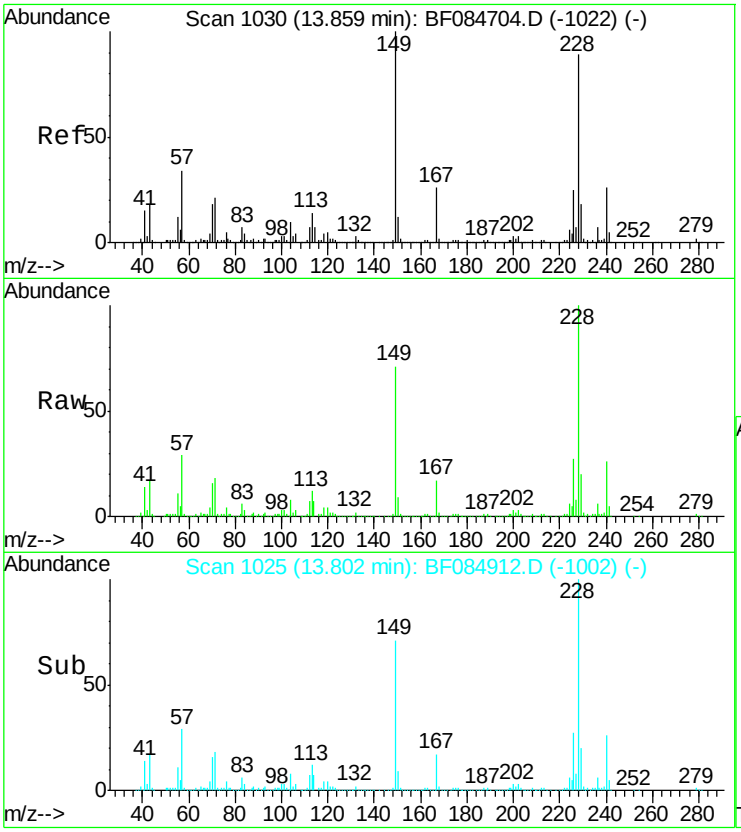


#82
Chrysene
Concen: 50.17 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:228 Resp: 953556

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.3	36.5
229	20.0	16.1	24.1





#83
Bis(2-ethylhexyl)phthalate
Concen: 53.33 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:149 Resp: 727909

Ion	Ratio	Lower	Upper
149	100		
167	24.6	19.7	29.5
279	1.7	1.8	2.6#

Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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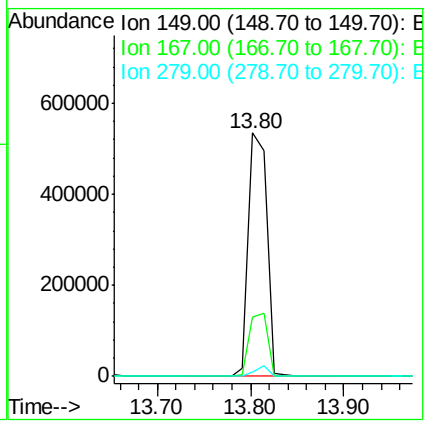
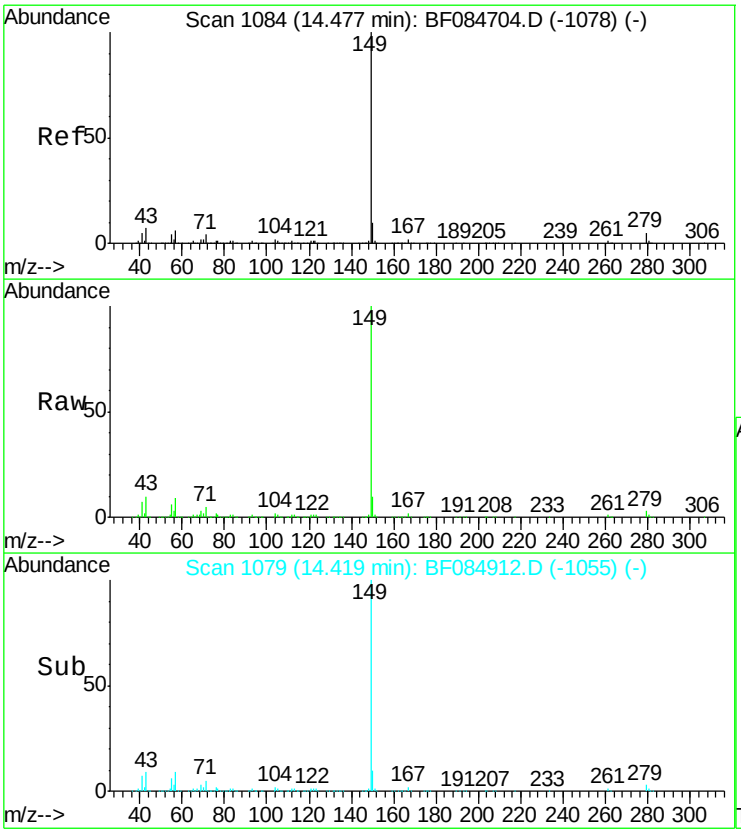
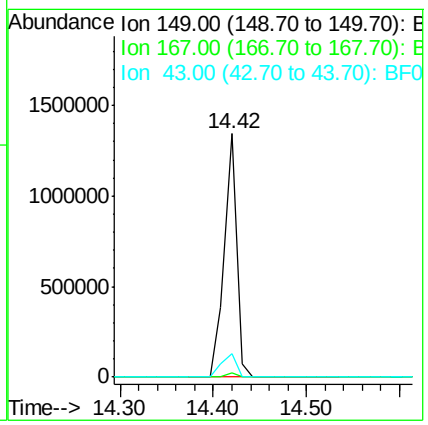


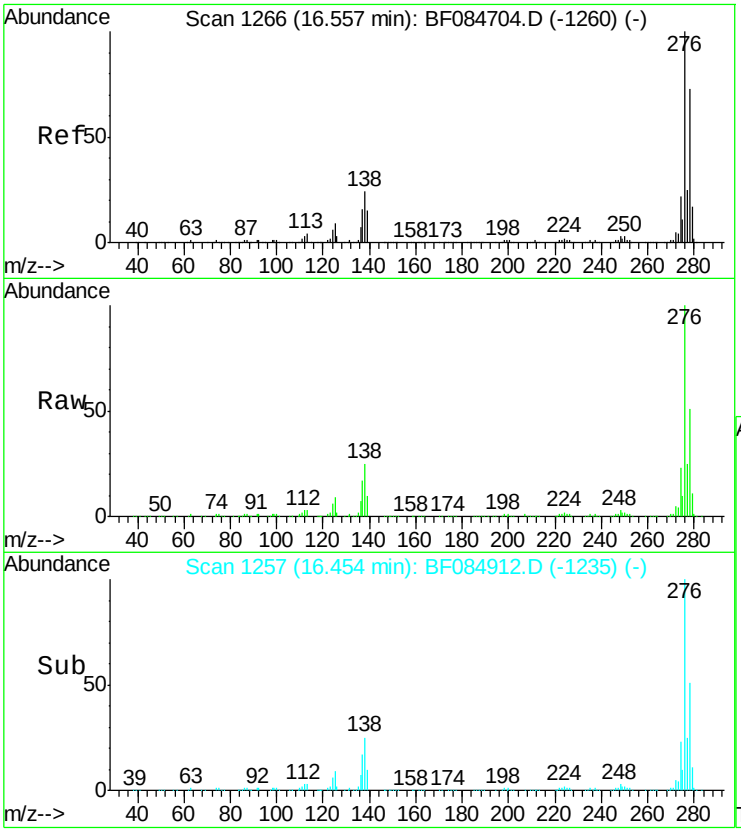


#84
Di-n-octyl phthalate
Concen: 55.40 ng
RT: 14.42 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:149 Resp: 1247417

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.4	5.6	8.4#





#85
Indeno(1,2,3-cd)pyrene
Concen: 60.10 ng
RT: 16.45 min Scan# 1257
Delta R.T. -0.05 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:276 Resp: 899034

Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.6	30.8
277	24.8	20.1	30.1

Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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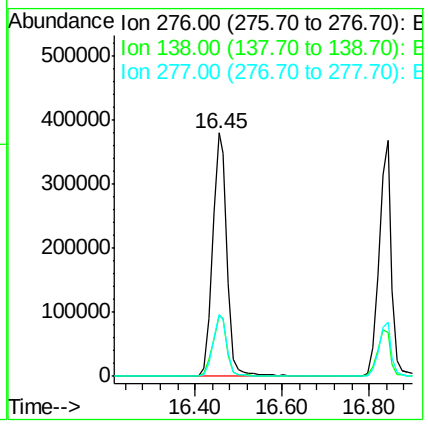
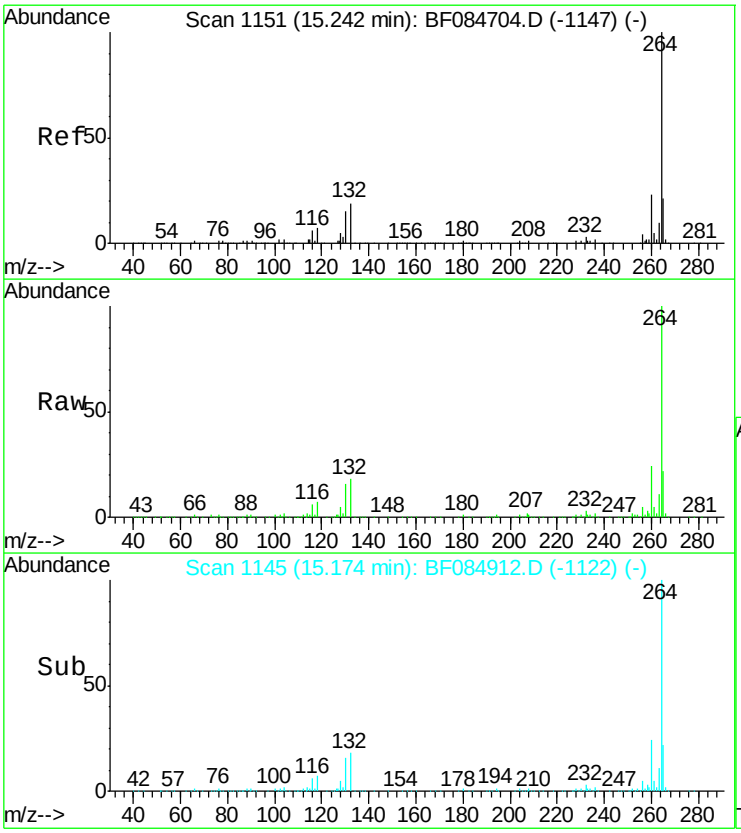
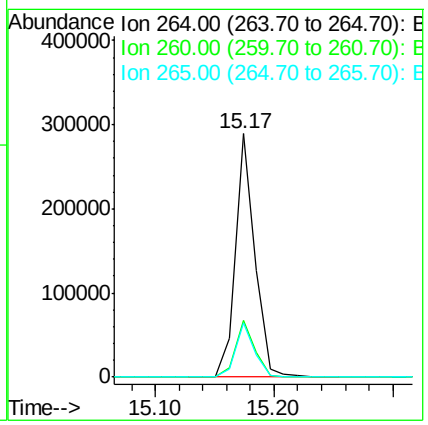


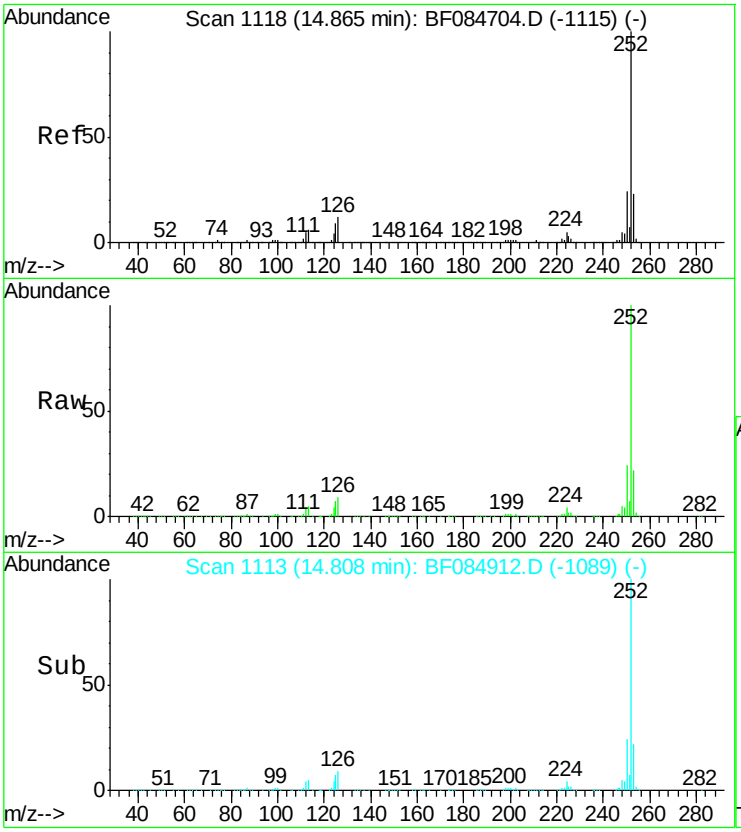


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:264 Resp: 327726

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	22.4	17.8	26.6

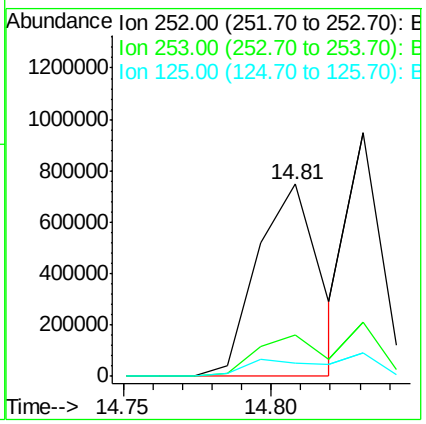




#87
Benzo(b)fluoranthene
Concen: 49.90 ng m
RT: 14.81 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:252 Resp: 1098851

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	7.0	6.5	9.7



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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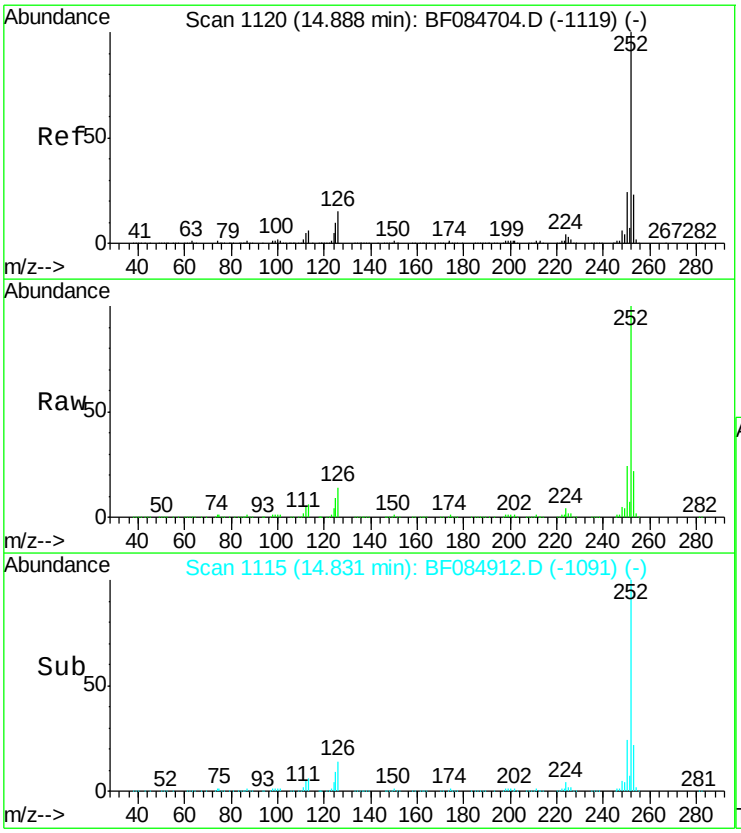
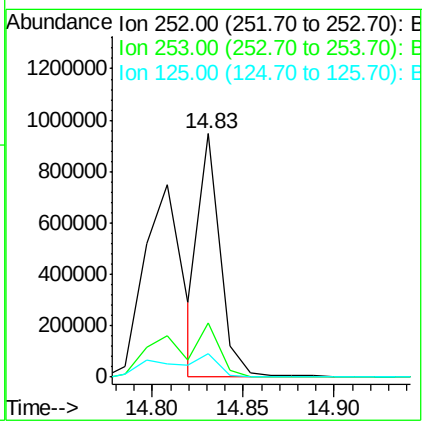
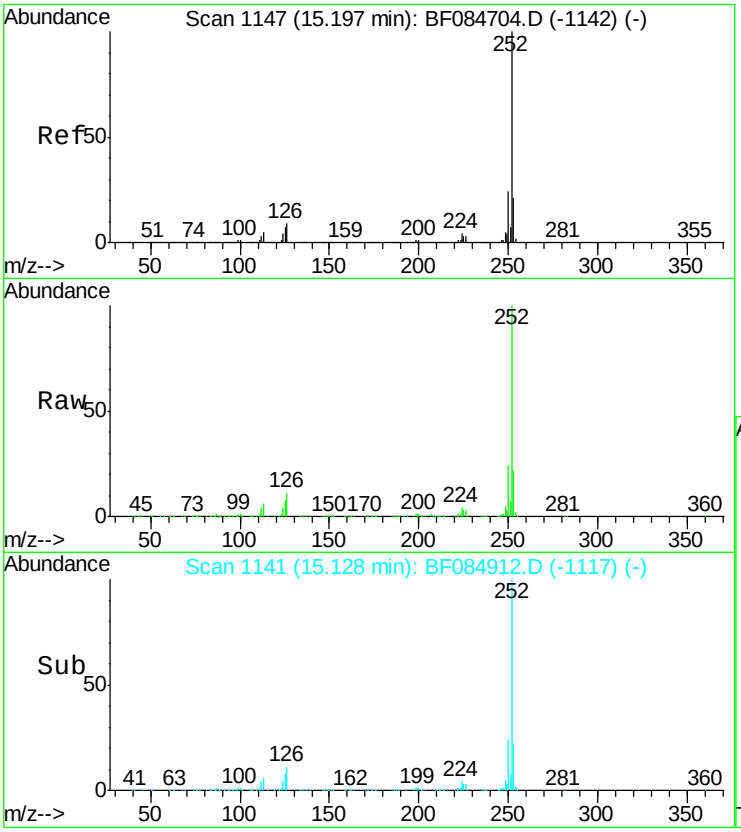


#88
Benzo(k)fluoranthene
Concen: 41.53 ng m
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:252 Resp: 756165

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	9.5	9.0	13.6

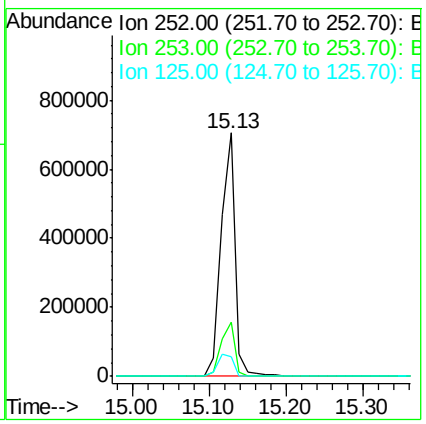




#89
Benzo(a)pyrene
Concen: 48.29 ng
RT: 15.13 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:252 Resp: 906061

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	8.0	7.0	10.4



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

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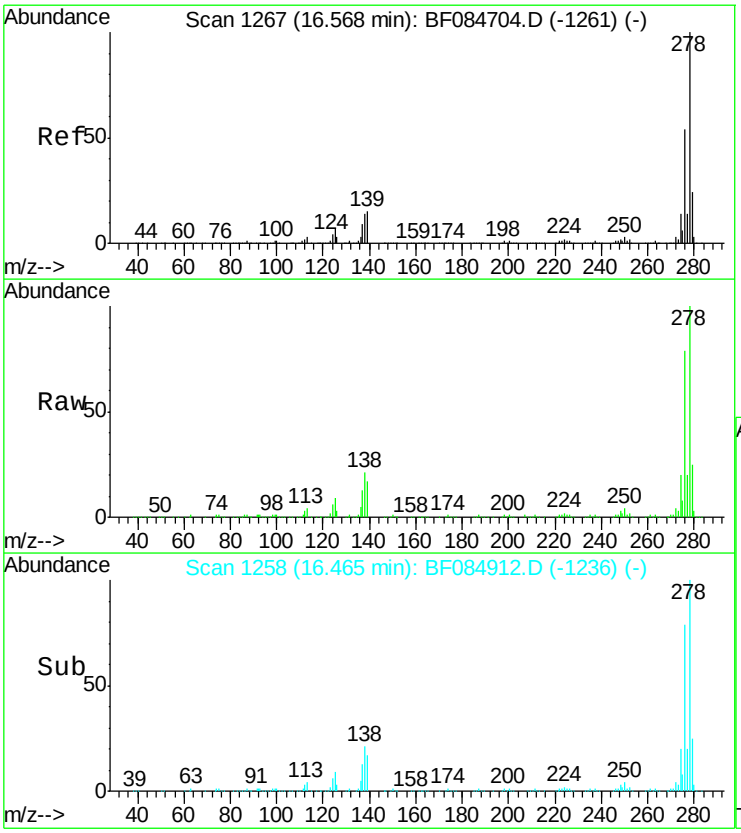
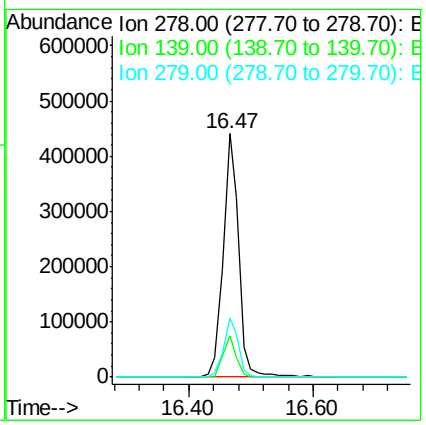
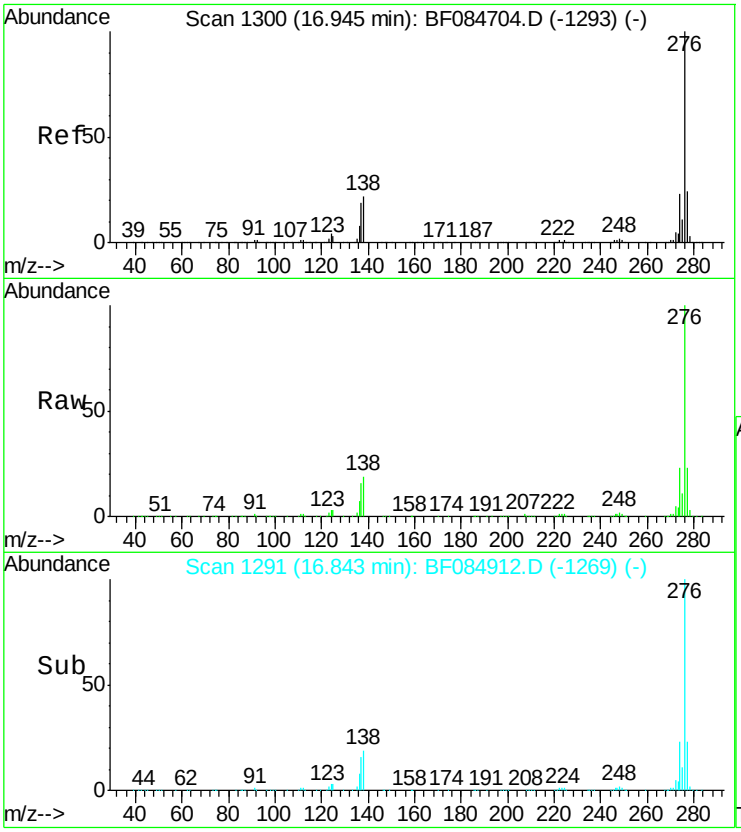


#90
Dibenzo(a,h)anthracene
Concen: 47.89 ng
RT: 16.47 min Scan# 1258
Delta R.T. -0.05 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:278 Resp: 756436

Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.0	22.4
279	24.6	18.9	28.3

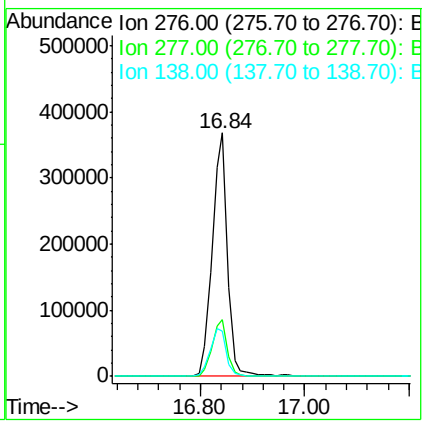




#91
Benzo(g,h,i)perylene
Concen: 46.36 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF084912.D
Acq: 6 Feb 2016 15:26

Tgt Ion:276 Resp: 737537

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	18.8	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)MSD

Manual Integrations APPROVED
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