Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092021.D
Acq On : 29 Dec 2016 13:26
Operator : UM/SJ
Sample : H6278-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Manual Integrations APPROVED
Sohil
12/30/2016 8:41:45 AM

Quant Time: Dec 29 14:53:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	206113	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	821118	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	417810	20.00	ng		-0.02
63) Phenanthrene-d10	11.21	188	681648	20.00	ng		-0.02
75) Chrysene-d12	13.85	240	487952	20.00	ng		-0.02
86) Perylene-d12	15.23	264	458140	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	827068	67.00	ng		-0.02
7) Phenol-d6	6.36	99	677366	44.95	ng		-0.02
23) Nitrobenzene-d5	7.26	82	1354915	91.75	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	550218	159.13	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	2252803	115.03	ng		-0.02
78) Terphenyl-d14	12.80	244	2180892	108.40	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	116475	19.17	ng		96
3) Pyridine	2.91	79	187876	8.86	ng		94
4) n-Nitrosodimethylamine	2.83	42	129129	16.14	ng		99
6) Aniline	6.36	93	359594	18.37	ng	#	61
8) 2-Chlorophenol	6.49	128	503995	35.89	ng		90
9) Benzaldehyde	6.24	77	86601	7.66	ng		97
10) Phenol	6.37	94	253186	14.74	ng	#	70
11) bis(2-Chloroethyl)ether	6.43	93	565878	41.41	ng		96
12) 1,3-Dichlorobenzene	6.64	146	634148	42.31	ng		99
13) 1,4-Dichlorobenzene	6.70	146	617210	40.45	ng		98
14) 1,2-Dichlorobenzene	6.86	146	577589	43.63	ng		100
15) Benzyl Alcohol	6.85	79	290870	24.84	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	891694	43.82	ng	#	40
17) 2-Methylphenol	6.98	107	344740	30.53	ng	#	87
18) Hexachloroethane	7.21	117	229144	40.51	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	480844	47.96	ng		100
20) 3+4-Methylphenols	7.14	107	411001	30.51	ng	#	72
22) Acetophenone	7.12	105	944327	46.63	ng	#	88
24) Nitrobenzene	7.29	77	761129	48.39	ng		93
25) Isophorone	7.53	82	1281303	47.03	ng		96
26) 2-Nitrophenol	7.60	139	326617	42.11	ng		91
27) 2,4-Dimethylphenol	7.65	122	433808	33.72	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	851444	51.54	ng		99
29) 2,4-Dichlorophenol	7.86	162	473726	43.49	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	543085	45.50	ng		98
31) Naphthalene	8.01	128	1725304	45.91	ng		99
32) Benzoic acid	7.76	122	60076	6.30	ng		86
33) 4-Chloroaniline	8.06	127	357300	21.09	ng	#	93
34) Hexachlorobutadiene	8.12	225	272994	43.33	ng		99
35) Caprolactam	8.44	113	20048	5.60	ng	#	77
36) 4-Chloro-3-methylphenol	8.56	107	499545	39.85	ng		100
37) 2-Methylnaphthalene	8.69	142	1099759	50.52	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	525449	49.78	ng		98
40) Hexachlorocyclopentadiene	8.85	237	449876	94.91	ng		97

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
Sohil
12/30/2016 8:41:45 AM

Quant Time: Dec 29 14:53:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	332103	44.99	ng		96
43) 2,4,5-Trichlorophenol	9.04	196	374834	49.34	ng	#	90
45) 1,1'-Biphenyl	9.16	154	1437293	50.24	ng		98
46) 2-Chloronaphthalene	9.18	162	1107247	48.87	ng		97
47) 2-Nitroaniline	9.29	65	362929	44.99	ng		96
48) Acenaphthylene	9.60	152	1556099	44.66	ng		99
49) Dimethylphthalate	9.47	163	1262920	47.26	ng		98
50) 2,6-Dinitrotoluene	9.54	165	289904	49.57	ng	#	72
51) Acenaphthene	9.77	154	1000127	42.34	ng		99
52) 3-Nitroaniline	9.70	138	198961	27.49	ng		96
53) 2,4-Dinitrophenol	9.81	184	210253	64.61	ng	#	89
54) Dibenzofuran	9.94	168	1345008	42.16	ng		98
55) 4-Nitrophenol	9.88	139	135111	27.49	ng	#	79
56) 2,4-Dinitrotoluene	9.94	165	383909	52.30	ng		94
57) Fluorene	10.28	166	1071644	46.17	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	295716	49.21	ng		98
59) Diethylphthalate	10.17	149	1257169	48.44	ng		99
60) 4-Chlorophenyl-phenylether	10.28	204	525617	51.72	ng	#	79
61) 4-Nitroaniline	10.32	138	283266	37.76	ng		98
62) Azobenzene	10.44	77	1464880	51.27	ng		85
64) 4,6-Dinitro-2-methylphenol	10.35	198	171137	41.52	ng		91
65) n-Nitrosodiphenylamine	10.40	169	1014599	50.16	ng		100
66) 4-Bromophenyl-phenylether	10.76	248	334630	47.19	ng		97
67) Hexachlorobenzene	10.83	284	373312	49.26	ng		98
68) Atrazine	10.93	200	309076	47.37	ng		96
69) Pentachlorophenol	11.02	266	332160	89.32	ng		99
70) Phenanthrene	11.24	178	1837260	49.71	ng		99
71) Anthracene	11.29	178	1620003	52.35	ng		99
72) Carbazole	11.45	167	1451672	50.38	ng		99
73) Di-n-butylphthalate	11.79	149	2144127	62.85	ng		98
74) Fluoranthene	12.42	202	1624403	50.57	ng		99
76) Benzidine	12.54	184	337767	23.99	ng		97
77) Pyrene	12.65	202	1642047	45.87	ng		100
79) Butylbenzylphthalate	13.28	149	823303	50.56	ng		98
80) Benzo(a)anthracene	13.84	228	1424469	51.72	ng		100
81) 3,3'-Dichlorobenzidine	13.80	252	418555	40.07	ng		97
82) Chrysene	13.87	228	1340465	48.52	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	1095159	57.11	ng		99
84) Di-n-octyl phthalate	14.45	149	2075275	58.42	ng		100
85) Indeno(1,2,3-cd)pyrene	16.53	276	1226639	51.25	ng		99
87) Benzo(b)fluoranthene	14.85	252	1714309m	60.10	ng		
88) Benzo(k)fluoranthene	14.88	252	964017m	39.63	ng		
89) Benzo(a)pyrene	15.17	252	1203109	47.52	ng		99
90) Dibenzo(a,h)anthracene	16.56	278	1016406	48.85	ng	#	96
91) Benzo(g,h,i)perylene	16.93	276	1043733	48.24	ng		98

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

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Instrument :
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Manual Integrations APPROVED
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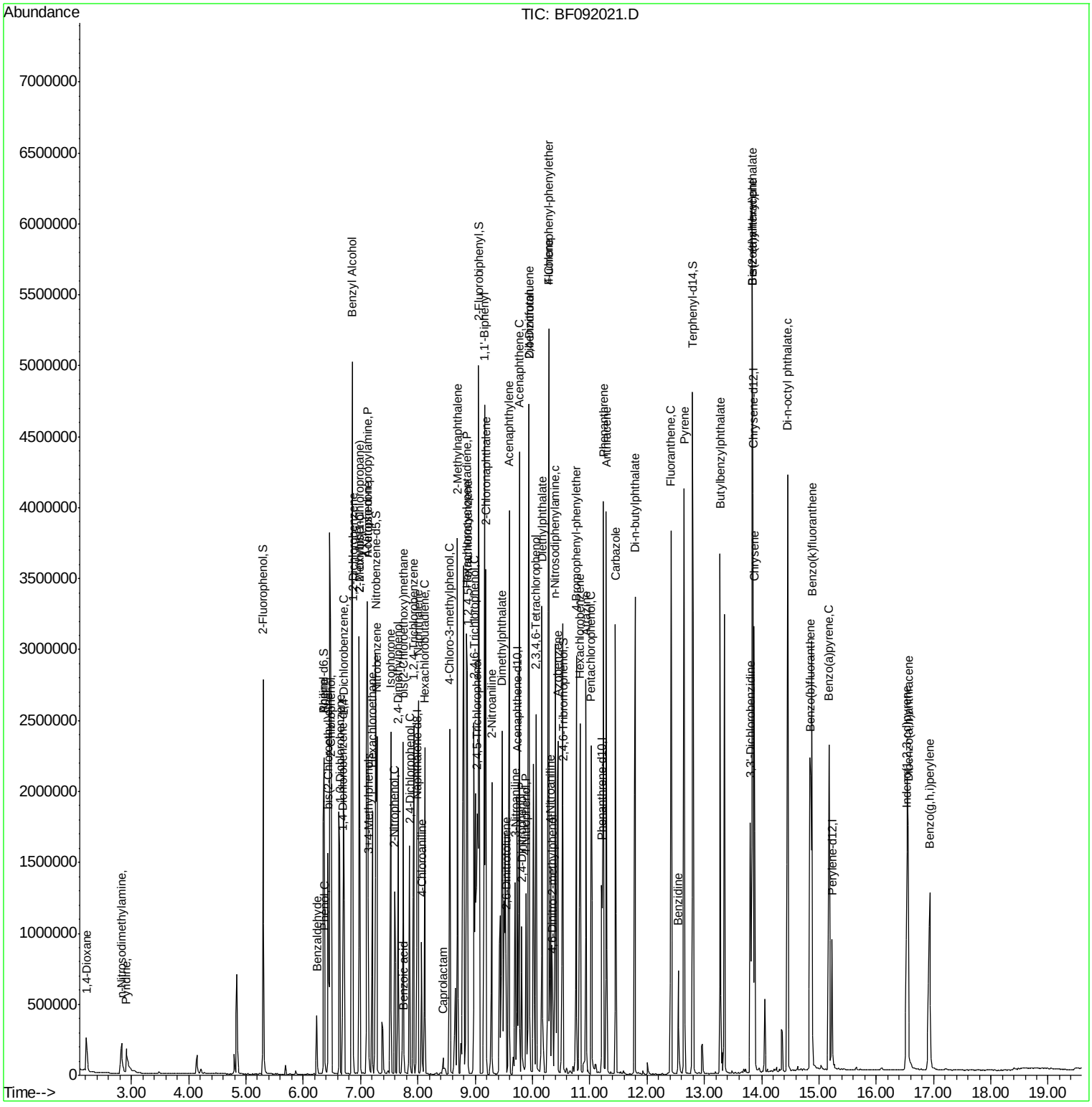
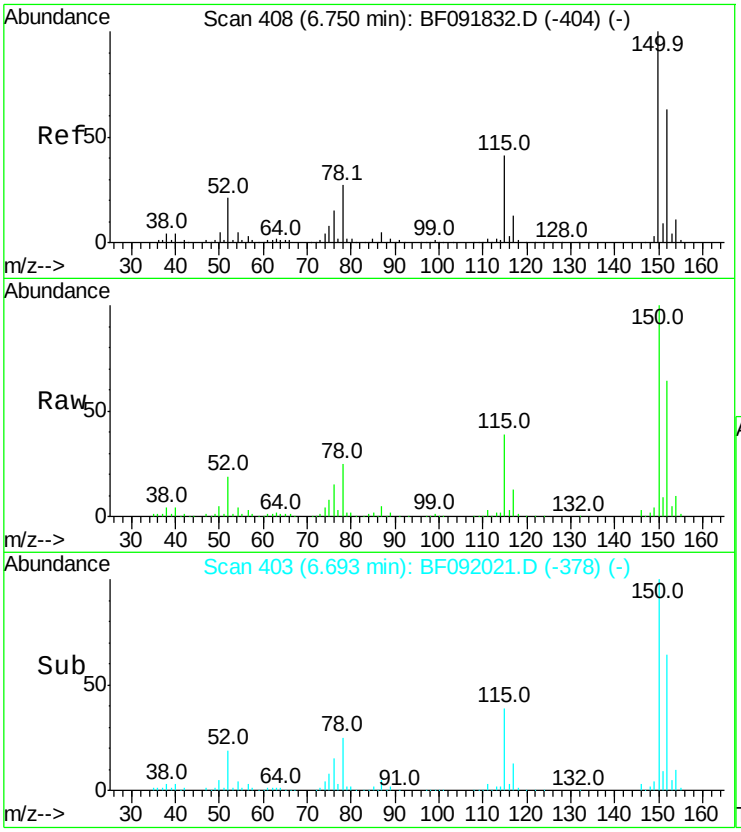
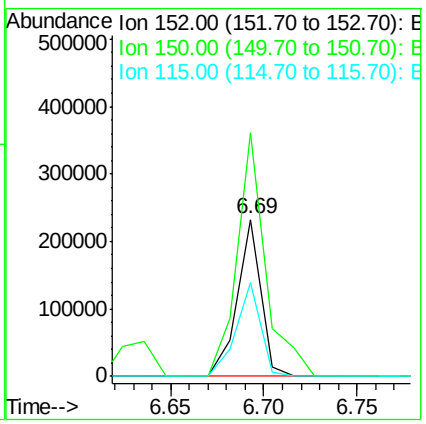




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:152 Resp: 206113

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.9	187.3
115	60.0	46.0	69.0



Instrument :
BNA_F
ClientSampleId :
MW-01MSD

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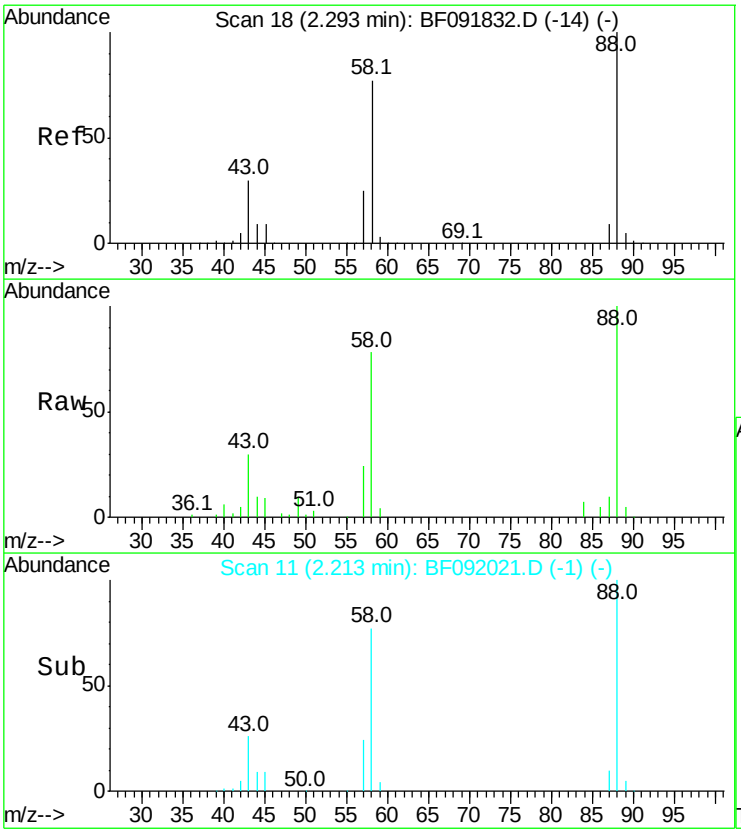
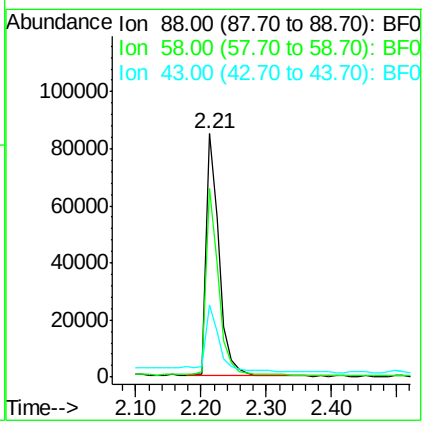
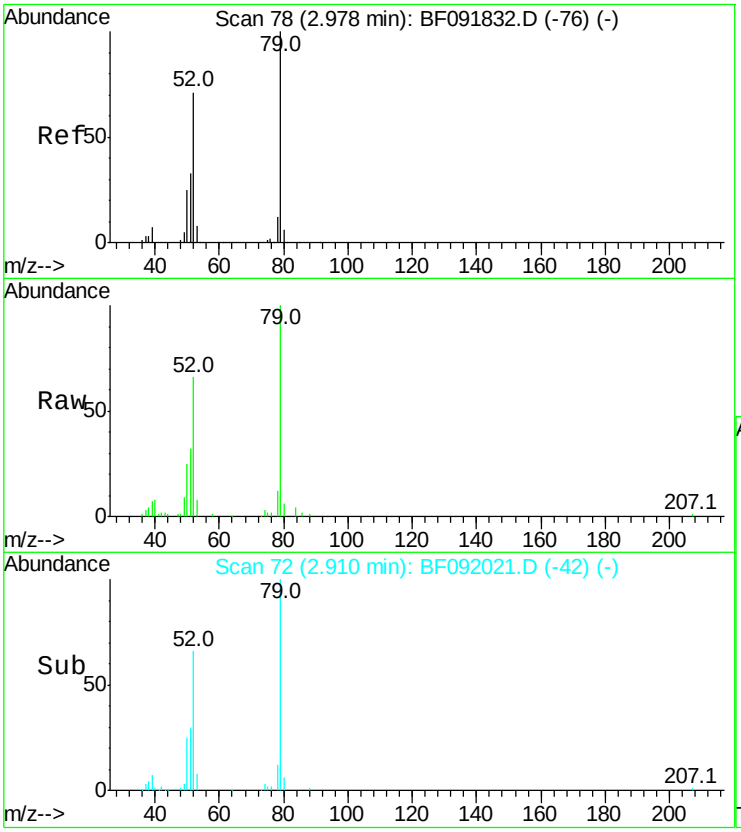


#2
1,4-Dioxane
Concen: 19.17 ng
RT: 2.21 min Scan# 11
Delta R.T. 0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion: 88 Resp: 116475

Ion	Ratio	Lower	Upper
88	100		
58	74.8	57.8	86.8
43	30.6	22.3	33.5

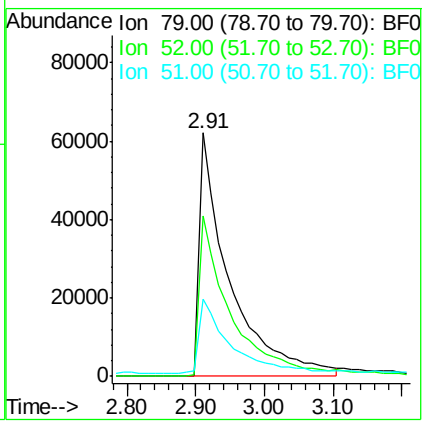




#3
Pyridine
Concen: 8.86 ng
RT: 2.91 min Scan# 72
Delta R.T. 0.05 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion: 79 Resp: 187876

Ion	Ratio	Lower	Upper
79	100		
52	65.7	57.1	85.7
51	31.6	27.3	40.9



Instrument :
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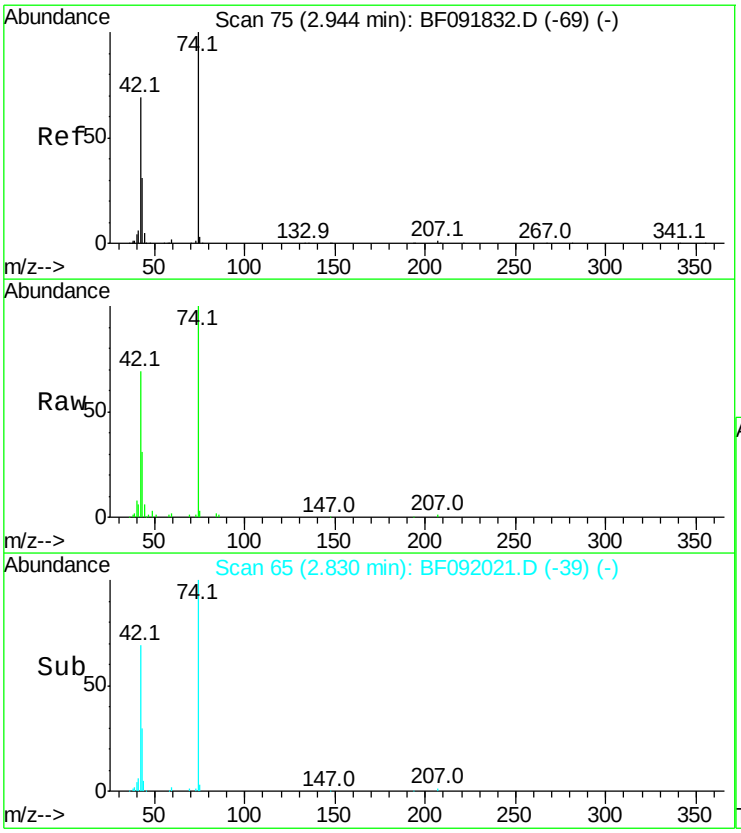
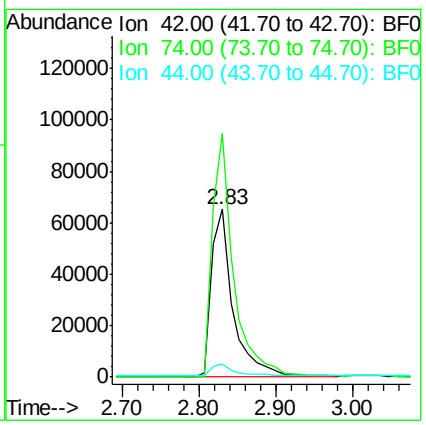
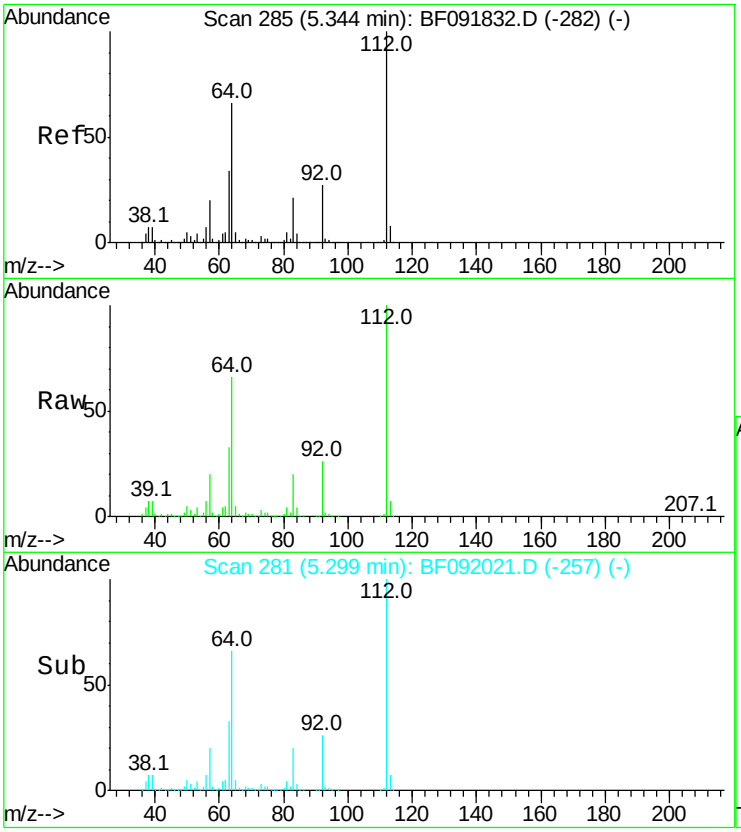


#4
n-Nitrosodimethylamine
Concen: 16.14 ng
RT: 2.83 min Scan# 65
Delta R.T. -0.00 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion: 42 Resp: 129129

Ion	Ratio	Lower	Upper
42	100		
74	145.2	117.0	175.4
44	8.1	5.5	8.3

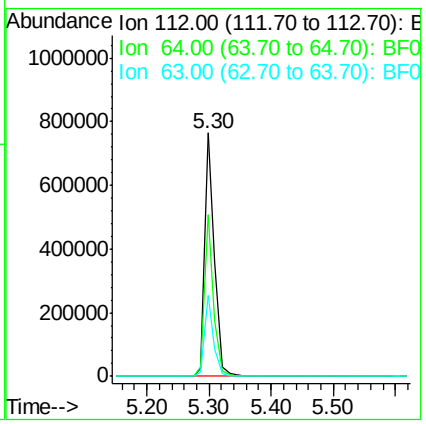




#5
2-Fluorophenol
Concen: 67.00 ng
RT: 5.30 min Scan# 281
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:112 Resp: 827068

Ion	Ratio	Lower	Upper
112	100		
64	66.3	46.1	69.1
63	33.4	23.8	35.6



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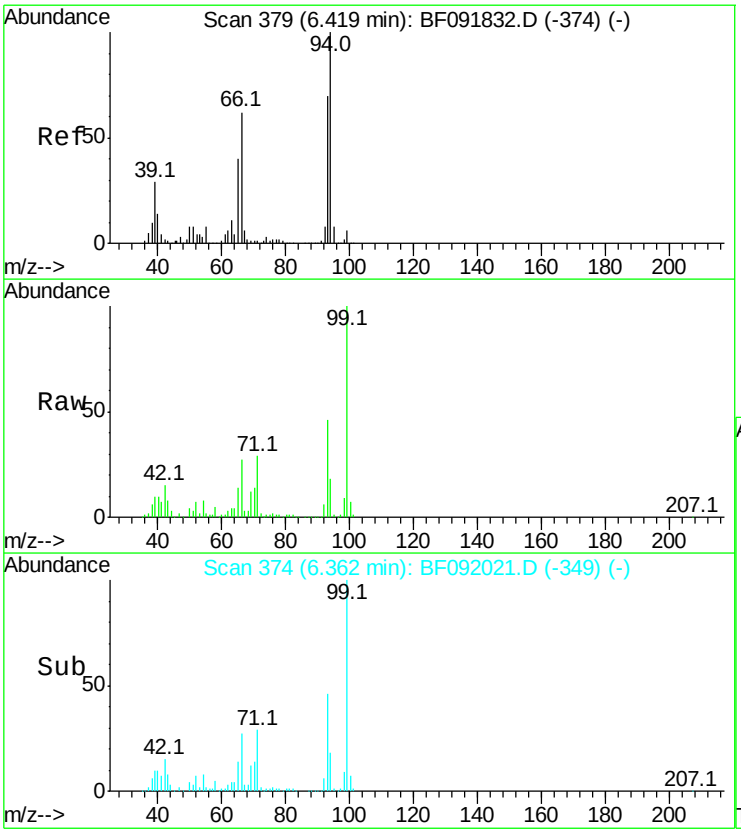
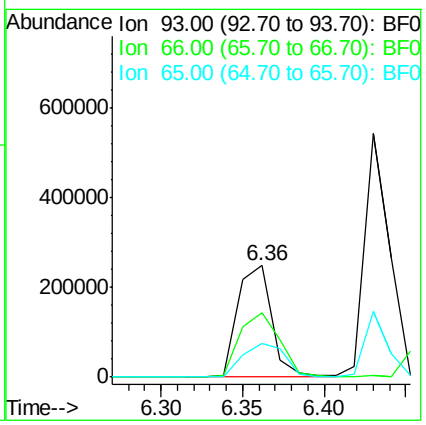
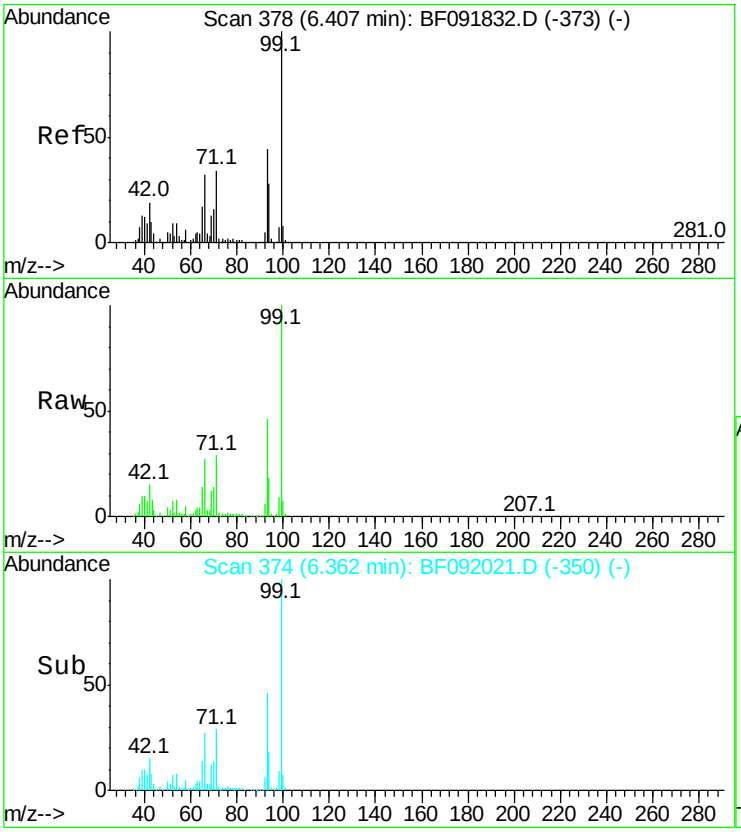


#6
Aniline
Concen: 18.37 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion: 93 Resp: 359594

Ion	Ratio	Lower	Upper
93	100		
66	58.3	76.2	114.2#
65	30.5	49.3	73.9#

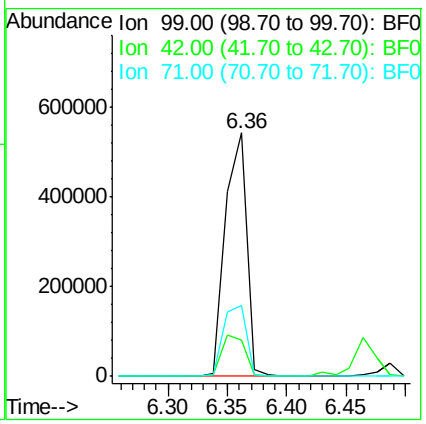




#7
Phenol-d6
Concen: 44.95 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion: 99 Resp: 677366

Ion	Ratio	Lower	Upper
99	100		
42	14.9	15.6	23.4#
71	29.1	27.5	41.3



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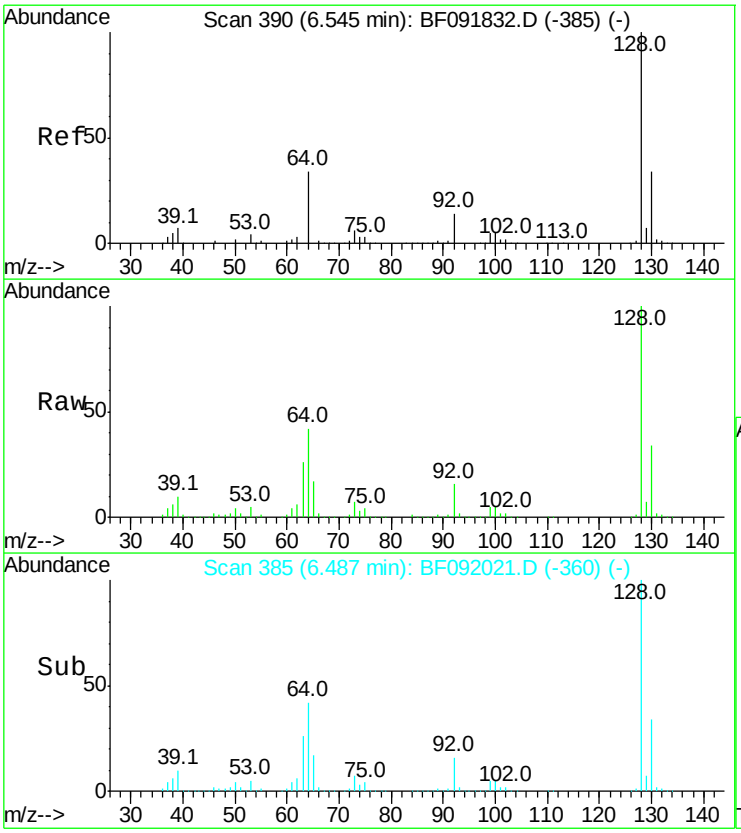
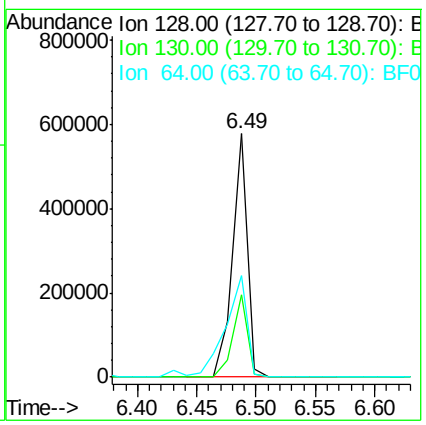
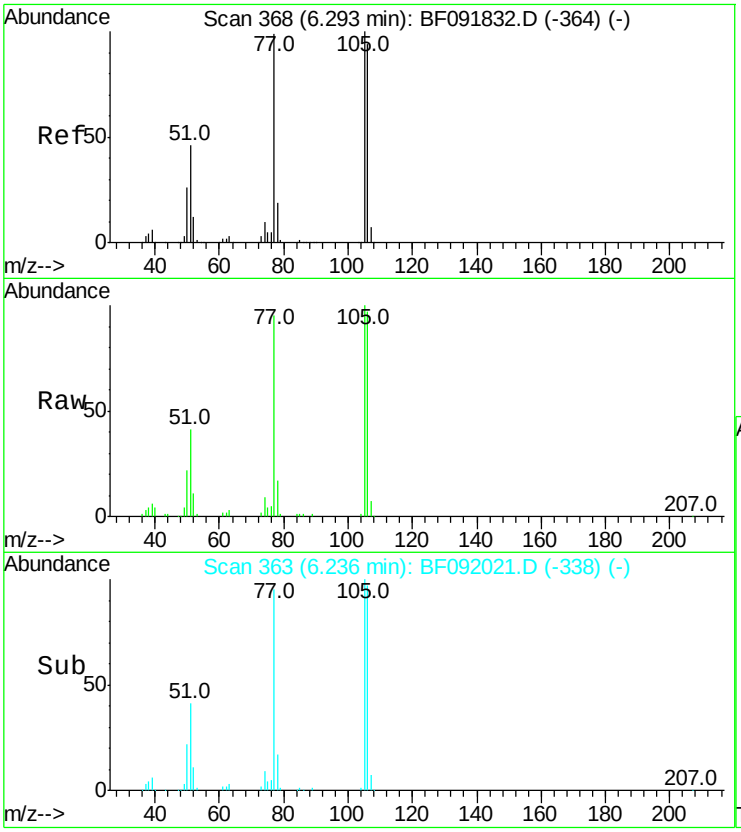


#8
2-Chlorophenol
Concen: 35.89 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:128 Resp: 503995

Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.3	52.3
64	41.9	32.2	72.2

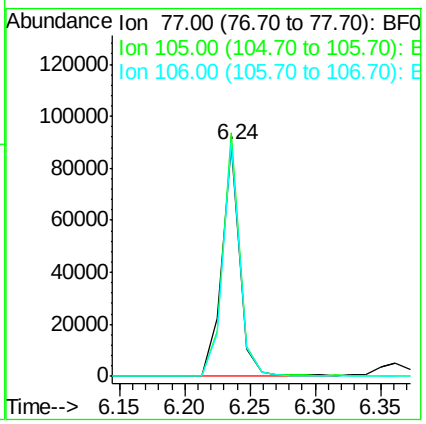




#9
Benzaldehyde
Concen: 7.66 ng
RT: 6.24 min Scan# 363
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion: 77 Resp: 86601

Ion	Ratio	Lower	Upper
77	100		
105	105.3	83.9	123.9
106	101.6	77.6	117.6



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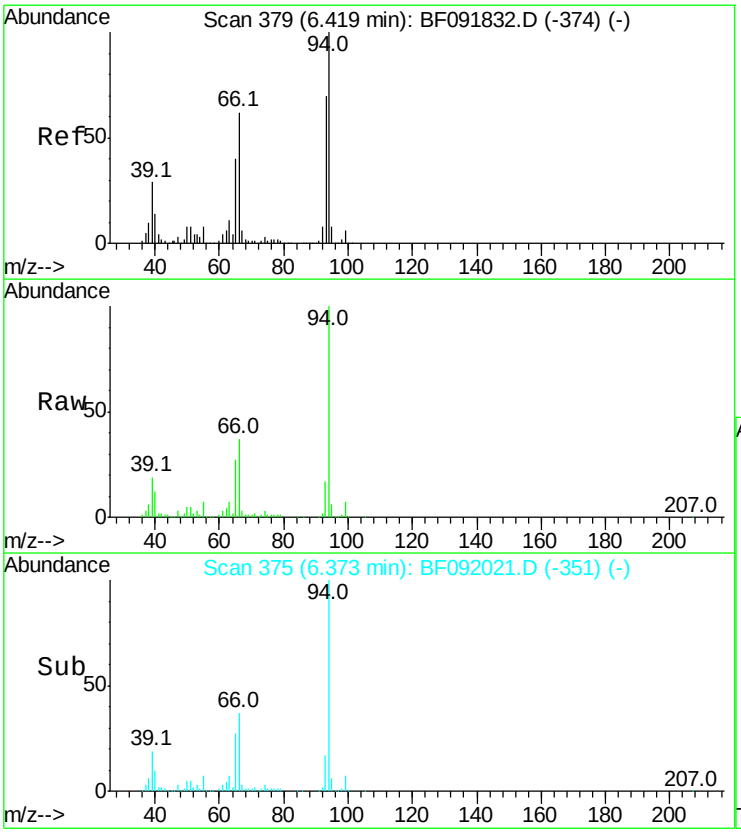
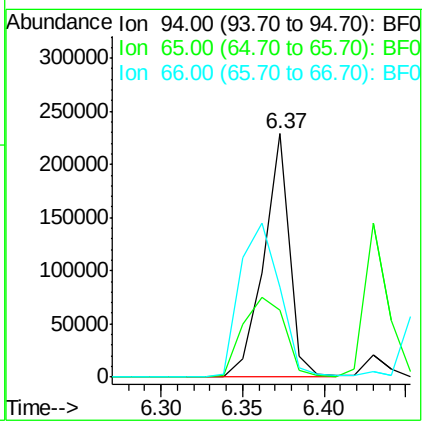
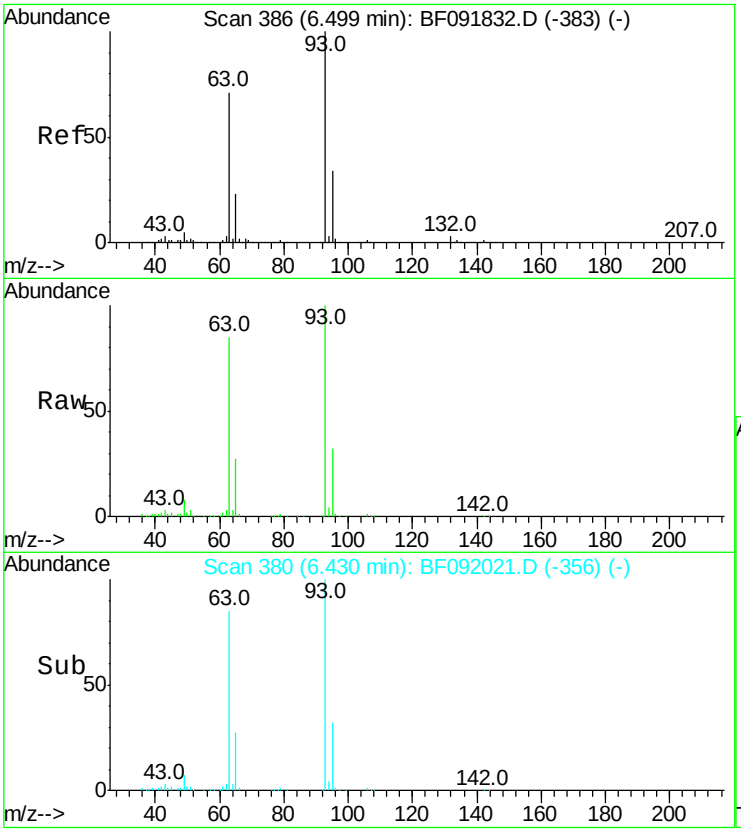


#10
Phenol
Concen: 14.74 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion: 94 Resp: 253186

Ion	Ratio	Lower	Upper
94	100		
65	27.4	21.4	61.4
66	36.9	44.0	84.0#

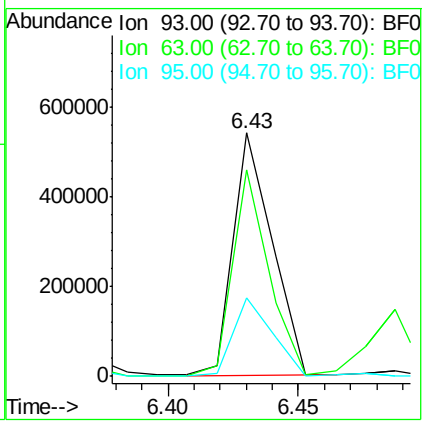




#11
bis(2-Chloroethyl)ether
Concen: 41.41 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion: 93 Resp: 565878

Ion	Ratio	Lower	Upper
93	100		
63	84.6	60.4	100.4
95	32.3	12.8	52.8



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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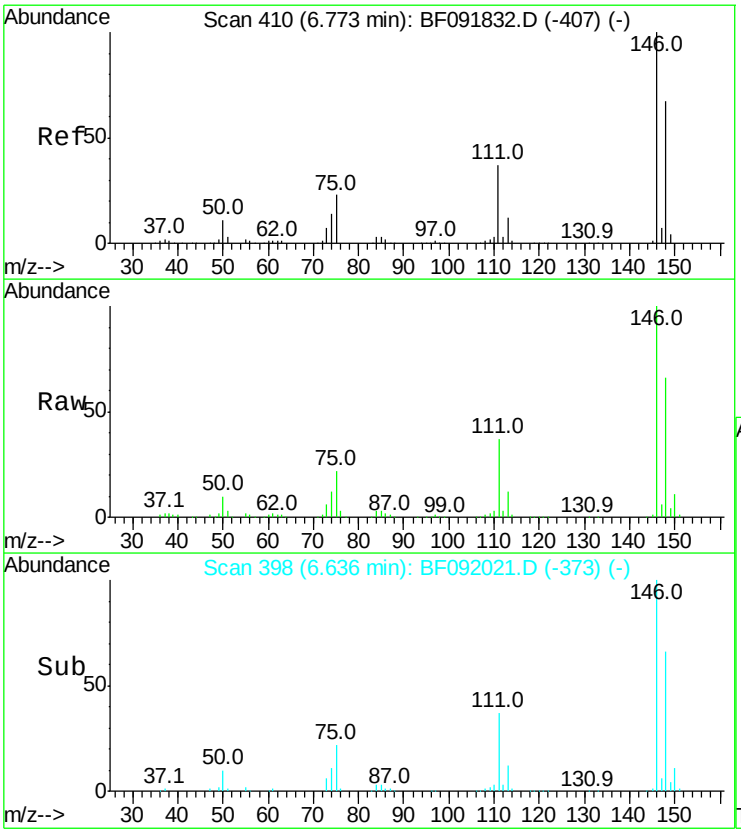
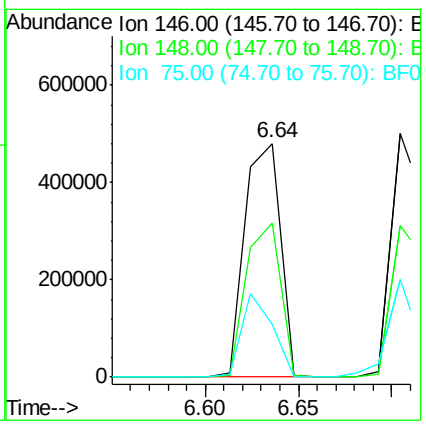
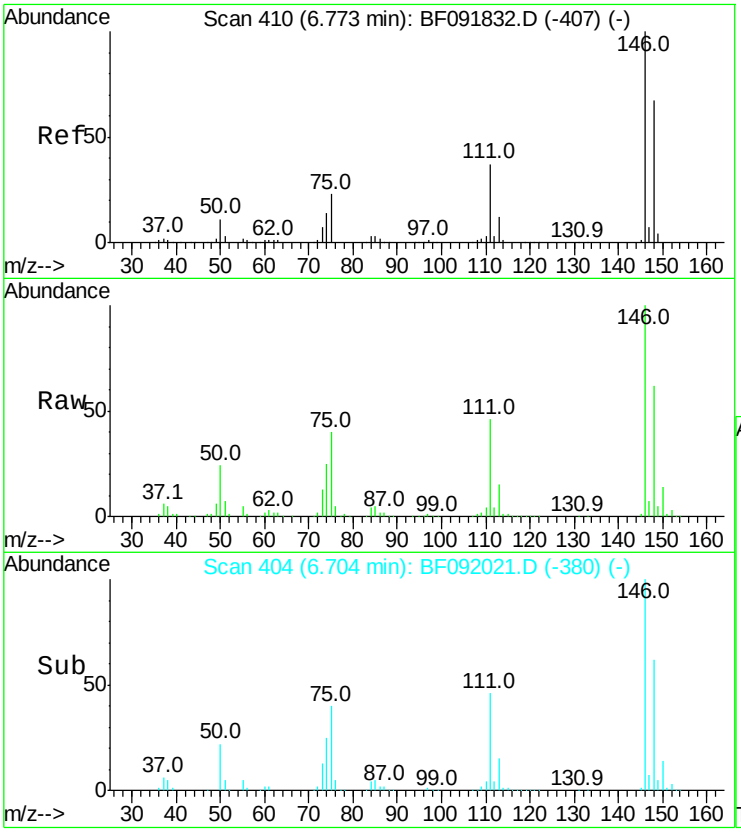


#12
1,3-Dichlorobenzene
Concen: 42.31 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:146 Resp: 634148

Ion	Ratio	Lower	Upper
146	100		
148	66.1	53.4	80.0
75	22.5	18.5	27.7

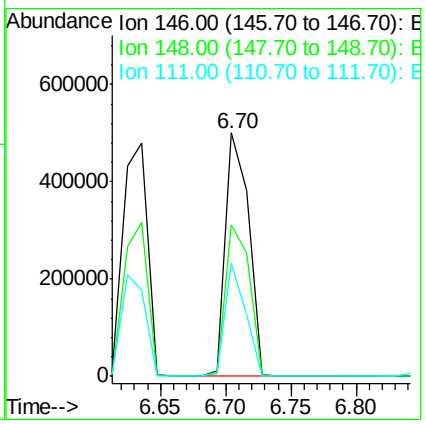




#13
1,4-Dichlorobenzene
Concen: 40.45 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:146 Resp: 617210

Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.6	76.0
111	46.4	36.2	54.4



Instrument :
BNA_F
ClientSampleId :
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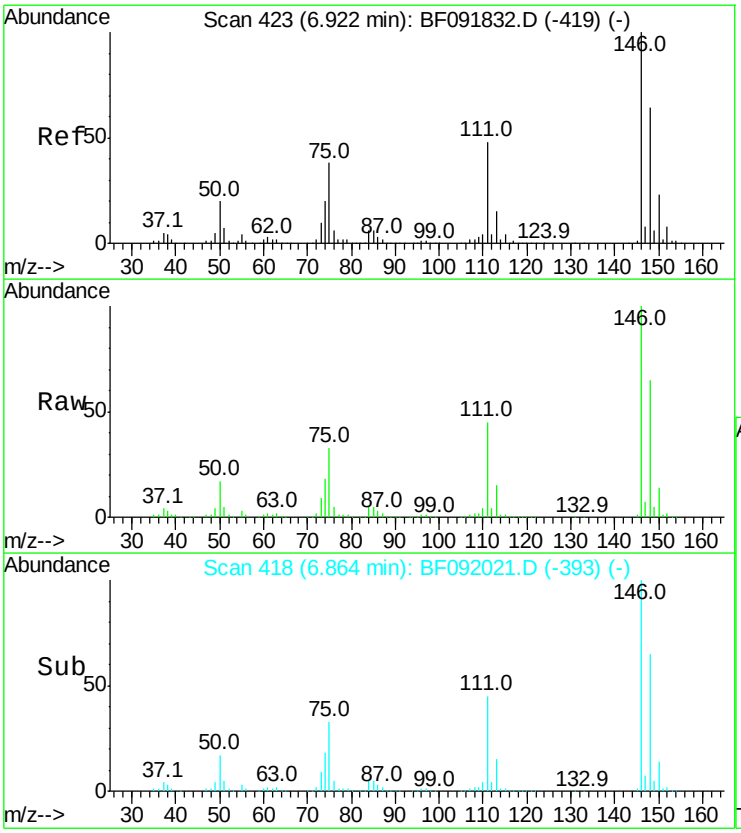
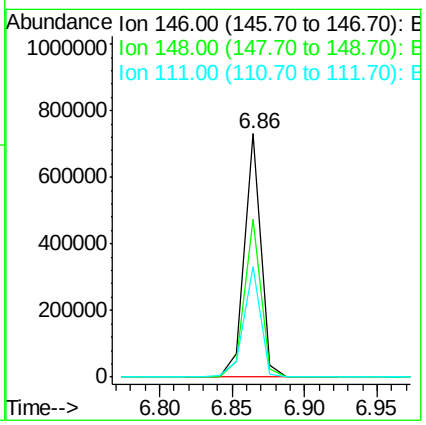
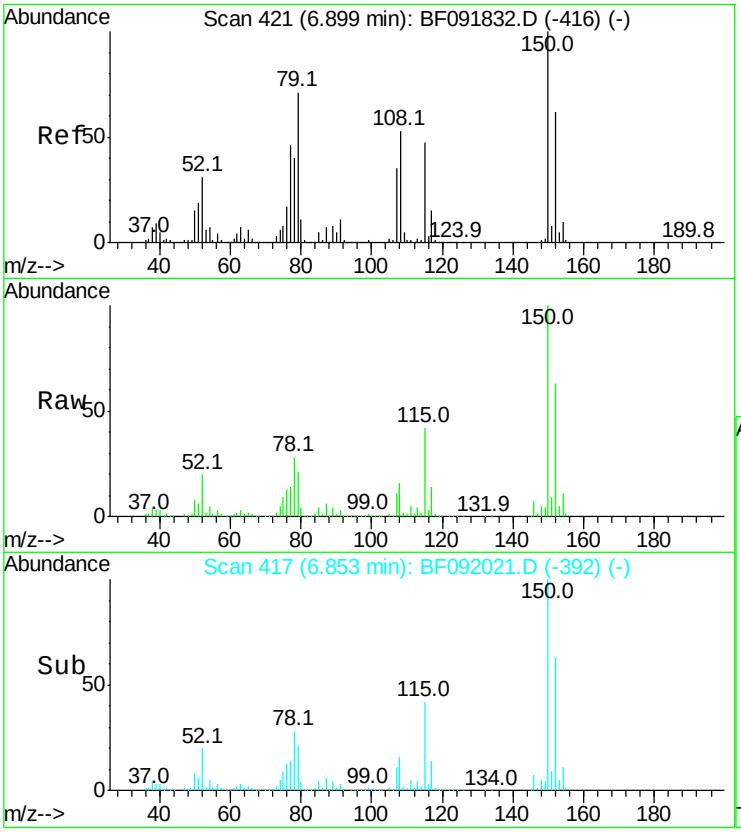


#14
1,2-Dichlorobenzene
Concen: 43.63 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:146 Resp: 577589

Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	45.4	36.2	54.2





#15
Benzyl Alcohol
Concen: 24.84 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion: 79 Resp: 290870

Ion	Ratio	Lower	Upper
79	100		
108	78.6	61.4	92.0
77	67.8	50.9	76.3

Instrument :
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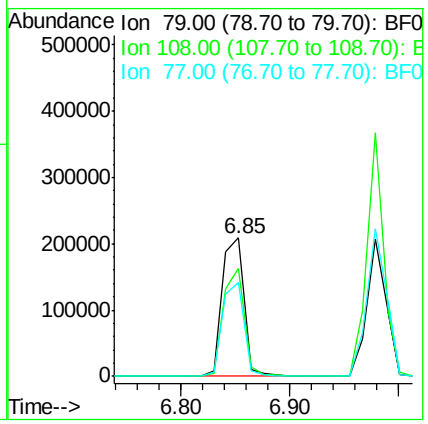
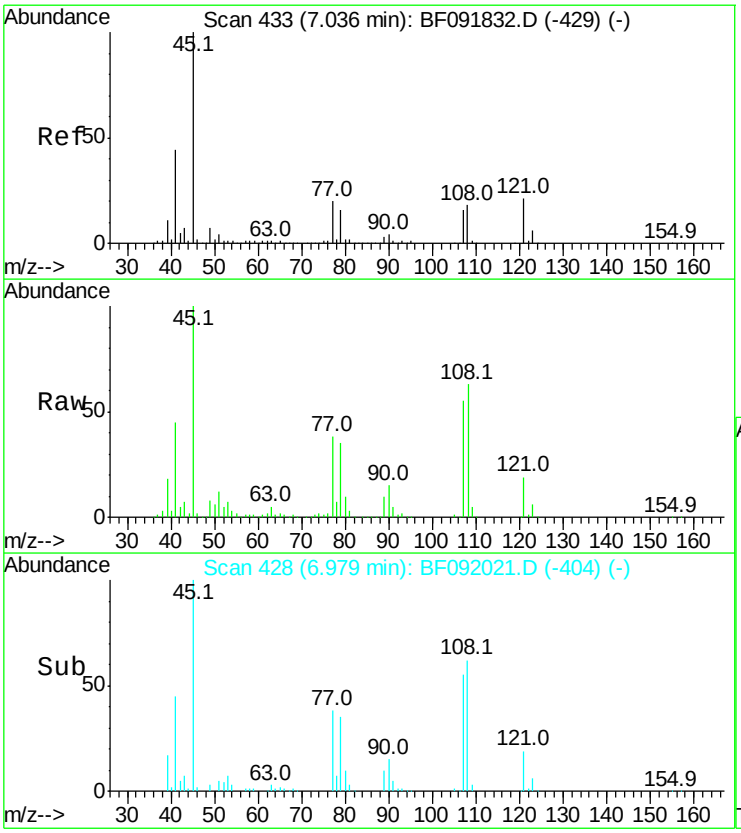
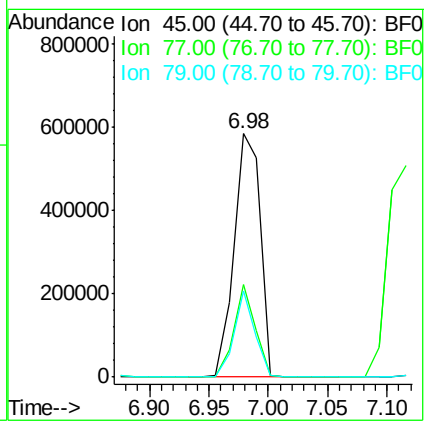


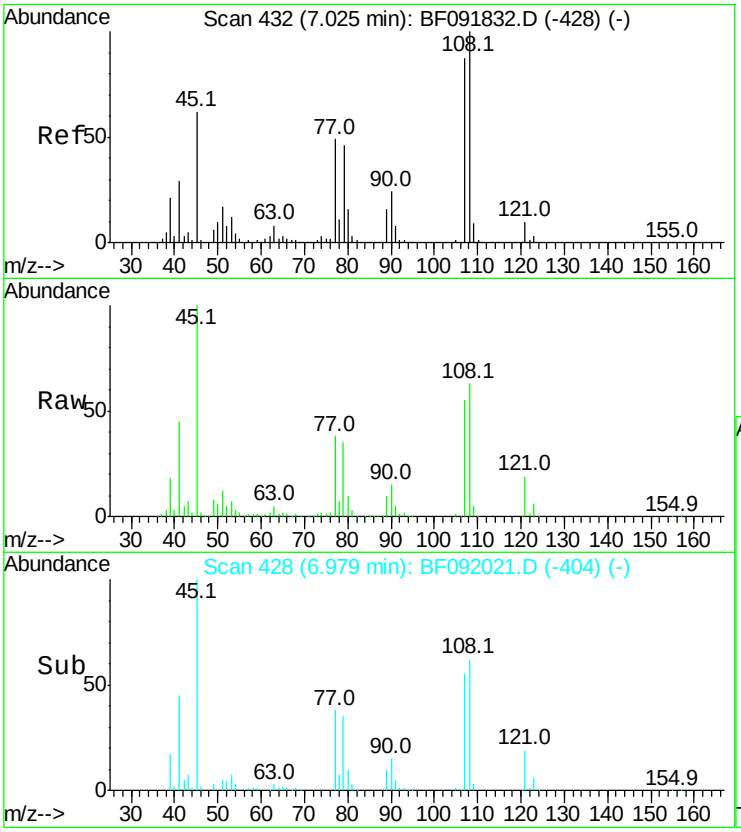


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.82 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion: 45 Resp: 891694

Ion	Ratio	Lower	Upper
45	100		
77	38.1	0.0	34.6#
79	35.5	0.0	31.2#

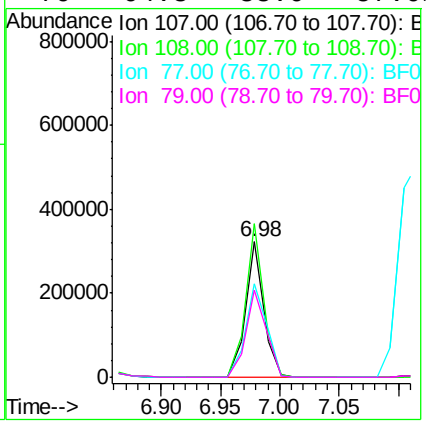




#17
2-Methylphenol
Concen: 30.53 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:107 Resp: 344740

Ion	Ratio	Lower	Upper
107	100		
108	113.9	93.0	139.6
77	69.2	39.8	59.8#
79	64.3	38.0	57.0#



Instrument :
BNA_F
ClientSampleId :
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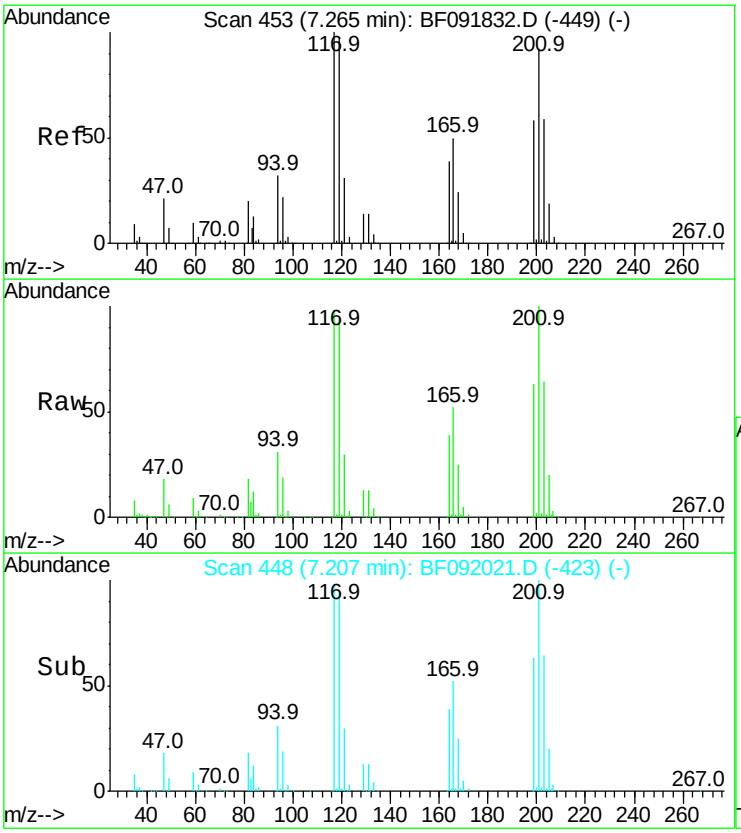
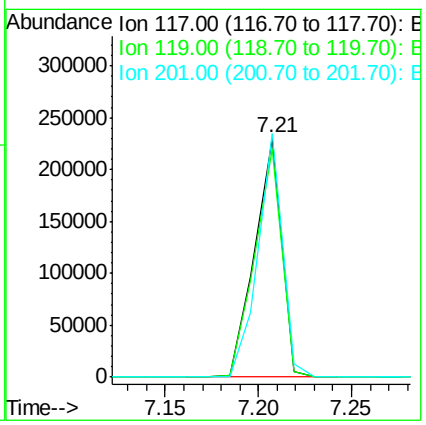
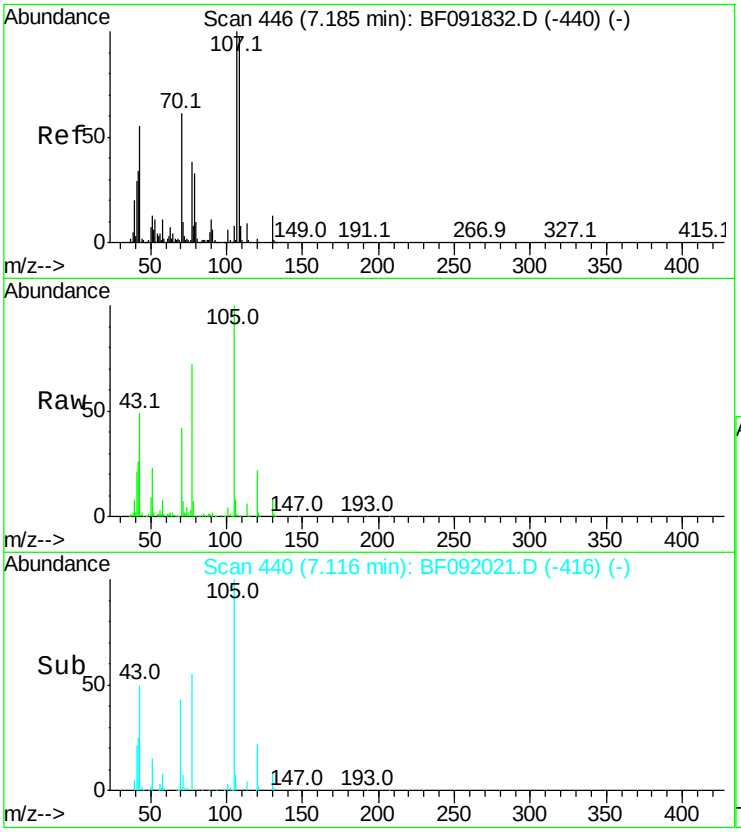


#18
Hexachloroethane
Concen: 40.51 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:117 Resp: 229144

Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.1	117.1
201	102.0	78.6	117.8

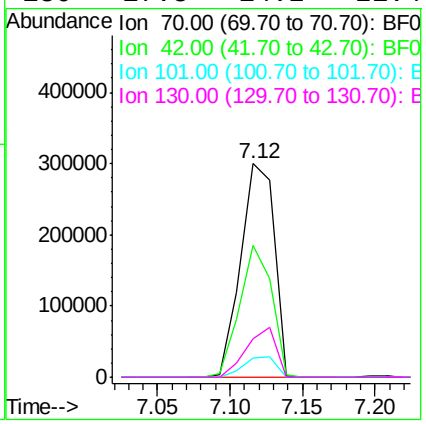




#19
n-Nitroso-di-n-propylamine
Concen: 47.96 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion: 70 Resp: 480844

Ion	Ratio	Lower	Upper
70	100		
42	61.9	49.4	74.0
101	8.7	7.4	11.2
130	17.8	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
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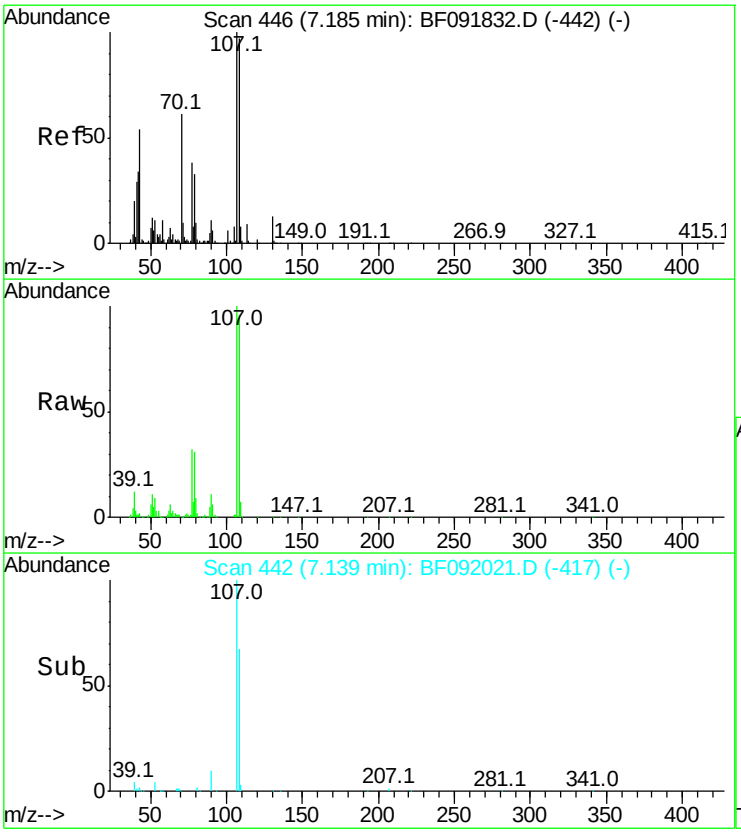
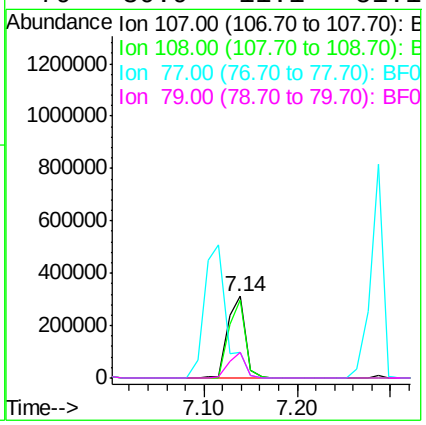
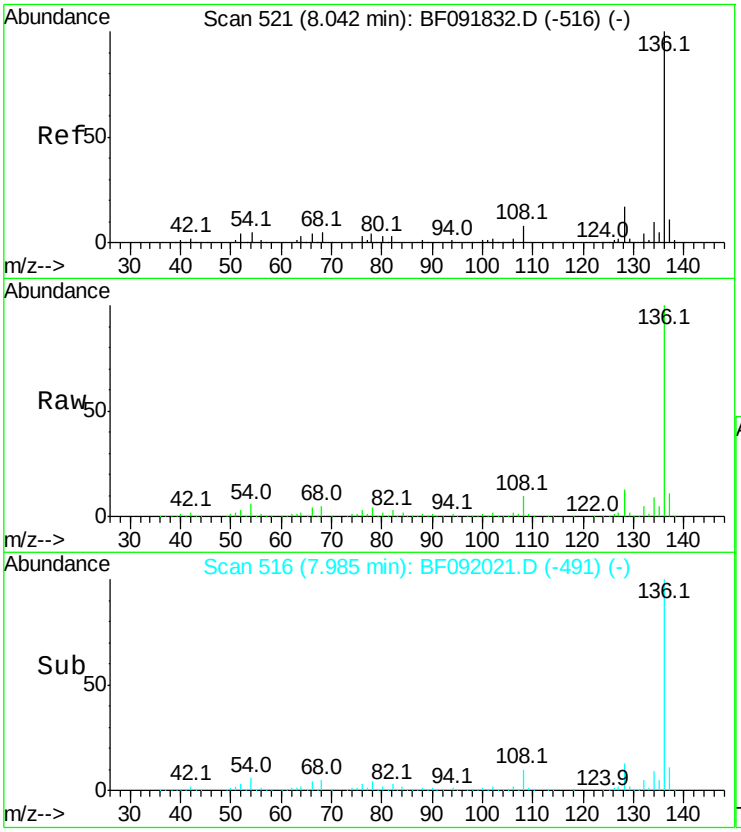


#20
3+4-Methylphenols
Concen: 30.51 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:107 Resp: 411001

Ion	Ratio	Lower	Upper
107	100		
108	95.7	73.0	113.0
77	31.9	71.3	111.3#
79	30.9	11.1	51.1

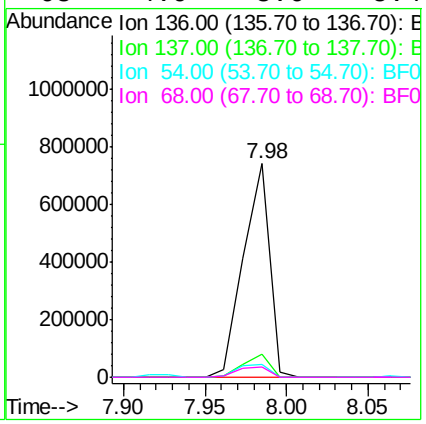




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:136 Resp: 821118

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.2	4.5	6.7
68	4.9	3.6	5.4



Instrument :
BNA_F
ClientSampleId :
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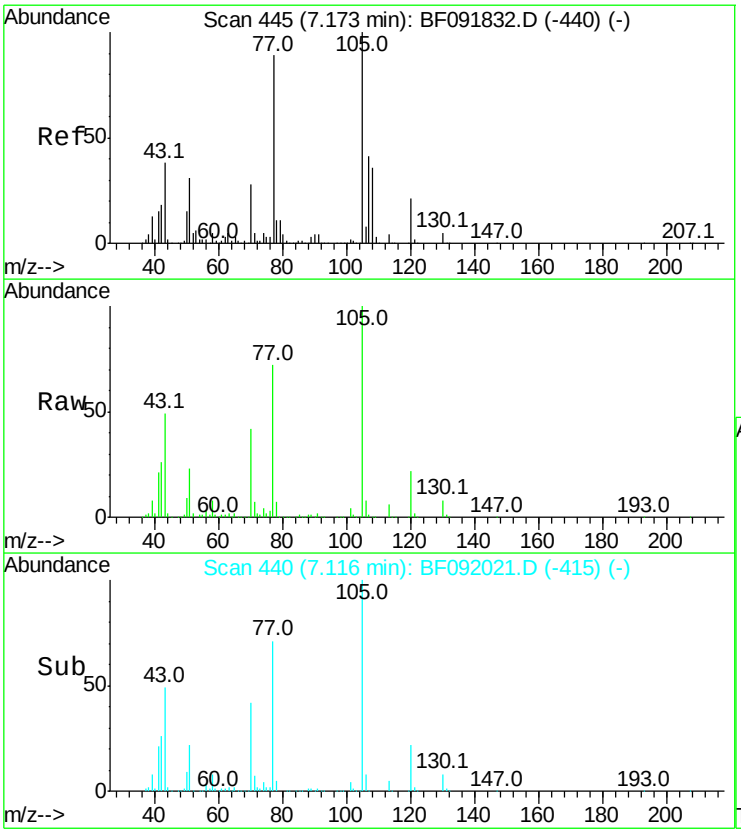
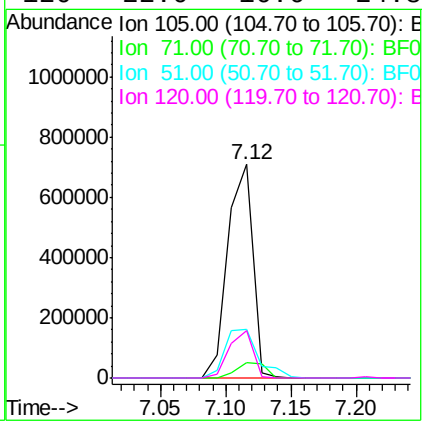
12/30/2016 8:41:45 AM

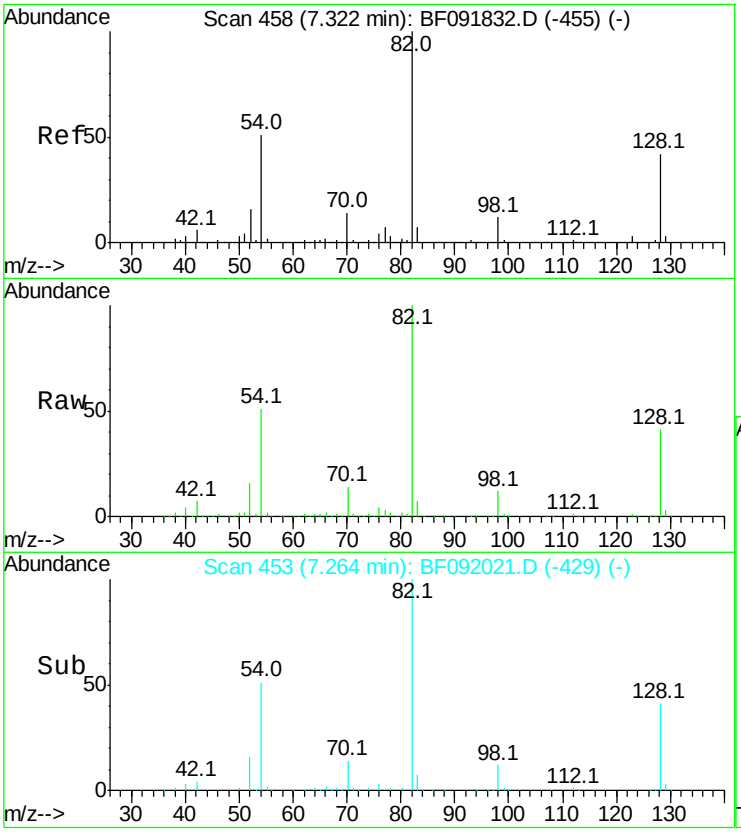


#22
Acetophenone
Concen: 46.63 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:105 Resp: 944327

Ion	Ratio	Lower	Upper
105	100		
71	7.0	3.2	4.8#
51	22.6	26.2	39.4#
120	22.0	16.6	24.8

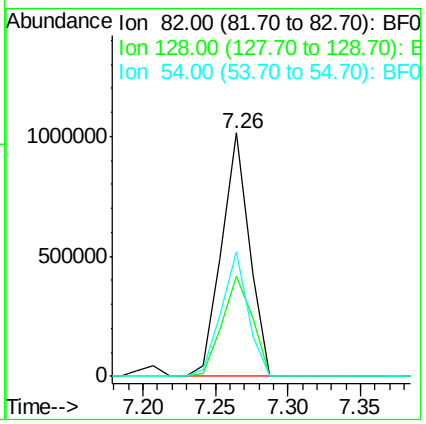




#23
Nitrobenzene-d5
Concen: 91.75 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion: 82 Resp: 1354915

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.6	52.0
54	51.1	39.5	59.3



Instrument :
BNA_F
ClientSampleId :
MW-01MSD

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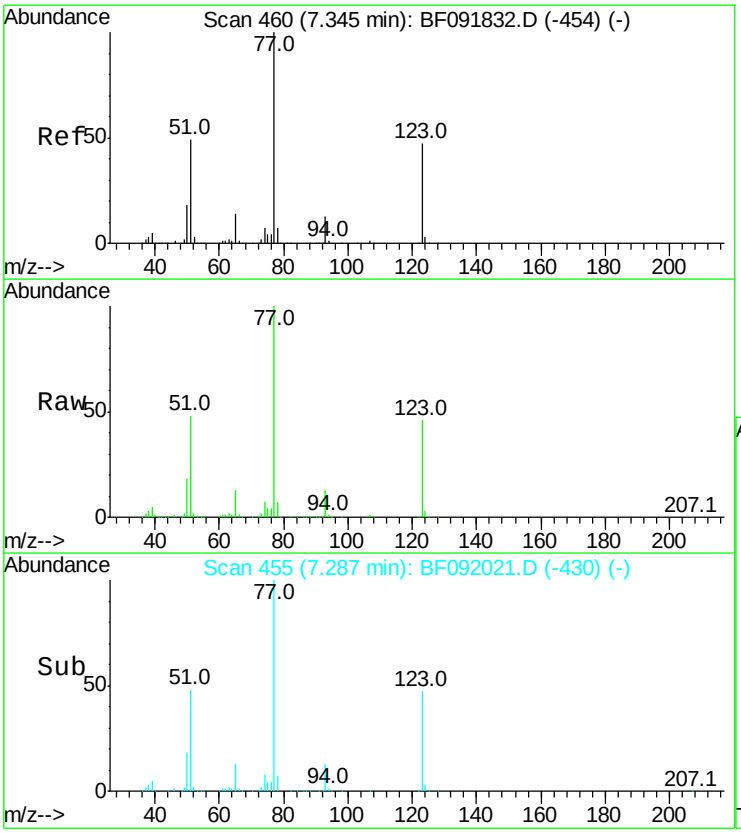
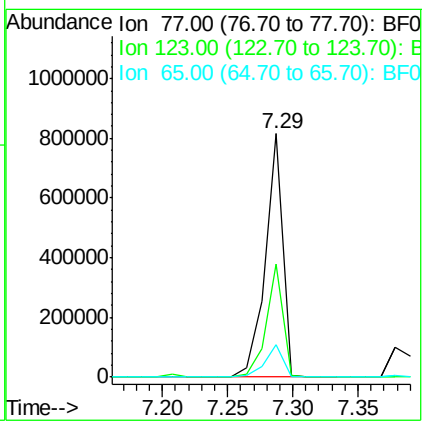
12/30/2016 8:41:45 AM

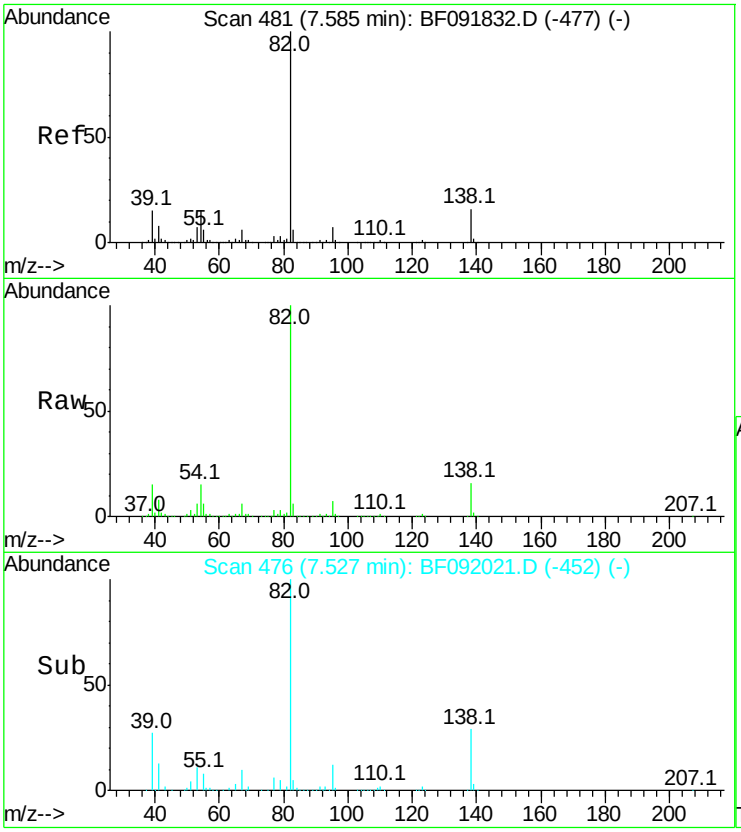


#24
Nitrobenzene
Concen: 48.39 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion: 77 Resp: 761129

Ion	Ratio	Lower	Upper
77	100		
123	46.5	33.0	49.4
65	13.5	11.2	16.8

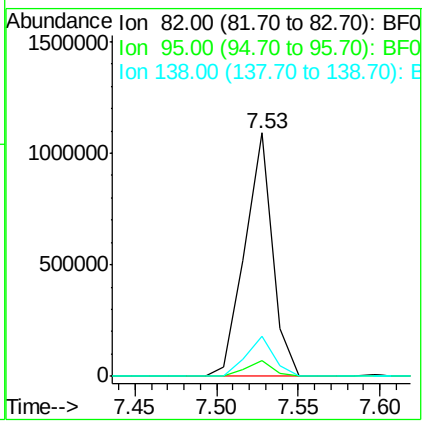




#25
Isophorone
Concen: 47.03 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion: 82 Resp: 1281303

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.6	8.4
138	16.2	14.6	22.0



Instrument :
BNA_F
ClientSampleId :
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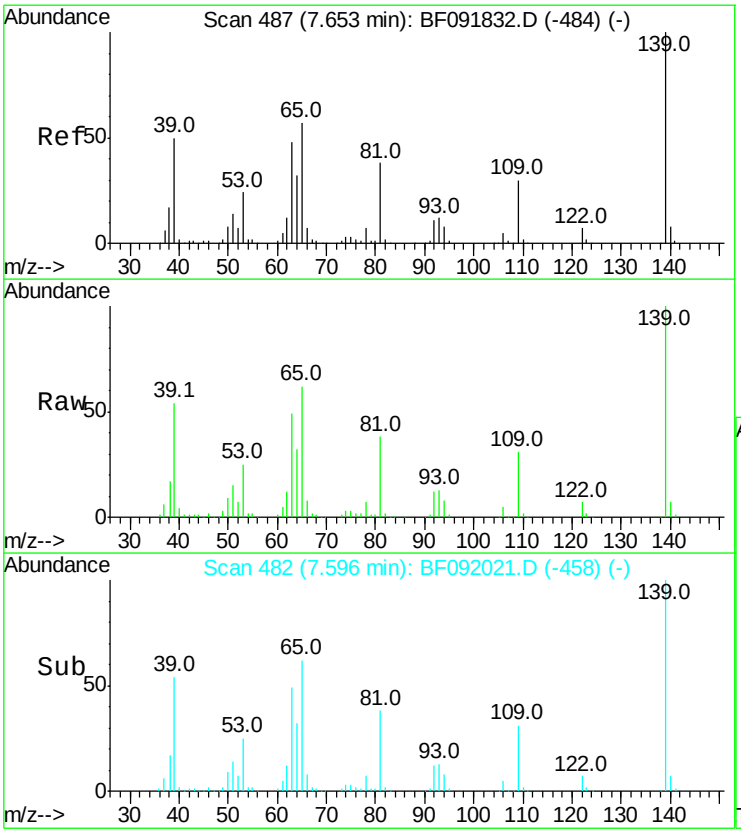
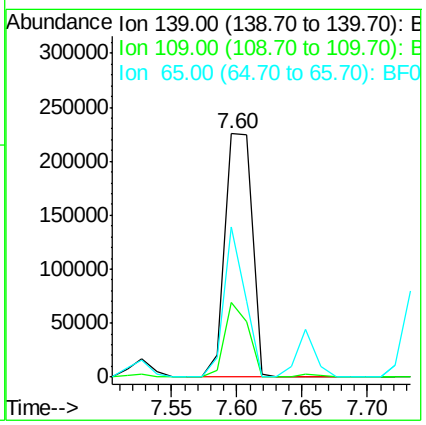
12/30/2016 8:41:45 AM

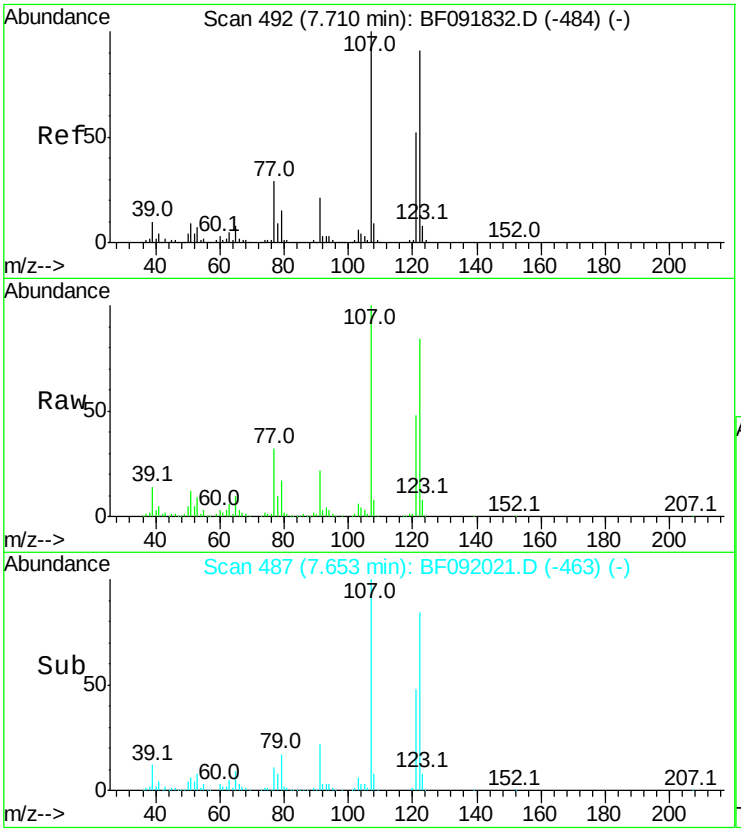


#26
2-Nitrophenol
Concen: 42.11 ng
RT: 7.60 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:139 Resp: 326617

Ion	Ratio	Lower	Upper
139	100		
109	30.7	23.3	34.9
65	61.7	42.7	64.1

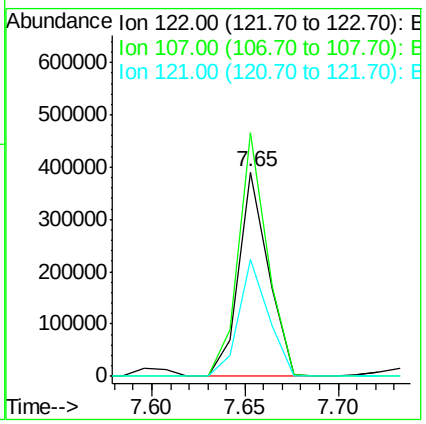




#27
2,4-Dimethylphenol
Concen: 33.72 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:122 Resp: 433808

Ion	Ratio	Lower	Upper
122	100		
107	119.4	94.1	141.1
121	57.2	46.0	69.0



Instrument :
BNA_F
ClientSampleId :
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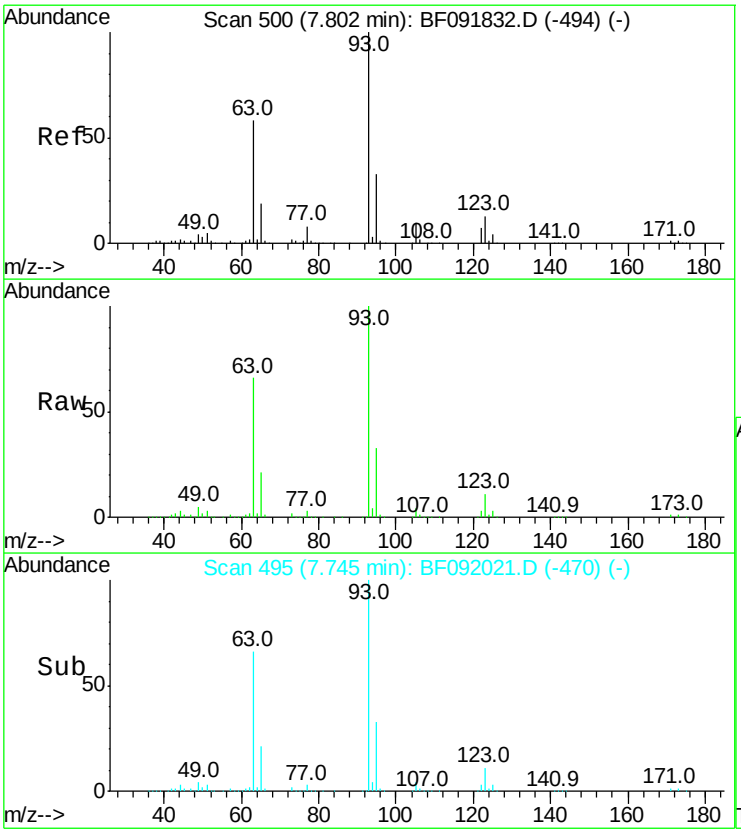
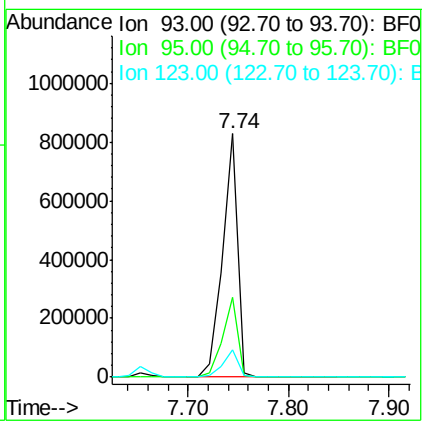
12/30/2016 8:41:45 AM

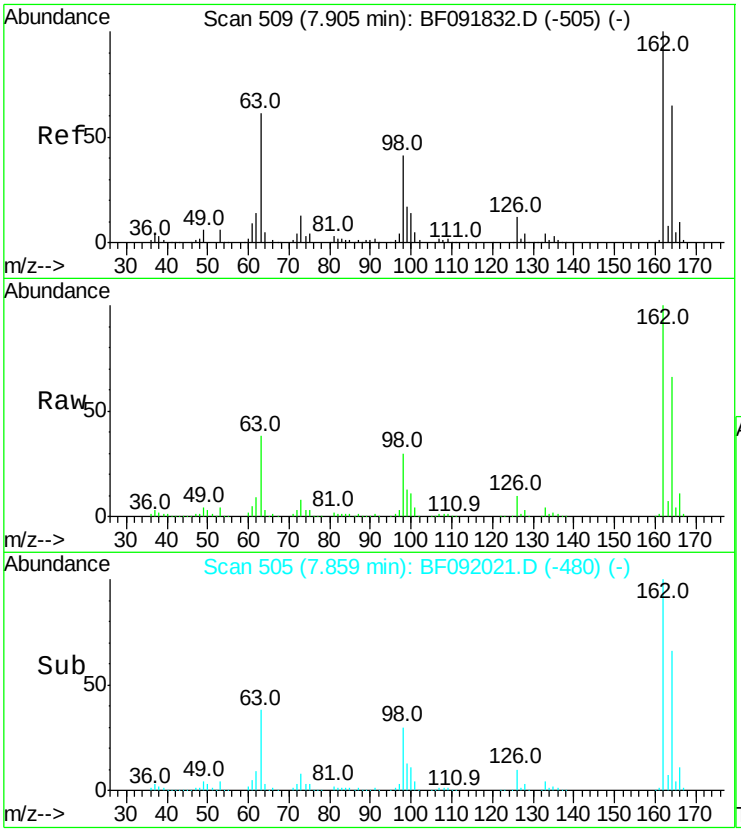


#28
bis(2-Chloroethoxy)methane
Concen: 51.54 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion: 93 Resp: 851444

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	11.2	8.6	13.0

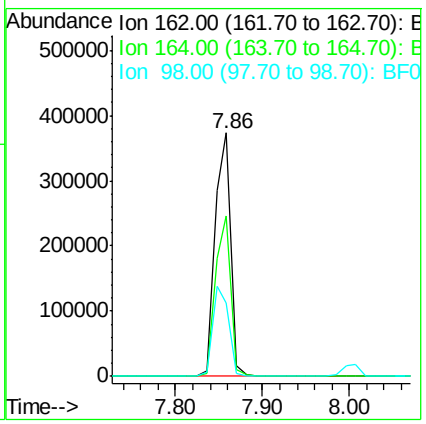




#29
2,4-Dichlorophenol
Concen: 43.49 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:162 Resp: 473726

Ion	Ratio	Lower	Upper
162	100		
164	65.7	46.8	86.8
98	30.4	9.1	49.1



Instrument :
BNA_F
ClientSampleId :
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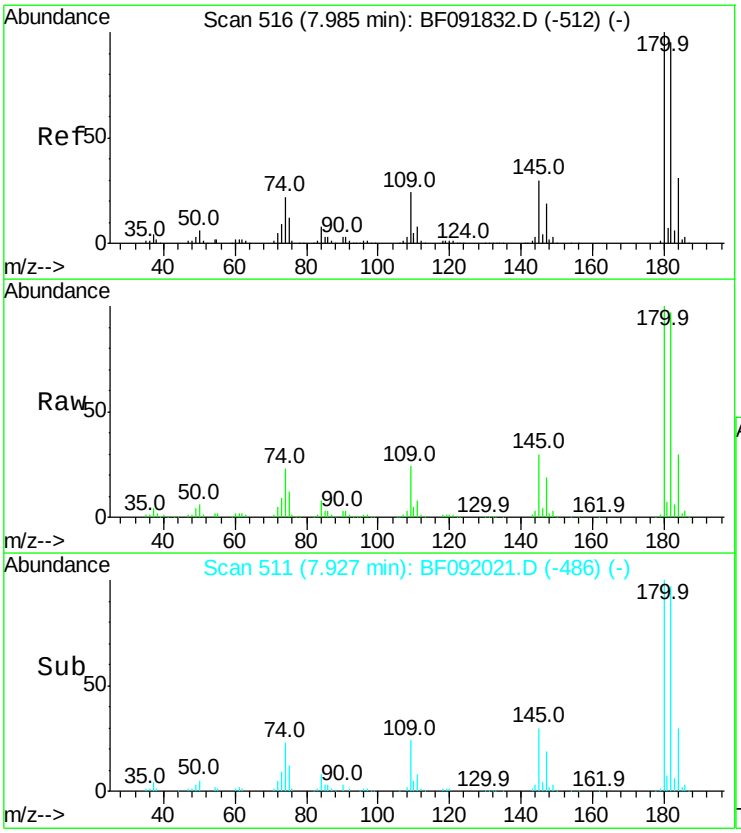
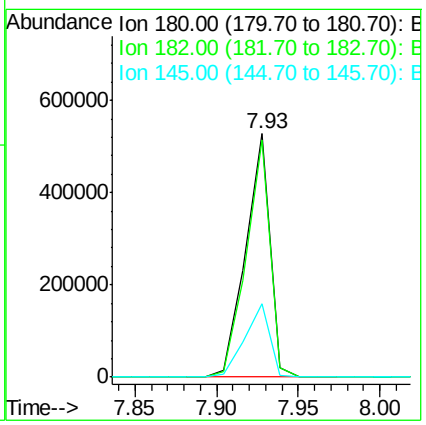
12/30/2016 8:41:45 AM

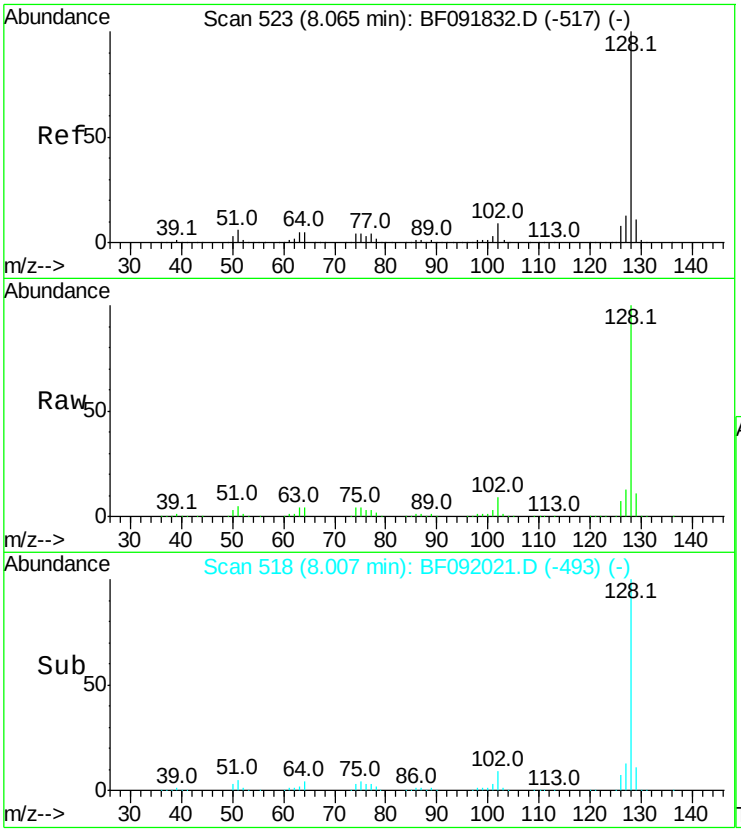


#30
1,2,4-Trichlorobenzene
Concen: 45.50 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:180 Resp: 543085

Ion	Ratio	Lower	Upper
180	100		
182	97.2	78.2	117.4
145	30.0	21.6	32.4

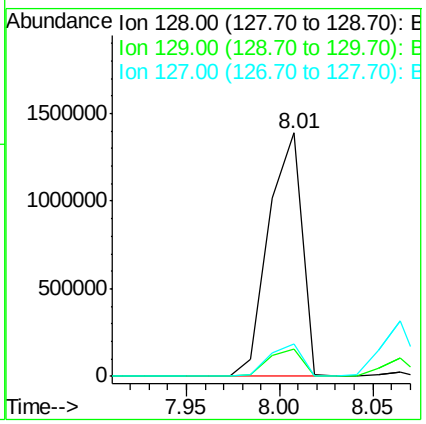




#31
Naphthalene
Concen: 45.91 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:128 Resp: 1725304

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	13.3	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
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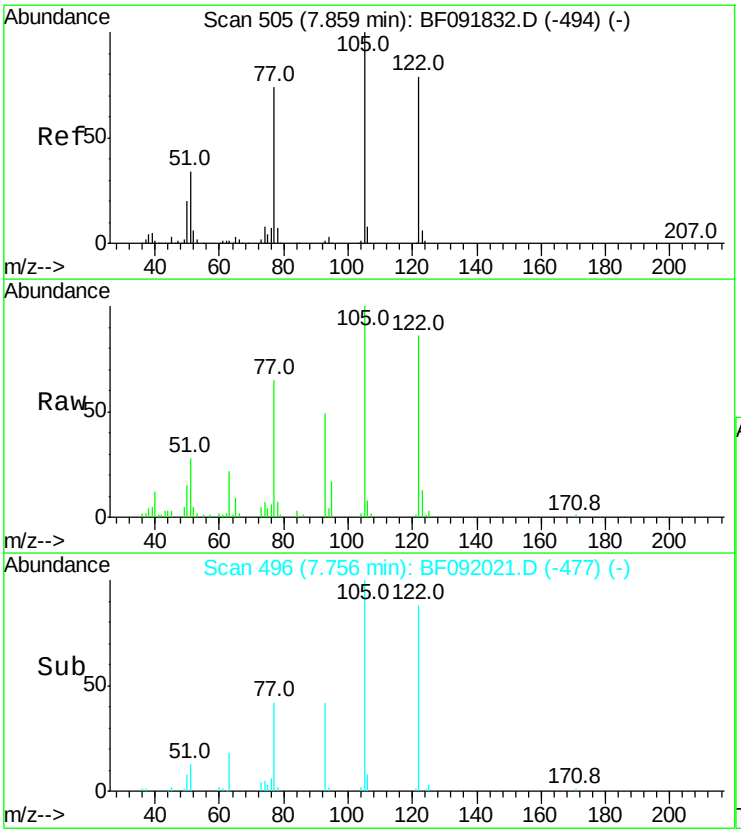
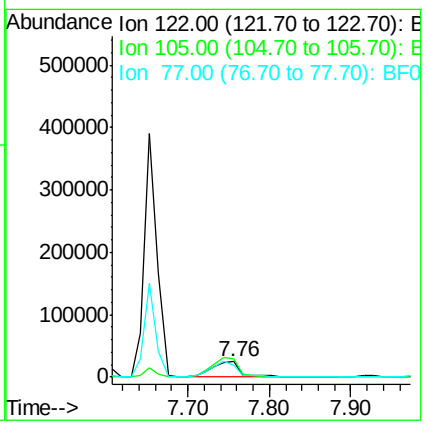
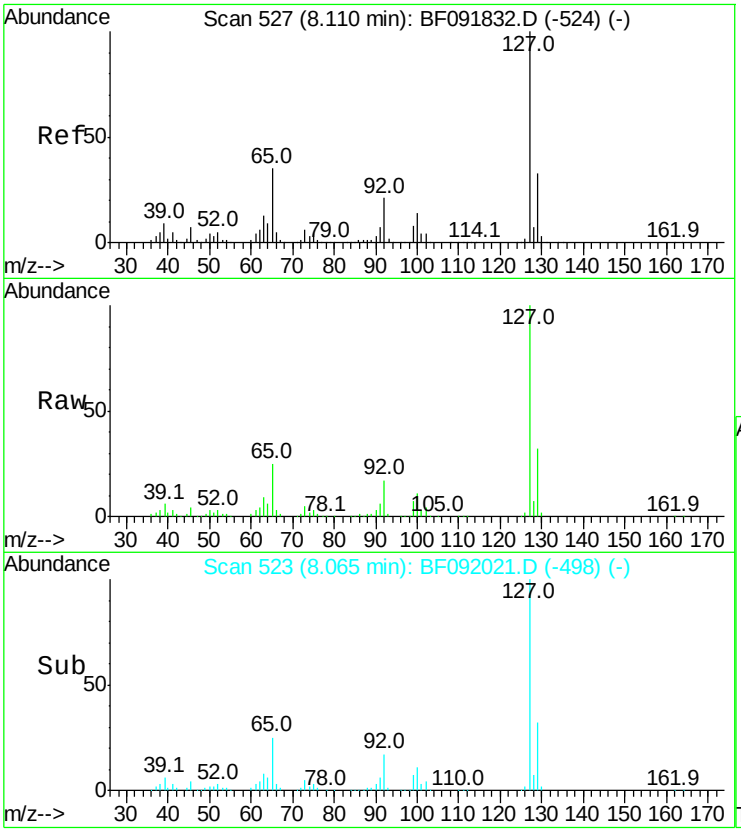


#32
Benzoic acid
Concen: 6.30 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.08 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:122 Resp: 60076

Ion	Ratio	Lower	Upper
122	100		
105	115.8	107.2	147.2
77	74.9	74.5	114.5

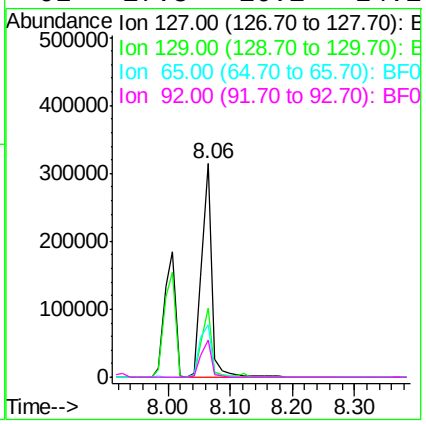




#33
4-Chloroaniline
Concen: 21.09 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:127 Resp: 357300

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	24.8	25.8	38.8#
92	17.3	16.1	24.1



Instrument :
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ClientSampleId :
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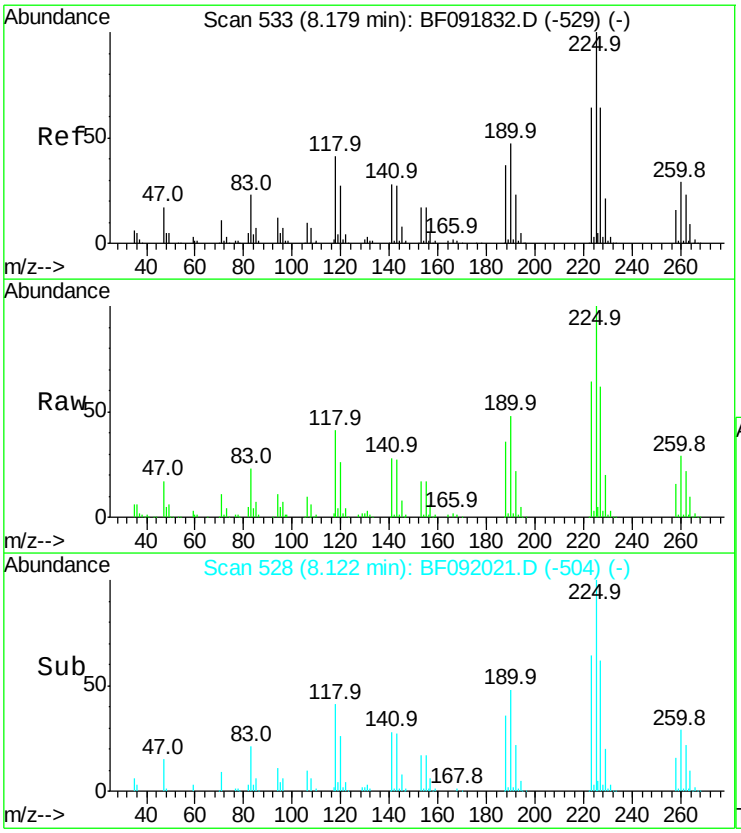
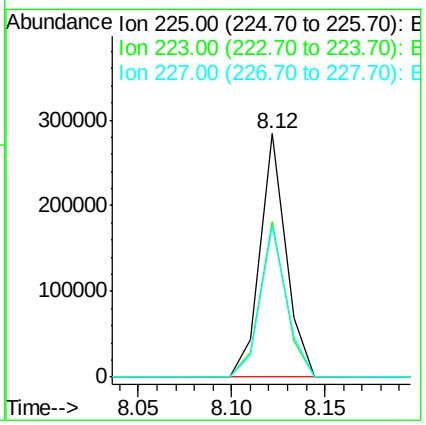
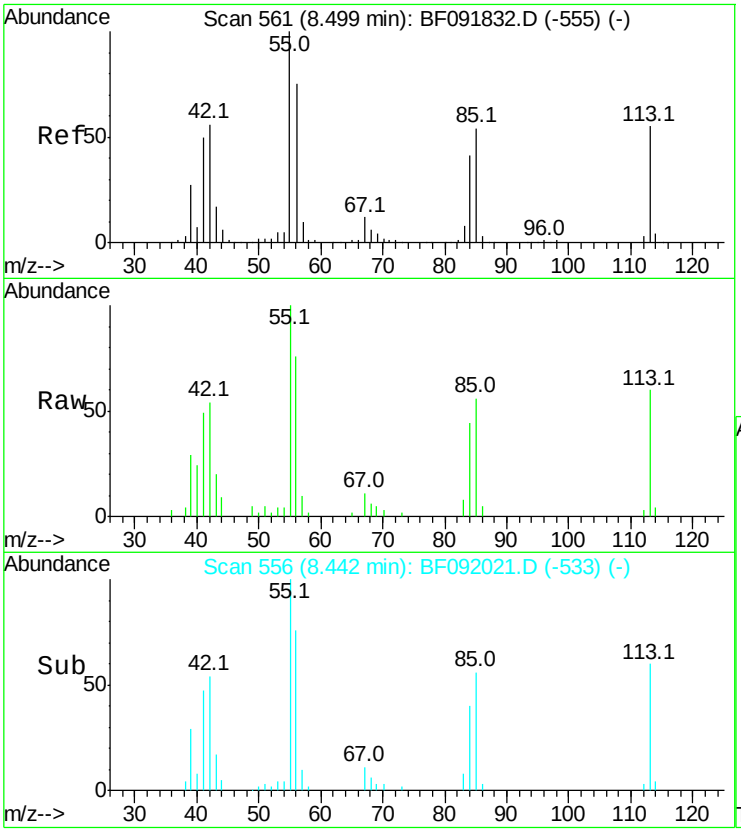


#34
Hexachlorobutadiene
Concen: 43.33 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:225 Resp: 272994

Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.0	76.6
227	62.4	50.6	76.0

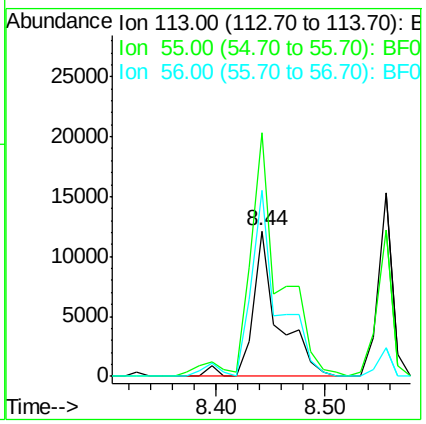




#35
Caprolactam
Concen: 5.60 ng
RT: 8.44 min Scan# 556
Delta R.T. -0.03 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:113 Resp: 20048

Ion	Ratio	Lower	Upper
113	100		
55	167.7	119.2	159.2#
56	127.7	83.8	123.8#



Instrument :
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ClientSampleId :
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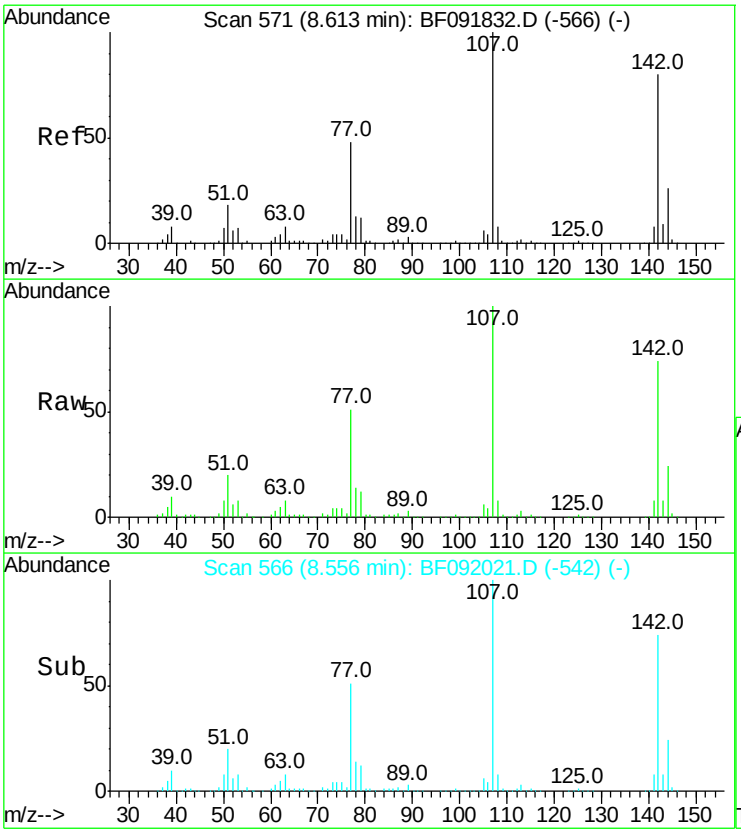
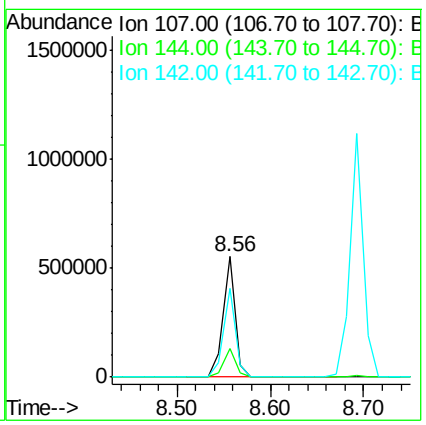
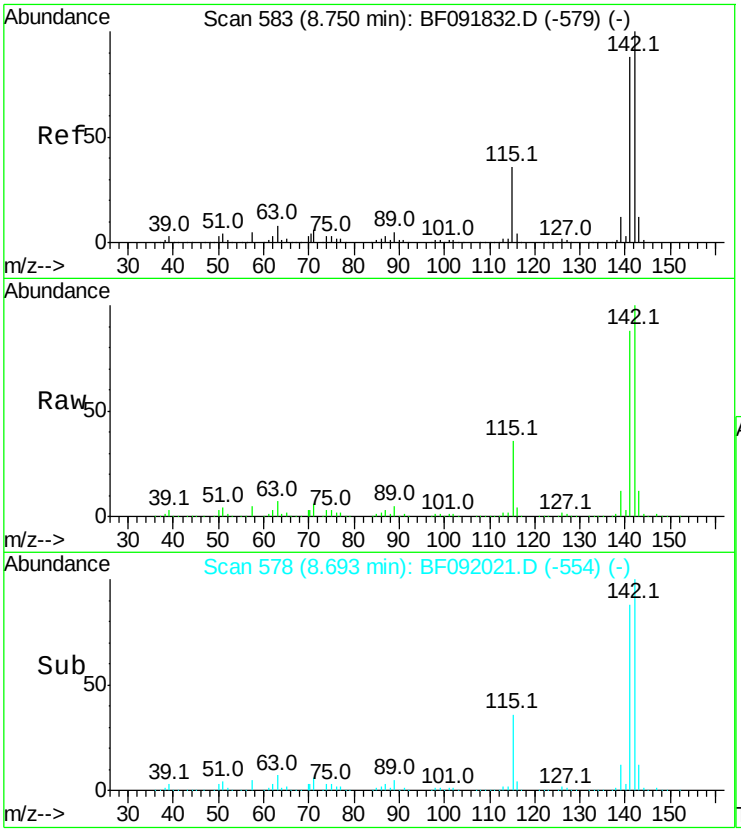


#36
4-Chloro-3-methylphenol
Concen: 39.85 ng
RT: 8.56 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:107 Resp: 499545

Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.3	28.9
142	74.0	59.0	88.6

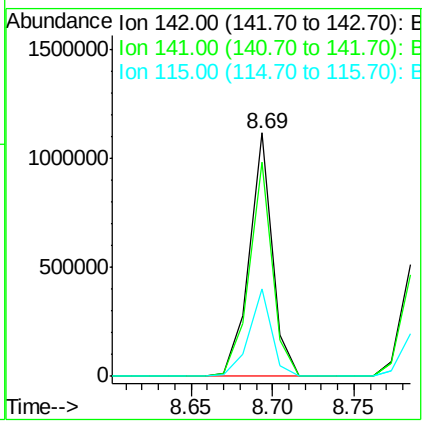




#37
2-Methylnaphthalene
Concen: 50.52 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:142 Resp: 1099759

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.6
115	36.1	28.3	42.5



Instrument :
BNA_F
ClientSampleId :
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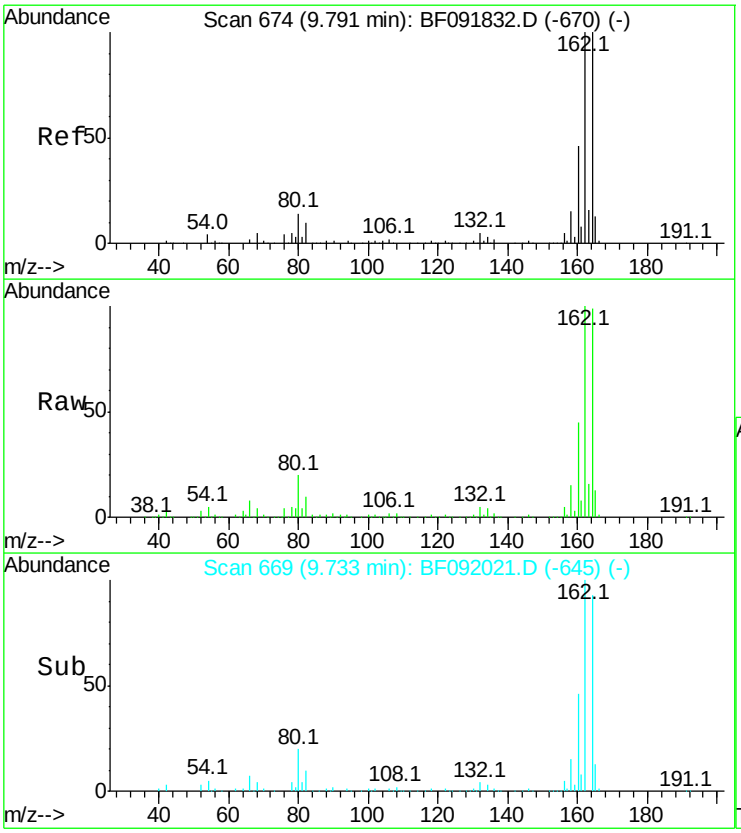
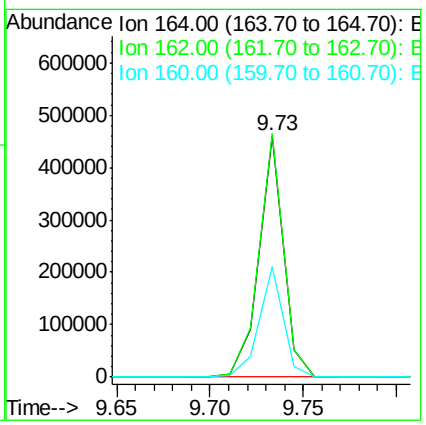
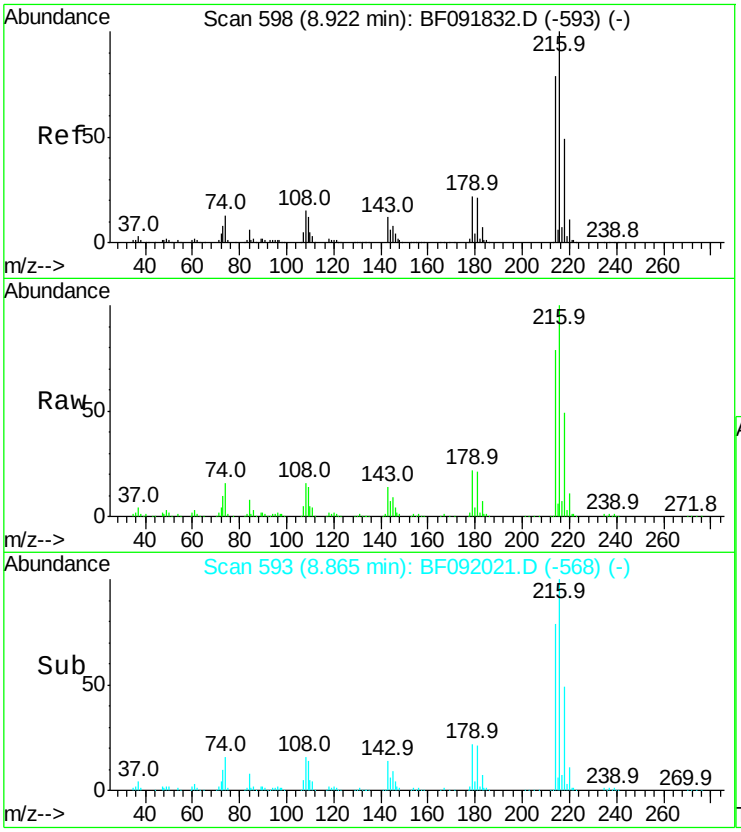


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:164 Resp: 417810

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	45.9	36.9	55.3

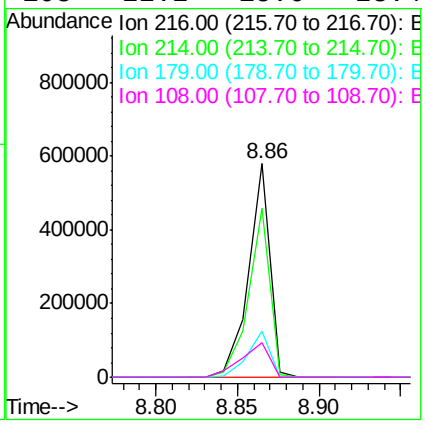




#39
1,2,4,5-Tetrachlorobenzene
Concen: 49.78 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:216 Resp: 525449

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.0
179	22.7	17.4	26.2
108	22.2	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
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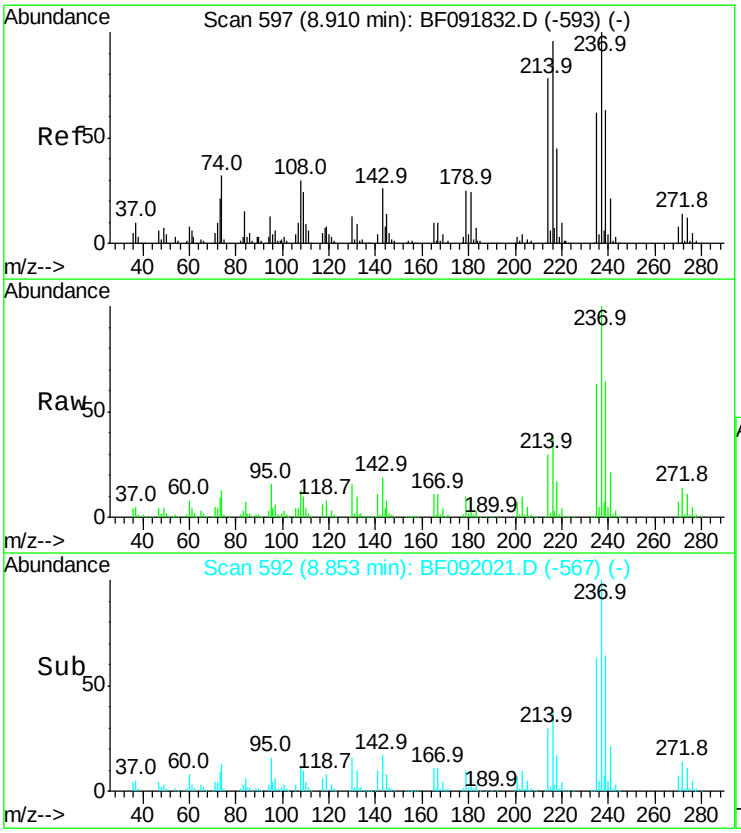
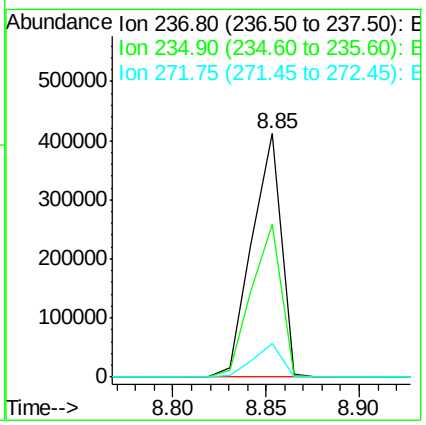
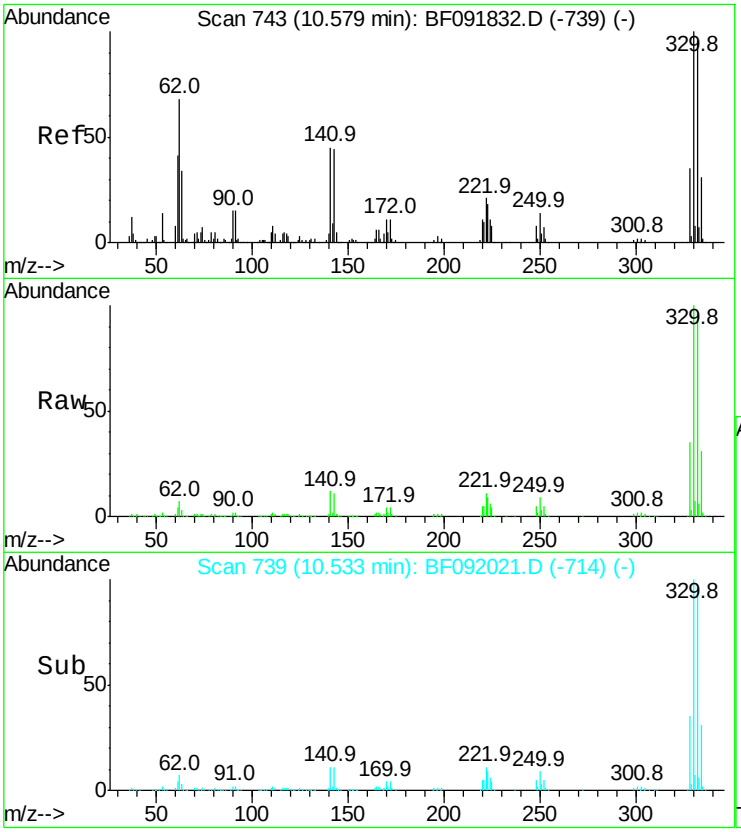


#40
Hexachlorocyclopentadiene
Concen: 94.91 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:237 Resp: 449876

Ion	Ratio	Lower	Upper
237	100		
235	63.0	41.2	81.2
272	14.1	0.0	35.4





#41
2,4,6-Tribromophenol
Concen: 159.13 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:330 Resp: 550218

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.2
141	31.5	34.1	51.1#

Instrument :
BNA_F
ClientSampleId :
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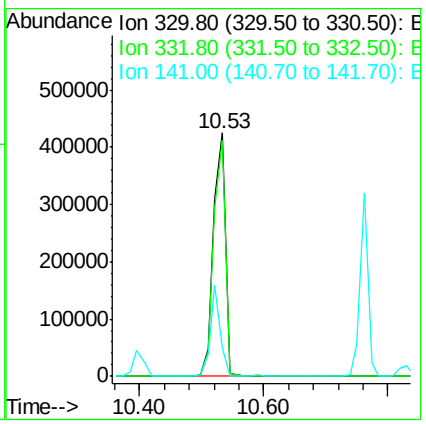
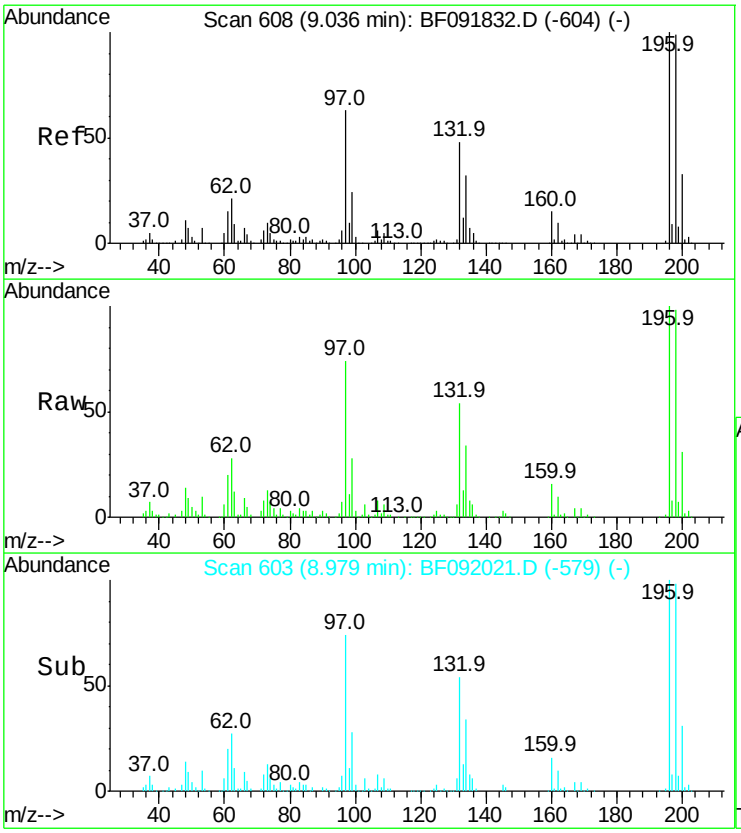
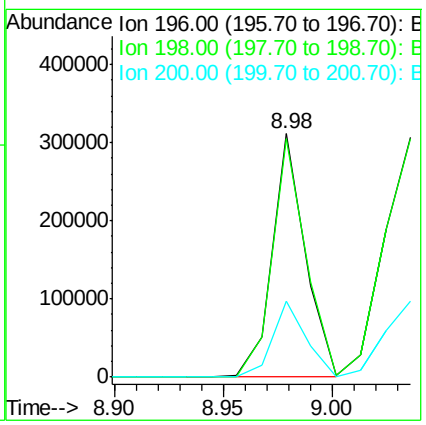


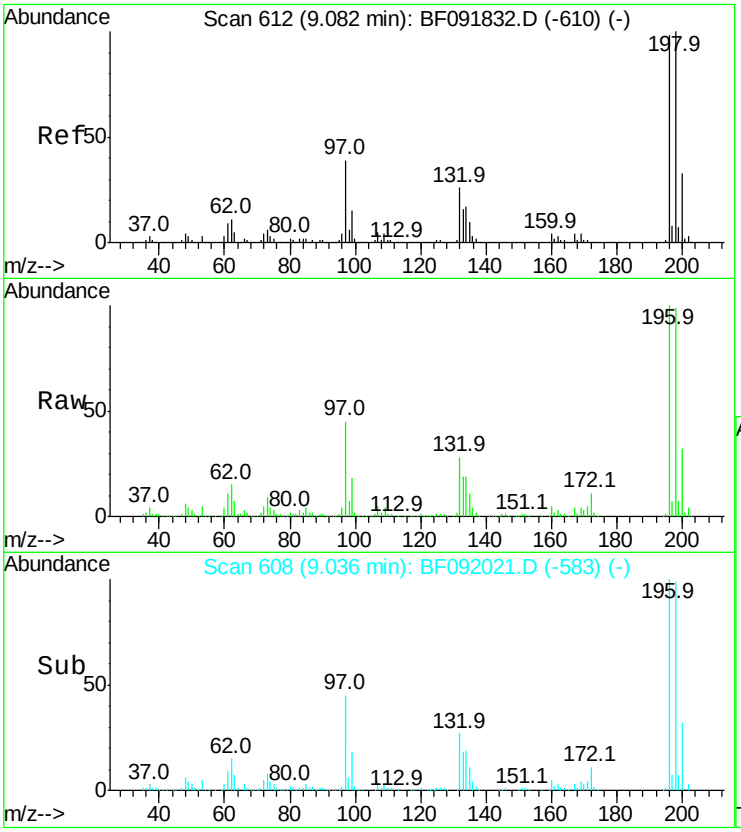


#42
2,4,6-Trichlorophenol
Concen: 44.99 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:196 Resp: 332103

Ion	Ratio	Lower	Upper
196	100		
198	98.0	82.1	123.1
200	31.4	27.0	40.4

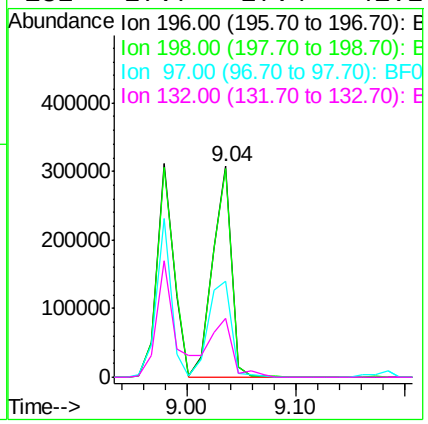




#43
2,4,5-Trichlorophenol
Concen: 49.34 ng
RT: 9.04 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:196 Resp: 374834

Ion	Ratio	Lower	Upper
196	100		
198	99.1	79.4	119.2
97	45.3	51.5	77.3#
132	27.7	27.4	41.2



Instrument :
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ClientSampleId :
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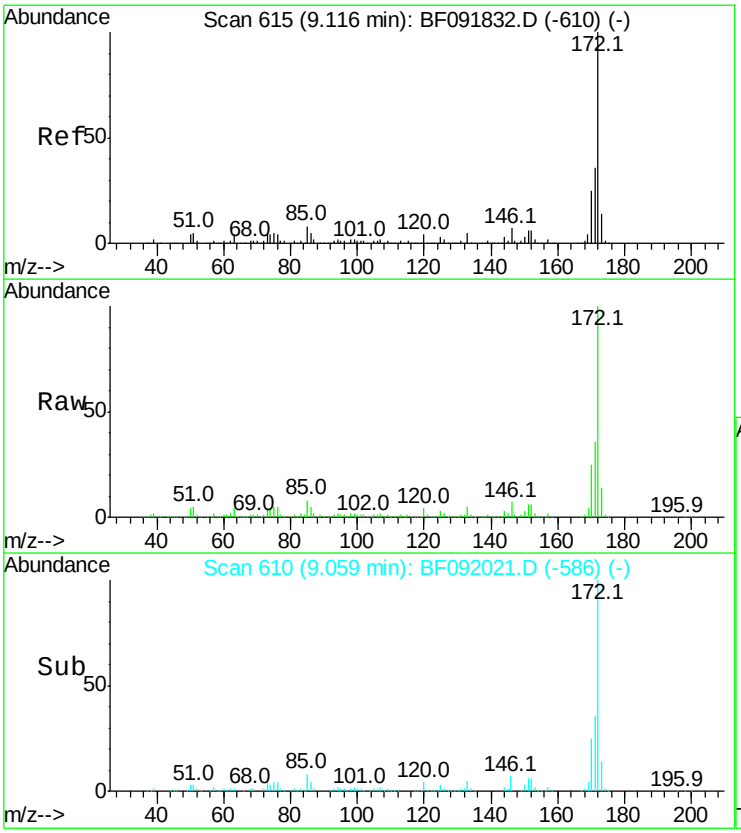
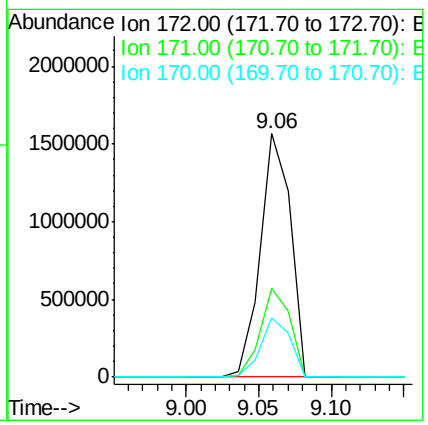
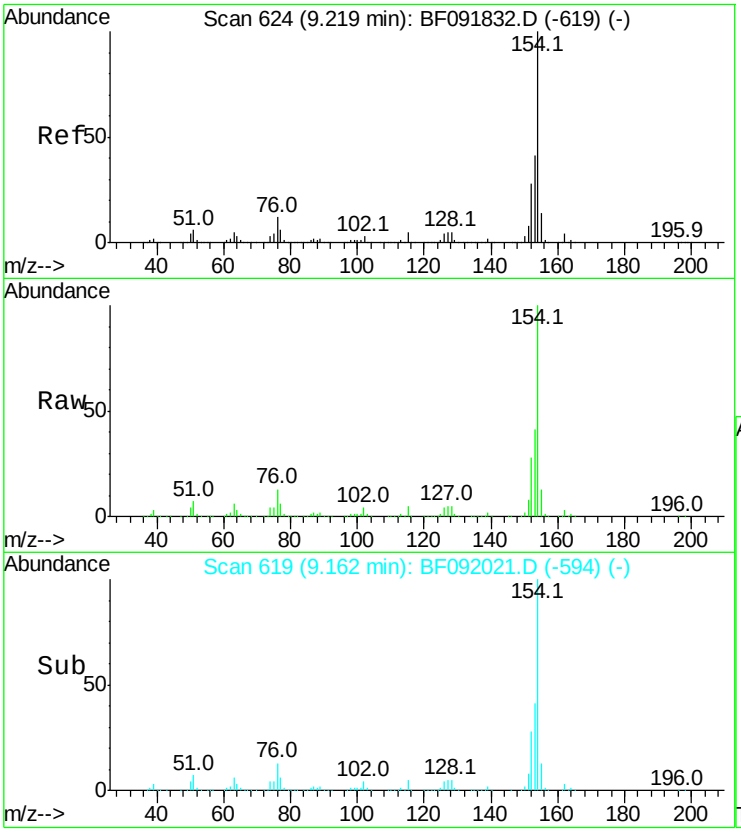


#44
2-Fluorobiphenyl
Concen: 115.03 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:172 Resp: 2252803

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.5	20.2	30.4

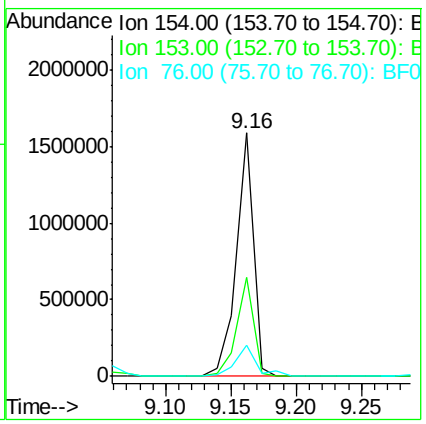




#45
1,1'-Biphenyl
Concen: 50.24 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:154 Resp: 1437293

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.9	60.9
76	12.8	0.0	30.5



Instrument :
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ClientSampleId :
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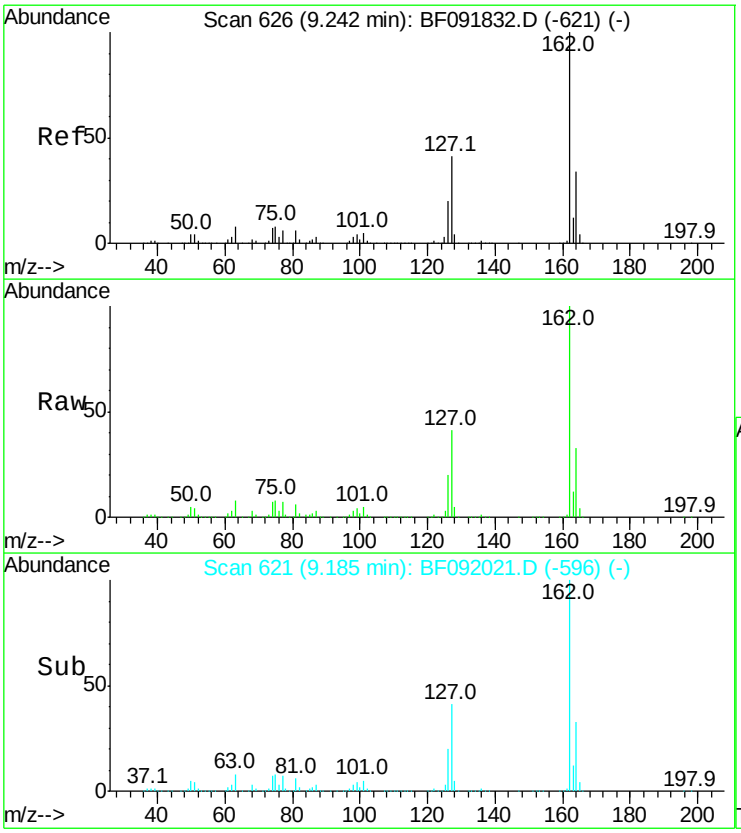
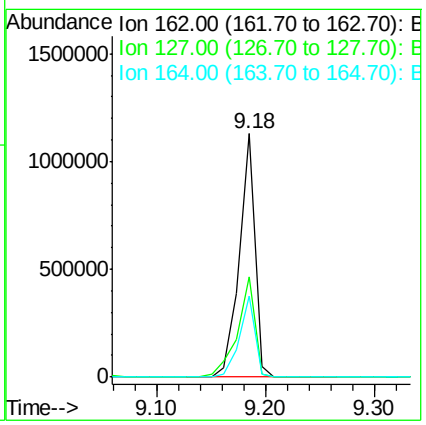
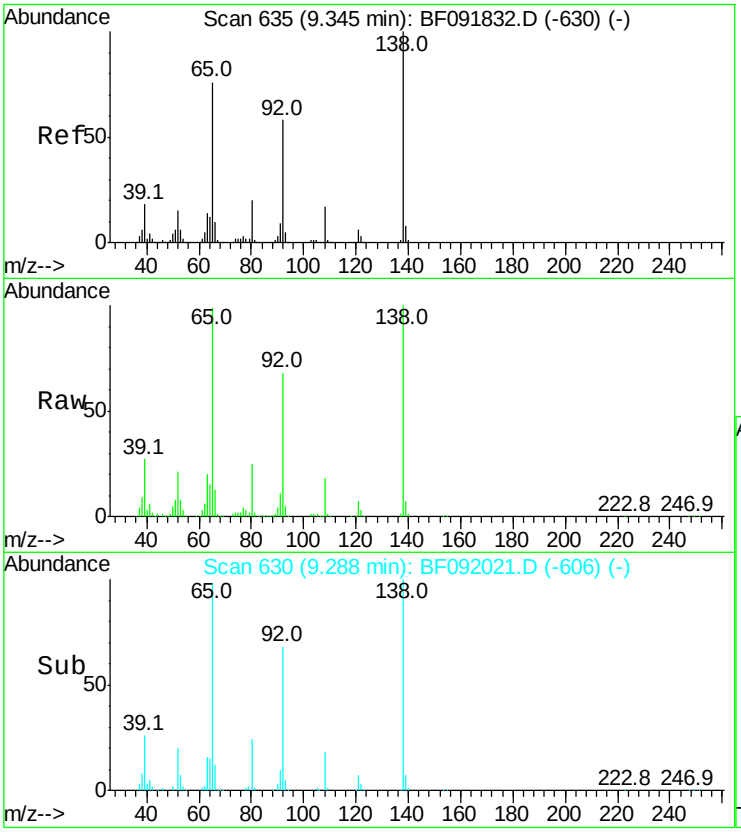


#46
2-Chloronaphthalene
Concen: 48.87 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:162 Resp: 1107247

Ion	Ratio	Lower	Upper
162	100		
127	41.2	30.7	46.1
164	33.2	27.6	41.4

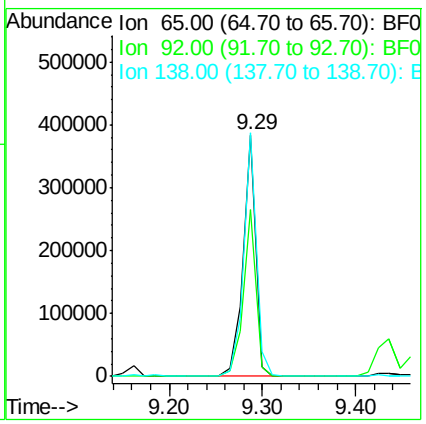




#47
2-Nitroaniline
Concen: 44.99 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion: 65 Resp: 362929

Ion	Ratio	Lower	Upper
65	100		
92	68.9	53.9	80.9
138	100.9	76.8	115.2



Instrument :
BNA_F
ClientSampleId :
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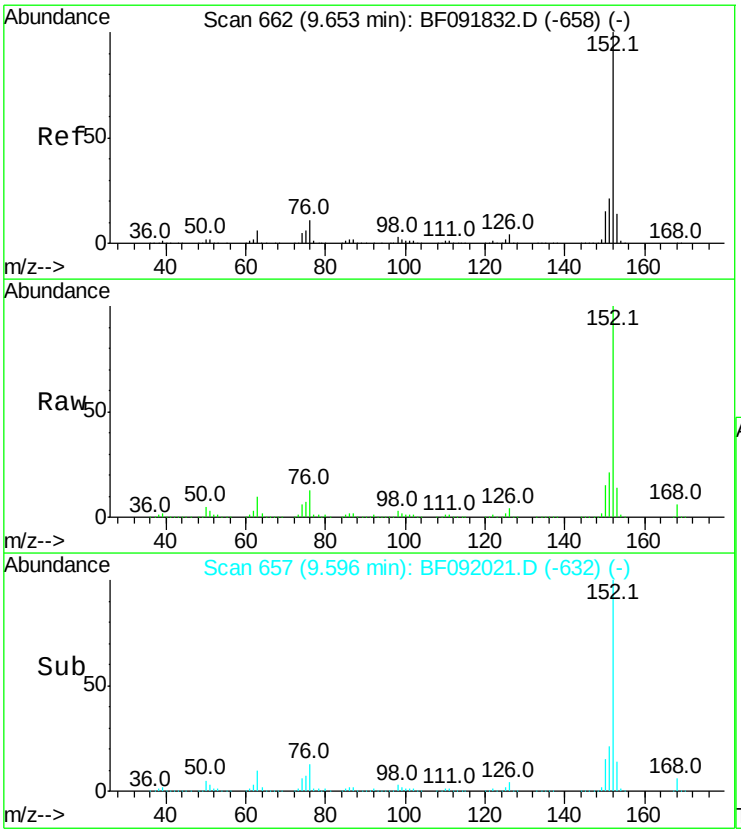
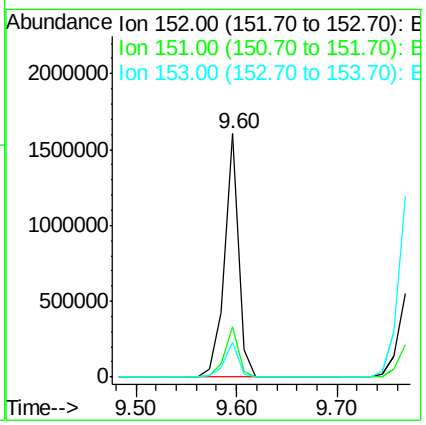
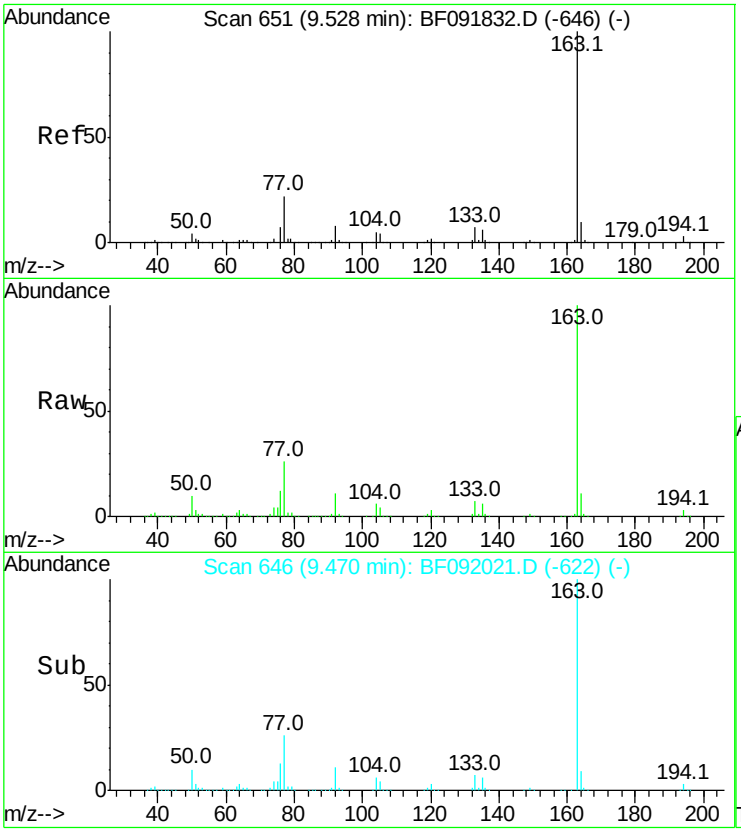


#48
Acenaphthylene
Concen: 44.66 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:152 Resp: 1556099

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	14.4	11.4	17.2

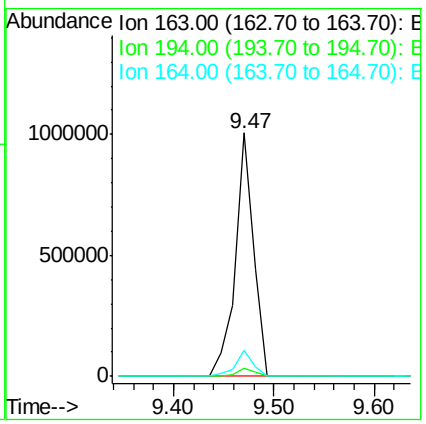




#49
Dimethylphthalate
Concen: 47.26 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:163 Resp: 1262920

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.7	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
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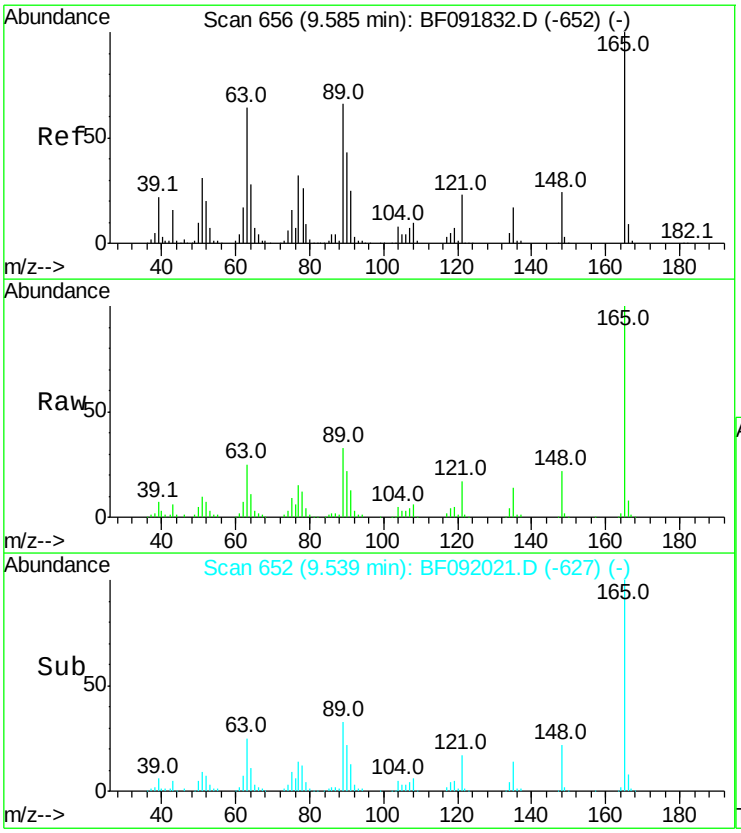
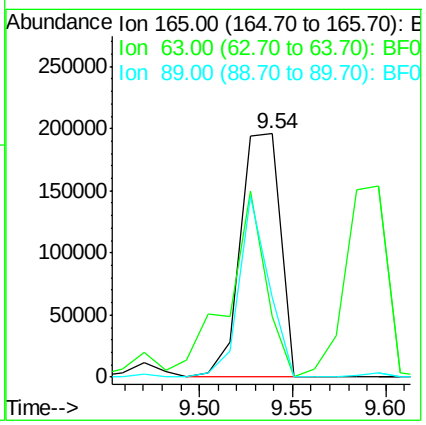
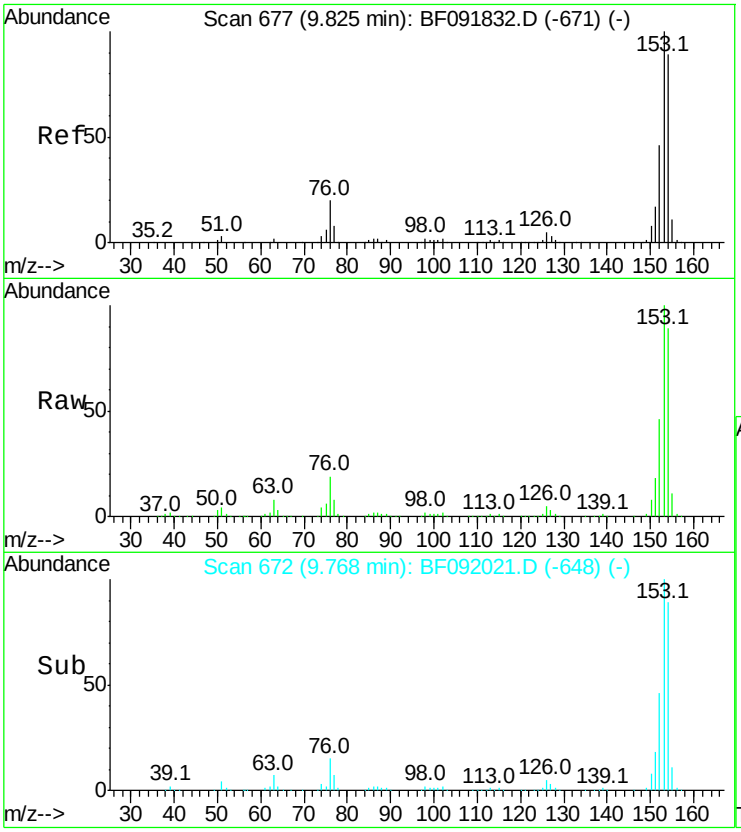


#50
2,6-Dinitrotoluene
Concen: 49.57 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:165 Resp: 289904

Ion	Ratio	Lower	Upper
165	100		
63	25.1	36.2	54.4#
89	32.9	40.2	60.4#

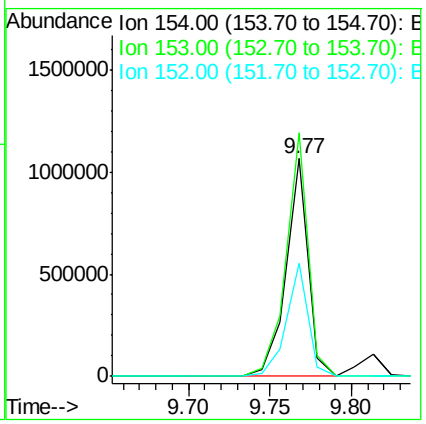




#51
Acenaphthene
Concen: 42.34 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:154 Resp: 1000127

Ion	Ratio	Lower	Upper
154	100		
153	111.8	88.6	133.0
152	51.7	41.6	62.4



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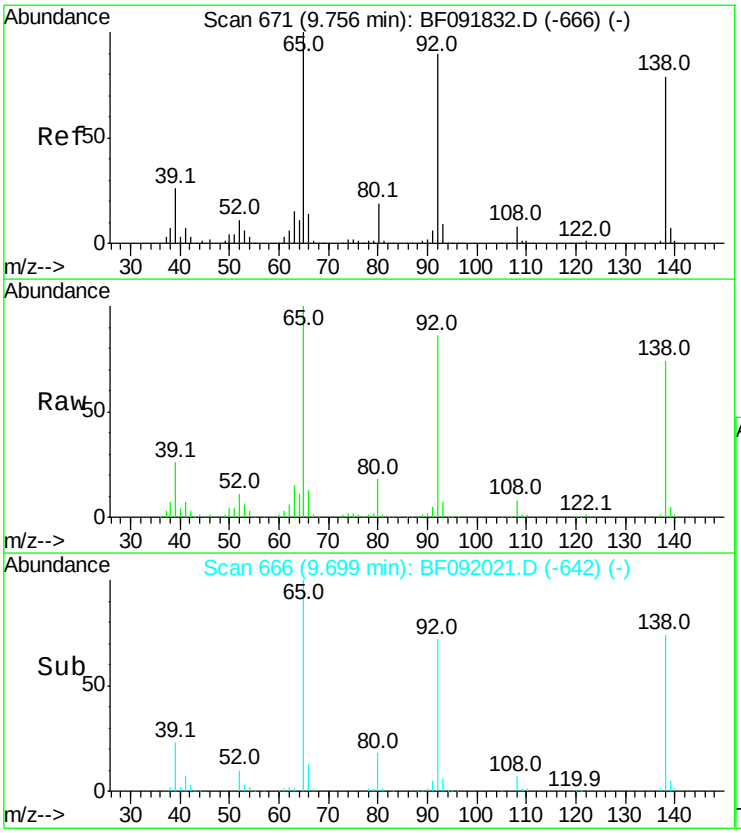
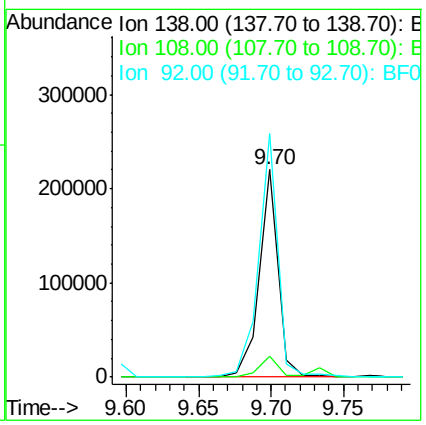
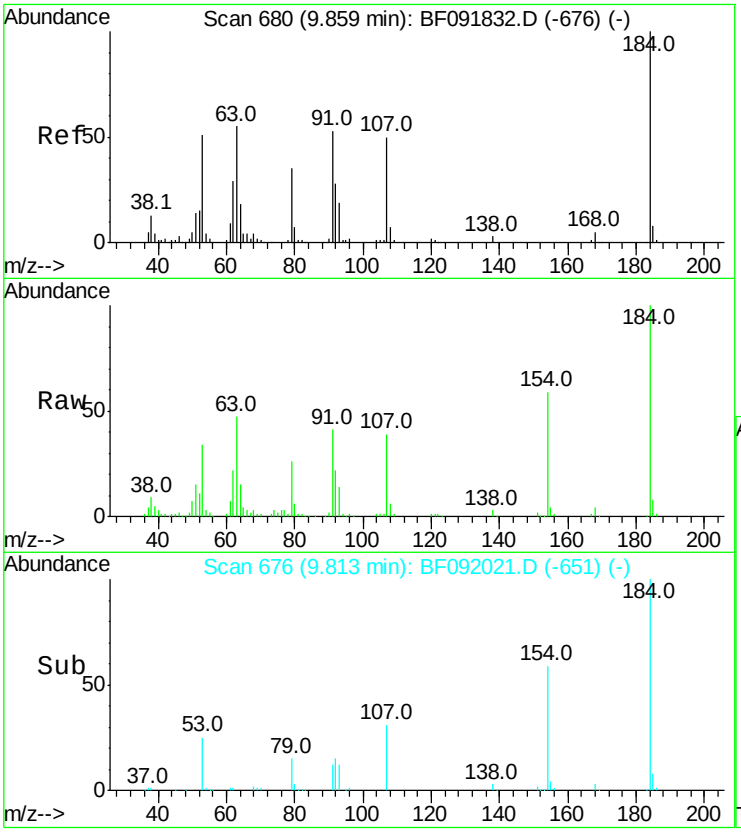


#52
3-Nitroaniline
Concen: 27.49 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:138 Resp: 198961

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.5	12.7
92	117.3	97.8	146.8

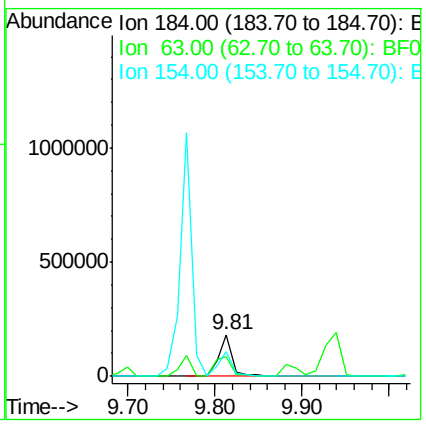




#53
2,4-Dinitrophenol
Concen: 64.61 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:184 Resp: 210253

Ion	Ratio	Lower	Upper
184	100		
63	47.3	28.4	42.6#
154	59.0	44.3	66.5



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ClientSampleId :
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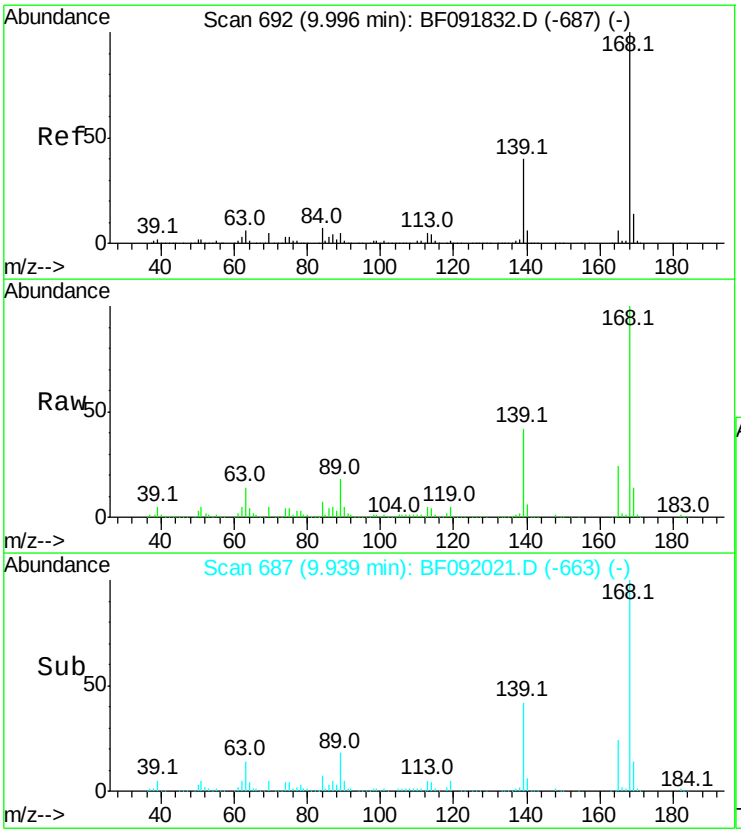
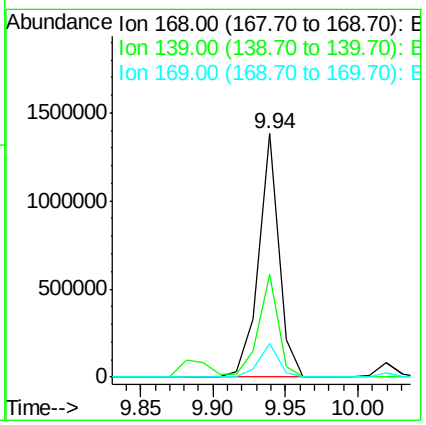
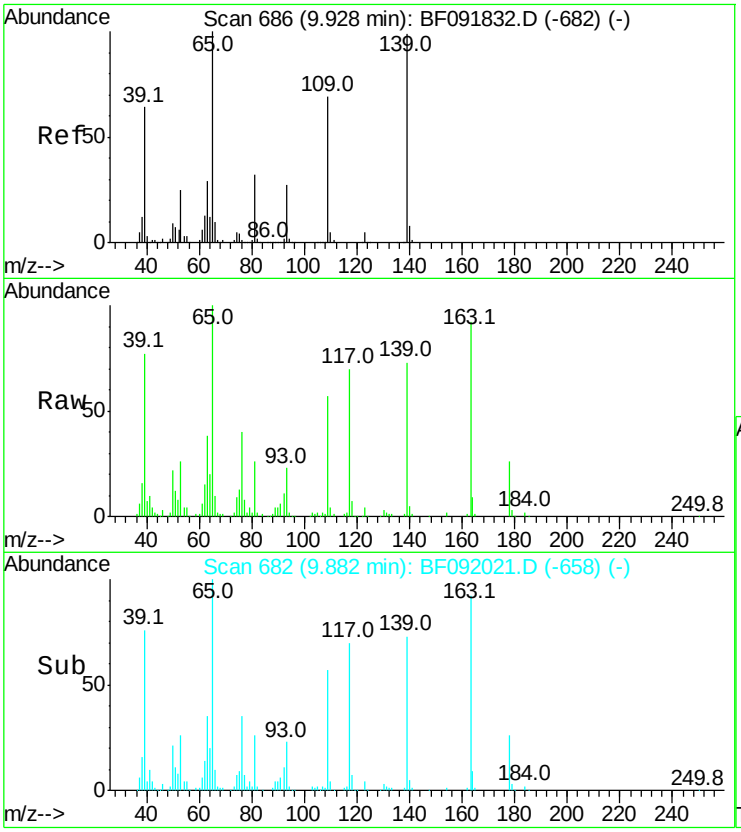


#54
Dibenzofuran
Concen: 42.16 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:168 Resp: 1345008

Ion	Ratio	Lower	Upper
168	100		
139	42.3	32.6	49.0
169	13.9	11.3	16.9





#55
4-Nitrophenol
Concen: 27.49 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:139 Resp: 135111

Ion	Ratio	Lower	Upper
139	100		
109	77.9	52.2	92.2
65	136.9	85.8	125.8#

Instrument :
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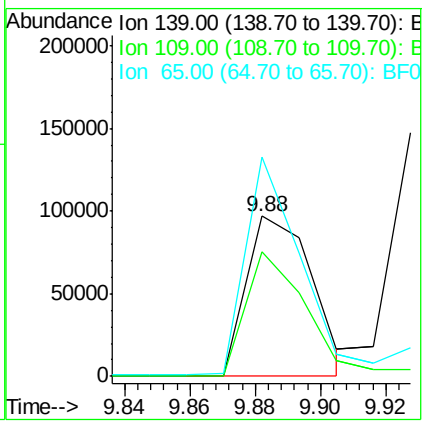
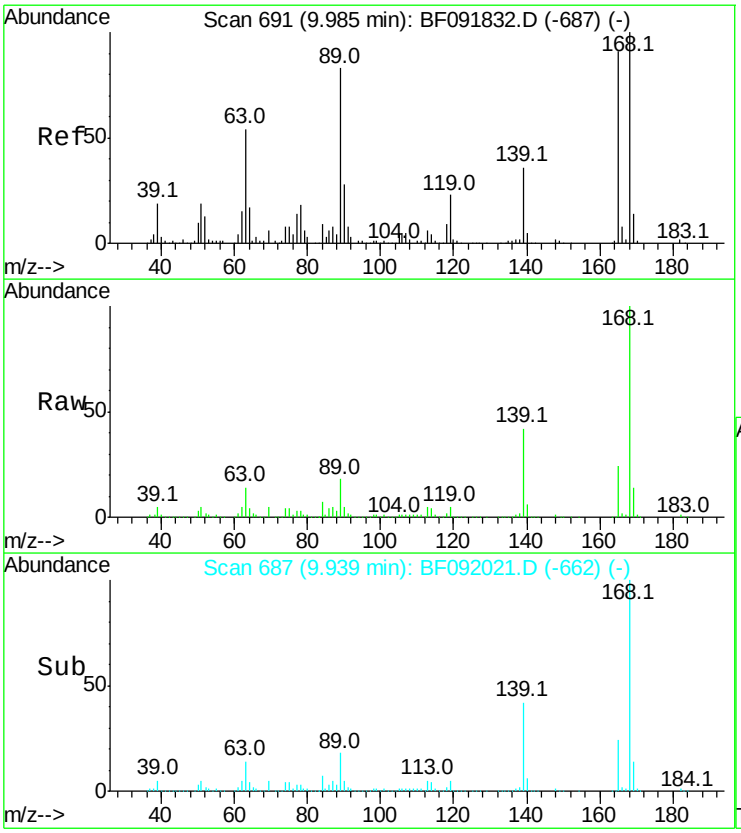
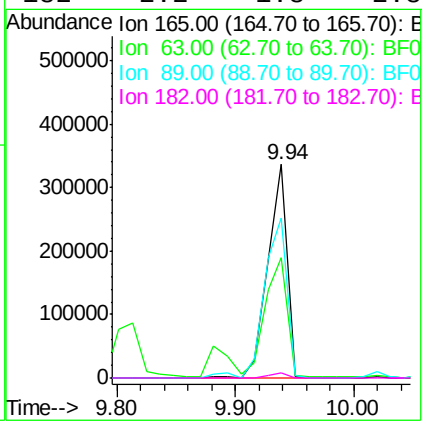


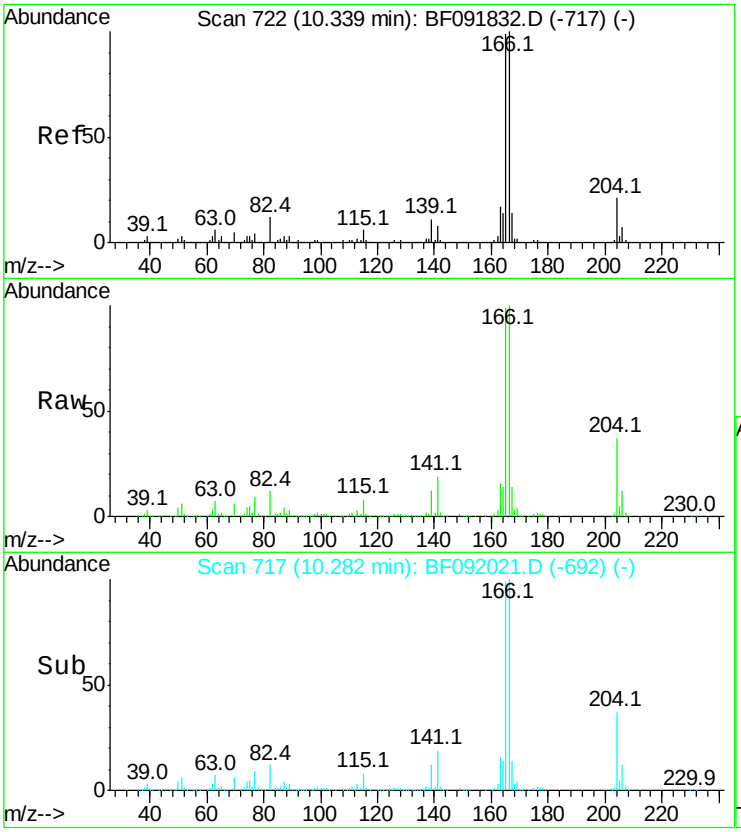


#56
2,4-Dinitrotoluene
Concen: 52.30 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:165 Resp: 383909

Ion	Ratio	Lower	Upper
165	100		
63	56.5	40.2	60.4
89	75.1	62.5	93.7
182	2.2	1.8	2.8

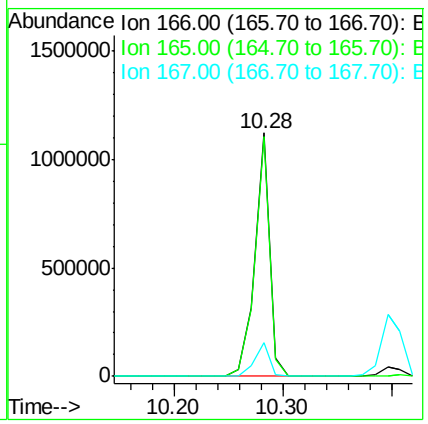




#57
Fluorene
Concen: 46.17 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:166 Resp: 1071644

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.8	116.8
167	13.7	10.8	16.2



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ClientSampleId :
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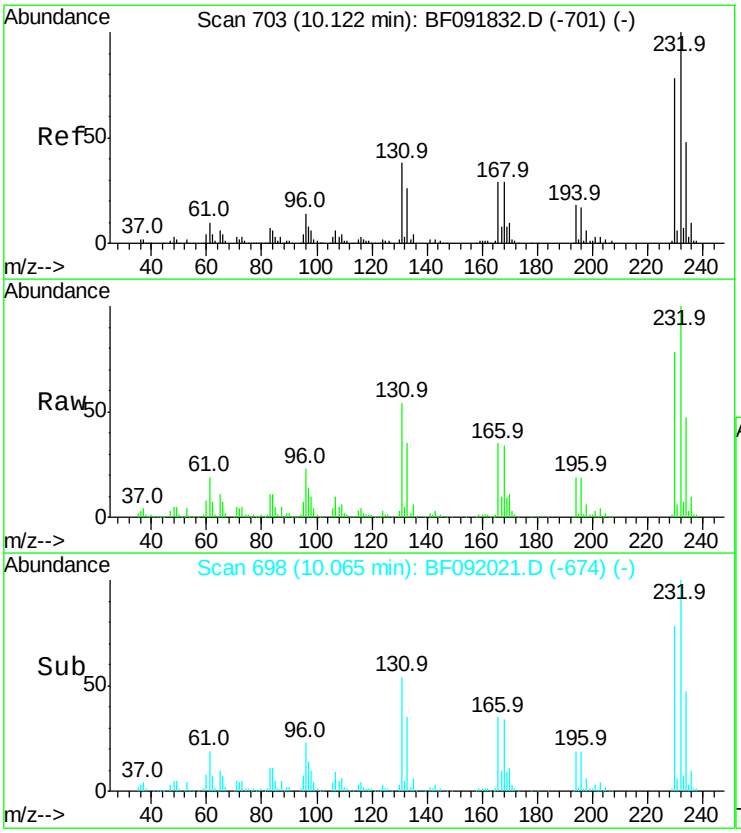
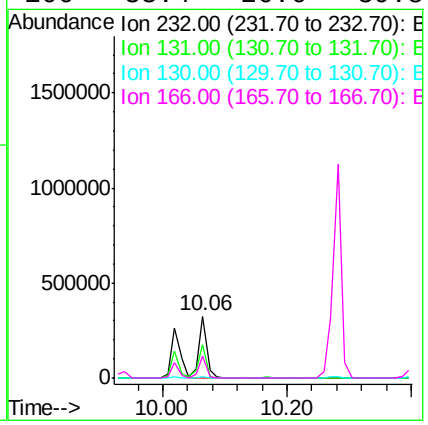
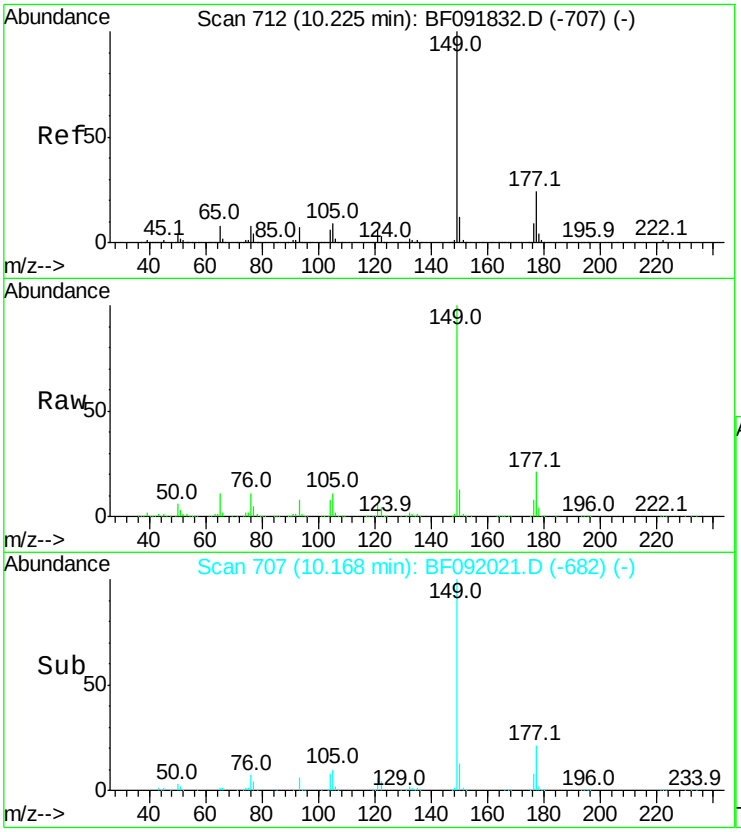


#58
2,3,4,6-Tetrachlorophenol
Concen: 49.21 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:232 Resp: 295716

Ion	Ratio	Lower	Upper
232	100		
131	52.6	40.1	60.1
130	2.6	1.8	2.8
166	33.4	26.6	39.8

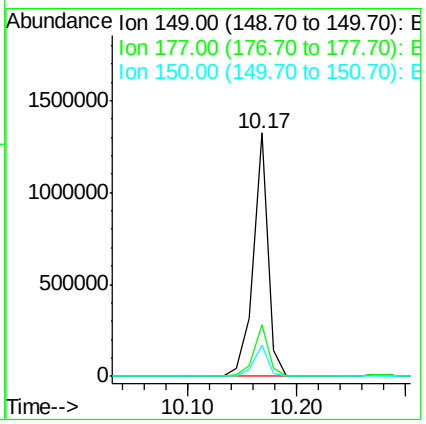




#59
Diethylphthalate
Concen: 48.44 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:149 Resp: 1257169

Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.6	25.0
150	12.9	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
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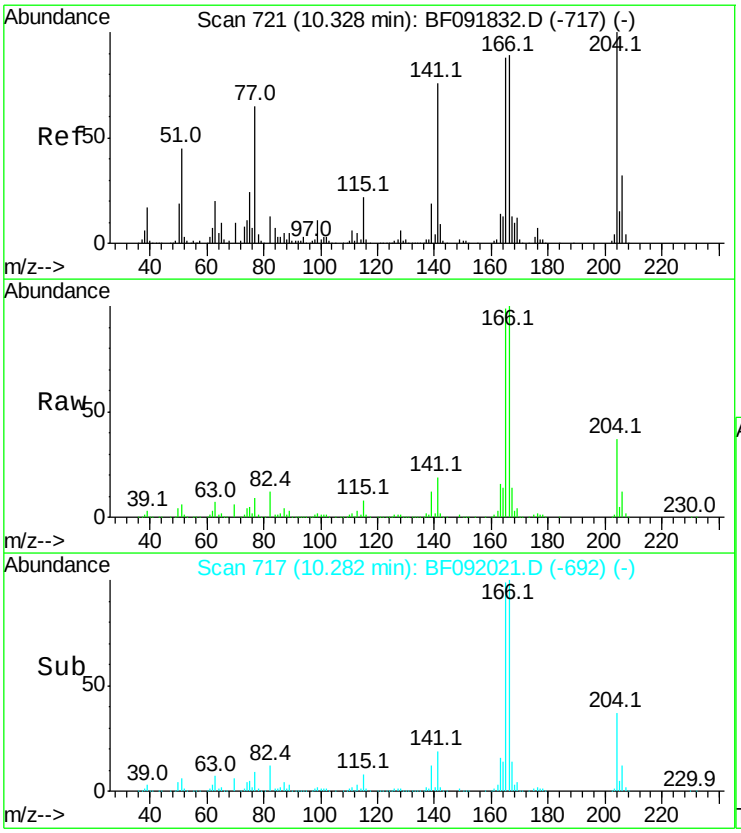
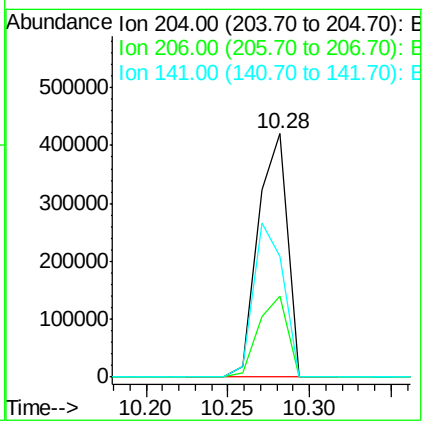
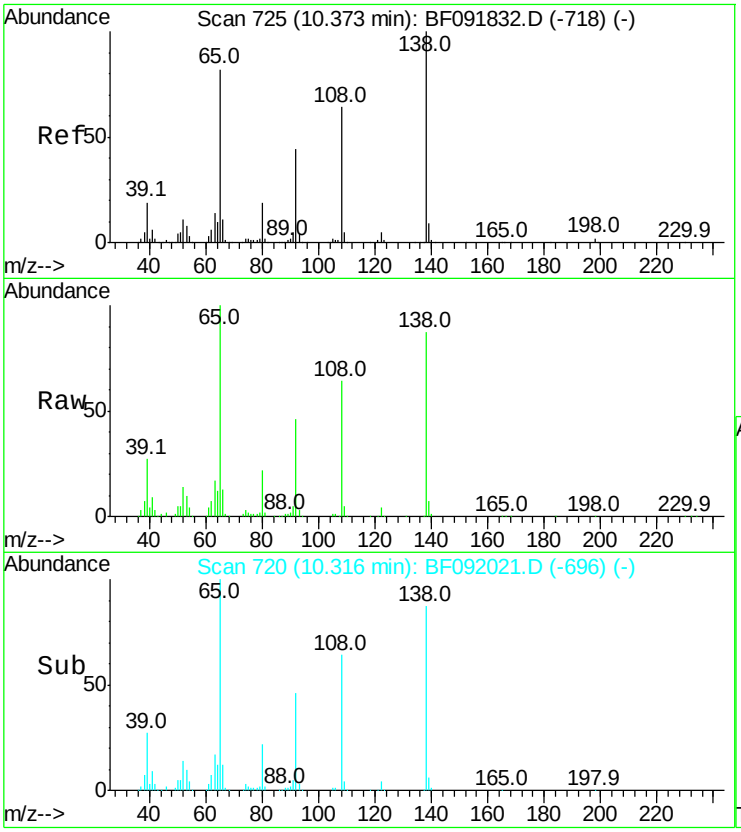


#60
4-Chlorophenyl-phenylether
Concen: 51.72 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:204 Resp: 525617

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.6
141	49.6	59.4	89.0#

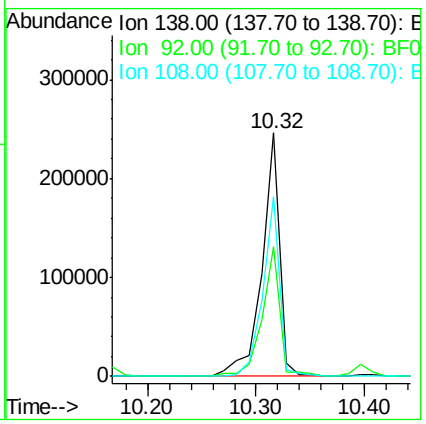




#61
4-Nitroaniline
Concen: 37.76 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:138 Resp: 283266

Ion	Ratio	Lower	Upper
138	100		
92	53.1	31.7	71.7
108	73.8	52.6	92.6



Instrument :
BNA_F
ClientSampleId :
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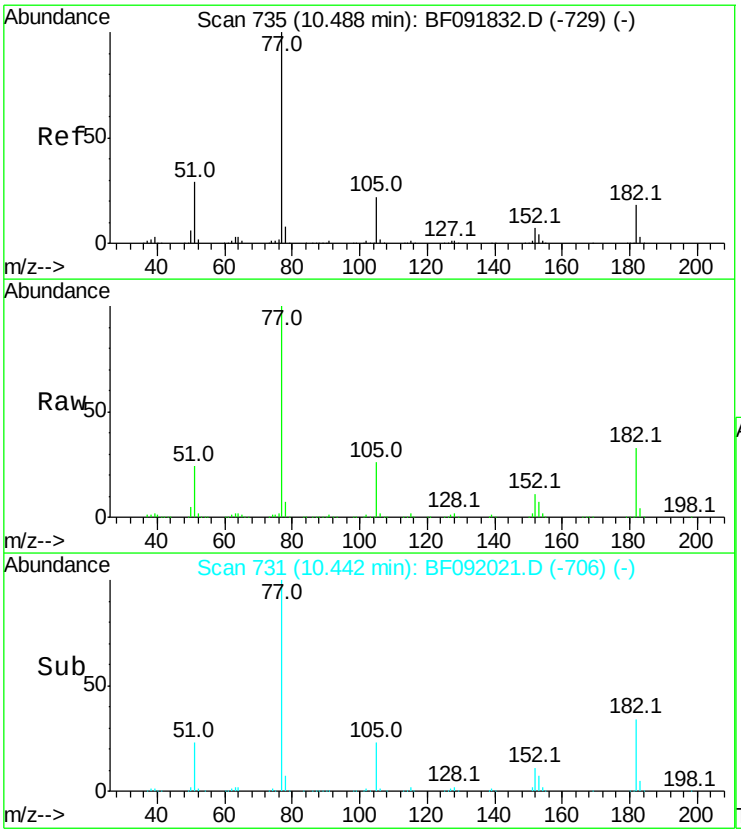
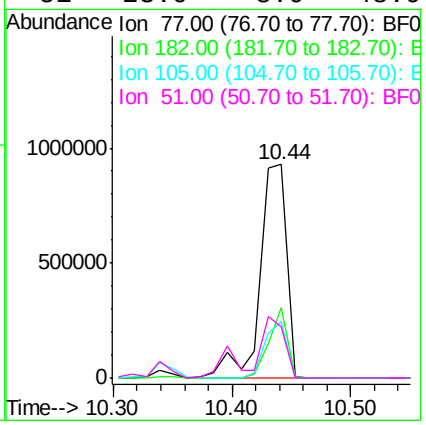
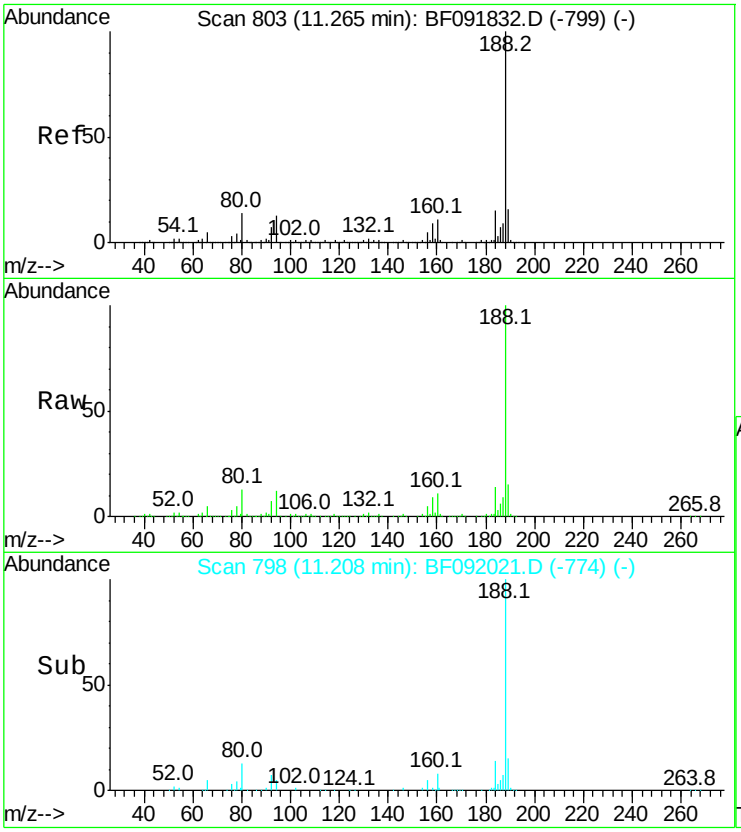


#62
Azobenzene
Concen: 51.27 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion: 77 Resp: 1464880

Ion	Ratio	Lower	Upper
77	100		
182	33.1	0.0	39.3
105	26.3	2.3	42.3
51	23.9	8.9	48.9

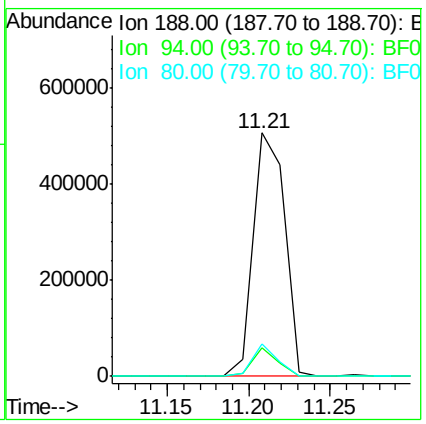




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:188 Resp: 681648

Ion	Ratio	Lower	Upper
188	100		
94	11.8	10.0	15.0
80	13.5	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
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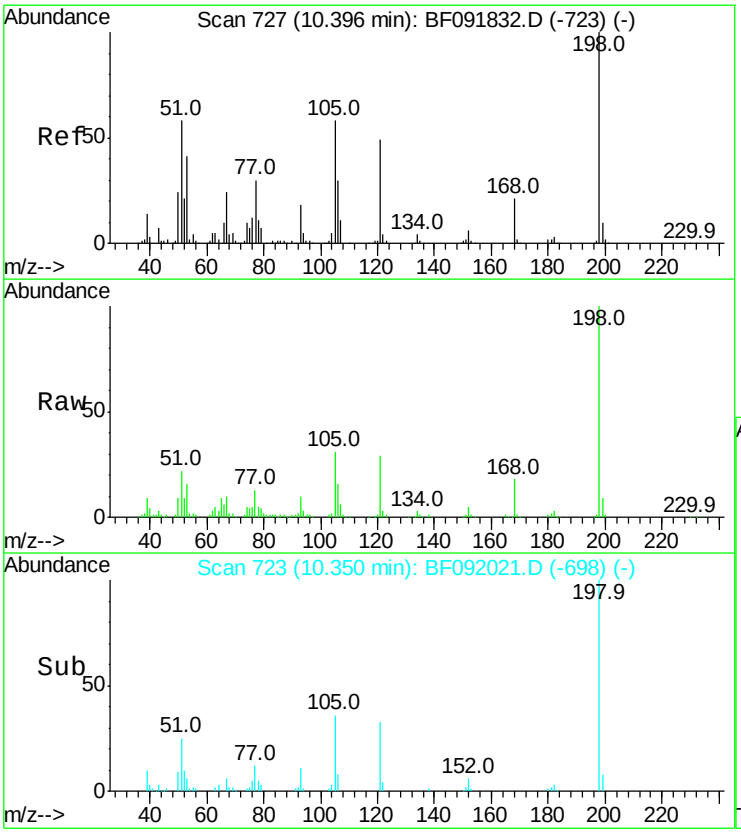
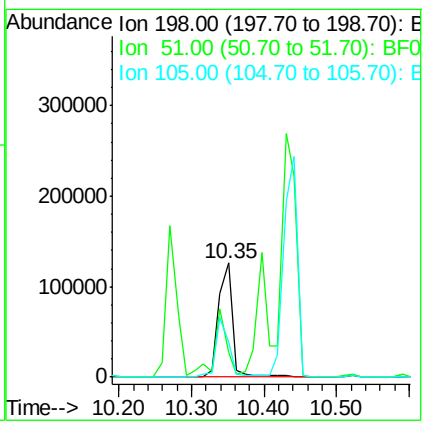
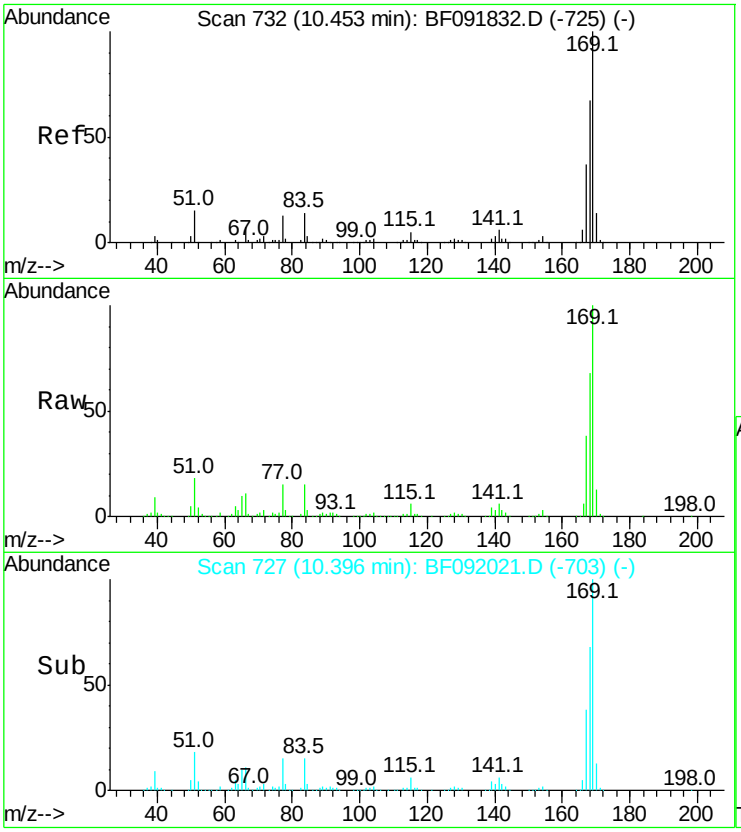


#64
4,6-Dinitro-2-methylphenol
Concen: 41.52 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:198 Resp: 171137

Ion	Ratio	Lower	Upper
198	100		
51	22.1	6.7	46.7
105	30.7	16.6	56.6

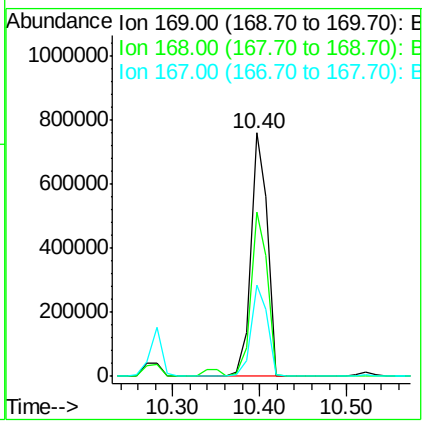




#65
n-Nitrosodiphenylamine
Concen: 50.16 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:169 Resp: 1014599

Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.2	81.2
167	37.6	30.2	45.4



Instrument :
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ClientSampleId :
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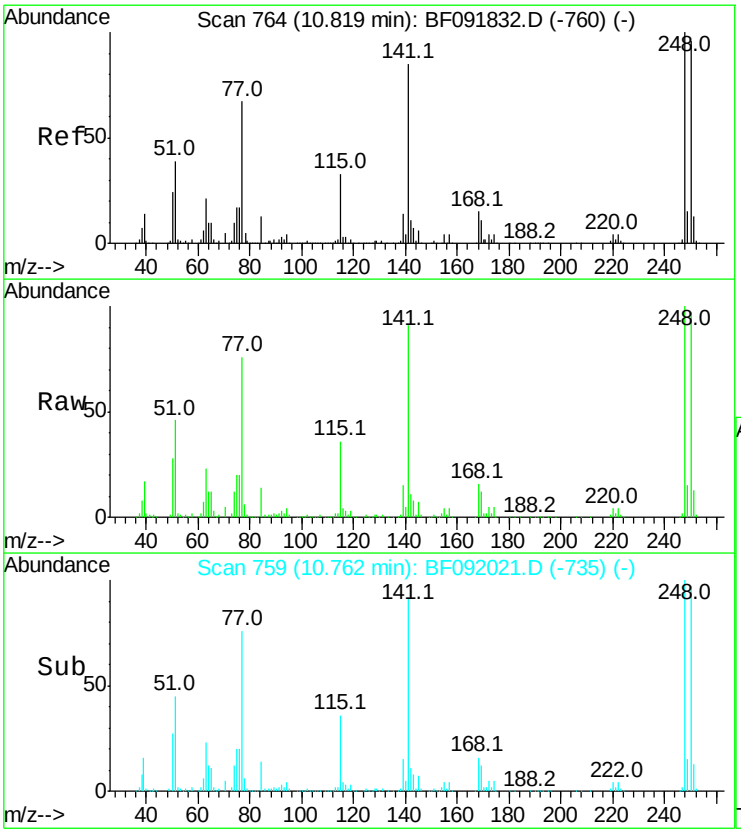
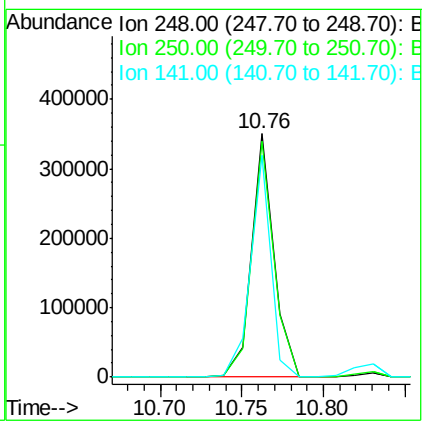
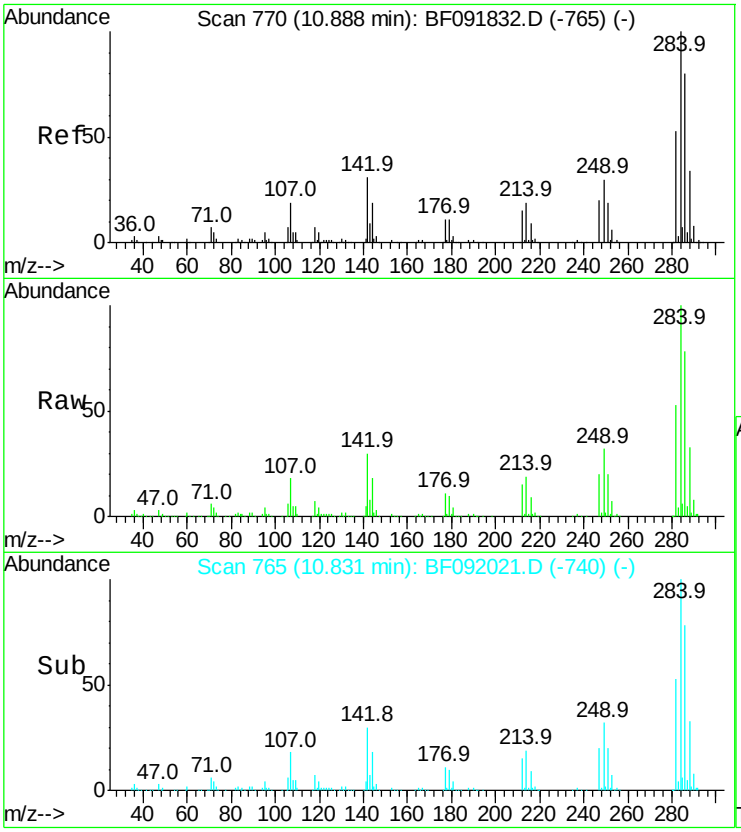


#66
4-Bromophenyl-phenylether
Concen: 47.19 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:248 Resp: 334630

Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.9	115.3
141	91.1	68.2	102.4

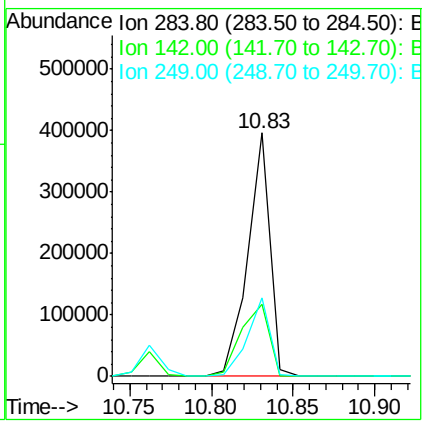




#67
Hexachlorobenzene
Concen: 49.26 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:284 Resp: 373312

Ion	Ratio	Lower	Upper
284	100		
142	29.7	22.6	33.8
249	32.2	25.4	38.0



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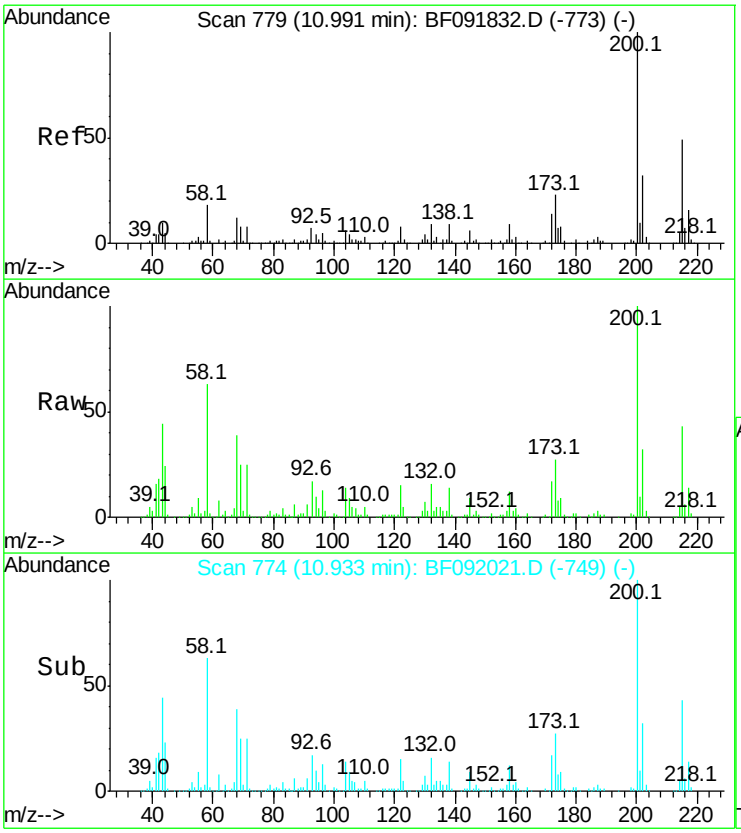
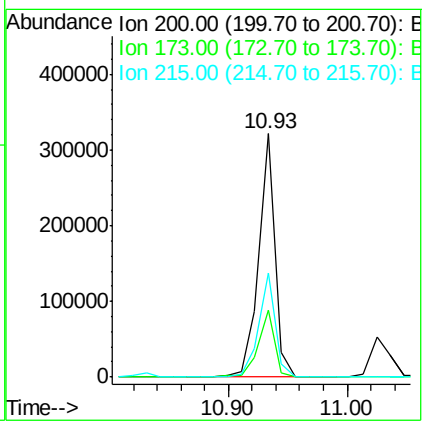
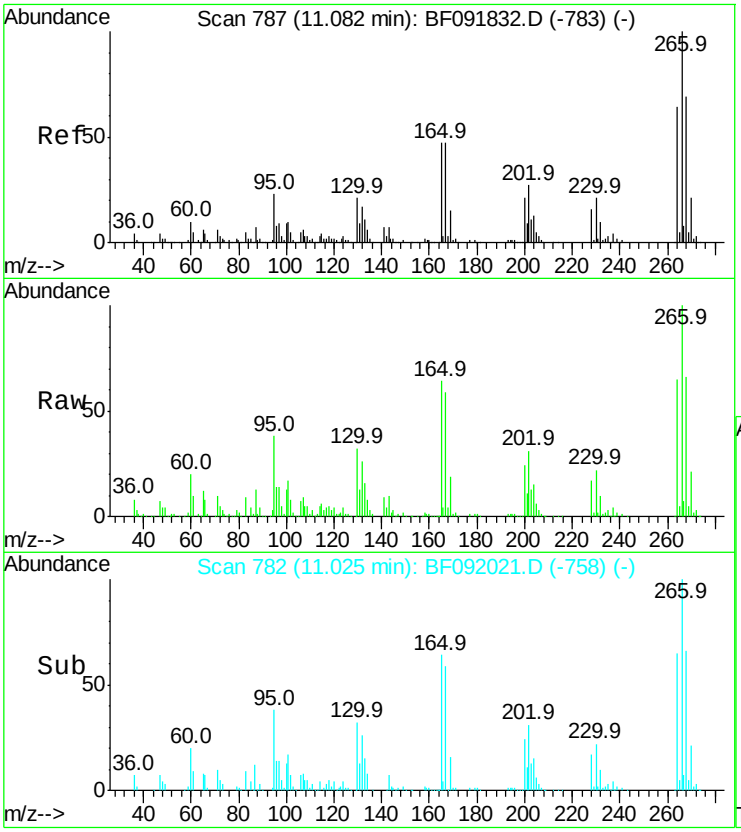


#68
Atrazine
Concen: 47.37 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:200 Resp: 309076

Ion	Ratio	Lower	Upper
200	100		
173	27.3	9.6	49.6
215	42.9	25.7	65.7

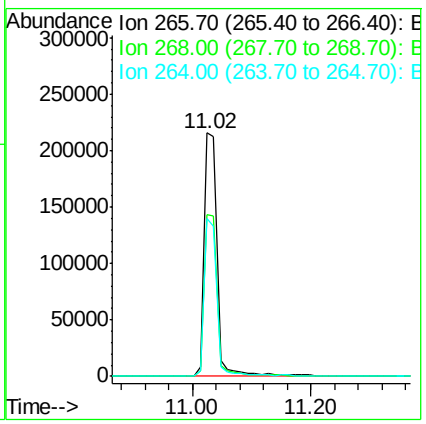




#69
Pentachlorophenol
Concen: 89.32 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:266 Resp: 332160

Ion	Ratio	Lower	Upper
266	100		
268	66.4	53.3	79.9
264	64.8	50.3	75.5



Instrument :
BNA_F
ClientSampleId :
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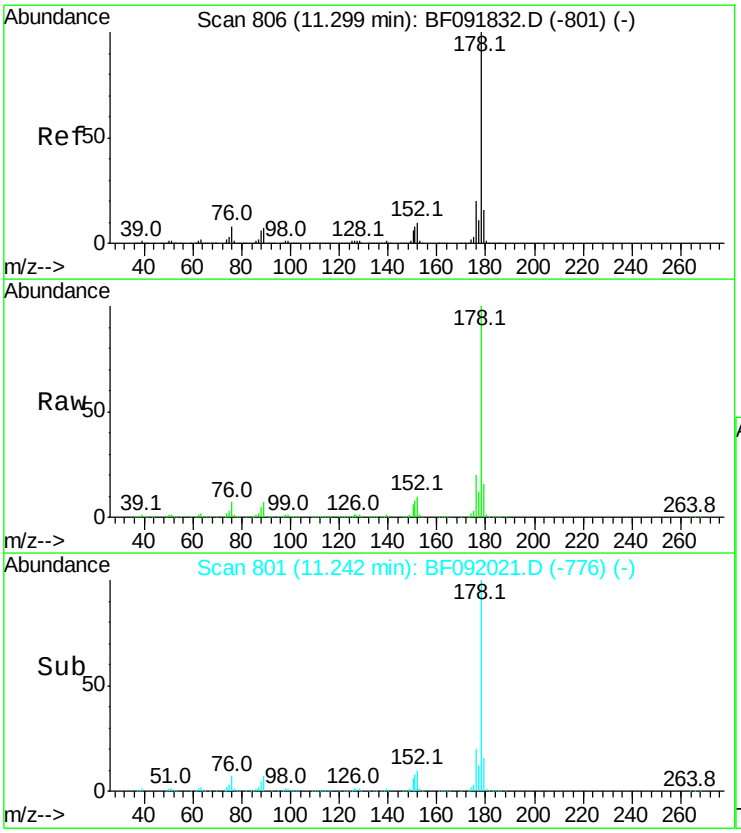
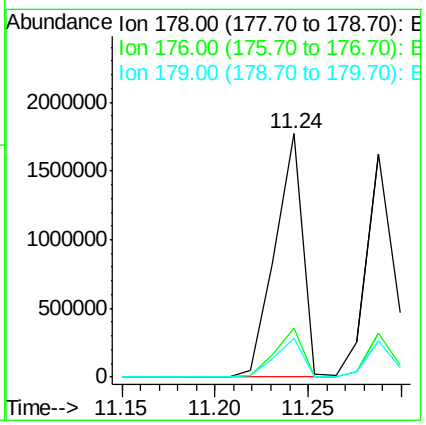
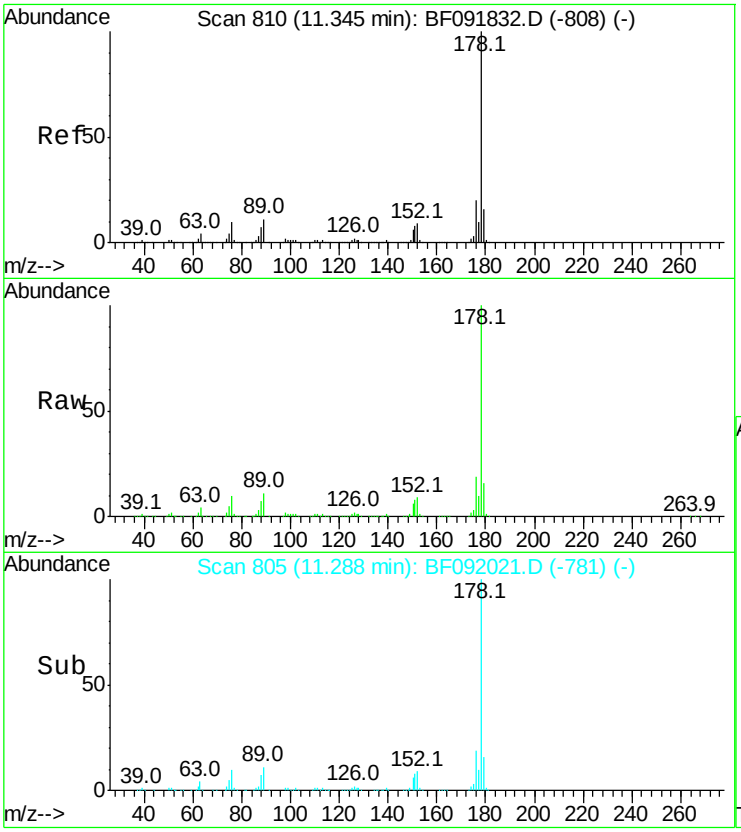


#70
Phenanthrene
Concen: 49.71 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:178 Resp: 1837260

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.6	25.0
179	16.0	12.8	19.2

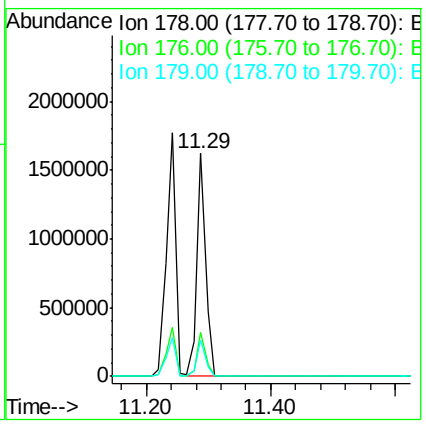




#71
Anthracene
Concen: 52.35 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:178 Resp: 1620003

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	16.3	13.2	19.8



Instrument :
BNA_F
ClientSampleId :
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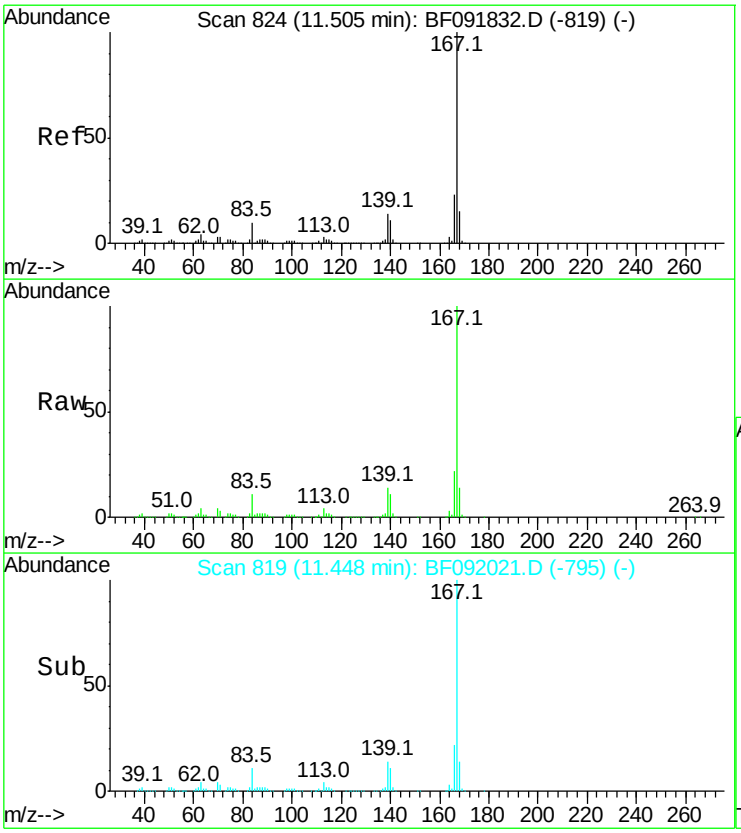
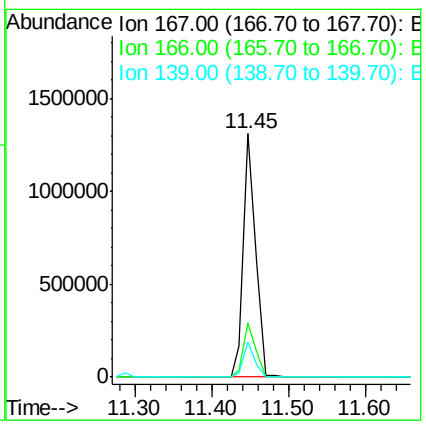
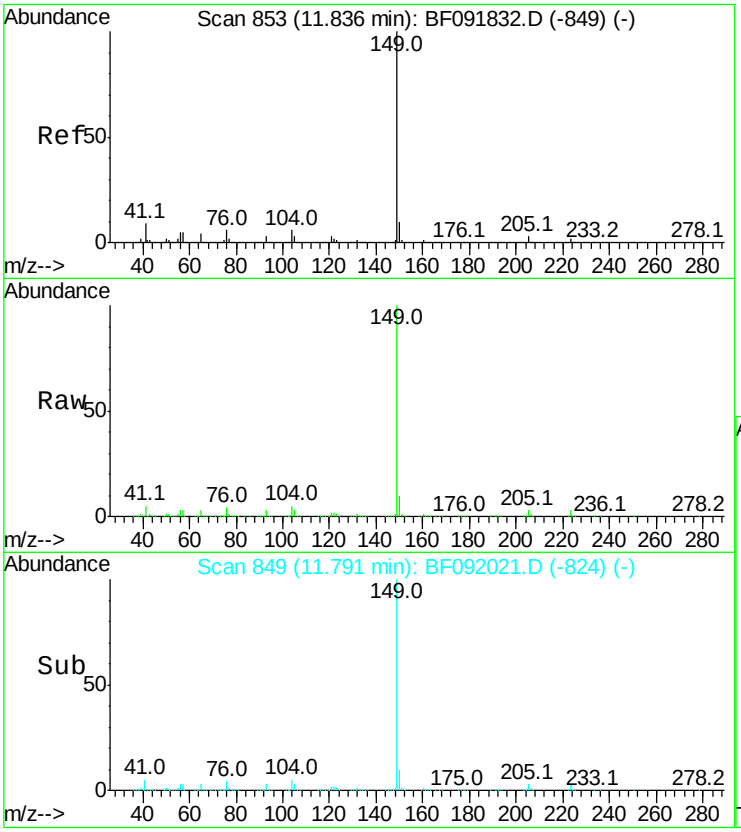


#72
Carbazole
Concen: 50.38 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:167 Resp: 1451672

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.2
139	14.5	11.4	17.2

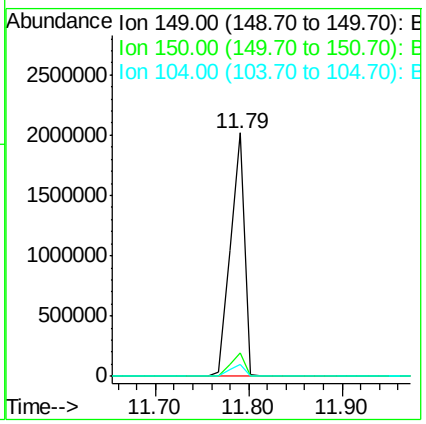




#73
Di-n-butylphthalate
Concen: 62.85 ng
RT: 11.79 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:149 Resp: 2144127

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.8	4.6	7.0



Instrument :
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ClientSampleId :
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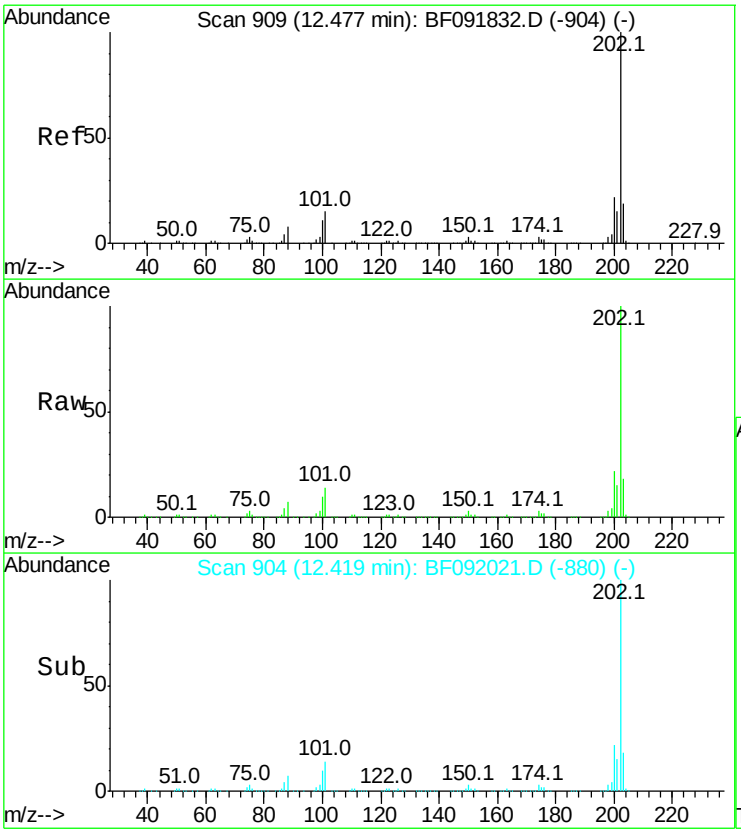
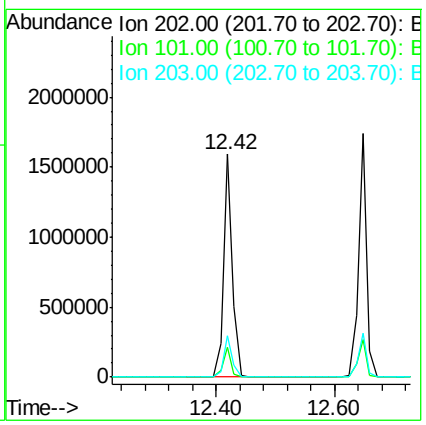
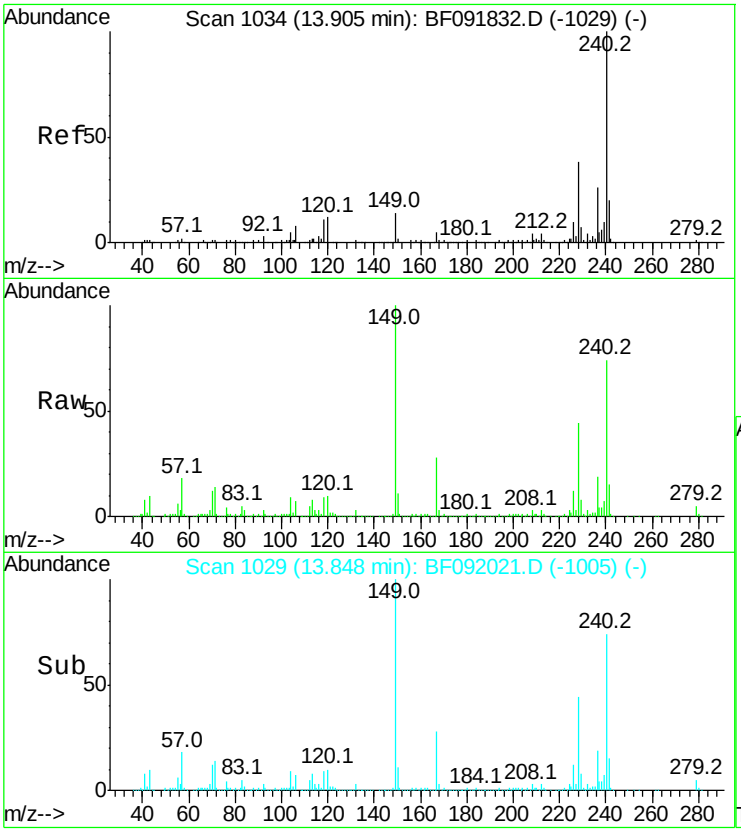


#74
Fluoranthene
Concen: 50.57 ng
RT: 12.42 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:202 Resp: 1624403

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.6
203	18.5	0.0	38.7

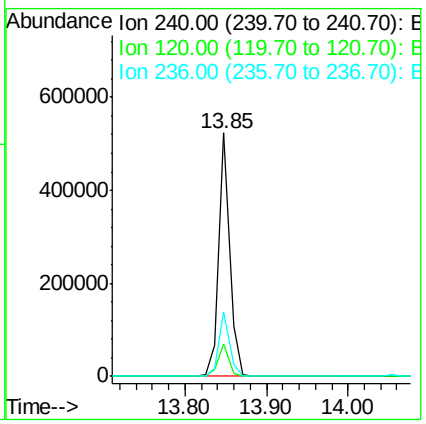




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:240 Resp: 487952

Ion	Ratio	Lower	Upper
240	100		
120	13.1	12.9	19.3
236	26.4	20.9	31.3



Instrument :
BNA_F
ClientSampleId :
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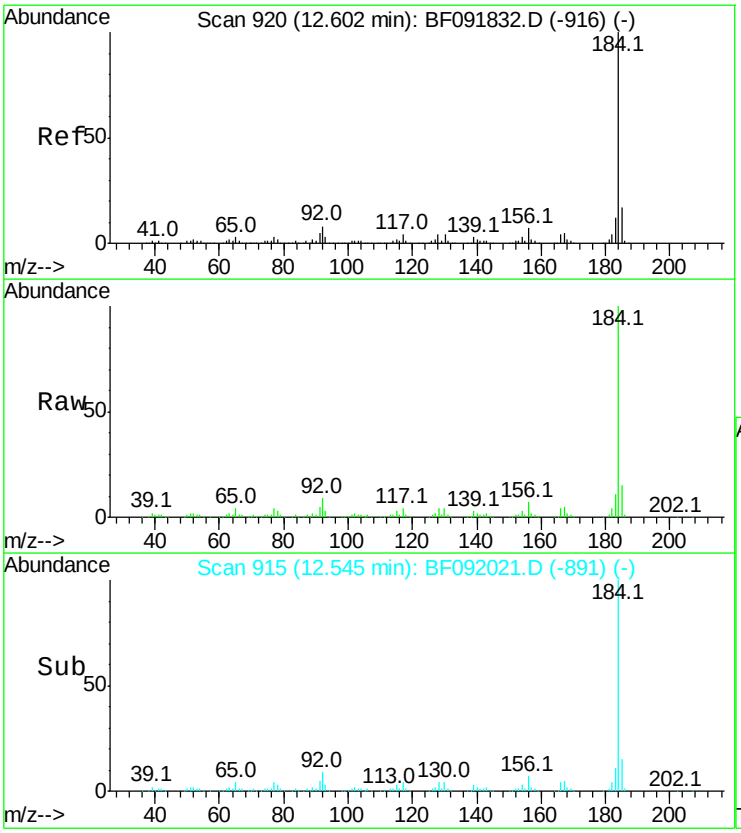
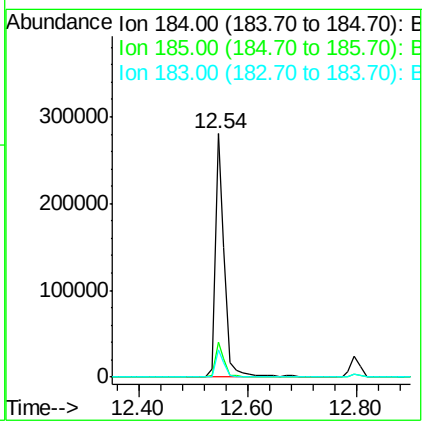
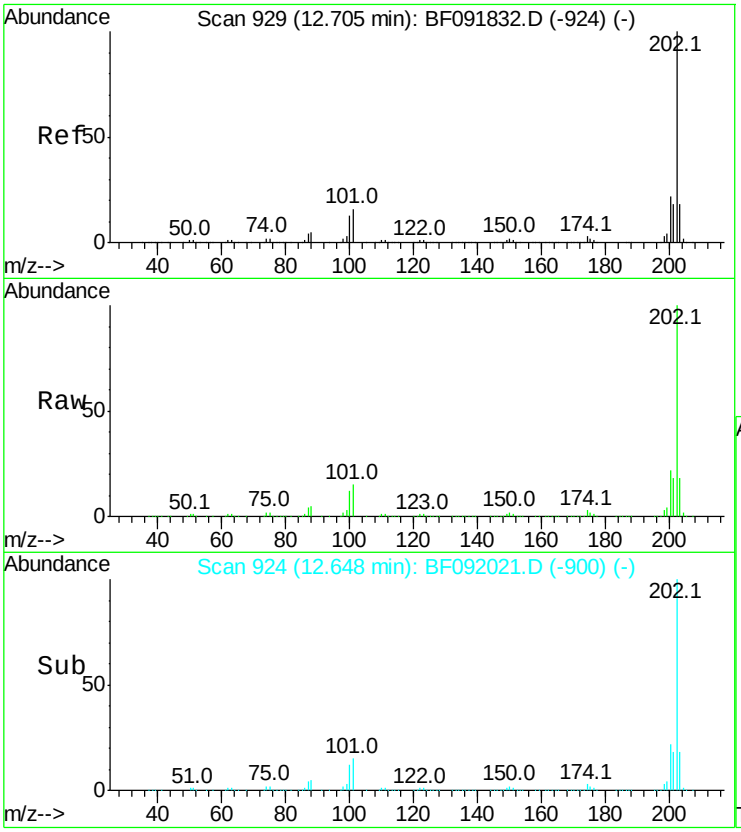


#76
Benzidine
Concen: 23.99 ng
RT: 12.54 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:184 Resp: 337767

Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.4	20.0
183	11.2	9.2	13.8

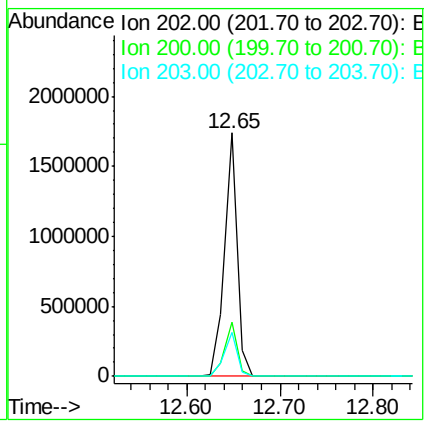




#77
Pyrene
Concen: 45.87 ng
RT: 12.65 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:202 Resp: 1642047

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	18.3	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
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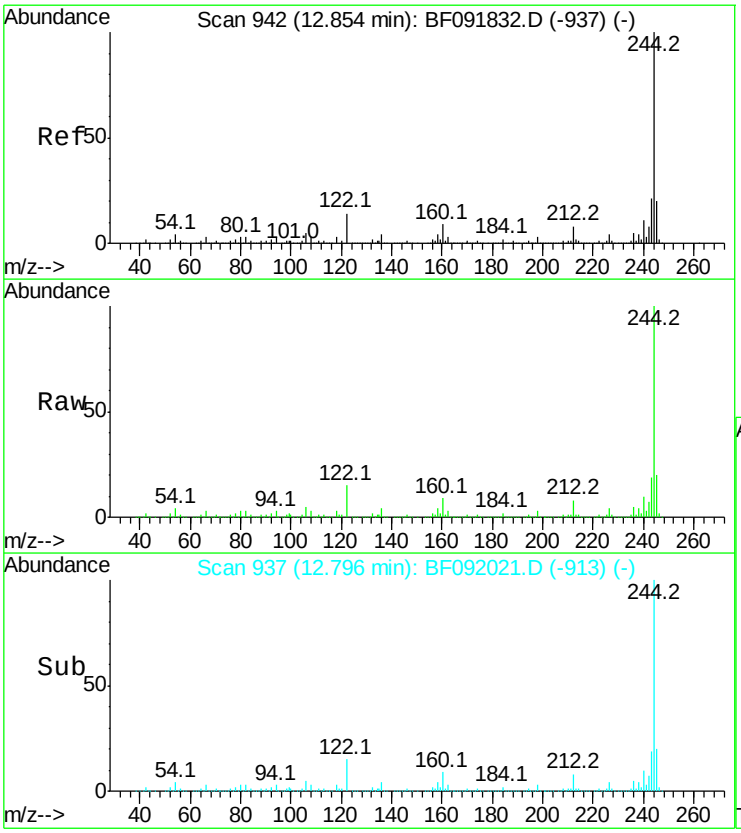
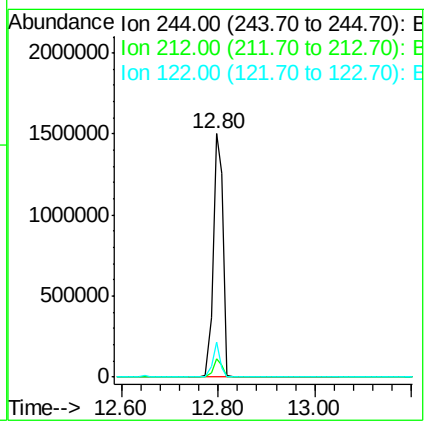
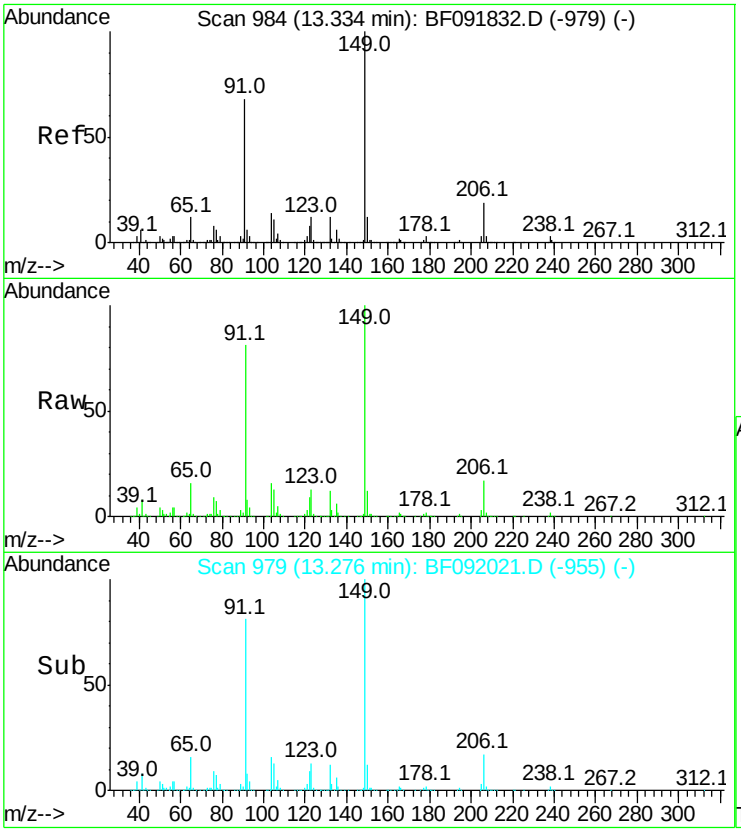


#78
Terphenyl-d14
Concen: 108.40 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:244 Resp: 2180892

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	14.6	11.4	17.2

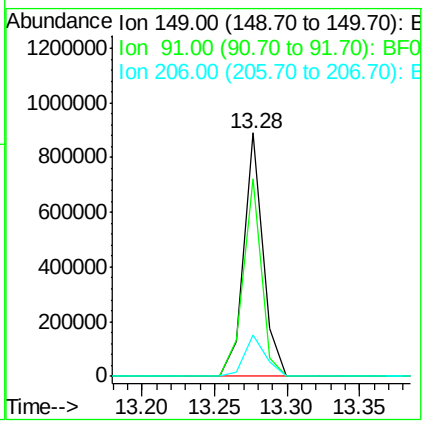




#79
Butylbenzylphthalate
Concen: 50.56 ng
RT: 13.28 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:149 Resp: 823303

Ion	Ratio	Lower	Upper
149	100		
91	81.0	63.9	95.9
206	16.8	14.6	21.8



Instrument :
BNA_F
ClientSampleId :
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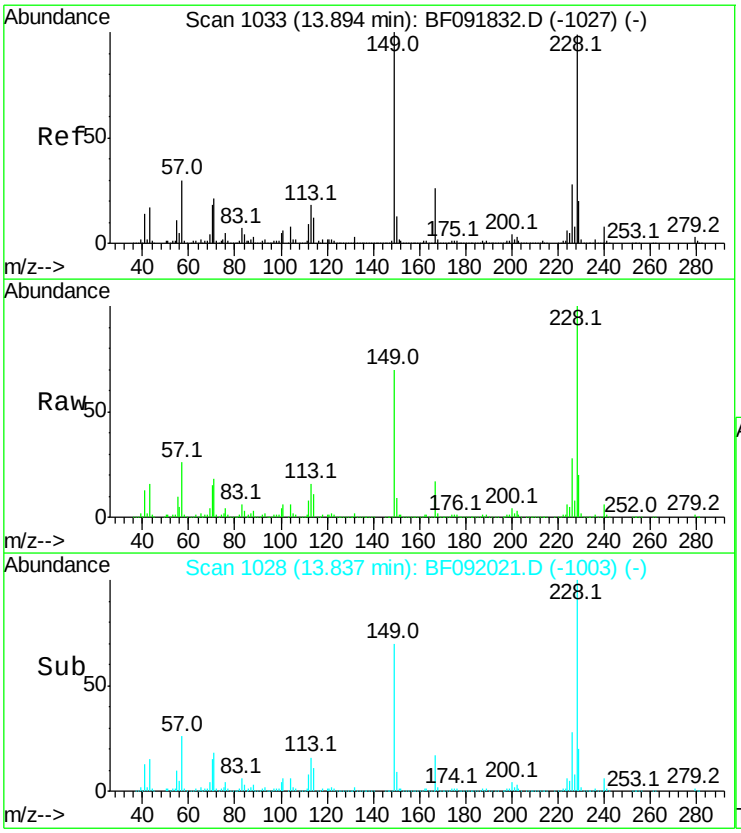
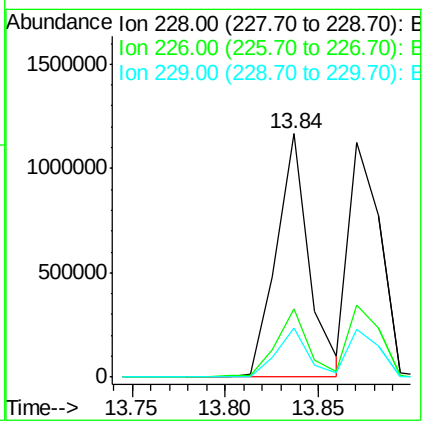
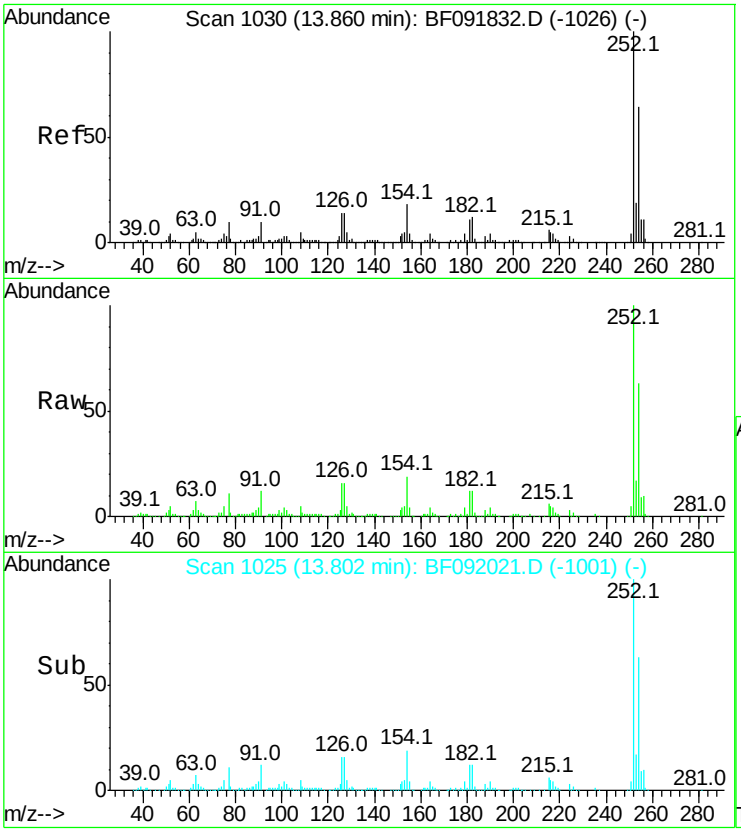


#80
Benzo(a)anthracene
Concen: 51.72 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:228 Resp: 1424469

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	20.1	16.2	24.4

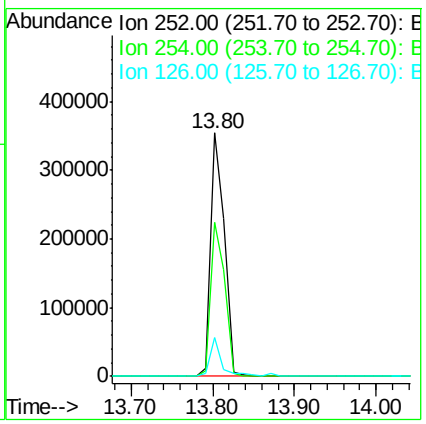




#81
3,3'-Dichlorobenzidine
Concen: 40.07 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:252 Resp: 418555

Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.3	78.5
126	16.0	13.6	20.4



Instrument :
BNA_F
ClientSampleId :
MW-01MSD

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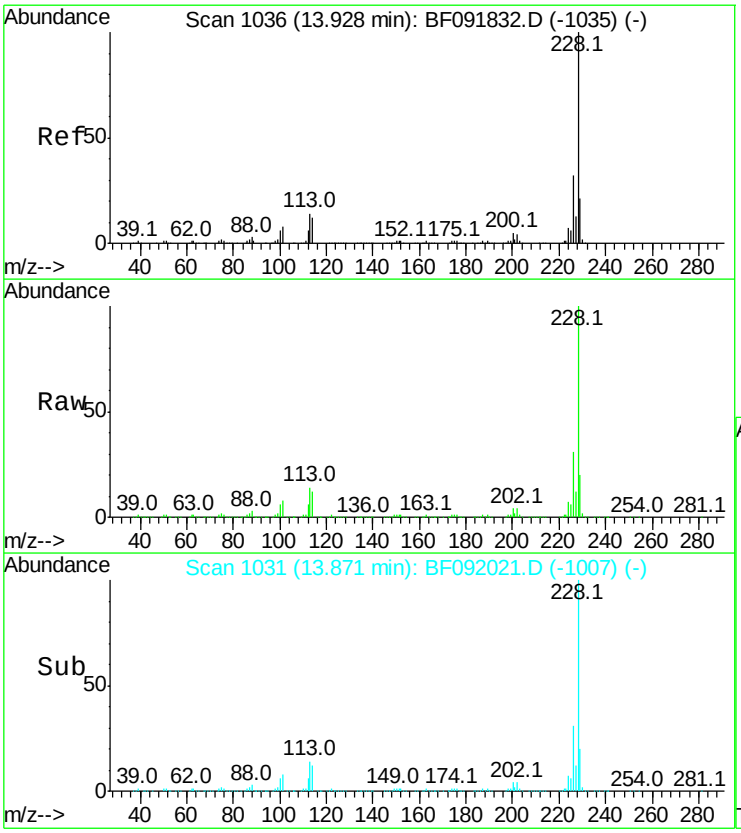
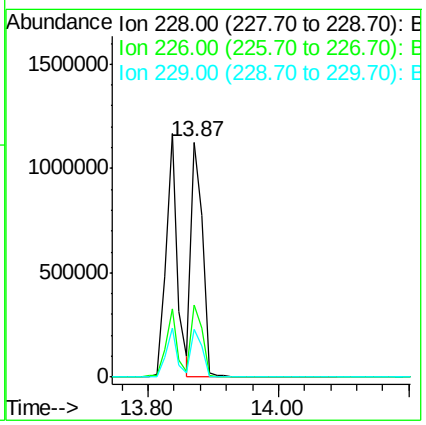
12/30/2016 8:41:45 AM

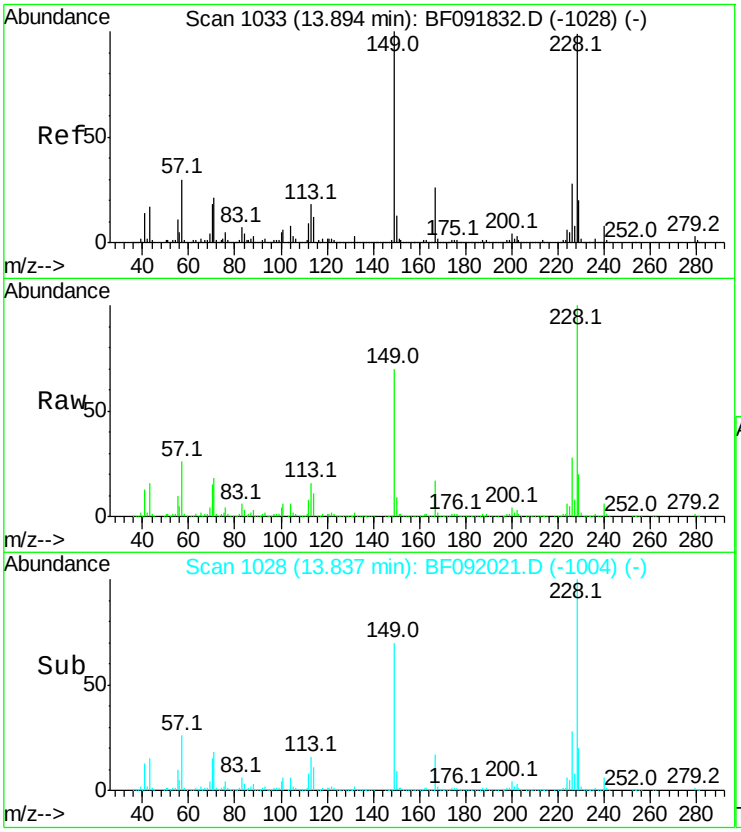


#82
Chrysene
Concen: 48.52 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:228 Resp: 1340465

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	20.4	16.2	24.2

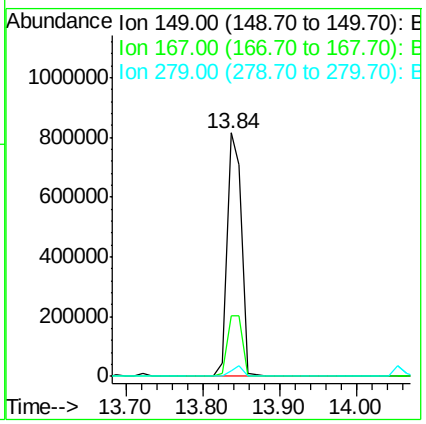




#83
Bis(2-ethylhexyl)phthalate
Concen: 57.11 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:149 Resp: 1095159

Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.2	30.4
279	2.0	1.8	2.8



Instrument :
BNA_F
ClientSampleId :
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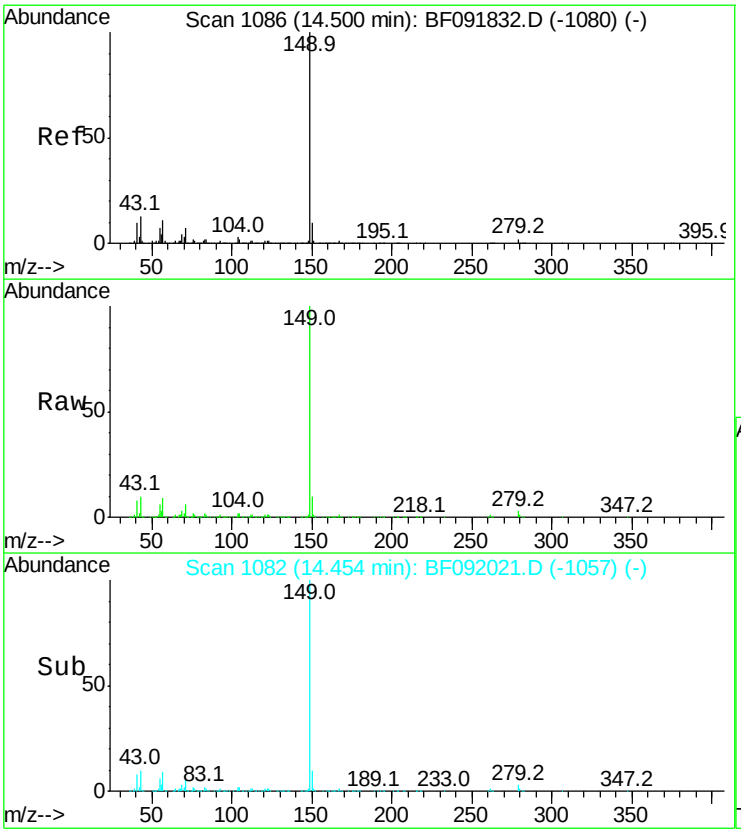
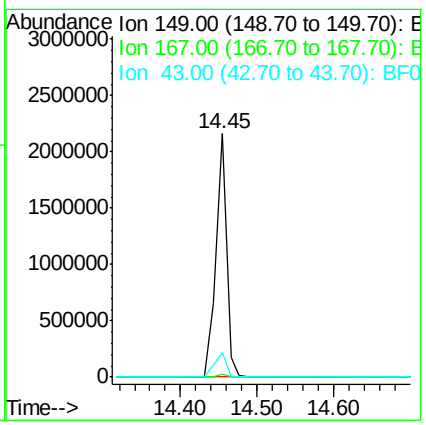
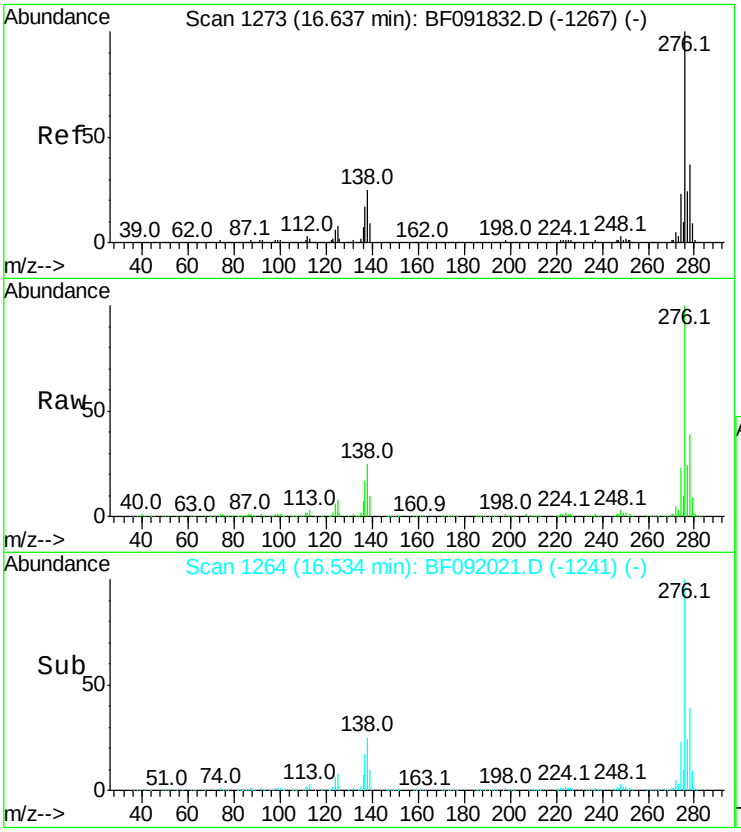


#84
Di-n-octyl phthalate
Concen: 58.42 ng
RT: 14.45 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:149 Resp: 2075275

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.0	8.9	13.3

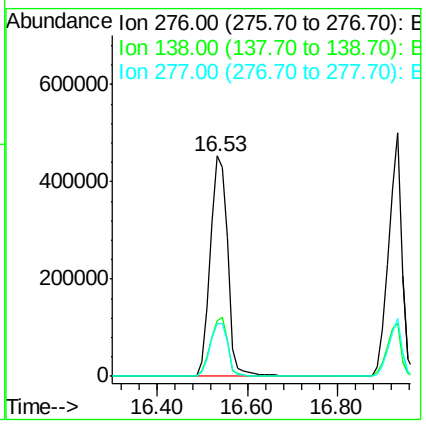




#85
Indeno(1,2,3-cd)pyrene
Concen: 51.25 ng
RT: 16.53 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:276 Resp: 1226639

Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.8	32.6
277	24.8	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
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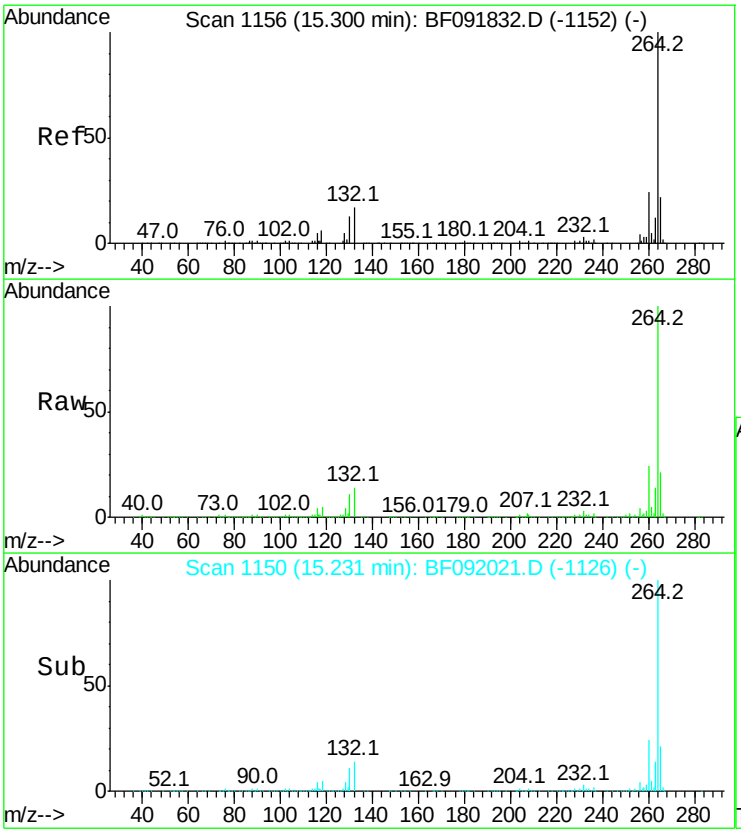
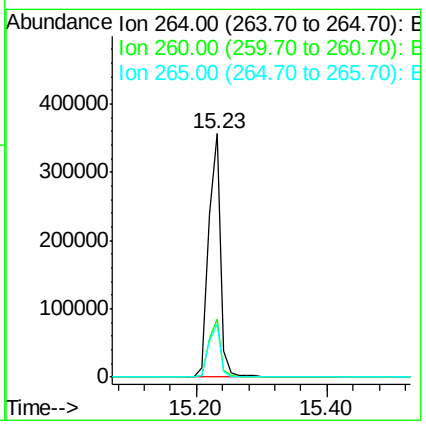
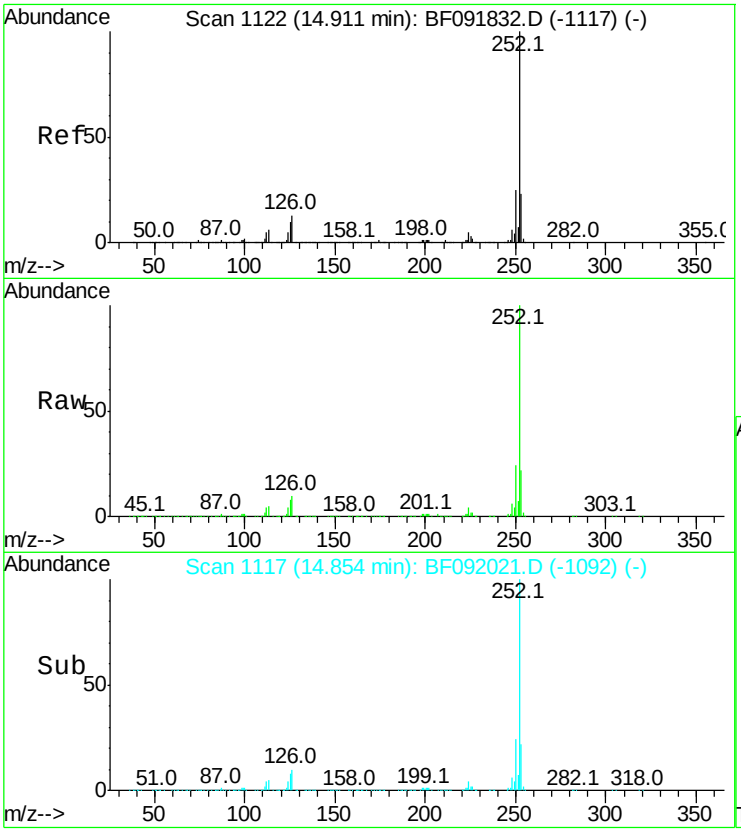


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:264 Resp: 458140

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	17.4	26.0

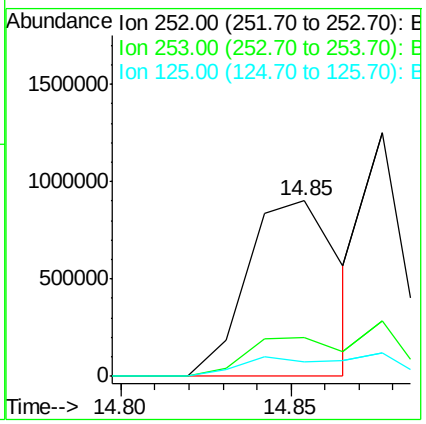




#87
Benzo(b)fluoranthene
Concen: 60.10 ng m
RT: 14.85 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:252 Resp: 1714309

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	7.9	9.8	14.6#



Instrument :
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ClientSampleId :
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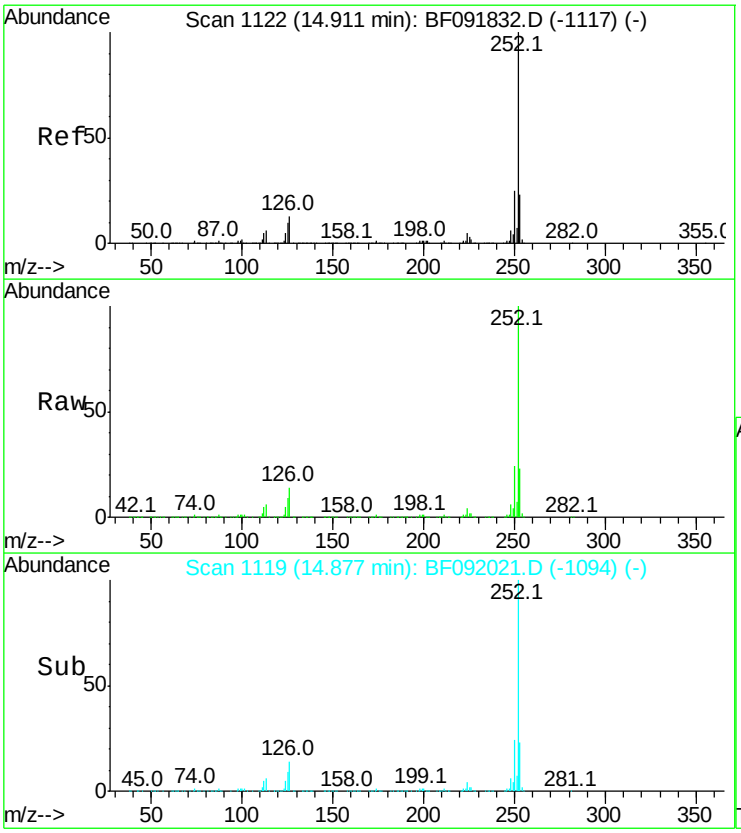
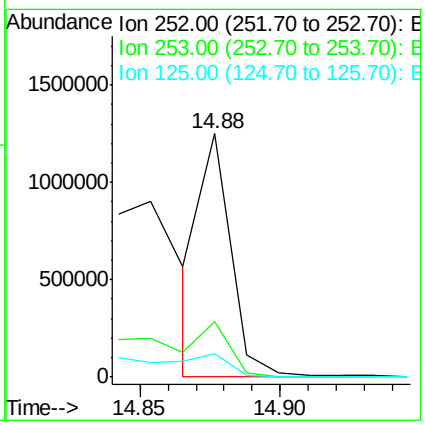
12/30/2016 8:41:45 AM

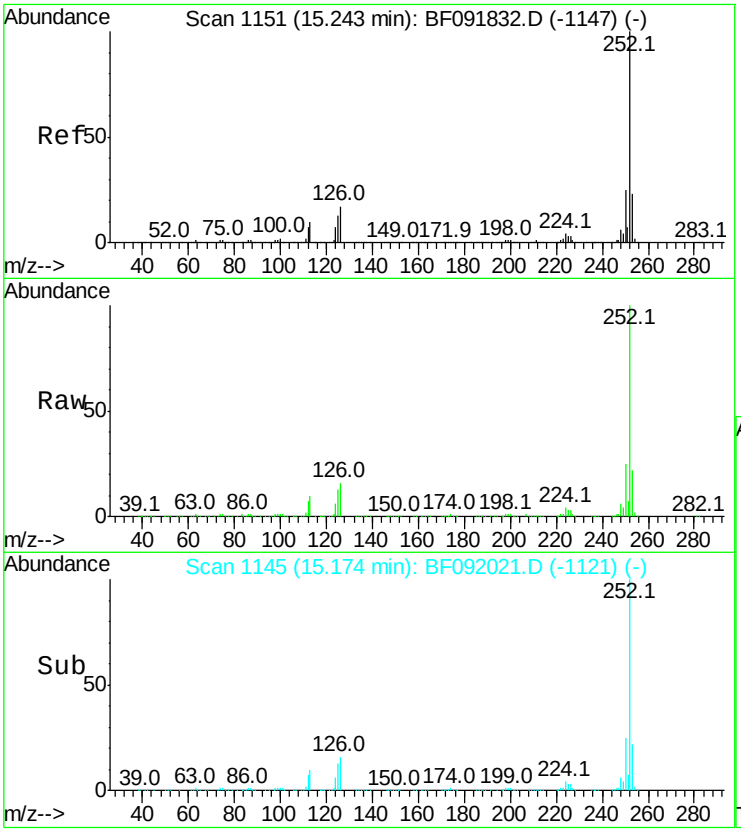


#88
Benzo(k)fluoranthene
Concen: 39.63 ng m
RT: 14.88 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:252 Resp: 964017

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	9.4	8.9	13.3

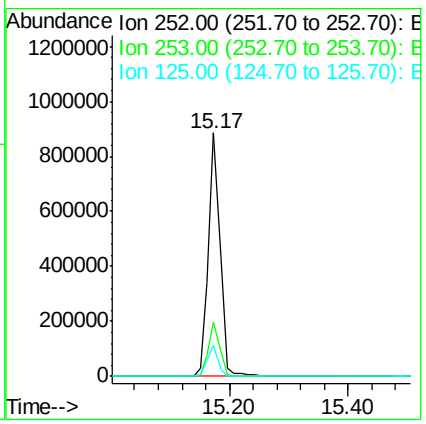




#89
Benzo(a)pyrene
Concen: 47.52 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:252 Resp: 1203109

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	12.6	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
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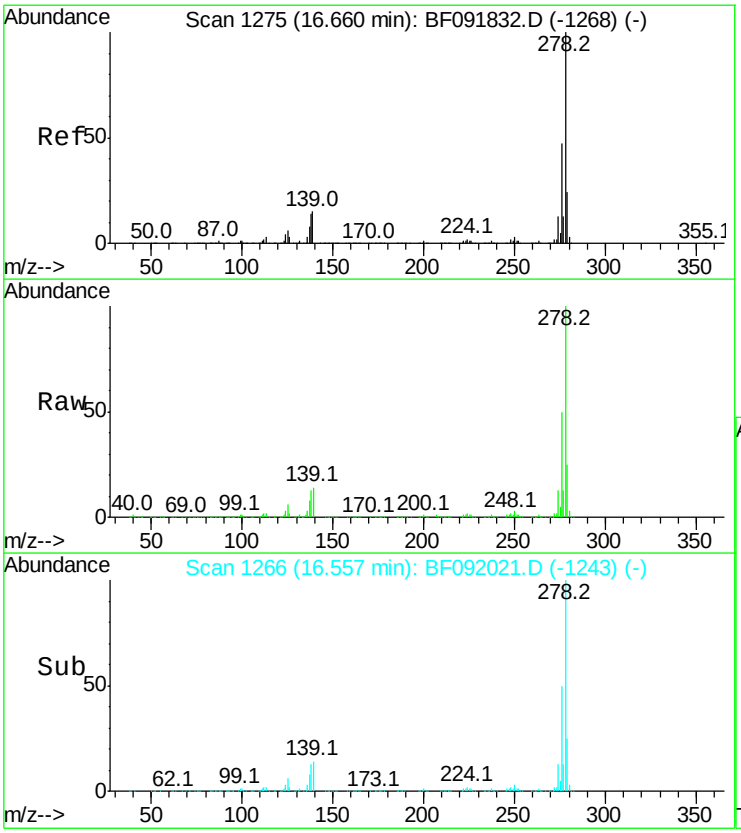
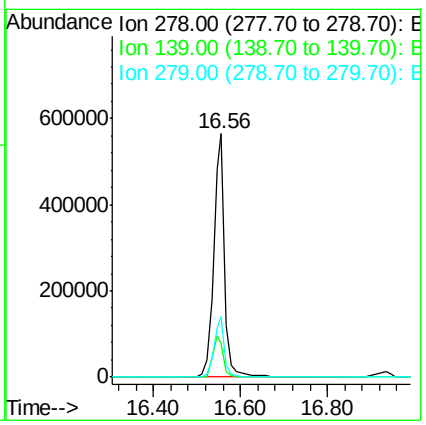
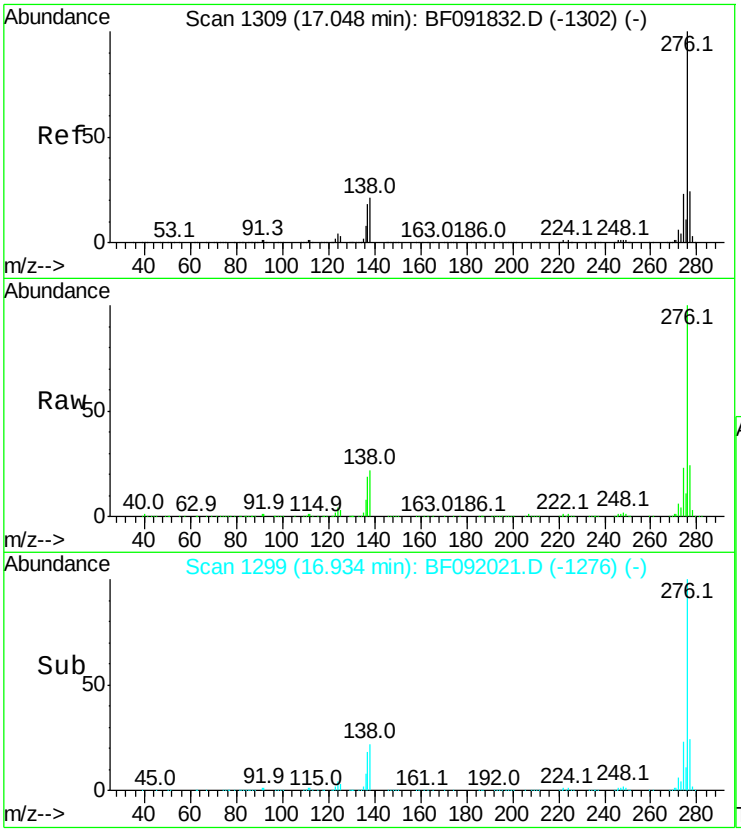


#90
Dibenzo(a,h)anthracene
Concen: 48.85 ng
RT: 16.56 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:278 Resp: 1016406

Ion	Ratio	Lower	Upper
278	100		
139	14.1	14.8	22.2#
279	24.8	19.8	29.6

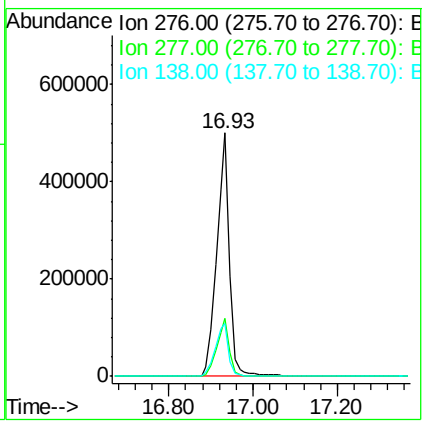




#91
Benzo(g,h,i)perylene
Concen: 48.24 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.03 min
Lab File: BF092021.D
Acq: 29 Dec 2016 13:26

Tgt Ion:276 Resp: 1043733

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	21.6	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Manual Integrations APPROVED
Sohil
12/30/2016 8:41:45 AM