Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086044.D
Acq On : 4 Apr 2016 18:04
Operator : UM/SJ
Sample : H2180-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-1-20160401MSD

Manual Integrations APPROVED
Sohil
4/5/2016 6:39:06 PM

Quant Time: Apr 05 11:20:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	102083	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	384557	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	162268	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	254984	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	193460	20.00	ng		0.00
86) Perylene-d12	15.32	264	181876	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	811336	135.85	ng		0.00
7) Phenol-d6	6.42	99	988313	130.28	ng		0.00
23) Nitrobenzene-d5	7.33	82	616046	94.47	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	185296	121.66	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	955791	97.94	ng		-0.01
78) Terphenyl-d14	12.87	244	620279	75.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	110216	38.93	ng		98
3) Pyridine	3.02	79	294897	46.52	ng		99
4) n-Nitrosodimethylamine	2.97	42	143621	51.53	ng		97
6) Aniline	6.44	93	80710m	8.11	ng		
8) 2-Chlorophenol	6.56	128	320610	45.01	ng		99
9) Benzaldehyde	6.32	77	130604	32.00	ng		88
10) Phenol	6.43	94	378784	43.77	ng		99
11) bis(2-Chloroethyl)ether	6.50	93	478487m	69.83	ng		
12) 1,3-Dichlorobenzene	6.70	146	339150m	44.93	ng		
13) 1,4-Dichlorobenzene	6.78	146	340439	43.77	ng		93
14) 1,2-Dichlorobenzene	6.93	146	318300	44.47	ng		97
15) Benzyl Alcohol	6.92	79	244269	49.77	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	350793	41.91	ng		61
17) 2-Methylphenol	7.04	107	262773	46.79	ng		94
18) Hexachloroethane	7.28	117	118535	41.44	ng		97
19) n-Nitroso-di-n-propylamine	7.18	70	203466	43.27	ng	#	92
20) 3+4-Methylphenols	7.20	107	325626	47.68	ng	#	62
22) Acetophenone	7.18	105	448769	49.64	ng	#	89
24) Nitrobenzene	7.36	77	351985	49.34	ng		93
25) Isophorone	7.60	82	608230	47.25	ng		95
26) 2-Nitrophenol	7.68	139	161606	47.35	ng	#	90
27) 2,4-Dimethylphenol	7.72	122	305153	49.78	ng		94
28) bis(2-Chloroethoxy)methane	7.80	93	360029	47.67	ng	#	98
29) 2,4-Dichlorophenol	7.92	162	247396	47.73	ng		94
30) 1,2,4-Trichlorobenzene	8.00	180	276026	47.45	ng		95
31) Naphthalene	8.08	128	932541	48.21	ng		99
32) Benzoic acid	7.81	122	12436	2.77	ng		95
33) 4-Chloroaniline	8.14	127	149956	19.19	ng		98
34) Hexachlorobutadiene	8.19	225	143718	45.95	ng		98
35) Caprolactam	8.50	113	77625	47.21	ng		95
36) 4-Chloro-3-methylphenol	8.62	107	266391	45.72	ng		96
37) 2-Methylnaphthalene	8.76	142	564601	44.68	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	235189	48.22	ng		99
40) Hexachlorocyclopentadiene	8.91	237	56993	41.41	ng		99

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

Manual Integrations APPROVED
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Quant Time: Apr 05 11:20:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	160925	51.38	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	162331	51.05	ng	#	88
45) 1,1'-Biphenyl	9.23	154	667118	47.68	ng		94
46) 2-Chloronaphthalene	9.25	162	507146	50.00	ng		97
47) 2-Nitroaniline	9.36	65	161125	54.30	ng		96
48) Acenaphthylene	9.66	152	810915	49.91	ng		99
49) Dimethylphthalate	9.53	163	675060	56.13	ng		99
50) 2,6-Dinitrotoluene	9.60	165	117714	46.26	ng		95
51) Acenaphthene	9.84	154	460498	47.66	ng		99
52) 3-Nitroaniline	9.77	138	106399	34.69	ng		96
53) 2,4-Dinitrophenol	9.88	184	23937	23.21	ng		97
54) Dibenzofuran	10.01	168	636692	49.89	ng		99
55) 4-Nitrophenol	9.95	139	154932	85.69	ng		87
56) 2,4-Dinitrotoluene	10.01	165	138482	43.07	ng	#	74
57) Fluorene	10.35	166	498048	45.69	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	113645	48.00	ng		98
59) Diethylphthalate	10.22	149	533930	43.98	ng		97
60) 4-Chlorophenyl-phenylether	10.34	204	215893	42.52	ng		94
61) 4-Nitroaniline	10.38	138	113321	37.52	ng		95
62) Azobenzene	10.50	77	556622	47.87	ng		98
64) 4,6-Dinitro-2-methylphenol	10.42	198	30948	20.03	ng	#	64
65) n-Nitrosodiphenylamine	10.46	169	441028	55.31	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	139439	53.56	ng		100
67) Hexachlorobenzene	10.90	284	133150	49.46	ng	#	91
68) Atrazine	10.99	200	120386	46.72	ng		95
69) Pentachlorophenol	11.09	266	120481	95.49	ng		99
70) Phenanthrene	11.31	178	795888	57.21	ng		100
71) Anthracene	11.36	178	660532	45.33	ng		99
72) Carbazole	11.52	167	548897	43.82	ng		99
73) Di-n-butylphthalate	11.85	149	738615	47.59	ng		100
74) Fluoranthene	12.50	202	850462	58.78	ng		93
77) Pyrene	12.73	202	823762	60.42	ng		100
79) Butylbenzylphthalate	13.35	149	273876	44.62	ng	#	77
80) Benzo(a)anthracene	13.92	228	628804	55.14	ng		98
81) 3,3'-Dichlorobenzidine	13.87	252	44464	5.34	ng	#	95
82) Chrysene	13.95	228	621158	56.55	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	413183	50.71	ng	#	94
84) Di-n-octyl phthalate	14.51	149	690449	53.07	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	504630	56.62	ng		99
87) Benzo(b)fluoranthene	14.93	252	657199m	57.44	ng		
88) Benzo(k)fluoranthene	14.96	252	511166m	50.45	ng		
89) Benzo(a)pyrene	15.28	252	563857	55.62	ng		97
90) Dibenzo(a,h)anthracene	16.69	278	385014	47.21	ng		97
91) Benzo(g,h,i)perylene	17.09	276	408847	51.80	ng		98

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

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QLast Update : Fri Apr 01 23:17:06 2016
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Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

Manual Integrations APPROVED
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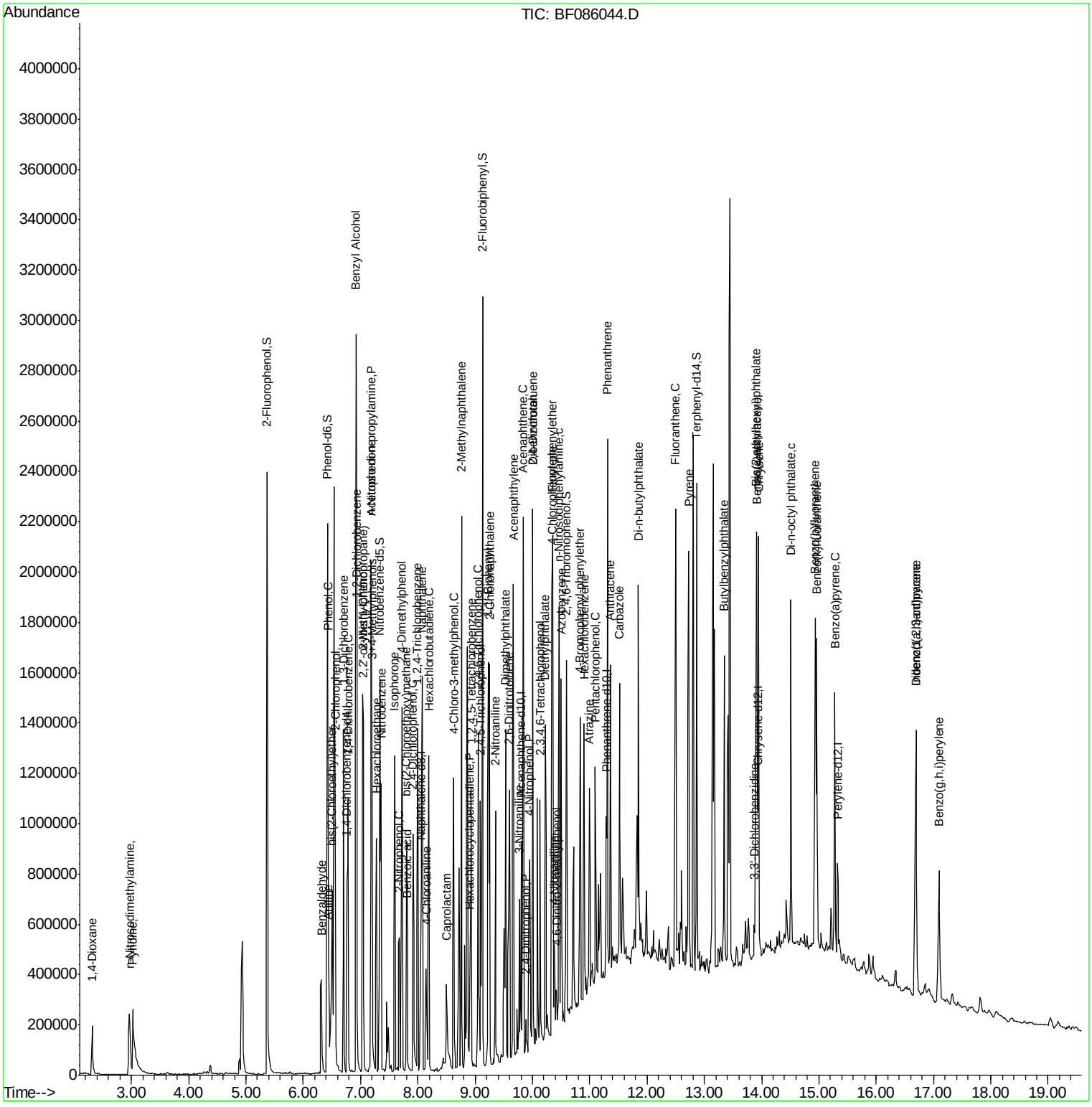
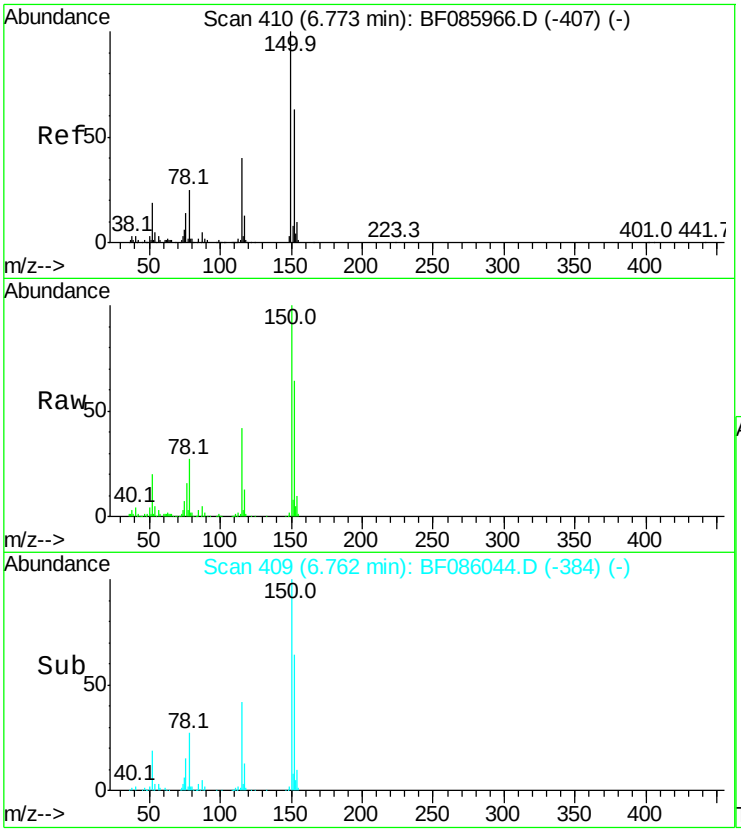
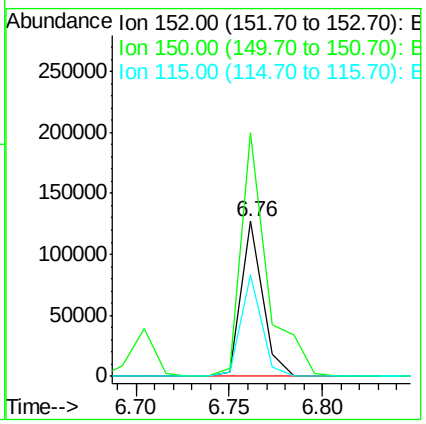




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:152 Resp: 102083

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.2	186.2
115	65.4	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

Manual Integrations APPROVED
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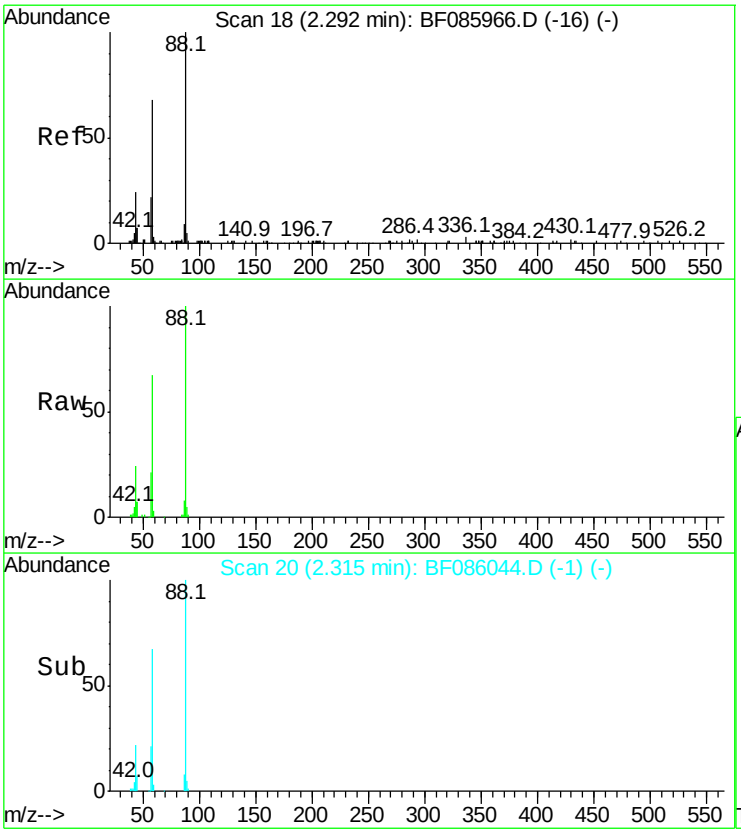
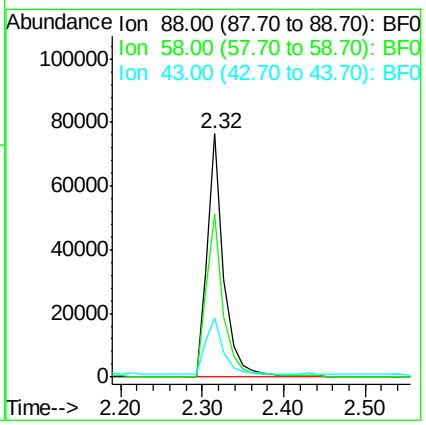
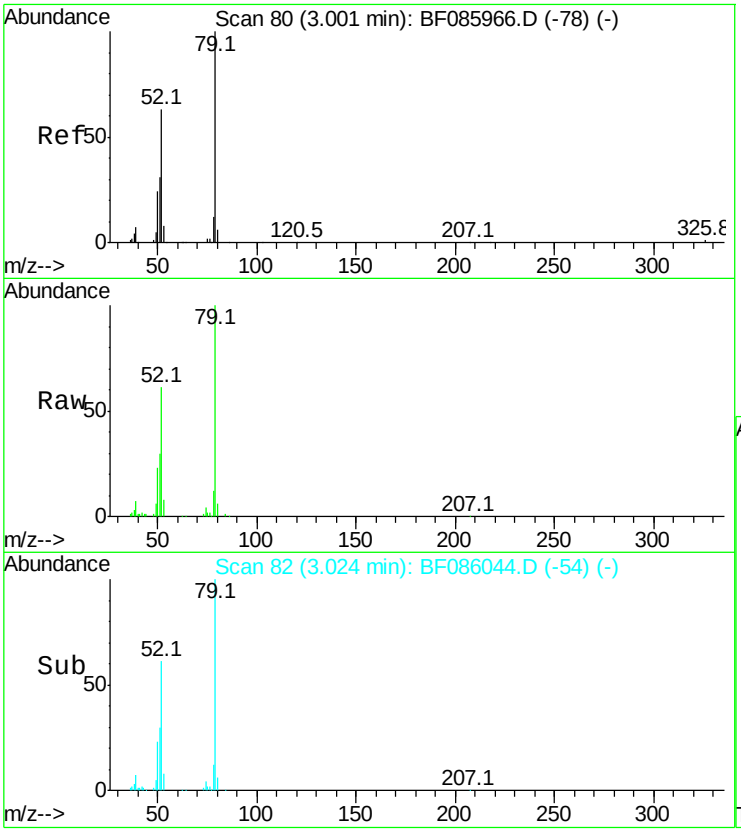


#2
1,4-Dioxane
Concen: 38.93 ng
RT: 2.32 min Scan# 20
Delta R.T. 0.02 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion: 88 Resp: 110216

Ion	Ratio	Lower	Upper
88	100		
58	69.5	54.2	81.2
43	24.3	19.3	28.9

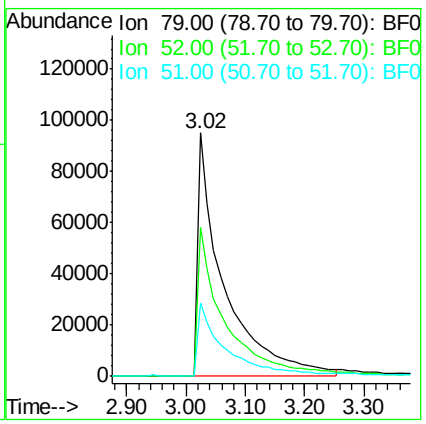




#3
Pyridine
Concen: 46.52 ng
RT: 3.02 min Scan# 82
Delta R.T. 0.02 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion: 79 Resp: 294897

Ion	Ratio	Lower	Upper
79	100		
52	61.2	49.8	74.6
51	30.2	24.7	37.1



Instrument :
BNA_F
ClientSampleId :
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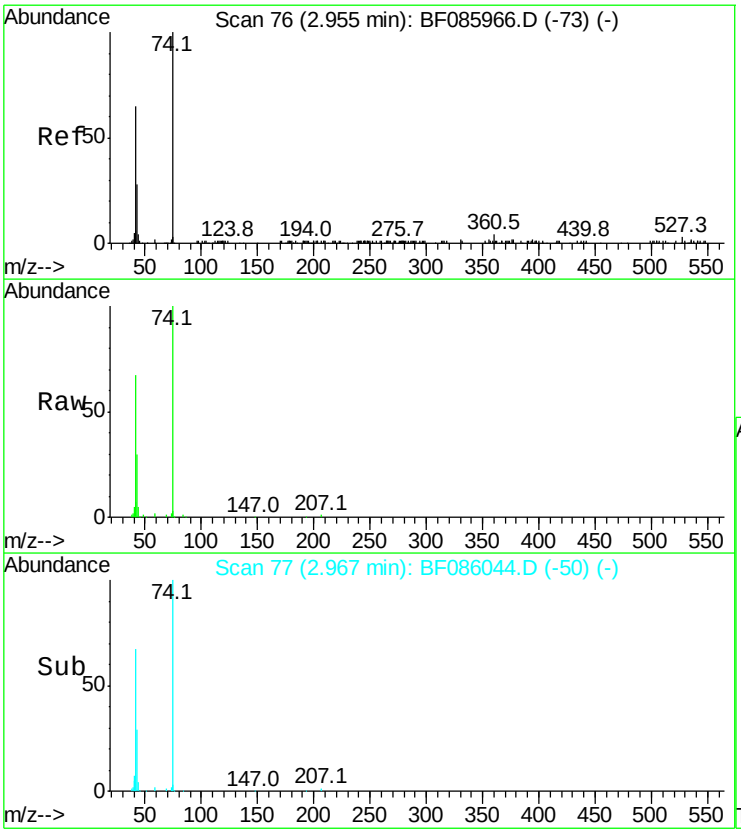
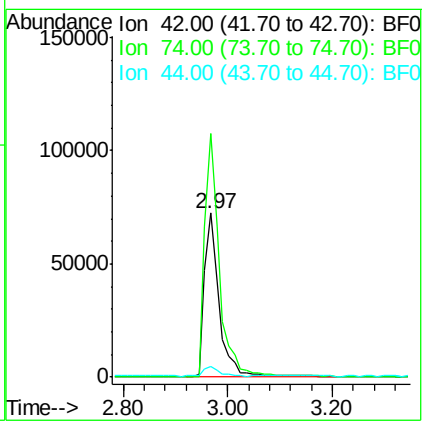
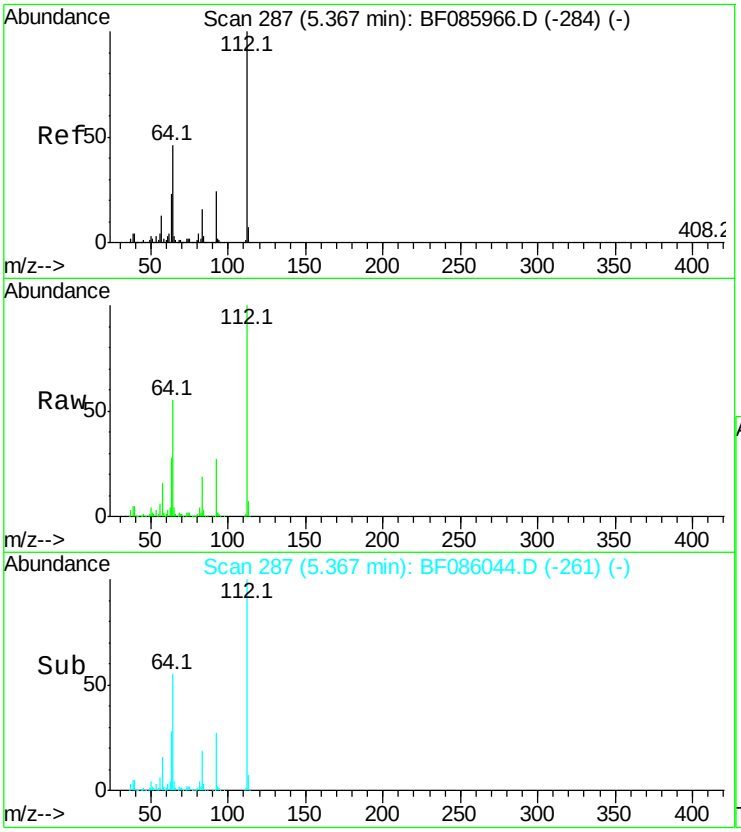


#4
n-Nitrosodimethylamine
Concen: 51.53 ng
RT: 2.97 min Scan# 77
Delta R.T. 0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion: 42 Resp: 143621

Ion	Ratio	Lower	Upper
42	100		
74	148.4	121.4	182.2
44	6.8	5.6	8.4

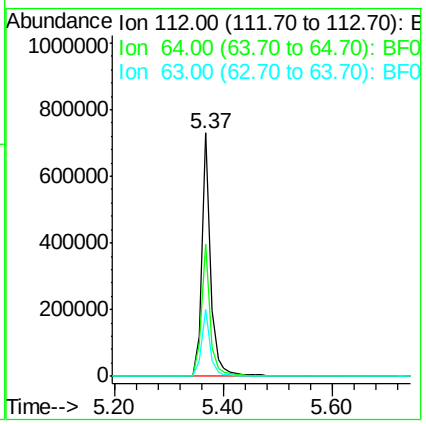




#5
2-Fluorophenol
Concen: 135.85 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:112 Resp: 811336

Ion	Ratio	Lower	Upper
112	100		
64	54.6	39.9	59.9
63	27.5	20.2	30.2



Instrument :
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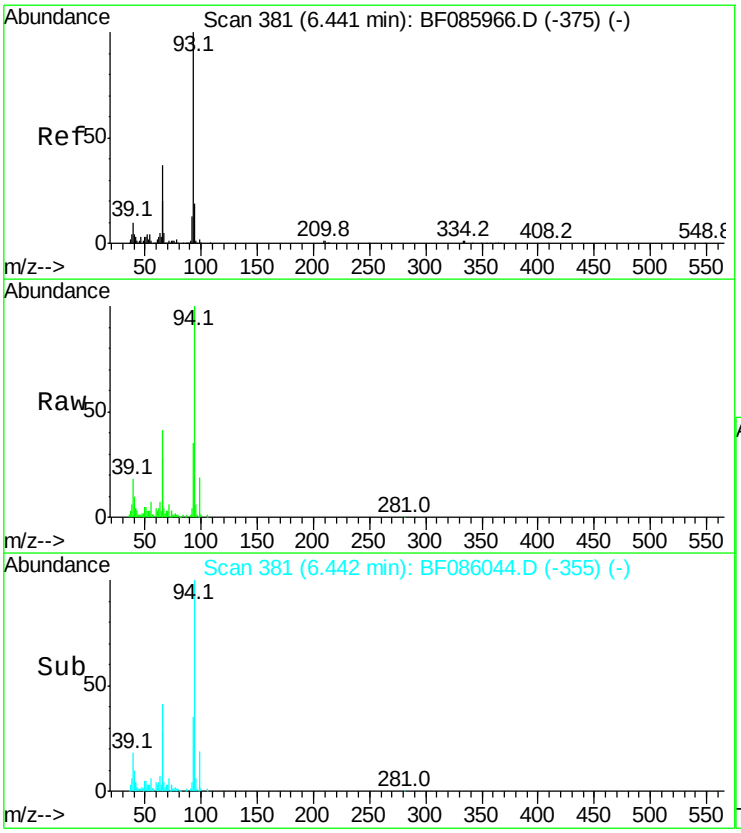
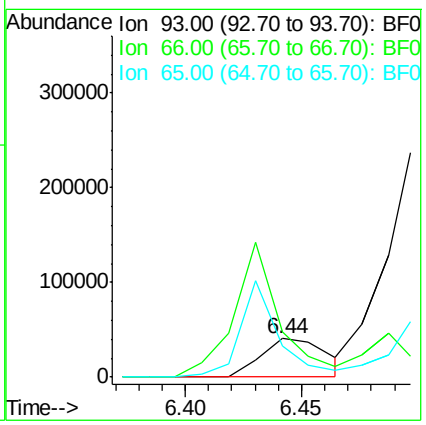
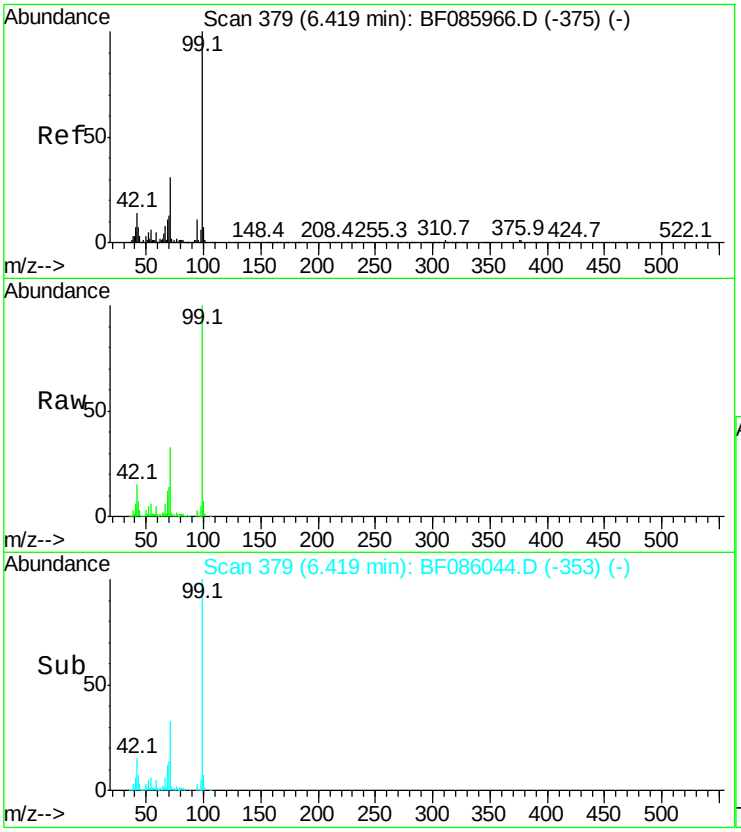


#6
Aniline
Concen: 8.11 ng m
RT: 6.44 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion: 93 Resp: 80710

Ion	Ratio	Lower	Upper
93	100		
66	117.0	31.4	47.2#
65	80.7	15.7	23.5#

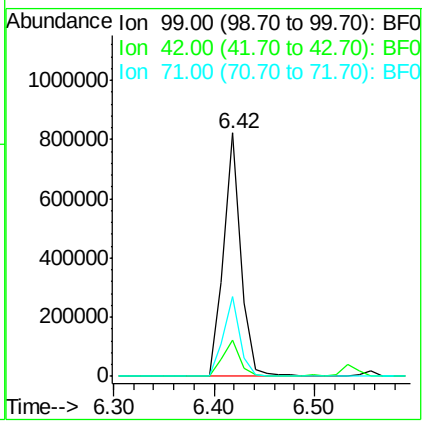




#7
Phenol-d6
Concen: 130.28 ng
RT: 6.42 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion: 99 Resp: 988313

Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.1	16.7
71	32.6	24.9	37.3



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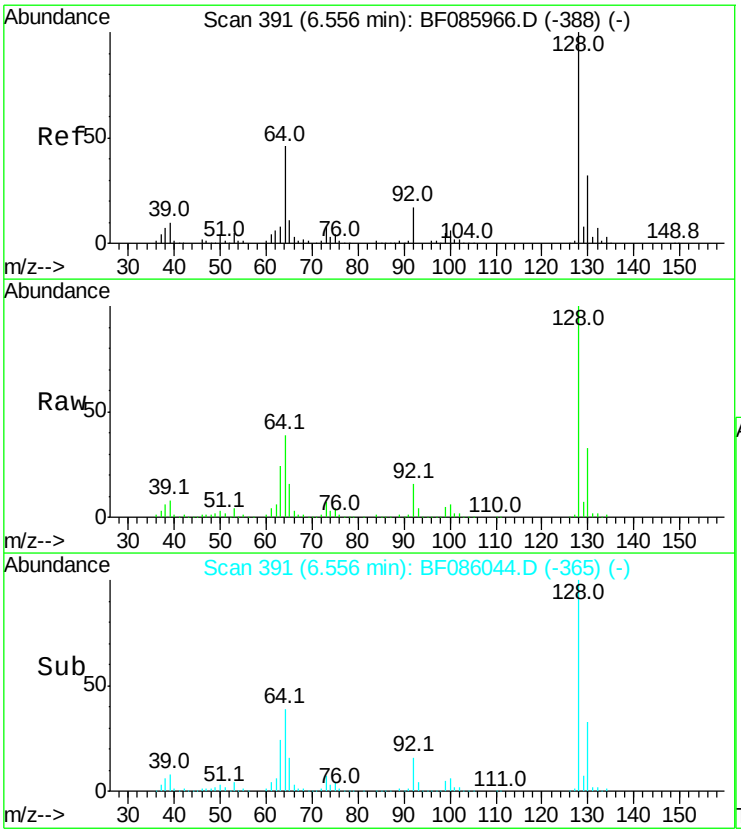
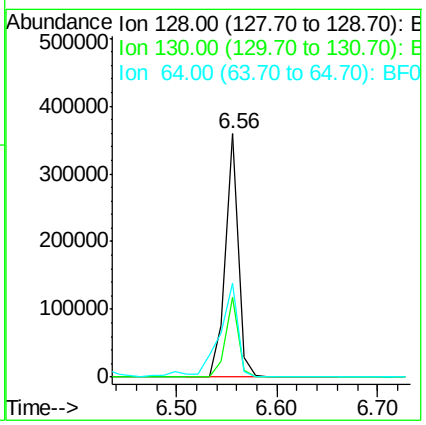
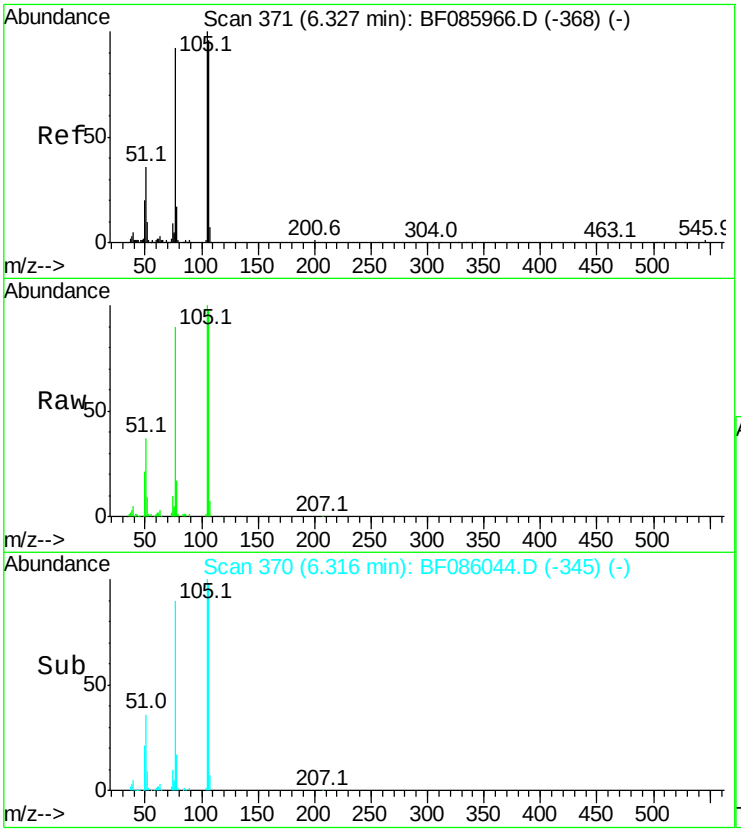


#8
2-Chlorophenol
Concen: 45.01 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:128 Resp: 320610

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	38.8	20.2	60.2

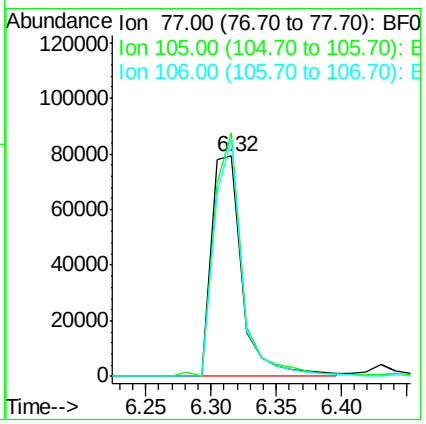




#9
Benzaldehyde
Concen: 32.00 ng
RT: 6.32 min Scan# 370
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion: 77 Resp: 130604

Ion	Ratio	Lower	Upper
77	100		
105	110.5	80.1	120.1
106	107.8	75.0	115.0



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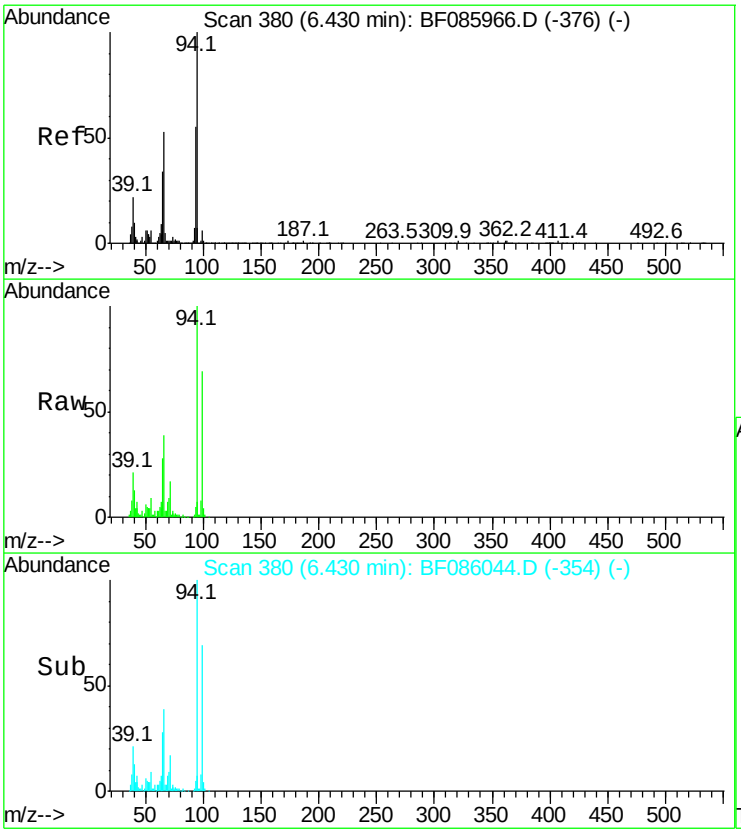
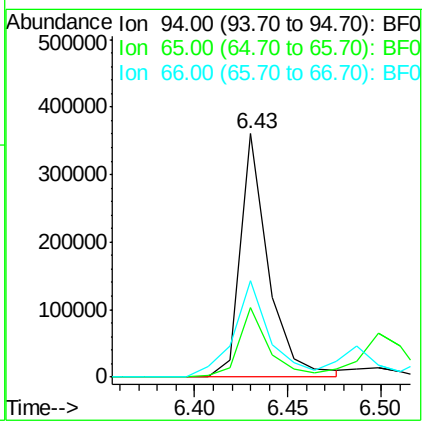
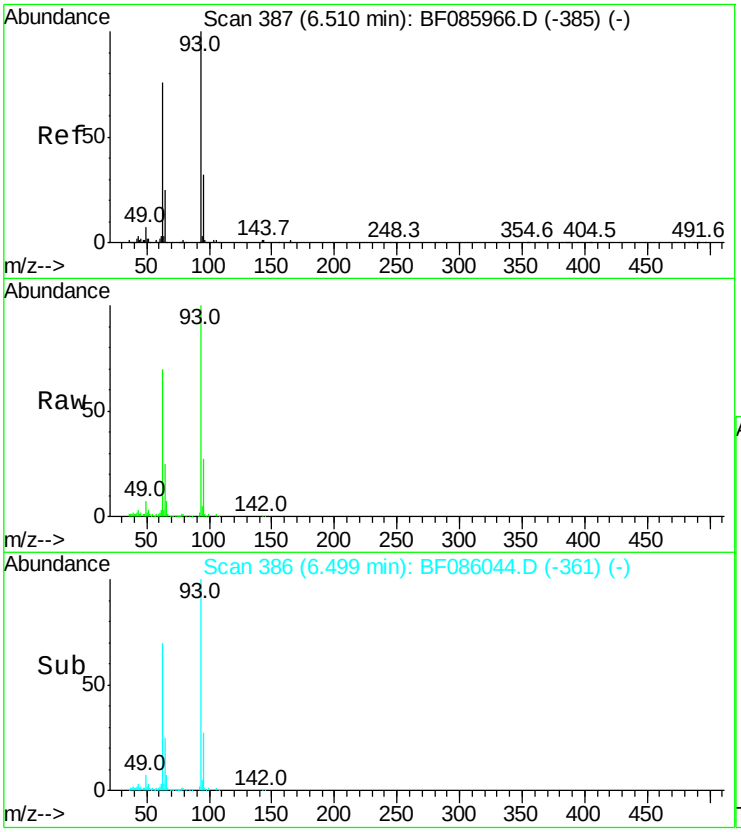


#10
Phenol
Concen: 43.77 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion: 94 Resp: 378784

Ion	Ratio	Lower	Upper
94	100		
65	28.3	8.6	48.6
66	39.5	20.0	60.0

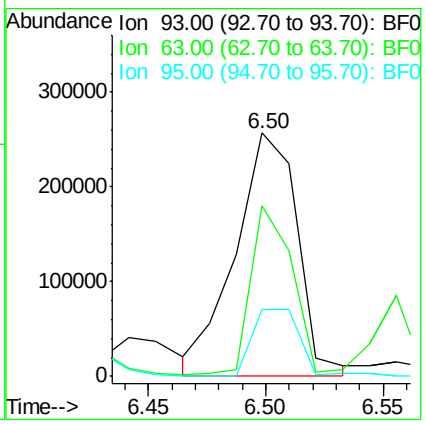




#11
bis(2-Chloroethyl)ether
Concen: 69.83 ng m
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion: 93 Resp: 478487

Ion	Ratio	Lower	Upper
93	100		
63	70.2	50.9	90.9
95	27.5	13.3	53.3



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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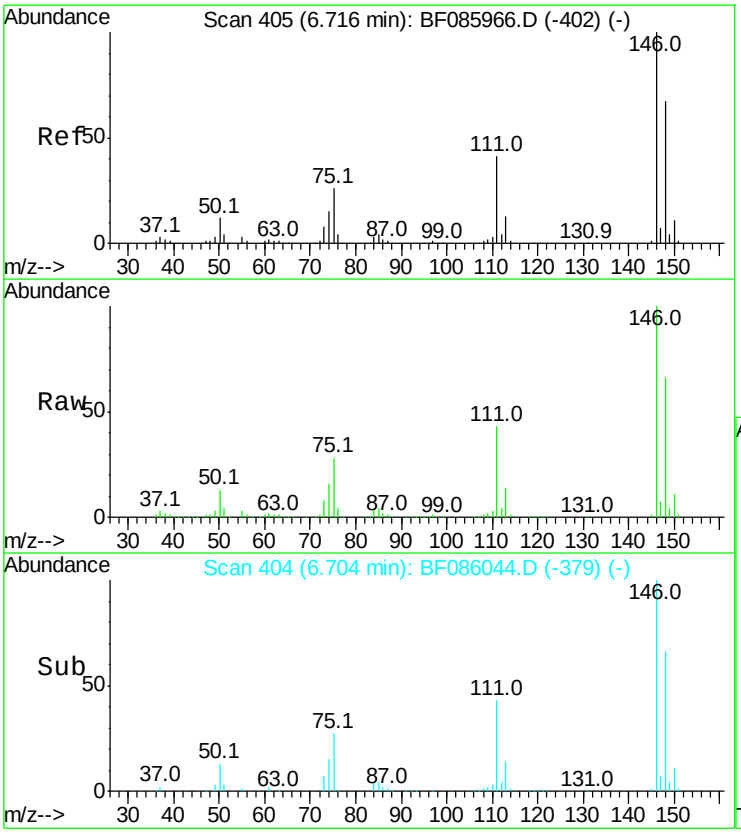
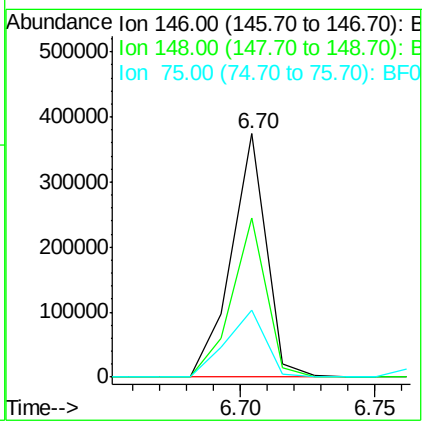
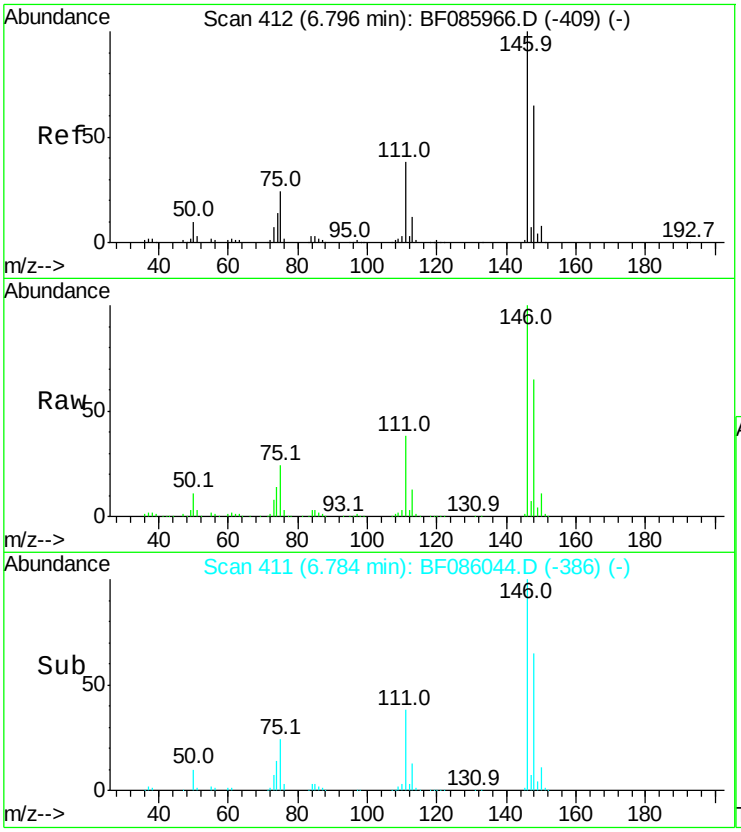


#12
1,3-Dichlorobenzene
Concen: 44.93 ng m
RT: 6.70 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:146 Resp: 339150

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.3	78.5
75	27.7	17.4	26.2#

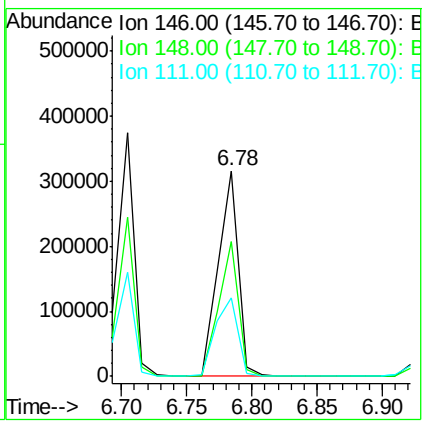




#13
1,4-Dichlorobenzene
Concen: 43.77 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:146 Resp: 340439

Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.6	76.0
111	38.1	37.8	56.6



Instrument :
BNA_F
ClientSampleId :
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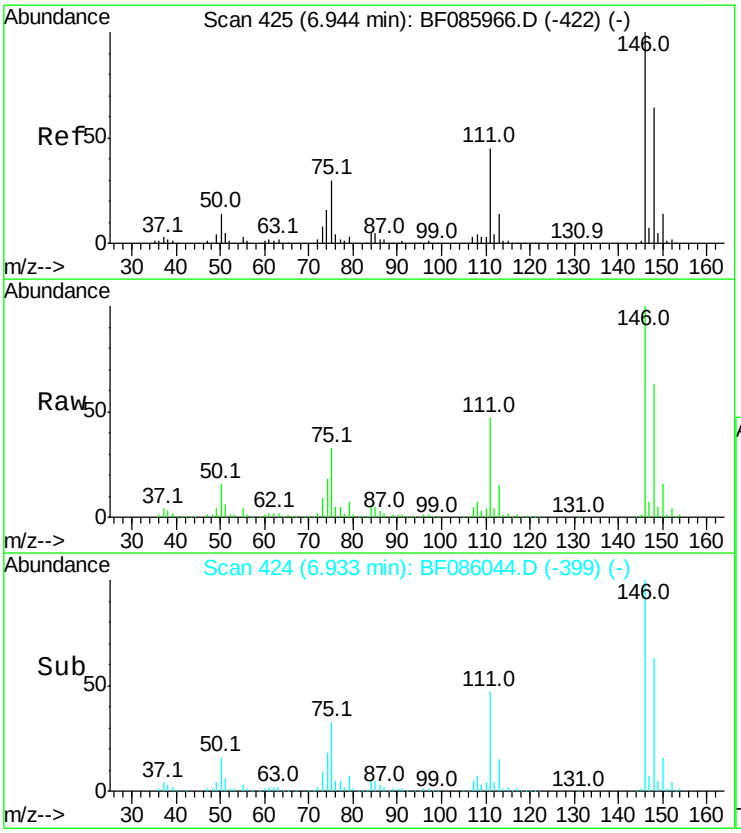
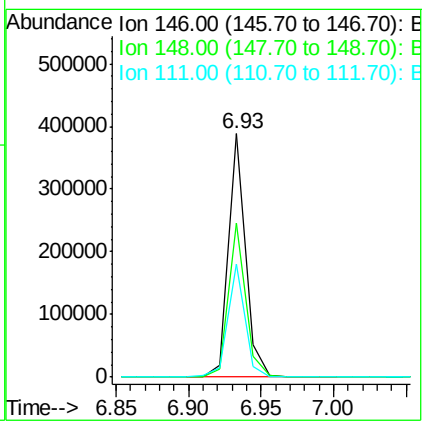
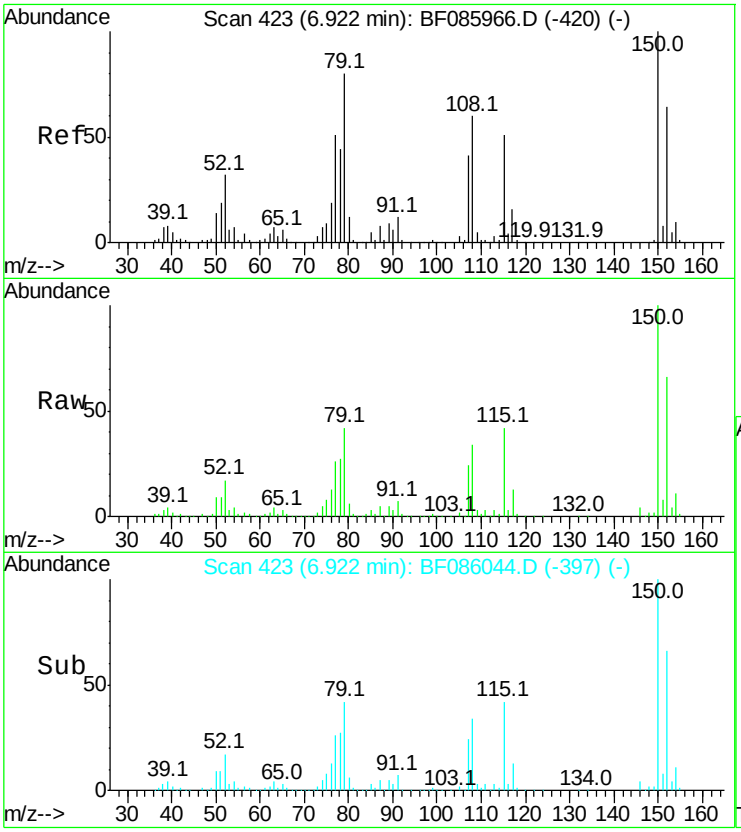


#14
1,2-Dichlorobenzene
Concen: 44.47 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:146 Resp: 318300

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.2
111	46.5	34.6	52.0





#15
Benzyl Alcohol
Concen: 49.77 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion: 79 Resp: 244269

Ion	Ratio	Lower	Upper
79	100		
108	81.6	61.8	92.6
77	62.9	49.6	74.4

Instrument :
BNA_F
ClientSampleId :
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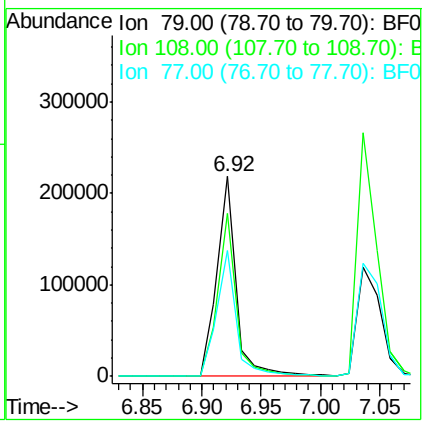
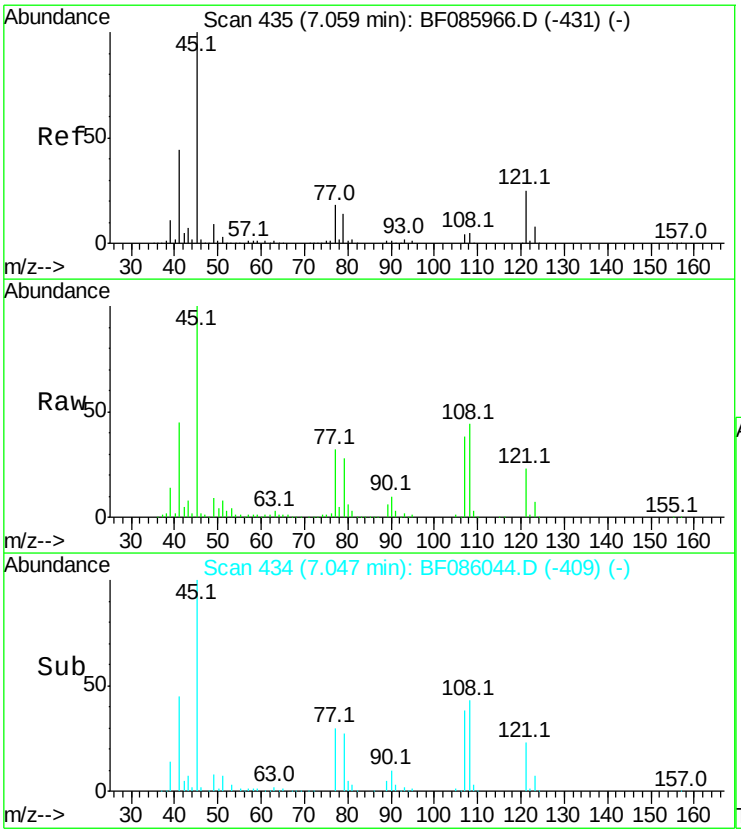
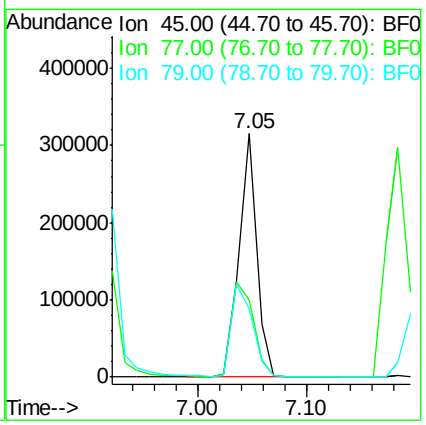


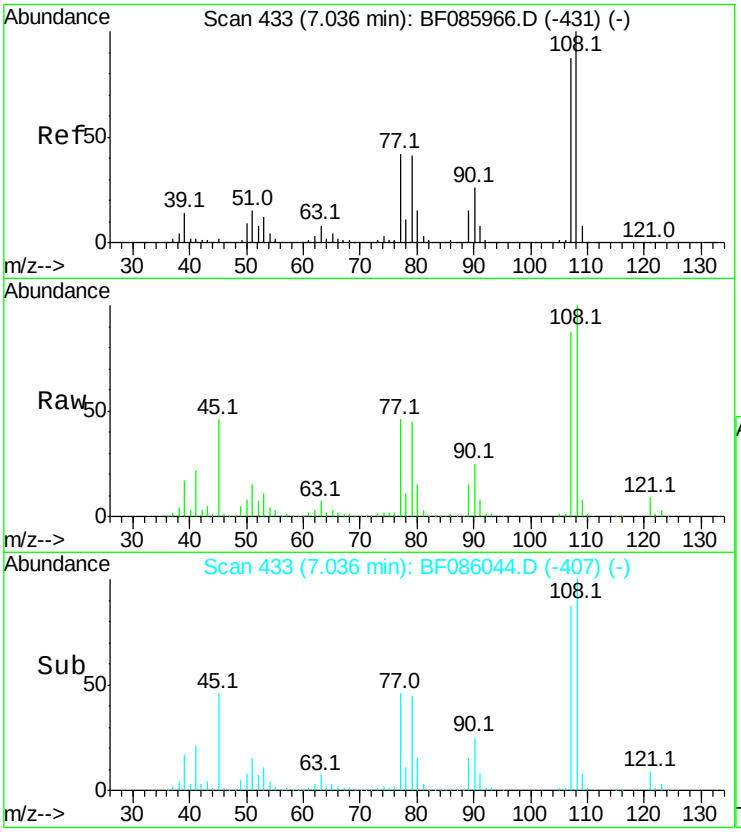


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.91 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion: 45 Resp: 350793

Ion	Ratio	Lower	Upper
45	100		
77	31.9	0.0	35.7
79	28.1	0.0	32.2

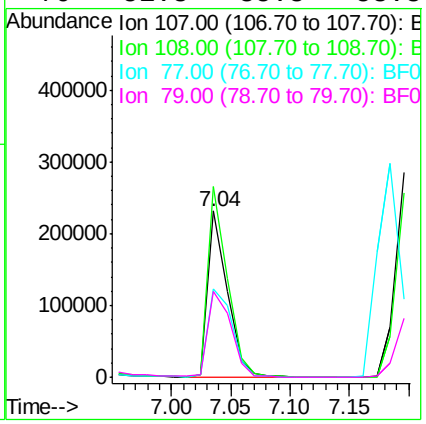




#17
2-Methylphenol
Concen: 46.79 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:107 Resp: 262773

Ion	Ratio	Lower	Upper
107	100		
108	115.3	91.4	137.0
77	53.6	36.2	54.2
79	51.8	35.8	53.8



Instrument :
BNA_F
ClientSampleId :
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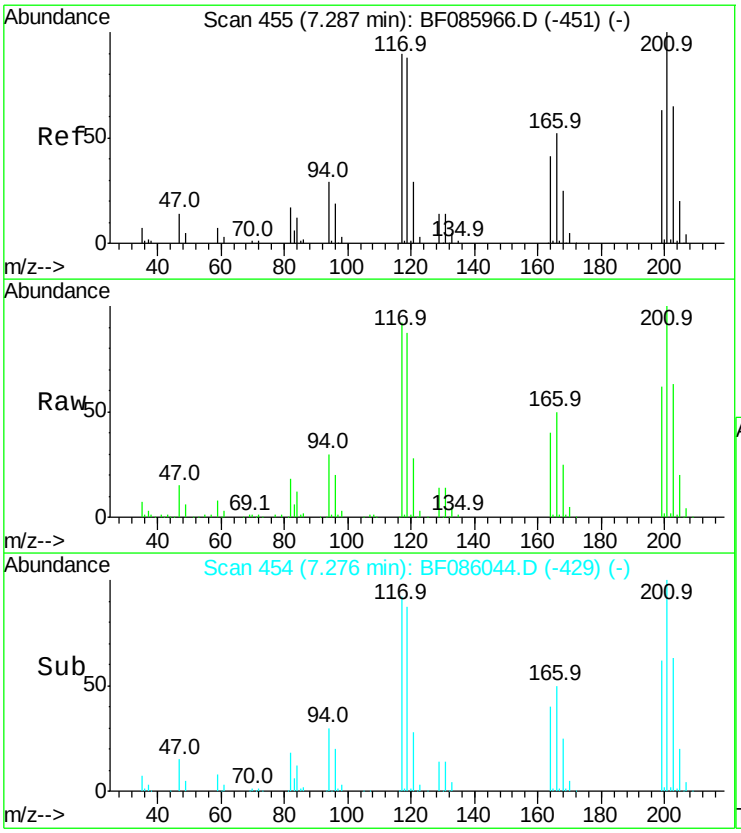
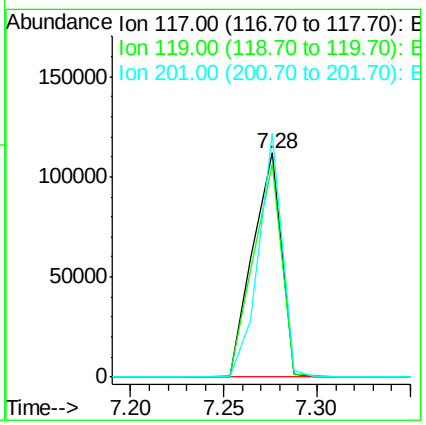
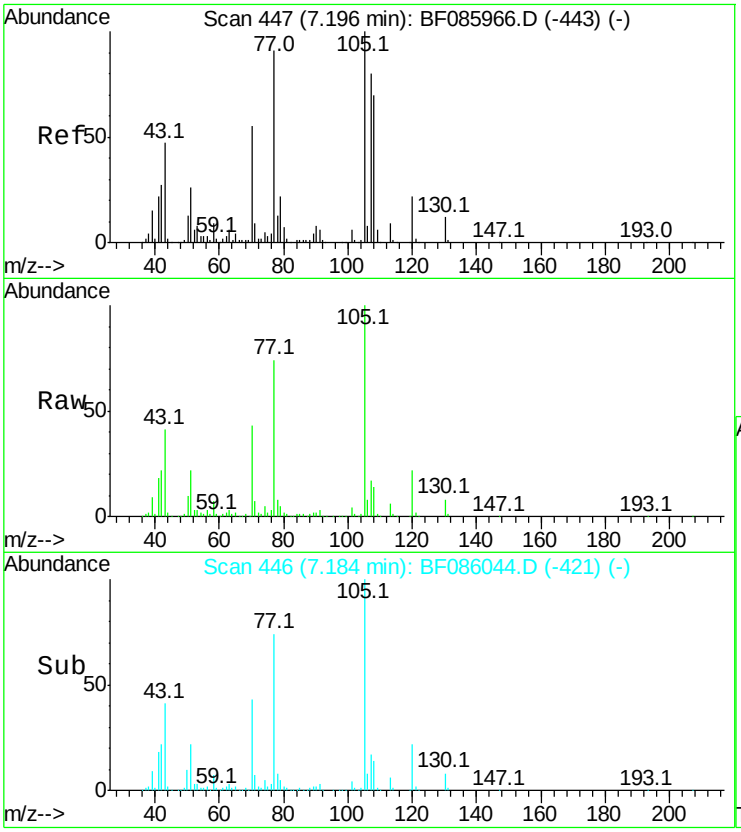


#18
Hexachloroethane
Concen: 41.44 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:117 Resp: 118535

Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.7	115.1
201	108.8	83.3	124.9





#19
n-Nitroso-di-n-propylamine
Concen: 43.27 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Instrument :
BNA_F
ClientSampleId :
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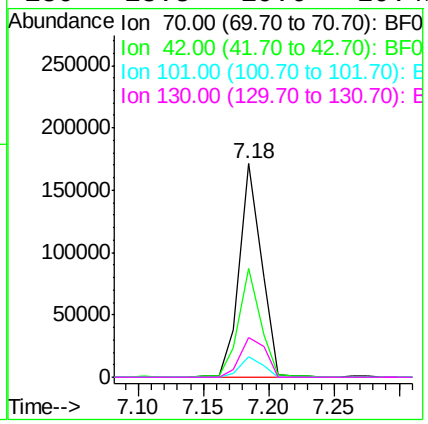
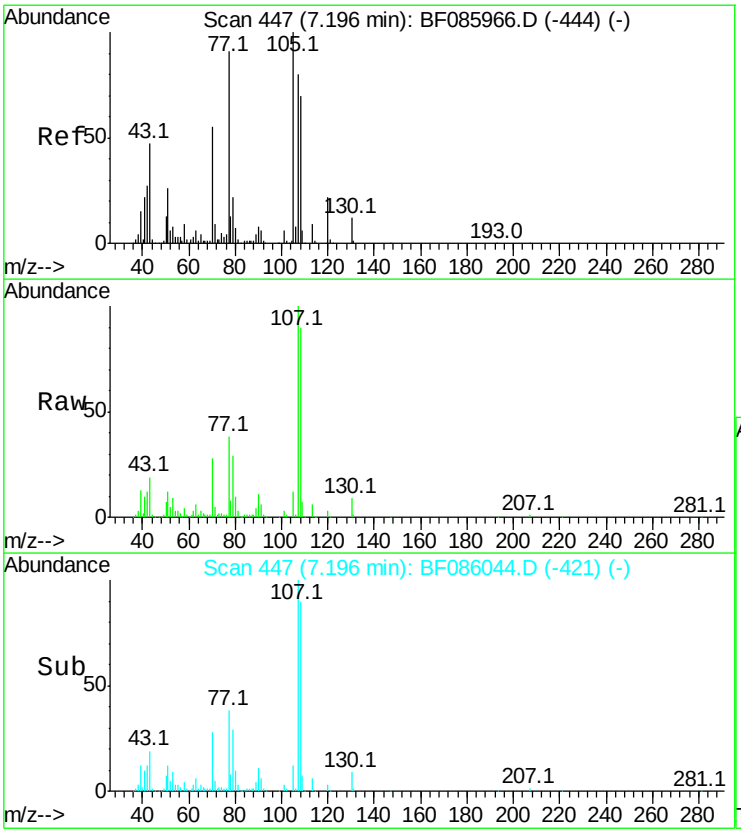
Tgt Ion: 70 Resp: 203466

Ion	Ratio	Lower	Upper
70	100		
42	51.3	37.1	55.7
101	9.4	8.6	12.8
130	18.8	19.6	29.4#

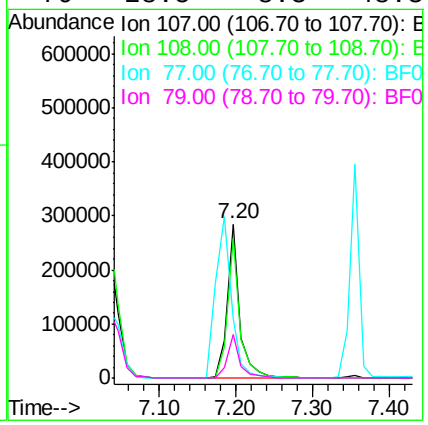


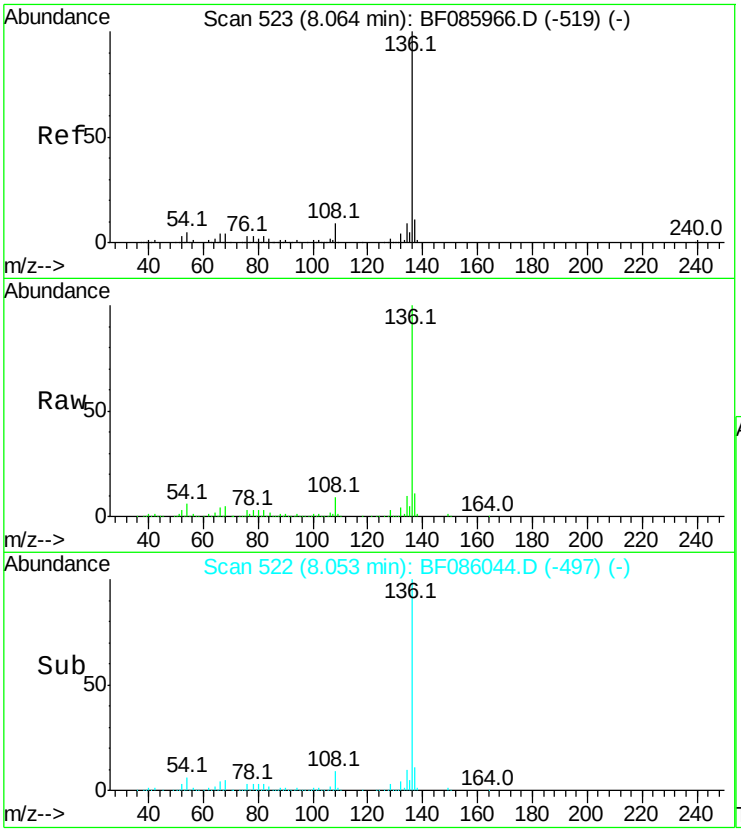


#20
3+4-Methylphenols
Concen: 47.68 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:107 Resp: 325626

Ion	Ratio	Lower	Upper
107	100		
108	90.4	69.3	109.3
77	38.4	101.7	141.7#
79	28.5	8.3	48.3

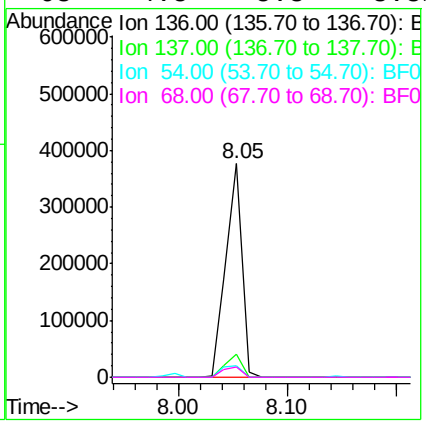




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:136 Resp: 384557

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.5	7.4	11.0#
68	4.5	5.8	8.8#



Instrument :
BNA_F
ClientSampleId :
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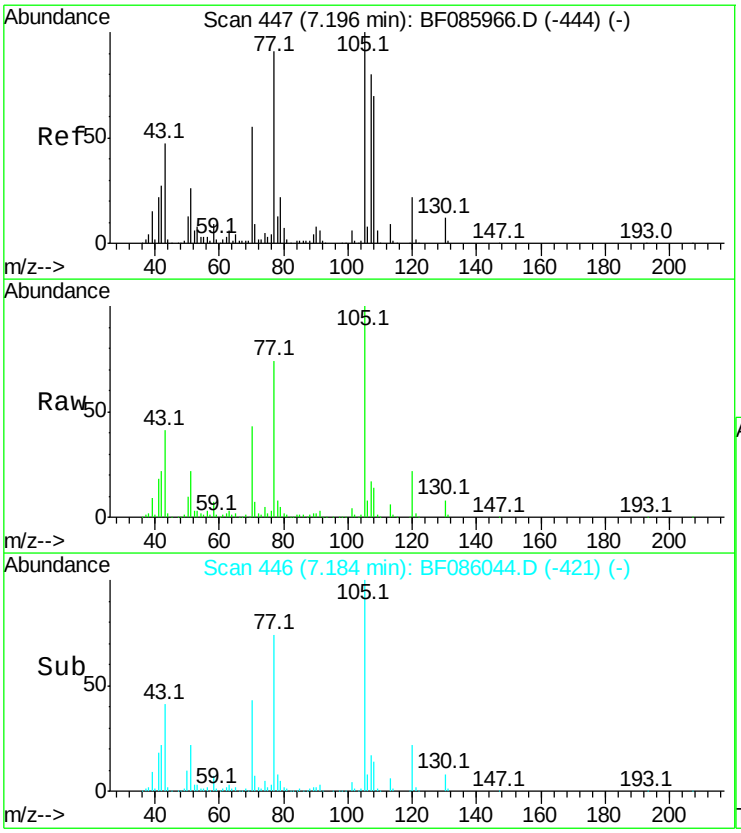
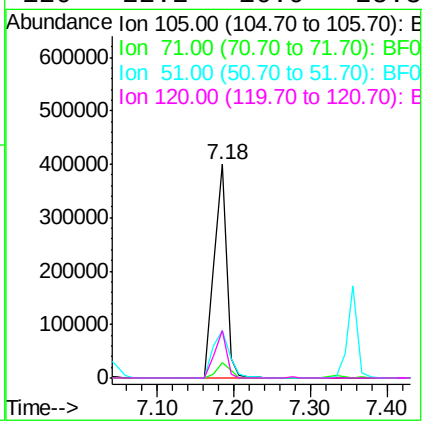
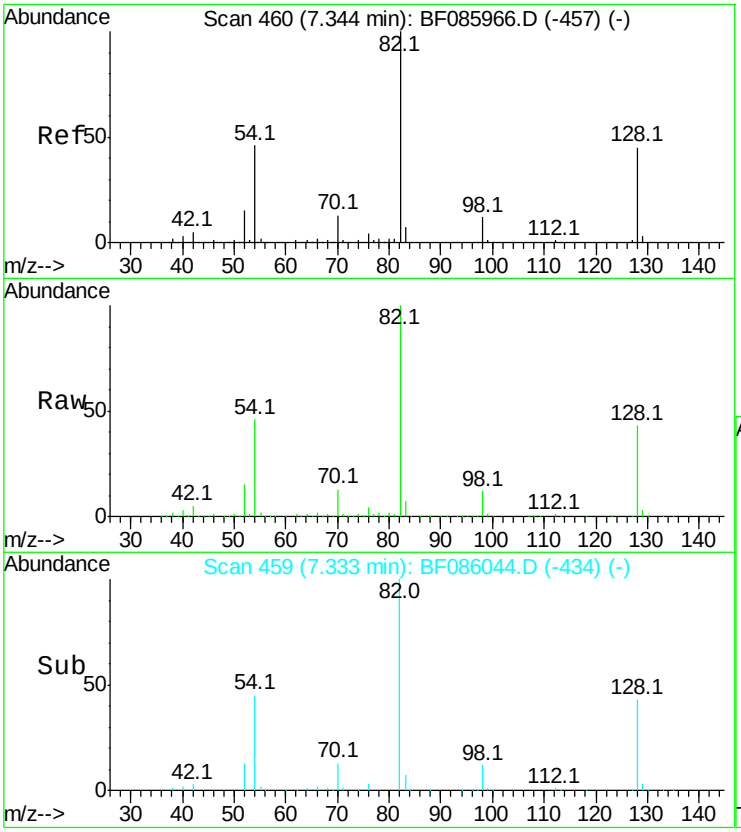


#22
Acetophenone
Concen: 49.64 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:105 Resp: 448769

Ion	Ratio	Lower	Upper
105	100		
71	7.1	3.6	5.4#
51	22.1	25.4	38.0#
120	22.2	16.9	25.3

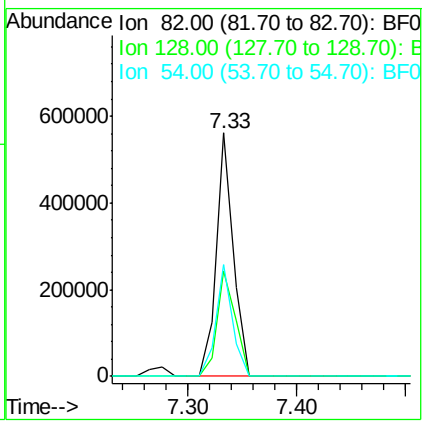




#23
Nitrobenzene-d5
Concen: 94.47 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion: 82 Resp: 616046

Ion	Ratio	Lower	Upper
82	100		
128	43.3	41.8	62.8
54	46.0	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

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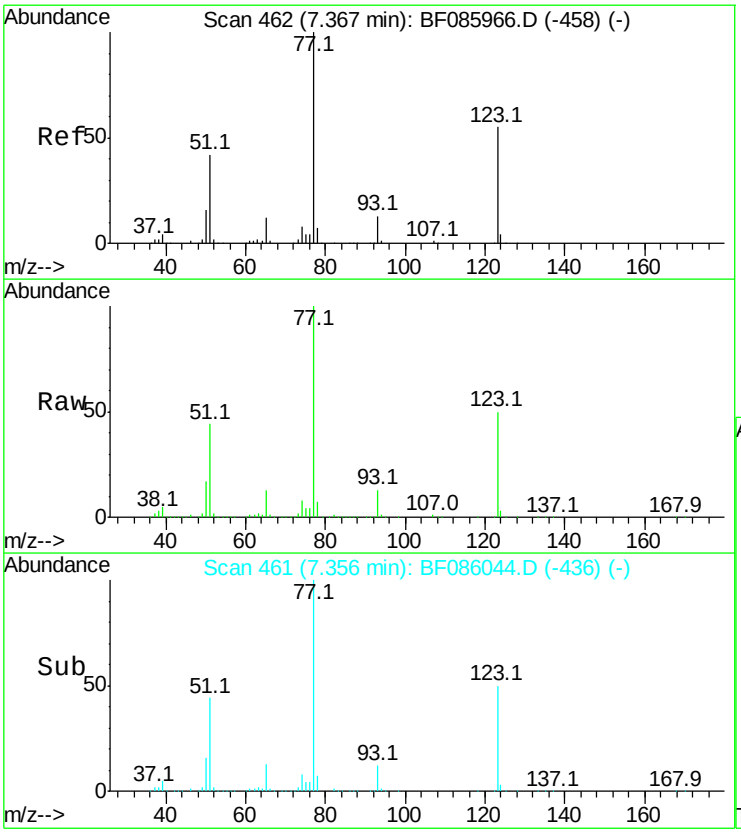
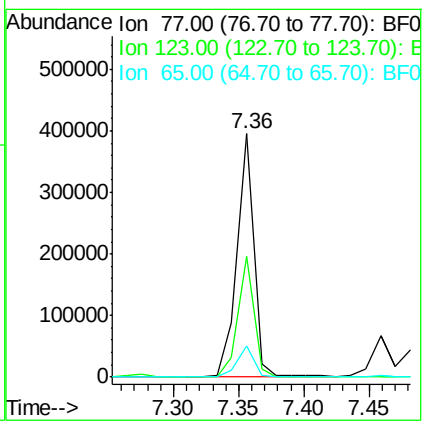
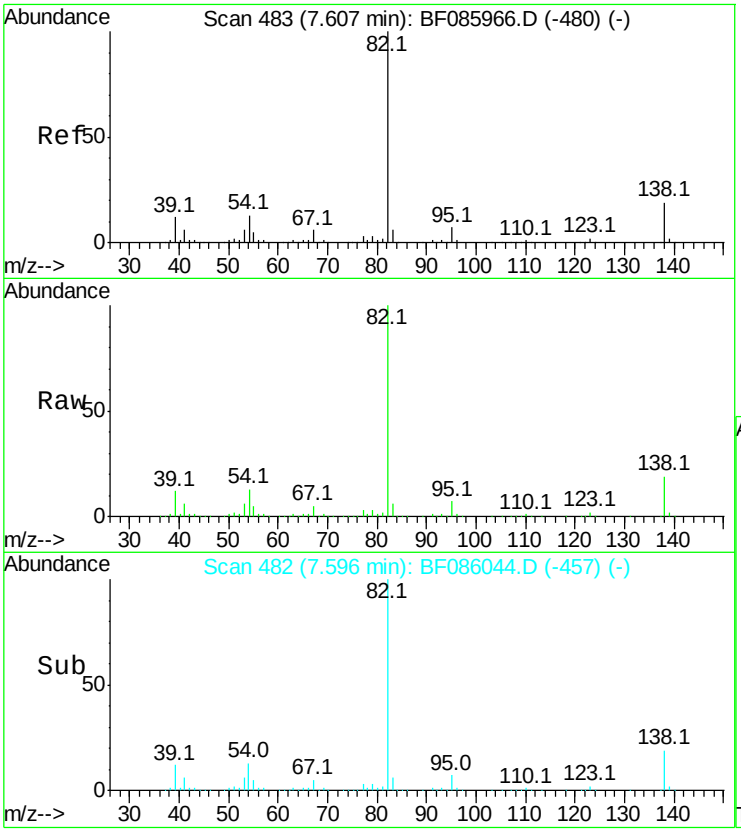


#24
Nitrobenzene
Concen: 49.34 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion: 77 Resp: 351985

Ion	Ratio	Lower	Upper
77	100		
123	49.7	35.0	52.4
65	12.7	10.6	16.0

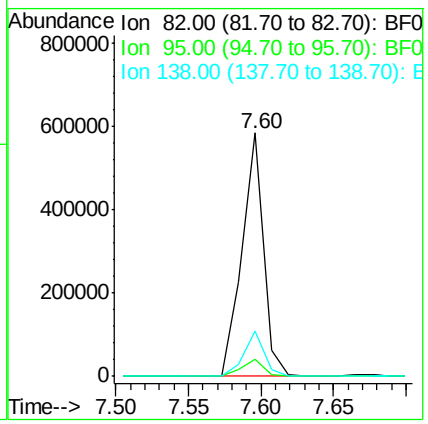




#25
Isophorone
Concen: 47.25 ng
RT: 7.60 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion: 82 Resp: 608230

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.4	8.2
138	18.8	12.9	19.3



Instrument :
BNA_F
ClientSampleId :
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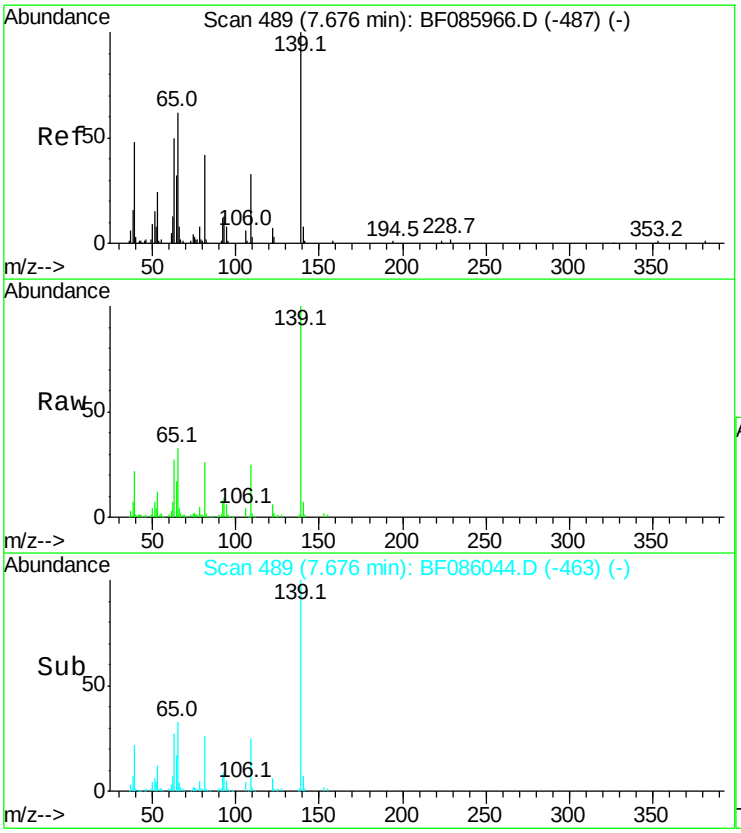
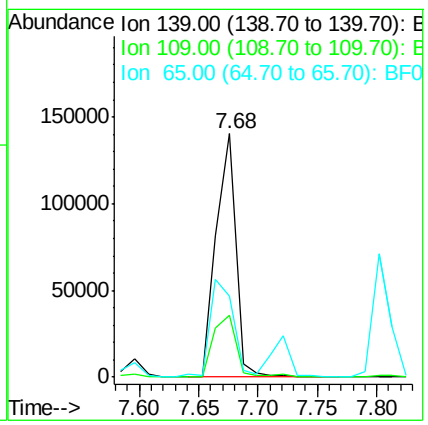
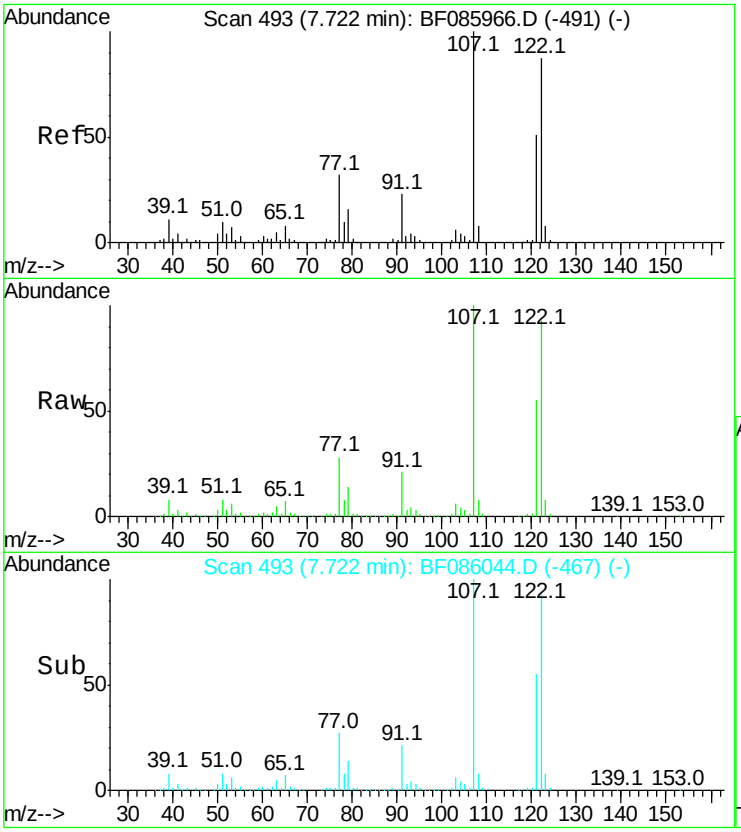


#26
2-Nitrophenol
Concen: 47.35 ng
RT: 7.68 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:139 Resp: 161606

Ion	Ratio	Lower	Upper
139	100		
109	25.2	22.1	33.1
65	33.5	33.9	50.9#

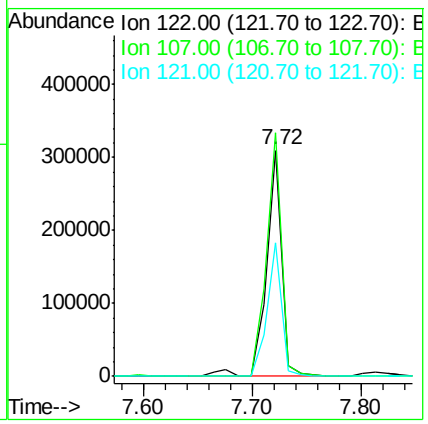




#27
2,4-Dimethylphenol
Concen: 49.78 ng
RT: 7.72 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:122 Resp: 305153

Ion	Ratio	Lower	Upper
122	100		
107	107.9	93.0	139.6
121	58.9	45.9	68.9



Instrument :
BNA_F
ClientSampleId :
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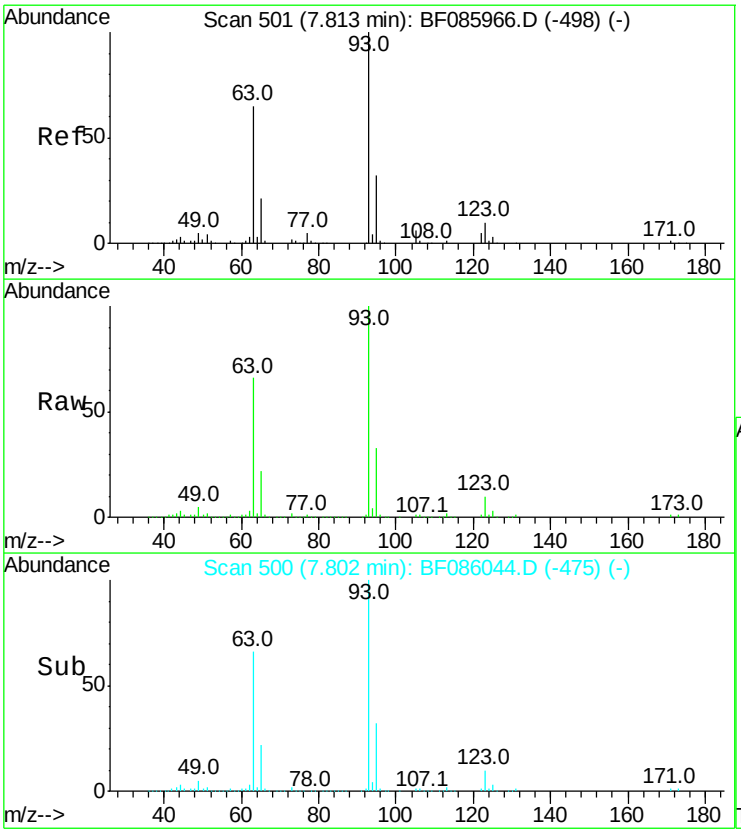
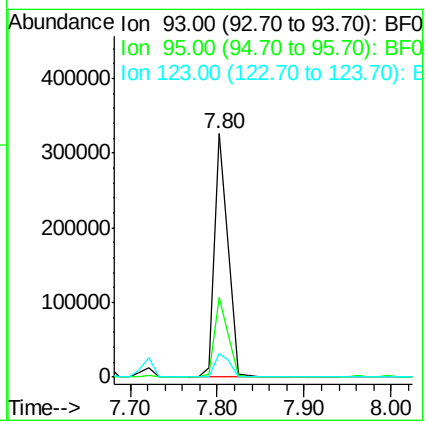
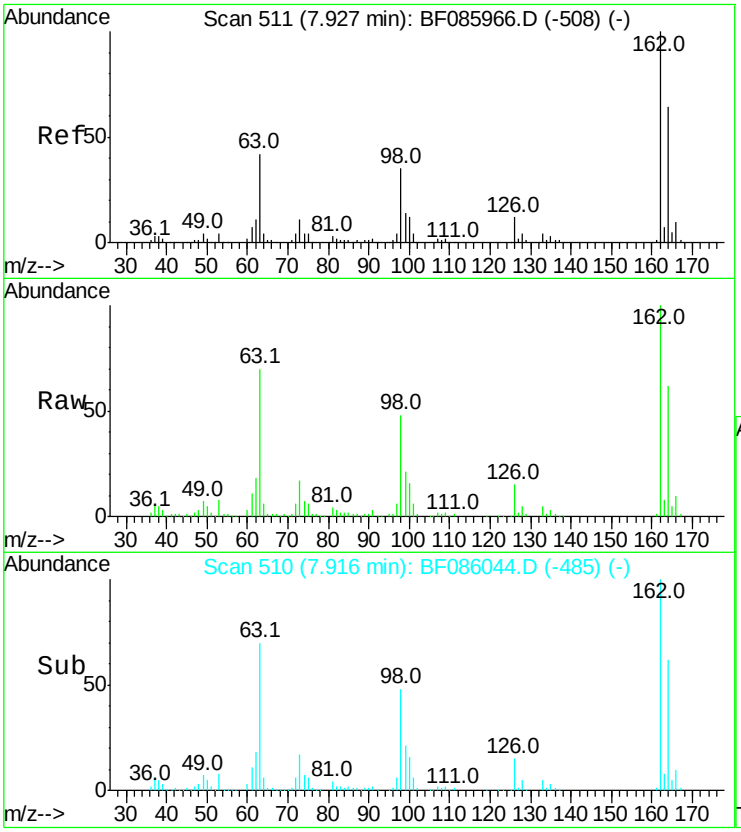


#28
bis(2-Chloroethoxy)methane
Concen: 47.67 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion: 93 Resp: 360029

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.4	39.6
123	9.7	9.8	14.6#

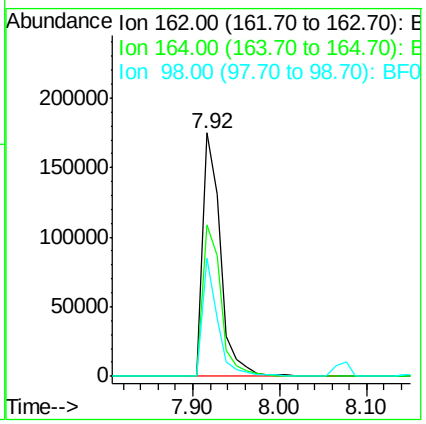




#29
2,4-Dichlorophenol
Concen: 47.73 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:162 Resp: 247396

Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.7	83.7
98	48.5	20.4	60.4



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

Manual Integrations APPROVED
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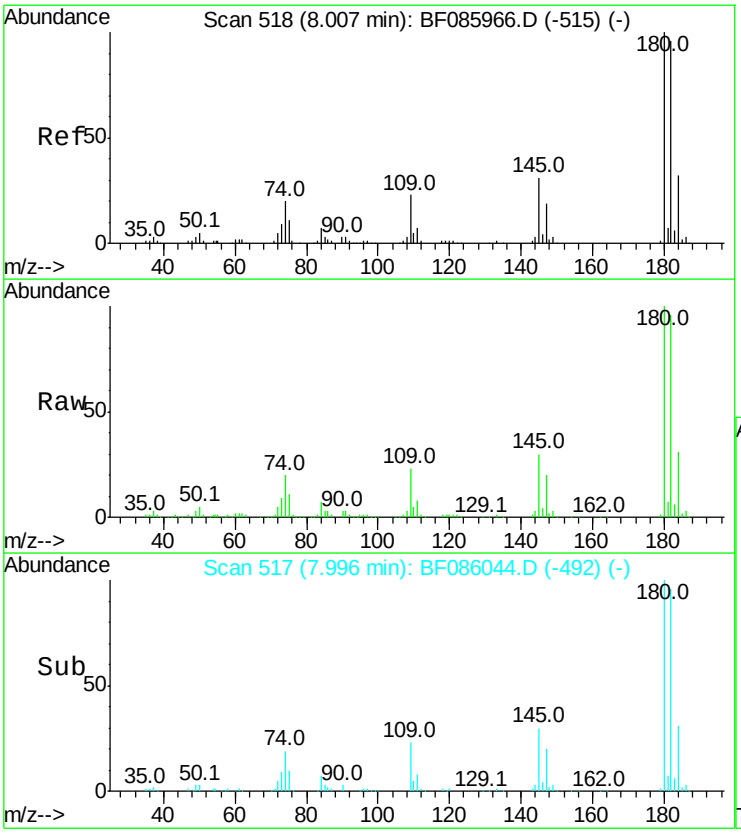
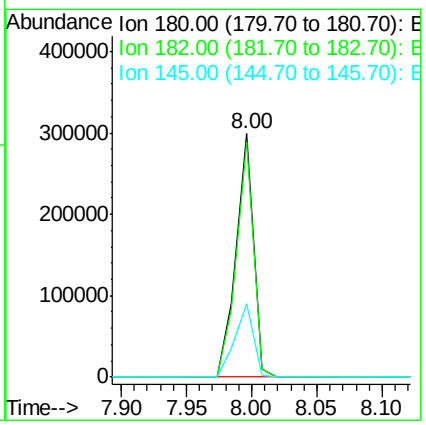
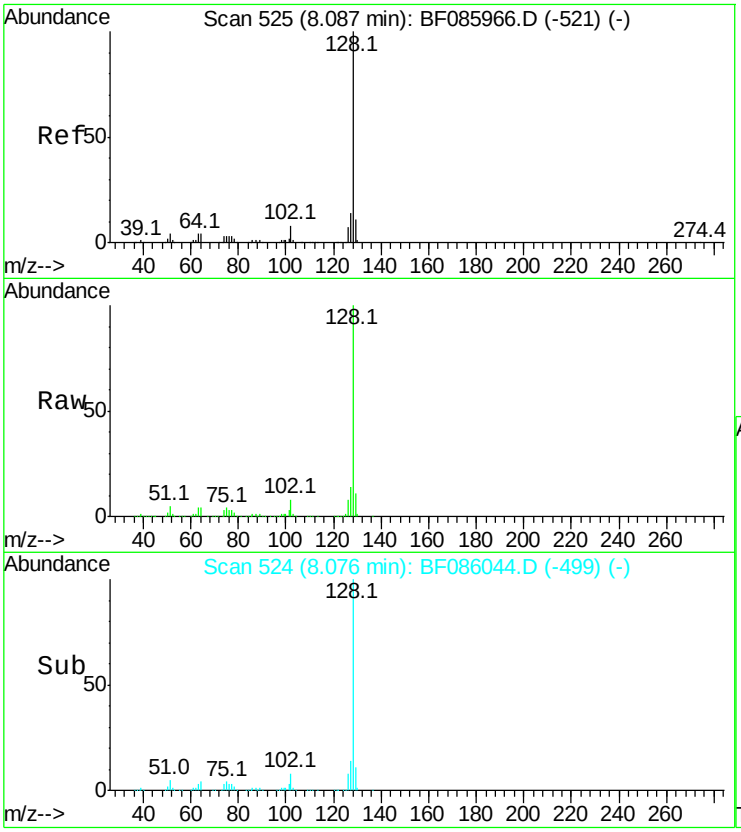


#30
1,2,4-Trichlorobenzene
Concen: 47.45 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:180 Resp: 276026

Ion	Ratio	Lower	Upper
180	100		
182	96.3	73.8	110.8
145	30.4	28.4	42.6

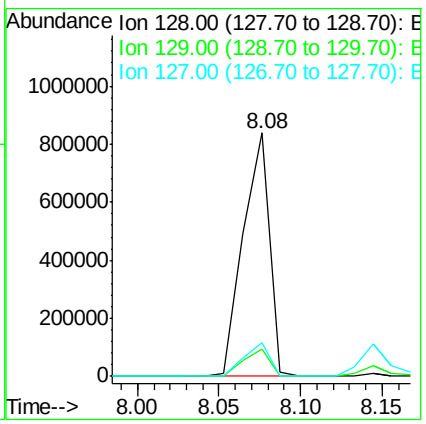




#31
Naphthalene
Concen: 48.21 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:128 Resp: 932541

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	13.6	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
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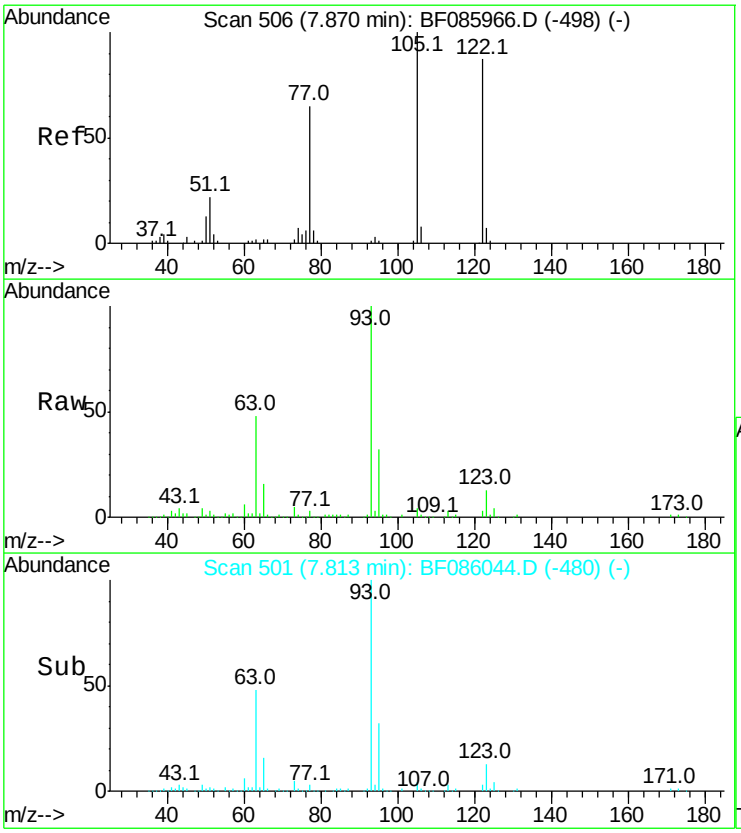
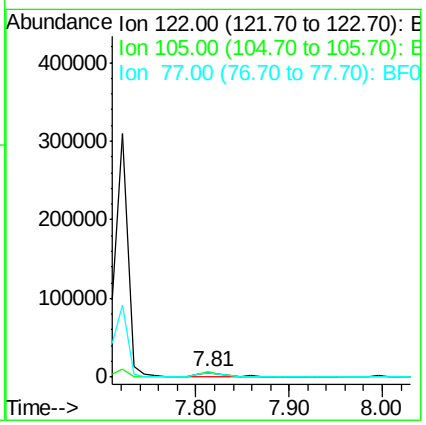
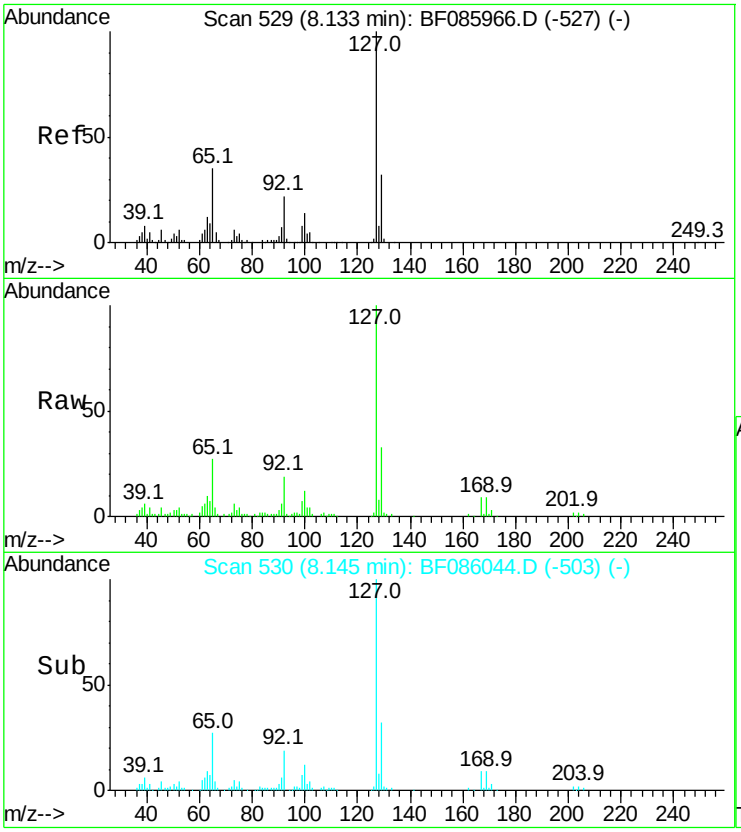


#32
Benzoic acid
Concen: 2.77 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.06 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:122 Resp: 12436

Ion	Ratio	Lower	Upper
122	100		
105	115.5	102.9	142.9
77	94.3	71.8	111.8

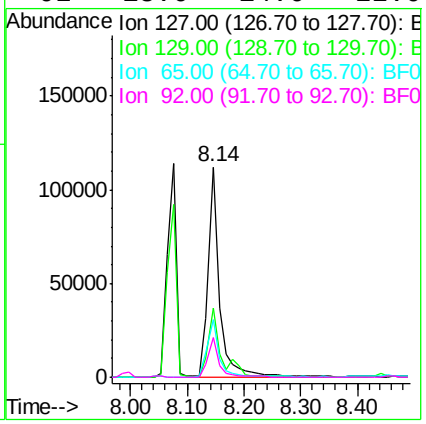




#33
4-Chloroaniline
Concen: 19.19 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:127 Resp: 149956

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	27.2	19.5	29.3
92	18.6	14.6	22.0



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

Manual Integrations APPROVED
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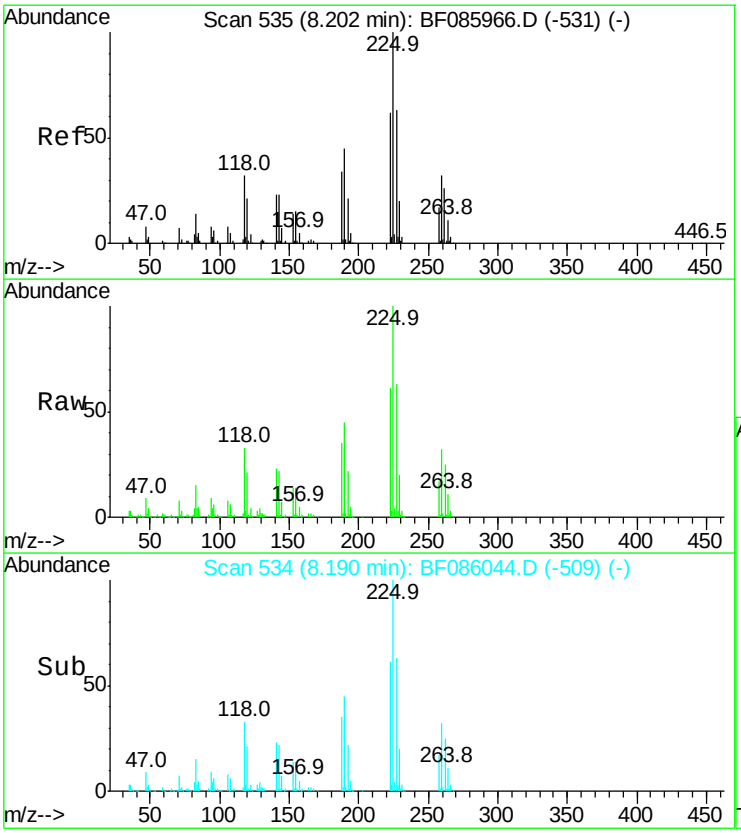
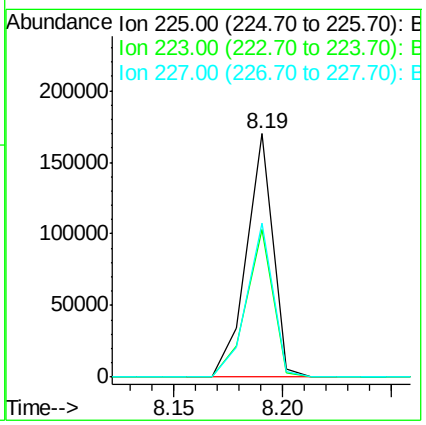
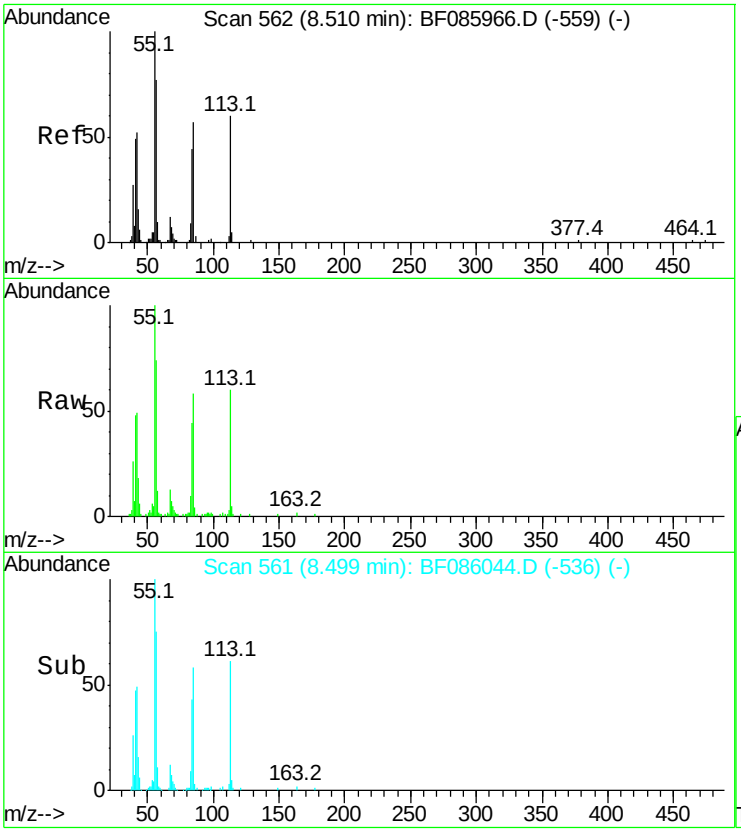


#34
Hexachlorobutadiene
Concen: 45.95 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:225 Resp: 143718

Ion	Ratio	Lower	Upper
225	100		
223	60.8	50.4	75.6
227	63.0	51.4	77.2

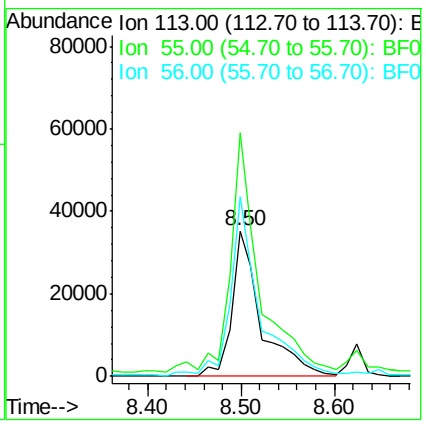




#35
Caprolactam
Concen: 47.21 ng
RT: 8.50 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:113 Resp: 77625

Ion	Ratio	Lower	Upper
113	100		
55	167.4	139.4	179.4
56	123.3	100.4	140.4



Instrument :
BNA_F
ClientSampleId :
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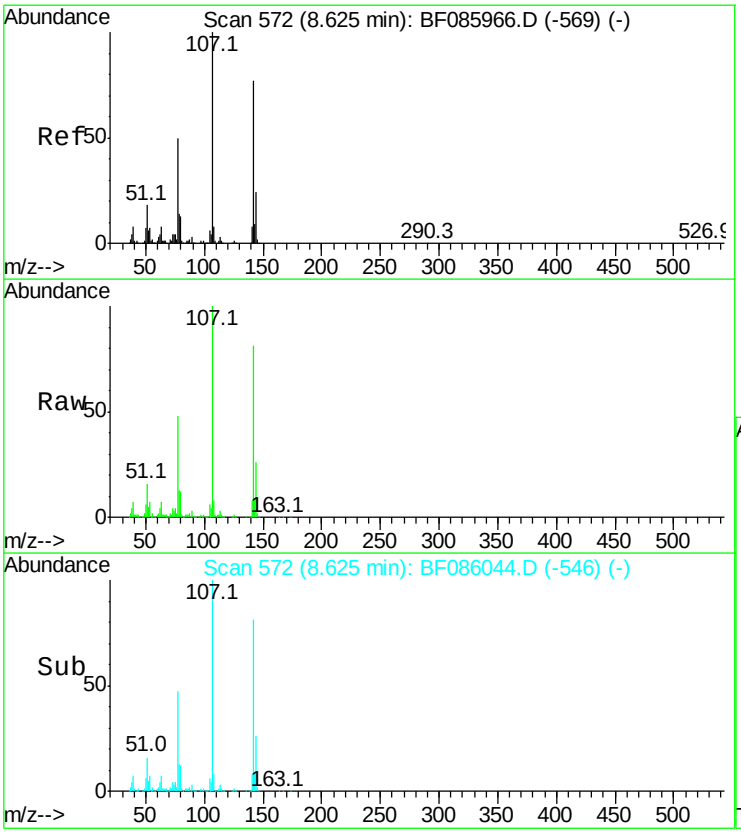
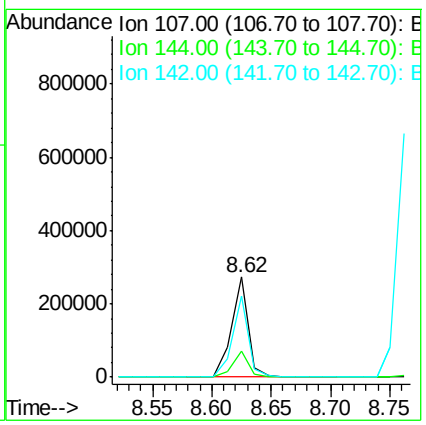
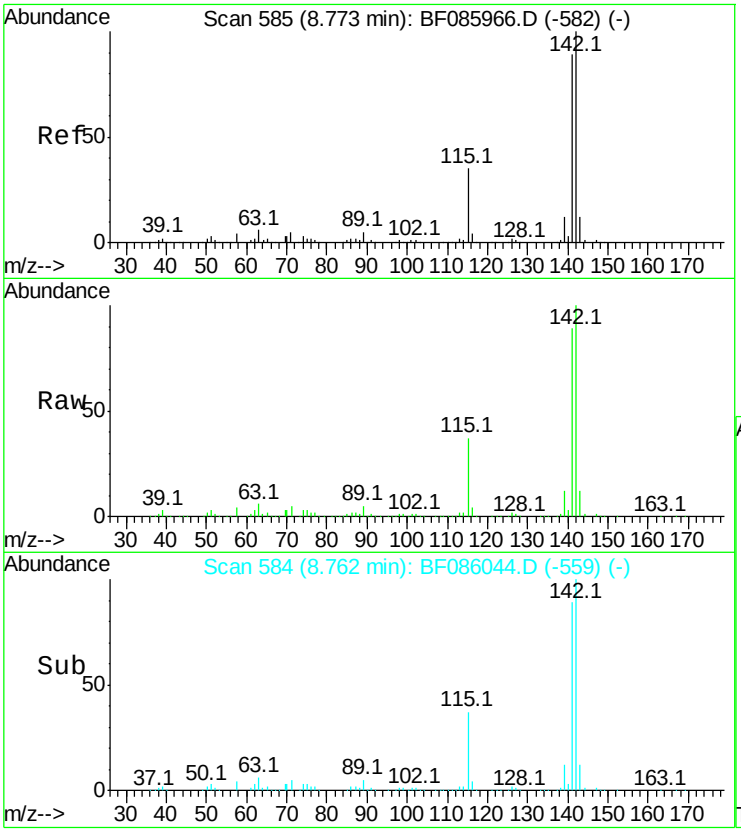


#36
4-Chloro-3-methylphenol
Concen: 45.72 ng
RT: 8.62 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:107 Resp: 266391

Ion	Ratio	Lower	Upper
107	100		
144	25.7	19.3	28.9
142	80.7	61.4	92.0

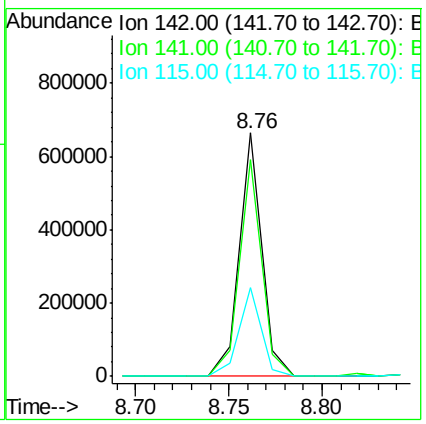




#37
2-Methylnaphthalene
Concen: 44.68 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:142 Resp: 564601

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.6	107.4
115	36.6	26.8	40.2



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

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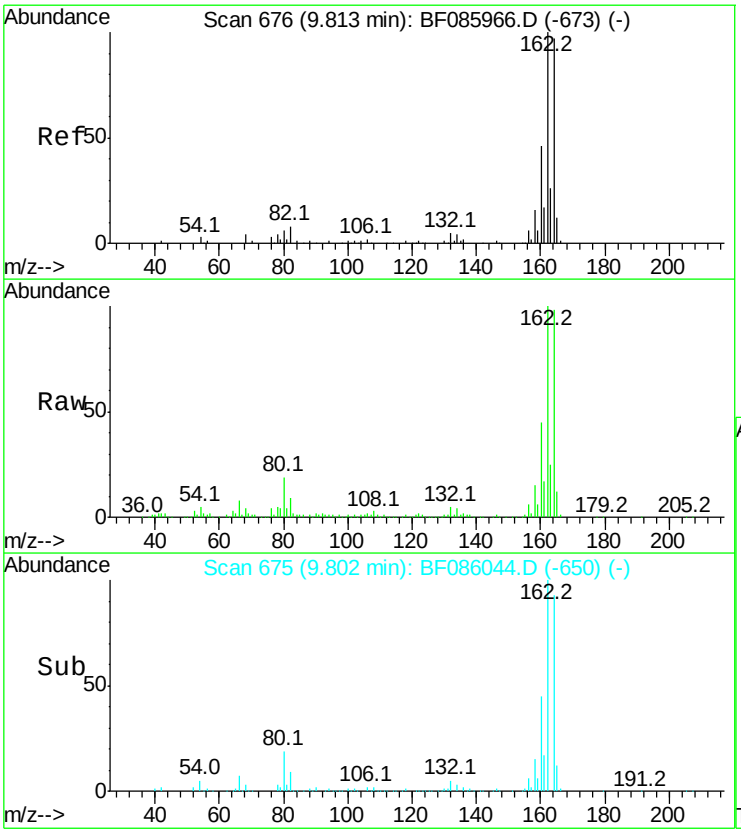
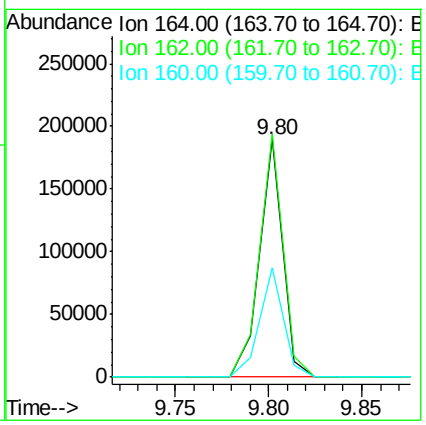
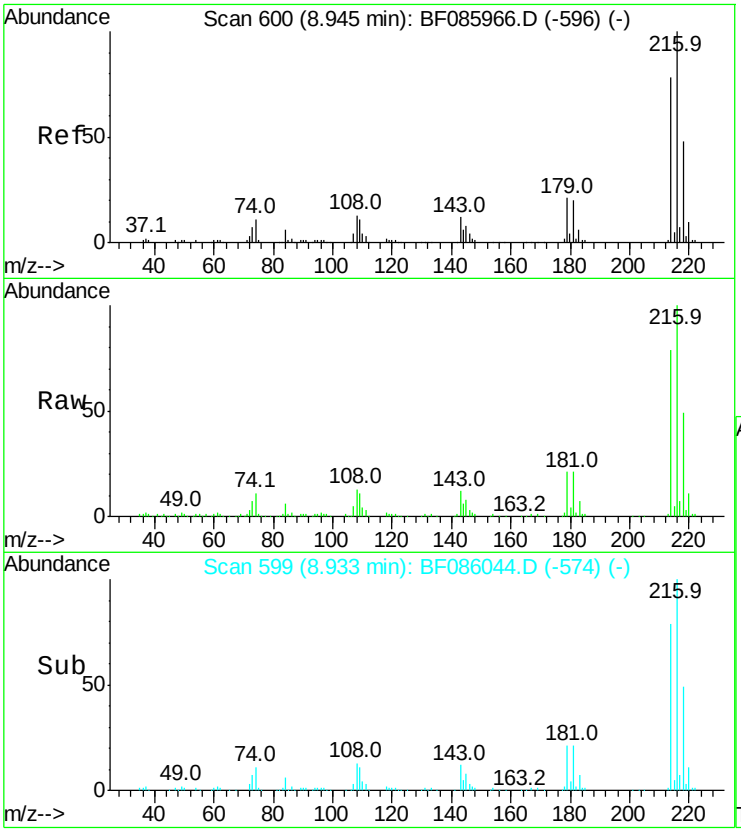


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:164 Resp: 162268

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.1	123.1
160	46.1	37.4	56.2

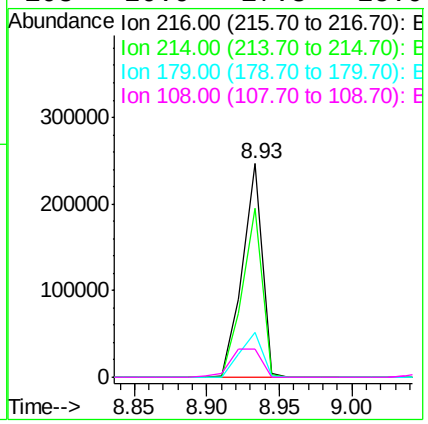




#39
1,2,4,5-Tetrachlorobenzene
Concen: 48.22 ng
RT: 8.93 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:216 Resp: 235189

Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.1	94.7
179	23.8	18.2	27.2
108	20.9	17.3	25.9



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

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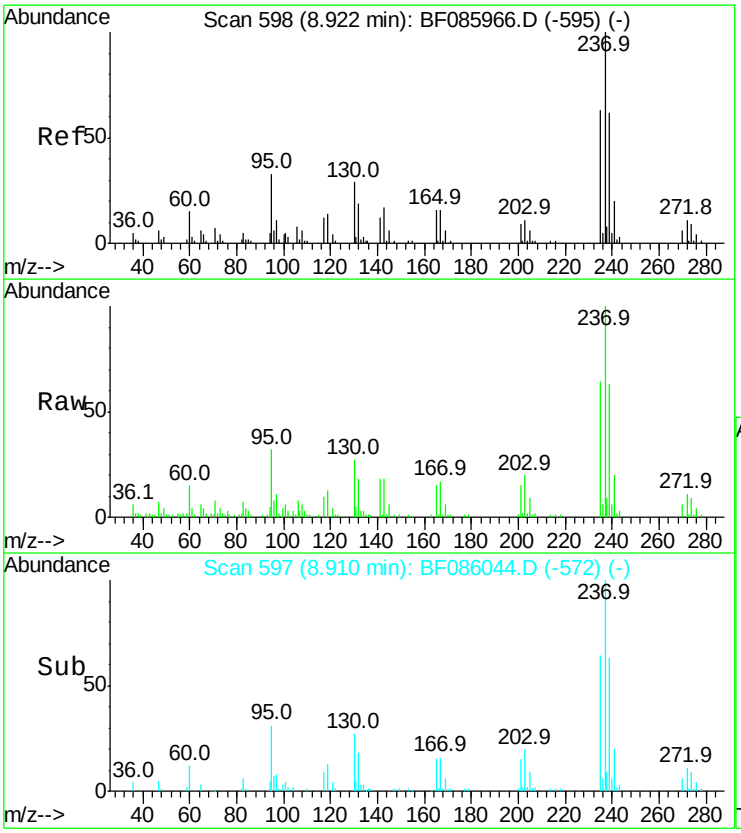
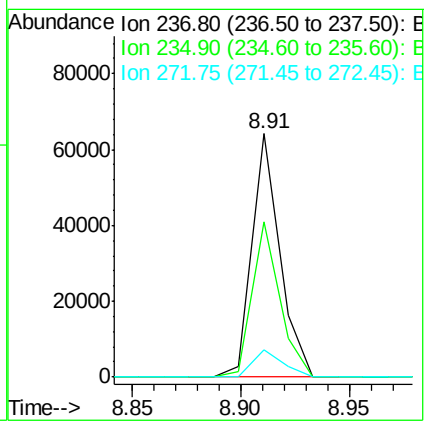
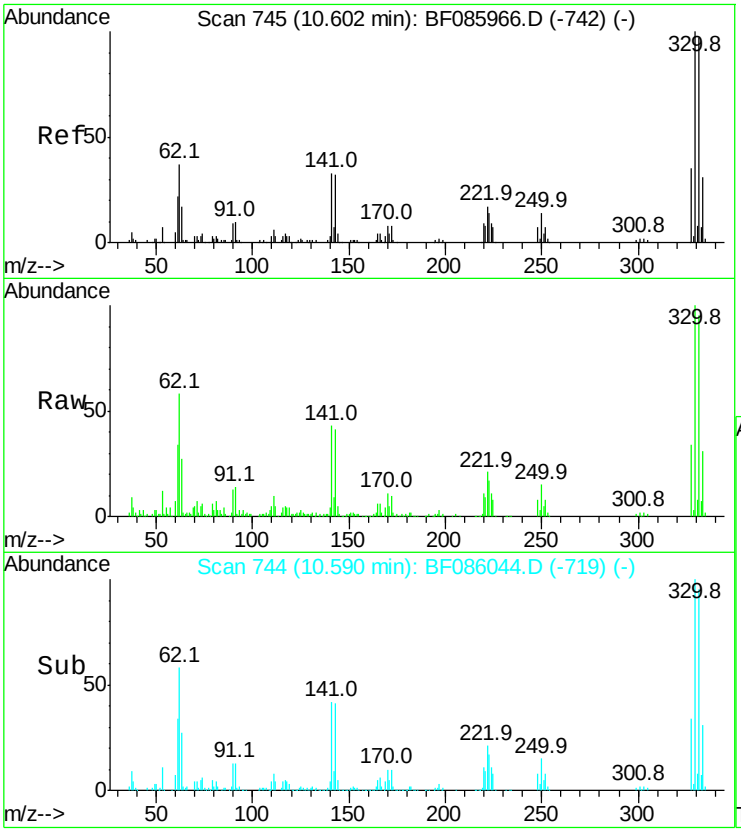


#40
Hexachlorocyclopentadiene
Concen: 41.41 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:237 Resp: 56993

Ion	Ratio	Lower	Upper
237	100		
235	64.0	43.7	83.7
272	11.2	0.0	31.9

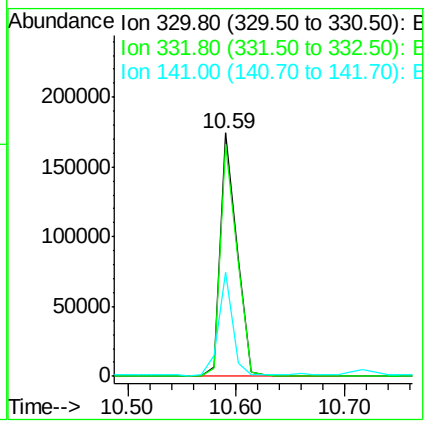




#41
2,4,6-Tribromophenol
Concen: 121.66 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:330 Resp: 185296

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.2	117.2
141	36.7	31.5	47.3



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

Manual Integrations APPROVED
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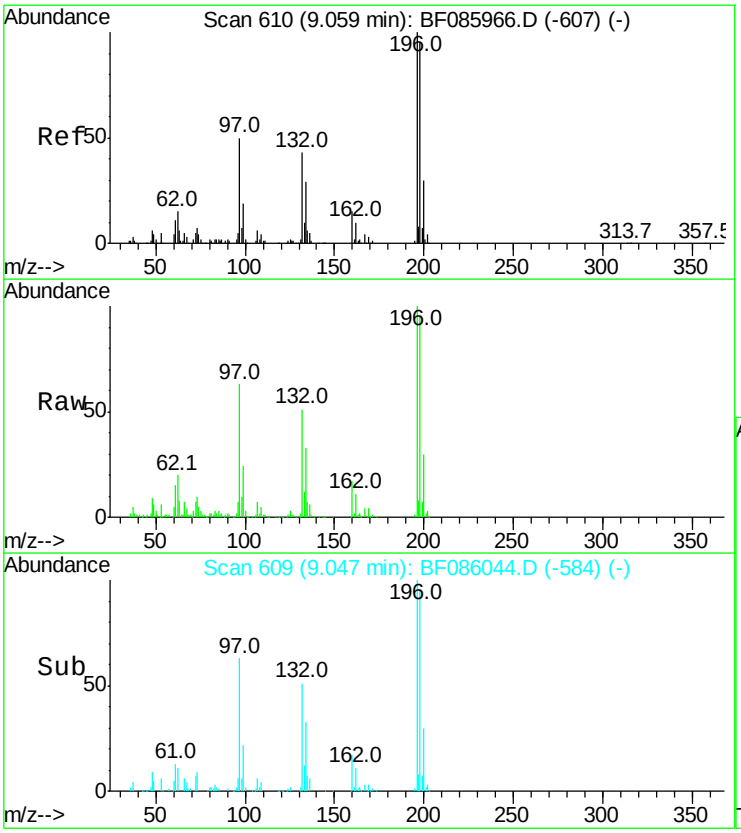
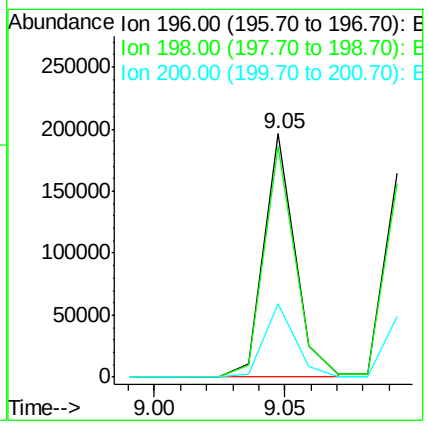
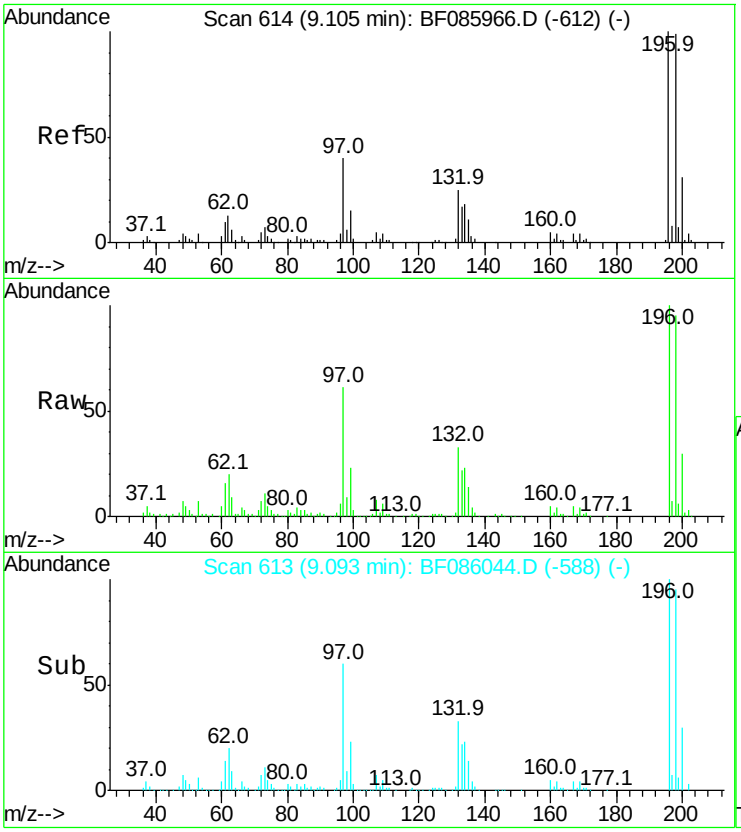


#42
2,4,6-Trichlorophenol
Concen: 51.38 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:196 Resp: 160925

Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.3	112.9
200	30.2	23.7	35.5

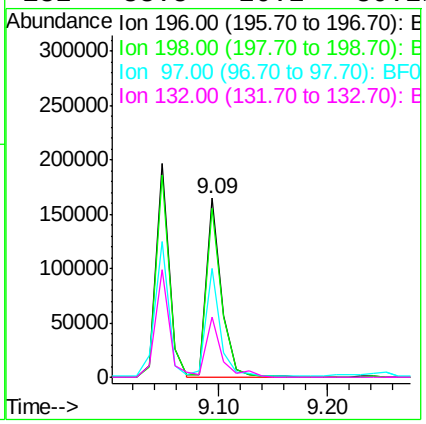




#43
2,4,5-Trichlorophenol
Concen: 51.05 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:196 Resp: 162331

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.6	114.8
97	60.7	30.5	45.7#
132	33.5	20.2	30.2#



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

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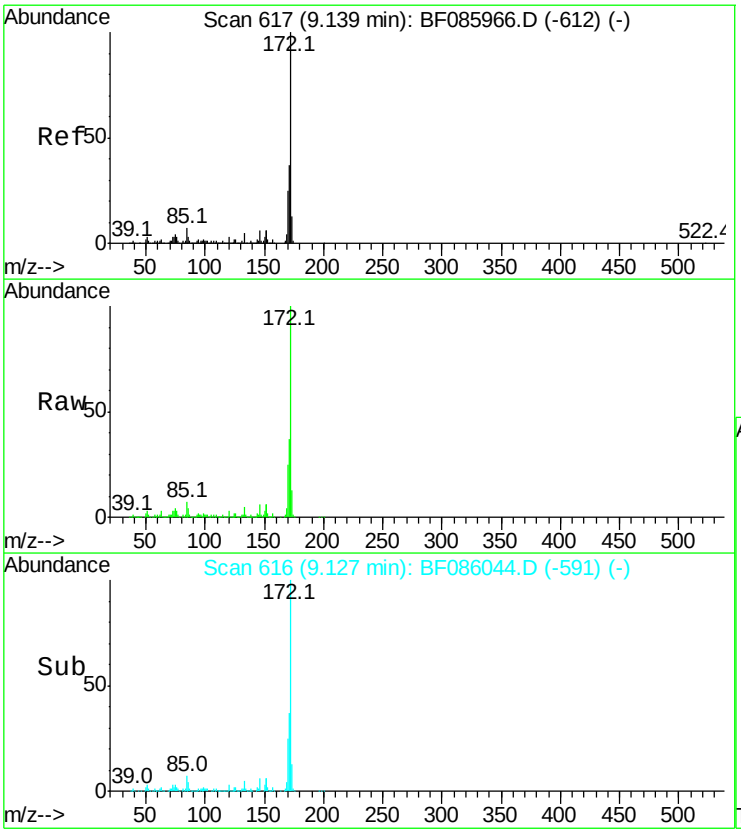
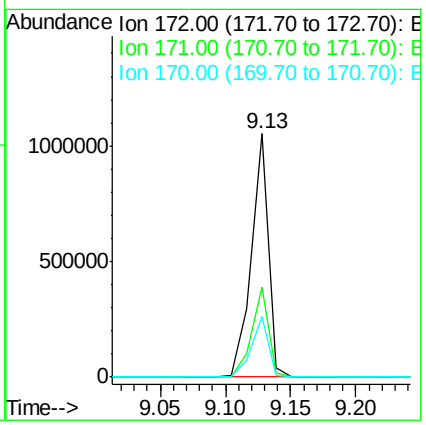
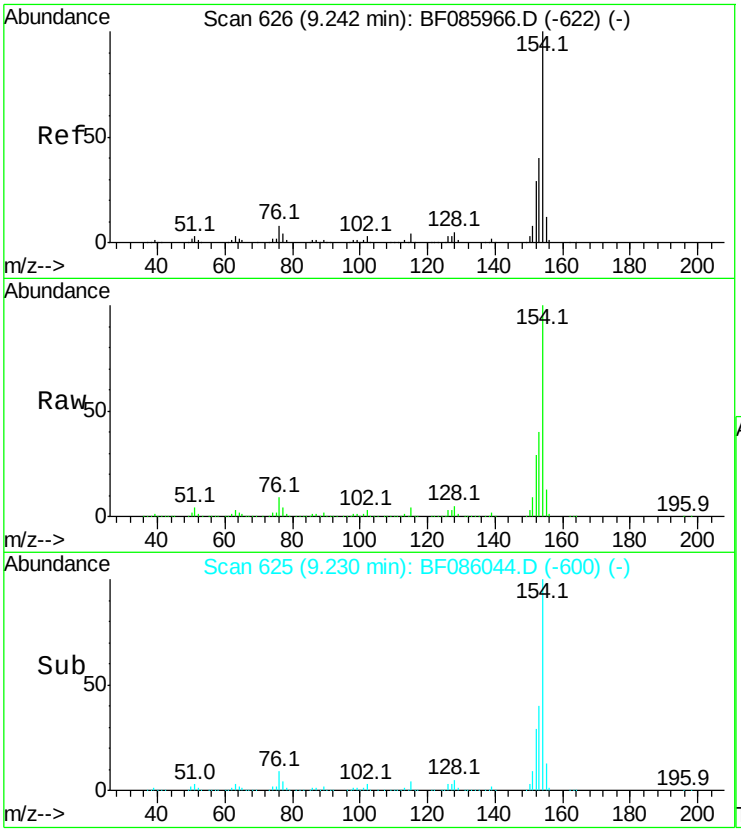


#44
2-Fluorobiphenyl
Concen: 97.94 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:172 Resp: 955791

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.2
170	25.0	19.8	29.6

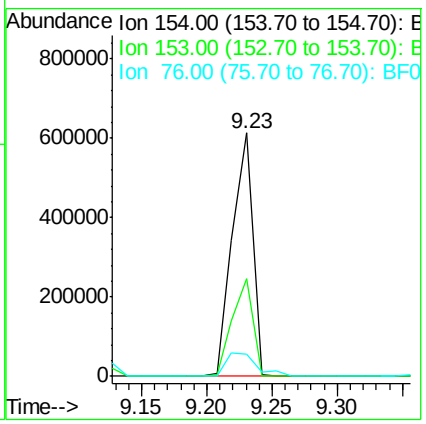




#45
1,1'-Biphenyl
Concen: 47.68 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:154 Resp: 667118

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.8	60.8
76	9.3	0.0	36.7



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

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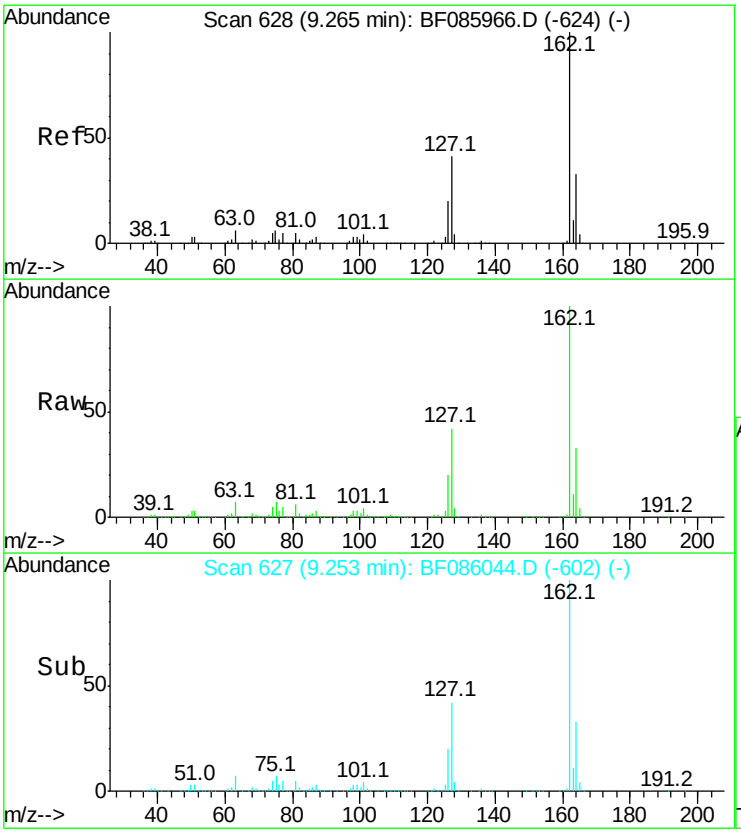
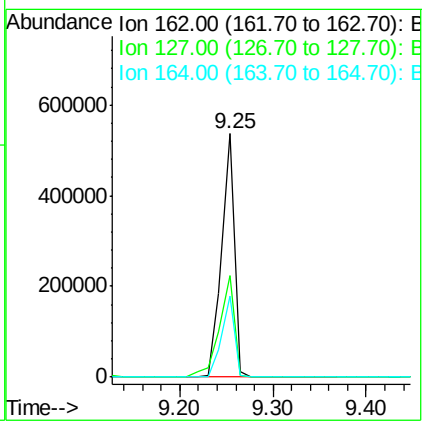
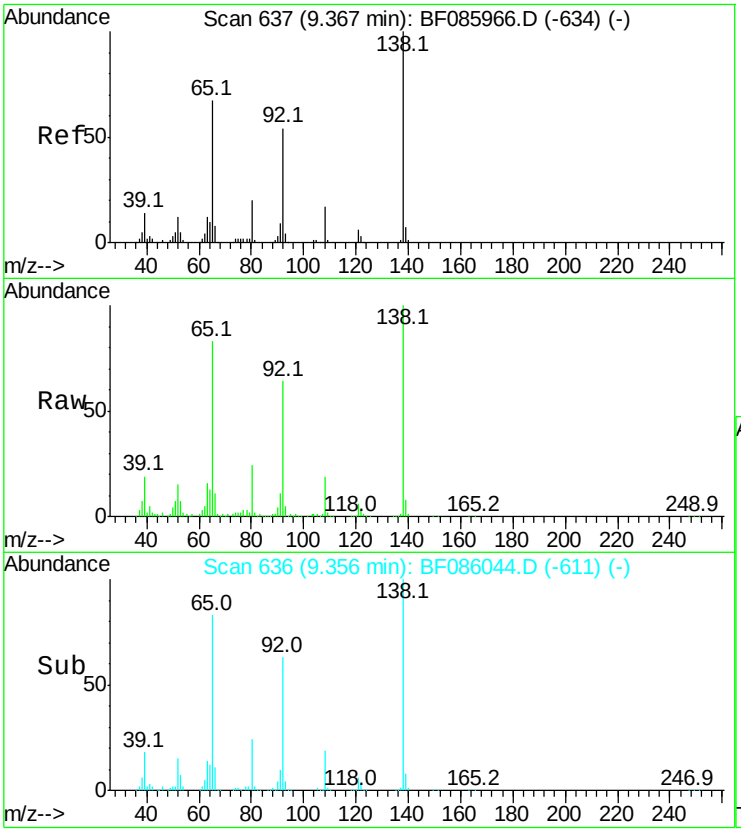


#46
2-Chloronaphthalene
Concen: 50.00 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:162 Resp: 507146

Ion	Ratio	Lower	Upper
162	100		
127	41.8	31.7	47.5
164	33.3	27.3	40.9

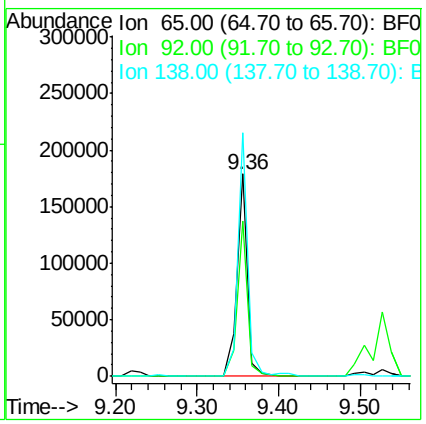




#47
2-Nitroaniline
Concen: 54.30 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion: 65 Resp: 161125

Ion	Ratio	Lower	Upper
65	100		
92	76.6	59.7	89.5
138	120.4	91.4	137.0



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

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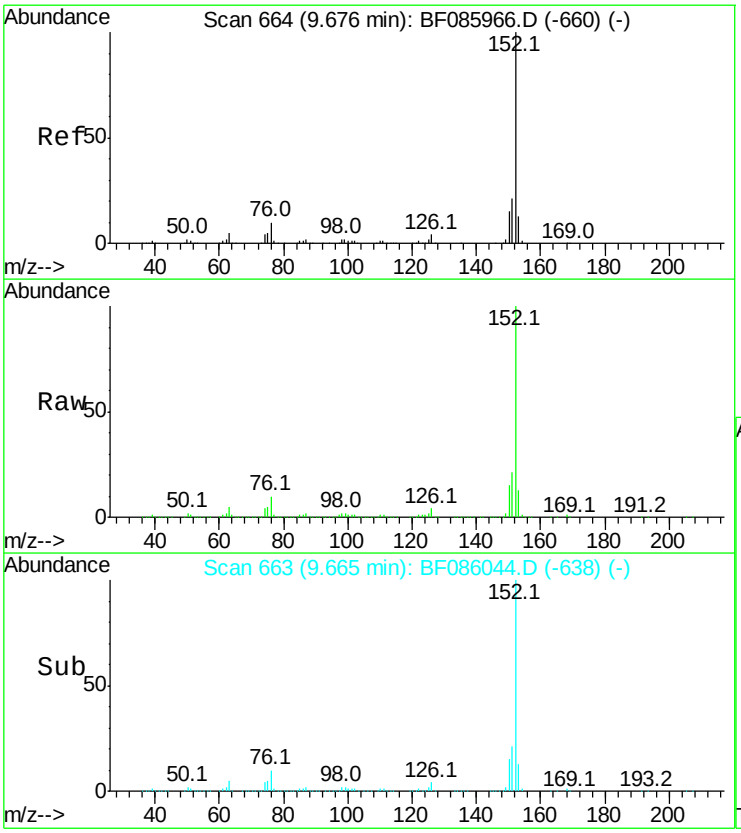
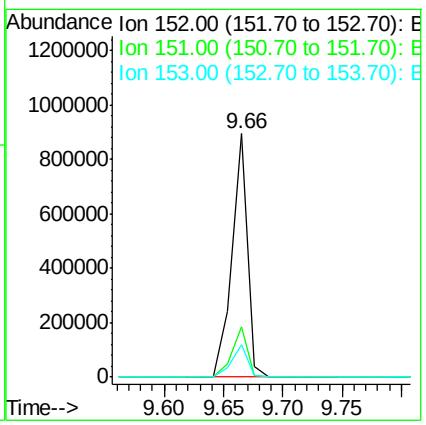
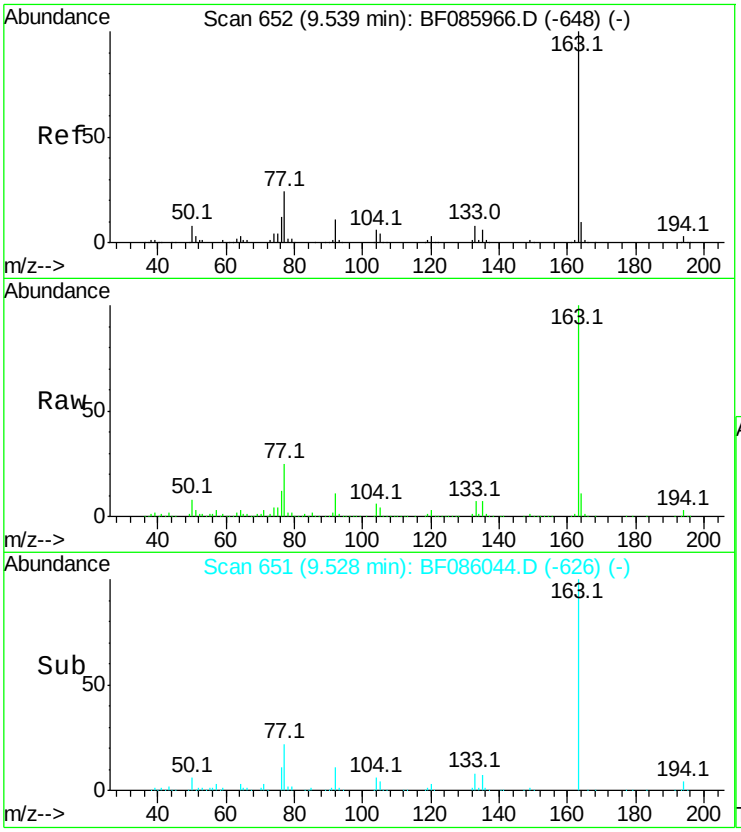


#48
Acenaphthylene
Concen: 49.91 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:152 Resp: 810915

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.4	10.9	16.3

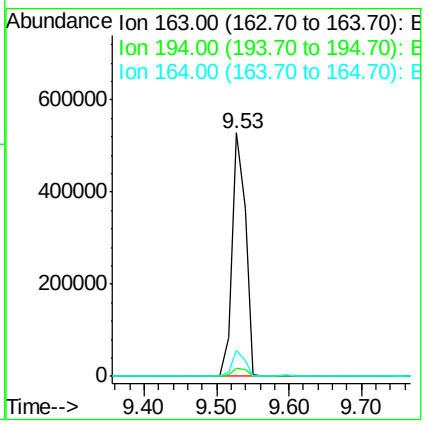




#49
Dimethylphthalate
Concen: 56.13 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:163 Resp: 675060

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.9	4.3
164	10.7	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

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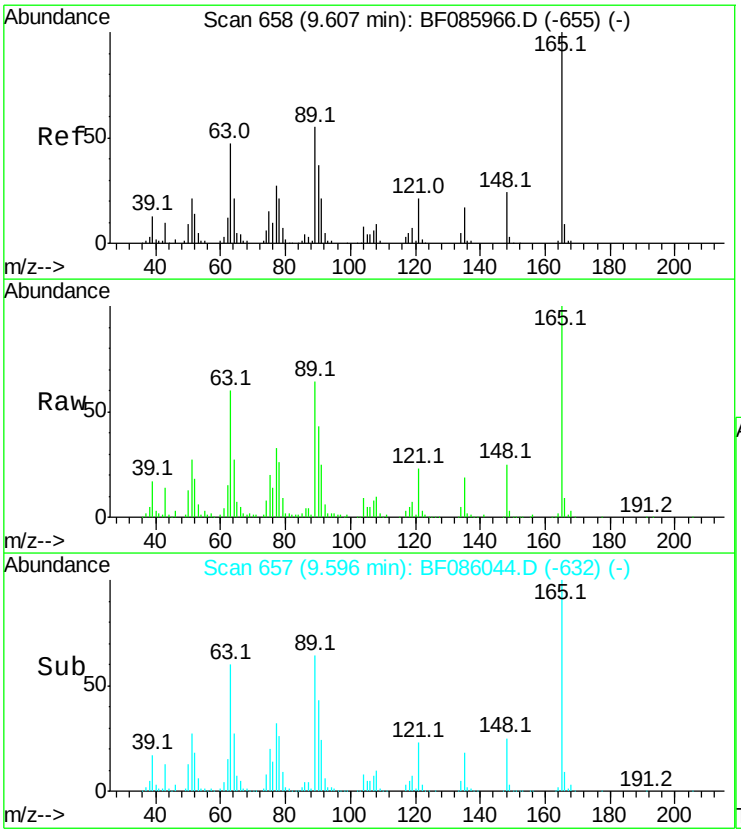
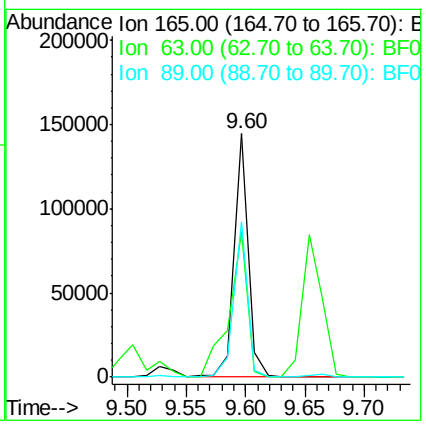
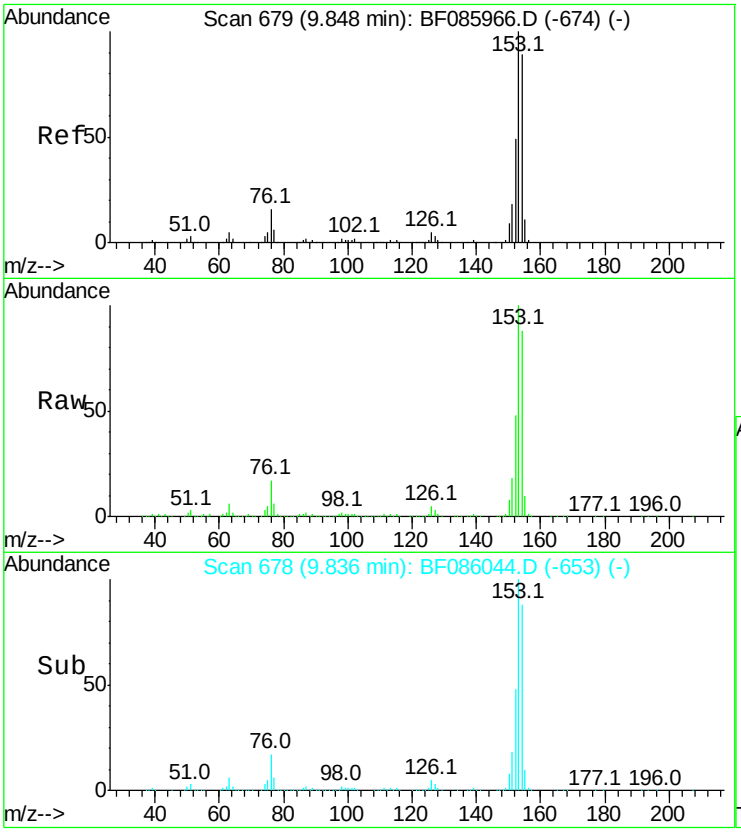


#50
2,6-Dinitrotoluene
Concen: 46.26 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:165 Resp: 117714

Ion	Ratio	Lower	Upper
165	100		
63	59.7	51.8	77.8
89	63.8	53.7	80.5

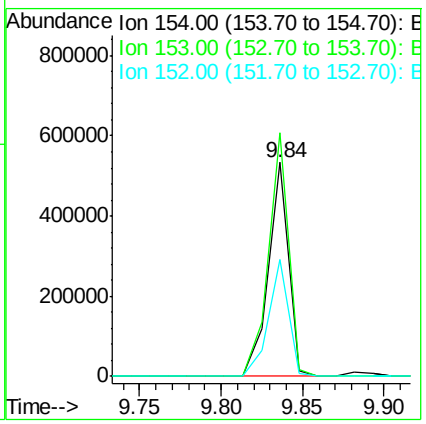




#51
Acenaphthene
Concen: 47.66 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:154 Resp: 460498

Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.1	135.1
152	54.9	44.2	66.2



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

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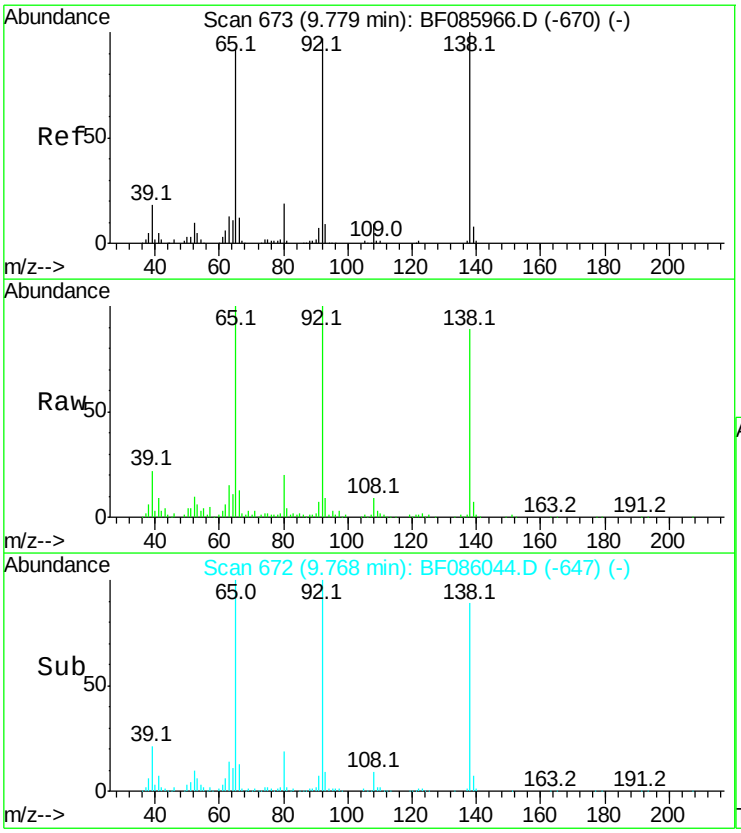
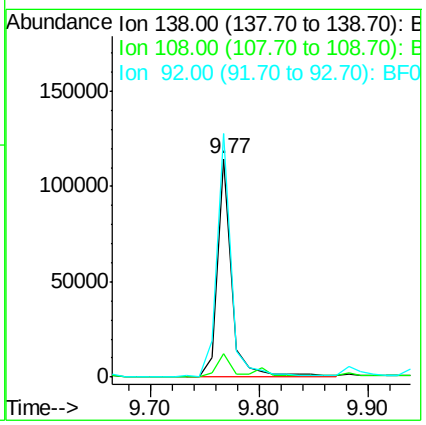
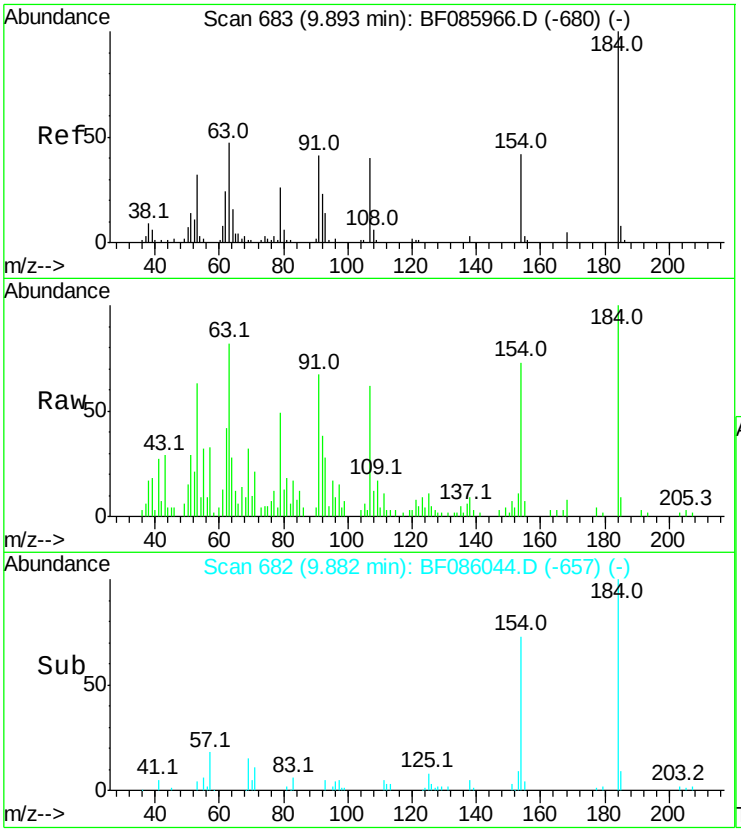


#52
3-Nitroaniline
Concen: 34.69 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:138 Resp: 106399

Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.7	13.1
92	111.6	93.3	139.9

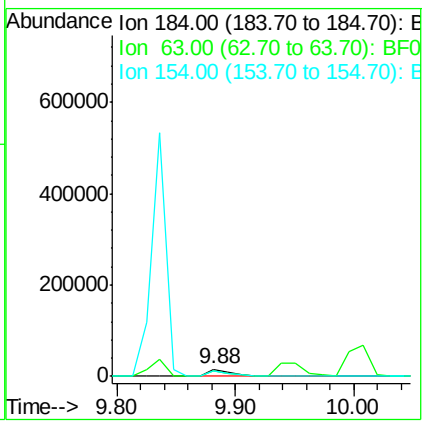




#53
2,4-Dinitrophenol
Concen: 23.21 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:184 Resp: 23937

Ion	Ratio	Lower	Upper
184	100		
63	81.9	69.5	104.3
154	72.6	58.3	87.5



Instrument :
BNA_F
ClientSampleId :
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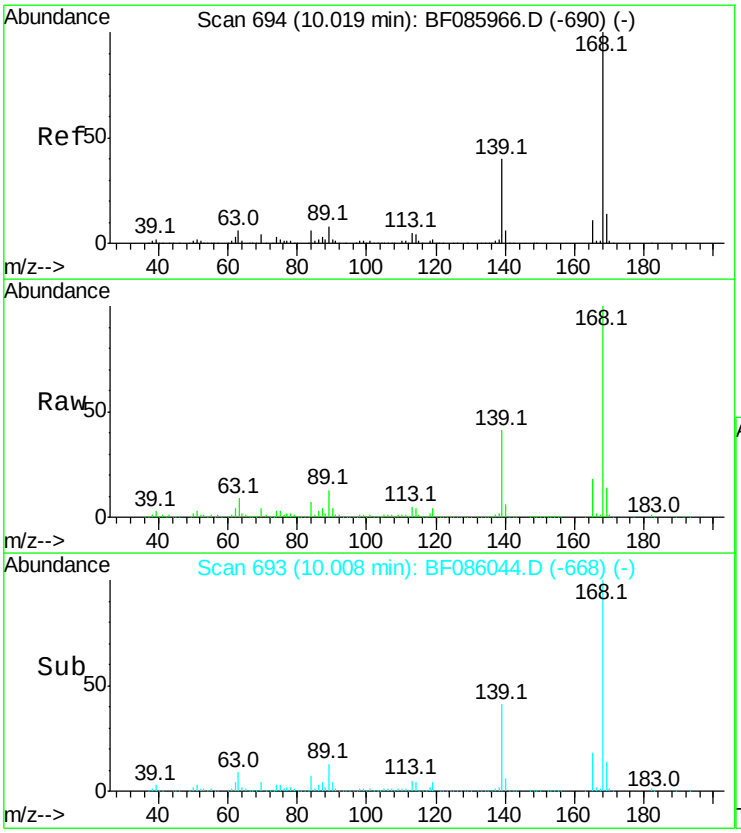
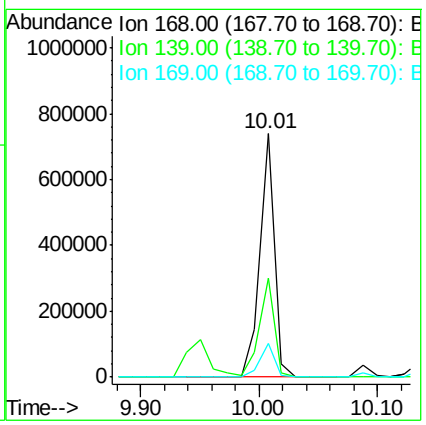
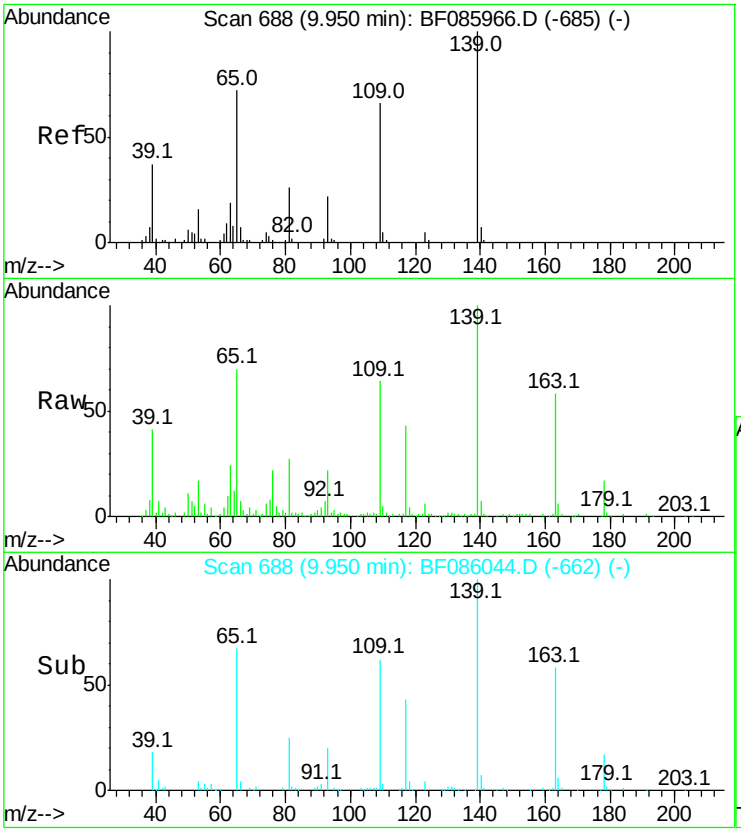


#54
Dibenzofuran
Concen: 49.89 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:168 Resp: 636692

Ion	Ratio	Lower	Upper
168	100		
139	40.8	31.9	47.9
169	13.7	11.0	16.6

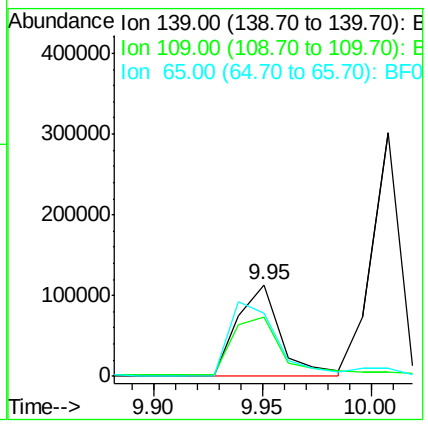




#55
4-Nitrophenol
Concen: 85.69 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:139 Resp: 154932

Ion	Ratio	Lower	Upper
139	100		
109	64.3	49.2	89.2
65	69.8	66.9	106.9



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

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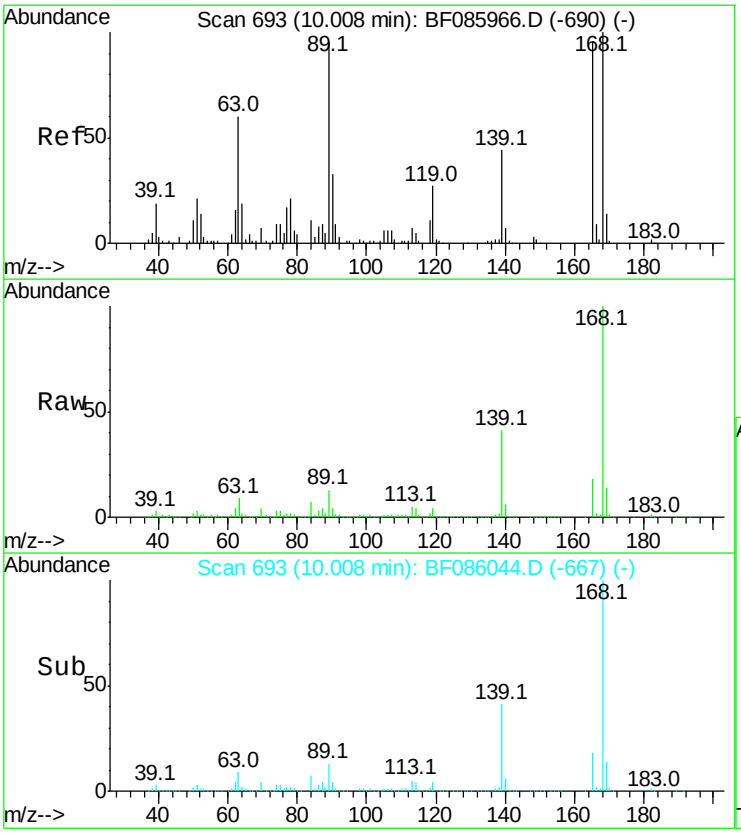
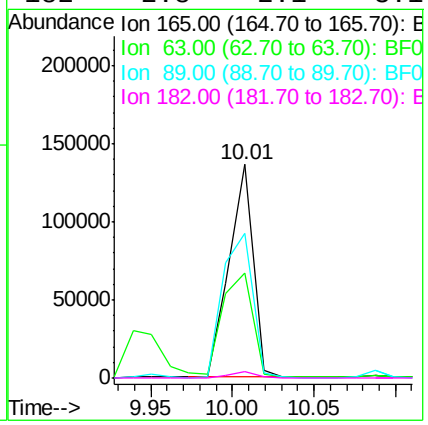
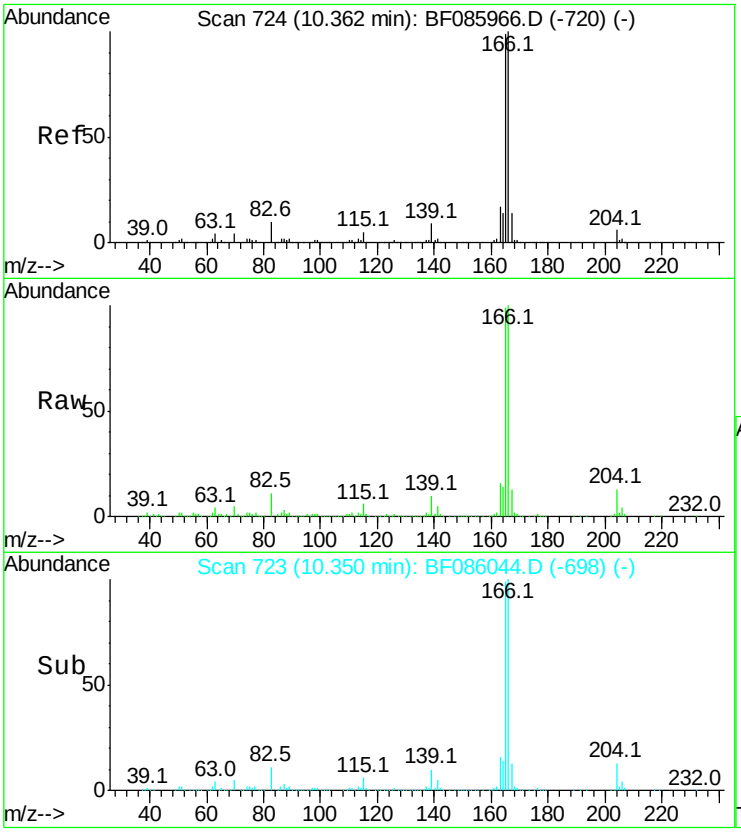


#56
2,4-Dinitrotoluene
Concen: 43.07 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:165 Resp: 138482

Ion	Ratio	Lower	Upper
165	100		
63	48.9	24.9	37.3#
89	68.0	41.0	61.6#
182	2.8	2.1	3.1

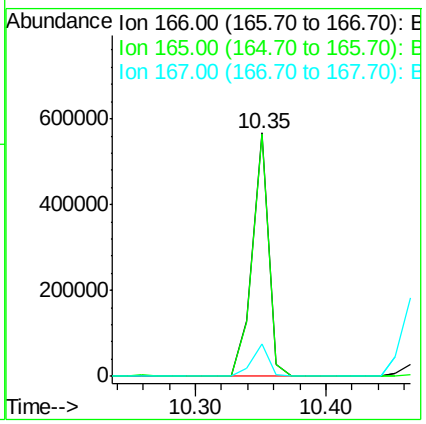




#57
Fluorene
Concen: 45.69 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:166 Resp: 498048

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.4	119.0
167	13.5	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

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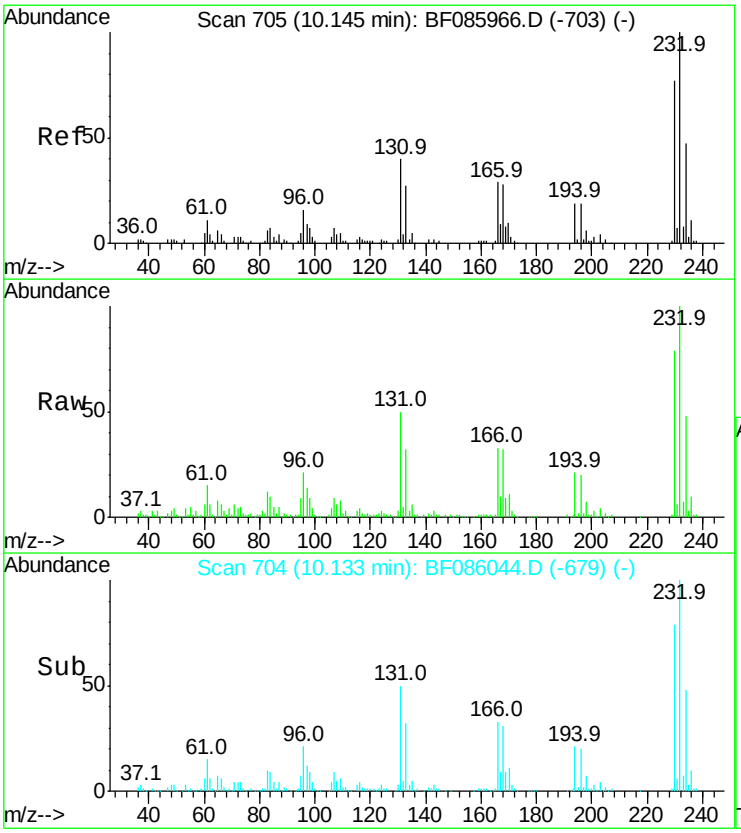
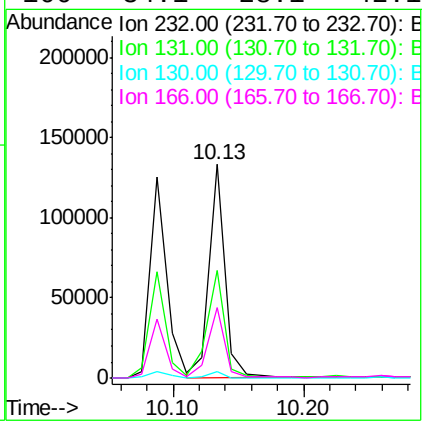
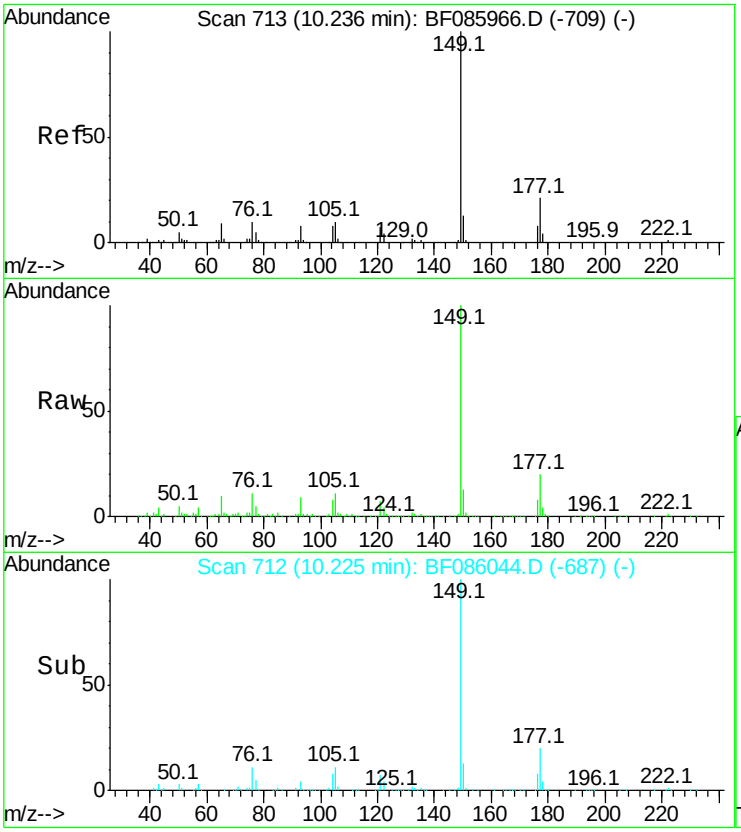


#58
2,3,4,6-Tetrachlorophenol
Concen: 48.00 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:232 Resp: 113645

Ion	Ratio	Lower	Upper
232	100		
131	54.8	44.9	67.3
130	3.3	2.3	3.5
166	34.1	28.1	42.1

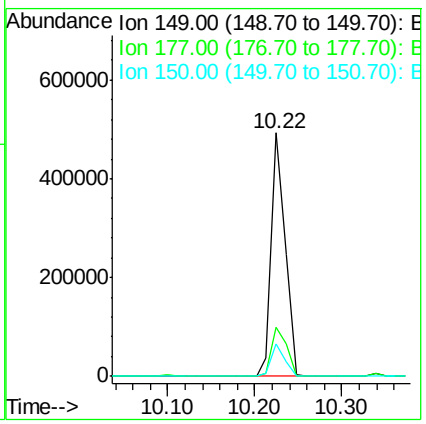




#59
Diethylphthalate
Concen: 43.98 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:149 Resp: 533930

Ion	Ratio	Lower	Upper
149	100		
177	20.3	17.9	26.9
150	13.2	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

Manual Integrations APPROVED
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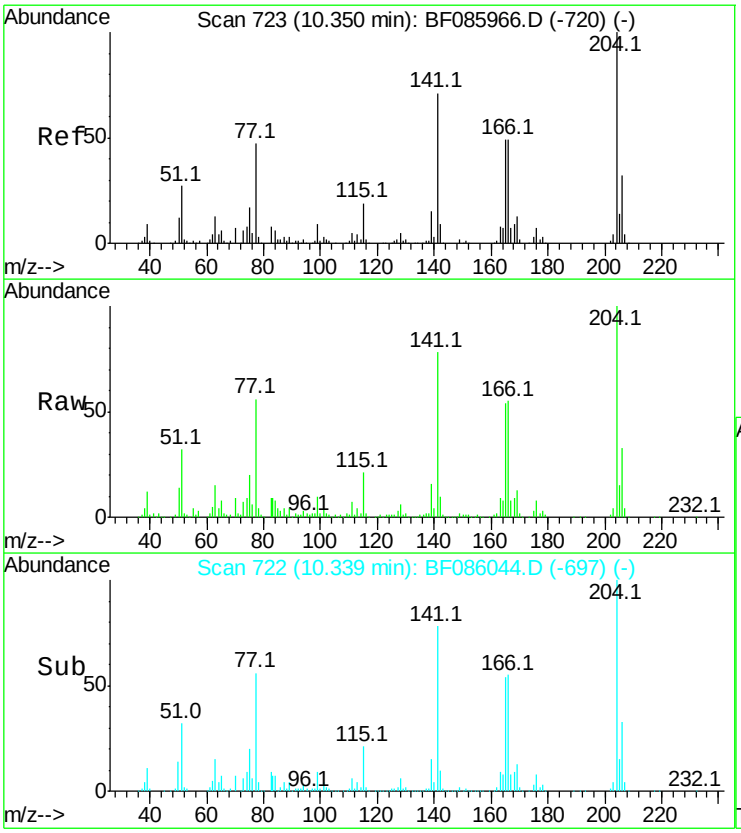
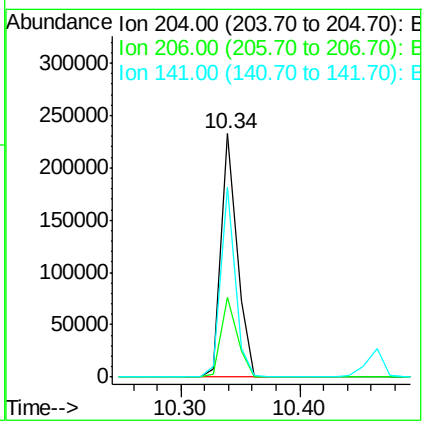
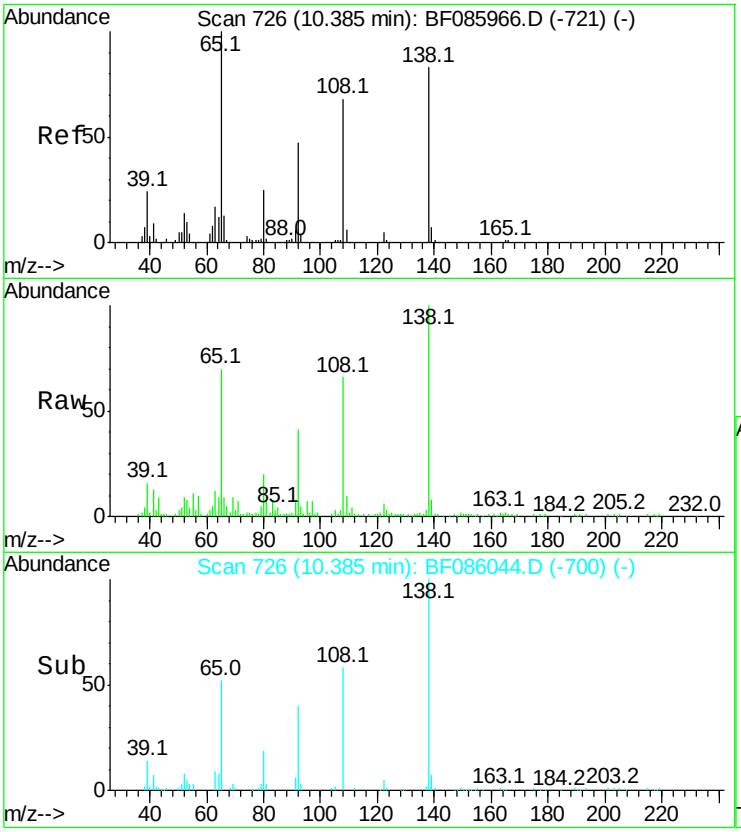


#60
4-Chlorophenyl-phenylether
Concen: 42.52 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:204 Resp: 215893

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	78.2	57.4	86.0

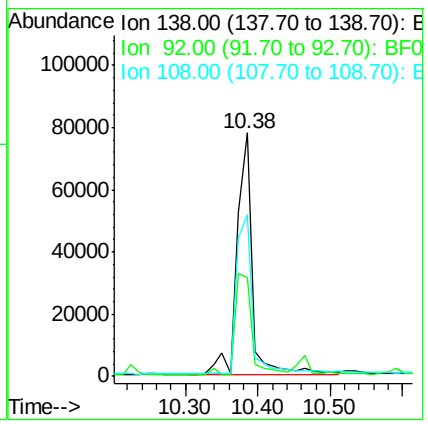




#61
4-Nitroaniline
Concen: 37.52 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:138 Resp: 113321

Ion	Ratio	Lower	Upper
138	100		
92	40.5	26.4	66.4
108	66.4	49.0	89.0



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

Manual Integrations APPROVED
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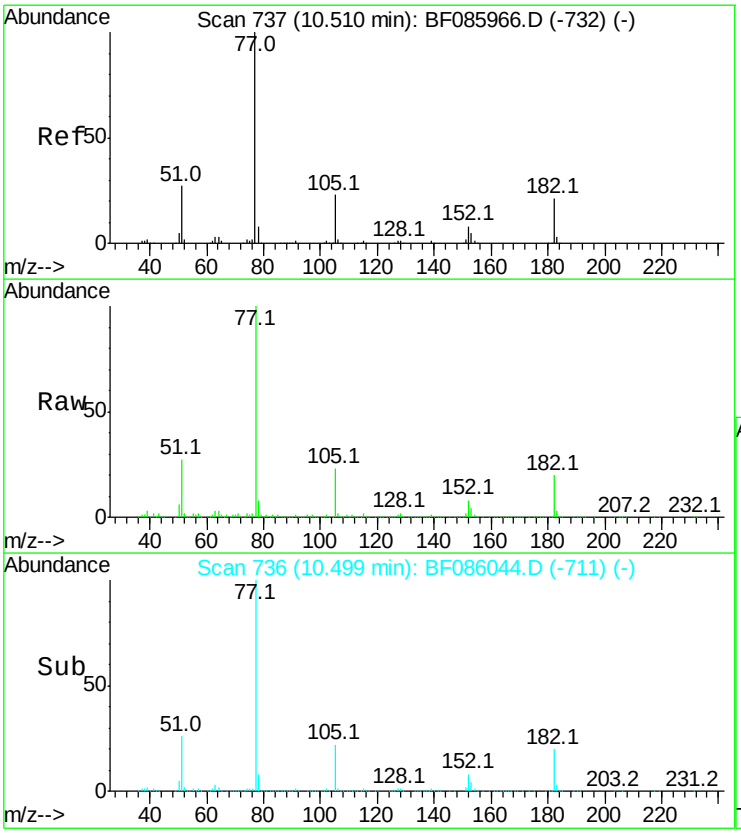
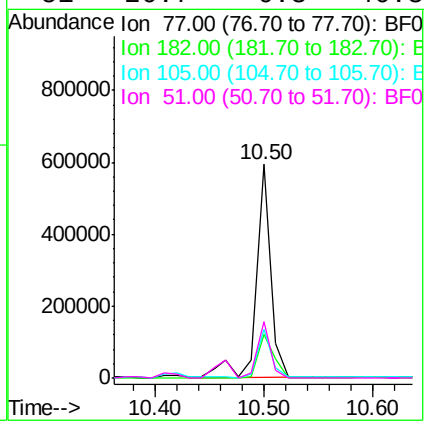
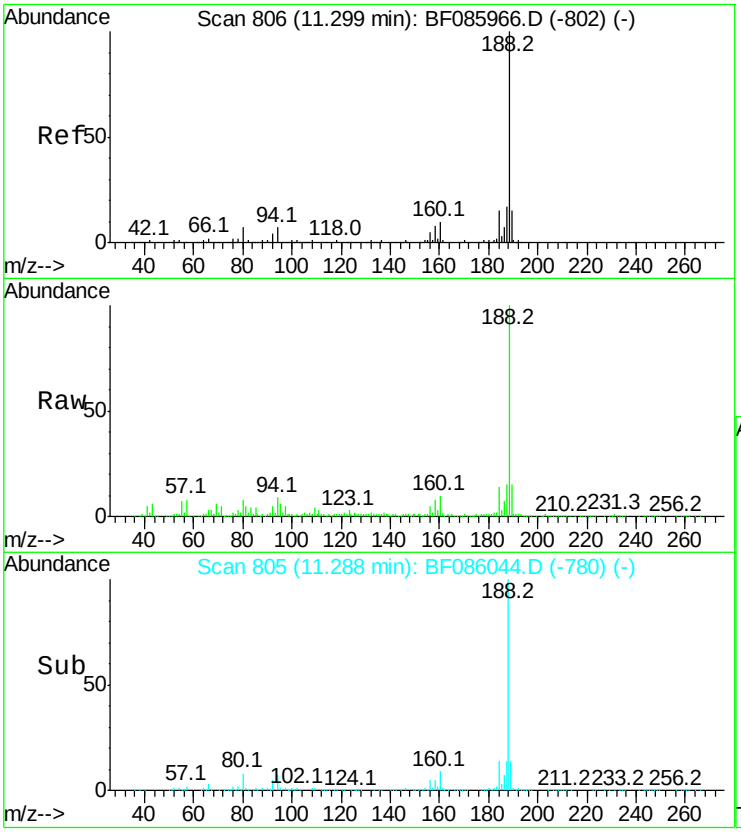


#62
Azobenzene
Concen: 47.87 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion: 77 Resp: 556622

Ion	Ratio	Lower	Upper
77	100		
182	20.3	1.9	41.9
105	23.0	3.5	43.5
51	26.7	6.3	46.3





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:188 Resp: 254984

Ion	Ratio	Lower	Upper
188	100		
94	8.7	5.4	8.0#
80	8.4	5.5	8.3#

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

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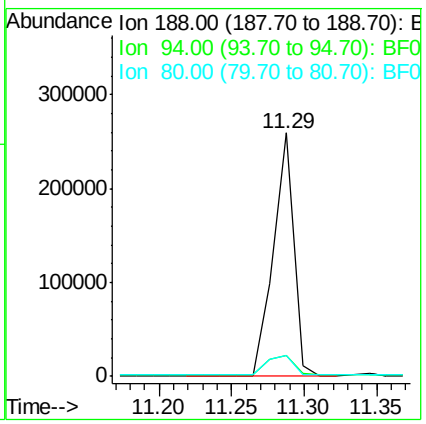
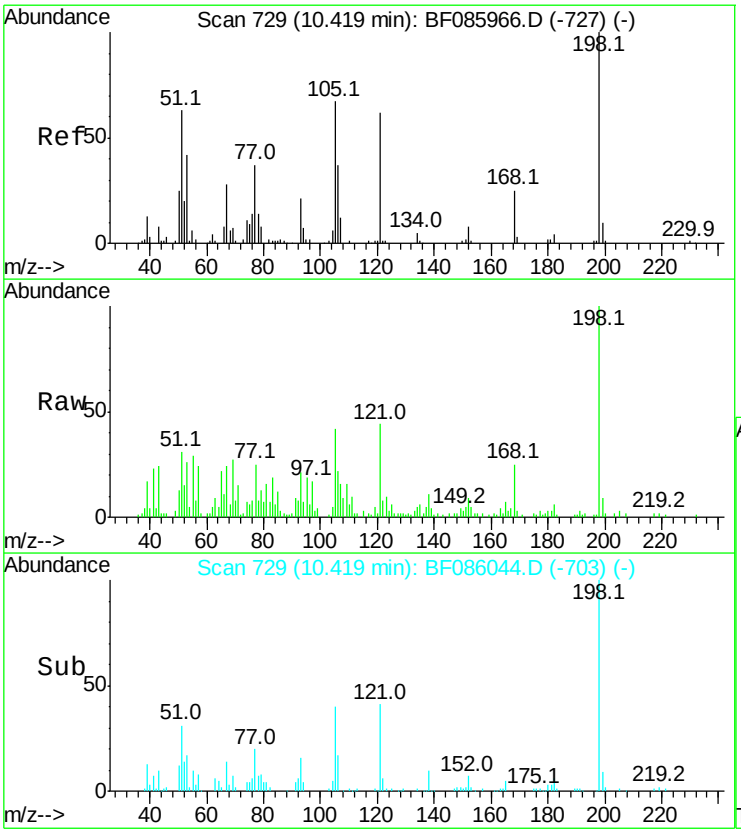
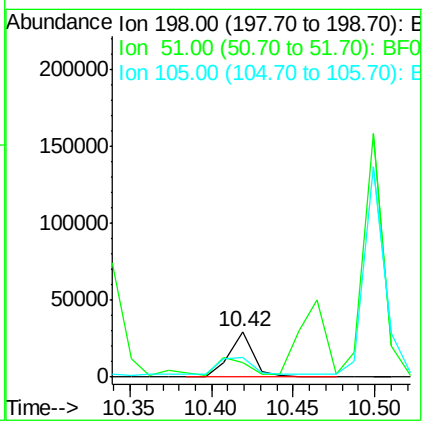


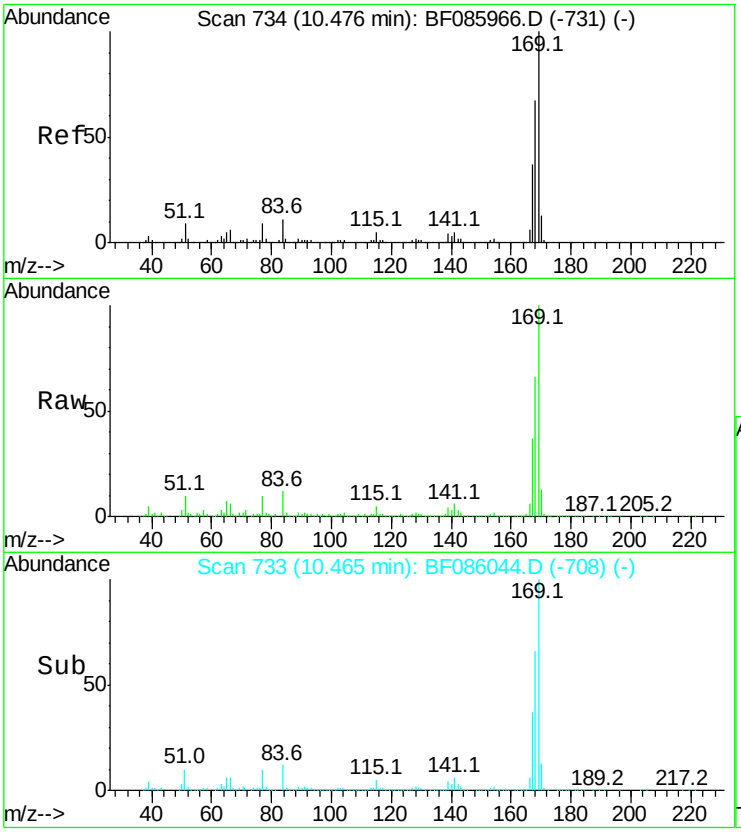


#64
4,6-Dinitro-2-methylphenol
Concen: 20.03 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:198 Resp: 30948

Ion	Ratio	Lower	Upper
198	100		
51	31.2	45.4	85.4#
105	42.4	45.9	85.9#

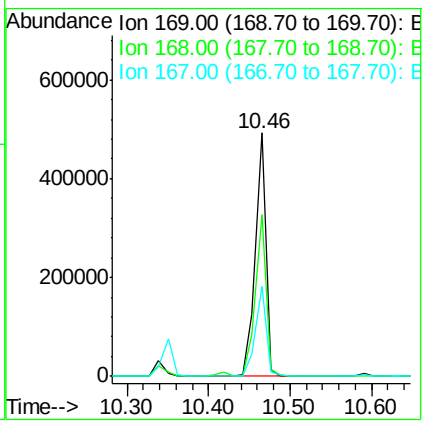




#65
n-Nitrosodiphenylamine
Concen: 55.31 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:169 Resp: 441028

Ion	Ratio	Lower	Upper
169	100		
168	66.2	54.4	81.6
167	37.0	29.4	44.0



Instrument :
BNA_F
ClientSampleId :
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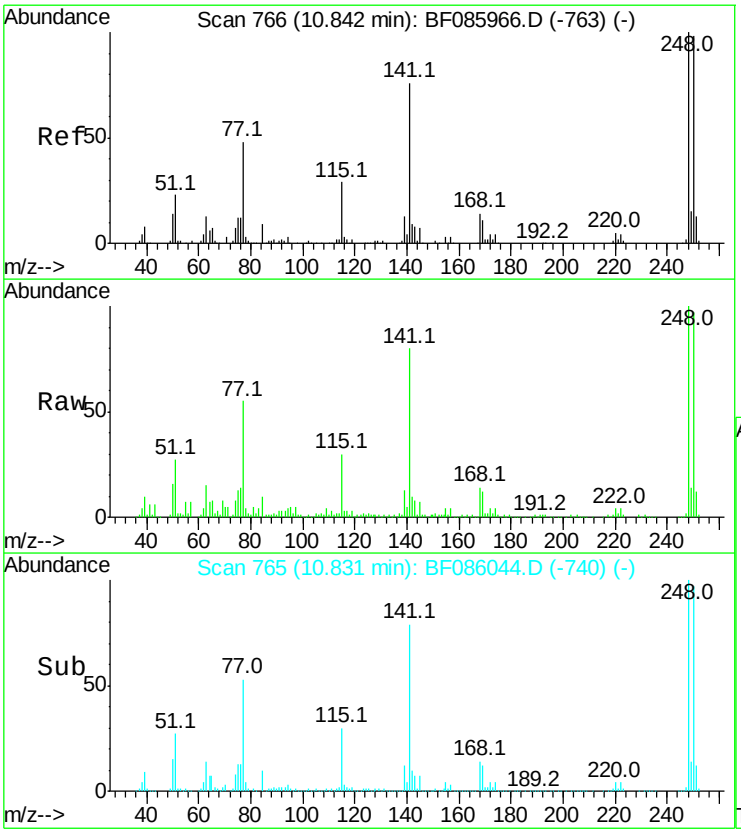
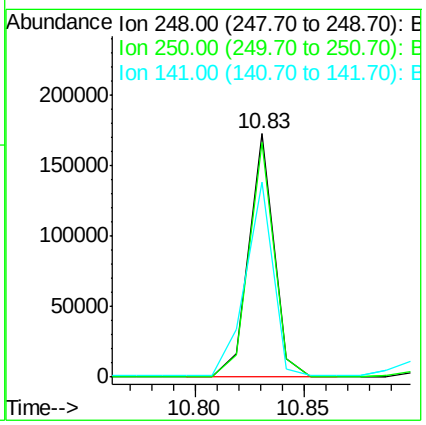
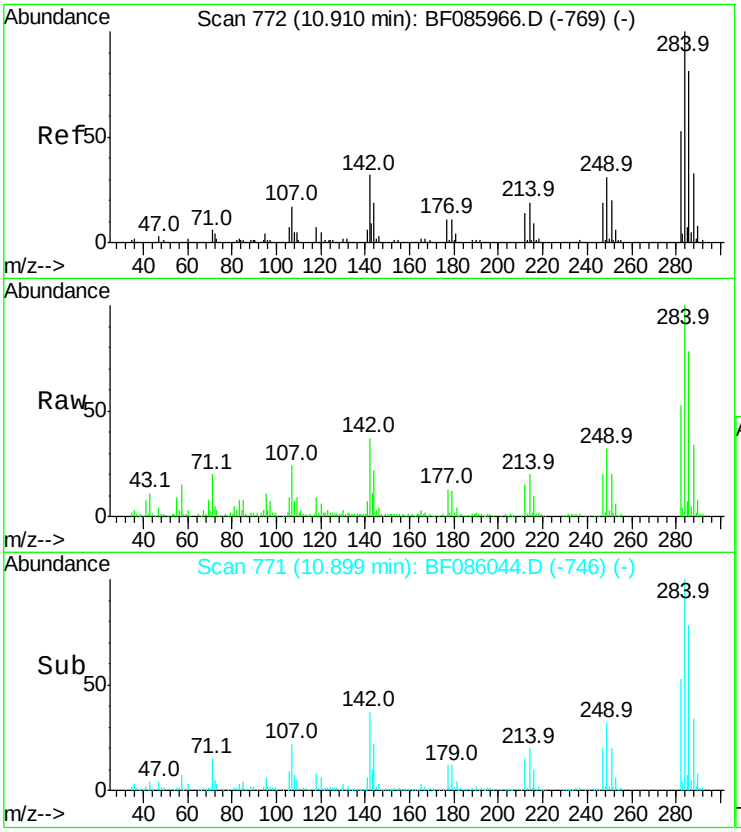


#66
4-Bromophenyl-phenylether
Concen: 53.56 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:248 Resp: 139439

Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.4	116.0
141	80.0	63.6	95.4

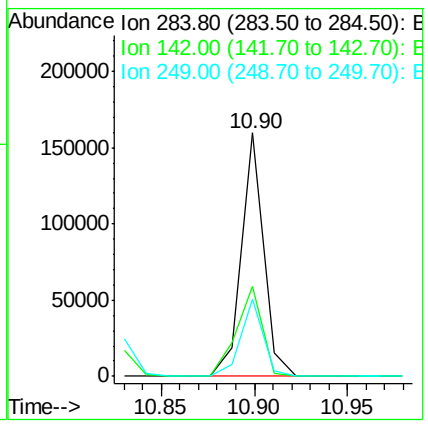




#67
Hexachlorobenzene
Concen: 49.46 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:284 Resp: 133150

Ion	Ratio	Lower	Upper
284	100		
142	37.2	23.1	34.7#
249	31.9	24.2	36.2



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

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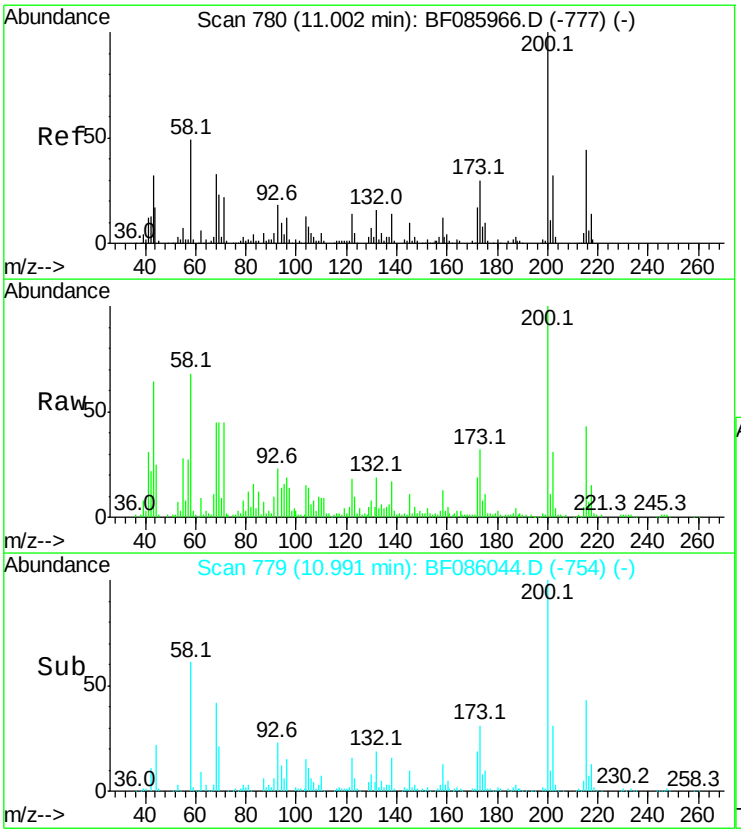
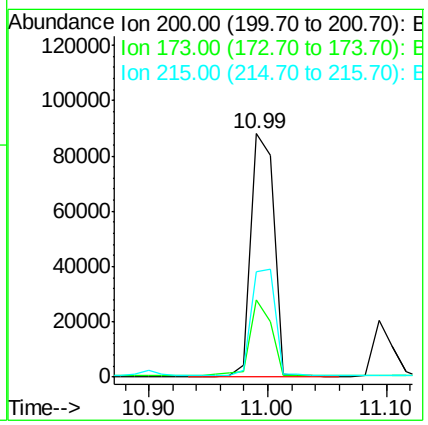
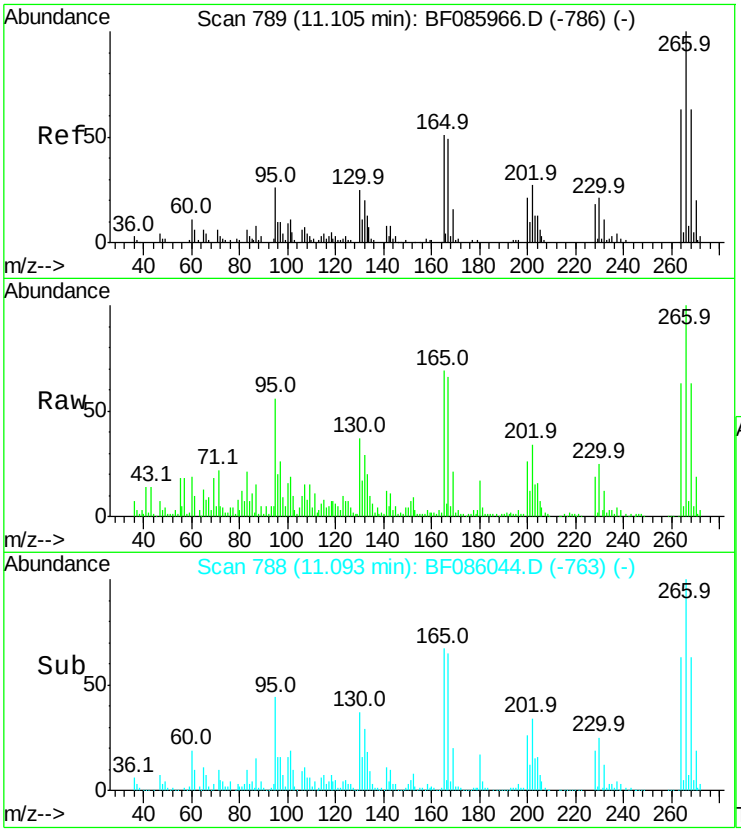


#68
Atrazine
Concen: 46.72 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:200 Resp: 120386

Ion	Ratio	Lower	Upper
200	100		
173	31.7	7.7	47.7
215	43.4	25.4	65.4

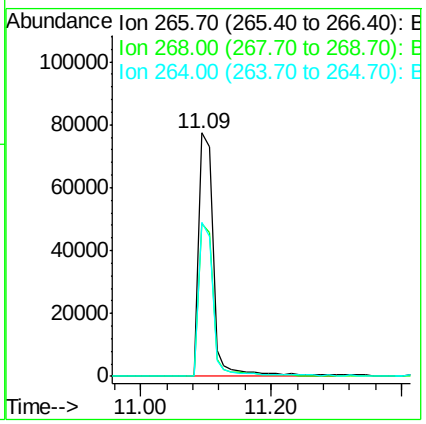




#69
Pentachlorophenol
Concen: 95.49 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:266 Resp: 120481

Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.5	77.3
264	63.0	50.6	76.0



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

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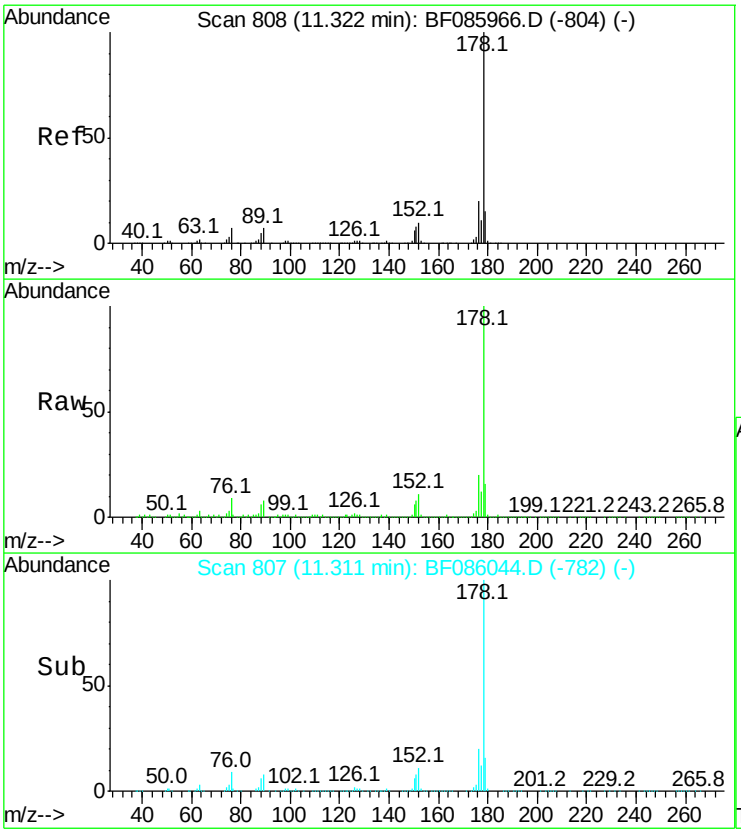
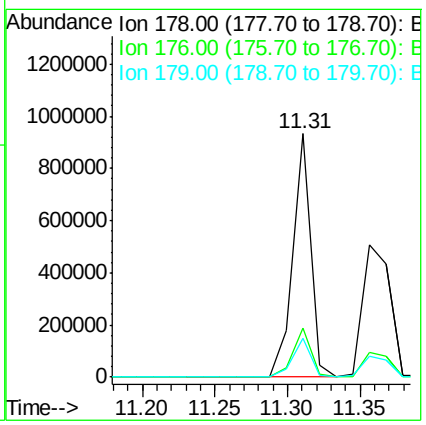
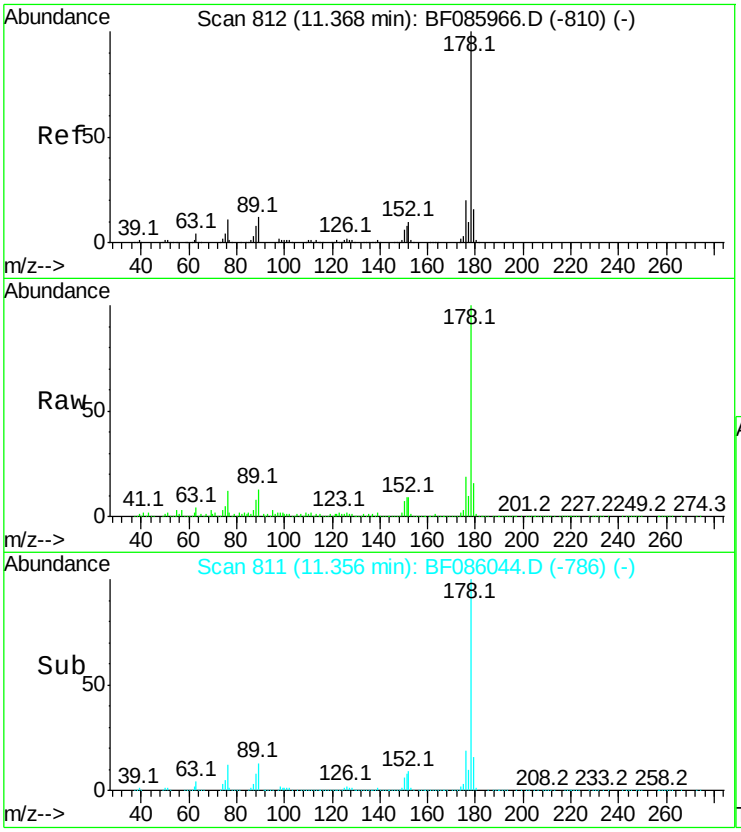


#70
Phenanthrene
Concen: 57.21 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:178 Resp: 795888

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.3	24.5
179	15.9	12.6	18.8

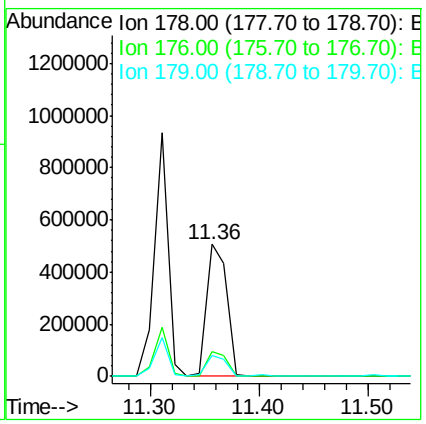




#71
Anthracene
Concen: 45.33 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:178 Resp: 660532

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	16.3	13.0	19.4



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

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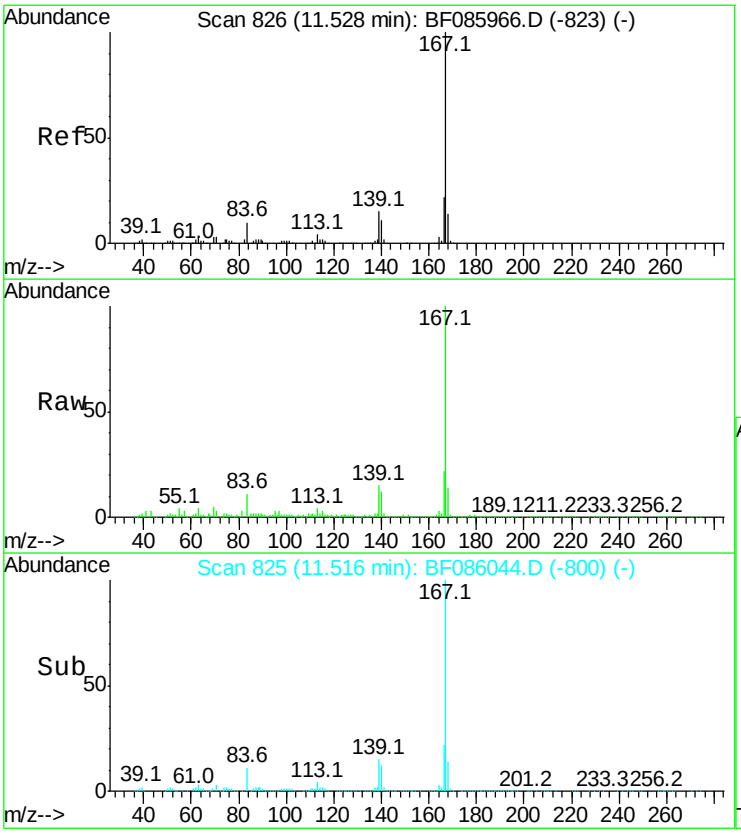
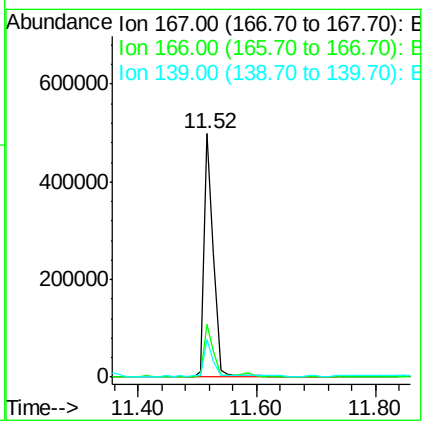
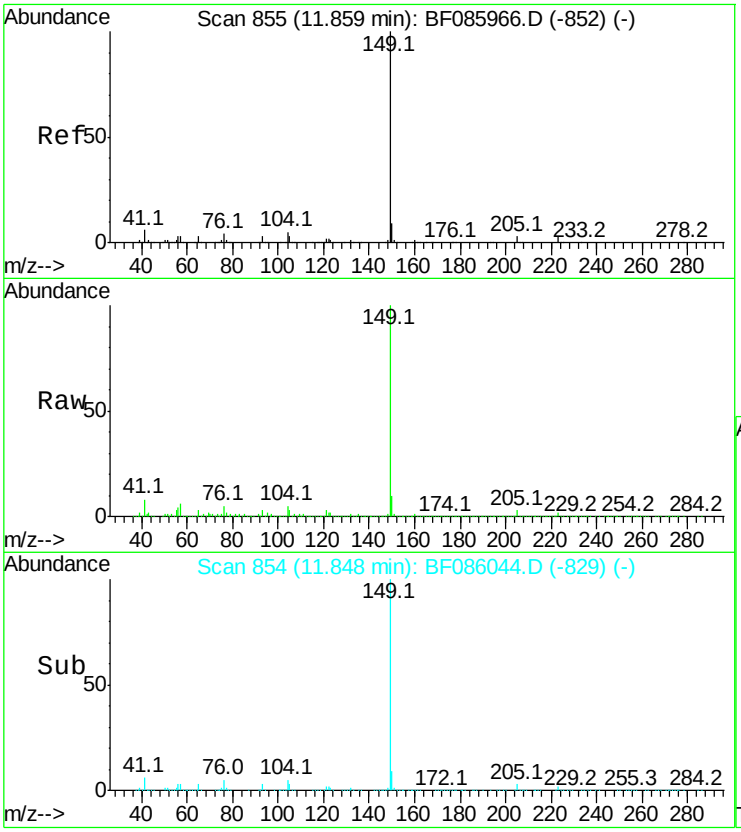


#72
Carbazole
Concen: 43.82 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:167 Resp: 548897

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.8
139	15.3	11.6	17.4

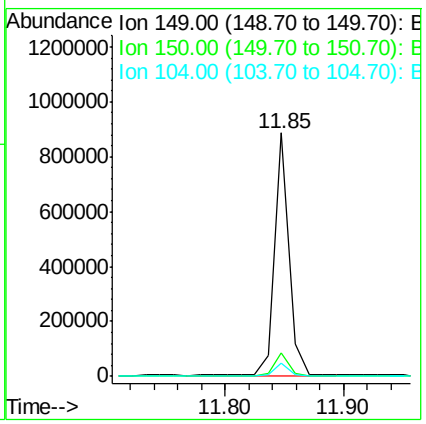




#73
Di-n-butylphthalate
Concen: 47.59 ng
RT: 11.85 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:149 Resp: 738615

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.2	3.8	5.8



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

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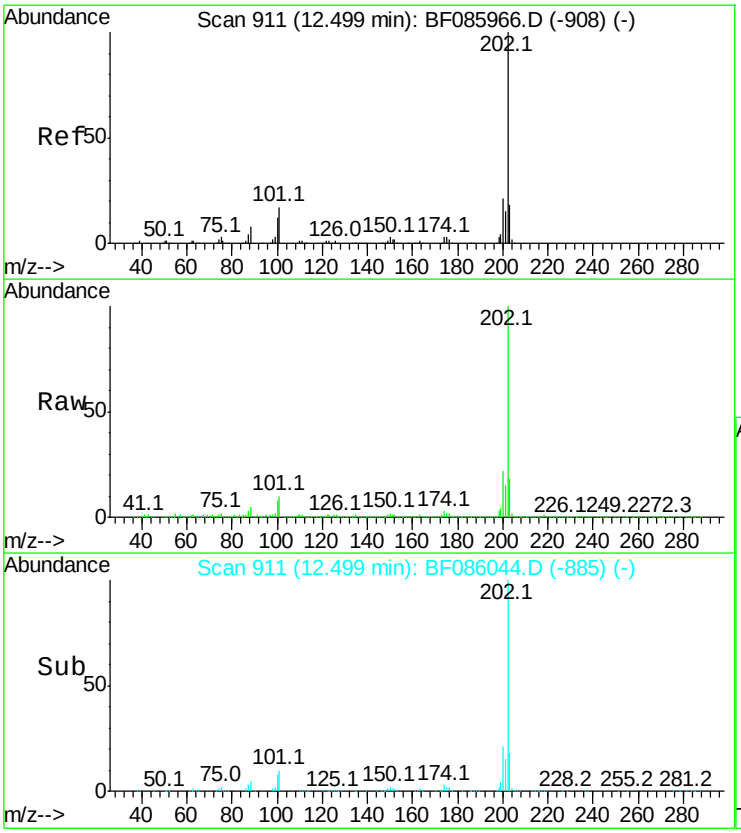
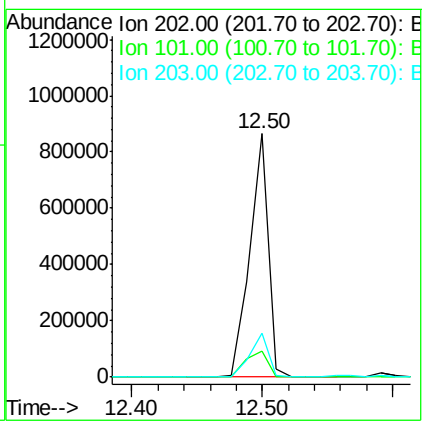
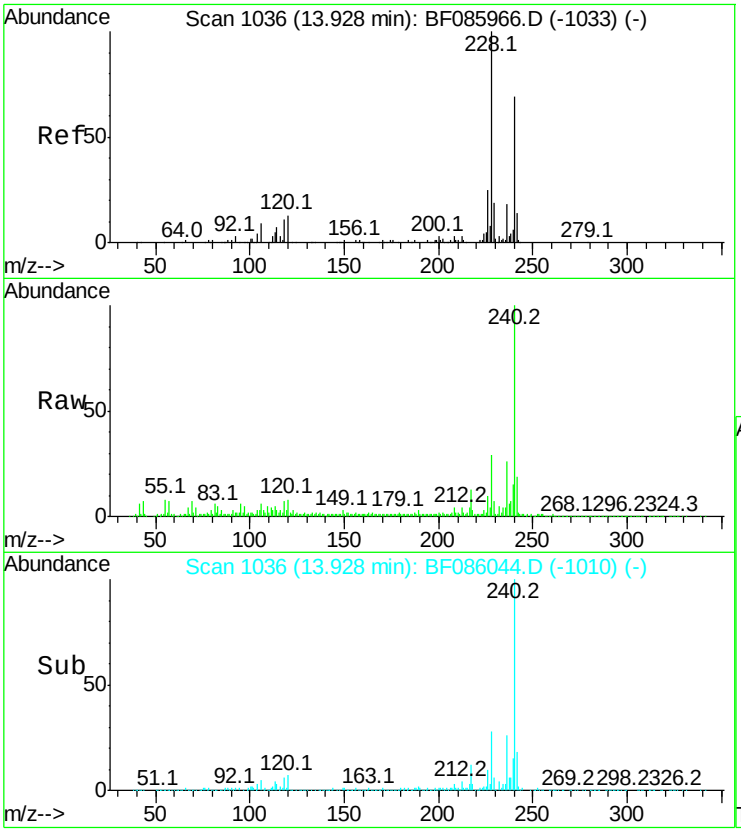


#74
Fluoranthene
Concen: 58.78 ng
RT: 12.50 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:202 Resp: 850462

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	36.6
203	18.0	0.0	38.1

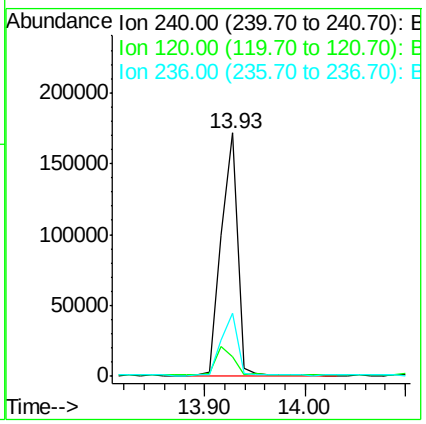




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:240 Resp: 193460

Ion	Ratio	Lower	Upper
240	100		
120	8.2	13.8	20.8#
236	26.0	20.6	30.8



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

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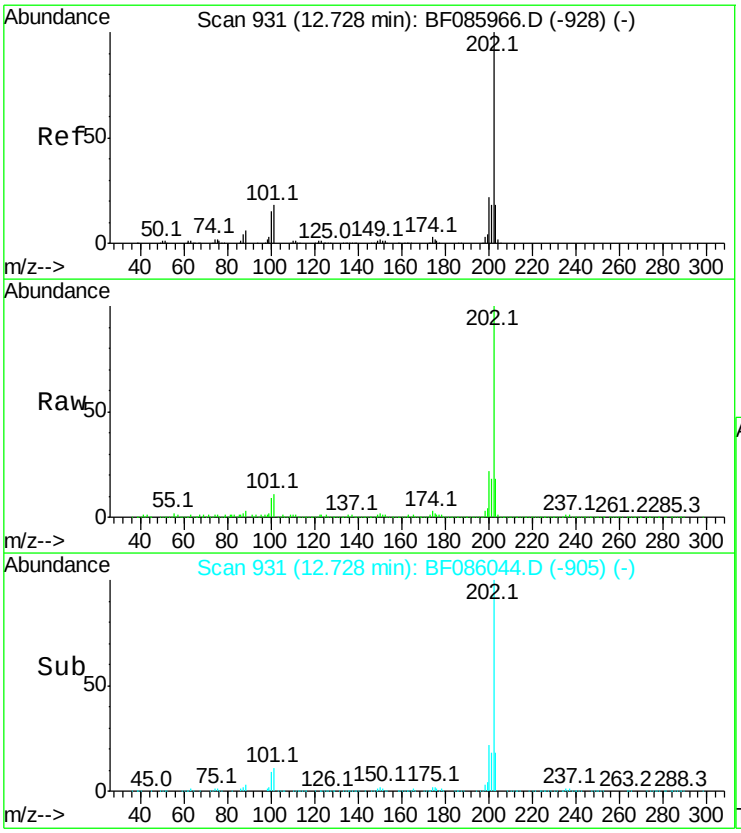
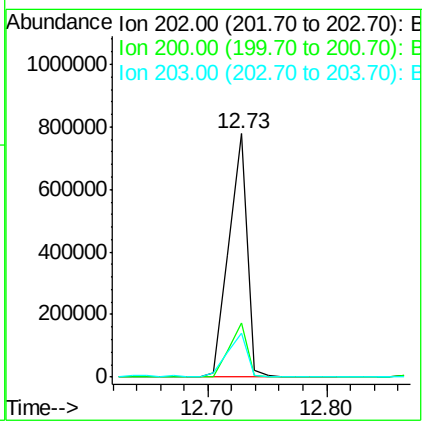
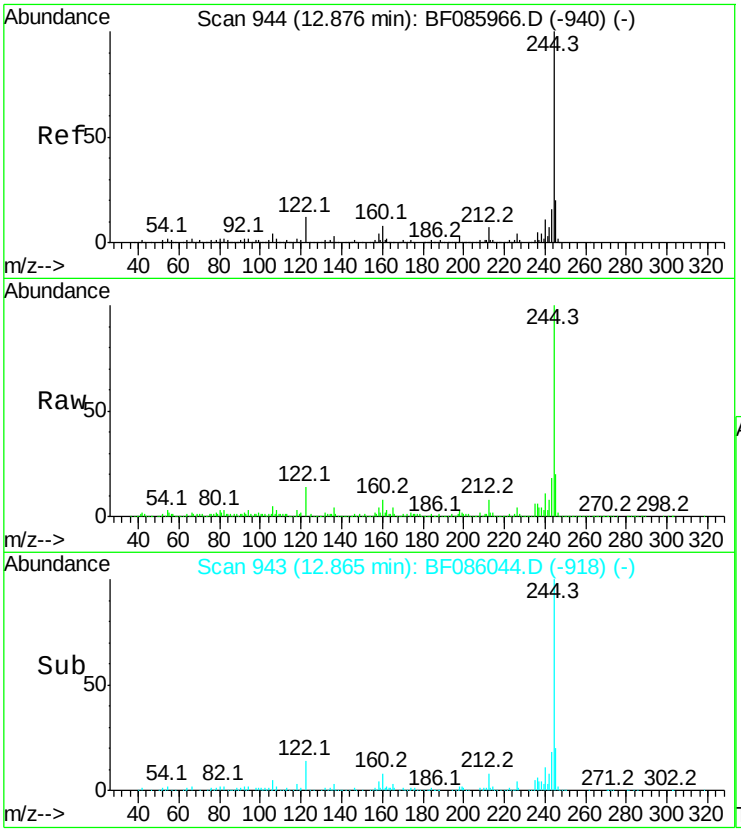


#77
Pyrene
Concen: 60.42 ng
RT: 12.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:202 Resp: 823762

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	17.8	14.0	21.0

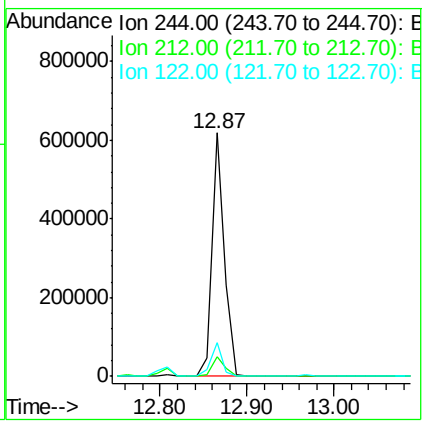




#78
Terphenyl-d14
Concen: 75.37 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:244 Resp: 620279

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.1	9.1
122	14.0	10.2	15.4



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

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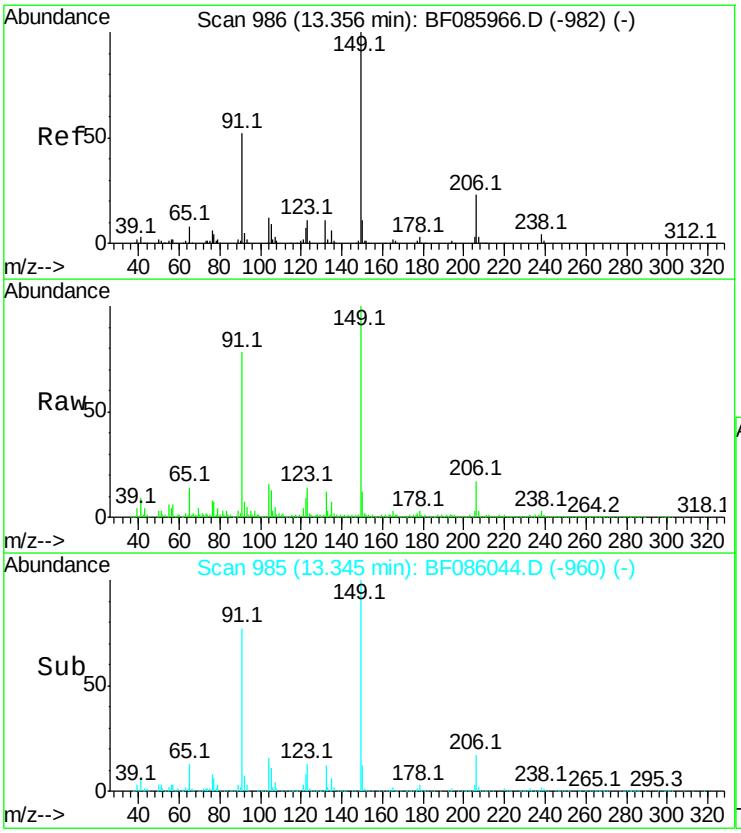
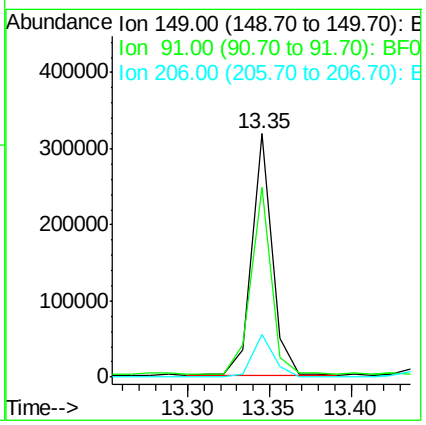
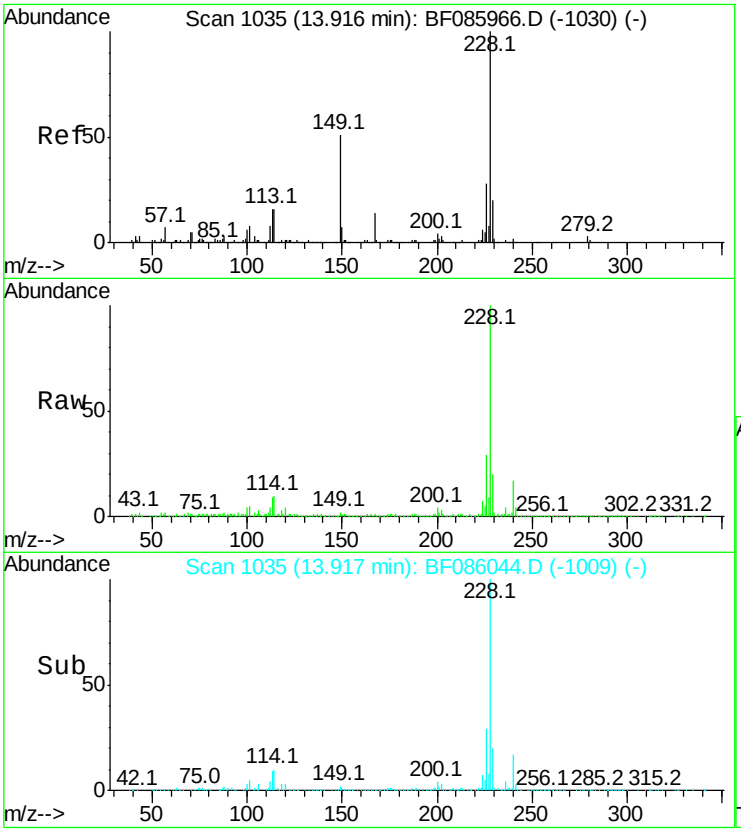


#79
Butylbenzylphthalate
Concen: 44.62 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:149 Resp: 273876

Ion	Ratio	Lower	Upper
149	100		
91	77.9	45.8	68.8#
206	17.3	17.8	26.8#

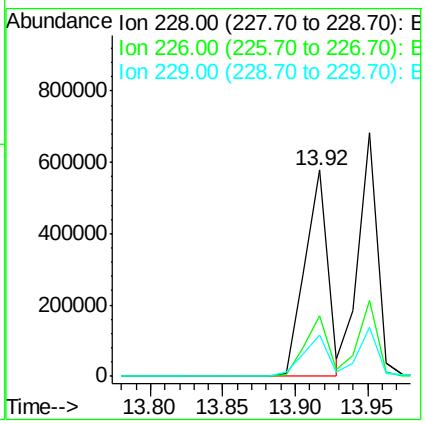




#80
Benzo(a)anthracene
Concen: 55.14 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:228 Resp: 628804

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.1	33.1
229	19.8	16.2	24.4



Instrument :
BNA_F
ClientSampleId :
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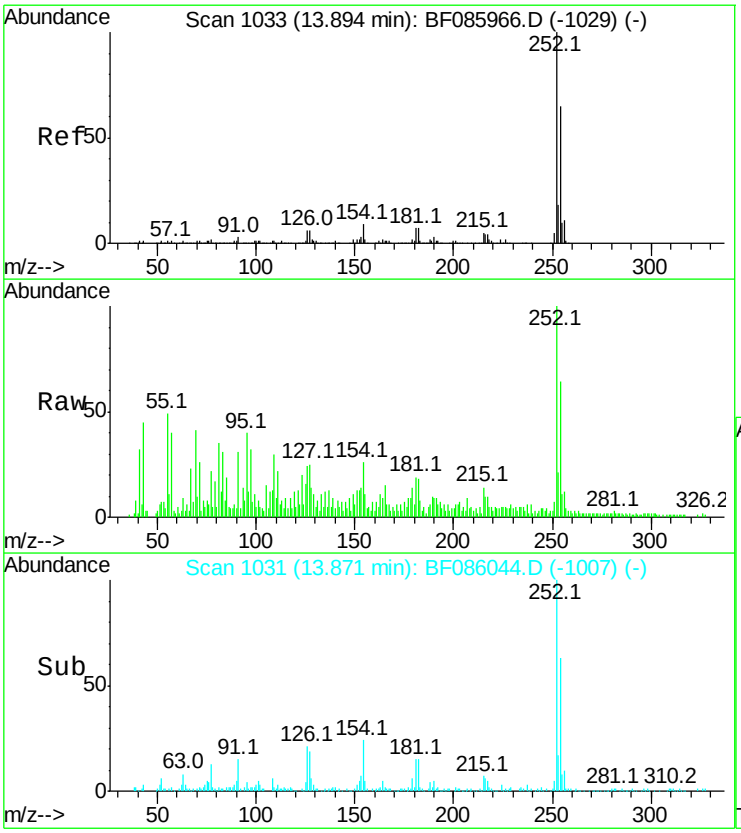
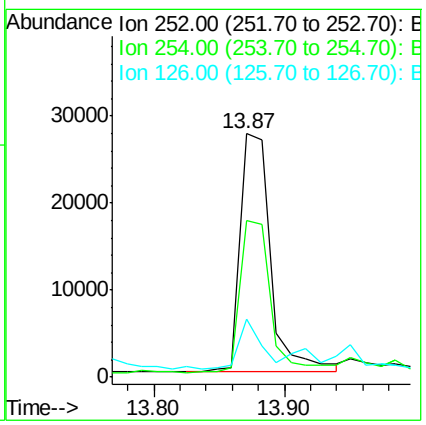
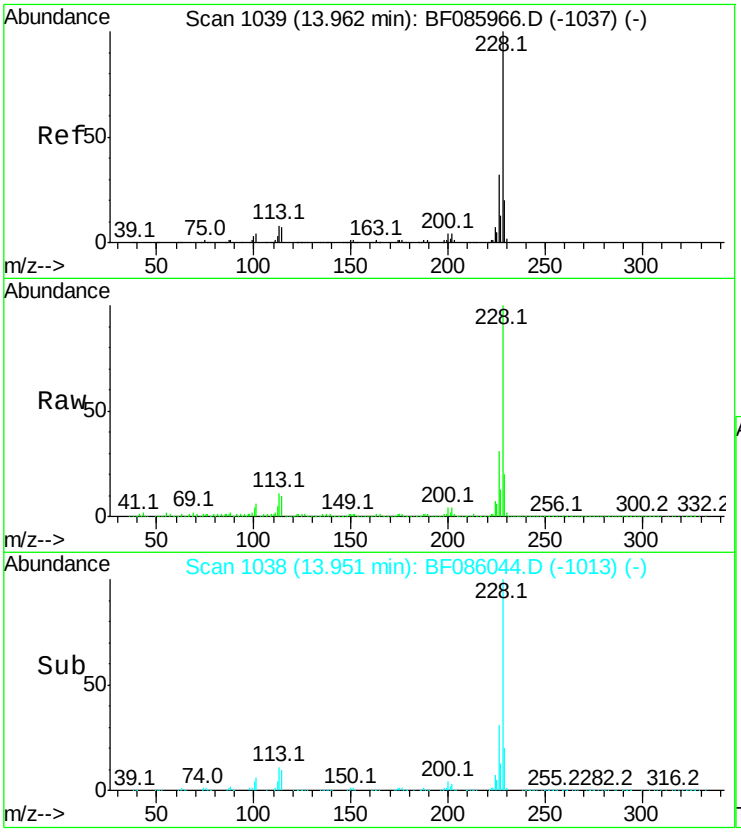


#81
3,3'-Dichlorobenzidine
Concen: 5.34 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:252 Resp: 44464

Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.7	76.1
126	23.8	11.8	17.6#





#82
Chrysene
Concen: 56.55 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:228 Resp: 621158

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.3	15.7	23.5

Instrument :
BNA_F
ClientSampleId :
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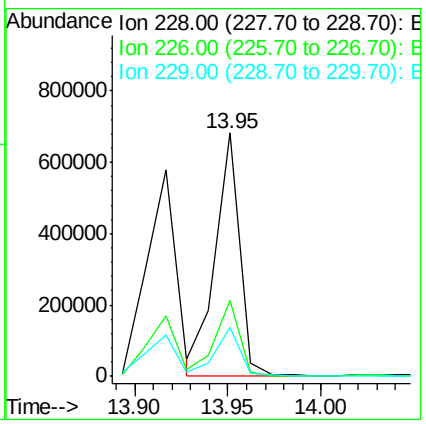
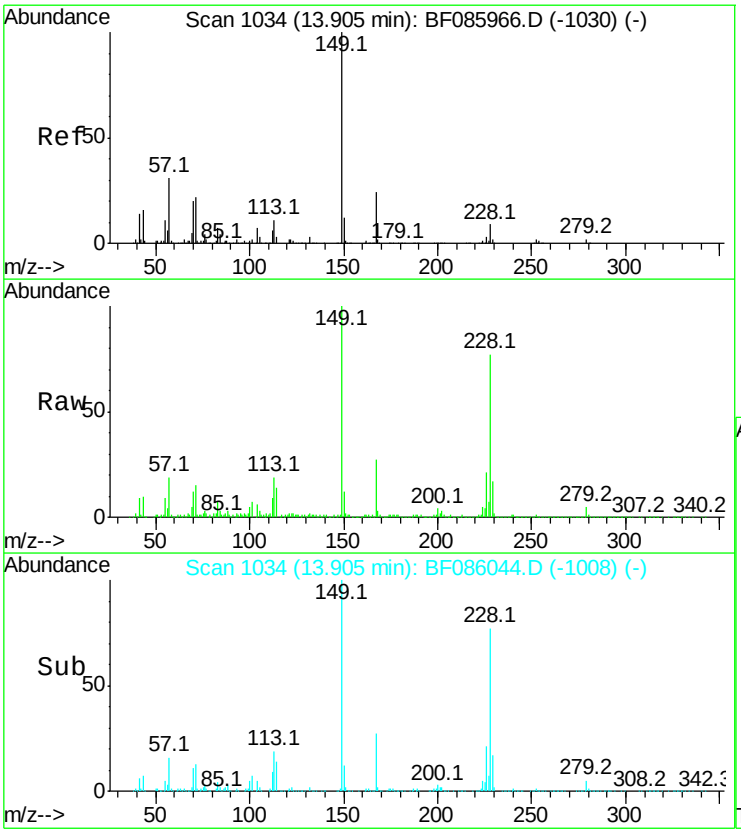
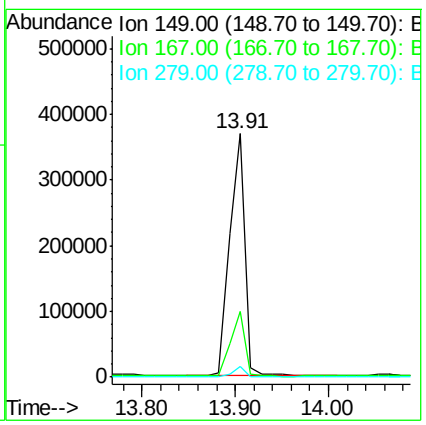


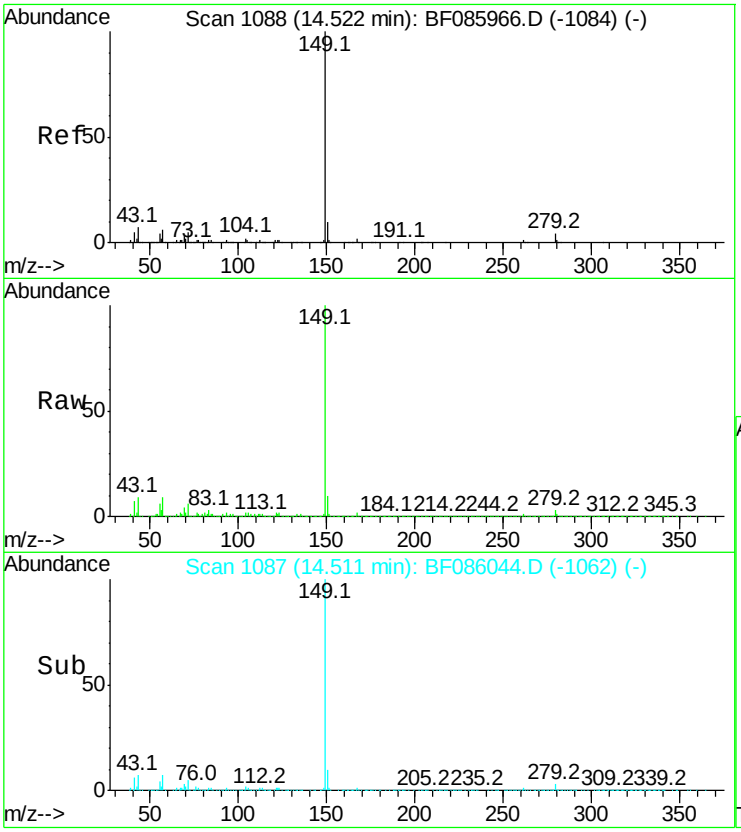


#83
Bis(2-ethylhexyl)phthalate
Concen: 50.71 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:149 Resp: 413183

Ion	Ratio	Lower	Upper
149	100		
167	27.1	19.4	29.2
279	4.6	1.5	2.3#

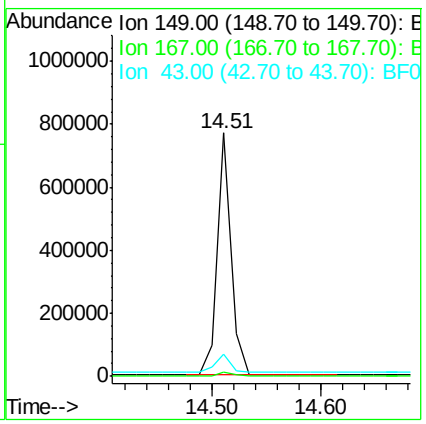




#84
Di-n-octyl phthalate
Concen: 53.07 ng
RT: 14.51 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:149 Resp: 690449

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.7	7.1	10.7



Instrument :
BNA_F
ClientSampleId :
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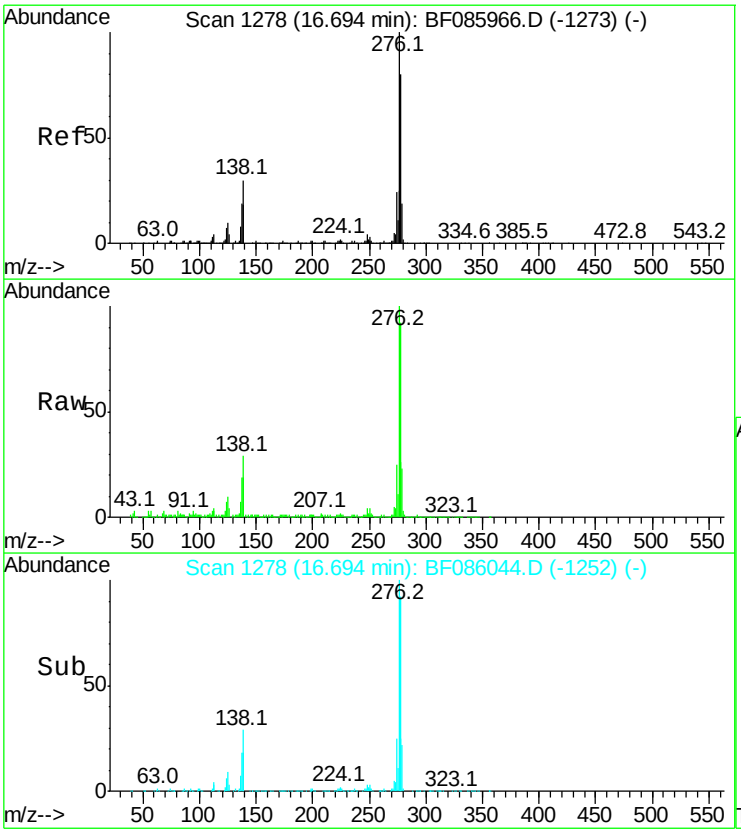
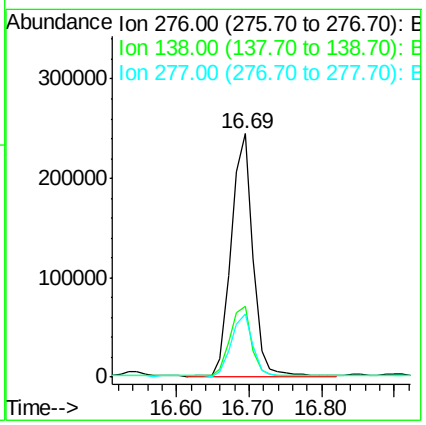
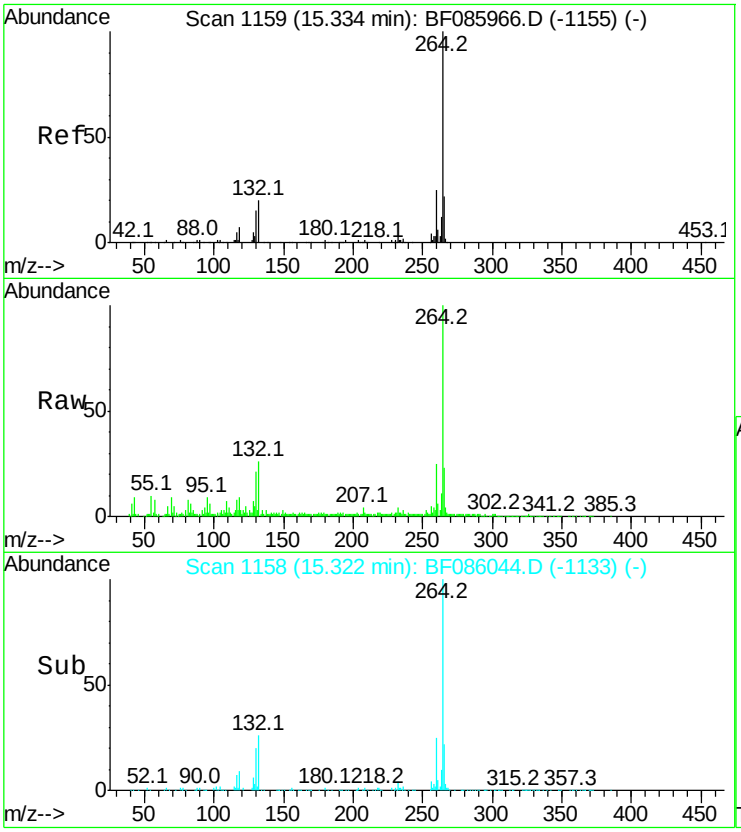


#85
Indeno(1,2,3-cd)pyrene
Concen: 56.62 ng
RT: 16.69 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:276 Resp: 504630

Ion	Ratio	Lower	Upper
276	100		
138	29.1	24.2	36.4
277	25.0	20.0	30.0

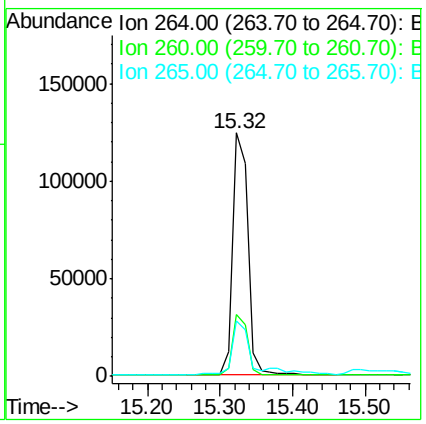




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:264 Resp: 181876

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.2
265	22.9	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MSD

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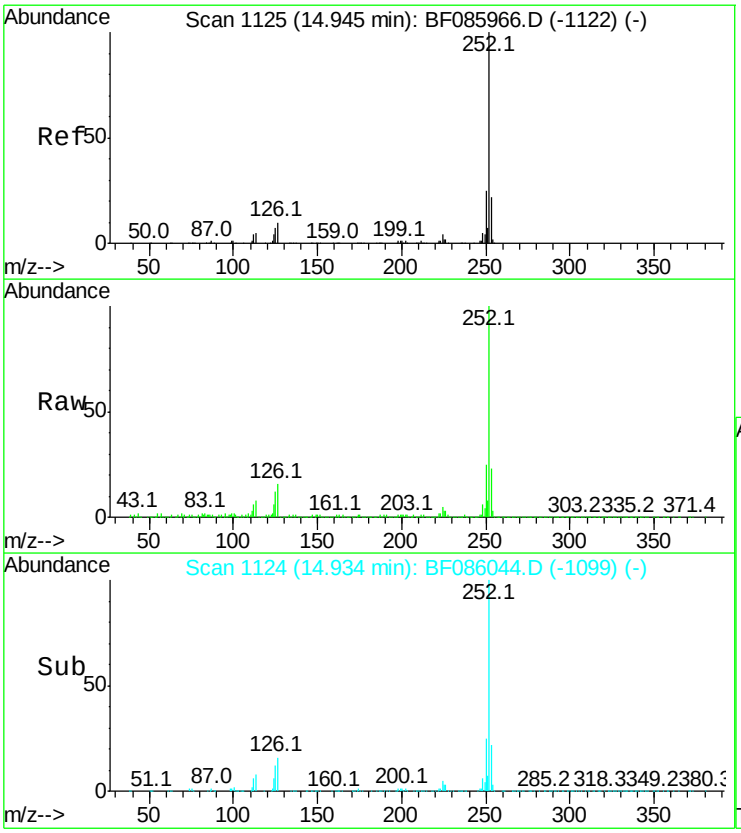
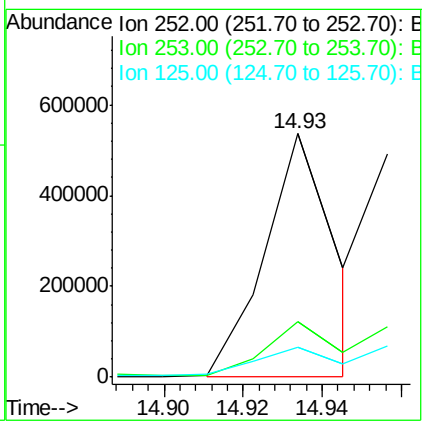
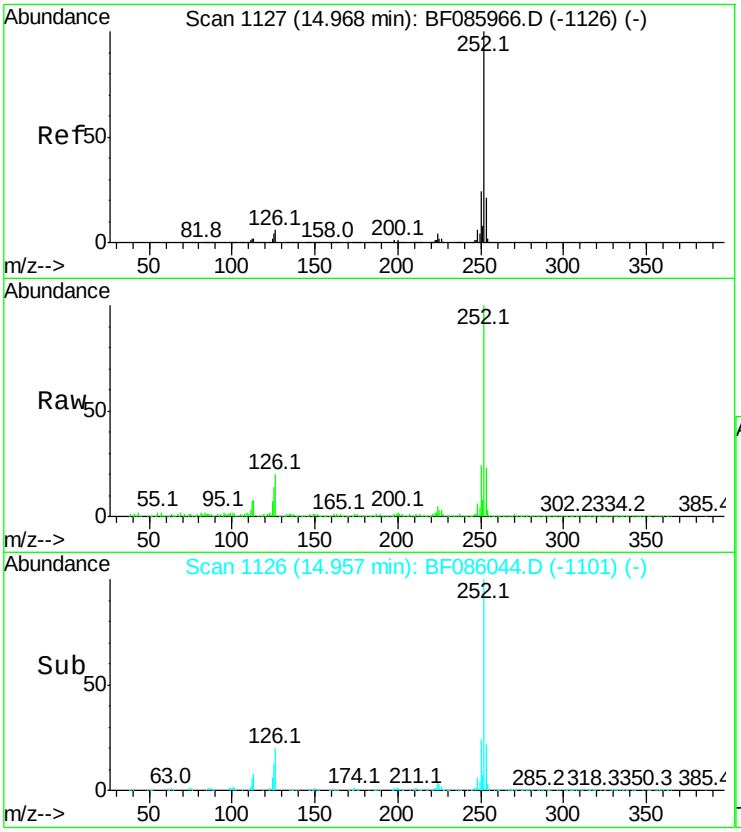


#87
Benzo(b)fluoranthene
Concen: 57.44 ng m
RT: 14.93 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:252 Resp: 657199

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	12.2	10.3	15.5

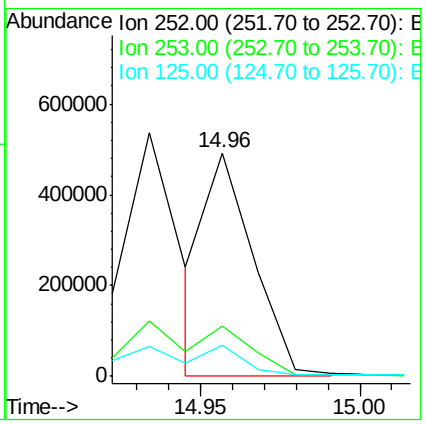




#88
Benzo(k)fluoranthene
Concen: 50.45 ng m
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:252 Resp: 511166

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	13.7	7.7	11.5#



Instrument :
BNA_F
ClientSampleId :
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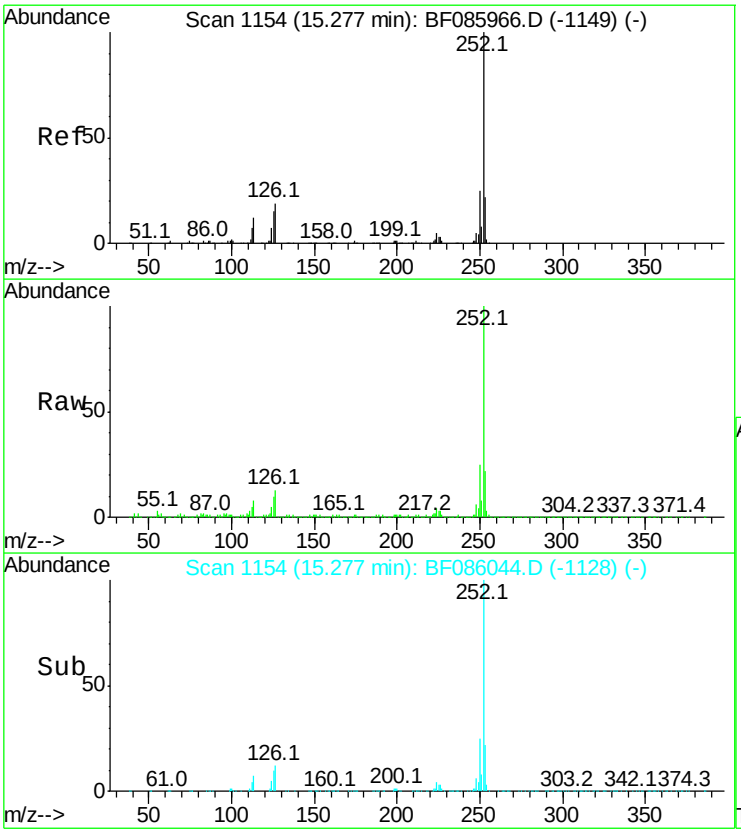
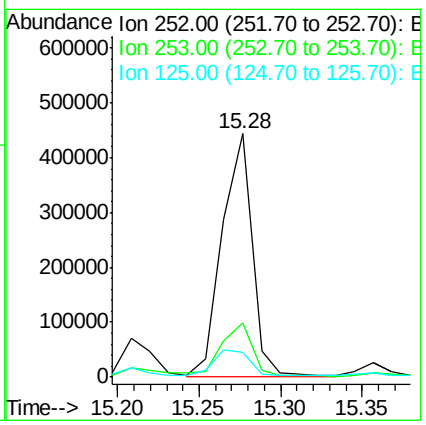
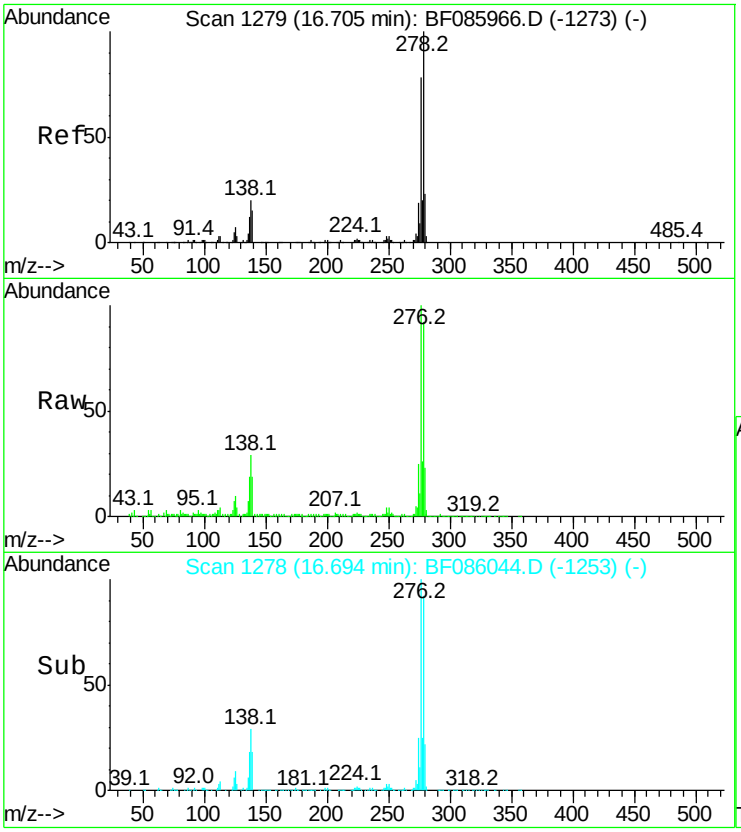


#89
Benzo(a)pyrene
Concen: 55.62 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:252 Resp: 563857

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	10.4	10.3	15.5

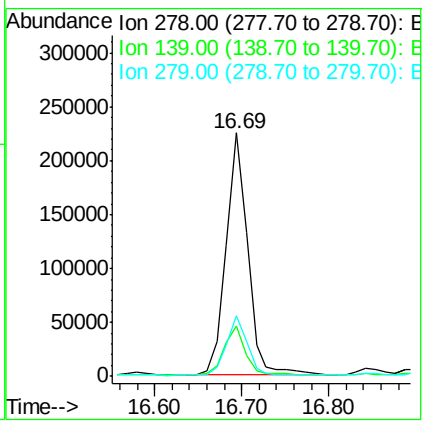




#90
Dibenzo(a,h)anthracene
Concen: 47.21 ng
RT: 16.69 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:278 Resp: 385014

Ion	Ratio	Lower	Upper
278	100		
139	20.5	14.4	21.6
279	24.8	19.1	28.7



Instrument :
BNA_F
ClientSampleId :
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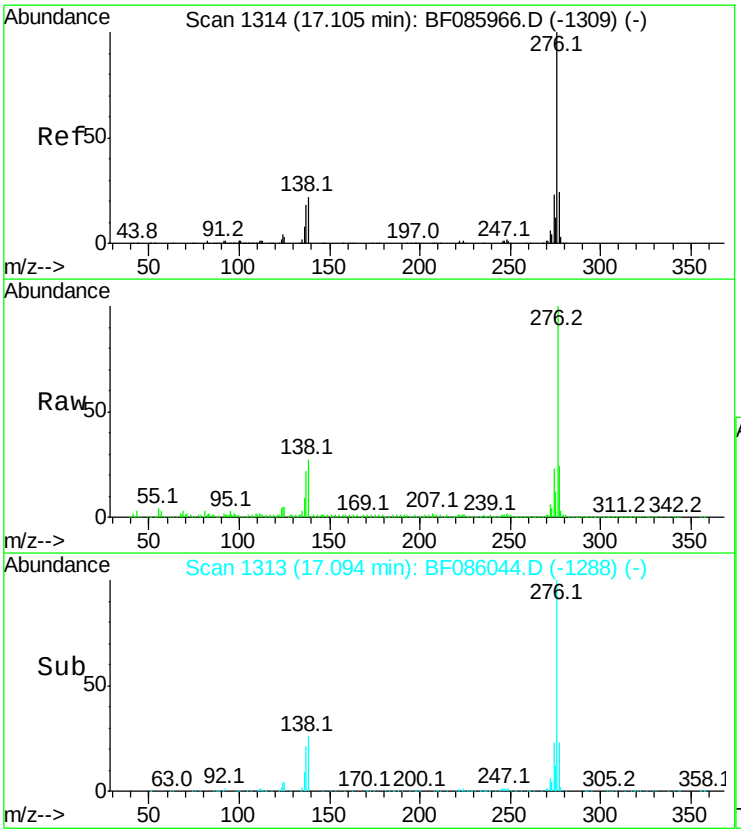

#91
Benzo(g,h,i)perylene
Concen: 51.80 ng
RT: 17.09 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF086044.D
Acq: 4 Apr 2016 18:04

Tgt Ion:276 Resp: 408847

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	26.8	22.6	34.0