Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085597.D
Acq On : 20 Mar 2016 4:48
Operator : UM/SJ
Sample : H1790-05MS
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

Manual Integrations APPROVED
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Quant Time: Mar 21 04:40:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	126016	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	492041	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	212182	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	344423	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	236359	20.00	ng		0.00
86) Perylene-d12	15.44	264	237405	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	970324	129.33	ng		0.02
7) Phenol-d6	6.49	99	1075356	111.76	ng		0.00
23) Nitrobenzene-d5	7.42	82	763093	90.02	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	285061	137.15	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1291366	113.05	ng		-0.01
78) Terphenyl-d14	12.96	244	980561	99.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	130879	35.89	ng	#	87
3) Pyridine	3.33	79	289579	32.34	ng		99
4) n-Nitrosodimethylamine	3.26	42	152900	40.90	ng		98
6) Aniline	6.52	93	191793	14.84	ng	#	80
8) 2-Chlorophenol	6.64	128	386018	44.48	ng		98
9) Benzaldehyde	6.40	77	52623	8.72	ng		98
10) Phenol	6.50	94	370341	33.79	ng		100
11) bis(2-Chloroethyl)ether	6.60	93	371801	45.00	ng		99
12) 1,3-Dichlorobenzene	6.79	146	368895m	39.00	ng		
13) 1,4-Dichlorobenzene	6.87	146	377473	39.13	ng		98
14) 1,2-Dichlorobenzene	7.03	146	349152	40.76	ng		97
15) Benzyl Alcohol	7.00	79	292873	44.44	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	434373	39.98	ng		97
17) 2-Methylphenol	7.11	107	305852	42.51	ng		99
18) Hexachloroethane	7.36	117	136898	39.30	ng	#	79
19) n-Nitroso-di-n-propylamine	7.27	70	229267	39.89	ng		92
20) 3+4-Methylphenols	7.27	107	354690	42.57	ng		95
22) Acetophenone	7.27	105	480887	41.18	ng	#	95
24) Nitrobenzene	7.44	77	422344	45.52	ng		93
25) Isophorone	7.68	82	742225	43.73	ng		95
26) 2-Nitrophenol	7.76	139	201352	43.91	ng	#	89
27) 2,4-Dimethylphenol	7.80	122	334377	41.23	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	433621	44.92	ng		99
29) 2,4-Dichlorophenol	8.00	162	310343	46.34	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	312763	41.70	ng		97
31) Naphthalene	8.16	128	1122402	45.19	ng		100
32) Benzoic acid	7.92	122	201557	29.73	ng		97
33) 4-Chloroaniline	8.21	127	73230	7.19	ng	#	94
34) Hexachlorobutadiene	8.28	225	160823	40.23	ng		98
35) Caprolactam	8.58	113	89489m	38.84	ng		
36) 4-Chloro-3-methylphenol	8.70	107	330103	42.21	ng		98
37) 2-Methylnaphthalene	8.85	142	717222	47.38	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	268969	41.79	ng		98
40) Hexachlorocyclopentadiene	9.01	237	148498	51.19	ng		99

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Quant Time: Mar 21 04:40:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	205973	46.75	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	214505	47.84	ng	#	92
45) 1,1'-Biphenyl	9.32	154	738473	40.34	ng		99
46) 2-Chloronaphthalene	9.34	162	574380	42.96	ng	#	92
47) 2-Nitroaniline	9.44	65	210342	52.00	ng		88
48) Acenaphthylene	9.76	152	1012381	46.79	ng		99
49) Dimethylphthalate	9.62	163	787137	49.16	ng		100
50) 2,6-Dinitrotoluene	9.68	165	156817	46.39	ng		92
51) Acenaphthene	9.93	154	640917	47.20	ng		100
52) 3-Nitroaniline	9.84	138	80870	19.10	ng		84
53) 2,4-Dinitrophenol	9.96	184	67136	32.42	ng		91
54) Dibenzofuran	10.10	168	887556	53.68	ng		97
55) 4-Nitrophenol	10.01	139	204391	62.47	ng		91
56) 2,4-Dinitrotoluene	10.08	165	196881	44.49	ng	#	50
57) Fluorene	10.45	166	643528	46.70	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	154301	47.79	ng		99
59) Diethylphthalate	10.32	149	764648	48.03	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	315911	46.94	ng		91
61) 4-Nitroaniline	10.46	138	143357	34.35	ng		89
62) Azobenzene	10.60	77	767509	50.24	ng		94
64) 4,6-Dinitro-2-methylphenol	10.49	198	55429	25.15	ng		80
65) n-Nitrosodiphenylamine	10.55	169	544678	50.77	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	184184	53.53	ng	#	89
67) Hexachlorobenzene	11.00	284	184843	50.57	ng	#	86
68) Atrazine	11.09	200	191323	58.57	ng		95
69) Pentachlorophenol	11.19	266	176992	79.75	ng		99
70) Phenanthrene	11.41	178	890039	49.01	ng		99
71) Anthracene	11.45	178	858964	45.11	ng		99
72) Carbazole	11.61	167	781697	47.58	ng		98
73) Di-n-butylphthalate	11.95	149	1062861	51.67	ng		98
74) Fluoranthene	12.59	202	715087	37.61	ng		97
76) Benzidine	12.71	184	242899	30.56	ng		98
77) Pyrene	12.81	202	714981	42.13	ng		99
79) Butylbenzylphthalate	13.43	149	338174	41.80	ng	#	73
80) Benzo(a)anthracene	14.00	228	656171	47.82	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	112280	22.33	ng	#	97
82) Chrysene	14.04	228	511651	38.76	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	453043	45.08	ng	#	98
84) Di-n-octyl phthalate	14.61	149	827064	50.50	ng		99
85) Indeno(1,2,3-cd)pyrene	16.84	276	629350	57.05	ng		99
87) Benzo(b)fluoranthene	15.03	252	648981	41.90	ng		98
88) Benzo(k)fluoranthene	15.05	252	633144m	49.61	ng		
89) Benzo(a)pyrene	15.39	252	637932	48.58	ng	#	96
90) Dibenzo(a,h)anthracene	16.86	278	549370	50.16	ng		97
91) Benzo(g,h,i)perylene	17.26	276	488921	46.12	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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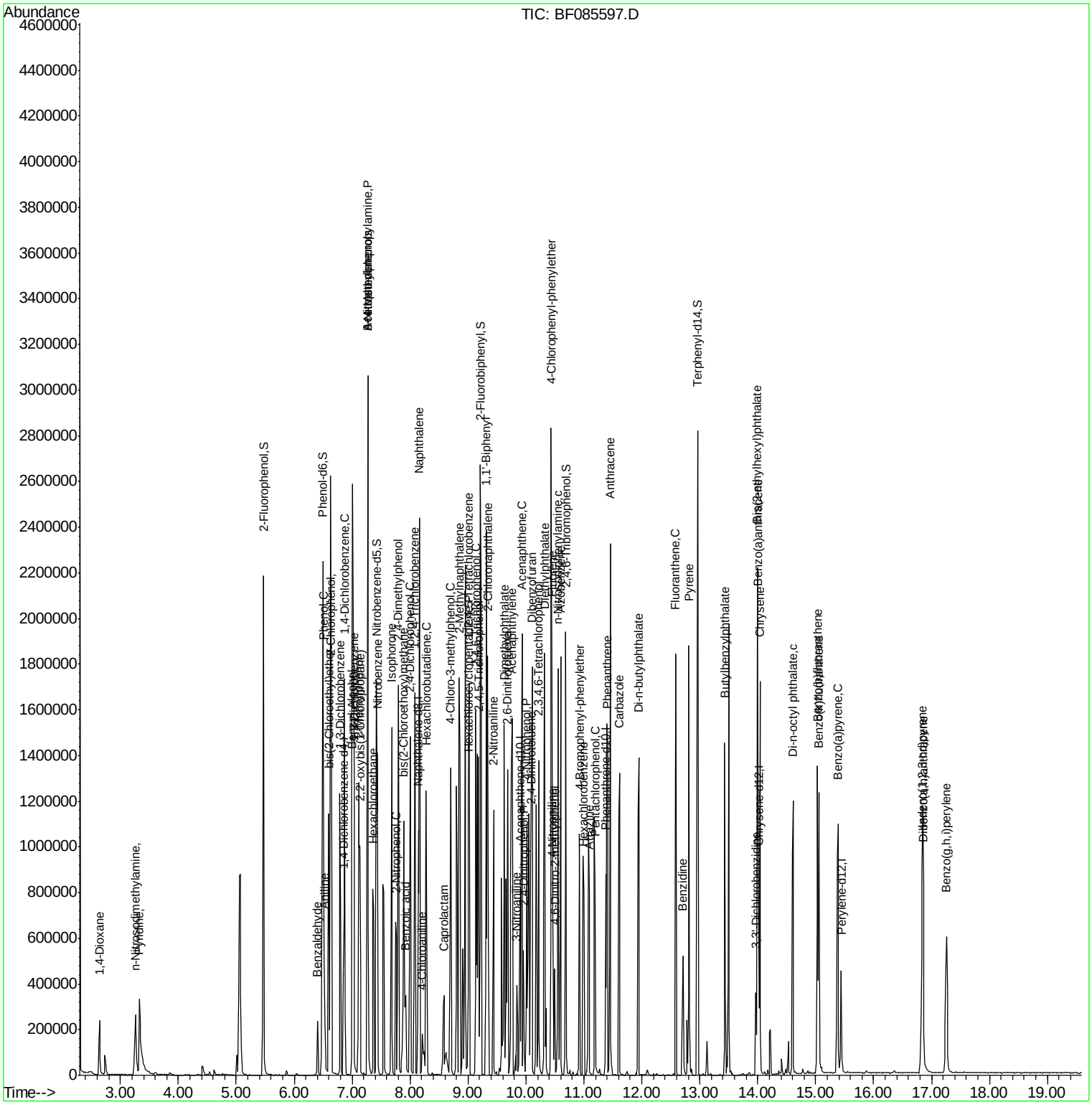
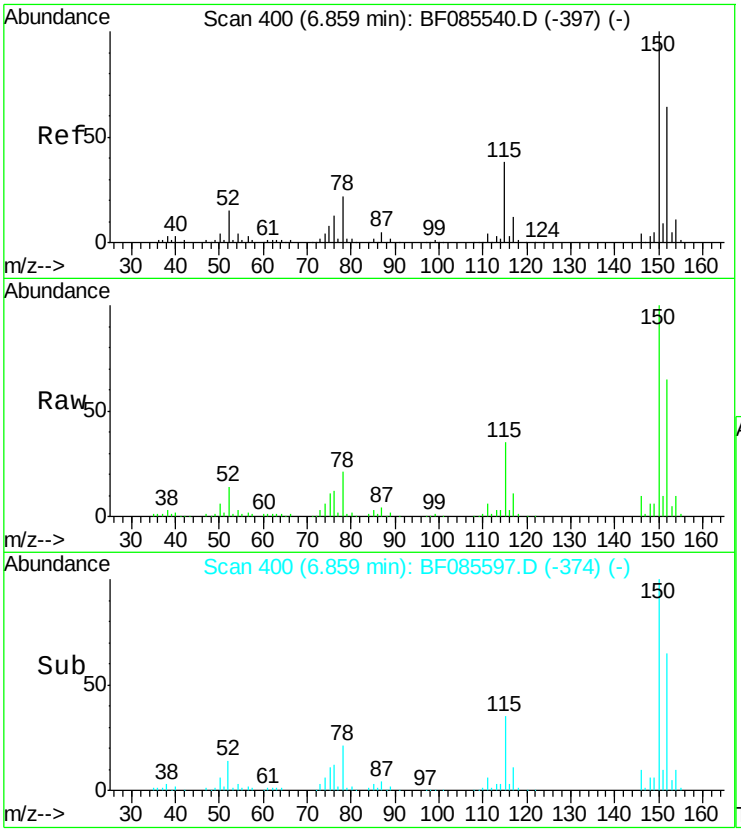
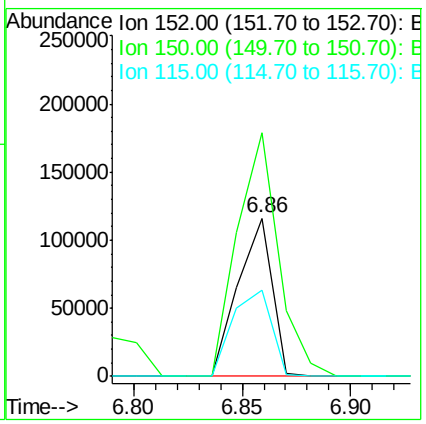




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:152 Resp: 126016

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.2	186.2
115	54.5	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

Manual Integrations APPROVED
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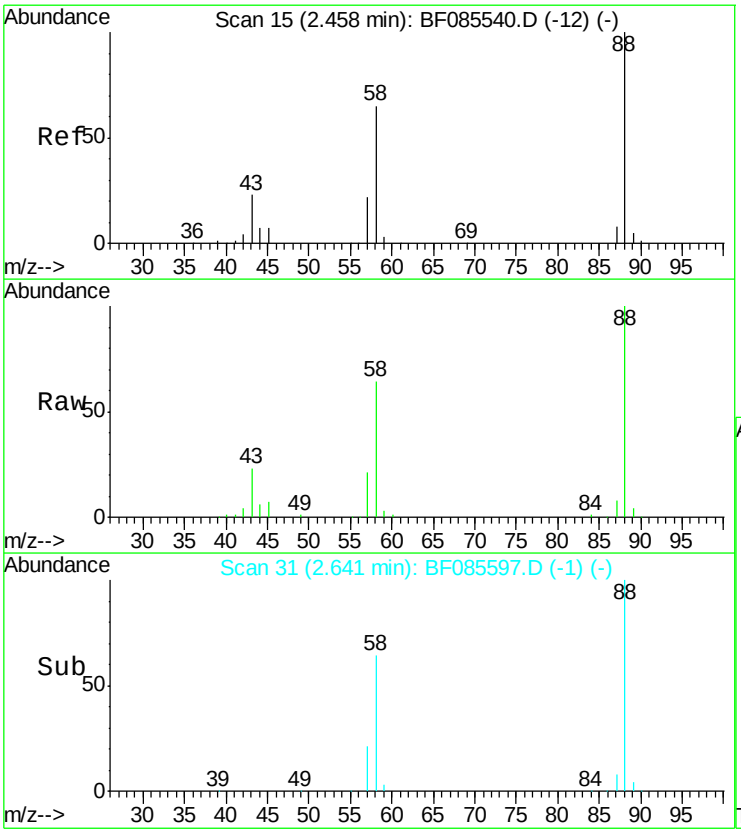
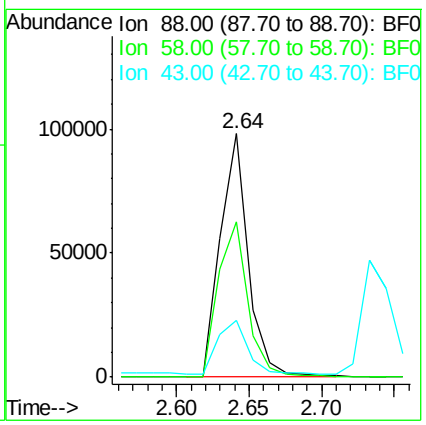
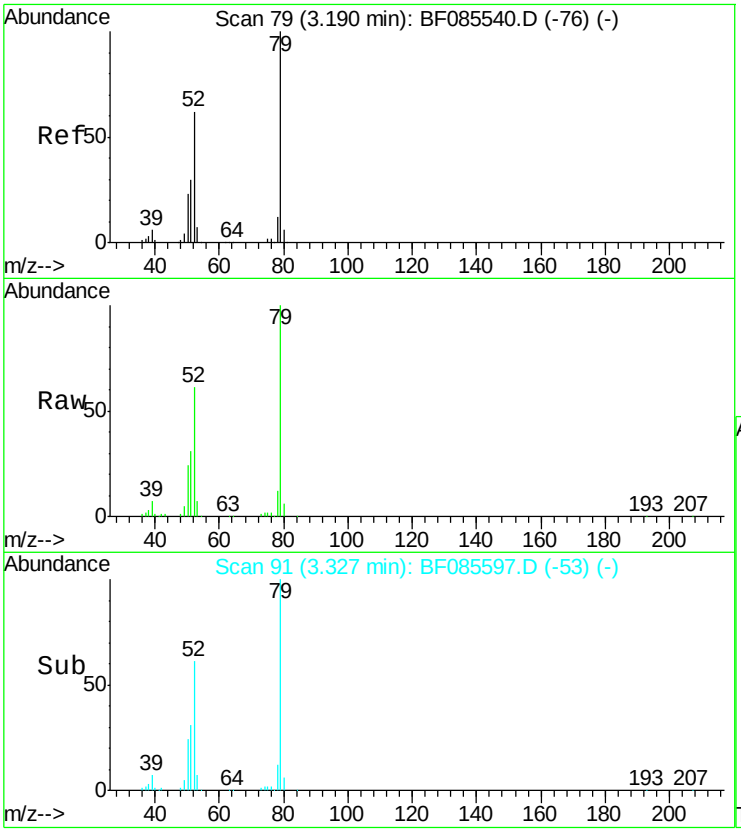


#2
1,4-Dioxane
Concen: 35.89 ng
RT: 2.64 min Scan# 31
Delta R.T. 0.18 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion: 88 Resp: 130879

Ion	Ratio	Lower	Upper
88	100		
58	67.9	54.2	81.2
43	0.0	19.3	28.9#

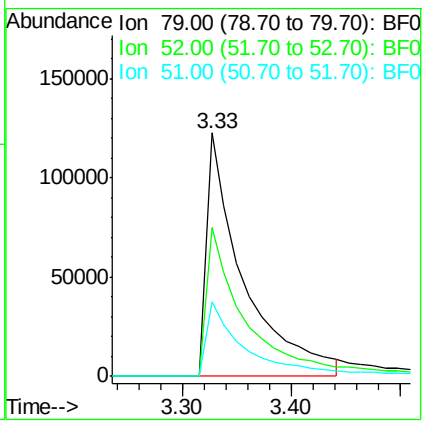




#3
Pyridine
Concen: 32.34 ng
RT: 3.33 min Scan# 91
Delta R.T. 0.14 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion: 79 Resp: 289579

Ion	Ratio	Lower	Upper
79	100		
52	61.1	49.8	74.6
51	30.5	24.7	37.1



Instrument :
BNA_F
ClientSampleId :
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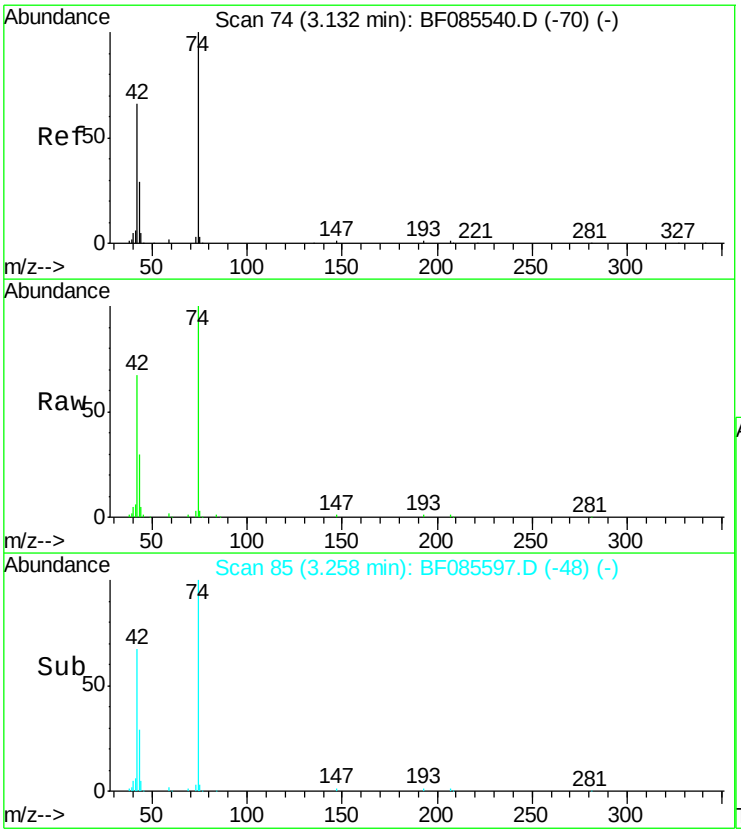
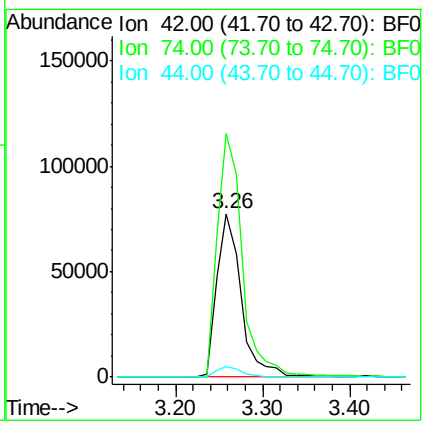
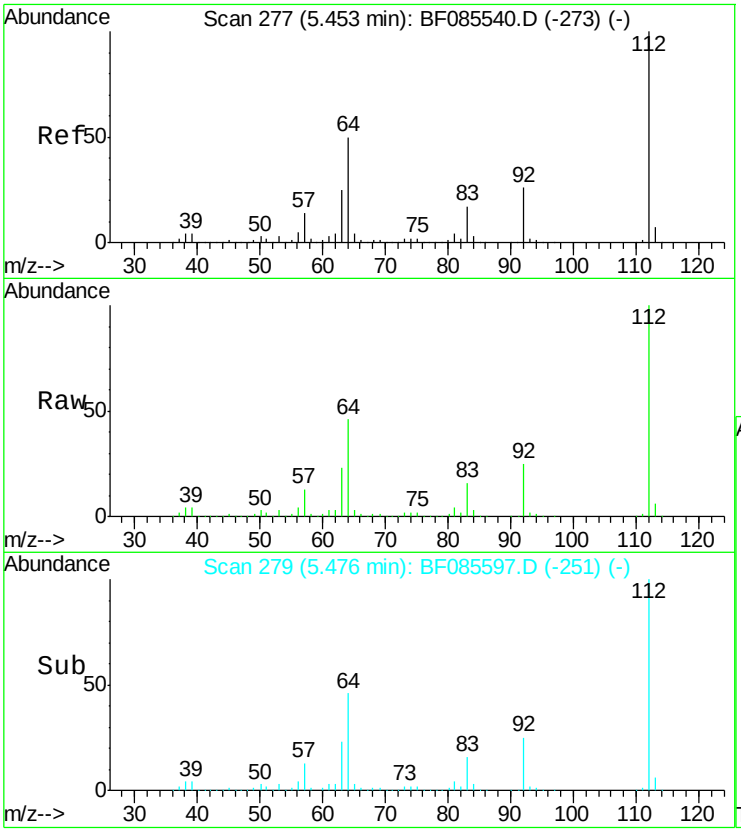


#4
n-Nitrosodimethylamine
Concen: 40.90 ng
RT: 3.26 min Scan# 85
Delta R.T. 0.13 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion: 42 Resp: 152900

Ion	Ratio	Lower	Upper
42	100		
74	148.9	121.4	182.2
44	6.7	5.6	8.4

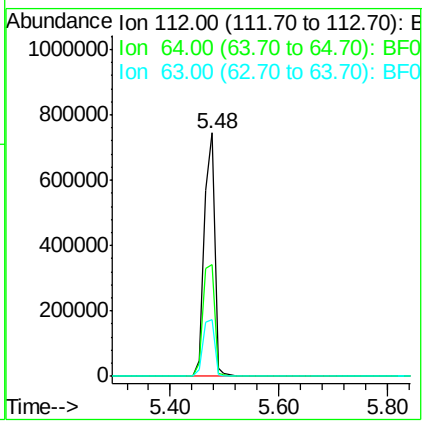




#5
2-Fluorophenol
Concen: 129.33 ng
RT: 5.48 min Scan# 279
Delta R.T. 0.02 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:112 Resp: 970324

Ion	Ratio	Lower	Upper
112	100		
64	46.0	39.9	59.9
63	23.1	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
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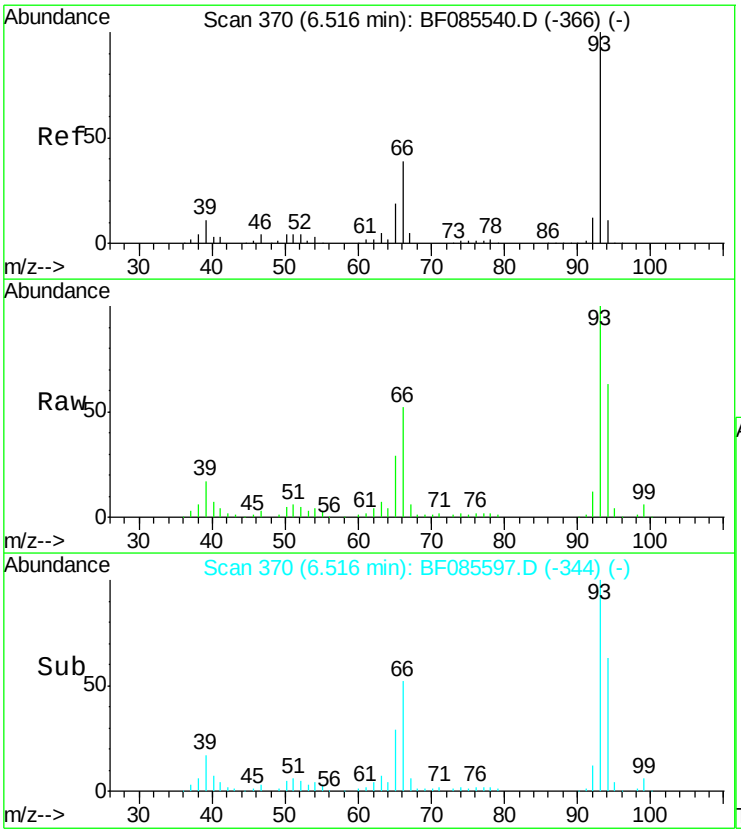
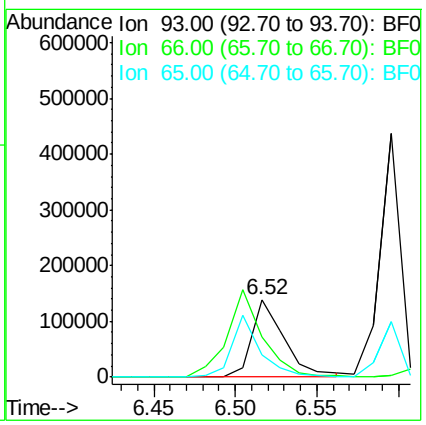
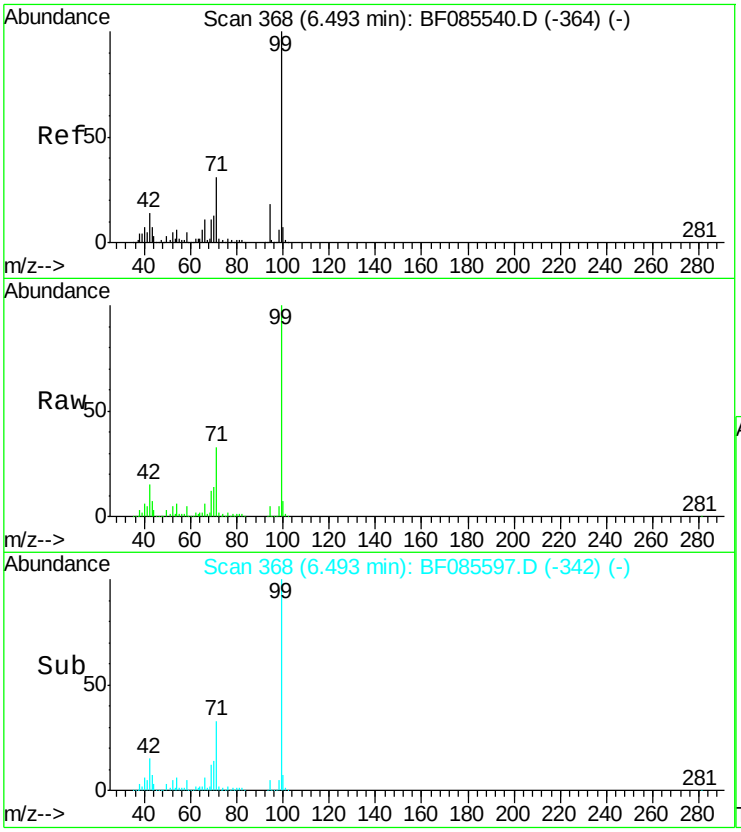


#6
Aniline
Concen: 14.84 ng
RT: 6.52 min Scan# 370
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion: 93 Resp: 191793

Ion	Ratio	Lower	Upper
93	100		
66	51.5	31.4	47.2#
65	29.0	15.7	23.5#

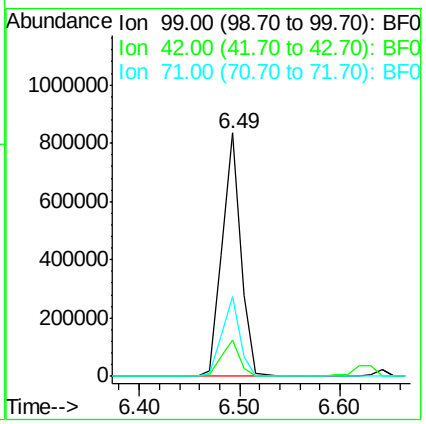




#7
Phenol-d6
Concen: 111.76 ng
RT: 6.49 min Scan# 368
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion: 99 Resp: 1075356

Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.1	16.7
71	32.7	24.9	37.3



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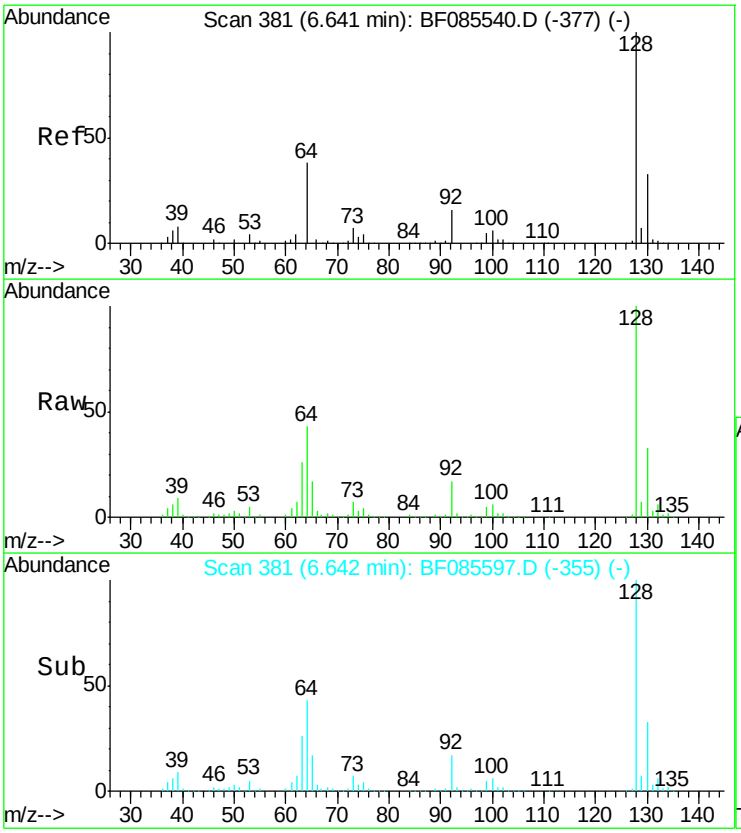
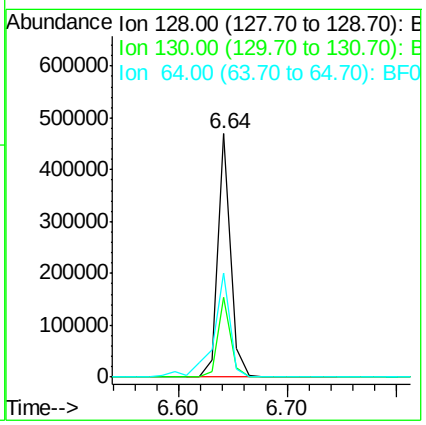
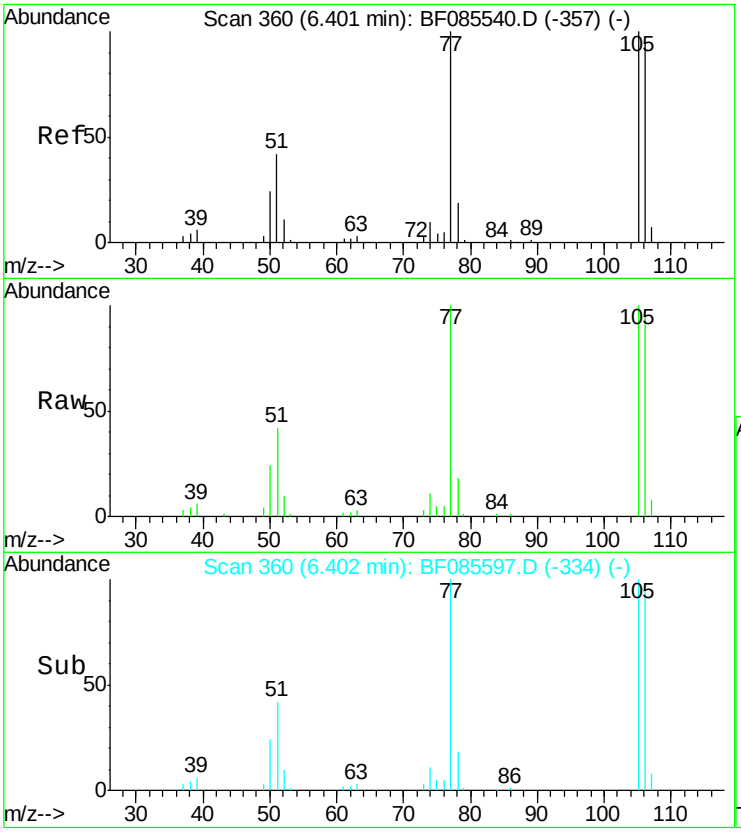


#8
2-Chlorophenol
Concen: 44.48 ng
RT: 6.64 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:128 Resp: 386018

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	42.6	20.2	60.2

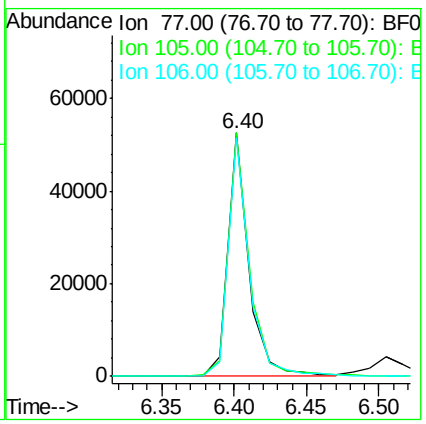




#9
Benzaldehyde
Concen: 8.72 ng
RT: 6.40 min Scan# 360
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion: 77 Resp: 52623

Ion	Ratio	Lower	Upper
77	100		
105	99.8	80.1	120.1
106	97.8	75.0	115.0



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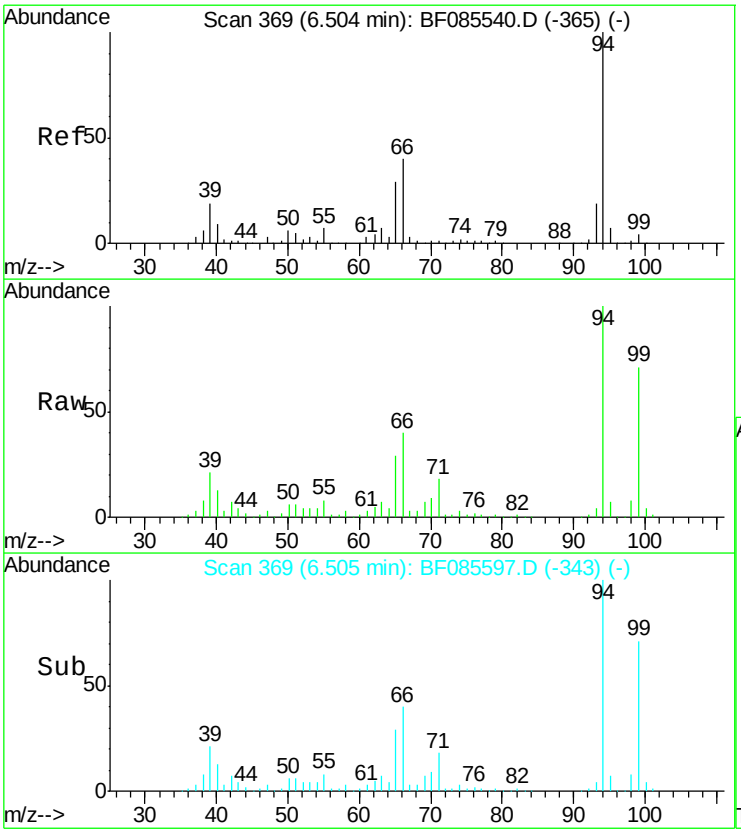
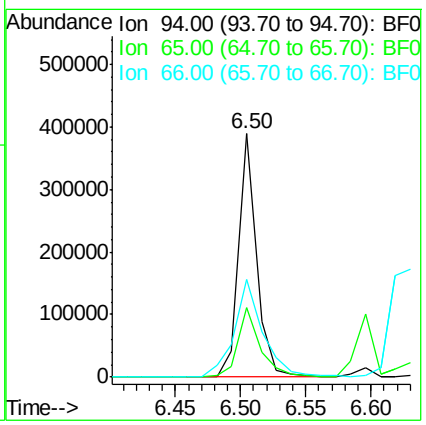
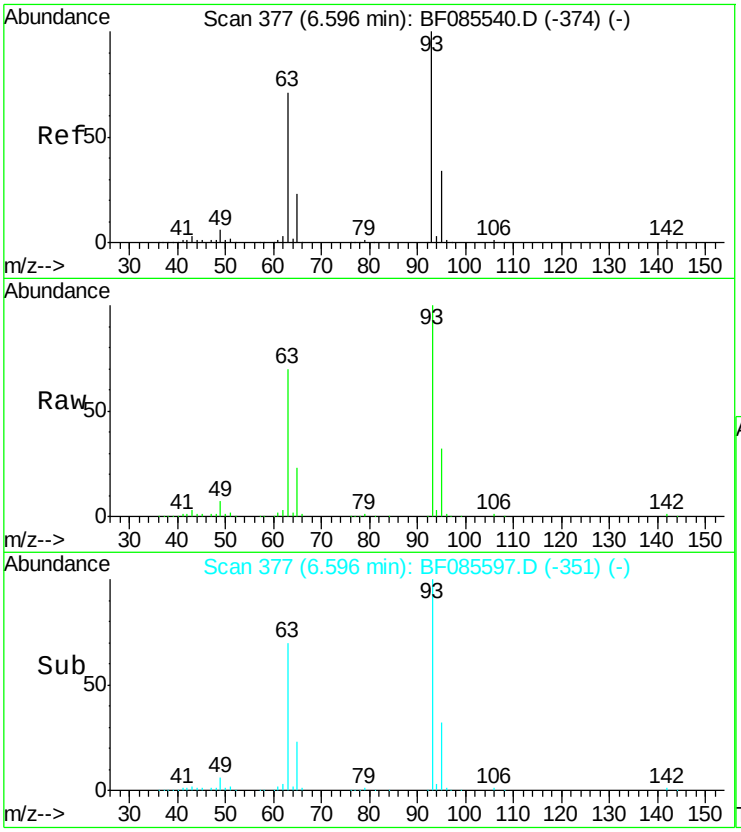


#10
Phenol
Concen: 33.79 ng
RT: 6.50 min Scan# 369
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion: 94 Resp: 370341

Ion	Ratio	Lower	Upper
94	100		
65	28.6	8.6	48.6
66	40.4	20.0	60.0

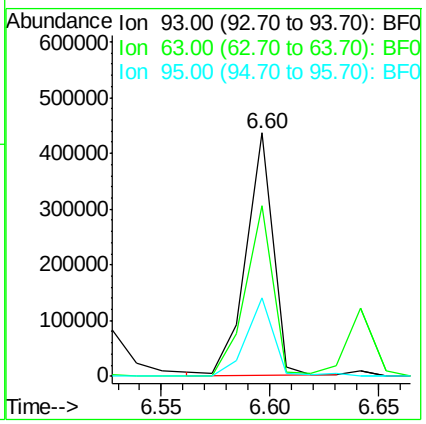




#11
bis(2-Chloroethyl)ether
Concen: 45.00 ng
RT: 6.60 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion: 93 Resp: 371801

Ion	Ratio	Lower	Upper
93	100		
63	70.1	50.9	90.9
95	32.1	13.3	53.3



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

Manual Integrations APPROVED
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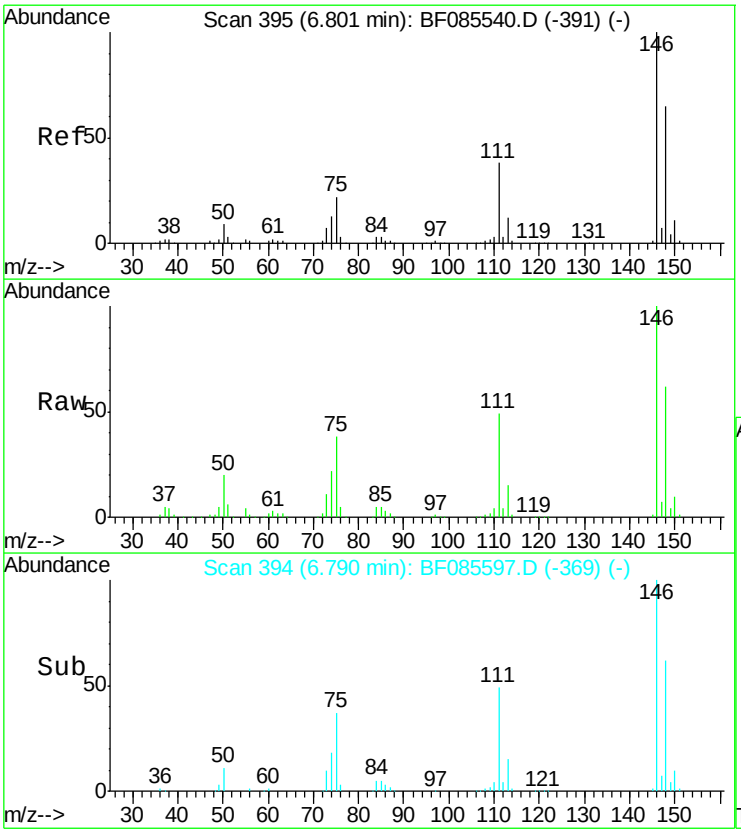
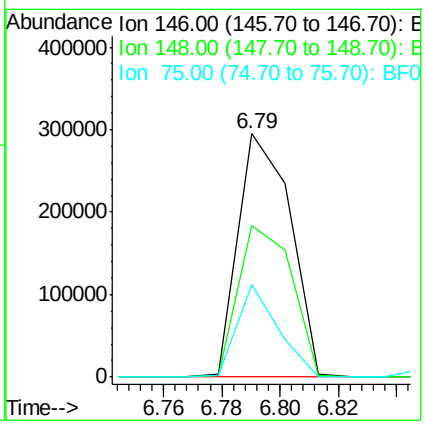
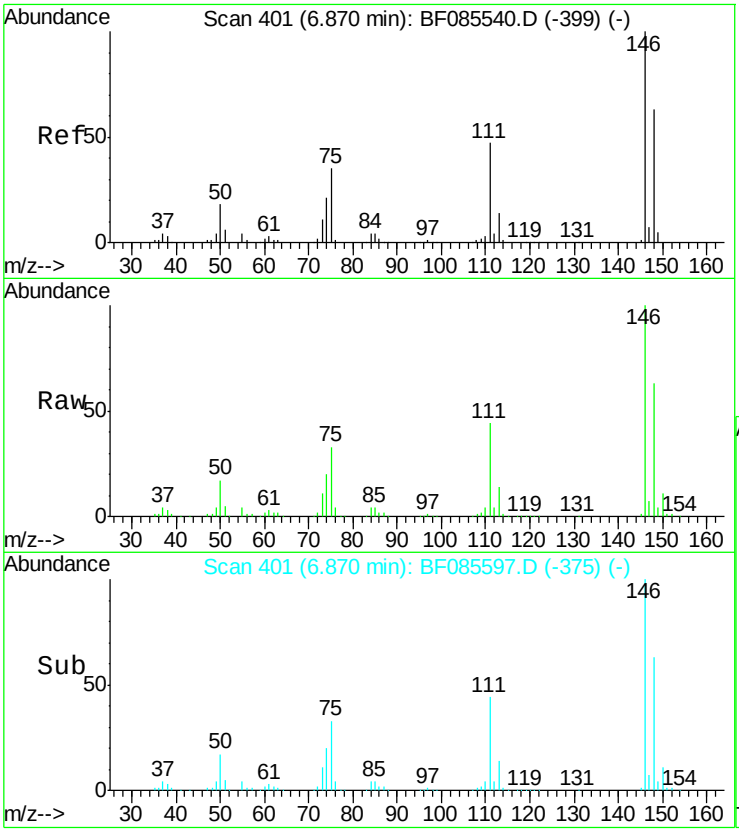


#12
1,3-Dichlorobenzene
Concen: 39.00 ng m
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:146 Resp: 368895

Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.3	78.5
75	38.2	17.4	26.2#

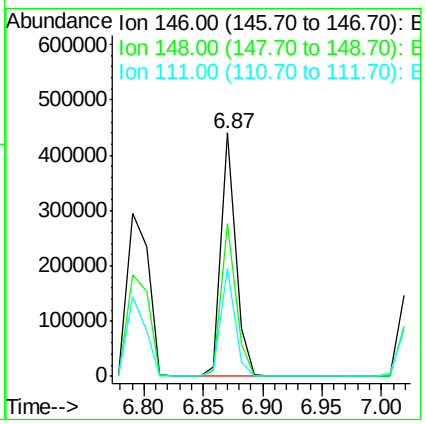




#13
1,4-Dichlorobenzene
Concen: 39.13 ng
RT: 6.87 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:146 Resp: 377473

Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.6	76.0
111	44.4	37.8	56.6



Instrument :
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ClientSampleId :
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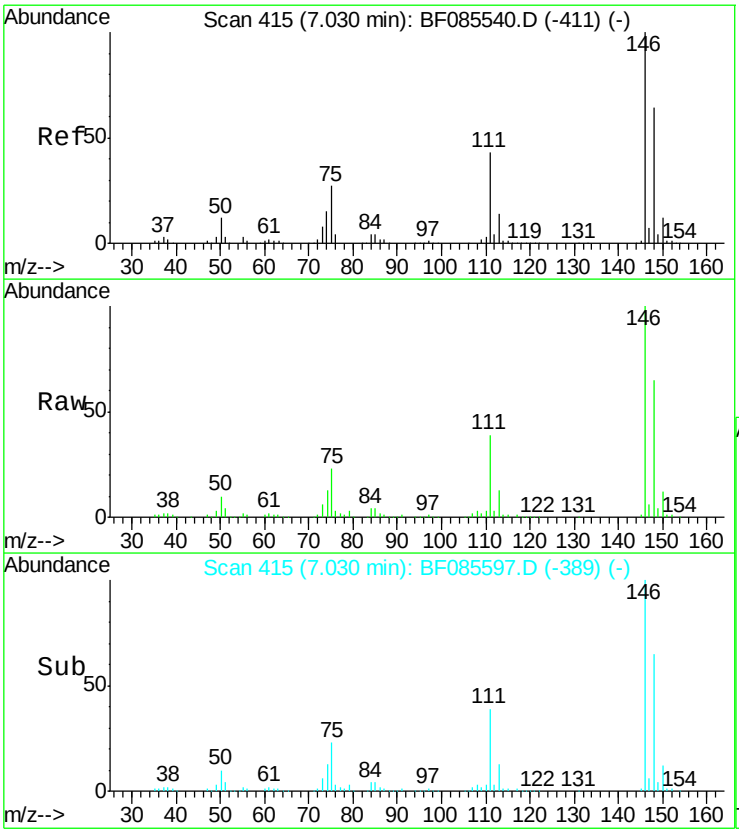
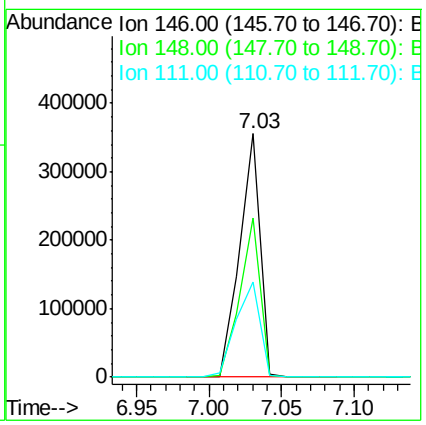
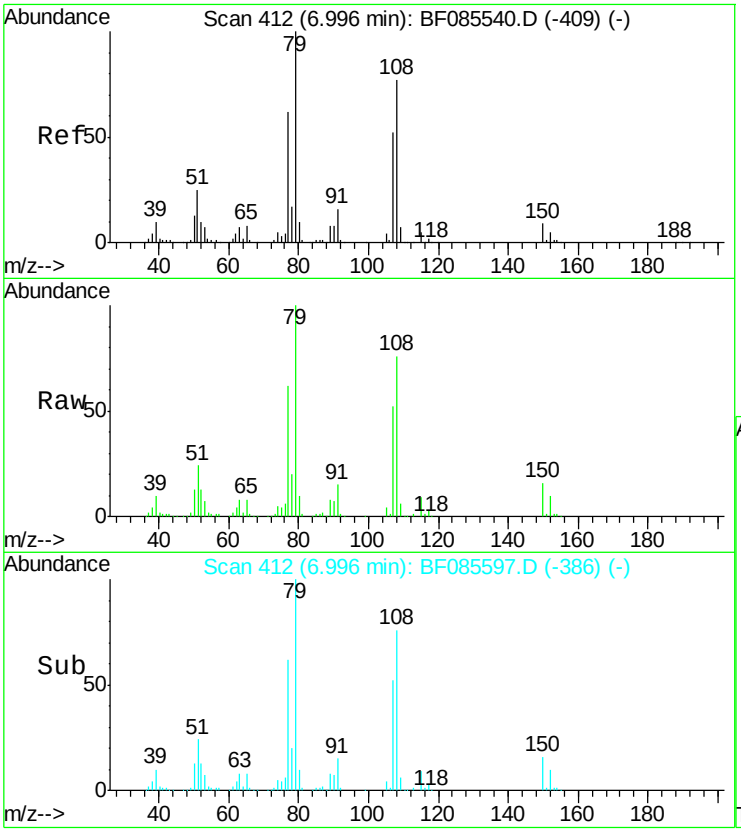


#14
1,2-Dichlorobenzene
Concen: 40.76 ng
RT: 7.03 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:146 Resp: 349152

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.2
111	39.2	34.6	52.0





#15
Benzyl Alcohol
Concen: 44.44 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion: 79 Resp: 292873

Ion	Ratio	Lower	Upper
79	100		
108	76.4	61.8	92.6
77	62.5	49.6	74.4

Instrument :
BNA_F
ClientSampleId :
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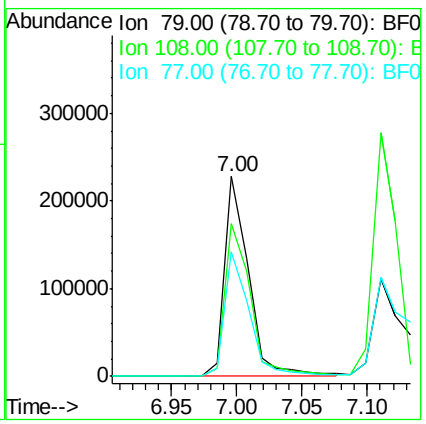
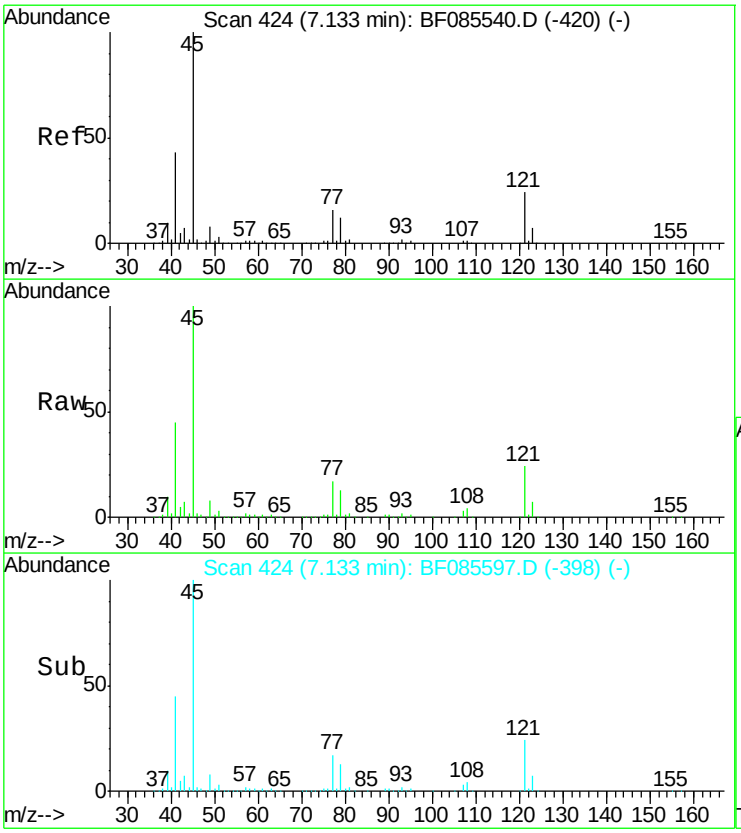
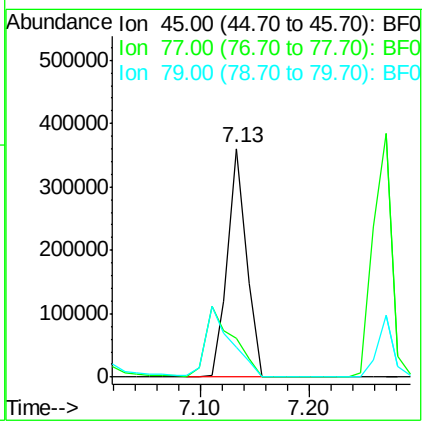


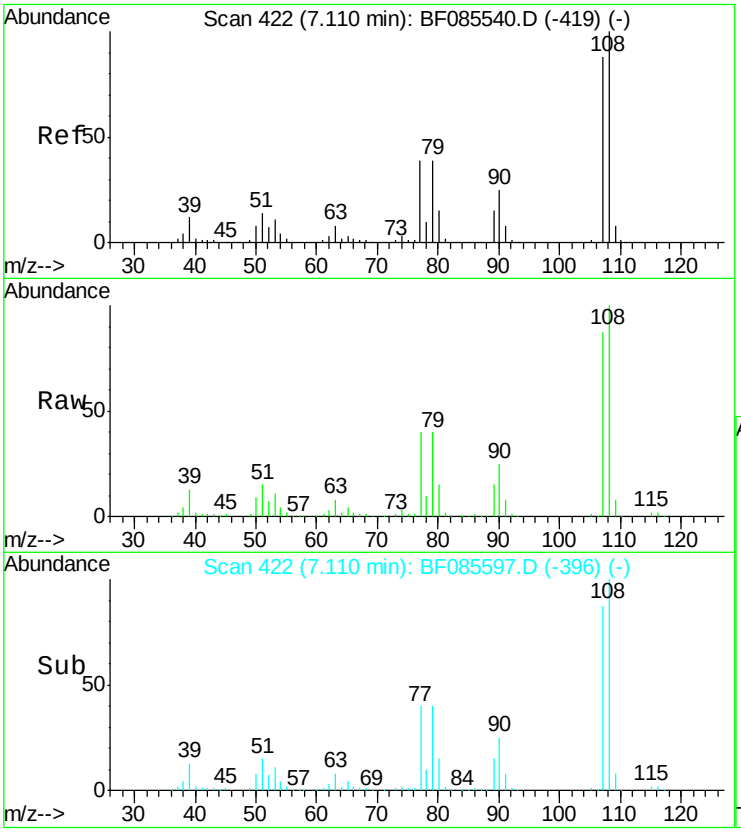


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.98 ng
RT: 7.13 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion: 45 Resp: 434373

Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	35.7
79	13.3	0.0	32.2

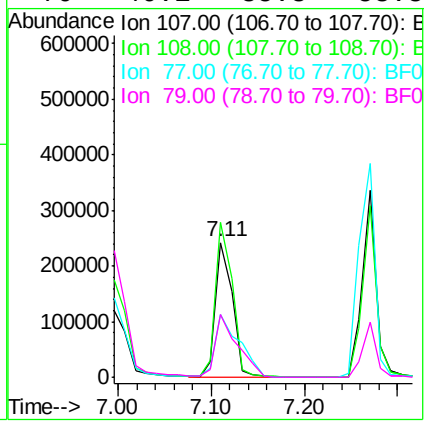




#17
2-Methylphenol
Concen: 42.51 ng
RT: 7.11 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:107 Resp: 305852

Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.4	137.0
77	46.3	36.2	54.2
79	46.1	35.8	53.8



Instrument :
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ClientSampleId :
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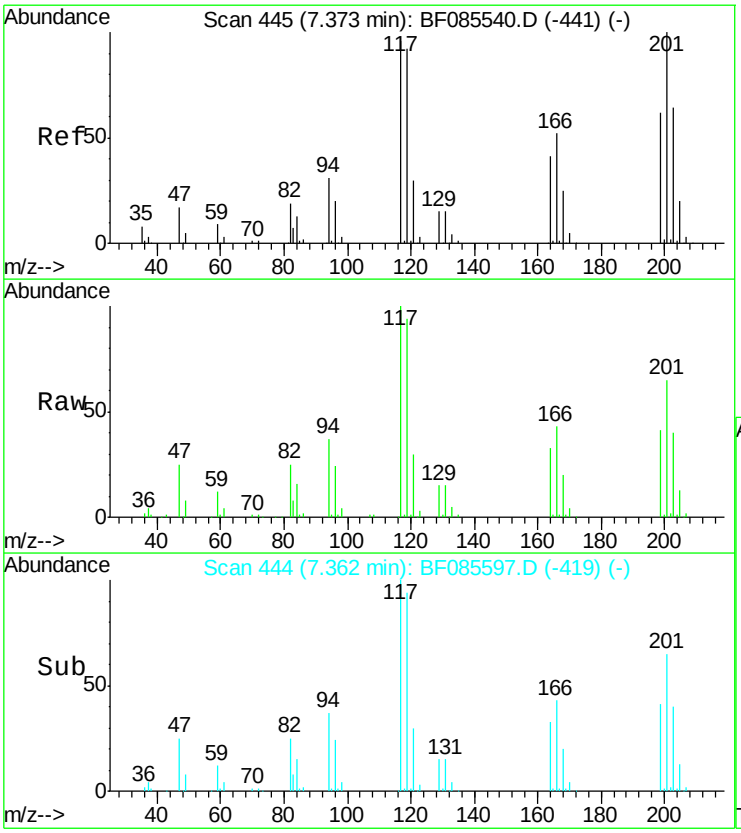
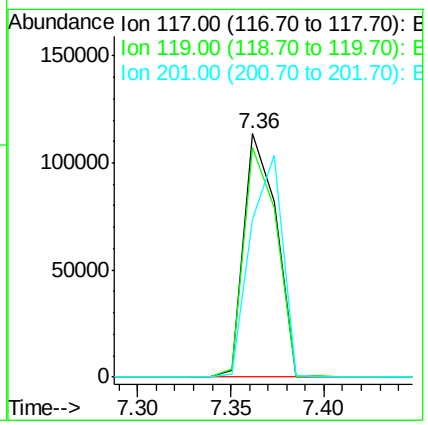
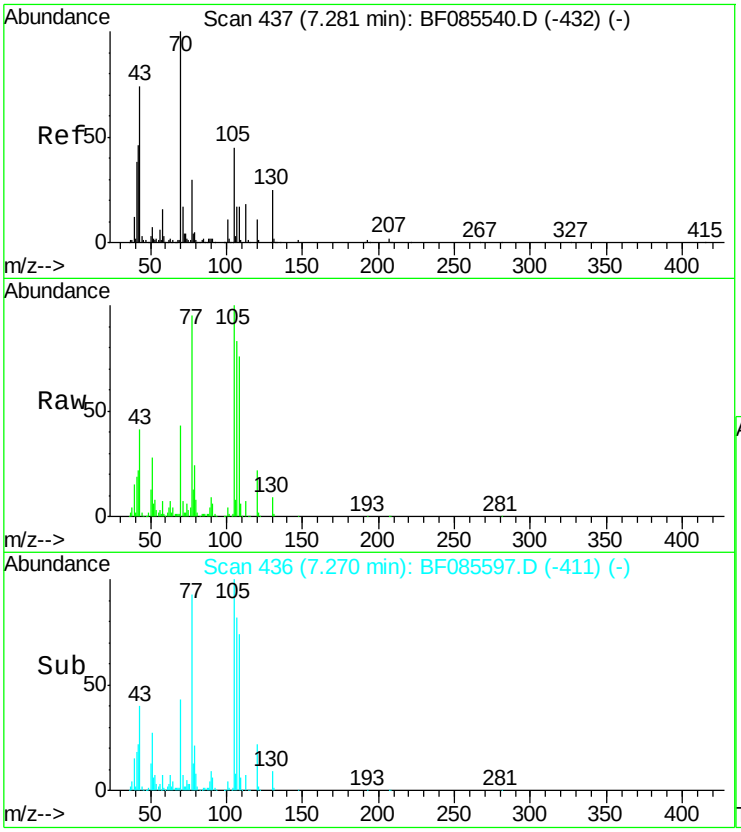


#18
Hexachloroethane
Concen: 39.30 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:117 Resp: 136898

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.7	115.1
201	64.9	83.3	124.9#

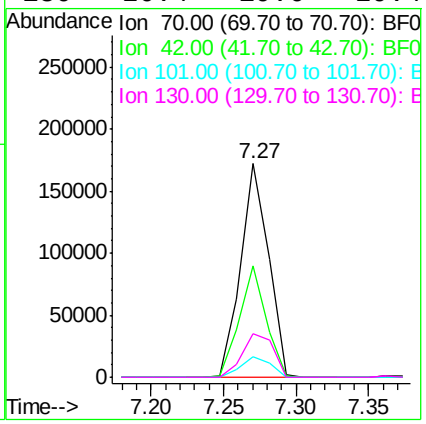




#19
n-Nitroso-di-n-propylamine
Concen: 39.89 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion: 70 Resp: 229267

Ion	Ratio	Lower	Upper
70	100		
42	52.4	37.1	55.7
101	9.4	8.6	12.8
130	20.4	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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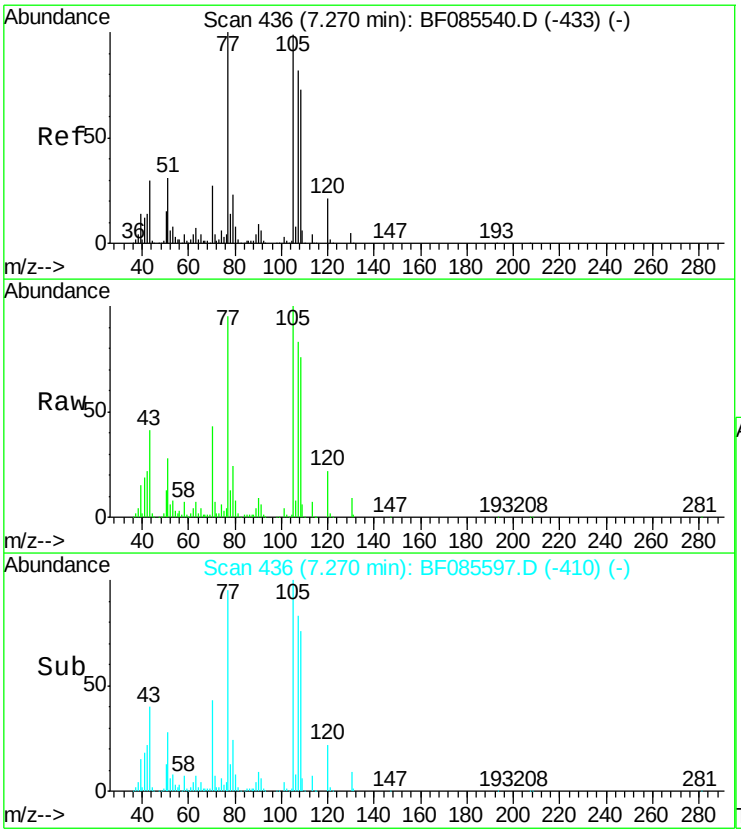
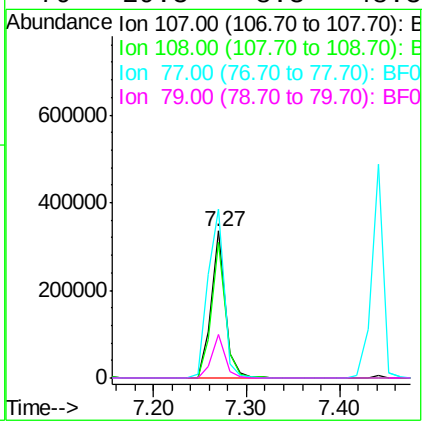
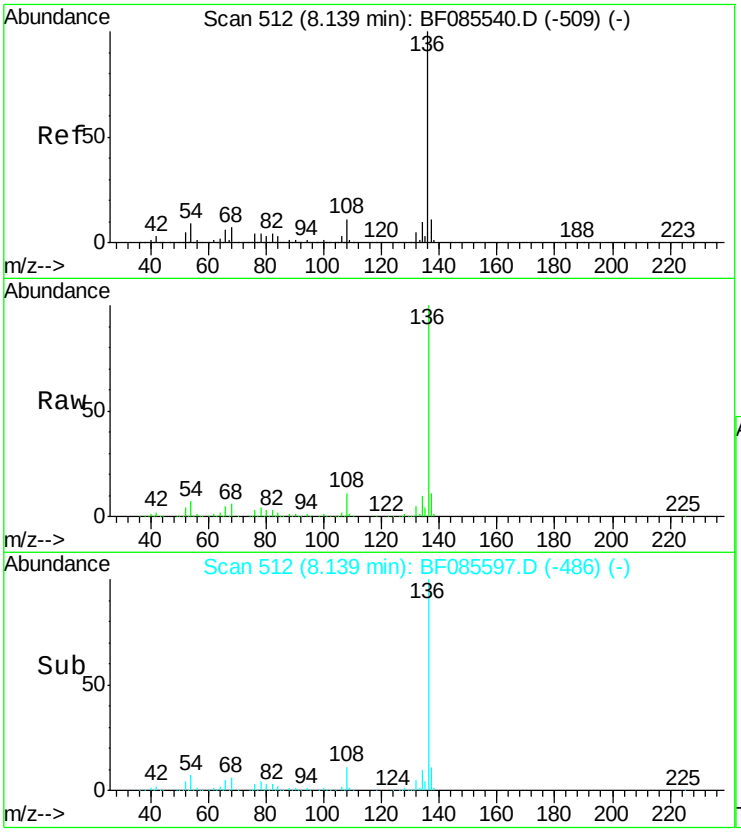


#20
3+4-Methylphenols
Concen: 42.57 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:107 Resp: 354690

Ion	Ratio	Lower	Upper
107	100		
108	91.9	69.3	109.3
77	114.5	101.7	141.7
79	29.3	8.3	48.3

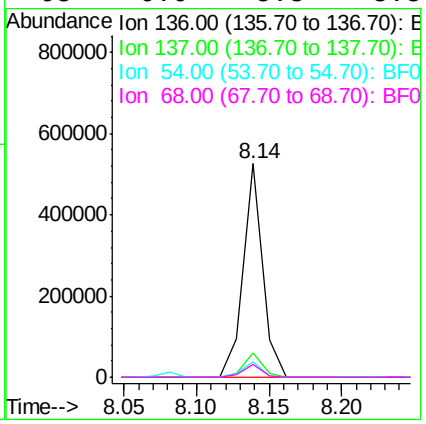




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:136 Resp: 492041

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.2	7.4	11.0#
68	6.0	5.8	8.8



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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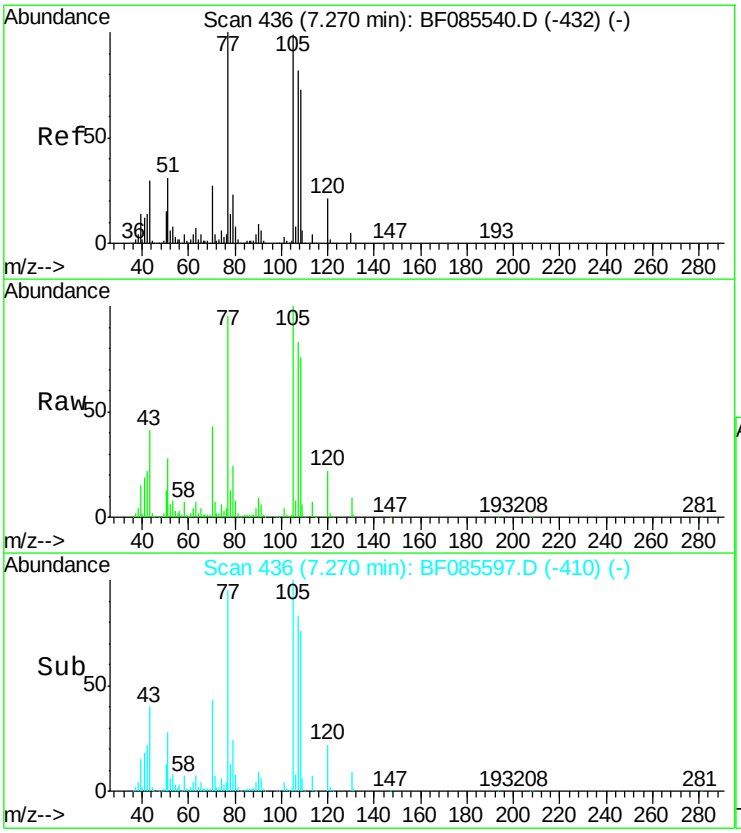
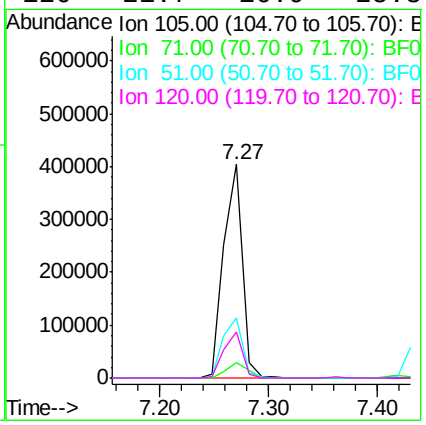
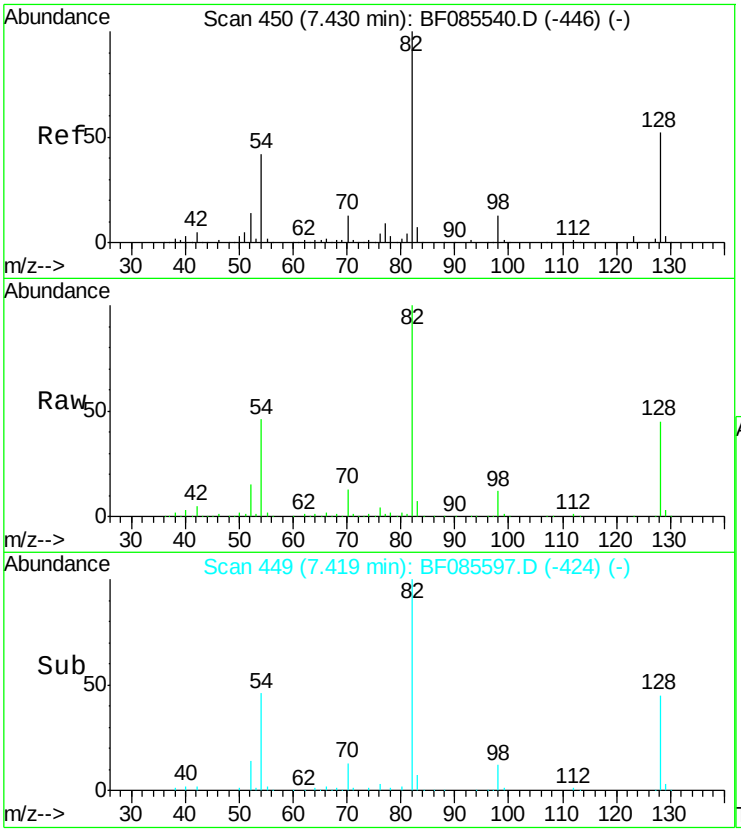


#22
Acetophenone
Concen: 41.18 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:105 Resp: 480887

Ion	Ratio	Lower	Upper
105	100		
71	7.2	3.6	5.4#
51	28.2	25.4	38.0
120	21.7	16.9	25.3

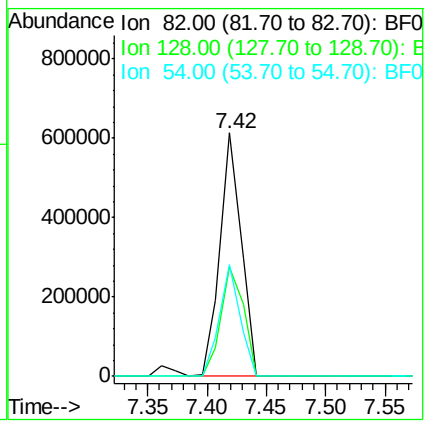




#23
Nitrobenzene-d5
Concen: 90.02 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion: 82 Resp: 763093

Ion	Ratio	Lower	Upper
82	100		
128	45.0	41.8	62.8
54	46.1	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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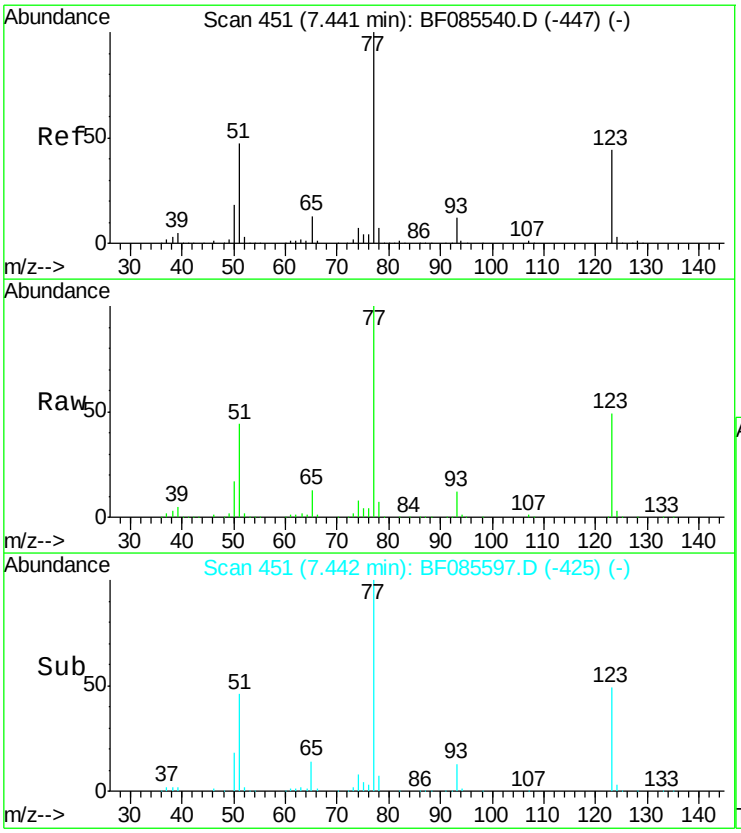
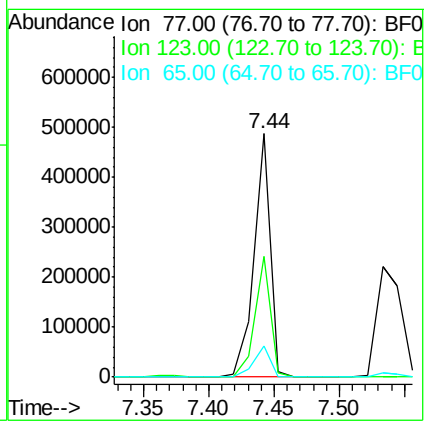
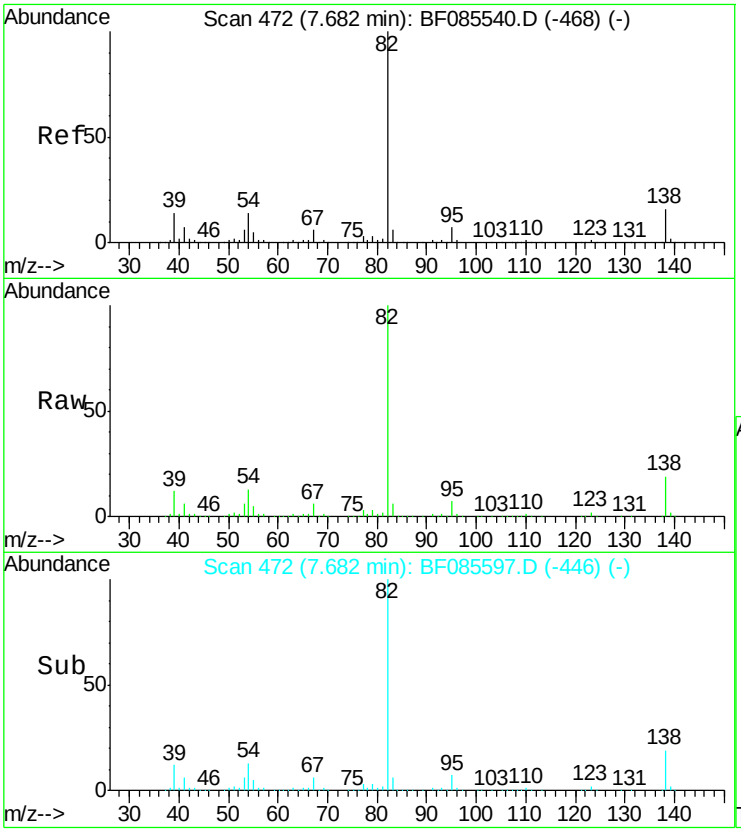


#24
Nitrobenzene
Concen: 45.52 ng
RT: 7.44 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion: 77 Resp: 422344

Ion	Ratio	Lower	Upper
77	100		
123	49.5	35.0	52.4
65	12.8	10.6	16.0

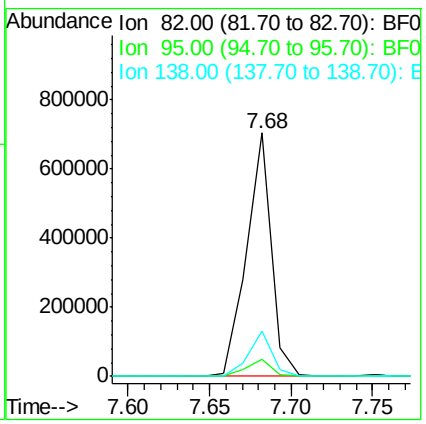




#25
Isophorone
Concen: 43.73 ng
RT: 7.68 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion: 82 Resp: 742225

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.2
138	18.7	12.9	19.3



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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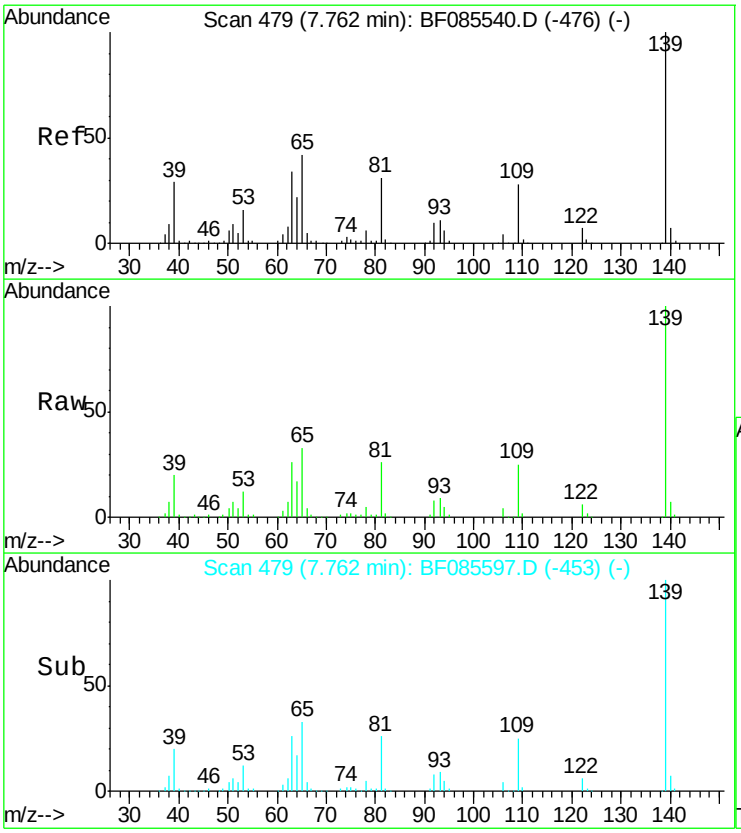
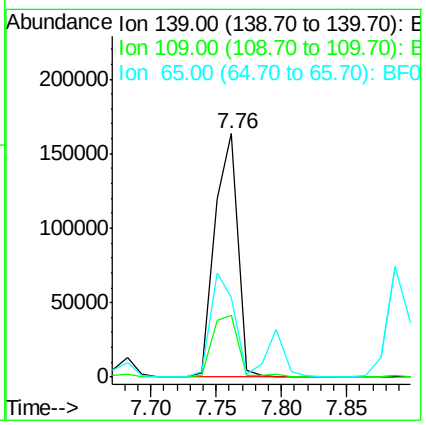
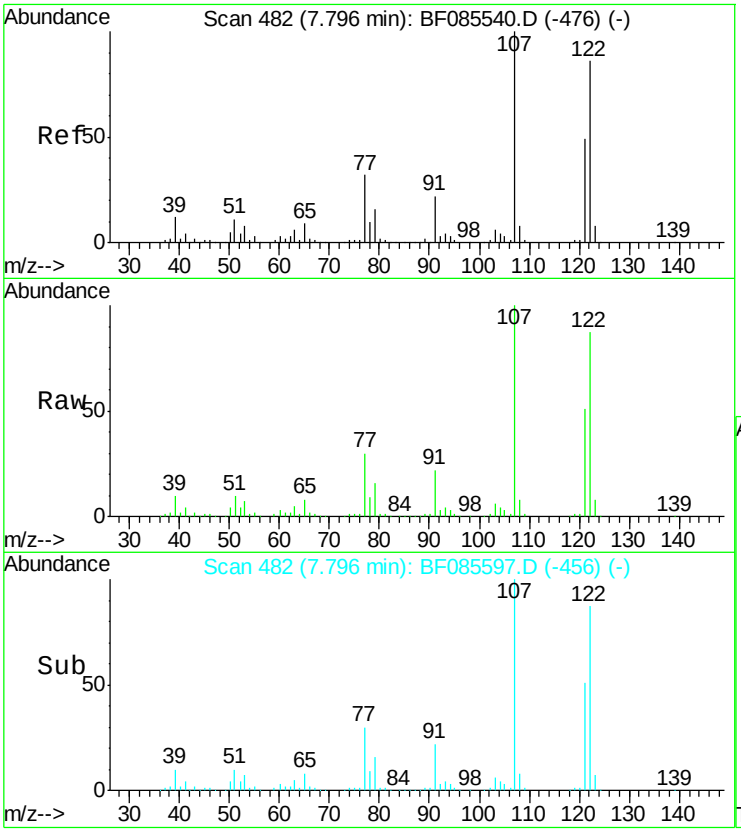


#26
2-Nitrophenol
Concen: 43.91 ng
RT: 7.76 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:139 Resp: 201352

Ion	Ratio	Lower	Upper
139	100		
109	25.4	22.1	33.1
65	32.7	33.9	50.9#

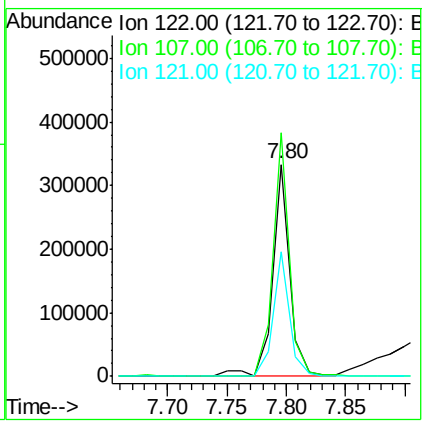




#27
2,4-Dimethylphenol
Concen: 41.23 ng
RT: 7.80 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:122 Resp: 334377

Ion	Ratio	Lower	Upper
122	100		
107	114.8	93.0	139.6
121	58.5	45.9	68.9



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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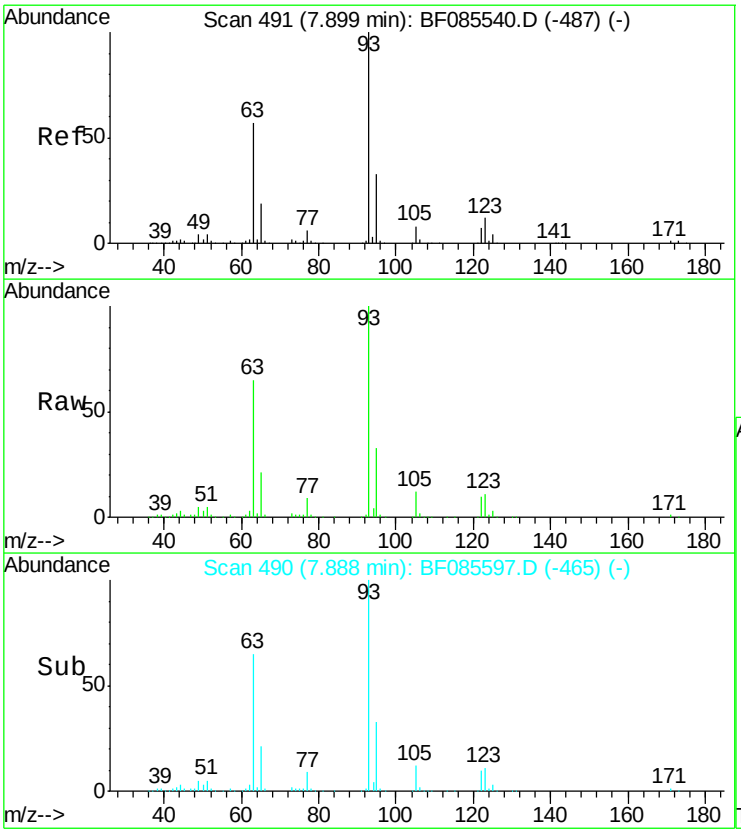
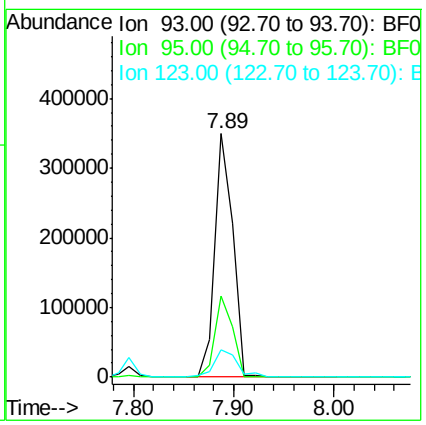
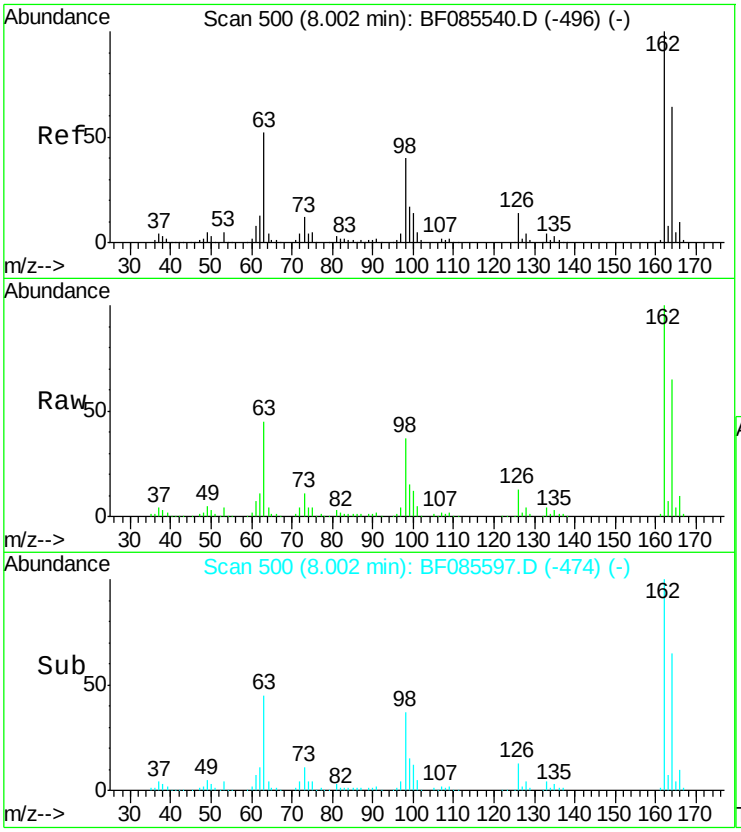


#28
bis(2-Chloroethoxy)methane
Concen: 44.92 ng
RT: 7.89 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion: 93 Resp: 433621

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	11.0	9.8	14.6

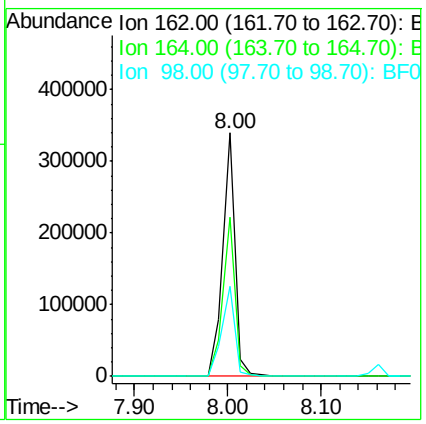




#29
2,4-Dichlorophenol
Concen: 46.34 ng
RT: 8.00 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:162 Resp: 310343

Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.7	83.7
98	36.8	20.4	60.4



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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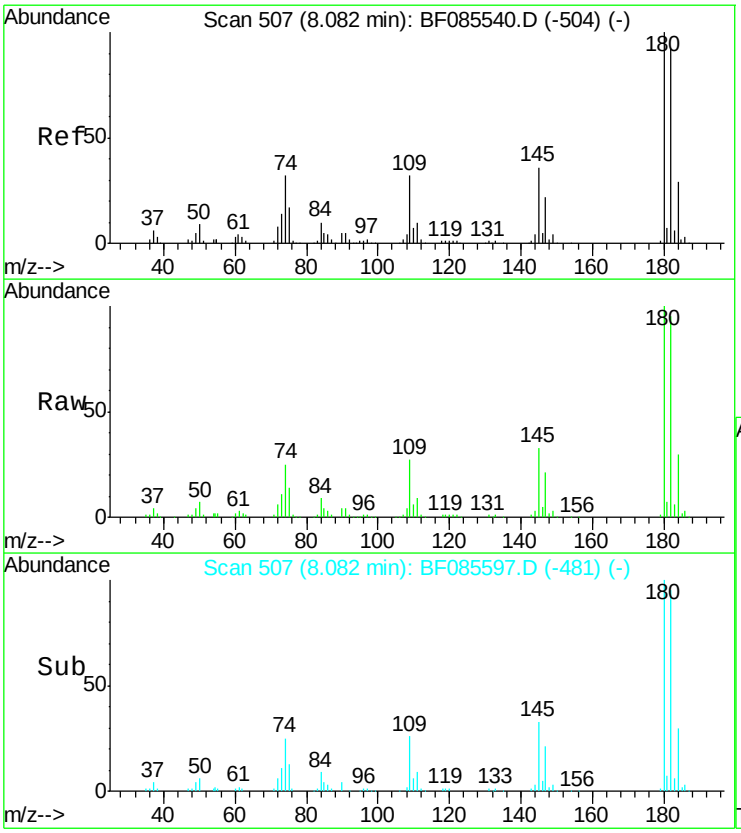
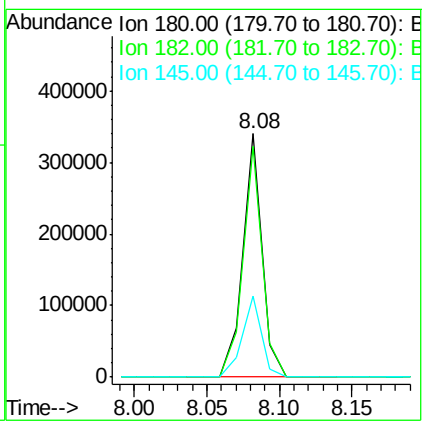
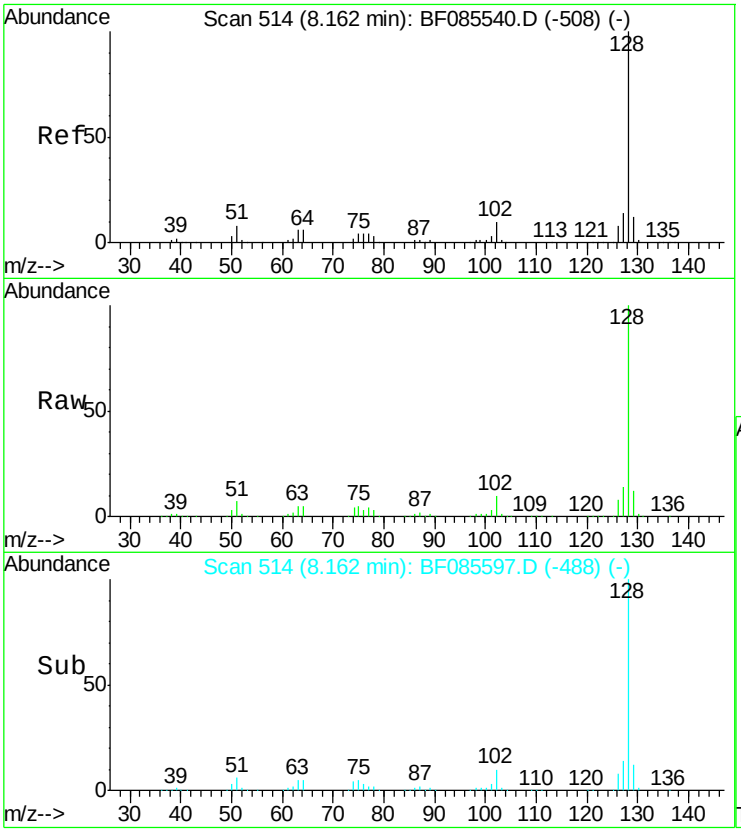


#30
1,2,4-Trichlorobenzene
Concen: 41.70 ng
RT: 8.08 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:180 Resp: 312763

Ion	Ratio	Lower	Upper
180	100		
182	95.0	73.8	110.8
145	33.3	28.4	42.6

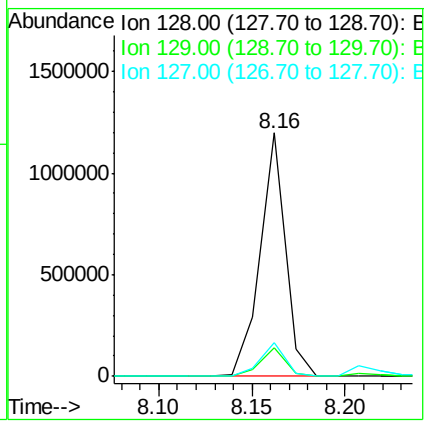




#31
Naphthalene
Concen: 45.19 ng
RT: 8.16 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:128 Resp: 1122402

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	13.8	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
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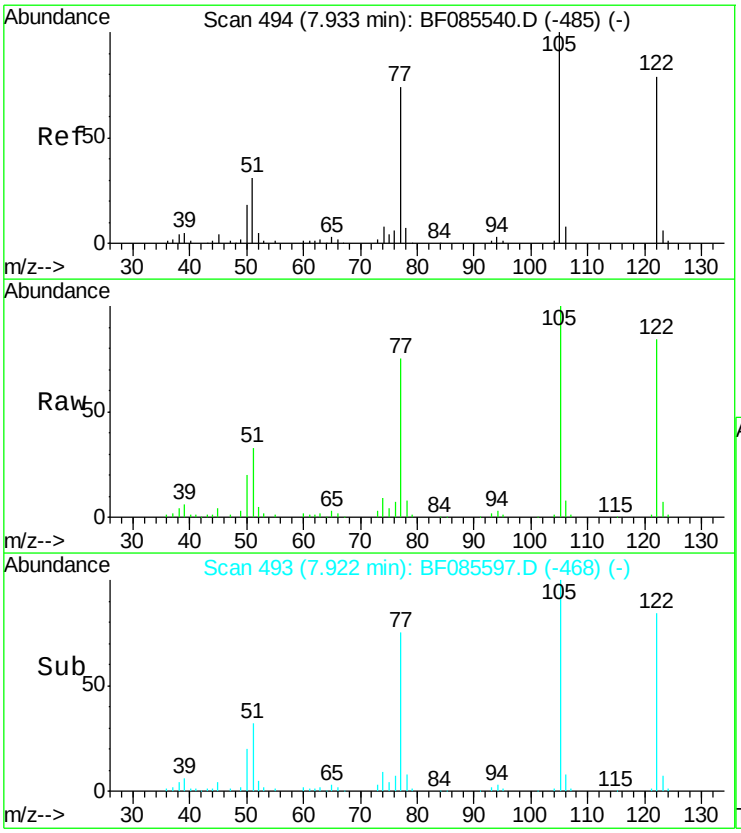
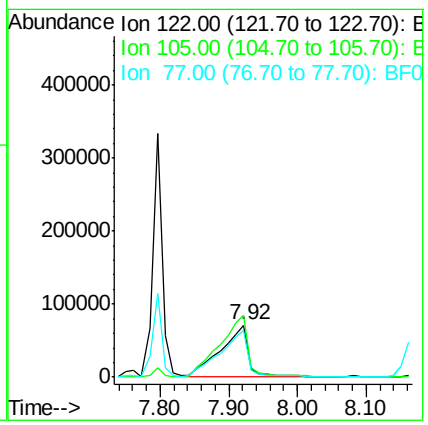
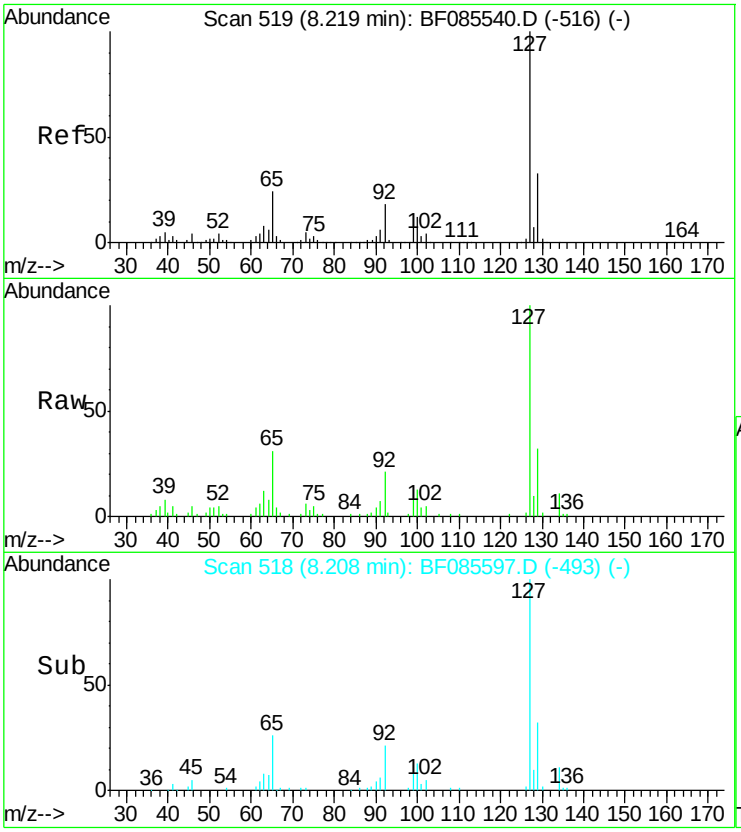


#32
Benzoic acid
Concen: 29.73 ng
RT: 7.92 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:122 Resp: 201557

Ion	Ratio	Lower	Upper
122	100		
105	119.2	102.9	142.9
77	89.9	71.8	111.8

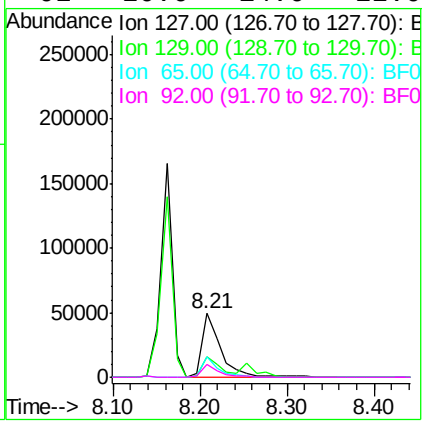




#33
4-Chloroaniline
Concen: 7.19 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:127 Resp: 73230

Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.1	39.1
65	31.3	19.5	29.3#
92	20.6	14.6	22.0



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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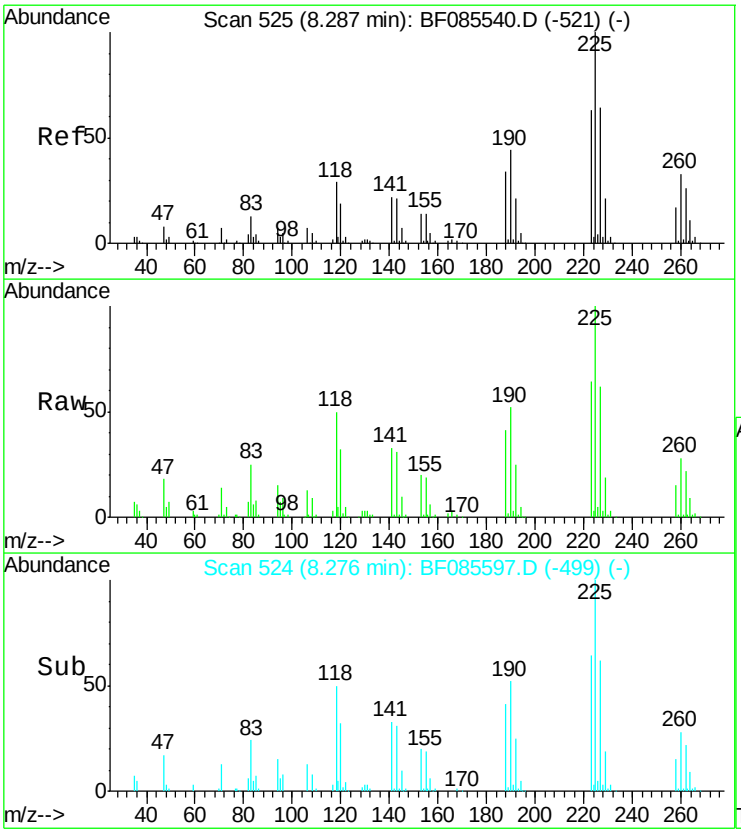
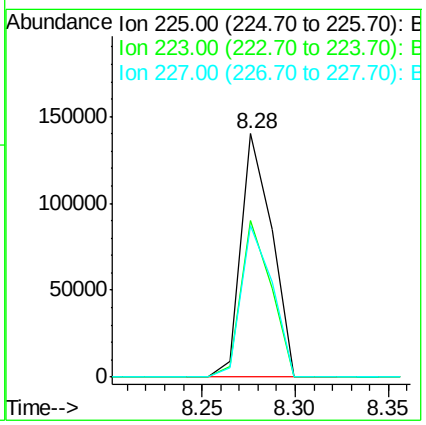
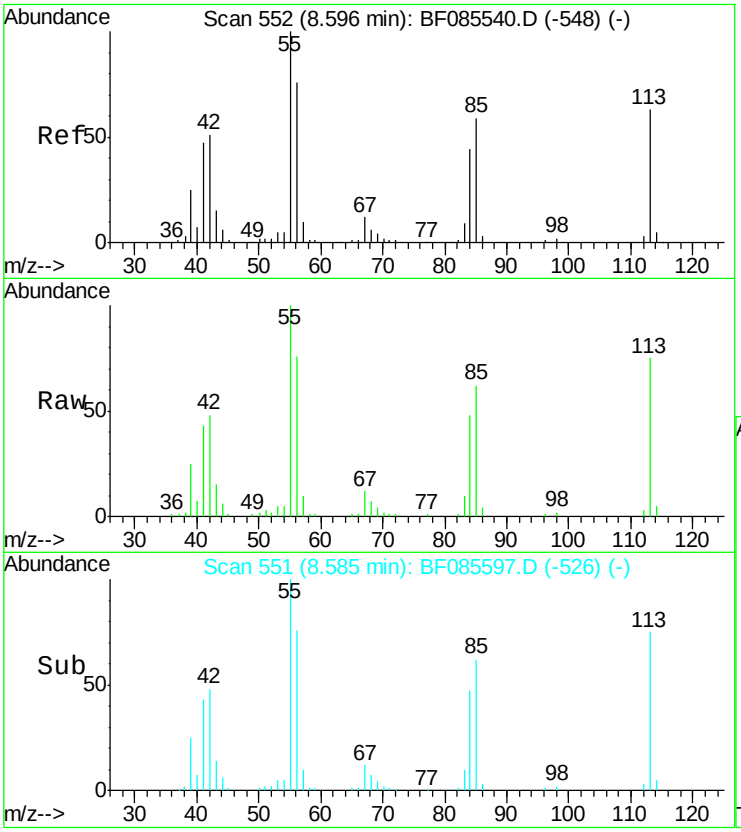


#34
Hexachlorobutadiene
Concen: 40.23 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:225 Resp: 160823

Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.4	75.6
227	62.4	51.4	77.2

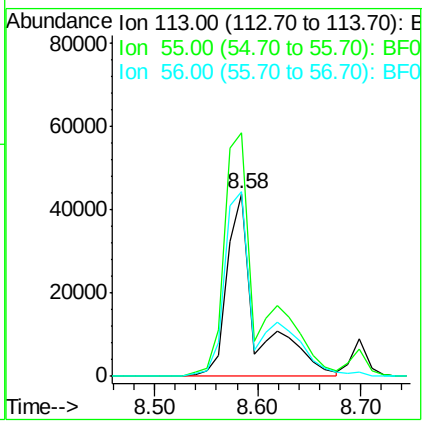




#35
Caprolactam
Concen: 38.84 ng m
RT: 8.58 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:113 Resp: 89489

Ion	Ratio	Lower	Upper
113	100		
55	133.2	139.4	179.4#
56	101.3	100.4	140.4



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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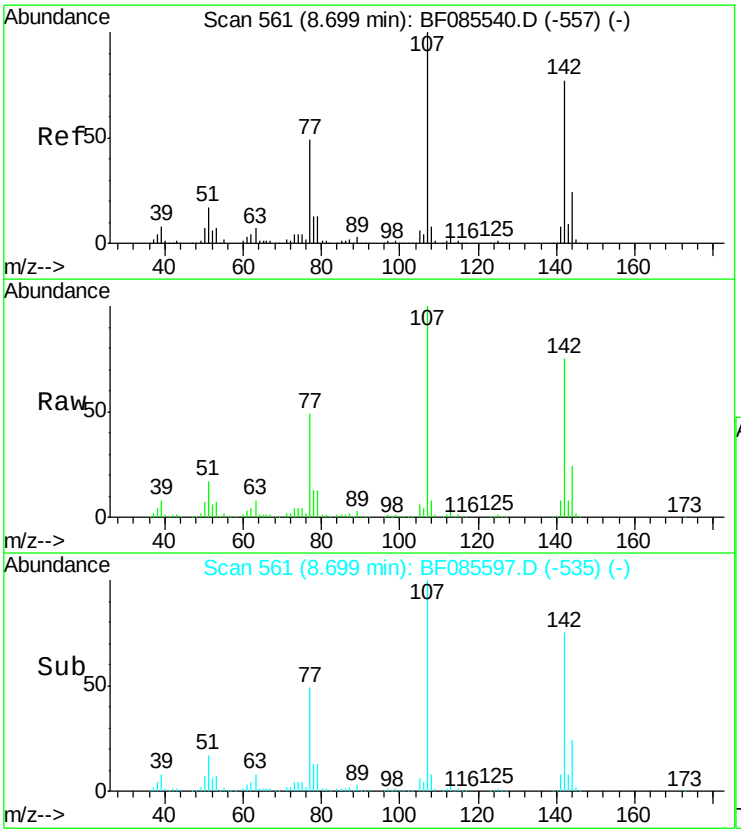
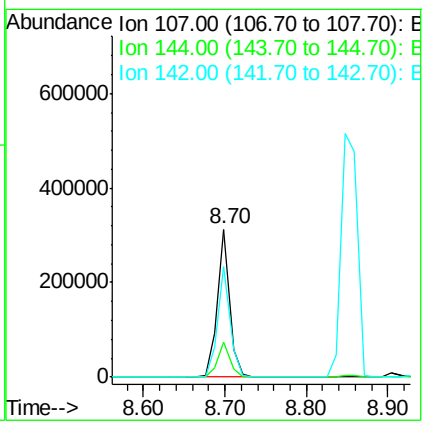
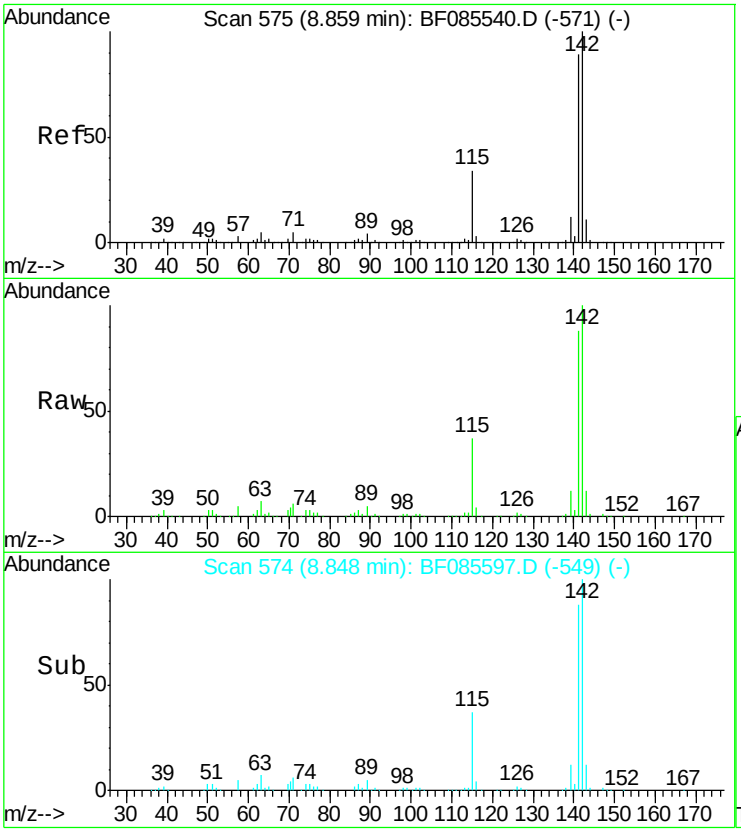


#36
4-Chloro-3-methylphenol
Concen: 42.21 ng
RT: 8.70 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:107 Resp: 330103

Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.3	28.9
142	74.7	61.4	92.0

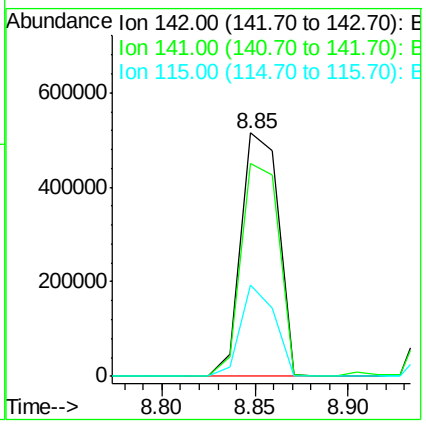




#37
2-Methylnaphthalene
Concen: 47.38 ng
RT: 8.85 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:142 Resp: 717222

Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.6	107.4
115	37.4	26.8	40.2



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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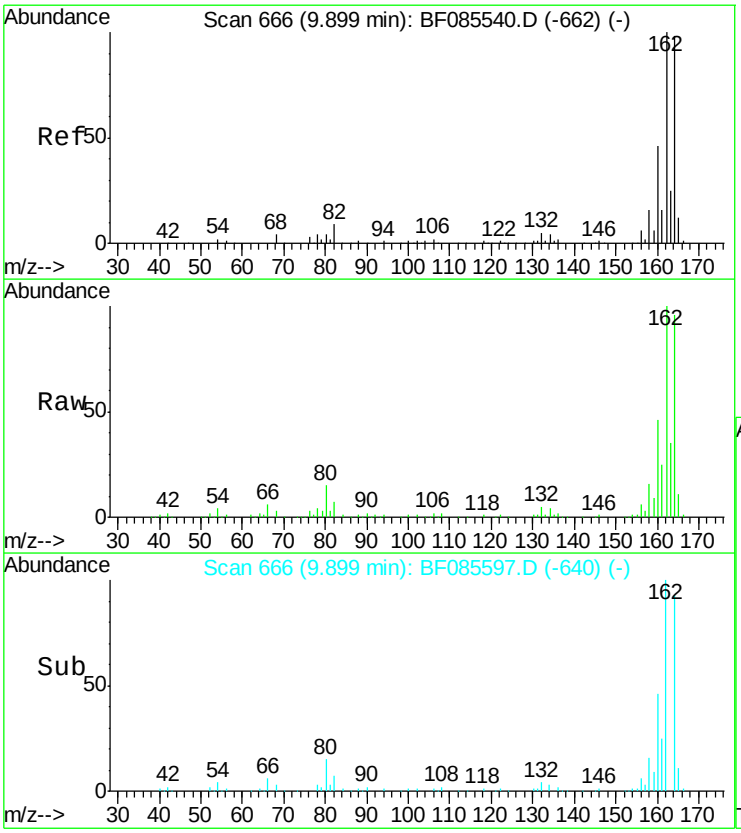
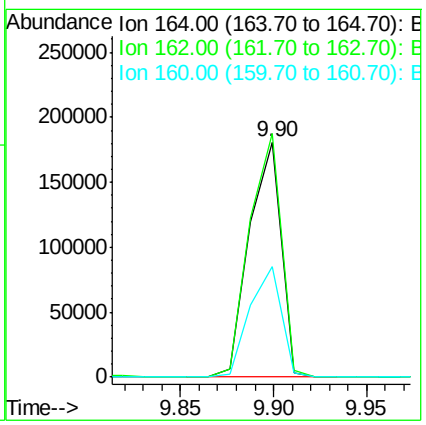
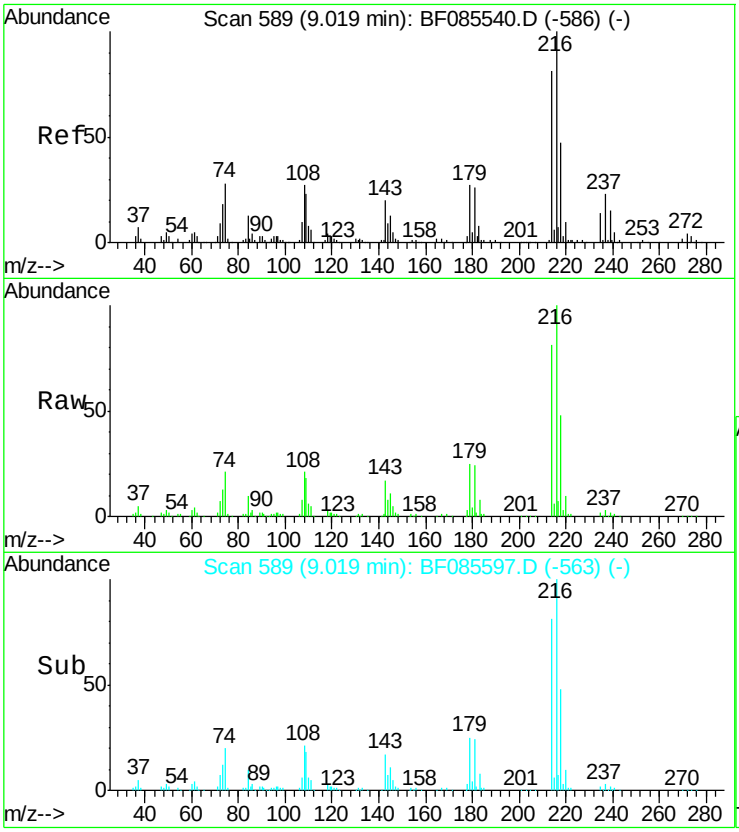


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:164 Resp: 212182

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.1	123.1
160	47.3	37.4	56.2

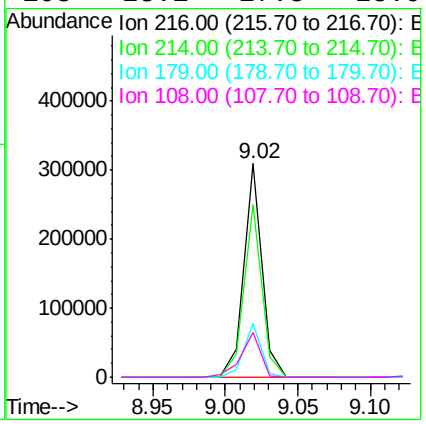




#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.79 ng
RT: 9.02 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:216 Resp: 268969

Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.1	94.7
179	24.5	18.2	27.2
108	23.1	17.3	25.9



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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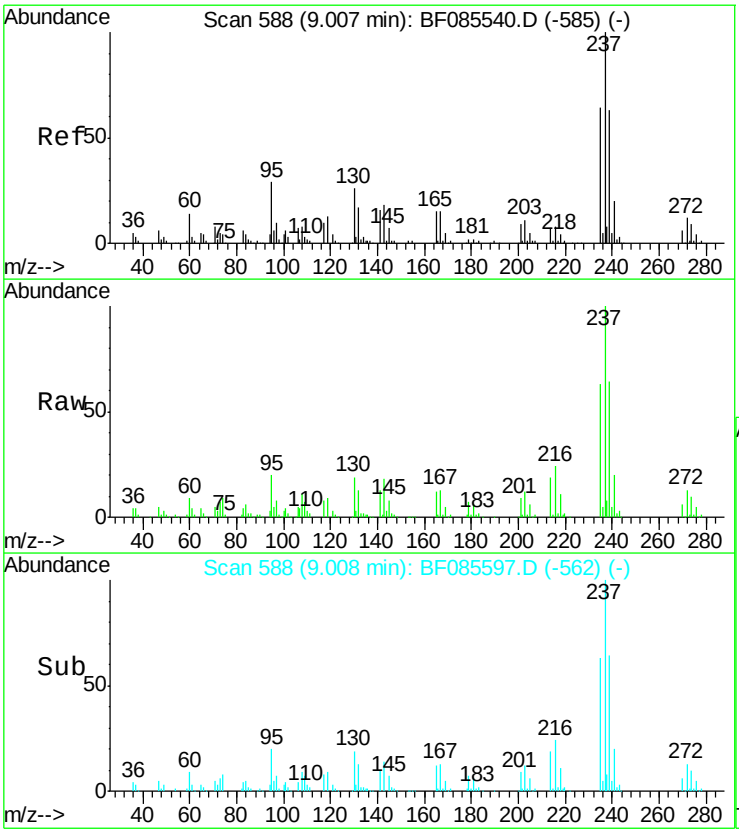
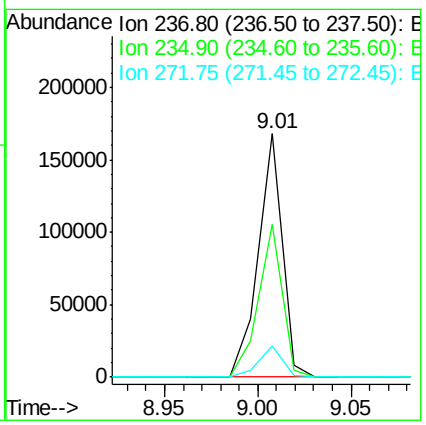
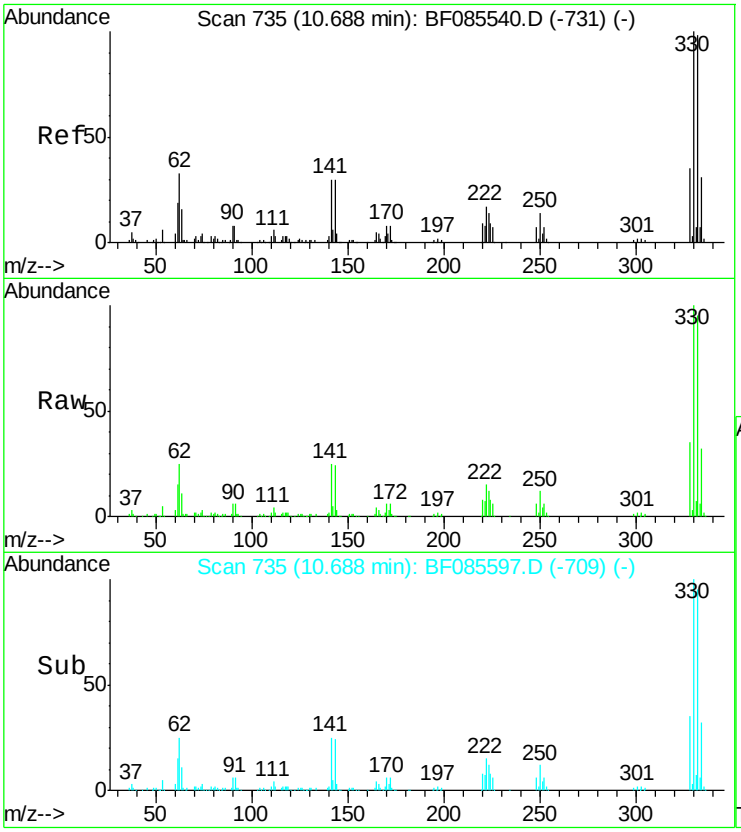


#40
Hexachlorocyclopentadiene
Concen: 51.19 ng
RT: 9.01 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:237 Resp: 148498

Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.7	83.7
272	12.9	0.0	31.9

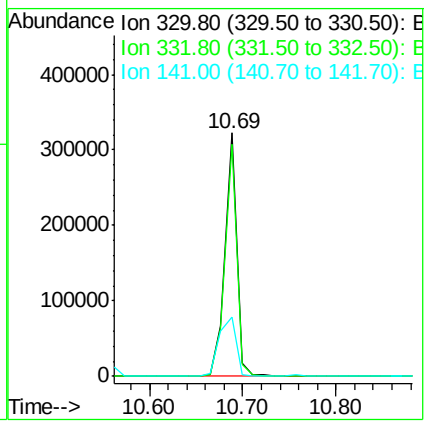




#41
2,4,6-Tribromophenol
Concen: 137.15 ng
RT: 10.69 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:330 Resp: 285061

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.2	117.2
141	35.4	31.5	47.3



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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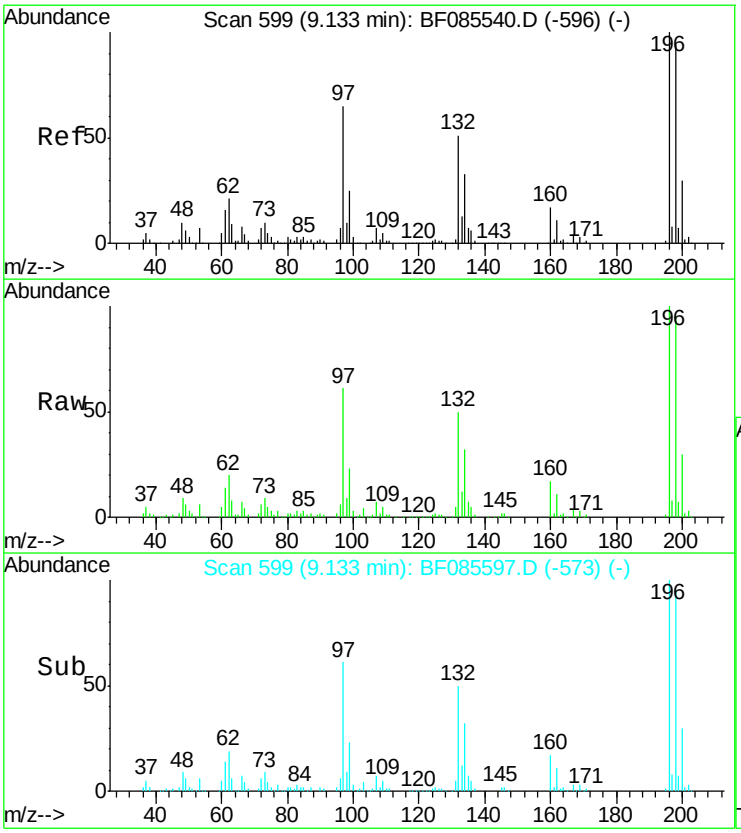
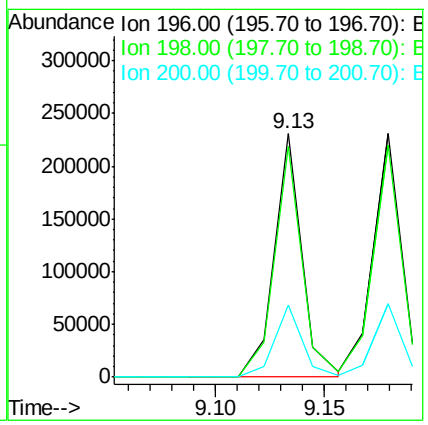
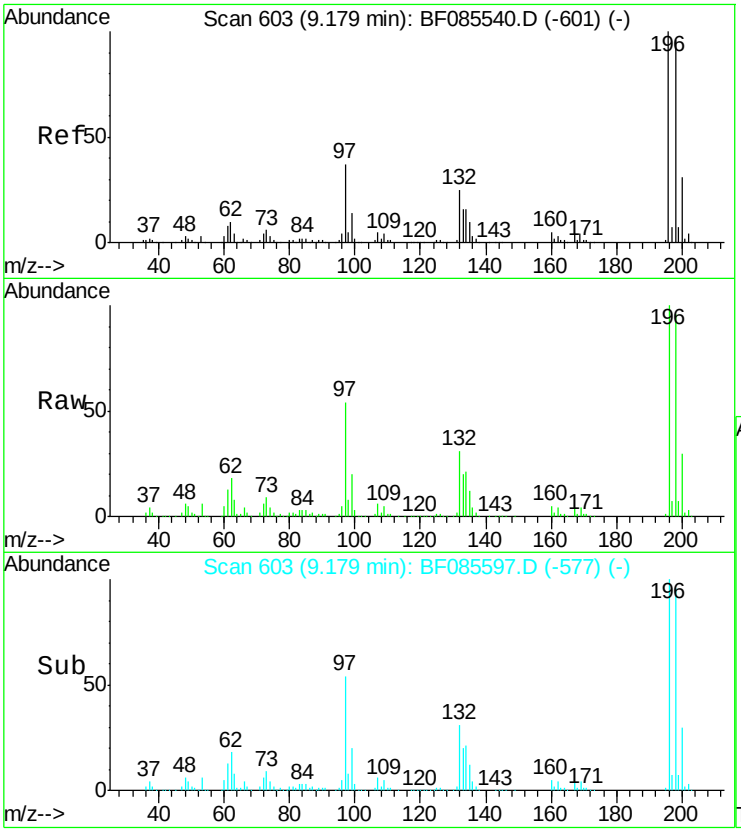


#42
2,4,6-Trichlorophenol
Concen: 46.75 ng
RT: 9.13 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:196 Resp: 205973

Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.3	112.9
200	29.7	23.7	35.5

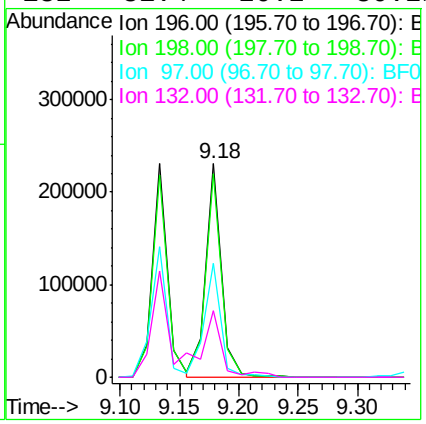




#43
2,4,5-Trichlorophenol
Concen: 47.84 ng
RT: 9.18 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:196 Resp: 214505

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.6	114.8
97	53.6	30.5	45.7#
132	31.4	20.2	30.2#



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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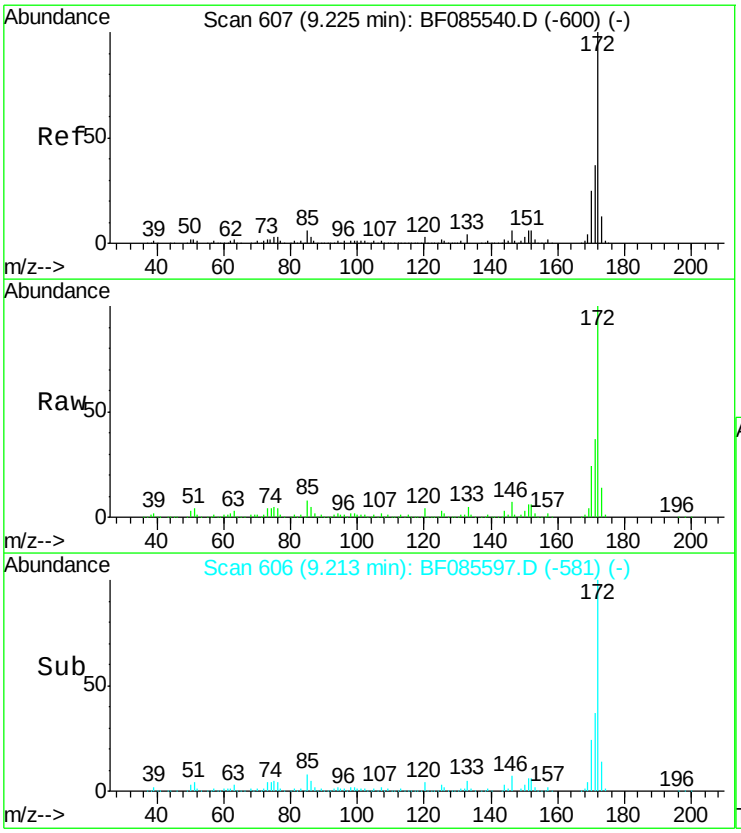
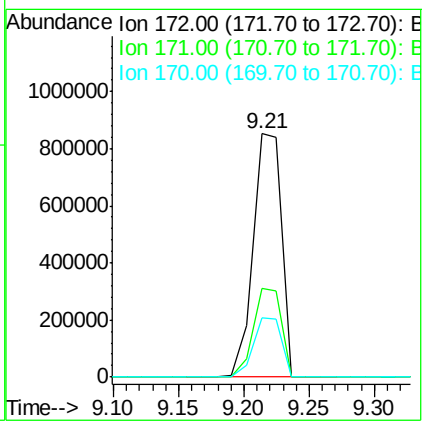
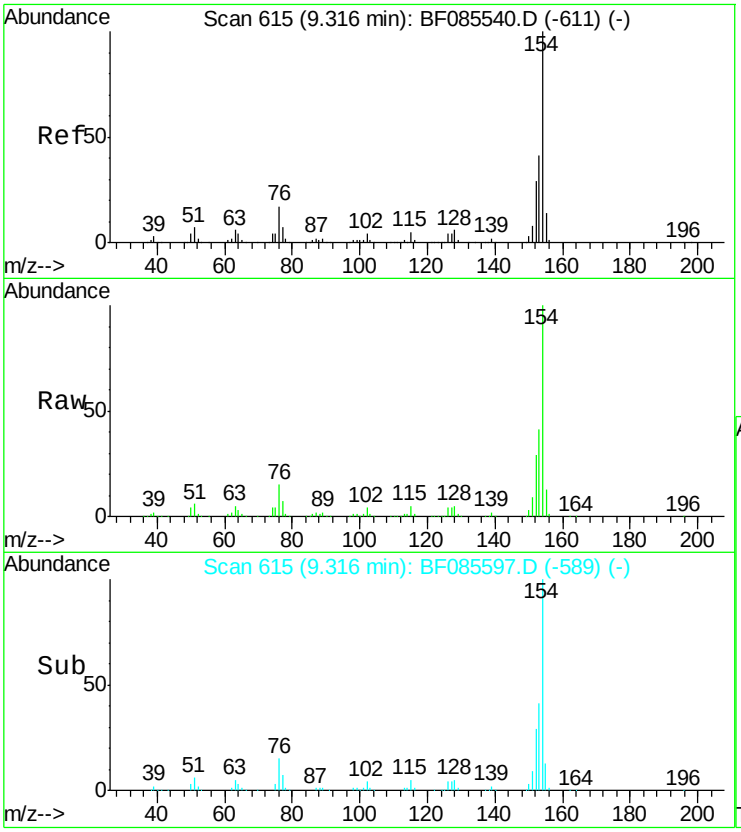


#44
2-Fluorobiphenyl
Concen: 113.05 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:172 Resp: 1291366

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.3	19.8	29.6

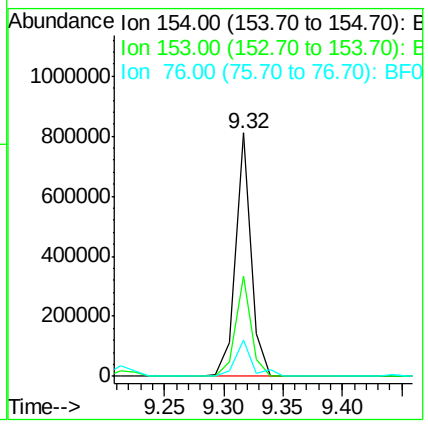




#45
1,1'-Biphenyl
Concen: 40.34 ng
RT: 9.32 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:154 Resp: 738473

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.8	60.8
76	14.9	0.0	36.7



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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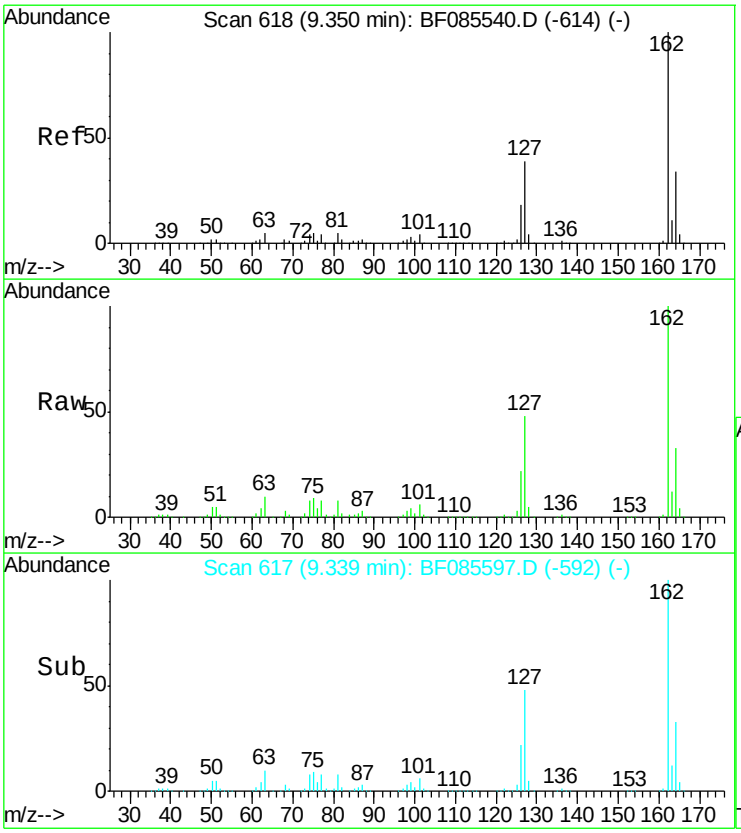
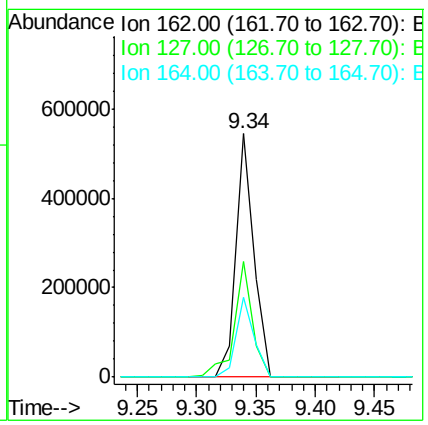
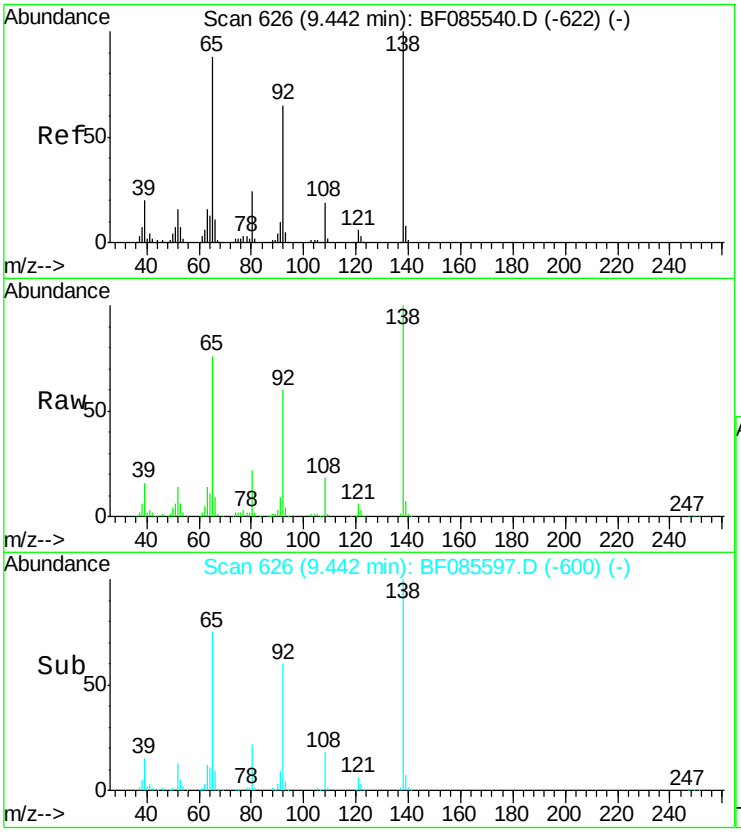


#46
2-Chloronaphthalene
Concen: 42.96 ng
RT: 9.34 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:162 Resp: 574380

Ion	Ratio	Lower	Upper
162	100		
127	47.6	31.7	47.5#
164	32.8	27.3	40.9

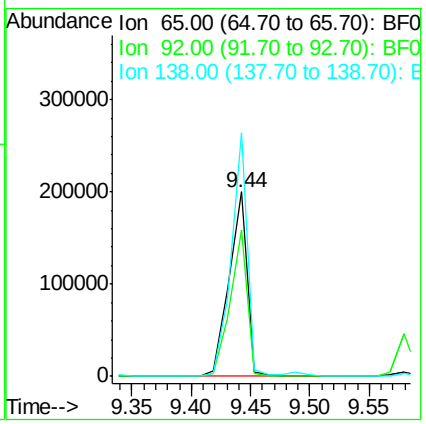




#47
2-Nitroaniline
Concen: 52.00 ng
RT: 9.44 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion: 65 Resp: 210342

Ion	Ratio	Lower	Upper
65	100		
92	79.5	59.7	89.5
138	132.0	91.4	137.0



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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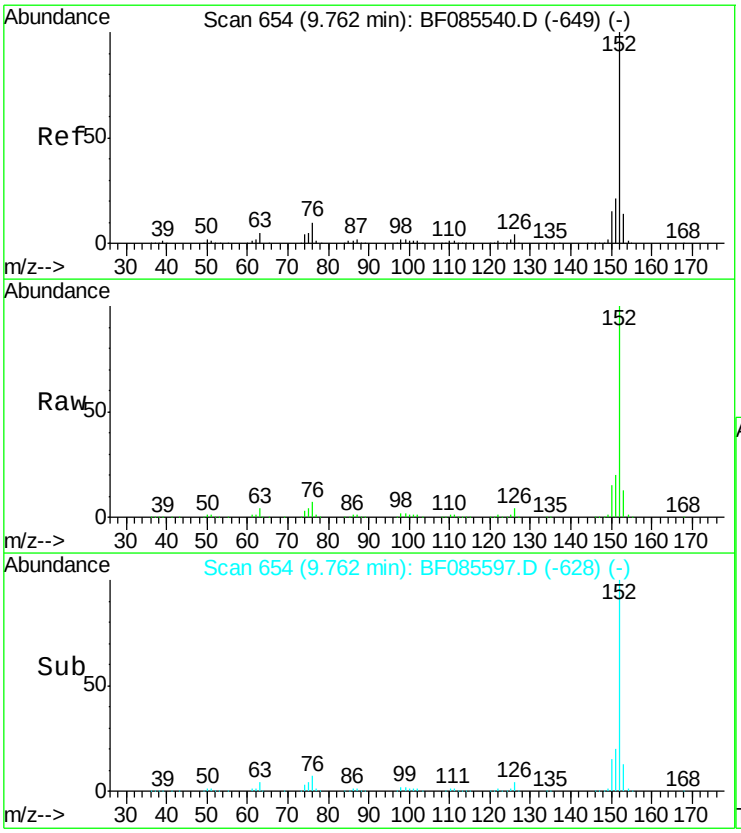
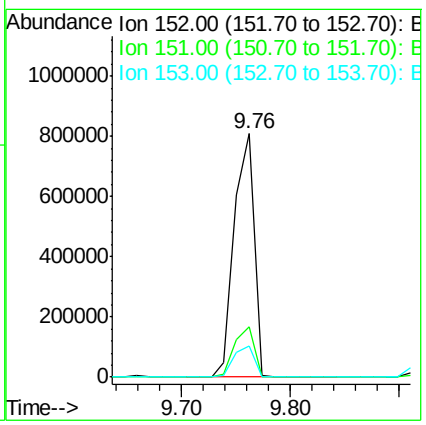
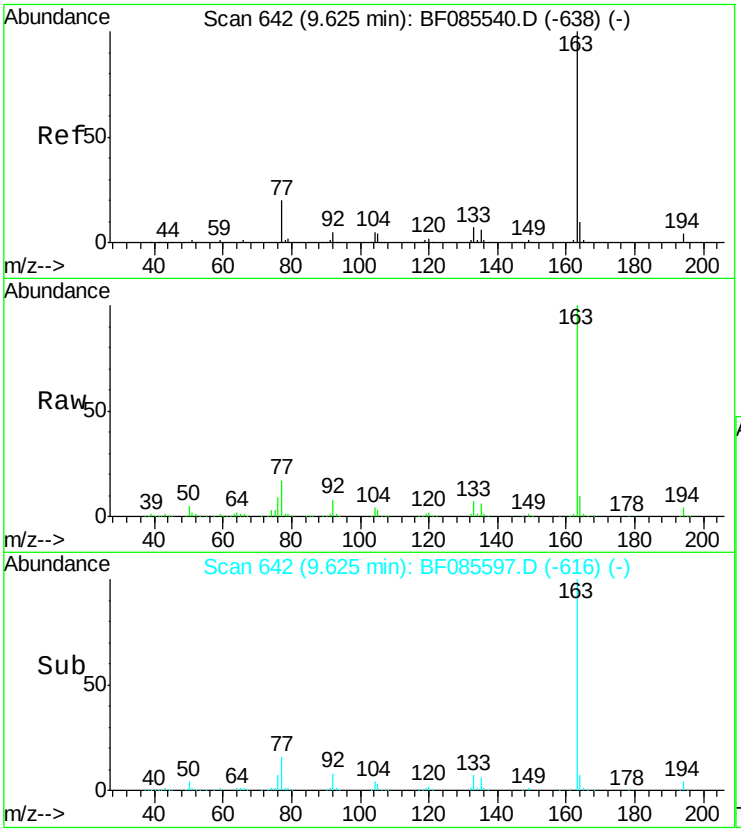


#48
Acenaphthylene
Concen: 46.79 ng
RT: 9.76 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:152 Resp: 1012381

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	12.9	10.9	16.3

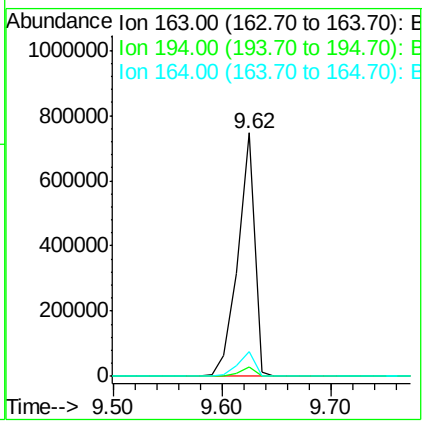




#49
Dimethylphthalate
Concen: 49.16 ng
RT: 9.62 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:163 Resp: 787137

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.2	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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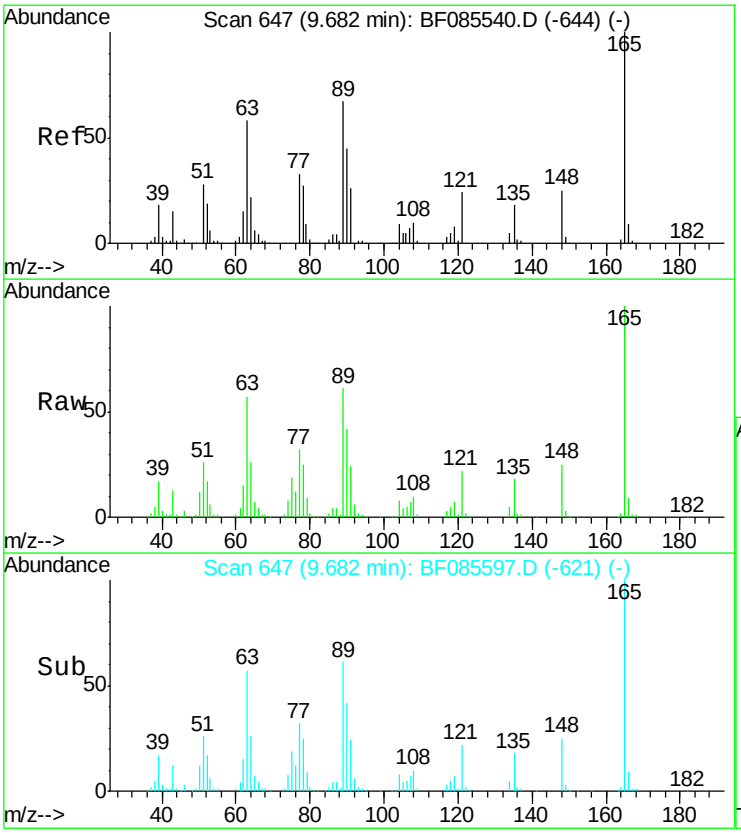
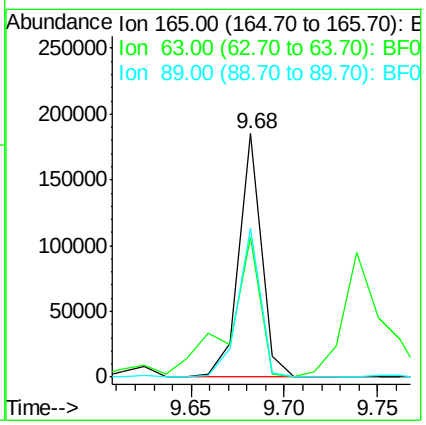
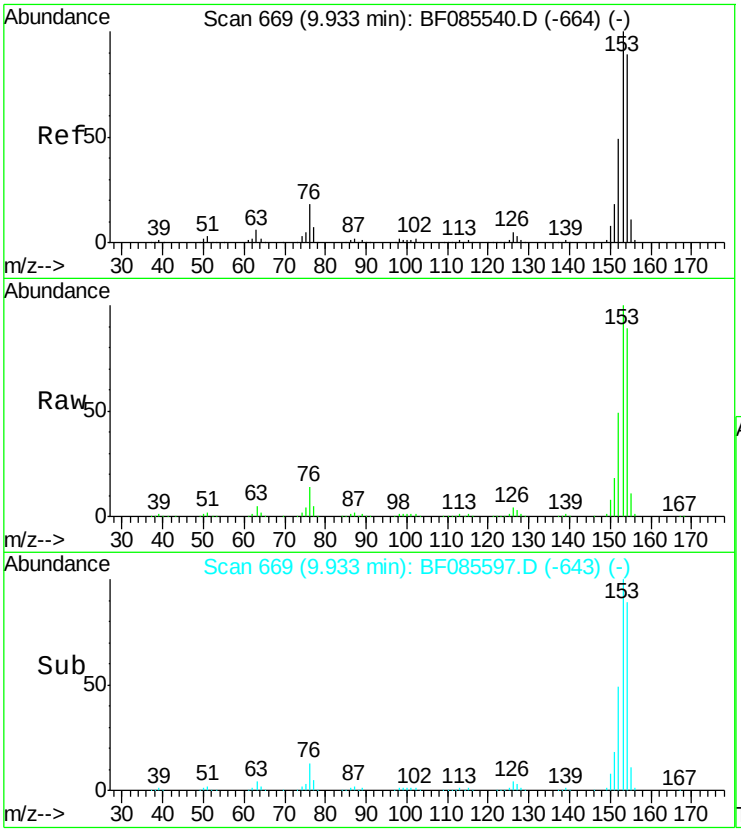


#50
2,6-Dinitrotoluene
Concen: 46.39 ng
RT: 9.68 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:165 Resp: 156817

Ion	Ratio	Lower	Upper
165	100		
63	57.4	51.8	77.8
89	61.4	53.7	80.5

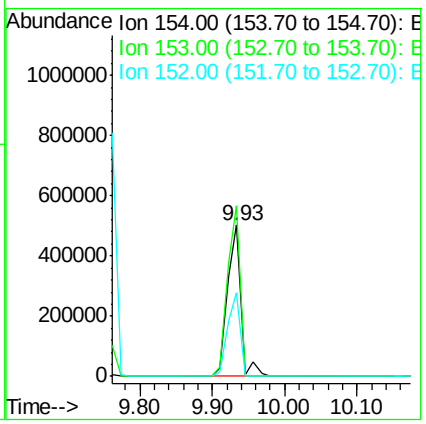




#51
Acenaphthene
Concen: 47.20 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:154 Resp: 640917

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.1	135.1
152	55.0	44.2	66.2



Instrument :
BNA_F
ClientSampleId :
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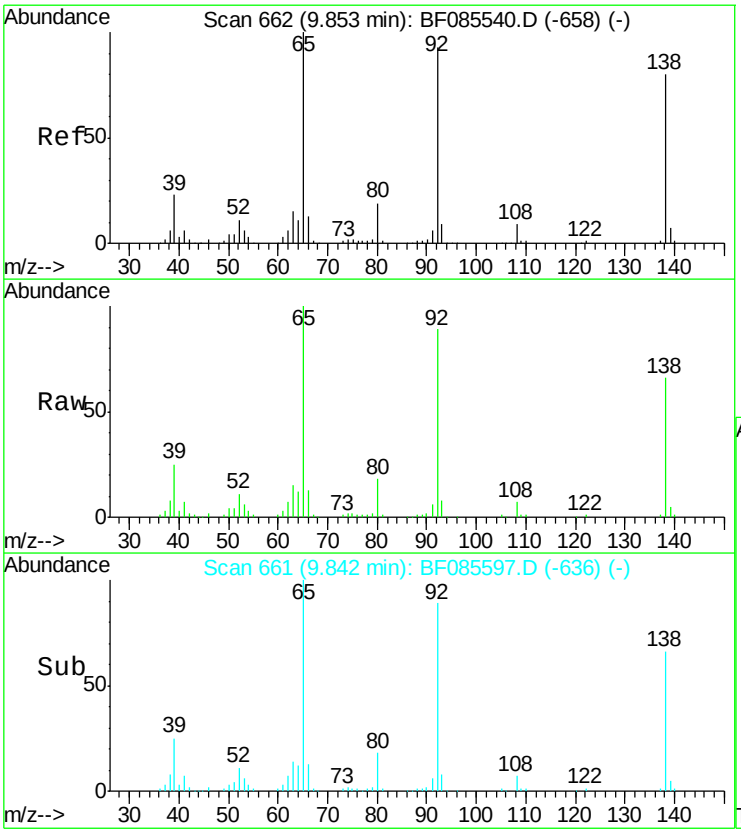
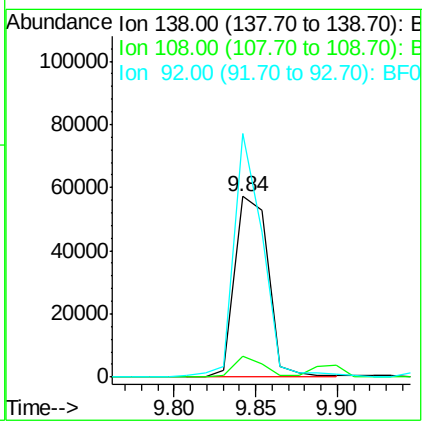
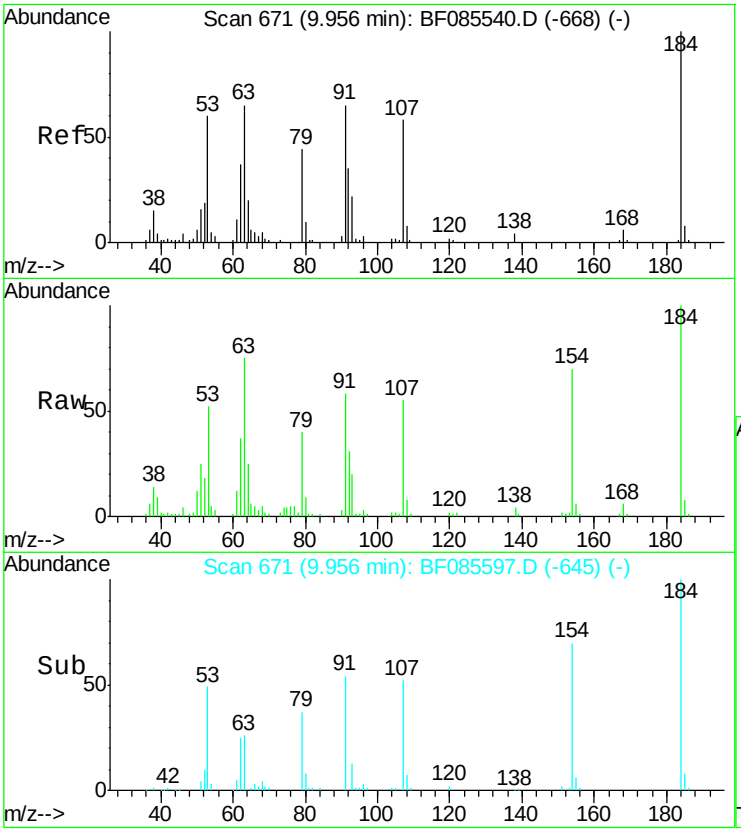


#52
3-Nitroaniline
Concen: 19.10 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:138 Resp: 80870

Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.7	13.1
92	135.0	93.3	139.9

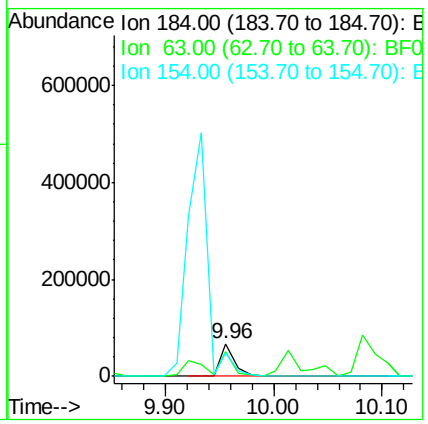




#53
2,4-Dinitrophenol
Concen: 32.42 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:184 Resp: 67136

Ion	Ratio	Lower	Upper
184	100		
63	74.7	69.5	104.3
154	69.7	58.3	87.5



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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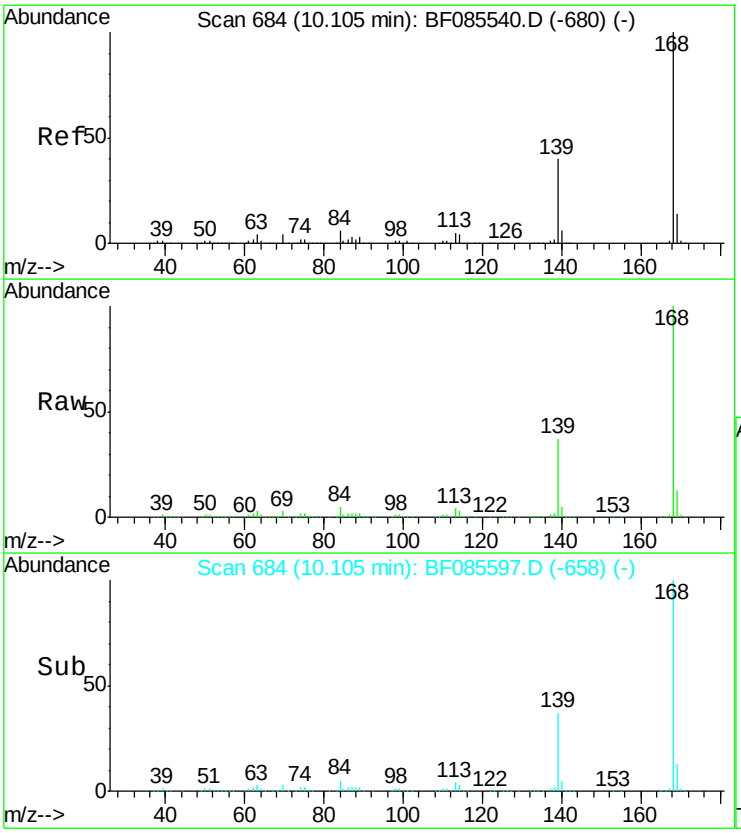
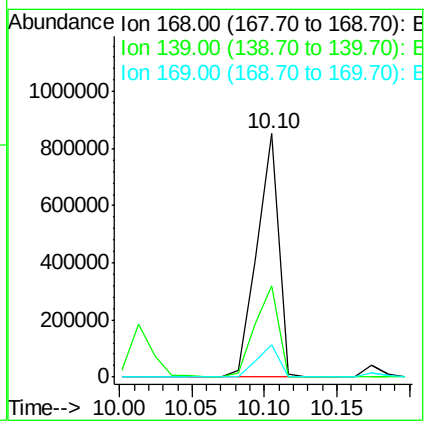
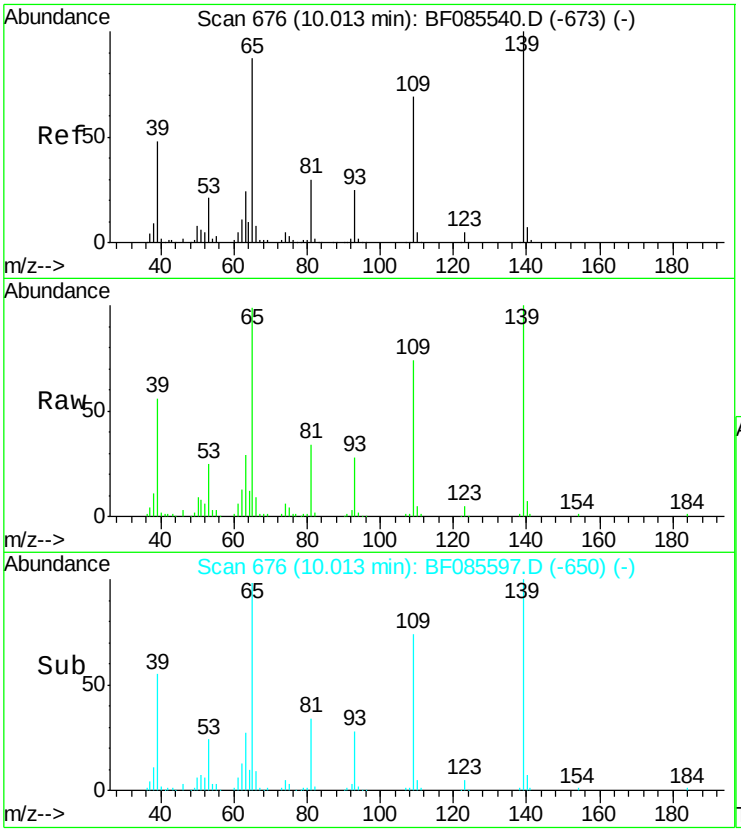


#54
Dibenzofuran
Concen: 53.68 ng
RT: 10.10 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:168 Resp: 887556

Ion	Ratio	Lower	Upper
168	100		
139	37.3	31.9	47.9
169	13.4	11.0	16.6

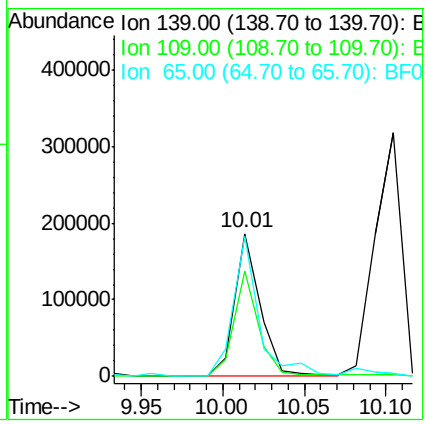




#55
4-Nitrophenol
Concen: 62.47 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:139 Resp: 204391

Ion	Ratio	Lower	Upper
139	100		
109	73.6	49.2	89.2
65	98.6	66.9	106.9



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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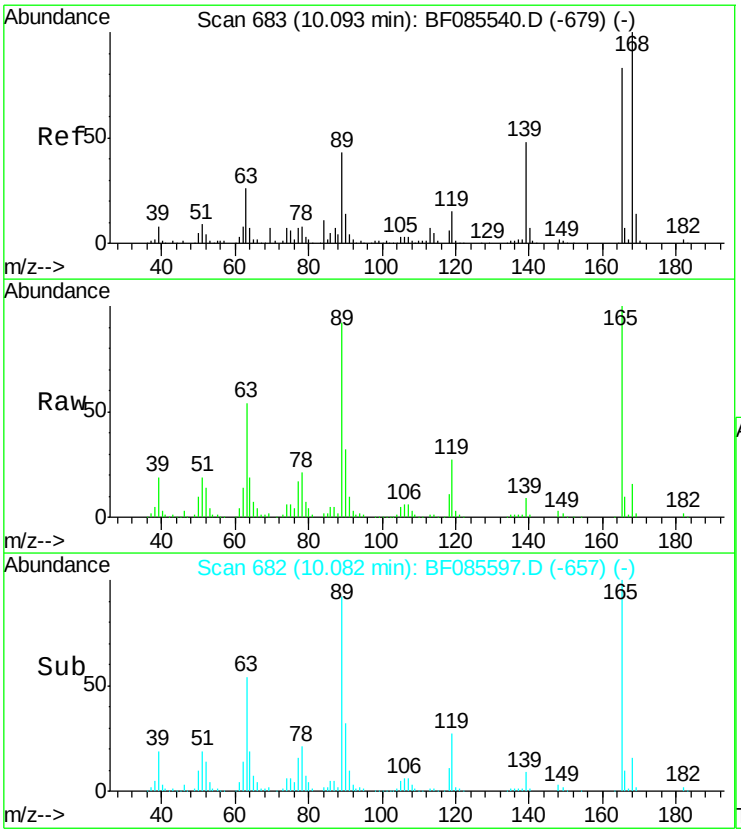
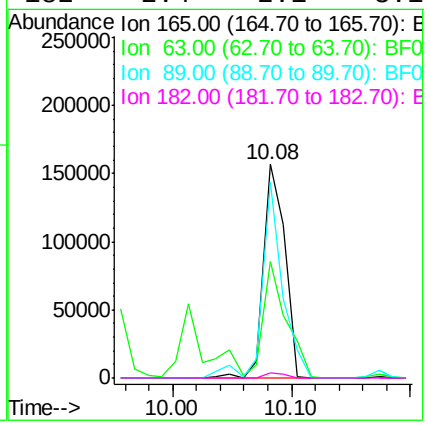
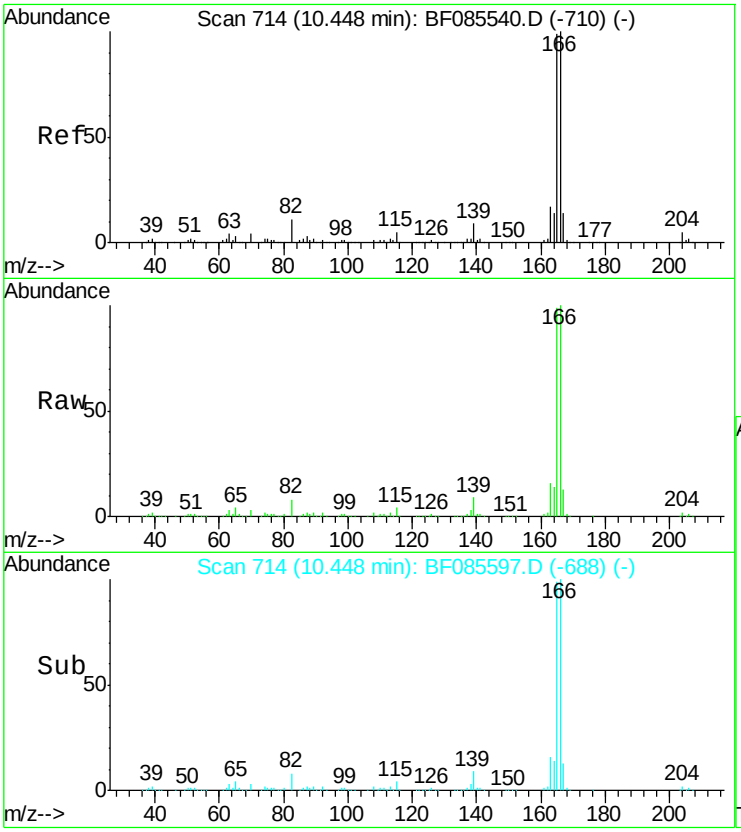


#56
2,4-Dinitrotoluene
Concen: 44.49 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:165 Resp: 196881

Ion	Ratio	Lower	Upper
165	100		
63	54.4	24.9	37.3#
89	91.5	41.0	61.6#
182	2.4	2.1	3.1

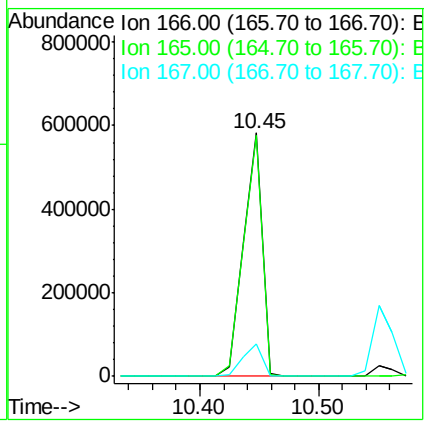




#57
Fluorene
Concen: 46.70 ng
RT: 10.45 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:166 Resp: 643528

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.4	119.0
167	13.1	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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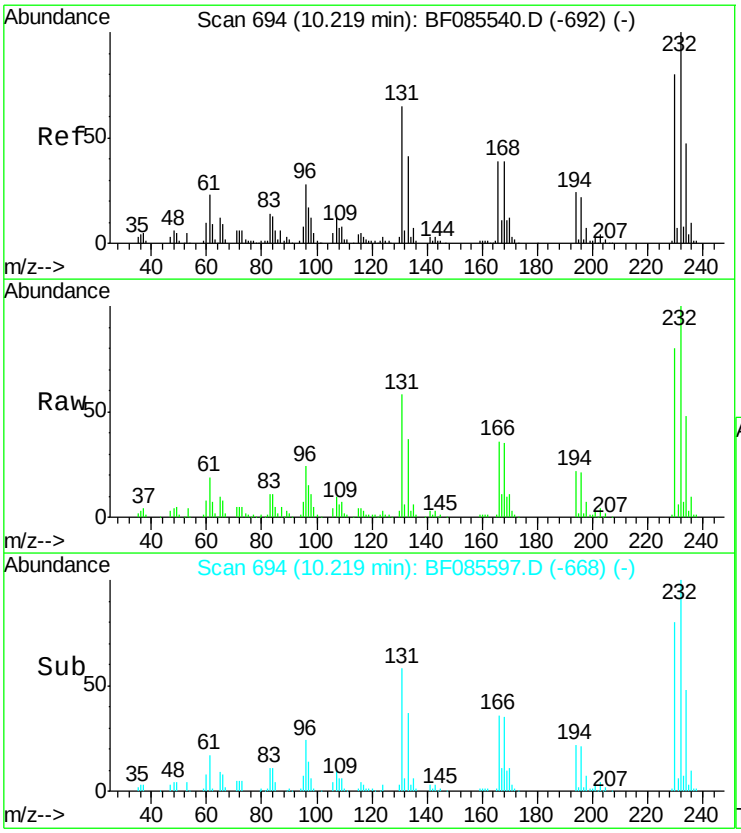
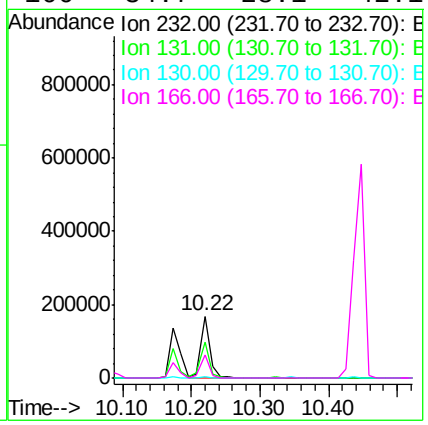
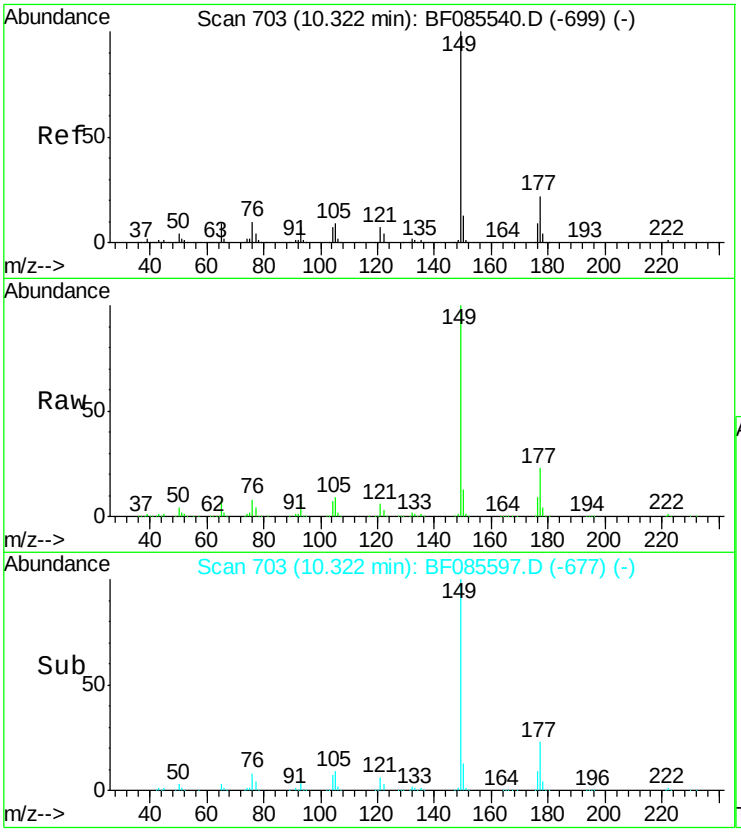


#58
2,3,4,6-Tetrachlorophenol
Concen: 47.79 ng
RT: 10.22 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:232 Resp: 154301

Ion	Ratio	Lower	Upper
232	100		
131	55.6	44.9	67.3
130	2.7	2.3	3.5
166	34.7	28.1	42.1

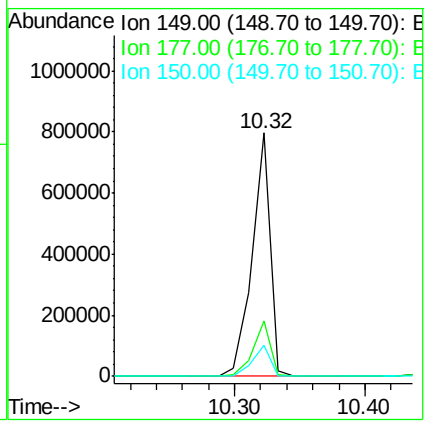




#59
Diethylphthalate
Concen: 48.03 ng
RT: 10.32 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:149 Resp: 764648

Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.9	26.9
150	12.8	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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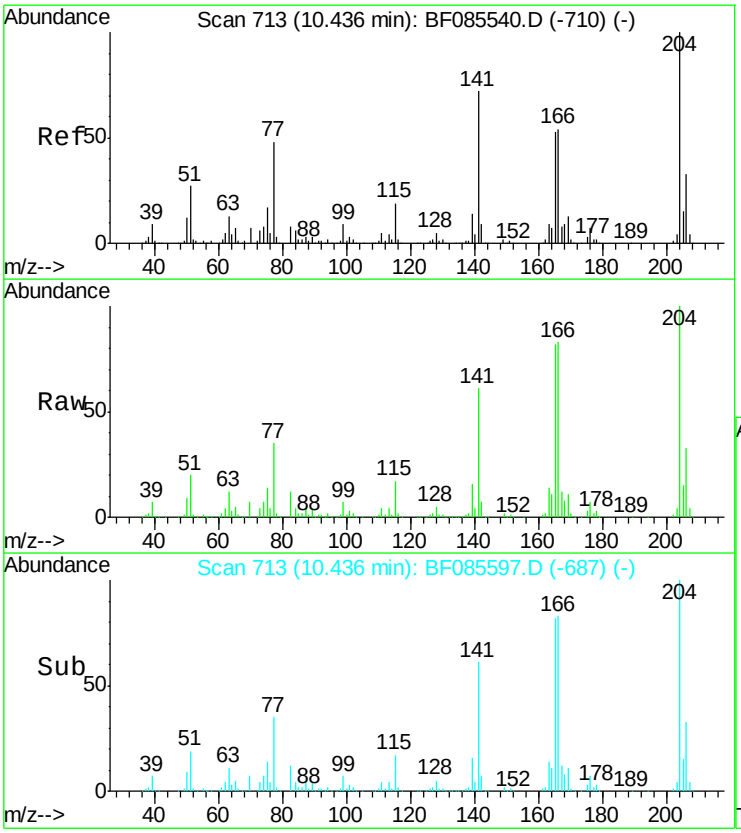
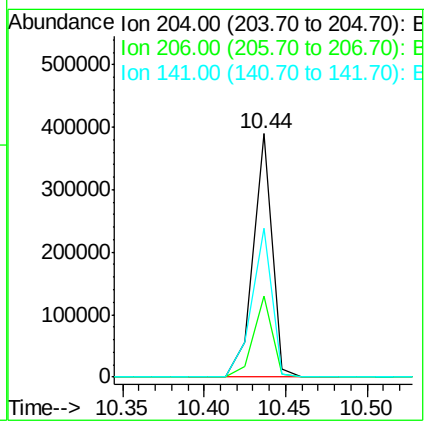
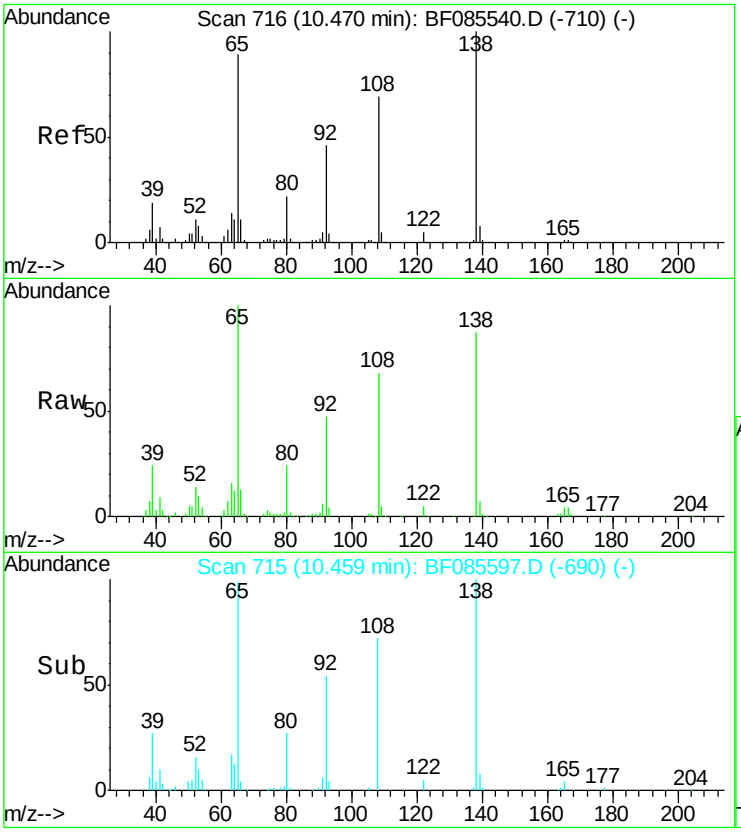


#60
4-Chlorophenyl-phenylether
Concen: 46.94 ng
RT: 10.44 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:204 Resp: 315911

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	61.3	57.4	86.0

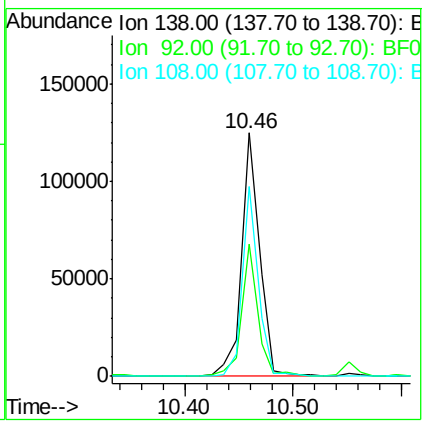




#61
4-Nitroaniline
Concen: 34.35 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:138 Resp: 143357

Ion	Ratio	Lower	Upper
138	100		
92	54.3	26.4	66.4
108	77.9	49.0	89.0



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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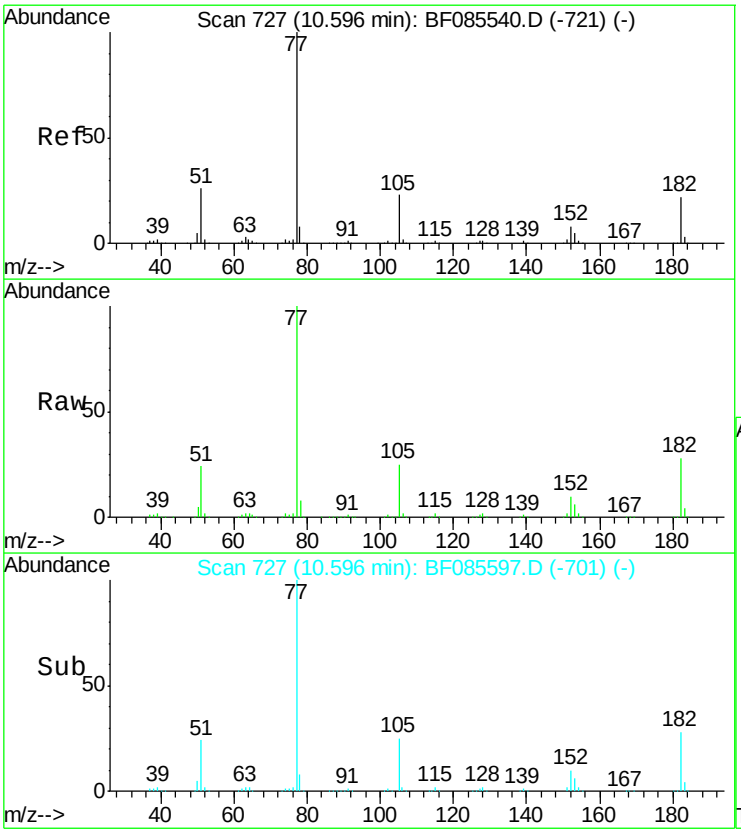
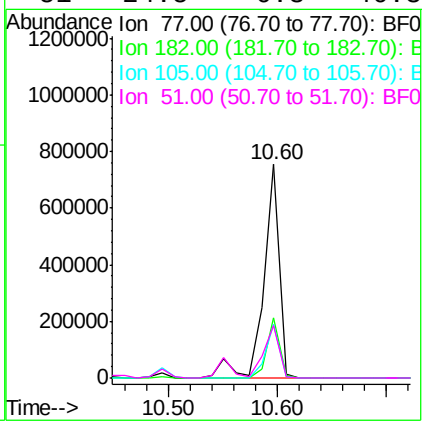
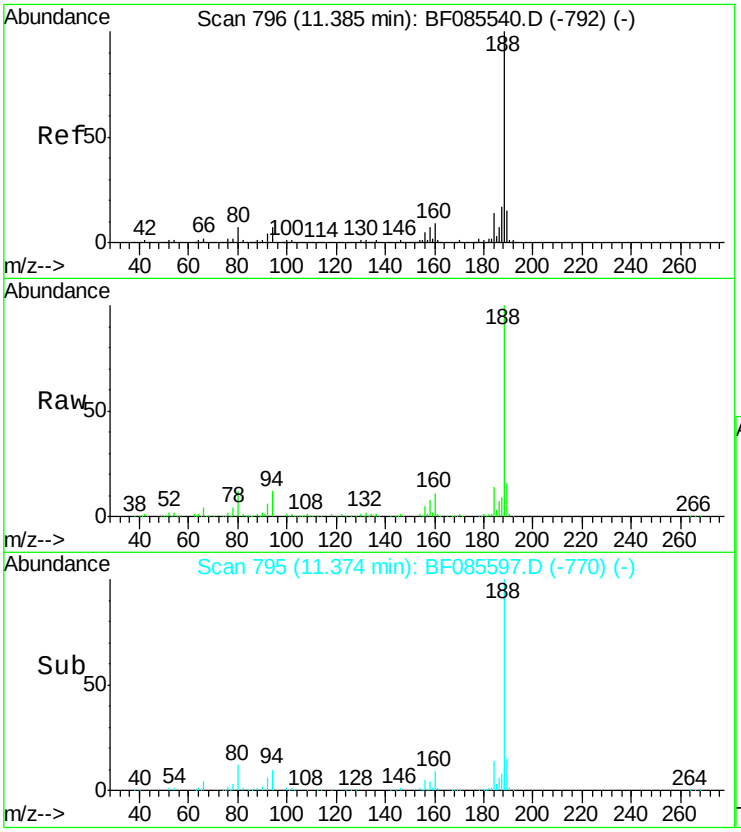


#62
Azobenzene
Concen: 50.24 ng
RT: 10.60 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion: 77 Resp: 767509

Ion	Ratio	Lower	Upper
77	100		
182	28.0	1.9	41.9
105	24.9	3.5	43.5
51	24.5	6.3	46.3





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:188 Resp: 344423

Ion	Ratio	Lower	Upper
188	100		
94	11.6	5.4	8.0#
80	12.3	5.5	8.3#

Instrument :
BNA_F
ClientSampleId :
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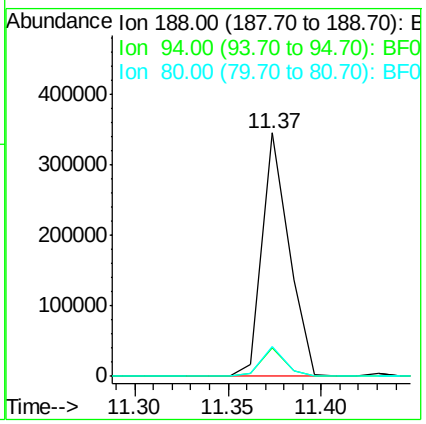
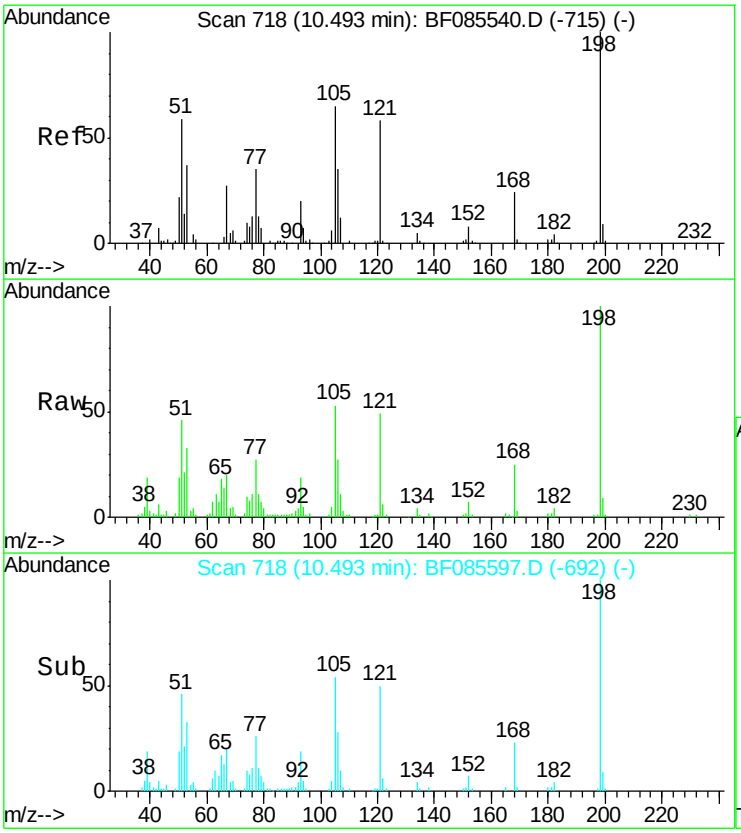
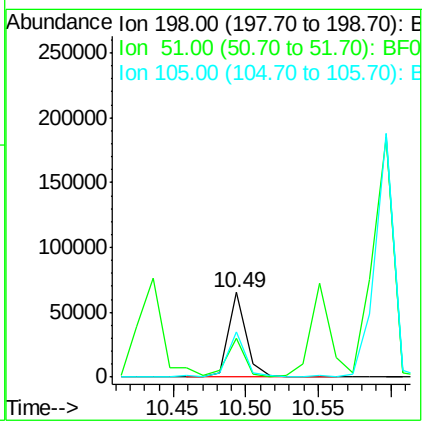


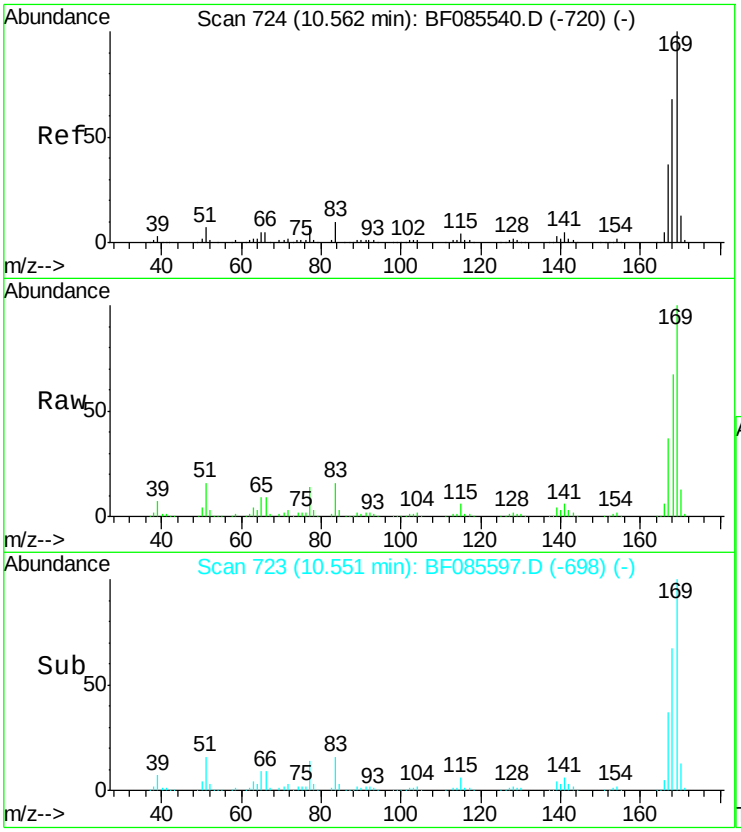


#64
4,6-Dinitro-2-methylphenol
Concen: 25.15 ng
RT: 10.49 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:198 Resp: 55429

Ion	Ratio	Lower	Upper
198	100		
51	46.1	45.4	85.4
105	53.2	45.9	85.9

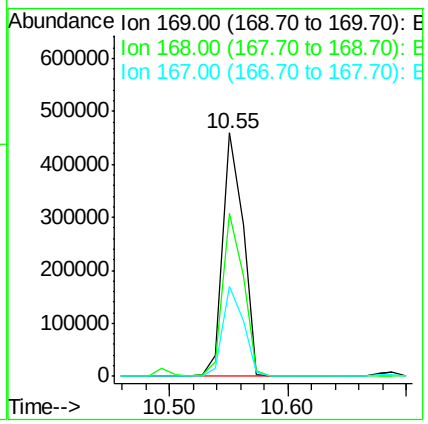




#65
n-Nitrosodiphenylamine
Concen: 50.77 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:169 Resp: 544678

Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.4	81.6
167	36.9	29.4	44.0



Instrument :
BNA_F
ClientSampleId :
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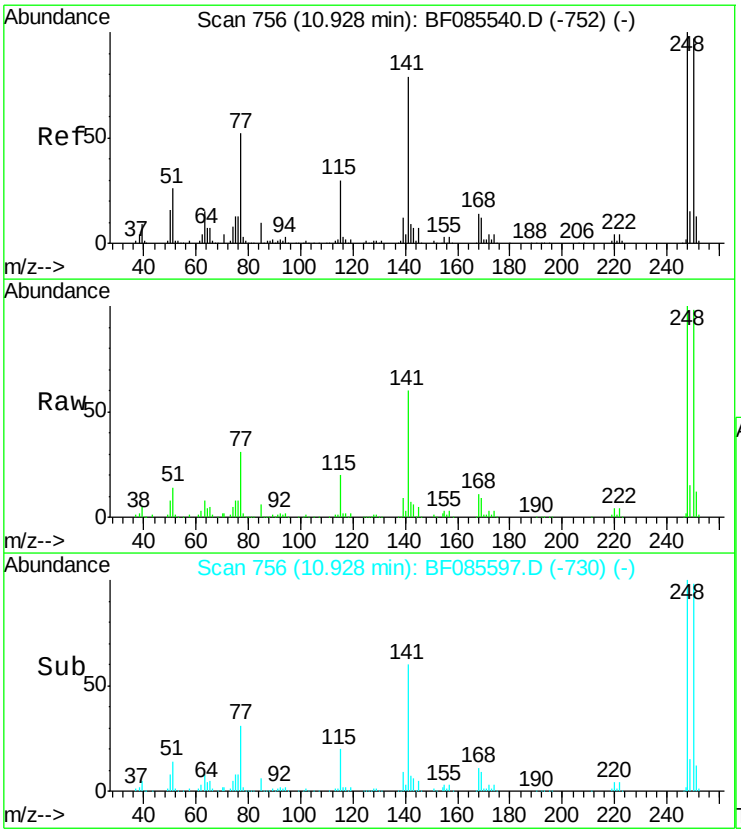
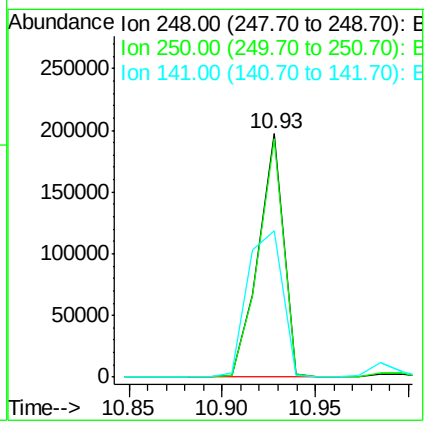
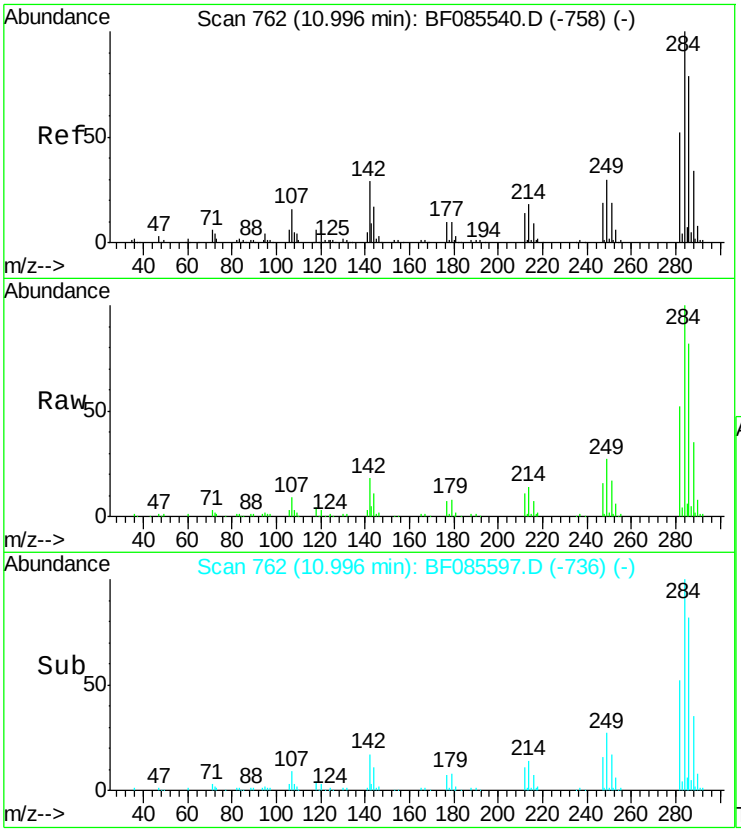


#66
4-Bromophenyl-phenylether
Concen: 53.53 ng
RT: 10.93 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:248 Resp: 184184

Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.4	116.0
141	60.3	63.6	95.4#

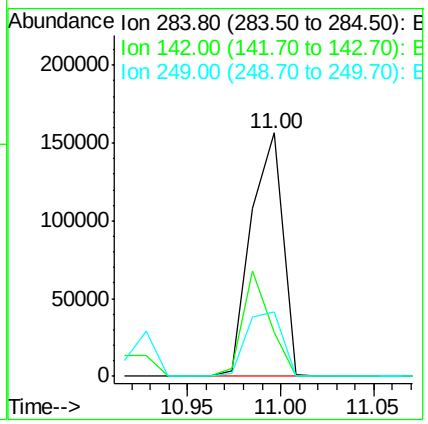




#67
Hexachlorobenzene
Concen: 50.57 ng
RT: 11.00 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:284 Resp: 184843

Ion	Ratio	Lower	Upper
284	100		
142	17.9	23.1	34.7#
249	26.5	24.2	36.2



Instrument :
BNA_F
ClientSampleId :
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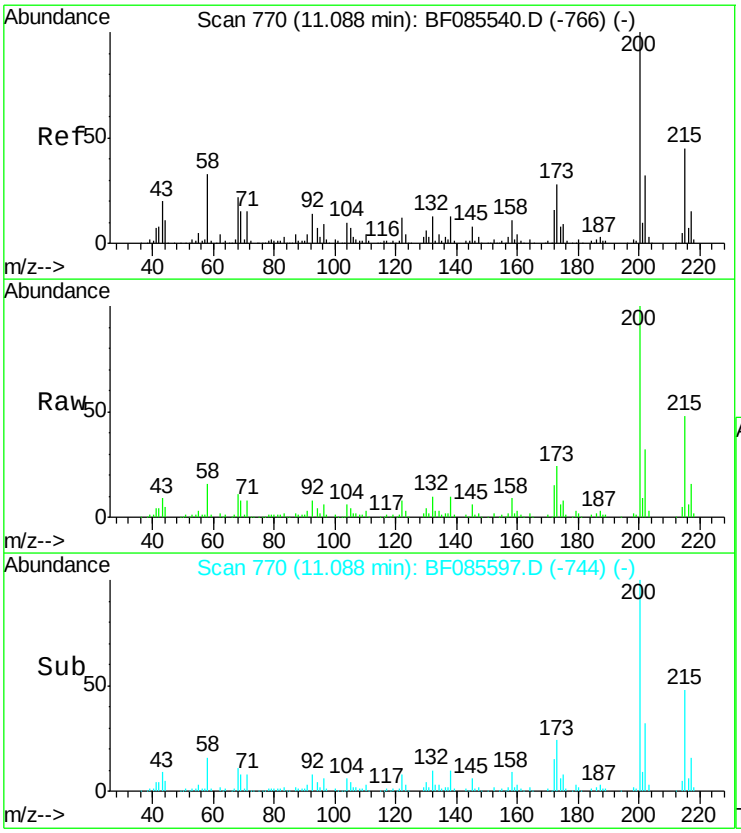
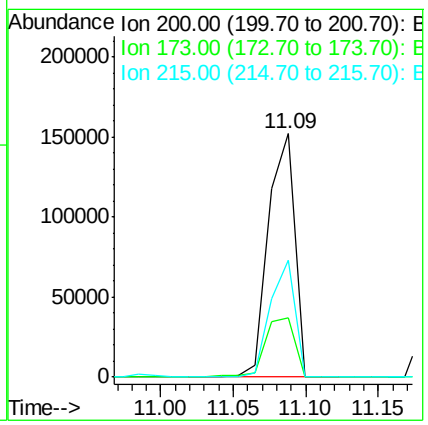
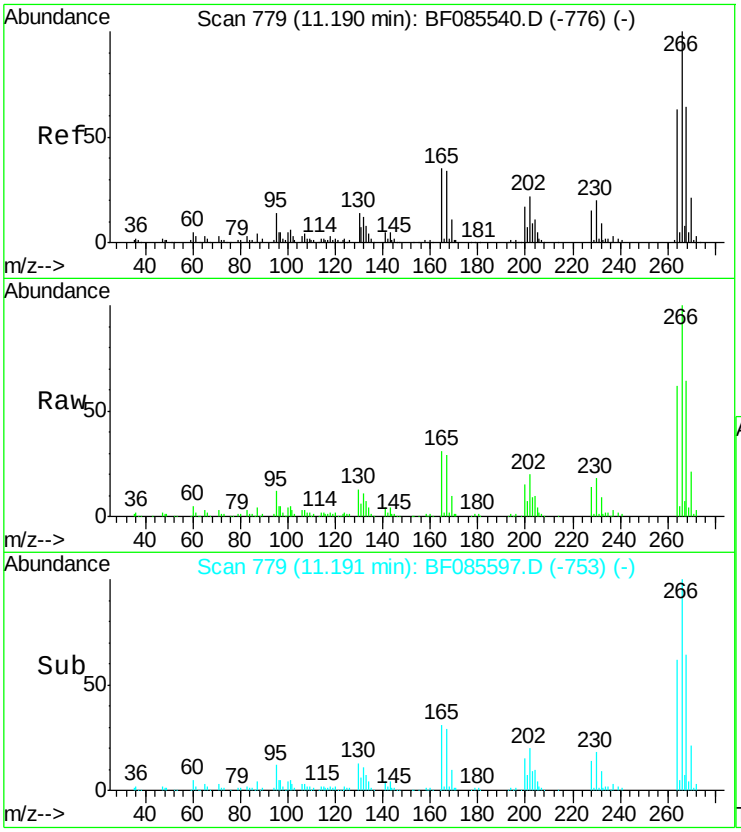


#68
Atrazine
Concen: 58.57 ng
RT: 11.09 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:200 Resp: 191323

Ion	Ratio	Lower	Upper
200	100		
173	24.1	7.7	47.7
215	47.8	25.4	65.4

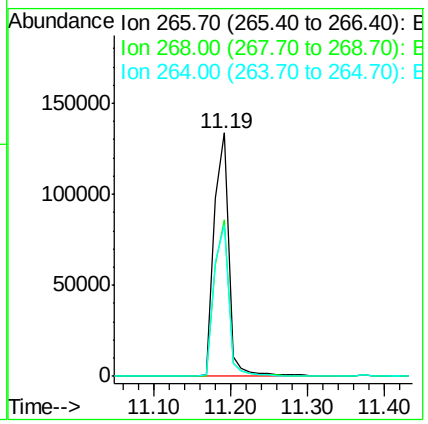




#69
Pentachlorophenol
Concen: 79.75 ng
RT: 11.19 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:266 Resp: 176992

Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.5	77.3
264	62.3	50.6	76.0



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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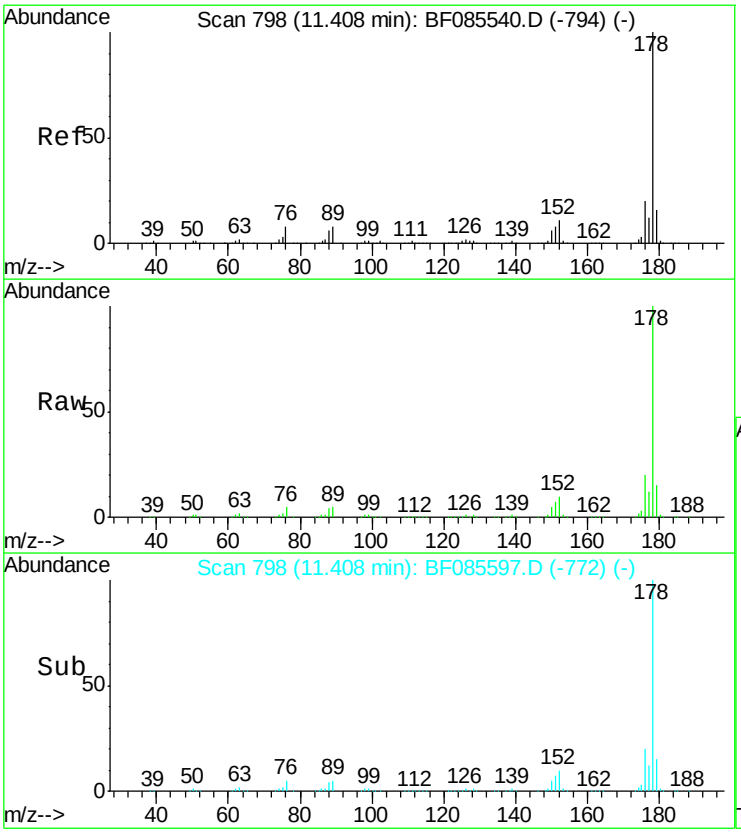
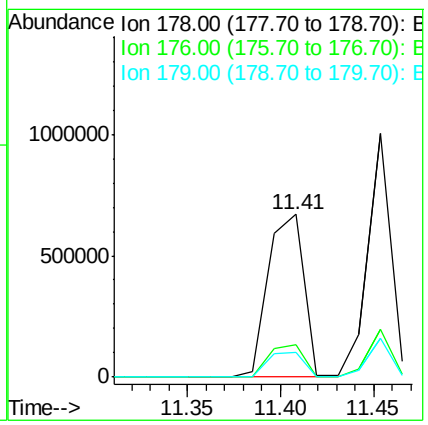
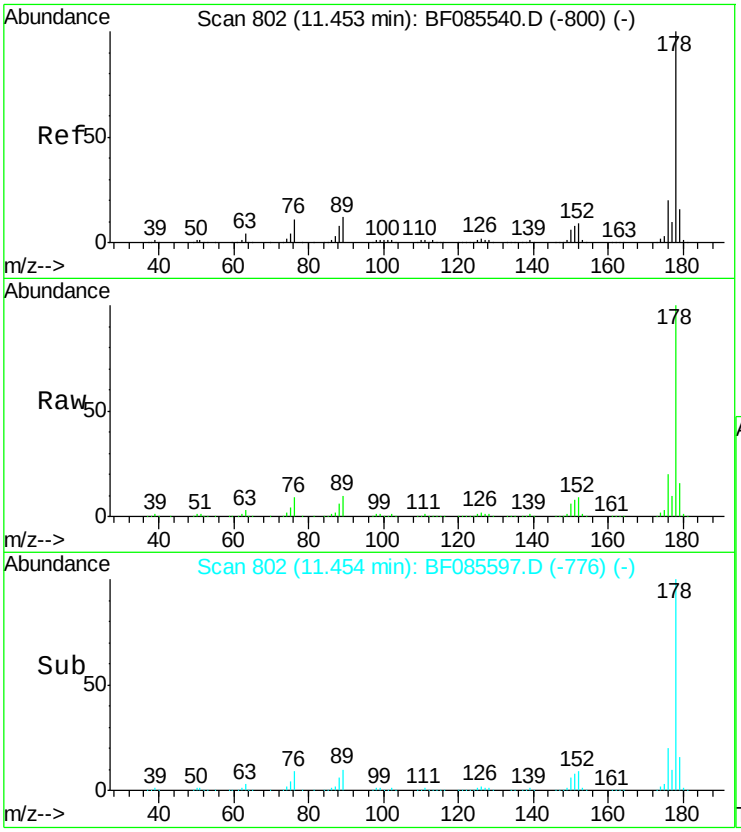


#70
Phenanthrene
Concen: 49.01 ng
RT: 11.41 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:178 Resp: 890039

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.3	24.5
179	15.1	12.6	18.8

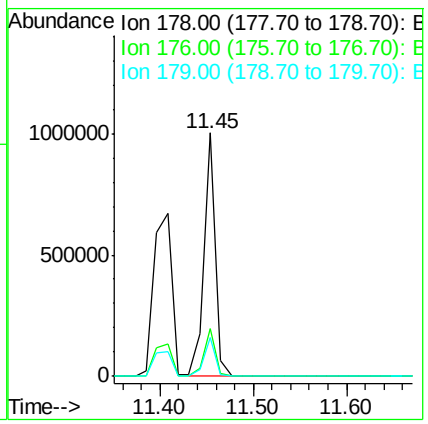




#71
Anthracene
Concen: 45.11 ng
RT: 11.45 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:178 Resp: 858964

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.0	13.0	19.4



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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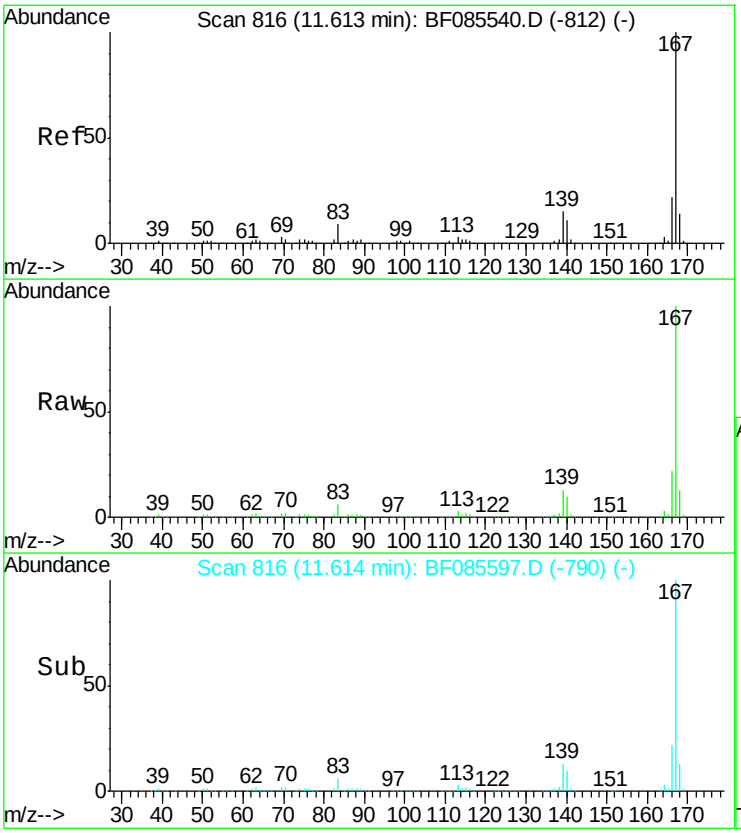
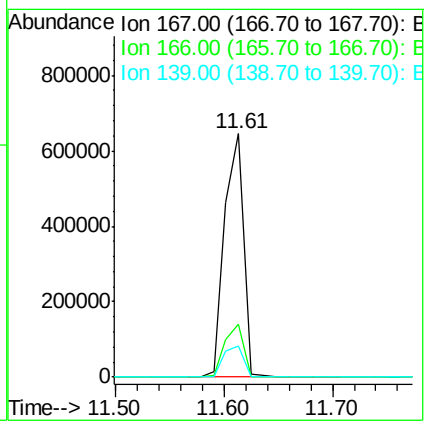
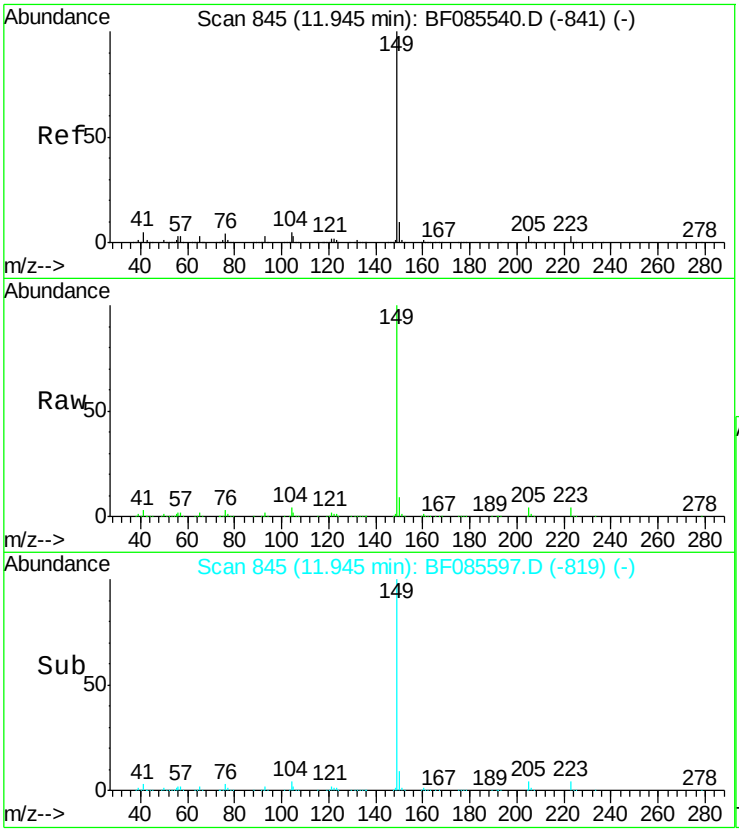


#72
Carbazole
Concen: 47.58 ng
RT: 11.61 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:167 Resp: 781697

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	12.9	11.6	17.4

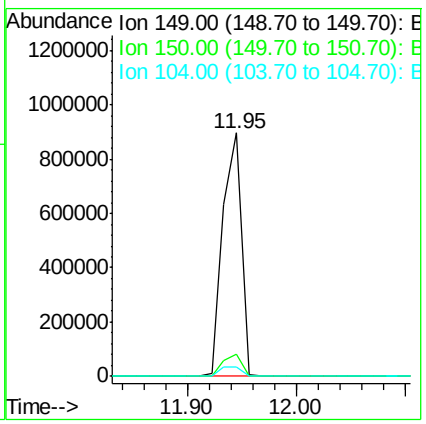




#73
Di-n-butylphthalate
Concen: 51.67 ng
RT: 11.95 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:149 Resp: 1062861

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.6	11.4
104	3.9	3.8	5.8



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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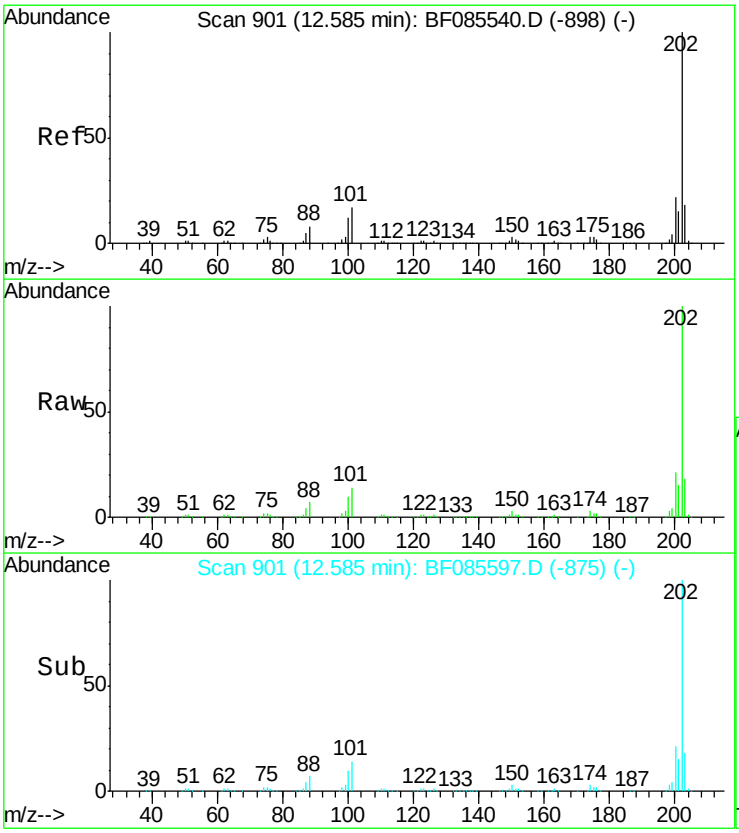
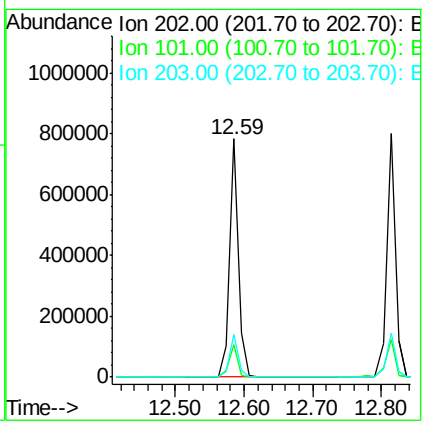
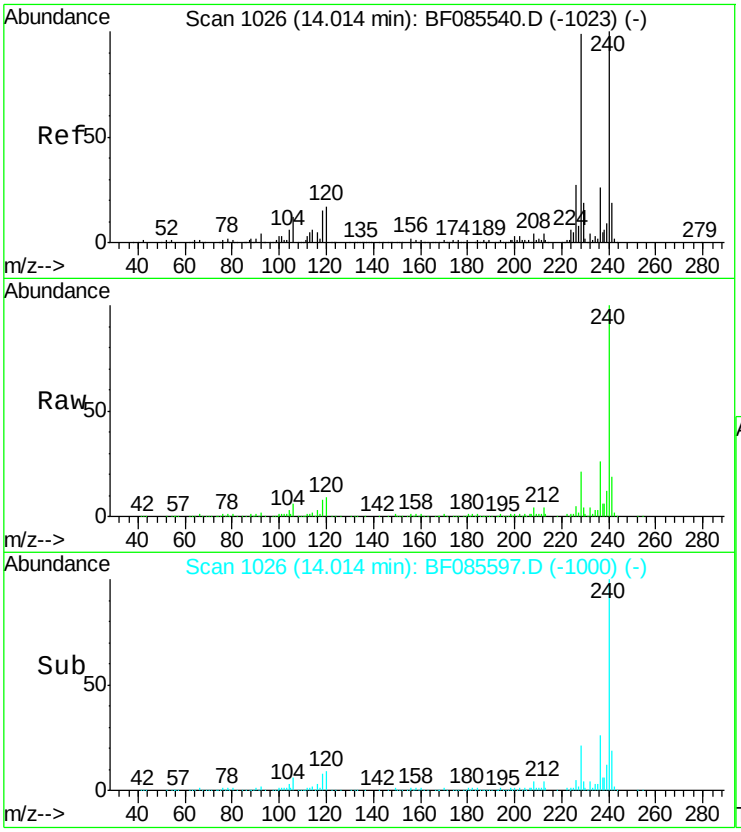


#74
Fluoranthene
Concen: 37.61 ng
RT: 12.59 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:202 Resp: 715087

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	36.6
203	17.8	0.0	38.1

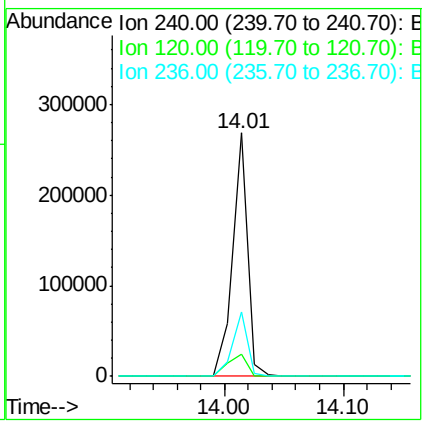




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:240 Resp: 236359

Ion	Ratio	Lower	Upper
240	100		
120	9.3	13.8	20.8#
236	26.5	20.6	30.8



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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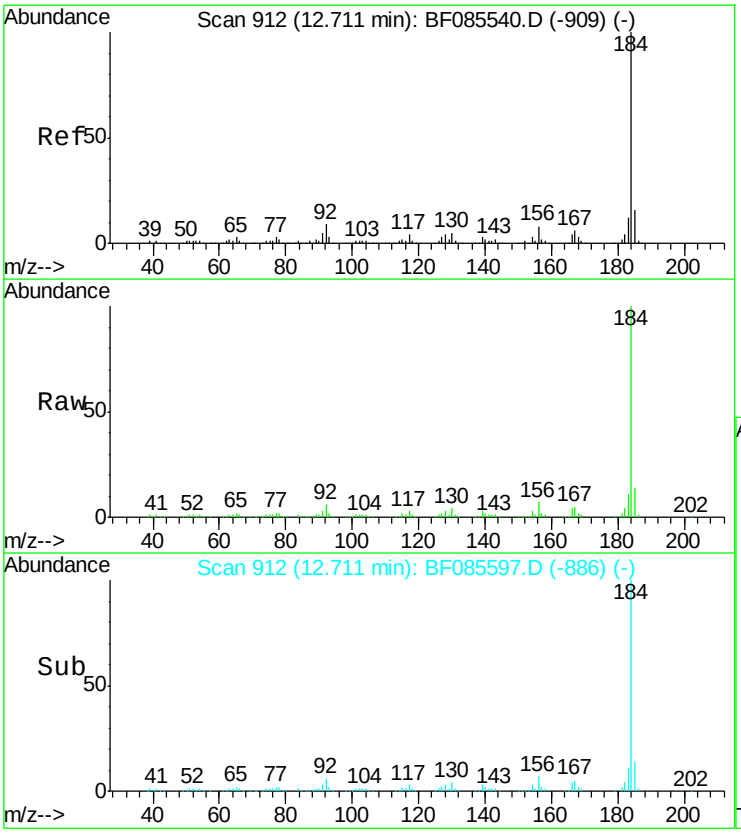
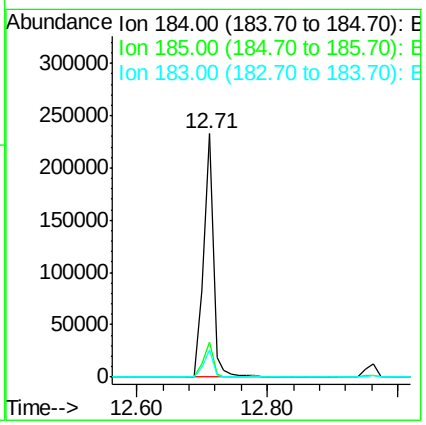
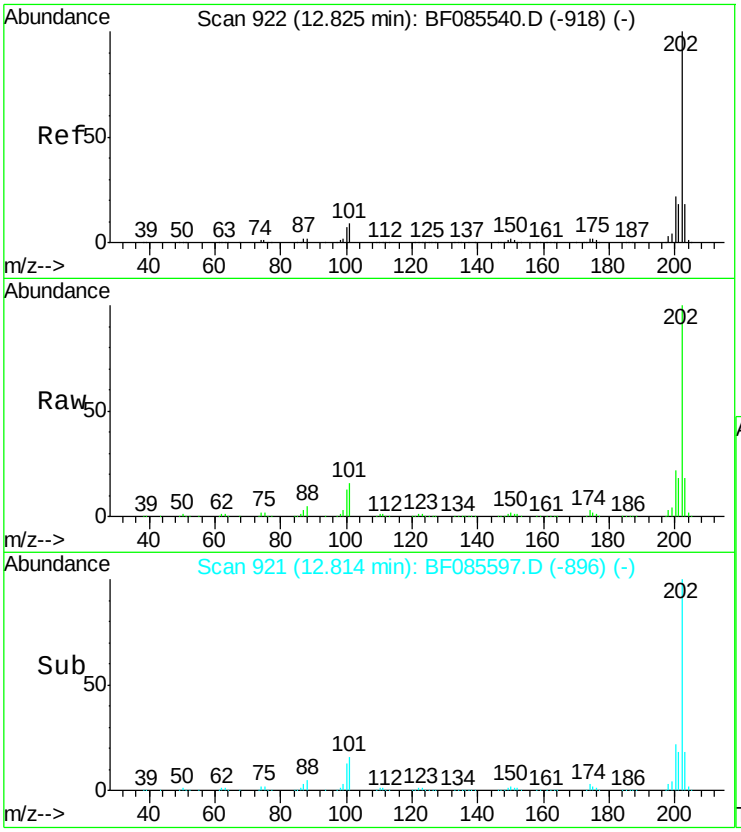


#76
Benzidine
Concen: 30.56 ng
RT: 12.71 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:184 Resp: 242899

Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.4	18.6
183	11.4	9.4	14.2

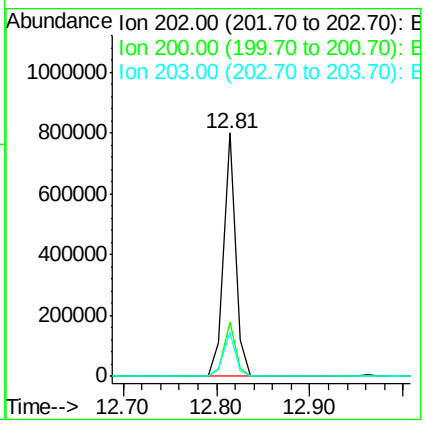




#77
Pyrene
Concen: 42.13 ng
RT: 12.81 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:202 Resp: 714981

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.1	14.0	21.0



Instrument :
BNA_F
ClientSampleId :
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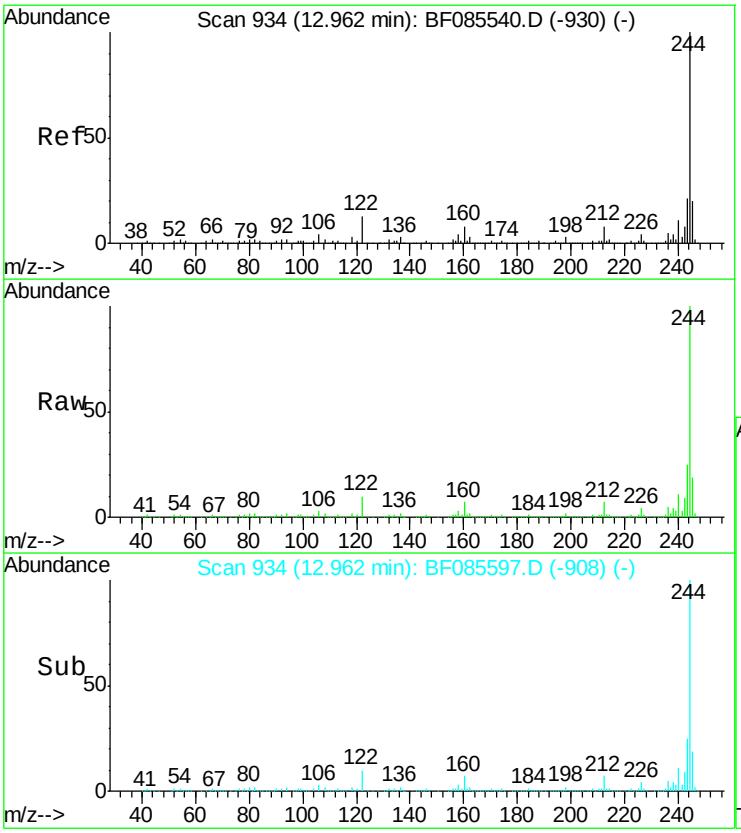
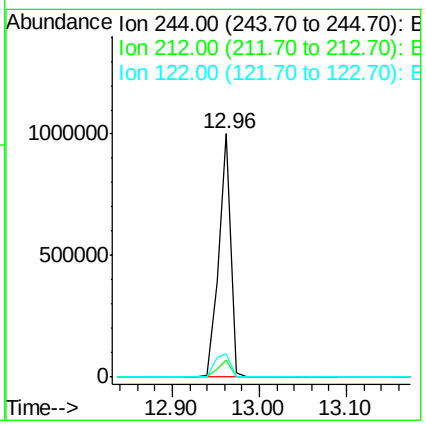
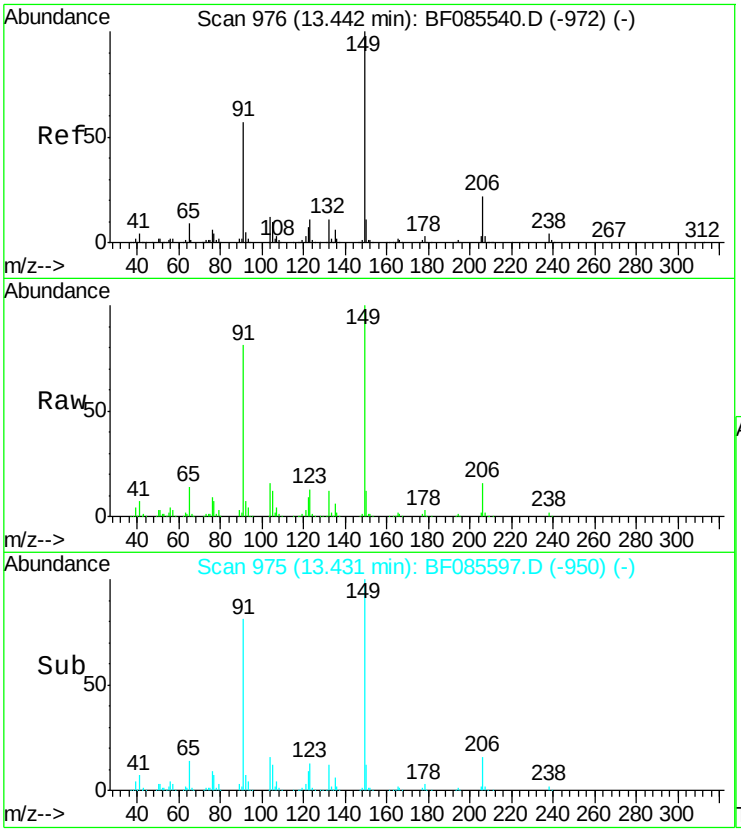


#78
Terphenyl-d14
Concen: 99.83 ng
RT: 12.96 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:244 Resp: 980561

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	9.8	10.2	15.4#





#79
Butylbenzylphthalate
Concen: 41.80 ng
RT: 13.43 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:149 Resp: 338174

Ion	Ratio	Lower	Upper
149	100		
91	81.0	45.8	68.8#
206	15.8	17.8	26.8#

Instrument :
BNA_F
ClientSampleId :
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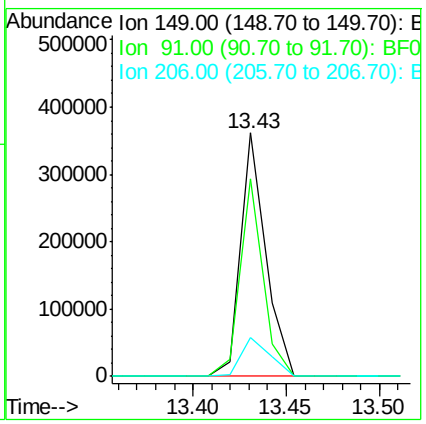
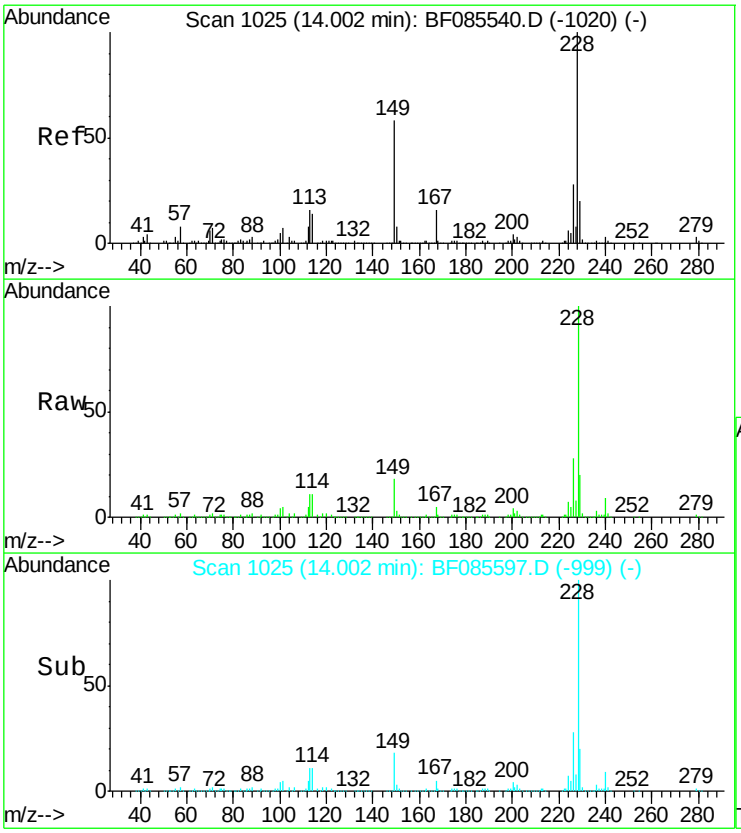
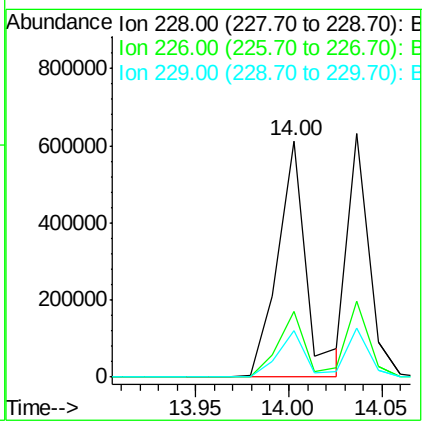


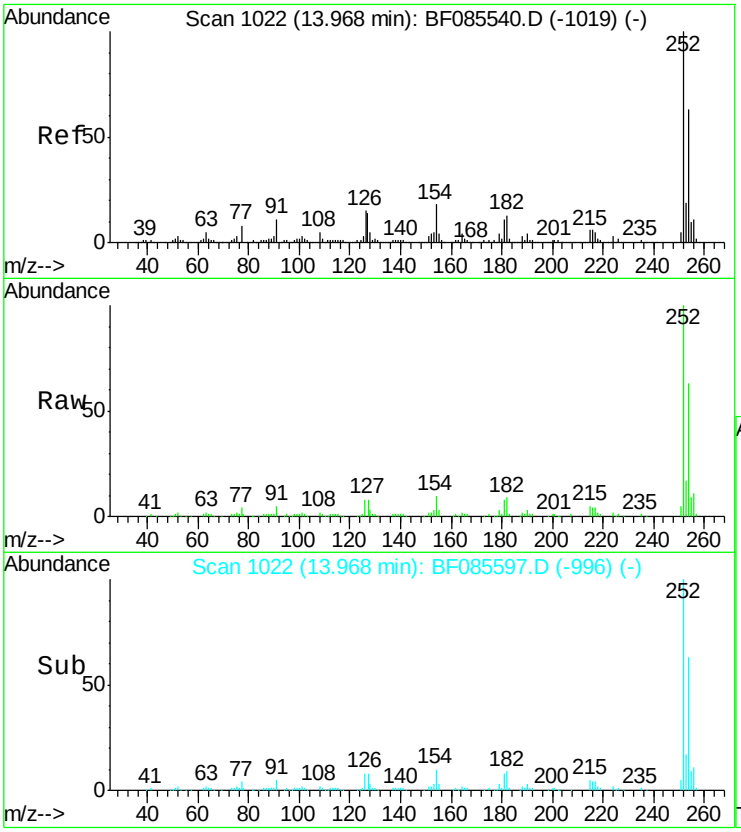


#80
Benzo(a)anthracene
Concen: 47.82 ng
RT: 14.00 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:228 Resp: 656171

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	19.7	16.2	24.4

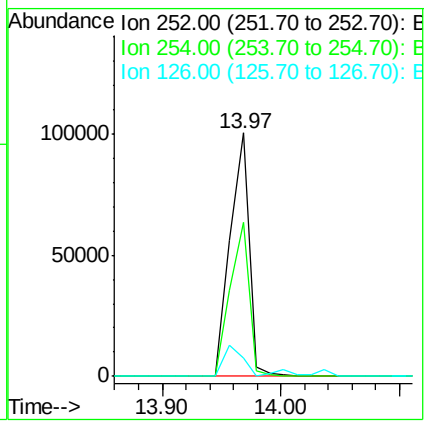




#81
3,3'-Dichlorobenzidine
Concen: 22.33 ng
RT: 13.97 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:252 Resp: 112280

Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.7	76.1
126	7.6	11.8	17.6#



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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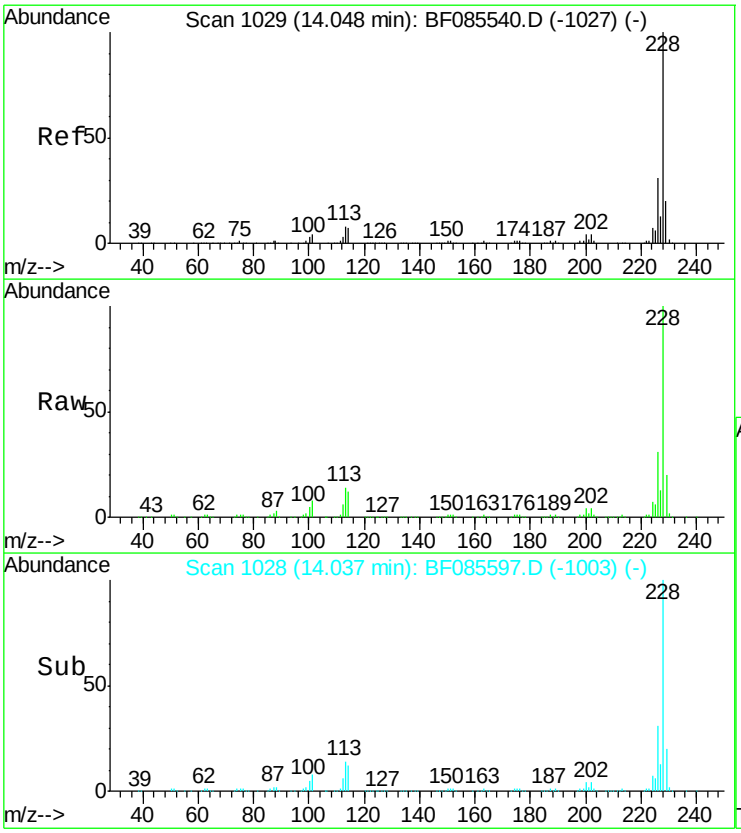
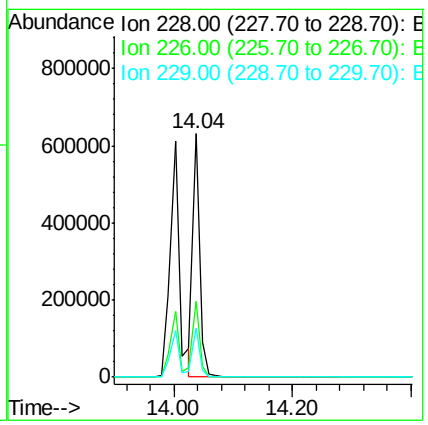
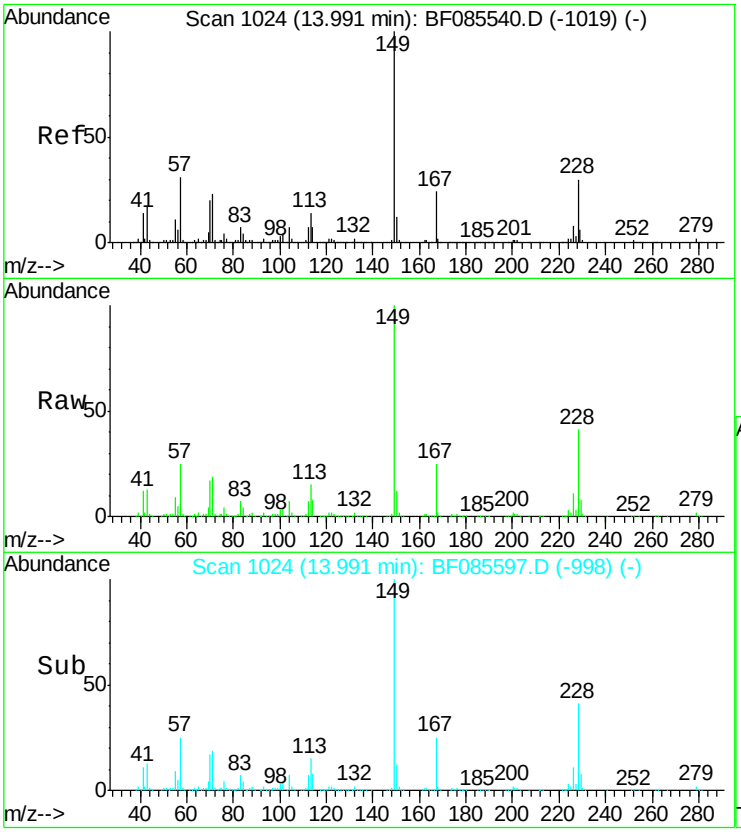


#82
Chrysene
Concen: 38.76 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:228 Resp: 511651

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.2	15.7	23.5





#83
Bis(2-ethylhexyl)phthalate
Concen: 45.08 ng
RT: 13.99 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:149 Resp: 453043

Ion	Ratio	Lower	Upper
149	100		
167	25.4	19.4	29.2
279	2.5	1.5	2.3#

Instrument :
BNA_F
ClientSampleId :
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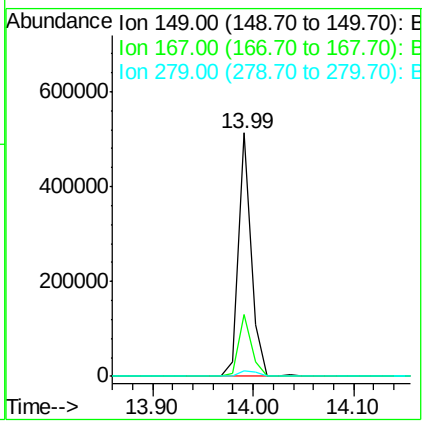
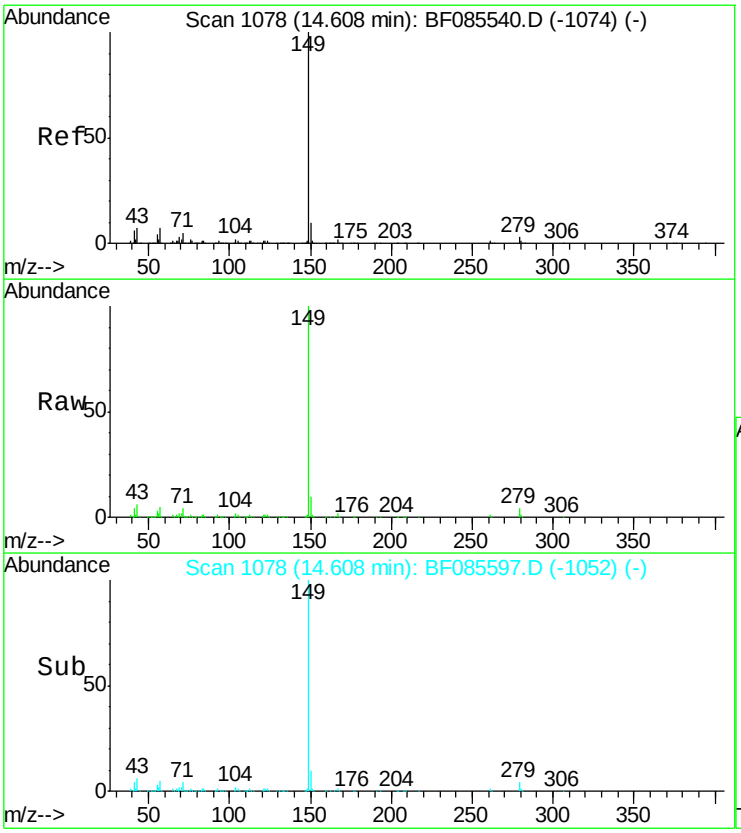
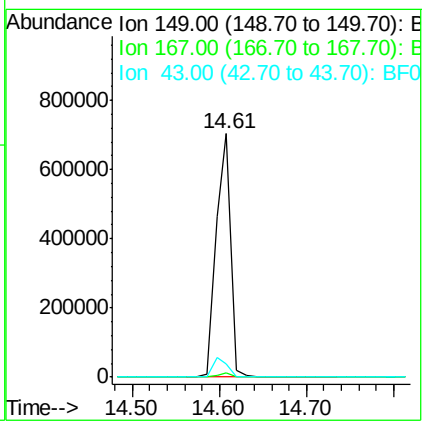


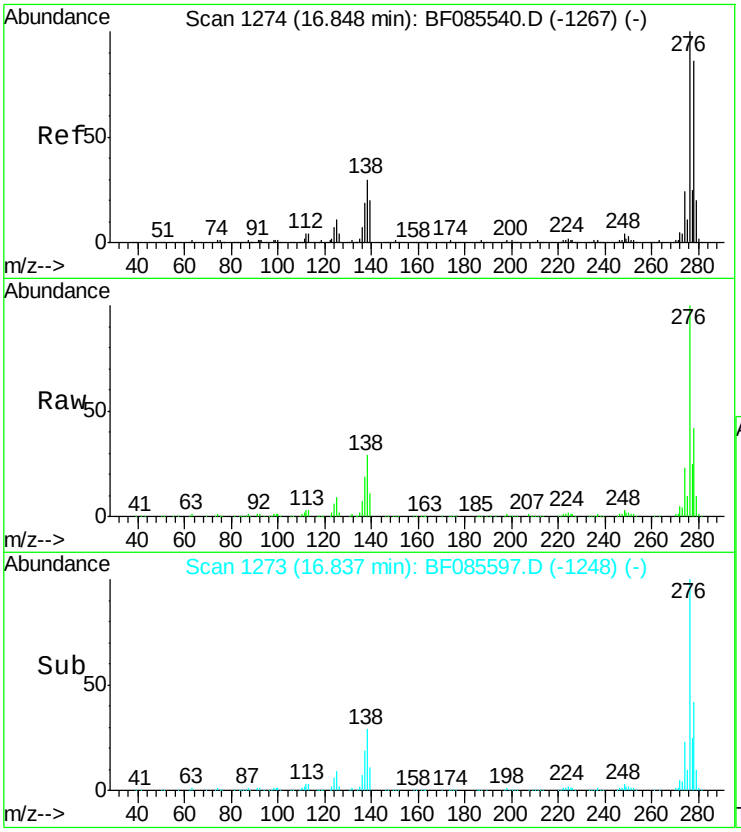


#84
Di-n-octyl phthalate
Concen: 50.50 ng
RT: 14.61 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:149 Resp: 827064

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.3	7.1	10.7

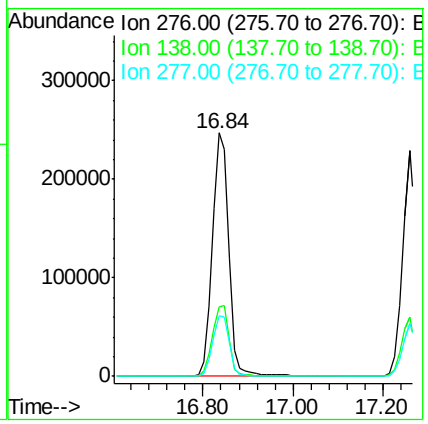




#85
Indeno(1,2,3-cd)pyrene
Concen: 57.05 ng
RT: 16.84 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:276 Resp: 629350

Ion	Ratio	Lower	Upper
276	100		
138	30.0	24.2	36.4
277	25.4	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
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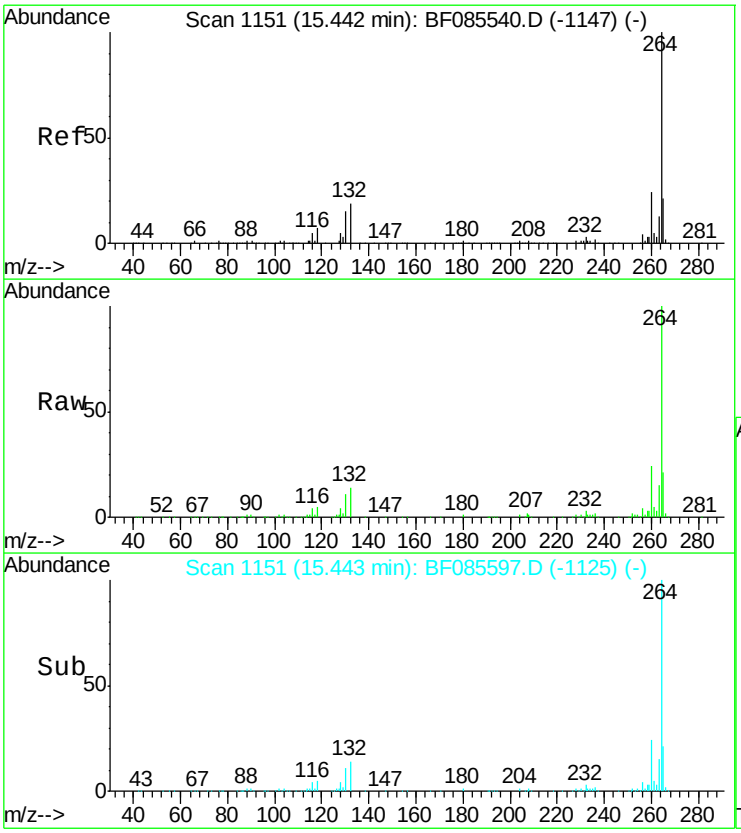
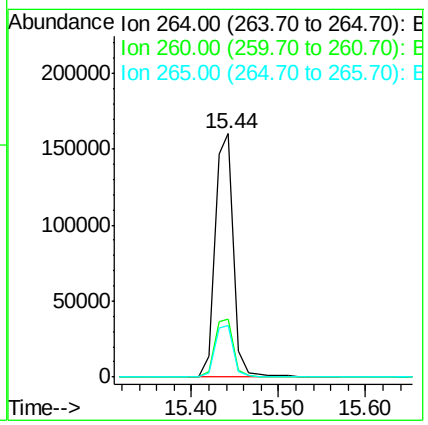
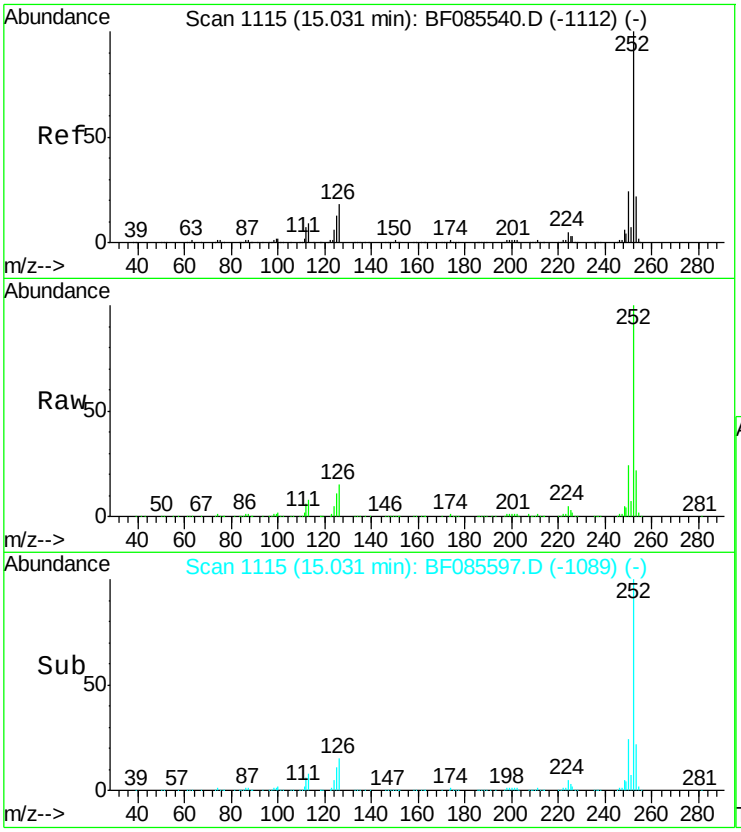


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:264 Resp: 237405

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.2	17.2	25.8

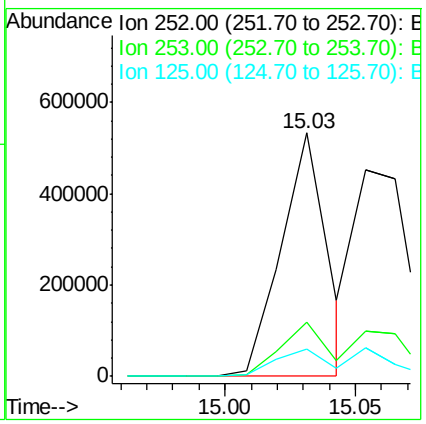




#87
Benzo(b)fluoranthene
Concen: 41.90 ng
RT: 15.03 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:252 Resp: 648981

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	11.4	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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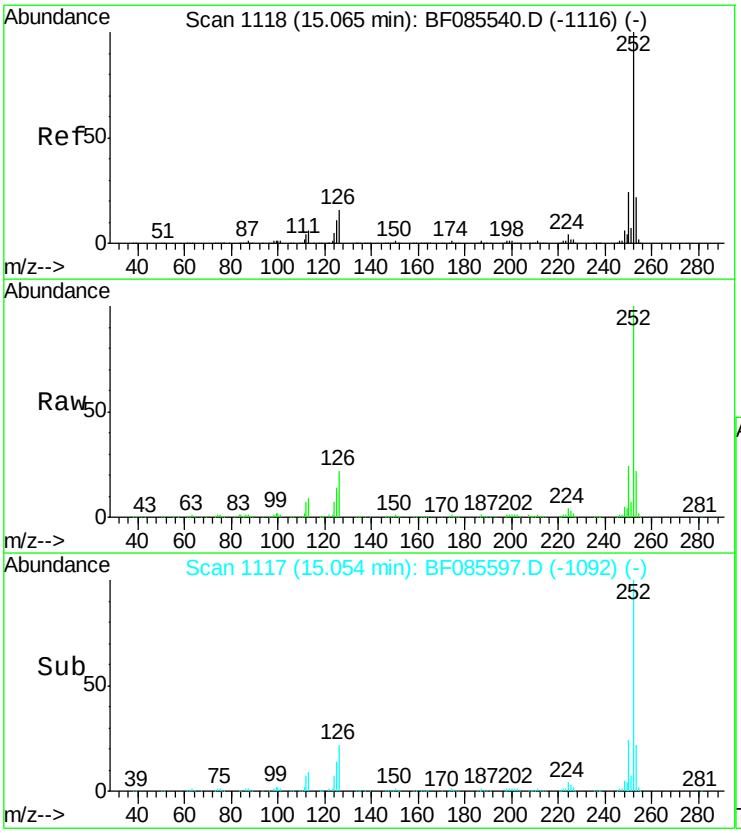
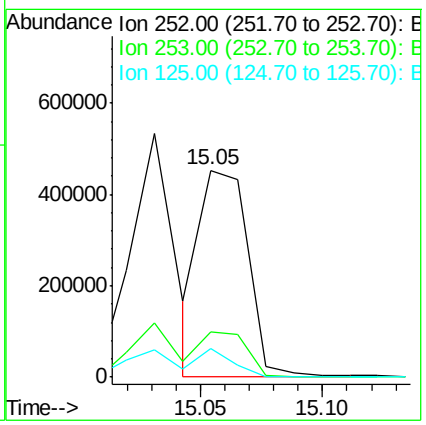
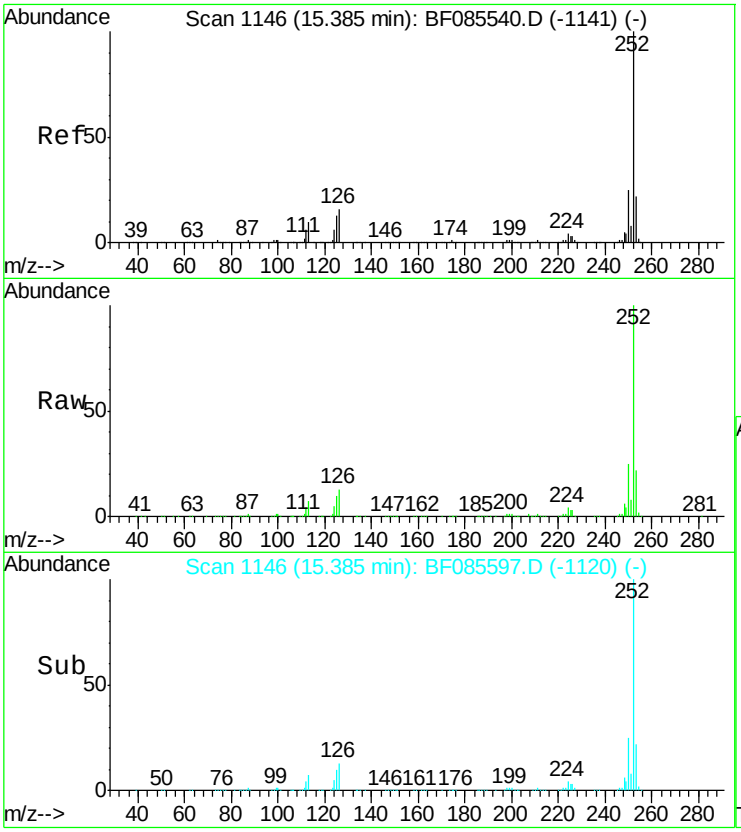


#88
Benzo(k)fluoranthene
Concen: 49.61 ng m
RT: 15.05 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:252 Resp: 633144

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	14.1	7.7	11.5#





#89
Benzo(a)pyrene
Concen: 48.58 ng
RT: 15.39 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:252 Resp: 637932

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	9.5	10.3	15.5#

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

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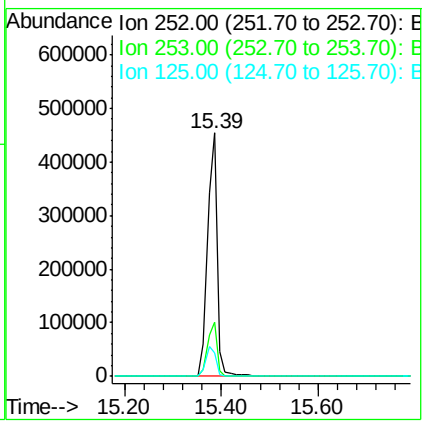
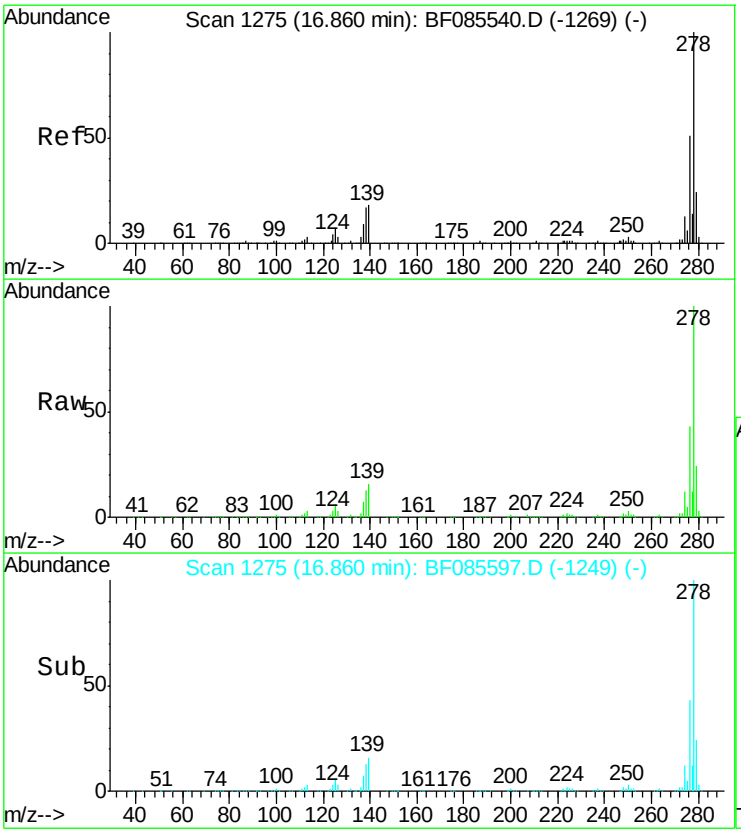
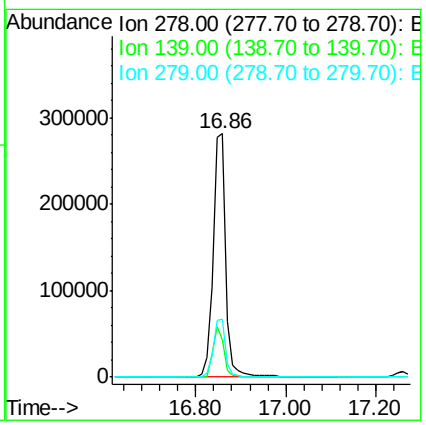


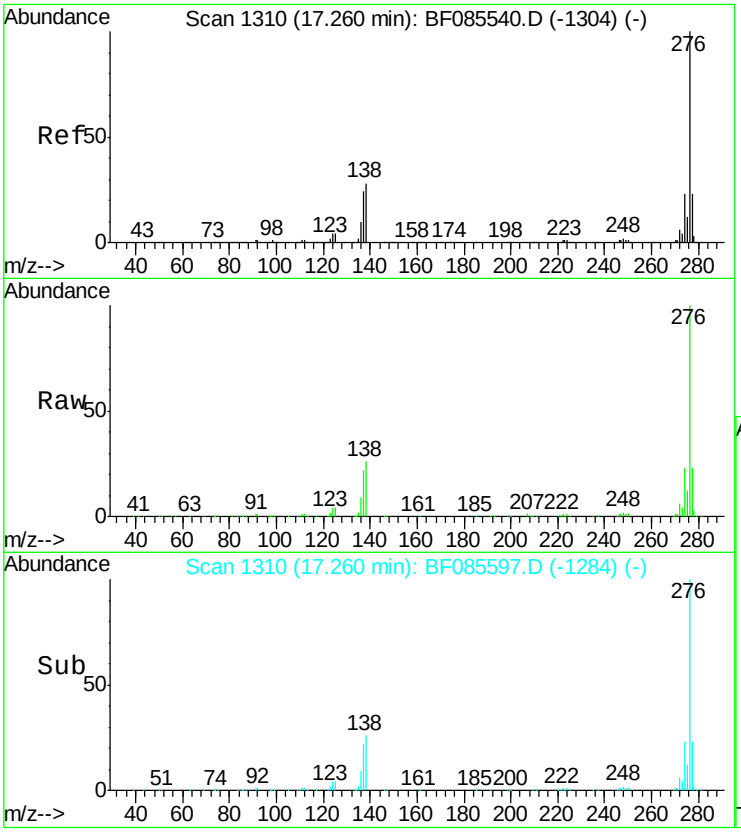


#90
Dibenzo(a,h)anthracene
Concen: 50.16 ng
RT: 16.86 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:278 Resp: 549370

Ion	Ratio	Lower	Upper
278	100		
139	15.6	14.4	21.6
279	23.6	19.1	28.7

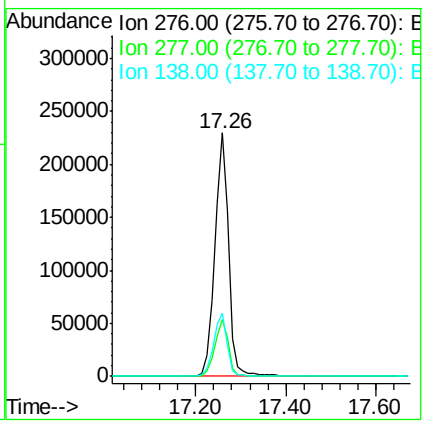




#91
Benzo(g,h,i)perylene
Concen: 46.12 ng
RT: 17.26 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:276 Resp: 488921

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	26.1	22.6	34.0



Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

Manual Integrations APPROVED
apatel
3/21/2016 5:09:59 PM