Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092625.D
Acq On : 30 Jan 2017 11:21
Operator : SJ/MA
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
mohammad
1/31/2017 4:44:31 PM

Quant Time: Jan 30 14:47:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 13:46:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	168650	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	626842	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	354068	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	603712	20.00	ng		0.00
75) Chrysene-d12	14.13	240	574890	20.00	ng		-0.01
86) Perylene-d12	15.61	264	513152	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	50857	4.69	ng		0.00
7) Phenol-d6	6.60	99	69052	5.00	ng		0.00
23) Nitrobenzene-d5	7.53	82	65483	5.71	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	13942	5.78	ng		-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	13.08	244	136794	6.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	14748	2.56	ng	#	93
3) Pyridine	3.45	79	32827m	2.00	ng		
4) n-Nitrosodimethylamine	3.34	42	15301	1.90	ng	#	82
6) Aniline	6.62	93	49586	2.41	ng	#	43
8) 2-Chlorophenol	6.75	128	29073	2.55	ng		93
9) Benzaldehyde	6.51	77	23994	2.45	ng		98
10) Phenol	6.61	94	40274	2.42	ng		82
11) bis(2-Chloroethyl)ether	6.69	93	33679	2.70	ng		98
12) 1,3-Dichlorobenzene	6.90	146	32698m	2.43	ng		
13) 1,4-Dichlorobenzene	6.98	146	35325	2.61	ng		97
14) 1,2-Dichlorobenzene	7.14	146	33882m	2.64	ng		
15) Benzyl Alcohol	7.10	79	26294	2.53	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	55104	2.23	ng		92
17) 2-Methylphenol	7.23	107	24098	2.48	ng		92
18) Hexachloroethane	7.48	117	11052	2.37	ng		91
19) n-Nitroso-di-n-propylamine	7.37	70	22449	2.39	ng		91
22) Acetophenone	7.37	105	42783	2.87	ng	#	93
24) Nitrobenzene	7.54	77	29341	2.44	ng		93
25) Isophorone	7.78	82	55268	2.44	ng	#	93
26) 2-Nitrophenol	7.87	139	13097	2.60	ng	#	83
27) 2,4-Dimethylphenol	7.90	122	24855	2.37	ng		97
28) bis(2-Chloroethoxy)methane	8.00	93	38143	2.57	ng		99
29) 2,4-Dichlorophenol	8.11	162	24220	2.67	ng		89
30) 1,2,4-Trichlorobenzene	8.19	180	26629	2.71	ng	#	97
31) Naphthalene	8.27	128	93331	2.91	ng		97
33) 4-Chloroaniline	8.33	127	36105	2.66	ng		93
34) Hexachlorobutadiene	8.40	225	14595	2.72	ng		98
35) Caprolactam	8.65	113	7368	2.43	ng	#	53
36) 4-Chloro-3-methylphenol	8.81	107	26388	2.69	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	26990	3.02	ng		99
42) 2,4,6-Trichlorophenol	9.24	196	15760	2.30	ng		95
43) 2,4,5-Trichlorophenol	9.29	196	19067	3.05	ng	#	90
45) 1,1'-Biphenyl	9.42	154	75130	2.94	ng		95
46) 2-Chloronaphthalene	9.46	162	54248	2.59	ng		95

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092625.D
Acq On : 30 Jan 2017 11:21
Operator : SJ/MA
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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Quant Time: Jan 30 14:47:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 13:46:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.55	65	17307	2.46	ng		91
48) Acenaphthylene	9.87	152	104361	3.40	ng		97
49) Dimethylphthalate	9.72	163	68211	3.03	ng		99
50) 2,6-Dinitrotoluene	9.79	165	13348	2.90	ng		98
51) Acenaphthene	10.04	154	60735	3.19	ng		98
52) 3-Nitroaniline	9.96	138	14807	2.57	ng		87
54) Dibenzofuran	10.21	168	86165	3.33	ng		91
55) 4-Nitrophenol	10.13	139	9169	2.00	ng		85
56) 2,4-Dinitrotoluene	10.19	165	16263	2.66	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.34	232	10706	2.28	ng	#	99
59) Diethylphthalate	10.42	149	60921	2.82	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	29960	3.22	ng		92
61) 4-Nitroaniline	10.57	138	14619	2.54	ng		89
62) Azobenzene	10.70	77	60311	2.45	ng		97
64) 4,6-Dinitro-2-methylphenol	10.60	198	2961	0.99	ng		82
65) n-Nitrosodiphenylamine	10.66	169	51859	2.75	ng		96
66) 4-Bromophenyl-phenylether	11.04	248	16475	2.70	ng		92
67) Hexachlorobenzene	11.10	284	18369	2.98	ng		97
68) Atrazine	11.18	200	16054	2.49	ng		94
70) Phenanthrene	11.52	178	102077	3.07	ng		98
71) Anthracene	11.57	178	105149	3.24	ng		96
72) Carbazole	11.73	167	96833	3.12	ng	#	93
73) Di-n-butylphthalate	12.05	149	105034	2.96	ng	#	97
74) Fluoranthene	12.70	202	104434	3.21	ng		98
76) Benzidine	12.83	184	62471	2.93	ng		96
77) Pyrene	12.93	202	107467	2.58	ng		99
79) Butylbenzylphthalate	13.55	149	40791	2.42	ng		99
80) Benzo(a)anthracene	14.12	228	98207	3.18	ng		97
81) 3,3'-Dichlorobenzidine	14.09	252	31495	2.68	ng	#	96
82) Chrysene	14.16	228	89777	2.72	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	61060	2.87	ng	#	98
84) Di-n-octyl phthalate	14.72	149	97497	2.53	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.07	276	74532	3.05	ng		94
87) Benzo(b)fluoranthene	15.17	252	88302	2.68	ng	#	96
88) Benzo(k)fluoranthene	15.20	252	79614m	2.91	ng		
89) Benzo(a)pyrene	15.54	252	76585	2.75	ng		99
90) Dibenzo(a,h)anthracene	17.09	278	61334	2.72	ng		98
91) Benzo(g,h,i)perylene	17.52	276	61629	2.70	ng	#	92

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

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Instrument :
BNA_F
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Manual Integrations APPROVED
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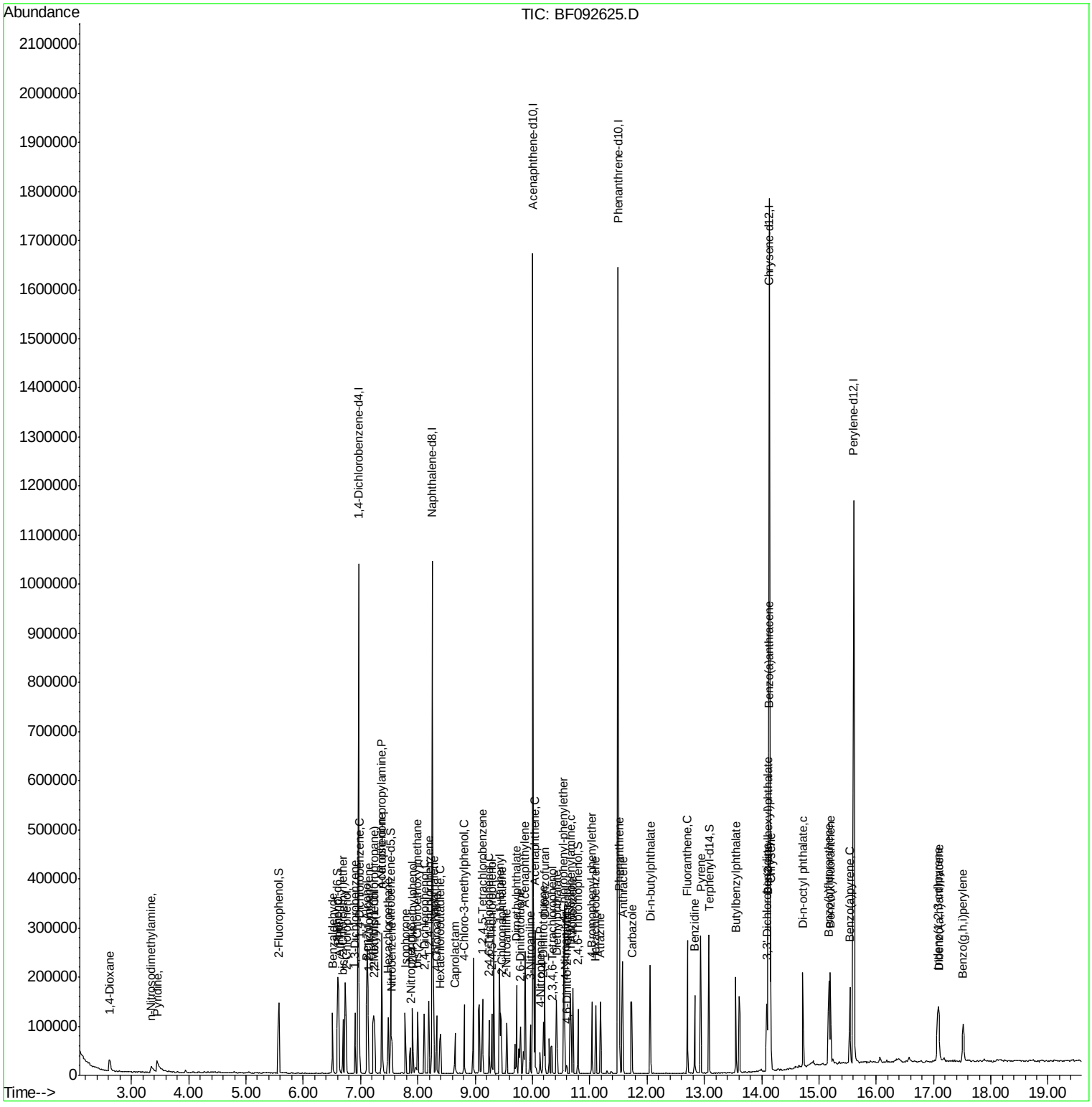
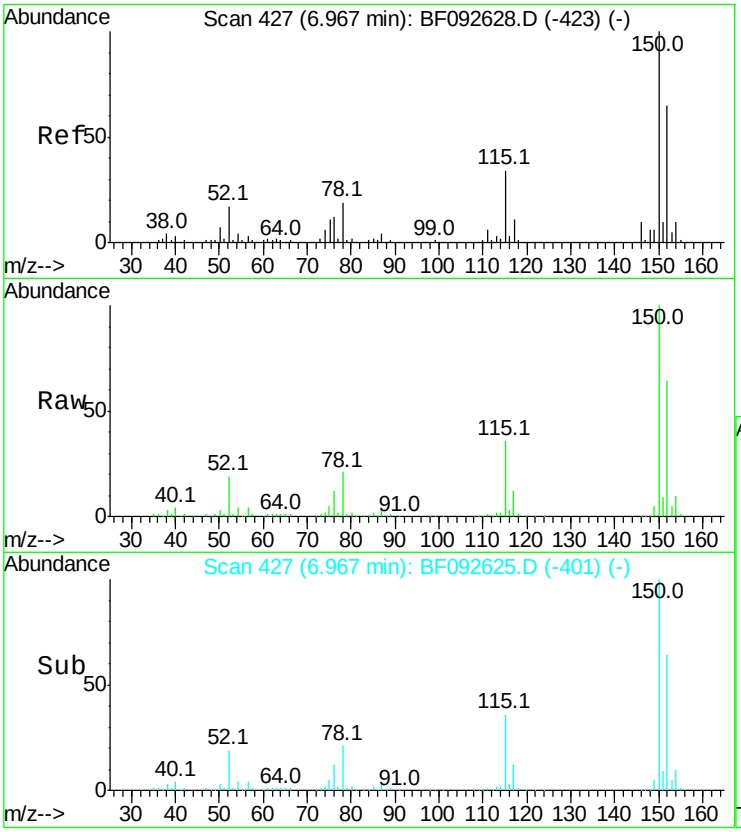
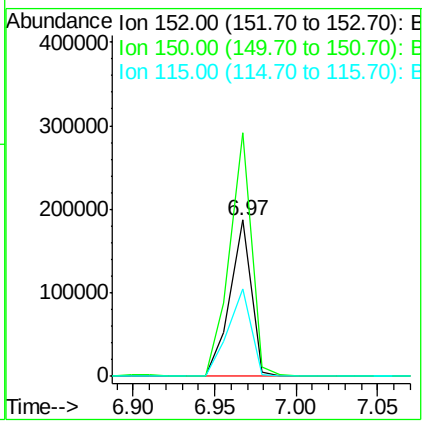




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:152 Resp: 168650

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.9	187.3
115	55.6	46.0	69.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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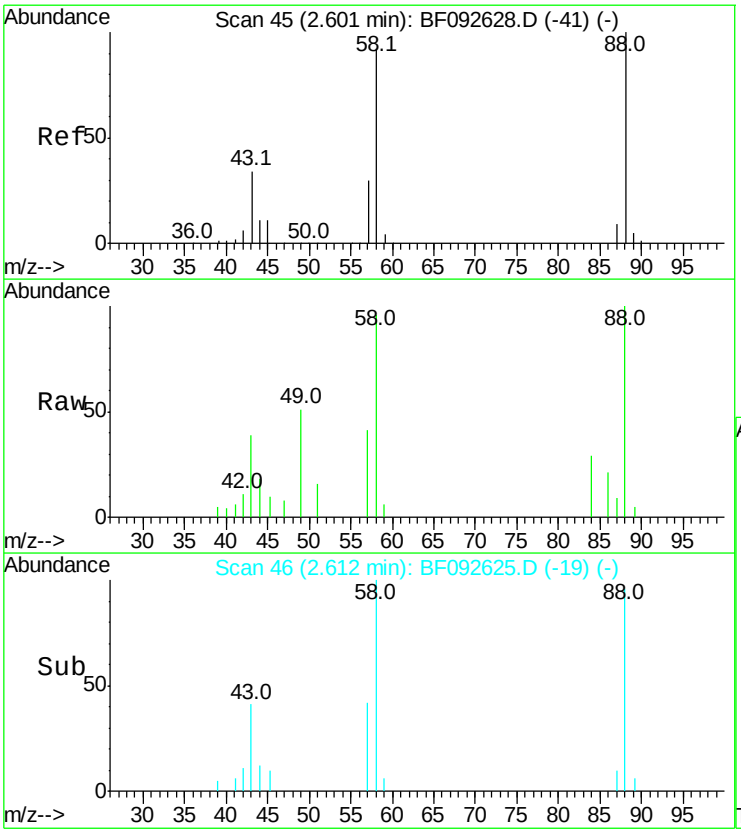
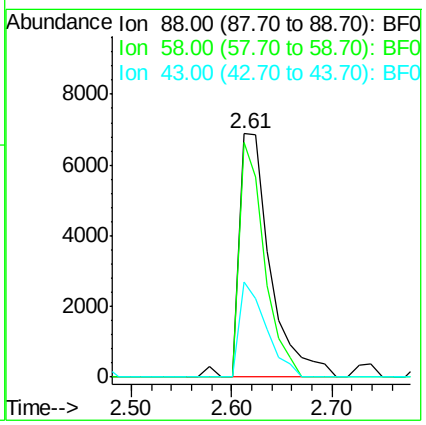
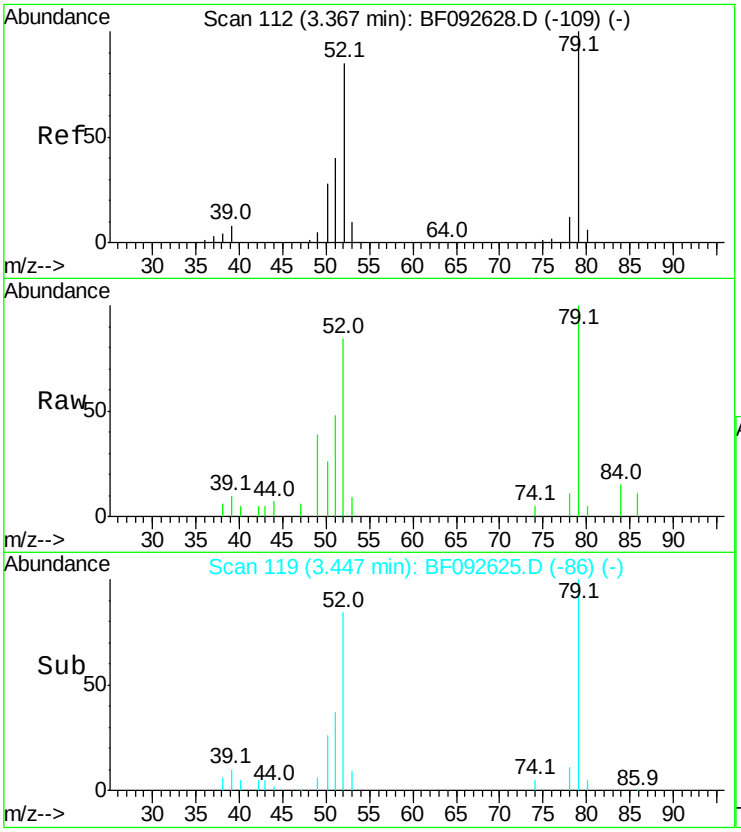


#2
1,4-Dioxane
Concen: 2.56 ng
RT: 2.61 min Scan# 46
Delta R.T. 0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion: 88 Resp: 14748

Ion	Ratio	Lower	Upper
88	100		
58	76.9	57.8	86.8
43	33.6	22.3	33.5#

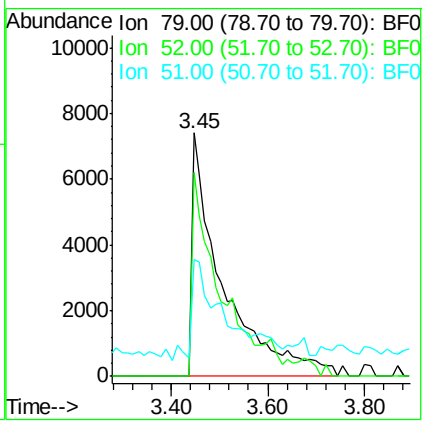




#3
Pyridine
Concen: 2.00 ng m
RT: 3.45 min Scan# 119
Delta R.T. 0.08 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion: 79 Resp: 32827

Ion	Ratio	Lower	Upper
79	100		
52	83.6	57.1	85.7
51	47.9	27.3	40.9#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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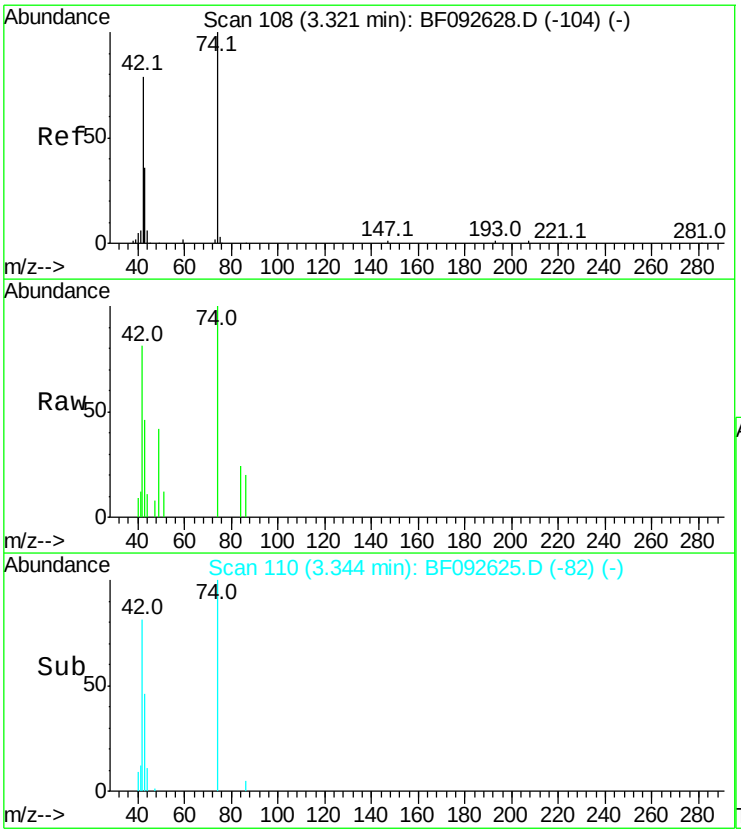
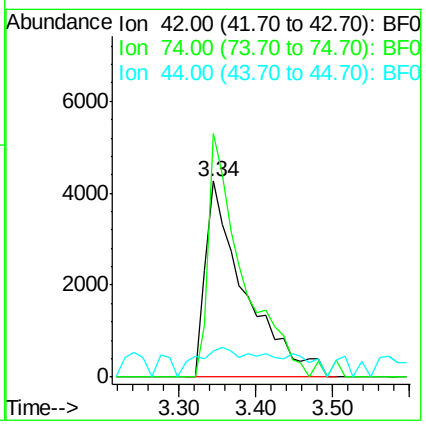
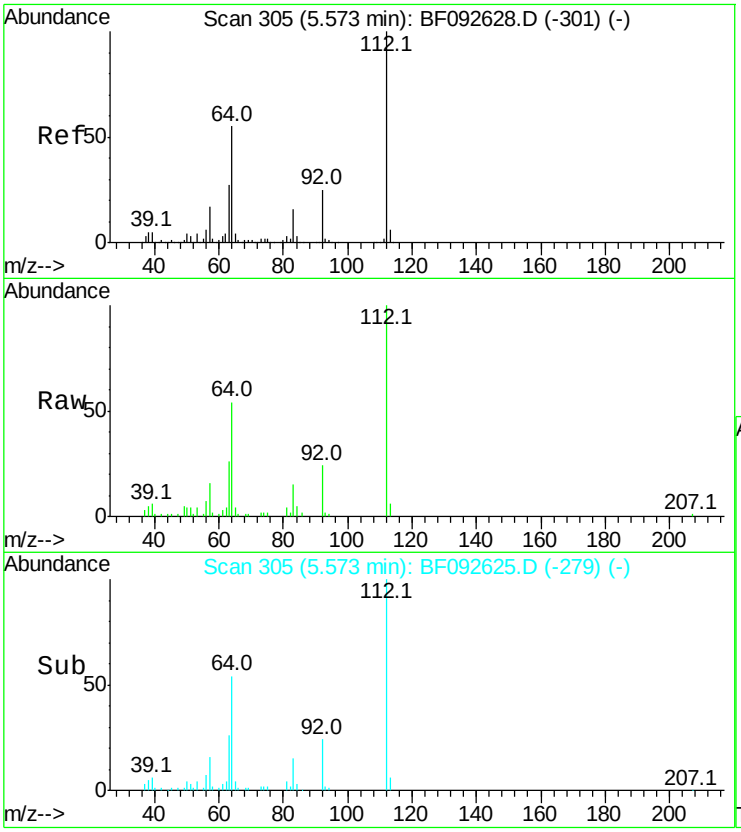


#4
n-Nitrosodimethylamine
Concen: 1.90 ng
RT: 3.34 min Scan# 110
Delta R.T. 0.02 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion: 42 Resp: 15301

Ion	Ratio	Lower	Upper
42	100		
74	124.1	117.0	175.4
44	13.2	5.5	8.3#

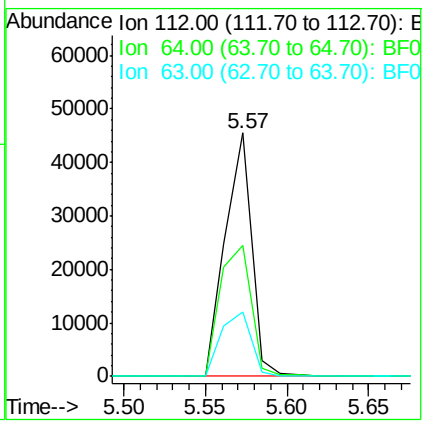




#5
2-Fluorophenol
Concen: 4.69 ng
RT: 5.57 min Scan# 305
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:112 Resp: 50857

Ion	Ratio	Lower	Upper
112	100		
64	53.6	46.1	69.1
63	26.4	23.8	35.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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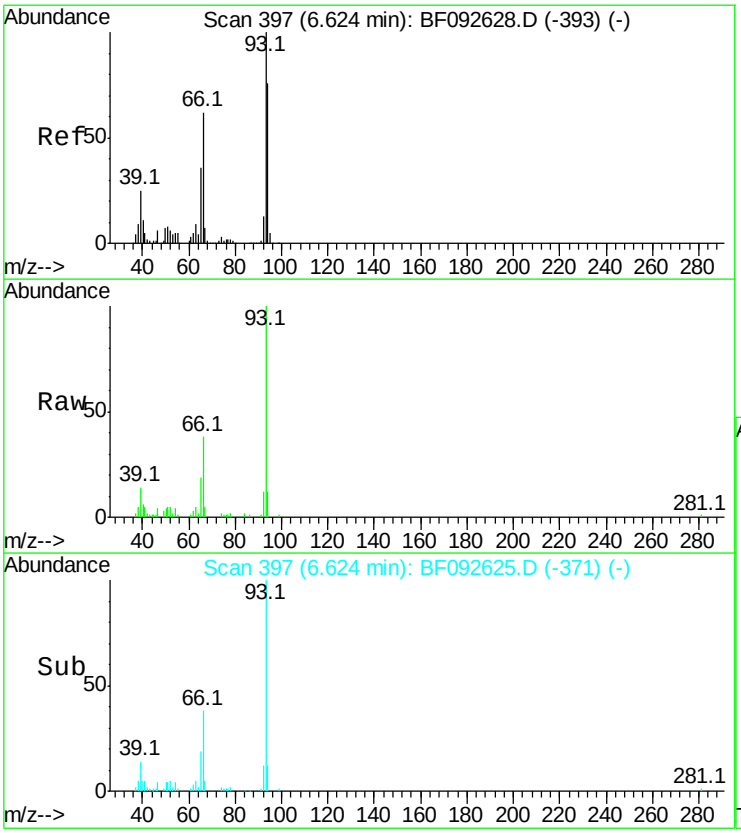
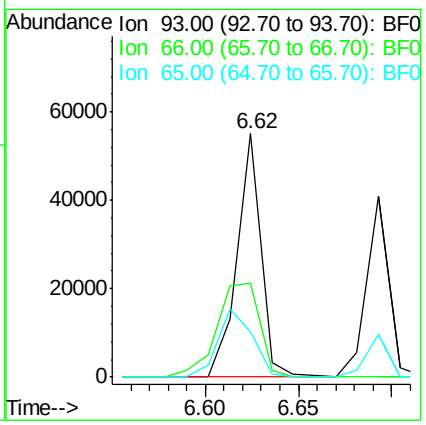
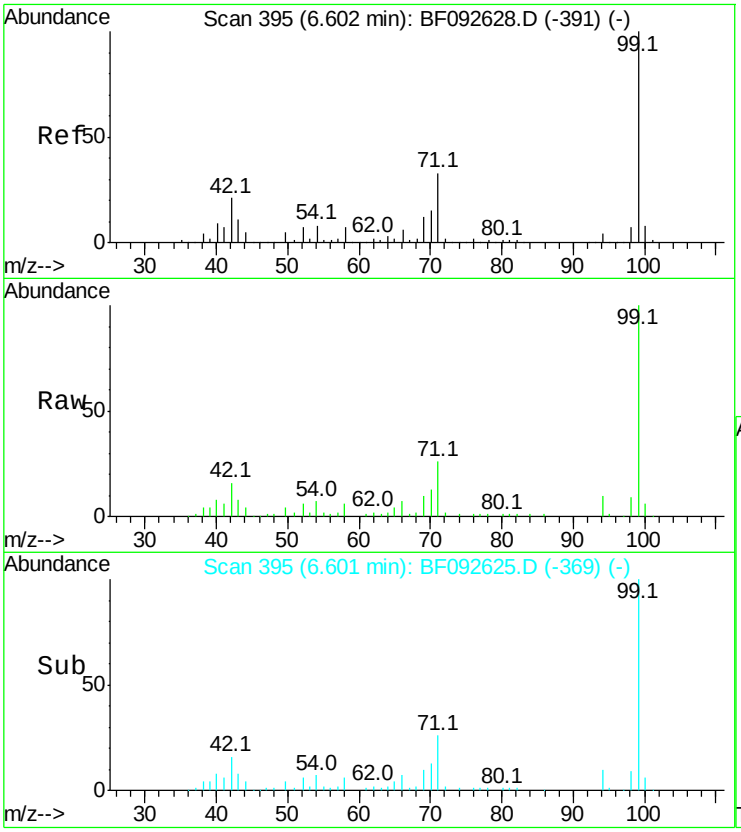


#6
Aniline
Concen: 2.41 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion: 93 Resp: 49586

Ion	Ratio	Lower	Upper
93	100		
66	38.5	76.2	114.2#
65	18.6	49.3	73.9#

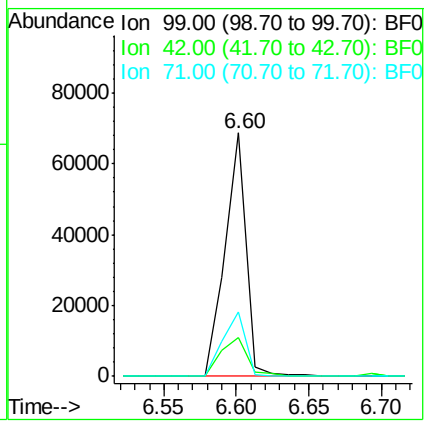




#7
Phenol-d6
Concen: 5.00 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion: 99 Resp: 69052

Ion	Ratio	Lower	Upper
99	100		
42	16.2	15.6	23.4
71	26.5	27.5	41.3#



Instrument :
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ClientSampleId :
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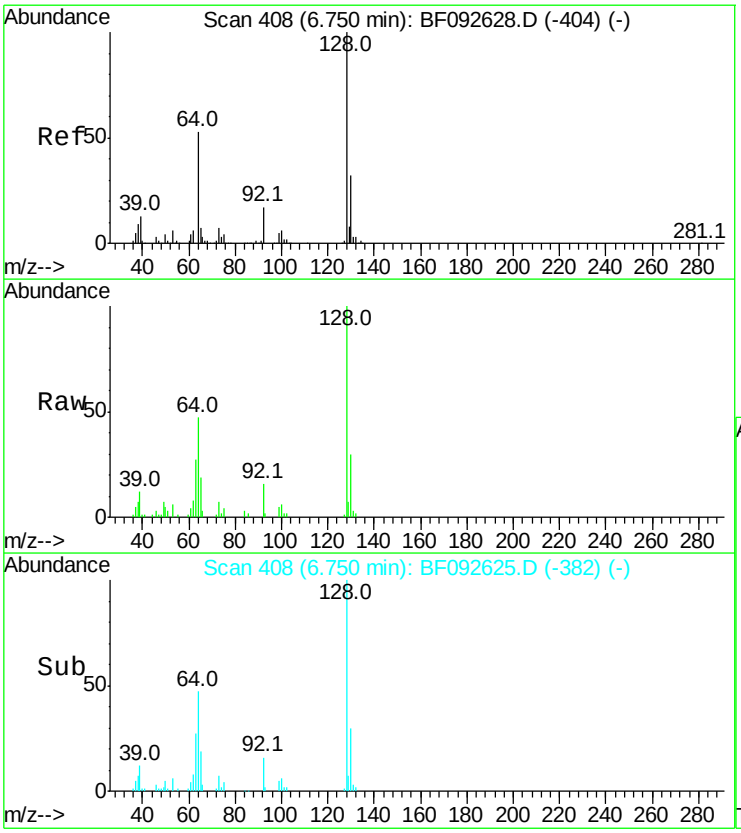
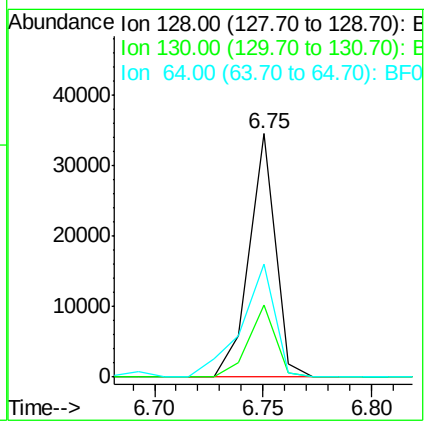
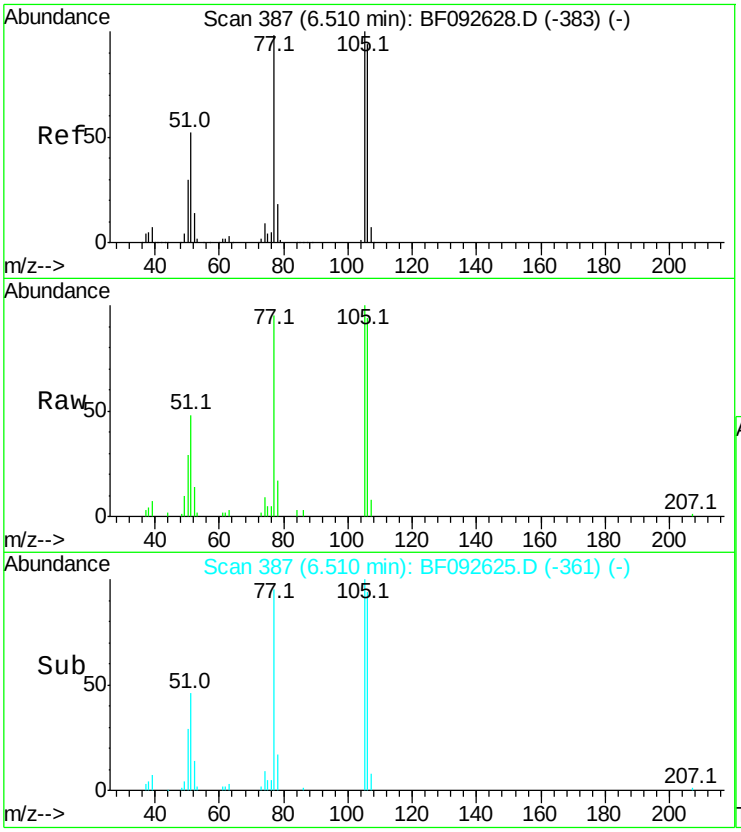


#8
2-Chlorophenol
Concen: 2.55 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:128 Resp: 29073

Ion	Ratio	Lower	Upper
128	100		
130	29.8	12.3	52.3
64	46.6	32.2	72.2

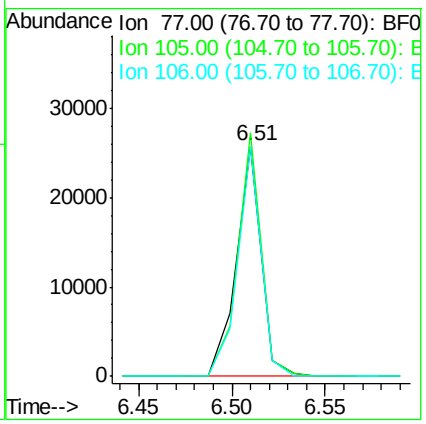




#9
Benzaldehyde
Concen: 2.45 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion: 77 Resp: 23994

Ion	Ratio	Lower	Upper
77	100		
105	105.8	83.9	123.9
106	99.7	77.6	117.6



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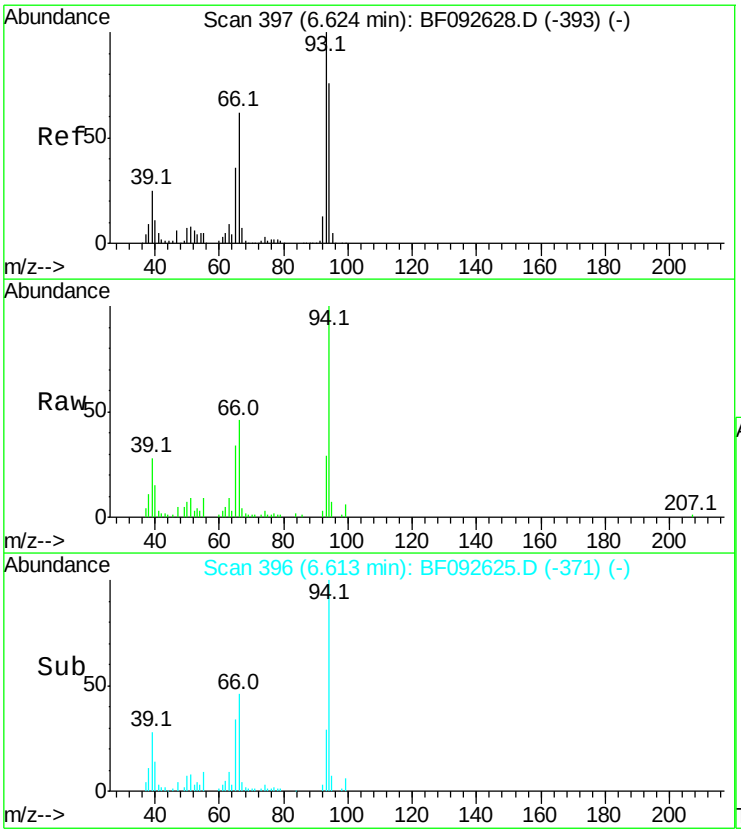
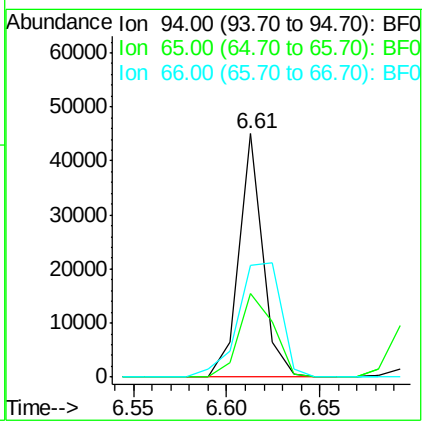
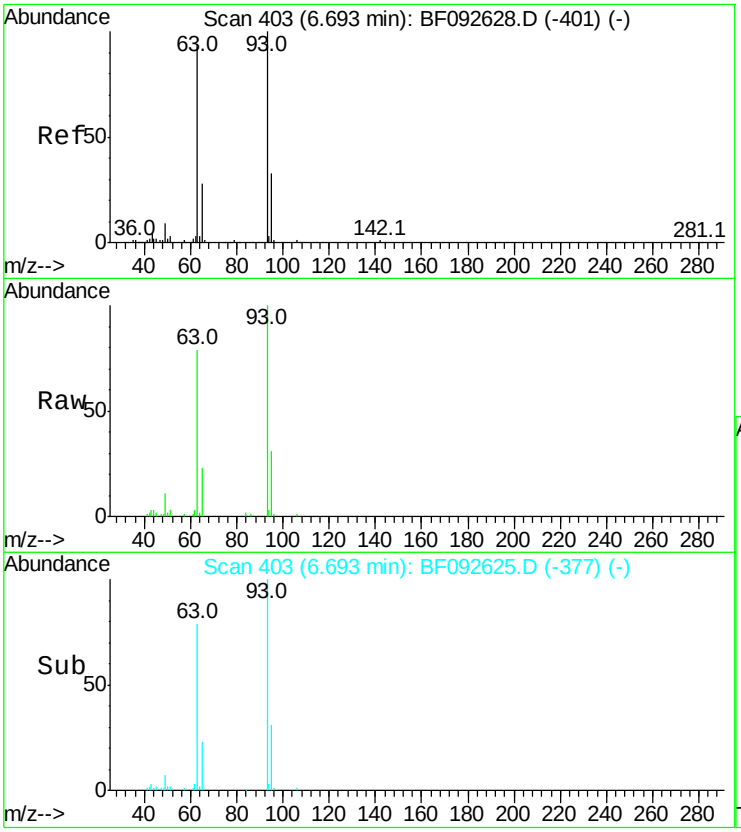


#10
Phenol
Concen: 2.42 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion: 94 Resp: 40274

Ion	Ratio	Lower	Upper
94	100		
65	34.3	21.4	61.4
66	46.0	44.0	84.0

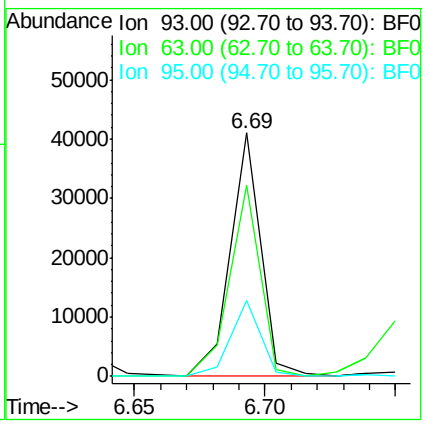




#11
bis(2-Chloroethyl)ether
Concen: 2.70 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion: 93 Resp: 33679

Ion	Ratio	Lower	Upper
93	100		
63	78.8	60.4	100.4
95	31.4	12.8	52.8



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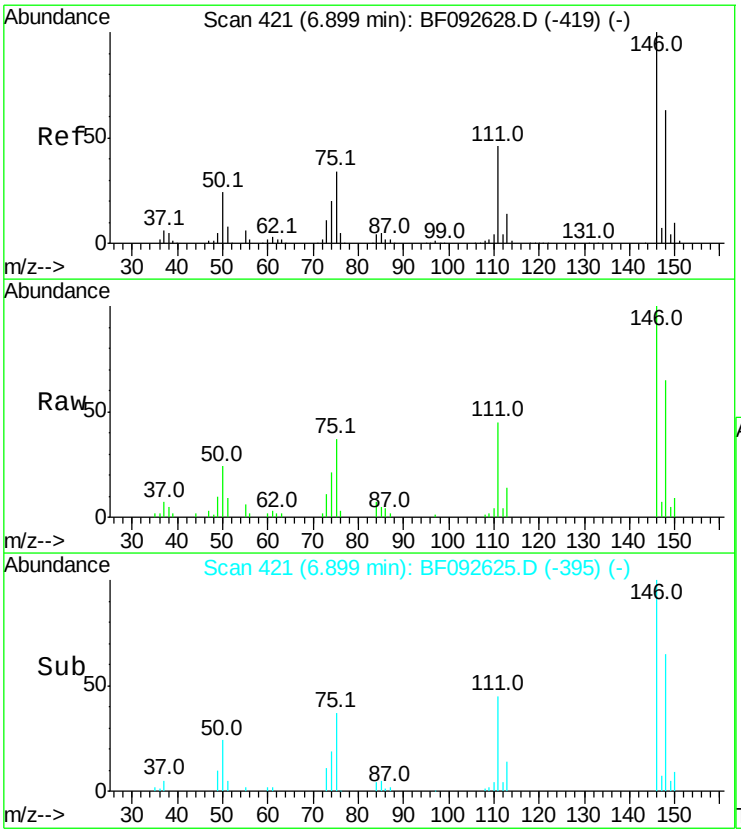
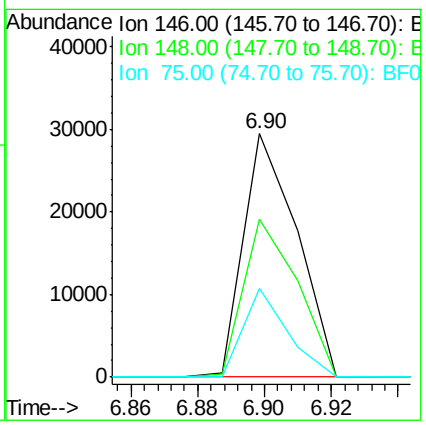
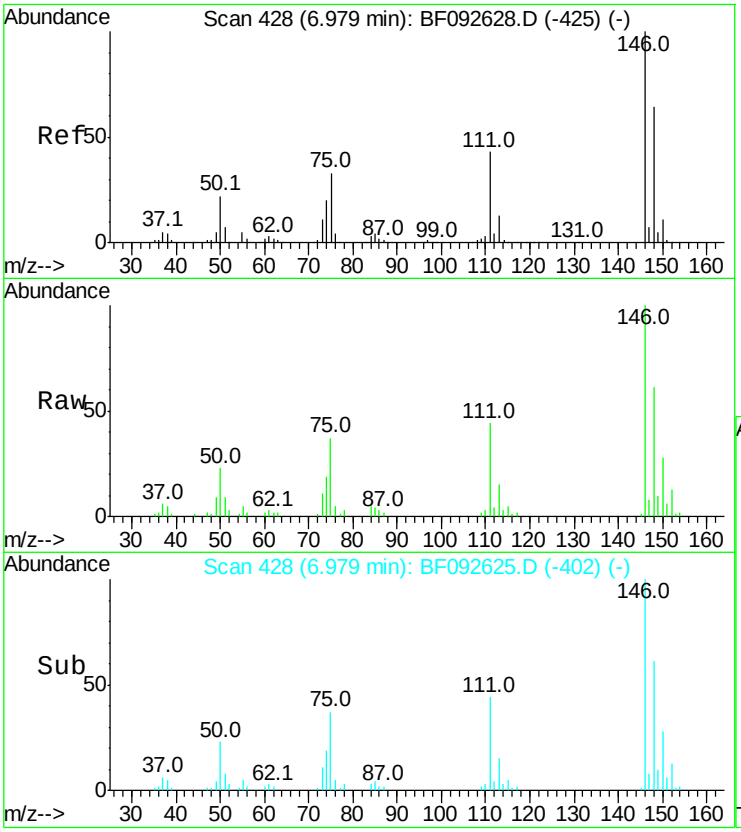


#12
1,3-Dichlorobenzene
Concen: 2.43 ng m
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:146 Resp: 32698

Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.4	80.0
75	36.6	18.5	27.7#

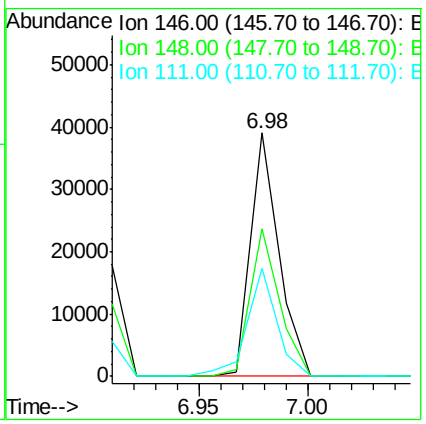




#13
1,4-Dichlorobenzene
Concen: 2.61 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:146 Resp: 35325

Ion	Ratio	Lower	Upper
146	100		
148	60.8	50.6	76.0
111	44.1	36.2	54.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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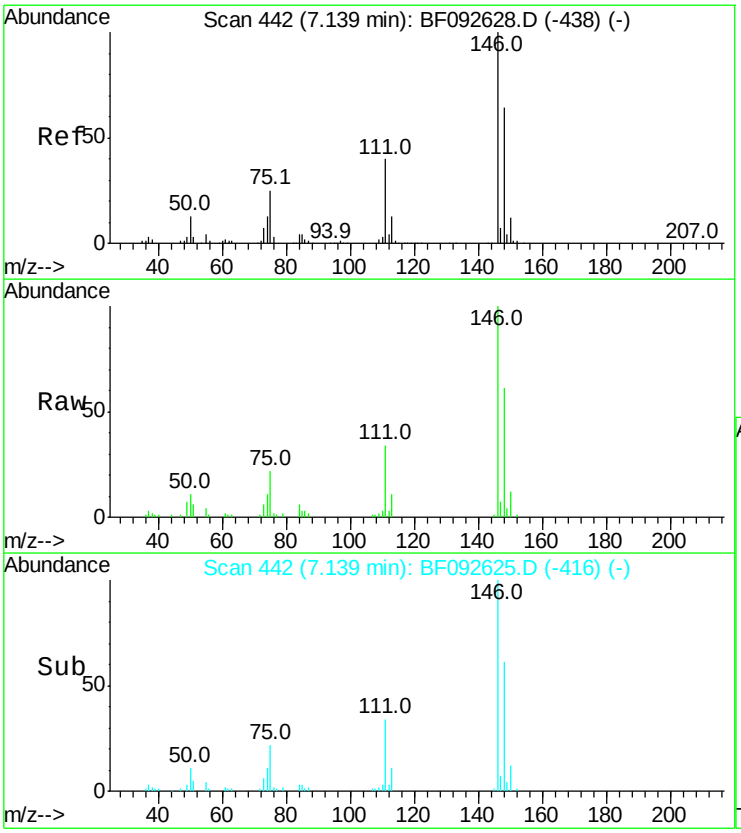
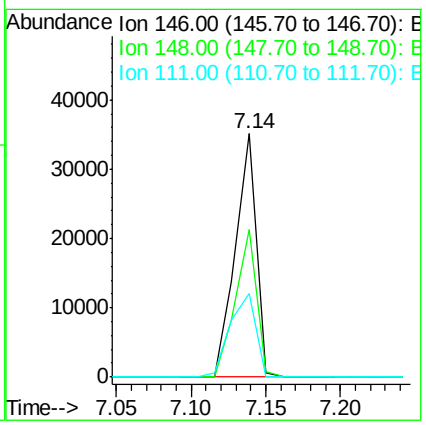
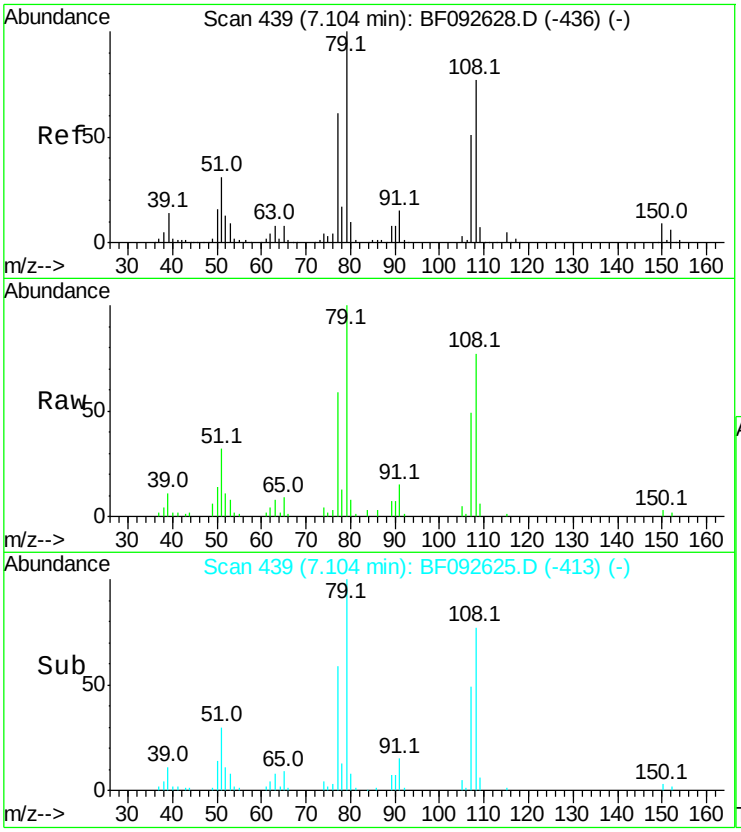


#14
1,2-Dichlorobenzene
Concen: 2.64 ng m
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:146 Resp: 33882

Ion	Ratio	Lower	Upper
146	100		
148	60.7	52.2	78.2
111	34.4	36.2	54.2#

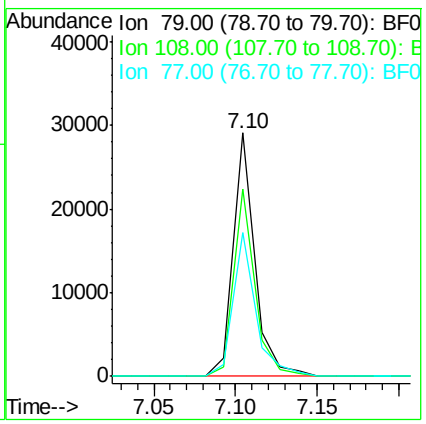




#15
Benzyl Alcohol
Concen: 2.53 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion: 79 Resp: 26294

Ion	Ratio	Lower	Upper
79	100		
108	77.1	61.4	92.0
77	58.9	50.9	76.3



Instrument :
BNA_F
ClientSampleId :
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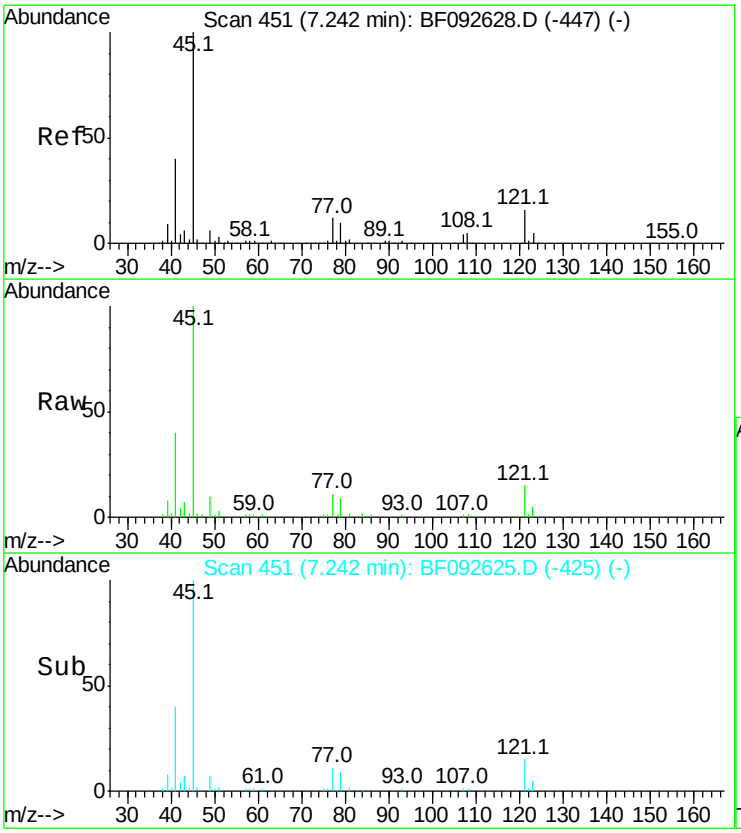
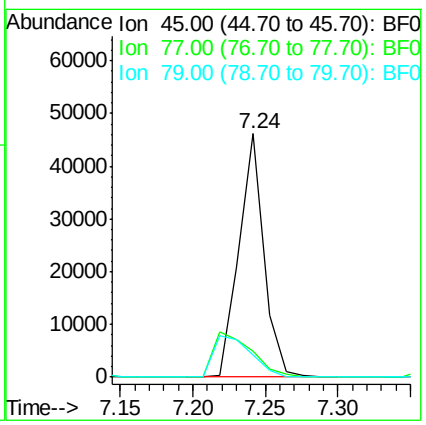
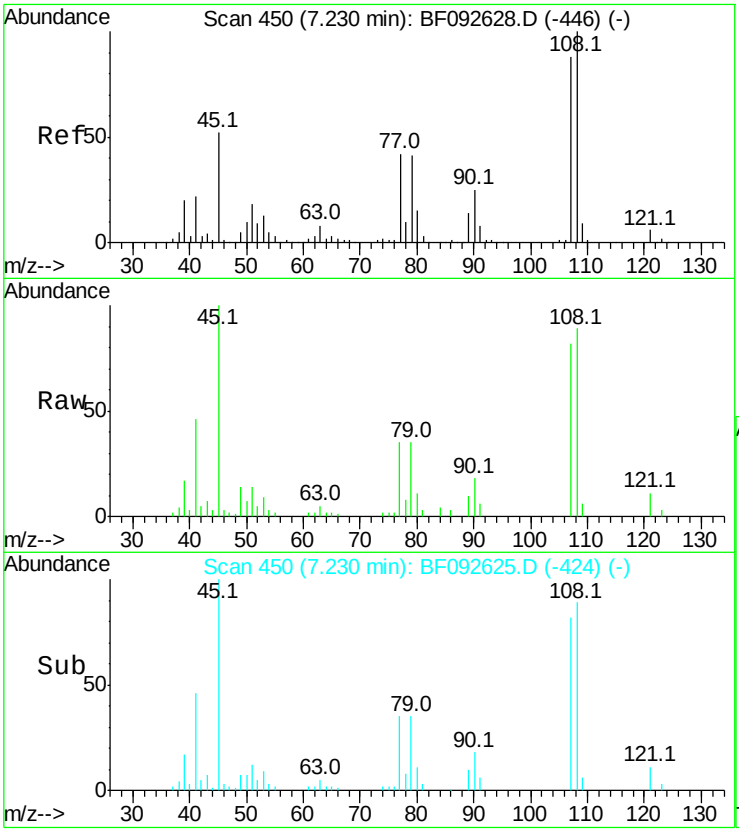


#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.23 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion: 45 Resp: 55104

Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	34.6
79	9.0	0.0	31.2

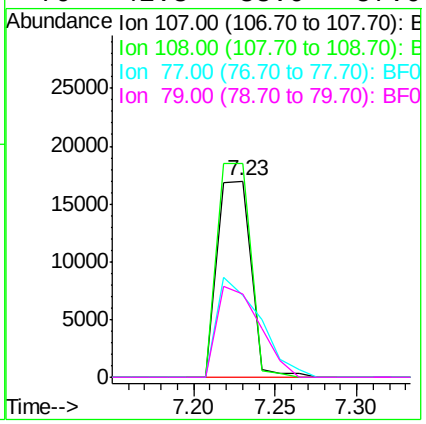




#17
2-Methylphenol
Concen: 2.48 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:107 Resp: 24098

Ion	Ratio	Lower	Upper
107	100		
108	108.7	93.0	139.6
77	42.1	39.8	59.8
79	42.3	38.0	57.0



Instrument :
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ClientSampleId :
SSTDICC02.5

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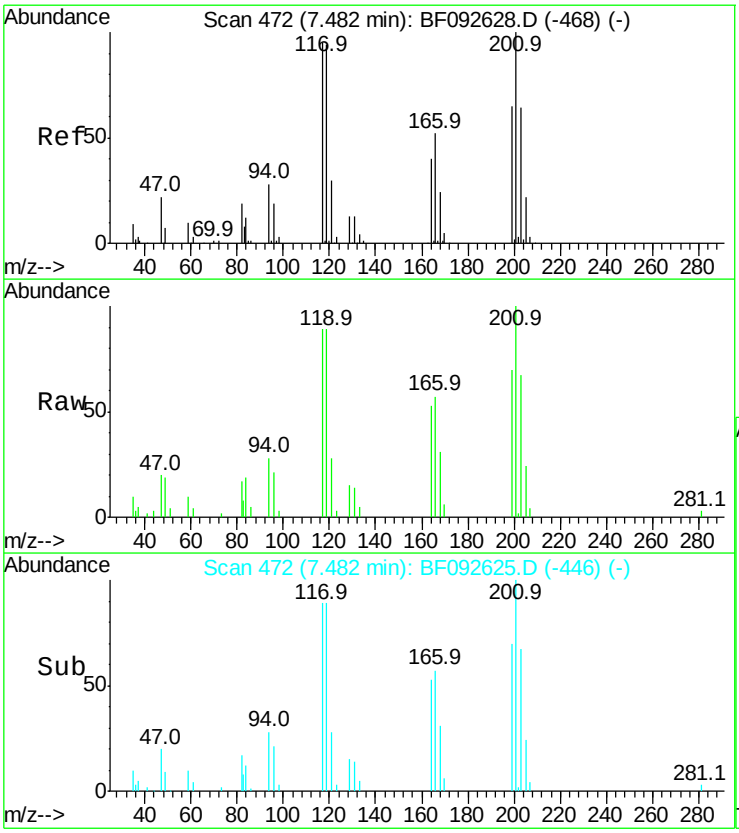
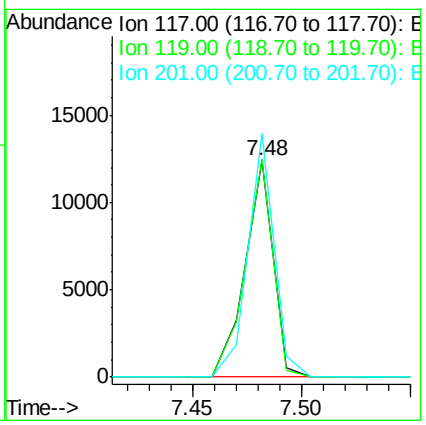
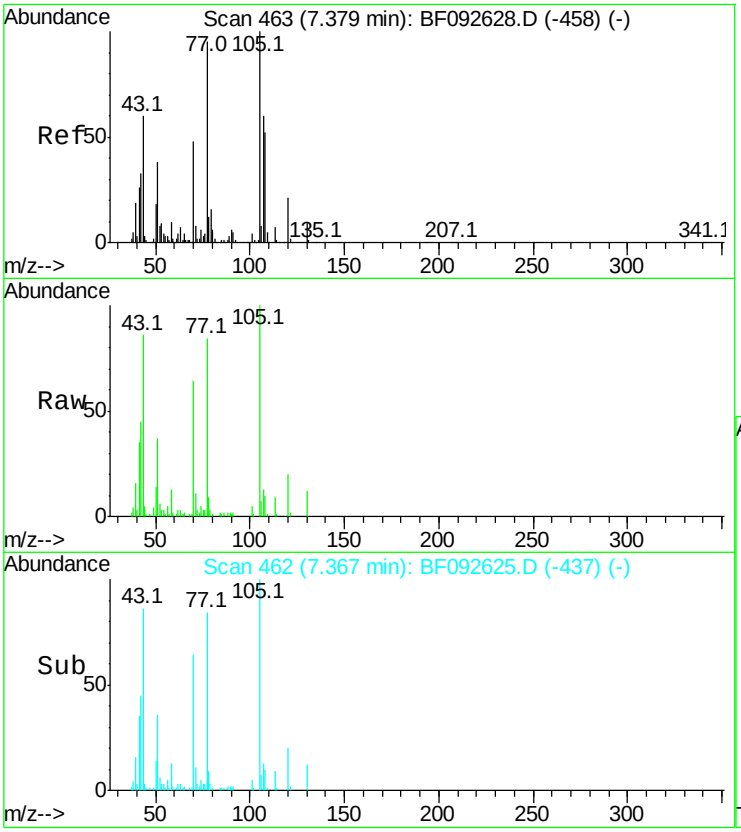


#18
Hexachloroethane
Concen: 2.37 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:117 Resp: 11052

Ion	Ratio	Lower	Upper
117	100		
119	100.6	78.1	117.1
201	112.6	78.6	117.8

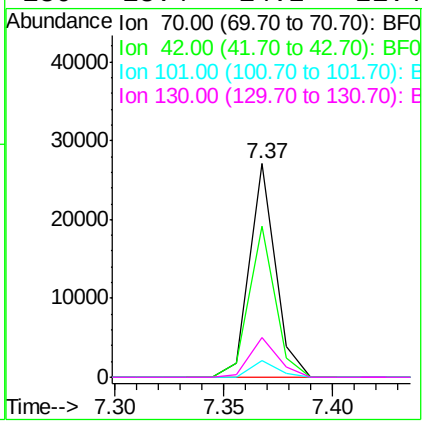




#19
n-Nitroso-di-n-propylamine
Concen: 2.39 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion: 70 Resp: 22449

Ion	Ratio	Lower	Upper
70	100		
42	70.9	49.4	74.0
101	7.8	7.4	11.2
130	18.4	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
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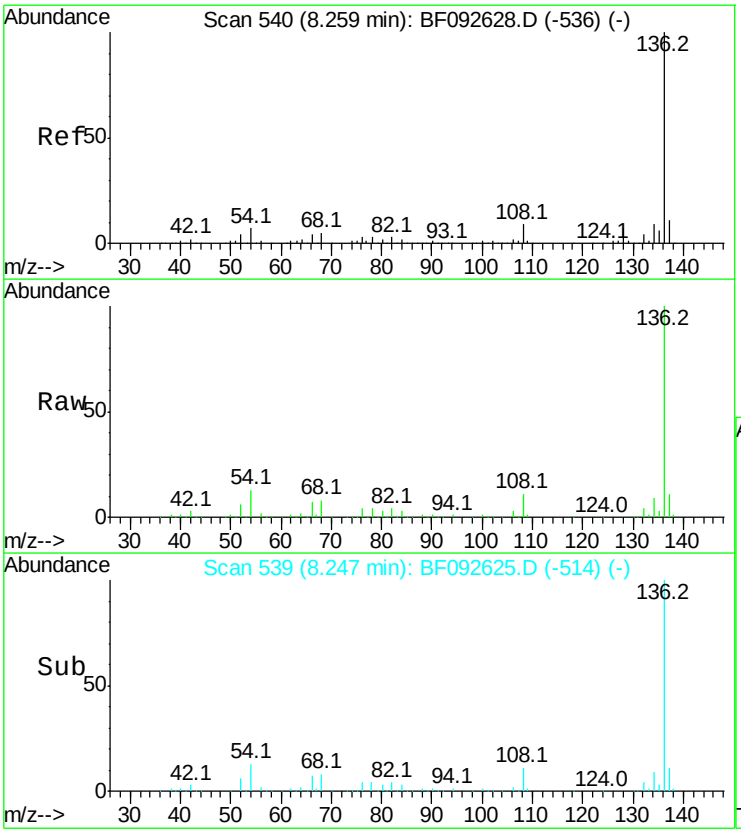
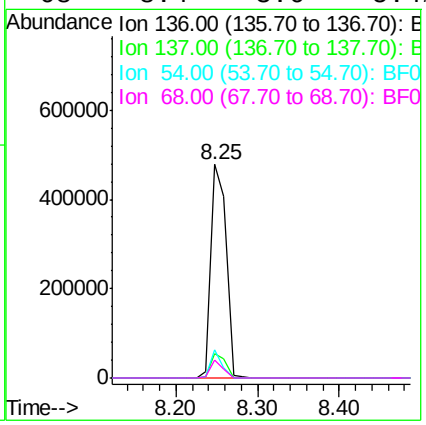
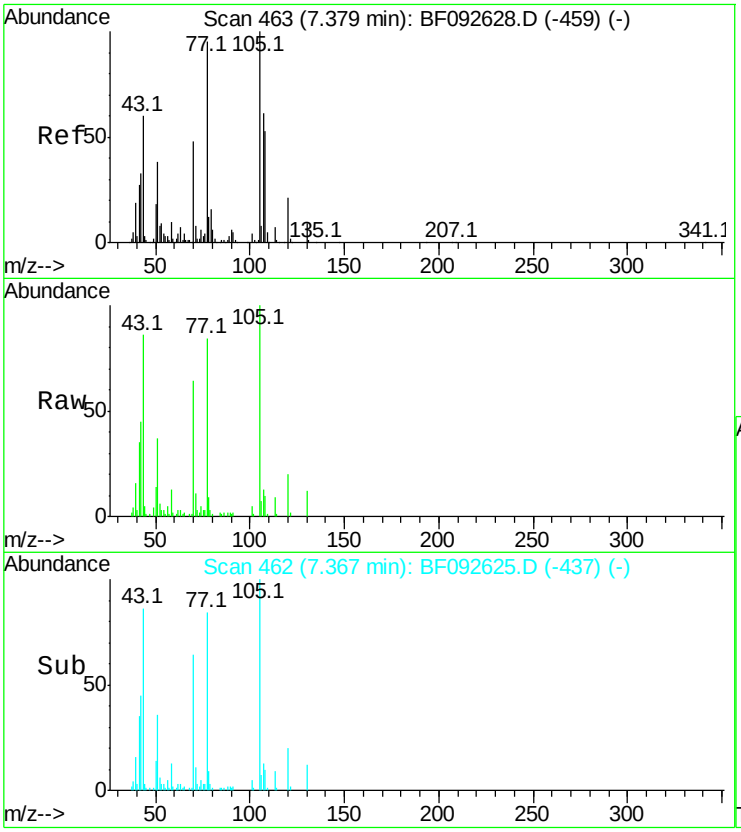


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:136 Resp: 626842

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	13.2	4.5	6.7#
68	8.4	3.6	5.4#

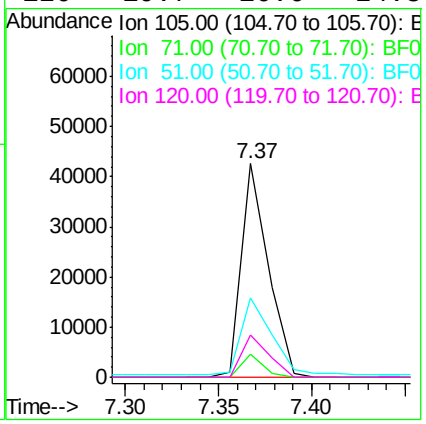




#22
Acetophenone
Concen: 2.87 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:105 Resp: 42783

Ion	Ratio	Lower	Upper
105	100		
71	10.5	3.2	4.8#
51	37.5	26.2	39.4
120	19.7	16.6	24.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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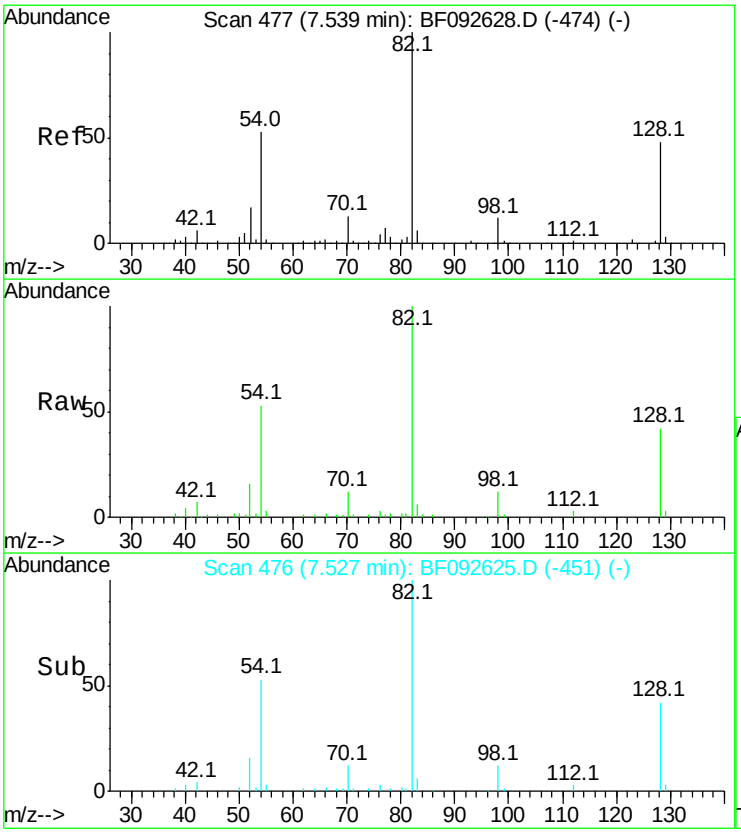
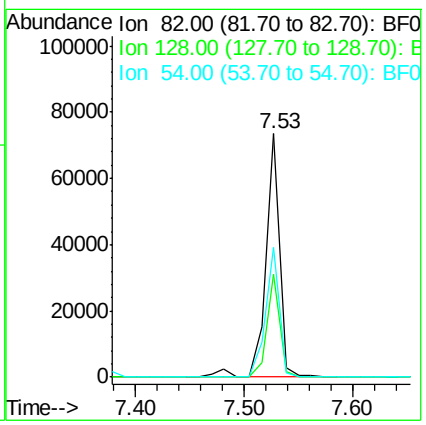
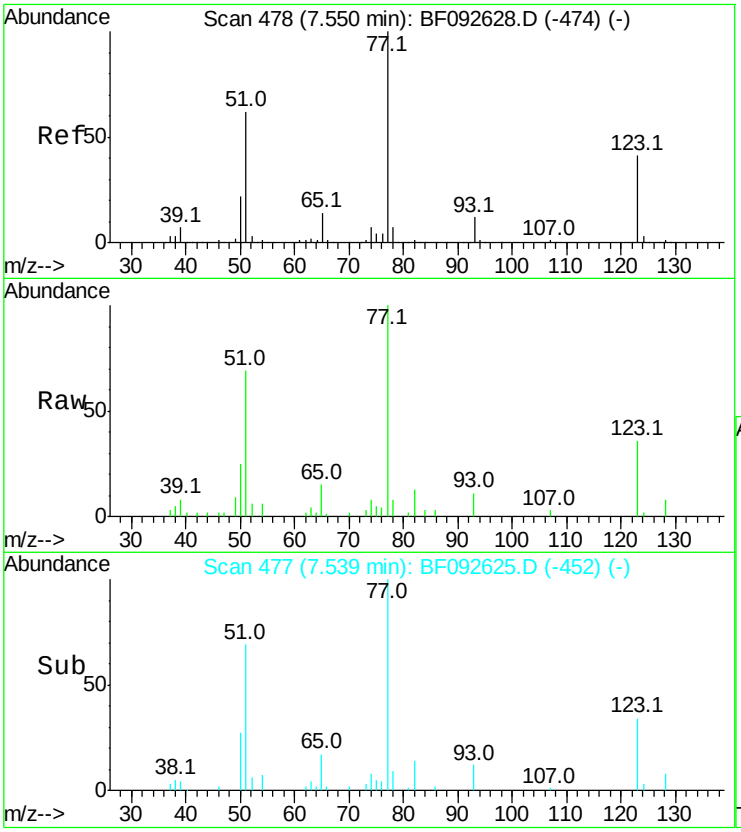


#23
Nitrobenzene-d5
Concen: 5.71 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion: 82 Resp: 65483

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	52.0
54	53.4	39.5	59.3

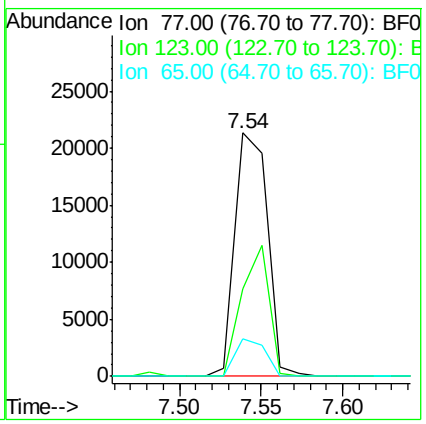




#24
Nitrobenzene
Concen: 2.44 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion: 77 Resp: 29341

Ion	Ratio	Lower	Upper
77	100		
123	36.1	33.0	49.4
65	15.3	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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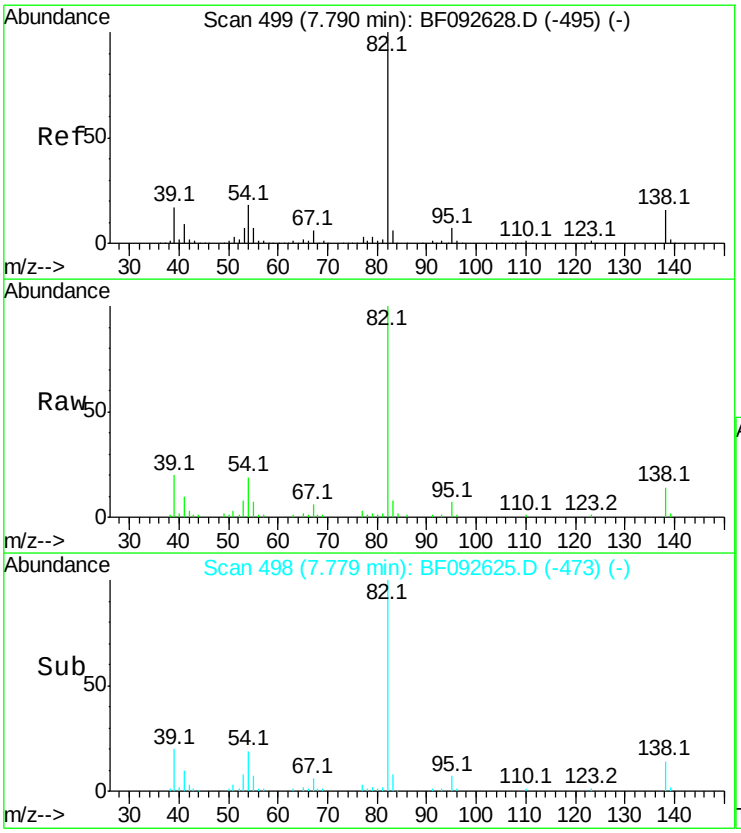
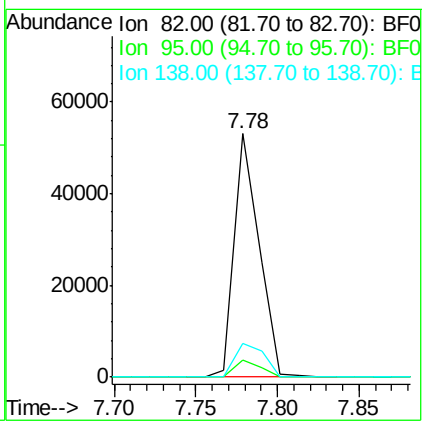
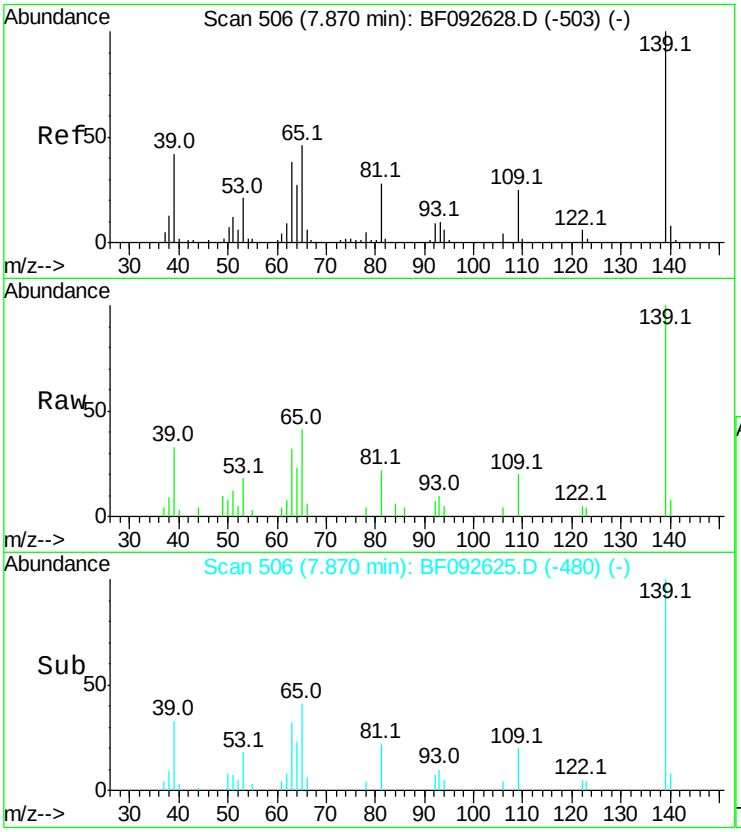


#25
Isophorone
Concen: 2.44 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion: 82 Resp: 55268

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	13.8	14.6	22.0#

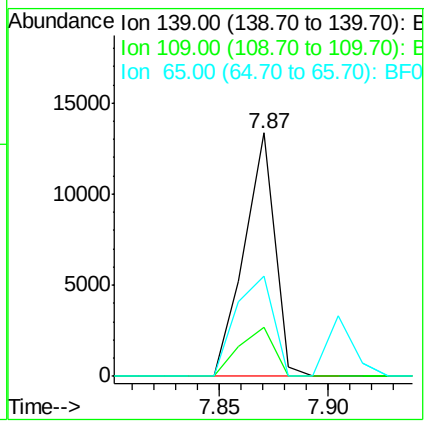




#26
2-Nitrophenol
Concen: 2.60 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:139 Resp: 13097

Ion	Ratio	Lower	Upper
139	100		
109	20.2	23.3	34.9#
65	41.4	42.7	64.1#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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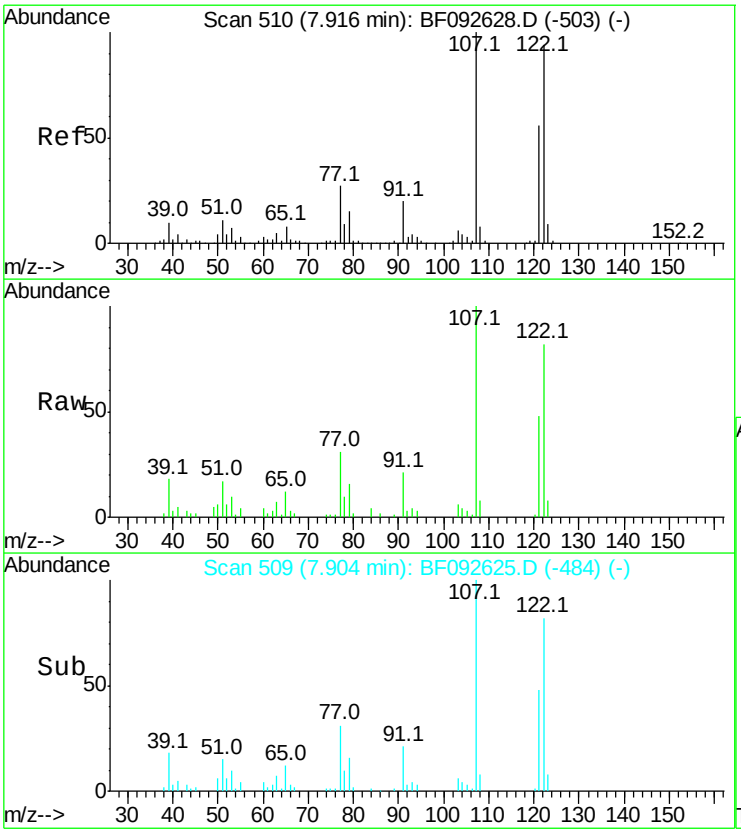
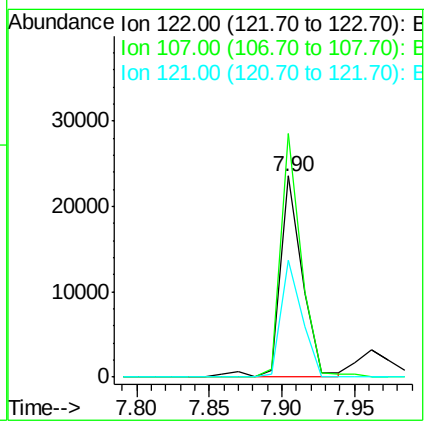
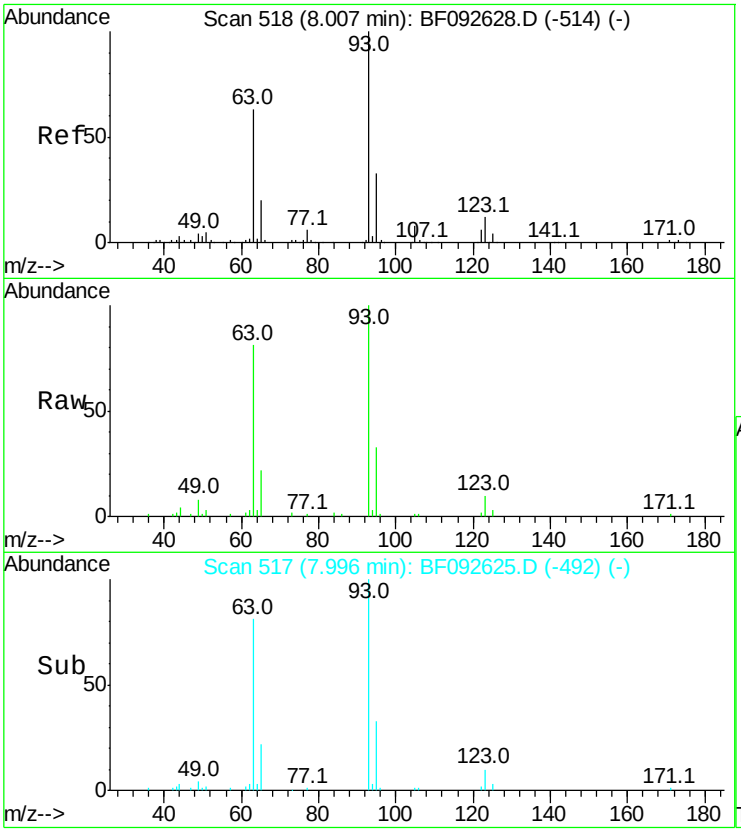


#27
2,4-Dimethylphenol
Concen: 2.37 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:122 Resp: 24855

Ion	Ratio	Lower	Upper
122	100		
107	121.2	94.1	141.1
121	58.3	46.0	69.0

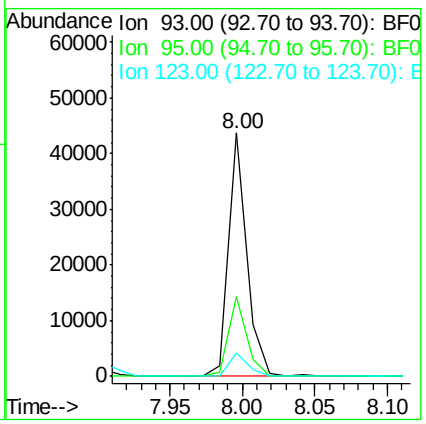




#28
bis(2-Chloroethoxy)methane
Concen: 2.57 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion: 93 Resp: 38143

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	9.9	8.6	13.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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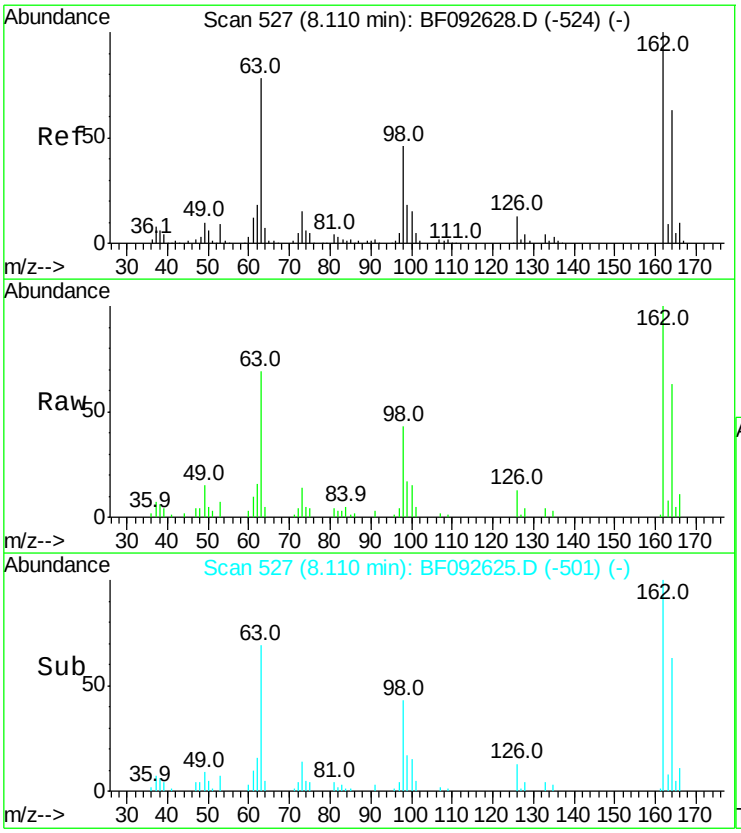
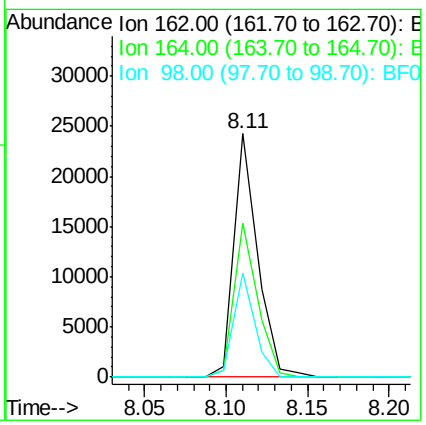
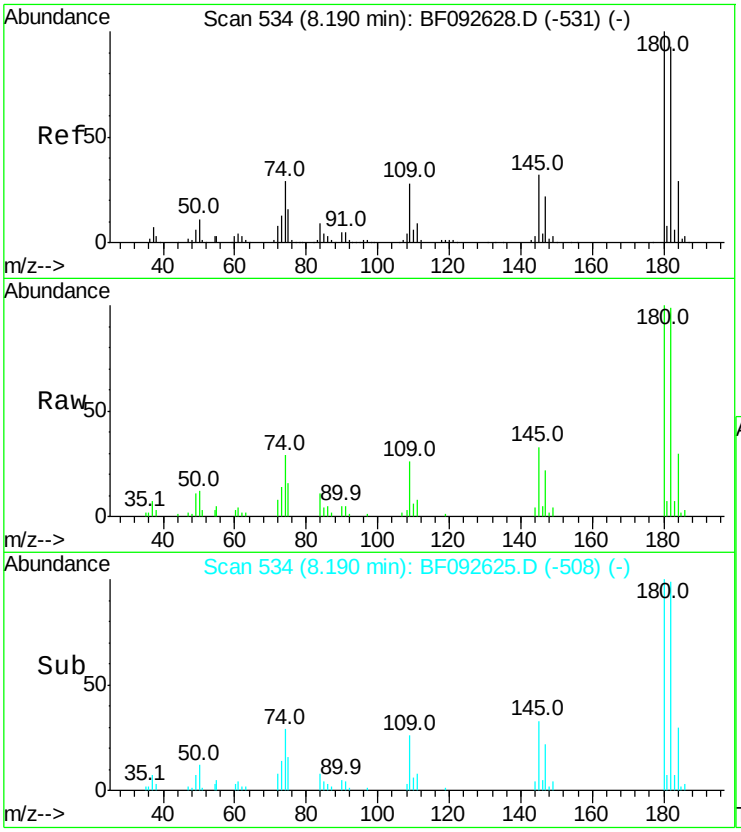


#29
2,4-Dichlorophenol
Concen: 2.67 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:162 Resp: 24220

Ion	Ratio	Lower	Upper
162	100		
164	63.4	46.8	86.8
98	42.5	9.1	49.1

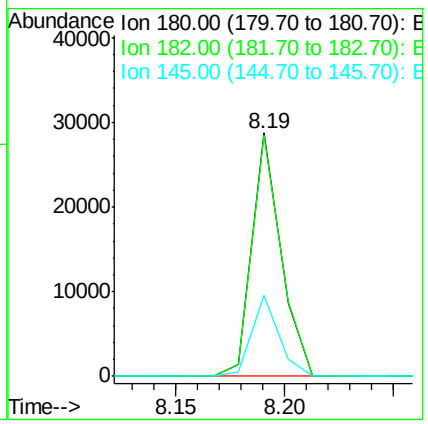




#30
1,2,4-Trichlorobenzene
Concen: 2.71 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:180 Resp: 26629

Ion	Ratio	Lower	Upper
180	100		
182	98.8	78.2	117.4
145	33.4	21.6	32.4#



Instrument :
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ClientSampleId :
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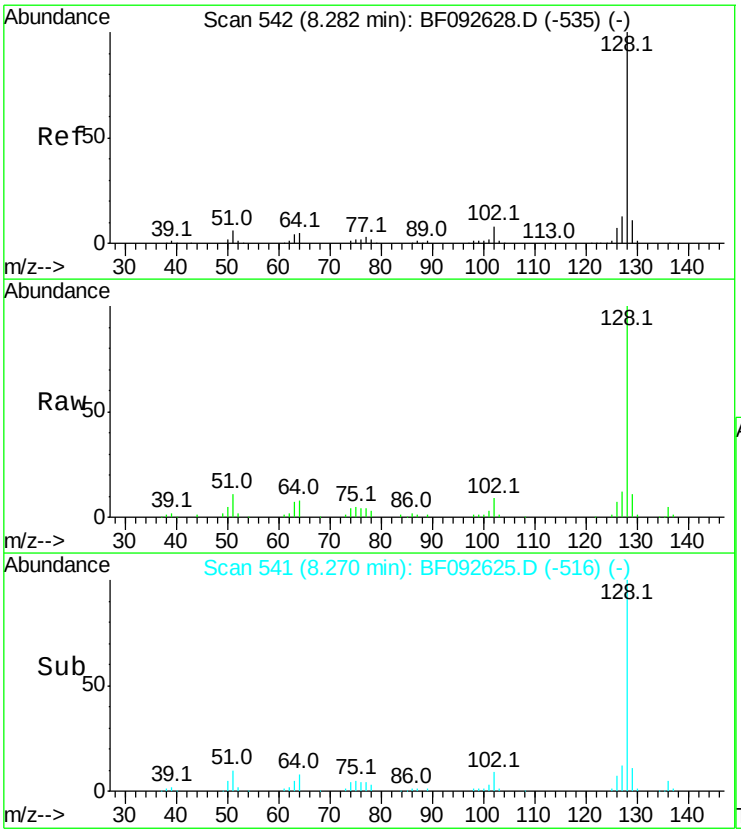
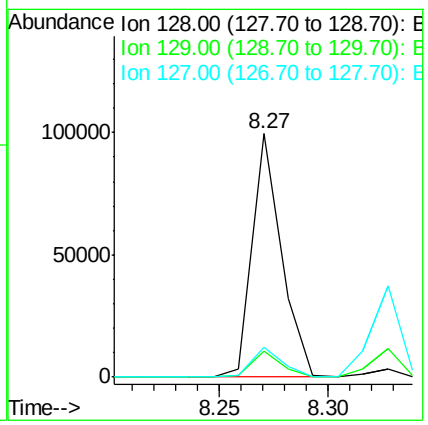
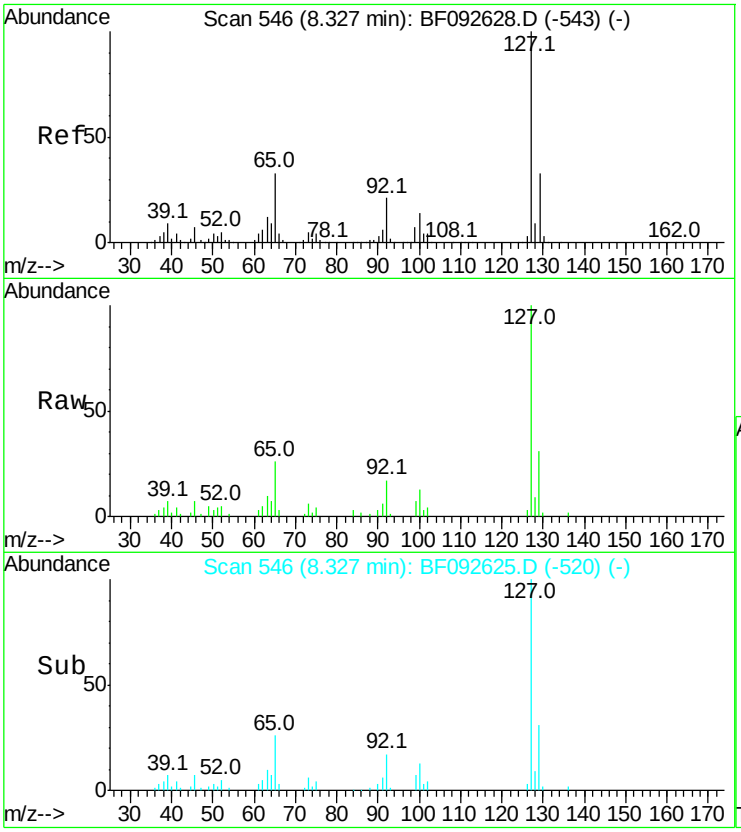


#31
Naphthalene
Concen: 2.91 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:128 Resp: 93331

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.5	14.3
127	12.4	10.8	16.2

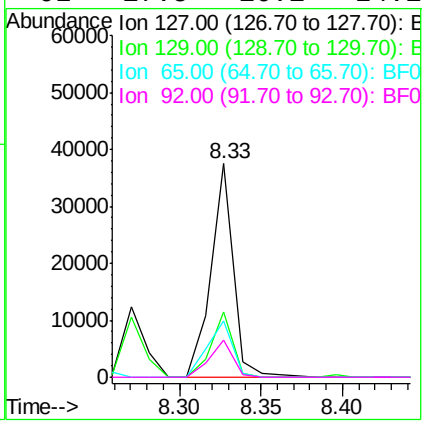




#33
4-Chloroaniline
Concen: 2.66 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:127 Resp: 36105

Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.3	39.5
65	26.2	25.8	38.8
92	17.5	16.1	24.1



Instrument :
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ClientSampleId :
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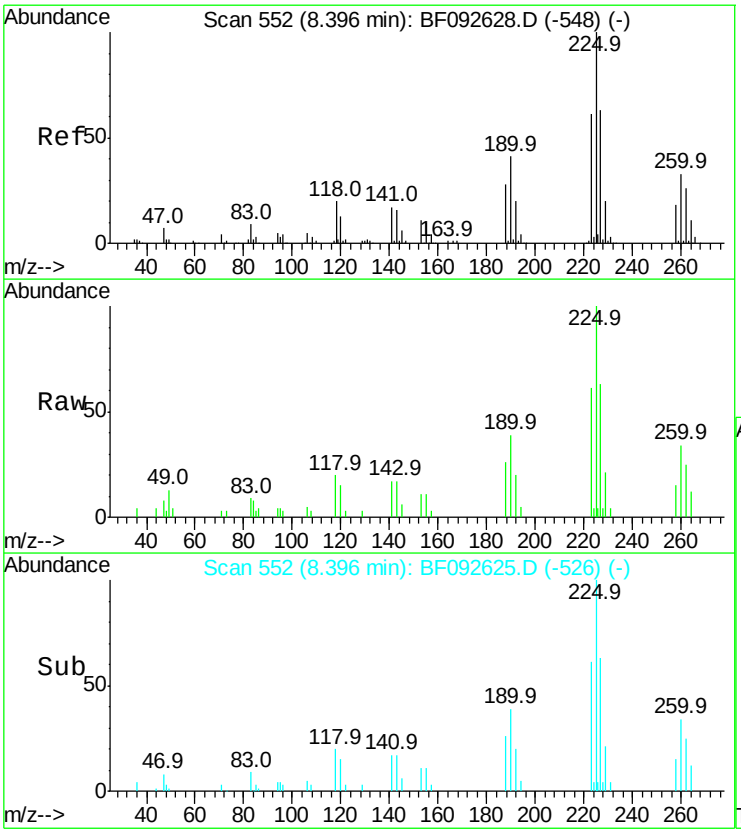
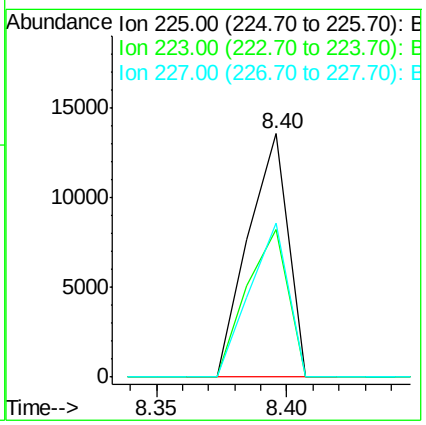
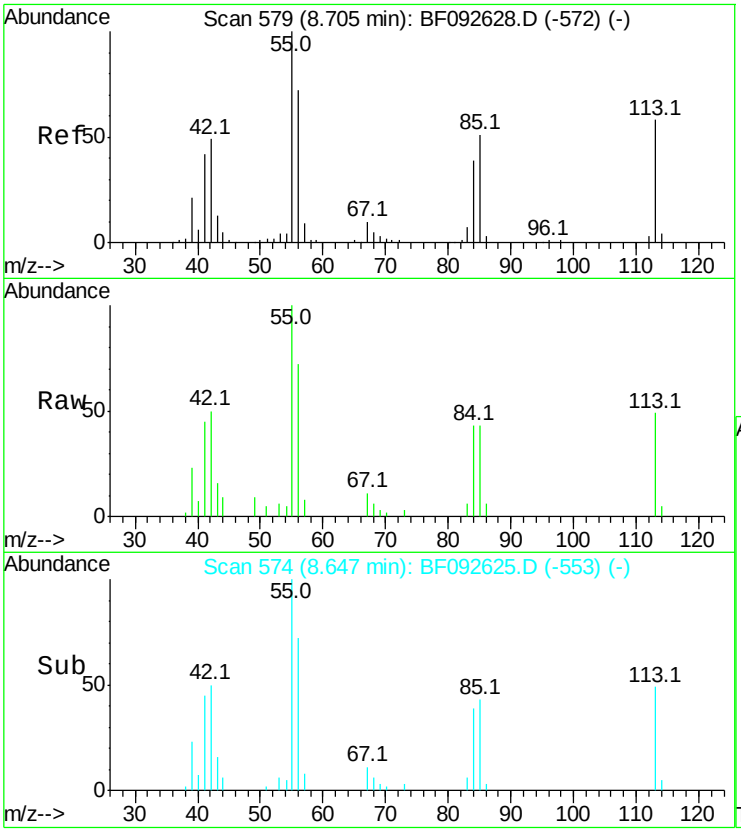


#34
Hexachlorobutadiene
Concen: 2.72 ng
RT: 8.40 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:225 Resp: 14595

Ion	Ratio	Lower	Upper
225	100		
223	60.5	51.0	76.6
227	63.1	50.6	76.0

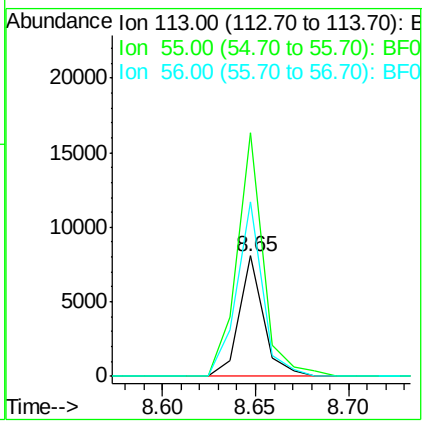




#35
Caprolactam
Concen: 2.43 ng
RT: 8.65 min Scan# 574
Delta R.T. -0.06 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:113 Resp: 7368

Ion	Ratio	Lower	Upper
113	100		
55	202.6	119.2	159.2#
56	145.5	83.8	123.8#



Instrument :
BNA_F
ClientSampleId :
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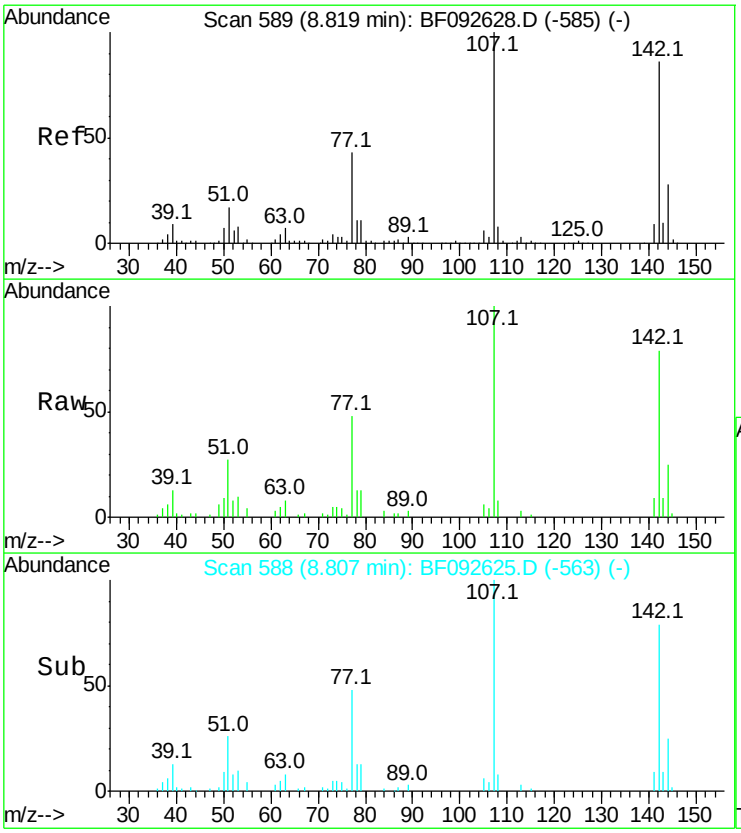
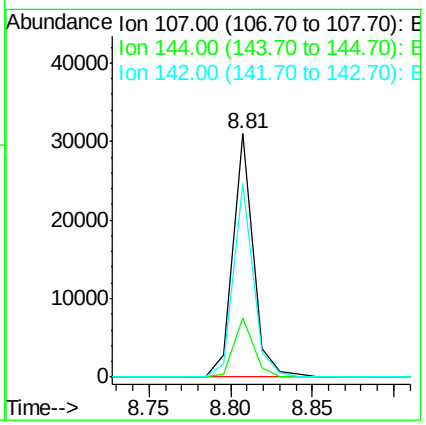
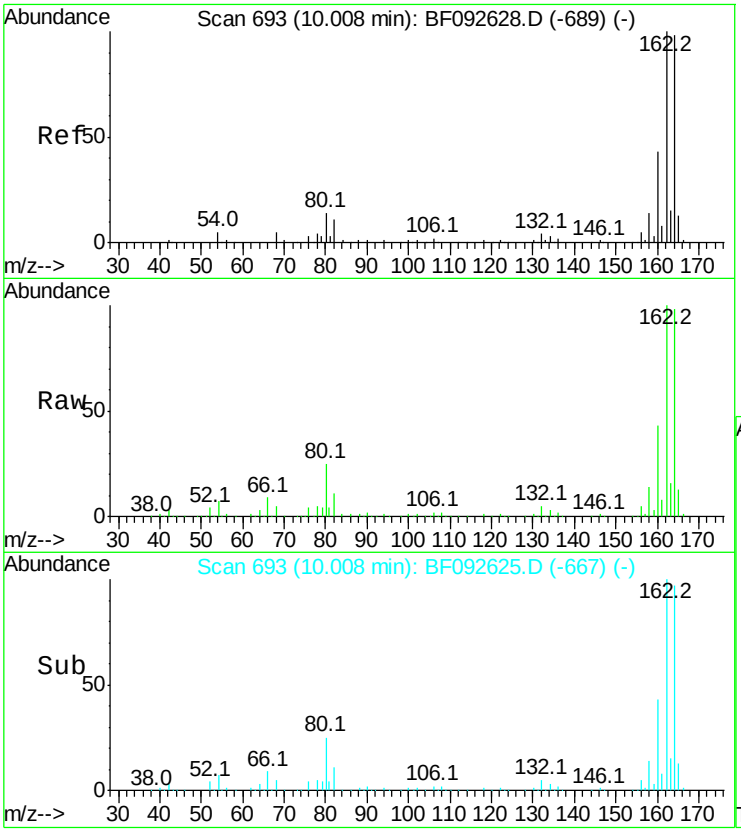


#36
4-Chloro-3-methylphenol
Concen: 2.69 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:107 Resp: 26388

Ion	Ratio	Lower	Upper
107	100		
144	24.5	19.3	28.9
142	79.4	59.0	88.6

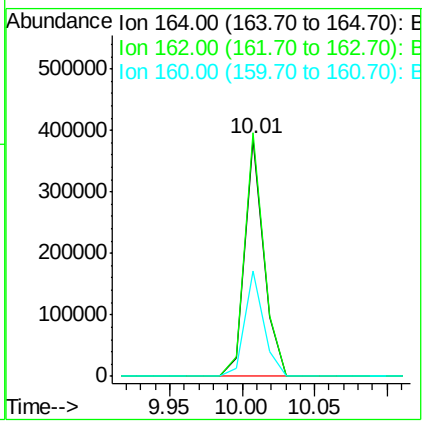




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:164 Resp: 354068

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.2	120.2
160	44.1	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
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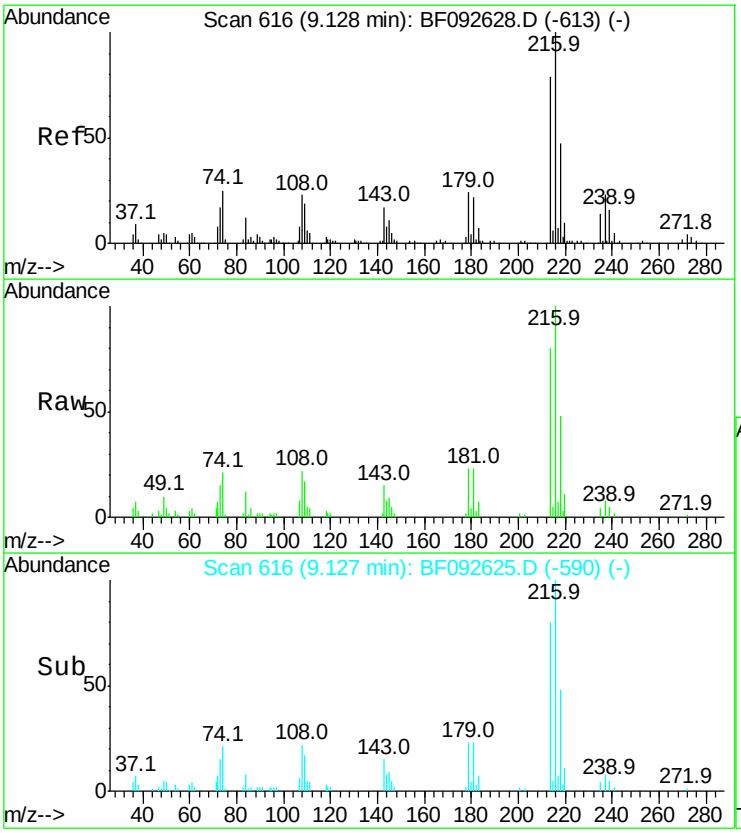
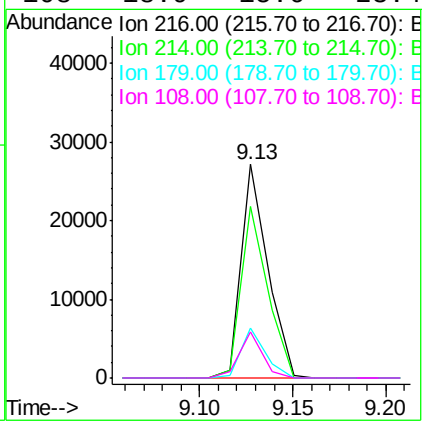
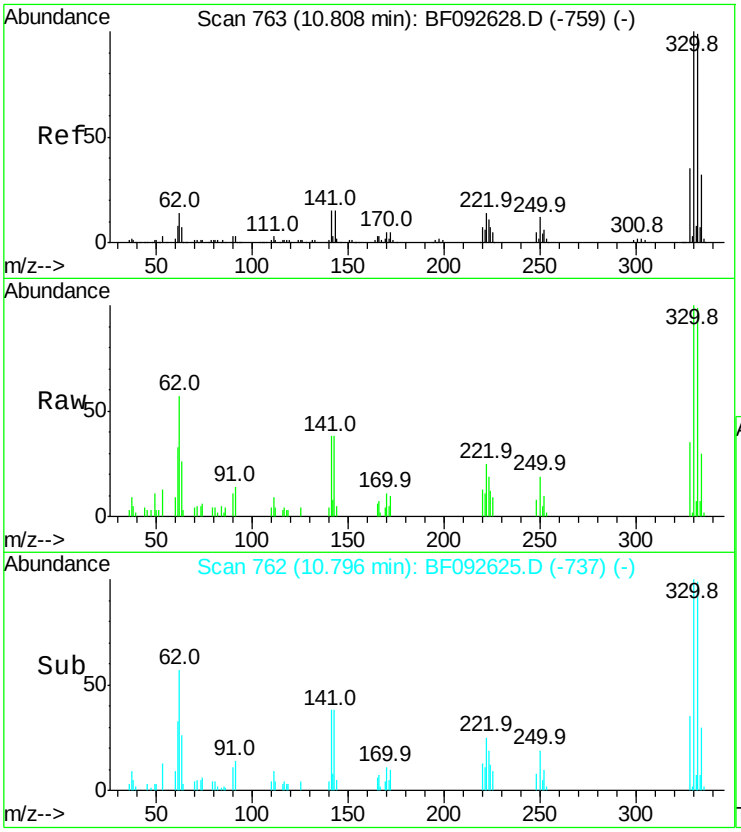


#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.02 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:216 Resp: 26990

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.4	95.0
179	21.5	17.4	26.2
108	18.9	15.6	23.4

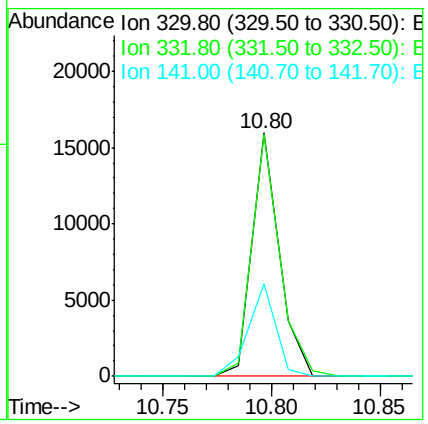




#41
2,4,6-Tribromophenol
Concen: 5.78 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:330 Resp: 13942

Ion	Ratio	Lower	Upper
330	100		
332	101.7	77.4	116.2
141	38.6	34.1	51.1



Instrument :
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ClientSampleId :
SSTDICC02.5

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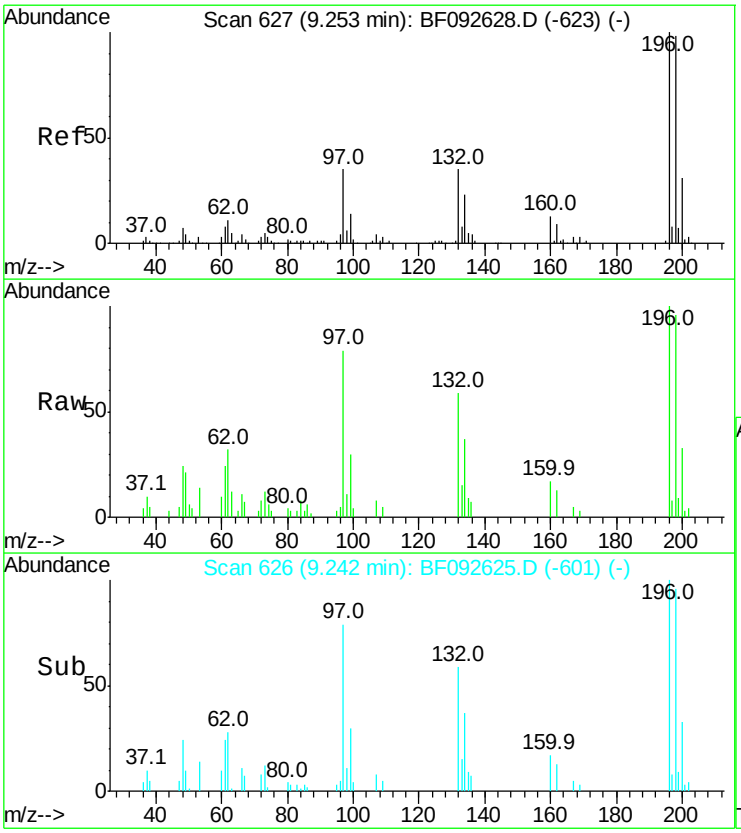
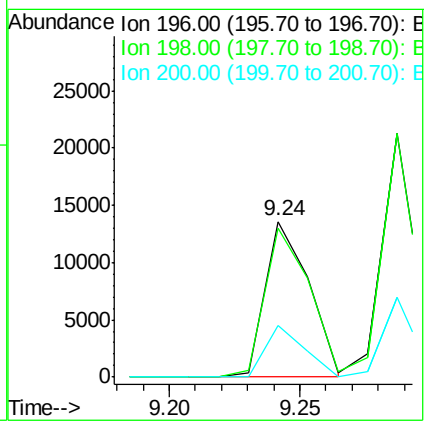
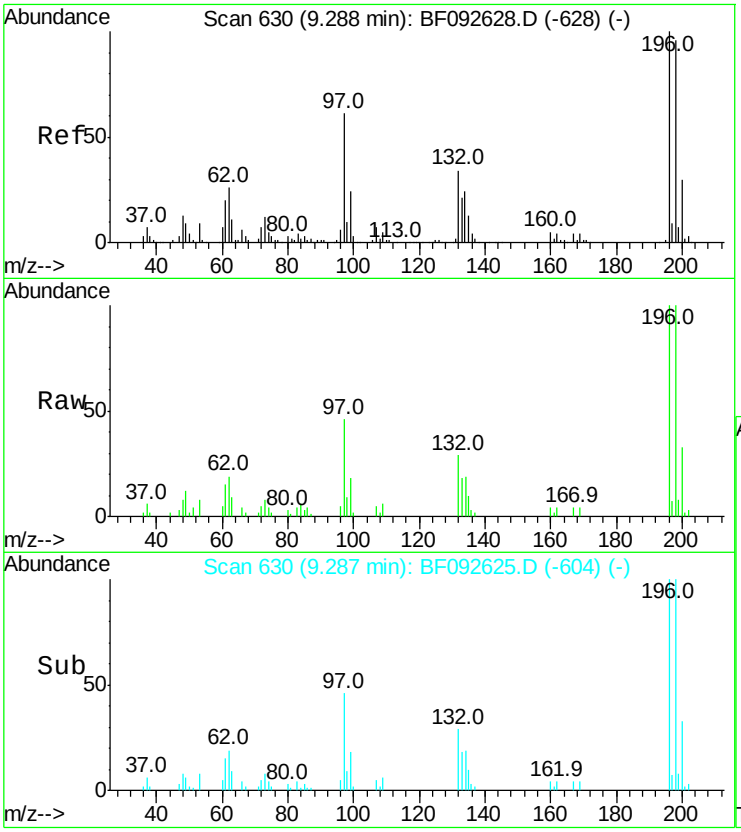


#42
2,4,6-Trichlorophenol
Concen: 2.30 ng
RT: 9.24 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:196 Resp: 15760

Ion	Ratio	Lower	Upper
196	100		
198	96.0	82.1	123.1
200	33.1	27.0	40.4

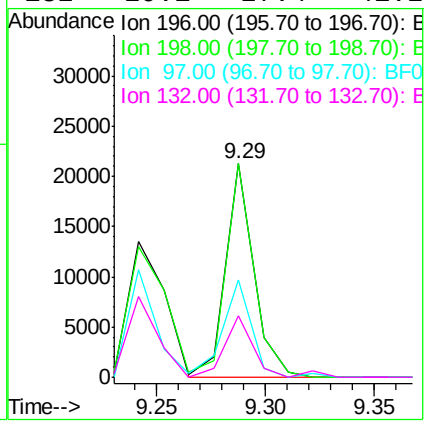




#43
2,4,5-Trichlorophenol
Concen: 3.05 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:196 Resp: 19067

Ion	Ratio	Lower	Upper
196	100		
198	99.8	79.4	119.2
97	45.6	51.5	77.3#
132	29.1	27.4	41.2



Instrument :
BNA_F
ClientSampleId :
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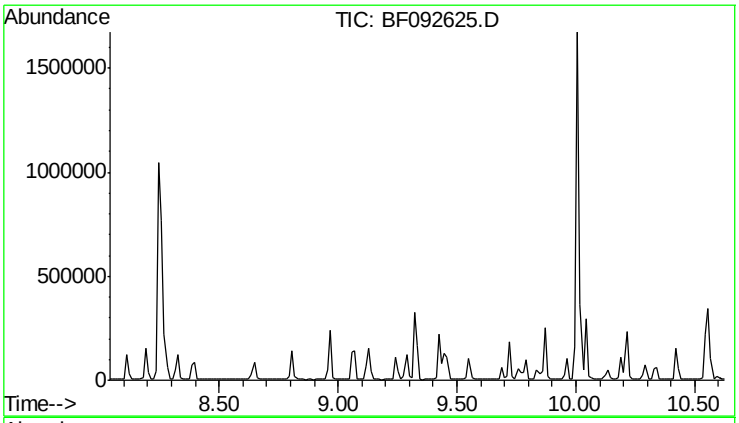
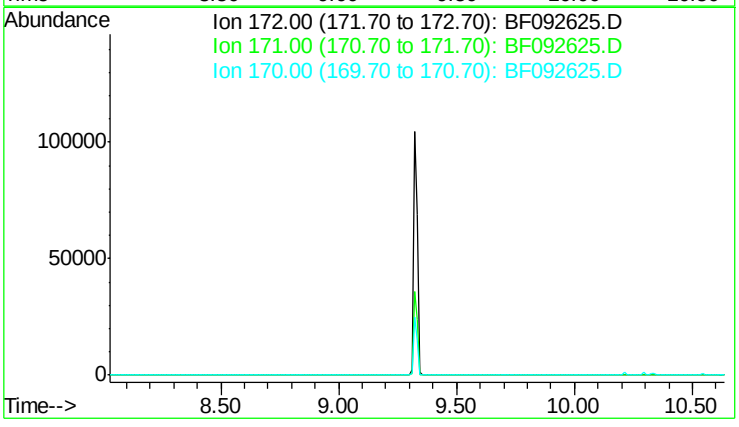


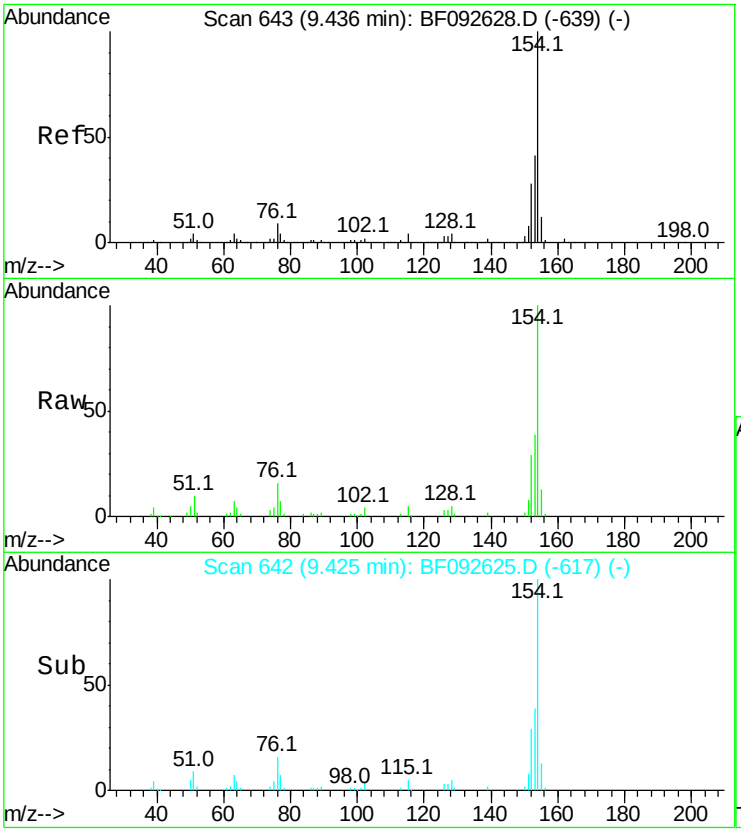


#44
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 9.33 min

Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion: 172

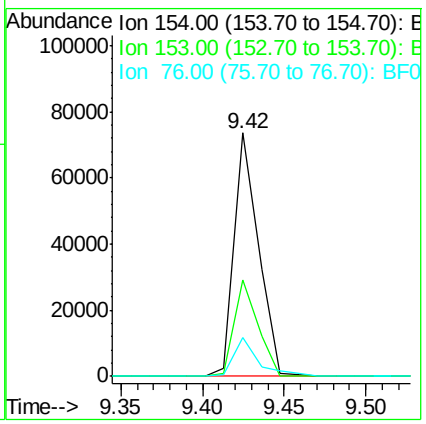
Sig	Exp Ratio
172	100
171	36.7
170	25.3



#45
1,1'-Biphenyl
Concen: 2.94 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:154 Resp: 75130

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.9	60.9
76	16.1	0.0	30.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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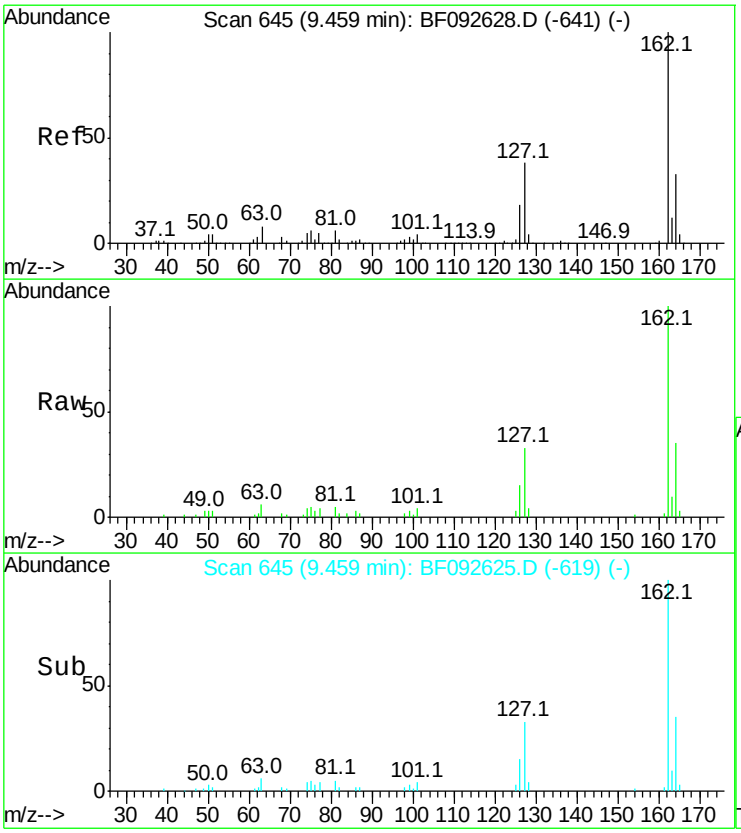
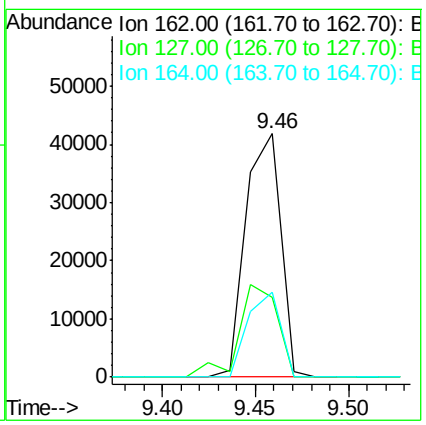
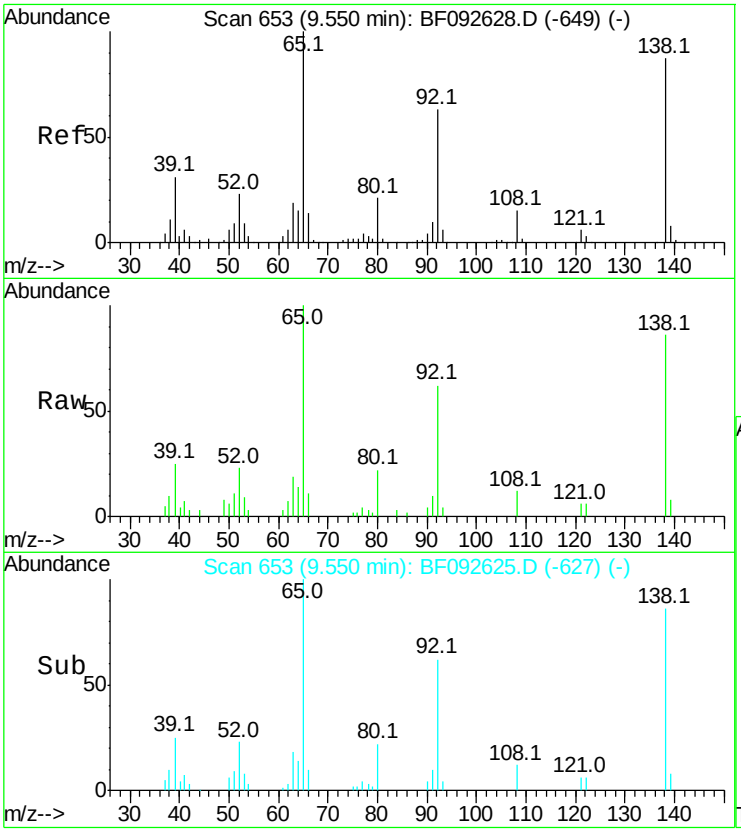


#46
2-Chloronaphthalene
Concen: 2.59 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:162 Resp: 54248

Ion	Ratio	Lower	Upper
162	100		
127	32.9	30.7	46.1
164	34.8	27.6	41.4

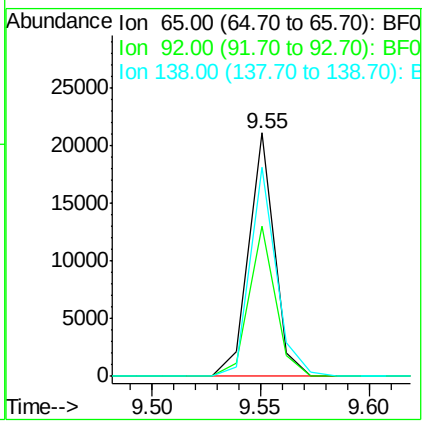




#47
2-Nitroaniline
Concen: 2.46 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion: 65 Resp: 17307

Ion	Ratio	Lower	Upper
65	100		
92	61.6	53.9	80.9
138	86.0	76.8	115.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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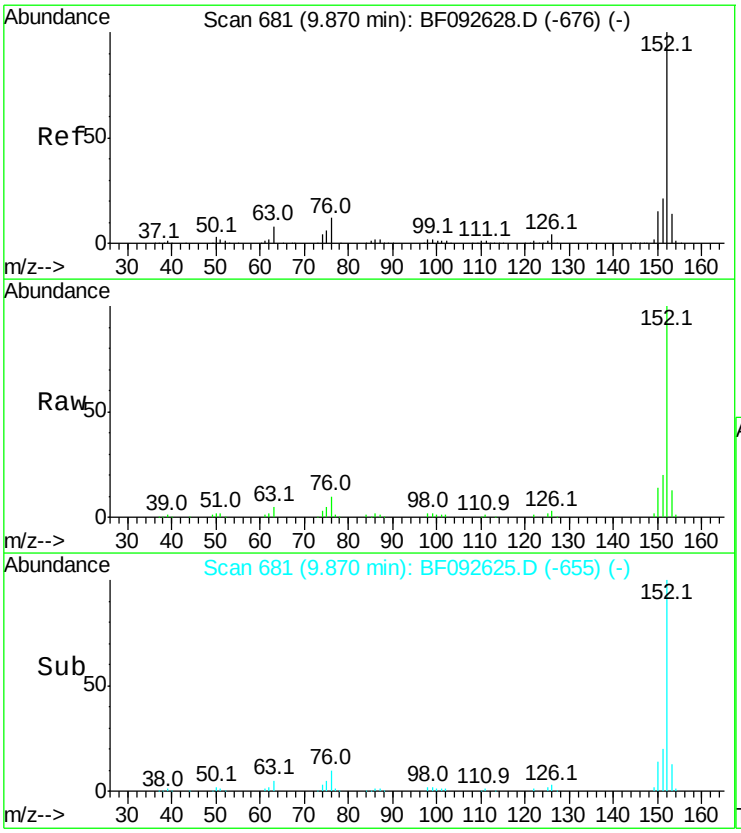
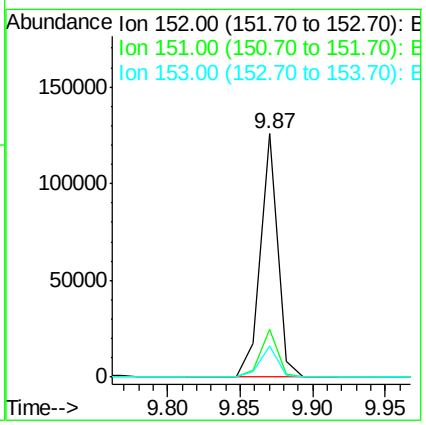
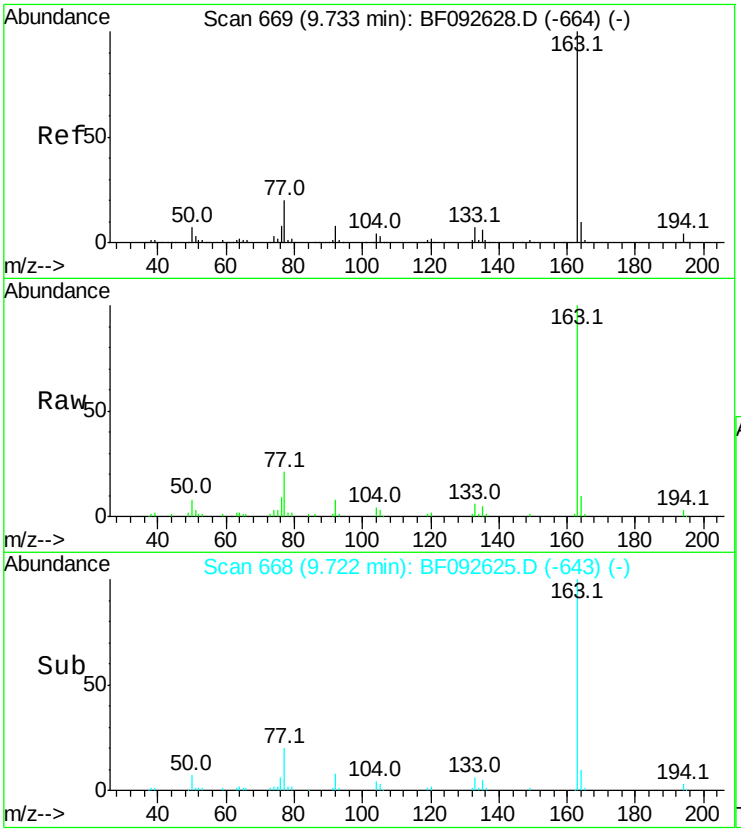


#48
Acenaphthylene
Concen: 3.40 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:152 Resp: 104361

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.9	25.3
153	12.5	11.4	17.2

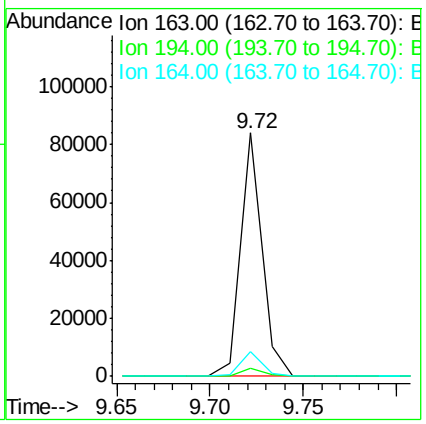




#49
Dimethylphthalate
Concen: 3.03 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:163 Resp: 68211

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.1	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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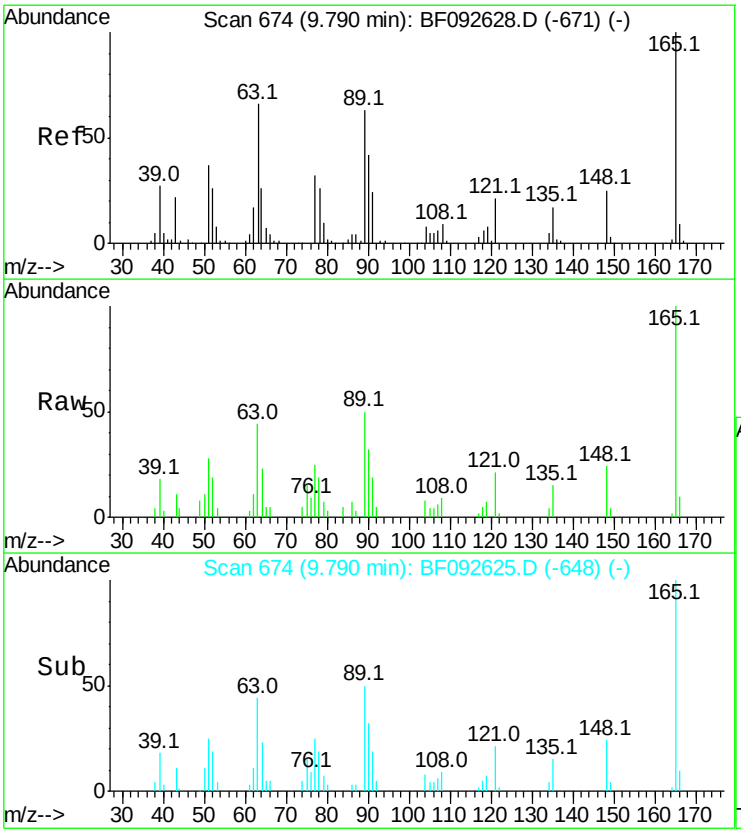
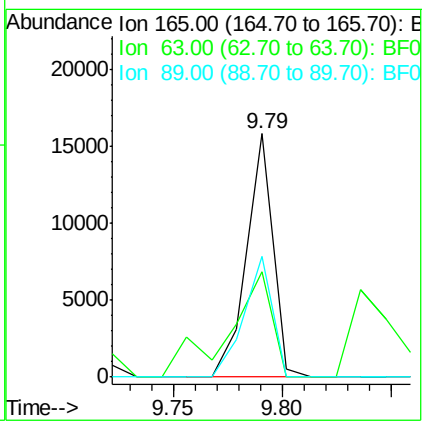
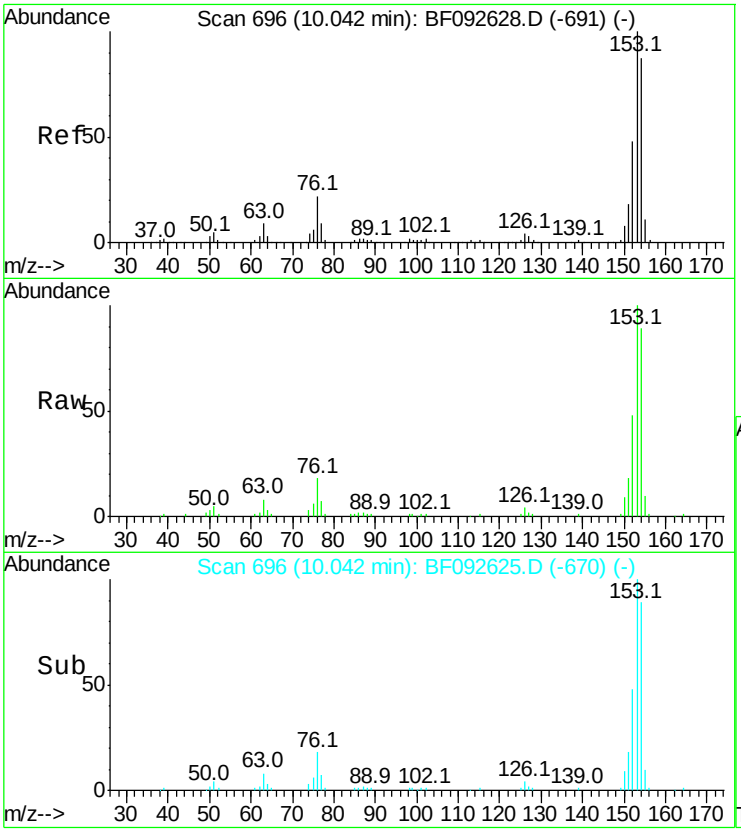


#50
2,6-Dinitrotoluene
Concen: 2.90 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:165 Resp: 13348

Ion	Ratio	Lower	Upper
165	100		
63	43.5	36.2	54.4
89	49.7	40.2	60.4

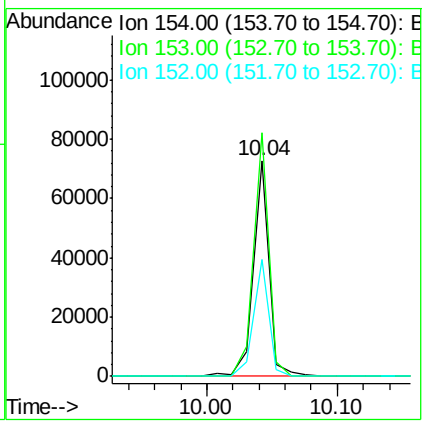




#51
Acenaphthene
Concen: 3.19 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:154 Resp: 60735

Ion	Ratio	Lower	Upper
154	100		
153	112.7	88.6	133.0
152	54.0	41.6	62.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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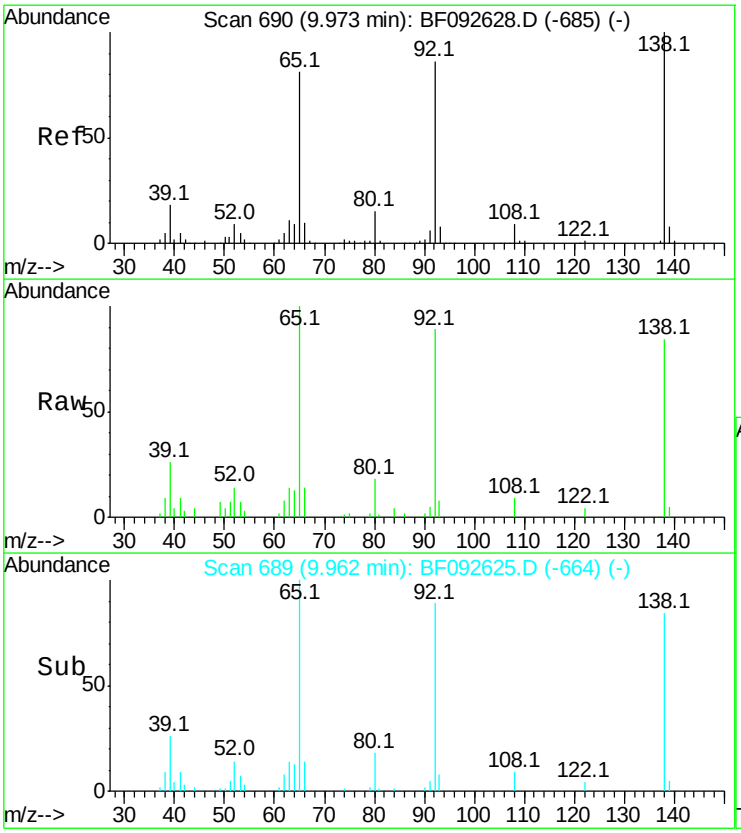
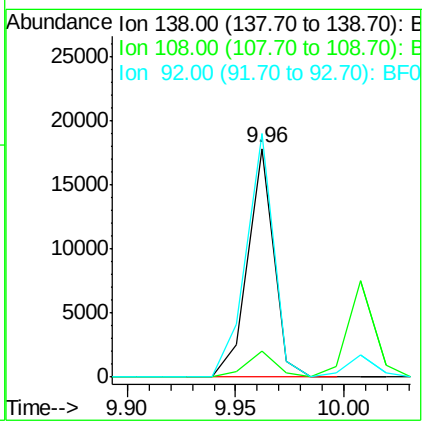
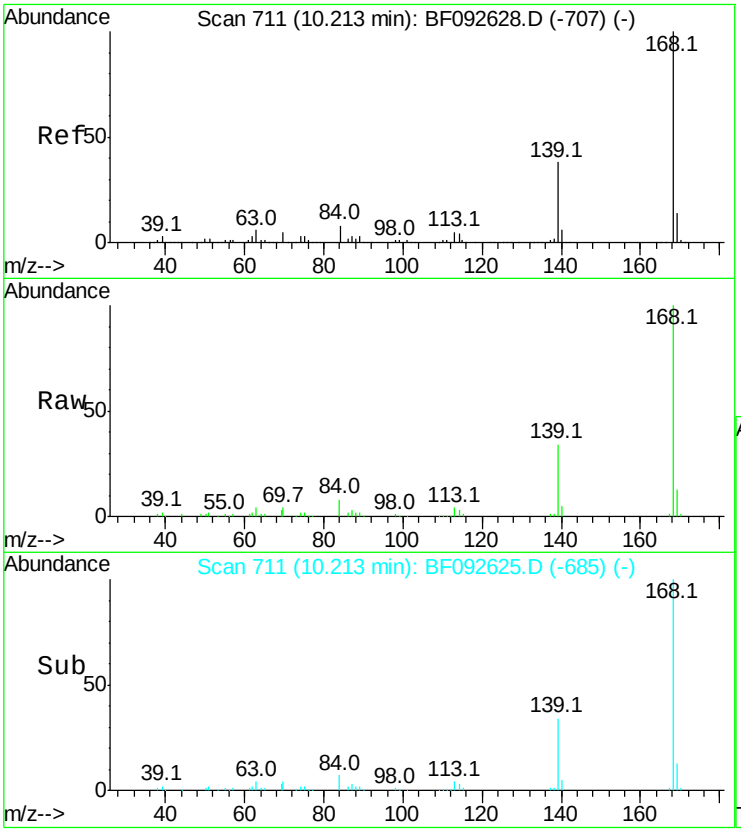


#52
3-Nitroaniline
Concen: 2.57 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:138 Resp: 14807

Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.5	12.7
92	106.4	97.8	146.8

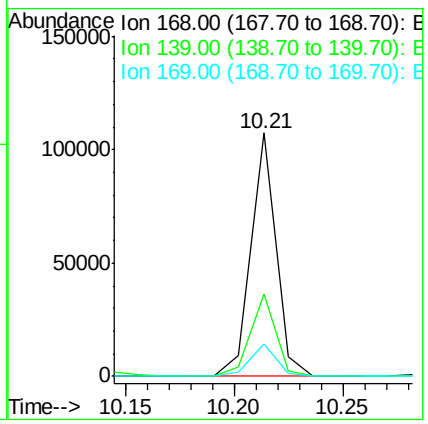




#54
Dibenzofuran
Concen: 3.33 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:168 Resp: 86165

Ion	Ratio	Lower	Upper
168	100		
139	33.8	32.6	49.0
169	13.4	11.3	16.9



Instrument :
BNA_F
ClientSampleId :
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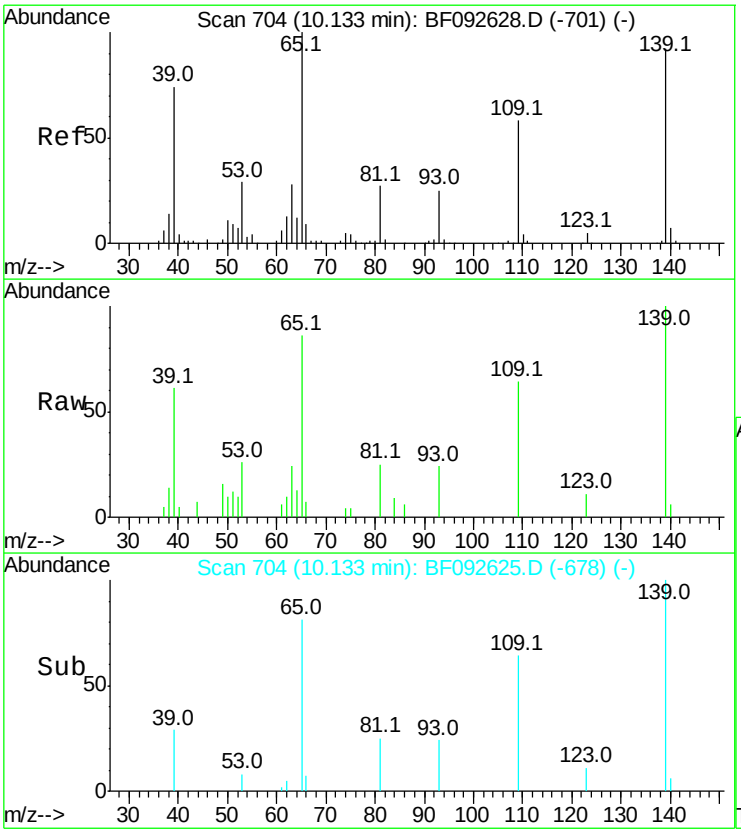
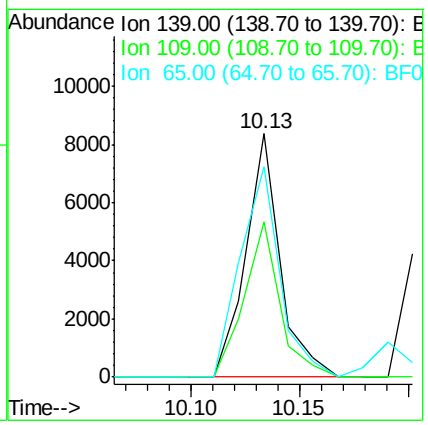
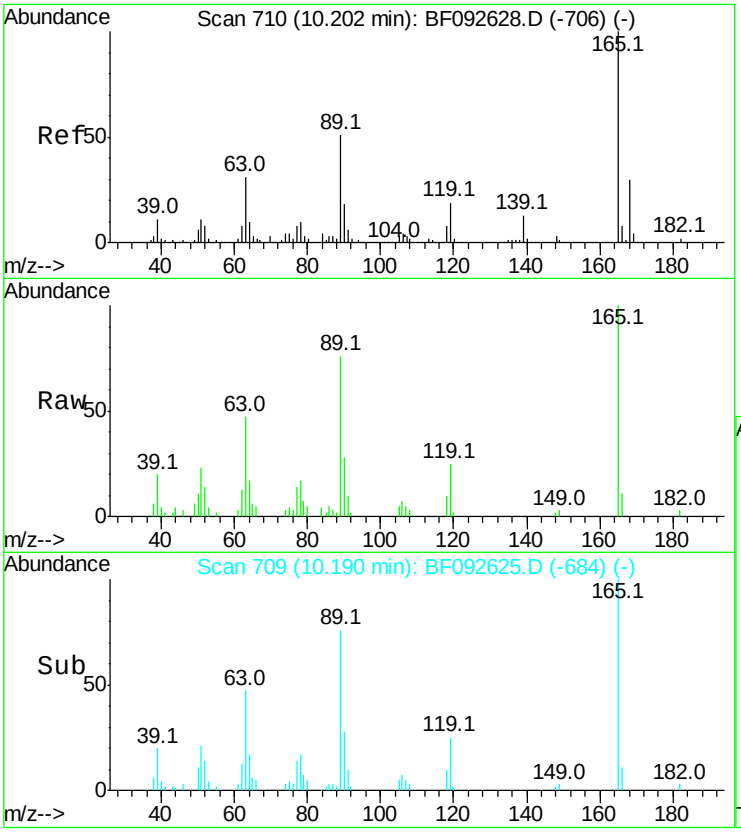


#55
4-Nitrophenol
Concen: 2.00 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:139 Resp: 9169

Ion	Ratio	Lower	Upper
139	100		
109	63.6	52.2	92.2
65	86.2	85.8	125.8

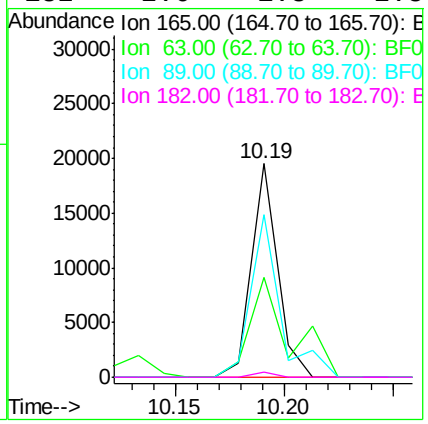




#56
2,4-Dinitrotoluene
Concen: 2.66 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:165 Resp: 16263

Ion	Ratio	Lower	Upper
165	100		
63	46.8	40.2	60.4
89	76.3	62.5	93.7
182	2.6	1.8	2.8



Instrument :
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ClientSampleId :
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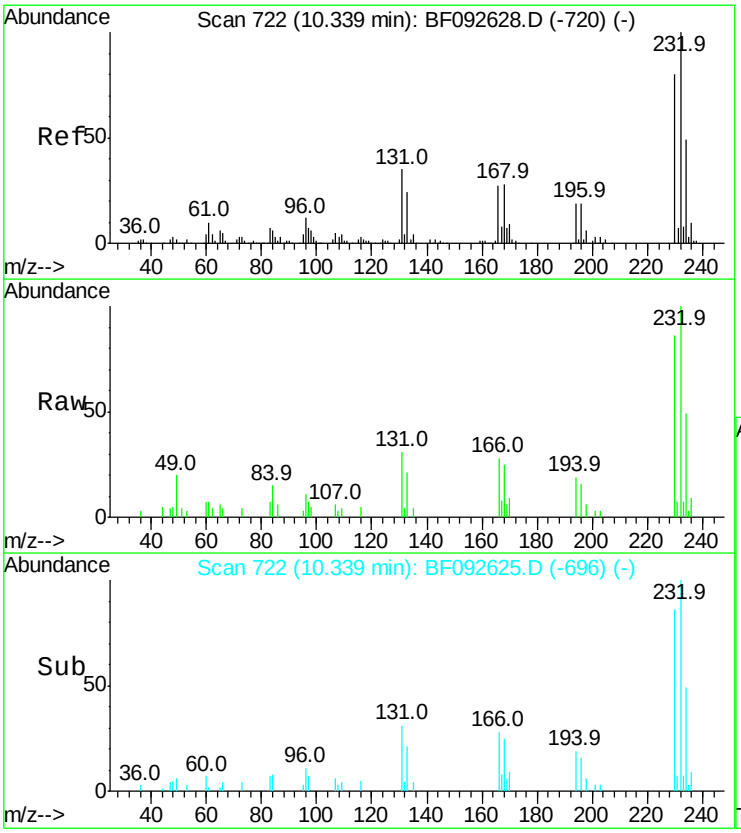
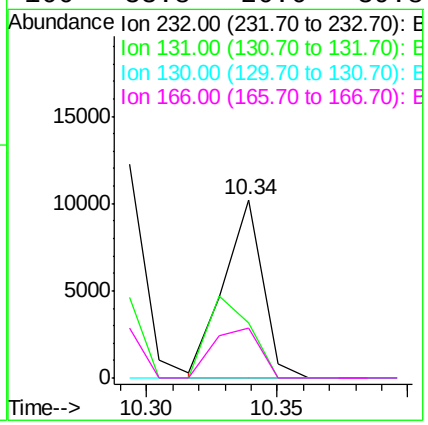
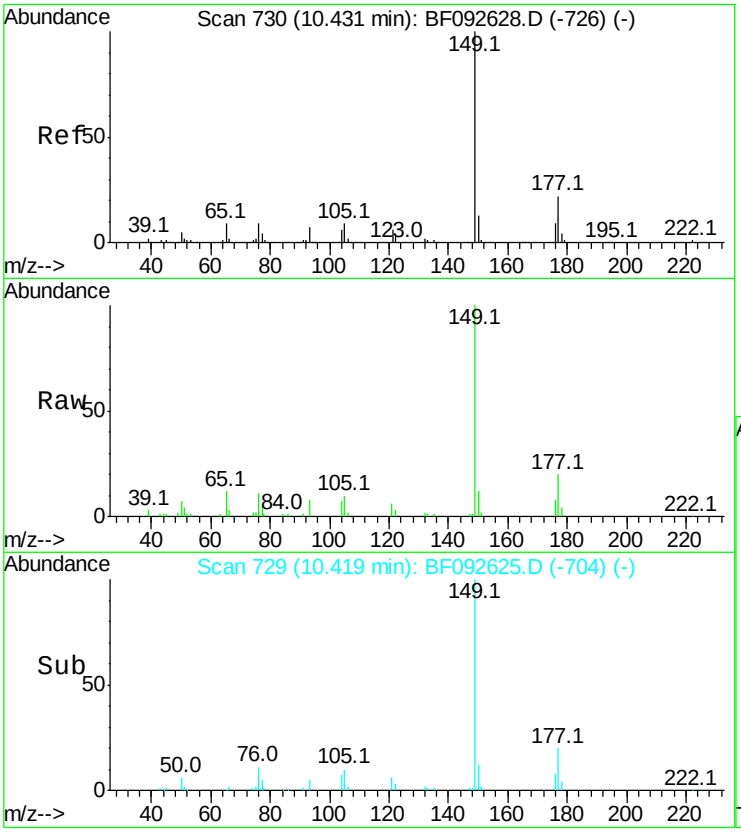


#58
2,3,4,6-Tetrachlorophenol
Concen: 2.28 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:232 Resp: 10706

Ion	Ratio	Lower	Upper
232	100		
131	50.1	40.1	60.1
130	0.0	1.8	2.8#
166	33.8	26.6	39.8

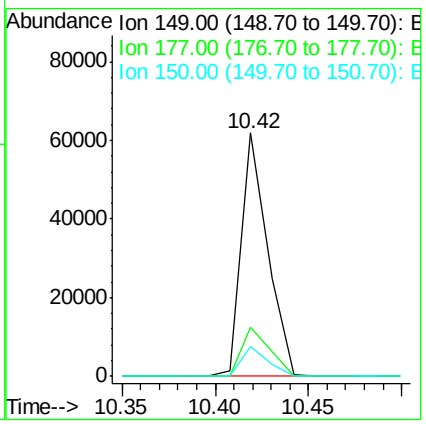




#59
Diethylphthalate
Concen: 2.82 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:149 Resp: 60921

Ion	Ratio	Lower	Upper
149	100		
177	20.1	16.6	25.0
150	12.3	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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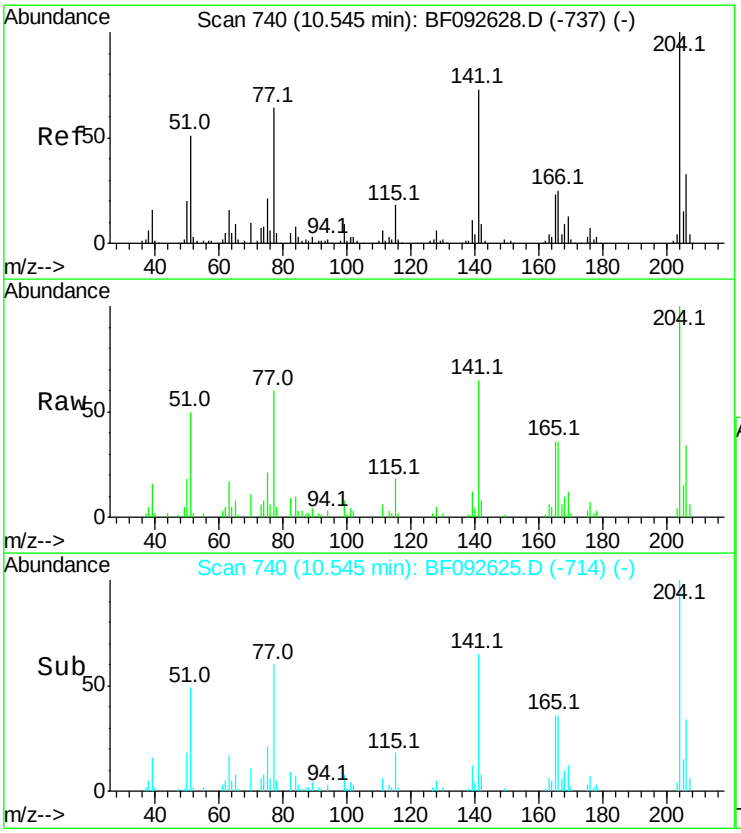
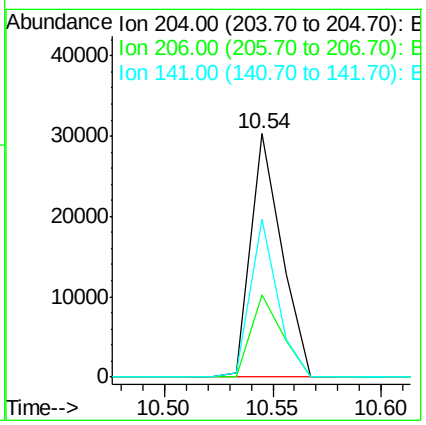
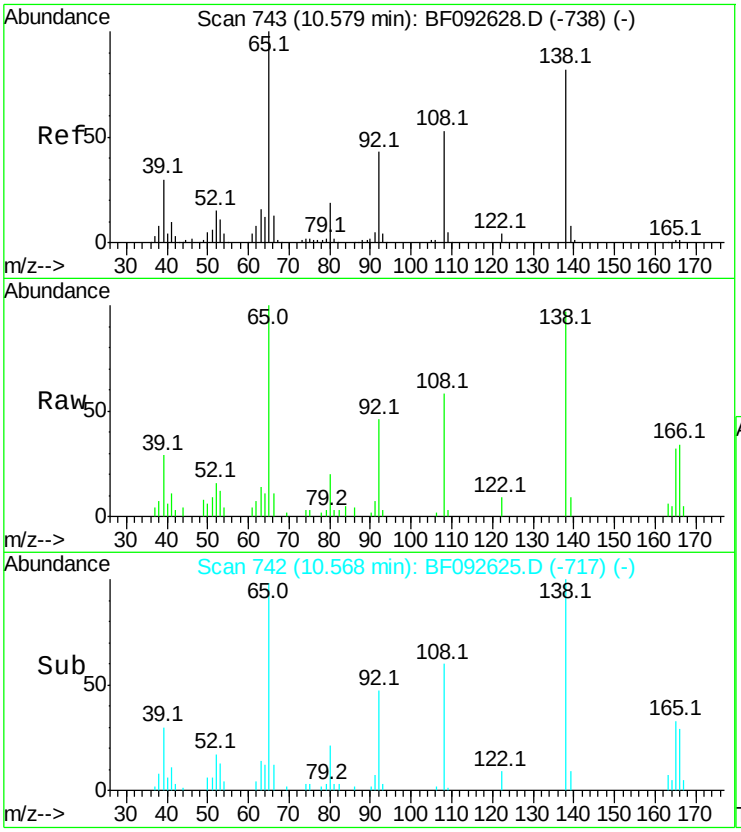


#60
4-Chlorophenyl-phenylether
Concen: 3.22 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:204 Resp: 29960

Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.6
141	65.1	59.4	89.0

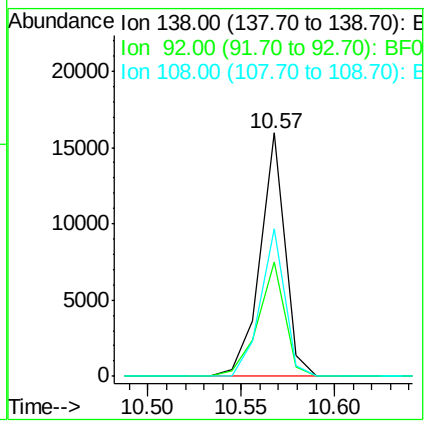




#61
4-Nitroaniline
Concen: 2.54 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:138 Resp: 14619

Ion	Ratio	Lower	Upper
138	100		
92	47.1	31.7	71.7
108	60.4	52.6	92.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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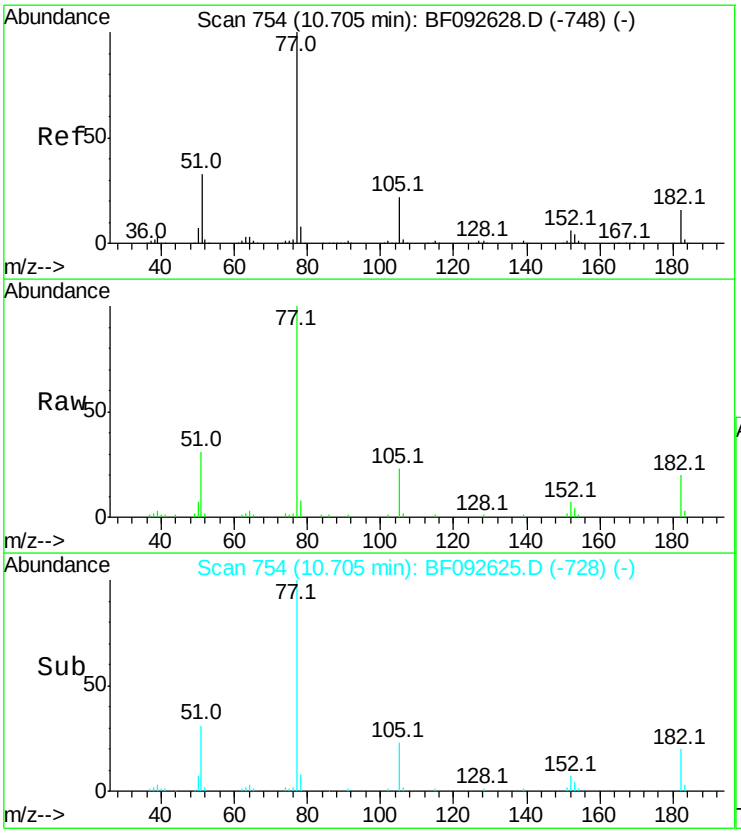
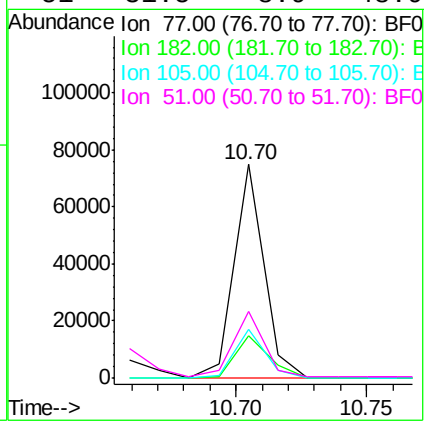
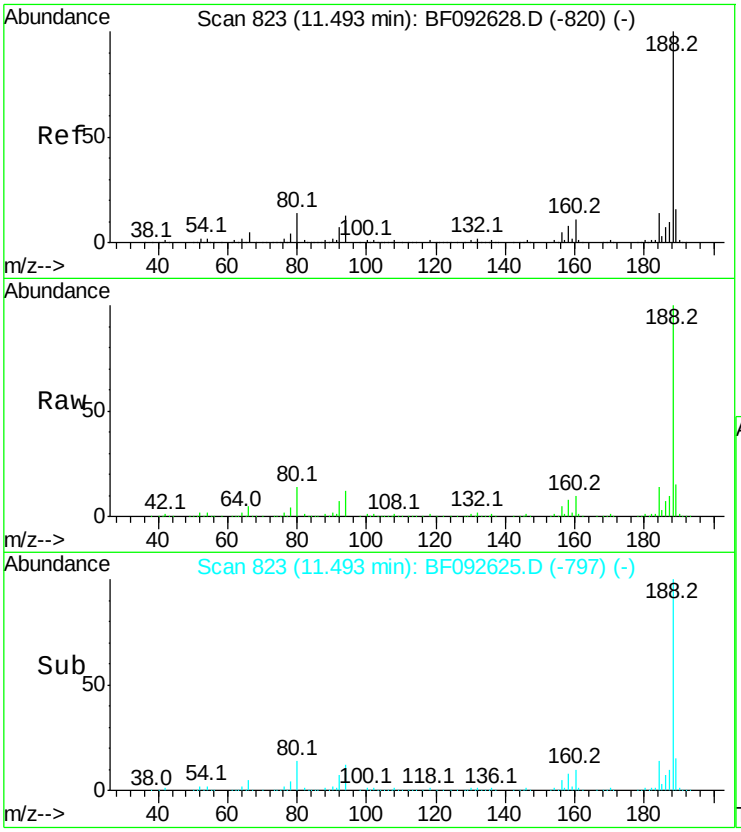


#62
Azobenzene
Concen: 2.45 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion: 77 Resp: 60311

Ion	Ratio	Lower	Upper
77	100		
182	19.8	0.0	39.3
105	23.0	2.3	42.3
51	31.5	8.9	48.9

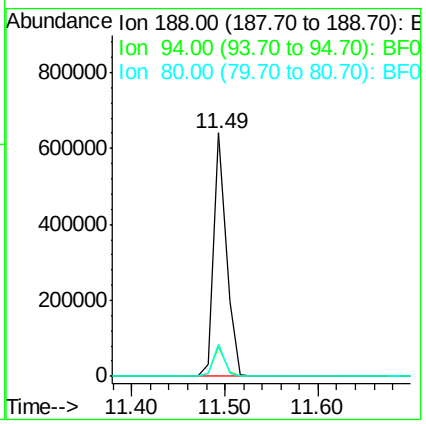




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:188 Resp: 603712

Ion	Ratio	Lower	Upper
188	100		
94	12.3	10.0	15.0
80	13.5	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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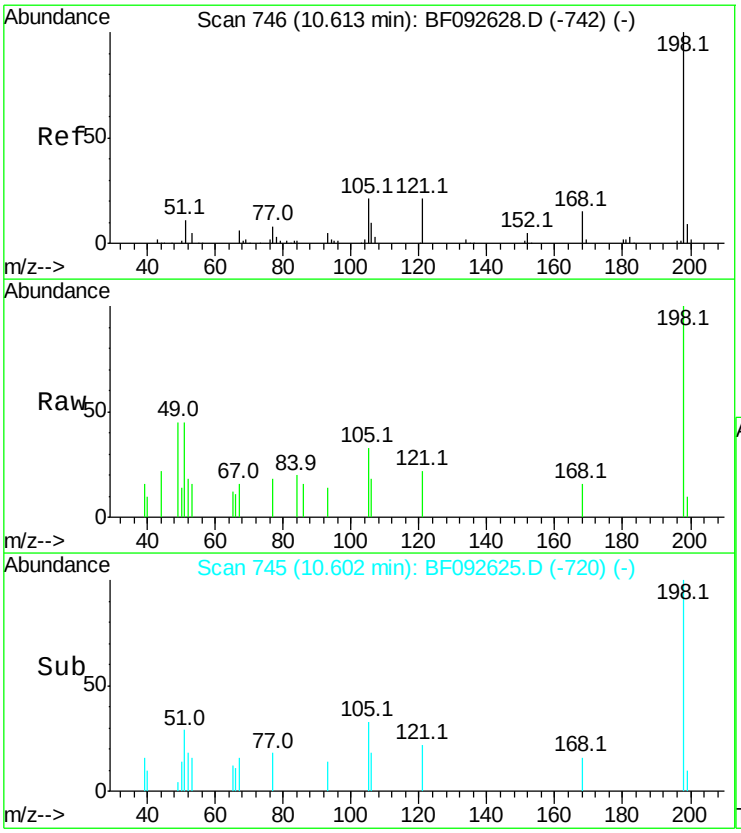
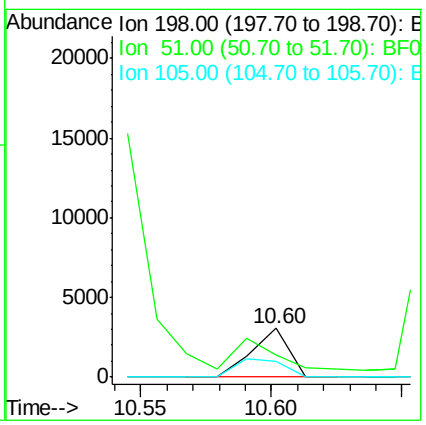
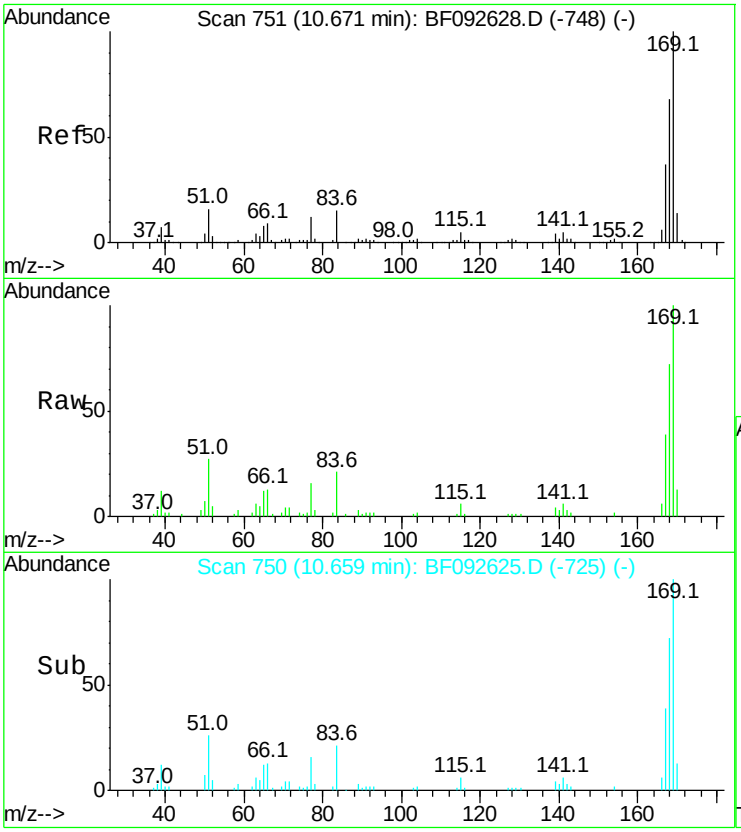


#64
4,6-Dinitro-2-methylphenol
Concen: 0.99 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:198 Resp: 2961

Ion	Ratio	Lower	Upper
198	100		
51	45.2	6.7	46.7
105	33.4	16.6	56.6

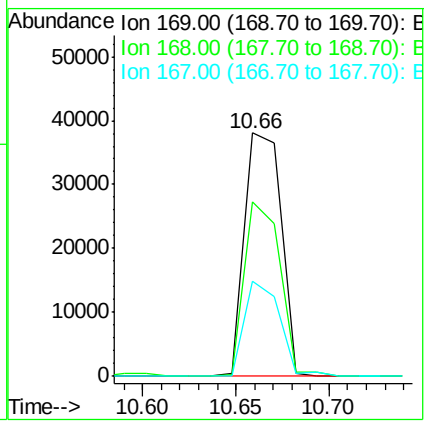




#65
n-Nitrosodiphenylamine
Concen: 2.75 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:169 Resp: 51859

Ion	Ratio	Lower	Upper
169	100		
168	71.8	54.2	81.2
167	39.0	30.2	45.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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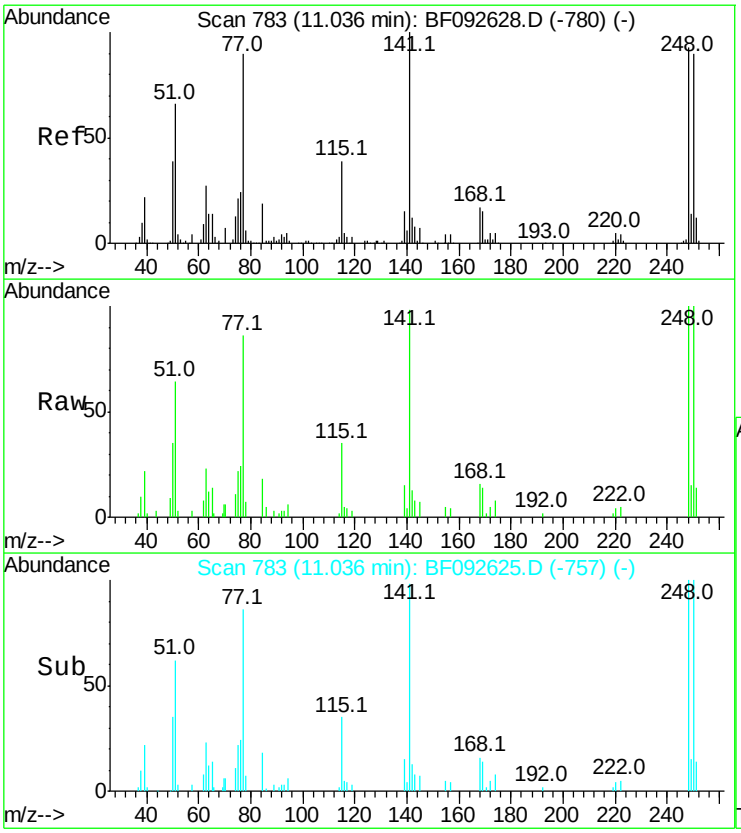
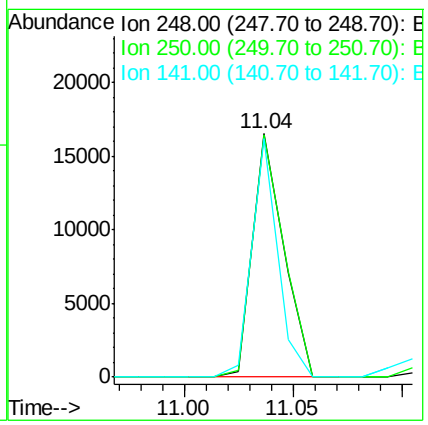
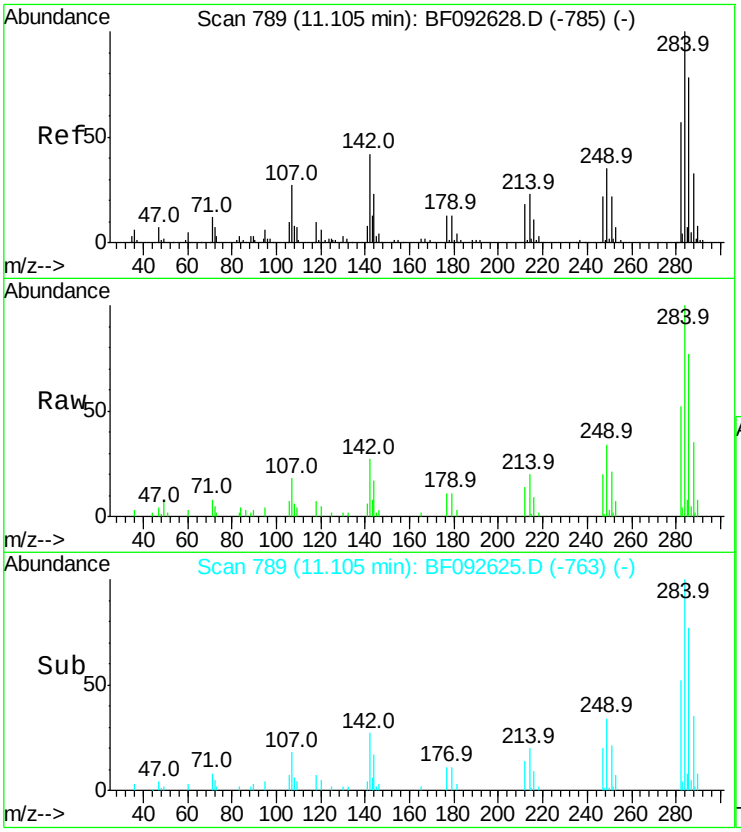


#66
4-Bromophenyl-phenylether
Concen: 2.70 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:248 Resp: 16475

Ion	Ratio	Lower	Upper
248	100		
250	99.6	76.9	115.3
141	98.0	68.2	102.4

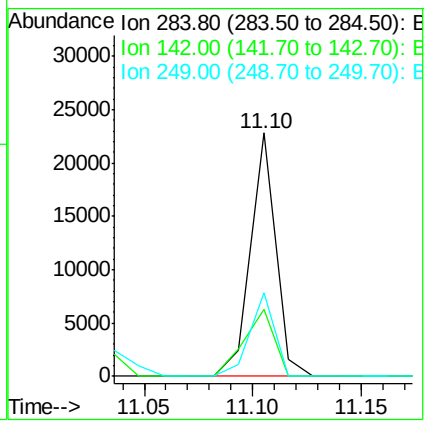




#67
Hexachlorobenzene
Concen: 2.98 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:284 Resp: 18369

Ion	Ratio	Lower	Upper
284	100		
142	27.5	22.6	33.8
249	34.2	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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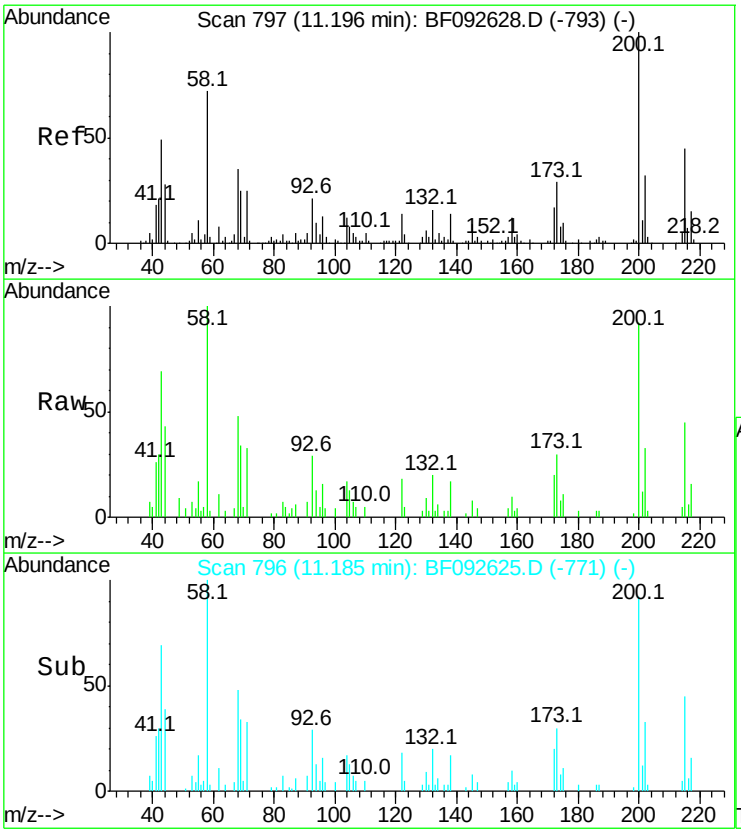
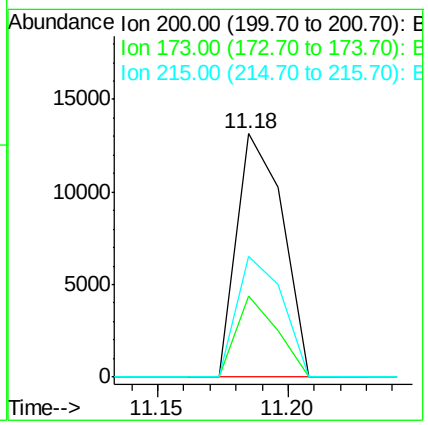
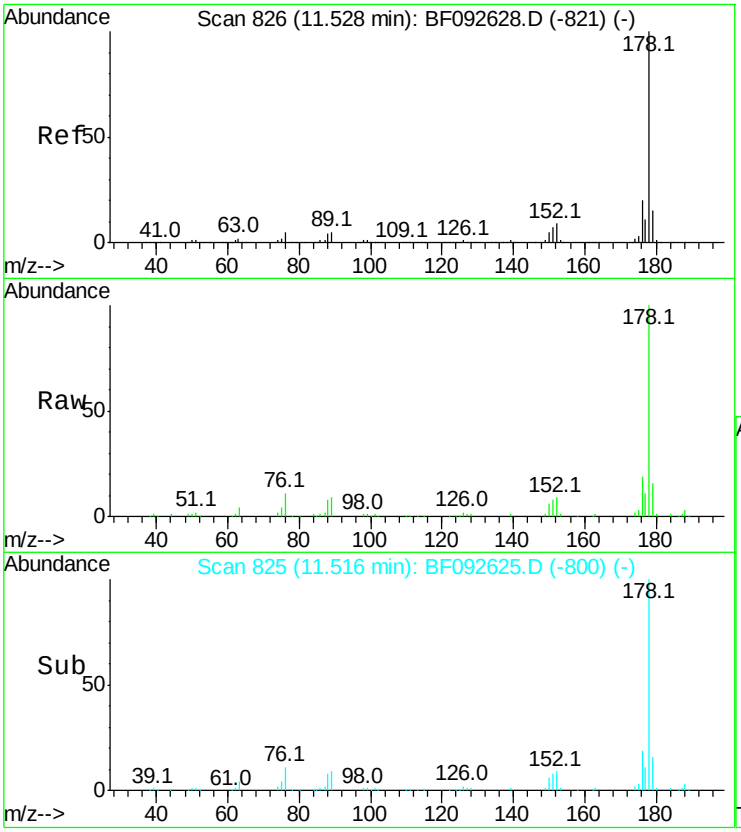


#68
Atrazine
Concen: 2.49 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:200 Resp: 16054

Ion	Ratio	Lower	Upper
200	100		
173	33.1	9.6	49.6
215	49.4	25.7	65.7

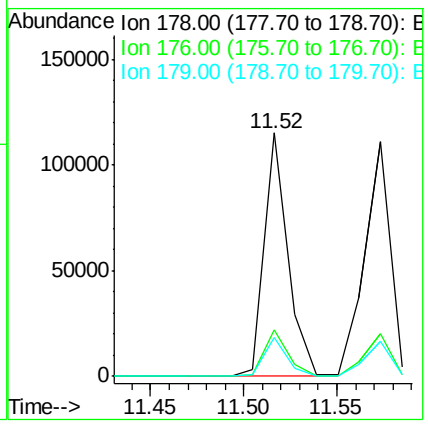




#70
Phenanthrene
Concen: 3.07 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:178 Resp: 102077

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	25.0
179	15.8	12.8	19.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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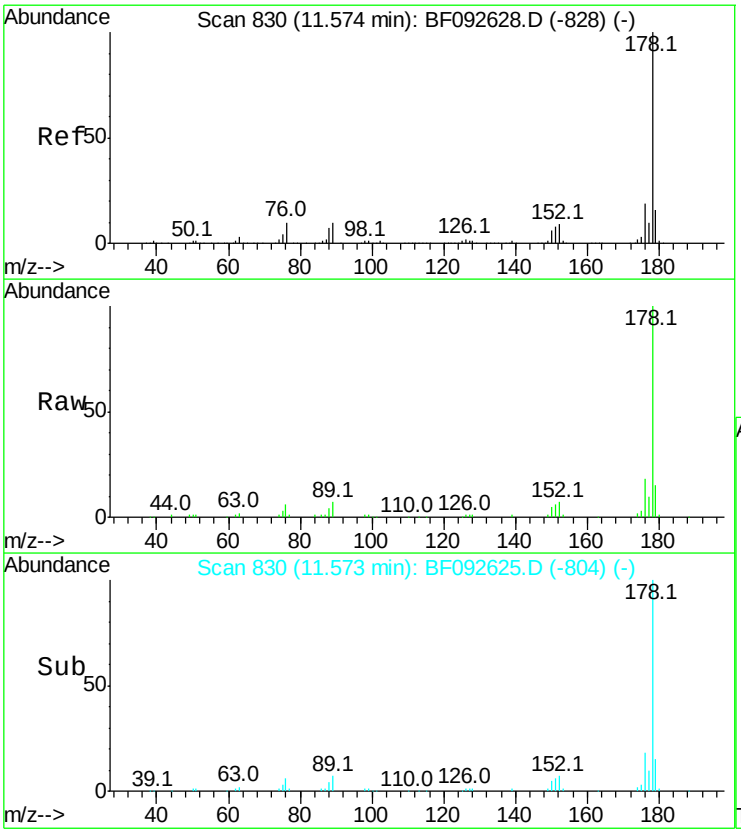
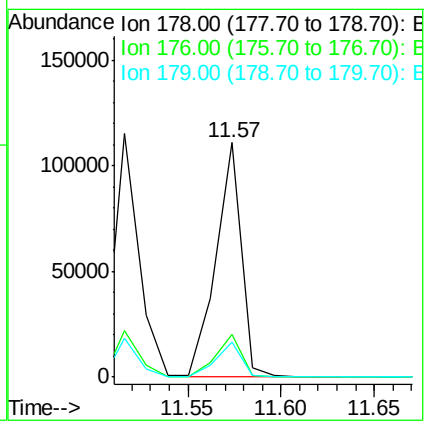
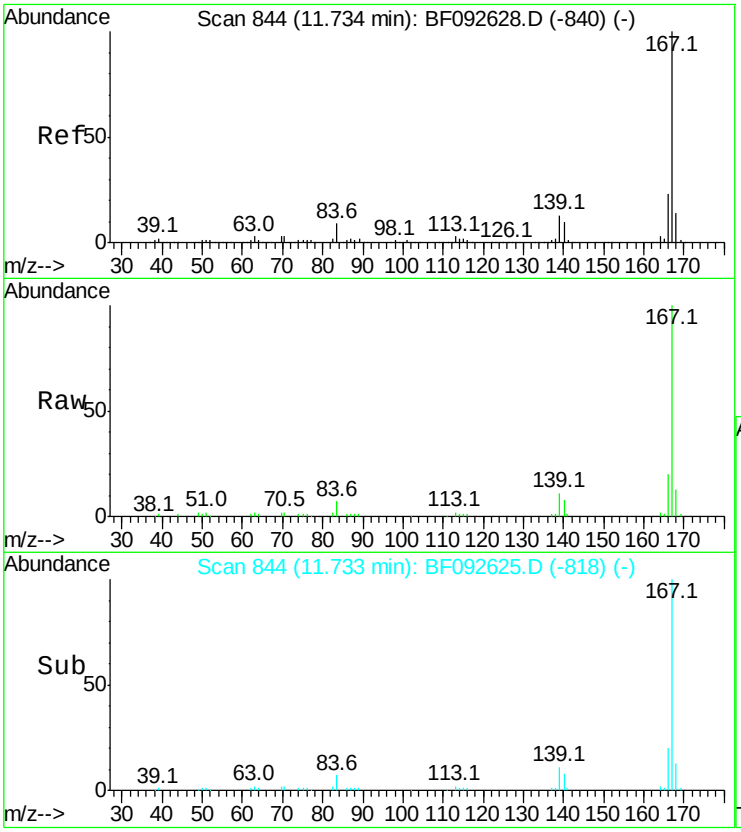


#71
Anthracene
Concen: 3.24 ng
RT: 11.57 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:178 Resp: 105149

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.9	23.9
179	14.8	13.2	19.8

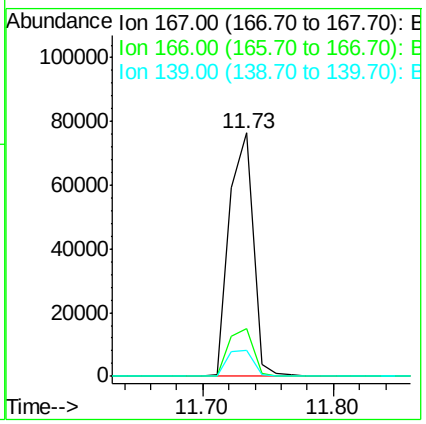




#72
Carbazole
Concen: 3.12 ng
RT: 11.73 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:167 Resp: 96833

Ion	Ratio	Lower	Upper
167	100		
166	19.6	18.2	27.2
139	10.8	11.4	17.2#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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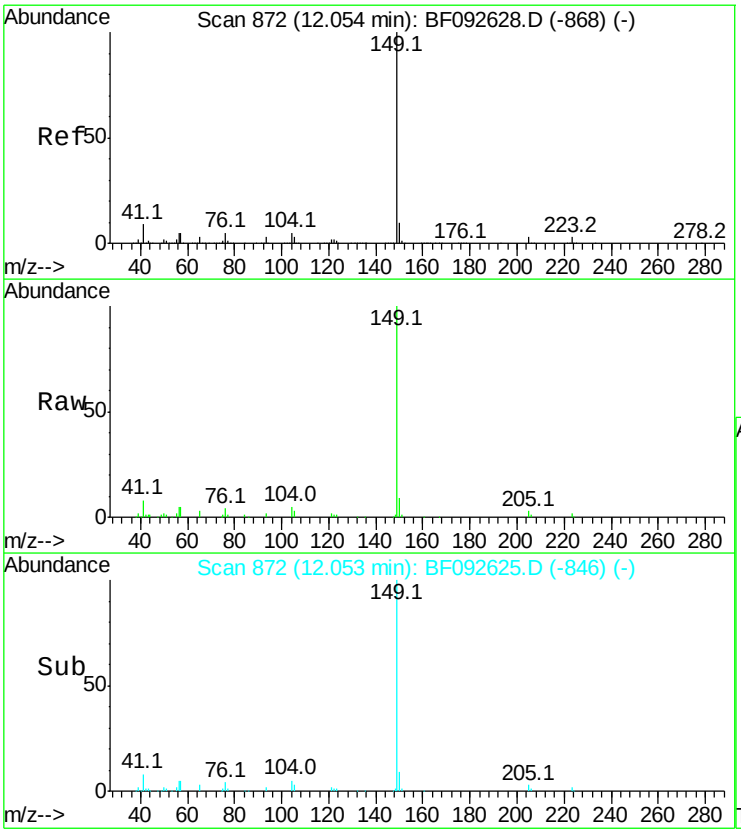
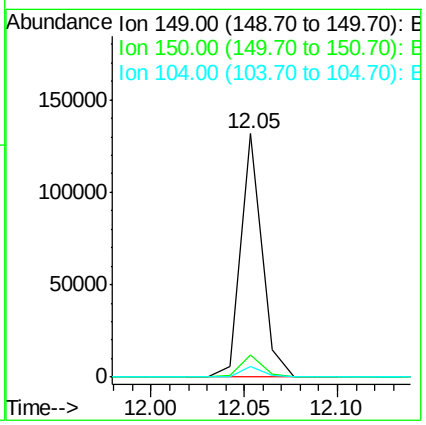
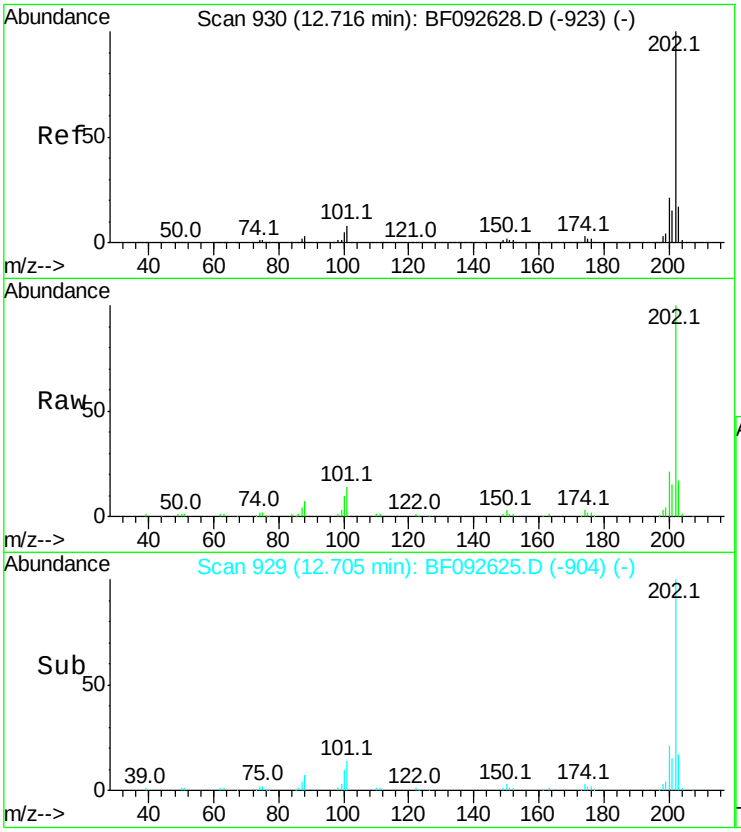


#73
Di-n-butylphthalate
Concen: 2.96 ng
RT: 12.05 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:149 Resp: 105034

Ion	Ratio	Lower	Upper
149	100		
150	8.9	8.1	12.1
104	4.5	4.6	7.0#

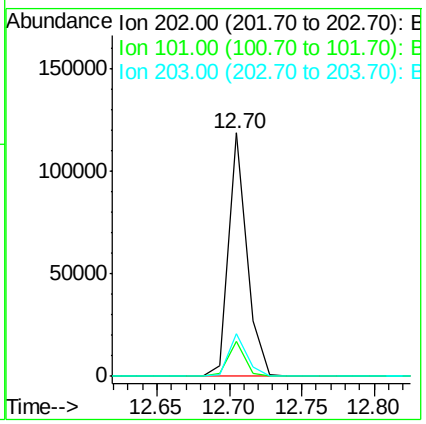




#74
Fluoranthene
Concen: 3.21 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:202 Resp: 104434

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.6
203	17.5	0.0	38.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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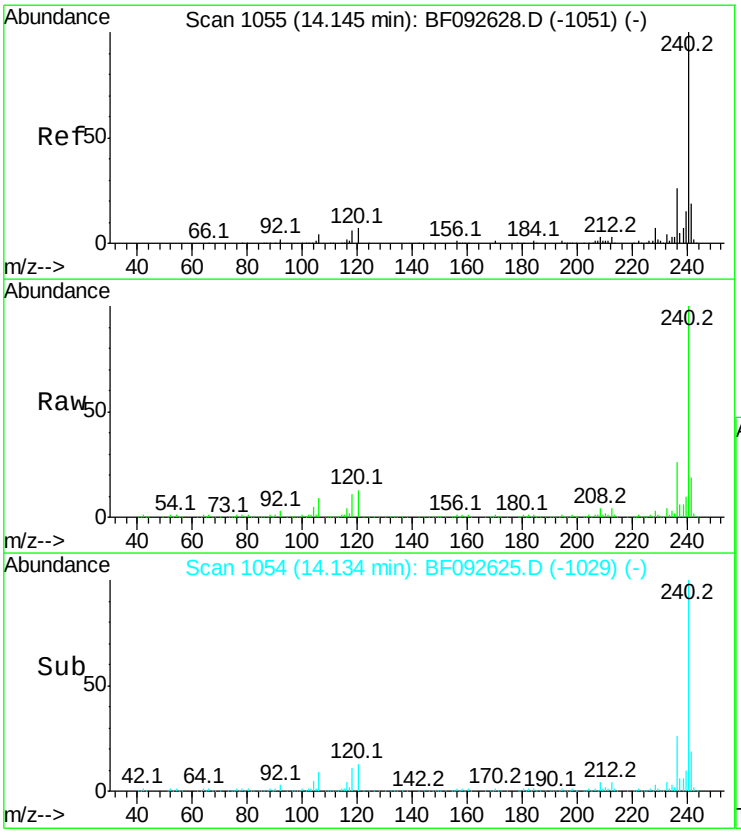
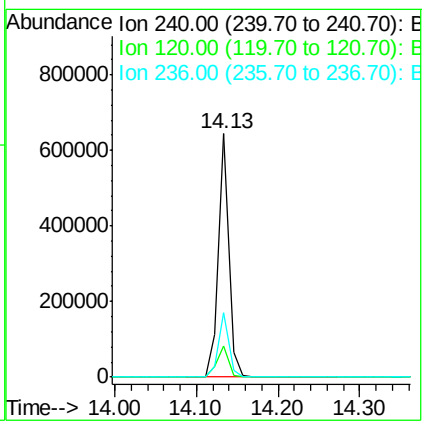
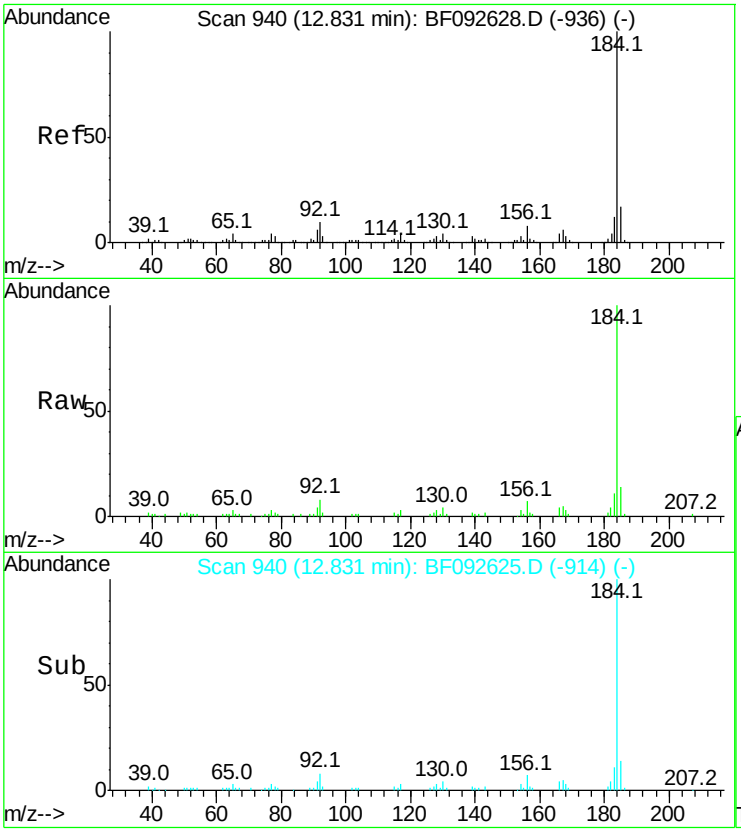


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:240 Resp: 574890

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

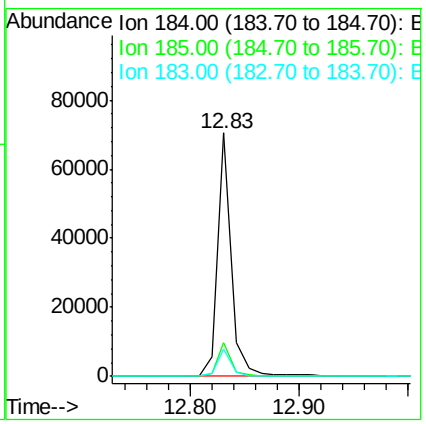




#76
Benzidine
Concen: 2.93 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:184 Resp: 62471

Ion	Ratio	Lower	Upper
184	100		
185	13.8	13.4	20.0
183	11.4	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
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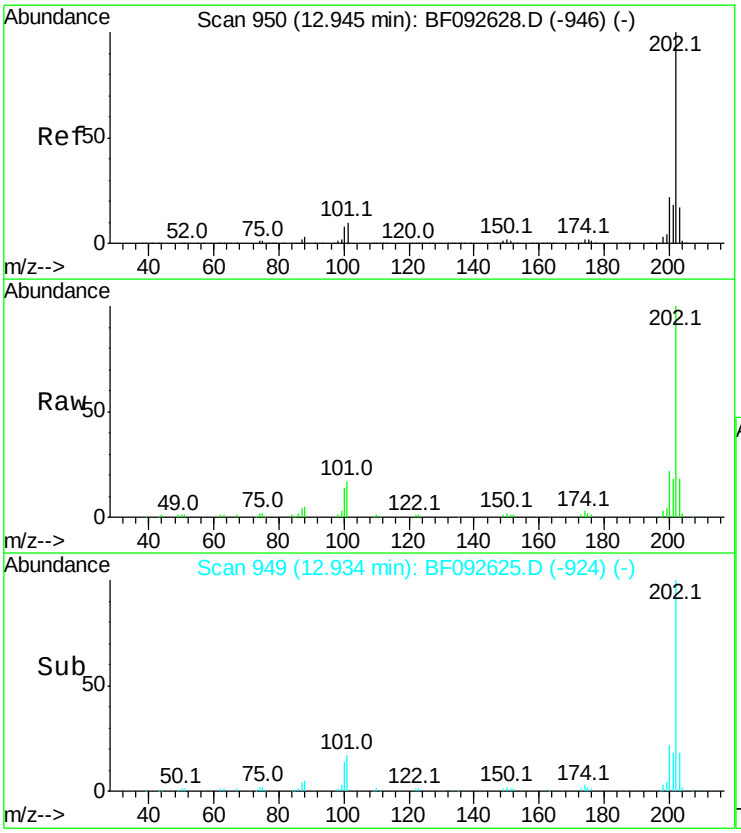
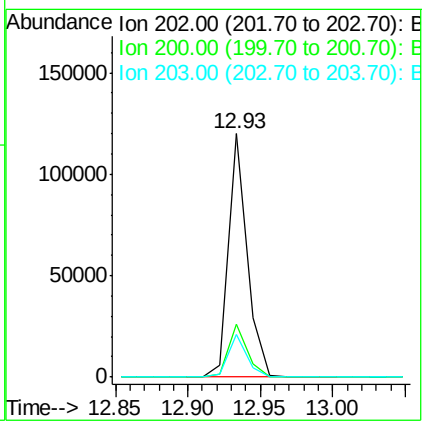
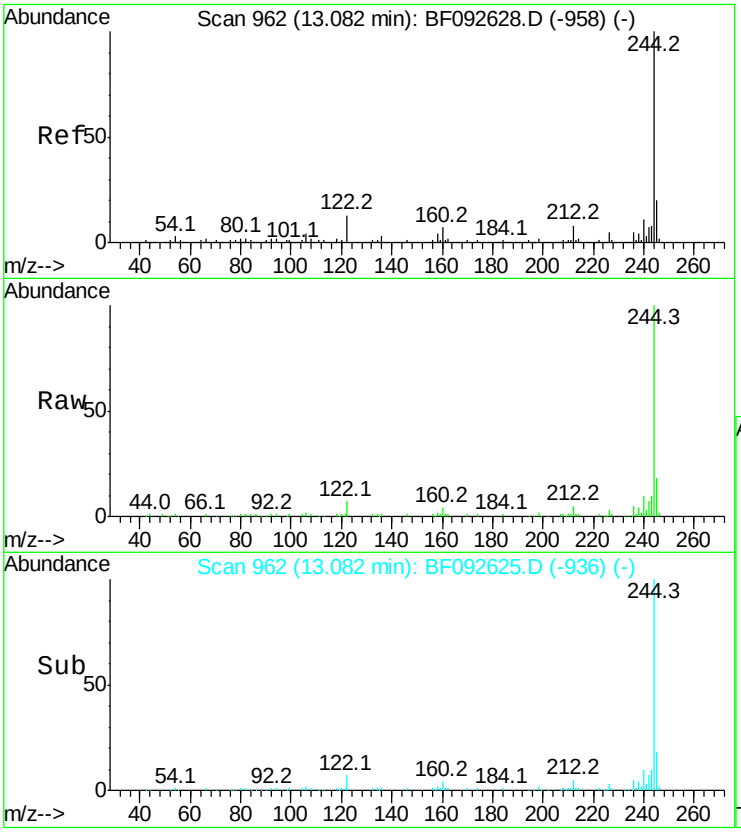


#77
Pyrene
Concen: 2.58 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:202 Resp: 107467

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	17.6	14.7	22.1





#78
Terphenyl-d14
Concen: 6.34 ng
RT: 13.08 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:244 Resp: 136794

Ion	Ratio	Lower	Upper
244	100		
212	5.5	6.2	9.2#
122	6.7	11.4	17.2#

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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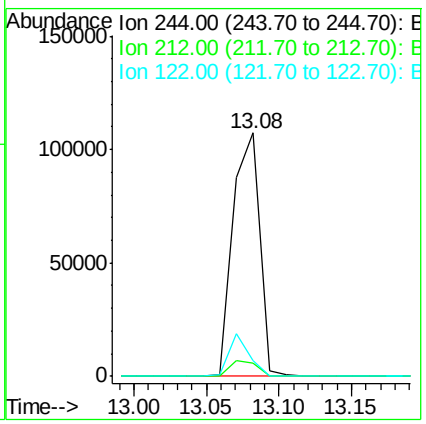
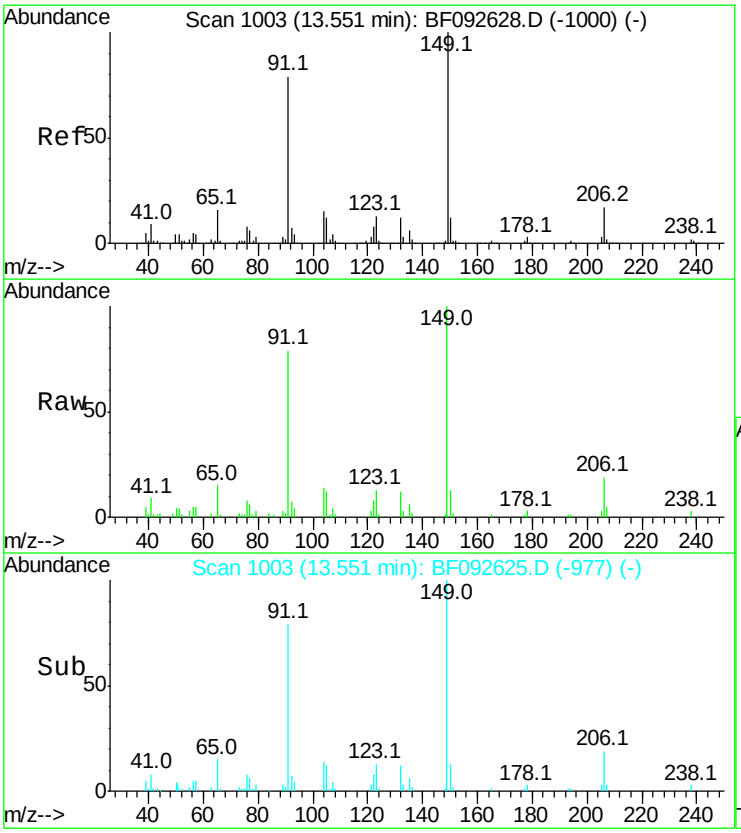
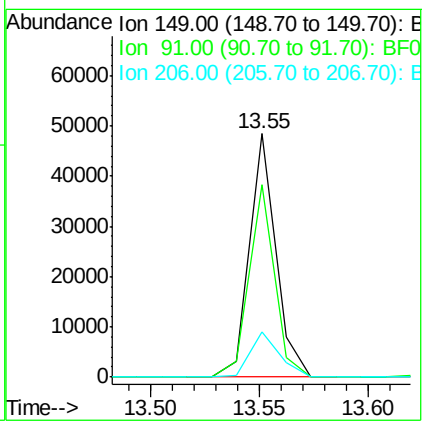


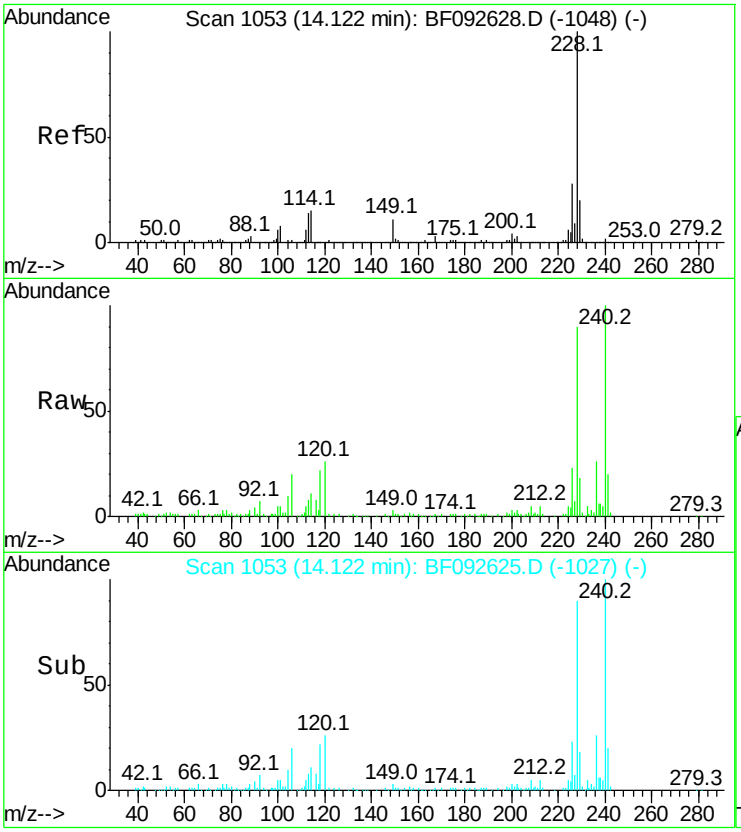


#79
Butylbenzylphthalate
Concen: 2.42 ng
RT: 13.55 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:149 Resp: 40791

Ion	Ratio	Lower	Upper
149	100		
91	78.8	63.9	95.9
206	18.8	14.6	21.8





#80
Benzo(a)anthracene
Concen: 3.18 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:228 Resp: 98207

Ion	Ratio	Lower	Upper
228	100		
226	25.8	22.4	33.6
229	19.6	16.2	24.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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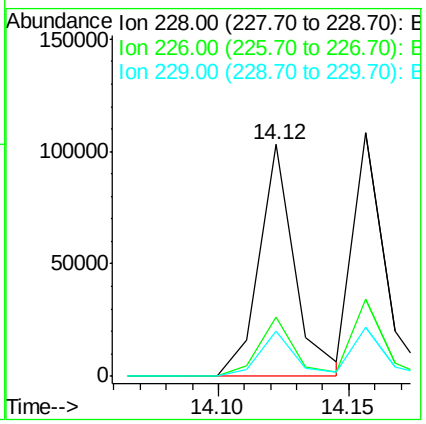
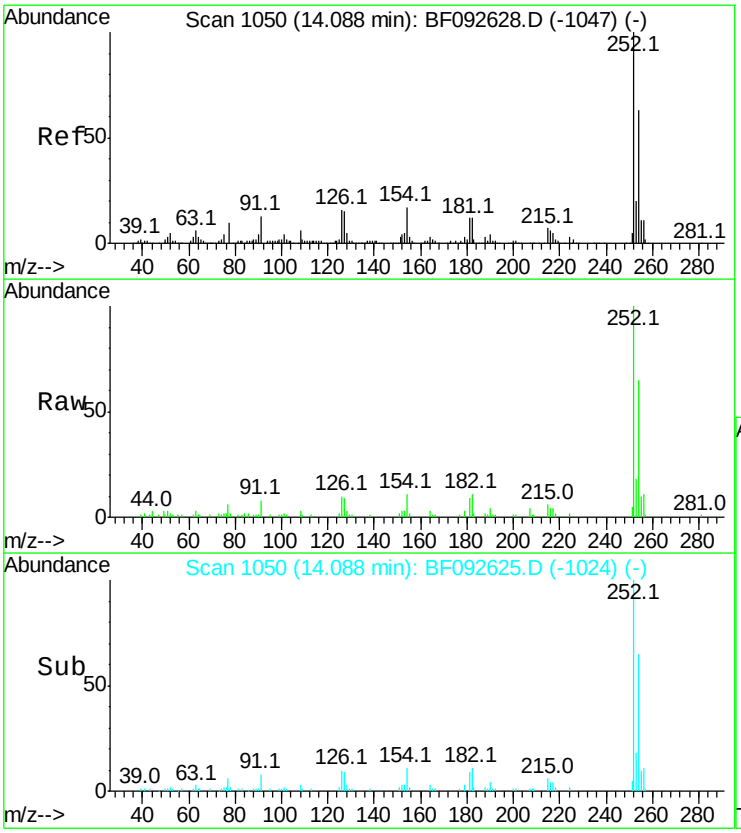
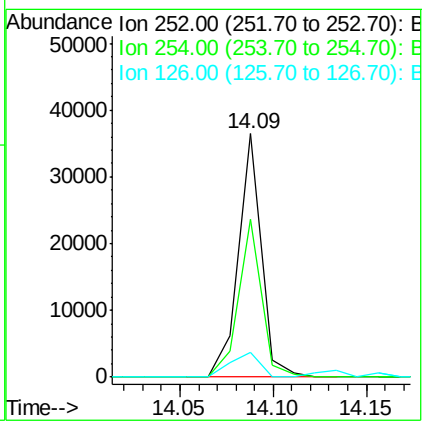


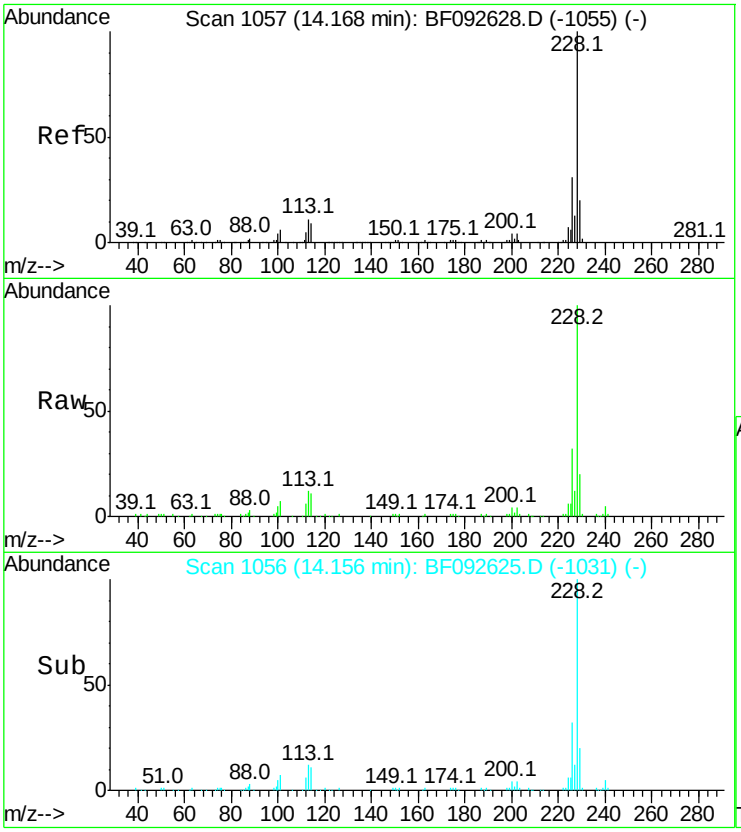


#81
3,3'-Dichlorobenzidine
Concen: 2.68 ng
RT: 14.09 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:252 Resp: 31495

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.3	78.5
126	9.9	13.6	20.4#





#82
Chrysene
Concen: 2.72 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:228 Resp: 89777

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.4	38.0
229	19.9	16.2	24.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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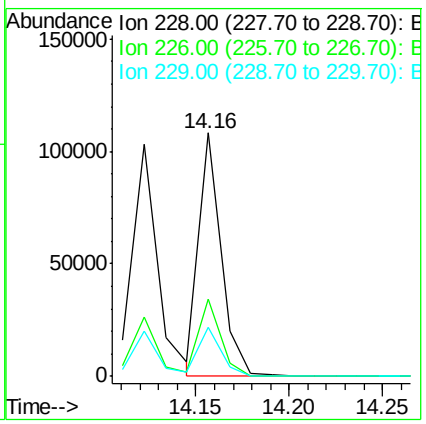
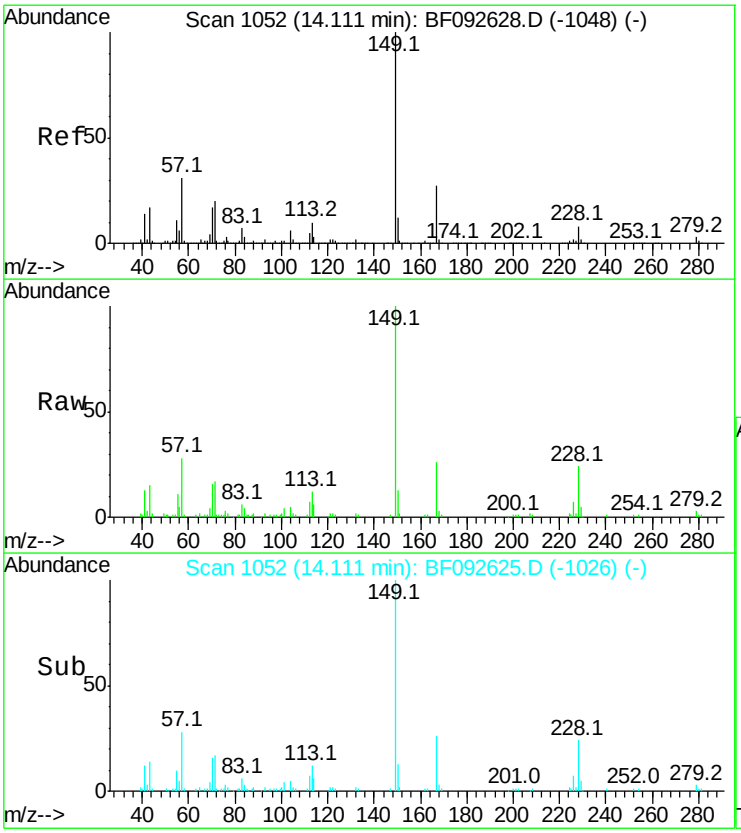
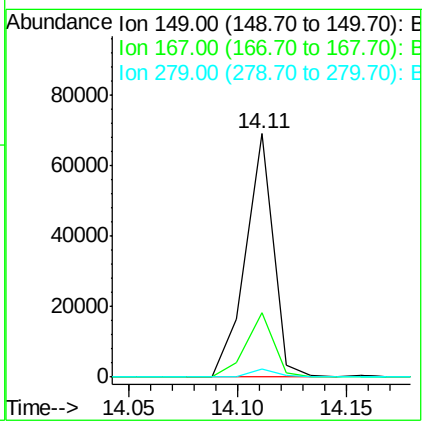


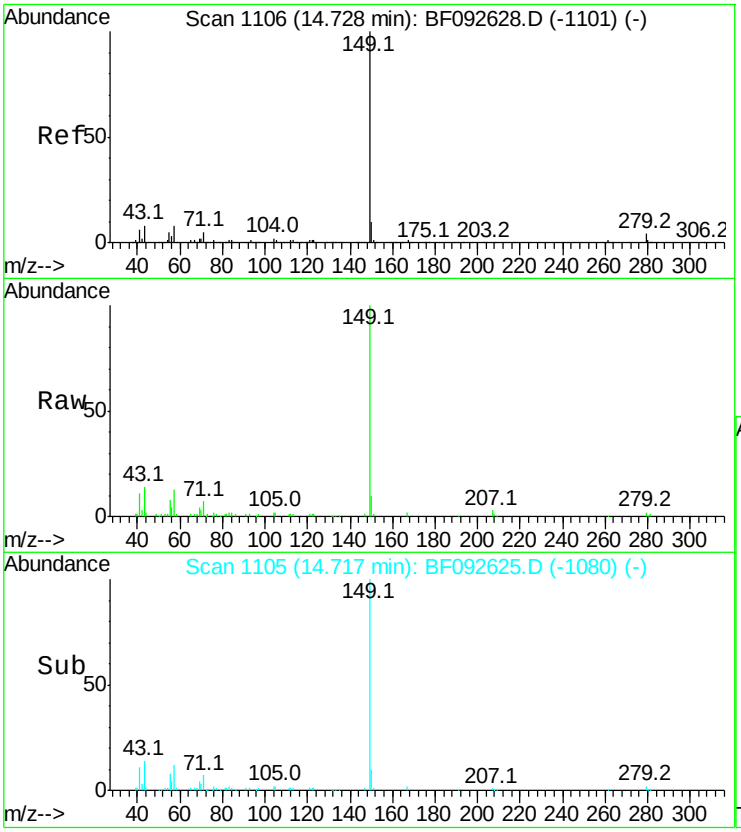


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.87 ng
RT: 14.11 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:149 Resp: 61060

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.2	30.4
279	3.3	1.8	2.8#

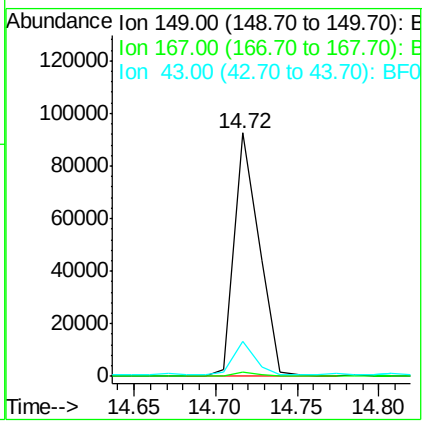




#84
Di-n-octyl phthalate
Concen: 2.53 ng
RT: 14.72 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:149 Resp: 97497

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	14.0	8.9	13.3#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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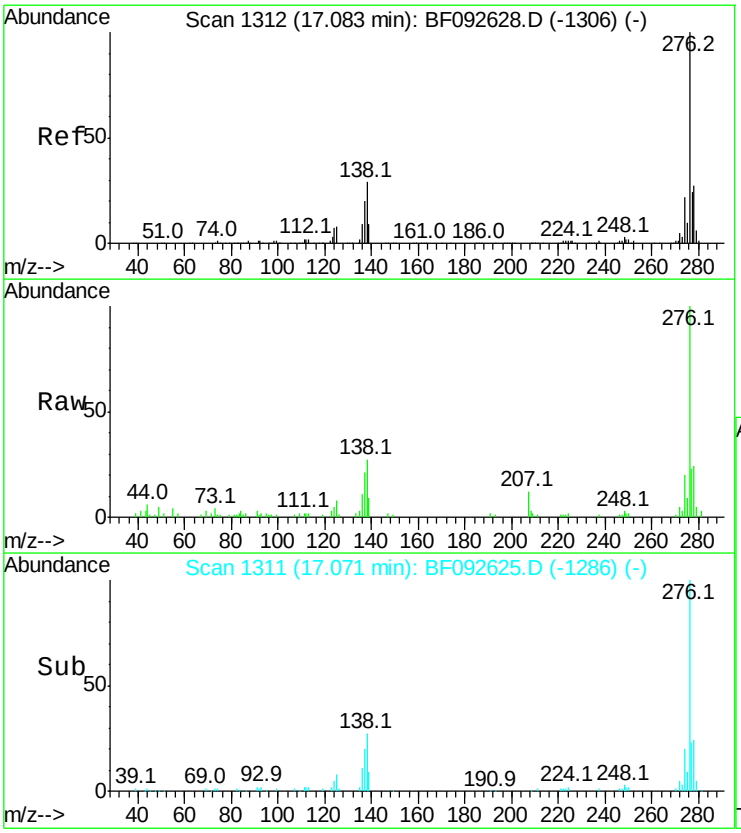
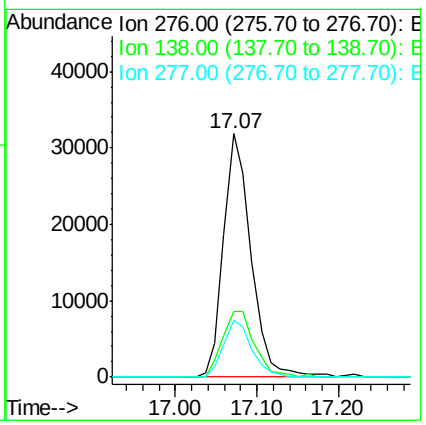
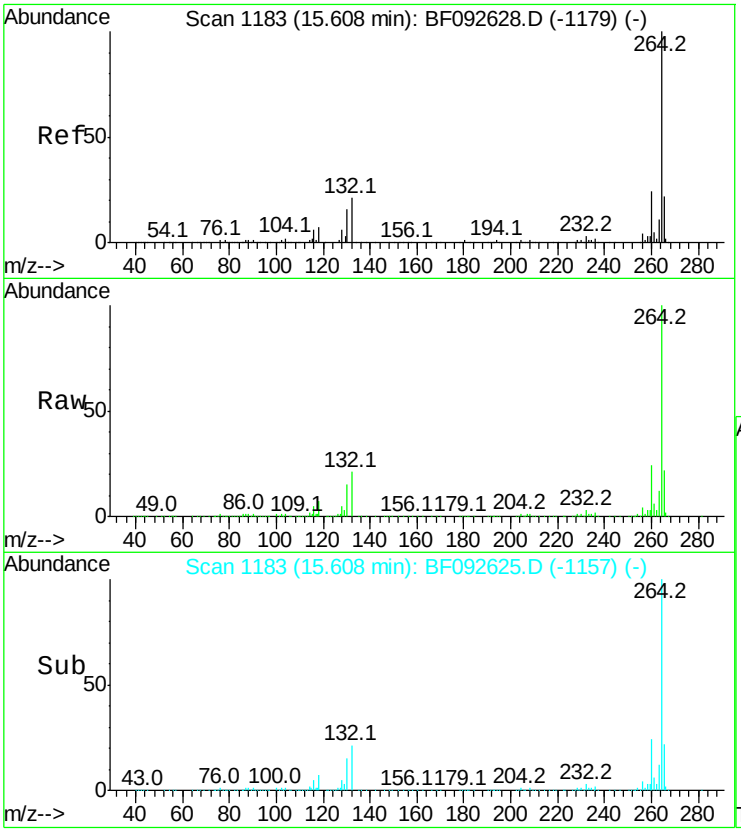


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.05 ng
RT: 17.07 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:276 Resp: 74532

Ion	Ratio	Lower	Upper
276	100		
138	31.5	21.8	32.6
277	23.8	20.2	30.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:264 Resp: 513152

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.9	17.4	26.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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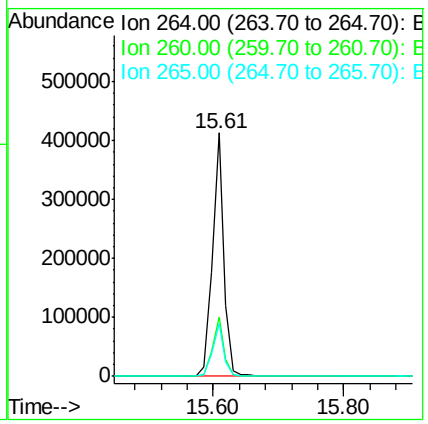
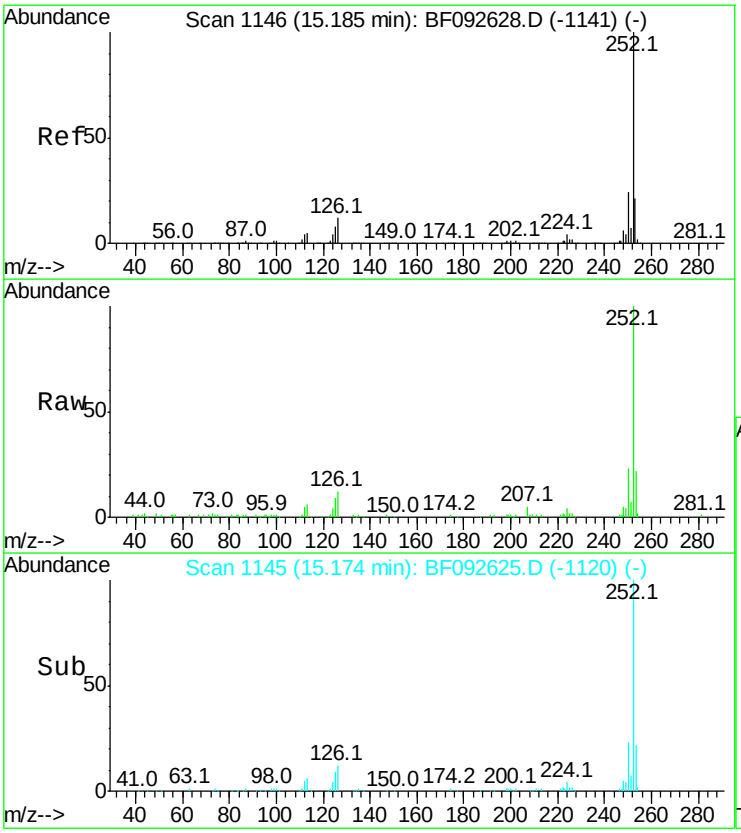
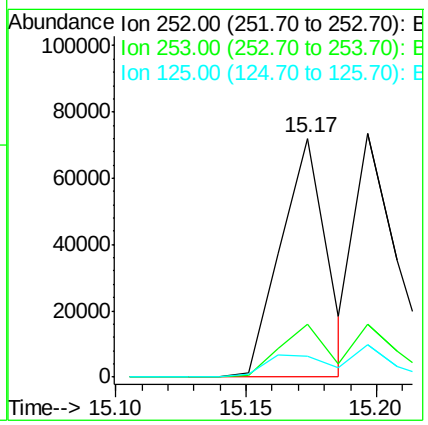


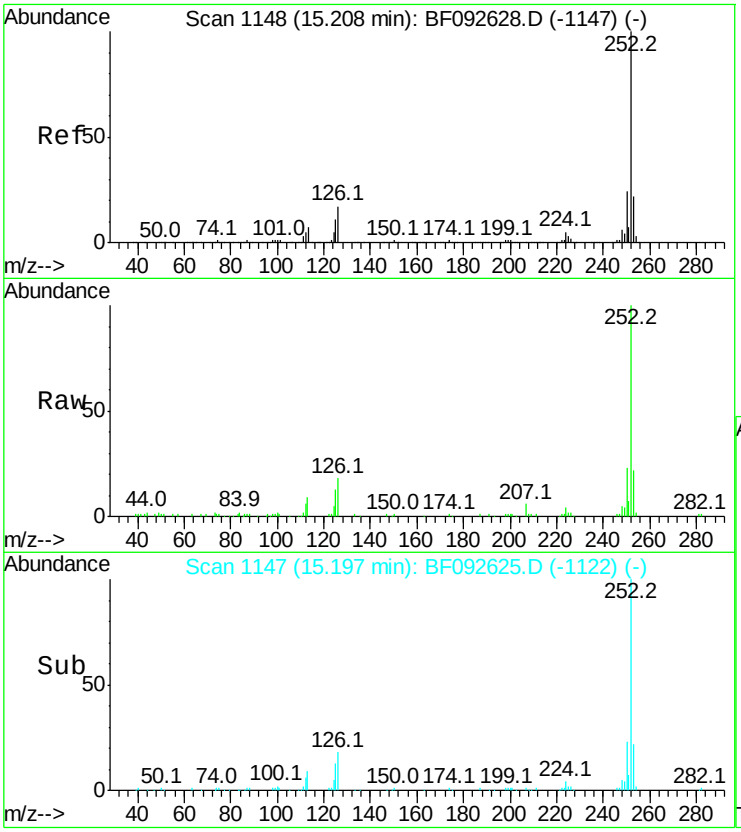


#87
Benzo(b)fluoranthene
Concen: 2.68 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:252 Resp: 88302

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	9.0	9.8	14.6#

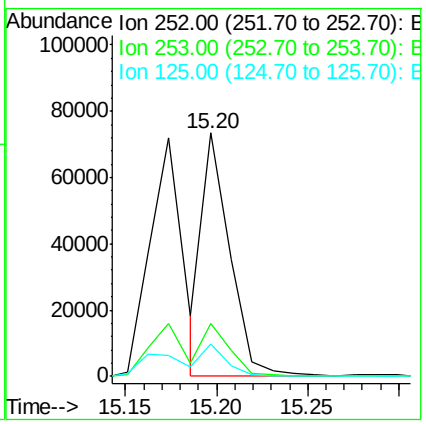




#88
Benzo(k)fluoranthene
Concen: 2.91 ng m
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:252 Resp: 79614

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	13.4	8.9	13.3#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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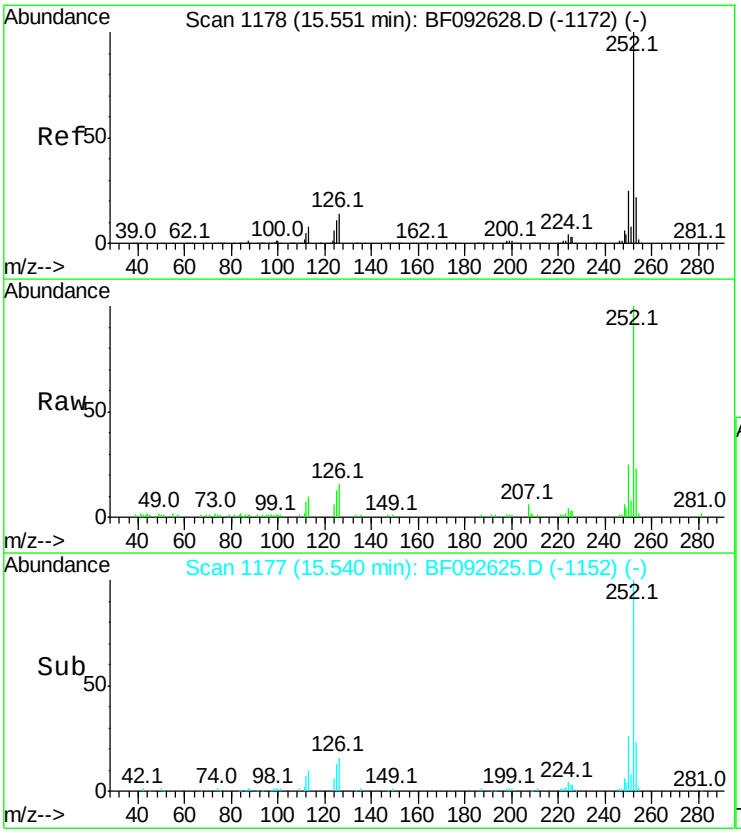
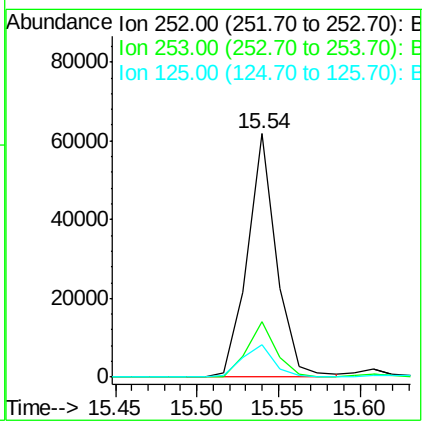
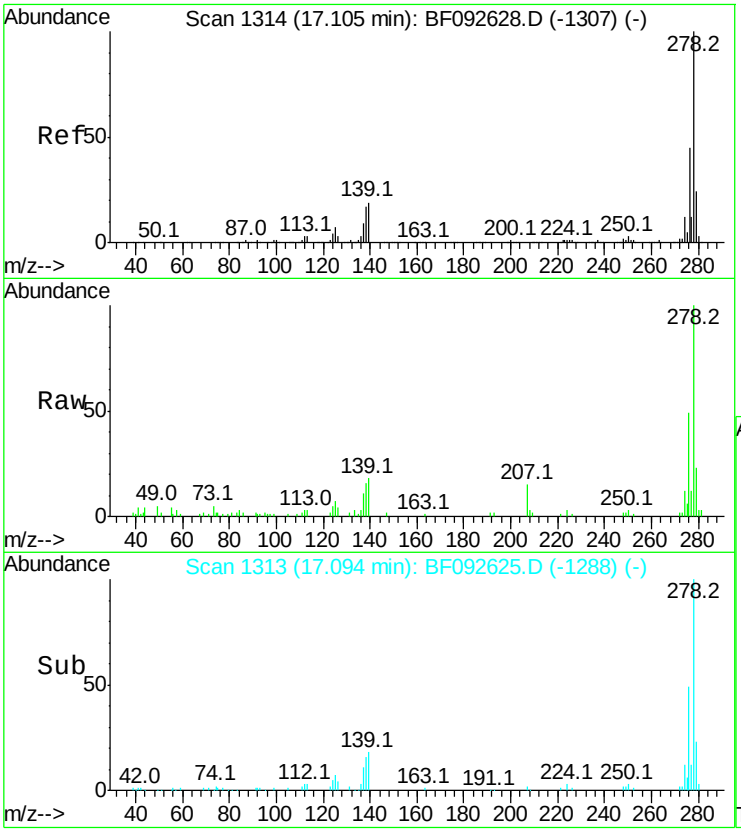


#89
Benzo(a)pyrene
Concen: 2.75 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:252 Resp: 76585

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	13.1	10.0	15.0

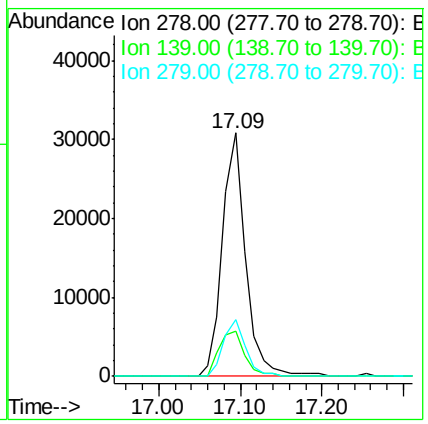




#90
Dibenzo(a,h)anthracene
Concen: 2.72 ng
RT: 17.09 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:278 Resp: 61334

Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.8	22.2
279	23.4	19.8	29.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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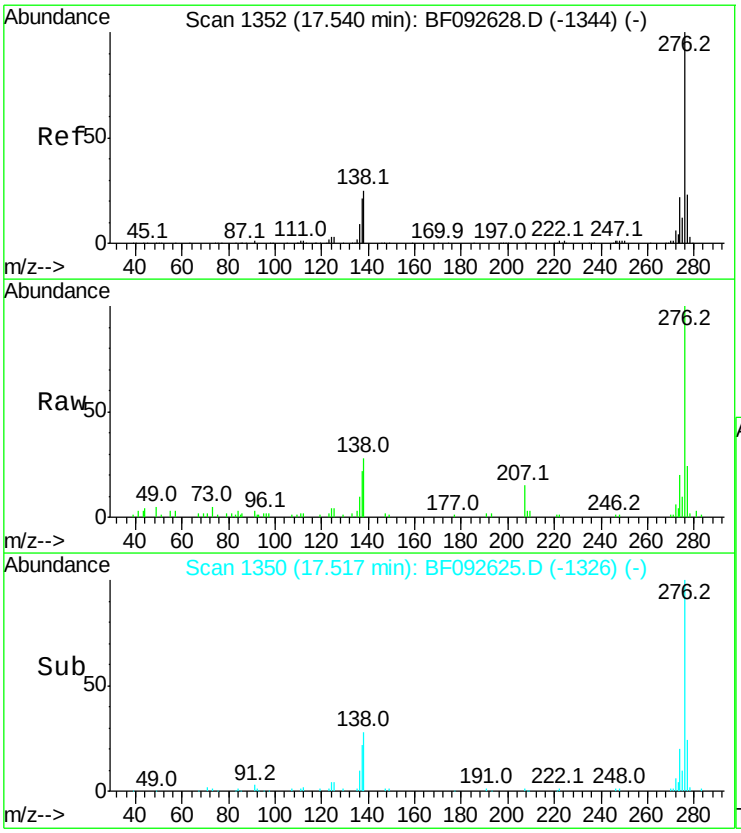

#91
Benzo(g,h,i)perylene
Concen: 2.70 ng
RT: 17.52 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF092625.D
Acq: 30 Jan 2017 11:21

Tgt Ion:276 Resp: 61629

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	27.8	16.0	24.0#