Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090334.D
Acq On : 4 Oct 2016 10:38
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC02.5

Manual Integrations APPROVED
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10/5/2016 7:26:17 PM

Quant Time: Oct 04 14:08:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 12:47:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	301047	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1251733	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	653397	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	985485	20.00	ng		0.00
75) Chrysene-d12	14.19	240	861427	20.00	ng		0.00
86) Perylene-d12	15.70	264	726123	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	100947	5.47	ng		-0.01
7) Phenol-d6	6.62	99	121918	5.35	ng		-0.01
23) Nitrobenzene-d5	7.56	82	92096	4.27	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	23903	4.26	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	220246	6.62	ng		-0.01
78) Terphenyl-d14	13.13	244	189678	5.59	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	23730	2.37	ng	#	85
3) Pyridine	3.51	79	57372m	2.64	ng		
4) n-Nitrosodimethylamine	3.42	42	21611	3.33	ng	#	50
6) Aniline	6.66	93	85782	3.02	ng		93
8) 2-Chlorophenol	6.79	128	55928	2.63	ng		87
9) Benzaldehyde	6.55	77	29743	2.99	ng		95
10) Phenol	6.63	94	70708	2.62	ng		84
11) bis(2-Chloroethyl)ether	6.73	93	57008	2.71	ng		98
12) 1,3-Dichlorobenzene	6.95	146	61513	2.77	ng		95
13) 1,4-Dichlorobenzene	7.03	146	61195	2.70	ng		94
14) 1,2-Dichlorobenzene	7.18	146	58325	2.89	ng		98
15) Benzyl Alcohol	7.14	79	40760	3.00	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	7.28	45	85005	3.38	ng		94
17) 2-Methylphenol	7.24	107	45431	2.71	ng		97
18) Hexachloroethane	7.53	117	19277	2.38	ng	#	88
19) n-Nitroso-di-n-propylamine	7.40	70	41534	3.10	ng	#	85
20) 3+4-Methylphenols	7.39	107	54060	2.69	ng	#	81
22) Acetophenone	7.40	105	71807	2.38	ng	#	96
24) Nitrobenzene	7.59	77	47218	2.10	ng	#	87
25) Isophorone	7.83	82	102729	2.28	ng	#	94
27) 2,4-Dimethylphenol	7.93	122	49369	2.51	ng		96
28) bis(2-Chloroethoxy)methane	8.03	93	63525	2.33	ng	#	96
29) 2,4-Dichlorophenol	8.15	162	36834	2.13	ng		99
30) 1,2,4-Trichlorobenzene	8.24	180	47388	2.75	ng		96
31) Naphthalene	8.32	128	174565	2.93	ng		96
33) 4-Chloroaniline	8.36	127	57109	2.31	ng	#	84
34) Hexachlorobutadiene	8.44	225	25673	2.82	ng		97
36) 4-Chloro-3-methylphenol	8.83	107	40946	2.10	ng		87
37) 2-Methylnaphthalene	9.00	142	97503	2.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	47405	3.16	ng		99
42) 2,4,6-Trichlorophenol	9.28	196	24412	2.28	ng		97
43) 2,4,5-Trichlorophenol	9.31	196	25024	2.26	ng		96
45) 1,1'-Biphenyl	9.47	154	137389	2.94	ng		96
46) 2-Chloronaphthalene	9.50	162	97547	2.83	ng		95

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Misc :
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QLast Update : Tue Oct 04 12:47:11 2016
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Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	9.92	152	153777	2.75	ng		95
51) Acenaphthene	10.09	154	94864	2.85	ng		97
54) Dibenzofuran	10.26	168	129959	2.97	ng		97
57) Fluorene	10.60	166	111935	3.39	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	18621	2.25	ng		96
59) Diethylphthalate	10.47	149	126918	3.16	ng	#	91
60) 4-Chlorophenyl-phenylether	10.59	204	45074	3.00	ng	#	87
62) Azobenzene	10.75	77	106905	2.56	ng		87
65) n-Nitrosodiphenylamine	10.71	169	87161	2.69	ng		98
66) 4-Bromophenyl-phenylether	11.10	248	25356	2.61	ng	#	80
67) Hexachlorobenzene	11.15	284	32516	2.88	ng	#	88
68) Atrazine	11.23	200	20526	2.31	ng		96
70) Phenanthrene	11.57	178	142494	3.09	ng		96
71) Anthracene	11.62	178	152193	3.15	ng		96
72) Carbazole	11.77	167	139934	2.74	ng		94
73) Di-n-butylphthalate	12.11	149	159274	2.68	ng	#	94
74) Fluoranthene	12.77	202	142713	2.88	ng		89
77) Pyrene	12.99	202	151306	2.57	ng		96
80) Benzo(a)anthracene	14.18	228	127161	2.74	ng		95
81) 3,3'-Dichlorobenzidine	14.15	252	38452	2.01	ng	#	97
82) Chrysene	14.22	228	119491	2.65	ng		95
83) Bis(2-ethylhexyl)phthalate	14.18	149	84616	2.29	ng		98
87) Benzo(b)fluoranthene	15.26	252	104228	2.59	ng		99
88) Benzo(k)fluoranthene	15.28	252	102774m	2.72	ng		
89) Benzo(a)pyrene	15.63	252	89821	2.37	ng		97
90) Dibenzo(a,h)anthracene	17.23	278	78031	2.64	ng	#	94
91) Benzo(g,h,i)perylene	17.67	276	75805	2.62	ng		97

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

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Manual Integrations APPROVED
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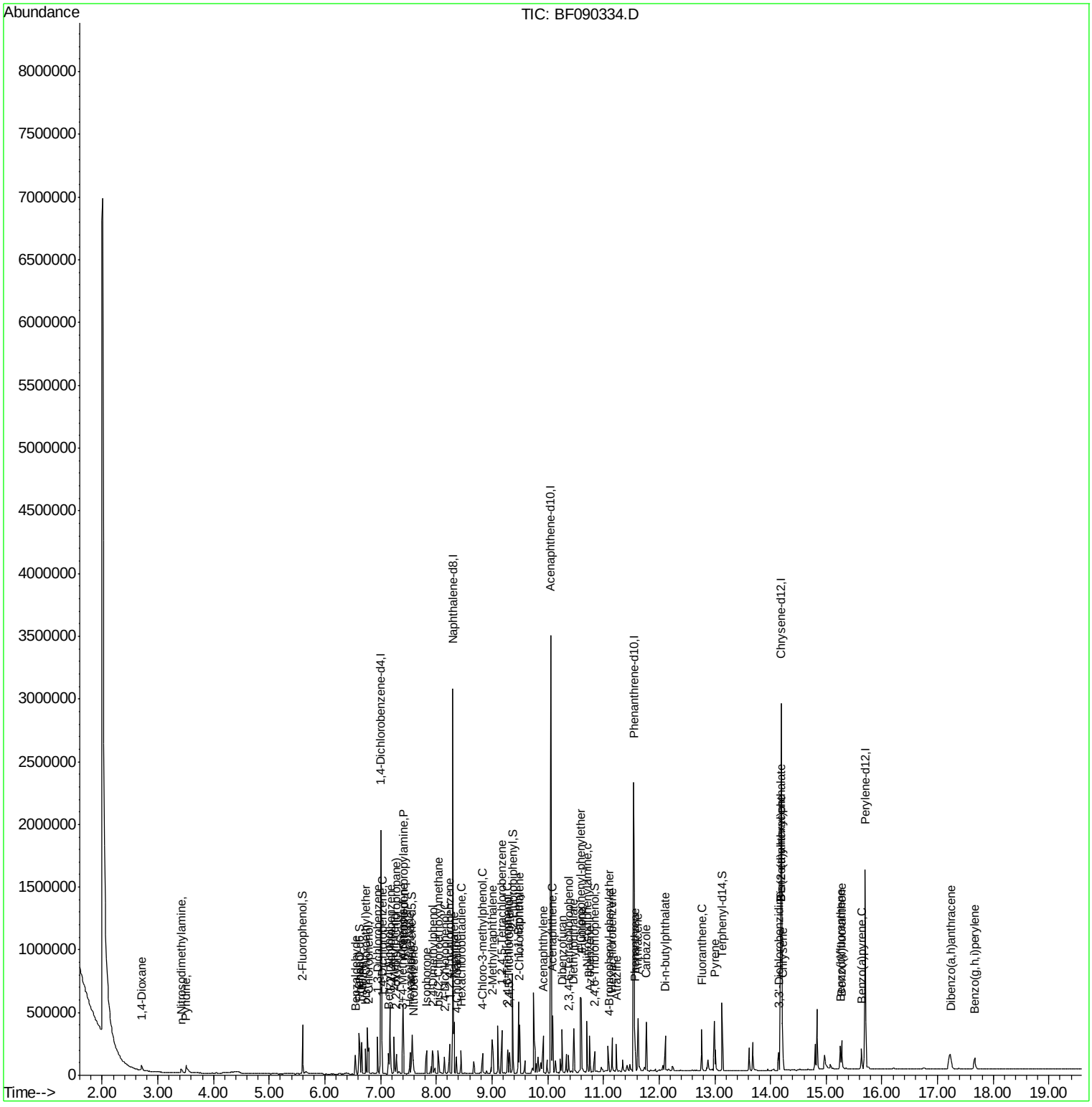
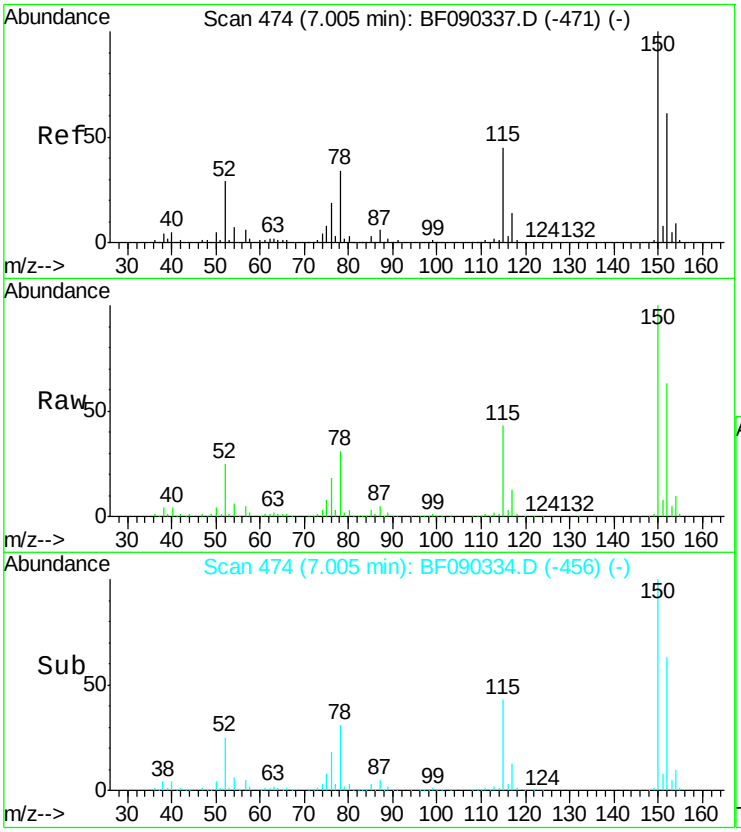
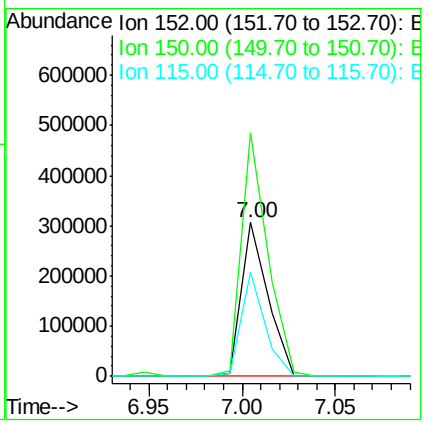




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:152 Resp: 301047

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	67.6	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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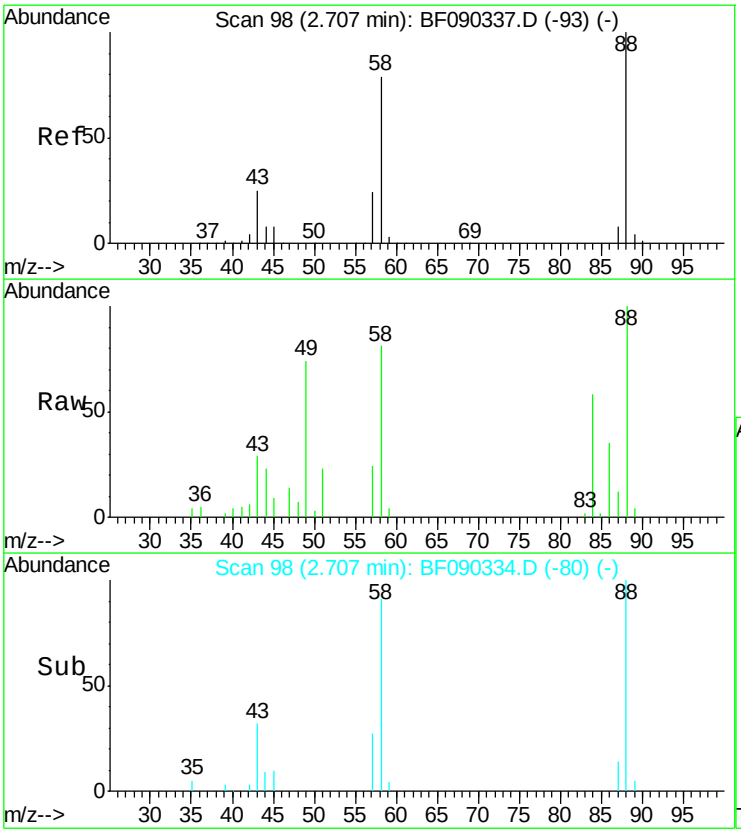
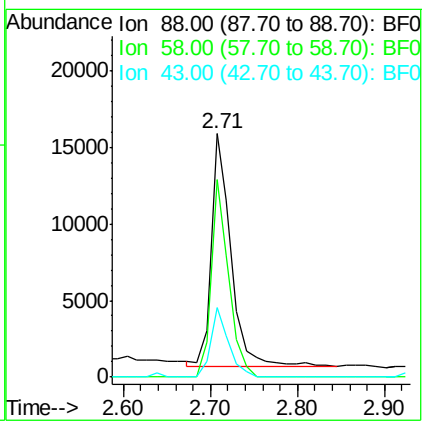
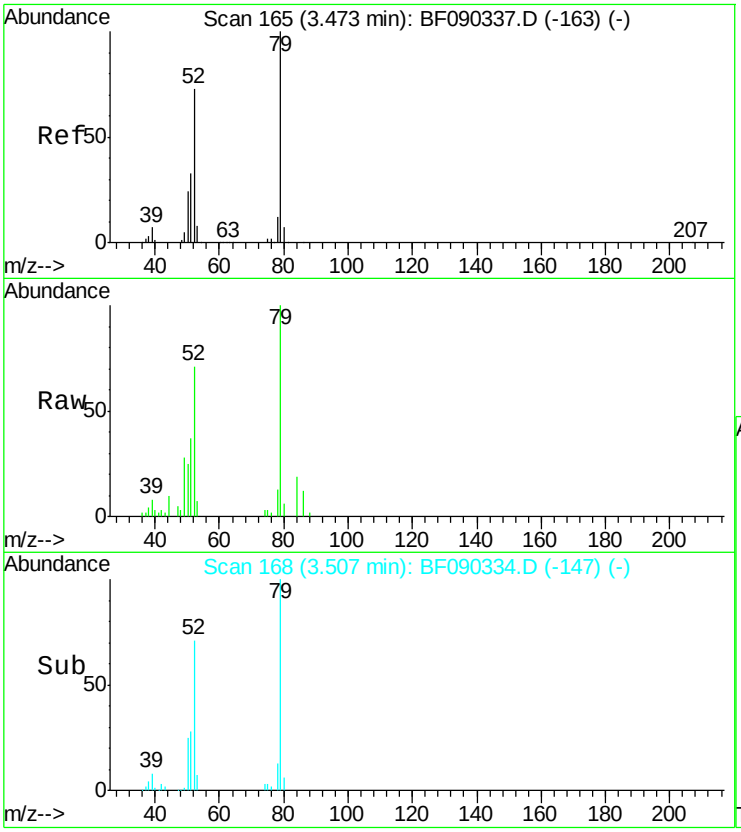


#2
1,4-Dioxane
Concen: 2.37 ng
RT: 2.71 min Scan# 98
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion: 88 Resp: 23730

Ion	Ratio	Lower	Upper
88	100		
58	75.9	71.2	106.8
43	27.6	29.8	44.6#

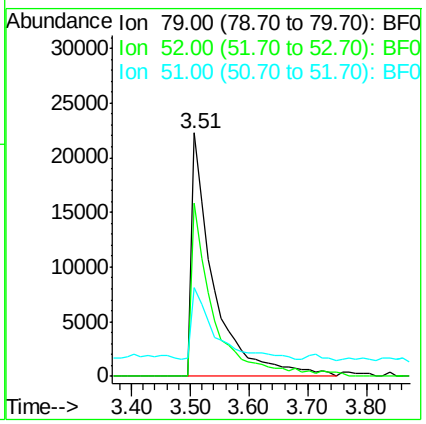




#3
Pyridine
Concen: 2.64 ng m
RT: 3.51 min Scan# 168
Delta R.T. 0.03 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion: 79 Resp: 57372

Ion	Ratio	Lower	Upper
79	100		
52	71.4	71.3	106.9
51	36.5	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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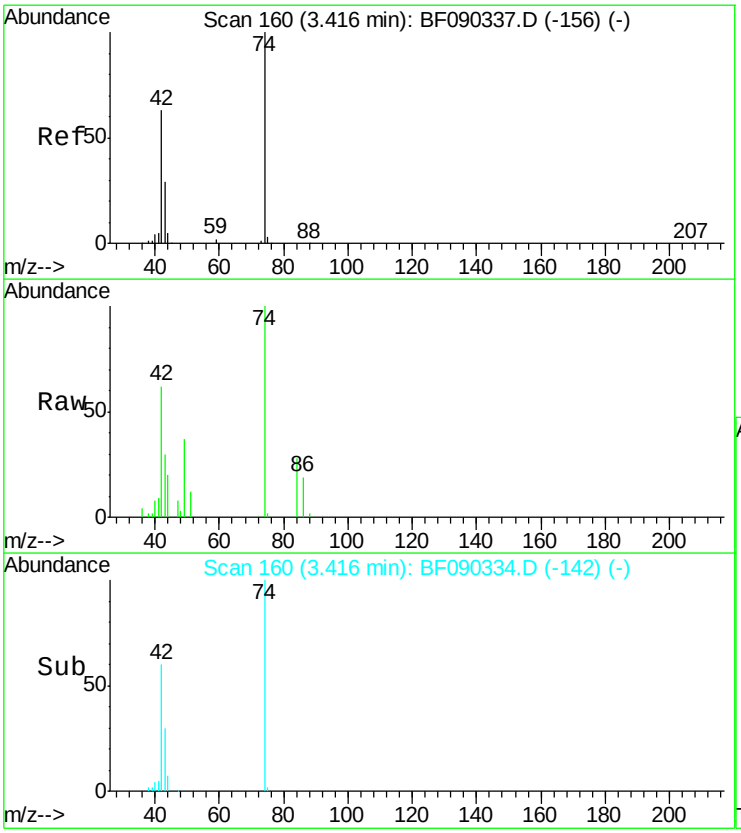
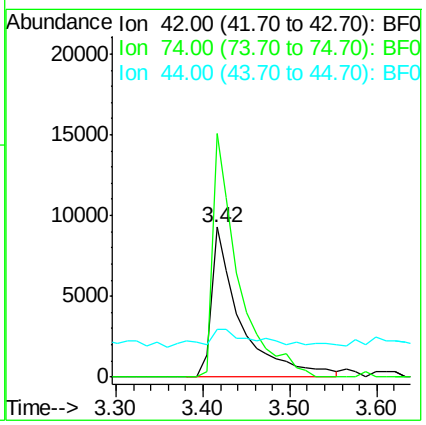
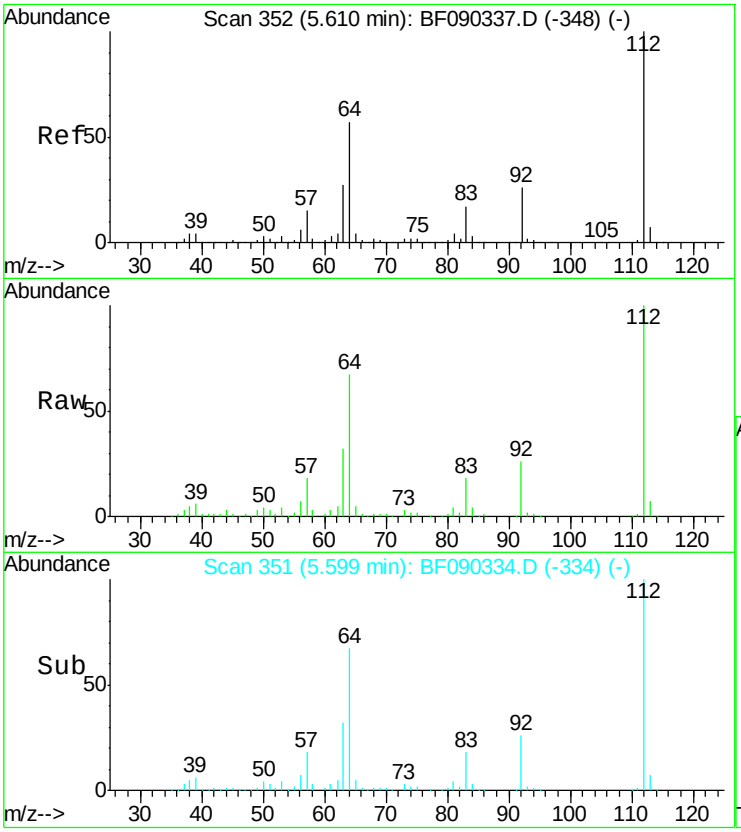


#4
n-Nitrosodimethylamine
Concen: 3.33 ng
RT: 3.42 min Scan# 160
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion: 42 Resp: 21611

Ion	Ratio	Lower	Upper
42	100		
74	162.3	88.9	133.3#
44	32.0	6.5	9.7#

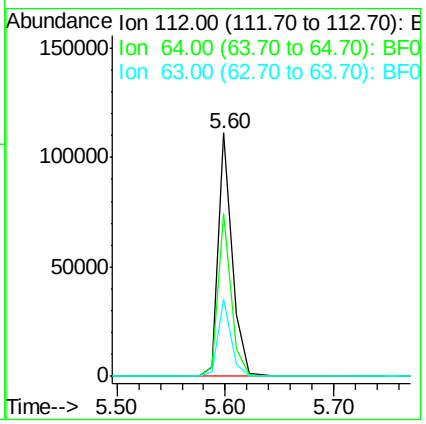




#5
2-Fluorophenol
Concen: 5.47 ng
RT: 5.60 min Scan# 351
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:112 Resp: 100947

Ion	Ratio	Lower	Upper
112	100		
64	66.7	57.9	86.9
63	31.6	29.6	44.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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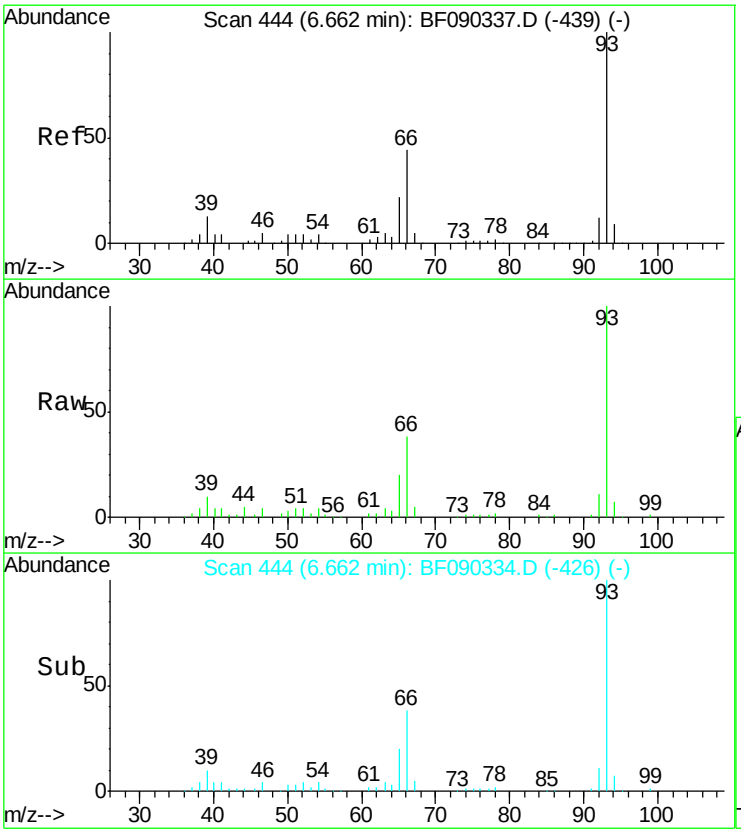
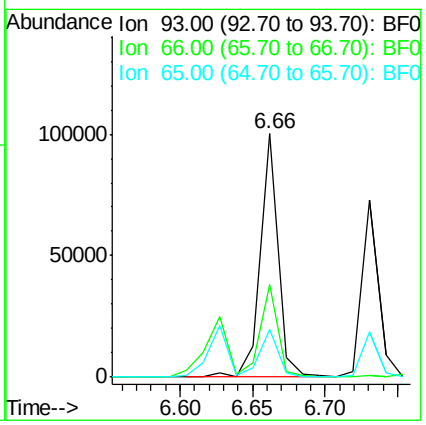
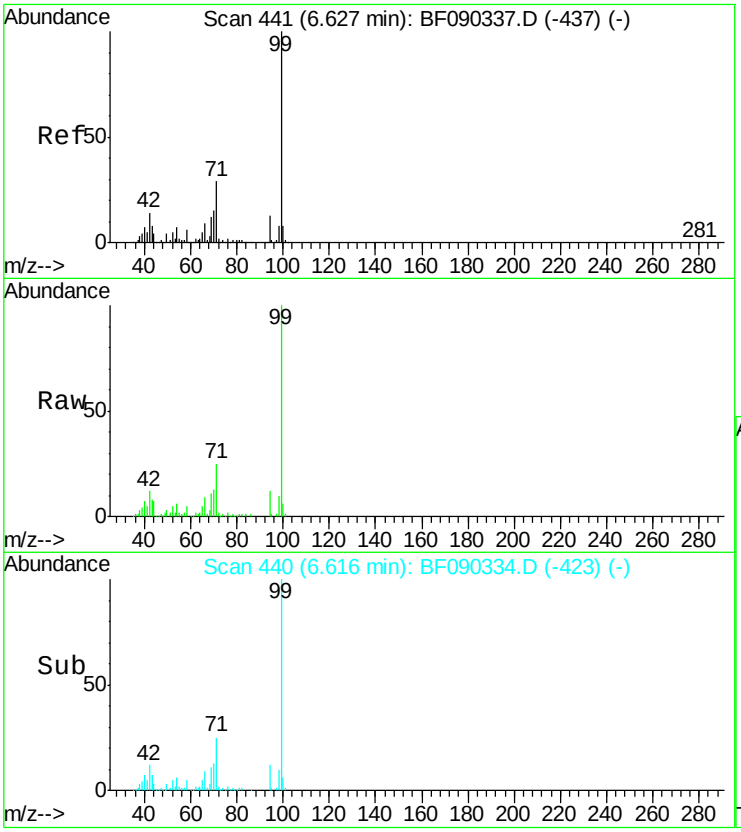


#6
Aniline
Concen: 3.02 ng
RT: 6.66 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion: 93 Resp: 85782

Ion	Ratio	Lower	Upper
93	100		
66	38.2	34.5	51.7
65	19.6	18.2	27.2





#7
Phenol-d6
Concen: 5.35 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion: 99 Resp: 121918

Ion	Ratio	Lower	Upper
99	100		
42	12.3	20.0	30.0#
71	25.4	27.9	41.9#

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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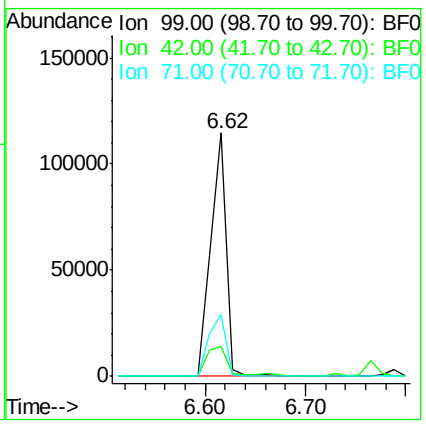
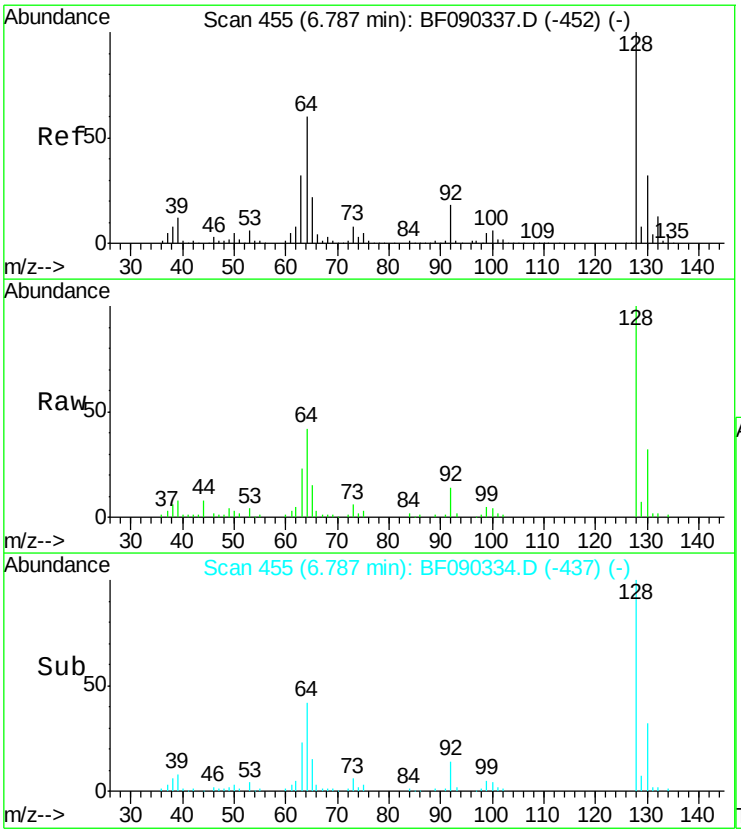
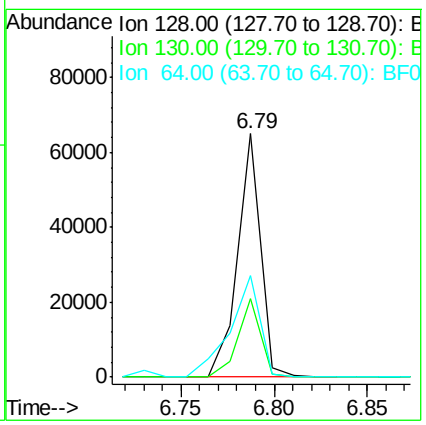


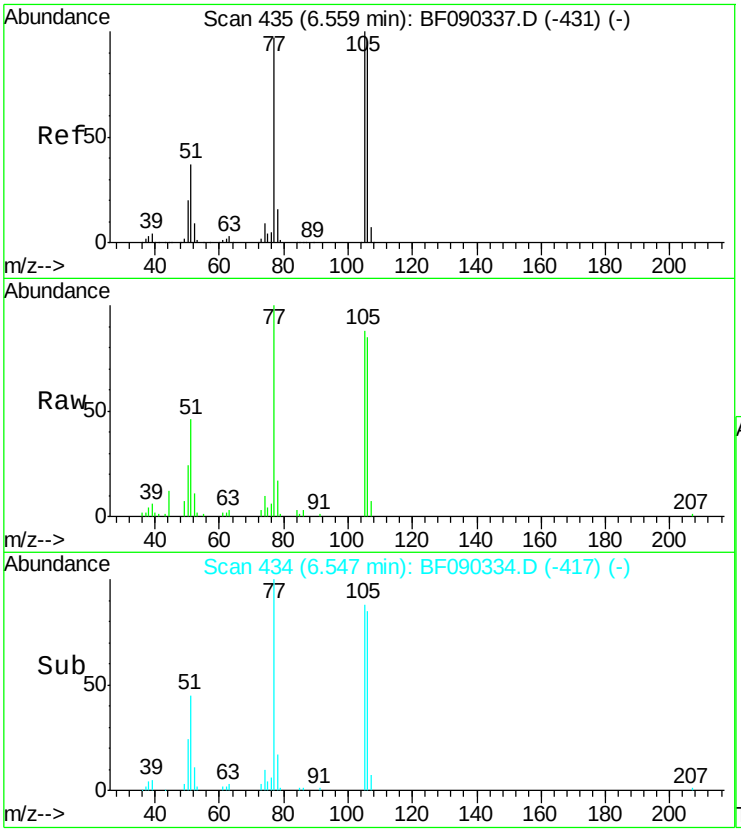


#8
2-Chlorophenol
Concen: 2.63 ng
RT: 6.79 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:128 Resp: 55928

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.3	53.3
64	41.9	36.0	76.0

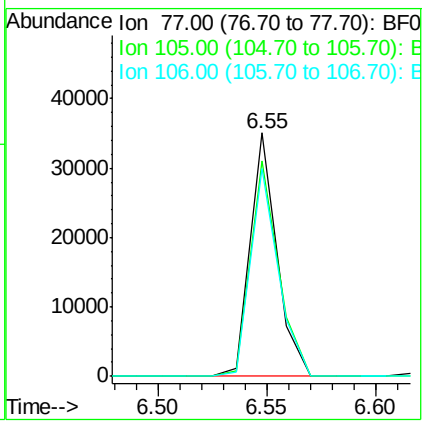




#9
Benzaldehyde
Concen: 2.99 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion: 77 Resp: 29743

Ion	Ratio	Lower	Upper
77	100		
105	88.3	73.1	113.1
106	85.5	70.2	110.2



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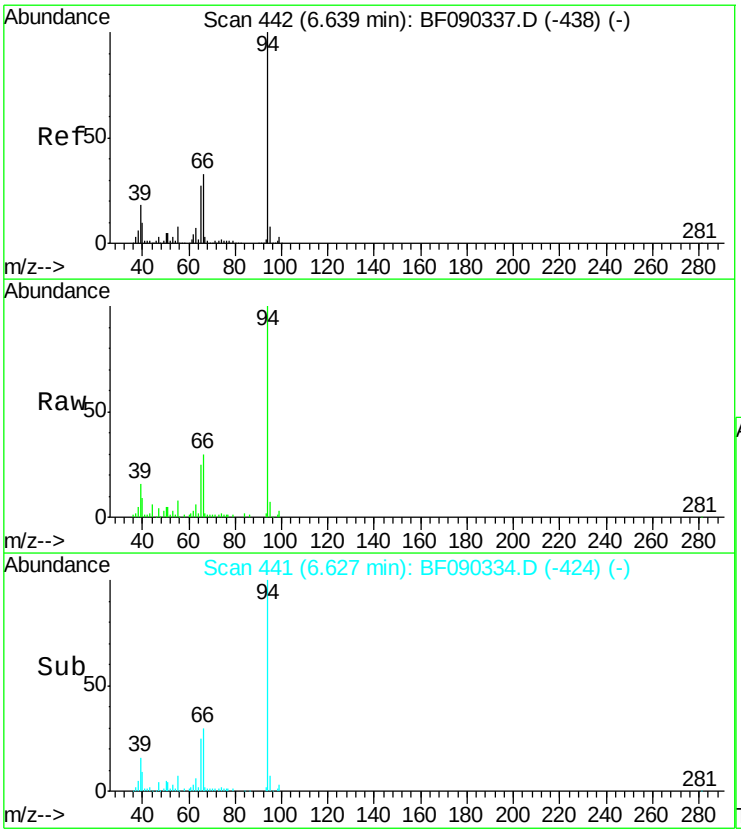
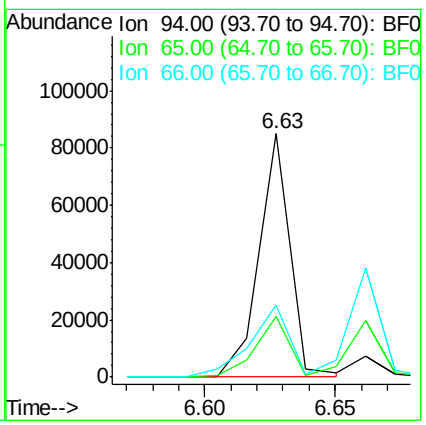
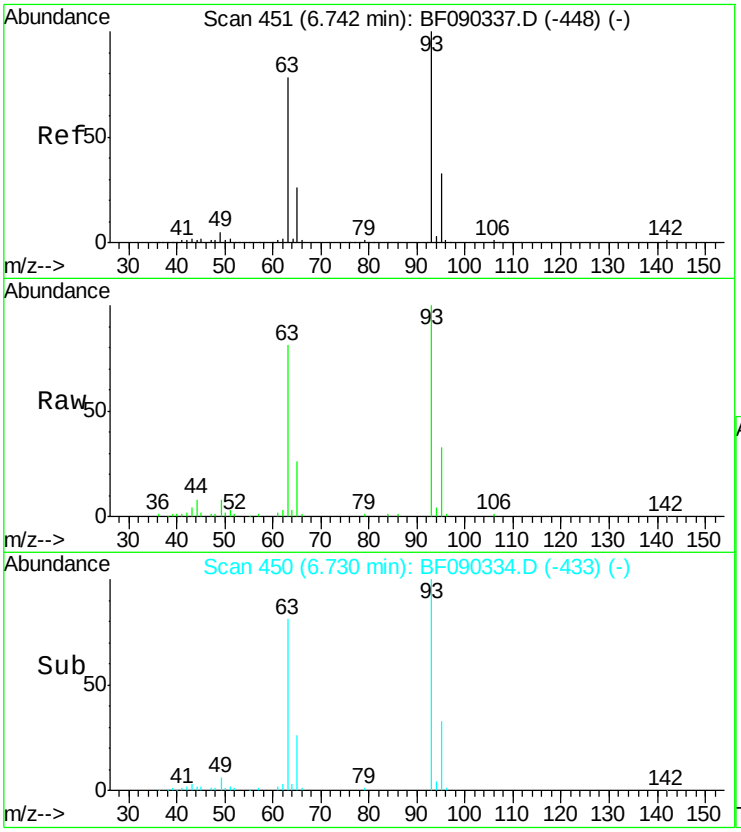


#10
Phenol
Concen: 2.62 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion: 94 Resp: 70708

Ion	Ratio	Lower	Upper
94	100		
65	24.8	13.3	53.3
66	29.6	20.4	60.4

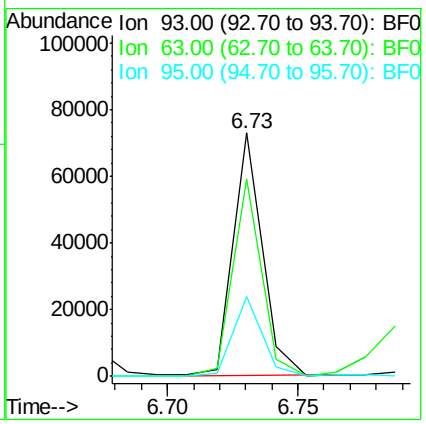




#11
bis(2-Chloroethyl)ether
Concen: 2.71 ng
RT: 6.73 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion: 93 Resp: 57008

Ion	Ratio	Lower	Upper
93	100		
63	81.0	59.7	99.7
95	32.7	14.0	54.0



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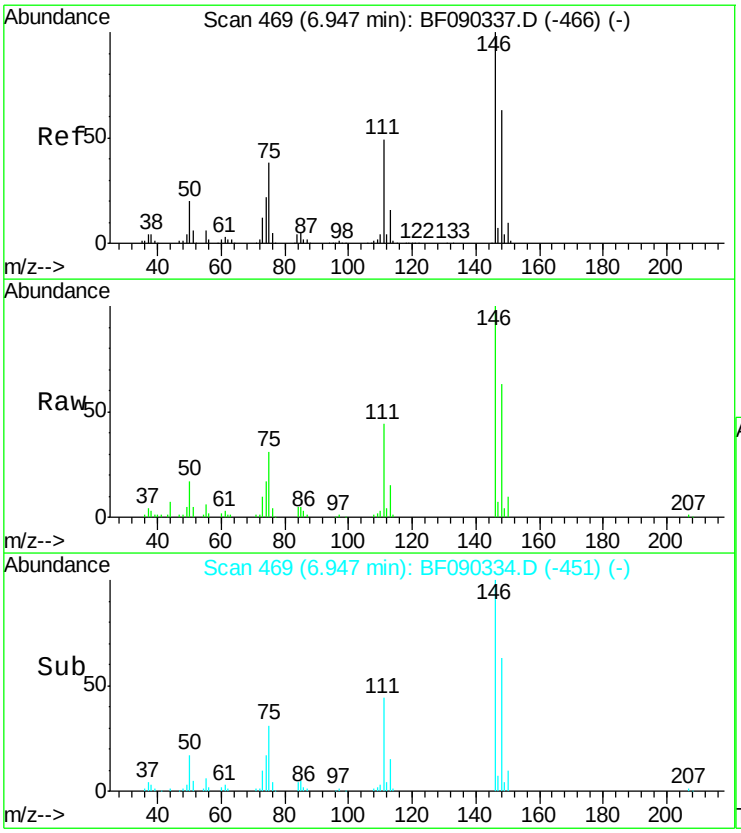
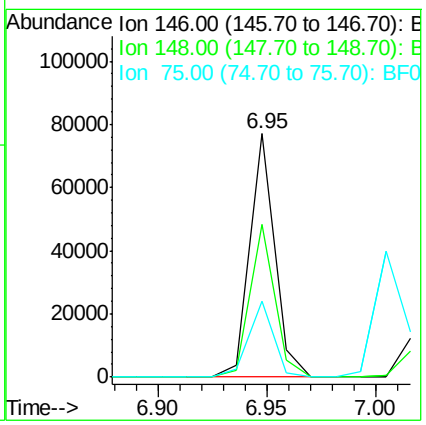
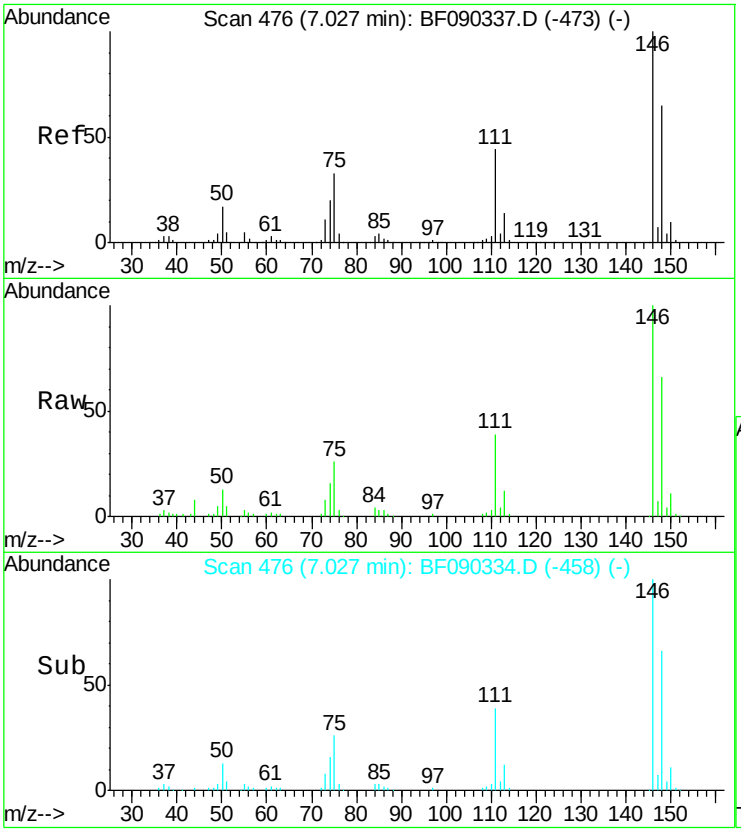


#12
1,3-Dichlorobenzene
Concen: 2.77 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:146 Resp: 61513

Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.2	78.4
75	31.3	21.4	32.2

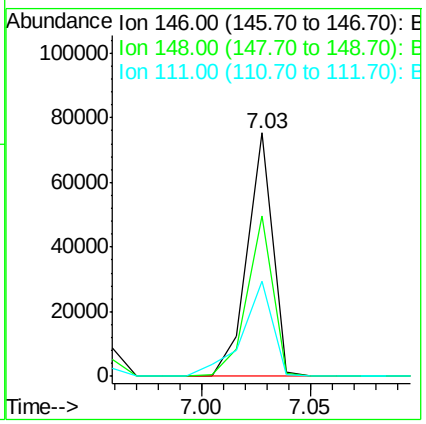




#13
1,4-Dichlorobenzene
Concen: 2.70 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:146 Resp: 61195

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.1	76.7
111	39.0	37.8	56.6



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ClientSampleId :
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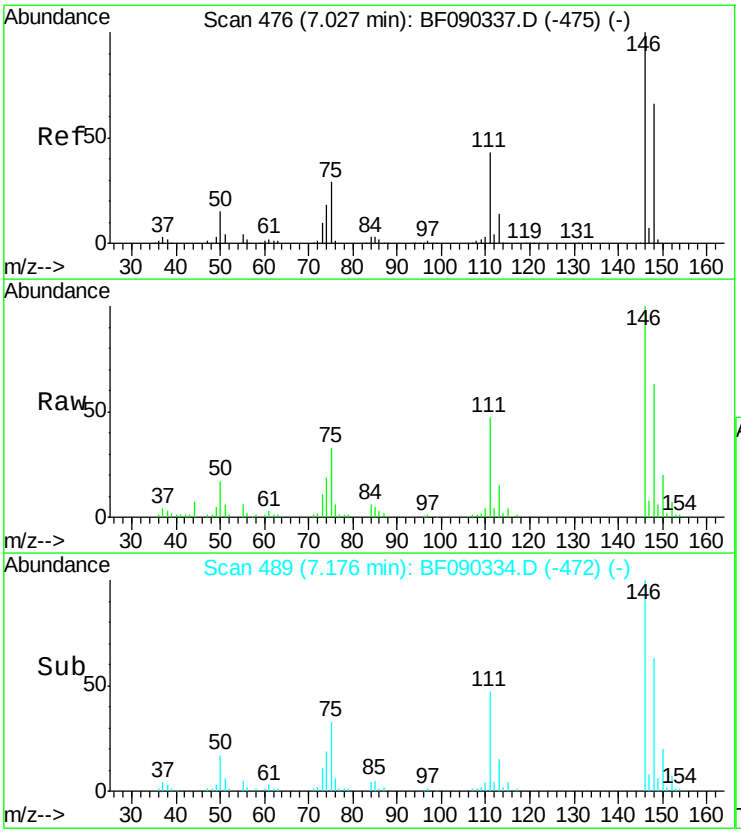
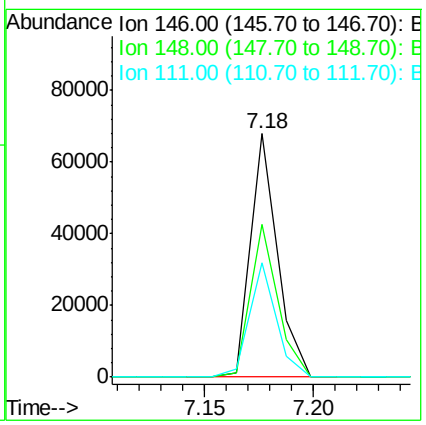
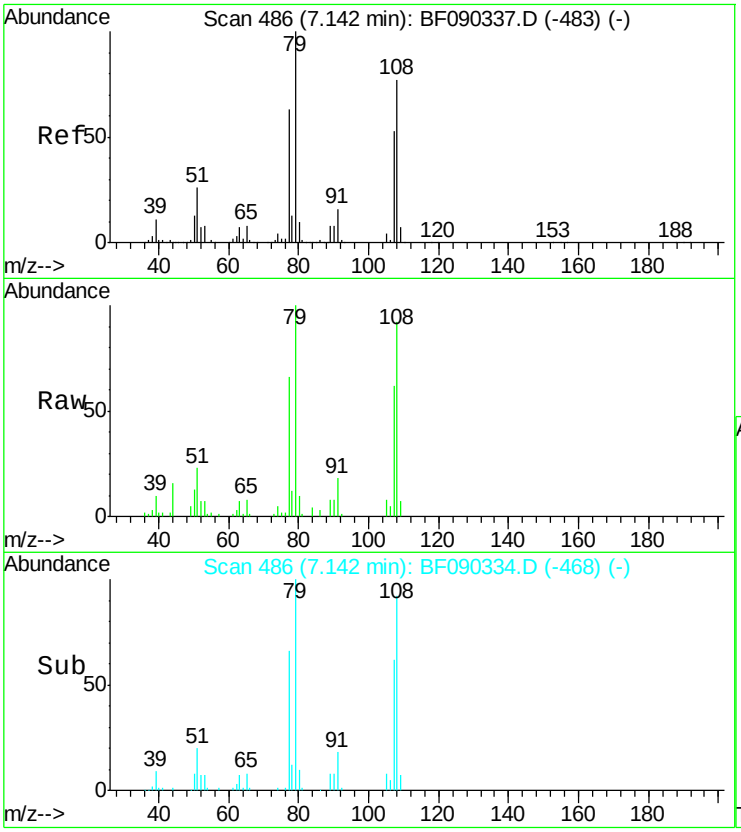


#14
1,2-Dichlorobenzene
Concen: 2.89 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:146 Resp: 58325

Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.3	78.5
111	46.7	38.2	57.4





#15
Benzyl Alcohol
Concen: 3.00 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion: 79 Resp: 40760

Ion	Ratio	Lower	Upper
79	100		
108	92.3	60.9	91.3#
77	65.9	51.5	77.3

Instrument :
BNA_F
ClientSampleId :
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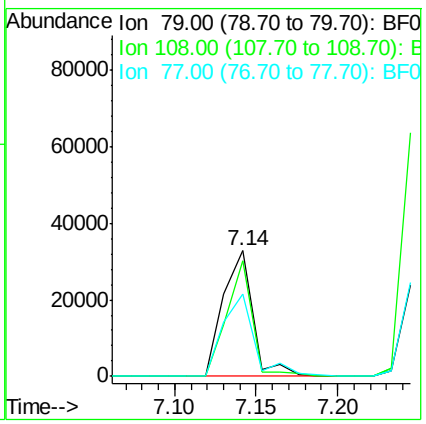
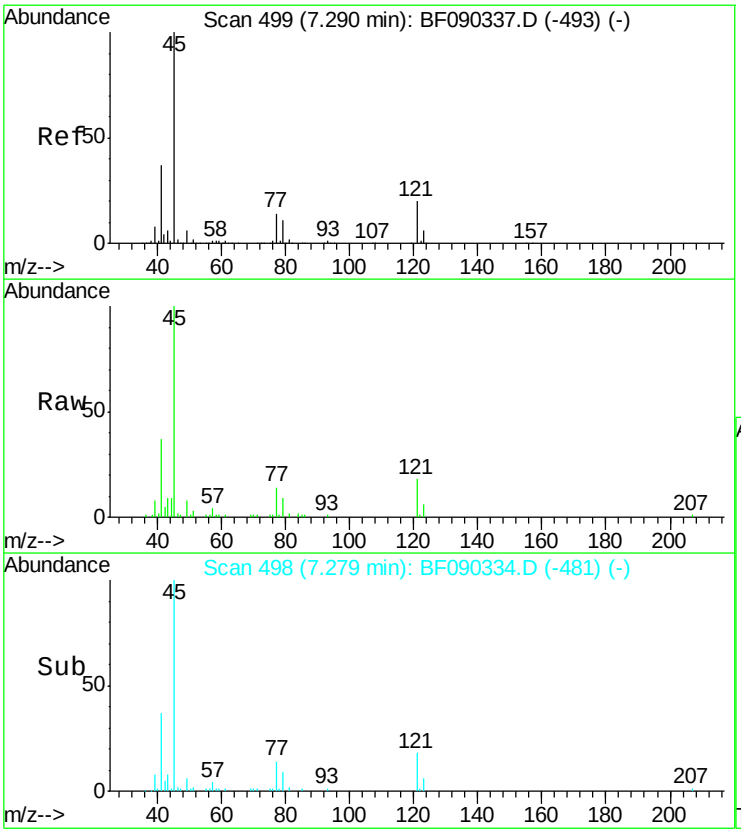
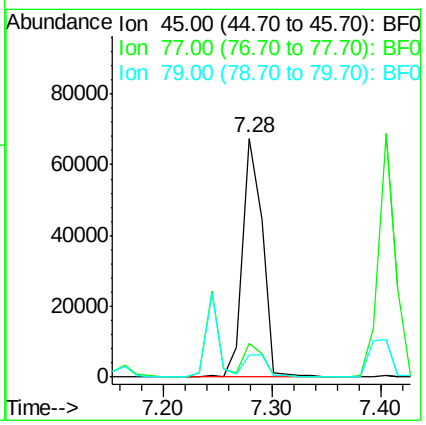


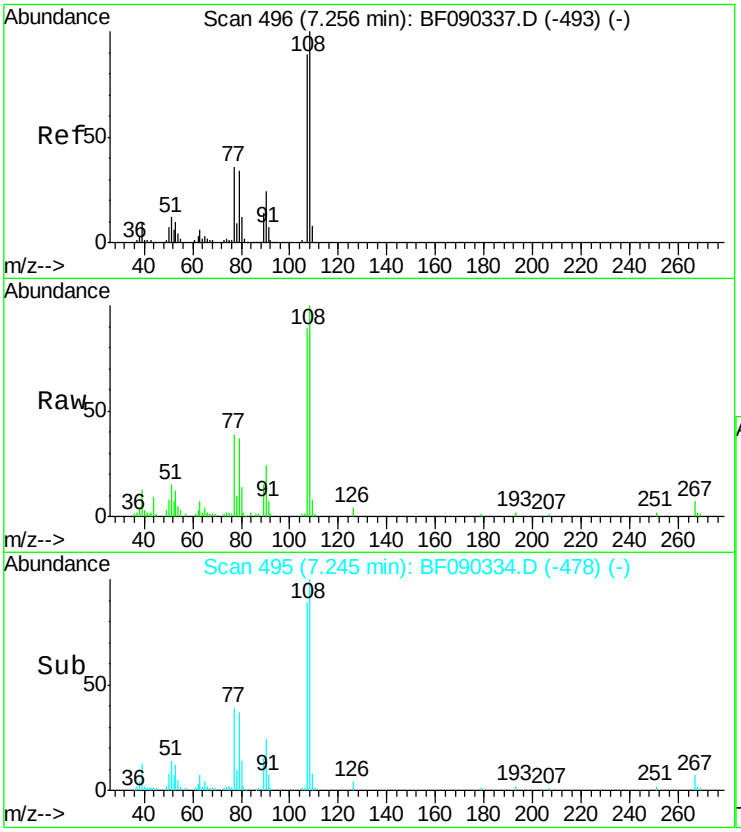


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.38 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion: 45 Resp: 85005

Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	30.8
79	9.4	0.0	28.2

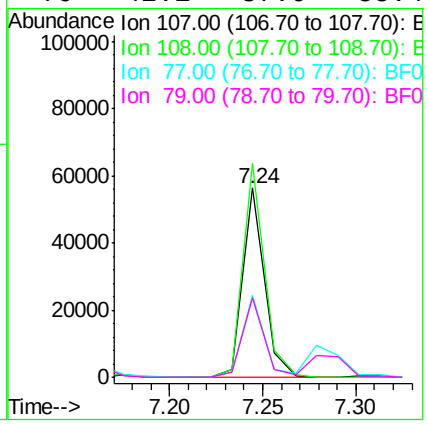




#17
2-Methylphenol
Concen: 2.71 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:107 Resp: 45431

Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.9	136.3
77	43.5	38.2	57.4
79	42.1	37.0	55.4



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ClientSampleId :
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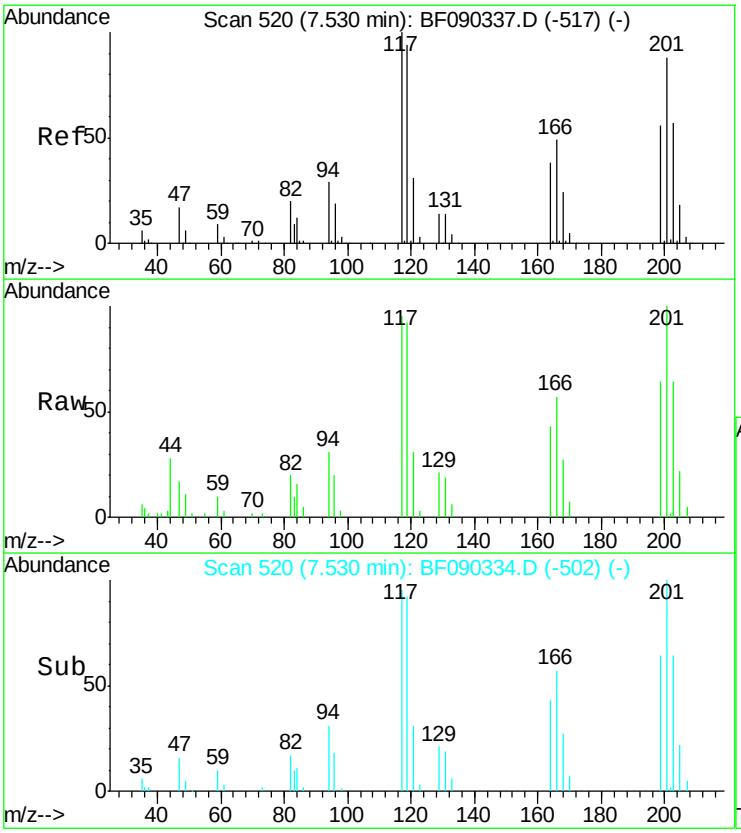
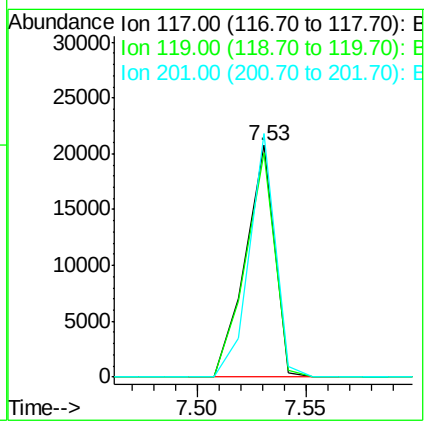
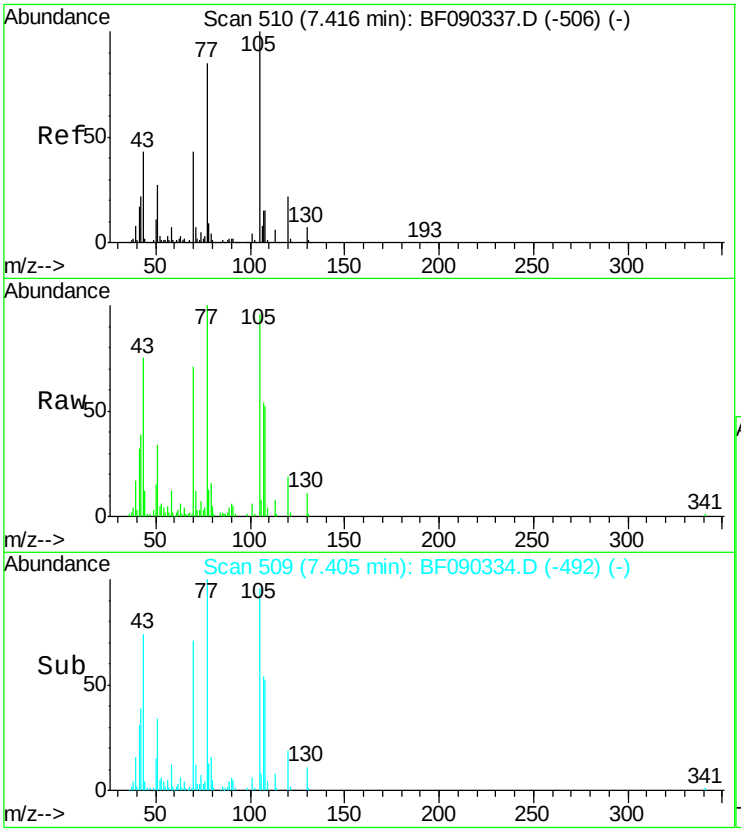


#18
Hexachloroethane
Concen: 2.38 ng
RT: 7.53 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:117 Resp: 19277

Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.9	113.9
201	105.1	66.5	99.7#

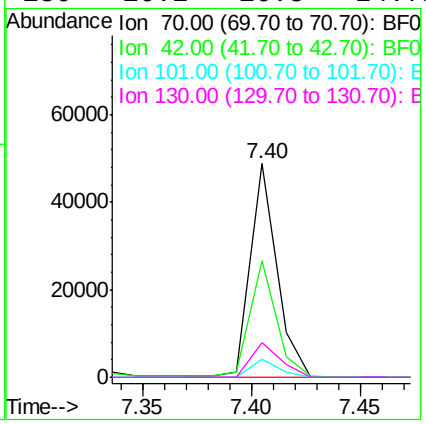




#19
n-Nitroso-di-n-propylamine
Concen: 3.10 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion: 70 Resp: 41534

Ion	Ratio	Lower	Upper
70	100		
42	54.3	55.4	83.2#
101	8.3	7.6	11.4
130	16.2	16.5	24.7#



Instrument :
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ClientSampleId :
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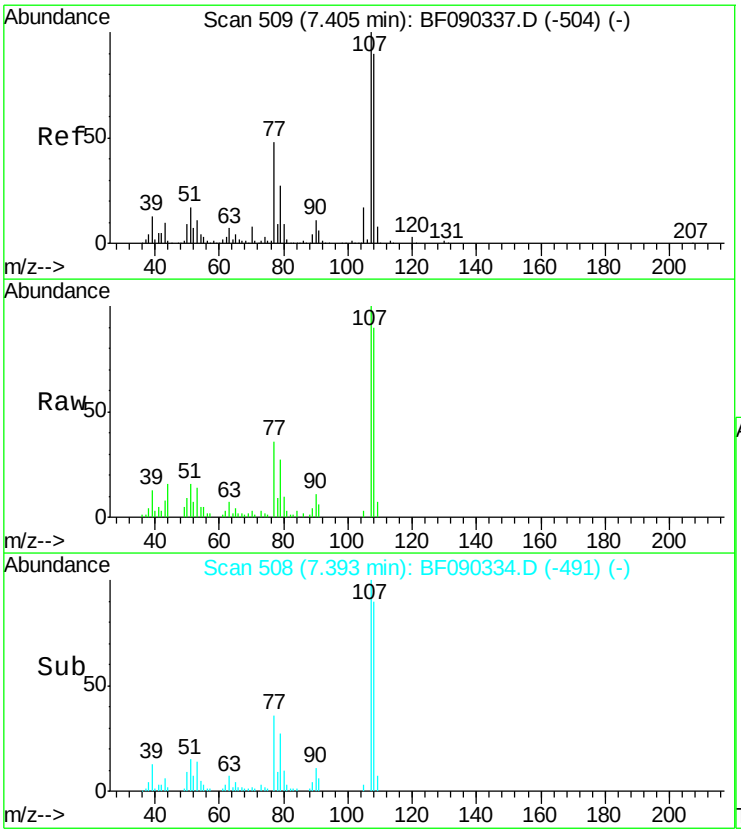
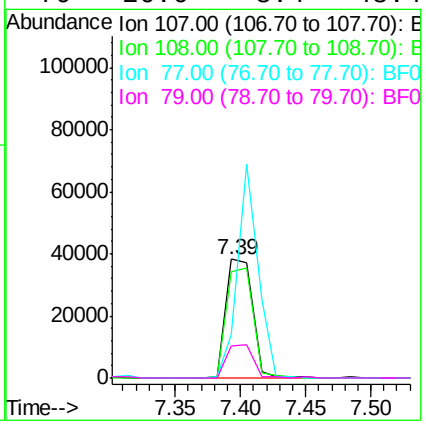
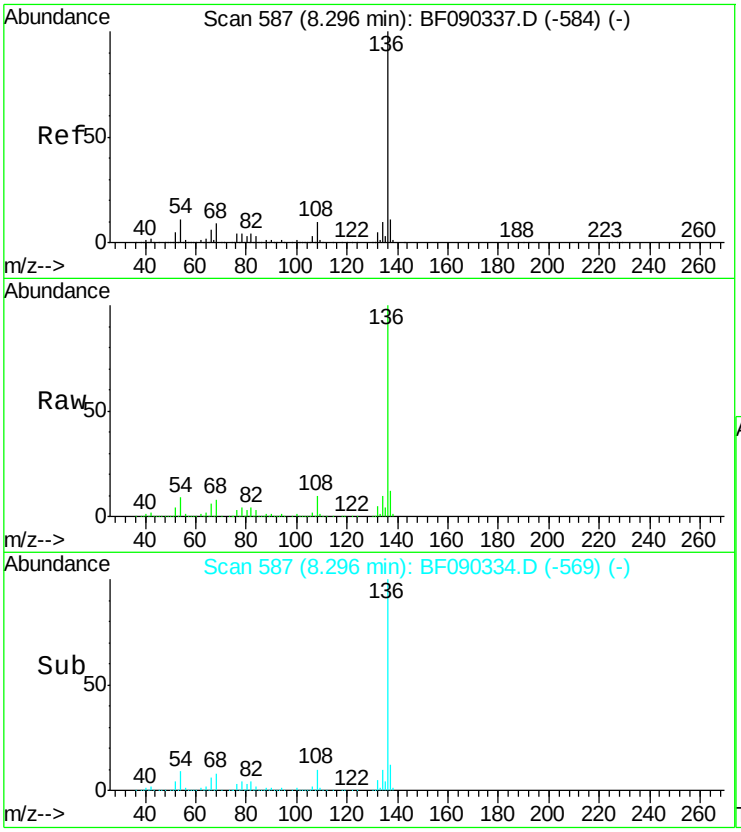


#20
3+4-Methylphenols
Concen: 2.69 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:107 Resp: 54060

Ion	Ratio	Lower	Upper
107	100		
108	89.7	66.7	106.7
77	36.4	53.7	93.7#
79	26.6	8.4	48.4

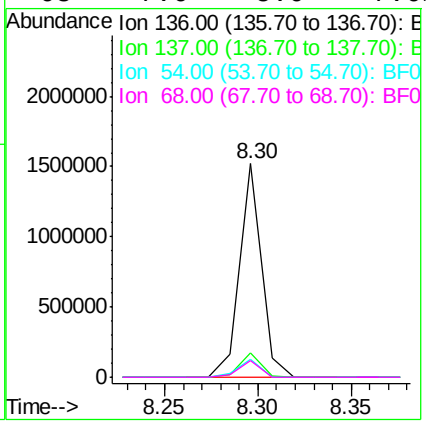




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:136 Resp: 1251733

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	8.6	6.6	10.0
68	7.6	5.0	7.6#



Instrument :
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ClientSampleId :
SSTDICC02.5

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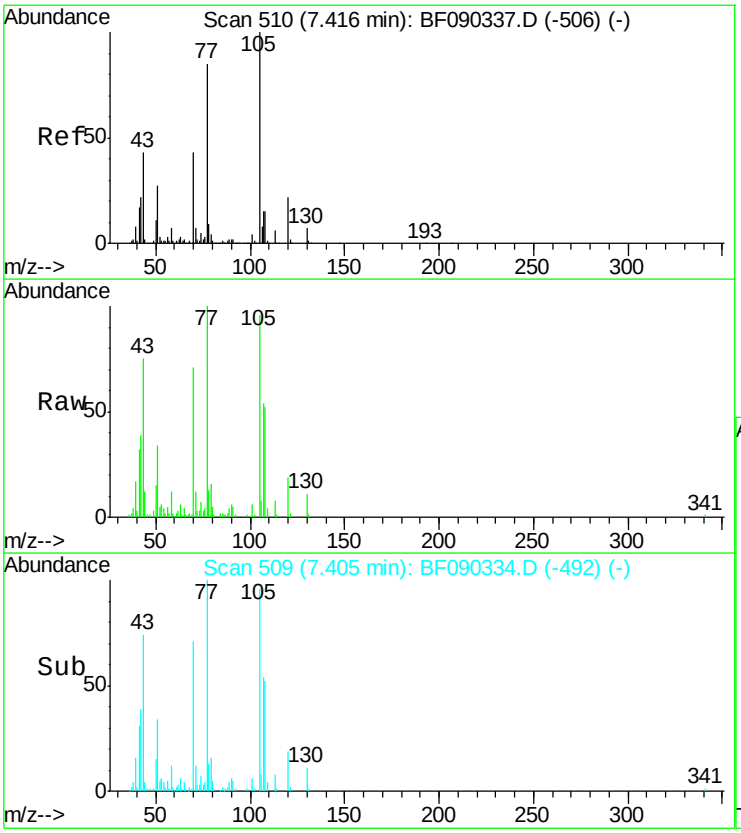
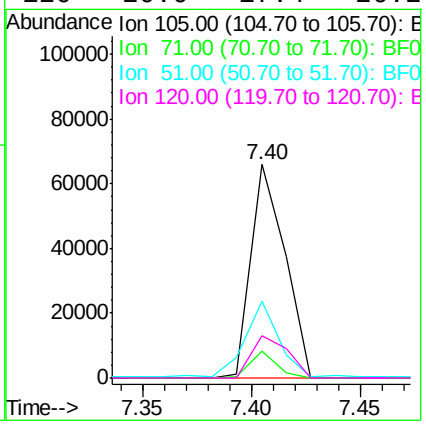
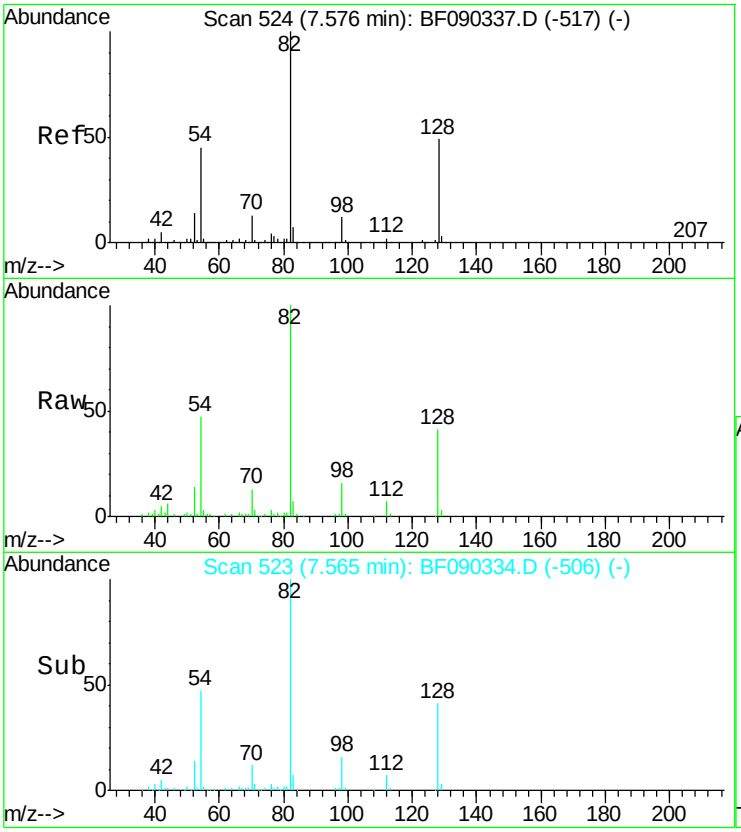


#22
Acetophenone
Concen: 2.38 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:105 Resp: 71807

Ion	Ratio	Lower	Upper
105	100		
71	12.4	3.8	5.6#
51	35.8	28.2	42.4
120	20.0	17.4	26.2

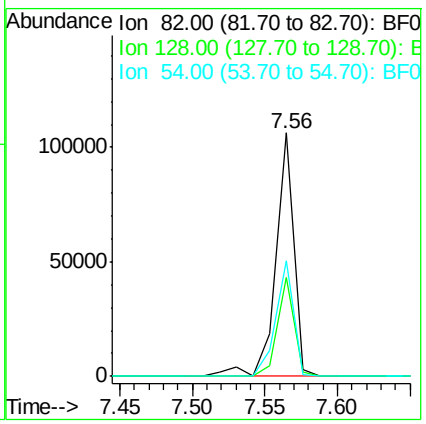




#23
Nitrobenzene-d5
Concen: 4.27 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion: 82 Resp: 92096

Ion	Ratio	Lower	Upper
82	100		
128	40.8	40.0	60.0
54	47.3	42.6	64.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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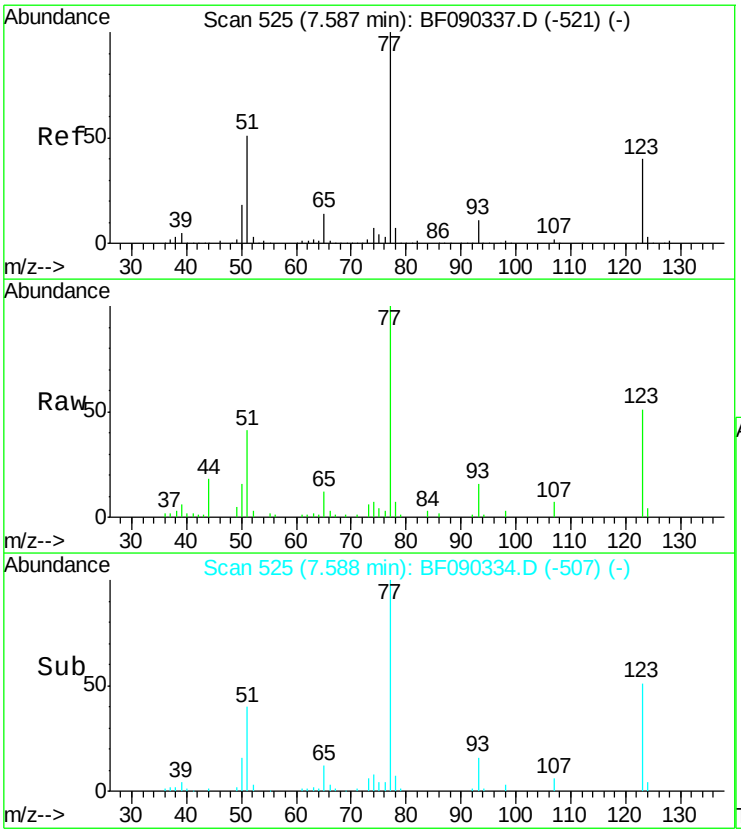
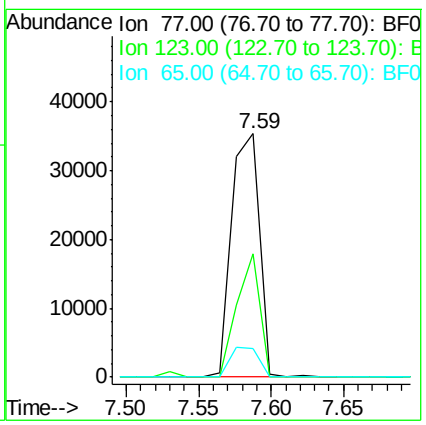
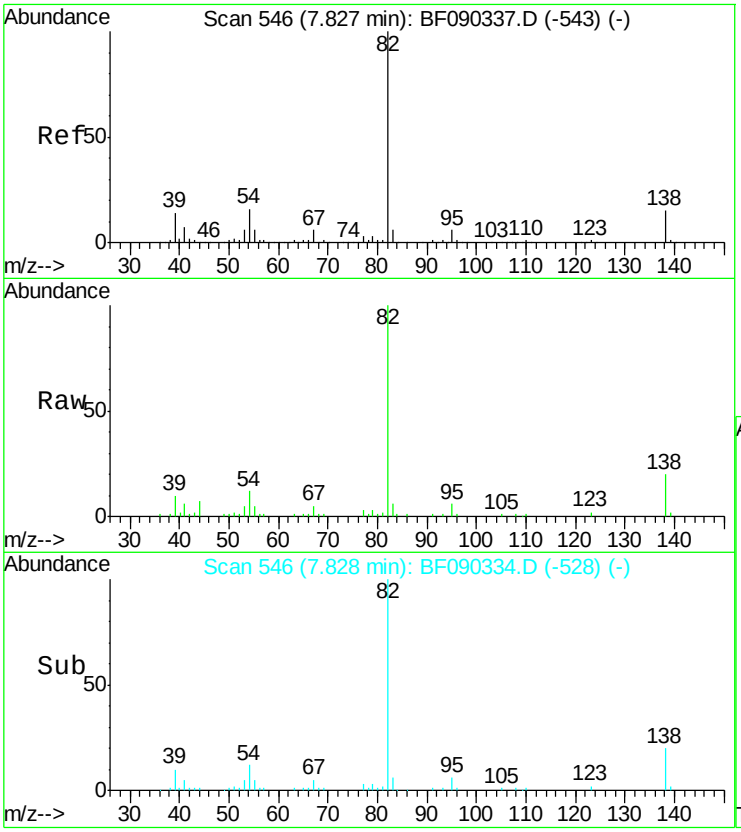


#24
Nitrobenzene
Concen: 2.10 ng
RT: 7.59 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion: 77 Resp: 47218

Ion	Ratio	Lower	Upper
77	100		
123	50.8	33.0	49.4#
65	11.7	12.0	18.0#

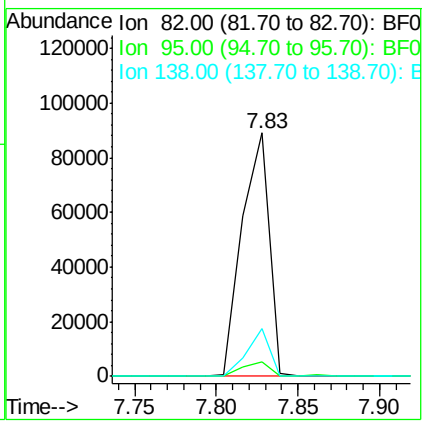




#25
Isophorone
Concen: 2.28 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion: 82 Resp: 102729

Ion	Ratio	Lower	Upper
82	100		
95	6.1	5.2	7.8
138	19.8	13.0	19.4#



Instrument :
BNA_F
ClientSampleId :
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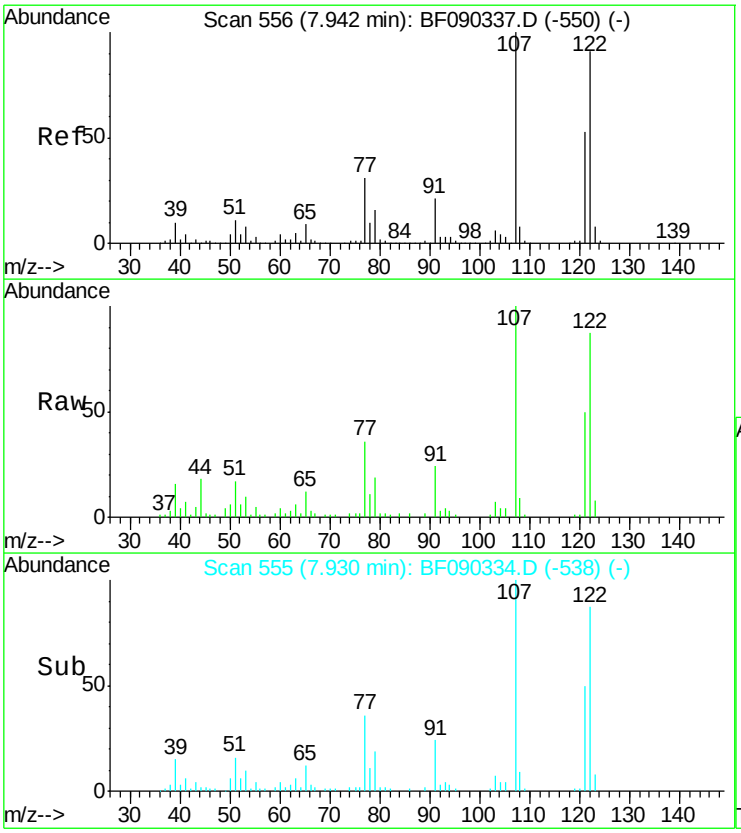
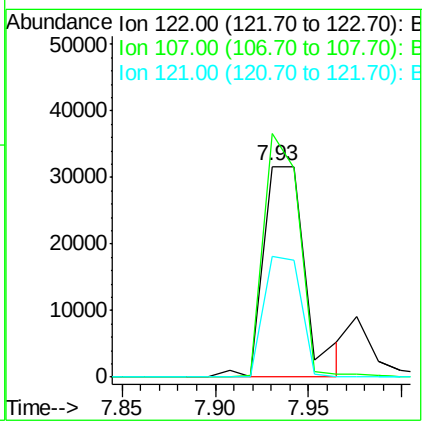
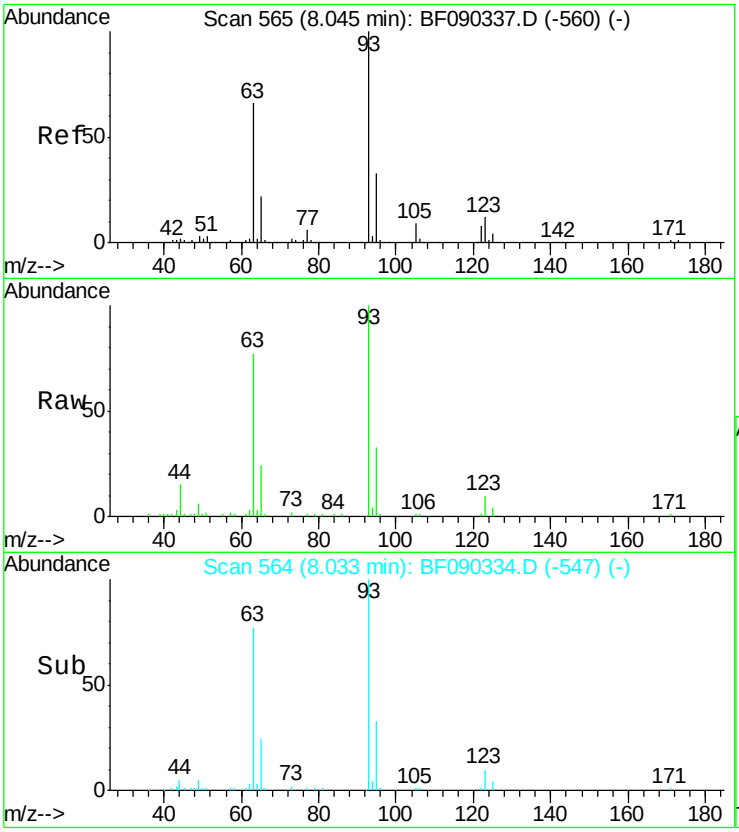


#27
2,4-Dimethylphenol
Concen: 2.51 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:122 Resp: 49369

Ion	Ratio	Lower	Upper
122	100		
107	115.5	88.6	132.8
121	57.3	47.5	71.3

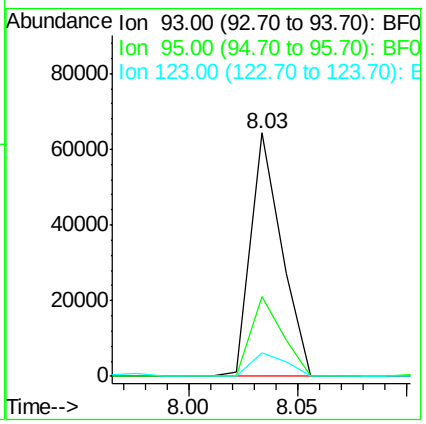




#28
bis(2-Chloroethoxy)methane
Concen: 2.33 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion: 93 Resp: 63525

Ion	Ratio	Lower	Upper
93	100		
95	32.7	27.0	40.4
123	9.6	11.1	16.7#



Instrument :
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ClientSampleId :
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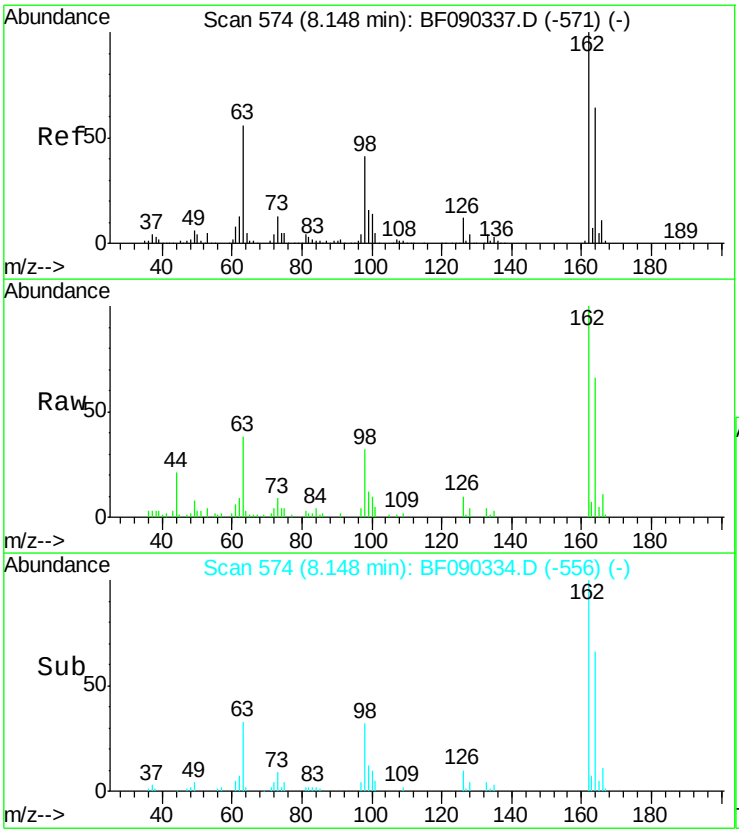
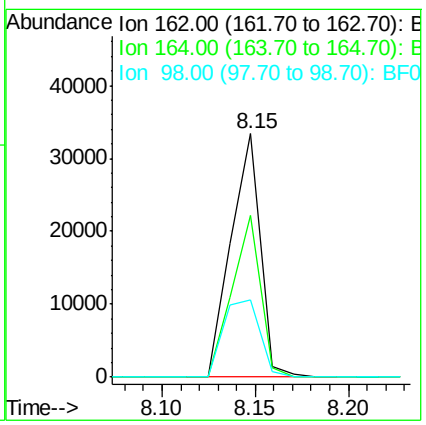
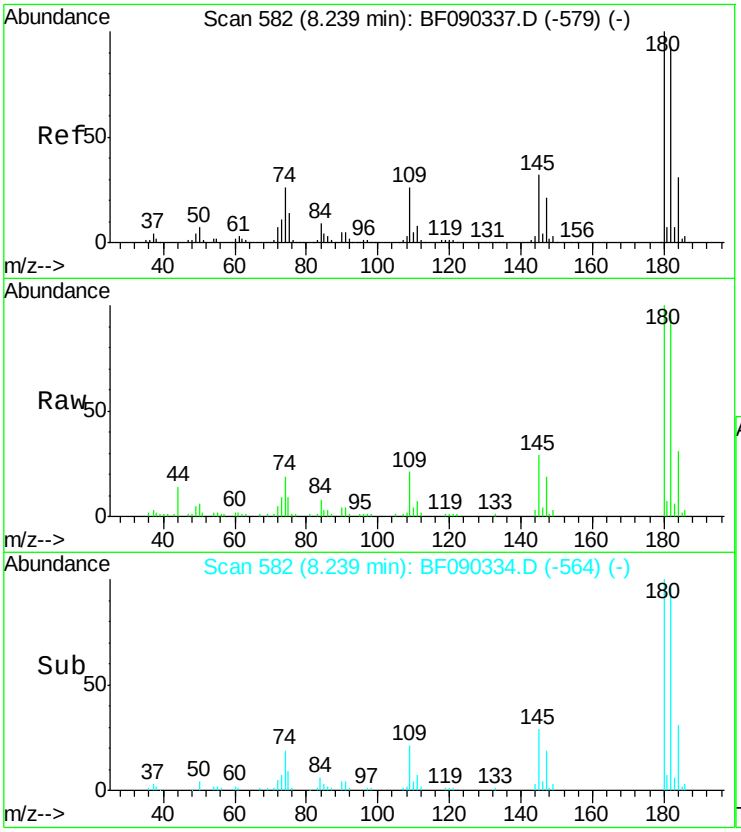


#29
2,4-Dichlorophenol
Concen: 2.13 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:162 Resp: 36834

Ion	Ratio	Lower	Upper
162	100		
164	66.2	45.7	85.7
98	31.6	13.3	53.3

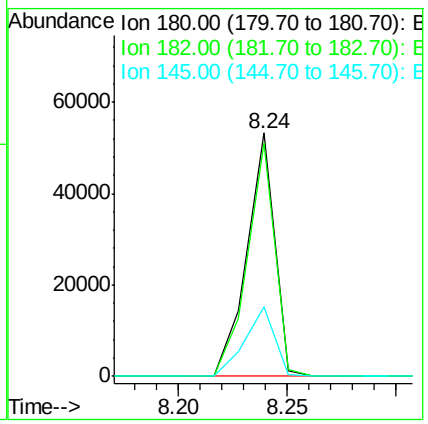




#30
1,2,4-Trichlorobenzene
Concen: 2.75 ng
RT: 8.24 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:180 Resp: 47388

Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.3	112.9
145	28.6	27.7	41.5



Instrument :
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ClientSampleId :
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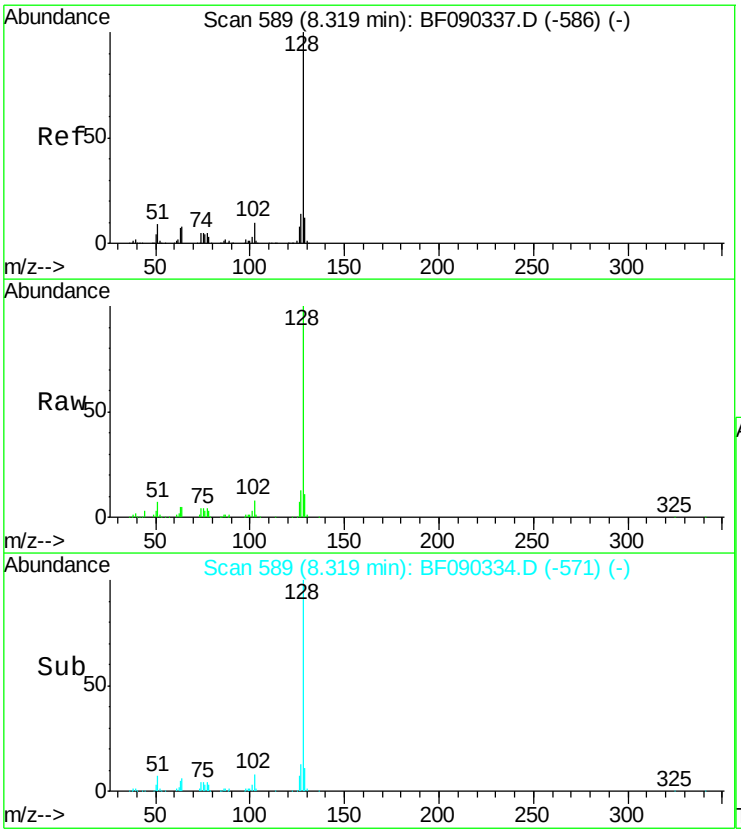
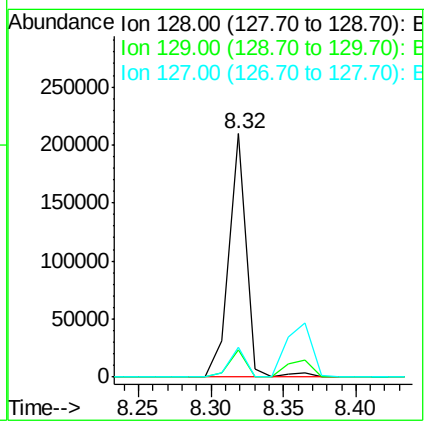
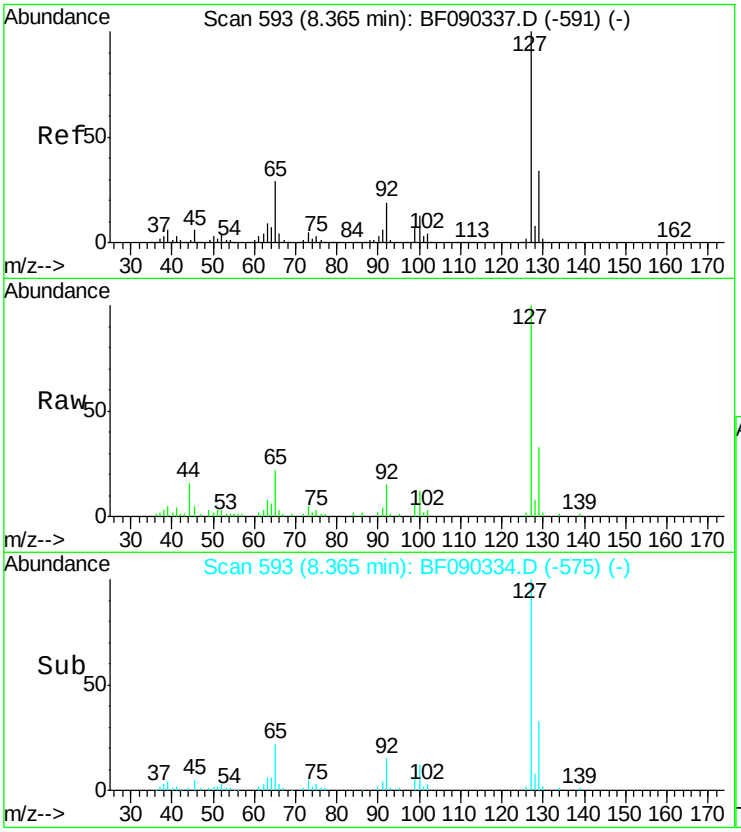


#31
Naphthalene
Concen: 2.93 ng
RT: 8.32 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:128 Resp: 174565

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.7	14.5
127	12.5	11.7	17.5

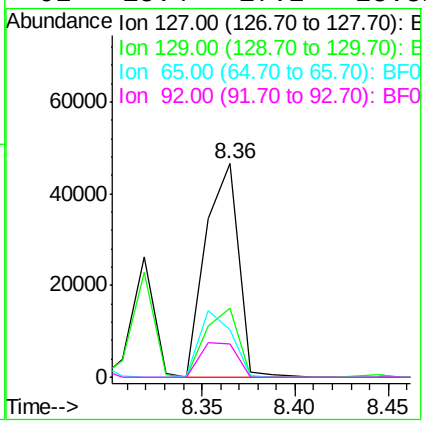




#33
4-Chloroaniline
Concen: 2.31 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:127 Resp: 57109

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	22.0	32.5	48.7#
92	15.4	17.2	25.8#



Instrument :
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ClientSampleId :
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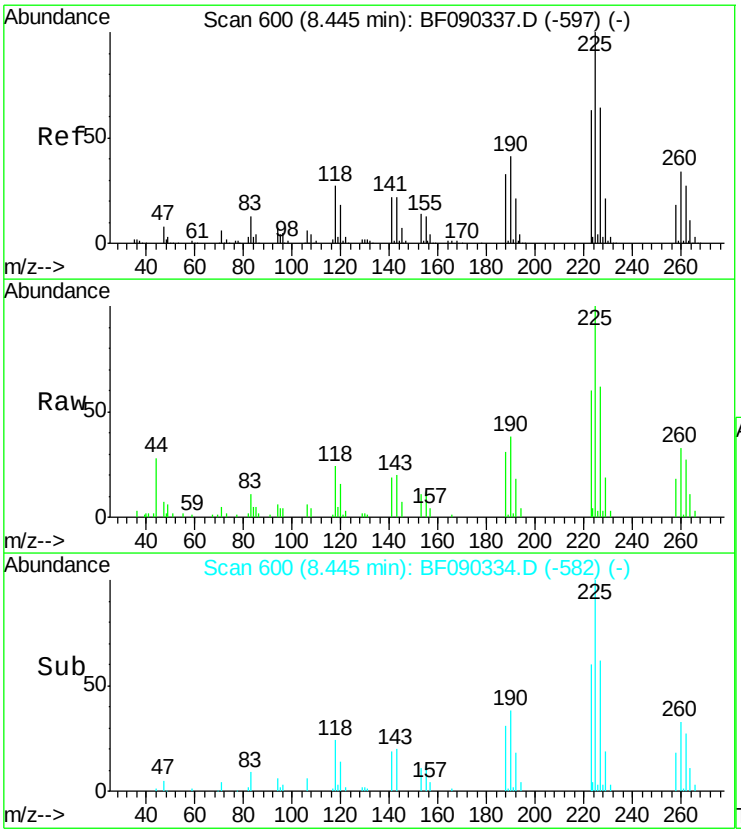
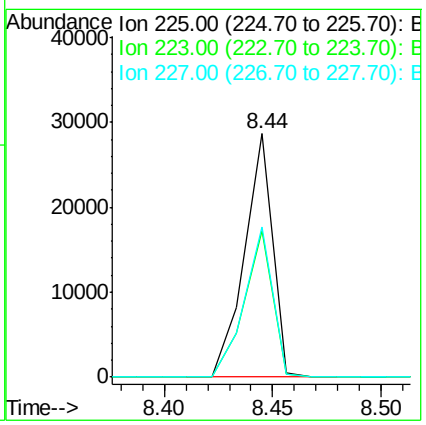
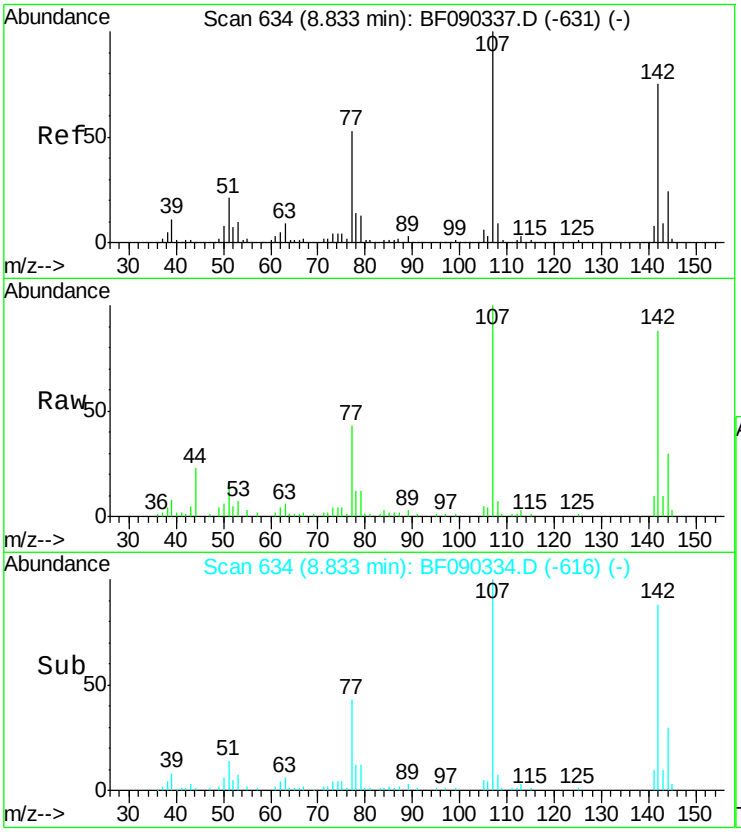


#34
Hexachlorobutadiene
Concen: 2.82 ng
RT: 8.44 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:225 Resp: 25673

Ion	Ratio	Lower	Upper
225	100		
223	60.3	51.0	76.4
227	61.7	50.8	76.2

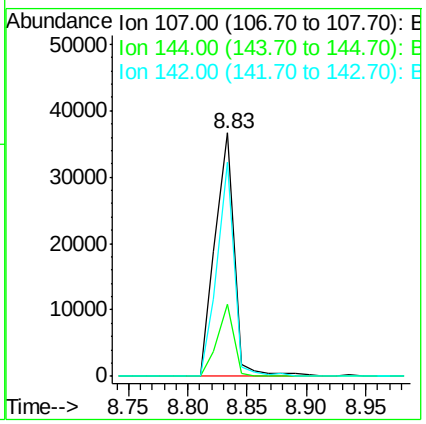




#36
4-Chloro-3-methylphenol
Concen: 2.10 ng
RT: 8.83 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:107 Resp: 40946

Ion	Ratio	Lower	Upper
107	100		
144	29.6	19.8	29.8
142	87.9	60.7	91.1



Instrument :
BNA_F
ClientSampleId :
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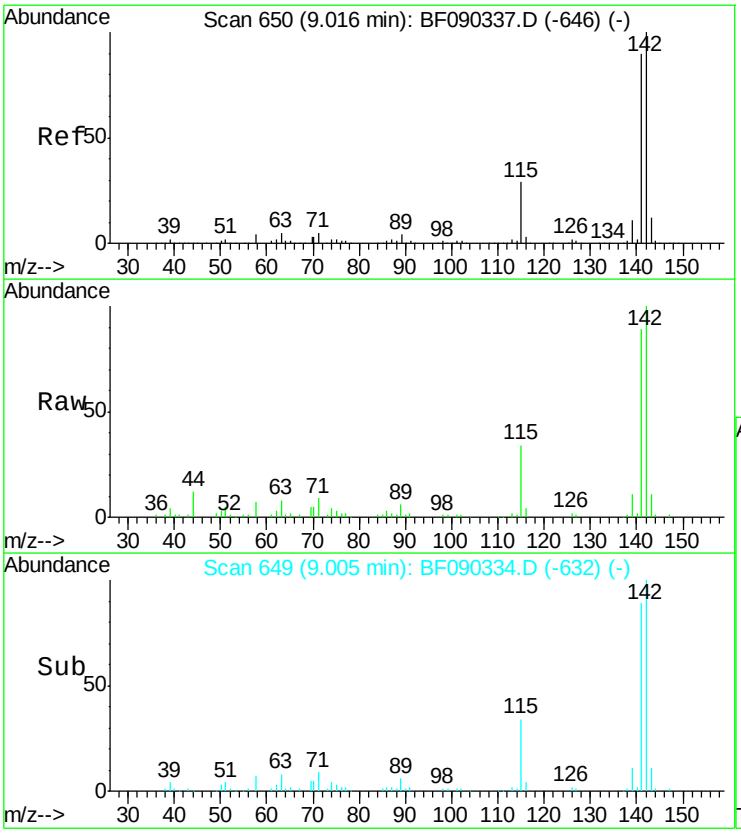
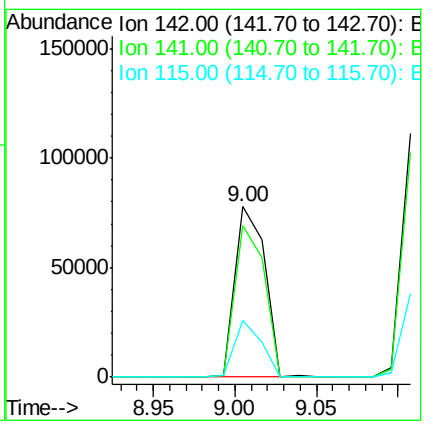
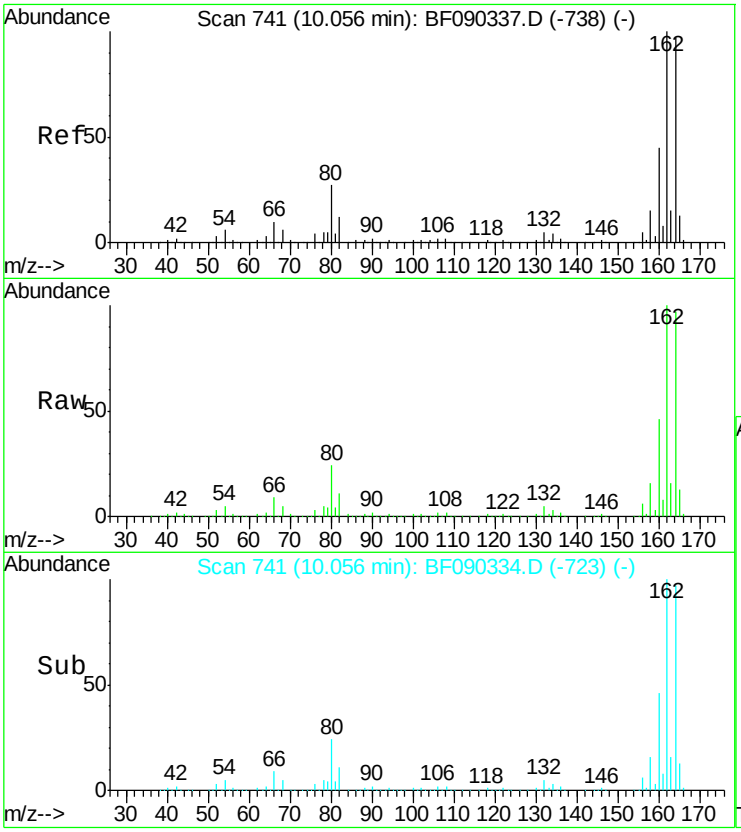


#37
2-Methylnaphthalene
Concen: 2.63 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:142 Resp: 97503

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.8	107.8
115	33.5	28.8	43.2

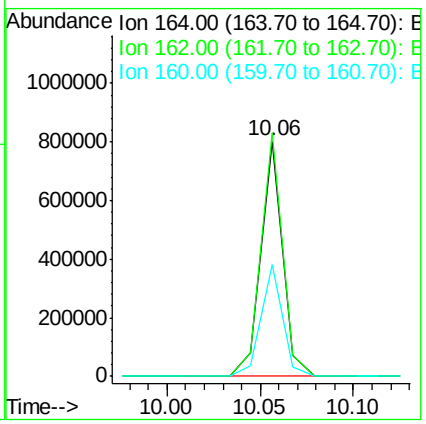




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:164 Resp: 653397

Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.1	120.1
160	47.6	36.3	54.5



Instrument :
BNA_F
ClientSampleId :
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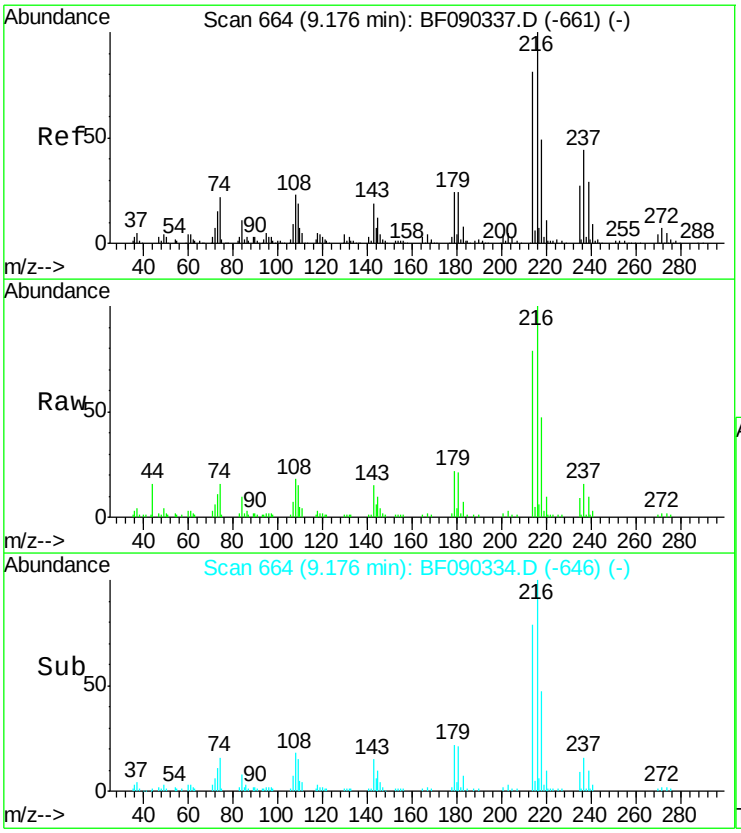
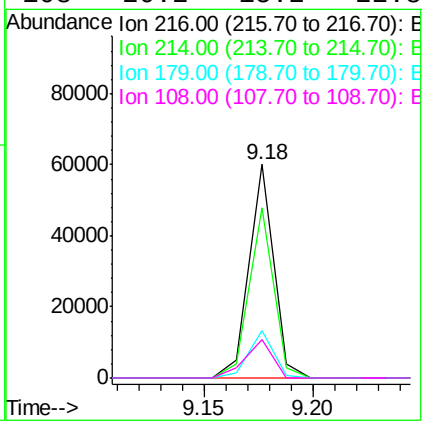
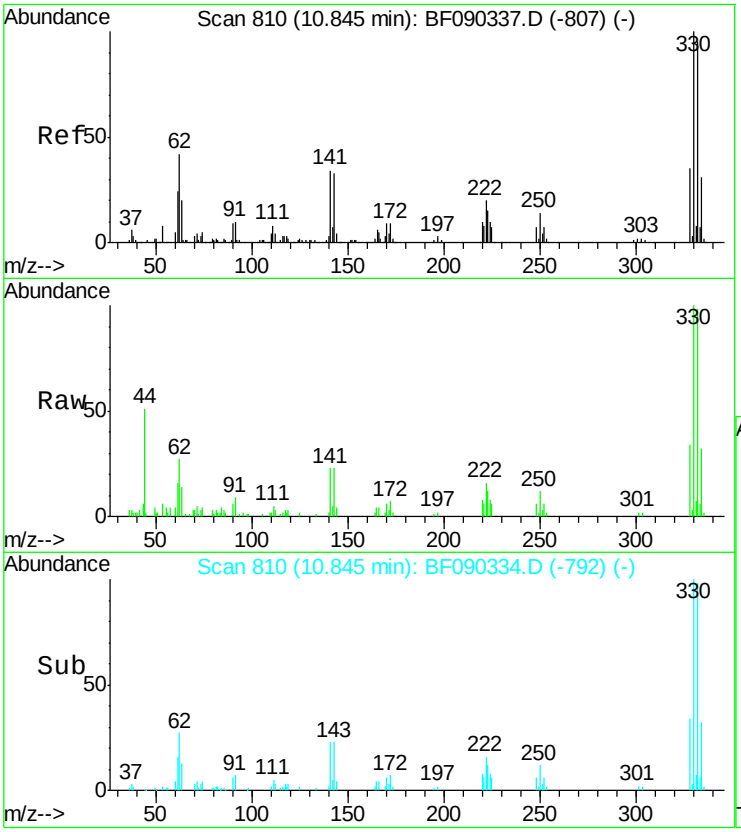


#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.16 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:216 Resp: 47405

Ion	Ratio	Lower	Upper
216	100		
214	79.0	64.2	96.2
179	22.5	18.0	27.0
108	20.2	15.2	22.8

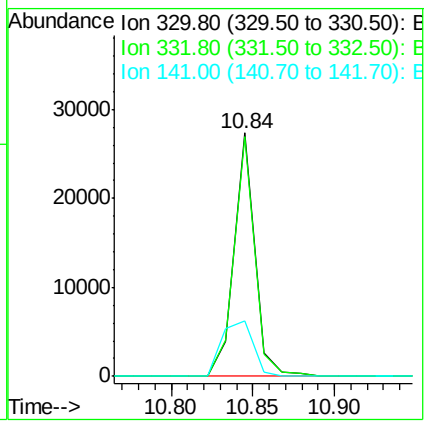




#41
2,4,6-Tribromophenol
Concen: 4.26 ng
RT: 10.84 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:330 Resp: 23903

Ion	Ratio	Lower	Upper
330	100		
332	98.1	75.4	113.0
141	34.8	26.9	40.3



Instrument :
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ClientSampleId :
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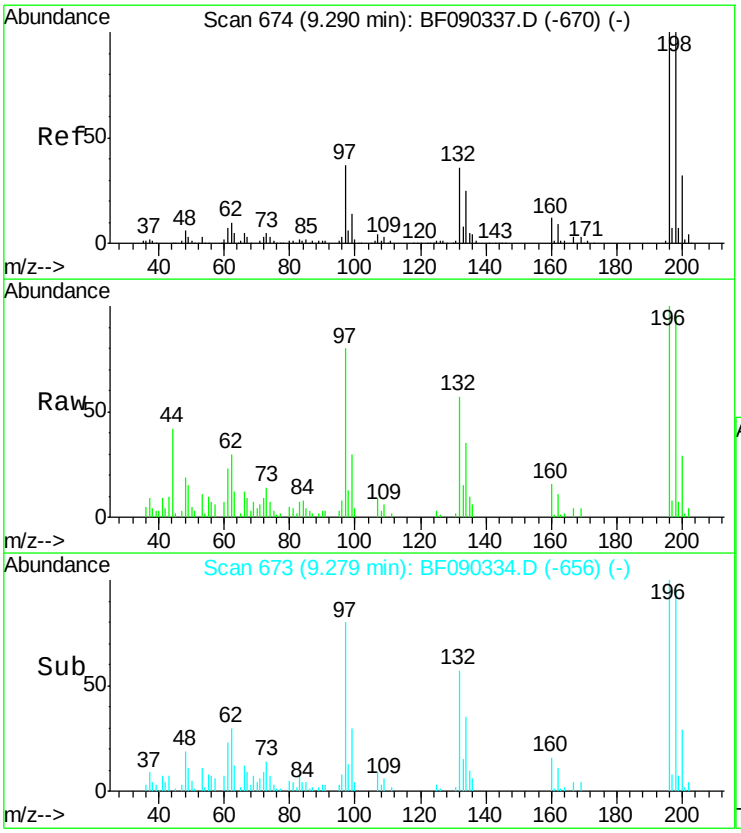
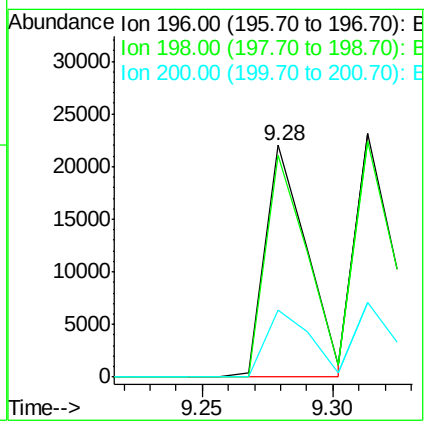
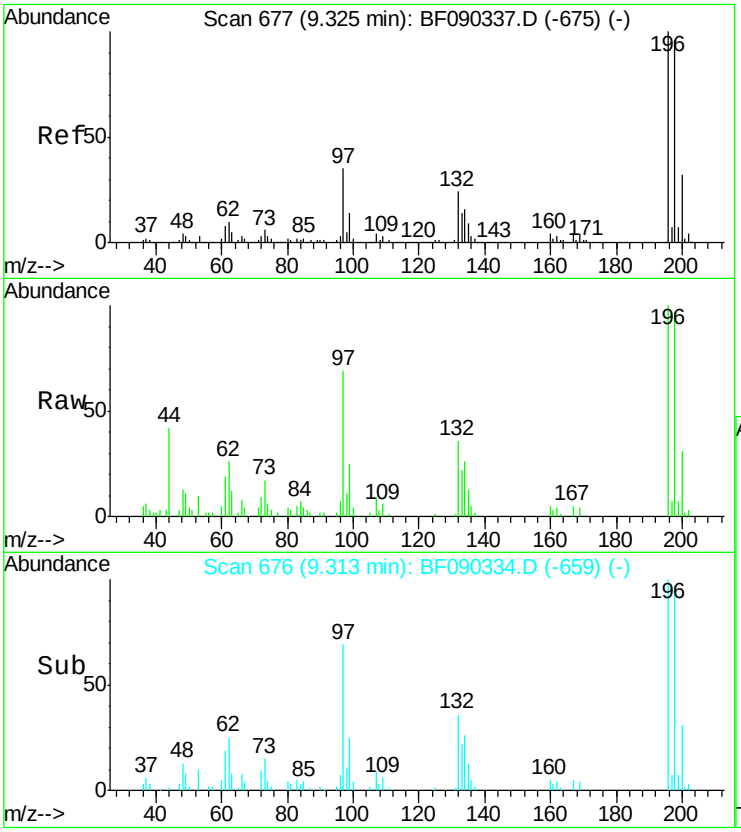


#42
2,4,6-Trichlorophenol
Concen: 2.28 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:196 Resp: 24412

Ion	Ratio	Lower	Upper
196	100		
198	95.8	78.9	118.3
200	28.9	25.4	38.2

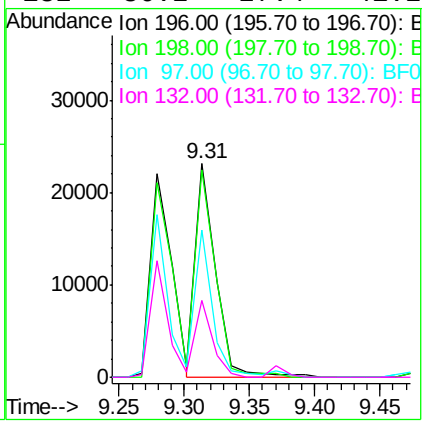




#43
2,4,5-Trichlorophenol
Concen: 2.26 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:196 Resp: 25024

Ion	Ratio	Lower	Upper
196	100		
198	97.2	78.1	117.1
97	68.8	48.1	72.1
132	36.2	27.4	41.2



Instrument :
BNA_F
ClientSampleId :
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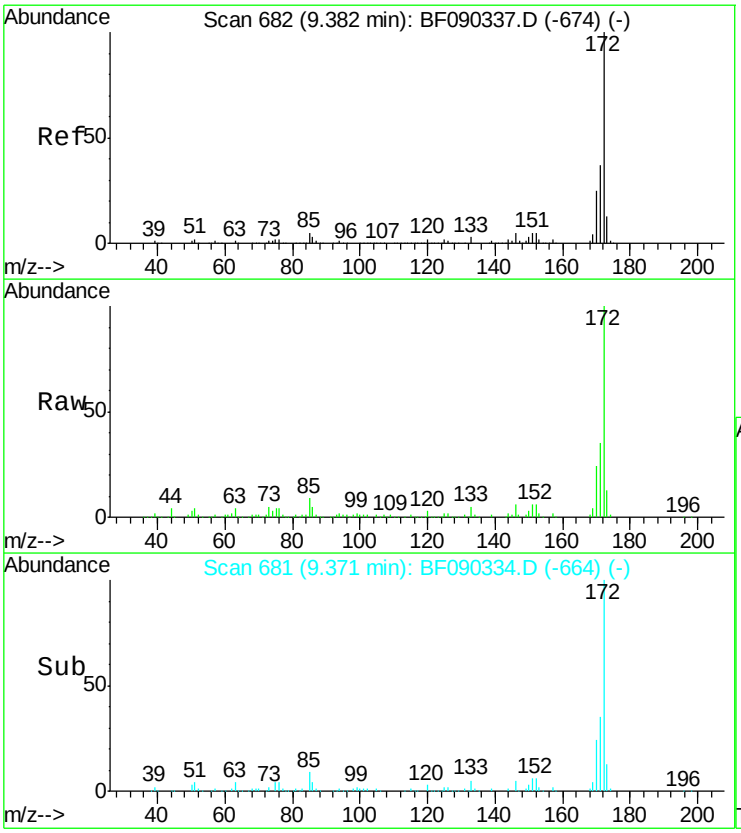
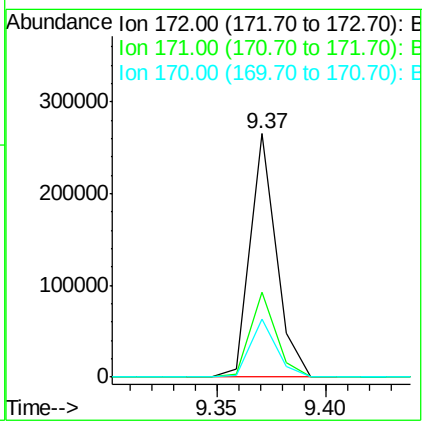
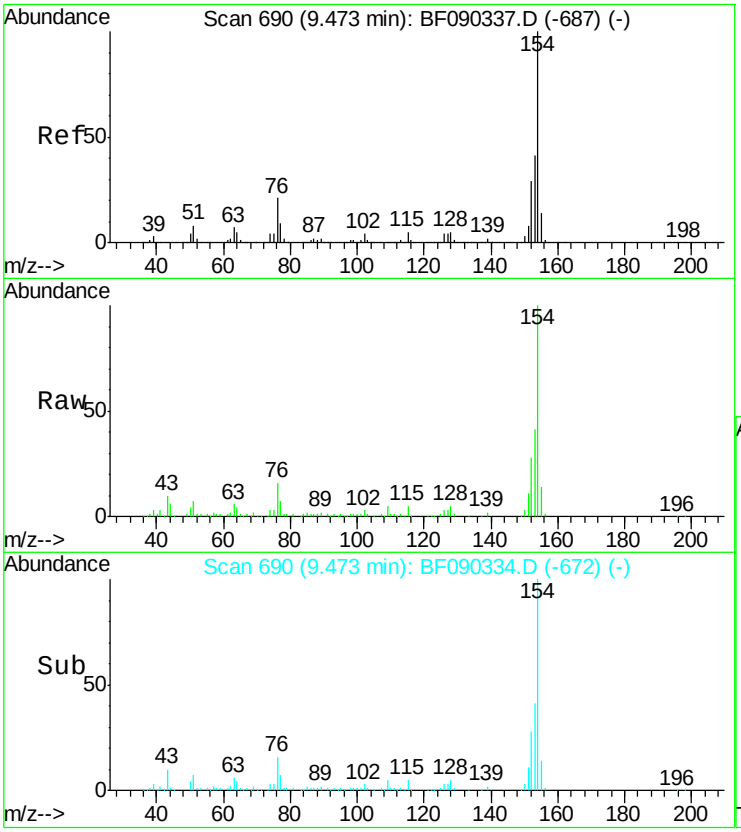


#44
2-Fluorobiphenyl
Concen: 6.62 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:172 Resp: 220246

Ion	Ratio	Lower	Upper
172	100		
171	34.9	31.8	47.8
170	23.8	21.7	32.5

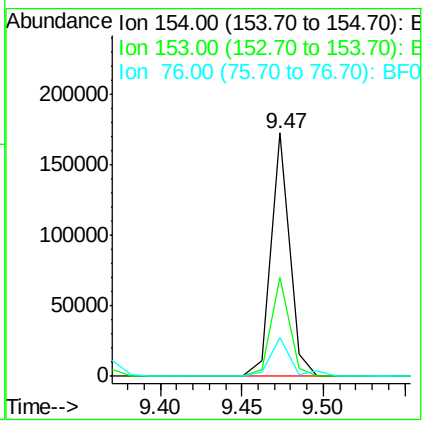




#45
1,1'-Biphenyl
Concen: 2.94 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:154 Resp: 137389

Ion	Ratio	Lower	Upper
154	100		
153	40.6	23.8	63.8
76	15.8	0.0	35.8



Instrument :
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ClientSampleId :
SSTDICC02.5

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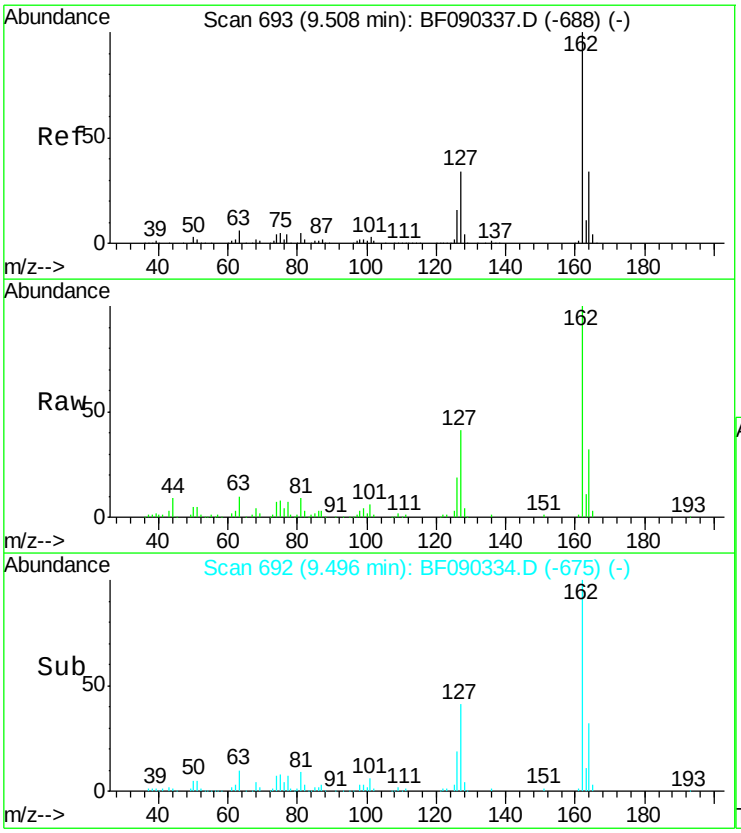
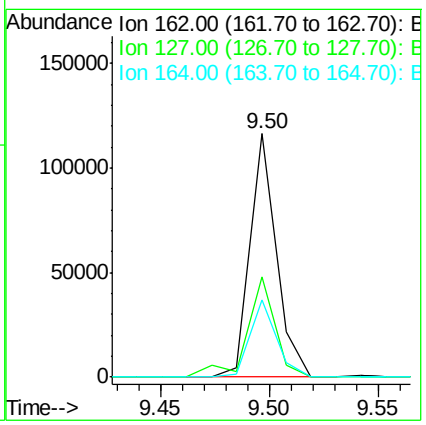
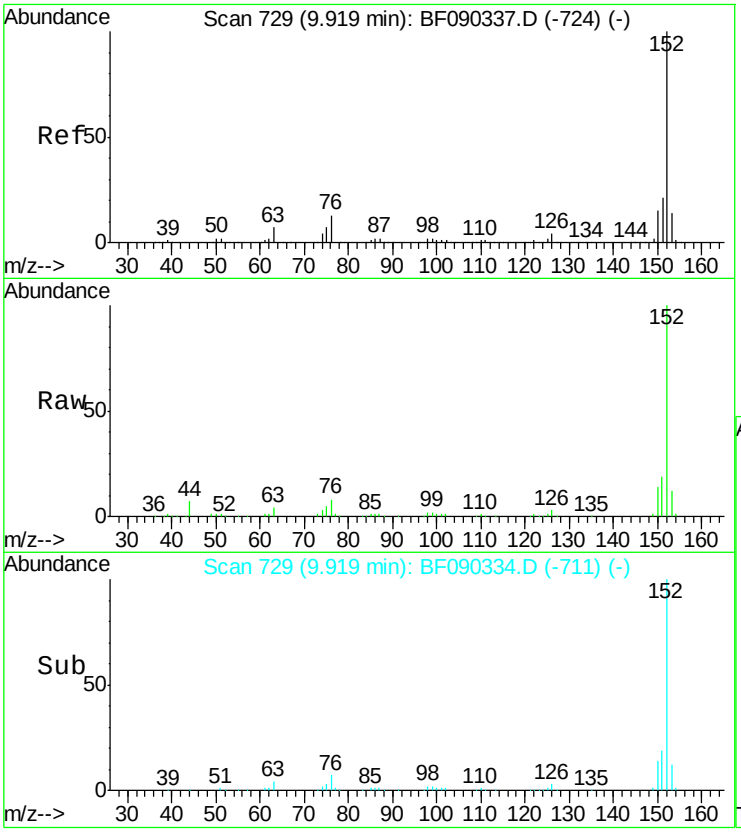


#46
2-Chloronaphthalene
Concen: 2.83 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:162 Resp: 97547

Ion	Ratio	Lower	Upper
162	100		
127	41.1	35.6	53.4
164	31.7	27.5	41.3

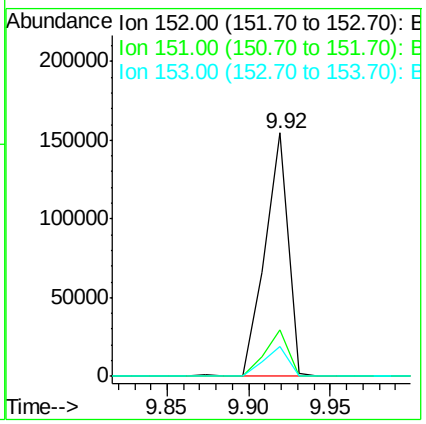




#48
Acenaphthylene
Concen: 2.75 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:152 Resp: 153777

Ion	Ratio	Lower	Upper
152	100		
151	19.3	17.4	26.0
153	12.4	11.6	17.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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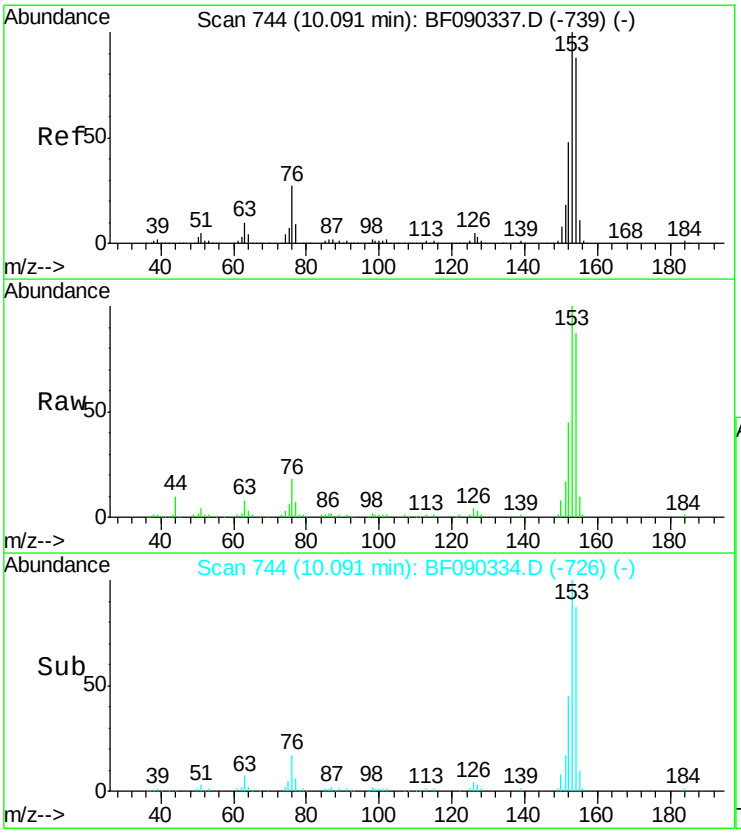
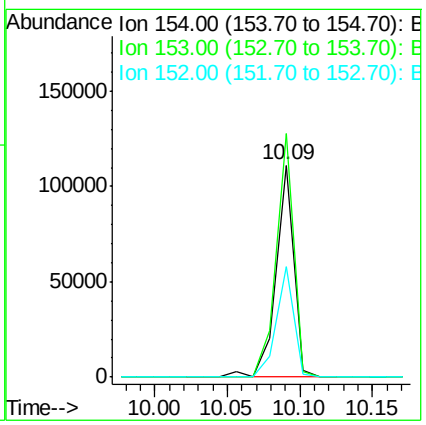
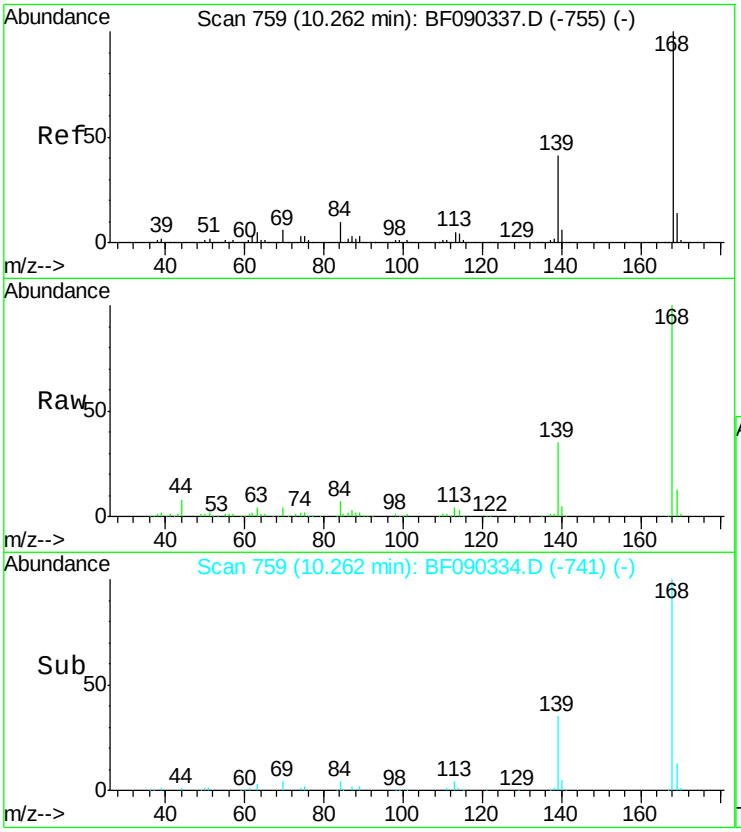


#51
Acenaphthene
Concen: 2.85 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:154 Resp: 94864

Ion	Ratio	Lower	Upper
154	100		
153	114.9	88.6	133.0
152	52.0	42.6	64.0

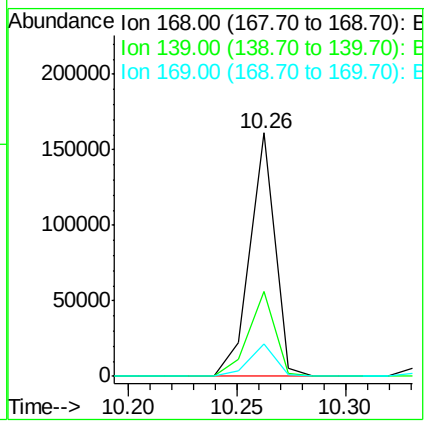




#54
Dibenzofuran
Concen: 2.97 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:168 Resp: 129959

Ion	Ratio	Lower	Upper
168	100		
139	34.8	29.6	44.4
169	13.2	11.3	16.9



Instrument :
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ClientSampleId :
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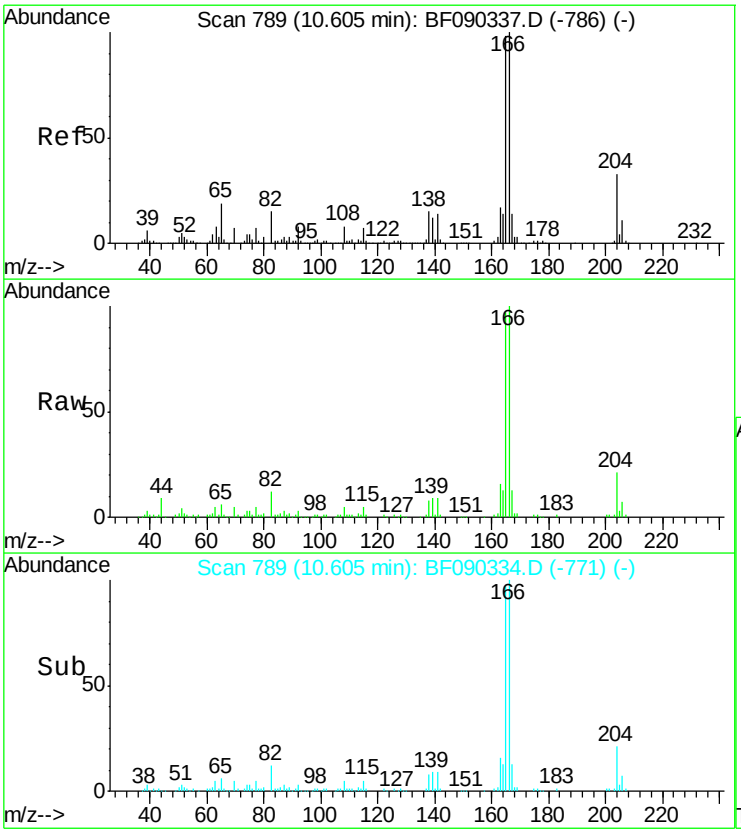
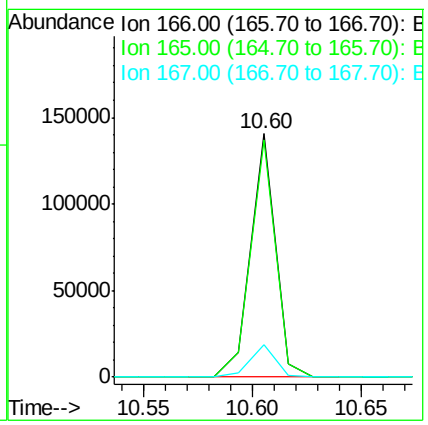
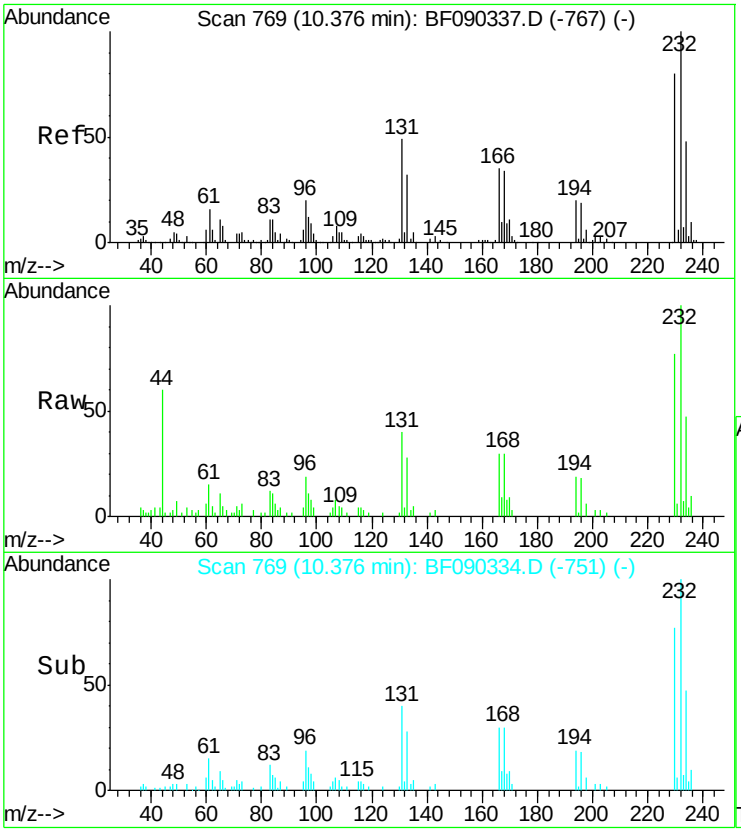


#57
Fluorene
Concen: 3.39 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:166 Resp: 111935

Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.2	118.8
167	13.2	11.1	16.7

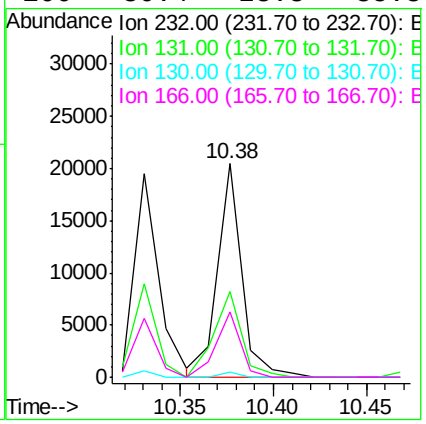




#58
2,3,4,6-Tetrachlorophenol
Concen: 2.25 ng
RT: 10.38 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:232 Resp: 18621

Ion	Ratio	Lower	Upper
232	100		
131	46.6	34.5	51.7
130	1.8	1.6	2.4
166	30.4	23.8	35.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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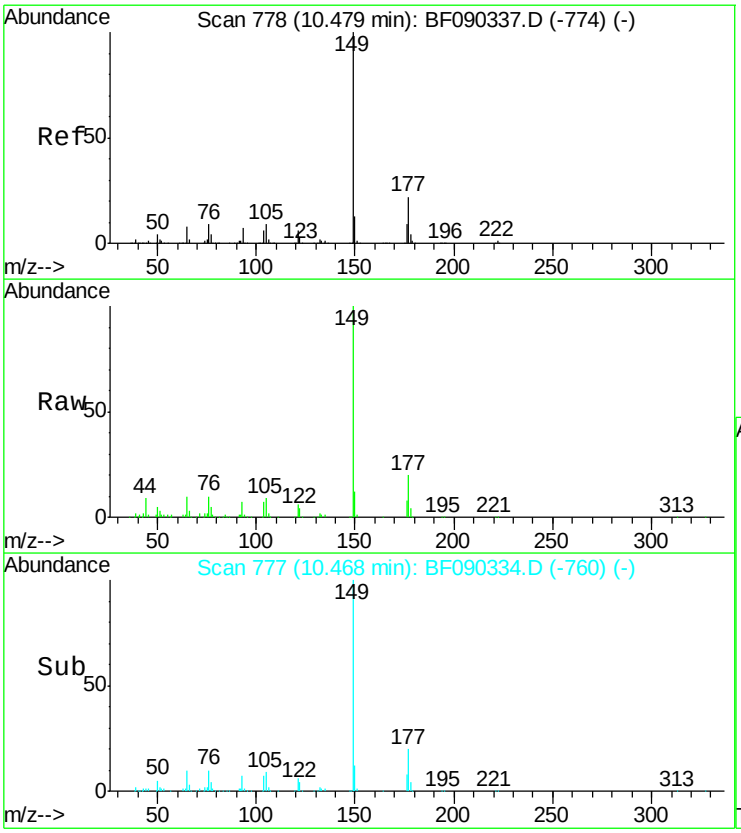
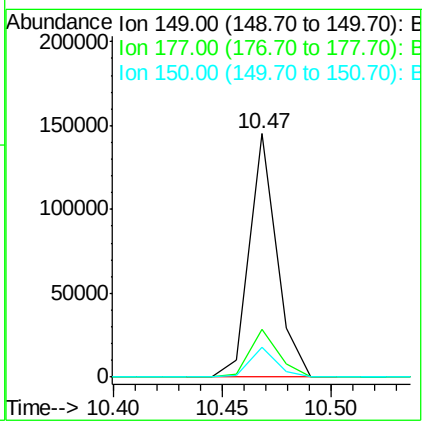
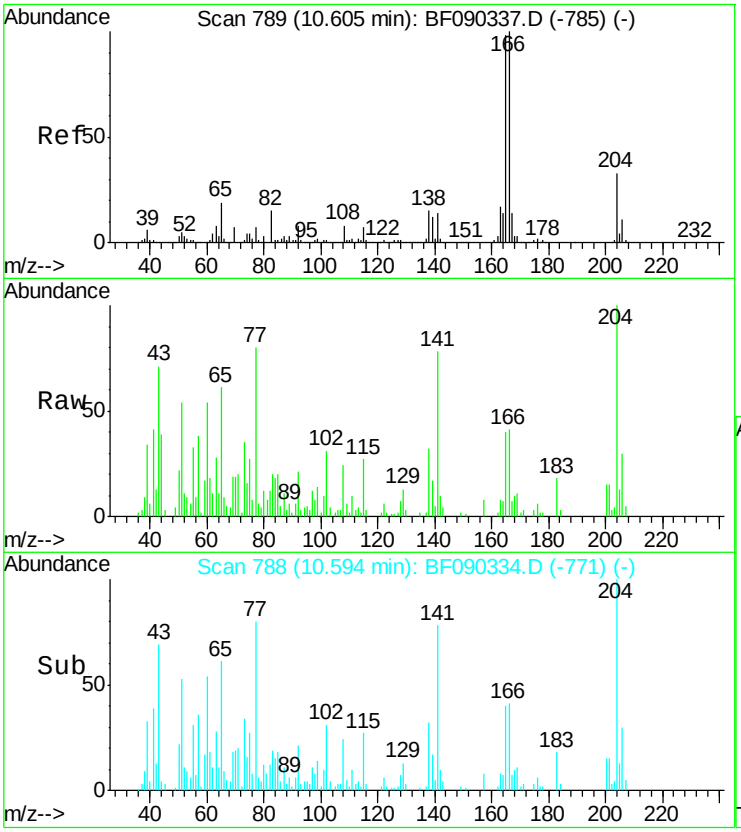


#59
Diethylphthalate
Concen: 3.16 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:149 Resp: 126918

Ion	Ratio	Lower	Upper
149	100		
177	19.6	21.1	31.7#
150	12.2	10.2	15.2





#60
4-Chlorophenyl-phenylether
Concen: 3.00 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:204 Resp: 45074

Ion	Ratio	Lower	Upper
204	100		
206	30.4	26.7	40.1
141	77.9	51.7	77.5#

Instrument :
BNA_F
ClientSampleId :
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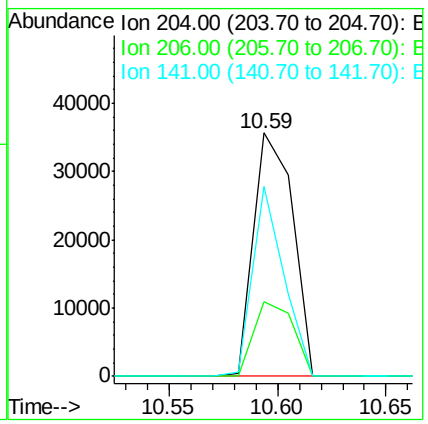
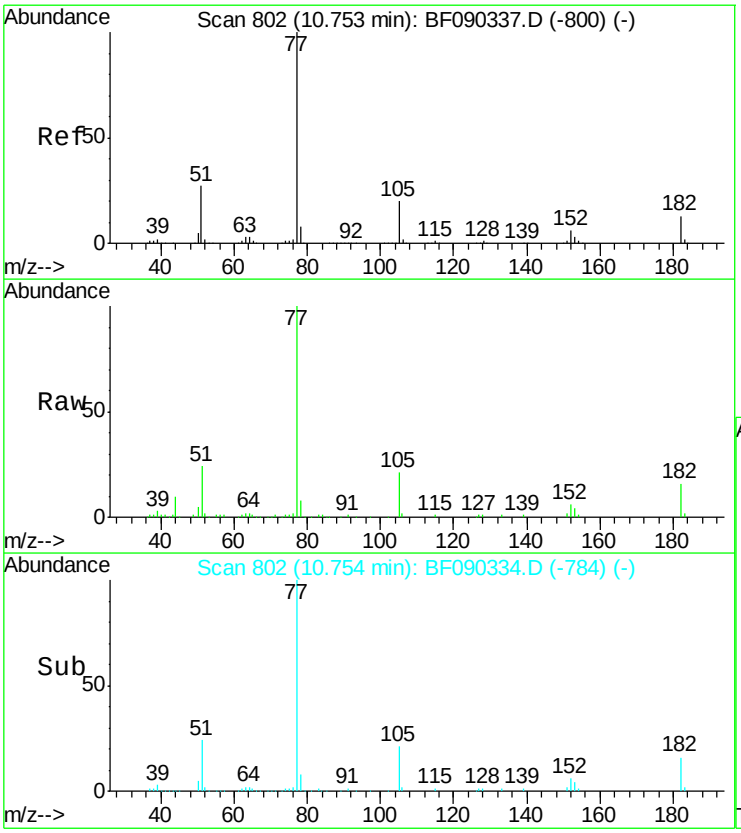
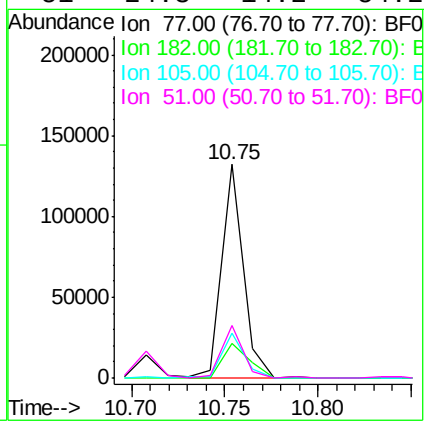


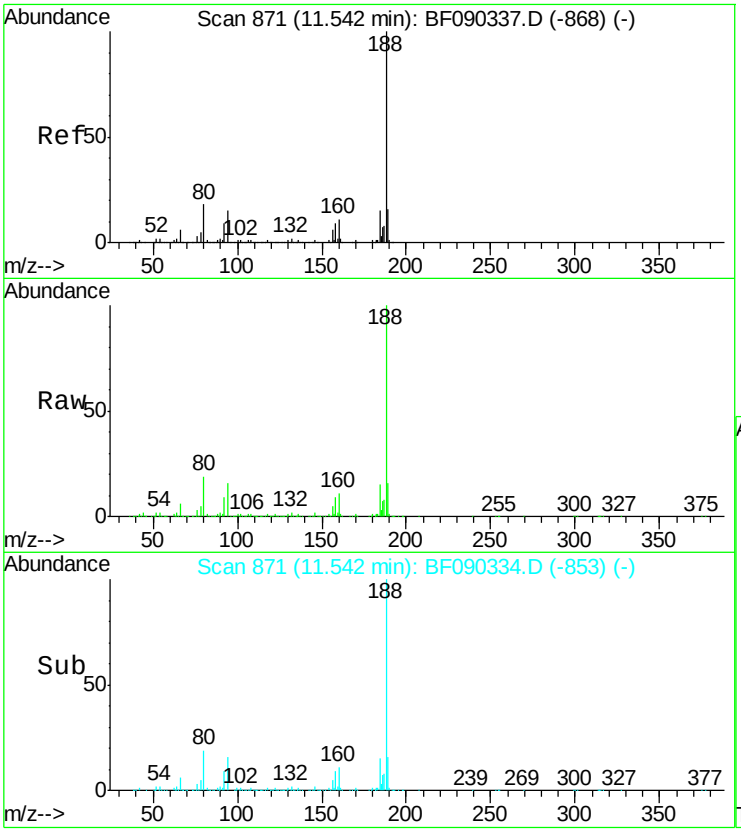


#62
Azobenzene
Concen: 2.56 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion: 77 Resp: 106905

Ion	Ratio	Lower	Upper
77	100		
182	16.3	3.2	43.2
105	21.1	2.9	42.9
51	24.3	14.2	54.2





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:188 Resp: 985485

Ion	Ratio	Lower	Upper
188	100		
94	16.5	8.2	12.2#
80	19.2	8.8	13.2#

Instrument :
BNA_F
ClientSampleId :
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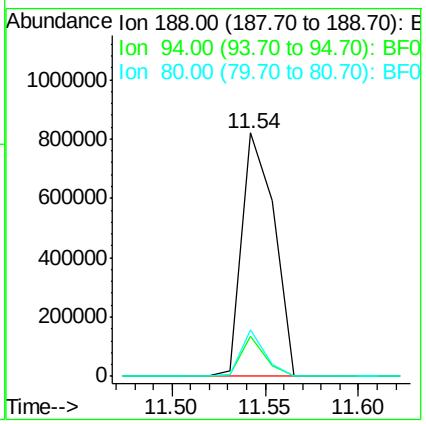
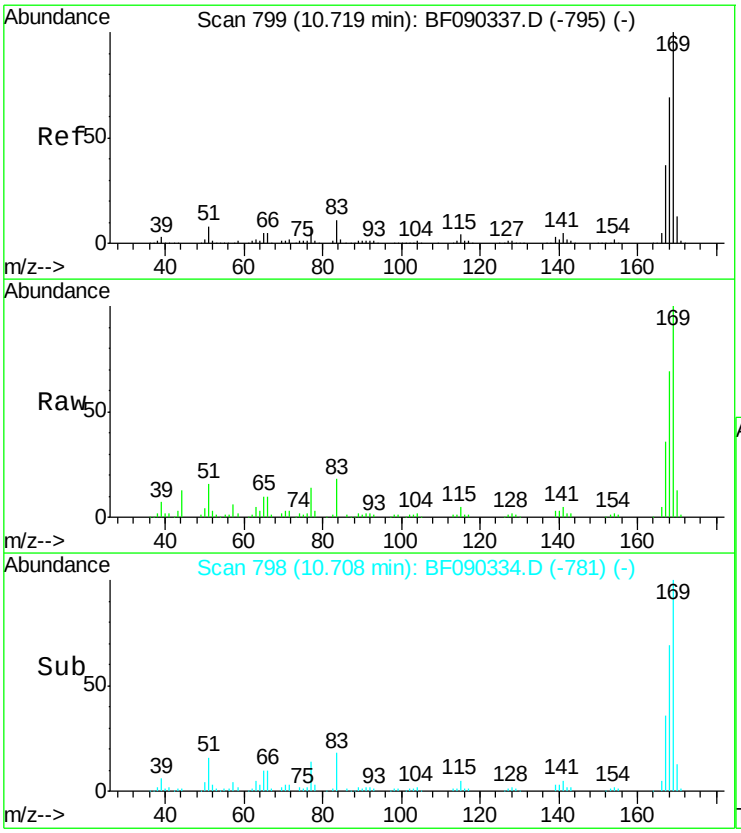
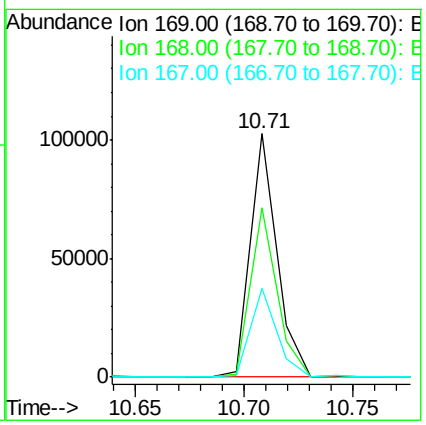


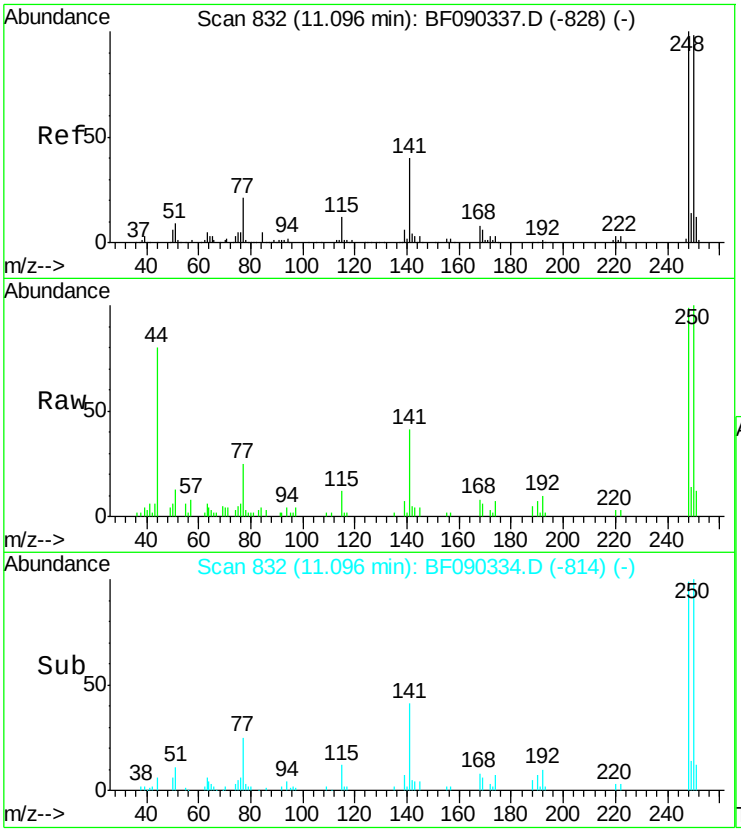


#65
n-Nitrosodiphenylamine
Concen: 2.69 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:169 Resp: 87161

Ion	Ratio	Lower	Upper
169	100		
168	69.4	53.8	80.6
167	36.5	29.8	44.8

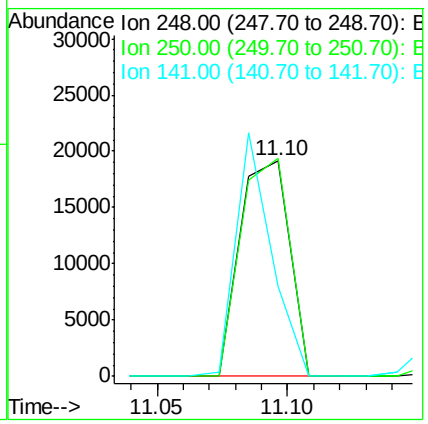




#66
4-Bromophenyl-phenylether
Concen: 2.61 ng
RT: 11.10 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:248 Resp: 25356

Ion	Ratio	Lower	Upper
248	100		
250	101.0	76.5	114.7
141	41.4	59.8	89.6#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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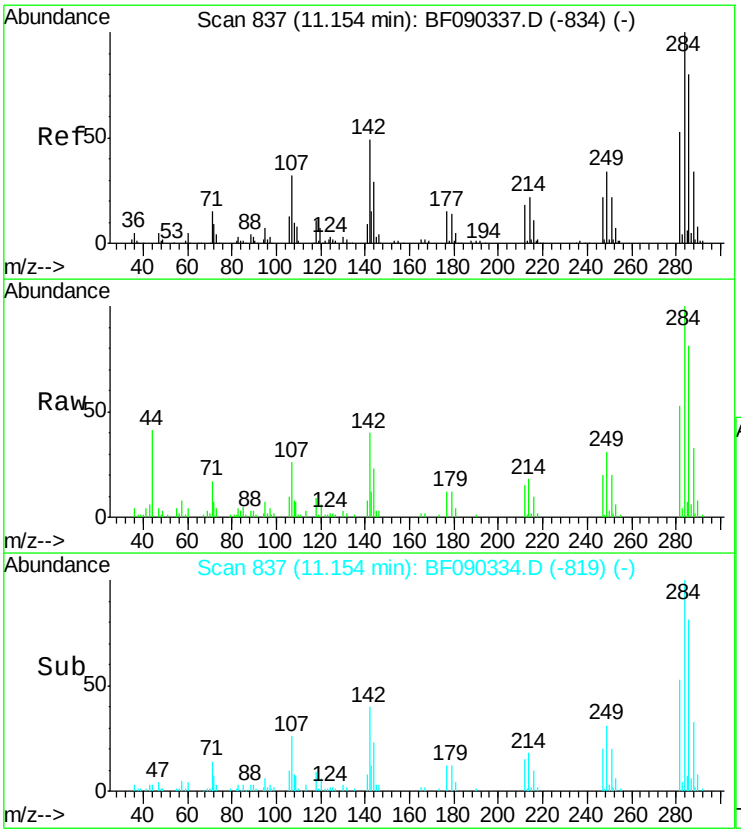
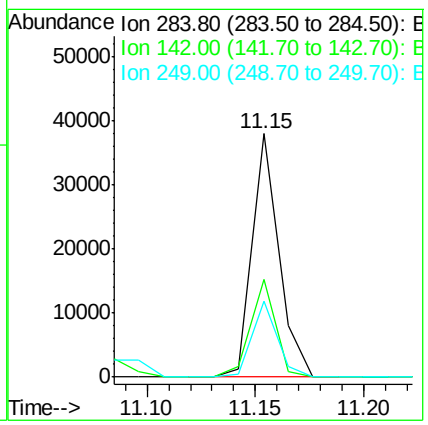
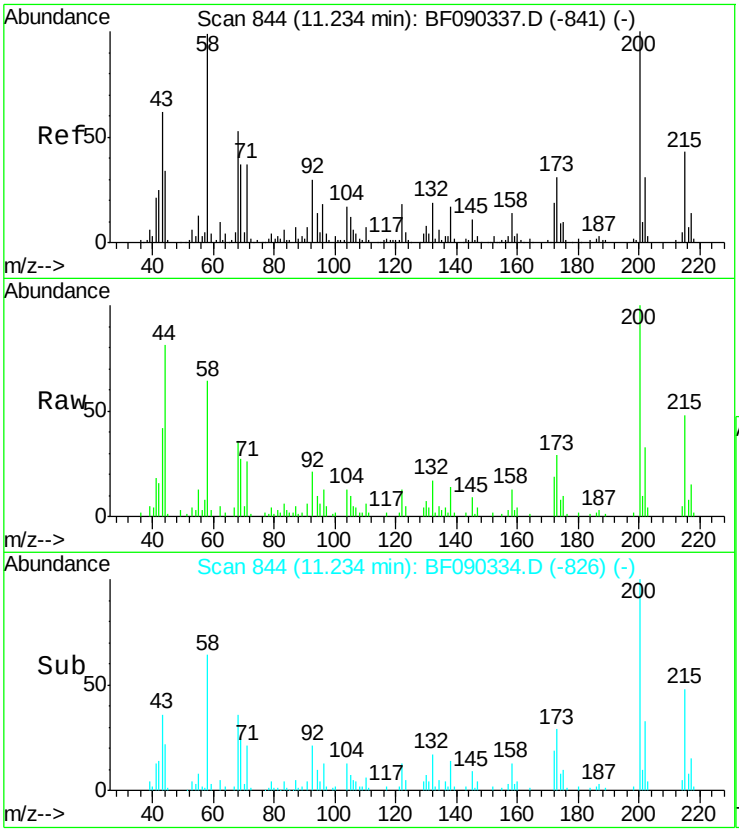


#67
Hexachlorobenzene
Concen: 2.88 ng
RT: 11.15 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:284 Resp: 32516

Ion	Ratio	Lower	Upper
284	100		
142	40.3	23.1	34.7#
249	31.2	26.3	39.5

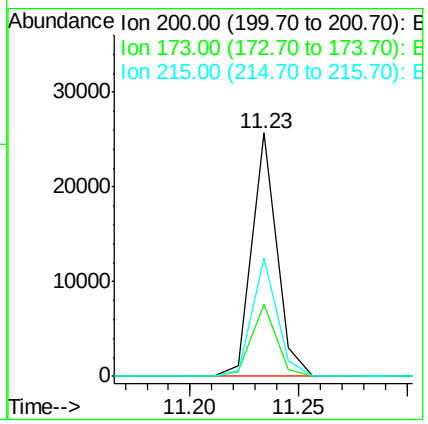




#68
Atrazine
Concen: 2.31 ng
RT: 11.23 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:200 Resp: 20526

Ion	Ratio	Lower	Upper
200	100		
173	29.4	9.0	49.0
215	48.4	24.8	64.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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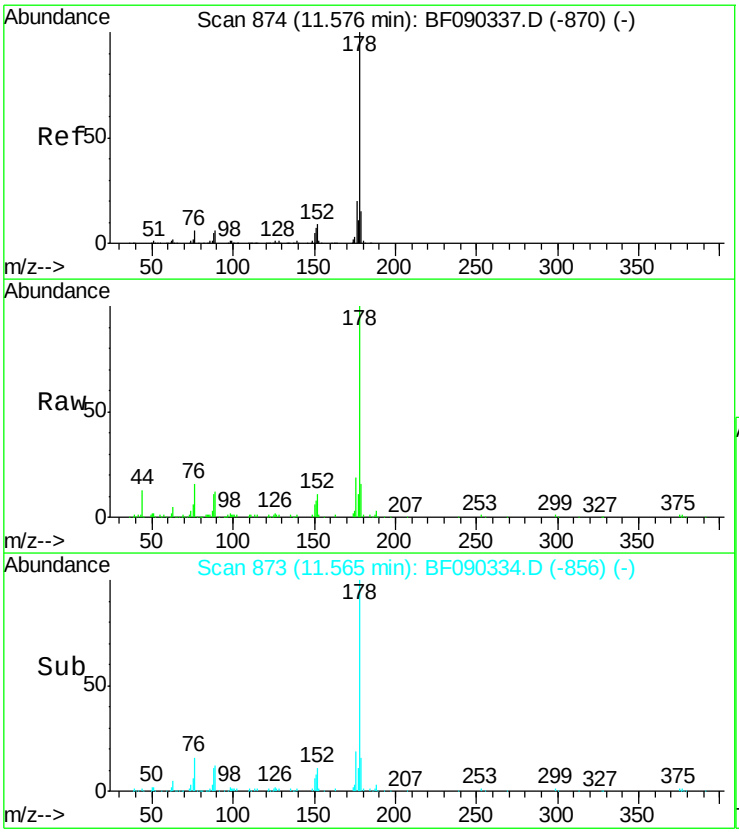
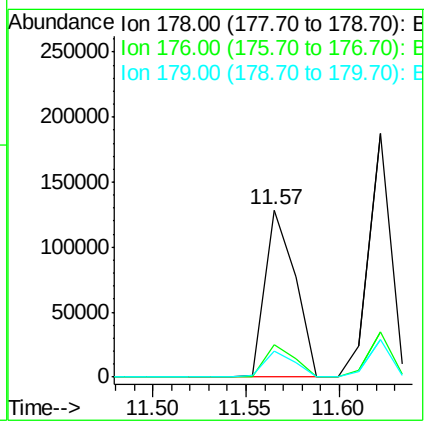
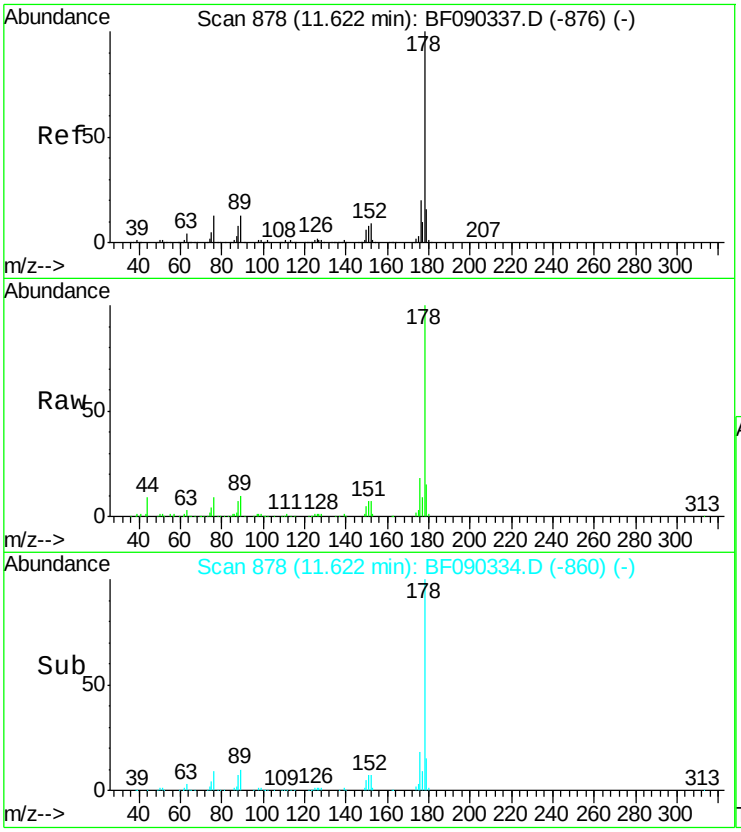


#70
Phenanthrene
Concen: 3.09 ng
RT: 11.57 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:178 Resp: 142494

Ion	Ratio	Lower	Upper
178	100		
176	19.3	17.3	25.9
179	15.7	13.8	20.6

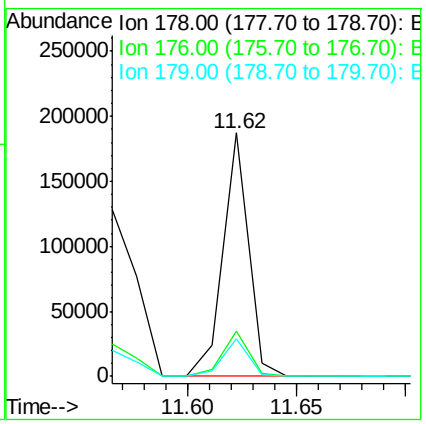




#71
Anthracene
Concen: 3.15 ng
RT: 11.62 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:178 Resp: 152193

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.8	25.2
179	15.4	13.4	20.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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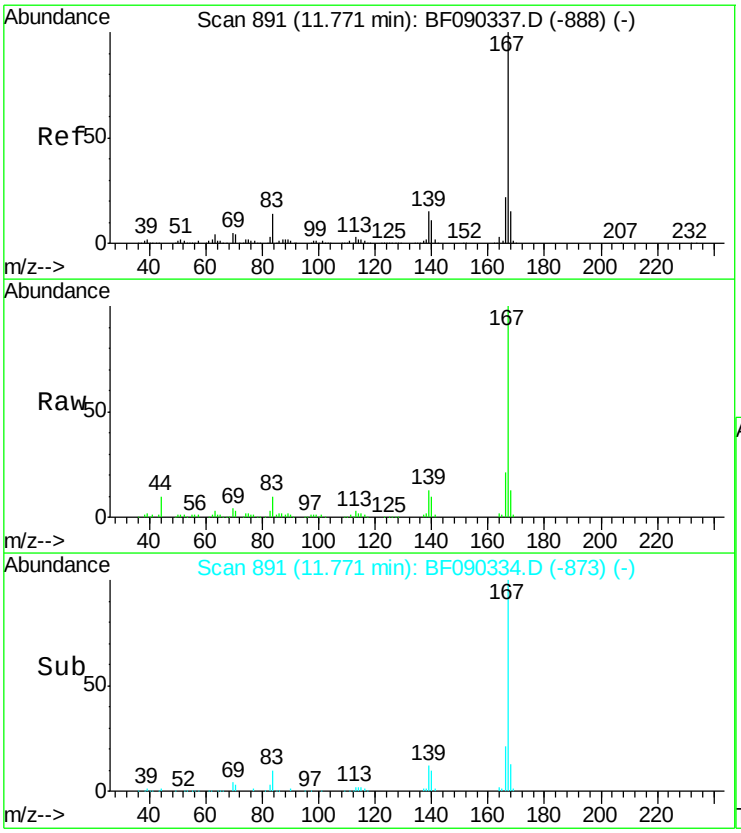
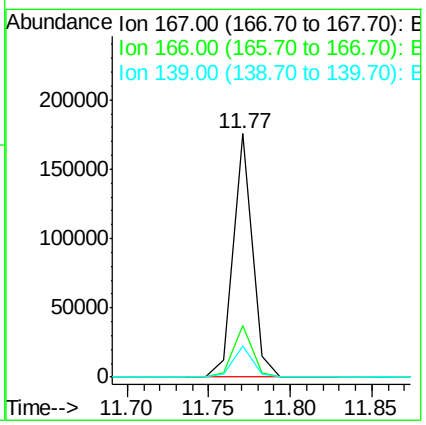
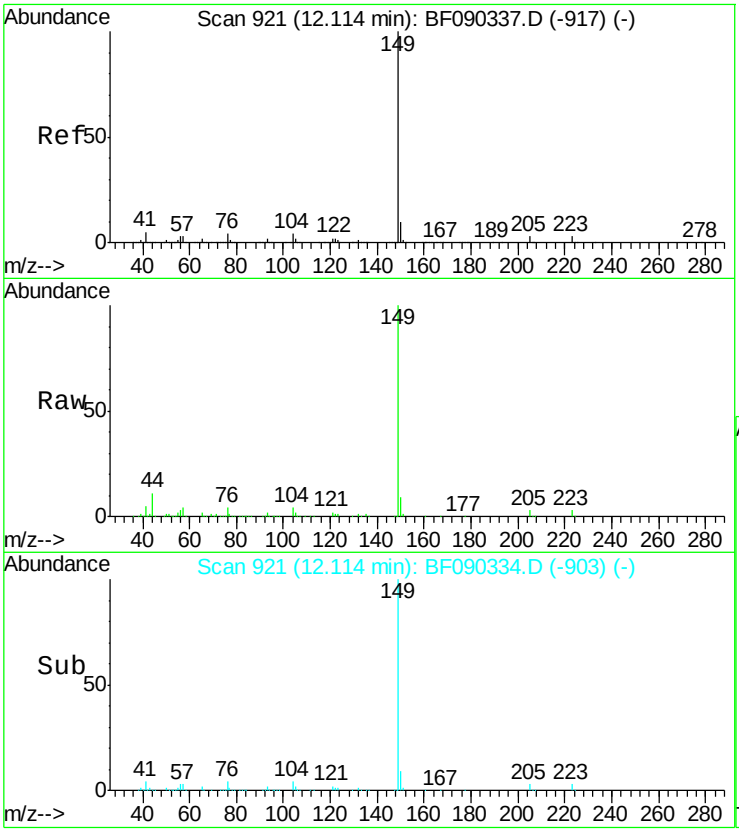


#72
Carbazole
Concen: 2.74 ng
RT: 11.77 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:167 Resp: 139934

Ion	Ratio	Lower	Upper
167	100		
166	21.0	19.1	28.7
139	13.0	12.1	18.1

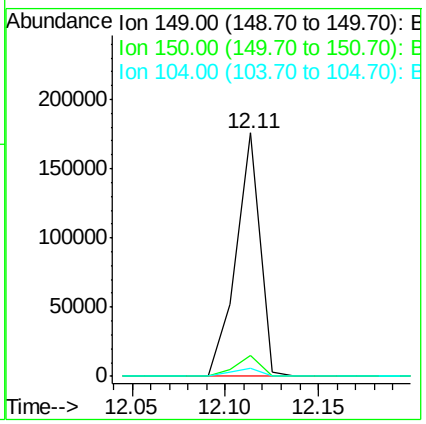




#73
Di-n-butylphthalate
Concen: 2.68 ng
RT: 12.11 min Scan# 921
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:149 Resp: 159274

Ion	Ratio	Lower	Upper
149	100		
150	8.5	8.6	12.8#
104	3.6	4.7	7.1#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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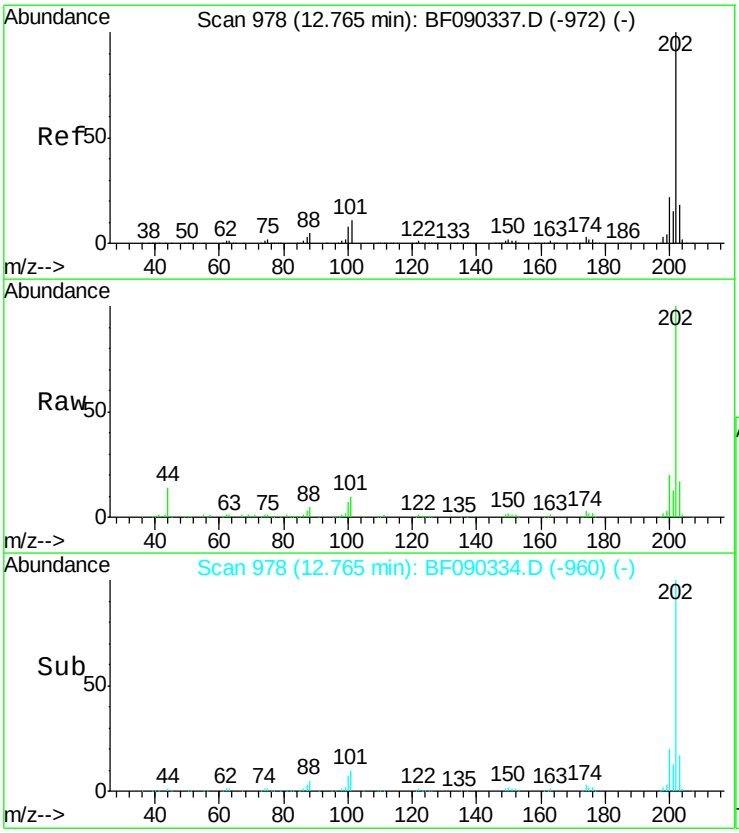
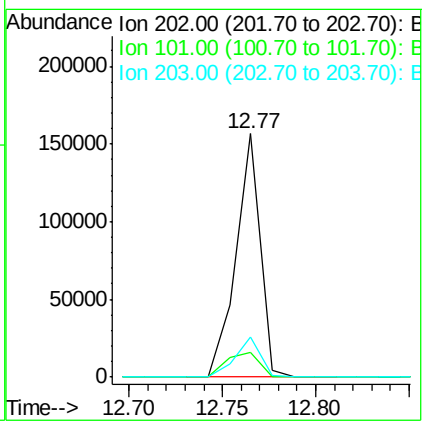
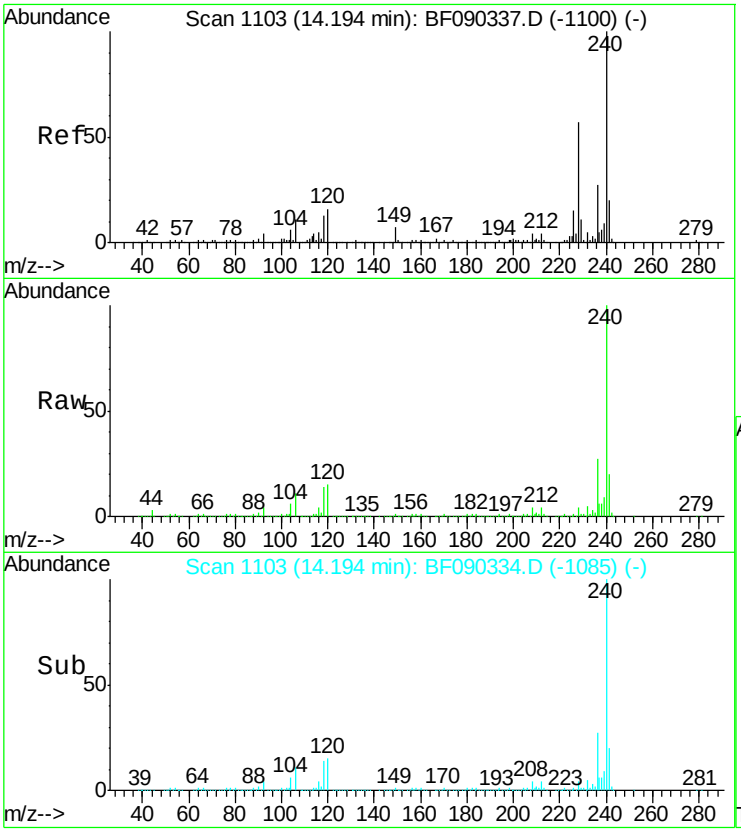


#74
Fluoranthene
Concen: 2.88 ng
RT: 12.77 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:202 Resp: 142713

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	37.2
203	16.5	0.0	39.3





#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:240 Resp: 861427

Ion	Ratio	Lower	Upper
240	100		
120	15.4	8.6	13.0#
236	27.1	21.6	32.4

Instrument :
BNA_F
ClientSampleId :
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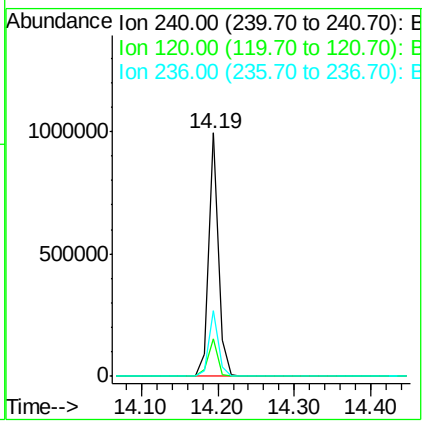
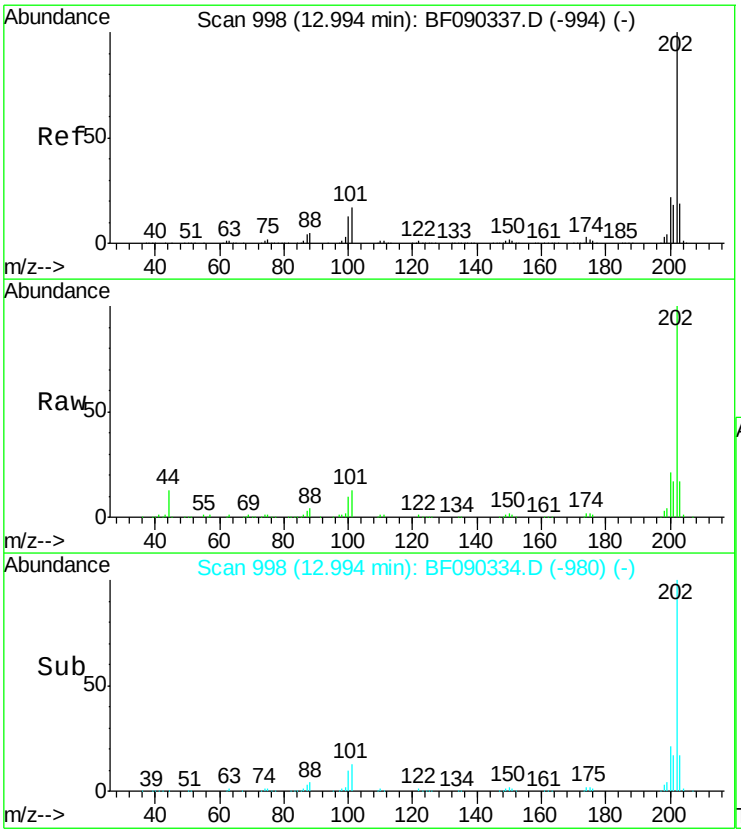
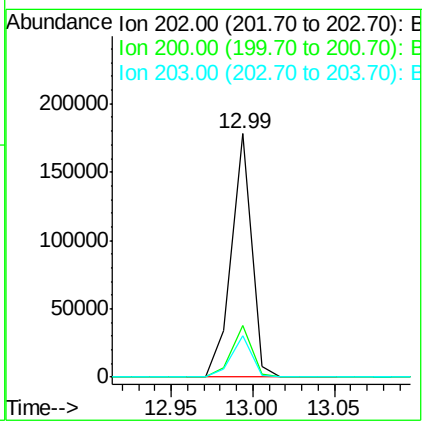


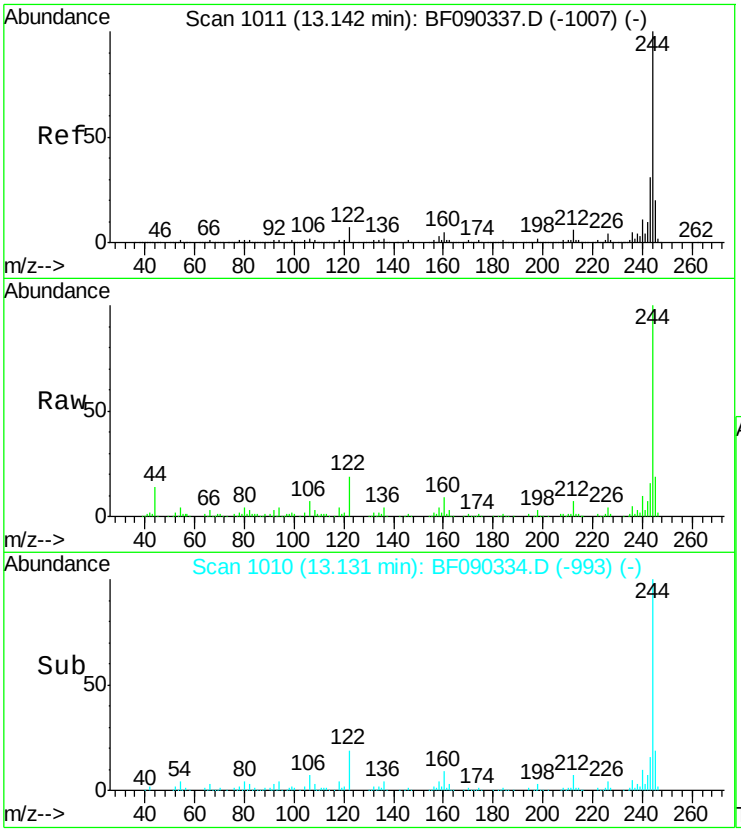


#77
Pyrene
Concen: 2.57 ng
RT: 12.99 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:202 Resp: 151306

Ion	Ratio	Lower	Upper
202	100		
200	20.9	18.5	27.7
203	17.3	15.0	22.6

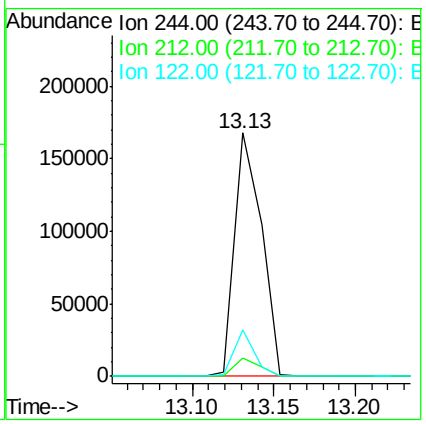




#78
Terphenyl-d14
Concen: 5.59 ng
RT: 13.13 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:244 Resp: 189678

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.8	10.2
122	19.0	13.3	19.9



Instrument :
BNA_F
ClientSampleId :
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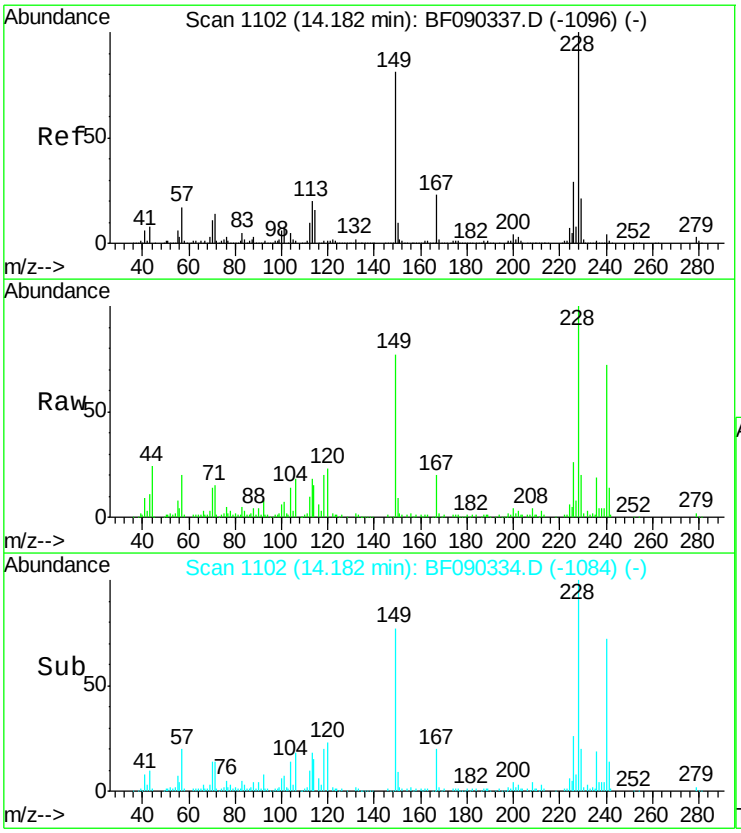
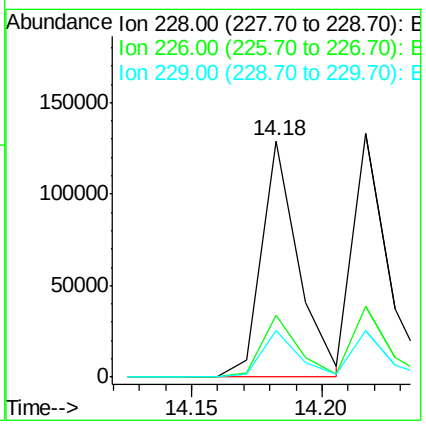
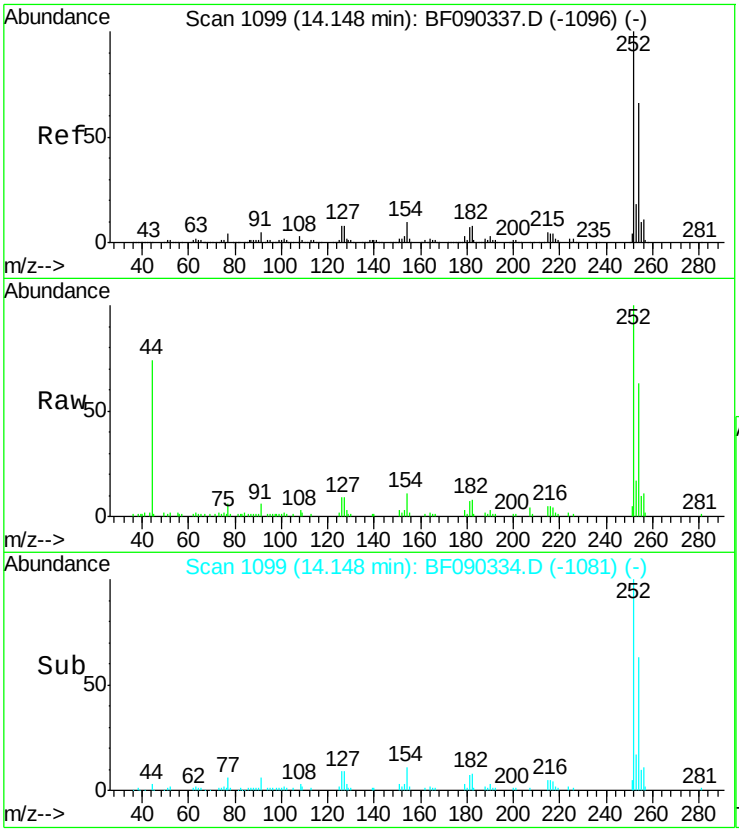


#80
Benzo(a)anthracene
Concen: 2.74 ng
RT: 14.18 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:228 Resp: 127161

Ion	Ratio	Lower	Upper
228	100		
226	26.0	23.6	35.4
229	19.8	16.6	25.0

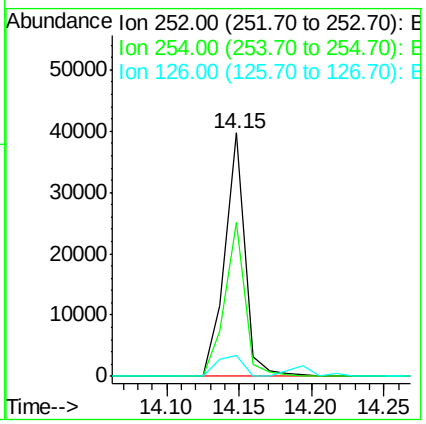




#81
3,3'-Dichlorobenzidine
Concen: 2.01 ng
RT: 14.15 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:252 Resp: 38452

Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.1	78.1
126	8.6	4.2	6.4#



Instrument :
BNA_F
ClientSampleId :
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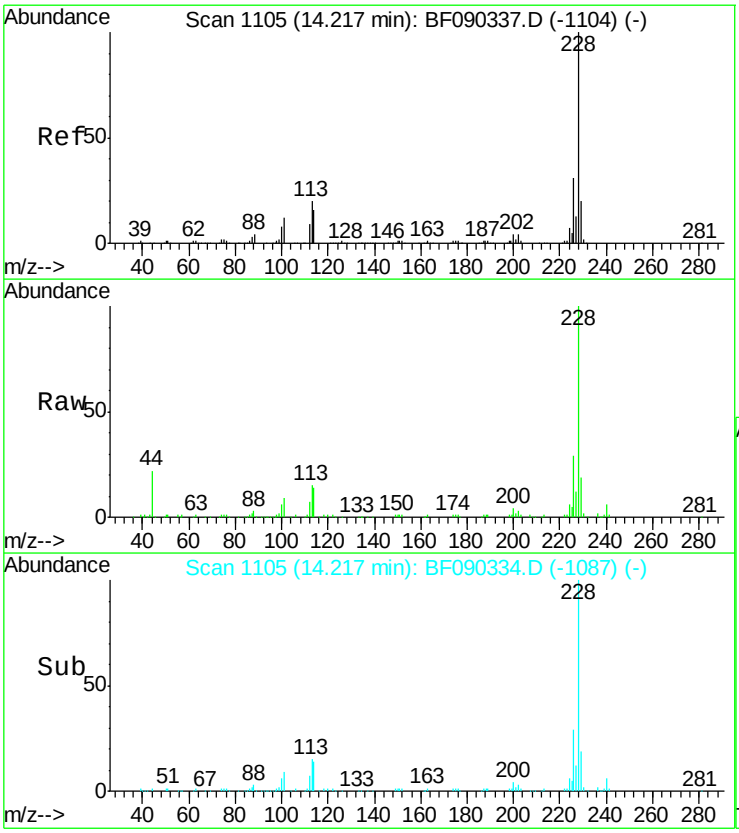
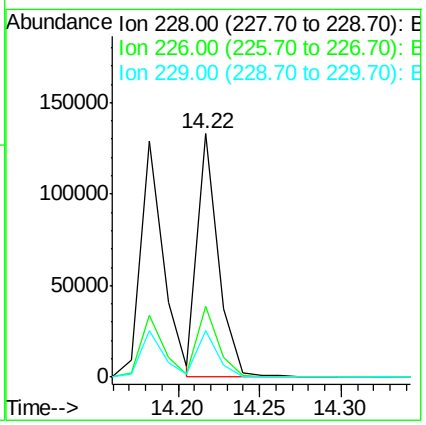
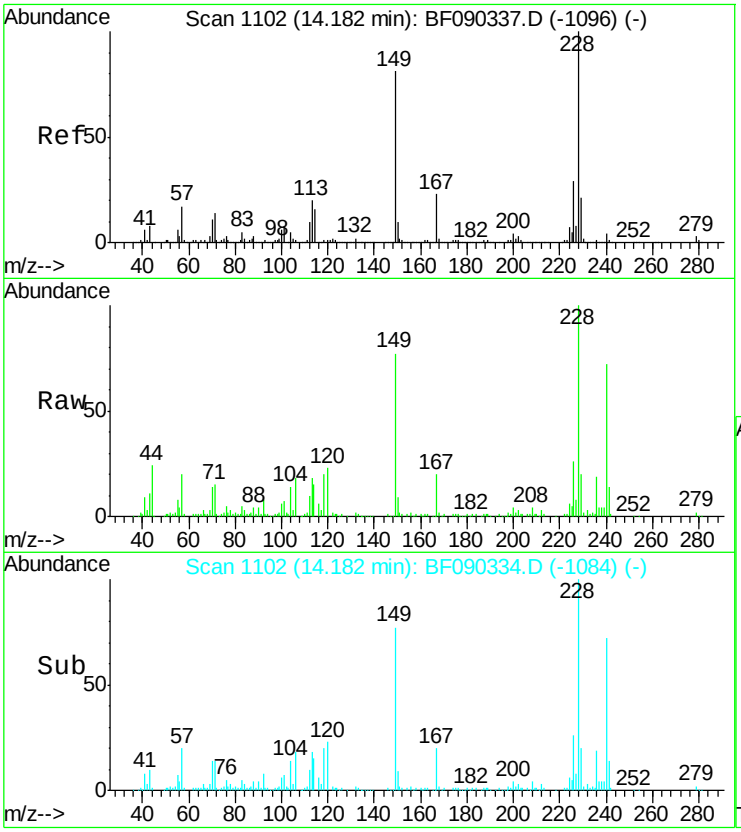


#82
Chrysene
Concen: 2.65 ng
RT: 14.22 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:228 Resp: 119491

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.8	38.6
229	19.2	16.9	25.3





#83
Bis(2-ethylhexyl)phthalate
Concen: 2.29 ng
RT: 14.18 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:149 Resp: 84616

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.5	32.3
279	2.8	2.6	3.8

Instrument :
BNA_F
ClientSampleId :
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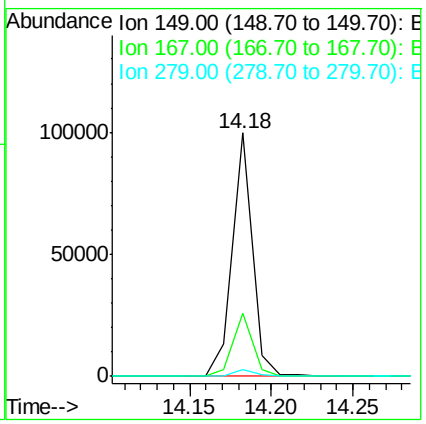
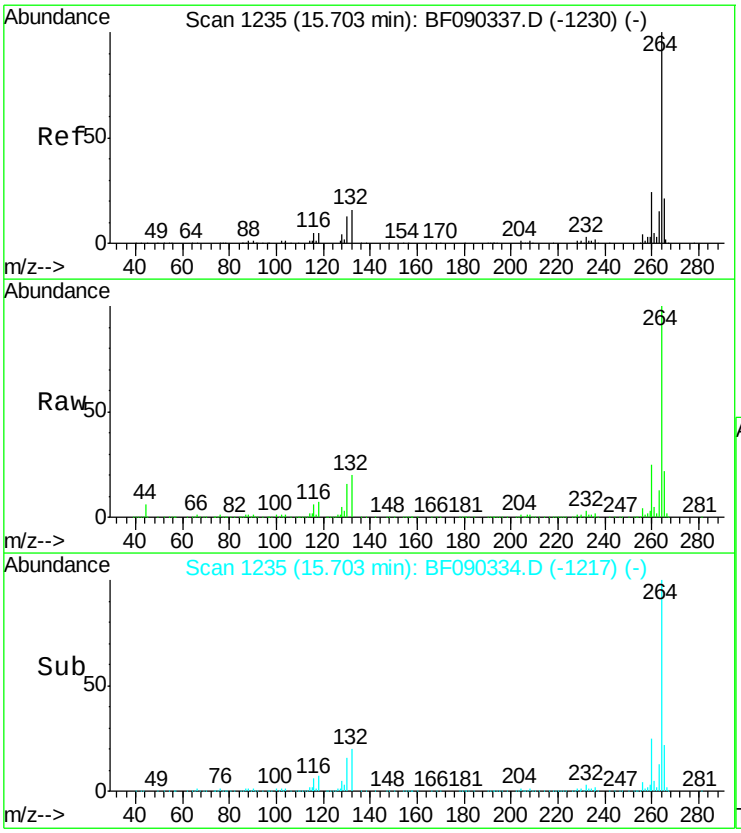
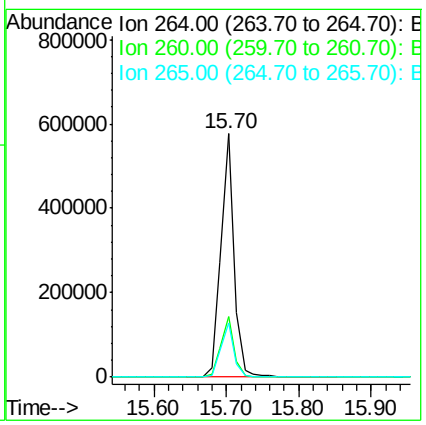


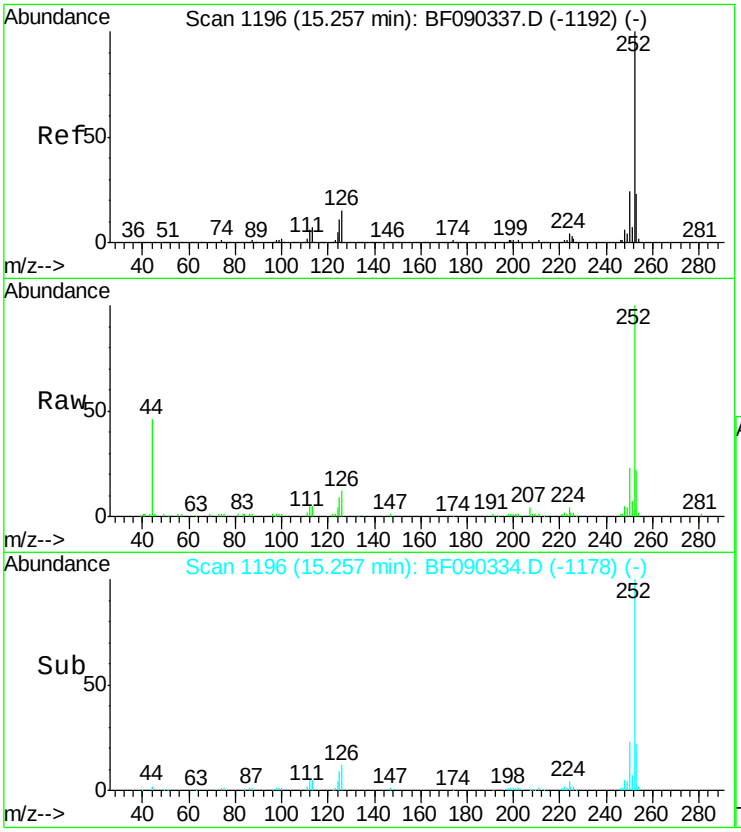


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:264 Resp: 726123

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	22.0	17.4	26.0

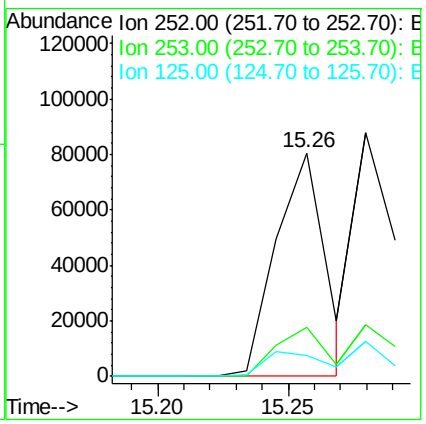




#87
Benzo(b)fluoranthene
Concen: 2.59 ng
RT: 15.26 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:252 Resp: 104228

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	9.2	7.0	10.4



Instrument :
BNA_F
ClientSampleId :
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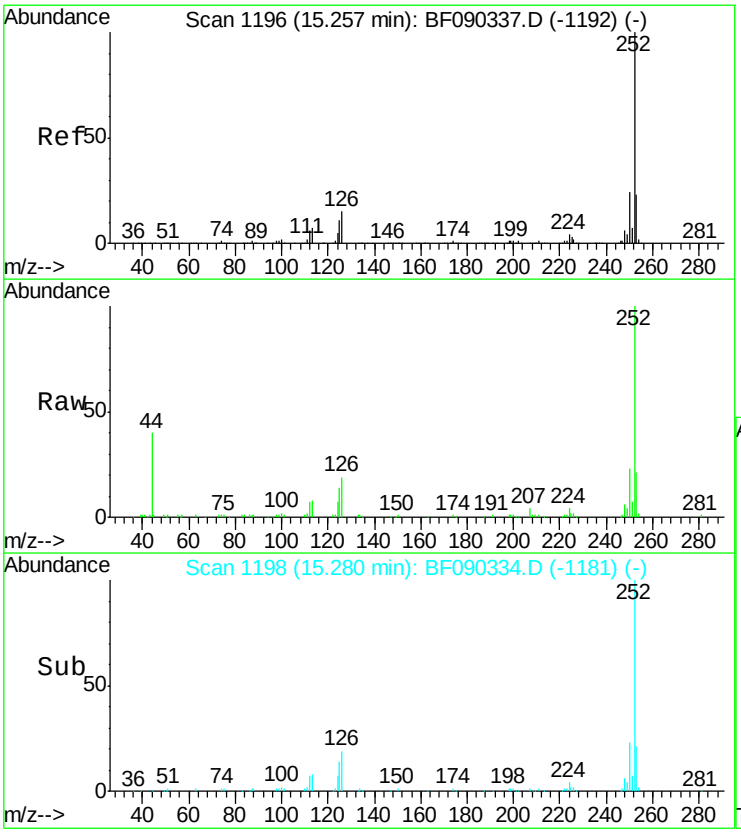
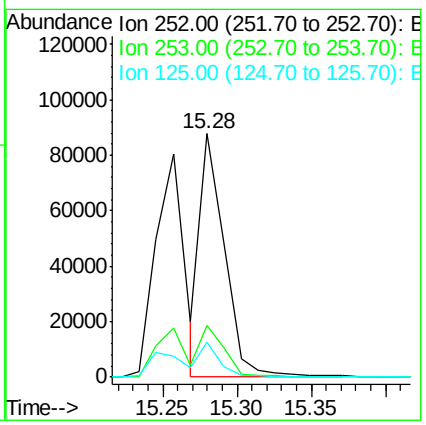
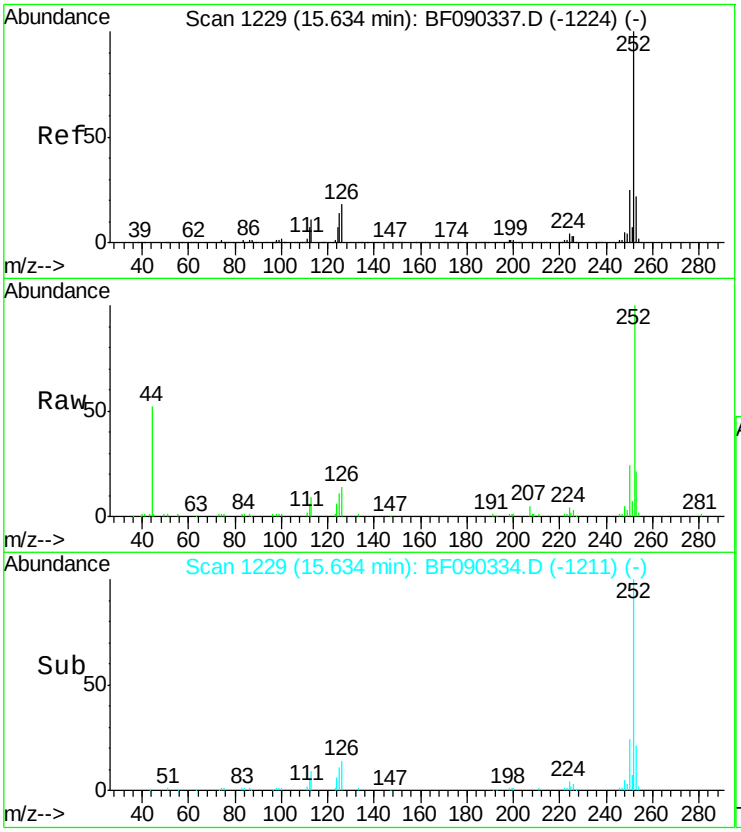


#88
Benzo(k)fluoranthene
Concen: 2.72 ng m
RT: 15.28 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:252 Resp: 102774

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.6	27.8
125	14.3	11.7	17.5

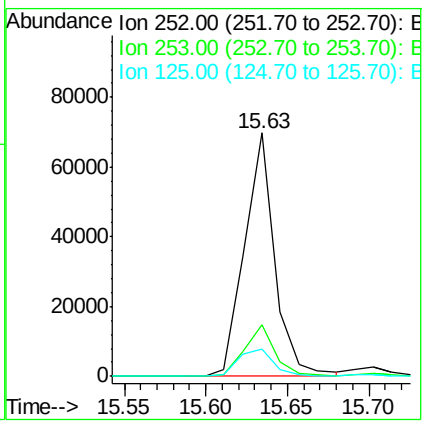




#89
Benzo(a)pyrene
Concen: 2.37 ng
RT: 15.63 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:252 Resp: 89821

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.4
125	11.2	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
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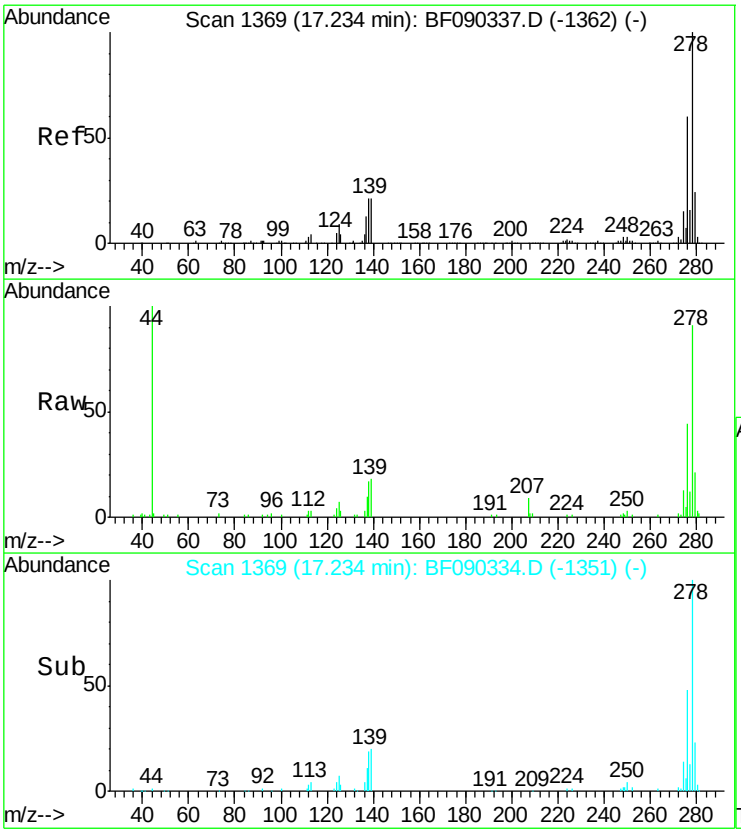
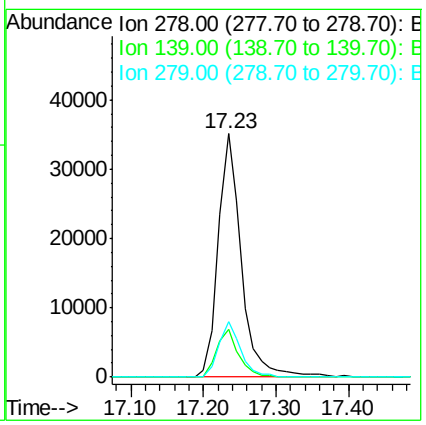
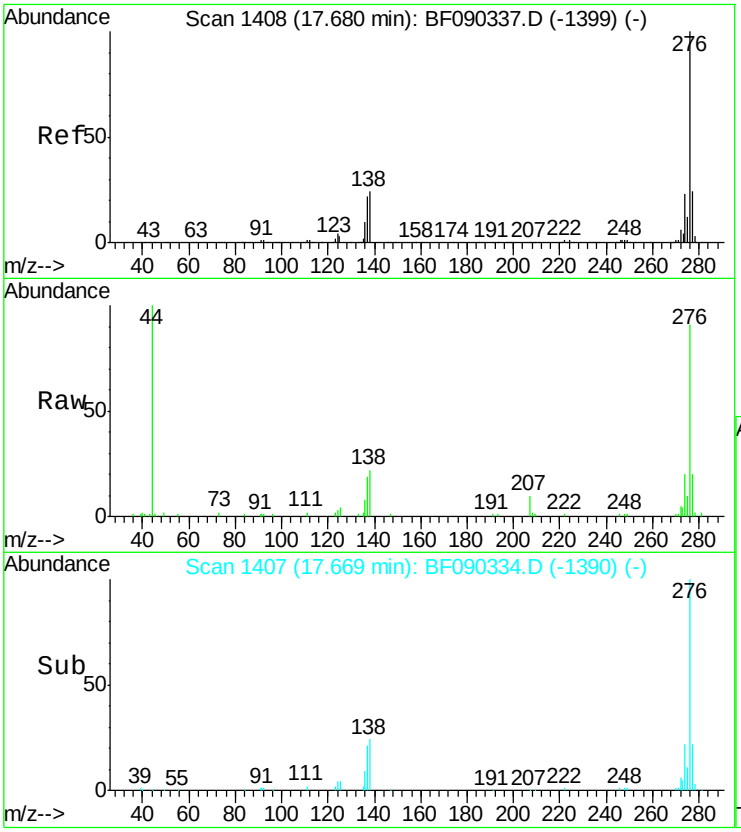


#90
Dibenzo(a,h)anthracene
Concen: 2.64 ng
RT: 17.23 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:278 Resp: 78031

Ion	Ratio	Lower	Upper
278	100		
139	19.7	12.8	19.2#
279	22.7	19.6	29.4

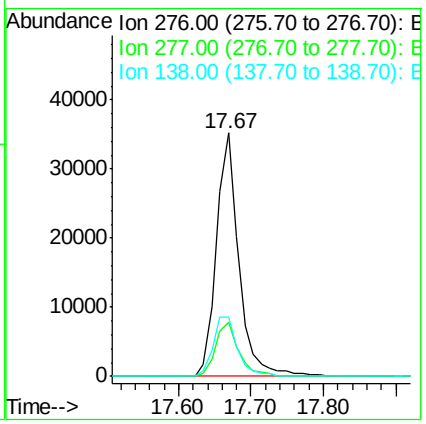




#91
Benzo(g,h,i)perylene
Concen: 2.62 ng
RT: 17.67 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:276 Resp: 75805

Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.4	29.0
138	24.3	20.8	31.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
sohil
10/5/2016 7:26:17 PM