Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087104.D
Acq On : 17 May 2016 15:35
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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Quant Time: May 17 16:40:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 13:03:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	145108	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	613498	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	315354	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	632326	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	533207	20.00	ng		-0.02
86) Perylene-d12	15.10	264	461660	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	38427	4.48	ng		-0.01
7) Phenol-d6	6.26	99	61987	5.41	ng		-0.02
23) Nitrobenzene-d5	7.16	82	69312	5.67	ng		-0.02
41) 2,4,6-Tribromophenol	10.42	330	17664	5.29	ng		-0.02
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.69	244	134756	5.36	ng		-0.02
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	2.68	42	16431	2.20	ng	#	47
6) Aniline	6.26	93	39174	2.83	ng		93
8) 2-Chlorophenol	6.39	128	27661	2.68	ng		94
9) Benzaldehyde	6.15	77	18327	2.76	ng		97
10) Phenol	6.28	94	38805	2.85	ng	#	53
11) bis(2-Chloroethyl)ether	6.33	93	33195	3.13	ng		84
12) 1,3-Dichlorobenzene	6.52	146	30653m	2.74	ng		
13) 1,4-Dichlorobenzene	6.60	146	31788m	2.79	ng		
14) 1,2-Dichlorobenzene	6.76	146	30245	3.04	ng		97
15) Benzyl Alcohol	6.78	79	18166	2.30	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.88	45	66996	2.90	ng		99
17) 2-Methylphenol	6.89	107	21907	2.66	ng	#	82
18) Hexachloroethane	7.10	117	11999	2.79	ng		92
19) n-Nitroso-di-n-propylamine	7.02	70	23895	2.99	ng	#	74
20) 3+4-Methylphenols	7.05	107	27581	2.57	ng	#	68
22) Acetophenone	7.02	105	39315	2.71	ng	#	94
24) Nitrobenzene	7.19	77	39215	3.12	ng		99
25) Isophorone	7.43	82	61048	2.69	ng		96
26) 2-Nitrophenol	7.51	139	12803	2.32	ng	#	64
27) 2,4-Dimethylphenol	7.56	122	27154	2.89	ng		86
28) bis(2-Chloroethoxy)methane	7.64	93	34537	2.82	ng		98
29) 2,4-Dichlorophenol	7.77	162	22066	2.66	ng		99
30) 1,2,4-Trichlorobenzene	7.83	180	26890	2.90	ng		98
31) Naphthalene	7.90	128	88749	2.89	ng		99
33) 4-Chloroaniline	7.98	127	34978	2.93	ng	#	95
34) Hexachlorobutadiene	8.02	225	16007	2.98	ng		96
35) Caprolactam	8.31	113	6421	2.28	ng	#	48
36) 4-Chloro-3-methylphenol	8.48	107	28048	2.79	ng		98
37) 2-Methylnaphthalene	8.59	142	58803	3.27	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	25411	2.77	ng		98
42) 2,4,6-Trichlorophenol	8.89	196	14898	2.43	ng		98
43) 2,4,5-Trichlorophenol	8.95	196	17081	2.69	ng	#	96
45) 1,1'-Biphenyl	9.06	154	75602	3.01	ng		97
46) 2-Chloronaphthalene	9.08	162	54457	2.77	ng		97

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Data File : BF087104.D
Acq On : 17 May 2016 15:35
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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Quant Time: May 17 16:40:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 13:03:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.20	65	17960	2.50	ng		87
48) Acenaphthylene	9.48	152	89213	3.09	ng		99
49) Dimethylphthalate	9.36	163	65322	2.72	ng		98
50) 2,6-Dinitrotoluene	9.43	165	13318	2.63	ng	#	67
51) Acenaphthene	9.66	154	55739	3.10	ng		97
52) 3-Nitroaniline	9.61	138	13581	2.55	ng	#	81
54) Dibenzofuran	9.84	168	73238	3.17	ng		96
56) 2,4-Dinitrotoluene	9.84	165	17402	2.78	ng	#	76
58) 2,3,4,6-Tetrachlorophenol	9.96	232	12242	2.56	ng	#	96
59) Diethylphthalate	10.06	149	63774	2.72	ng		98
61) 4-Nitroaniline	10.22	138	12016	2.35	ng	#	64
62) Azobenzene	10.33	77	78346	3.10	ng		89
65) n-Nitrosodiphenylamine	10.30	169	52352	2.69	ng		98
66) 4-Bromophenyl-phenylether	10.66	248	17556	2.74	ng	#	79
67) Hexachlorobenzene	10.72	284	21445	2.86	ng	#	80
68) Atrazine	10.82	200	17323	2.67	ng		97
70) Phenanthrene	11.13	178	102444	3.04	ng		97
71) Anthracene	11.18	178	99066	2.87	ng		97
72) Carbazole	11.35	167	89359	3.01	ng		98
73) Di-n-butylphthalate	11.68	149	94735	2.61	ng		99
74) Fluoranthene	12.31	202	98427	2.84	ng		100
76) Benzidine	12.46	184	32384	2.38	ng		97
77) Pyrene	12.54	202	107906	2.64	ng		97
79) Butylbenzylphthalate	13.17	149	36037	2.09	ng	#	64
80) Benzo(a)anthracene	13.73	228	91984	3.07	ng		96
81) 3,3'-Dichlorobenzidine	13.70	252	51734	2.72	ng	#	95
82) Chrysene	13.76	228	80460	2.64	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	49218	2.37	ng	#	99
84) Di-n-octyl phthalate	14.34	149	85480	2.48	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.33	276	67027	2.65	ng		94
88) Benzo(k)fluoranthene	14.75	252	57958m	2.36	ng		
89) Benzo(a)pyrene	15.04	252	72439	2.80	ng		100
90) Dibenzo(a,h)anthracene	16.34	278	55687	2.55	ng		96
91) Benzo(g,h,i)perylene	16.70	276	53552	2.42	ng		94

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

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Manual Integrations APPROVED
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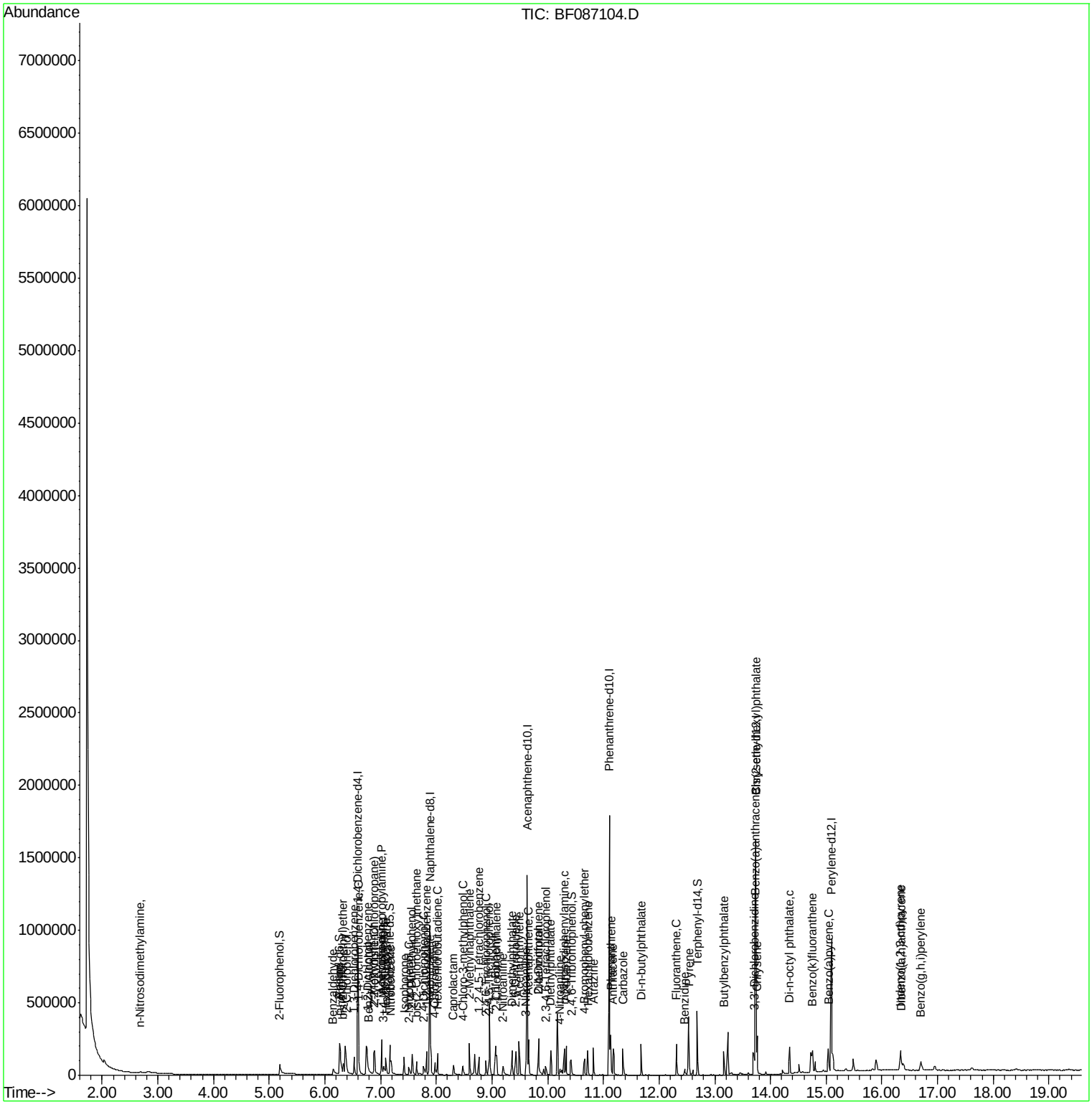
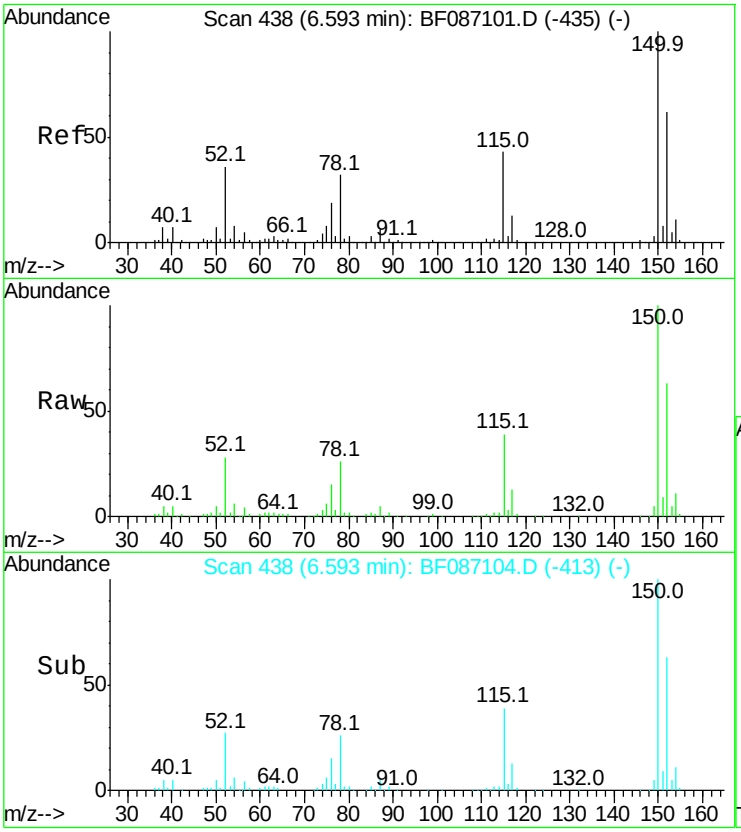
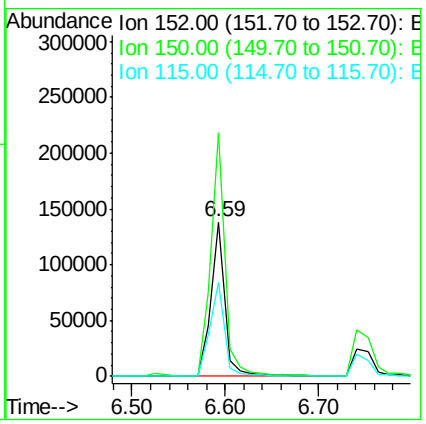




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:152 Resp: 145108

Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.8	188.6
115	61.0	51.5	77.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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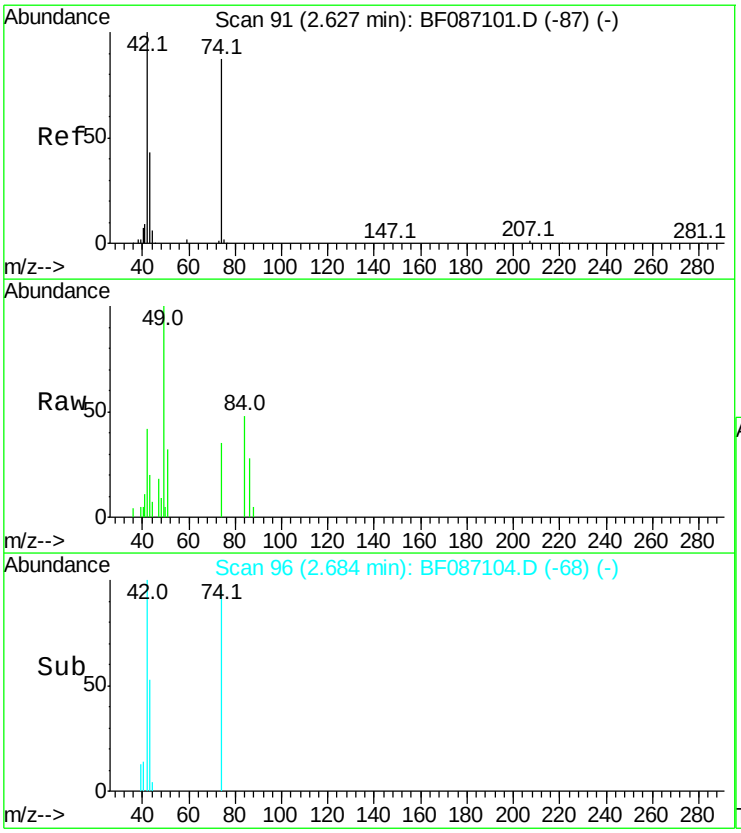
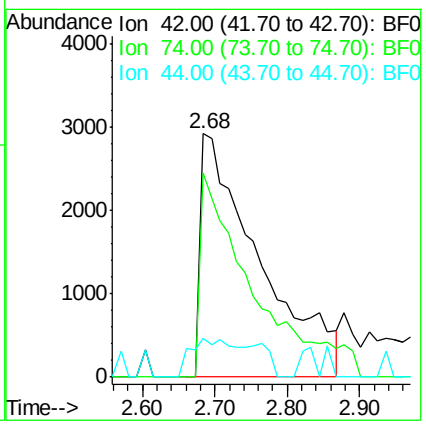
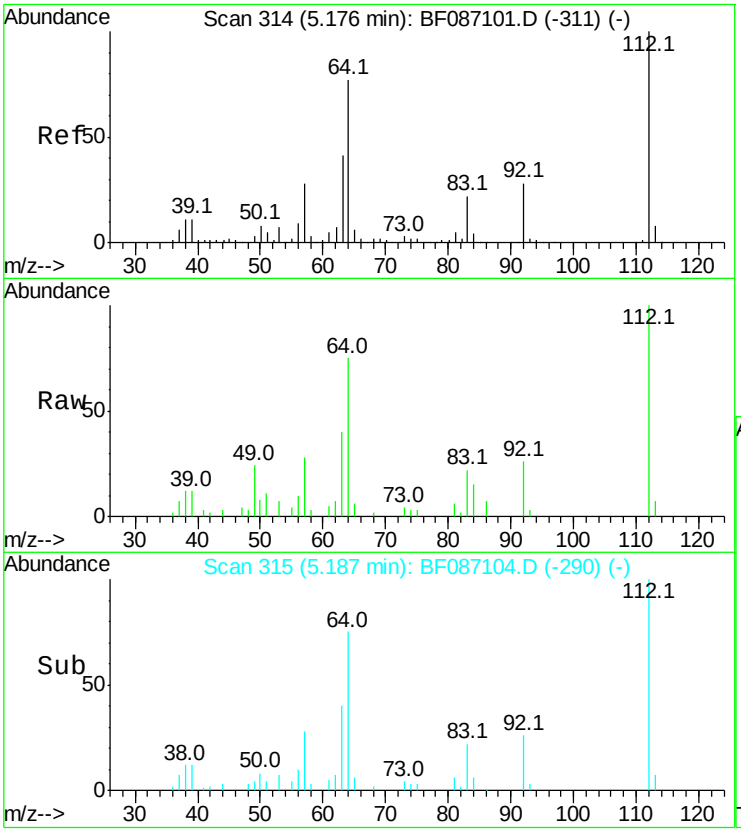


#4
n-Nitrosodimethylamine
Concen: 2.20 ng
RT: 2.68 min Scan# 96
Delta R.T. 0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion: 42 Resp: 16431

Ion	Ratio	Lower	Upper
42	100		
74	84.0	123.4	185.0#
44	16.2	5.8	8.6#

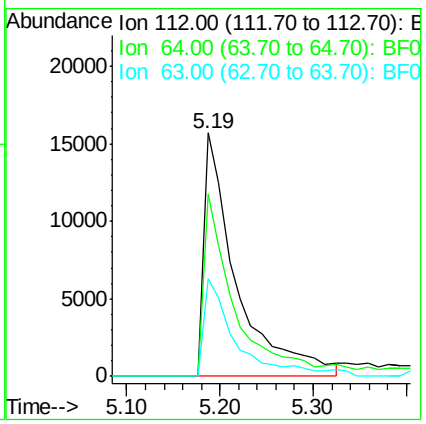




#5
2-Fluorophenol
Concen: 4.48 ng
RT: 5.19 min Scan# 315
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:112 Resp: 38427

Ion	Ratio	Lower	Upper
112	100		
64	74.7	52.1	78.1
63	40.2	25.7	38.5#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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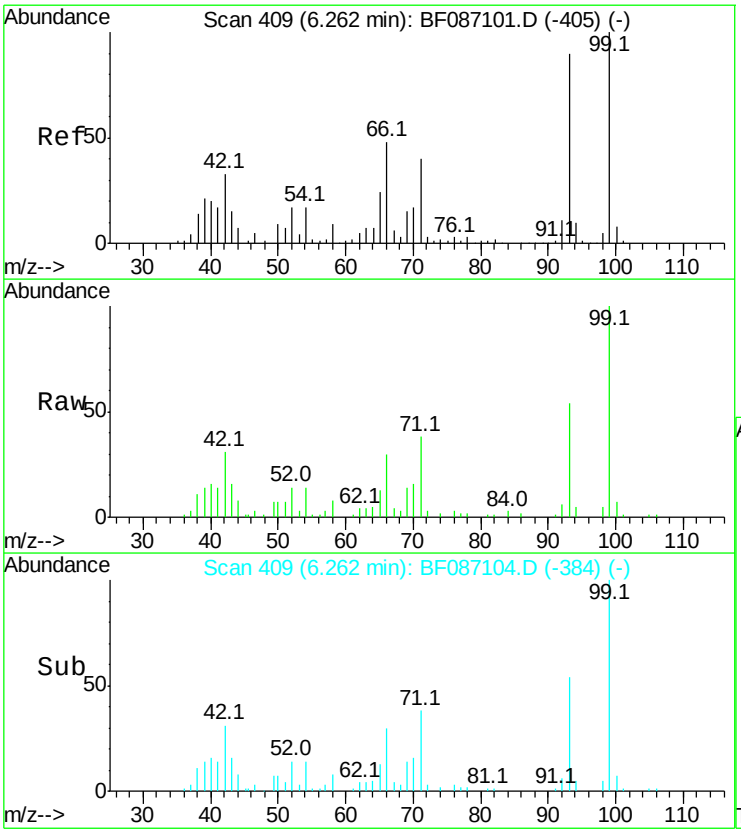
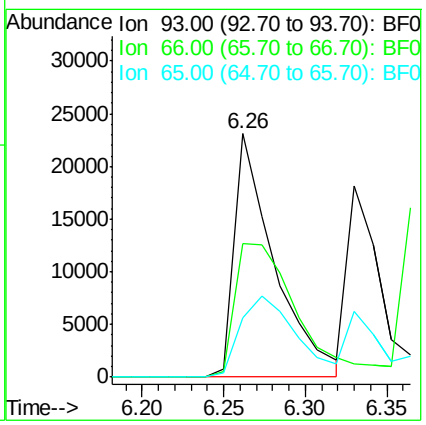
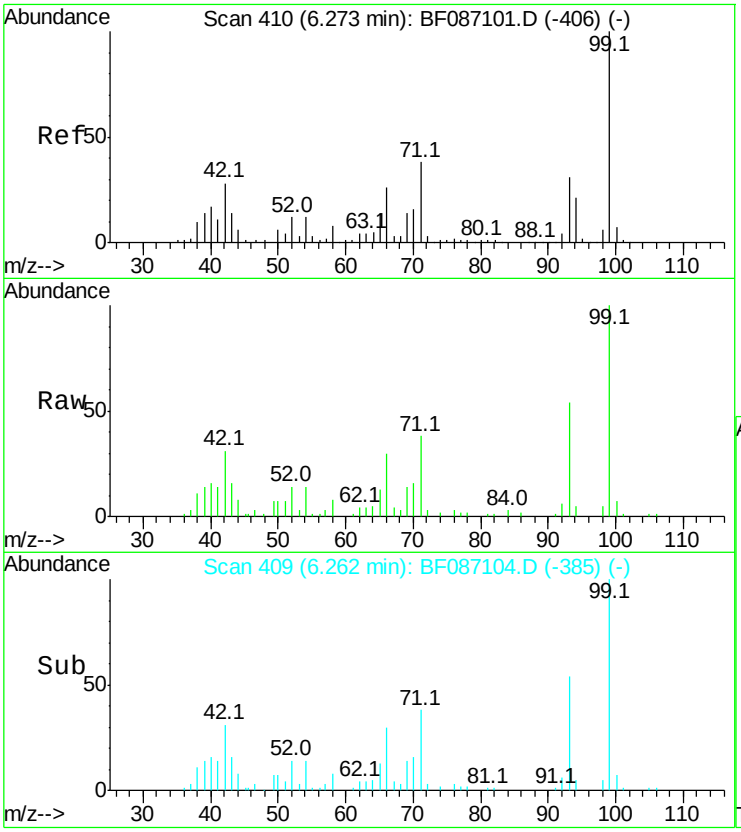


#6
Aniline
Concen: 2.83 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion: 93 Resp: 39174

Ion	Ratio	Lower	Upper
93	100		
66	55.0	39.0	58.6
65	24.5	20.6	31.0

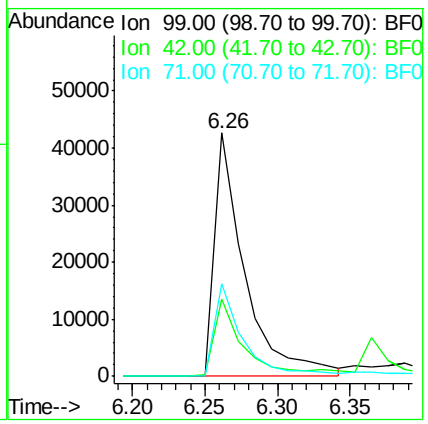




#7
Phenol-d6
Concen: 5.41 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion: 99 Resp: 61987

Ion	Ratio	Lower	Upper
99	100		
42	31.5	13.6	20.4#
71	38.1	24.6	36.8#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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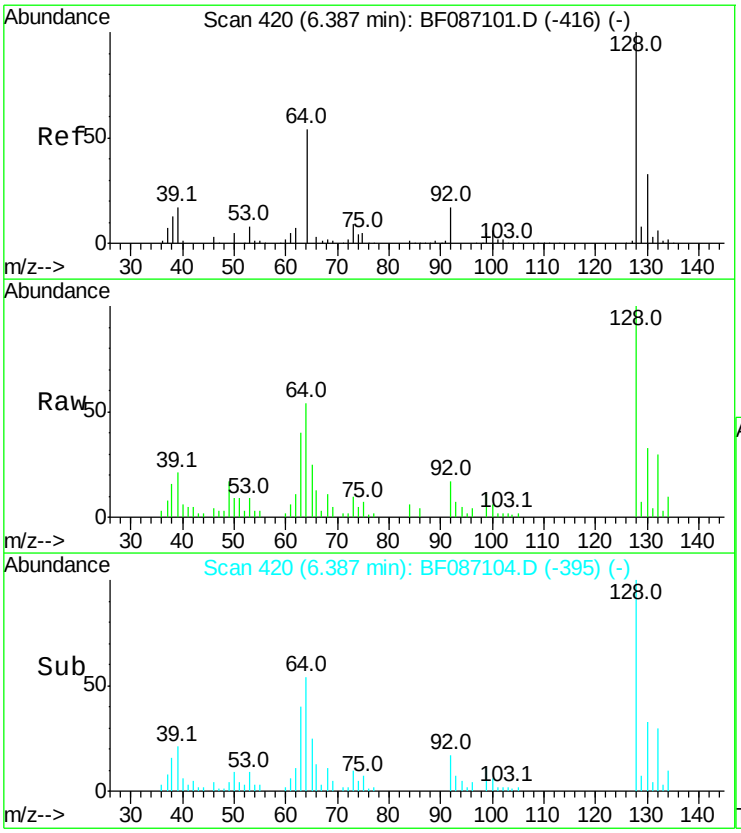
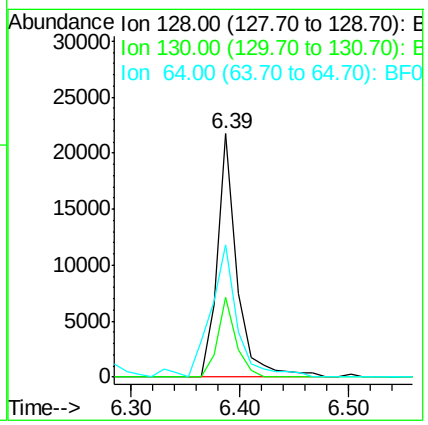
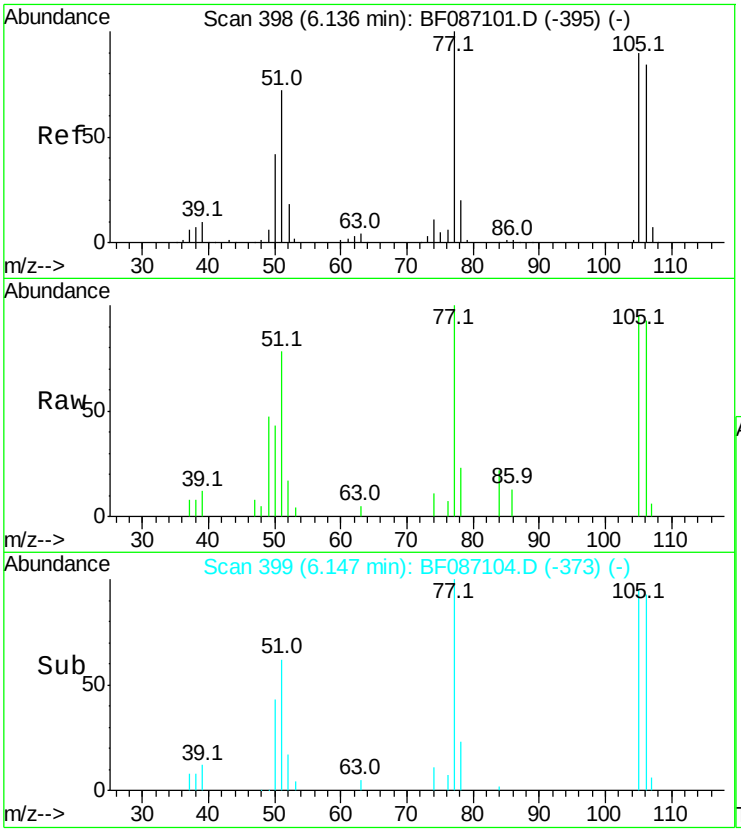


#8
2-Chlorophenol
Concen: 2.68 ng
RT: 6.39 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:128 Resp: 27661

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	54.3	27.3	67.3

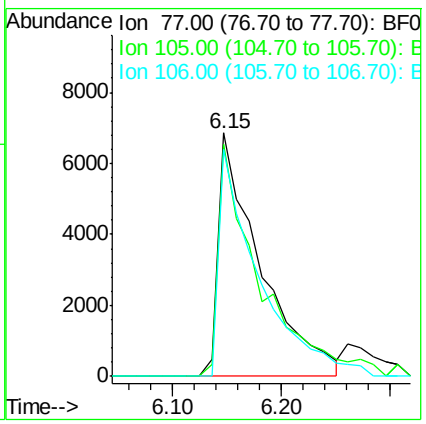




#9
Benzaldehyde
Concen: 2.76 ng
RT: 6.15 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion: 77 Resp: 18327

Ion	Ratio	Lower	Upper
77	100		
105	95.4	72.7	112.7
106	93.3	70.8	110.8



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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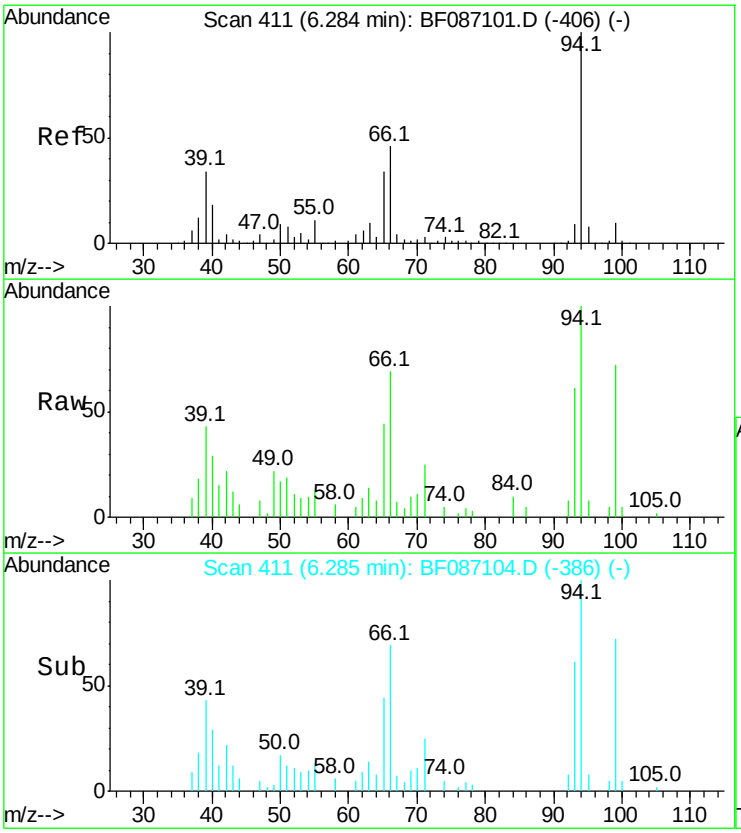
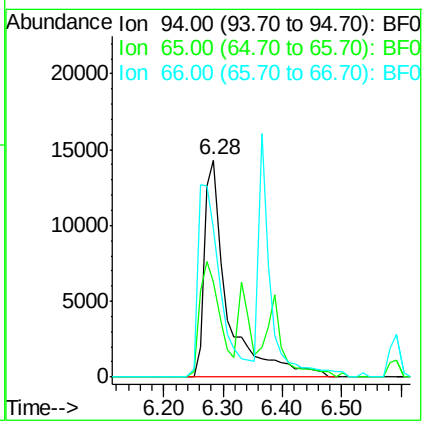
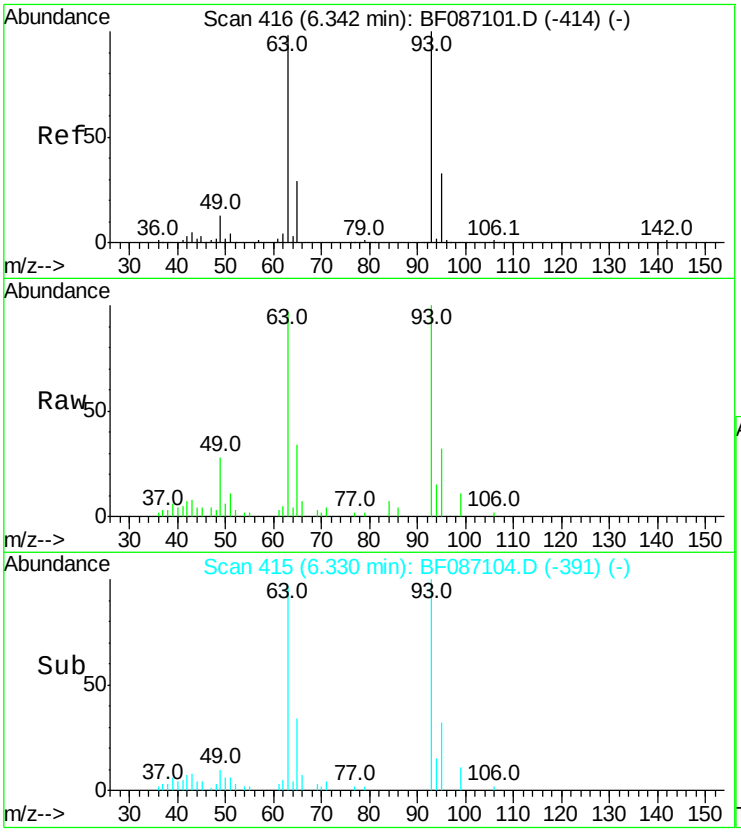


#10
Phenol
Concen: 2.85 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion: 94 Resp: 38805

Ion	Ratio	Lower	Upper
94	100		
65	44.0	7.2	47.2
66	68.7	14.9	54.9#

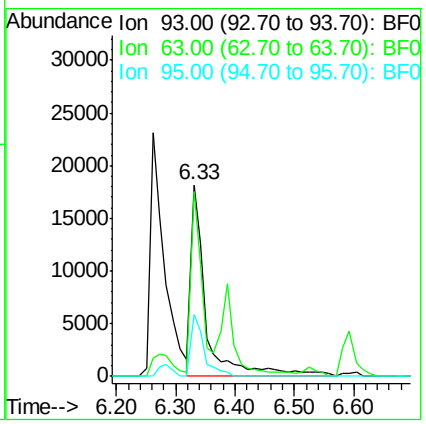




#11
bis(2-Chloroethyl)ether
Concen: 3.13 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion: 93 Resp: 33195

Ion	Ratio	Lower	Upper
93	100		
63	96.7	58.0	98.0
95	32.4	11.9	51.9



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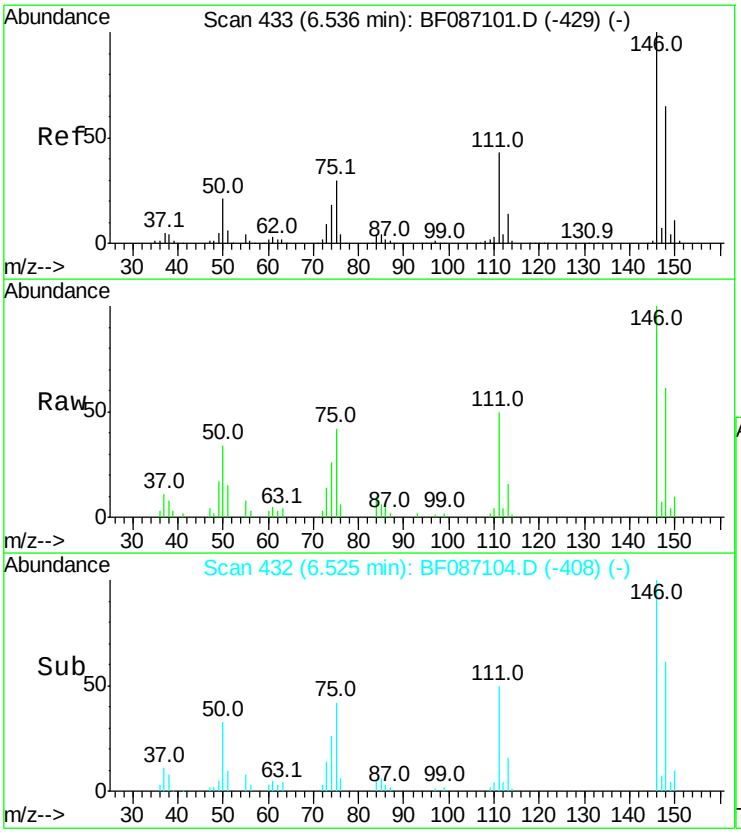
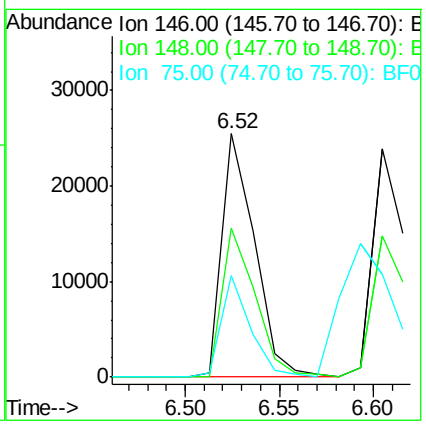
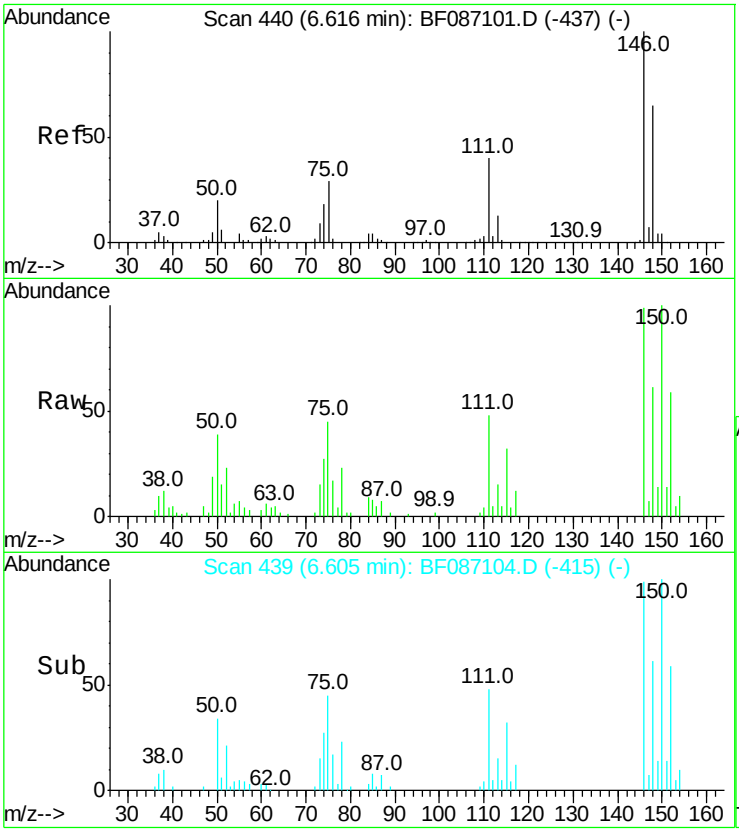


#12
1,3-Dichlorobenzene
Concen: 2.74 ng m
RT: 6.52 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:146 Resp: 30653

Ion	Ratio	Lower	Upper
146	100		
148	61.2	52.4	78.6
75	41.9	22.8	34.2#

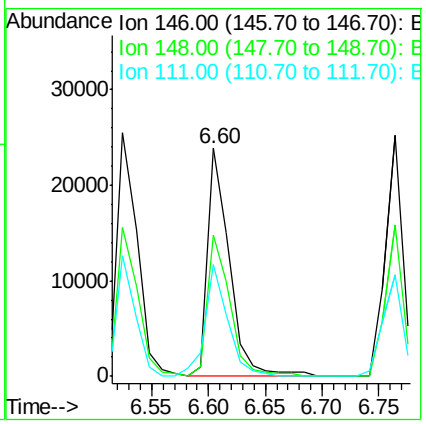




#13
1,4-Dichlorobenzene
Concen: 2.79 ng m
RT: 6.60 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:146 Resp: 31788

Ion	Ratio	Lower	Upper
146	100		
148	61.7	52.2	78.4
111	48.8	30.7	46.1#



Instrument :
BNA_F
ClientSampleId :
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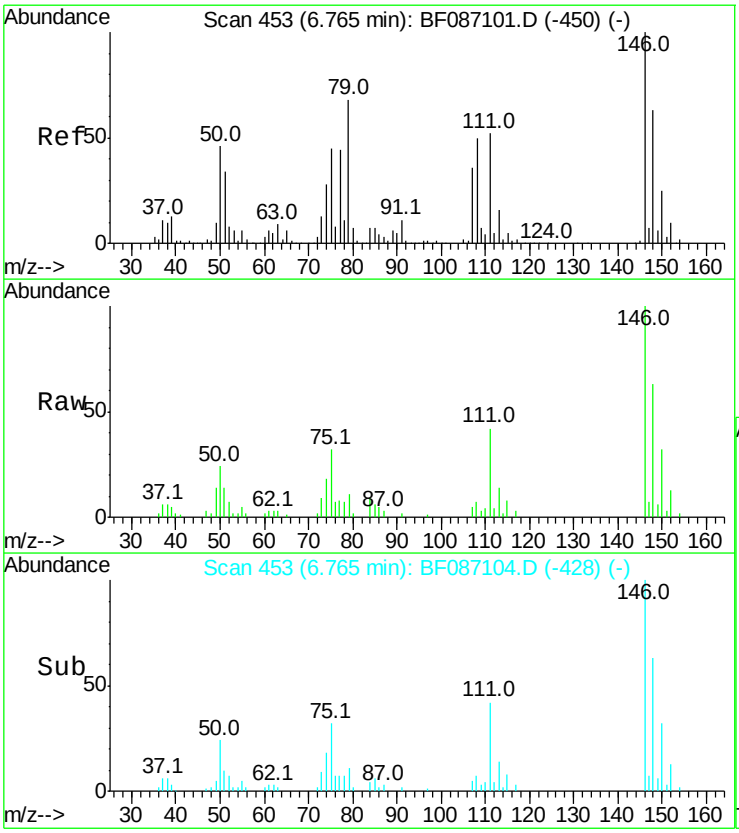
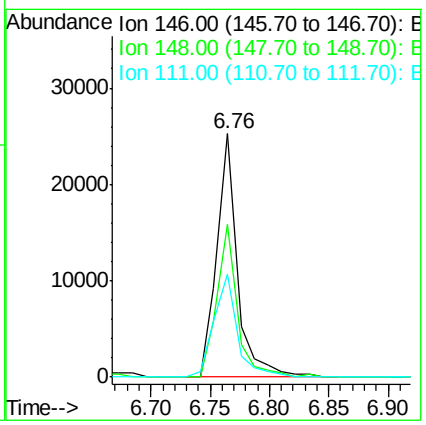
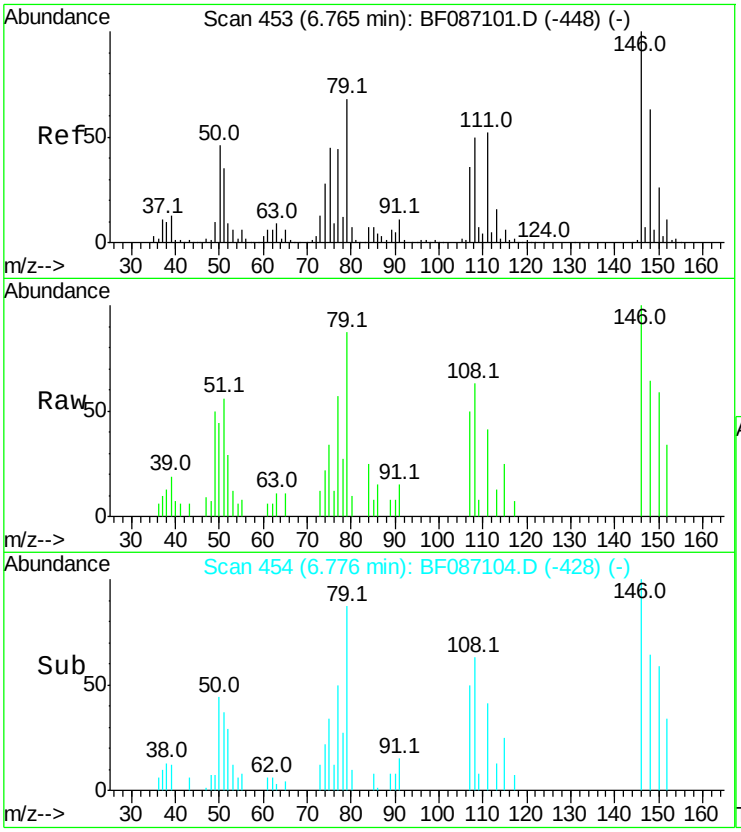


#14
1,2-Dichlorobenzene
Concen: 3.04 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:146 Resp: 30245

Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.0	76.6
111	42.3	36.2	54.4

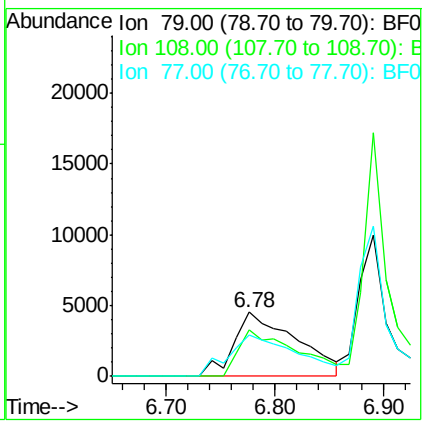




#15
Benzyl Alcohol
Concen: 2.30 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion: 79 Resp: 18166

Ion	Ratio	Lower	Upper
79	100		
108	72.7	68.4	102.6
77	65.2	50.6	76.0



Instrument :
BNA_F
ClientSampleId :
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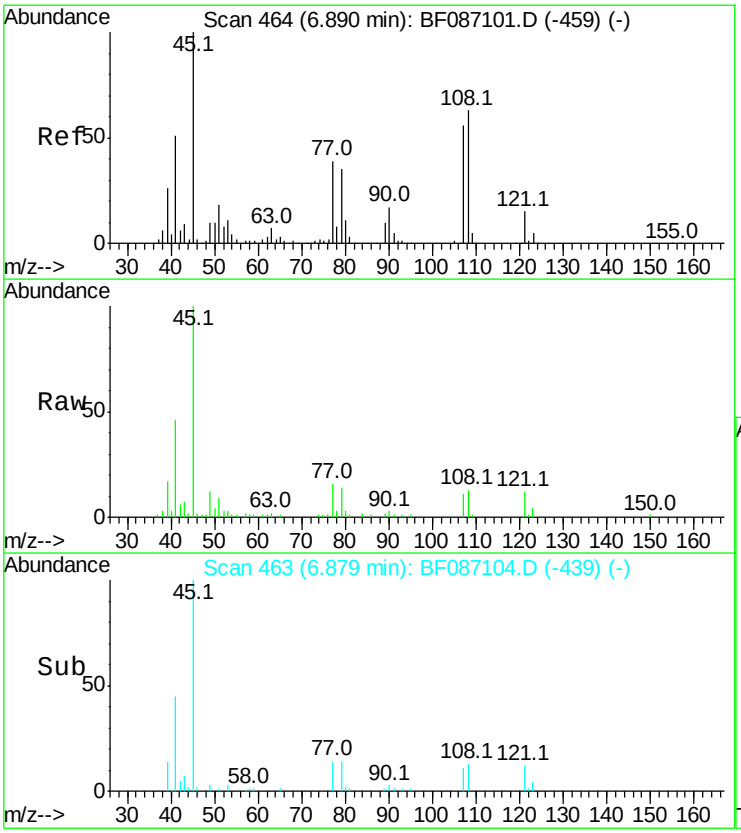
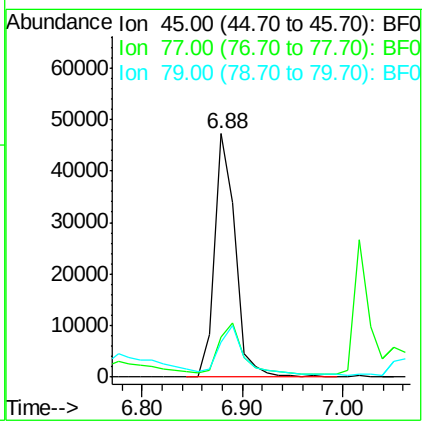
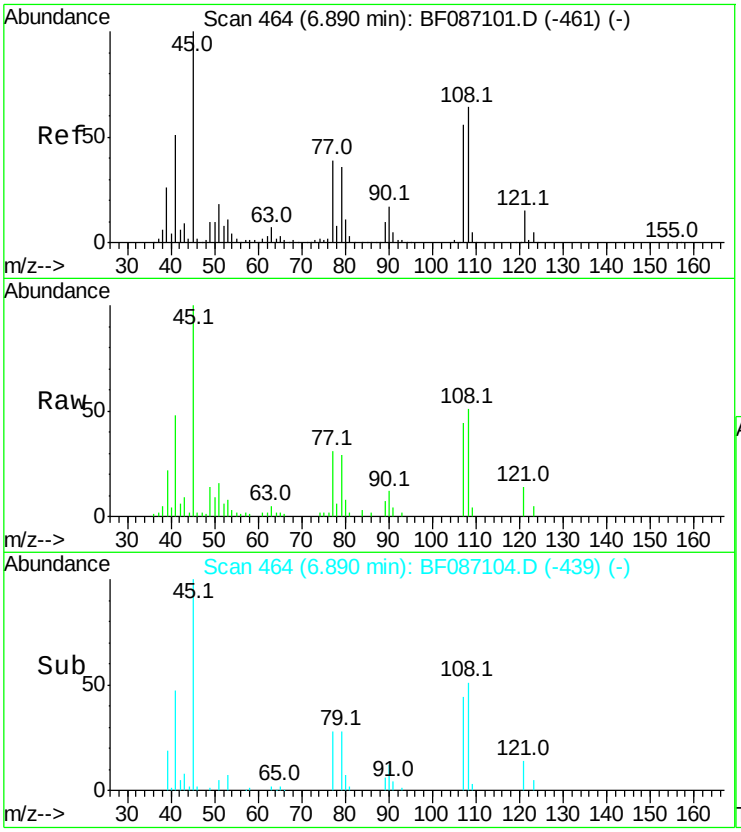


#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.90 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion: 45 Resp: 66996

Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	36.4
79	14.5	0.0	33.4

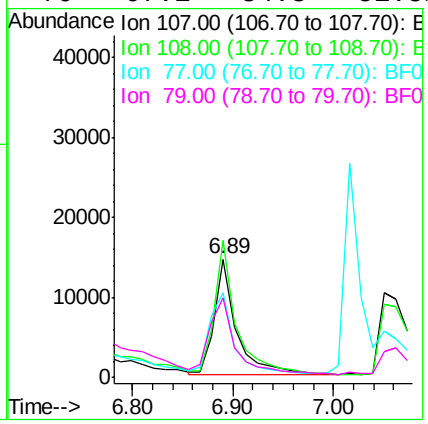




#17
2-Methylphenol
Concen: 2.66 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:107 Resp: 21907

Ion	Ratio	Lower	Upper
107	100		
108	116.1	93.7	140.5
77	71.6	33.4	50.0#
79	67.1	34.3	51.5#



Instrument :
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ClientSampleId :
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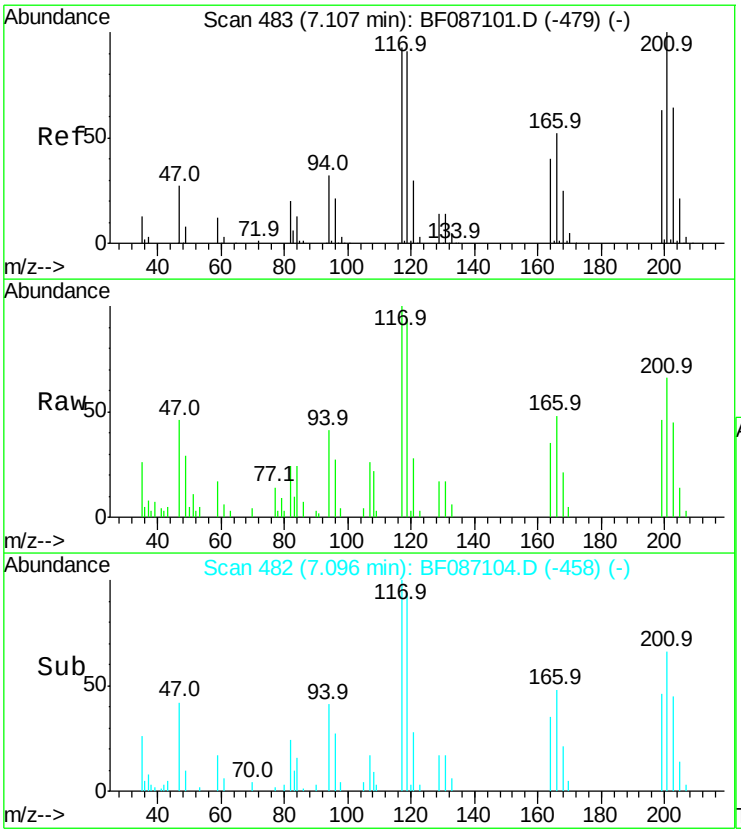
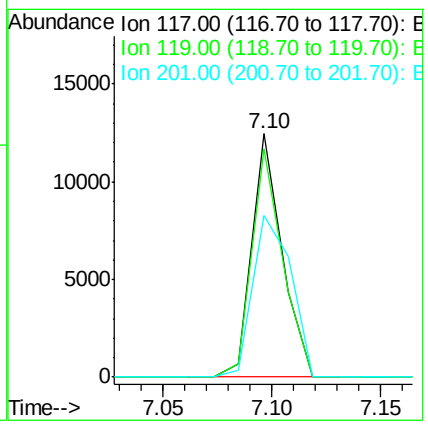
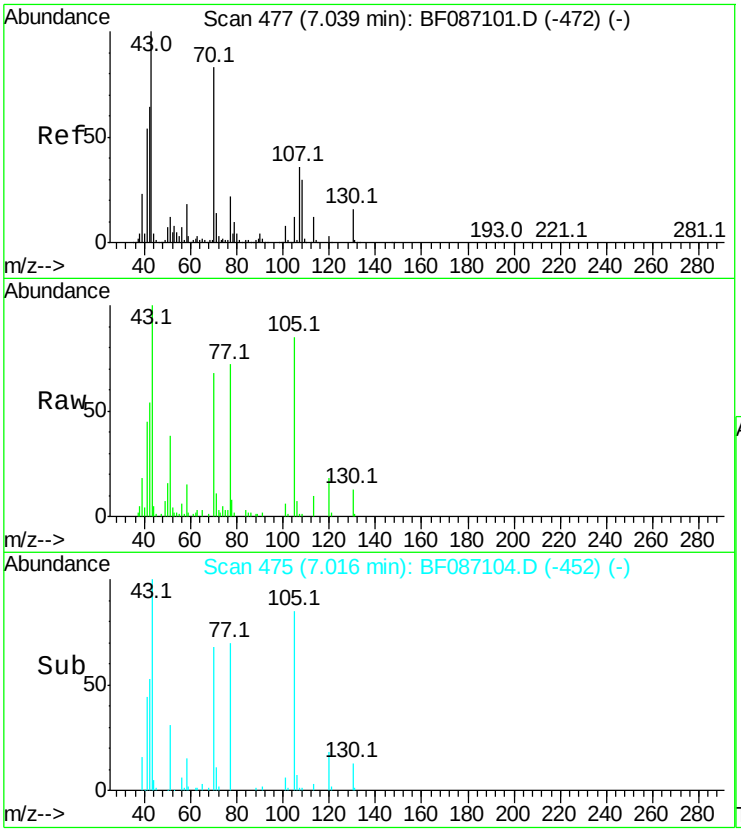


#18
Hexachloroethane
Concen: 2.79 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:117 Resp: 11999

Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.5	114.7
201	66.4	63.0	94.6

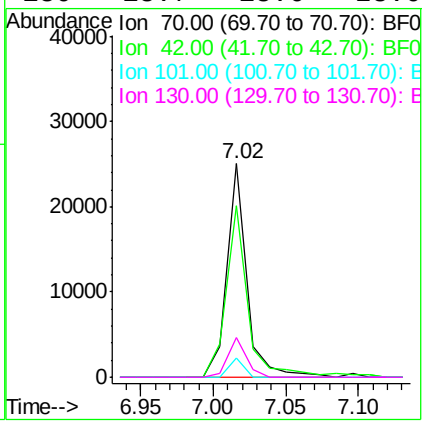




#19
n-Nitroso-di-n-propylamine
Concen: 2.99 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion: 70 Resp: 23895

Ion	Ratio	Lower	Upper
70	100		
42	80.4	43.1	64.7#
101	8.9	8.1	12.1
130	18.7	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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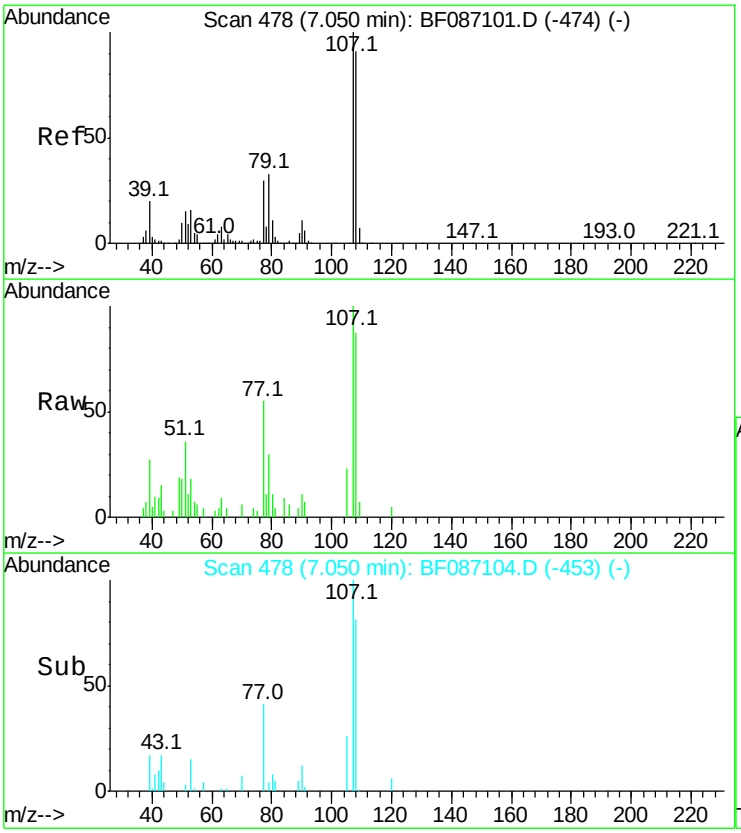
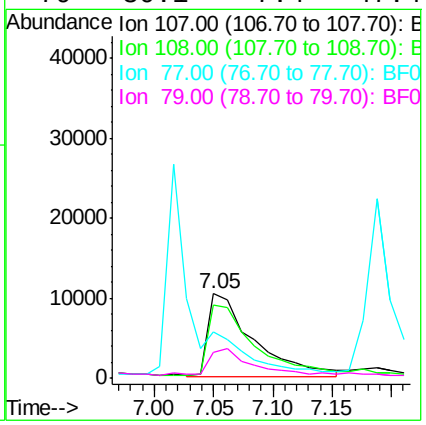
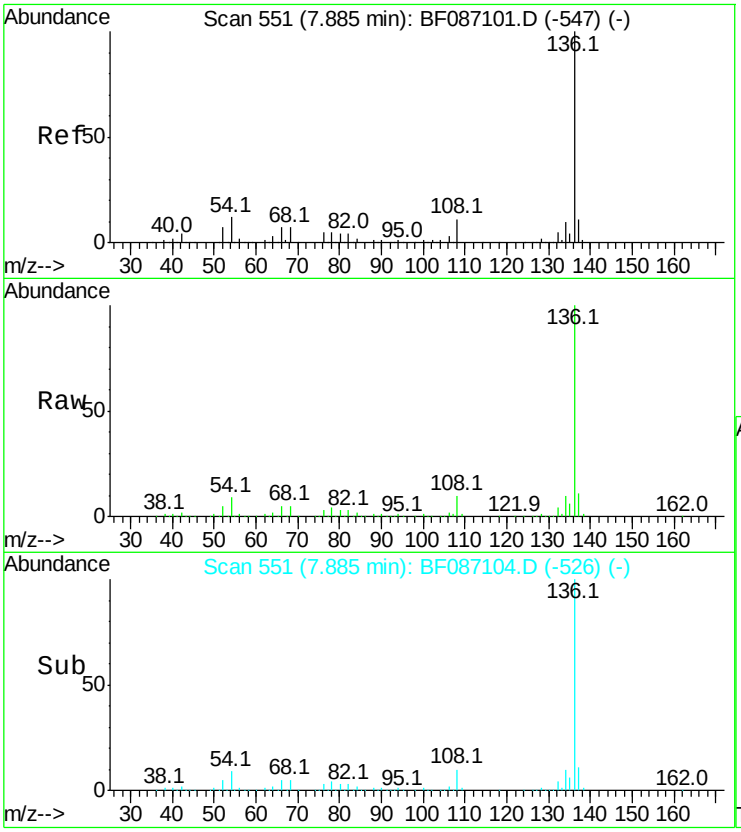


#20
3+4-Methylphenols
Concen: 2.57 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:107 Resp: 27581

Ion	Ratio	Lower	Upper
107	100		
108	86.9	68.5	108.5
77	54.7	101.6	141.6#
79	30.1	7.4	47.4

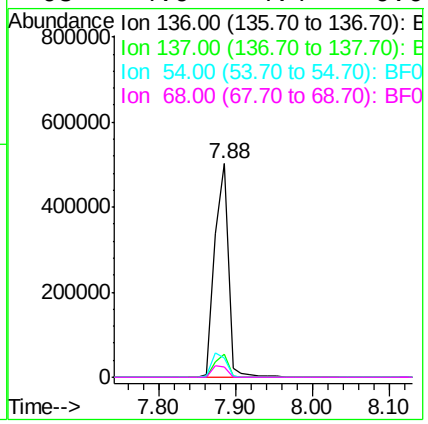




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:136 Resp: 613498

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.7	5.0	7.4#
68	4.9	4.4	6.6



Instrument :
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ClientSampleId :
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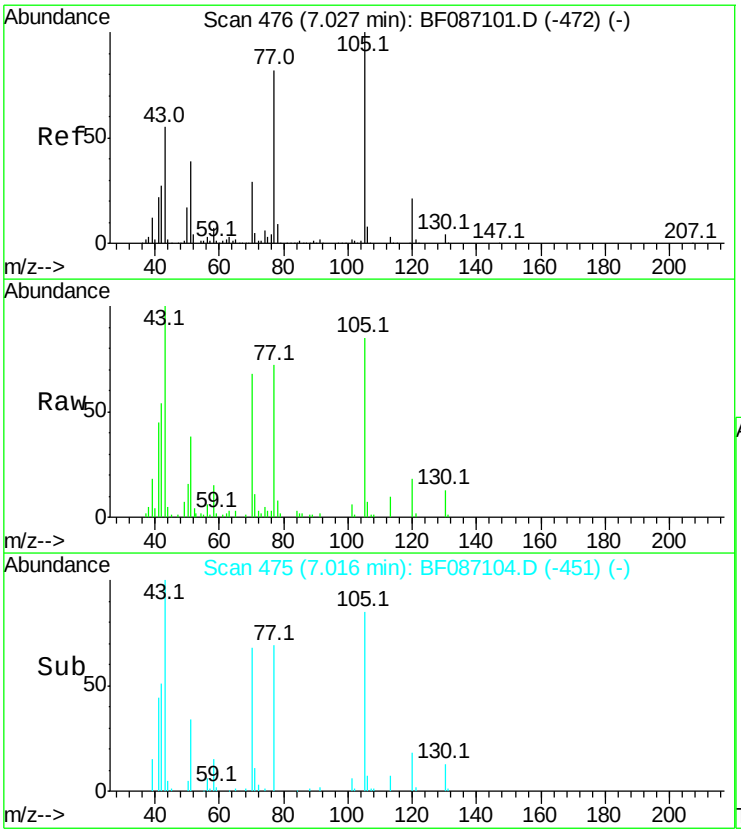
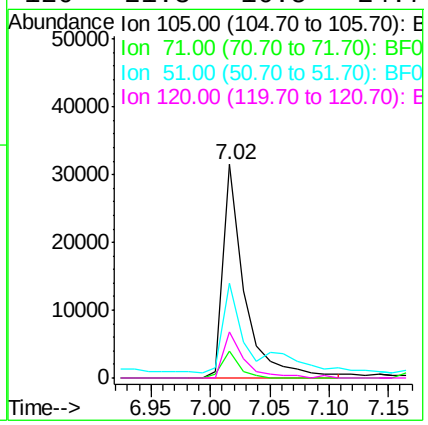
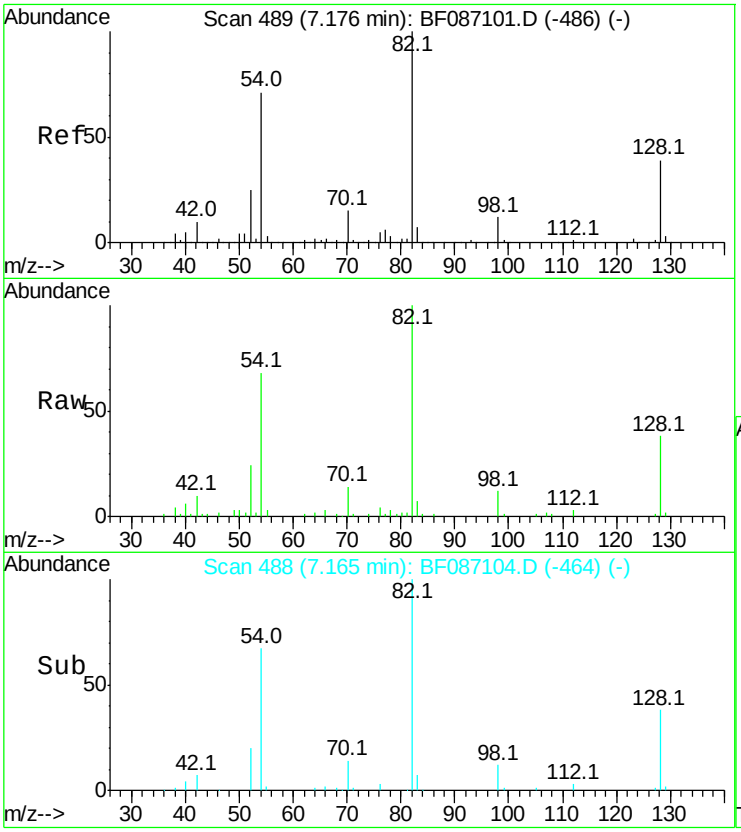


#22
Acetophenone
Concen: 2.71 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:105 Resp: 39315

Ion	Ratio	Lower	Upper
105	100		
71	12.7	4.8	7.2#
51	44.2	32.6	49.0
120	21.3	16.5	24.7

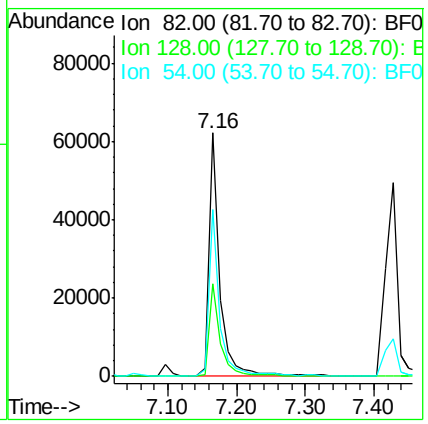




#23
Nitrobenzene-d5
Concen: 5.67 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion: 82 Resp: 69312

Ion	Ratio	Lower	Upper
82	100		
128	37.8	40.6	61.0#
54	68.5	38.1	57.1#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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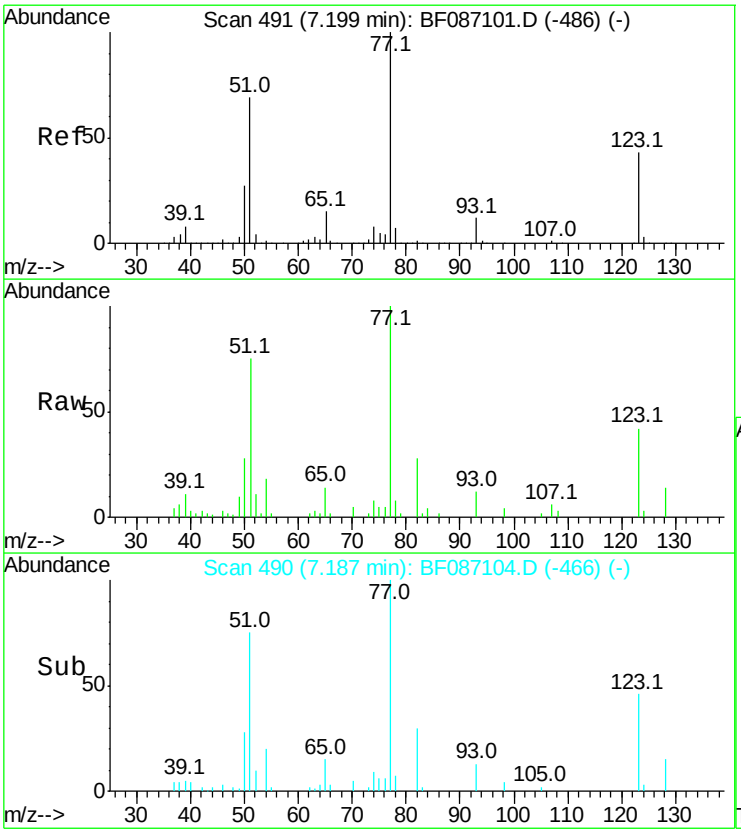
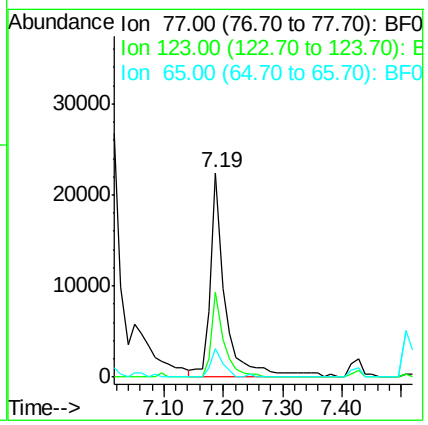
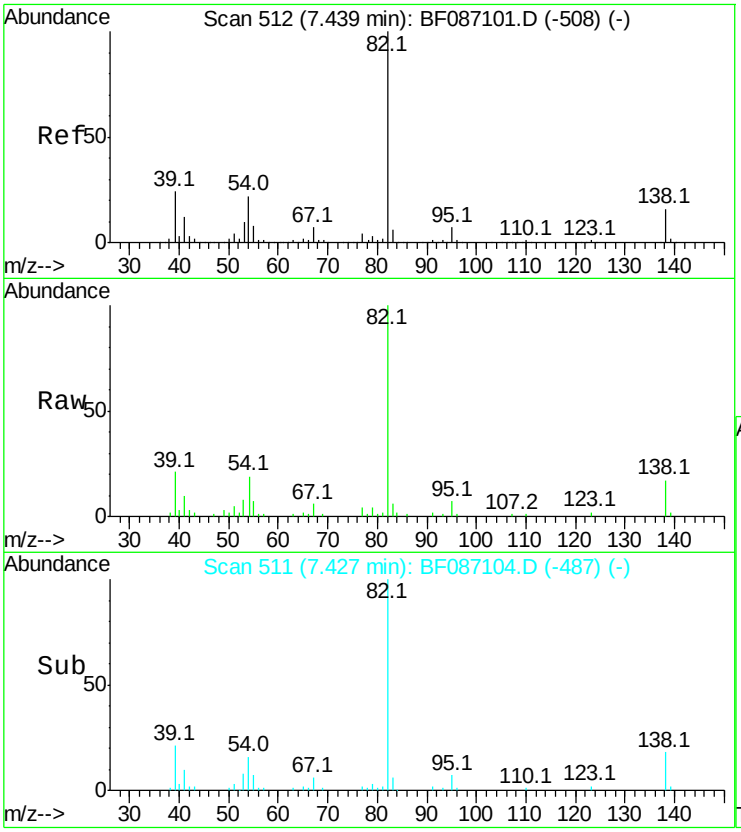


#24
Nitrobenzene
Concen: 3.12 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion: 77 Resp: 39215

Ion	Ratio	Lower	Upper
77	100		
123	41.9	33.0	49.4
65	14.1	10.8	16.2

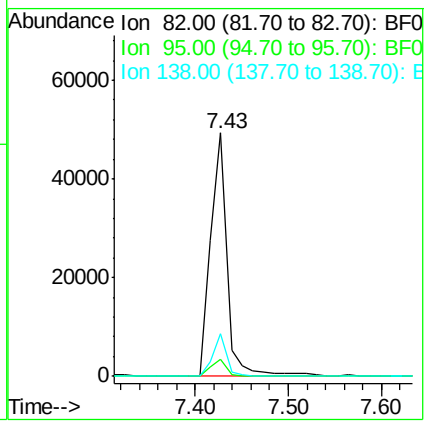




#25
Isophorone
Concen: 2.69 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion: 82 Resp: 61048

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.1	7.7
138	17.5	12.4	18.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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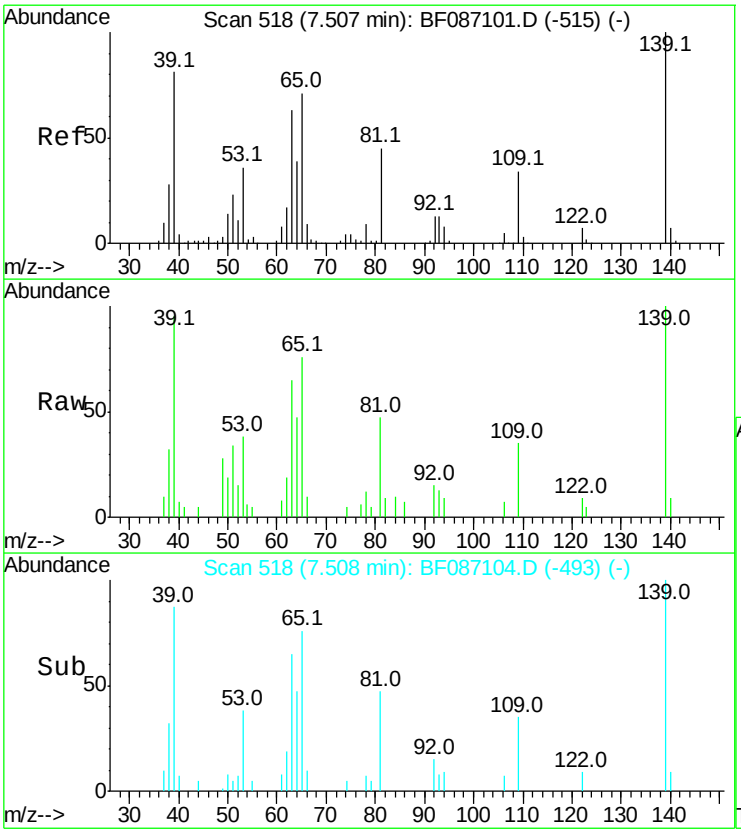
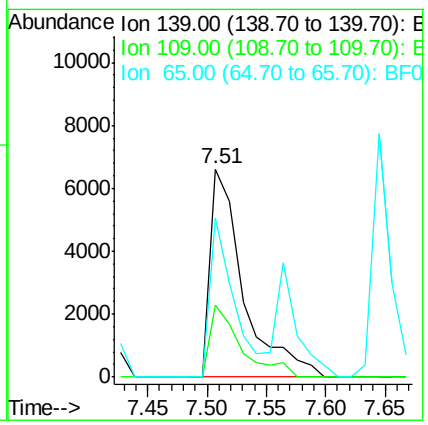
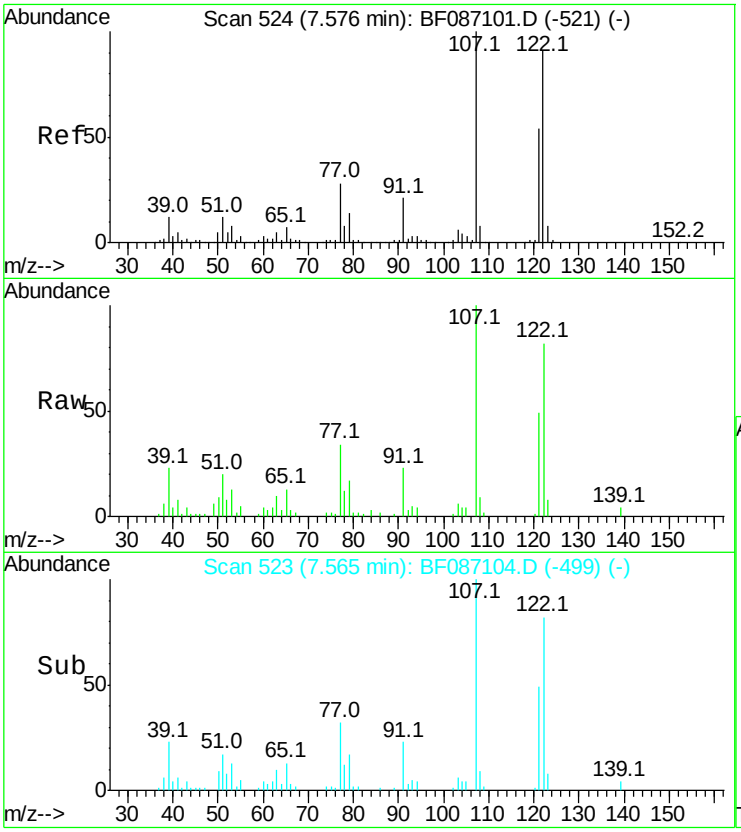


#26
2-Nitrophenol
Concen: 2.32 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:139 Resp: 12803

Ion	Ratio	Lower	Upper
139	100		
109	34.7	19.5	29.3#
65	76.2	37.5	56.3#

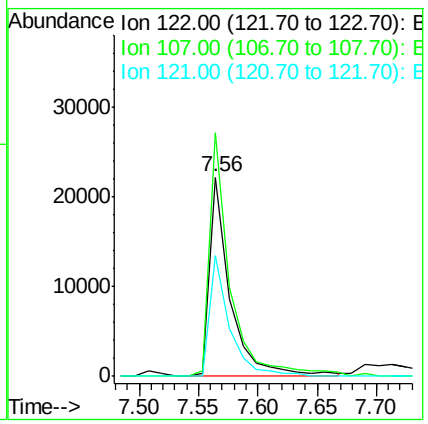




#27
2,4-Dimethylphenol
Concen: 2.89 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:122 Resp: 27154

Ion	Ratio	Lower	Upper
122	100		
107	122.4	82.0	123.0
121	60.4	46.1	69.1



Instrument :
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ClientSampleId :
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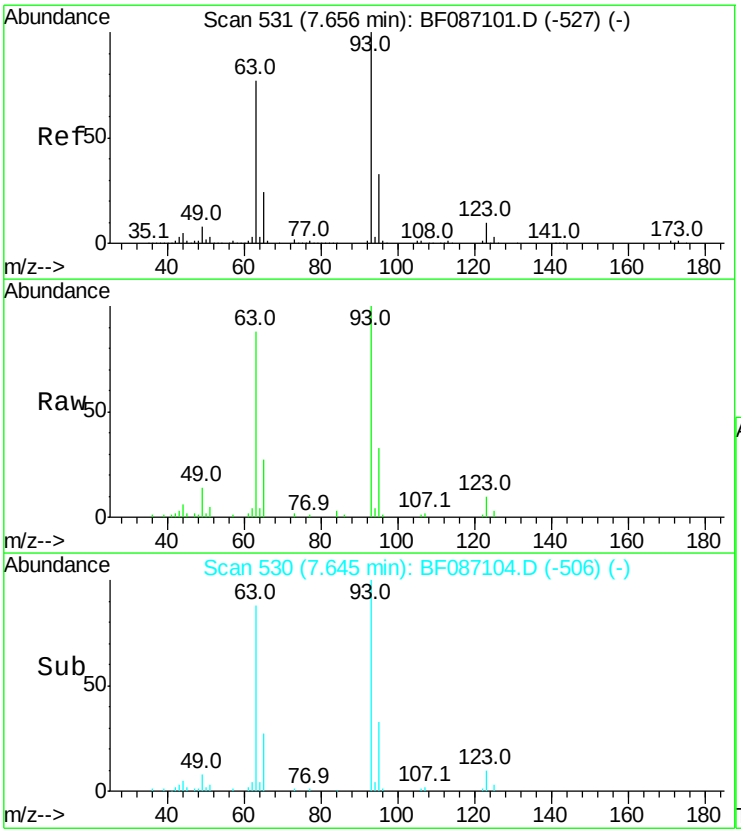
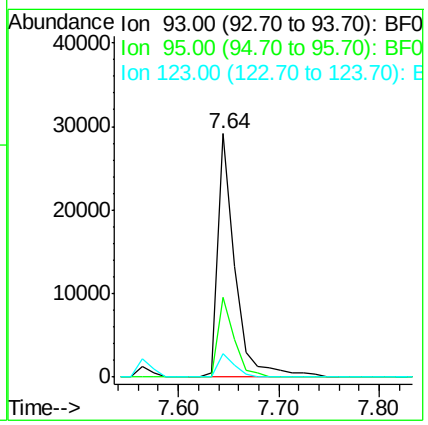
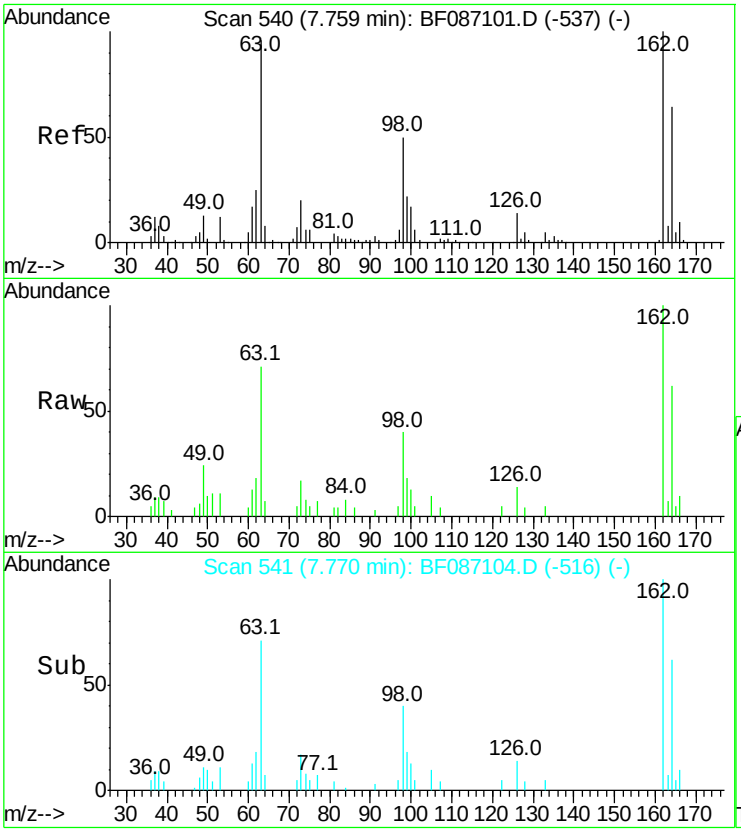


#28
bis(2-Chloroethoxy)methane
Concen: 2.82 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion: 93 Resp: 34537

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	9.7	9.5	14.3

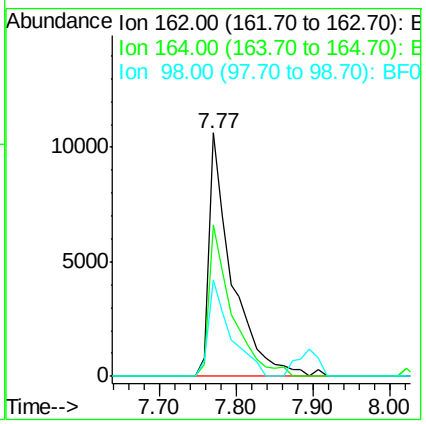




#29
2,4-Dichlorophenol
Concen: 2.66 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:162 Resp: 22066

Ion	Ratio	Lower	Upper
162	100		
164	62.4	42.2	82.2
98	39.7	19.0	59.0



Instrument :
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ClientSampleId :
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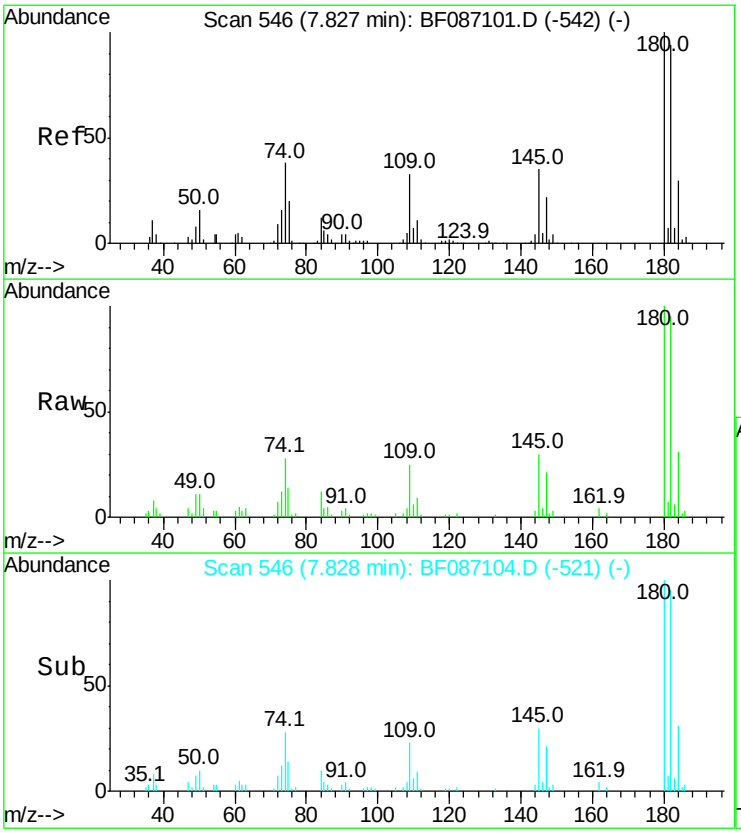
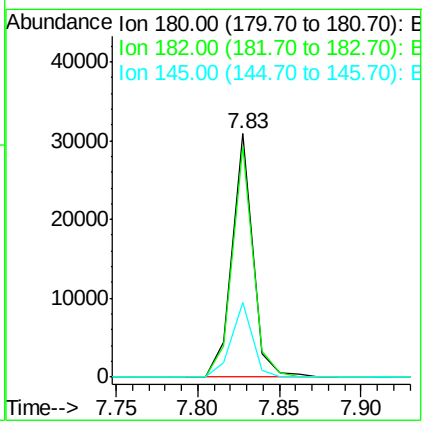
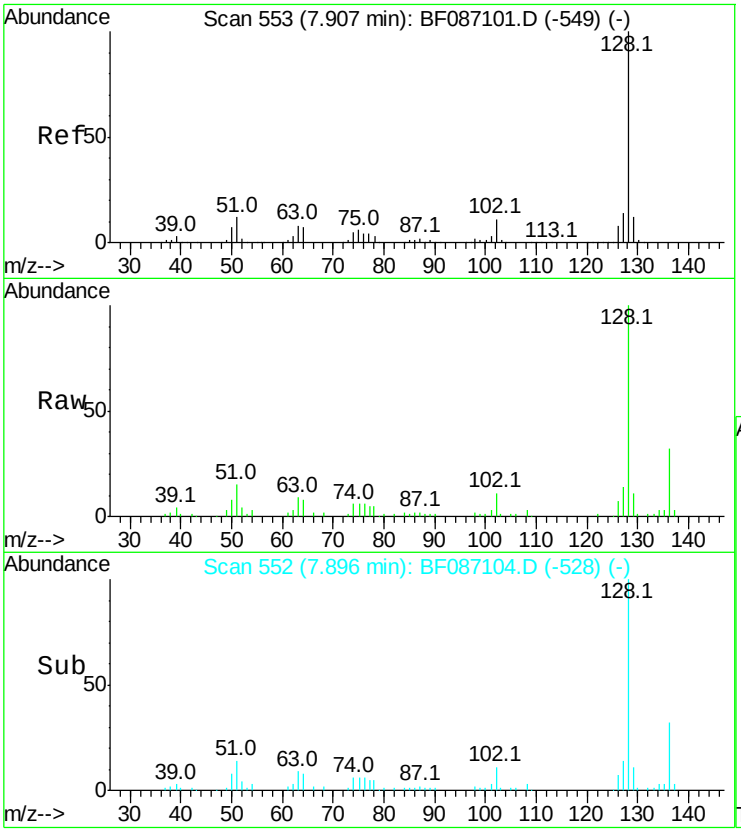


#30
1,2,4-Trichlorobenzene
Concen: 2.90 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:180 Resp: 26890

Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.0	117.0
145	30.4	24.2	36.2

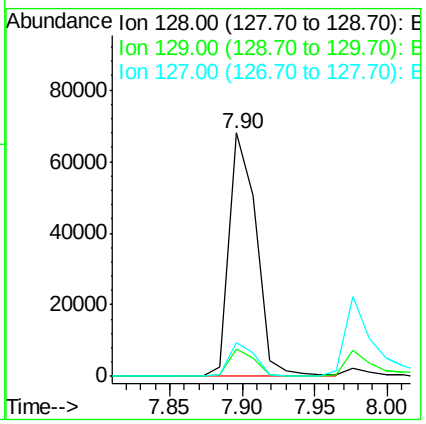




#31
Naphthalene
Concen: 2.89 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:128 Resp: 88749

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.8	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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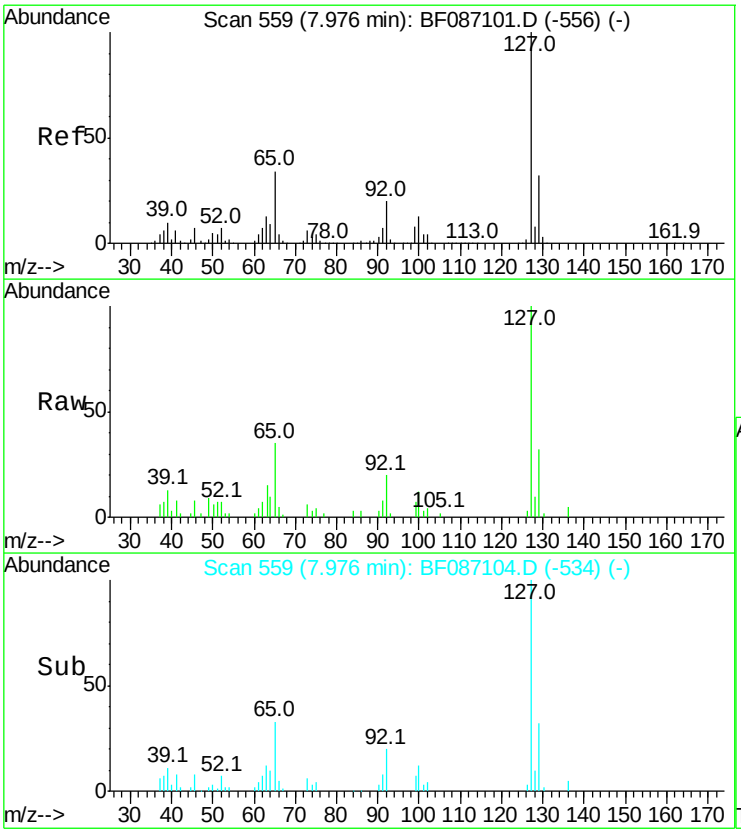
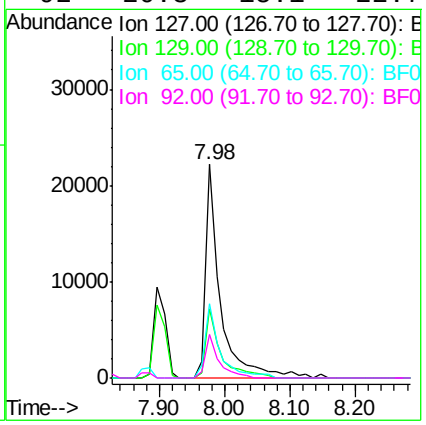
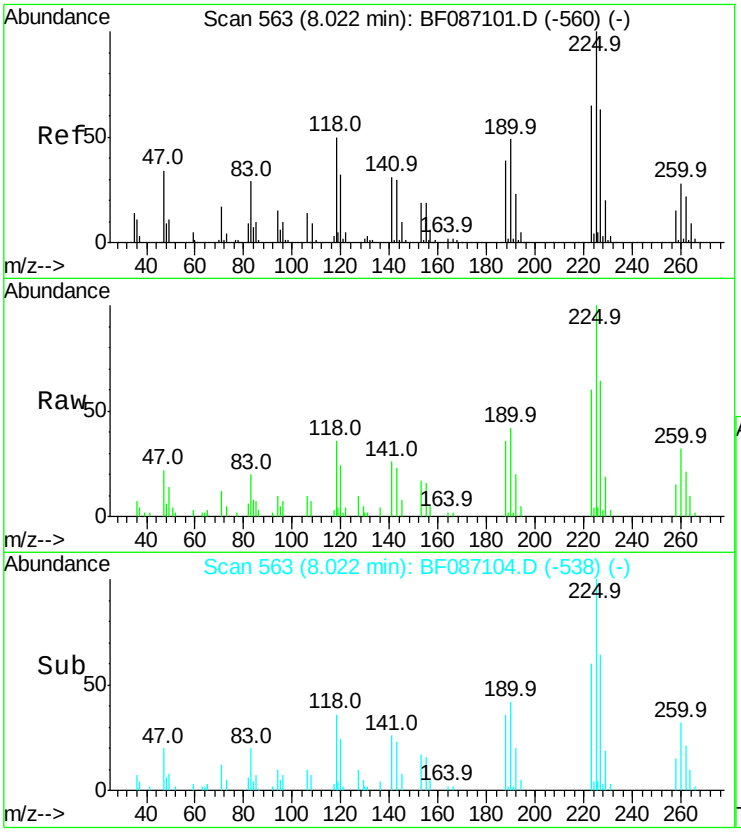


#33
4-Chloroaniline
Concen: 2.93 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:127 Resp: 34978

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	34.6	23.0	34.4#
92	20.3	15.1	22.7

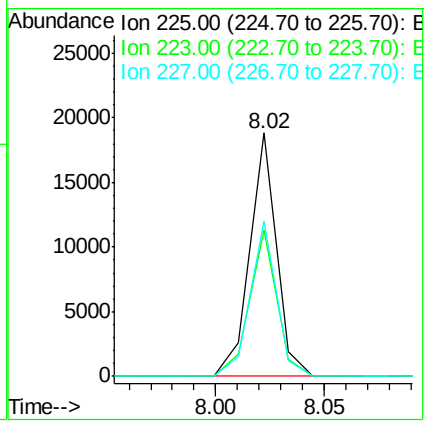




#34
Hexachlorobutadiene
Concen: 2.98 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:225 Resp: 16007

Ion	Ratio	Lower	Upper
225	100		
223	60.1	51.5	77.3
227	63.7	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
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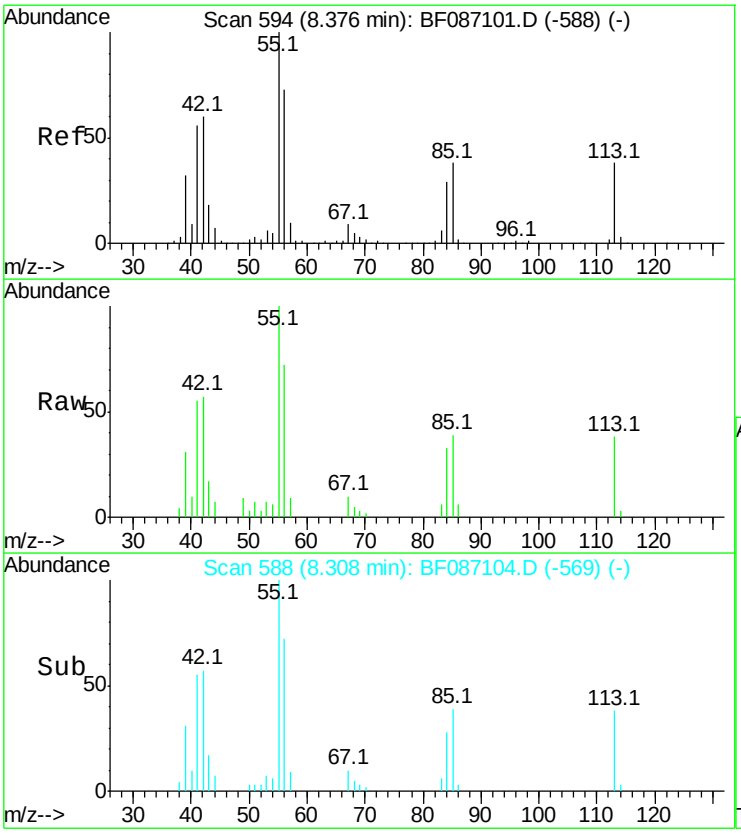
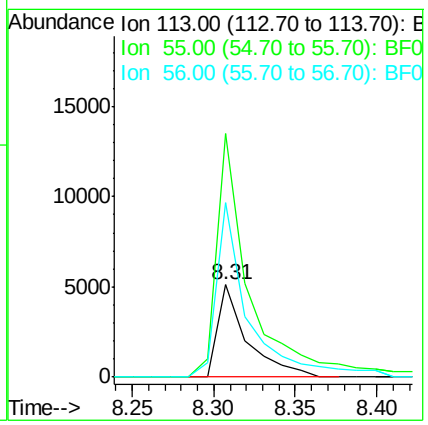
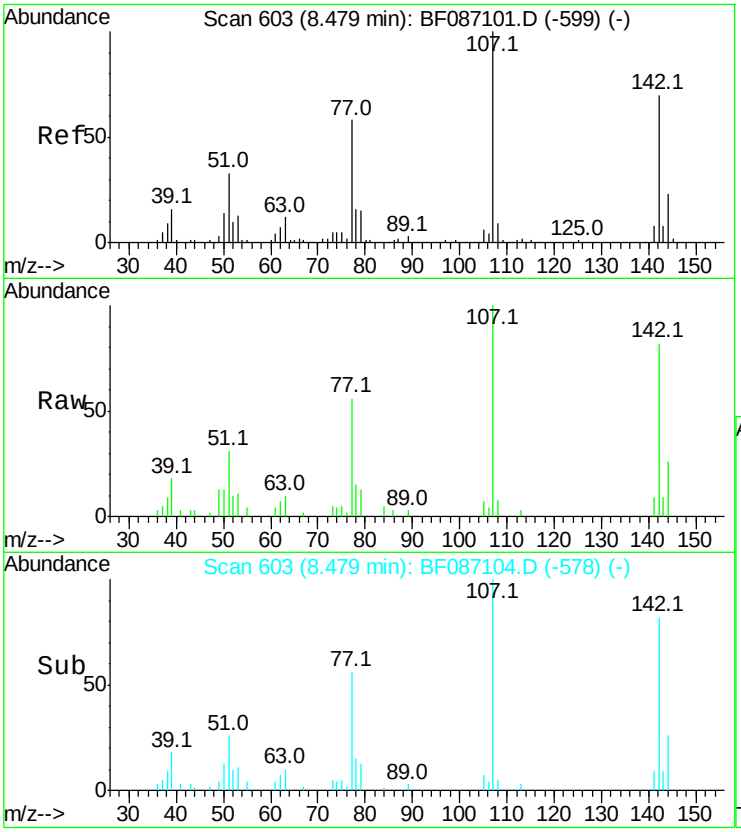


#35
Caprolactam
Concen: 2.28 ng
RT: 8.31 min Scan# 588
Delta R.T. -0.08 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:113 Resp: 6421

Ion	Ratio	Lower	Upper
113	100		
55	264.2	162.0	202.0#
56	189.7	115.3	155.3#

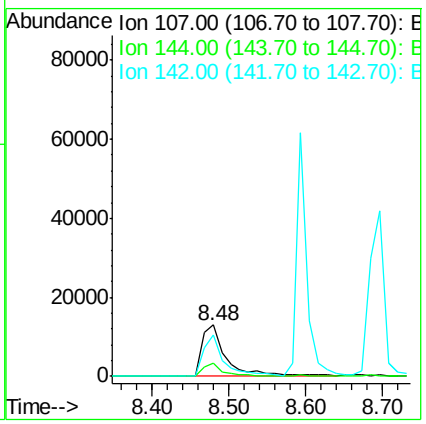




#36
4-Chloro-3-methylphenol
Concen: 2.79 ng
RT: 8.48 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:107 Resp: 28048

Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.7	31.1
142	81.5	63.2	94.8



Instrument :
BNA_F
ClientSampleId :
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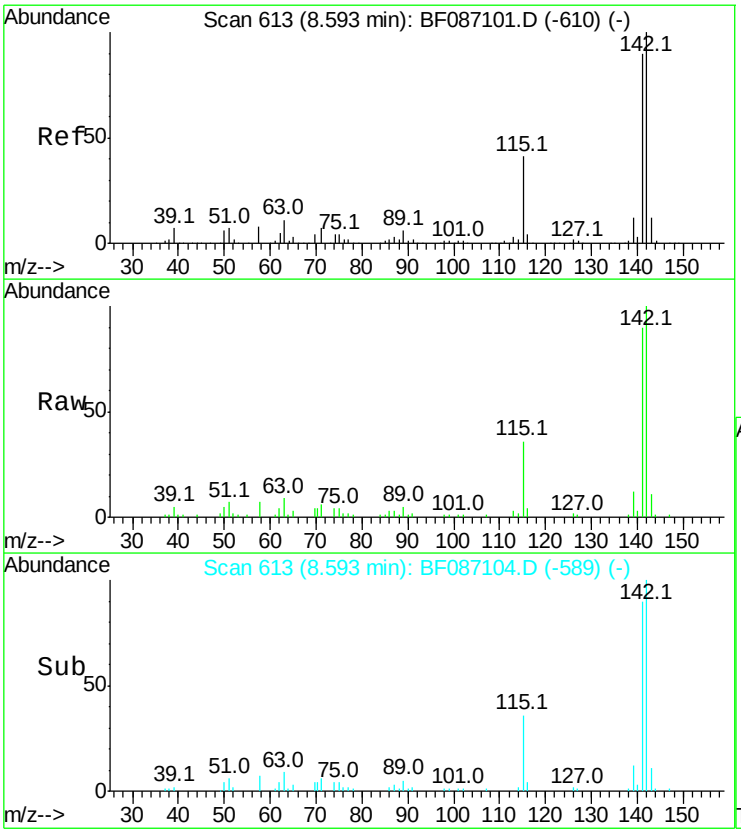
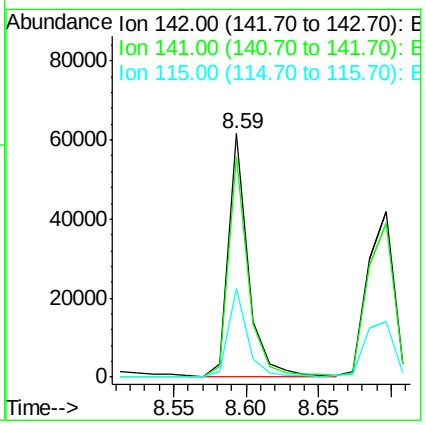
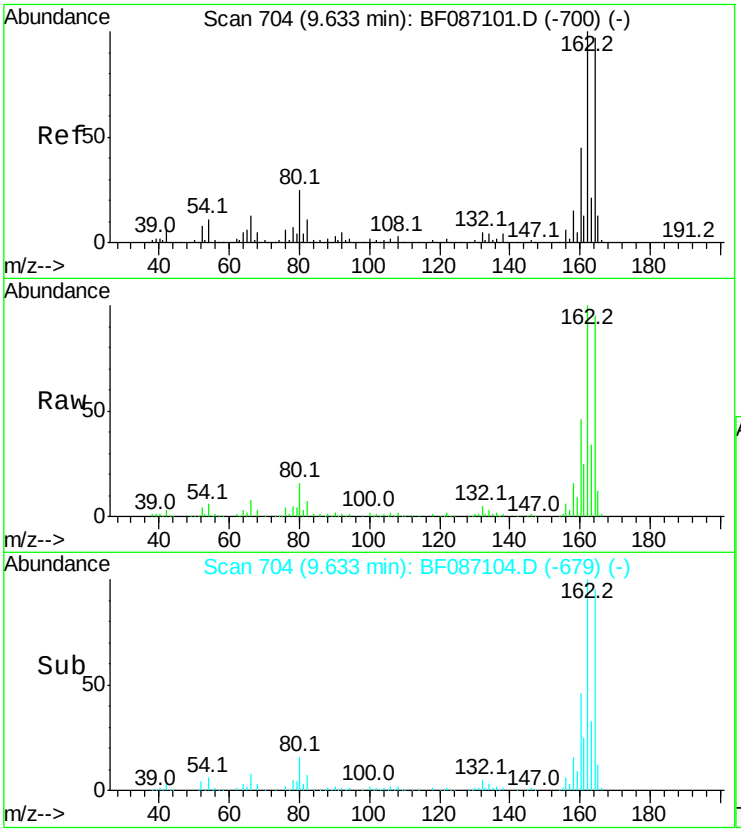


#37
2-Methylnaphthalene
Concen: 3.27 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:142 Resp: 58803

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.0	106.6
115	36.2	26.6	39.8

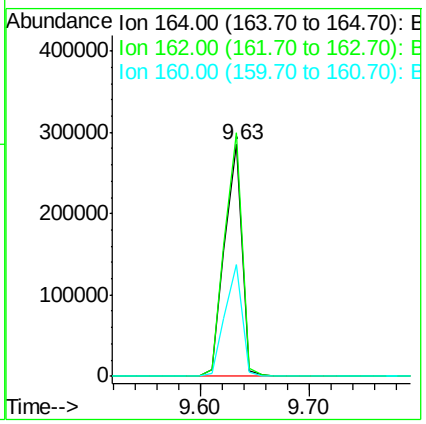




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:164 Resp: 315354

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.8	124.2
160	48.5	36.9	55.3



Instrument :
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ClientSampleId :
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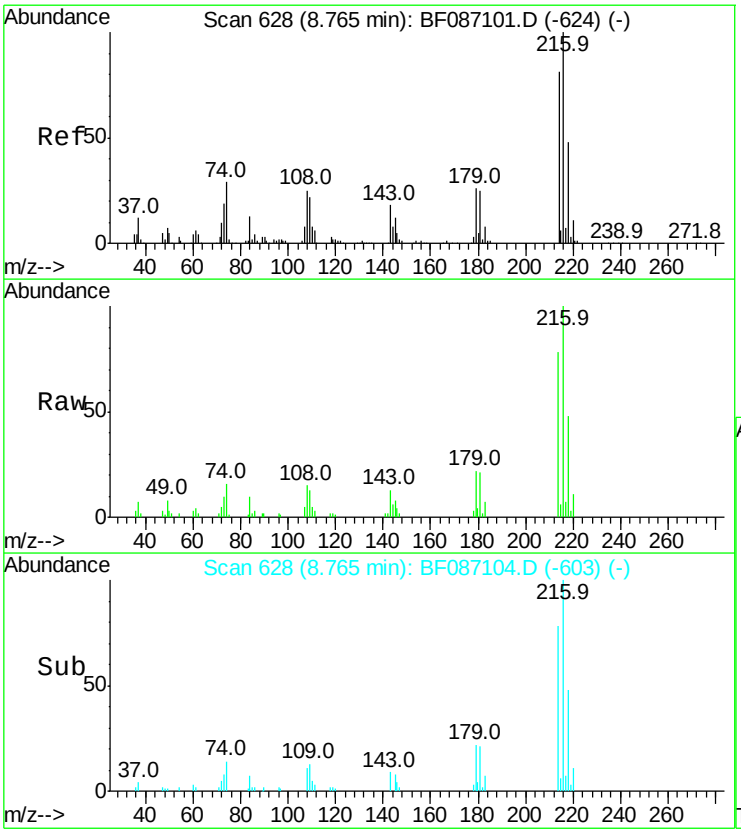
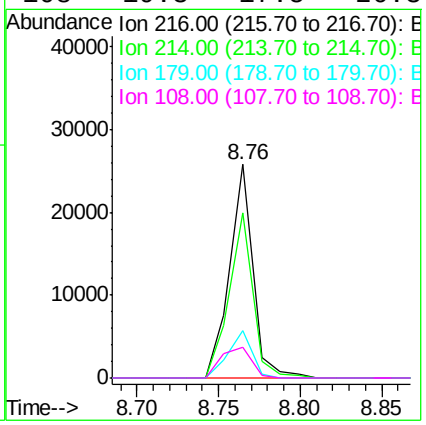
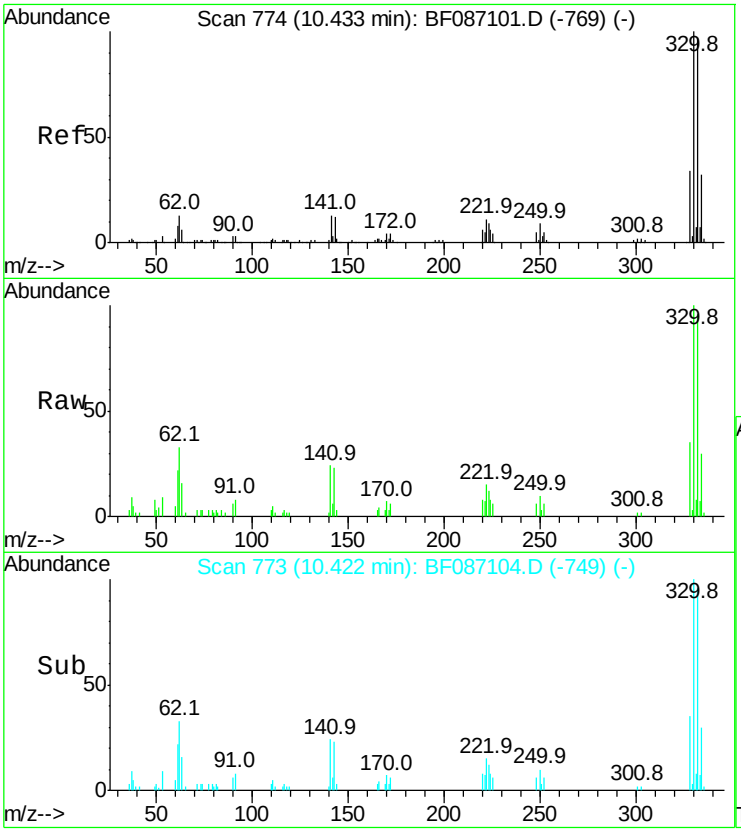


#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.77 ng
RT: 8.76 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:216 Resp: 25411

Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.6	93.8
179	22.8	18.2	27.4
108	19.3	17.5	26.3

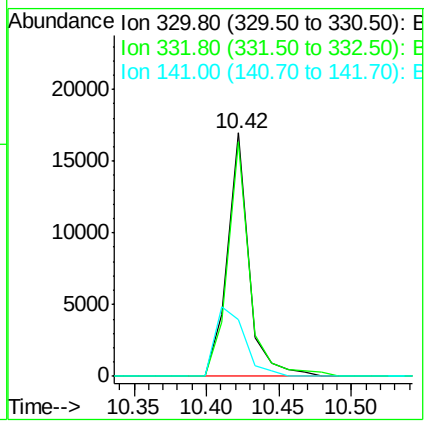




#41
2,4,6-Tribromophenol
Concen: 5.29 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:330 Resp: 17664

Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.0	118.4
141	38.5	31.2	46.8



Instrument :
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ClientSampleId :
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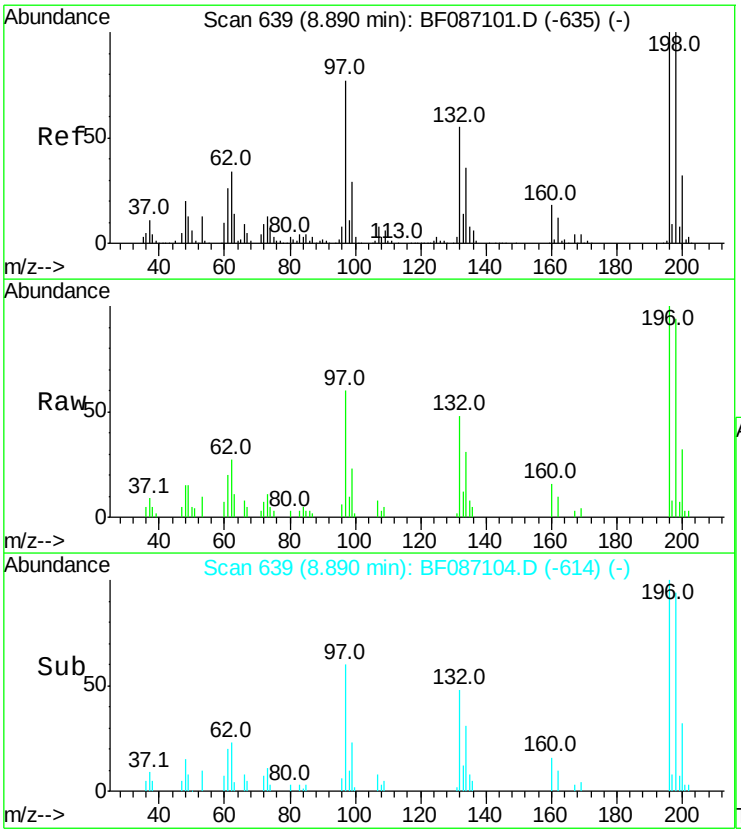
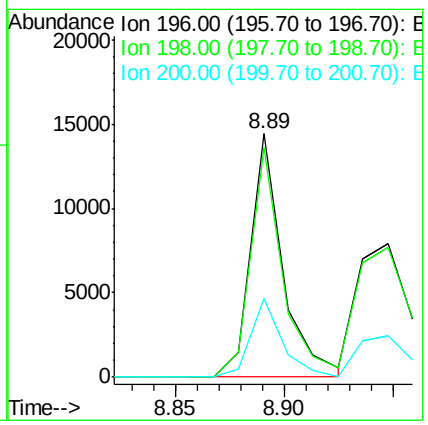
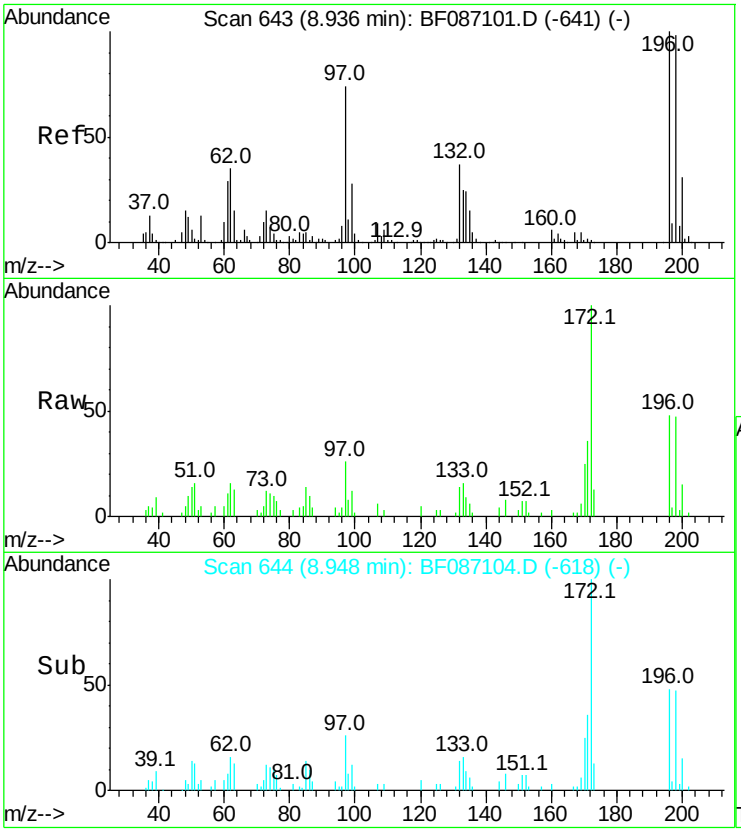


#42
2,4,6-Trichlorophenol
Concen: 2.43 ng
RT: 8.89 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:196 Resp: 14898

Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.7	112.1
200	32.4	23.8	35.6

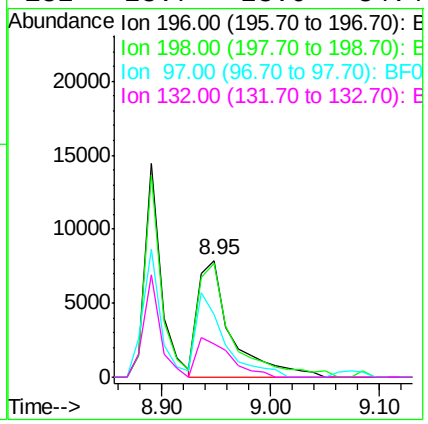




#43
2,4,5-Trichlorophenol
Concen: 2.69 ng
RT: 8.95 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:196 Resp: 17081

Ion	Ratio	Lower	Upper
196	100		
198	97.1	77.5	116.3
97	53.9	34.8	52.2#
132	28.7	23.0	34.4



Instrument :
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ClientSampleId :
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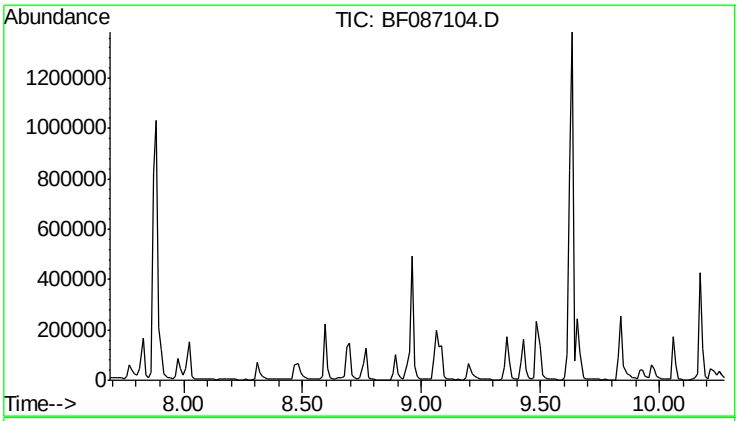
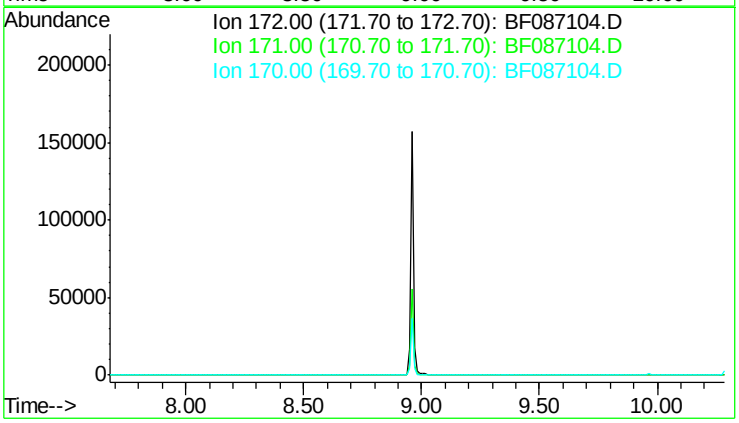


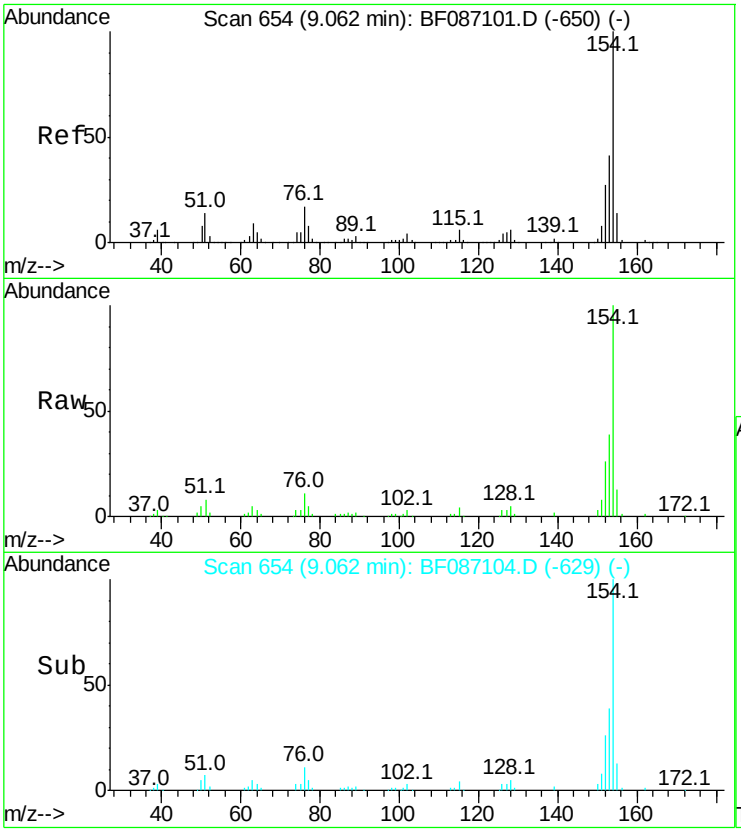
#44
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 8.98 min

Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	36.3
170	24.8

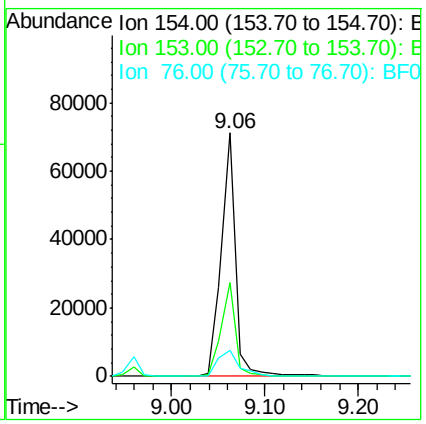




#45
1,1'-Biphenyl
Concen: 3.01 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:154 Resp: 75602

Ion	Ratio	Lower	Upper
154	100		
153	38.5	20.3	60.3
76	10.9	0.0	30.2



Instrument :
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ClientSampleId :
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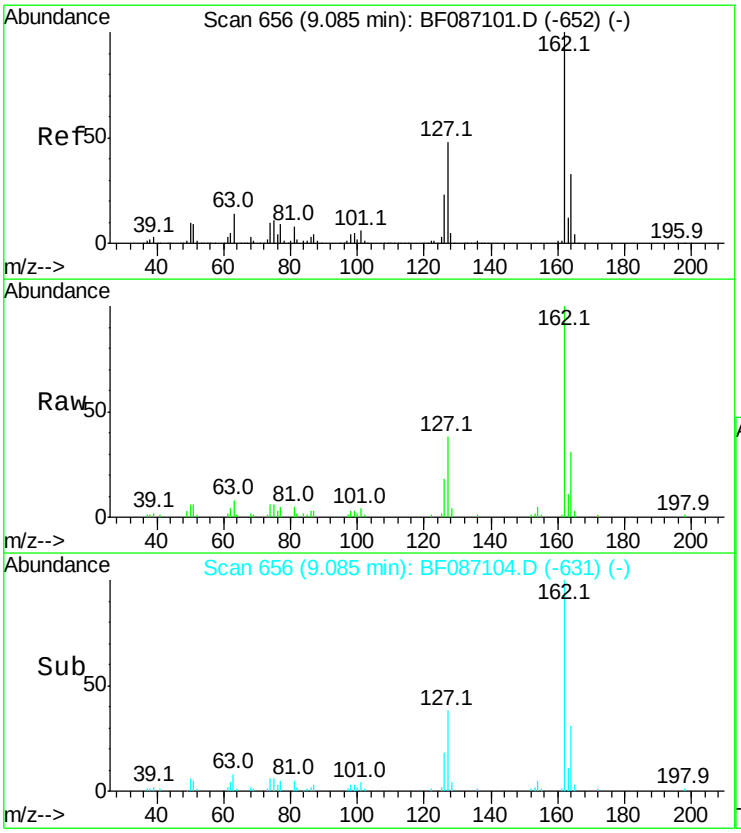
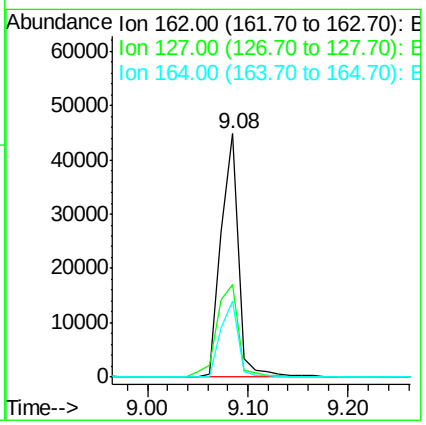
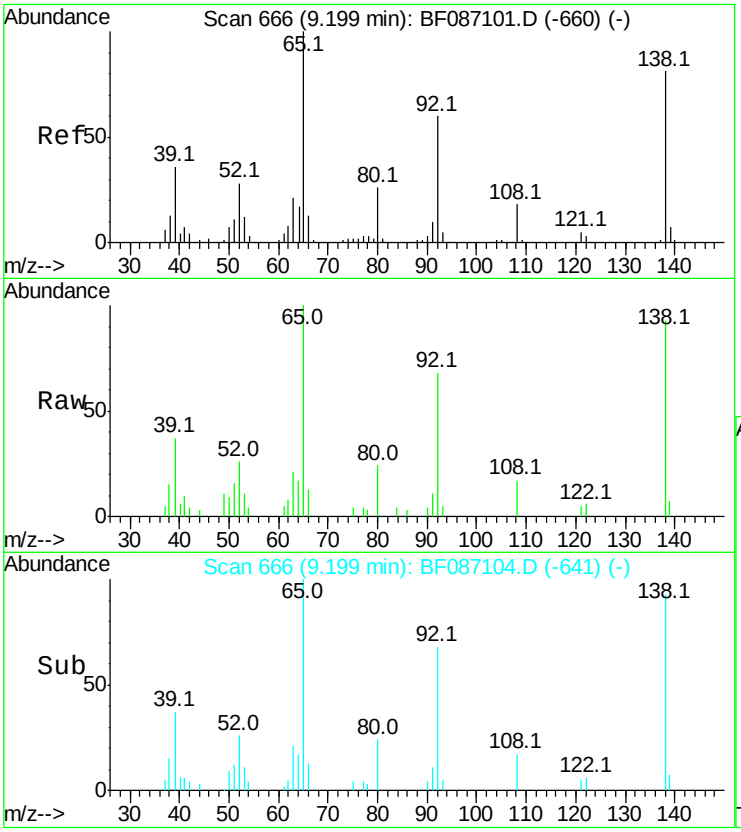


#46
2-Chloronaphthalene
Concen: 2.77 ng
RT: 9.08 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:162 Resp: 54457

Ion	Ratio	Lower	Upper
162	100		
127	38.2	31.8	47.6
164	31.2	27.0	40.6

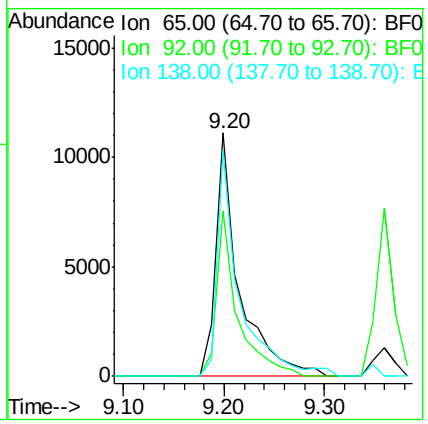




#47
2-Nitroaniline
Concen: 2.50 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion: 65 Resp: 17960

Ion	Ratio	Lower	Upper
65	100		
92	68.0	57.4	86.2
138	92.8	90.1	135.1



Instrument :
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ClientSampleId :
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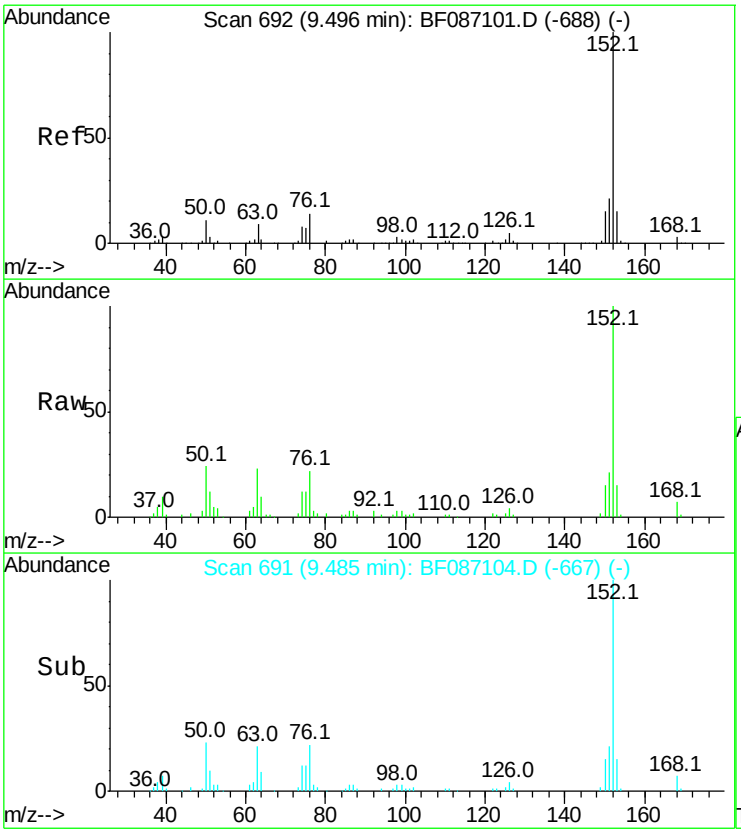
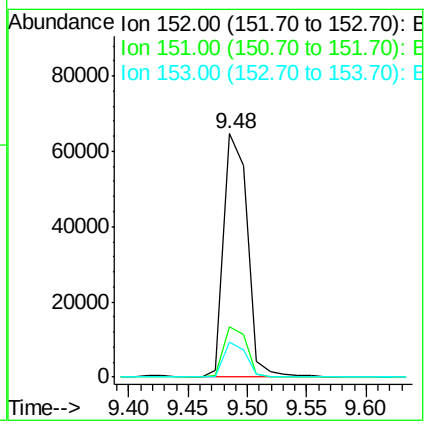
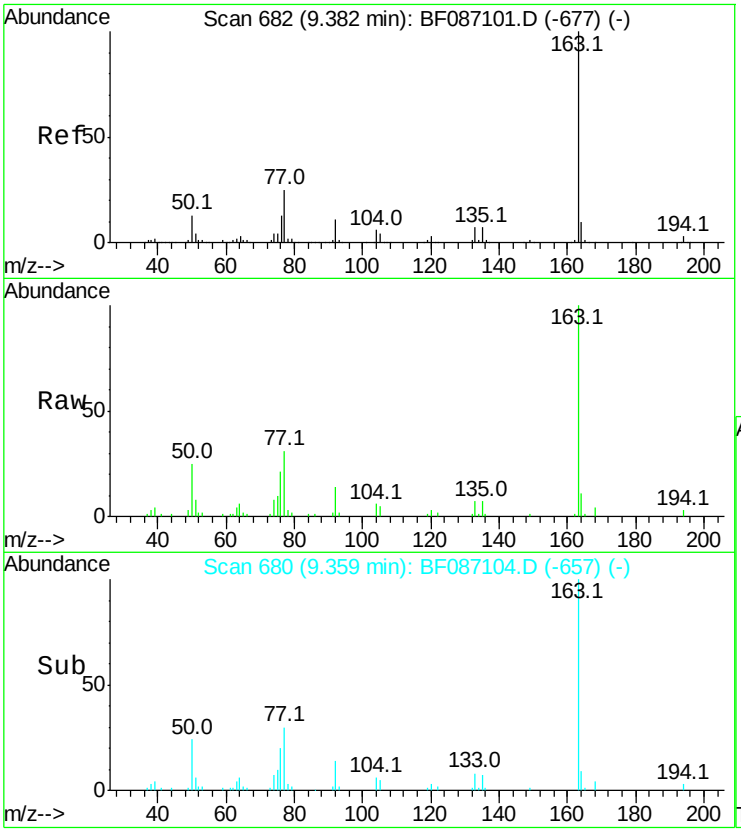


#48
Acenaphthylene
Concen: 3.09 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:152 Resp: 89213

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	14.5	10.9	16.3

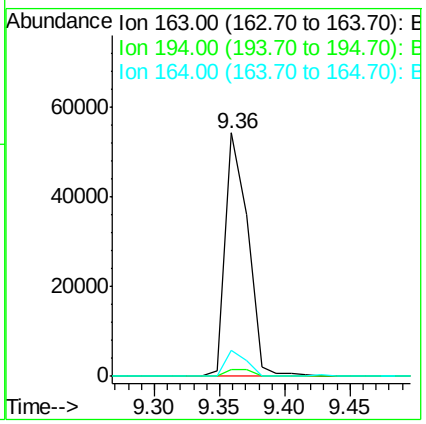




#49
Dimethylphthalate
Concen: 2.72 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:163 Resp: 65322

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	10.9	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
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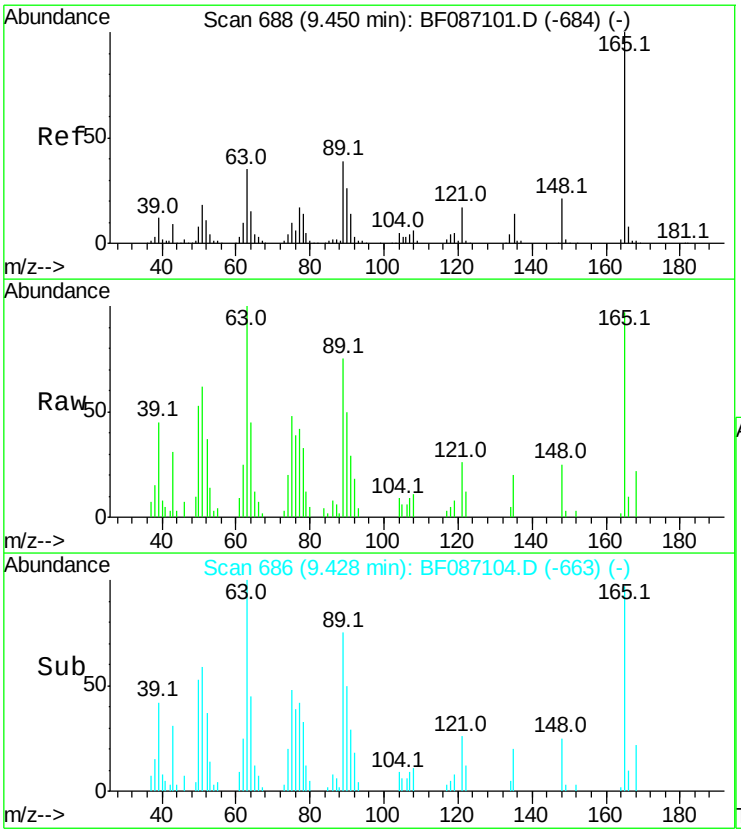
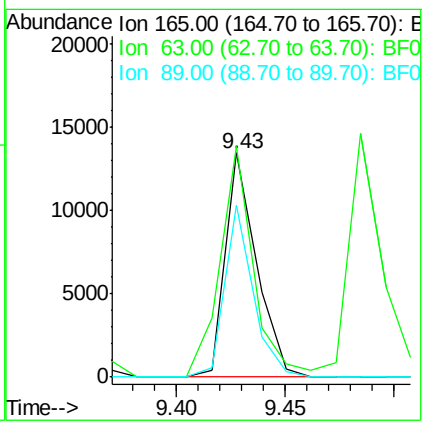
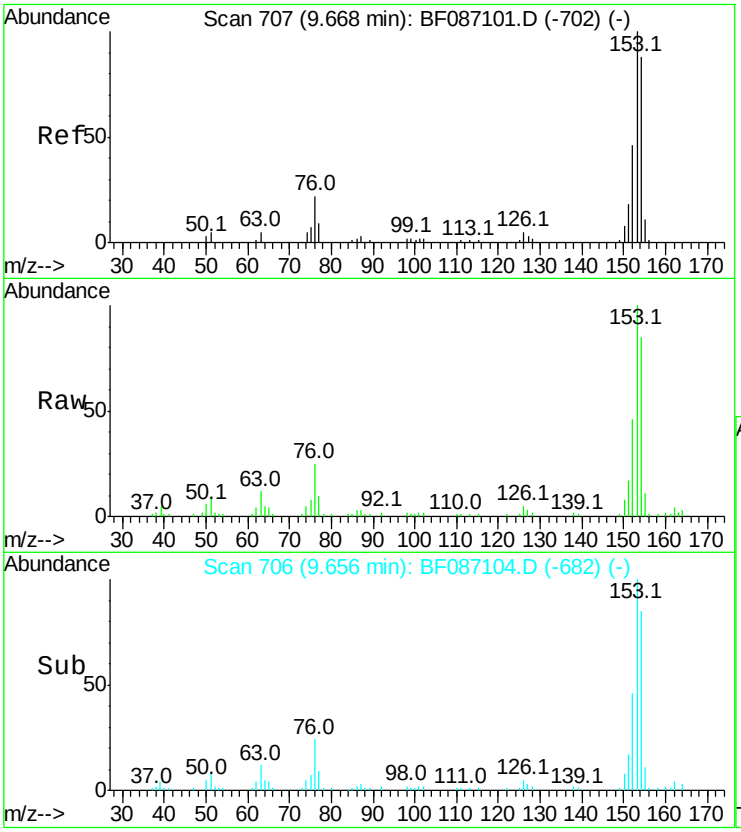


#50
2,6-Dinitrotoluene
Concen: 2.63 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:165 Resp: 13318

Ion	Ratio	Lower	Upper
165	100		
63	102.7	51.8	77.8#
89	76.8	50.7	76.1#

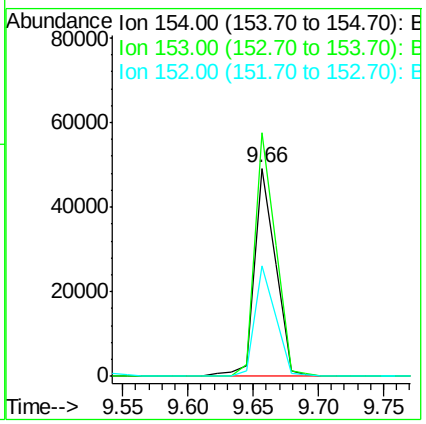




#51
Acenaphthene
Concen: 3.10 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:154 Resp: 55739

Ion	Ratio	Lower	Upper
154	100		
153	117.1	89.8	134.6
152	53.4	43.4	65.0



Instrument :
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ClientSampleId :
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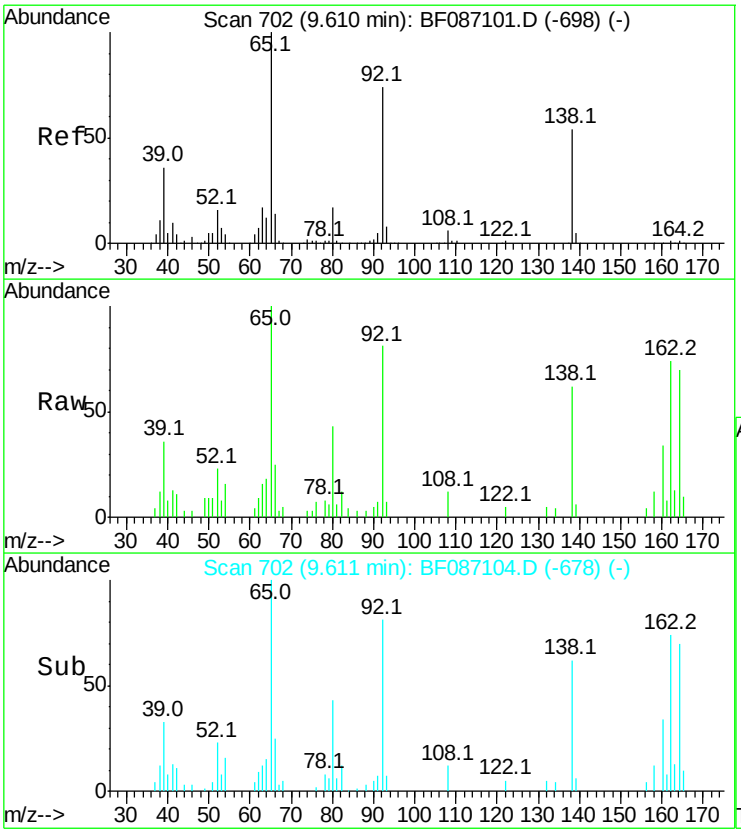
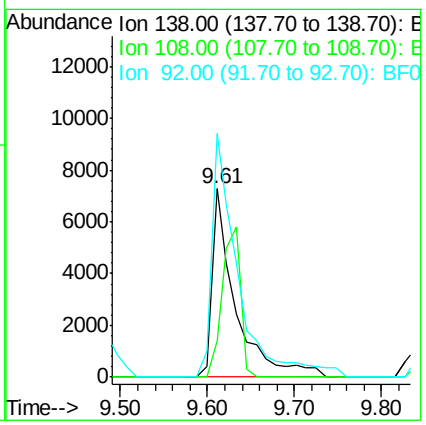
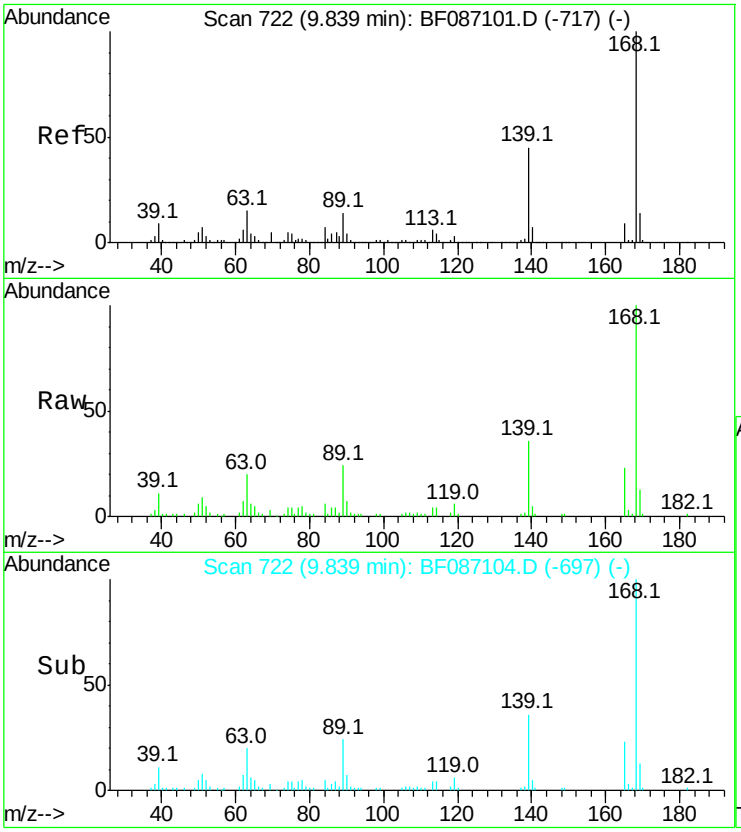


#52
3-Nitroaniline
Concen: 2.55 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:138 Resp: 13581

Ion	Ratio	Lower	Upper
138	100		
108	19.3	7.8	11.6#
92	129.5	87.8	131.8

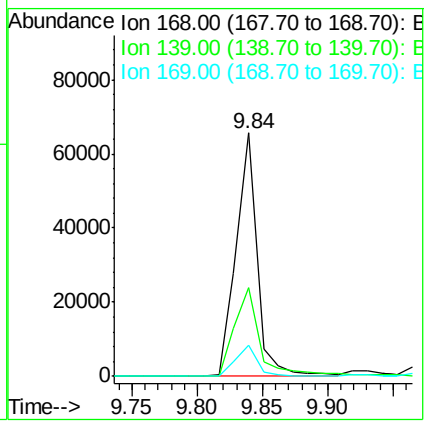




#54
Dibenzofuran
Concen: 3.17 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:168 Resp: 73238

Ion	Ratio	Lower	Upper
168	100		
139	36.4	31.4	47.0
169	12.9	10.7	16.1



Instrument :
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ClientSampleId :
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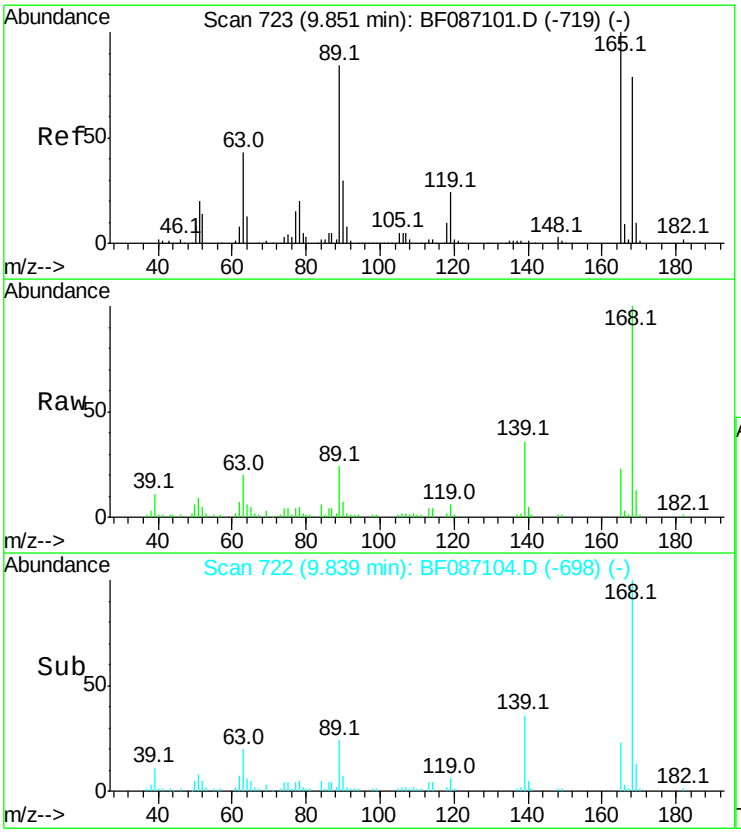
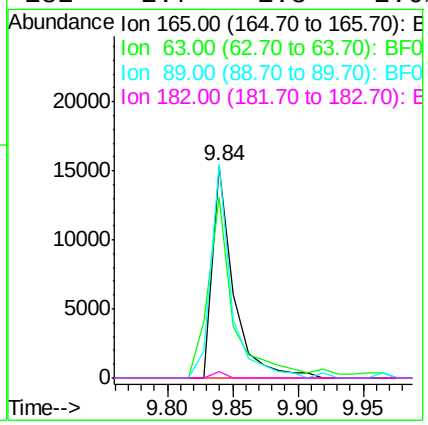
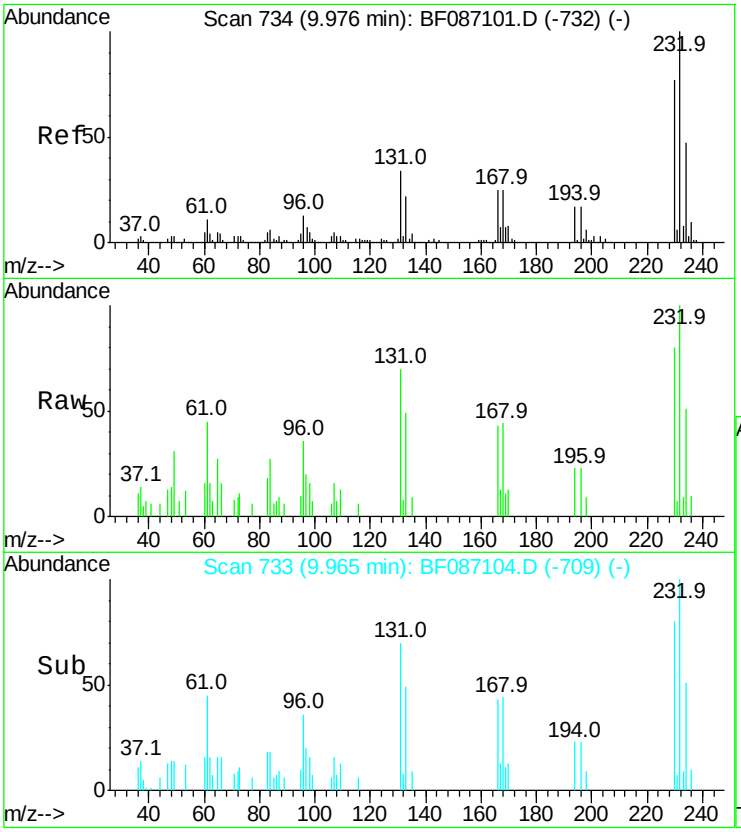


#56
2,4-Dinitrotoluene
Concen: 2.78 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:165 Resp: 17402

Ion	Ratio	Lower	Upper
165	100		
63	85.3	44.3	66.5#
89	100.9	70.0	105.0
182	2.7	1.8	2.6#

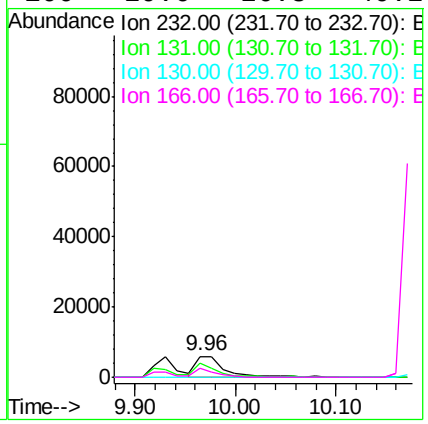




#58
2,3,4,6-Tetrachlorophenol
Concen: 2.56 ng
RT: 9.96 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:232 Resp: 12242

Ion	Ratio	Lower	Upper
232	100		
131	51.0	41.9	62.9
130	0.0	2.2	3.4#
166	29.6	26.8	40.2



Instrument :
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ClientSampleId :
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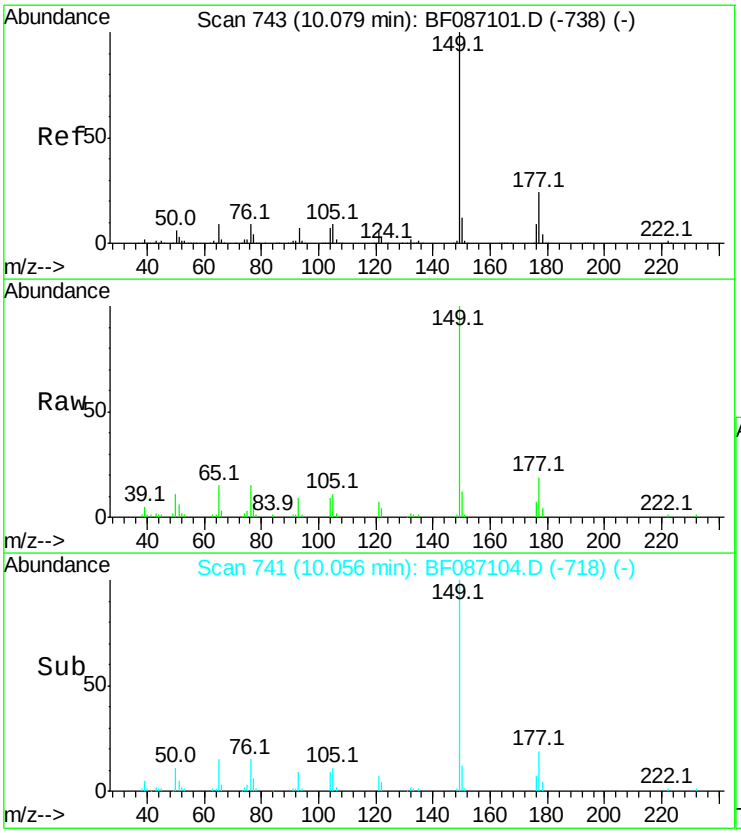
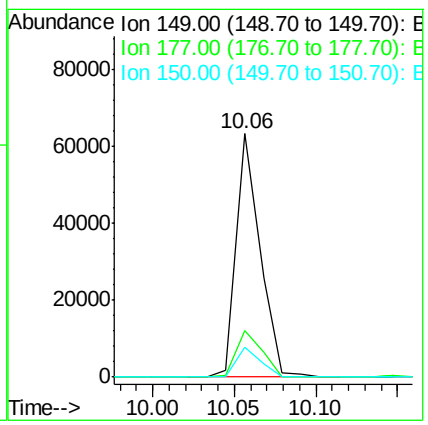
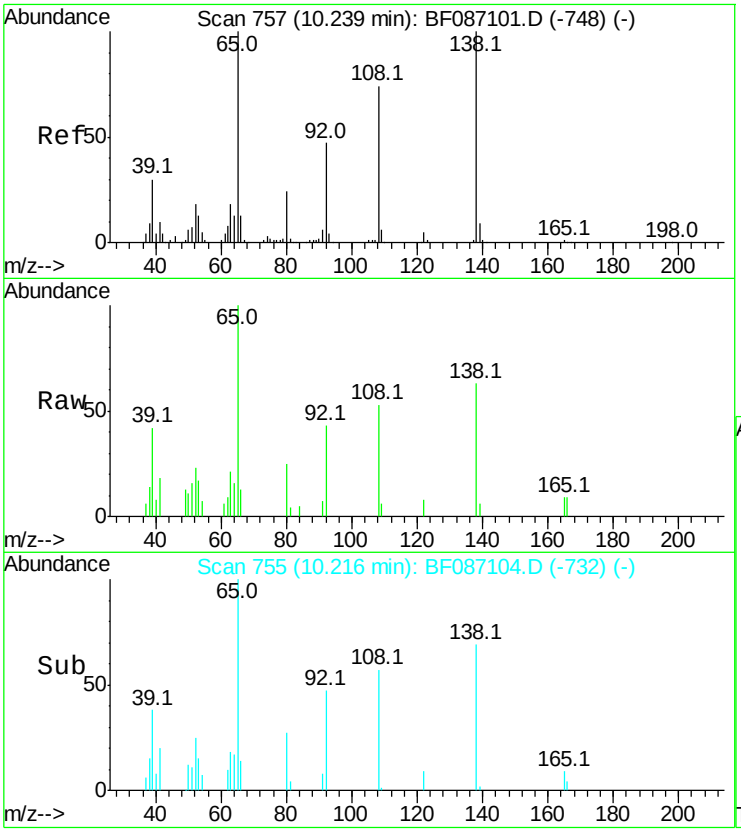


#59
Diethylphthalate
Concen: 2.72 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:149 Resp: 63774

Ion	Ratio	Lower	Upper
149	100		
177	19.2	16.6	24.8
150	12.1	10.0	15.0

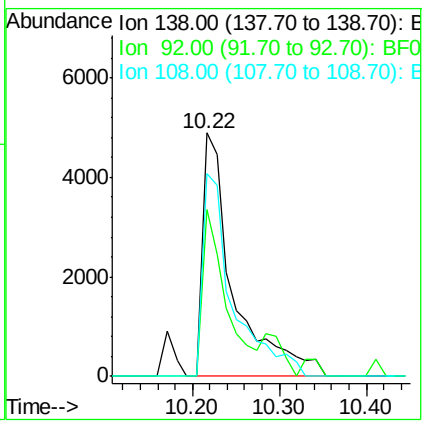




#61
4-Nitroaniline
Concen: 2.35 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.03 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:138 Resp: 12016

Ion	Ratio	Lower	Upper
138	100		
92	68.5	24.7	64.7#
108	83.3	37.4	77.4#



Instrument :
BNA_F
ClientSampleId :
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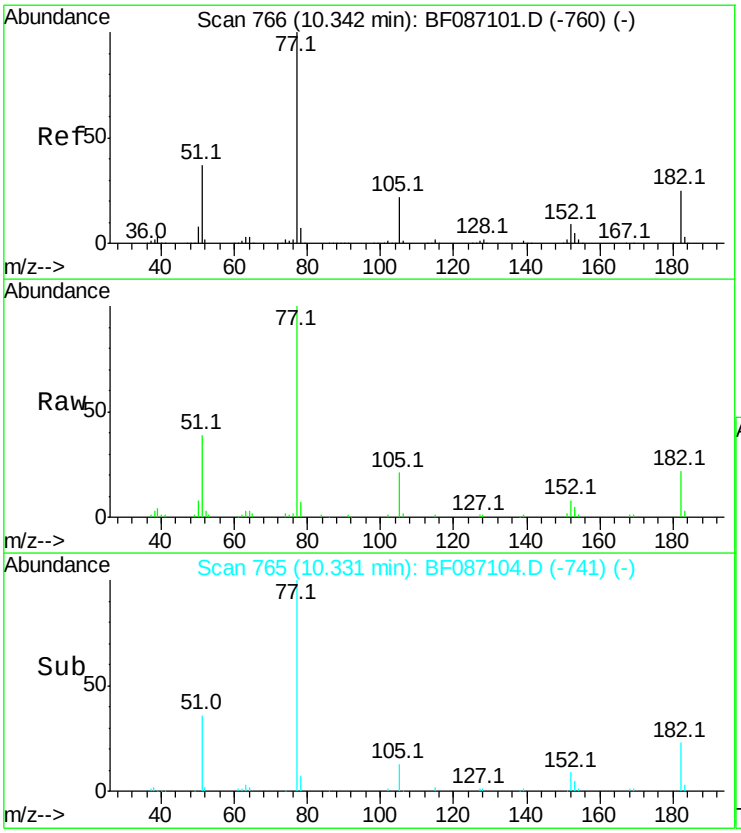
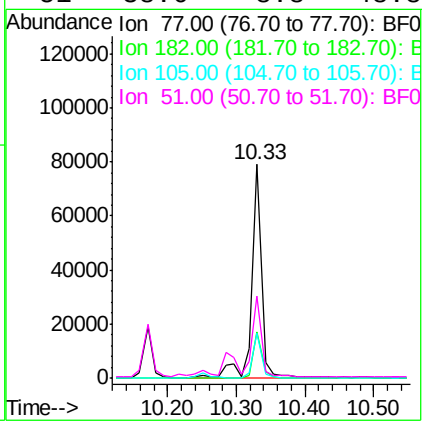
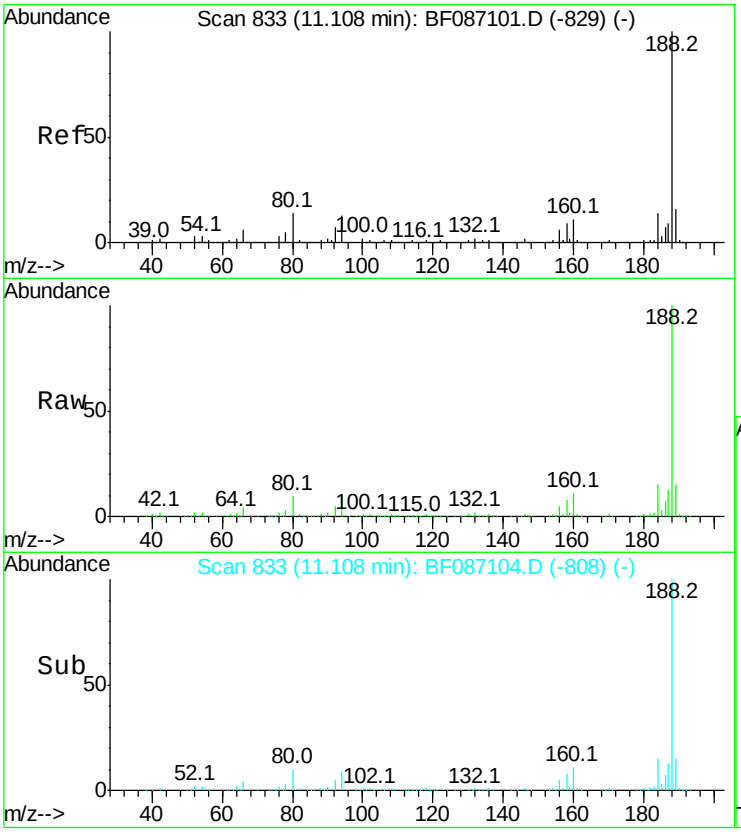


#62
Azobenzene
Concen: 3.10 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion: 77 Resp: 78346

Ion	Ratio	Lower	Upper
77	100		
182	21.8	0.0	38.8
105	21.1	3.2	43.2
51	38.6	8.8	48.8

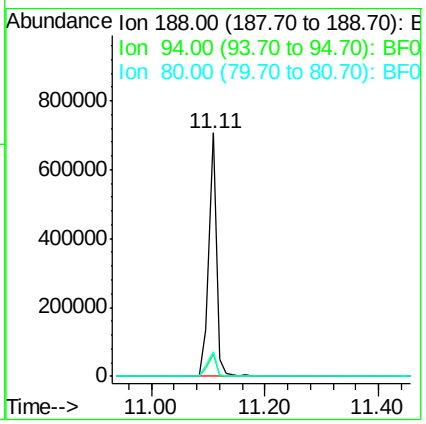




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:188 Resp: 632326

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.8	10.2
80	10.2	7.1	10.7



Instrument :
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ClientSampleId :
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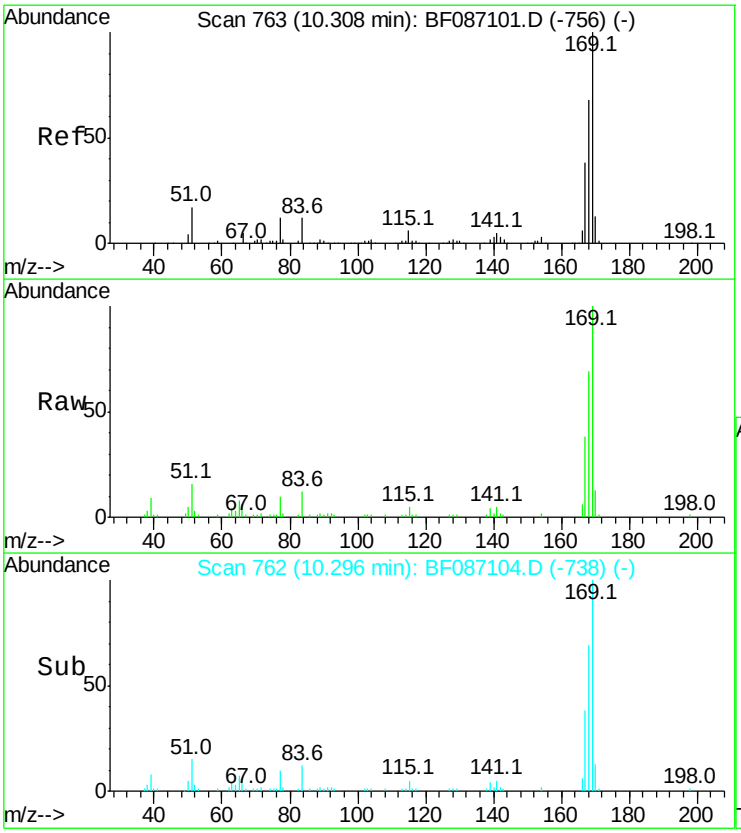
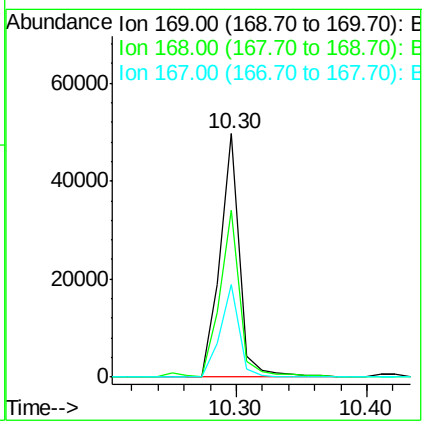
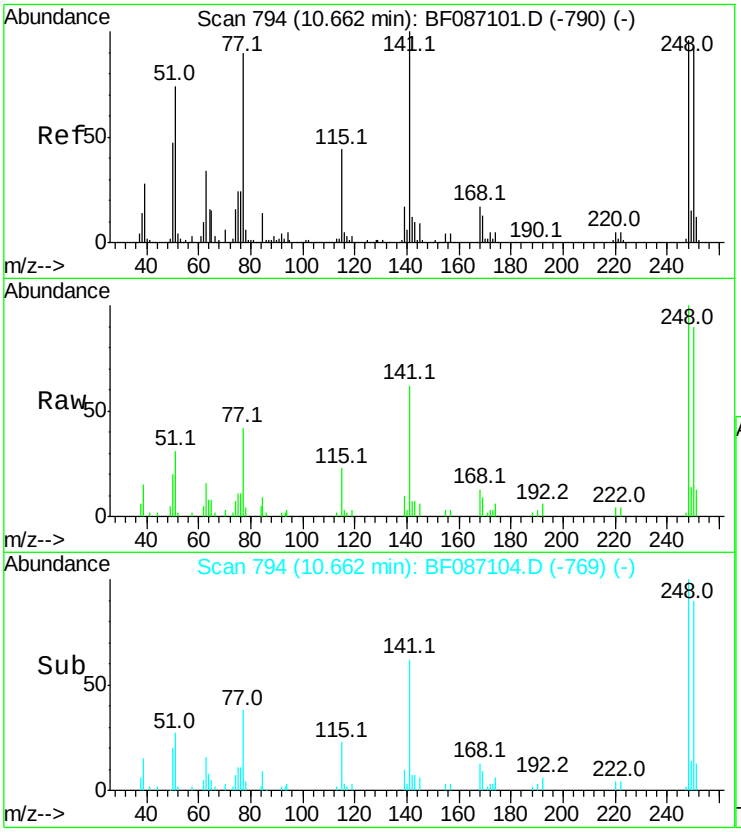


#65
n-Nitrosodiphenylamine
Concen: 2.69 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:169 Resp: 52352

Ion	Ratio	Lower	Upper
169	100		
168	68.6	53.8	80.6
167	37.8	29.5	44.3





#66
4-Bromophenyl-phenylether
Concen: 2.74 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:248 Resp: 17556

Ion	Ratio	Lower	Upper
248	100		
250	90.4	78.6	117.8
141	62.0	76.0	114.0#

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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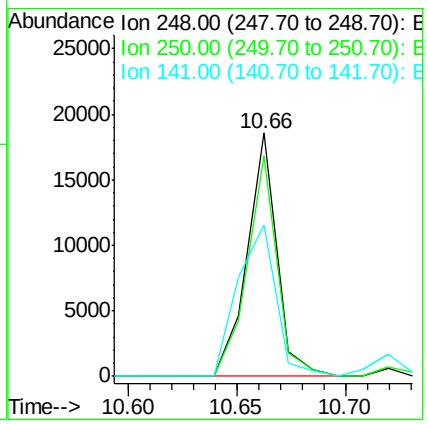
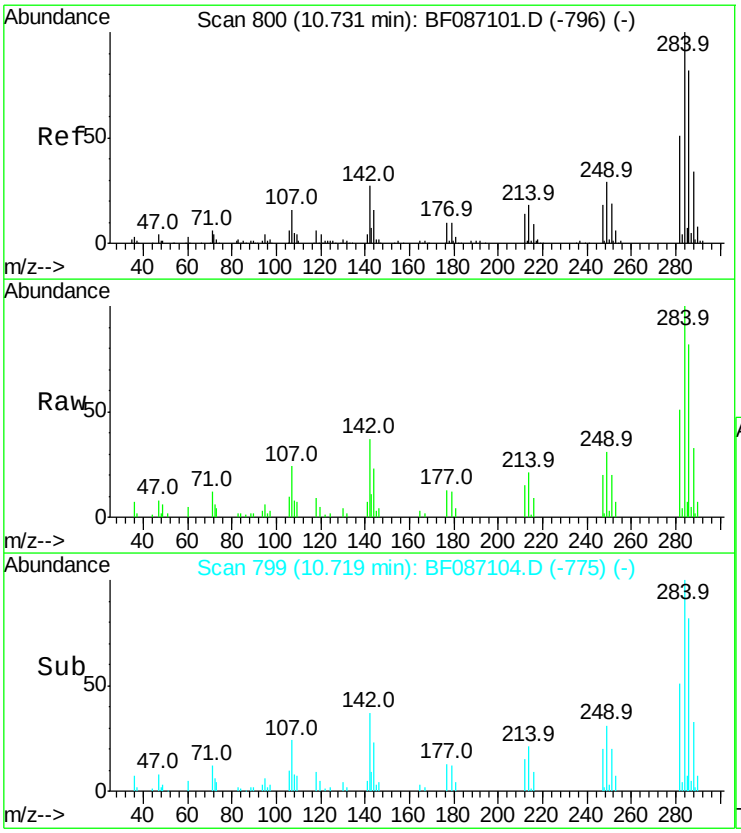
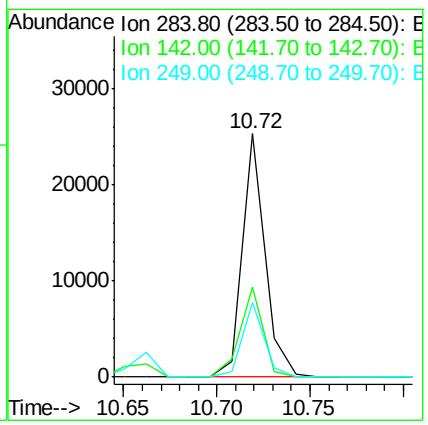


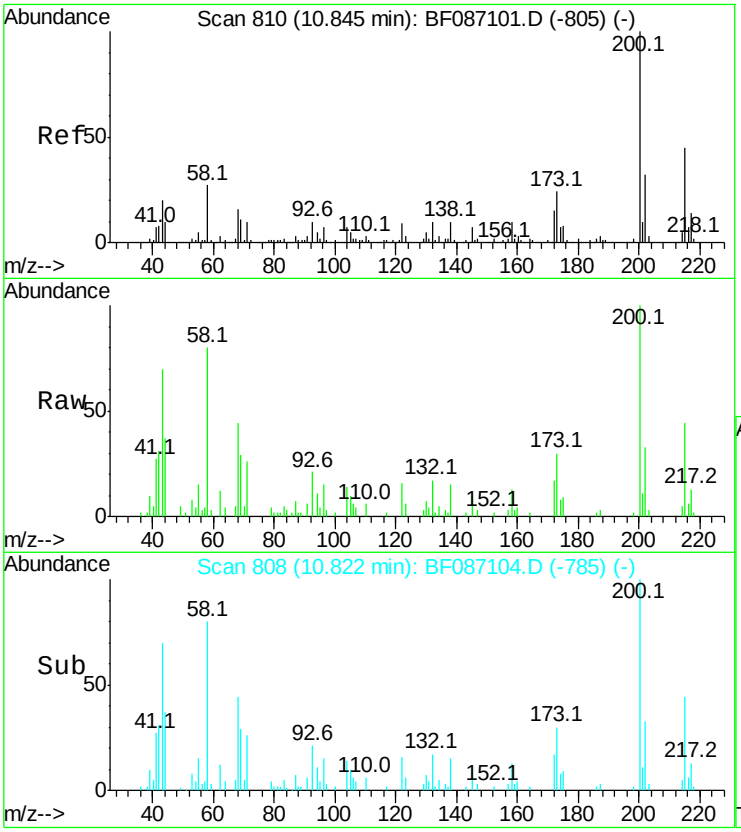


#67
Hexachlorobenzene
Concen: 2.86 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:284 Resp: 21445

Ion	Ratio	Lower	Upper
284	100		
142	36.8	16.7	25.1#
249	30.8	21.3	31.9

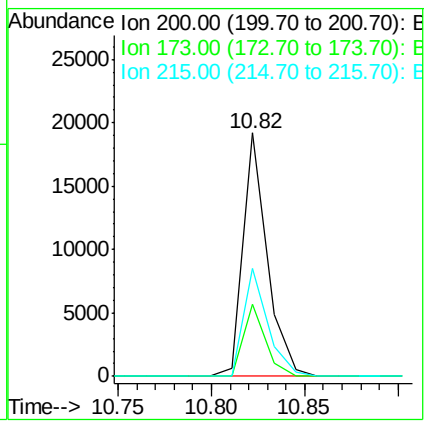




#68
Atrazine
Concen: 2.67 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.03 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:200 Resp: 17323

Ion	Ratio	Lower	Upper
200	100		
173	29.7	8.5	48.5
215	44.4	27.2	67.2



Instrument :
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ClientSampleId :
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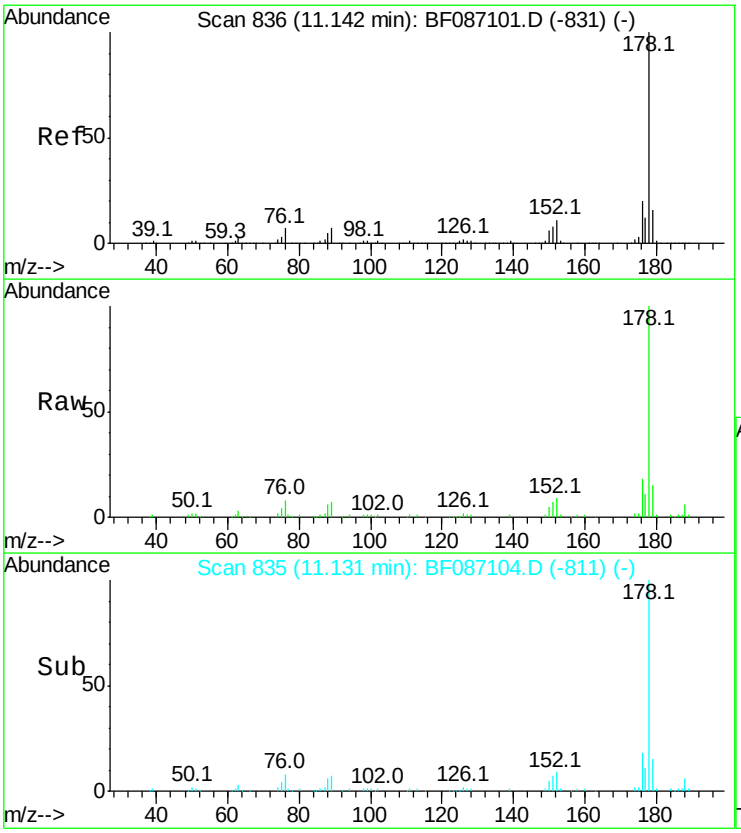
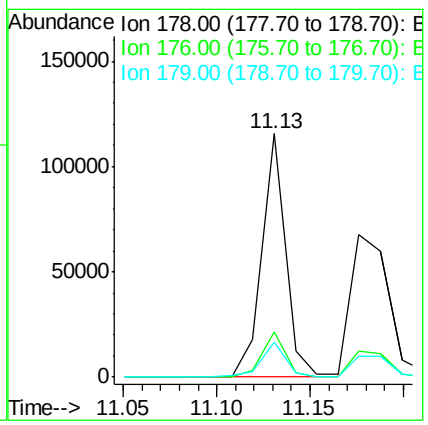
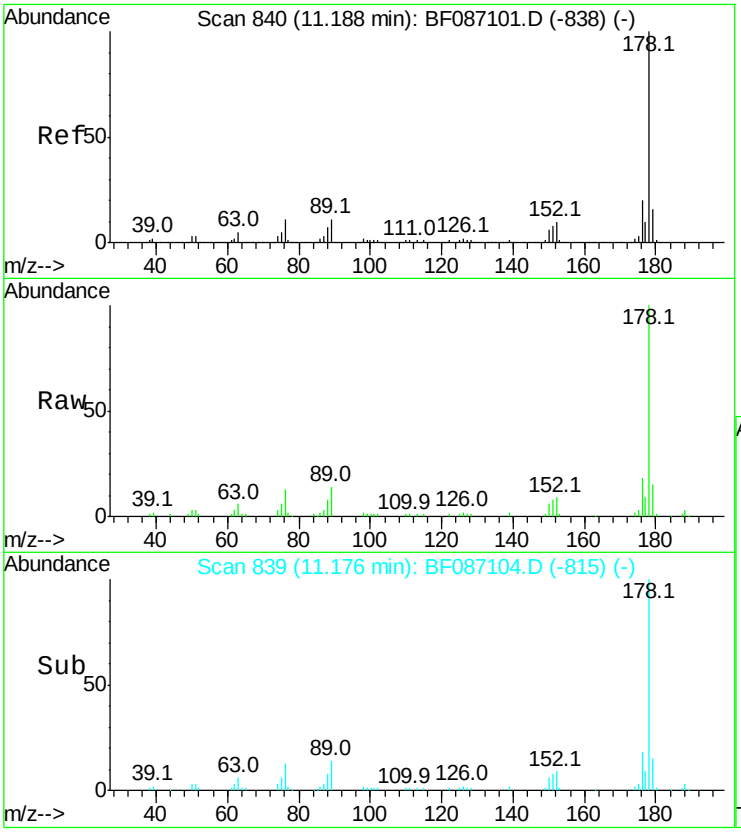


#70
Phenanthrene
Concen: 3.04 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:178 Resp: 102444

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.0	24.0
179	14.6	12.6	18.8

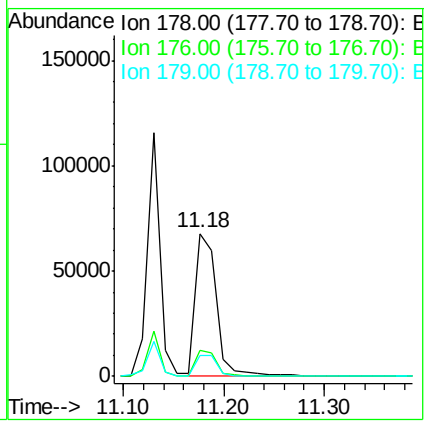




#71
Anthracene
Concen: 2.87 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:178 Resp: 99066

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.6	23.4
179	14.7	12.7	19.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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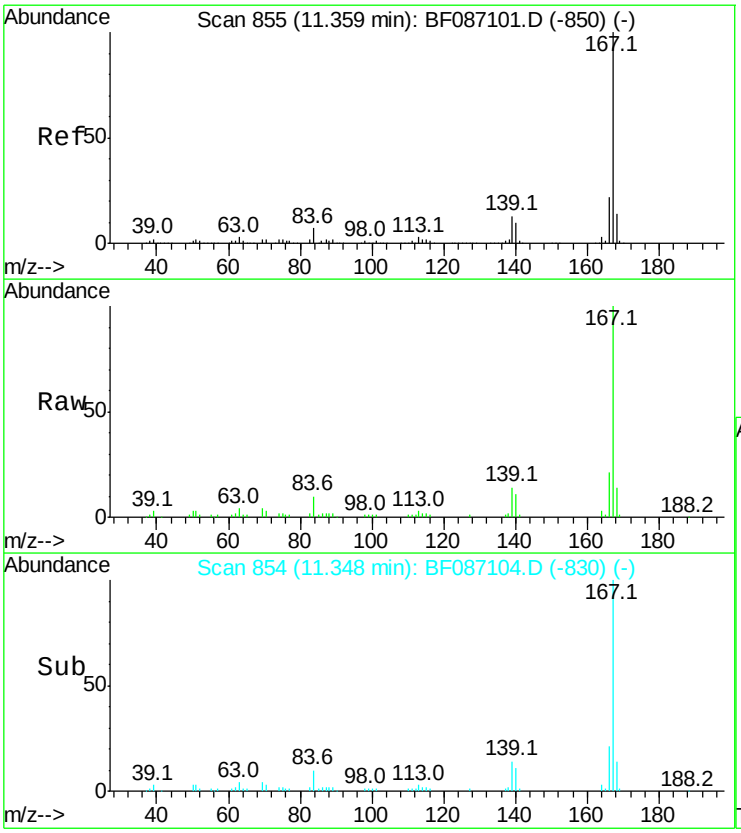
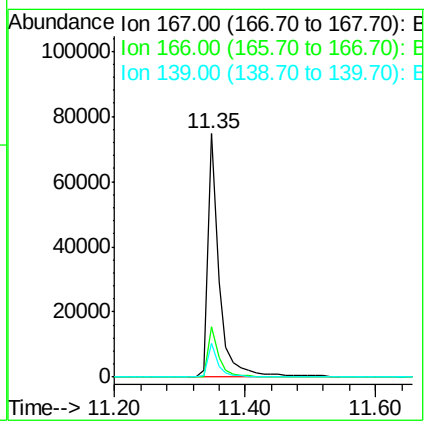
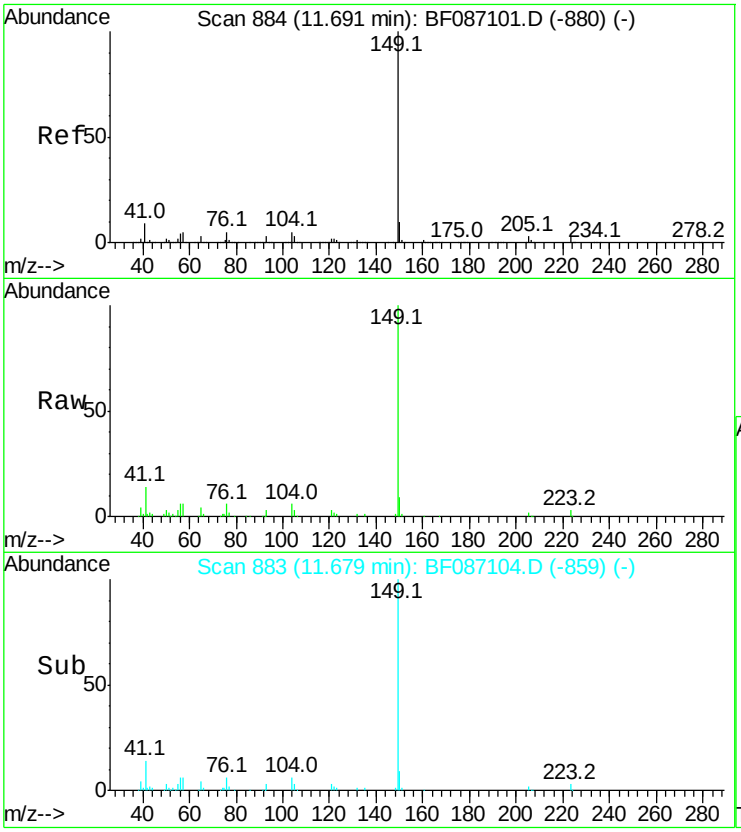


#72
Carbazole
Concen: 3.01 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:167 Resp: 89359

Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.7	26.5
139	13.9	10.8	16.2

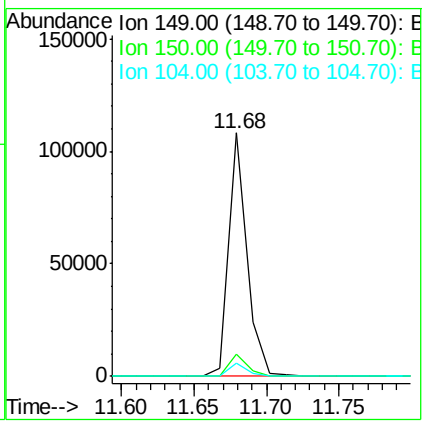




#73
Di-n-butylphthalate
Concen: 2.61 ng
RT: 11.68 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:149 Resp: 94735

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	5.6	3.8	5.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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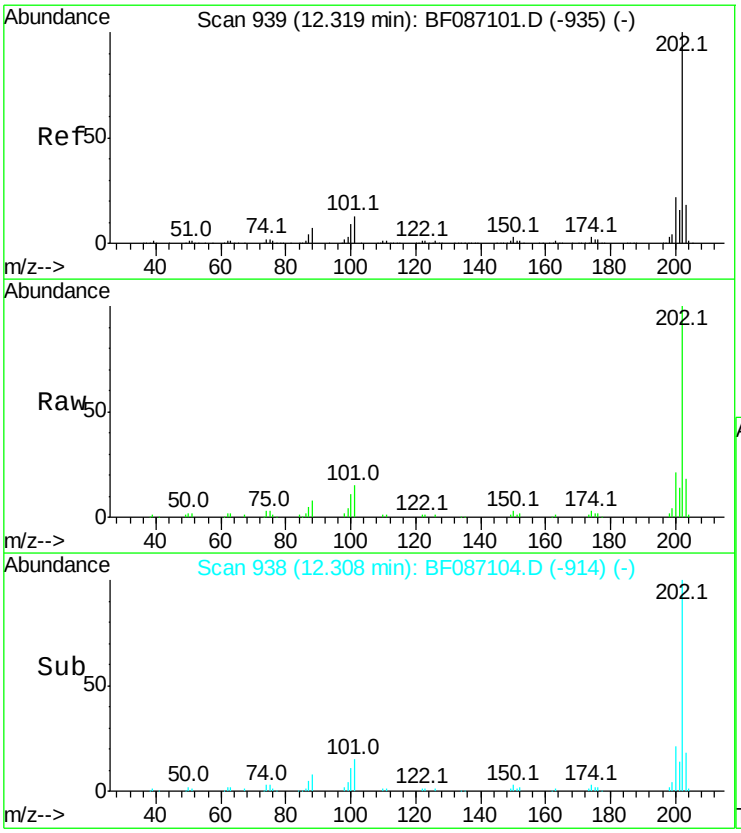
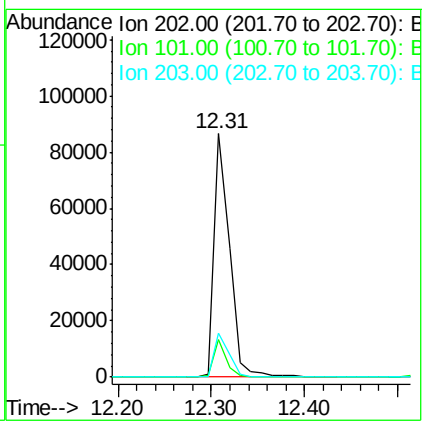
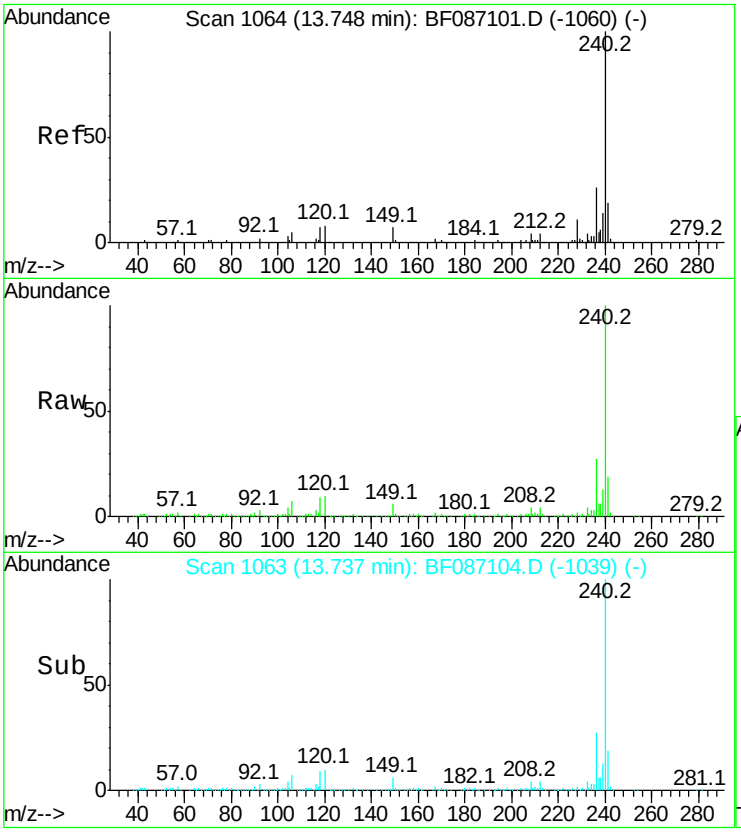


#74
Fluoranthene
Concen: 2.84 ng
RT: 12.31 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:202 Resp: 98427

Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	35.4
203	17.9	0.0	38.1

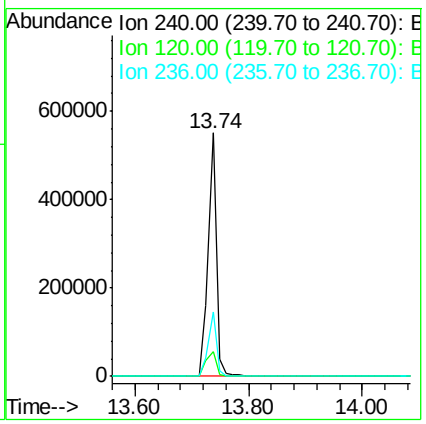




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:240 Resp: 533207

Ion	Ratio	Lower	Upper
240	100		
120	10.4	11.2	16.8#
236	26.5	21.2	31.8



Instrument :
BNA_F
ClientSampleId :
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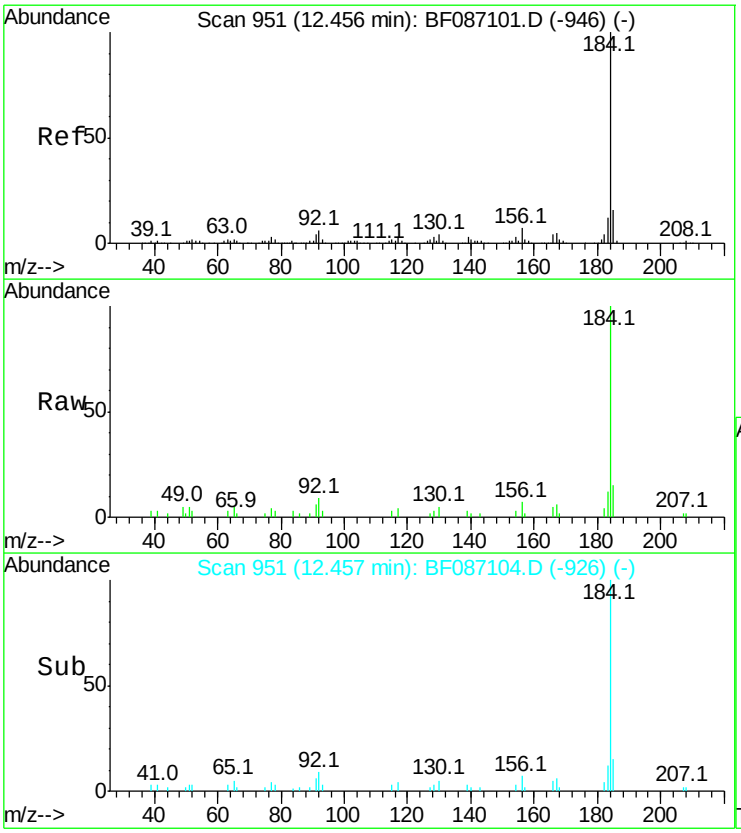
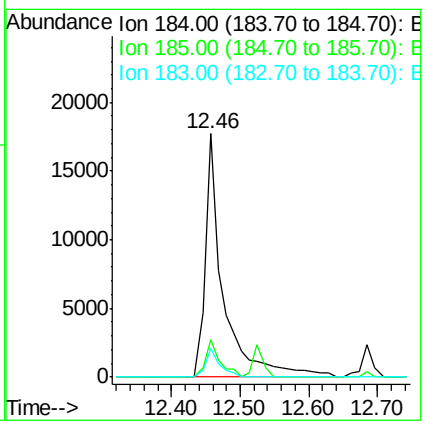
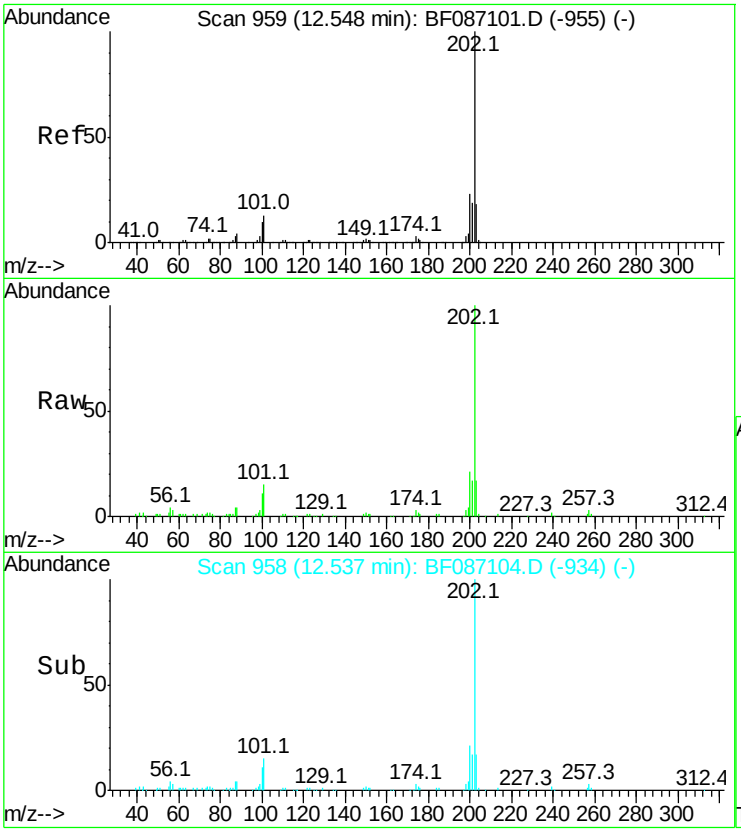


#76
Benzidine
Concen: 2.38 ng
RT: 12.46 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:184 Resp: 32384

Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.6	20.4
183	11.8	9.8	14.6

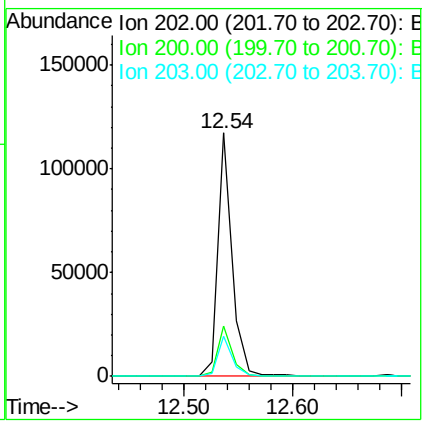




#77
Pyrene
Concen: 2.64 ng
RT: 12.54 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:202 Resp: 107906

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.7	26.5
203	16.5	14.2	21.4



Instrument :
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ClientSampleId :
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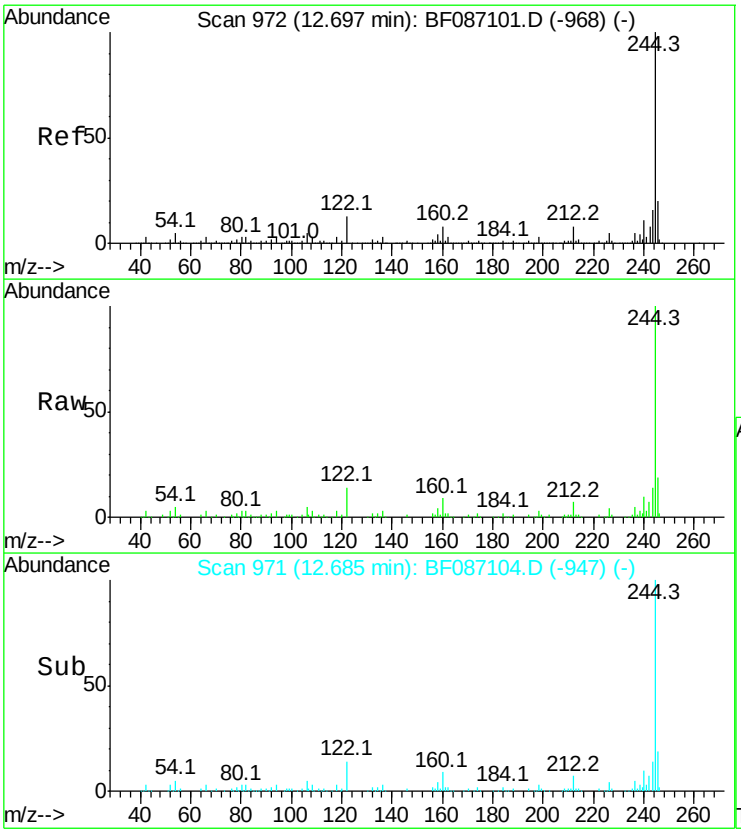
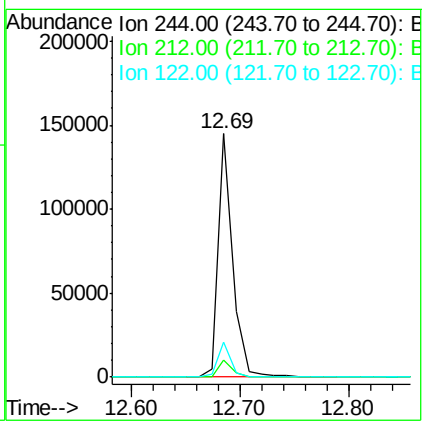
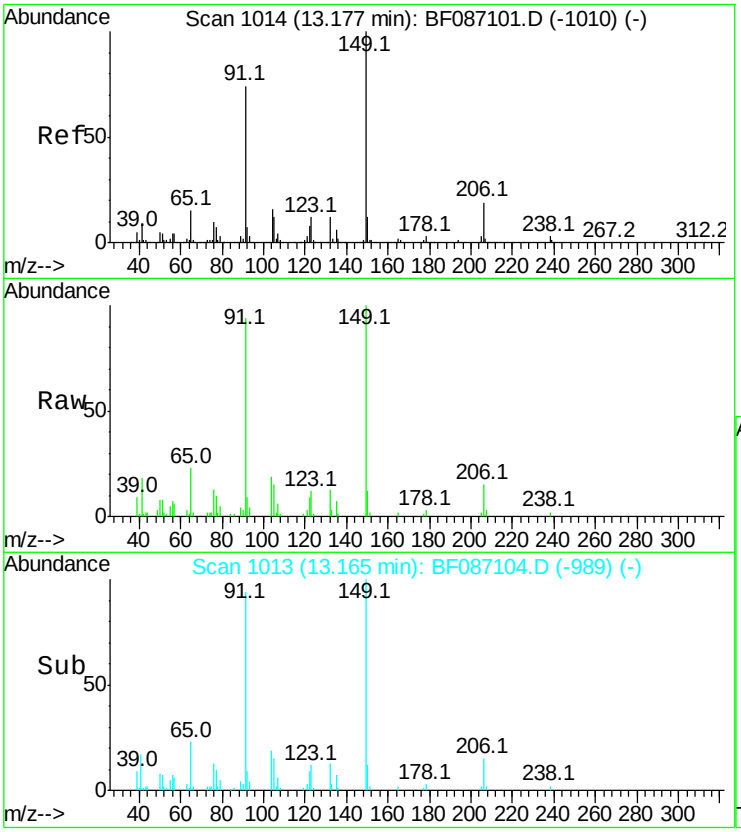


#78
Terphenyl-d14
Concen: 5.36 ng
RT: 12.69 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:244 Resp: 134756

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	14.2	12.0	18.0





#79
Butylbenzylphthalate
Concen: 2.09 ng
RT: 13.17 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:149 Resp: 36037

Ion	Ratio	Lower	Upper
149	100		
91	94.1	48.0	72.0#
206	15.0	15.8	23.6#

Instrument :
BNA_F
ClientSampleId :
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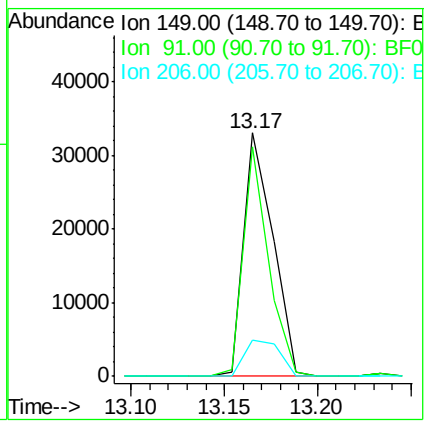
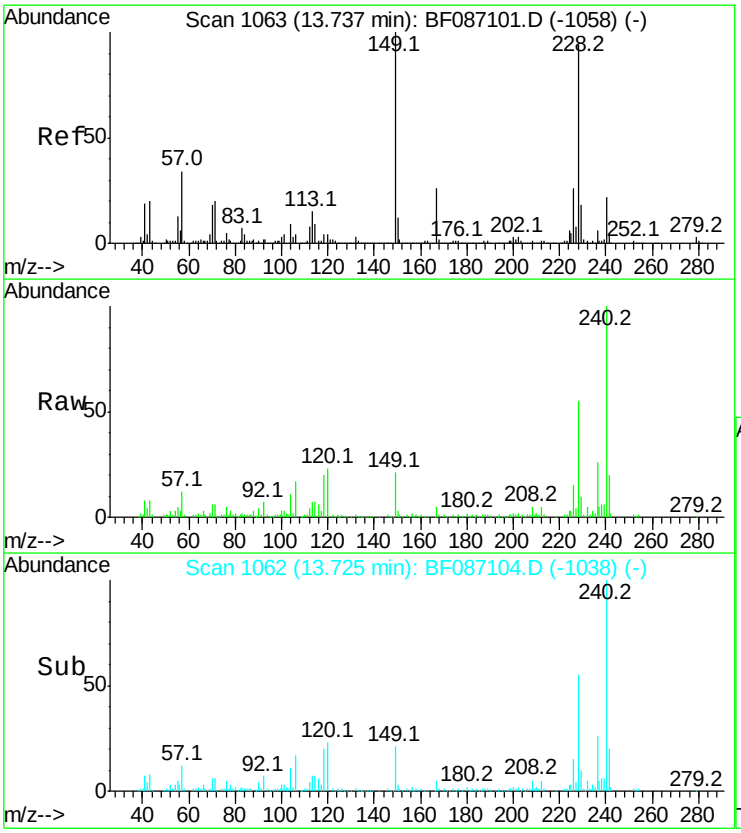
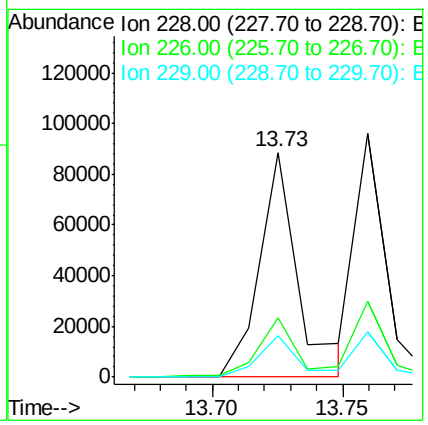


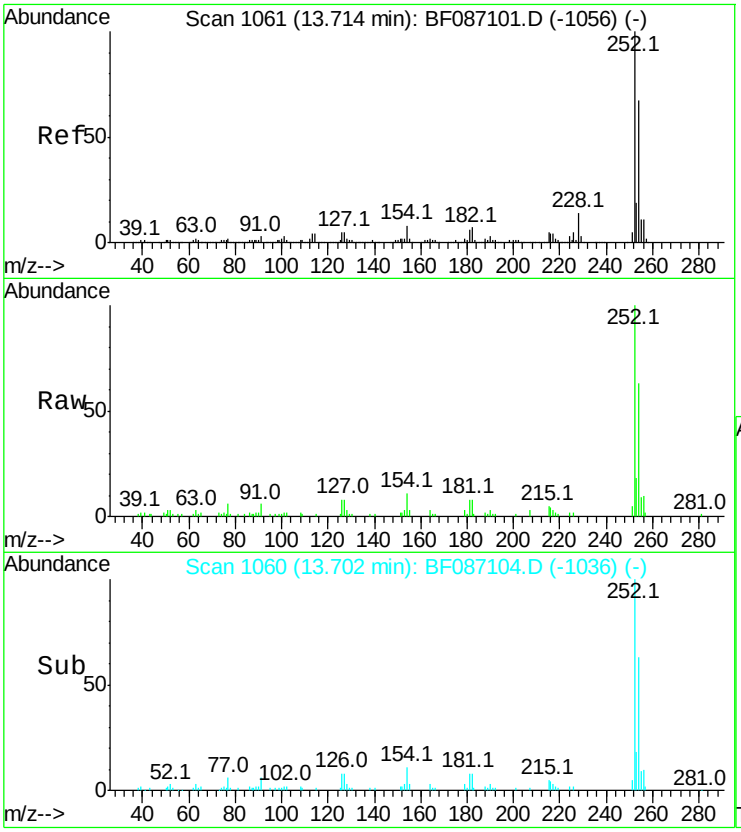


#80
Benzo(a)anthracene
Concen: 3.07 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:228 Resp: 91984

Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.5	33.7
229	18.5	16.6	25.0

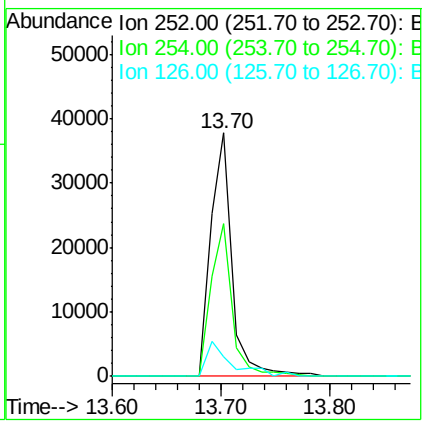




#81
3,3'-Dichlorobenzidine
Concen: 2.72 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:252 Resp: 51734

Ion	Ratio	Lower	Upper
252	100		
254	62.6	50.7	76.1
126	7.9	12.7	19.1#



Instrument :
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ClientSampleId :
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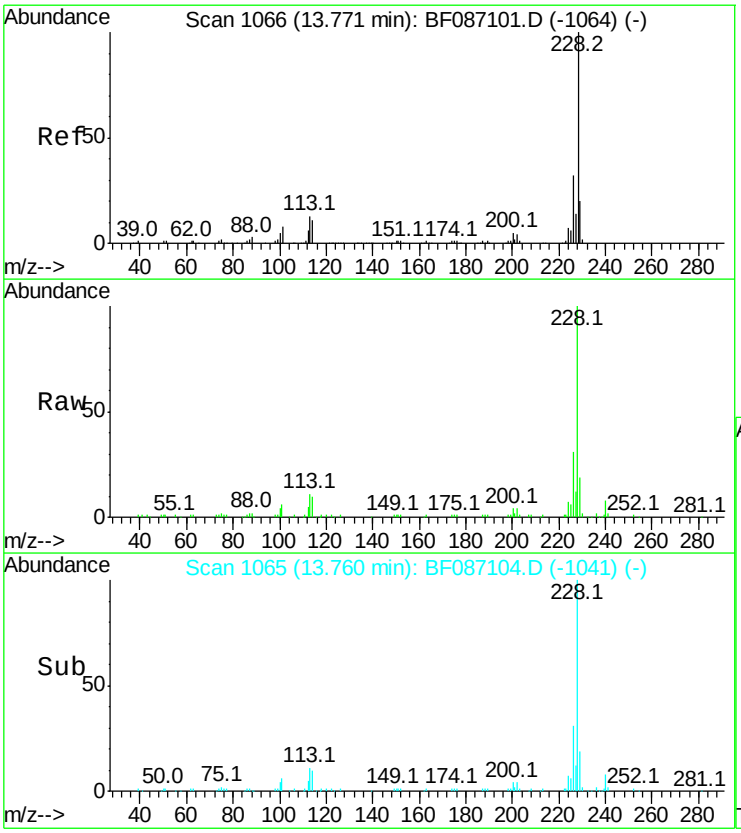
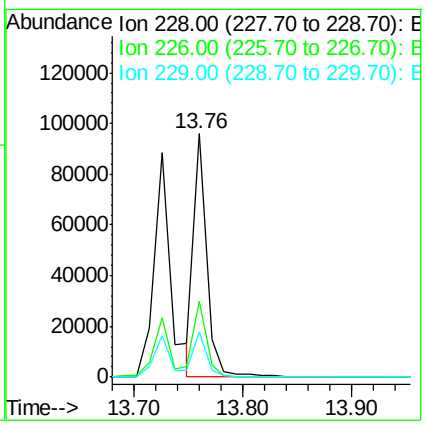
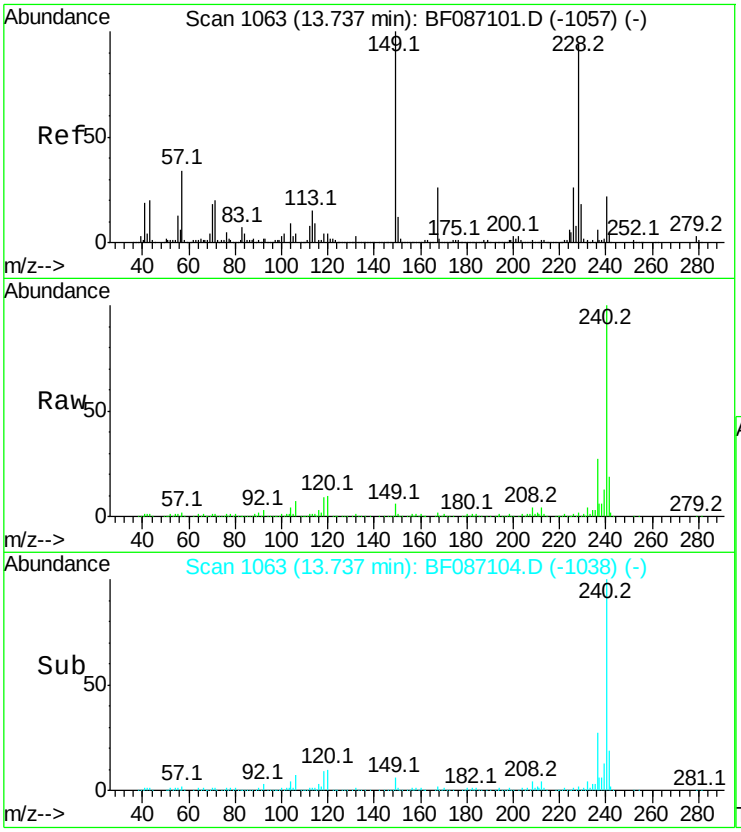


#82
Chrysene
Concen: 2.64 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:228 Resp: 80460

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	18.8	15.8	23.8

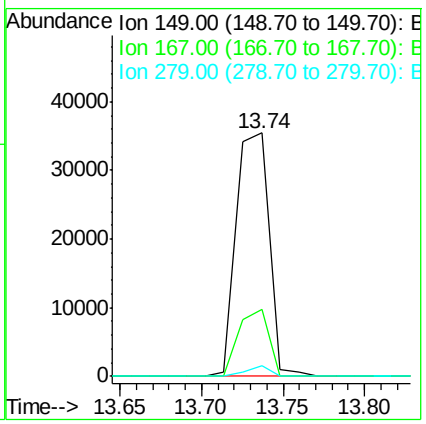




#83
Bis(2-ethylhexyl)phthalate
Concen: 2.37 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:149 Resp: 49218

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.6
279	4.6	2.6	4.0#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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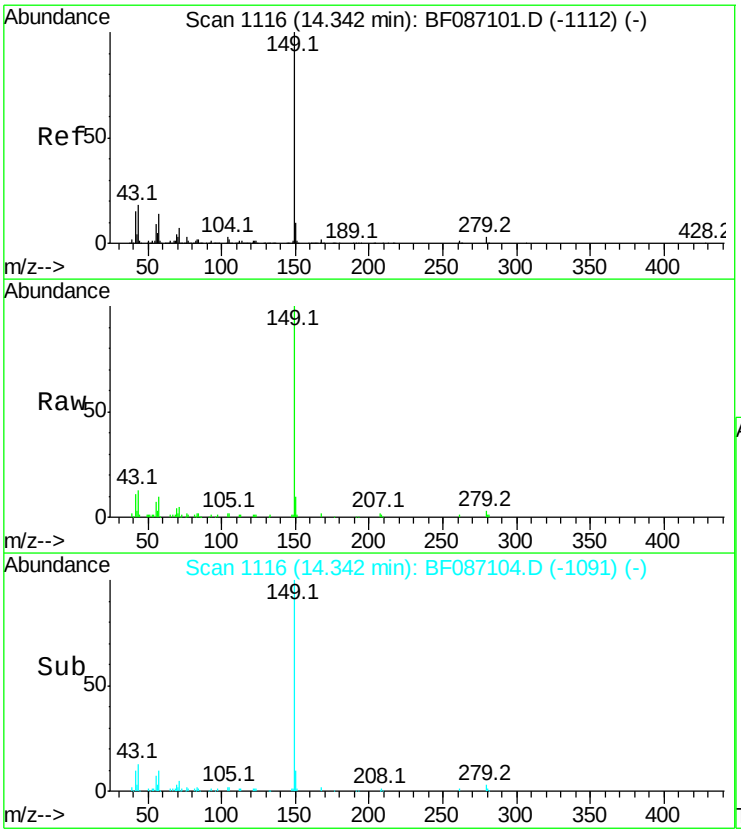
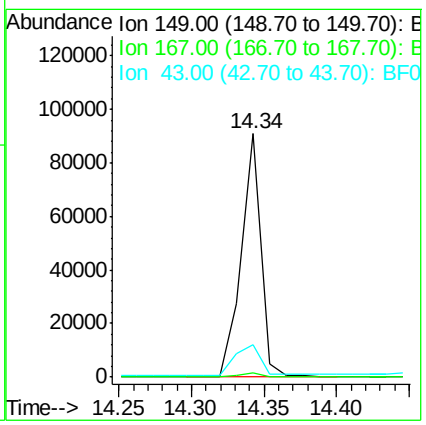
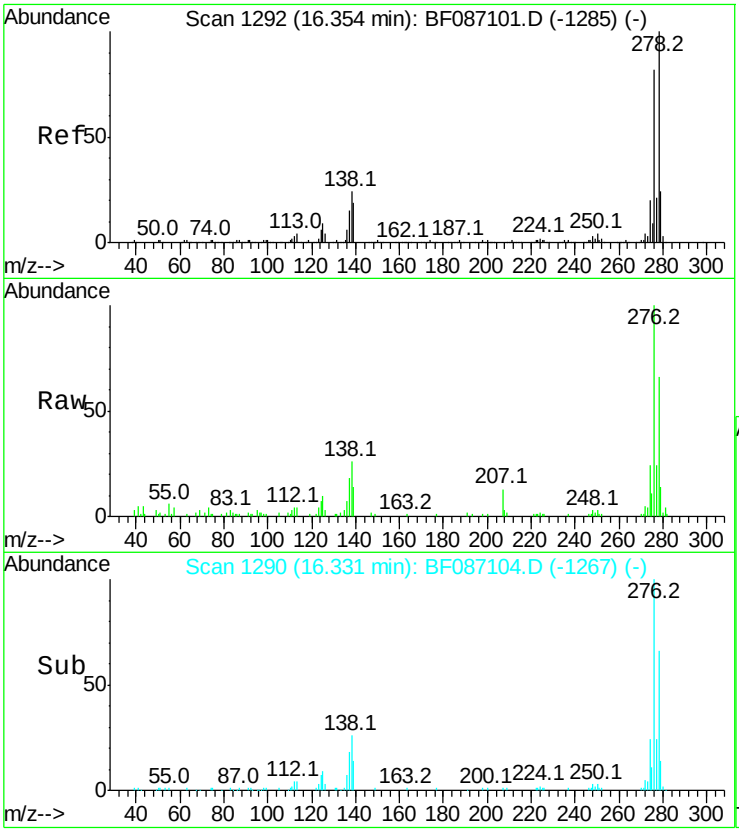


#84
Di-n-octyl phthalate
Concen: 2.48 ng
RT: 14.34 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:149 Resp: 85480

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	17.0	8.2	12.4#





#85
Indeno(1,2,3-cd)pyrene
Concen: 2.65 ng
RT: 16.33 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:276 Resp: 67027

Ion	Ratio	Lower	Upper
276	100		
138	27.3	25.6	38.4
277	24.5	20.5	30.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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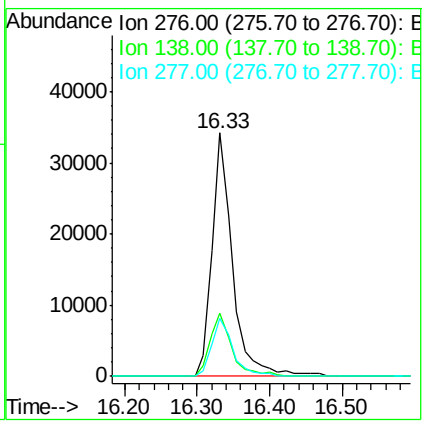
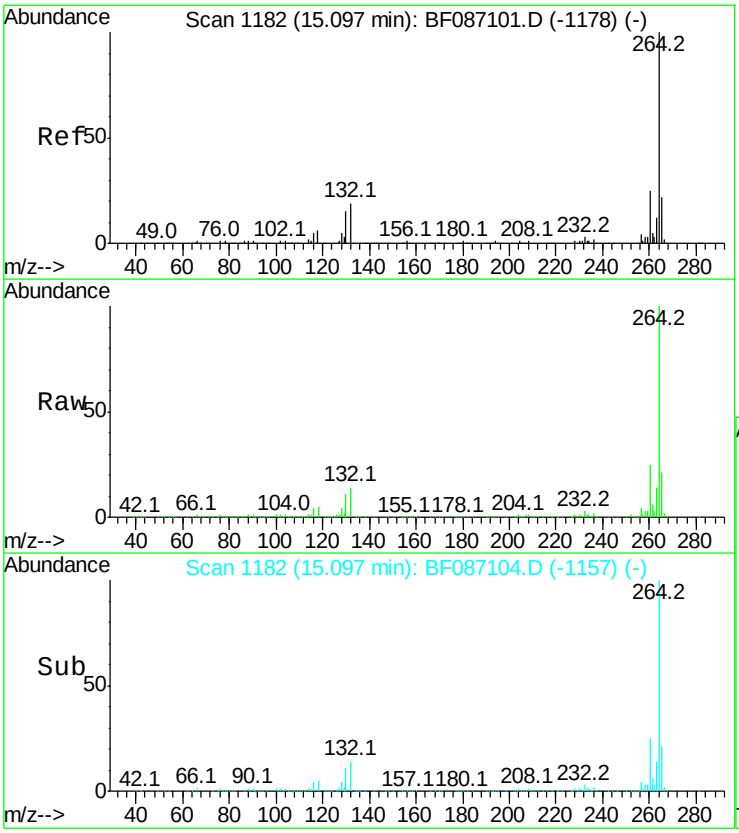
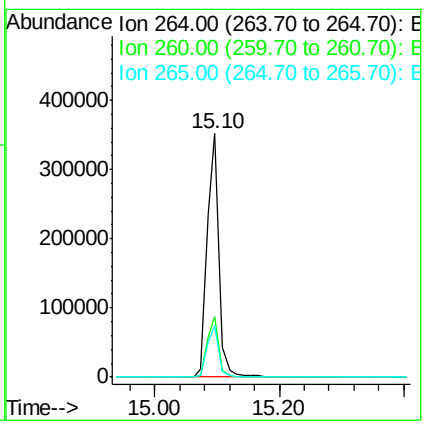


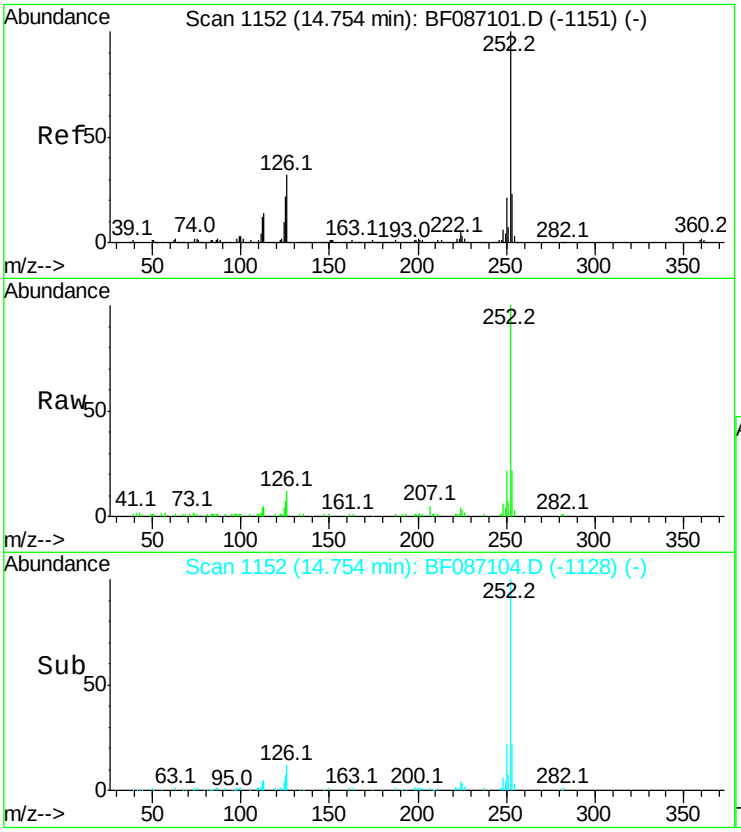


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:264 Resp: 461660

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.4	17.3	25.9





#88
Benzo(k)fluoranthene
Concen: 2.36 ng m
RT: 14.75 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:252 Resp: 57958

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	7.4	9.1	13.7#

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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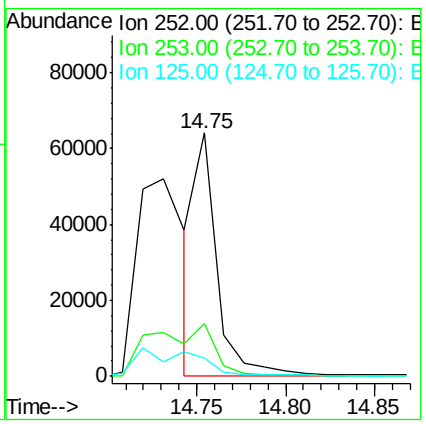
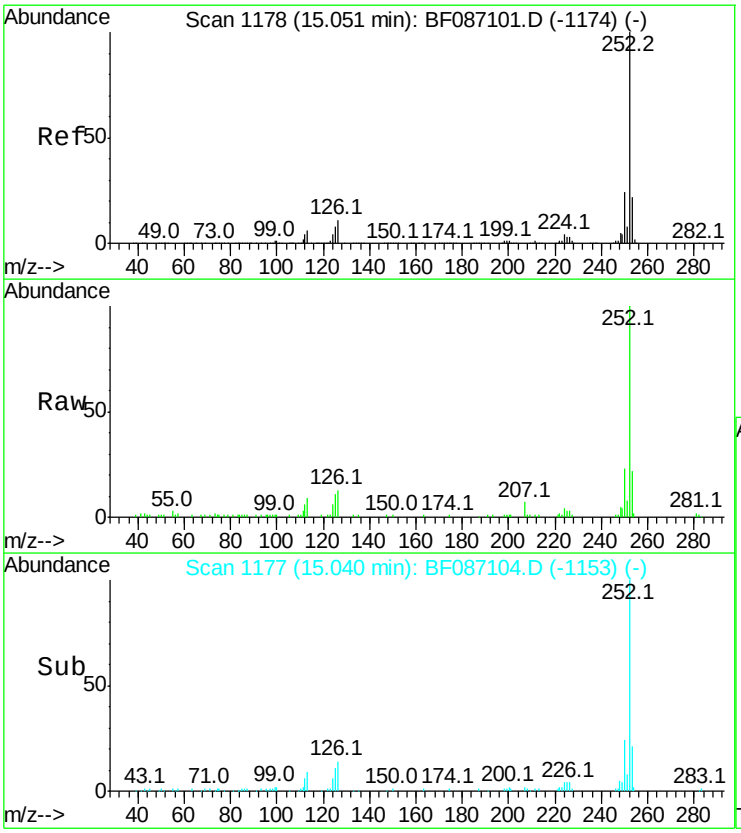
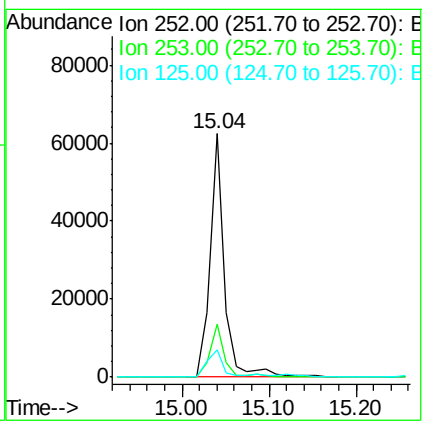


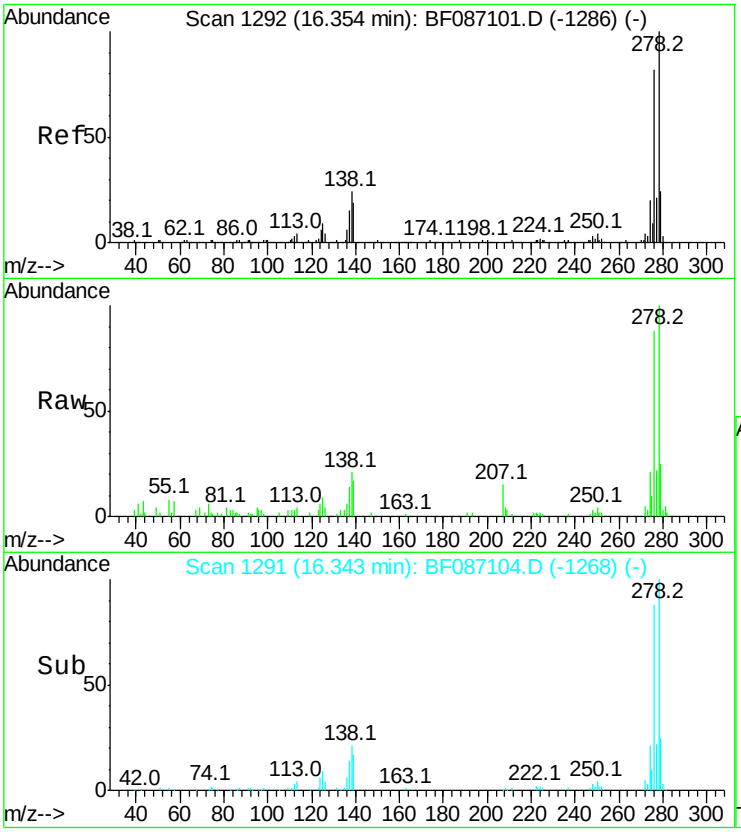


#89
Benzo(a)pyrene
Concen: 2.80 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:252 Resp: 72439

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	11.2	9.0	13.6





#90
Dibenzo(a,h)anthracene
Concen: 2.55 ng
RT: 16.34 min Scan# 1291
Delta R.T. -0.03 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:278 Resp: 55687

Ion	Ratio	Lower	Upper
278	100		
139	17.0	16.6	24.8
279	24.7	19.6	29.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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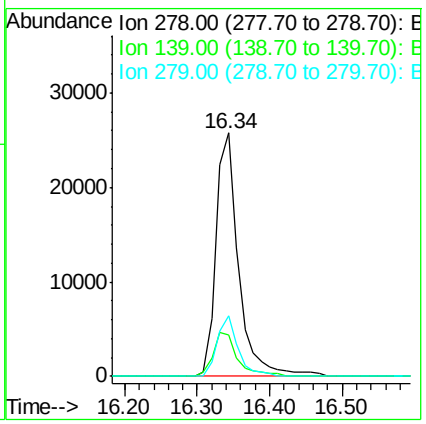

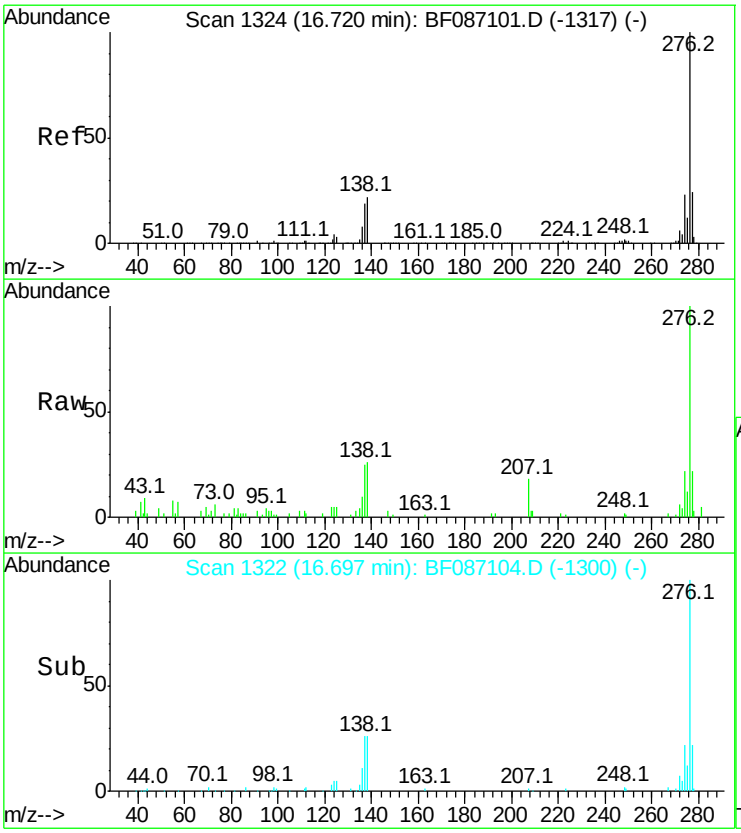

#91
Benzo(g,h,i)perylene
Concen: 2.42 ng
RT: 16.70 min Scan# 1322
Delta R.T. -0.05 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:276 Resp: 53552

Ion	Ratio	Lower	Upper
276	100		
277	22.0	19.6	29.4
138	25.9	23.6	35.4