Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077475.D
Acq On : 26 Feb 2015 20:00
Operator : TP/IZ
Sample : G1384-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

Manual Integrations APPROVED
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Quant Time: Feb 27 04:13:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 26 17:14:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	53226	20.00	ng		0.00
21) Naphthalene-d8	8.84	136	212798	20.00	ng		0.00
38) Acenaphthene-d10	11.01	164	106822	20.00	ng		-0.01
63) Phenanthrene-d10	12.87	188	212252	20.00	ng		0.00
75) Chrysene-d12	16.15	240	242673	20.00	ng		-0.03
86) Perylene-d12	17.85	264	230343	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	464255	145.61	ng		0.00
7) Phenol-d6	6.83	99	600433	146.47	ng		0.00
23) Nitrobenzene-d5	7.96	82	345480	100.96	ng		0.00
41) 2,4,6-Tribromophenol	12.00	330	154982	150.68	ng		-0.01
44) 2-Fluorobiphenyl	10.19	172	698439	101.95	ng		0.00
78) Terphenyl-d14	14.85	244	831436	80.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	48824	36.09	ng		96
3) Pyridine	2.93	79	126394	32.66	ng		95
4) n-Nitrosodimethylamine	2.85	42	70984	42.18	ng		99
6) Aniline	6.85	93	145178	25.62	ng		93
8) 2-Chlorophenol	7.00	128	166816	44.35	ng		88
10) Phenol	6.84	94	231012	47.50	ng		94
11) bis(2-Chloroethyl)ether	6.96	93	156518	44.78	ng		91
12) 1,3-Dichlorobenzene	7.20	146	175855	42.94	ng	#	89
13) 1,4-Dichlorobenzene	7.29	146	178103	42.75	ng		98
14) 1,2-Dichlorobenzene	7.47	146	172975	43.64	ng		98
15) Benzyl Alcohol	7.45	79	138703	44.51	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.63	45	221525	44.34	ng		99
17) 2-Methylphenol	7.60	107	130166	44.28	ng		98
18) Hexachloroethane	7.89	117	60418	43.42	ng		98
19) n-Nitroso-di-n-propylamine	7.78	70	112579	43.25	ng		98
20) 3+4-Methylphenols	7.78	107	170698	44.09	ng	#	81
22) Acetophenone	7.78	105	226866	45.32	ng	#	90
24) Nitrobenzene	7.98	77	169423	47.06	ng		95
25) Isophorone	8.28	82	311699	45.91	ng		98
26) 2-Nitrophenol	8.37	139	79733	54.03	ng		98
27) 2,4-Dimethylphenol	8.43	122	141653	42.91	ng		94
28) bis(2-Chloroethoxy)methane	8.56	93	184605	43.04	ng		98
29) 2,4-Dichlorophenol	8.67	162	142966	46.13	ng		94
30) 1,2,4-Trichlorobenzene	8.77	180	148329	43.53	ng		98
31) Naphthalene	8.86	128	475173	44.65	ng		99
32) Benzoic acid	8.52	122	69439	43.28	ng		99
33) 4-Chloroaniline	8.94	127	121970	25.78	ng		98
34) Hexachlorobutadiene	9.02	225	89642	46.08	ng		100
35) Caprolactam	9.36	113	43362	45.83	ng	#	85
36) 4-Chloro-3-methylphenol	9.55	107	140928	45.23	ng		89
37) 2-Methylnaphthalene	9.73	142	333807	44.17	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.94	216	151455	49.41	ng		98
40) Hexachlorocyclopentadiene	9.93	237	167172	101.72	ng		100
42) 2,4,6-Trichlorophenol	10.08	196	100667	49.59	ng		100

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Operator : TP/IZ
Sample : G1384-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

Manual Integrations APPROVED
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Quant Time: Feb 27 04:13:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 26 17:14:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	10.12	196	111155	51.21	ng	#	92
45) 1,1'-Biphenyl	10.32	154	393129	48.58	ng		99
46) 2-Chloronaphthalene	10.33	162	314953	49.62	ng		100
47) 2-Nitroaniline	10.45	65	83856	53.67	ng		95
48) Acenaphthylene	10.84	152	515082	51.26	ng		100
49) Dimethylphthalate	10.69	163	408641	54.42	ng		100
50) 2,6-Dinitrotoluene	10.77	165	81892	54.38	ng		96
51) Acenaphthene	11.06	154	302542	50.46	ng		99
52) 3-Nitroaniline	10.97	138	65107	37.50	ng		97
53) 2,4-Dinitrophenol	11.11	184	60905	132.92	ng		95
54) Dibenzofuran	11.28	168	457241	49.39	ng		97
55) 4-Nitrophenol	11.19	139	155350	111.25	ng		91
56) 2,4-Dinitrotoluene	11.27	165	112056	55.07	ng		92
57) Fluorene	11.70	166	374056	50.54	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.43	232	91191	52.26	ng		97
59) Diethylphthalate	11.57	149	360485	48.70	ng		99
60) 4-Chlorophenyl-phenylether	11.71	204	174765	49.01	ng		99
61) 4-Nitroaniline	11.72	138	82725	49.71	ng		97
62) Azobenzene	11.91	77	374327	53.30	ng		97
64) 4,6-Dinitro-2-methylphenol	11.77	198	39147	46.36	ng		98
65) n-Nitrosodiphenylamine	11.86	169	314208	44.62	ng		99
66) 4-Bromophenyl-phenylether	12.32	248	105237	42.34	ng		97
67) Hexachlorobenzene	12.37	284	113882	42.69	ng	#	90
68) Atrazine	12.52	200	102368	44.71	ng		98
69) Pentachlorophenol	12.63	266	130377	92.99	ng		98
70) Phenanthrene	12.89	178	553625	45.00	ng		99
71) Anthracene	12.96	178	556863	45.61	ng		98
72) Carbazole	13.16	167	534693	46.06	ng		99
73) Di-n-butylphthalate	13.61	149	607554	44.57	ng		99
74) Fluoranthene	14.36	202	599000	44.57	ng		97
76) Benzidine	14.55	184	312029	38.06	ng		97
77) Pyrene	14.65	202	632960	42.64	ng		99
79) Butylbenzylphthalate	15.47	149	276696	45.31	ng	#	85
80) Benzo(a)anthracene	16.13	228	609999	42.89	ng		99
81) 3,3'-Dichlorobenzidine	16.11	252	150763	28.93	ng	#	96
82) Chrysene	16.18	228	582647	43.63	ng		99
83) Bis(2-ethylhexyl)phthalate	16.19	149	410871	41.95	ng	#	95
84) Di-n-octyl phthalate	16.98	149	718645	43.95	ng		97
85) Indeno(1,2,3-cd)pyrene	19.30	276	688759m	45.23	ng		
87) Benzo(b)fluoranthene	17.41	252	593426	44.30	ng	#	97
88) Benzo(k)fluoranthene	17.45	252	615163m	46.86	ng		
89) Benzo(a)pyrene	17.79	252	588553	46.14	ng		98
90) Dibenzo(a,h)anthracene	19.33	278	568365	46.72	ng		100
91) Benzo(g,h,i)perylene	19.73	276	567877	46.25	ng		96

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

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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077475.D
Acq On : 26 Feb 2015 20:00
Operator : TP/IZ
Sample : G1384-01MSD
Misc :
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Quant Time: Feb 27 04:13:26 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 26 17:14:46 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

Manual Integrations APPROVED
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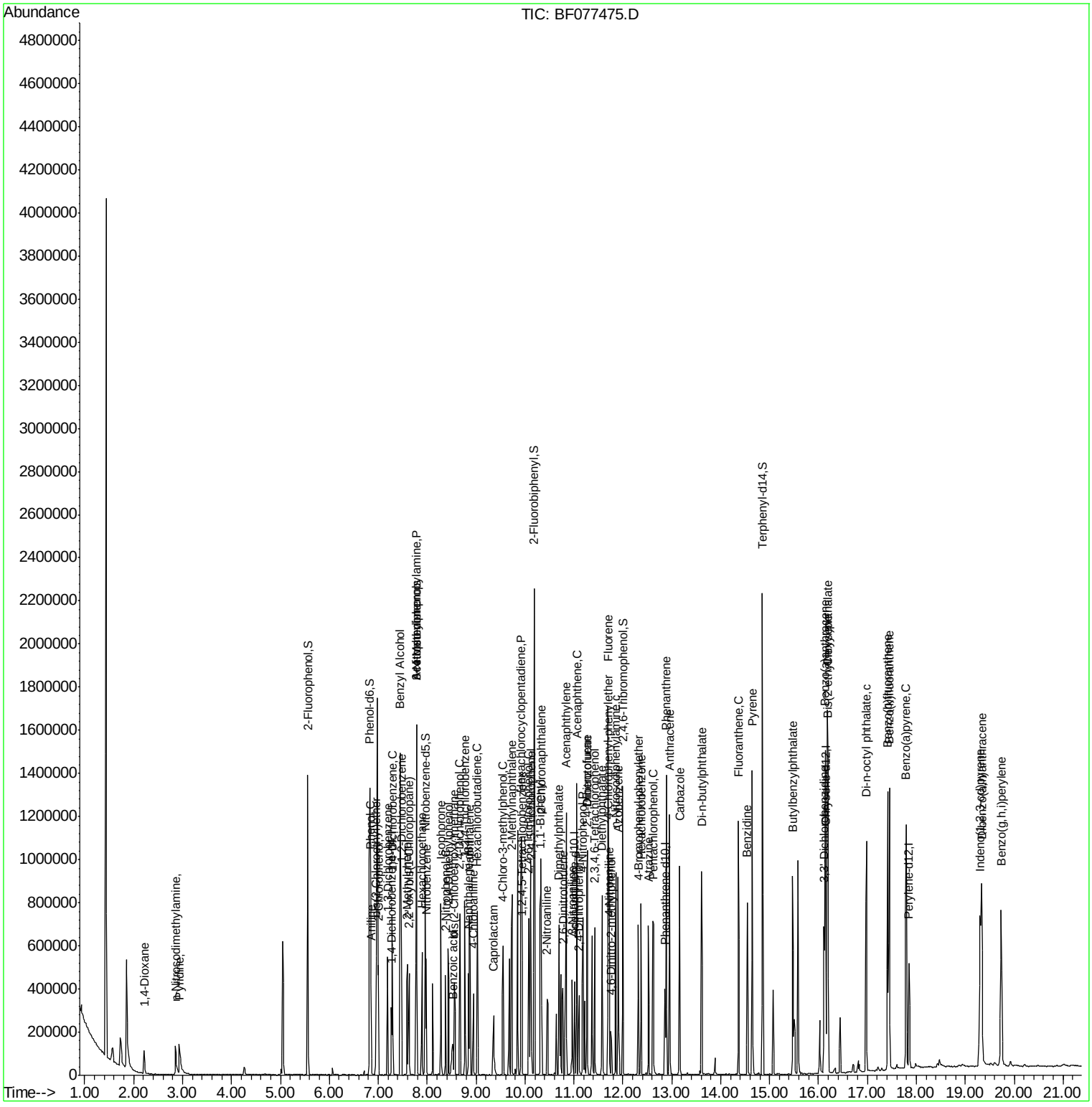
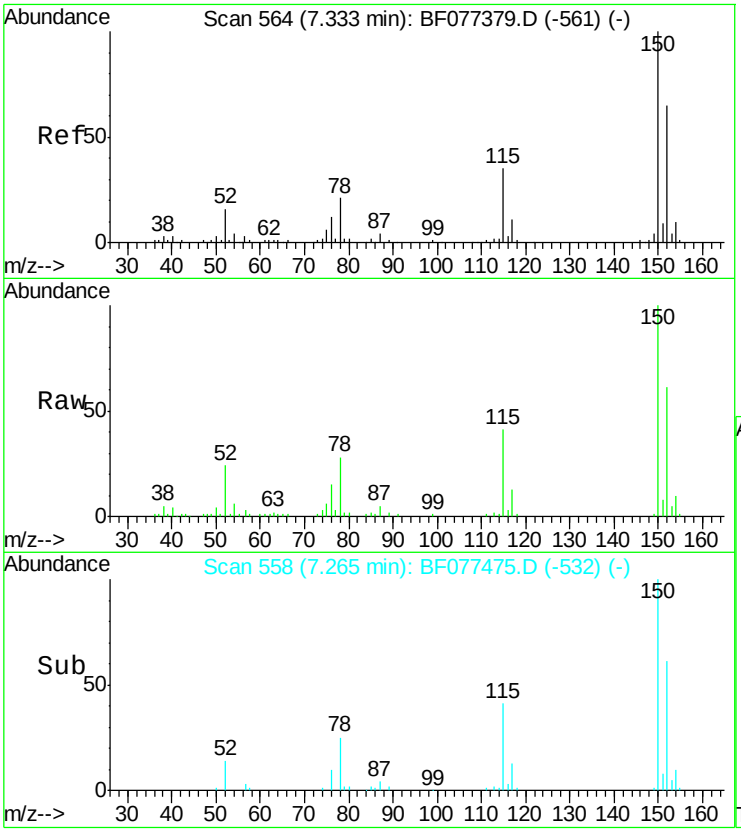
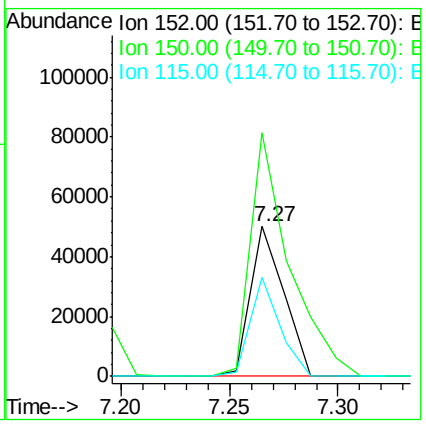




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:152 Resp: 53226

Ion	Ratio	Lower	Upper
152	100		
150	162.7	124.0	186.0
115	66.1	49.4	74.2



Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

Manual Integrations APPROVED
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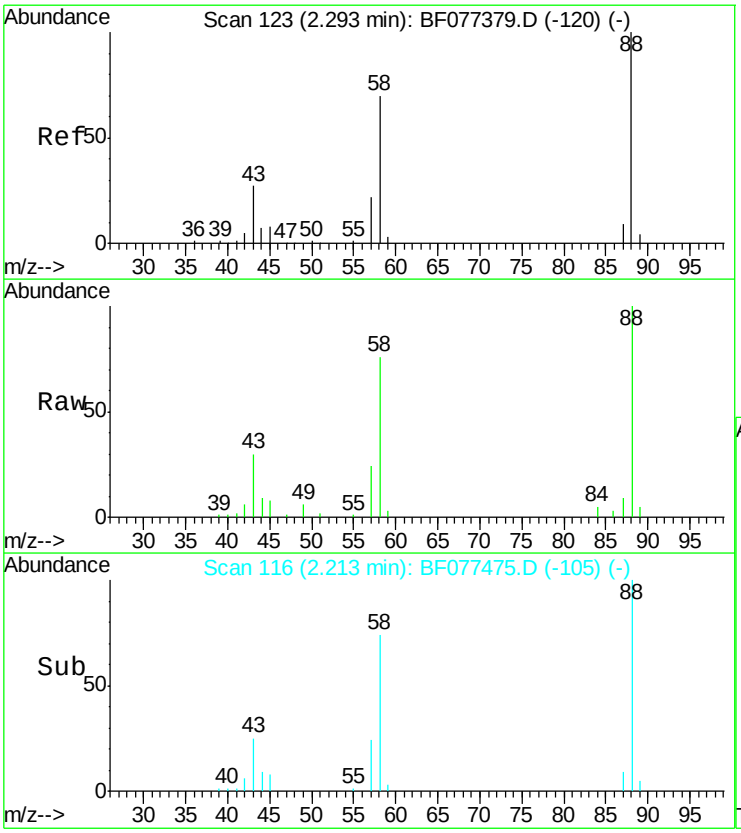
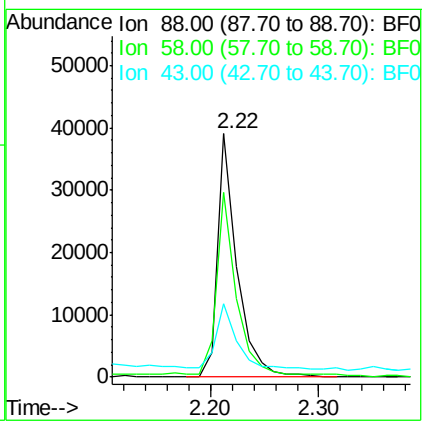
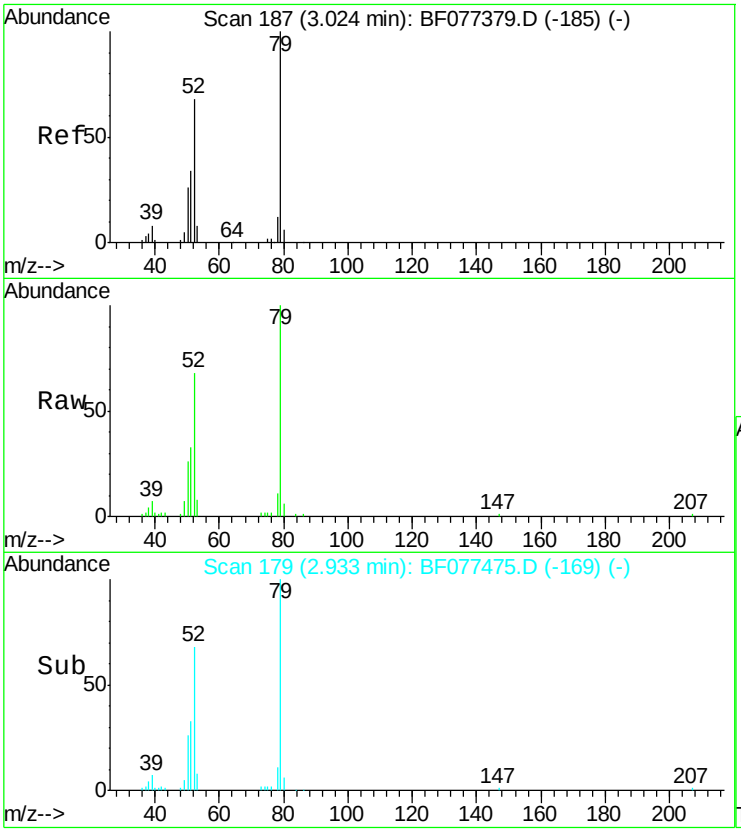


#2
1,4-Dioxane
Concen: 36.09 ng
RT: 2.21 min Scan# 116
Delta R.T. 0.02 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion: 88 Resp: 48824

Ion	Ratio	Lower	Upper
88	100		
58	82.1	62.1	93.1
43	30.1	24.0	36.0

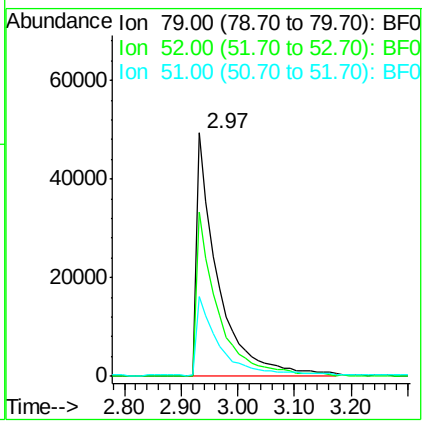




#3
Pyridine
Concen: 32.66 ng
RT: 2.93 min Scan# 179
Delta R.T. 0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion: 79 Resp: 126394

Ion	Ratio	Lower	Upper
79	100		
52	67.6	57.7	86.5
51	33.0	28.5	42.7



Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

Manual Integrations APPROVED
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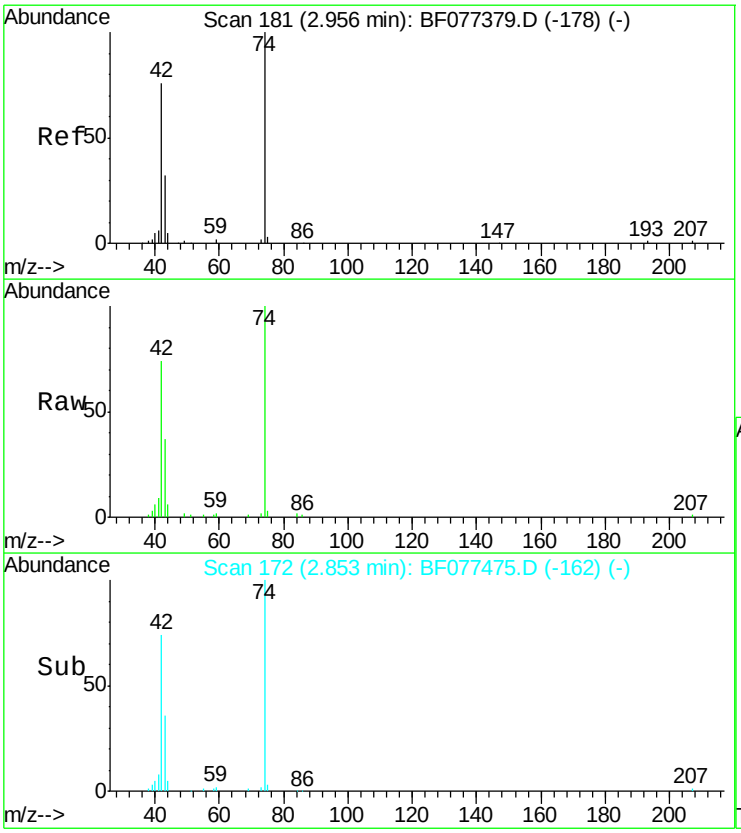
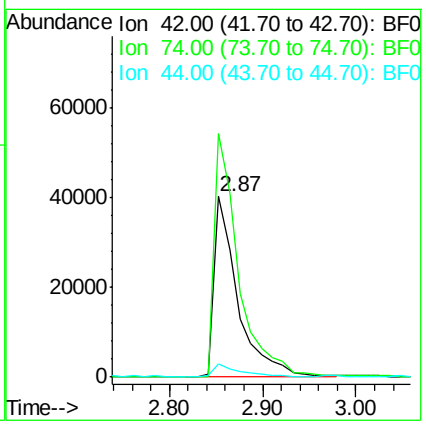
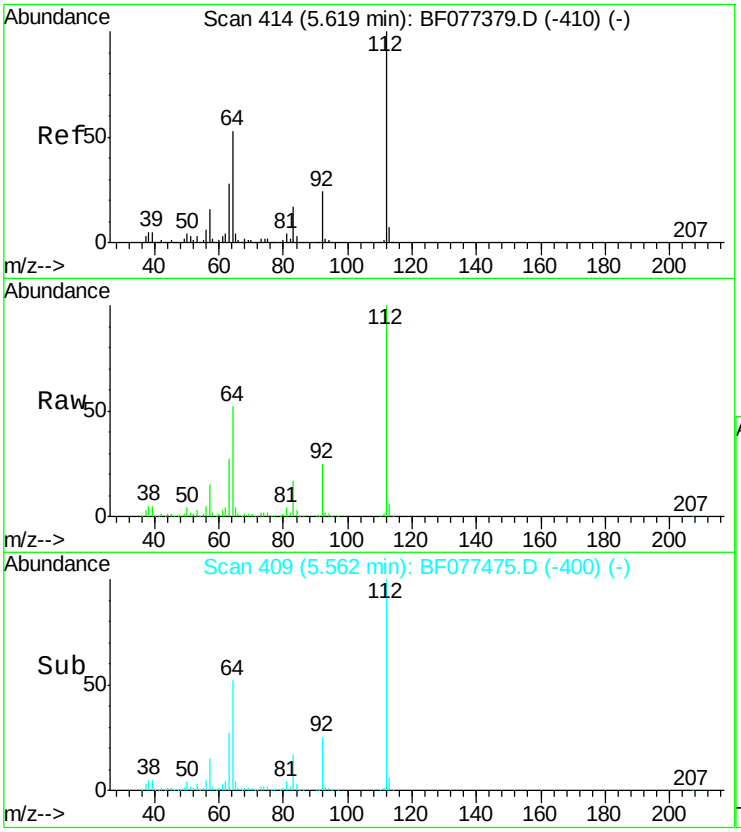


#4
n-Nitrosodimethylamine
Concen: 42.18 ng
RT: 2.85 min Scan# 172
Delta R.T. 0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion: 42 Resp: 70984

Ion	Ratio	Lower	Upper
42	100		
74	134.7	107.1	160.7
44	7.5	6.7	10.1

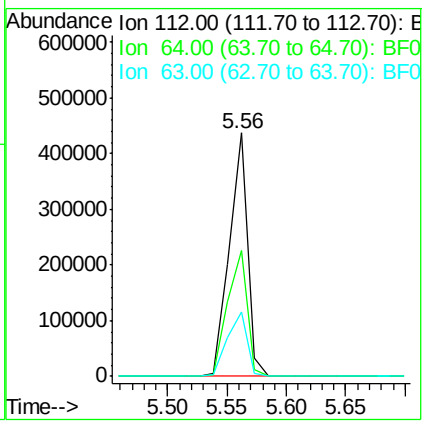




#5
2-Fluorophenol
Concen: 145.61 ng
RT: 5.56 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:112 Resp: 464255

Ion	Ratio	Lower	Upper
112	100		
64	51.8	48.5	72.7
63	26.7	25.0	37.4



Instrument :
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ClientSampleId :
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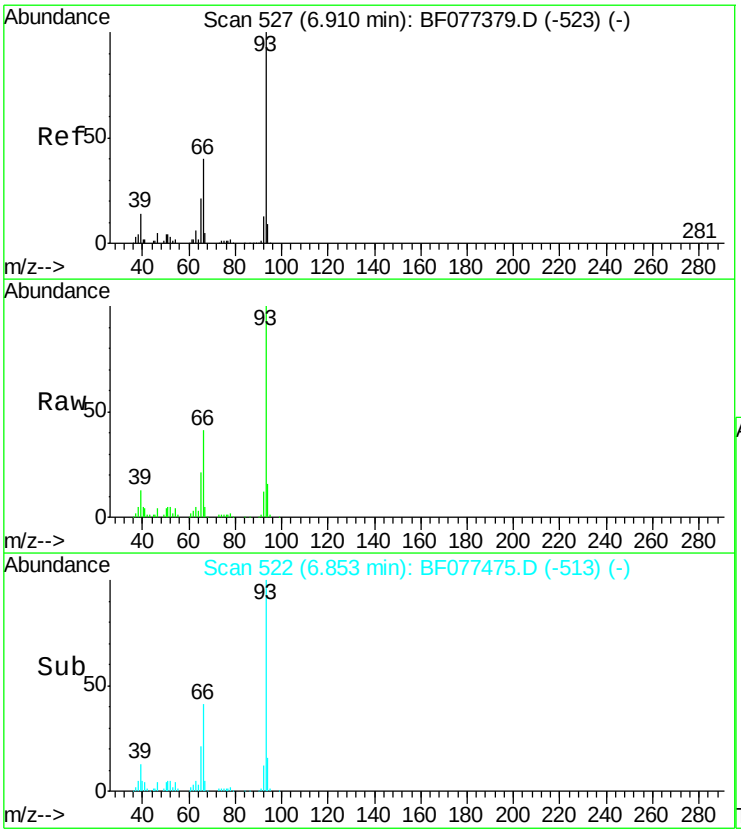
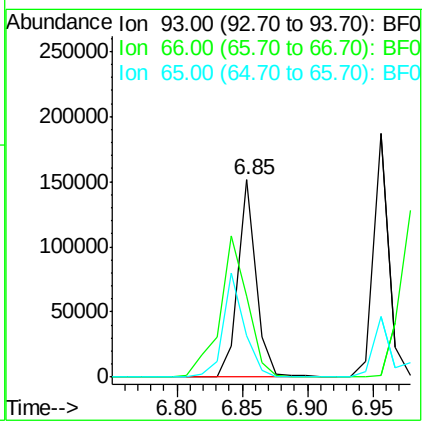
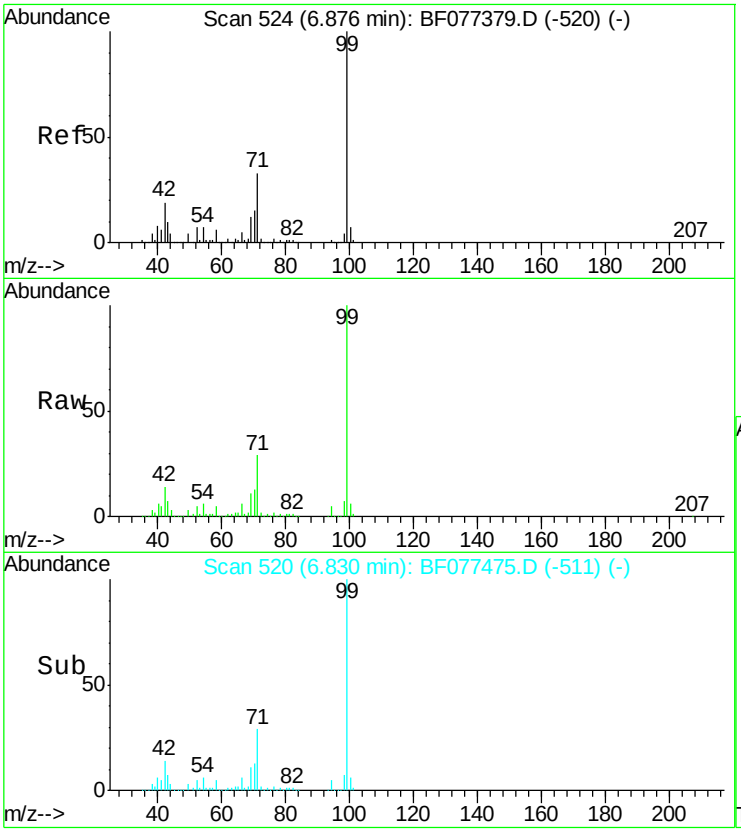


#6
Aniline
Concen: 25.62 ng
RT: 6.85 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion: 93 Resp: 145178

Ion	Ratio	Lower	Upper
93	100		
66	40.8	29.1	43.7
65	20.8	14.6	22.0

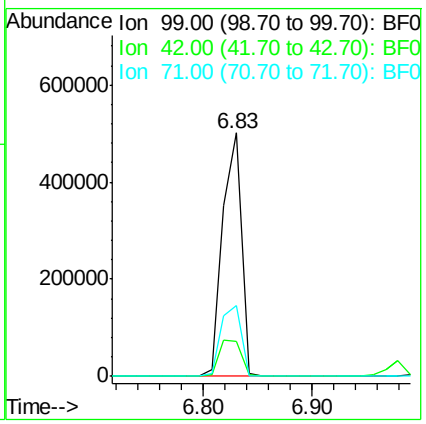




#7
Phenol-d6
Concen: 146.47 ng
RT: 6.83 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion: 99 Resp: 600433

Ion	Ratio	Lower	Upper
99	100		
42	14.2	16.2	24.4#
71	29.2	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
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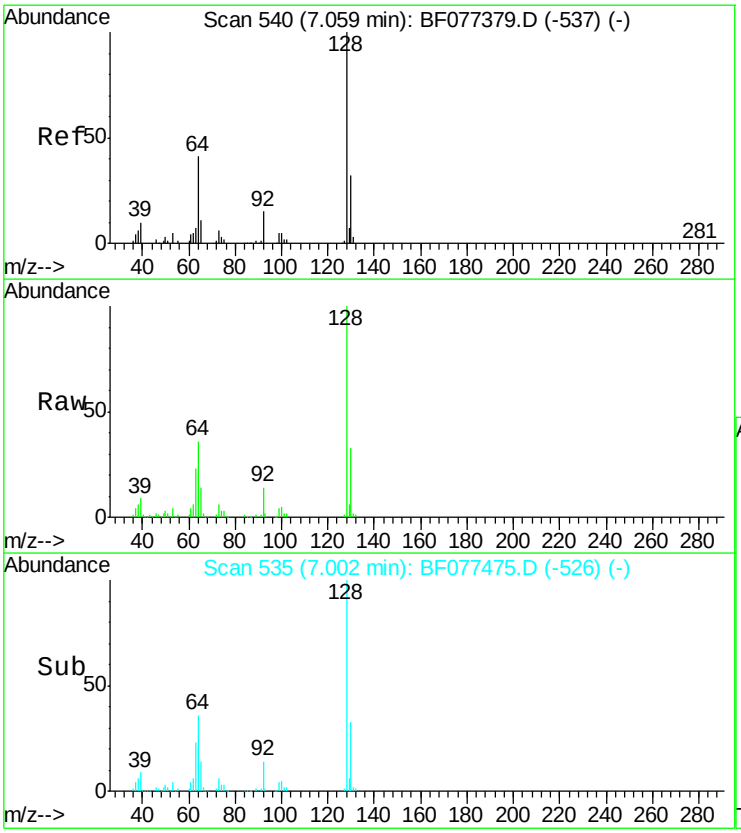
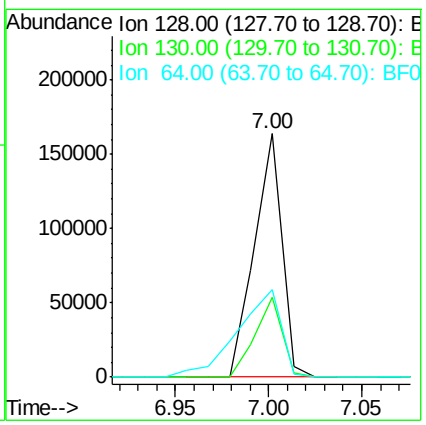
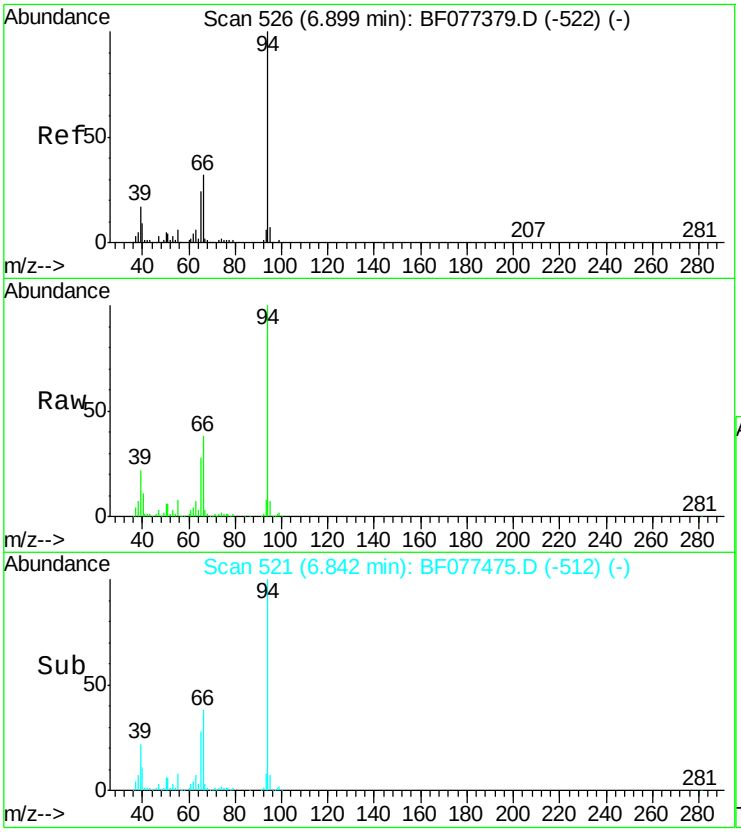


#8
2-Chlorophenol
Concen: 44.35 ng
RT: 7.00 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:128 Resp: 166816

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.0	52.0
64	36.0	29.2	69.2

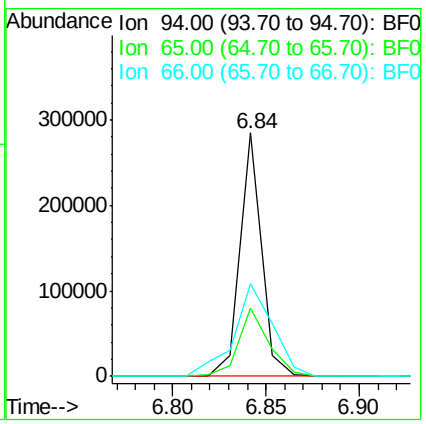




#10
Phenol
Concen: 47.50 ng
RT: 6.84 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion: 94 Resp: 231012

Ion	Ratio	Lower	Upper
94	100		
65	27.9	5.7	45.7
66	37.9	13.6	53.6



Instrument :
BNA_F
ClientSampleId :
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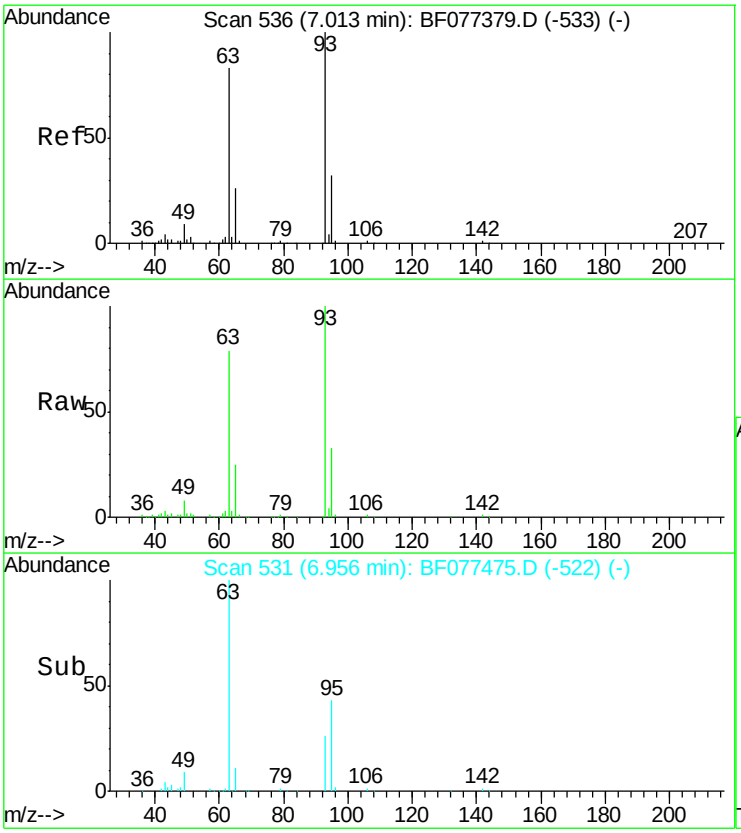
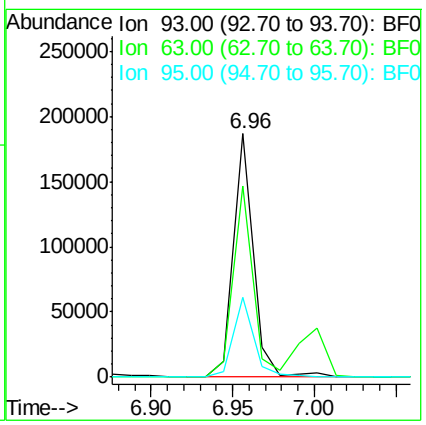
2/27/2015 4:21:10 PM

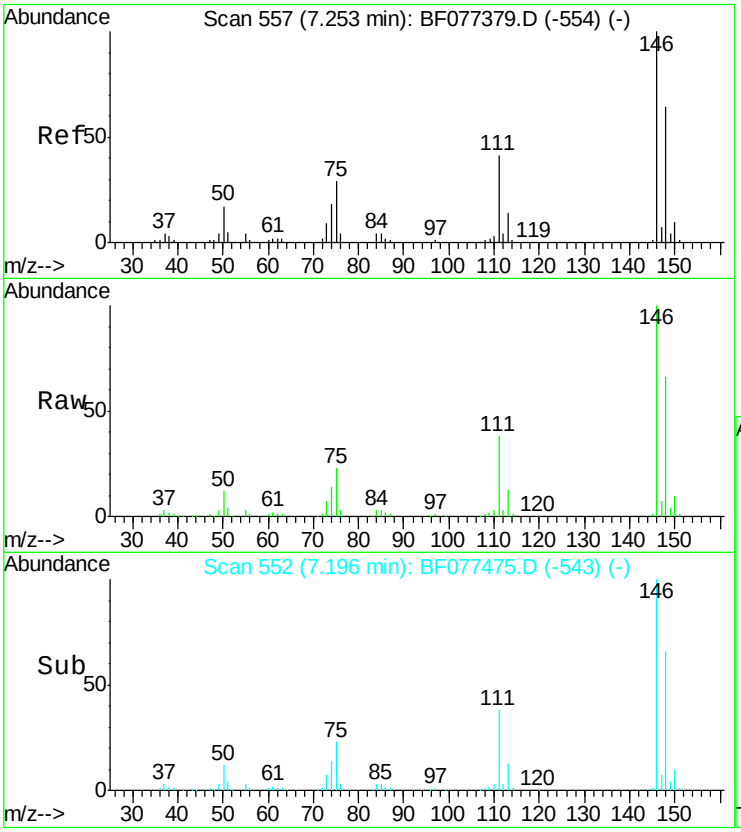


#11
bis(2-Chloroethyl)ether
Concen: 44.78 ng
RT: 6.96 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion: 93 Resp: 156518

Ion	Ratio	Lower	Upper
93	100		
63	78.7	48.7	88.7
95	32.8	13.6	53.6

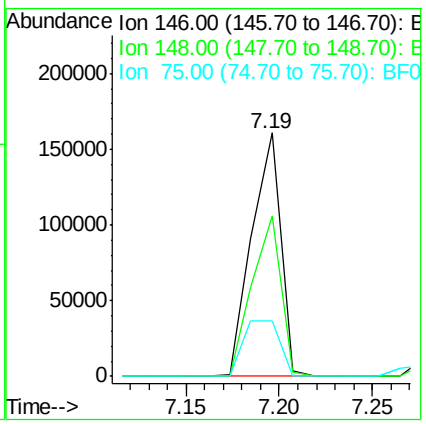




#12
1,3-Dichlorobenzene
Concen: 42.94 ng
RT: 7.20 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:146 Resp: 175855

Ion	Ratio	Lower	Upper
146	100		
148	66.0	49.8	74.8
75	22.5	28.2	42.4#



Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

Manual Integrations APPROVED
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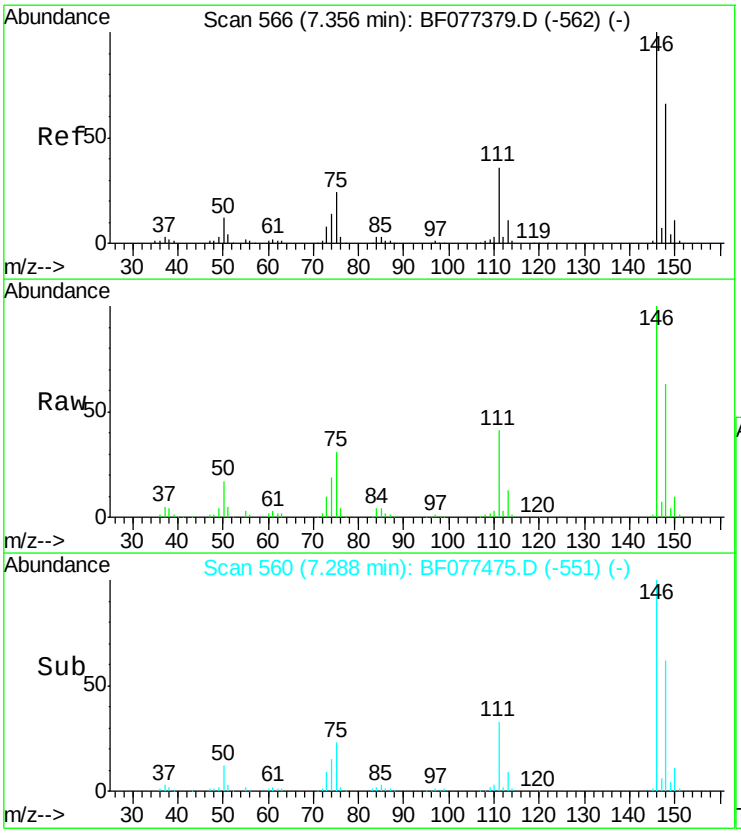
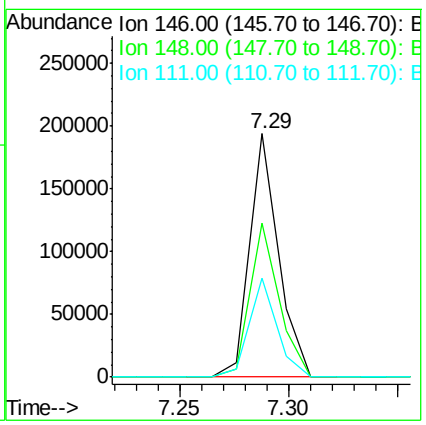
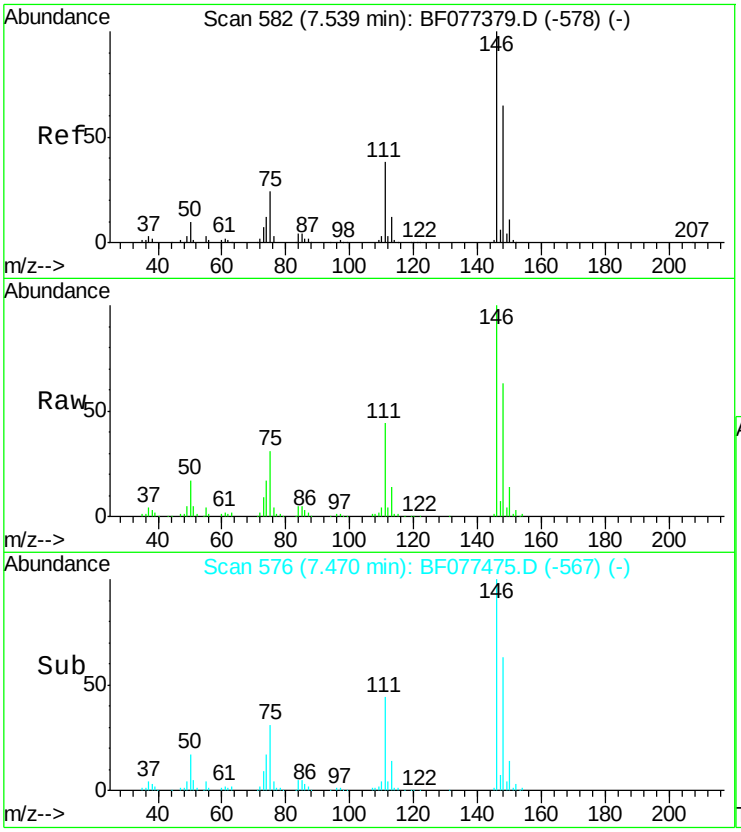


#13
1,4-Dichlorobenzene
Concen: 42.75 ng
RT: 7.29 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:146 Resp: 178103

Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.0	78.0
111	40.9	31.9	47.9

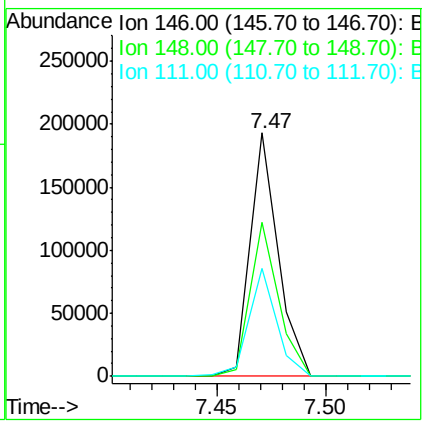




#14
1,2-Dichlorobenzene
Concen: 43.64 ng
RT: 7.47 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:146 Resp: 172975

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
111	44.3	34.2	51.2



Instrument :
BNA_F
ClientSampleId :
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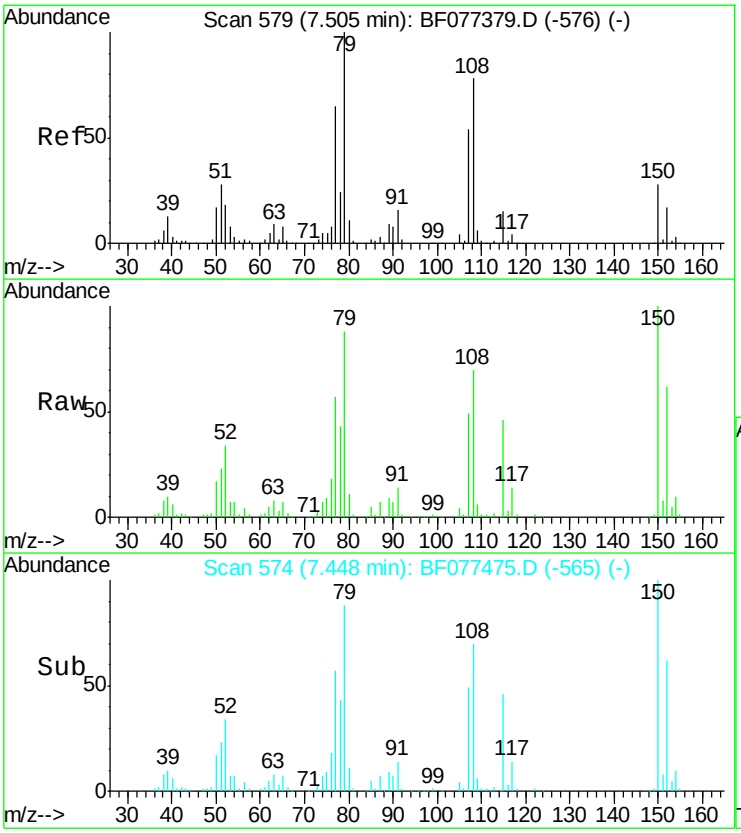
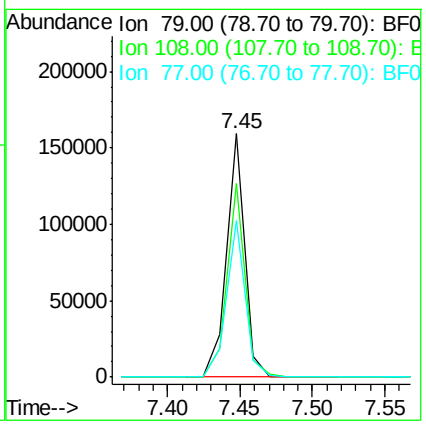
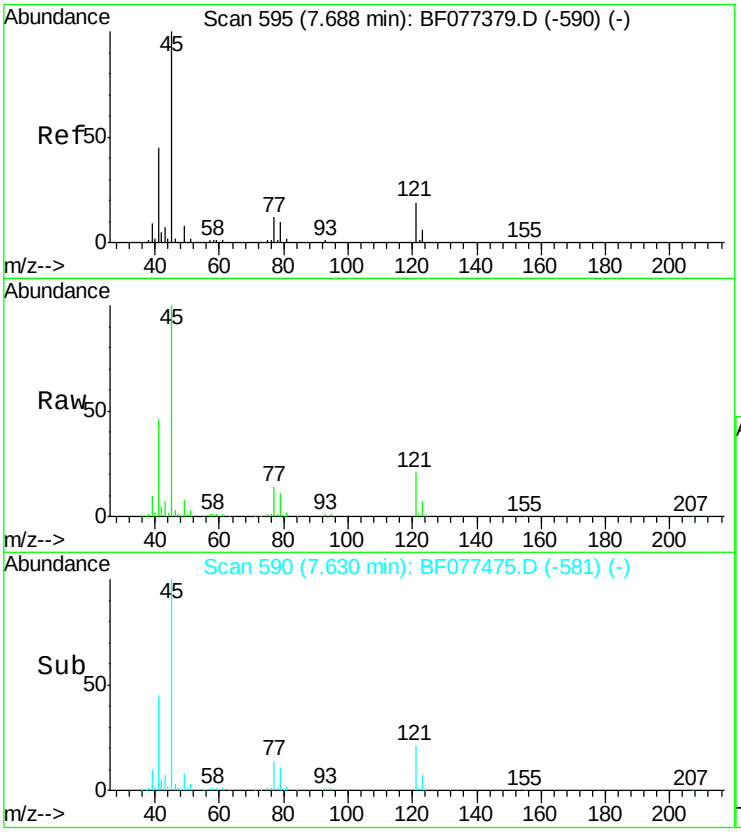


#15
Benzyl Alcohol
Concen: 44.51 ng
RT: 7.45 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion: 79 Resp: 138703

Ion	Ratio	Lower	Upper
79	100		
108	79.6	58.3	87.5
77	64.3	51.3	76.9

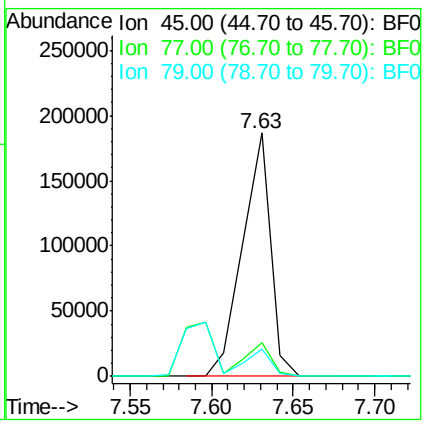




#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.34 ng
RT: 7.63 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion: 45 Resp: 221525

Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	34.6
79	11.3	0.0	31.5



Instrument :
BNA_F
ClientSampleId :
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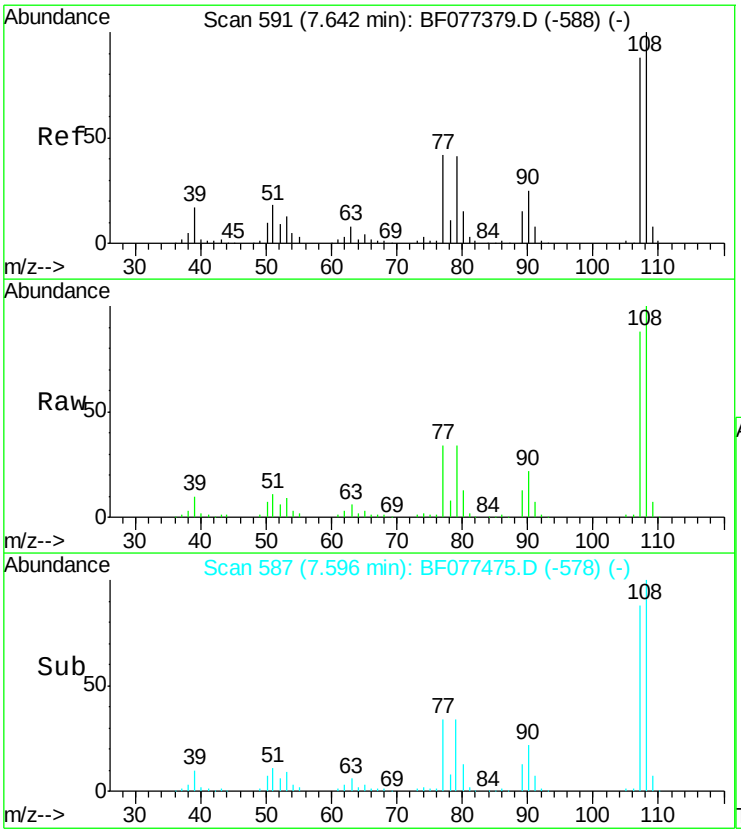
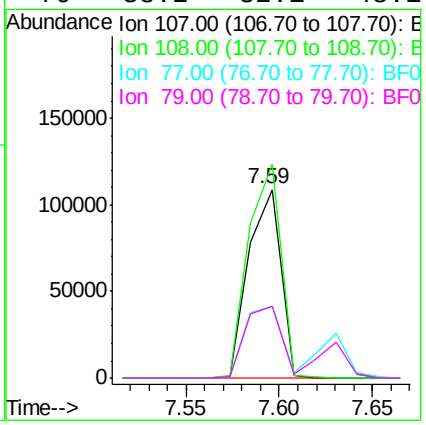
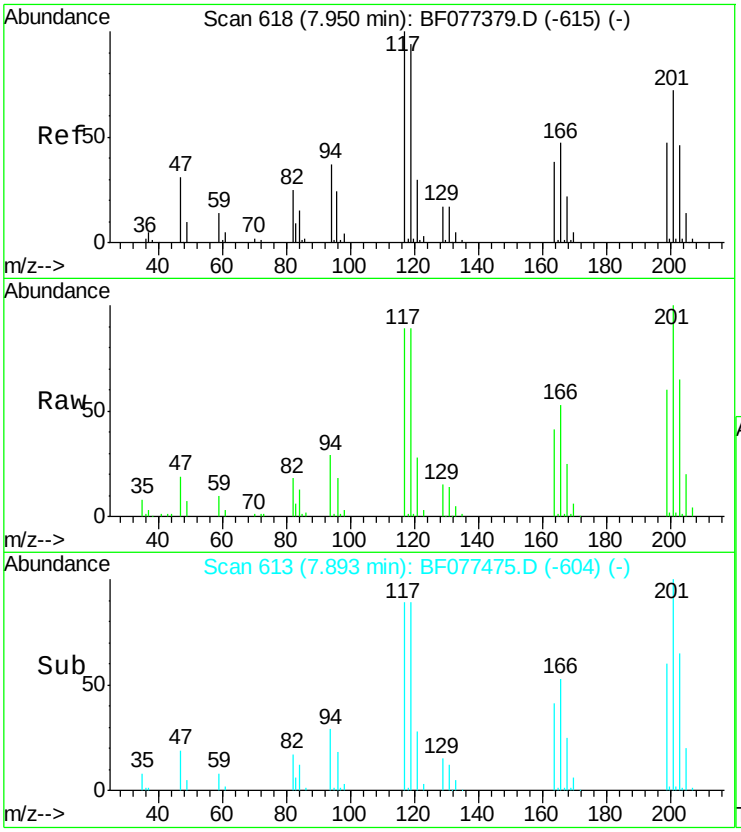


#17
2-Methylphenol
Concen: 44.28 ng
RT: 7.60 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:107 Resp: 130166

Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.2	136.8
77	38.3	33.6	50.4
79	38.2	32.1	48.1

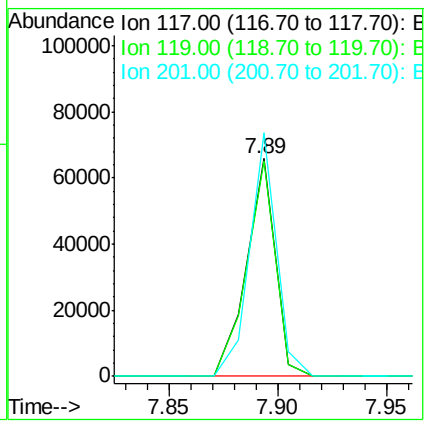




#18
Hexachloroethane
Concen: 43.42 ng
RT: 7.89 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:117 Resp: 60418

Ion	Ratio	Lower	Upper
117	100		
119	99.1	77.8	116.8
201	112.0	90.6	136.0



Instrument :
BNA_F
ClientSampleId :
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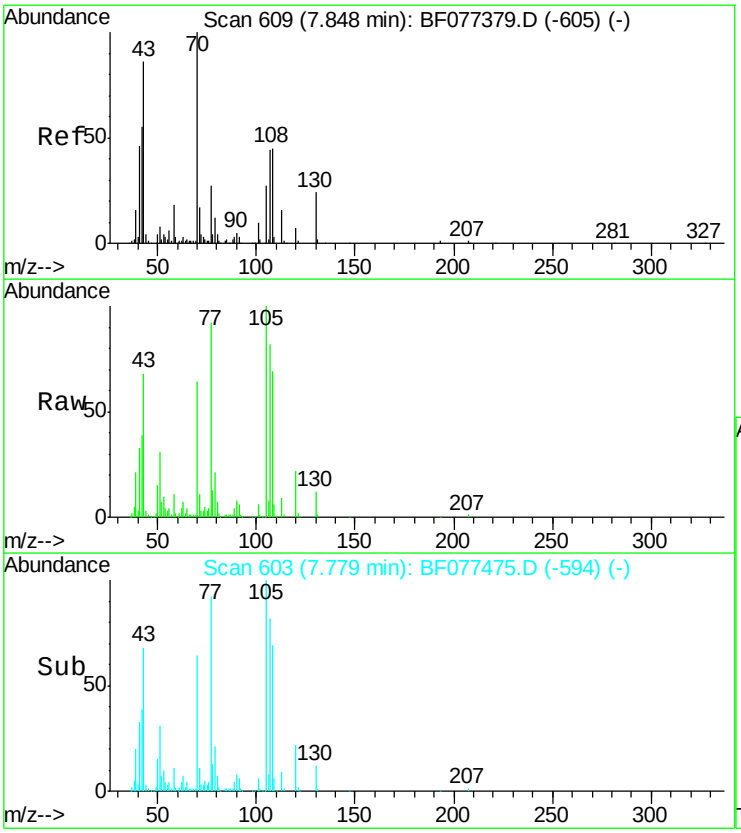
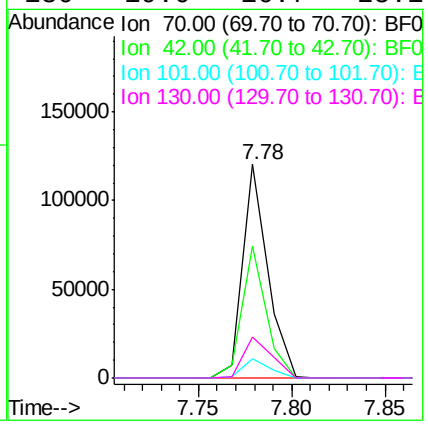
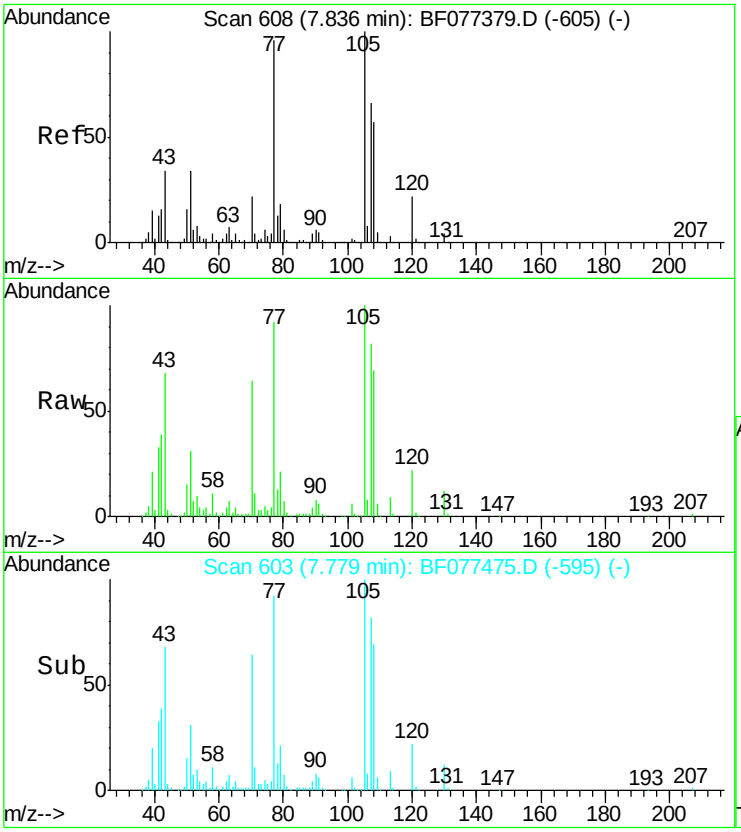


#19
n-Nitroso-di-n-propylamine
Concen: 43.25 ng
RT: 7.78 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion: 70 Resp: 112579

Ion	Ratio	Lower	Upper
70	100		
42	61.8	48.3	72.5
101	9.3	7.5	11.3
130	19.0	16.7	25.1

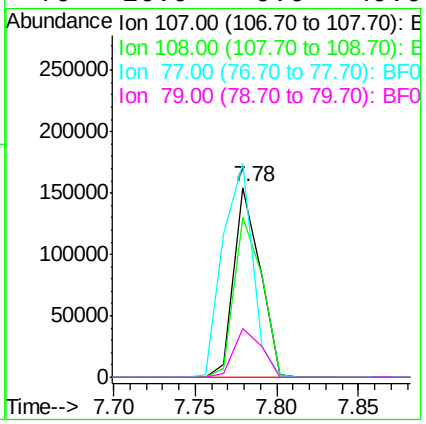




#20
3+4-Methylphenols
Concen: 44.09 ng
RT: 7.78 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:107 Resp: 170698

Ion	Ratio	Lower	Upper
107	100		
108	84.1	76.8	116.8
77	112.7	65.8	105.8#
79	26.0	9.6	49.6



Instrument :
BNA_F
ClientSampleId :
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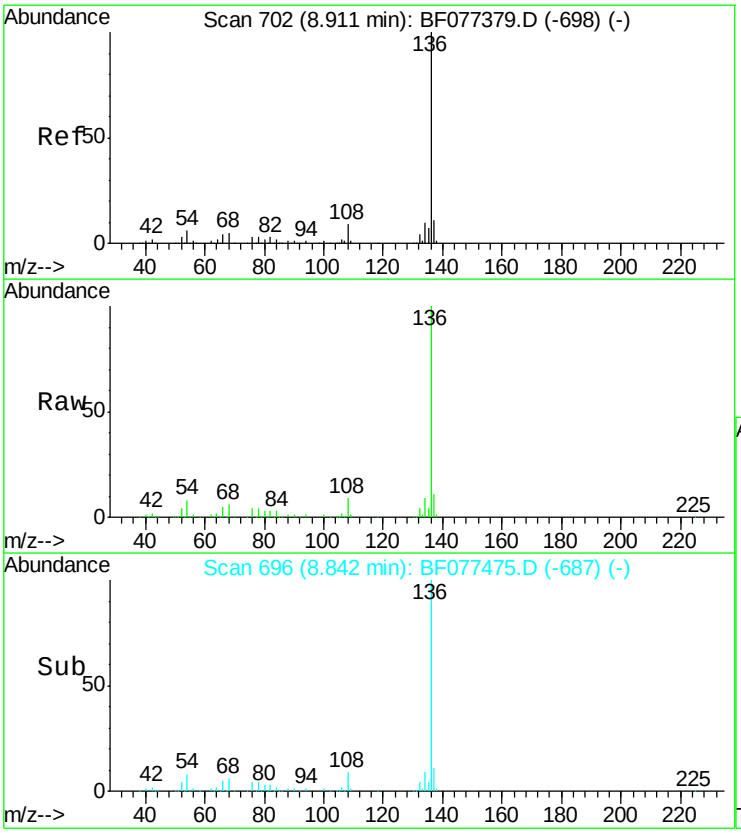
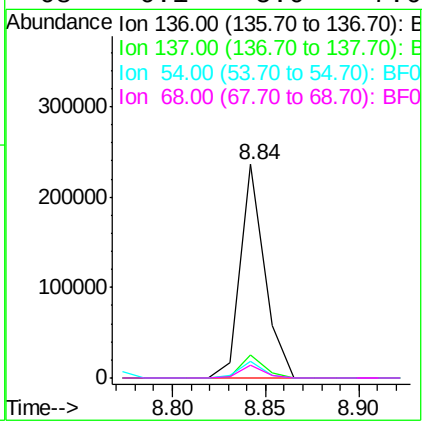
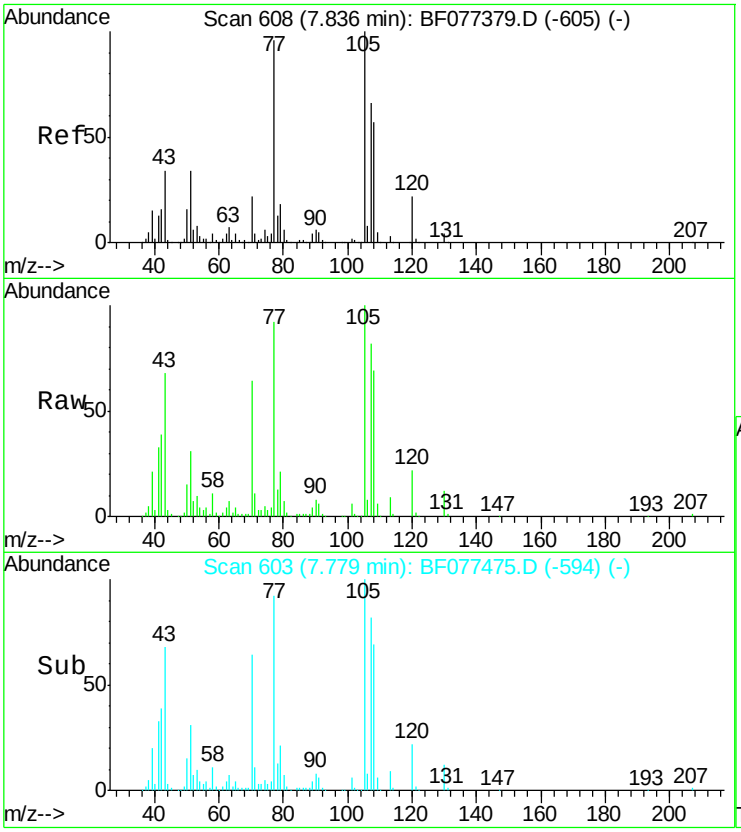


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:136 Resp: 212798

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.6	6.2	9.4
68	6.1	5.0	7.6

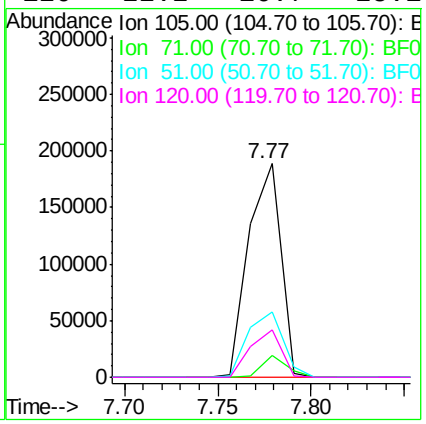




#22
Acetophenone
Concen: 45.32 ng
RT: 7.78 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:105 Resp: 226866

Ion	Ratio	Lower	Upper
105	100		
71	10.5	1.7	2.5#
51	30.6	30.7	46.1#
120	22.2	16.7	25.1



Instrument :
BNA_F
ClientSampleId :
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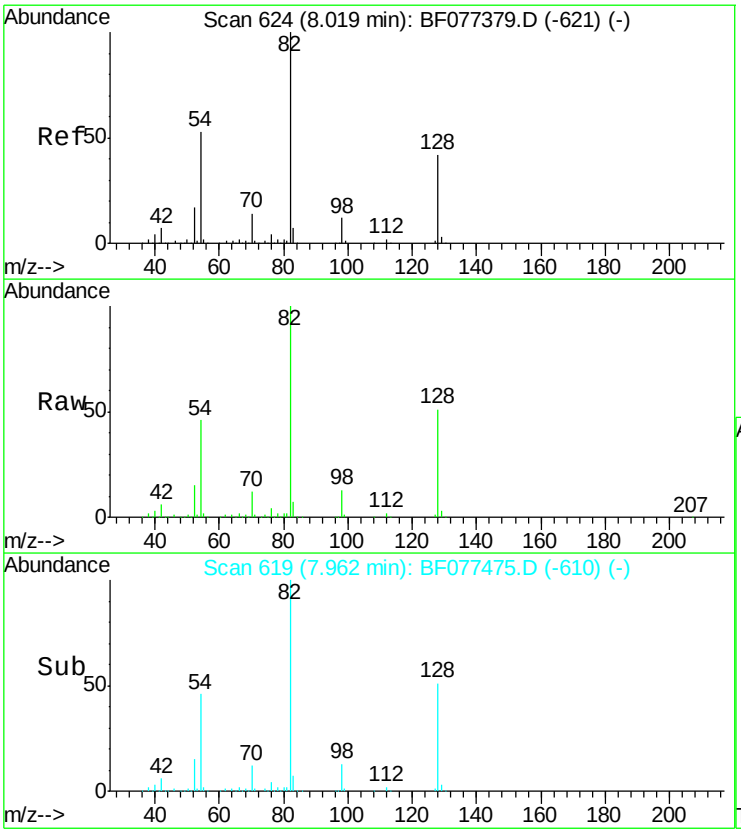
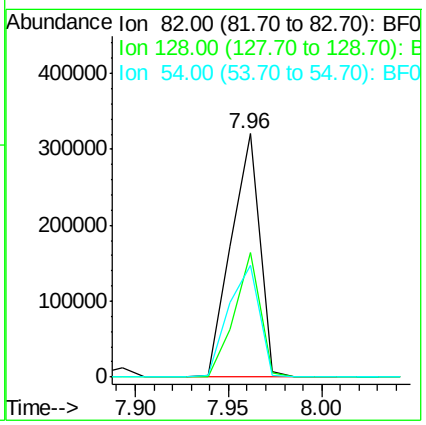
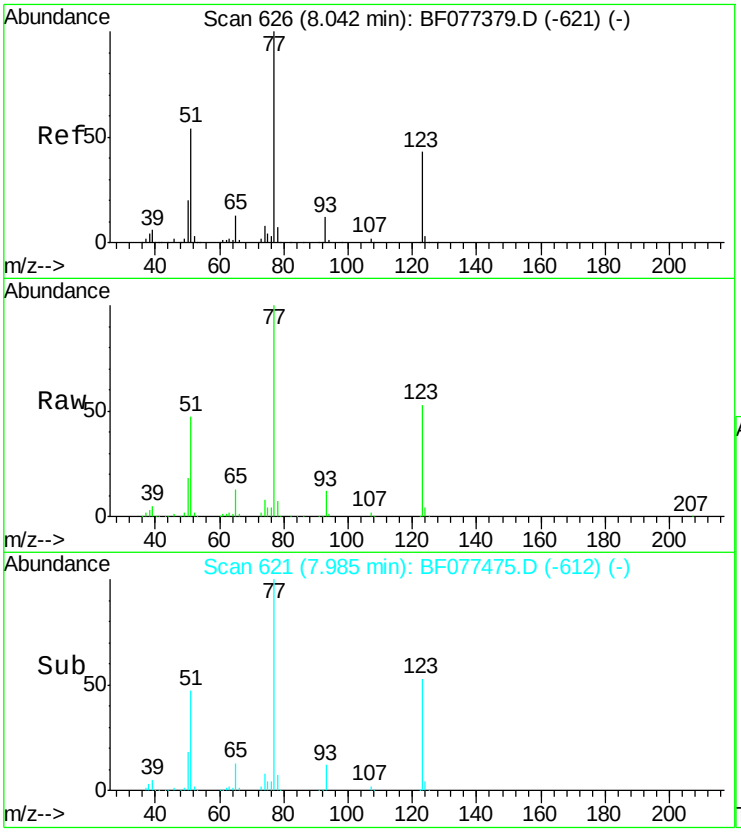


#23
Nitrobenzene-d5
Concen: 100.96 ng
RT: 7.96 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion: 82 Resp: 345480

Ion	Ratio	Lower	Upper
82	100		
128	51.1	43.8	65.8
54	45.7	36.7	55.1

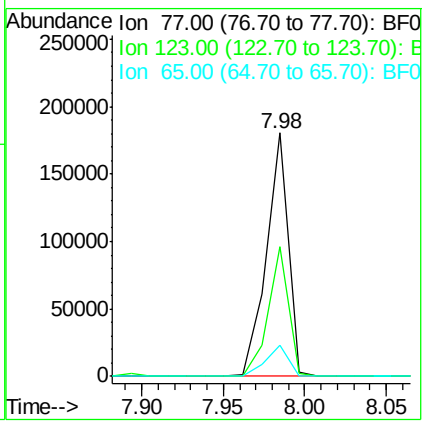




#24
Nitrobenzene
Concen: 47.06 ng
RT: 7.98 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion: 77 Resp: 169423

Ion	Ratio	Lower	Upper
77	100		
123	53.3	45.9	68.9
65	12.5	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

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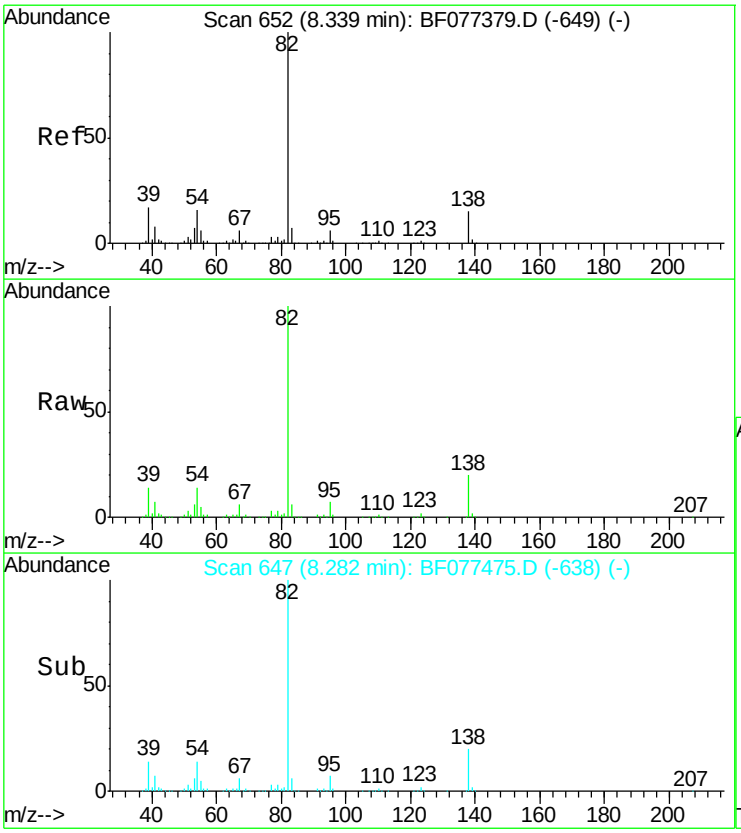
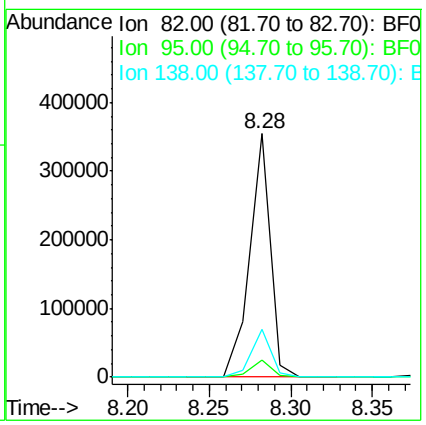
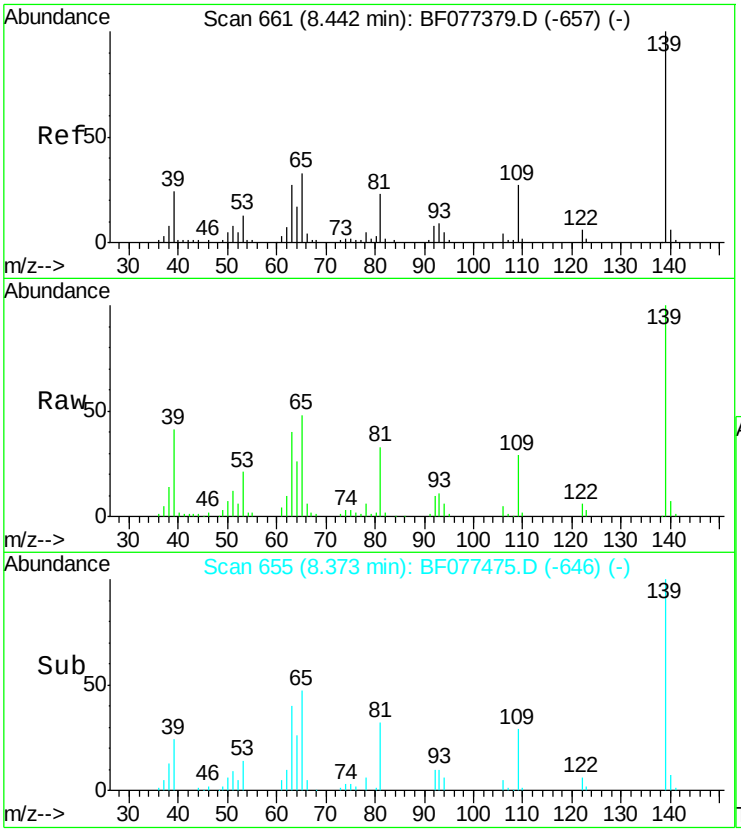


#25
Isophorone
Concen: 45.91 ng
RT: 8.28 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion: 82 Resp: 311699

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.2
138	19.5	16.3	24.5

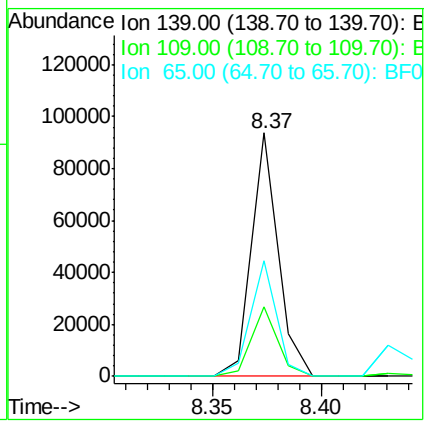




#26
2-Nitrophenol
Concen: 54.03 ng
RT: 8.37 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:139 Resp: 79733

Ion	Ratio	Lower	Upper
139	100		
109	28.7	22.6	34.0
65	47.7	36.4	54.6



Instrument :
BNA_F
ClientSampleId :
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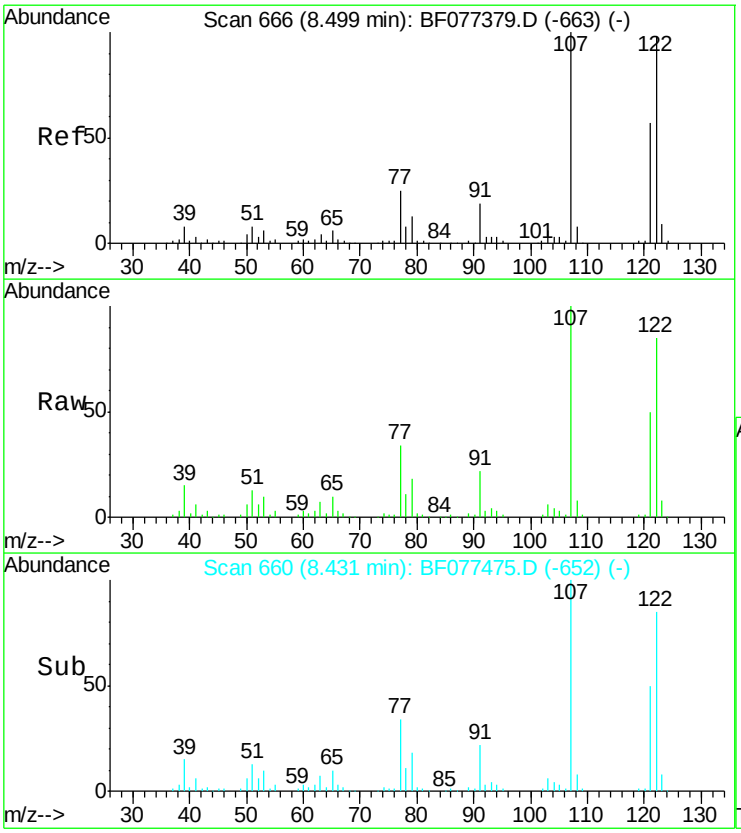
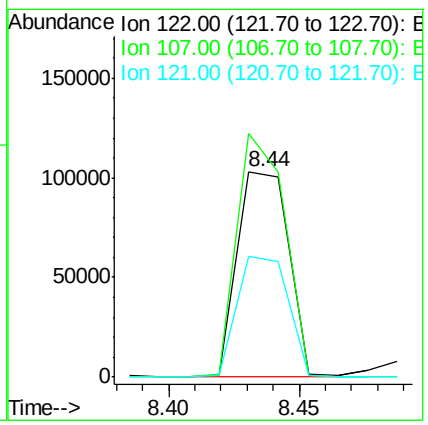
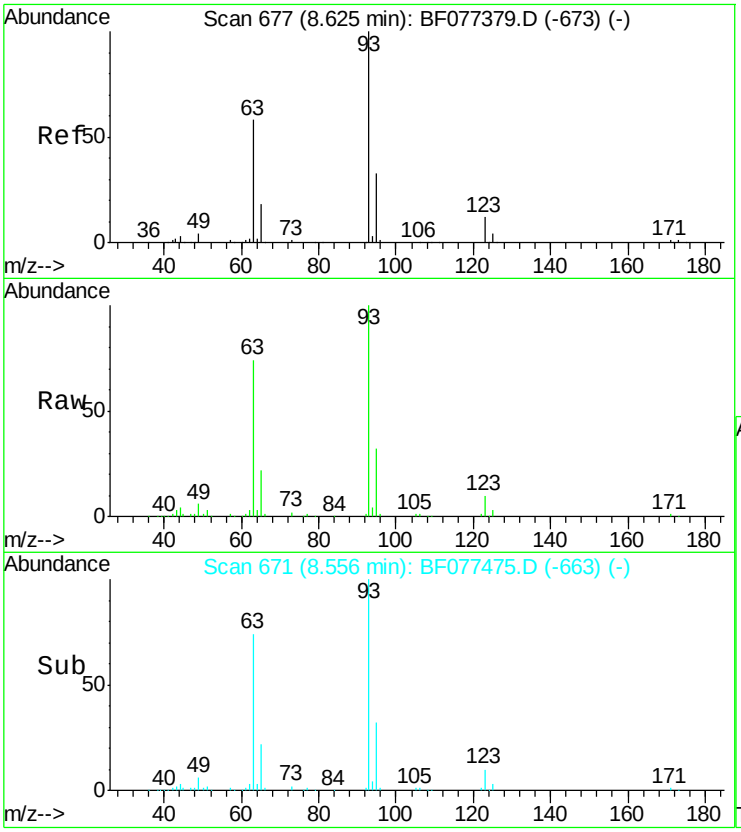


#27
2,4-Dimethylphenol
Concen: 42.91 ng
RT: 8.43 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:122 Resp: 141653

Ion	Ratio	Lower	Upper
122	100		
107	118.3	86.6	130.0
121	58.6	47.4	71.0

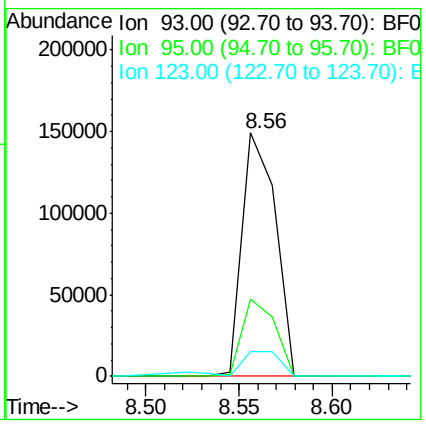




#28
bis(2-Chloroethoxy)methane
Concen: 43.04 ng
RT: 8.56 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion: 93 Resp: 184605

Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.4	39.6
123	10.0	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

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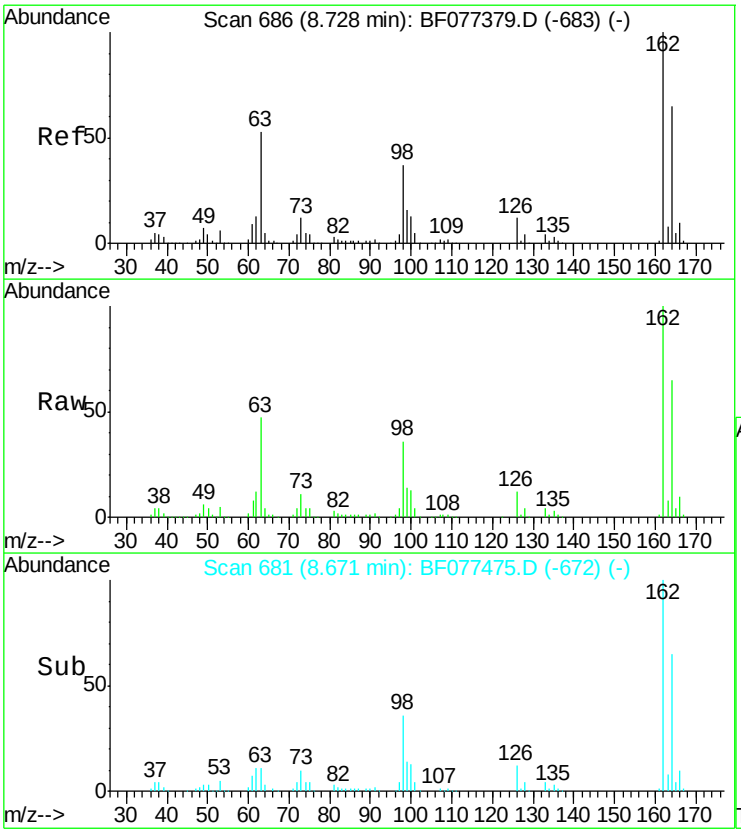
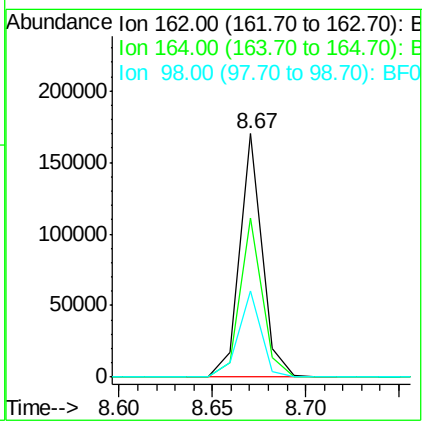
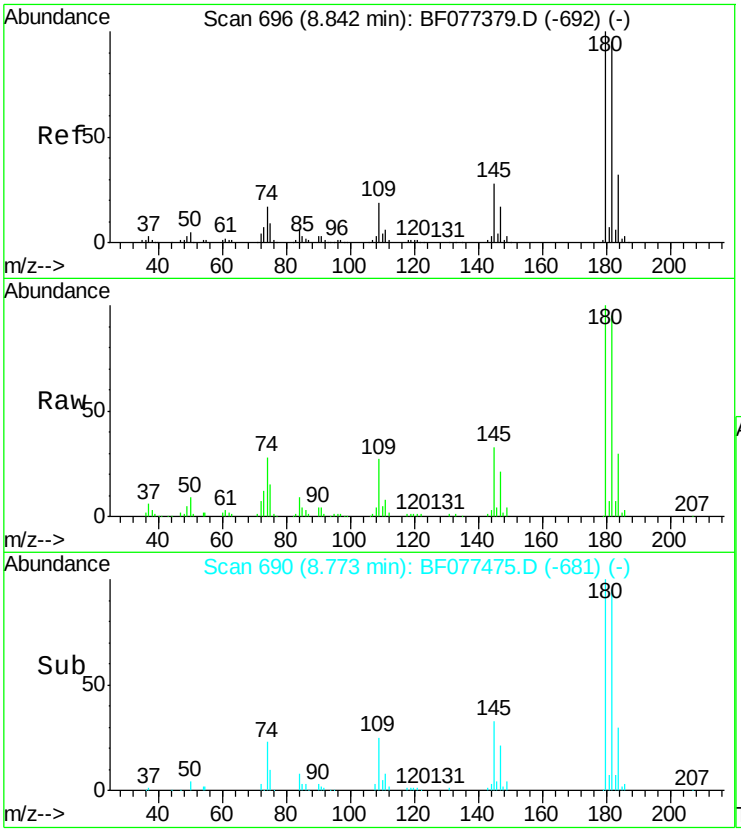


#29
2,4-Dichlorophenol
Concen: 46.13 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:162 Resp: 142966

Ion	Ratio	Lower	Upper
162	100		
164	65.2	46.4	86.4
98	35.6	6.9	46.9

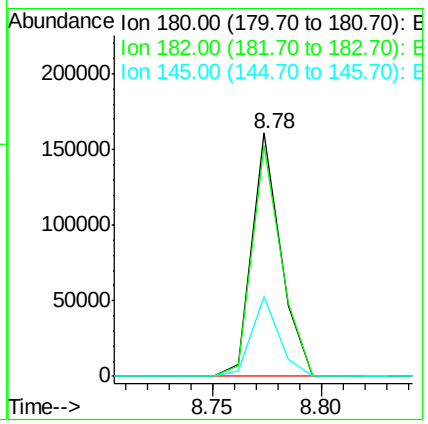




#30
1,2,4-Trichlorobenzene
Concen: 43.53 ng
RT: 8.77 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:180 Resp: 148329

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.2	114.4
145	32.7	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

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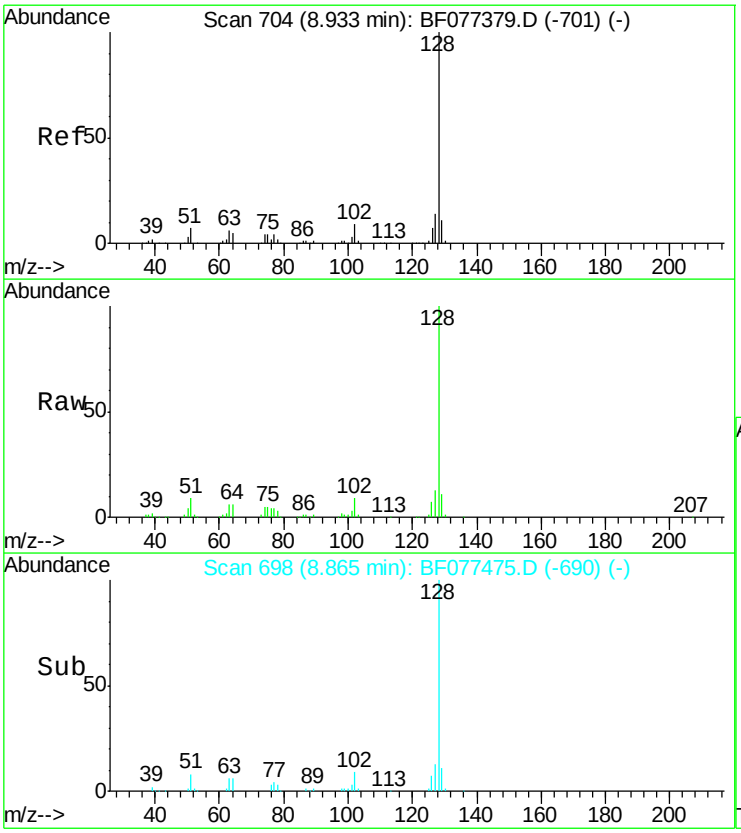
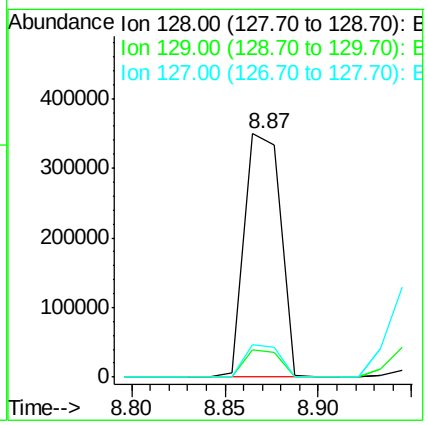
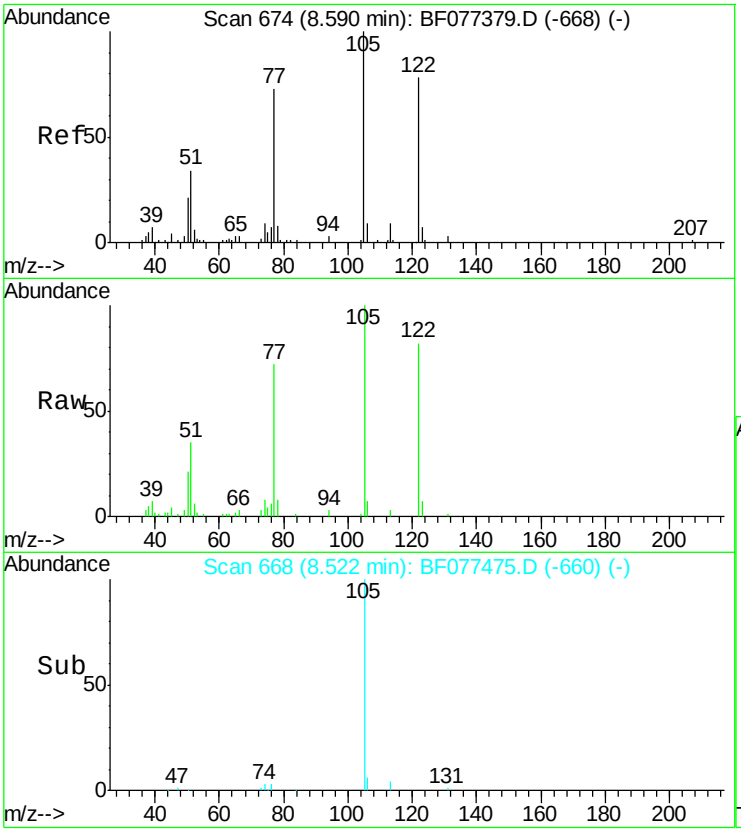


#31
Naphthalene
Concen: 44.65 ng
RT: 8.86 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:128 Resp: 475173

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.3	10.6	15.8

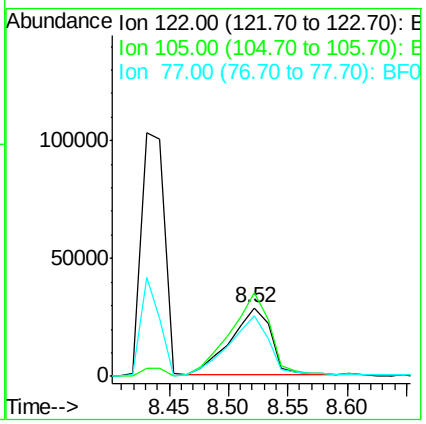




#32
Benzoic acid
Concen: 43.28 ng
RT: 8.52 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:122 Resp: 69439

Ion	Ratio	Lower	Upper
122	100		
105	121.7	100.3	140.3
77	87.2	68.7	108.7



Instrument :
BNA_F
ClientSampleId :
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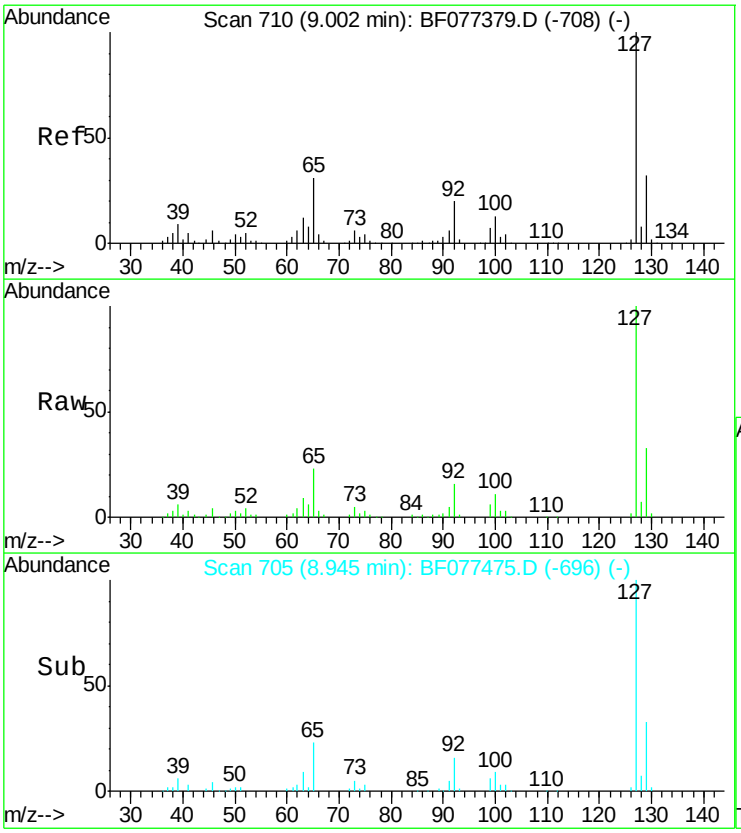
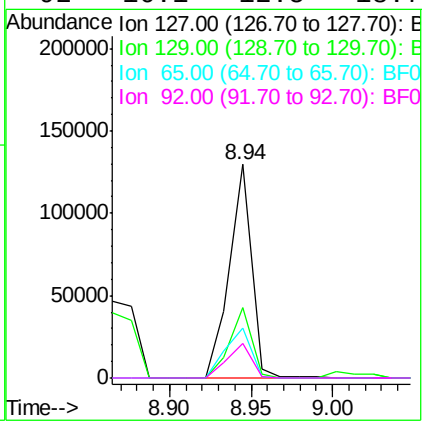
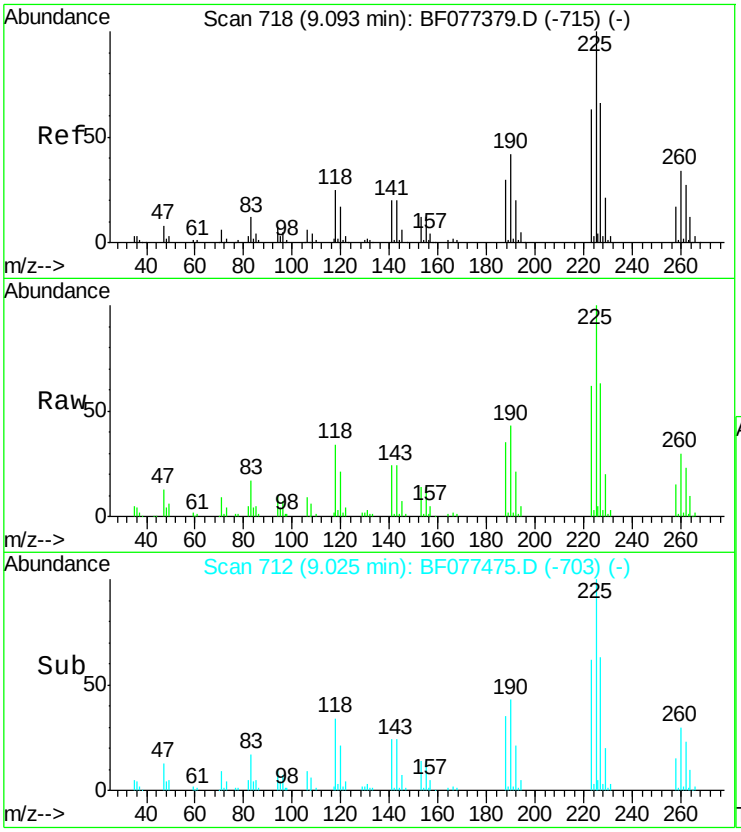


#33
4-Chloroaniline
Concen: 25.78 ng
RT: 8.94 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:127 Resp: 121970

Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.9	40.3
65	23.4	16.7	25.1
92	16.1	12.5	18.7

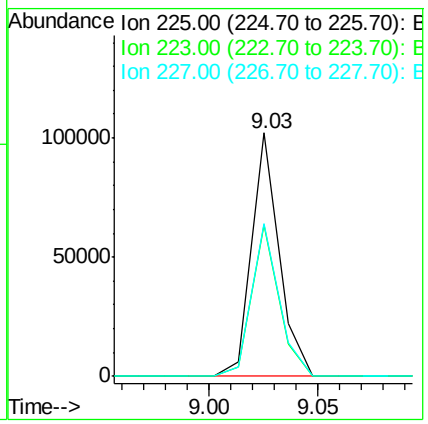




#34
Hexachlorobutadiene
Concen: 46.08 ng
RT: 9.02 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:225 Resp: 89642

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.5	74.3
227	62.7	50.5	75.7



Instrument :
BNA_F
ClientSampleId :
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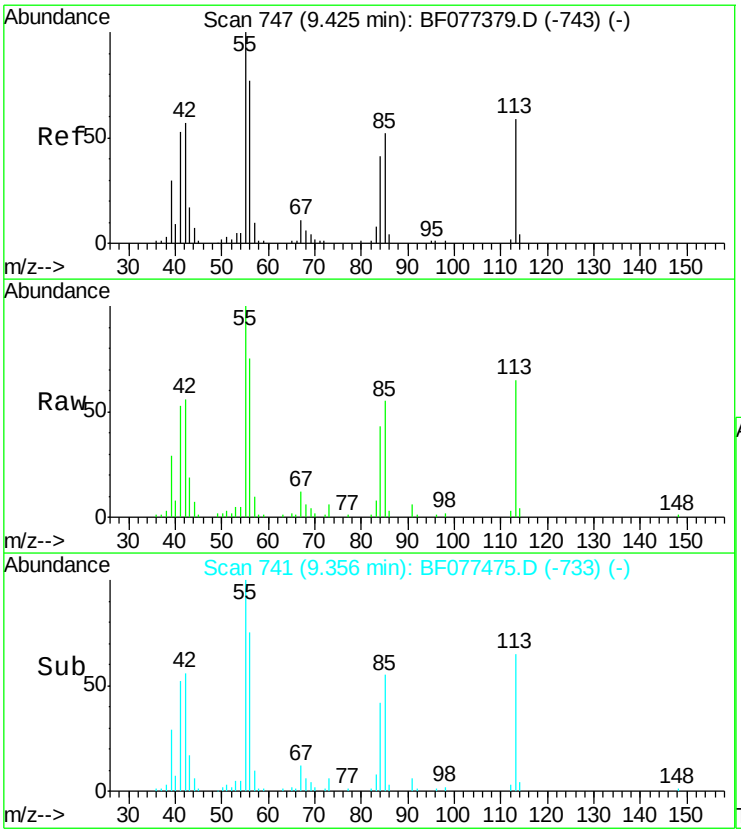
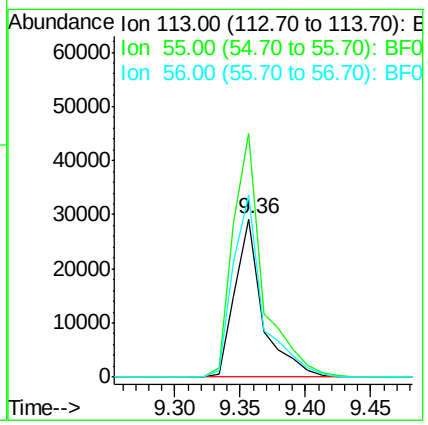
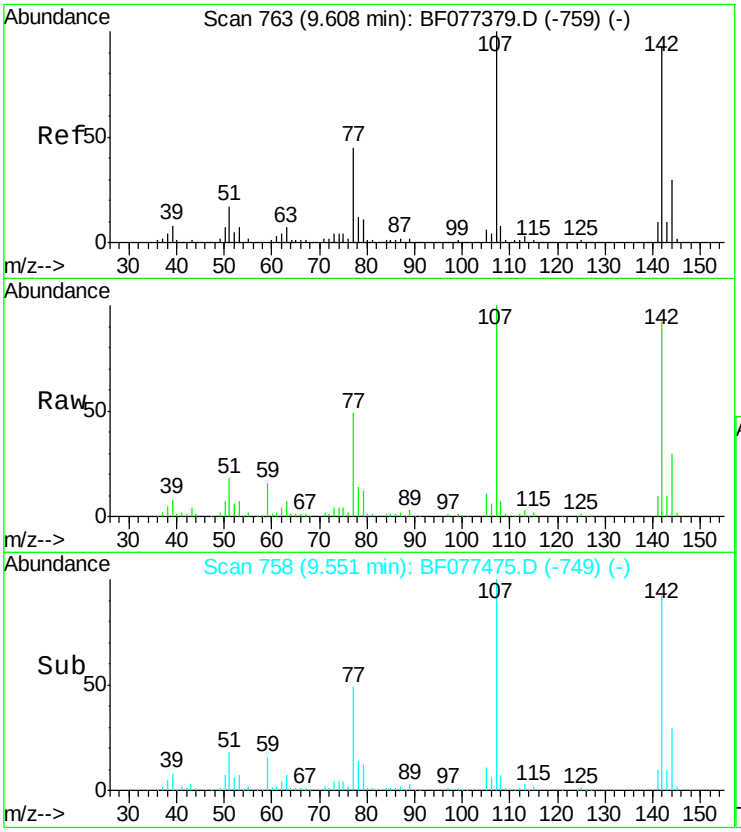


#35
Caprolactam
Concen: 45.83 ng
RT: 9.36 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:113 Resp: 43362

Ion	Ratio	Lower	Upper
113	100		
55	154.2	154.6	194.6#
56	115.6	114.0	154.0

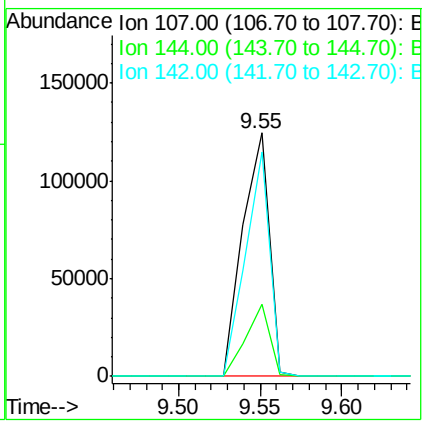




#36
4-Chloro-3-methylphenol
Concen: 45.23 ng
RT: 9.55 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:107 Resp: 140928

Ion	Ratio	Lower	Upper
107	100		
144	29.7	21.1	31.7
142	92.4	65.3	97.9



Instrument :
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ClientSampleId :
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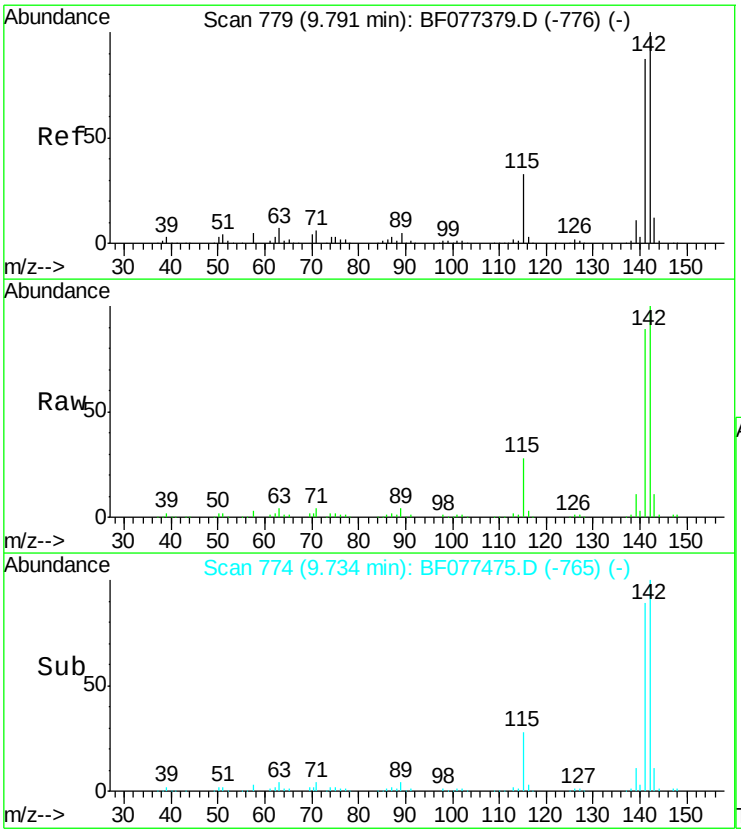
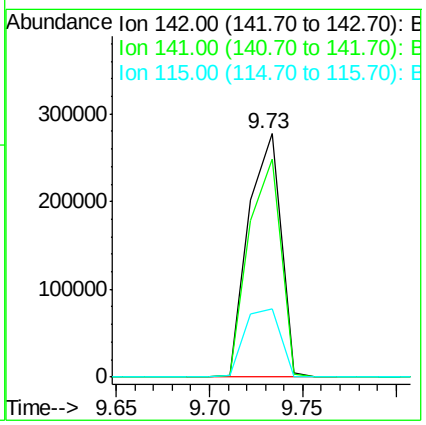
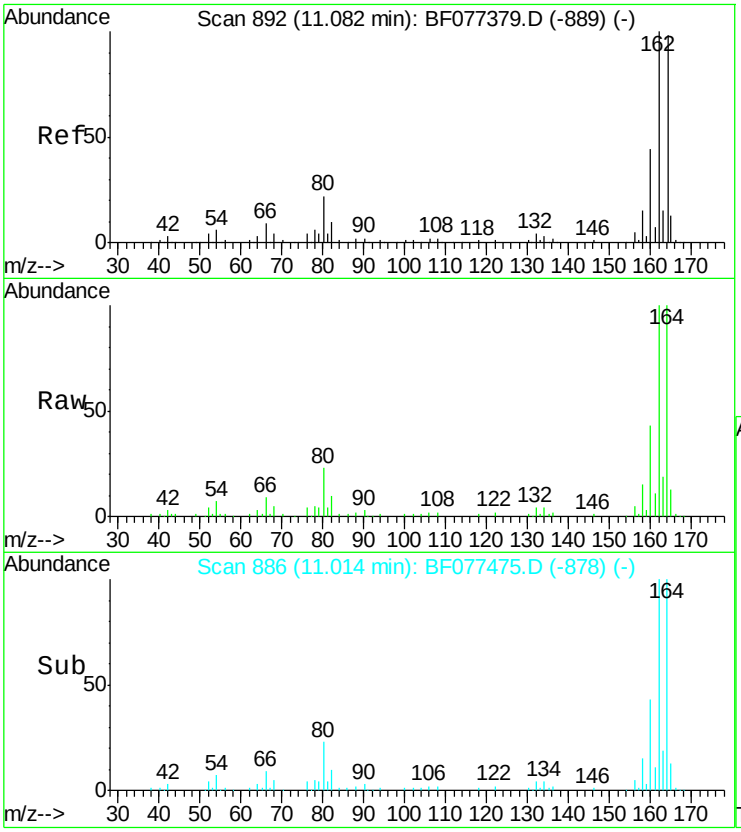


#37
2-Methylnaphthalene
Concen: 44.17 ng
RT: 9.73 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:142 Resp: 333807

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.7	106.1
115	28.3	24.2	36.4

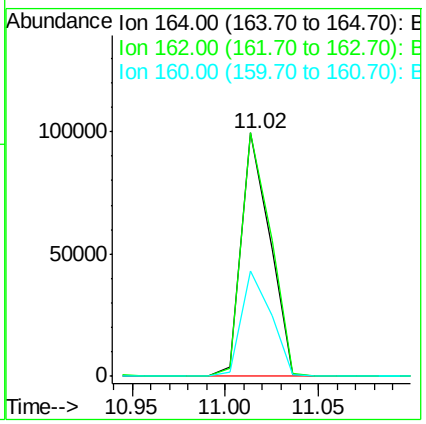




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:164 Resp: 106822

Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.2	124.8
160	43.5	34.6	52.0



Instrument :
BNA_F
ClientSampleId :
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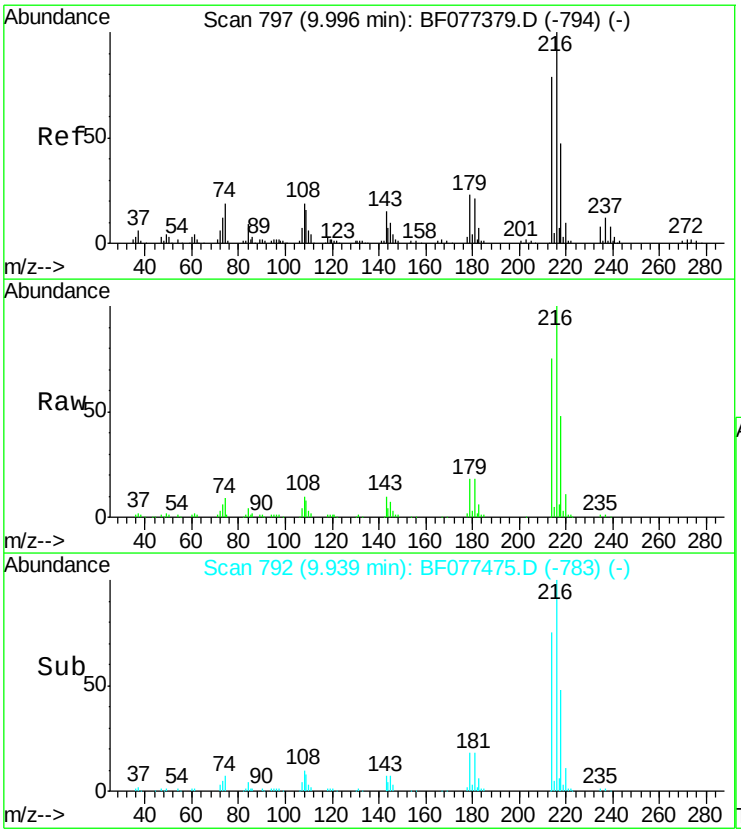
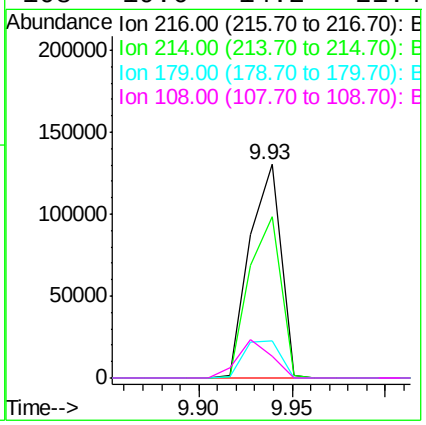
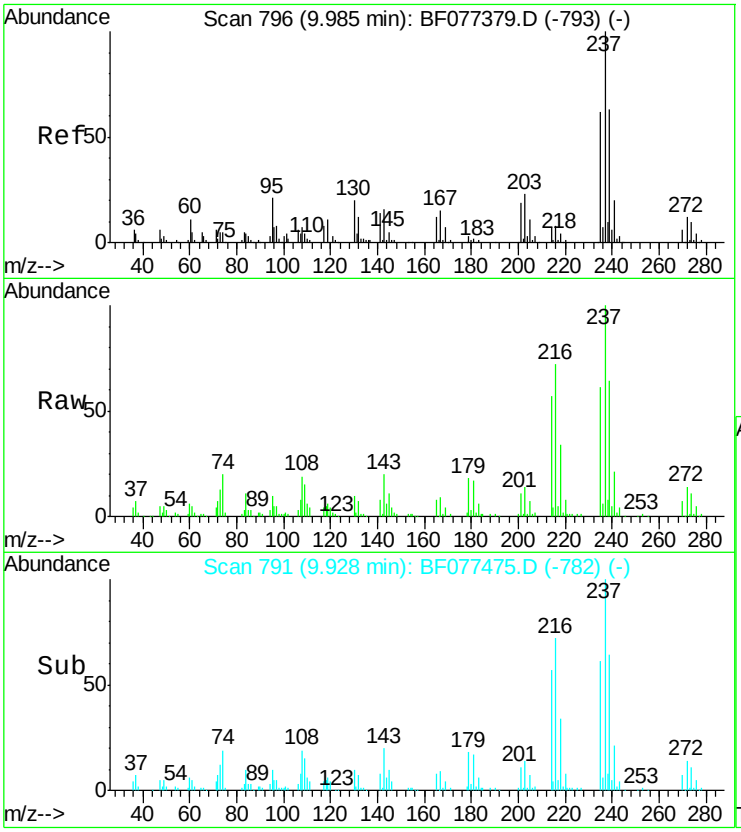


#39
1,2,4,5-Tetrachlorobenzene
Concen: 49.41 ng
RT: 9.94 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:216 Resp: 151455

Ion	Ratio	Lower	Upper
216	100		
214	76.8	63.4	95.0
179	20.7	16.6	25.0
108	19.6	14.2	21.4

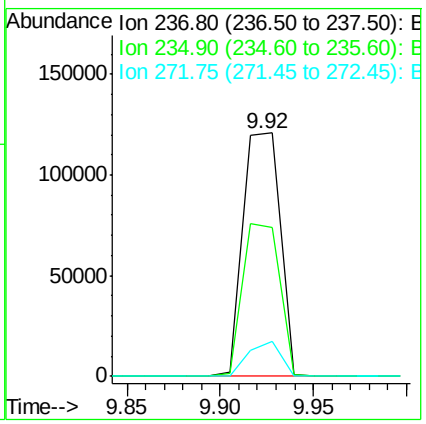




#40
Hexachlorocyclopentadiene
Concen: 101.72 ng
RT: 9.93 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:237 Resp: 167172

Ion	Ratio	Lower	Upper
237	100		
235	61.1	41.0	81.0
272	14.4	0.0	34.3



Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

Manual Integrations APPROVED
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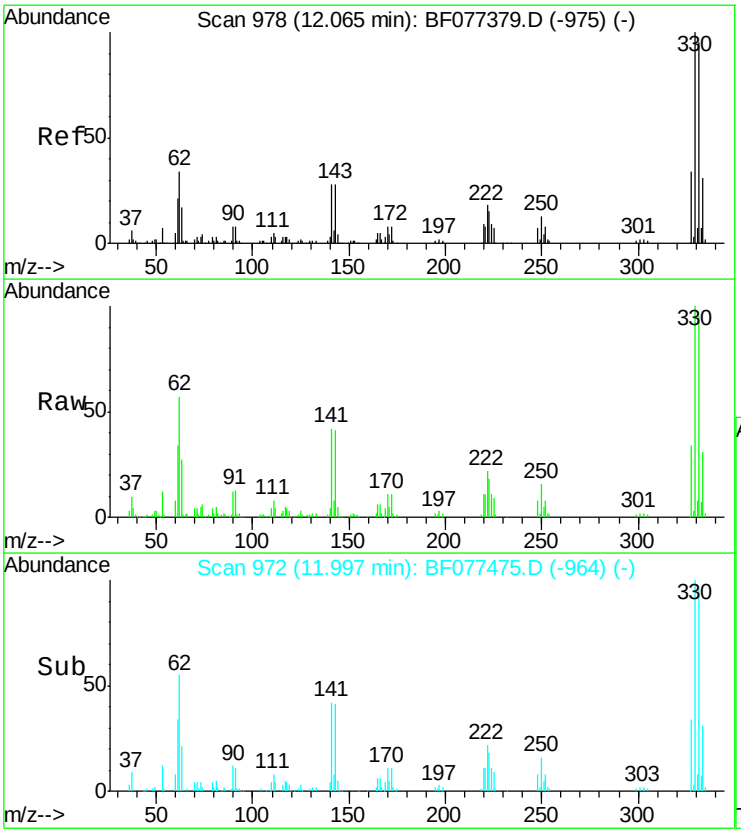
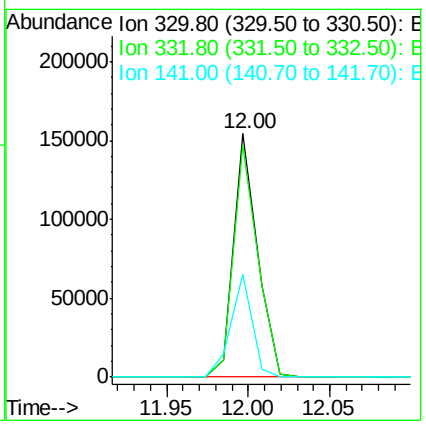
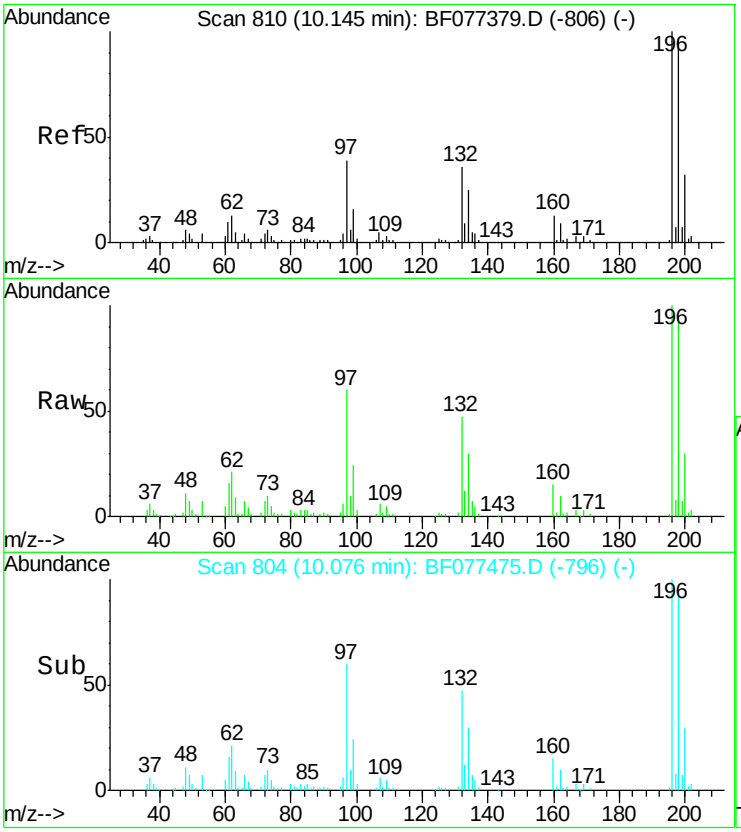


#41
2,4,6-Tribromophenol
Concen: 150.68 ng
RT: 12.00 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:330 Resp: 154982

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	38.1	28.8	43.2

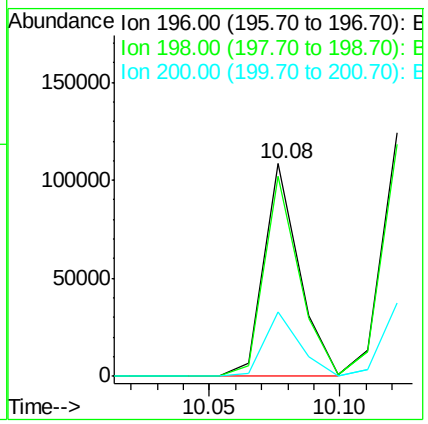




#42
2,4,6-Trichlorophenol
Concen: 49.59 ng
RT: 10.08 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:196 Resp: 100667

Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.8	113.8
200	30.1	24.2	36.4



Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

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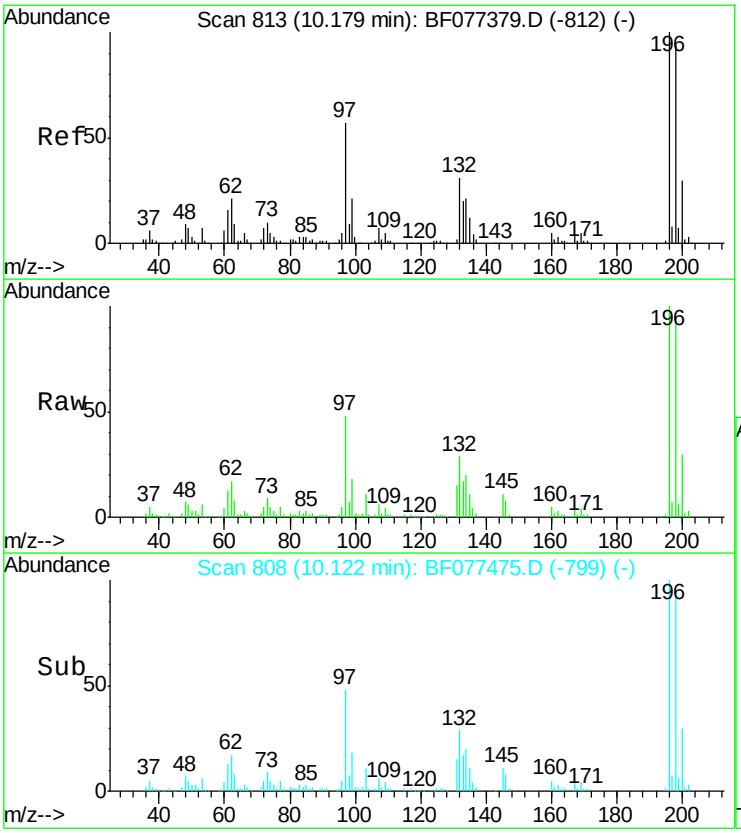
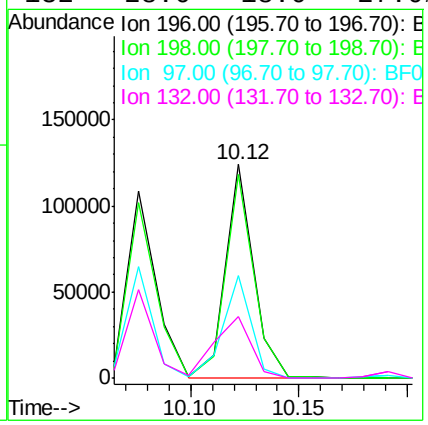
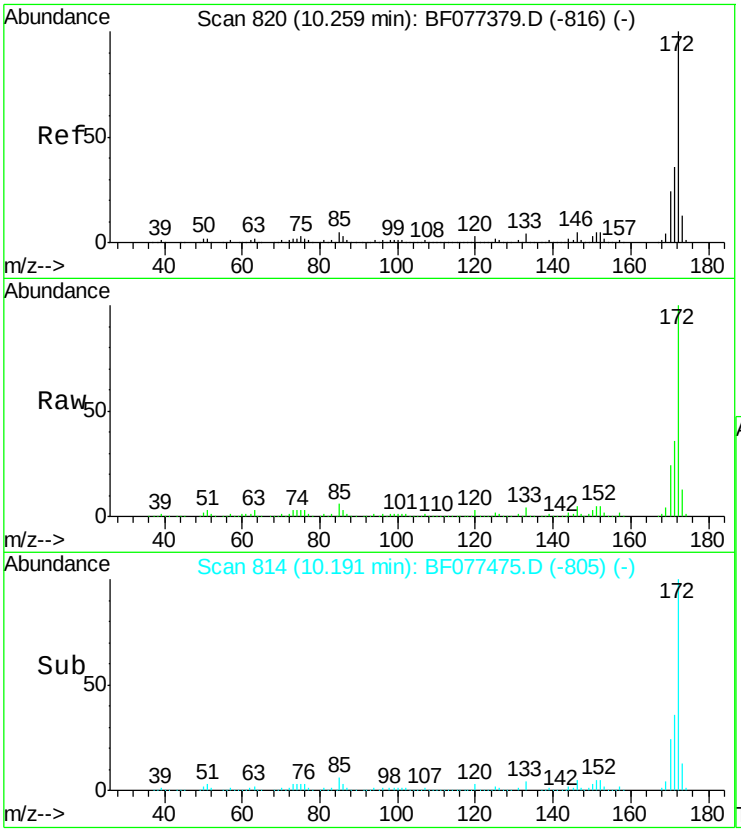


#43
2,4,5-Trichlorophenol
Concen: 51.21 ng
RT: 10.12 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:196 Resp: 111155

Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.2	115.8
97	47.7	27.7	41.5#
132	28.6	18.0	27.0#

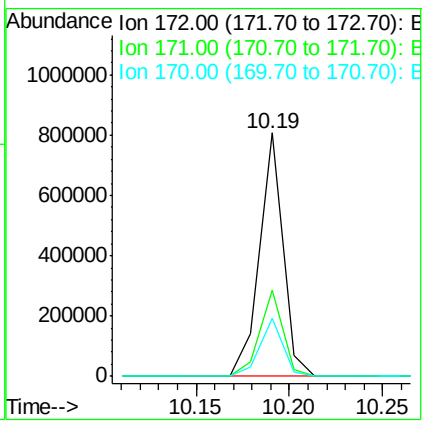




#44
2-Fluorobiphenyl
Concen: 101.95 ng
RT: 10.19 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:172 Resp: 698439

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.8	19.4	29.2



Instrument :
BNA_F
ClientSampleId :
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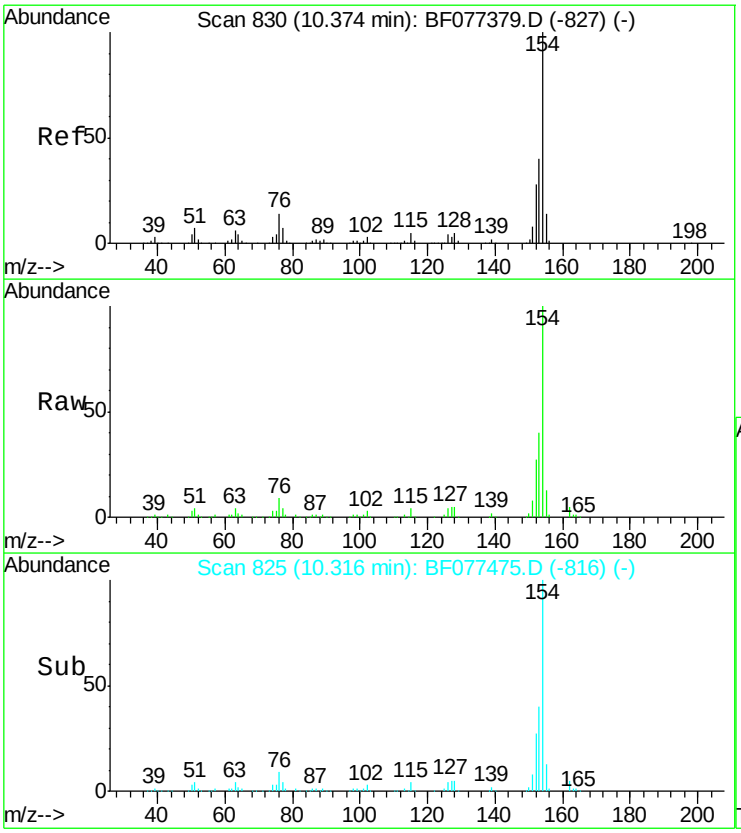
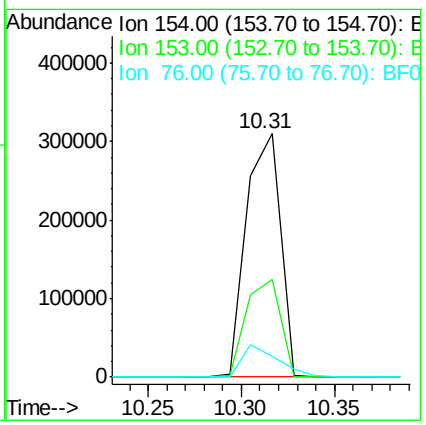
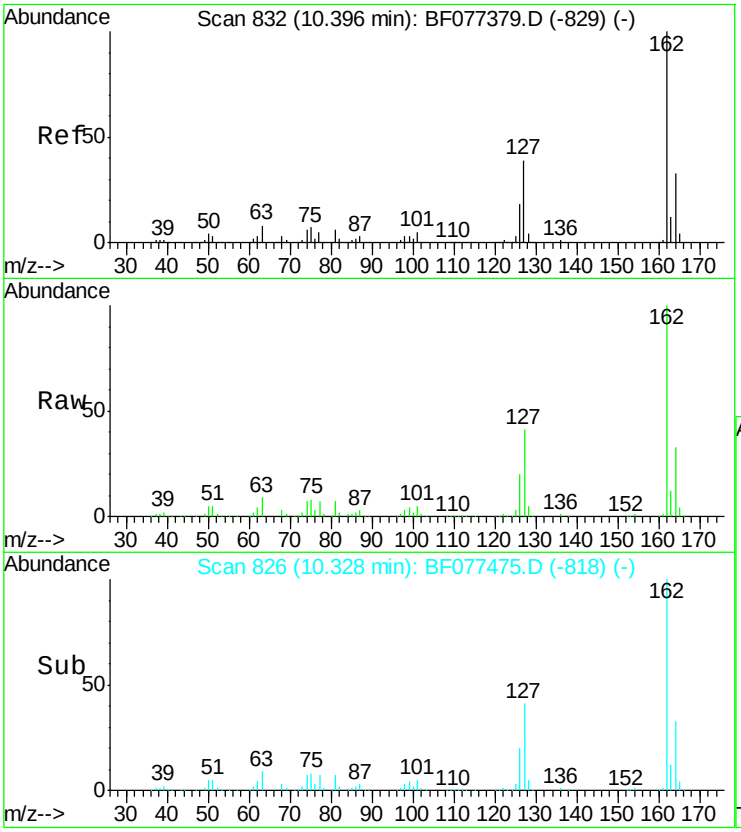


#45
1,1'-Biphenyl
Concen: 48.58 ng
RT: 10.32 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:154 Resp: 393129

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.2	60.2
76	8.7	0.0	29.4

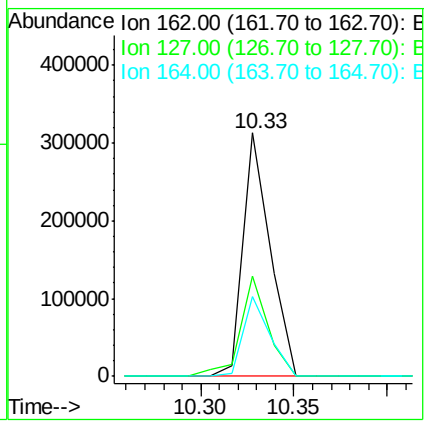




#46
2-Chloronaphthalene
Concen: 49.62 ng
RT: 10.33 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:162 Resp: 314953

Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.3	49.9
164	32.9	26.2	39.4



Instrument :
BNA_F
ClientSampleId :
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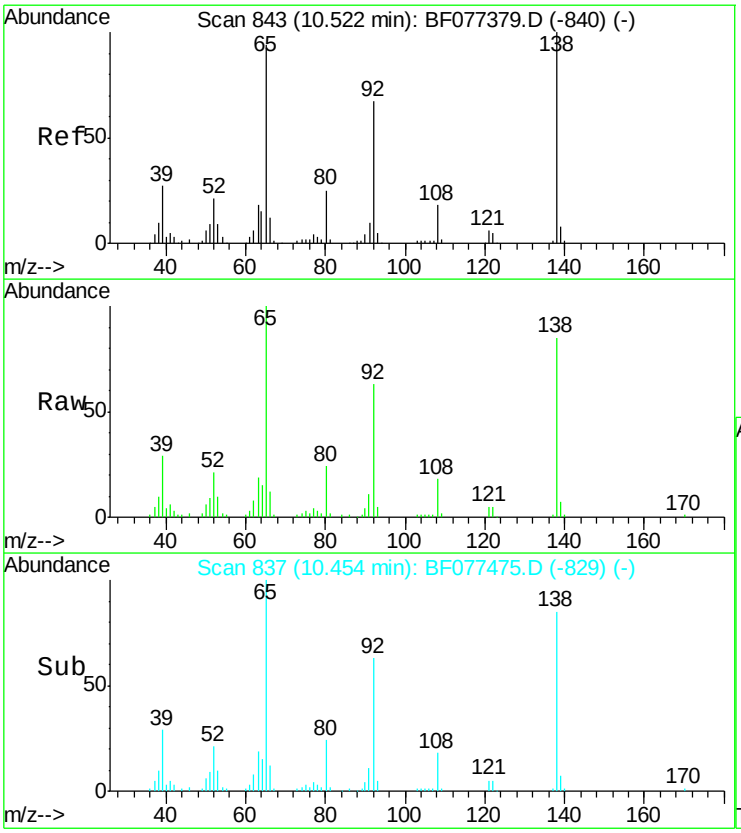
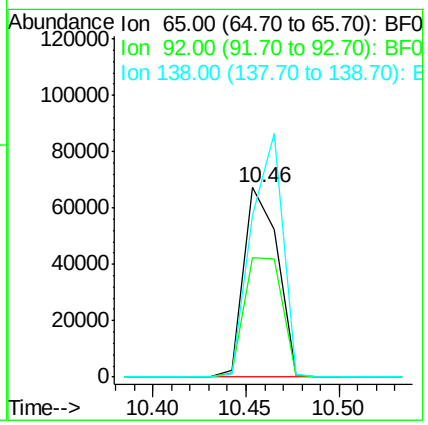
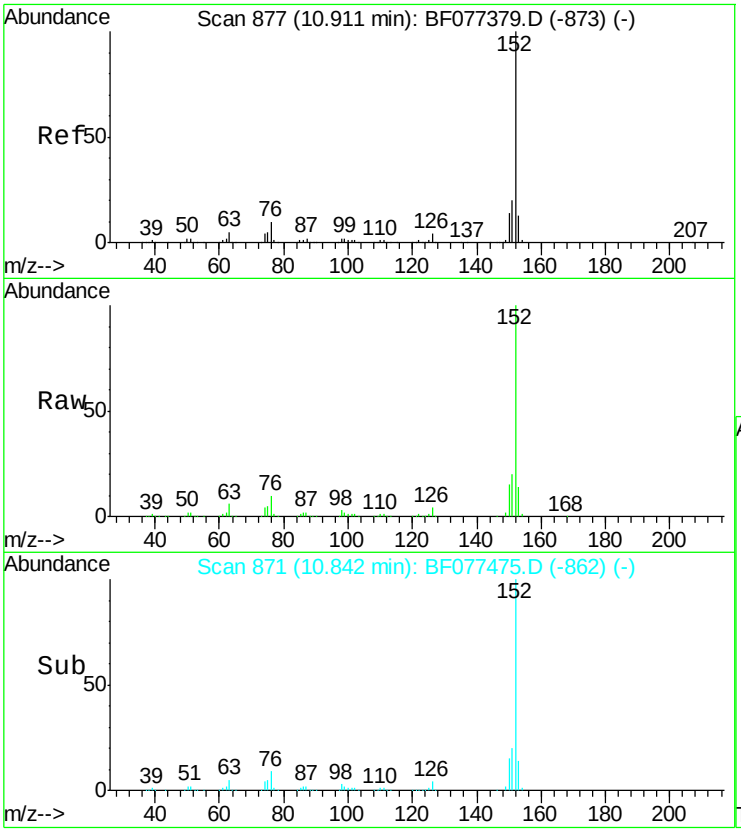


#47
2-Nitroaniline
Concen: 53.67 ng
RT: 10.45 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion: 65 Resp: 83856

Ion	Ratio	Lower	Upper
65	100		
92	63.4	52.4	78.6
138	85.3	73.4	110.0

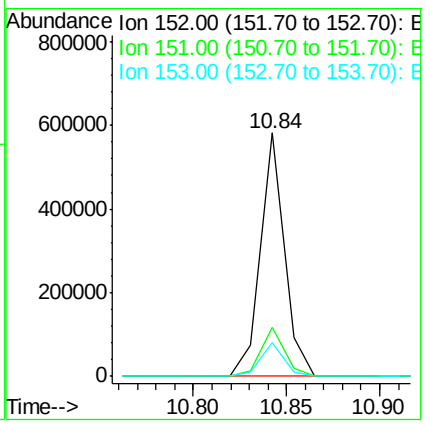




#48
Acenaphthylene
Concen: 51.26 ng
RT: 10.84 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:152 Resp: 515082

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1
153	13.6	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
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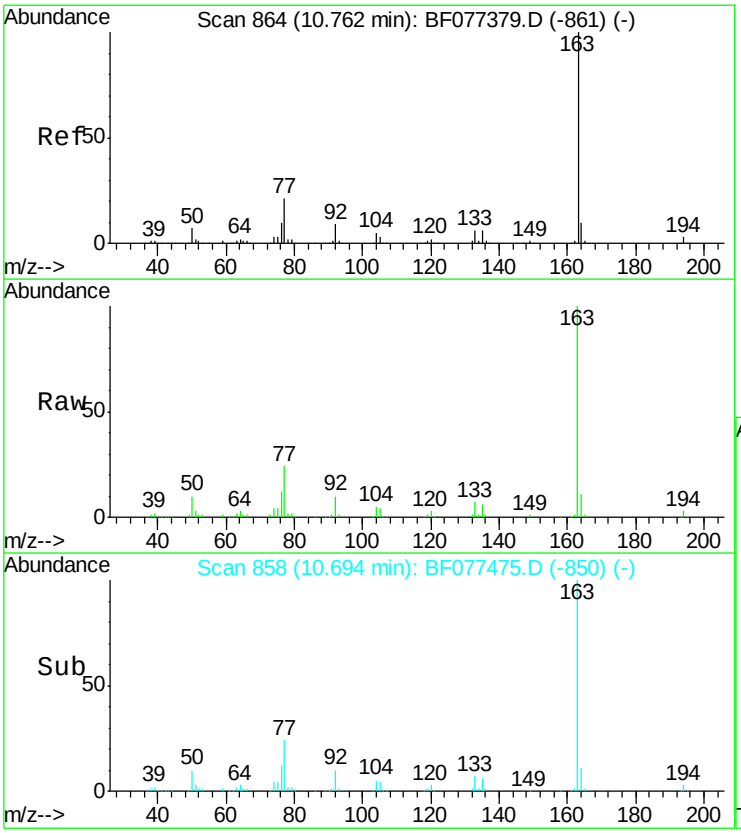
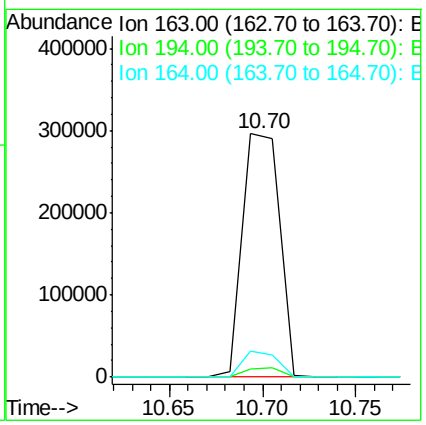
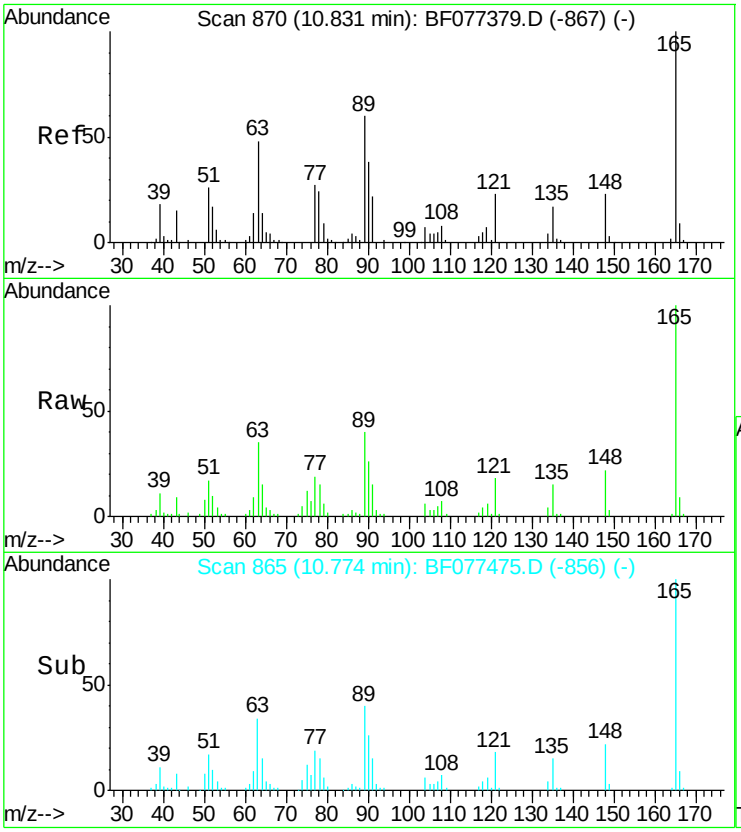


#49
Dimethylphthalate
Concen: 54.42 ng
RT: 10.69 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:163 Resp: 408641

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.7	8.6	13.0

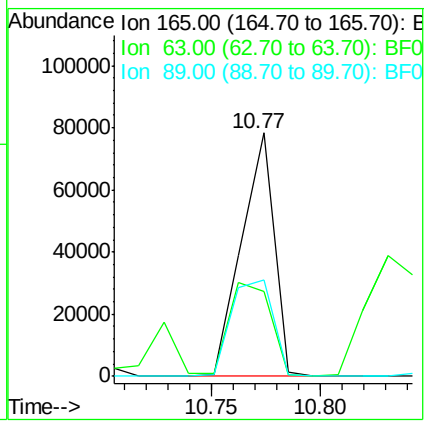




#50
2,6-Dinitrotoluene
Concen: 54.38 ng
RT: 10.77 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:165 Resp: 81892

Ion	Ratio	Lower	Upper
165	100		
63	35.0	25.2	37.8
89	39.6	30.5	45.7



Instrument :
BNA_F
ClientSampleId :
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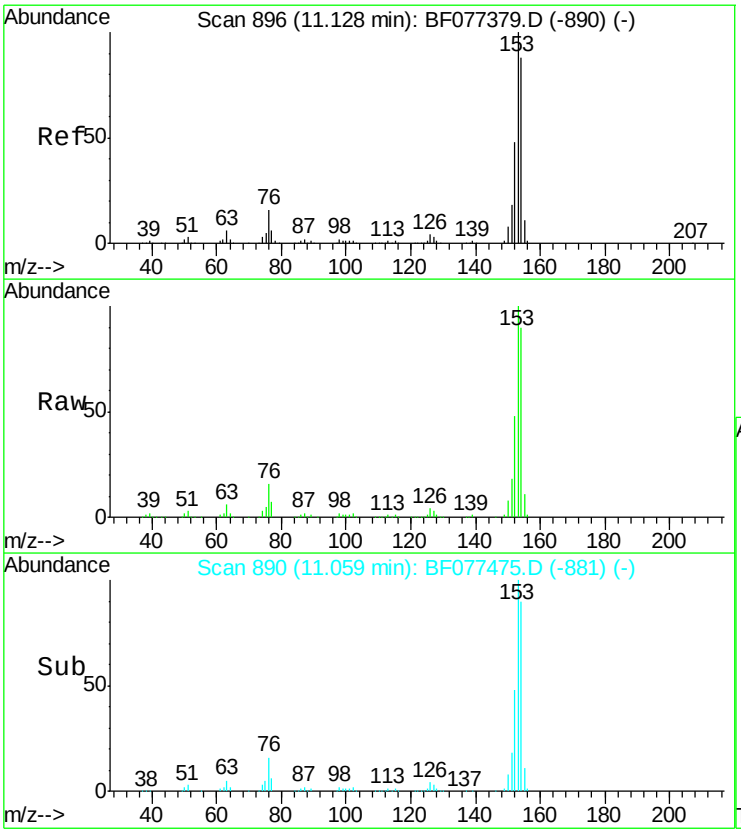
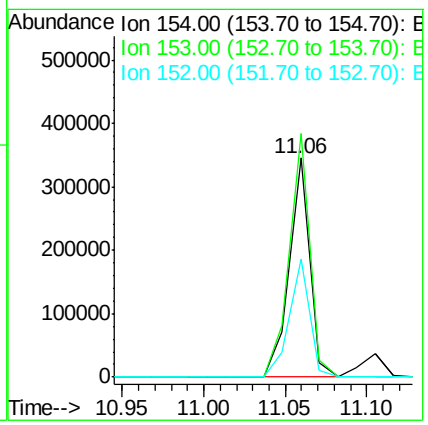
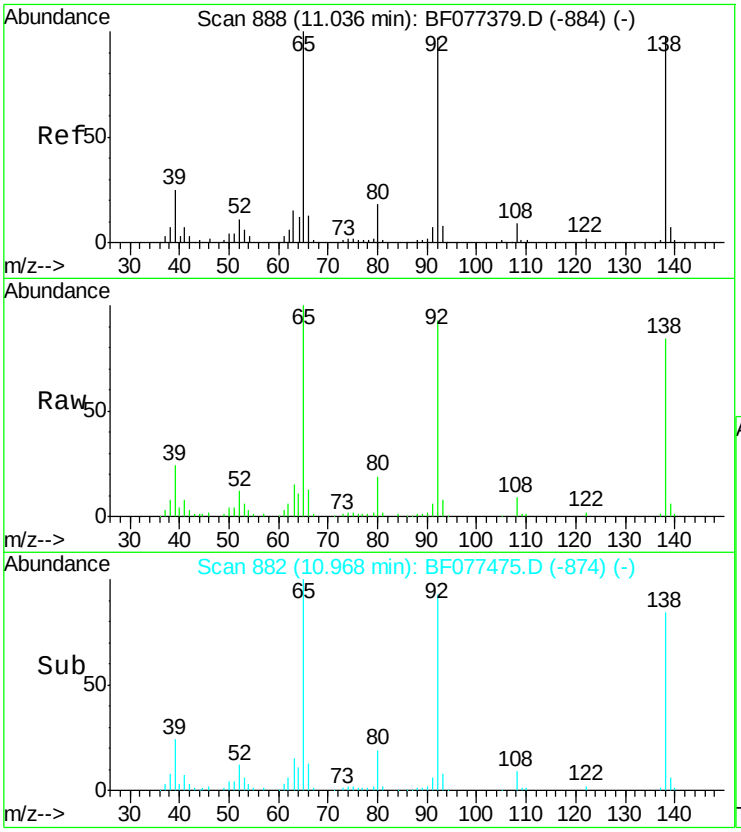


#51
Acenaphthene
Concen: 50.46 ng
RT: 11.06 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:154 Resp: 302542

Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.5	135.7
152	53.8	43.5	65.3

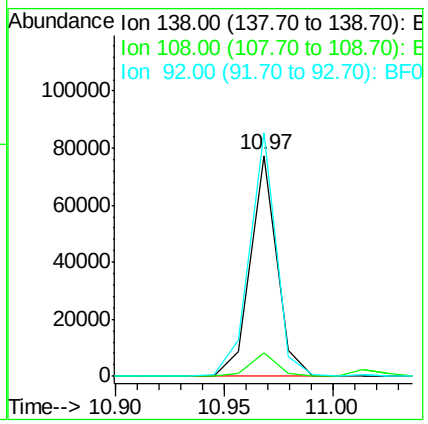




#52
3-Nitroaniline
Concen: 37.50 ng
RT: 10.97 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:138 Resp: 65107

Ion	Ratio	Lower	Upper
138	100		
108	10.4	7.8	11.8
92	110.3	90.6	135.8



Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

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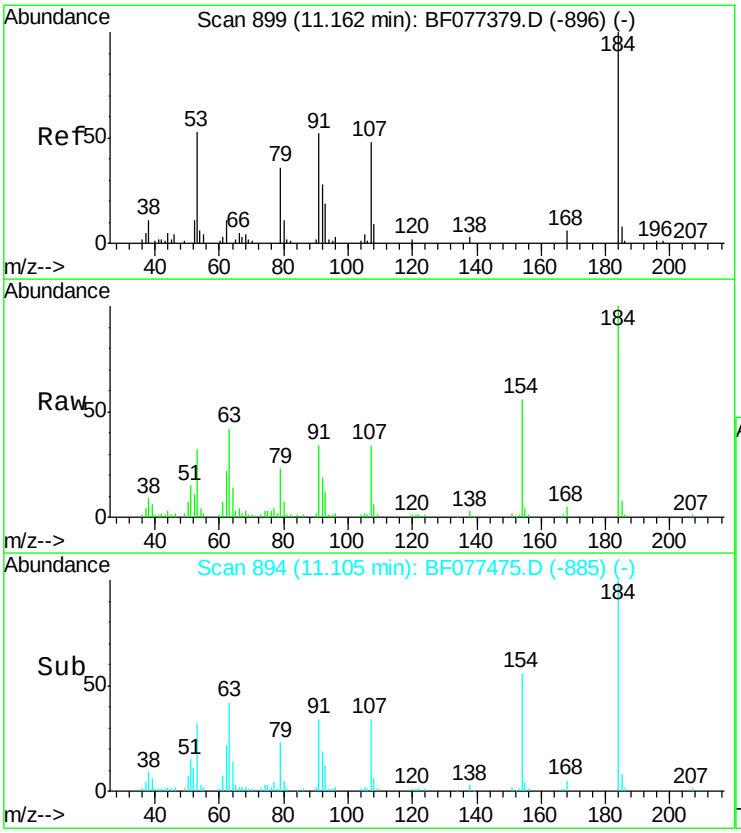
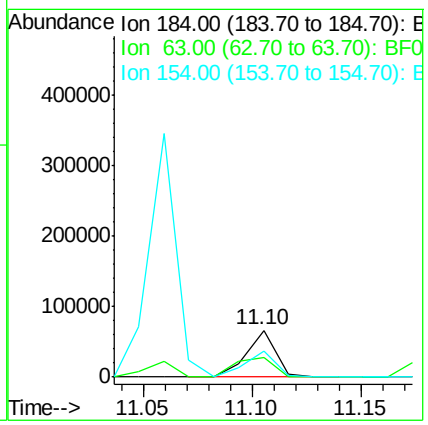
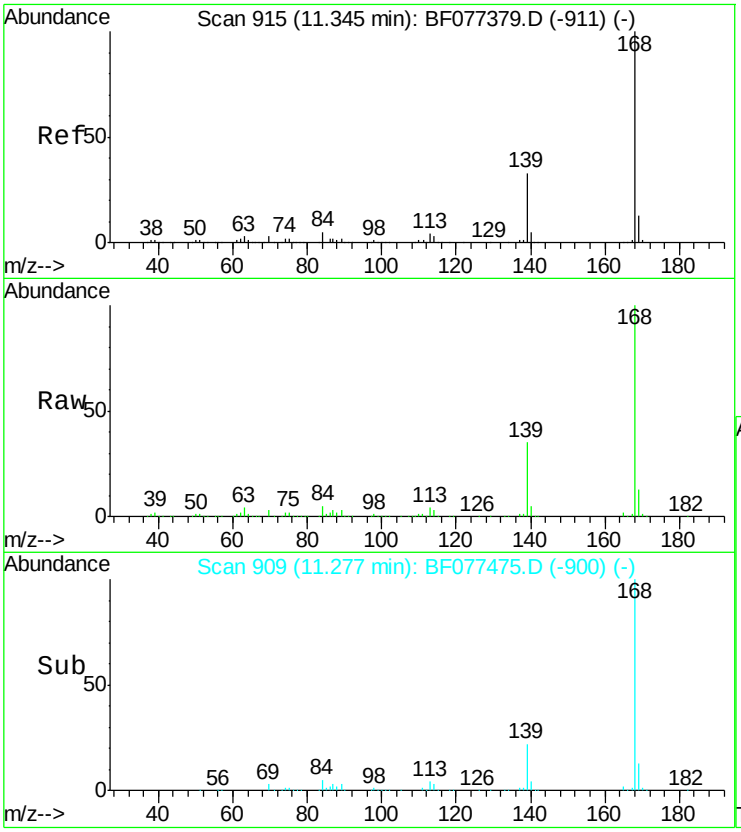


#53
2,4-Dinitrophenol
Concen: 132.92 ng
RT: 11.11 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:184 Resp: 60905

Ion	Ratio	Lower	Upper
184	100		
63	42.2	29.5	44.3
154	56.1	43.2	64.8

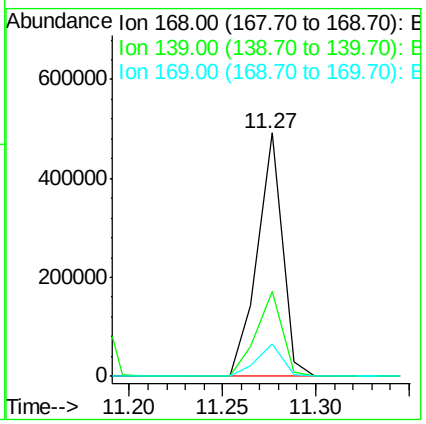




#54
Dibenzofuran
Concen: 49.39 ng
RT: 11.28 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:168 Resp: 457241

Ion	Ratio	Lower	Upper
168	100		
139	34.7	29.3	43.9
169	13.3	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
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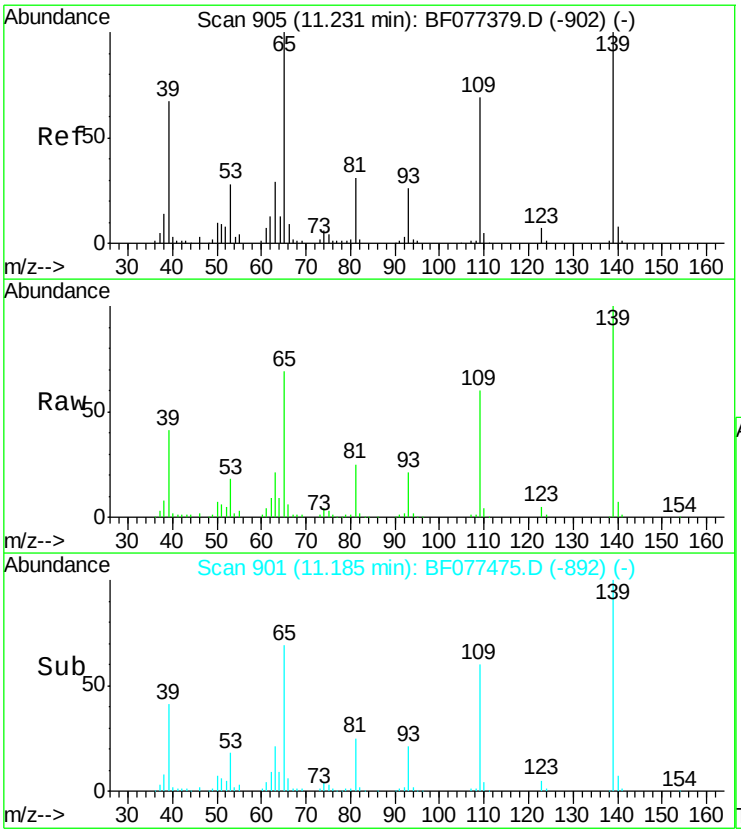
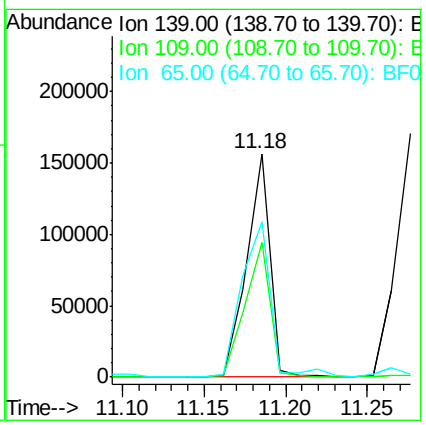
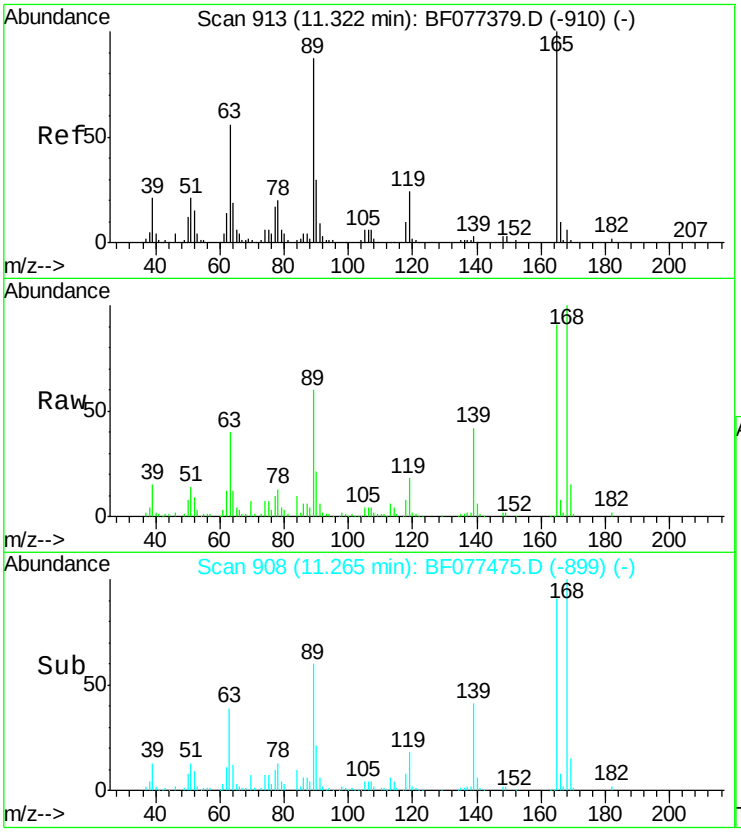


#55
4-Nitrophenol
Concen: 111.25 ng
RT: 11.19 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:139 Resp: 155350

Ion	Ratio	Lower	Upper
139	100		
109	60.0	36.2	76.2
65	69.5	40.3	80.3

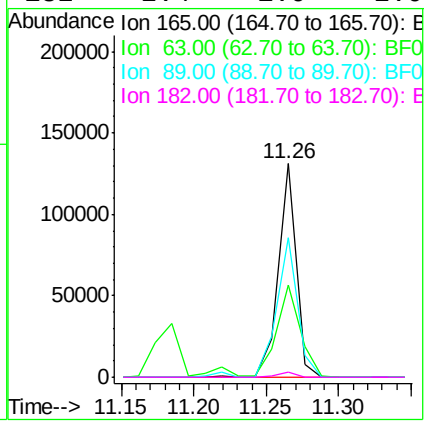




#56
2,4-Dinitrotoluene
Concen: 55.07 ng
RT: 11.27 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:165 Resp: 112056

Ion	Ratio	Lower	Upper
165	100		
63	43.5	29.8	44.8
89	65.6	48.5	72.7
182	2.4	1.9	2.9



Instrument :
BNA_F
ClientSampleId :
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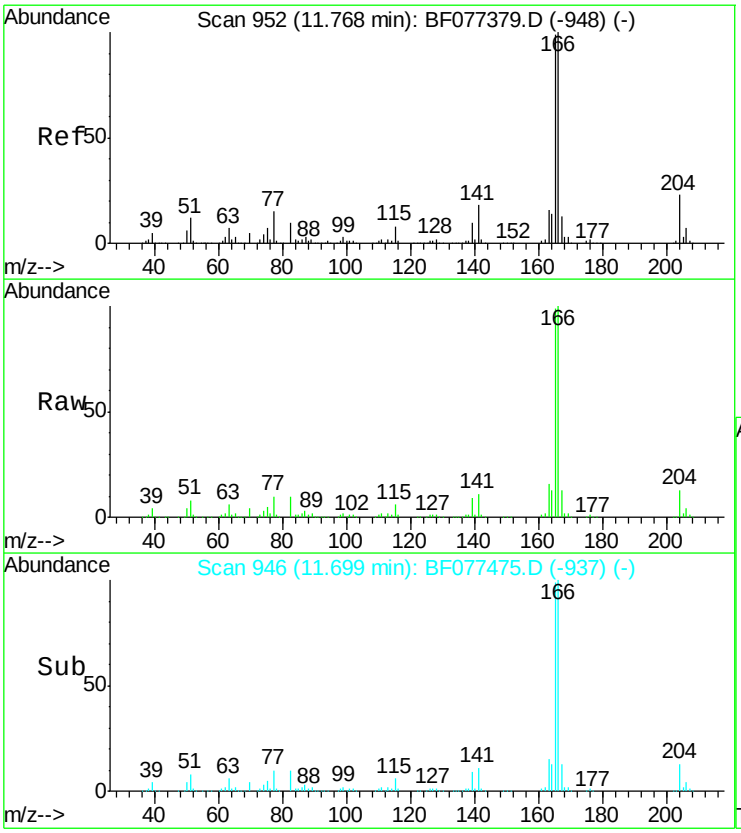
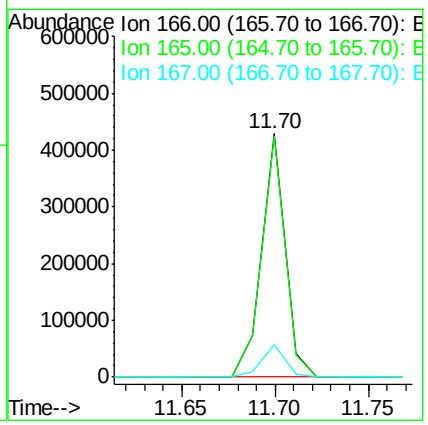
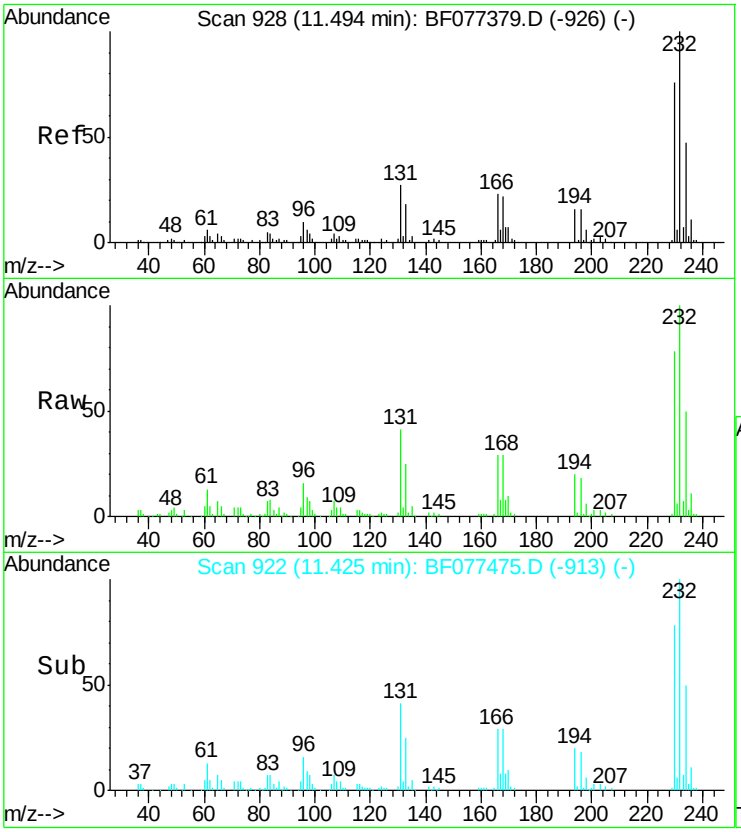


#57
Fluorene
Concen: 50.54 ng
RT: 11.70 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:166 Resp: 374056

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.6	116.4
167	13.4	10.6	16.0

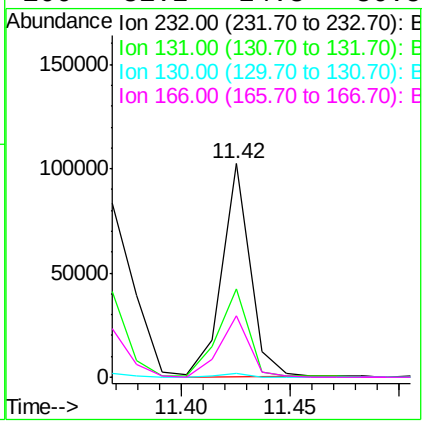




#58
2,3,4,6-Tetrachlorophenol
Concen: 52.26 ng
RT: 11.43 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:232 Resp: 91191

Ion	Ratio	Lower	Upper
232	100		
131	45.1	34.2	51.2
130	2.2	1.8	2.6
166	31.2	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

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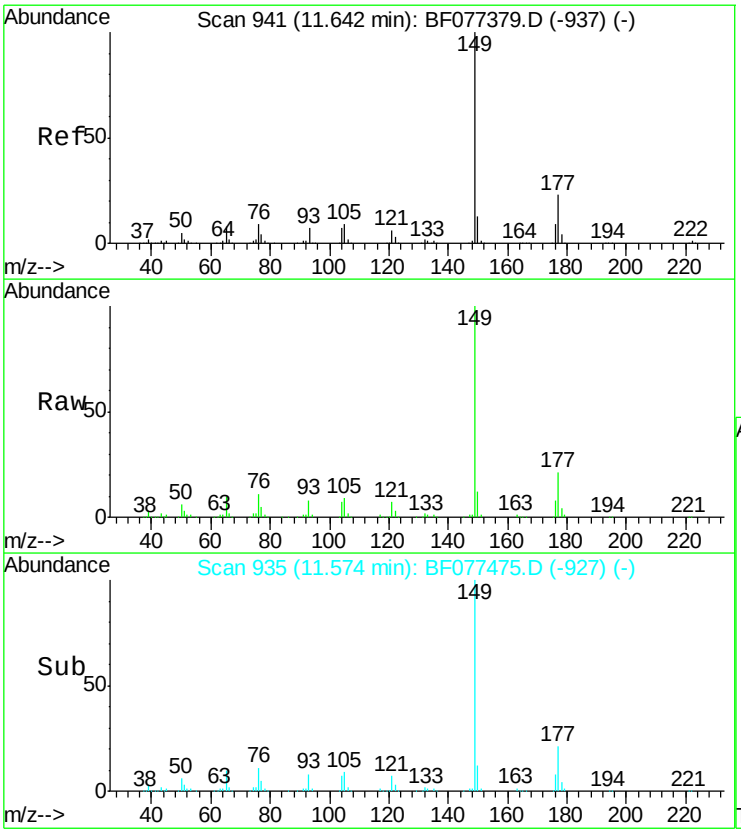
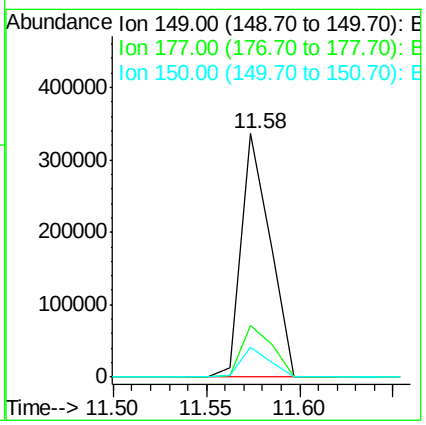
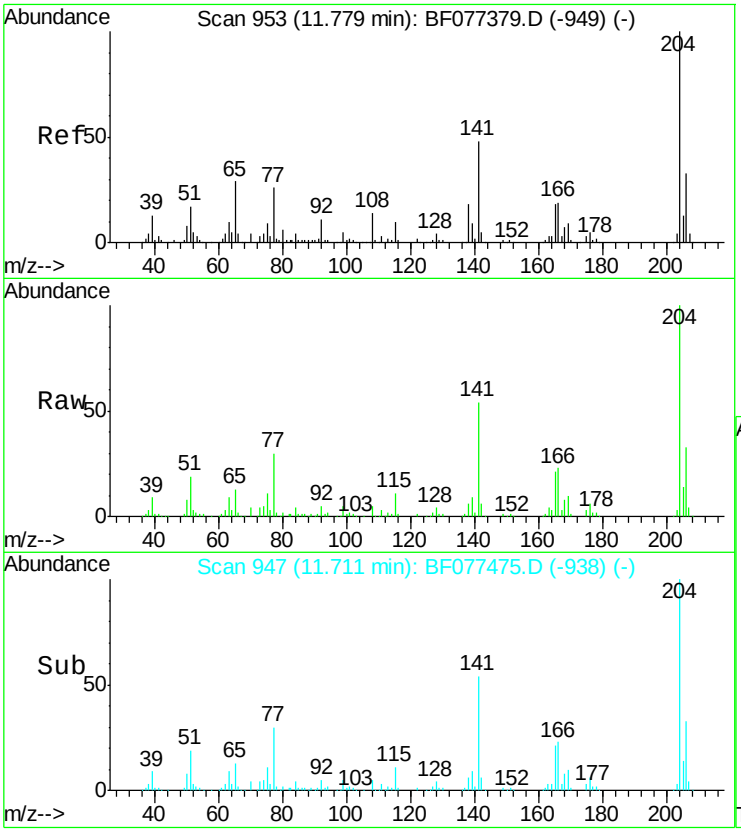


#59
Diethylphthalate
Concen: 48.70 ng
RT: 11.57 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:149 Resp: 360485

Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.2	25.8
150	12.4	10.5	15.7

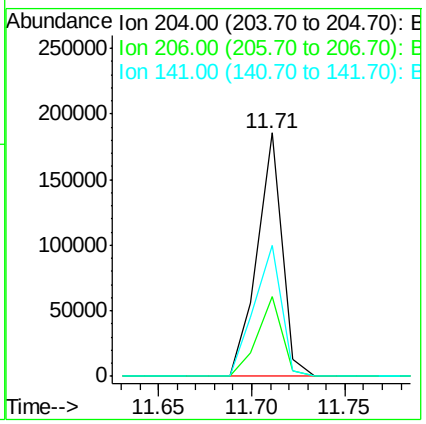




#60
4-Chlorophenyl-phenylether
Concen: 49.01 ng
RT: 11.71 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:204 Resp: 174765

Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.9	38.9
141	53.6	43.6	65.4



Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

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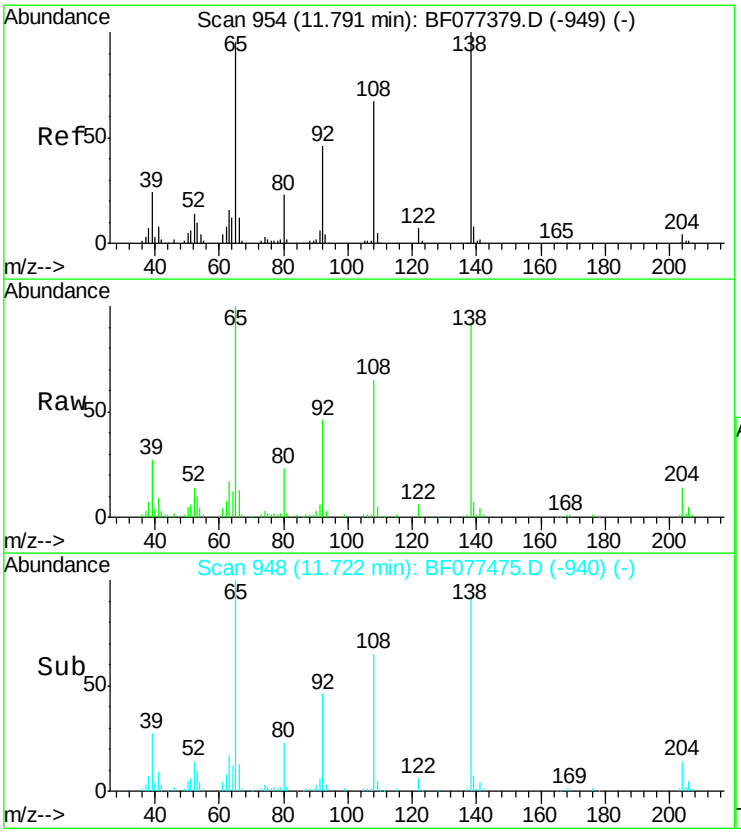
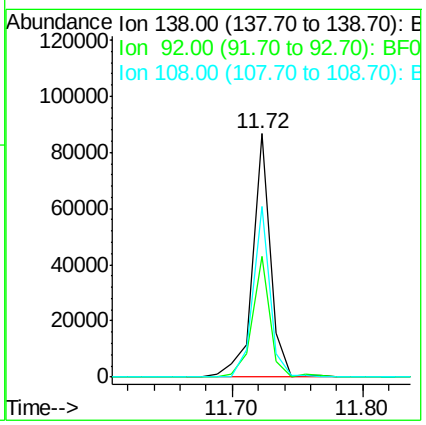
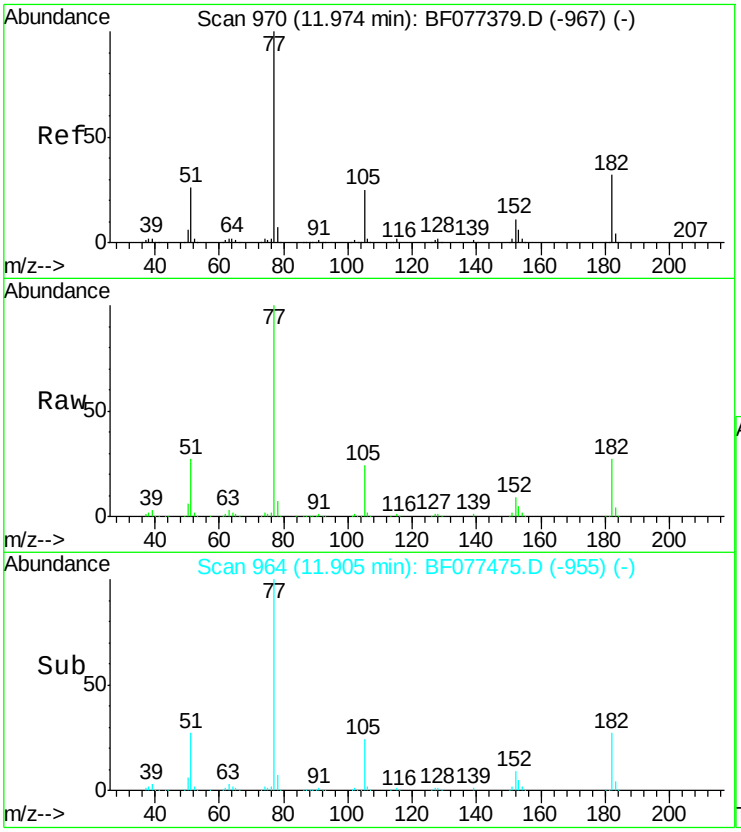


#61
4-Nitroaniline
Concen: 49.71 ng
RT: 11.72 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:138 Resp: 82725

Ion	Ratio	Lower	Upper
138	100		
92	49.4	32.8	72.8
108	70.2	52.1	92.1

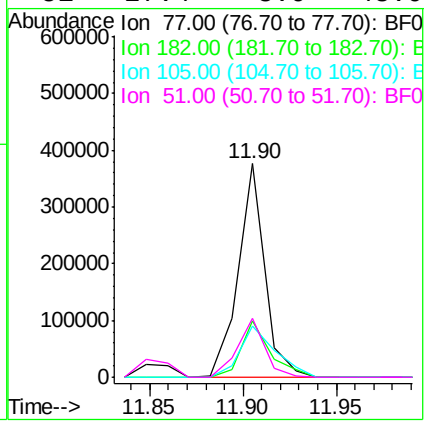




#62
Azobenzene
Concen: 53.30 ng
RT: 11.91 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion: 77 Resp: 374327

Ion	Ratio	Lower	Upper
77	100		
182	26.6	4.9	44.9
105	24.1	3.3	43.3
51	27.4	8.9	48.9



Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

Manual Integrations APPROVED
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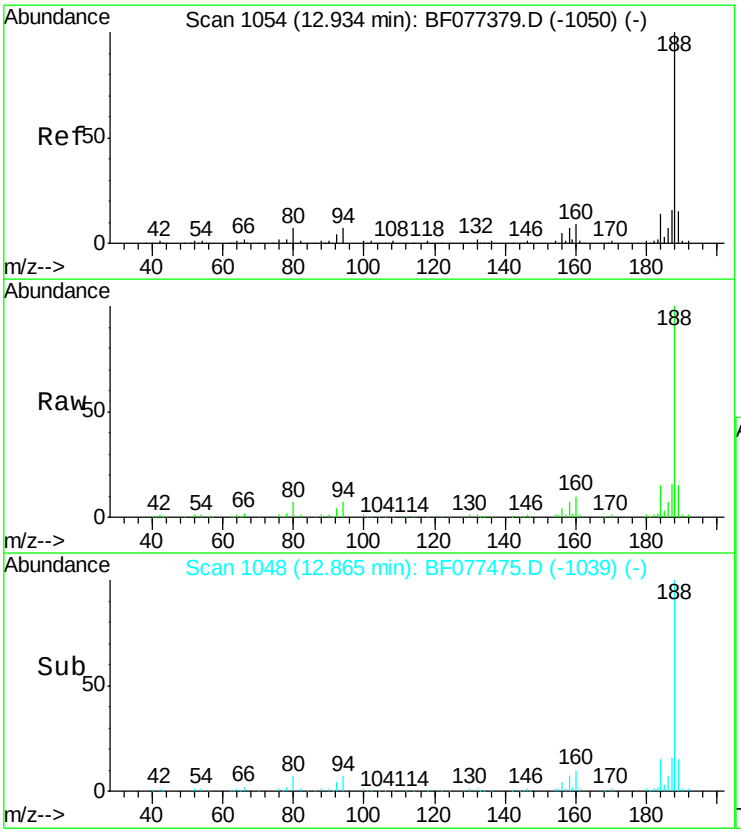
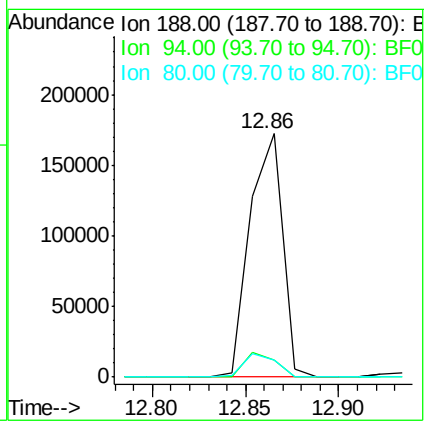
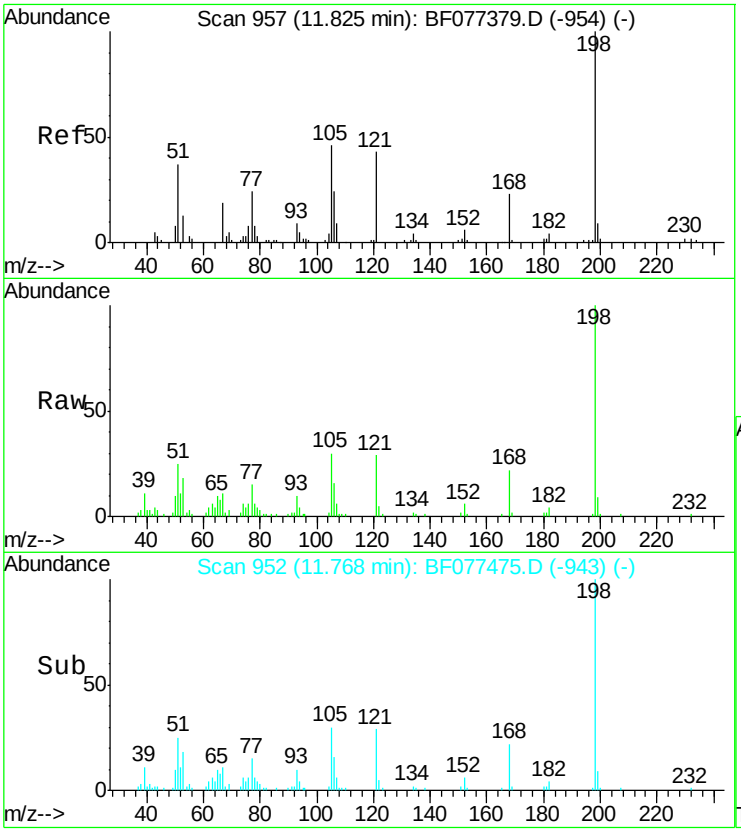


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.87 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:188 Resp: 212252

Ion	Ratio	Lower	Upper
188	100		
94	6.9	7.4	11.2#
80	7.1	8.0	12.0#





#64
4,6-Dinitro-2-methylphenol
Concen: 46.36 ng
RT: 11.77 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:198 Resp: 39147

Ion	Ratio	Lower	Upper
198	100		
51	25.0	2.7	42.7
105	29.6	10.0	50.0

Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

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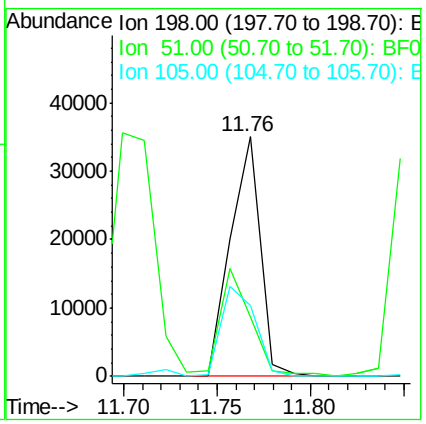
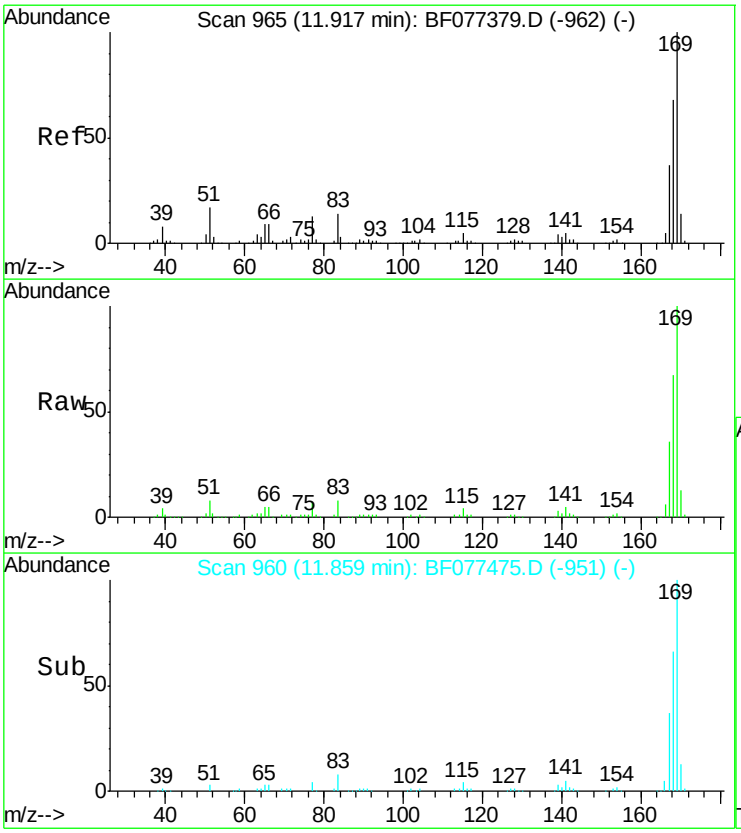
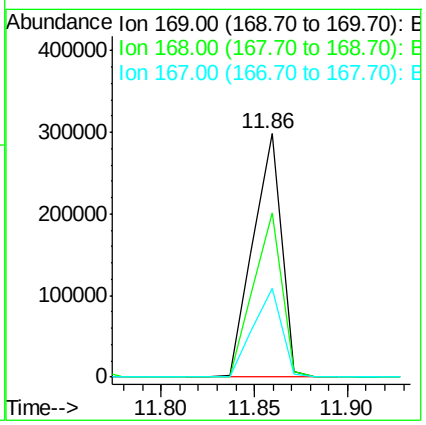


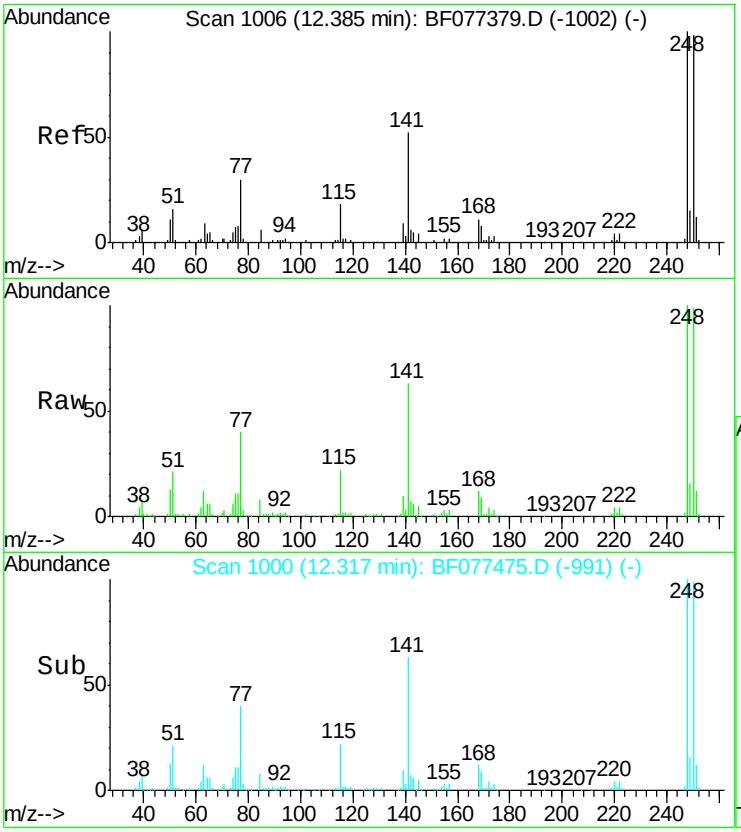


#65
n-Nitrosodiphenylamine
Concen: 44.62 ng
RT: 11.86 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:169 Resp: 314208

Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.0	79.6
167	36.5	29.5	44.3





#66
4-Bromophenyl-phenylether
Concen: 42.34 ng
RT: 12.32 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:248 Resp: 105237

Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.0	117.0
141	62.8	54.1	81.1

Instrument :
BNA_F
ClientSampleId :
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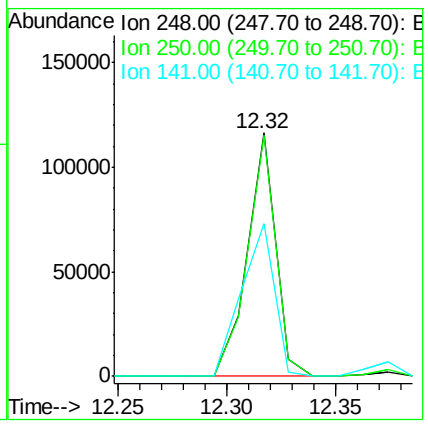
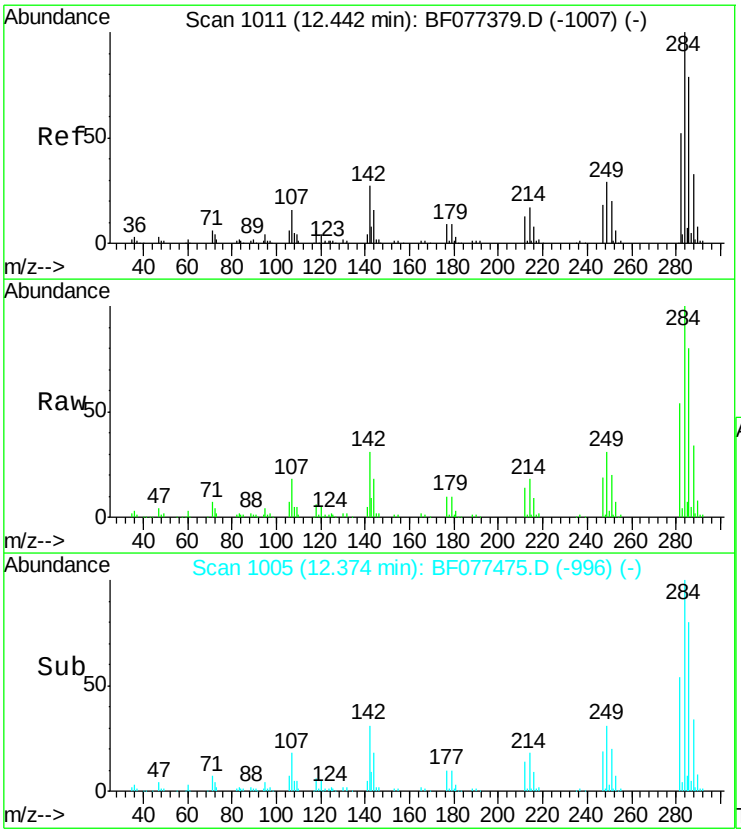
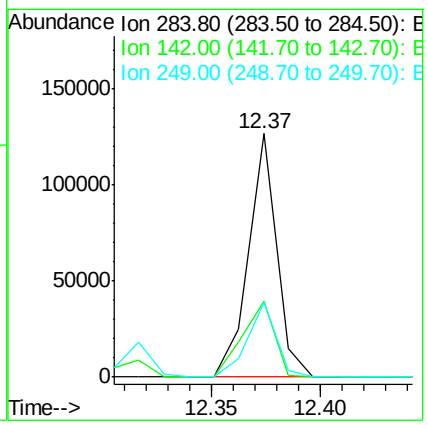


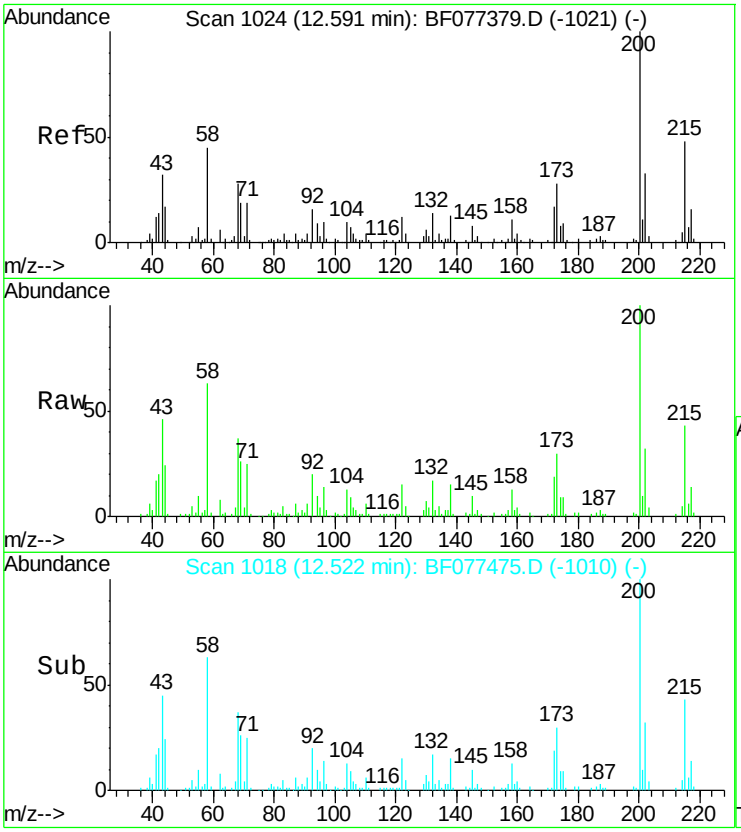


#67
Hexachlorobenzene
Concen: 42.69 ng
RT: 12.37 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:284 Resp: 113882

Ion	Ratio	Lower	Upper
284	100		
142	31.2	31.6	47.4#
249	30.7	27.0	40.4





#68
Atrazine
Concen: 44.71 ng
RT: 12.52 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:200 Resp: 102368

Ion	Ratio	Lower	Upper
200	100		
173	29.6	9.6	49.6
215	42.6	24.4	64.4

Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

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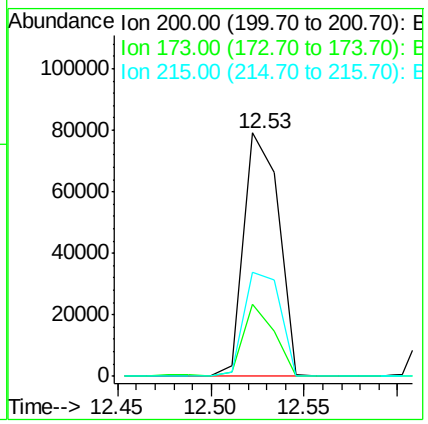
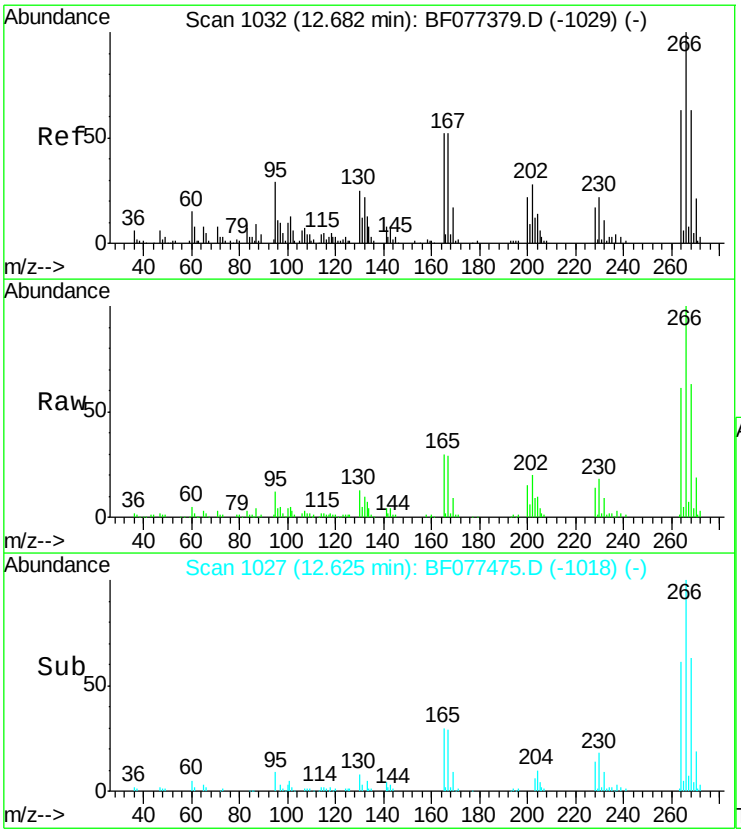
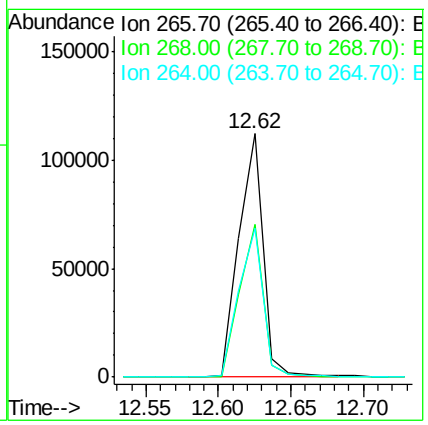


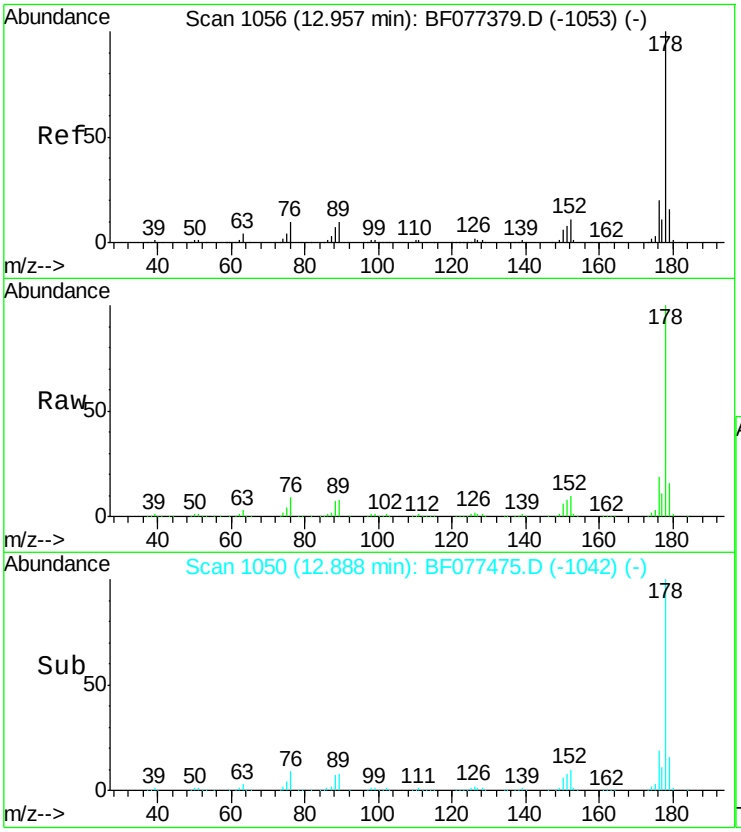


#69
Pentachlorophenol
Concen: 92.99 ng
RT: 12.63 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:266 Resp: 130377

Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.2	76.8
264	61.1	50.7	76.1

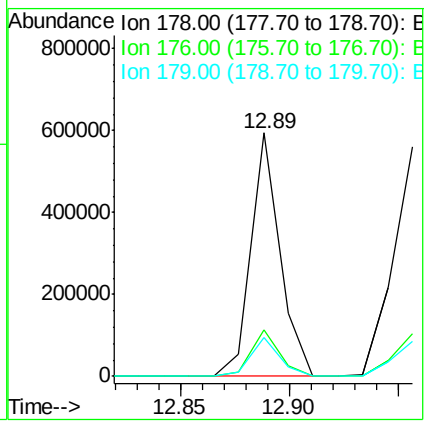




#70
Phenanthrene
Concen: 45.00 ng
RT: 12.89 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:178 Resp: 553625

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.9	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
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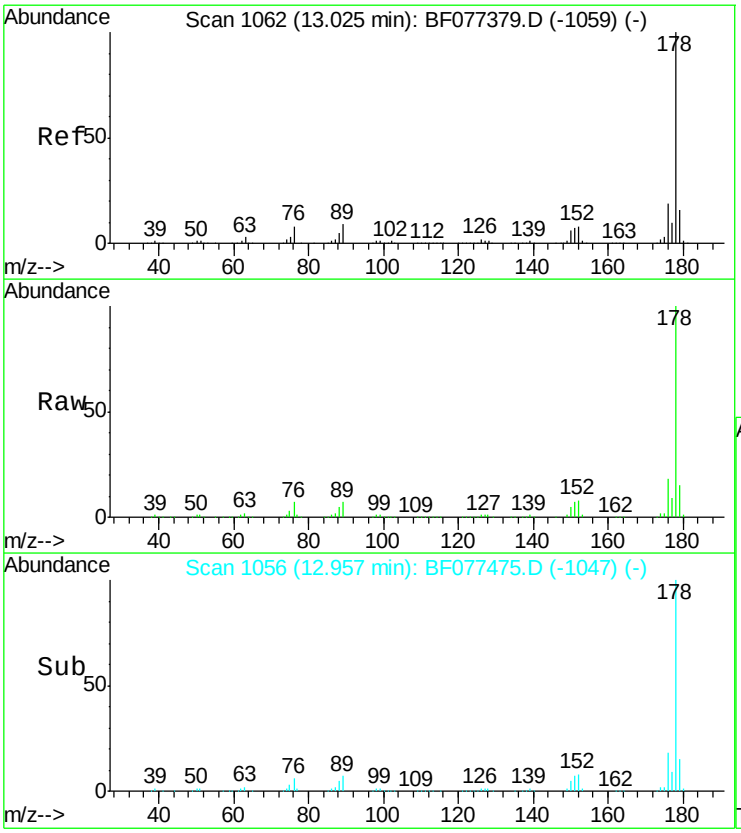
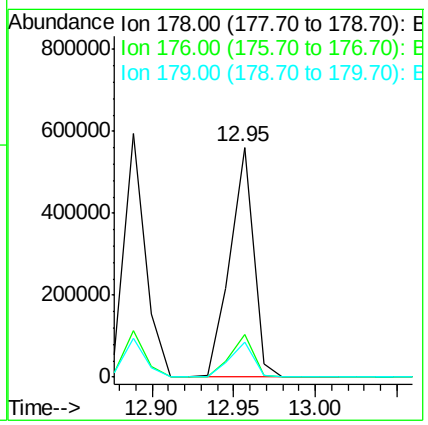
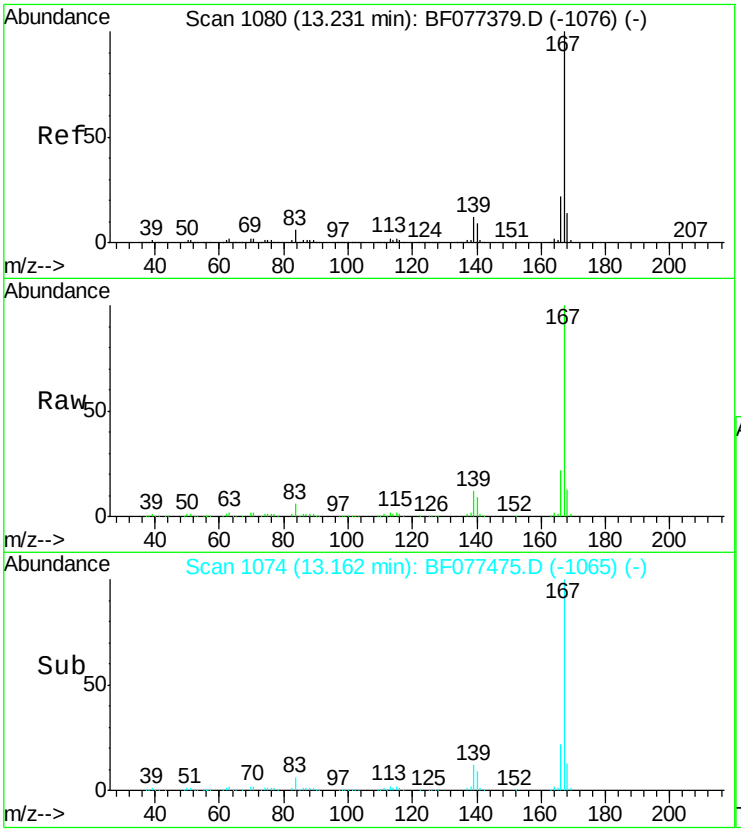


#71
Anthracene
Concen: 45.61 ng
RT: 12.96 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:178 Resp: 556863

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.0
179	15.0	12.9	19.3

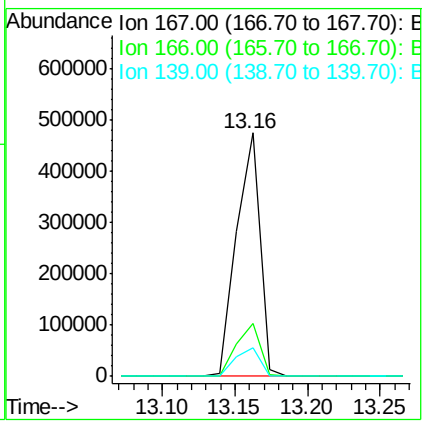




#72
Carbazole
Concen: 46.06 ng
RT: 13.16 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:167 Resp: 534693

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	11.7	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
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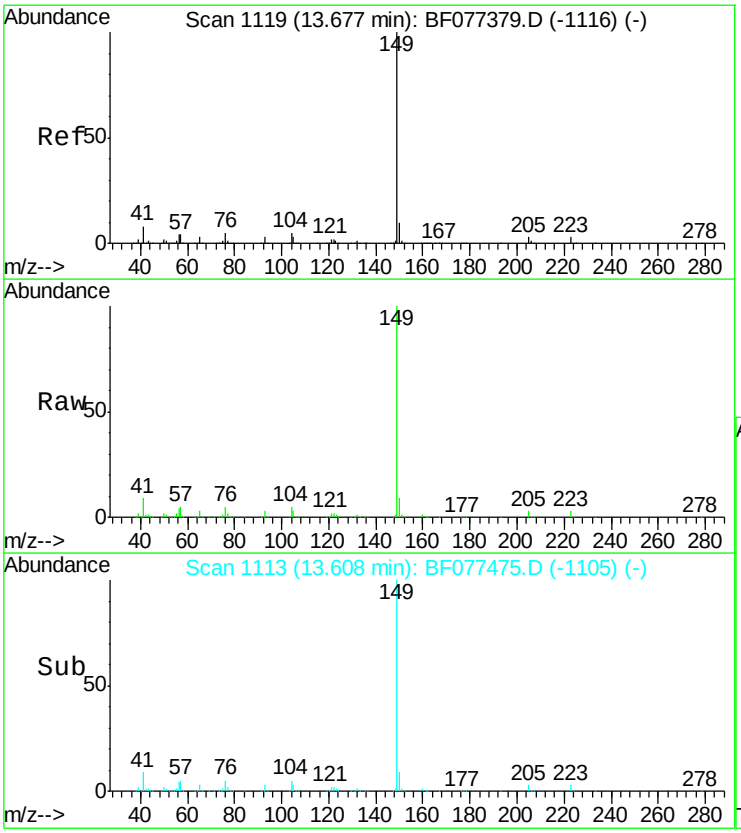
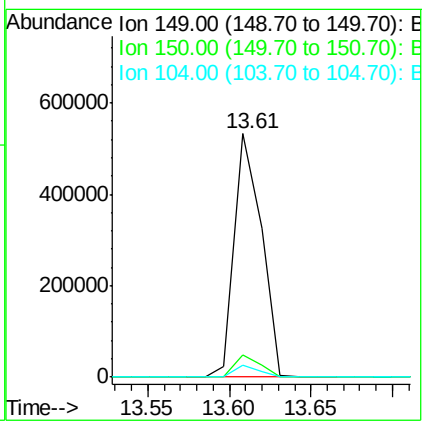
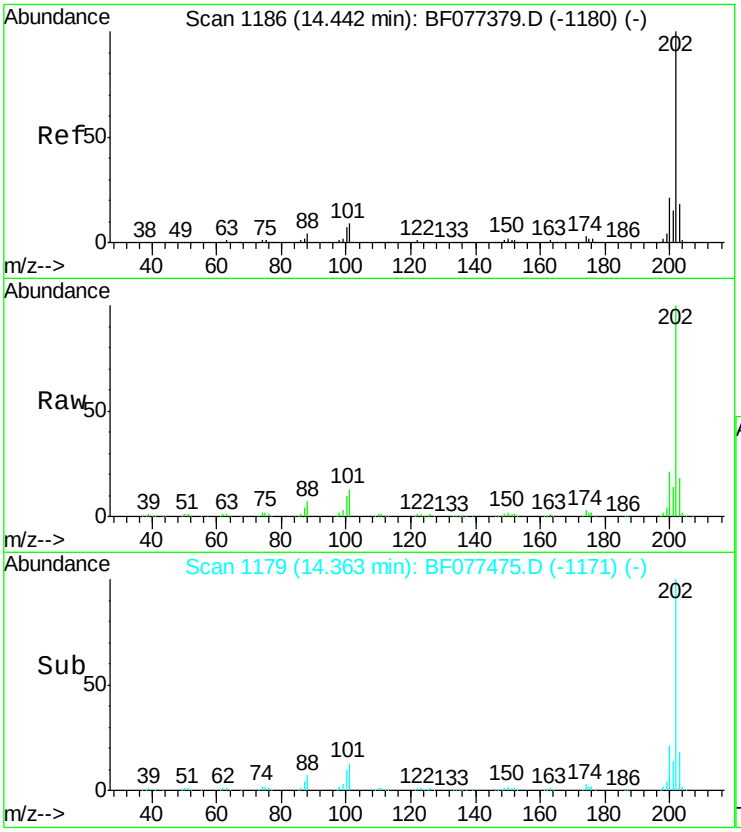


#73
Di-n-butylphthalate
Concen: 44.57 ng
RT: 13.61 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:149 Resp: 607554

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.8
104	5.2	4.1	6.1

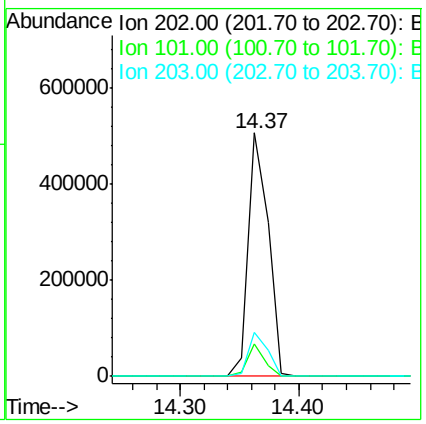




#74
Fluoranthene
Concen: 44.57 ng
RT: 14.36 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:202 Resp: 599000

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	30.8
203	18.2	0.0	37.7



Instrument :
BNA_F
ClientSampleId :
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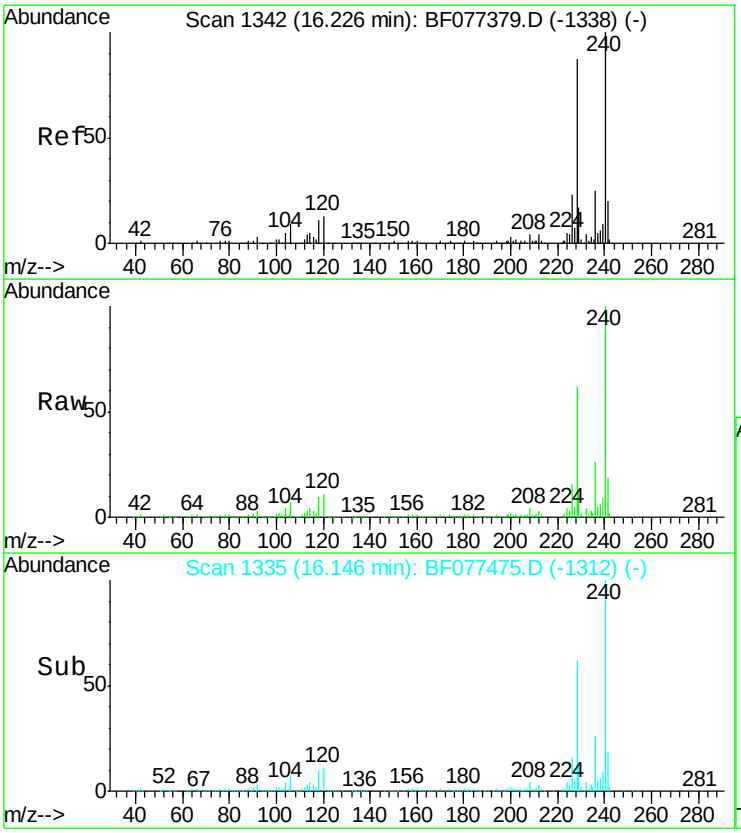
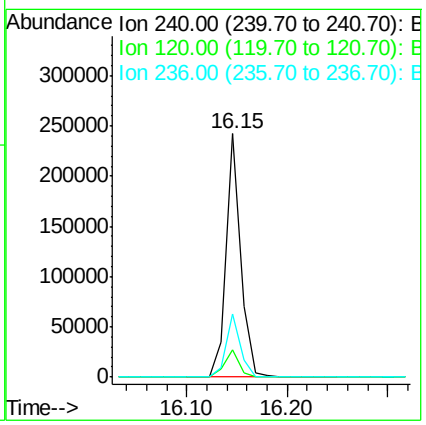
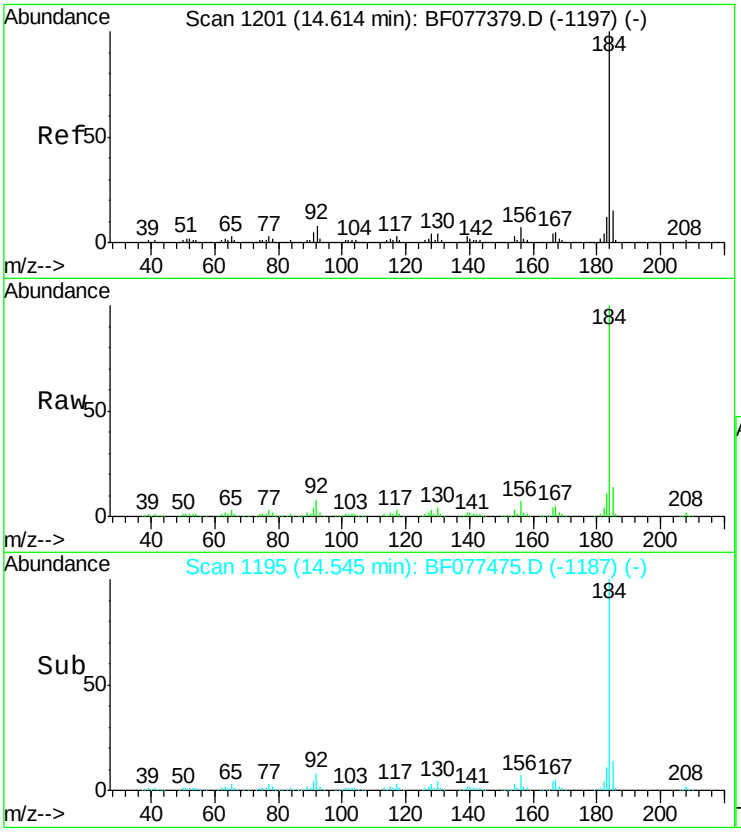


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.15 min Scan# 1335
Delta R.T. -0.03 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:240 Resp: 242673

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.8	13.2
236	25.7	20.7	31.1

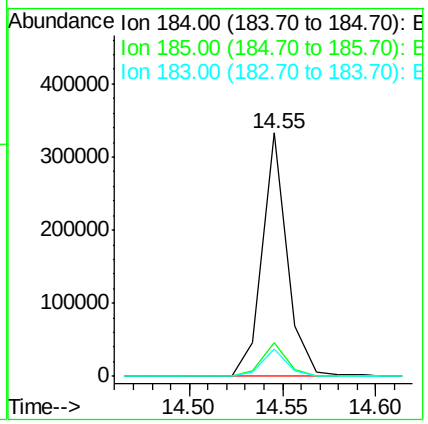




#76
Benzidine
Concen: 38.06 ng
RT: 14.55 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:184 Resp: 312029

Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.6	18.8
183	11.2	9.3	13.9



Instrument :
BNA_F
ClientSampleId :
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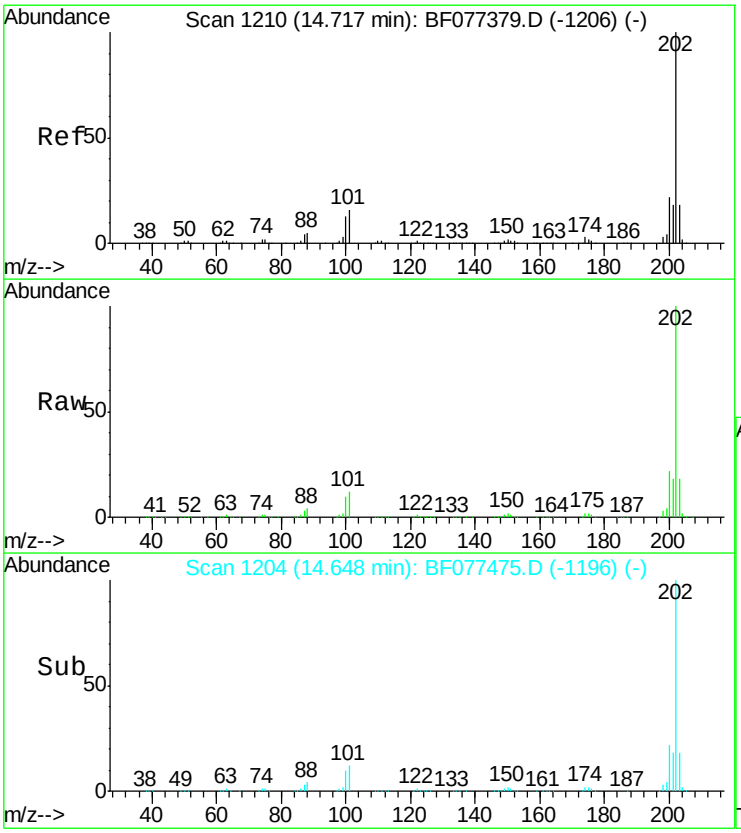
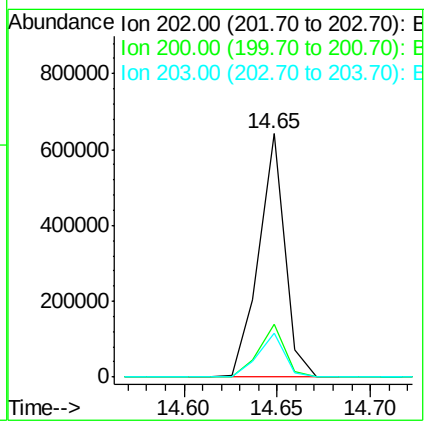
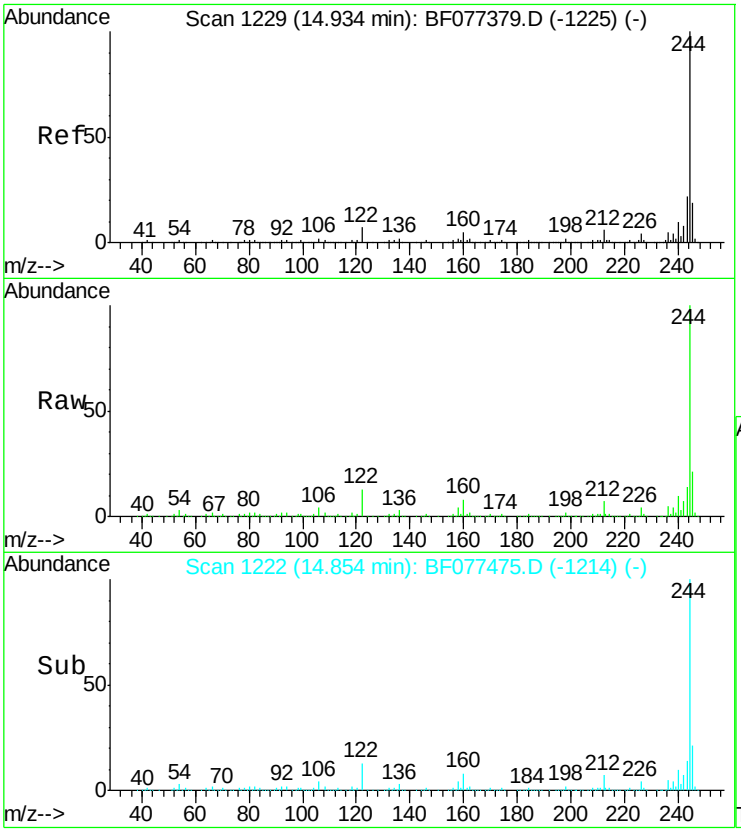


#77
Pyrene
Concen: 42.64 ng
RT: 14.65 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:202 Resp: 632960

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.1	25.7
203	18.2	14.2	21.2

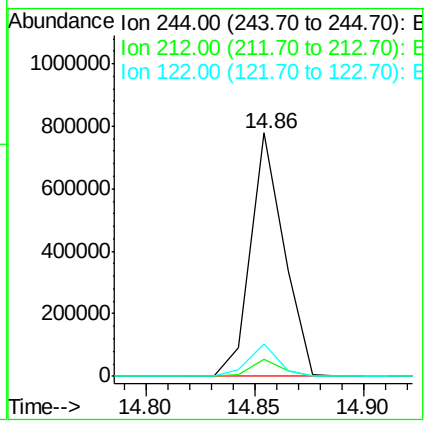




#78
Terphenyl-d14
Concen: 80.10 ng
RT: 14.85 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:244 Resp: 831436

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.2	7.8
122	13.3	7.8	11.8#



Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

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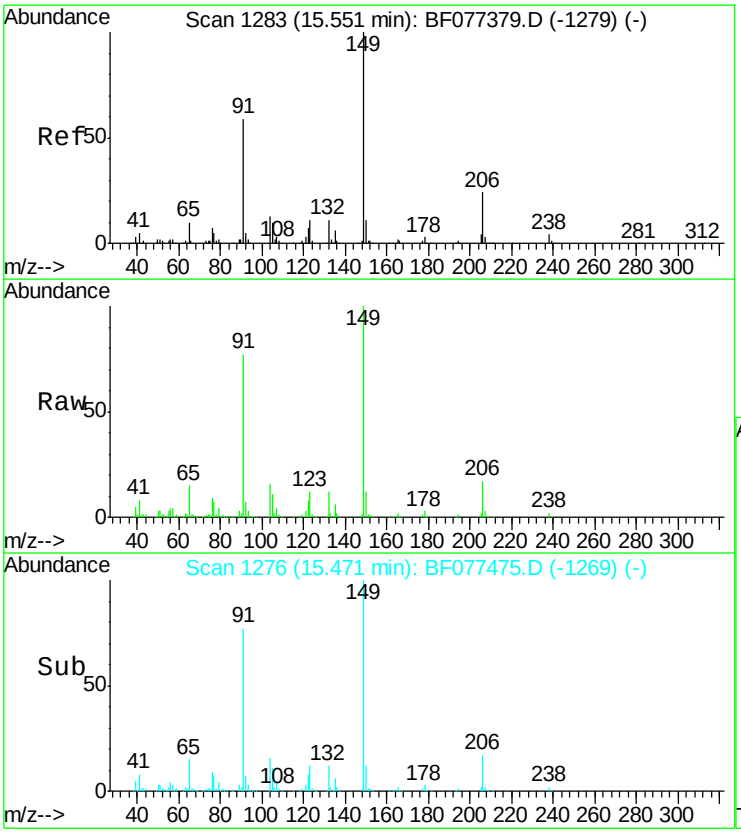
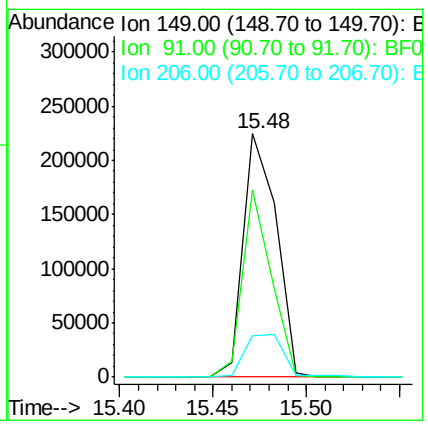
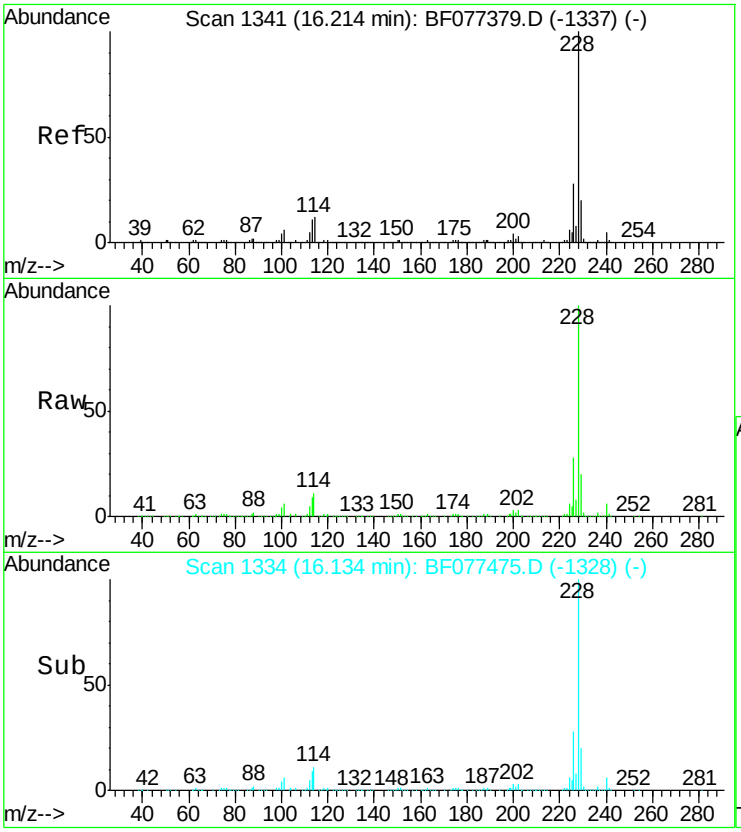


#79
Butylbenzylphthalate
Concen: 45.31 ng
RT: 15.47 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:149 Resp: 276696

Ion	Ratio	Lower	Upper
149	100		
91	76.8	51.2	76.8#
206	17.2	17.8	26.8#

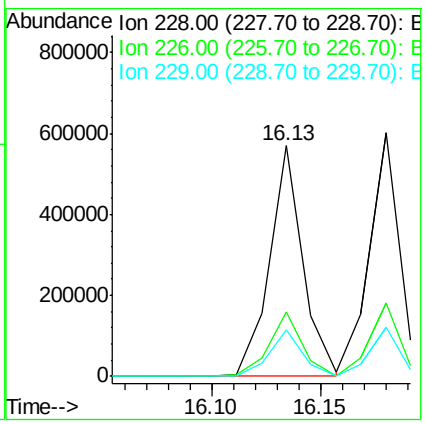




#80
Benzo(a)anthracene
Concen: 42.89 ng
RT: 16.13 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:228 Resp: 609999

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.0	33.0
229	20.3	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
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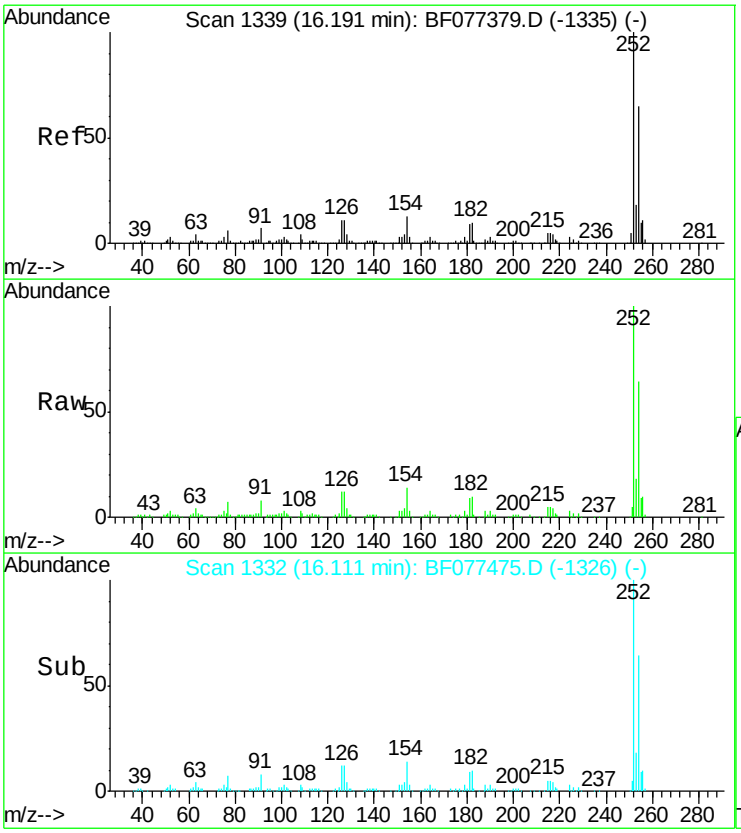
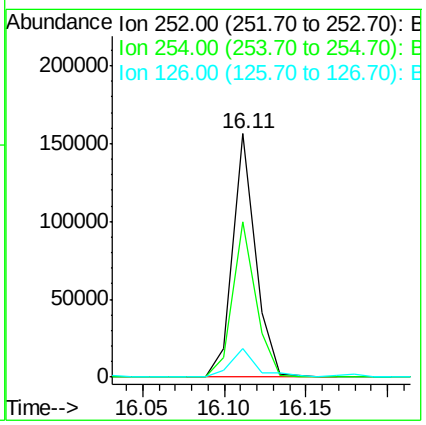
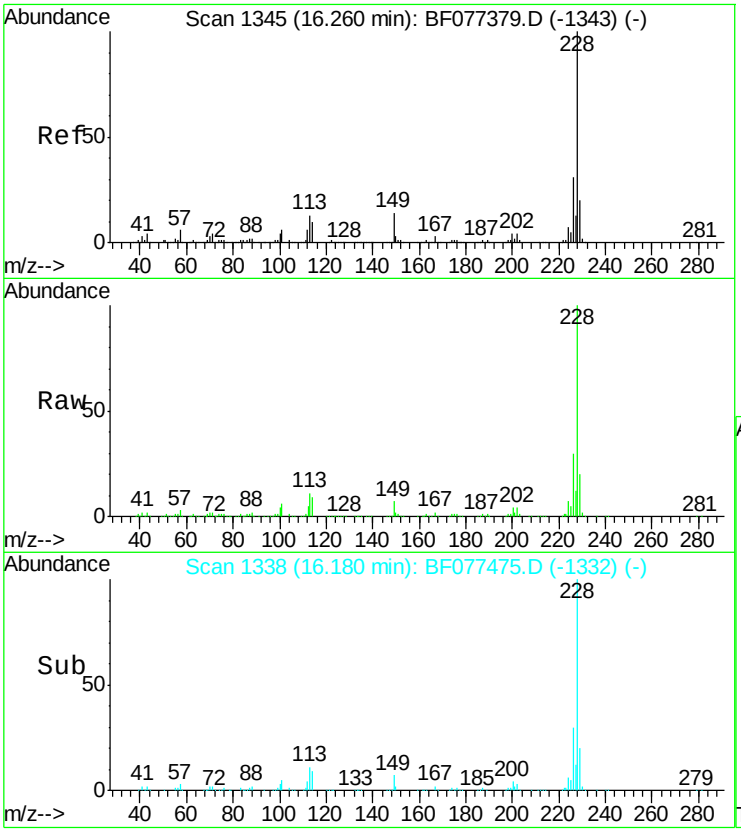


#81
3,3'-Dichlorobenzidine
Concen: 28.93 ng
RT: 16.11 min Scan# 1332
Delta R.T. -0.03 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:252 Resp: 150763

Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.9	79.3
126	11.9	7.3	10.9#

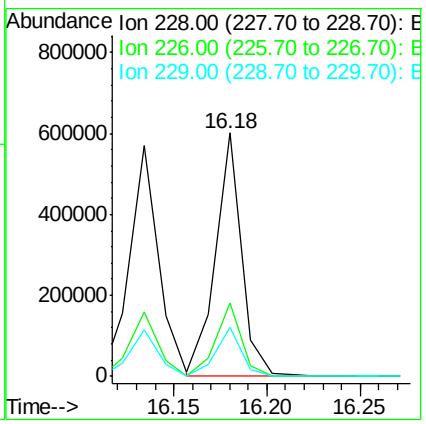




#82
Chrysene
Concen: 43.63 ng
RT: 16.18 min Scan# 1338
Delta R.T. -0.03 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:228 Resp: 582647

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	20.2	16.4	24.6



Instrument :
BNA_F
ClientSampleId :
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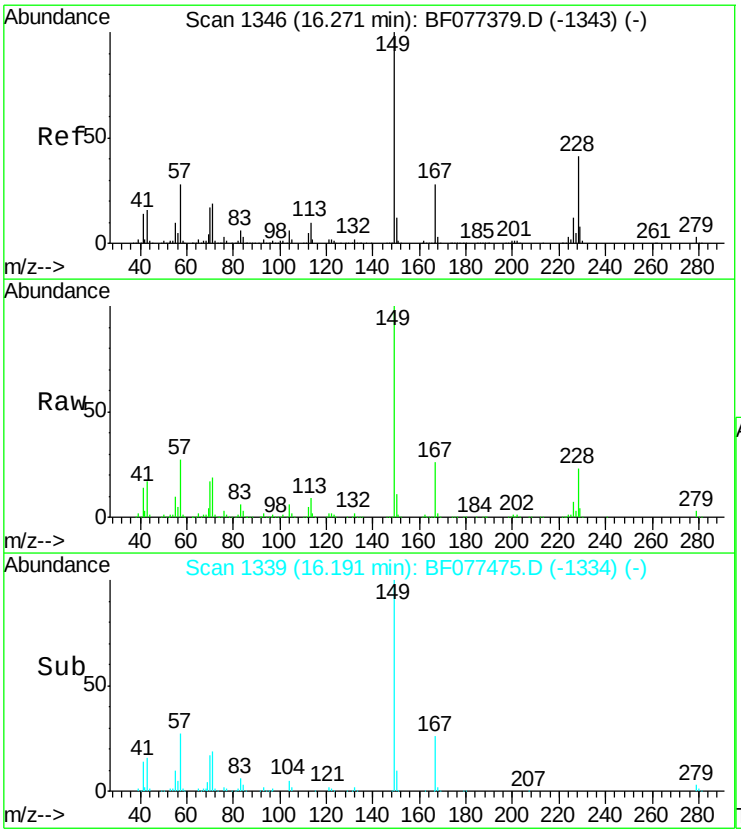
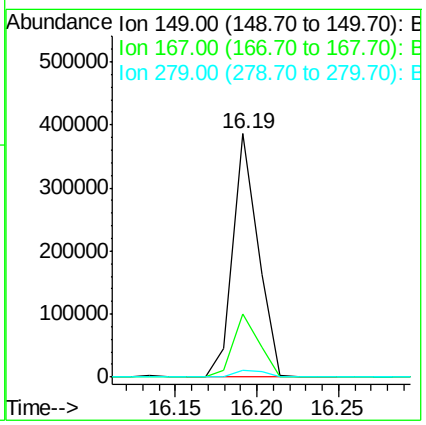
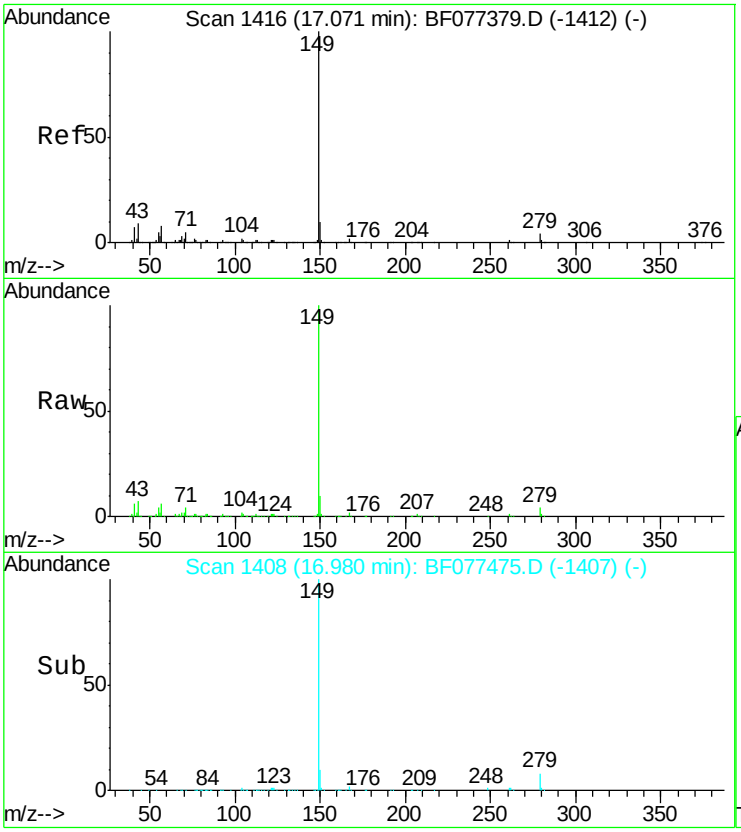


#83
Bis(2-ethylhexyl)phthalate
Concen: 41.95 ng
RT: 16.19 min Scan# 1339
Delta R.T. -0.05 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:149 Resp: 410871

Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.8	34.2
279	2.6	3.8	5.6#

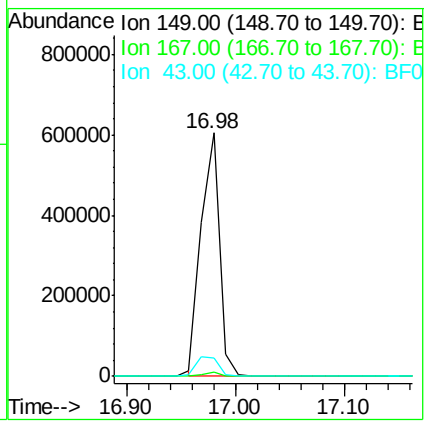




#84
Di-n-octyl phthalate
Concen: 43.95 ng
RT: 16.98 min Scan# 1408
Delta R.T. -0.09 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:149 Resp: 718645

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

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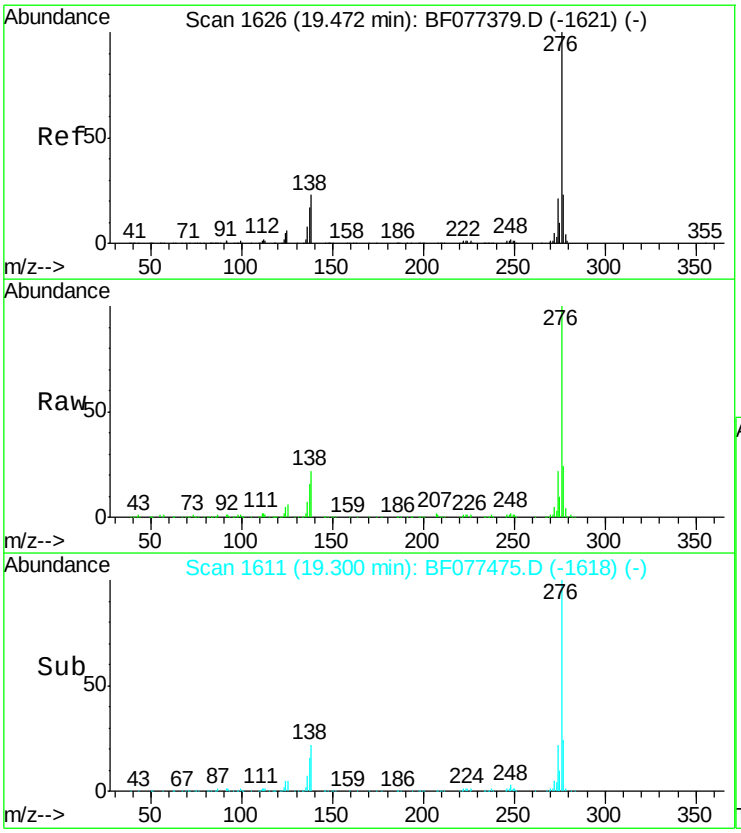
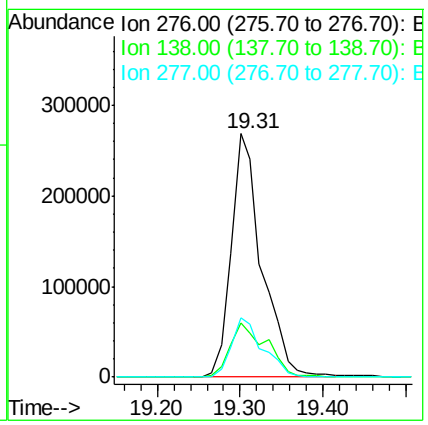
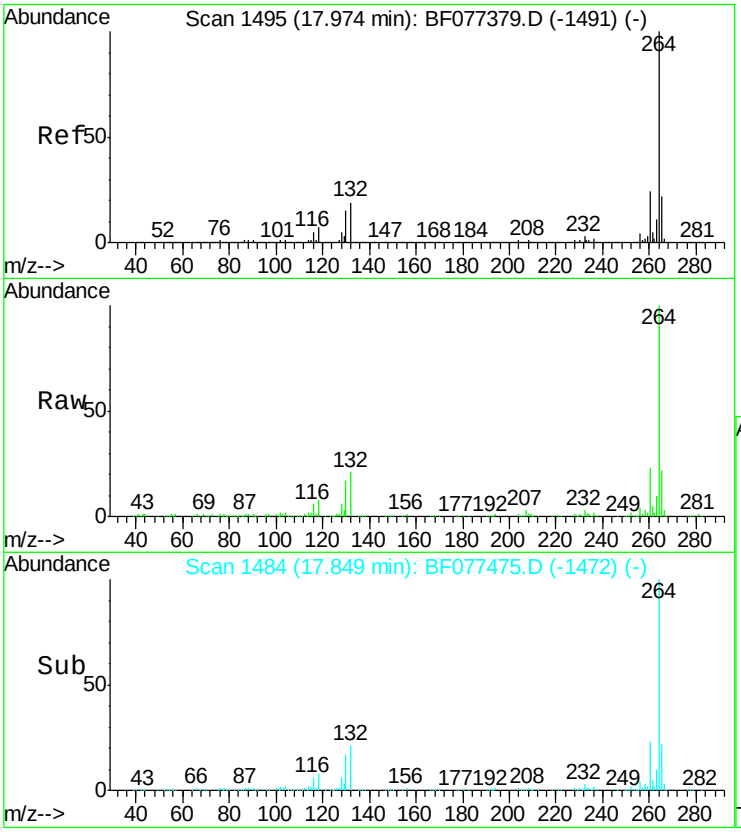


#85
Indeno(1,2,3-cd)pyrene
Concen: 45.23 ng m
RT: 19.30 min Scan# 1611
Delta R.T. -0.18 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:276 Resp: 688759

Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.2	31.8#
277	0.0	20.0	30.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.85 min Scan# 1484
Delta R.T. -0.16 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:264 Resp: 230343

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	21.5	16.8	25.2

Instrument :
BNA_F
ClientSampleId :
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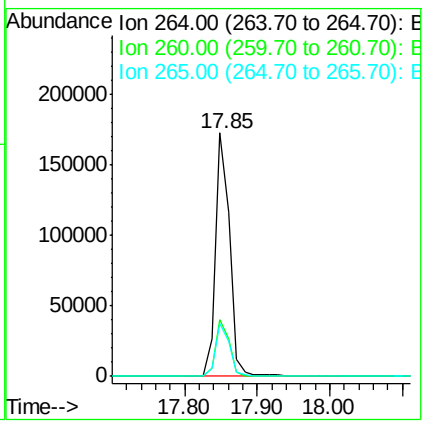
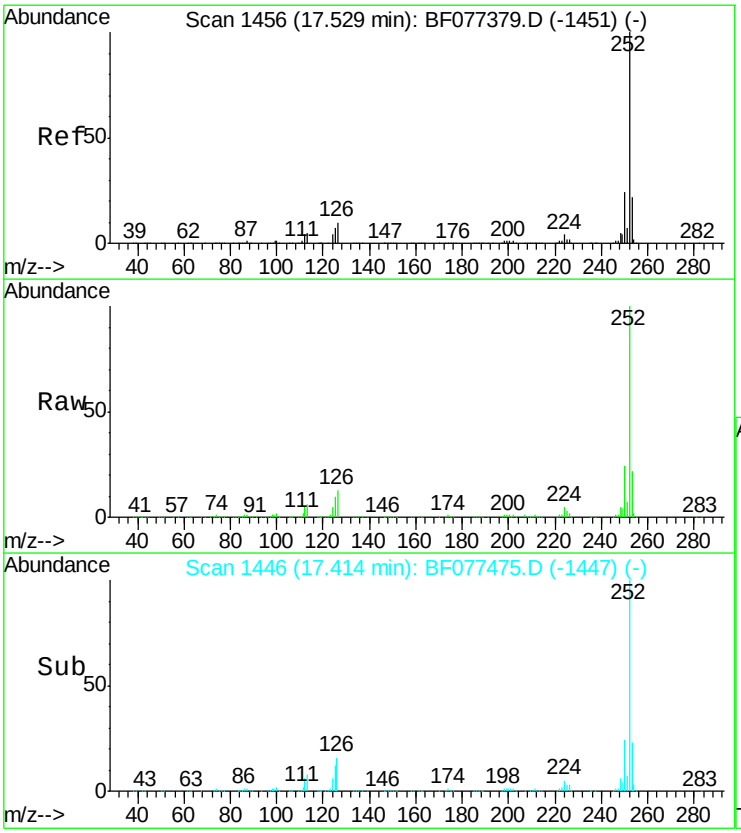
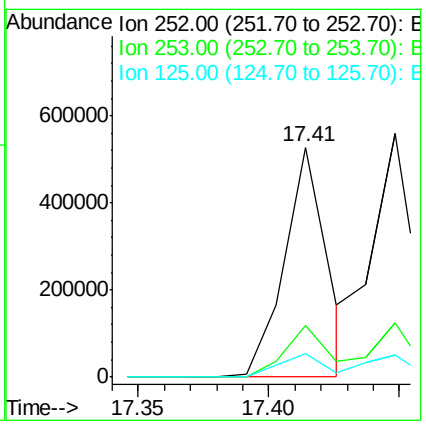


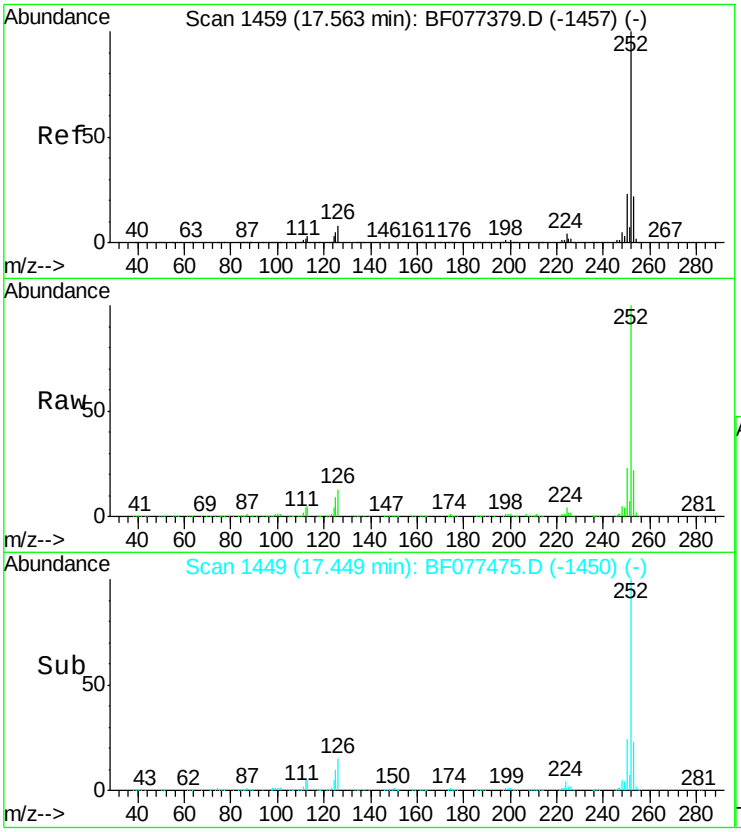


#87
Benzo(b)fluoranthene
Concen: 44.30 ng
RT: 17.41 min Scan# 1446
Delta R.T. -0.11 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:252 Resp: 593426

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	10.1	5.4	8.2#





#88
Benzo(k)fluoranthene
Concen: 46.86 ng m
RT: 17.45 min Scan# 1449
Delta R.T. -0.11 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:252 Resp: 615163

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	8.9	10.1	15.1#

Instrument :
BNA_F
ClientSampleId :
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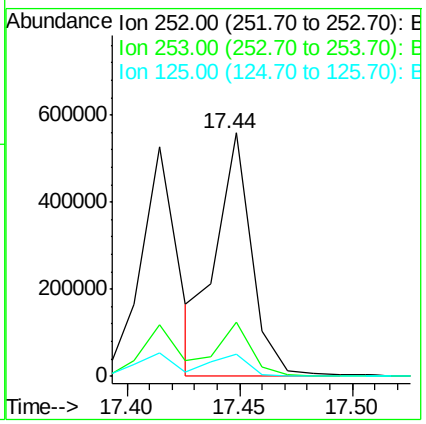
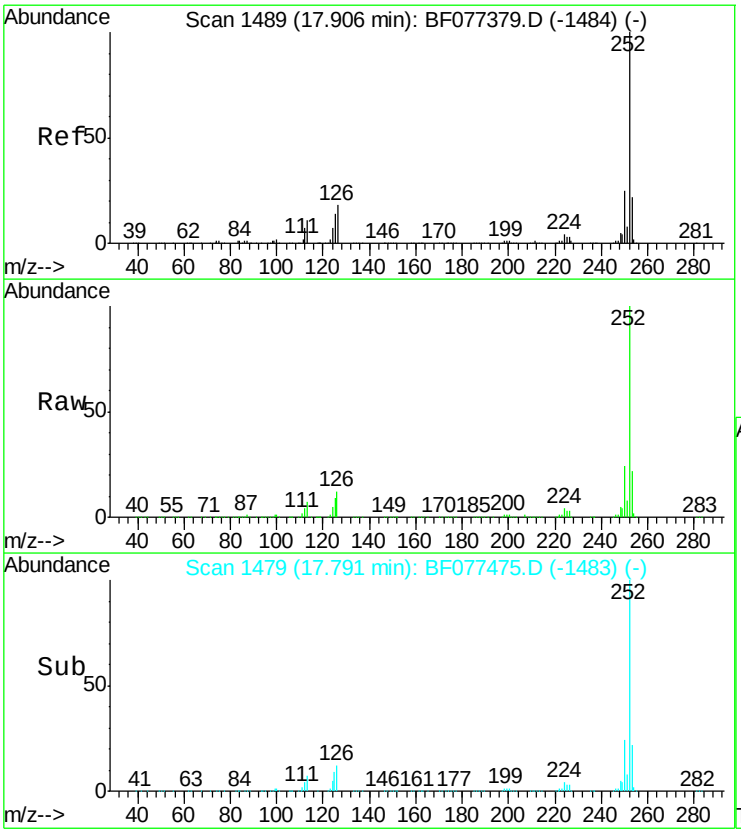
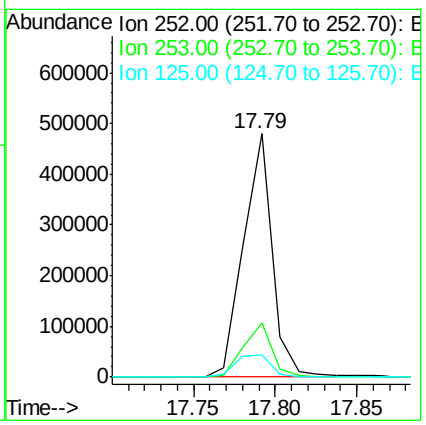


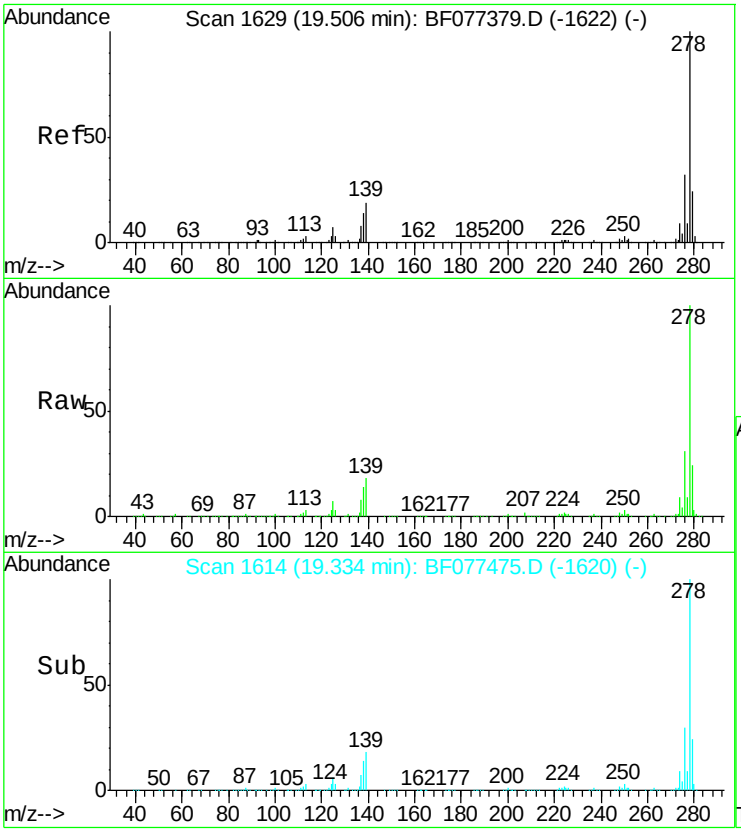


#89
Benzo(a)pyrene
Concen: 46.14 ng
RT: 17.79 min Scan# 1479
Delta R.T. -0.15 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:252 Resp: 588553

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	9.4	8.3	12.5

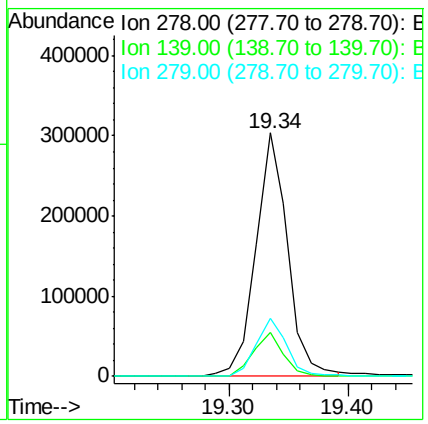




#90
Dibenzo(a,h)anthracene
Concen: 46.72 ng
RT: 19.33 min Scan# 1614
Delta R.T. -0.17 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:278 Resp: 568365

Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.3	21.5
279	24.1	19.0	28.6



Instrument :
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ClientSampleId :
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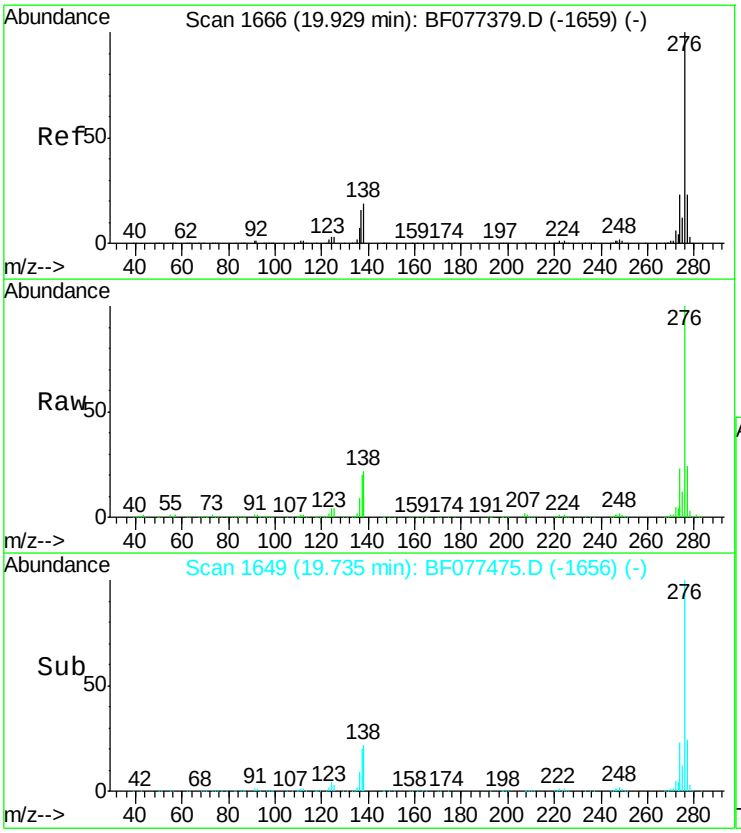

#91
Benzo(g,h,i)perylene
Concen: 46.25 ng
RT: 19.73 min Scan# 1649
Delta R.T. -0.18 min
Lab File: BF077475.D
Acq: 26 Feb 2015 20:00

Tgt Ion:276 Resp: 567877

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	22.3	20.5	30.7