Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083850.D
Acq On : 16 Dec 2015 16:09
Operator : UM/SJ
Sample : PB87334BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87334BS

Manual Integrations APPROVED
MMdadoda
12/17/2015 5:34:13 PM

Quant Time: Dec 17 03:57:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	95696	20.00	ng		-0.03
21) Naphthalene-d8	8.18	136	395587	20.00	ng		-0.03
38) Acenaphthene-d10	9.93	164	182428	20.00	ng		-0.03
63) Phenanthrene-d10	11.41	188	350883	20.00	ng		-0.03
75) Chrysene-d12	14.04	240	259202	20.00	ng		-0.03
86) Perylene-d12	15.48	264	198575	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	566018	95.42	ng		-0.02
7) Phenol-d6	6.53	99	755936	100.63	ng		-0.01
23) Nitrobenzene-d5	7.46	82	486266	68.77	ng		-0.02
41) 2,4,6-Tribromophenol	10.72	330	192289	103.44	ng		-0.03
44) 2-Fluorobiphenyl	9.25	172	877129	65.96	ng		-0.03
78) Terphenyl-d14	12.99	244	811214	67.32	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	74850	26.09	ng	#	80
3) Pyridine	3.32	79	229370	31.78	ng	#	81
4) n-Nitrosodimethylamine	3.25	42	84930	31.11	ng	#	66
6) Aniline	6.56	93	177812	17.43	ng	#	80
8) 2-Chlorophenol	6.68	128	244205	35.03	ng	#	79
9) Benzaldehyde	6.43	77	111339	27.60	ng		96
10) Phenol	6.54	94	307088	35.52	ng		82
11) bis(2-Chloroethyl)ether	6.62	93	200075	31.95	ng		92
12) 1,3-Dichlorobenzene	6.83	146	237076	32.05	ng		98
13) 1,4-Dichlorobenzene	6.91	146	259743	34.75	ng		97
14) 1,2-Dichlorobenzene	7.06	146	223732	33.31	ng		95
15) Benzyl Alcohol	7.04	79	216627	39.25	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	227709	28.01	ng		71
17) 2-Methylphenol	7.15	107	198929	35.49	ng	#	84
18) Hexachloroethane	7.41	117	88755	33.43	ng		94
19) n-Nitroso-di-n-propylamine	7.31	70	155745	33.86	ng	#	83
20) 3+4-Methylphenols	7.30	107	225458	34.08	ng	#	56
22) Acetophenone	7.30	105	292942	30.19	ng	#	97
24) Nitrobenzene	7.47	77	220420	29.95	ng		91
25) Isophorone	7.71	82	420328	30.30	ng		96
26) 2-Nitrophenol	7.79	139	123289	34.87	ng	#	83
27) 2,4-Dimethylphenol	7.84	122	230489	33.18	ng		96
28) bis(2-Chloroethoxy)methane	7.93	93	281574	35.57	ng	#	97
29) 2,4-Dichlorophenol	8.03	162	189316	33.20	ng		95
30) 1,2,4-Trichlorobenzene	8.12	180	202134	34.18	ng		97
31) Naphthalene	8.20	128	702915	34.09	ng		100
32) Benzoic acid	7.94	122	92574	21.38	ng		89
33) 4-Chloroaniline	8.25	127	80018	9.50	ng	#	84
34) Hexachlorobutadiene	8.33	225	106886	32.94	ng		97
35) Caprolactam	8.60	113	62118	33.92	ng	#	72
36) 4-Chloro-3-methylphenol	8.73	107	213654	32.03	ng		95
37) 2-Methylnaphthalene	8.89	142	447838	34.59	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	198138	36.82	ng	#	100
40) Hexachlorocyclopentadiene	9.05	237	160333	58.79	ng		99

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Acq On : 16 Dec 2015 16:09
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Misc :
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Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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12/17/2015 5:34:13 PM

Quant Time: Dec 17 03:57:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	133123	33.80	ng		96
43) 2,4,5-Trichlorophenol	9.21	196	142723	38.20	ng		96
45) 1,1'-Biphenyl	9.36	154	568851	35.18	ng		96
46) 2-Chloronaphthalene	9.38	162	437810	36.68	ng		96
47) 2-Nitroaniline	9.47	65	131995	39.00	ng	#	58
48) Acenaphthylene	9.79	152	673001	33.52	ng		99
49) Dimethylphthalate	9.65	163	497700	34.99	ng		99
50) 2,6-Dinitrotoluene	9.71	165	108128	35.82	ng	#	85
51) Acenaphthene	9.96	154	439905	36.24	ng		99
52) 3-Nitroaniline	9.87	138	48951	14.07	ng		94
53) 2,4-Dinitrophenol	9.98	184	84319	59.70	ng	#	88
54) Dibenzofuran	10.13	168	563330	35.03	ng	#	90
55) 4-Nitrophenol	10.04	139	156562	60.76	ng		87
56) 2,4-Dinitrotoluene	10.12	165	152193	38.60	ng	#	48
57) Fluorene	10.48	166	435367	34.37	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	112200	40.03	ng	#	100
59) Diethylphthalate	10.35	149	492263	34.19	ng		97
60) 4-Chlorophenyl-phenylether	10.46	204	199081	34.47	ng	#	80
61) 4-Nitroaniline	10.49	138	105101	34.26	ng		88
62) Azobenzene	10.62	77	475421	36.22	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	65887	33.00	ng		91
65) n-Nitrosodiphenylamine	10.59	169	447988	37.33	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	127696	32.55	ng	#	82
67) Hexachlorobenzene	11.02	284	144027	33.93	ng	#	87
68) Atrazine	11.12	200	141077	41.32	ng		99
69) Pentachlorophenol	11.22	266	136558	57.03	ng		99
70) Phenanthrene	11.44	178	642446	34.47	ng		99
71) Anthracene	11.49	178	706009	36.47	ng		99
72) Carbazole	11.64	167	681312	37.77	ng		97
73) Di-n-butylphthalate	11.97	149	755767	34.50	ng		100
74) Fluoranthene	12.62	202	739518	38.40	ng		97
76) Benzidine	12.74	184	268969	34.05	ng		97
77) Pyrene	12.85	202	757425	36.97	ng		99
79) Butylbenzylphthalate	13.47	149	346813	39.44	ng		88
80) Benzo(a)anthracene	14.03	228	539172	36.58	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	102681	19.31	ng		97
82) Chrysene	14.08	228	550372	38.28	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	397318	39.70	ng	#	98
84) Di-n-octyl phthalate	14.64	149	641176	40.32	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	441343	31.26	ng	#	100
87) Benzo(b)fluoranthene	15.07	252	479284m	37.83	ng		
88) Benzo(k)fluoranthene	15.09	252	414167m	36.08	ng		
89) Benzo(a)pyrene	15.43	252	420985	37.24	ng	#	97
90) Dibenzo(a,h)anthracene	16.92	278	364824	32.45	ng		97
91) Benzo(g,h,i)perylene	17.33	276	374114	32.38	ng		98

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

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Acq On : 16 Dec 2015 16:09
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Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
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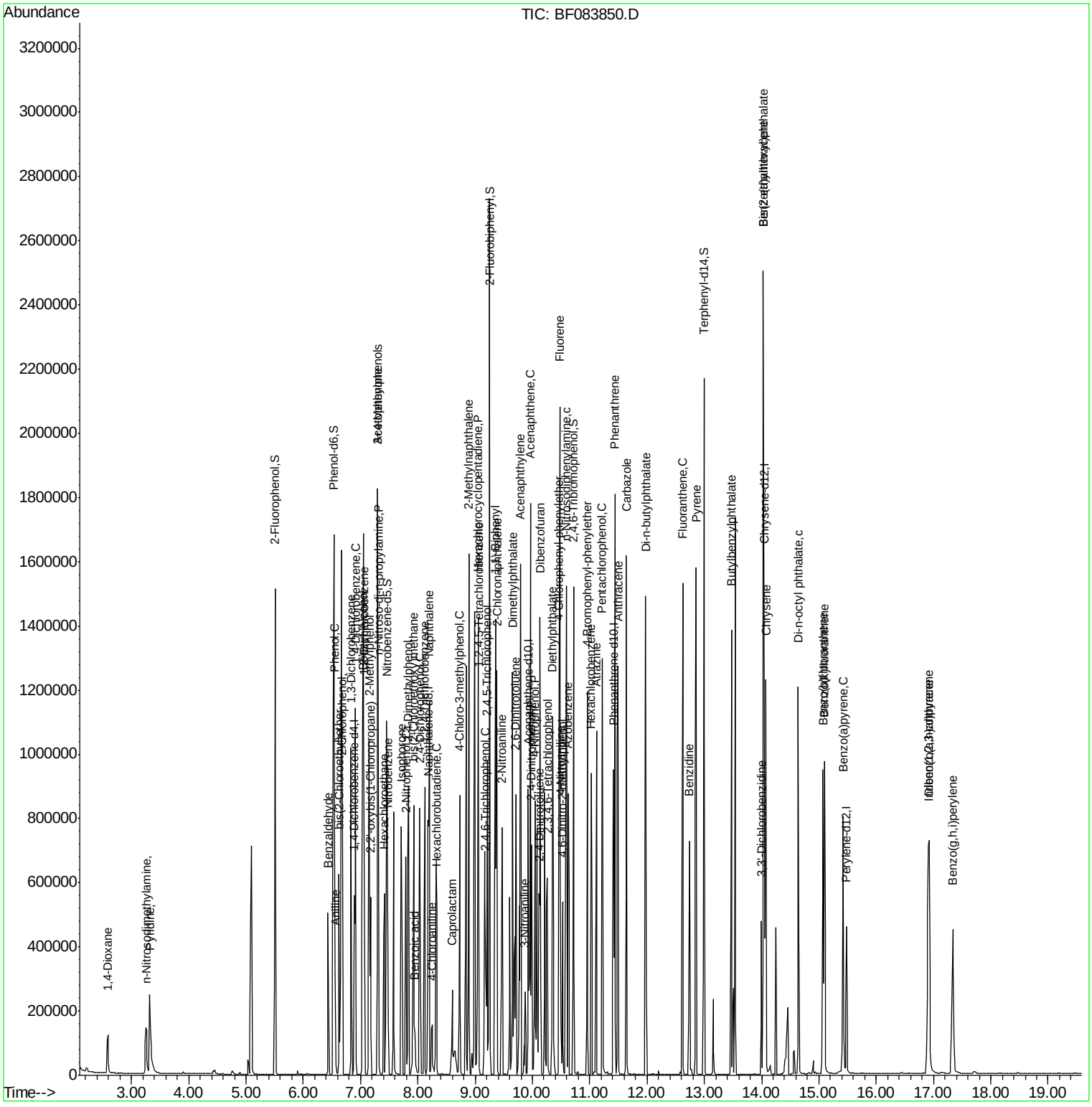
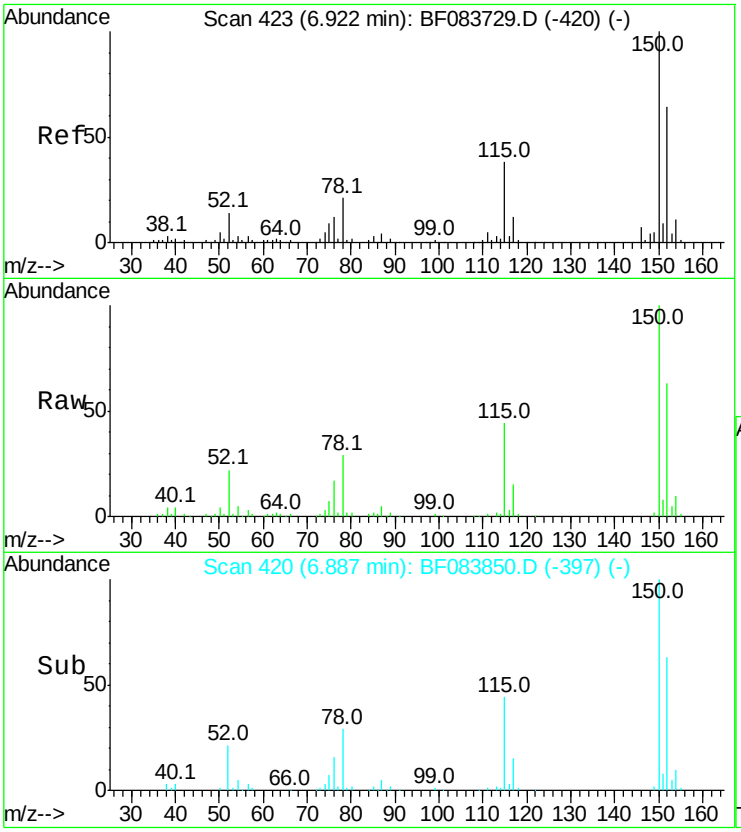
12/17/2015 5:34:13 PM

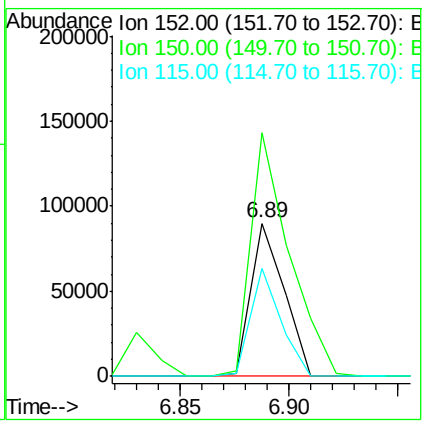




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:152 Resp: 95696

Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.5	189.7
115	70.6	52.3	78.5



Instrument :
BNA_F
ClientSampleId :
PB87334BS

Manual Integrations APPROVED
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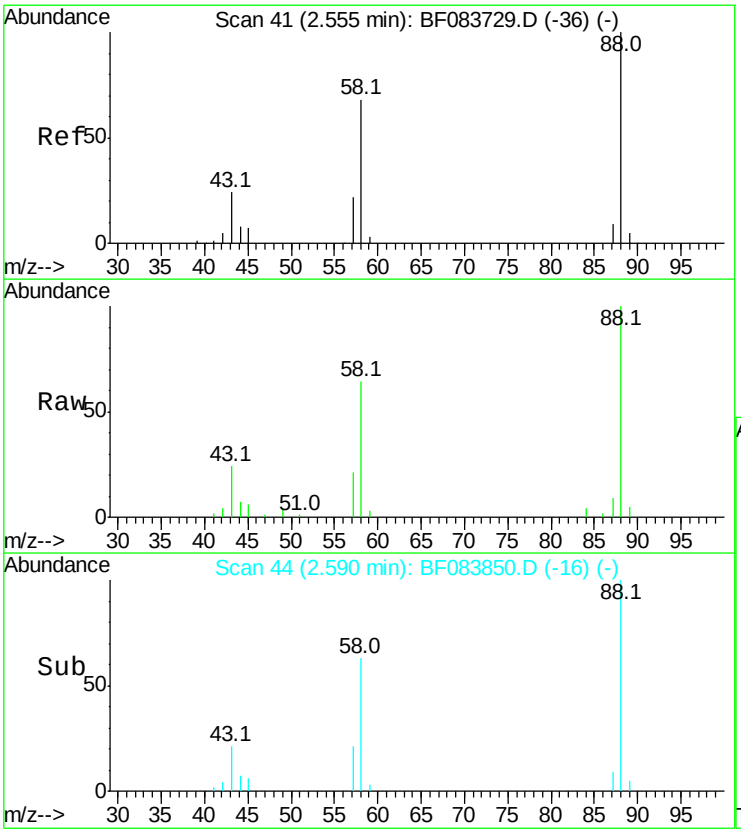
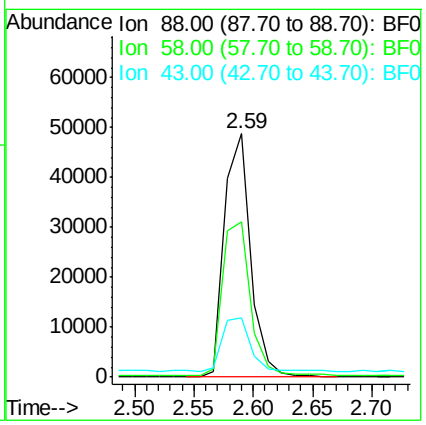
12/17/2015 5:34:13 PM

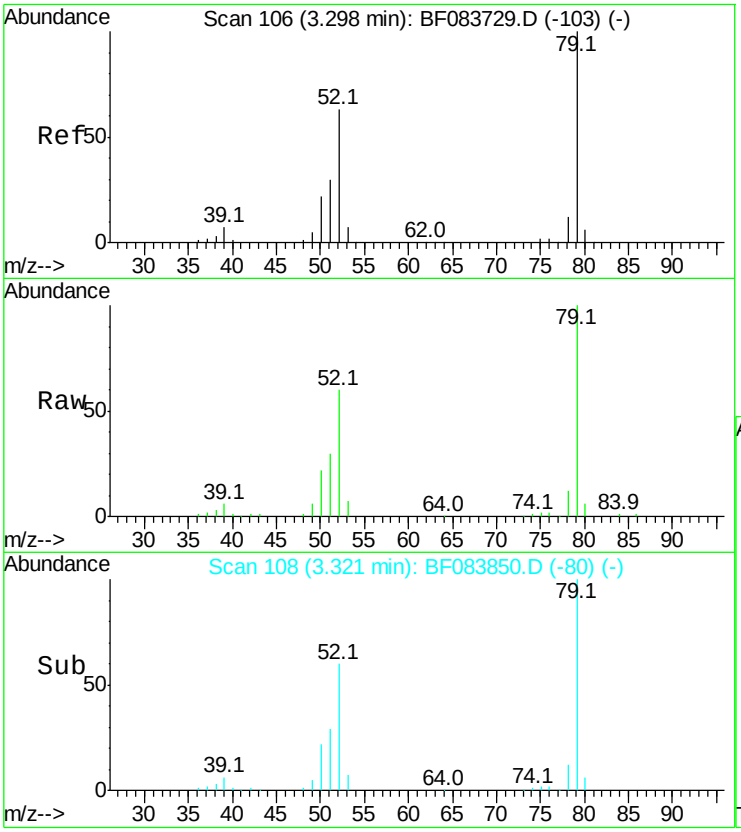


#2
1,4-Dioxane
Concen: 26.09 ng
RT: 2.59 min Scan# 44
Delta R.T. 0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion: 88 Resp: 74850

Ion	Ratio	Lower	Upper
88	100		
58	66.2	68.0	102.0#
43	24.7	27.9	41.9#

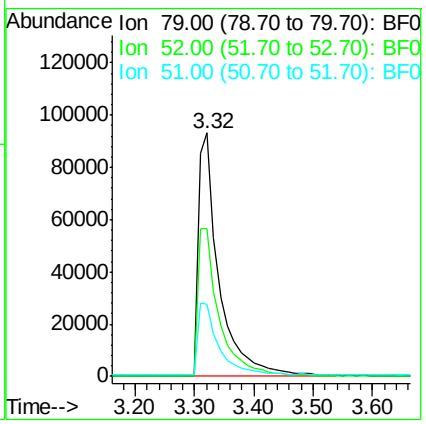




#3
Pyridine
Concen: 31.78 ng
RT: 3.32 min Scan# 108
Delta R.T. 0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion: 79 Resp: 229370

Ion	Ratio	Lower	Upper
79	100		
52	60.5	63.7	95.5#
51	29.7	30.6	45.8#



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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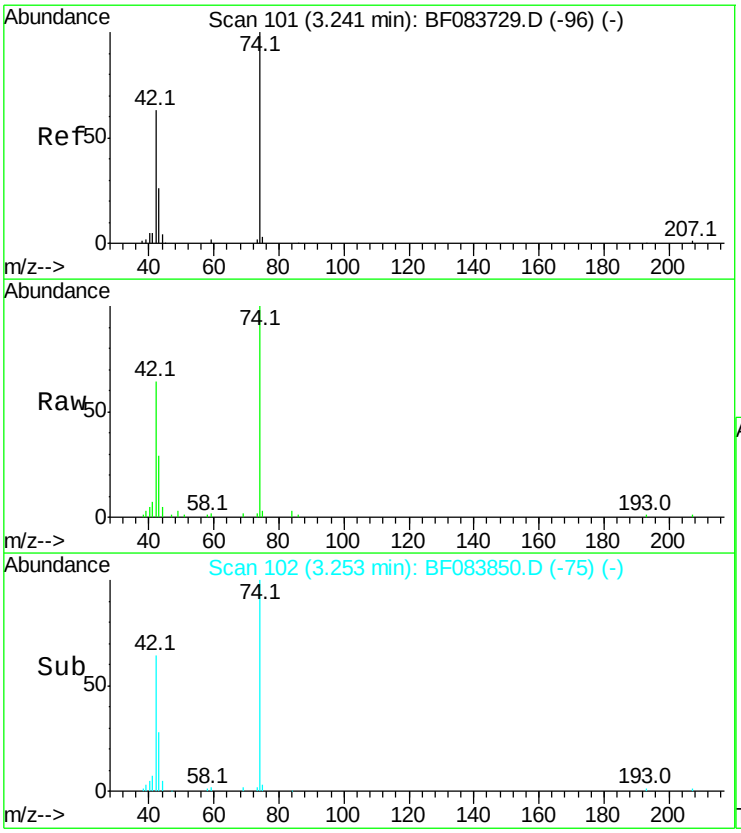
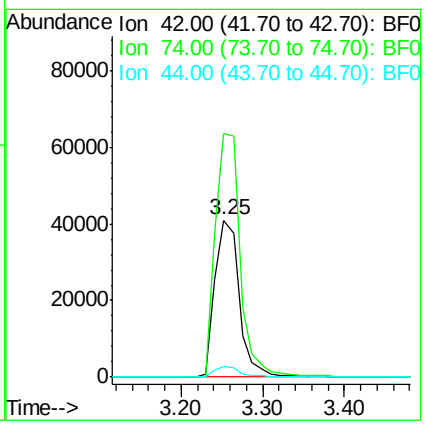
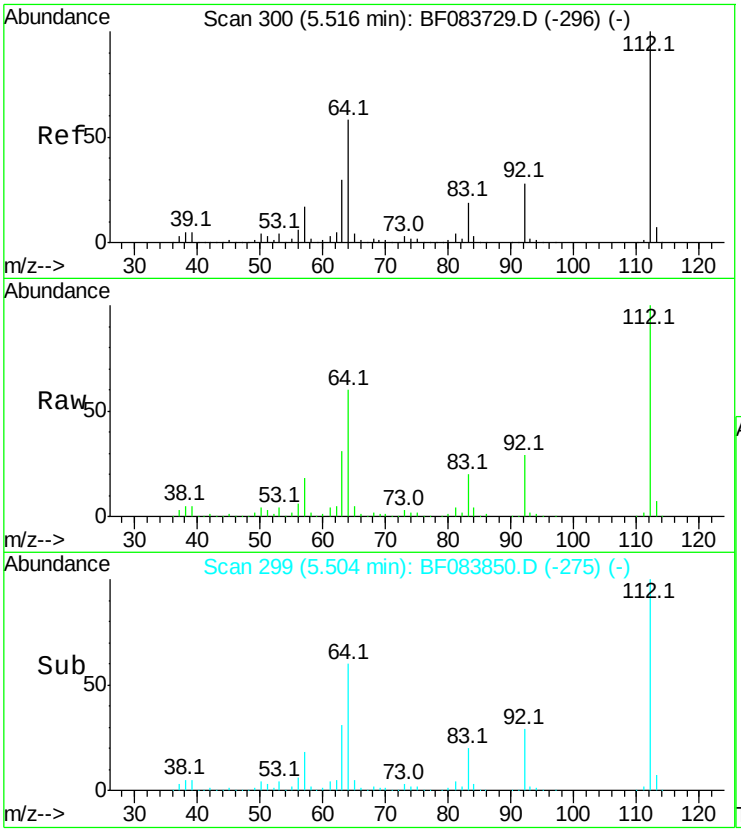


#4
n-Nitrosodimethylamine
Concen: 31.11 ng
RT: 3.25 min Scan# 102
Delta R.T. 0.01 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion: 42 Resp: 84930

Ion	Ratio	Lower	Upper
42	100		
74	155.3	92.9	139.3#
44	7.2	5.7	8.5

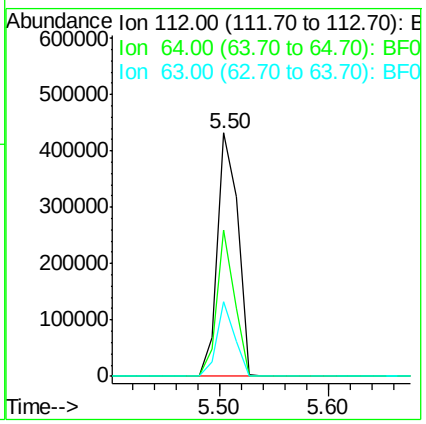




#5
2-Fluorophenol
Concen: 95.42 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:112 Resp: 566018

Ion	Ratio	Lower	Upper
112	100		
64	60.0	50.5	75.7
63	30.9	25.8	38.6



Instrument :
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ClientSampleId :
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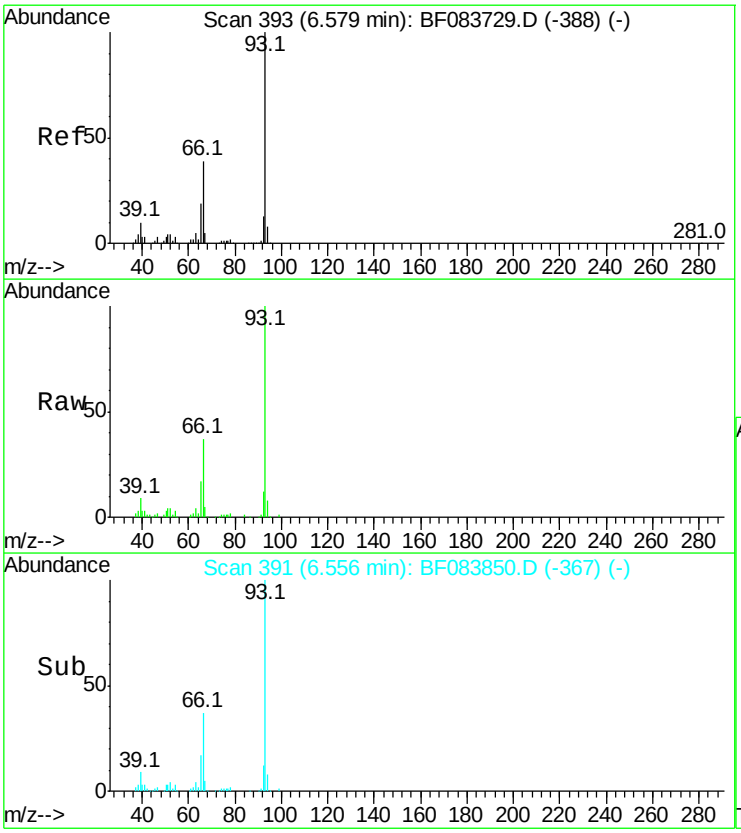
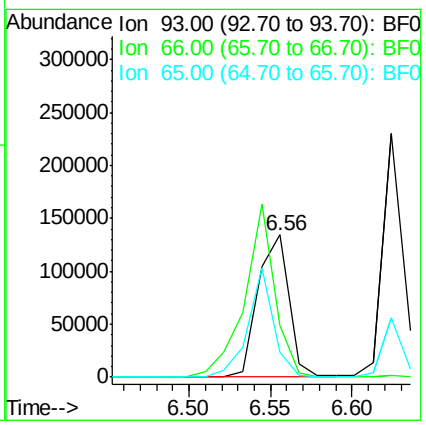
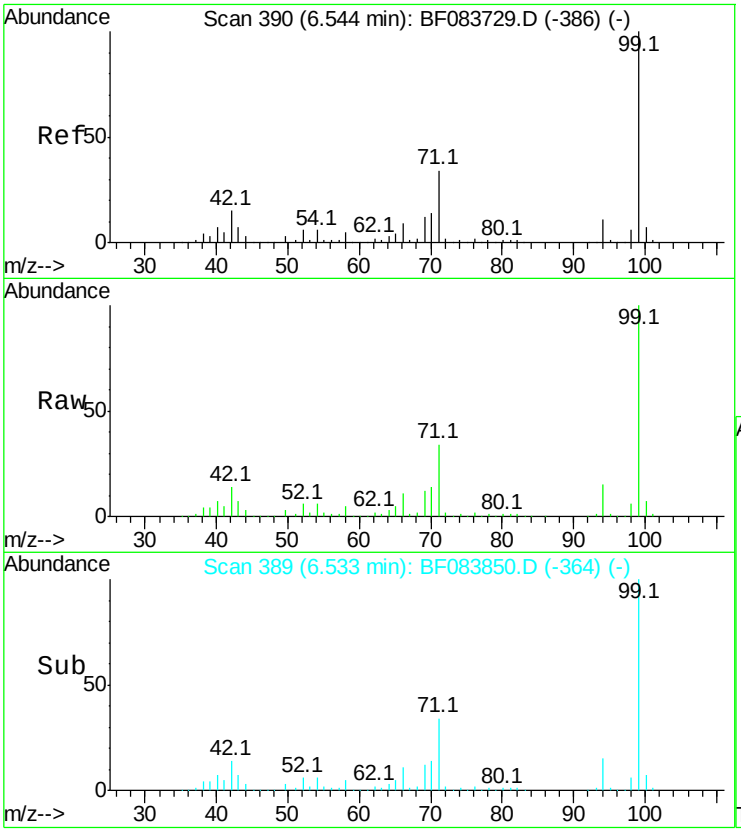


#6
Aniline
Concen: 17.43 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion: 93 Resp: 177812

Ion	Ratio	Lower	Upper
93	100		
66	36.5	41.3	61.9#
65	17.3	20.8	31.2#

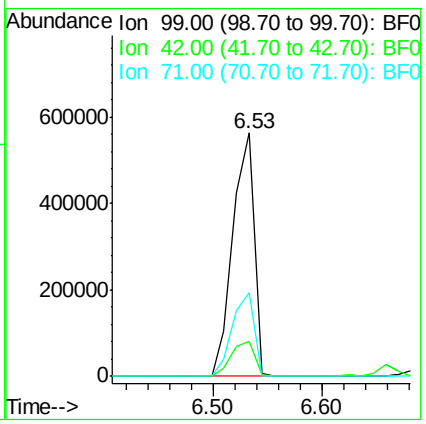




#7
Phenol-d6
Concen: 100.63 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion: 99 Resp: 755936

Ion	Ratio	Lower	Upper
99	100		
42	14.2	17.3	25.9#
71	34.4	26.6	40.0



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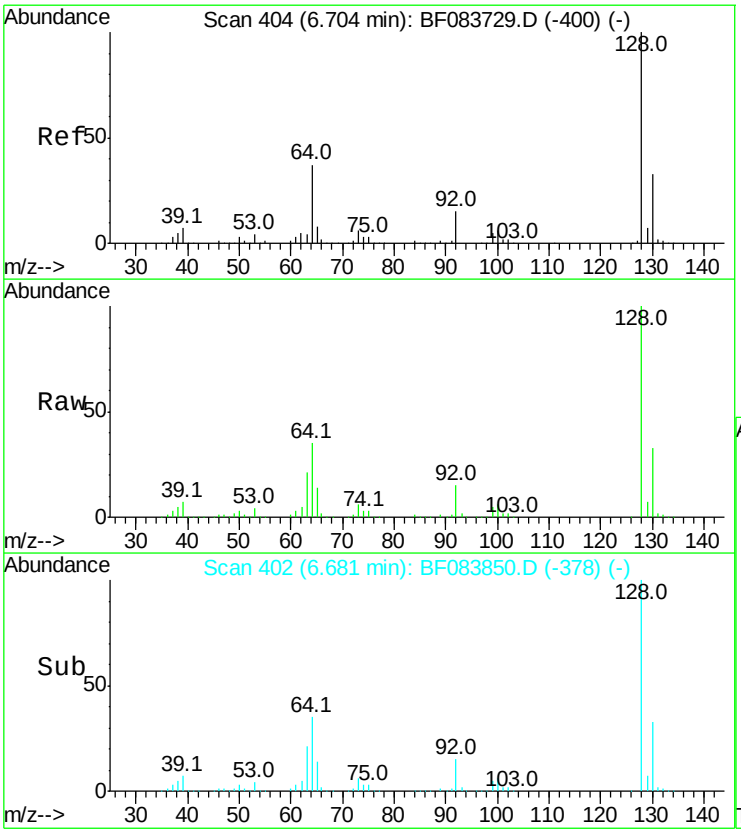
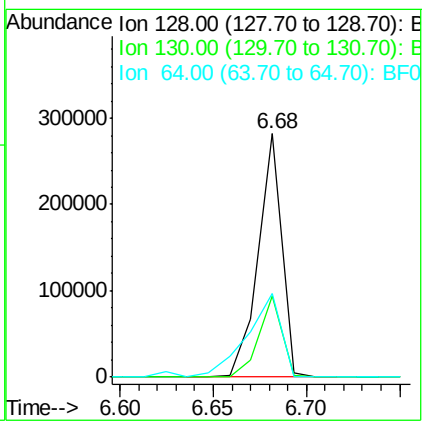
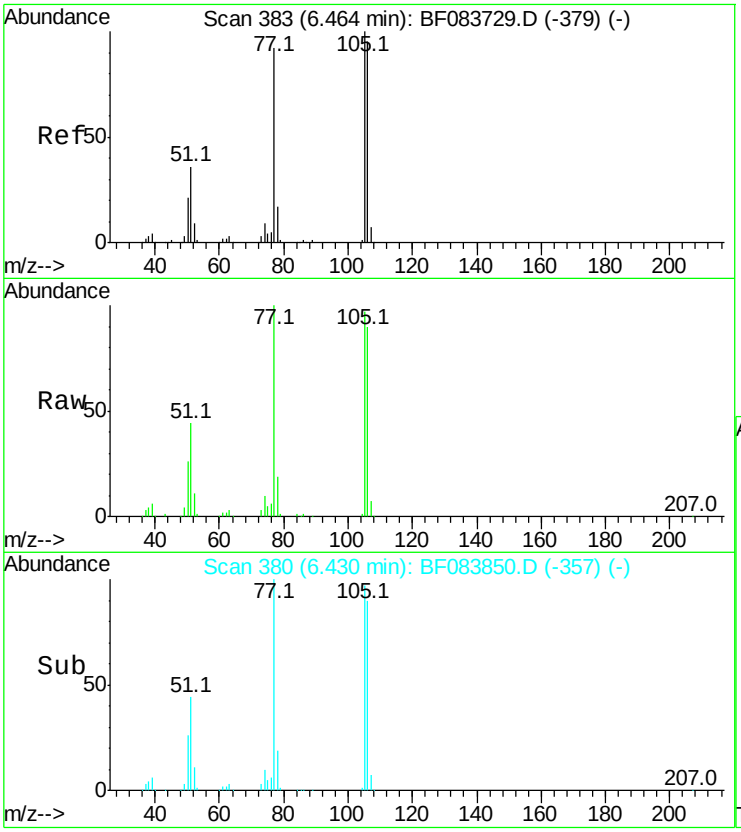


#8
2-Chlorophenol
Concen: 35.03 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:128 Resp: 244205

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.6	52.6
64	34.6	38.6	78.6#

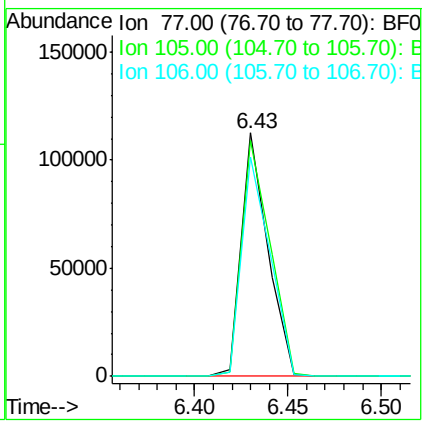




#9
Benzaldehyde
Concen: 27.60 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion: 77 Resp: 111339

Ion	Ratio	Lower	Upper
77	100		
105	96.8	71.8	111.8
106	90.0	66.8	106.8



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MMdadoda
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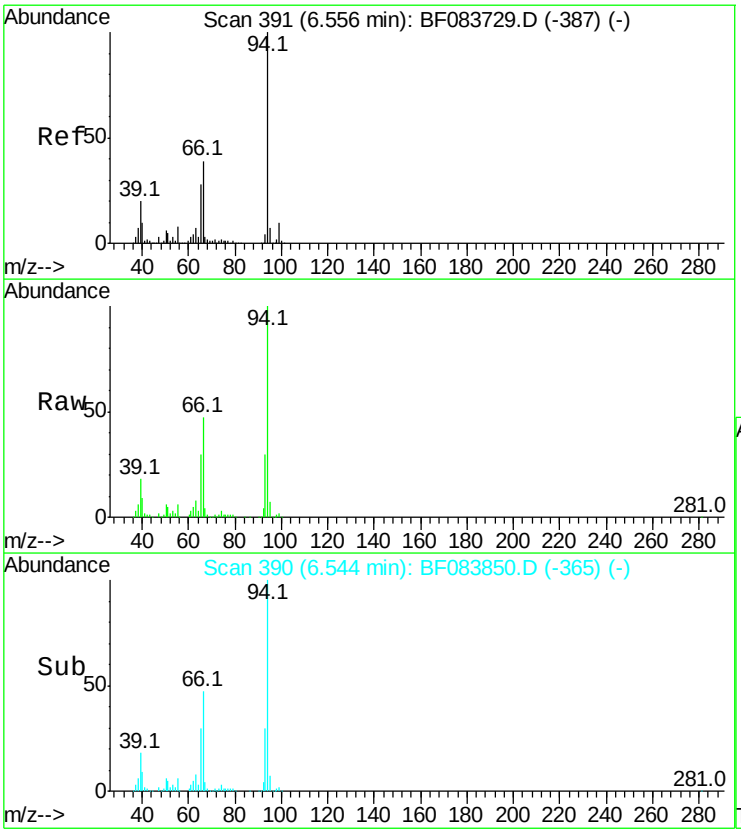
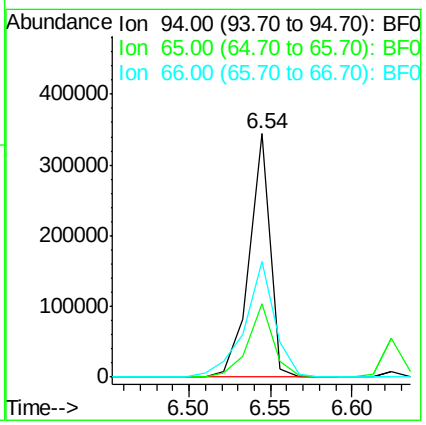
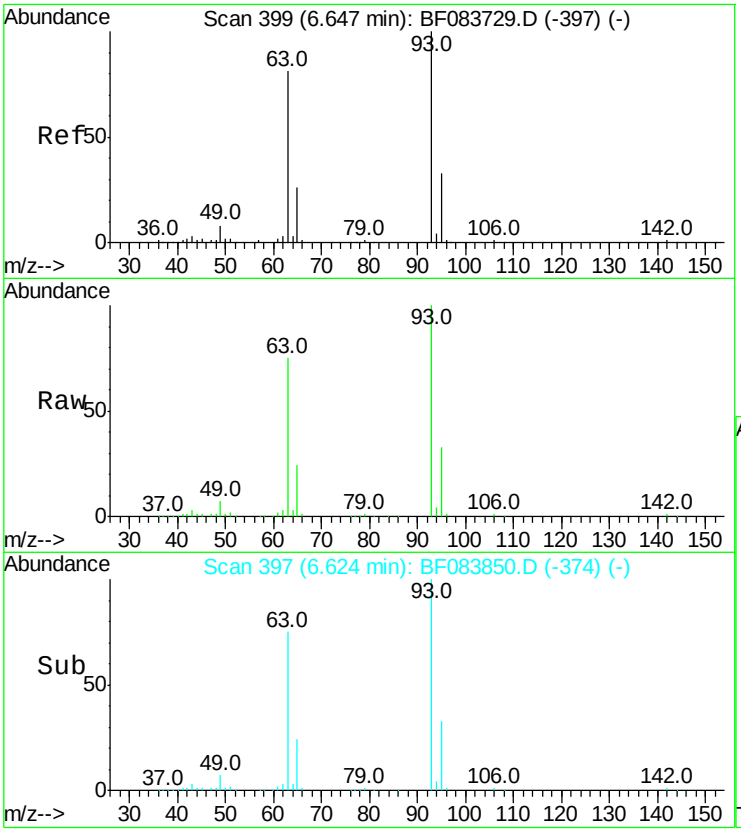


#10
Phenol
Concen: 35.52 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion: 94 Resp: 307088

Ion	Ratio	Lower	Upper
94	100		
65	30.0	20.9	60.9
66	47.4	41.6	81.6

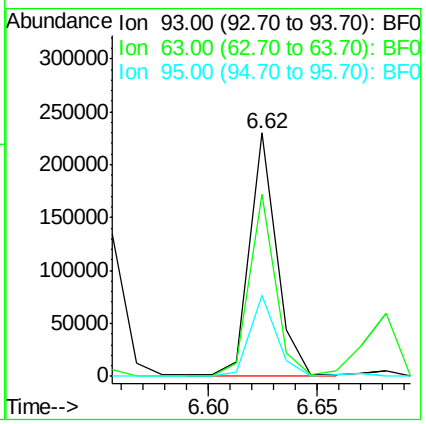




#11
bis(2-Chloroethyl)ether
Concen: 31.95 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion: 93 Resp: 200075

Ion	Ratio	Lower	Upper
93	100		
63	74.8	64.7	104.7
95	33.1	12.7	52.7



Instrument :
BNA_F
ClientSampleId :
PB87334BS

Manual Integrations APPROVED
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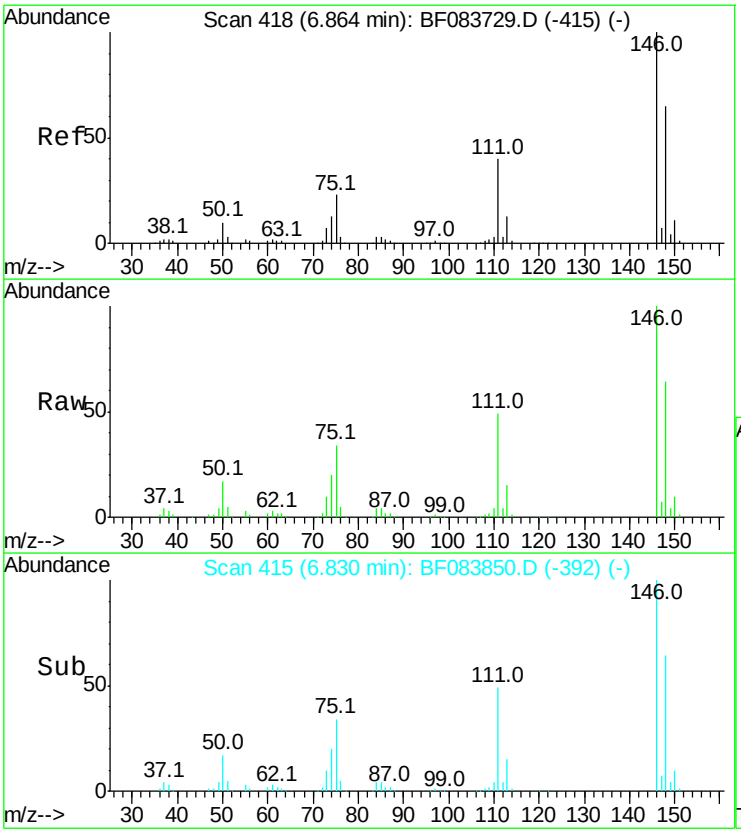
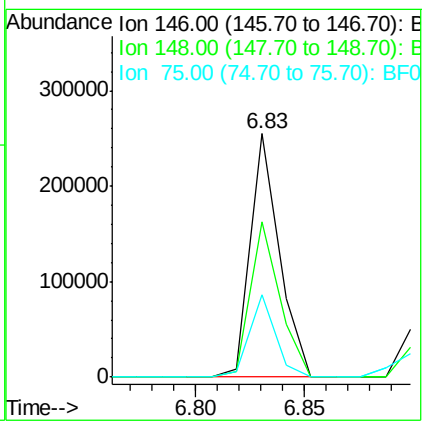
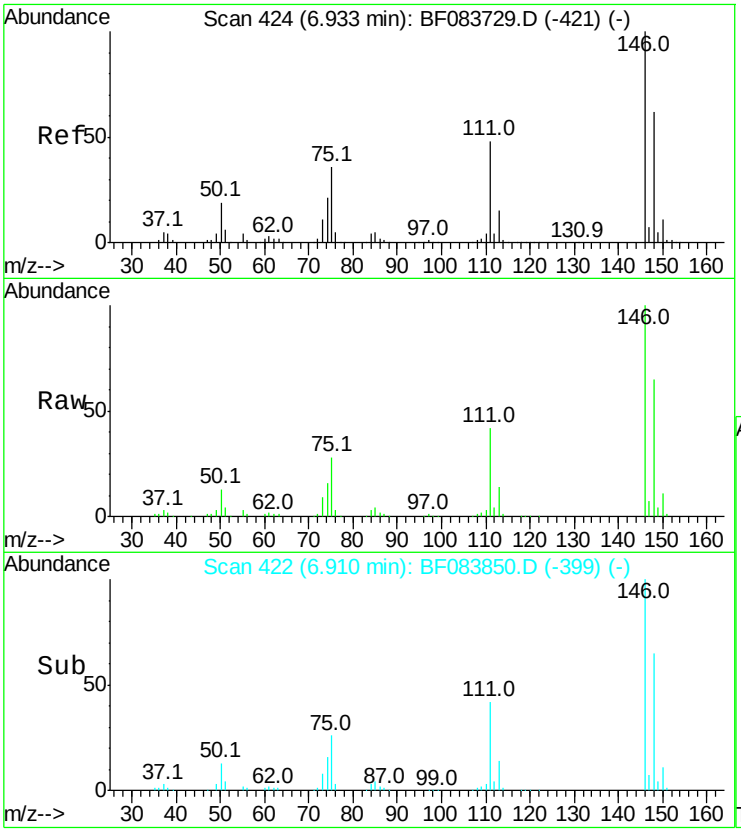


#12
1,3-Dichlorobenzene
Concen: 32.05 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:146 Resp: 237076

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.3	76.9
75	34.0	24.1	36.1

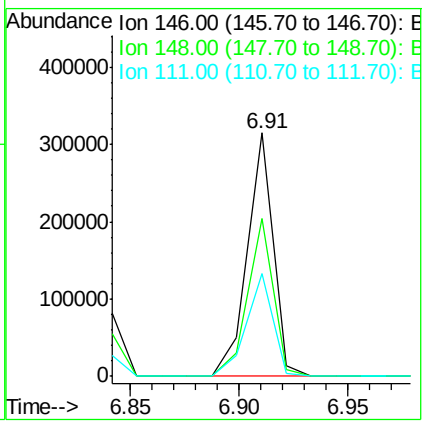




#13
1,4-Dichlorobenzene
Concen: 34.75 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:146 Resp: 259743

Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	76.0
111	42.2	36.1	54.1



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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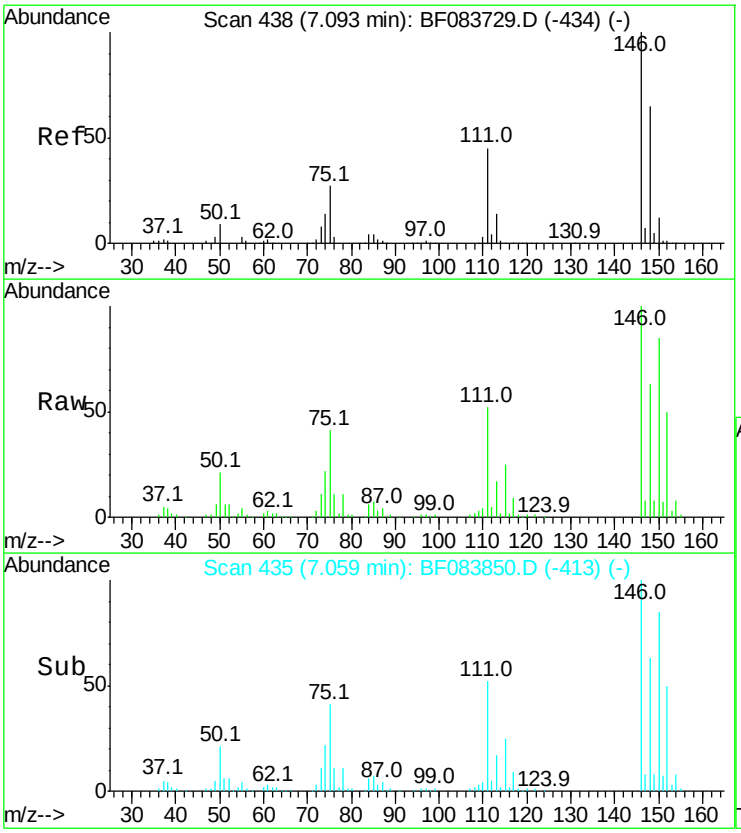
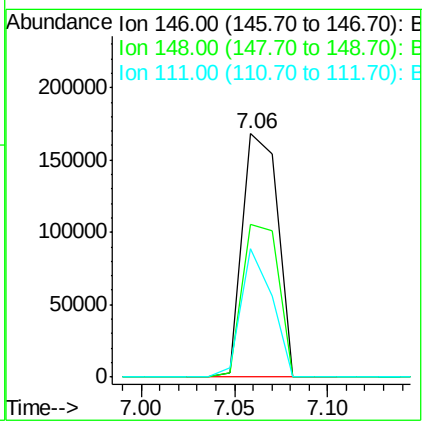
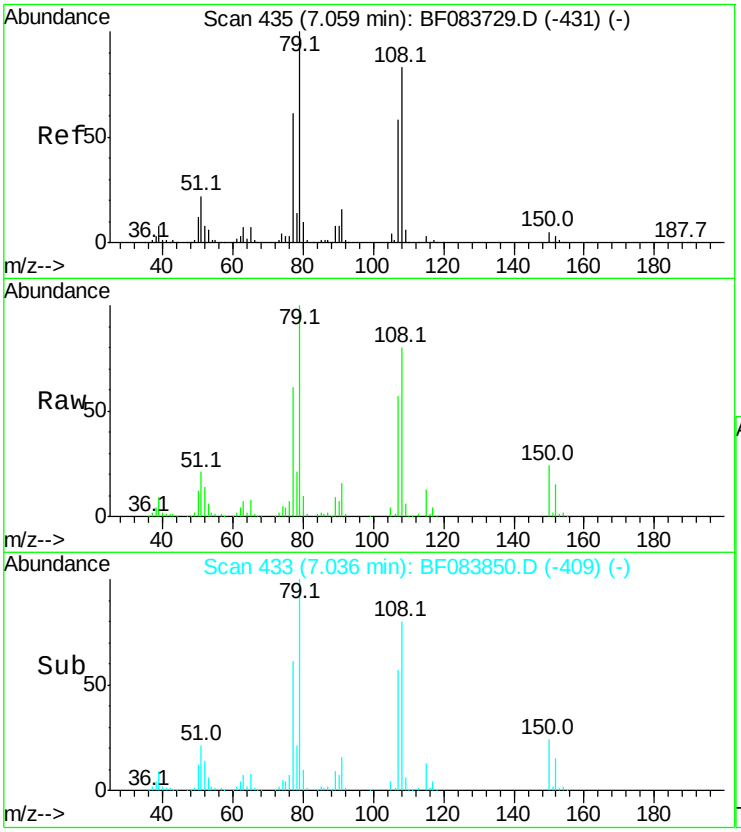


#14
1,2-Dichlorobenzene
Concen: 33.31 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:146 Resp: 223732

Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.4	77.0
111	52.5	36.7	55.1

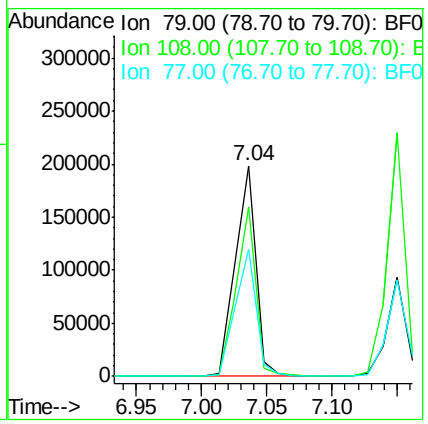




#15
Benzyl Alcohol
Concen: 39.25 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion: 79 Resp: 216627

Ion	Ratio	Lower	Upper
79	100		
108	80.2	59.6	89.4
77	60.6	49.8	74.6



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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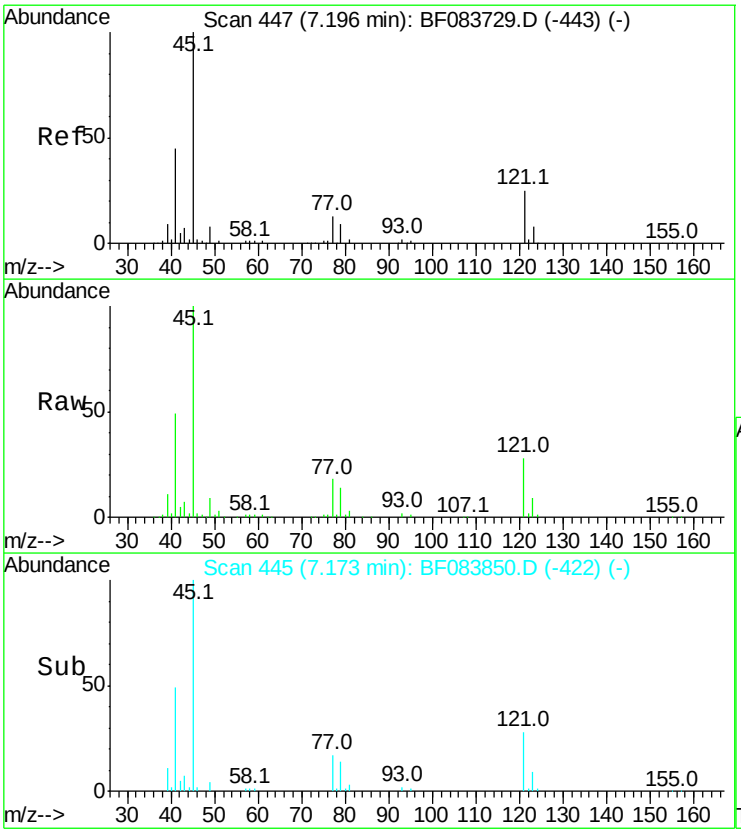
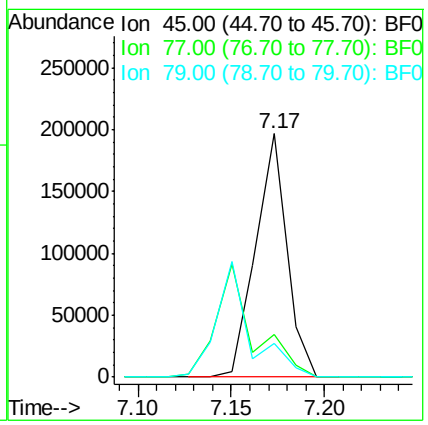
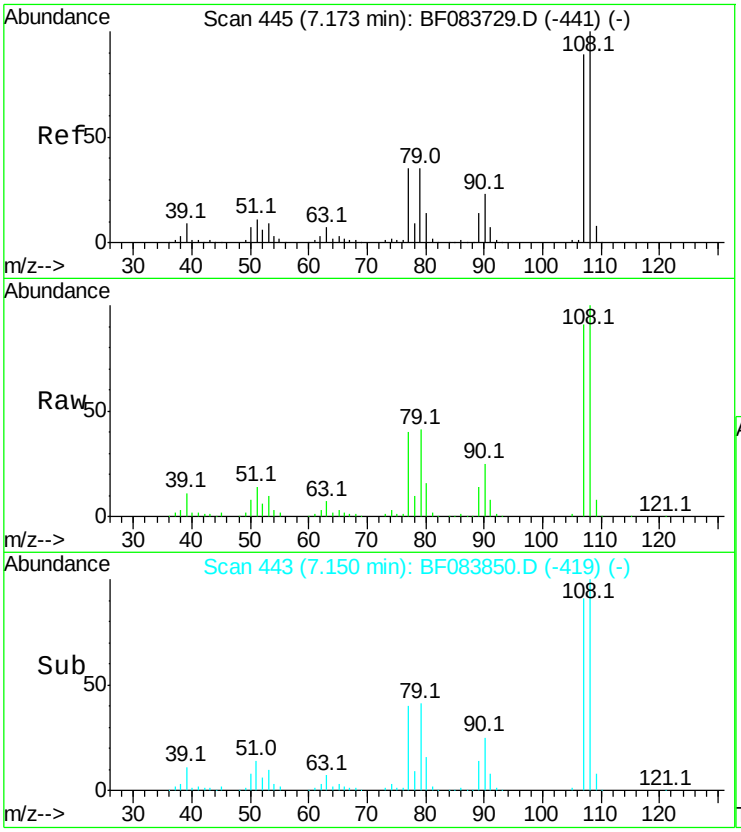


#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.01 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion: 45 Resp: 227709

Ion	Ratio	Lower	Upper
45	100		
77	17.6	12.8	52.8
79	14.0	10.7	50.7

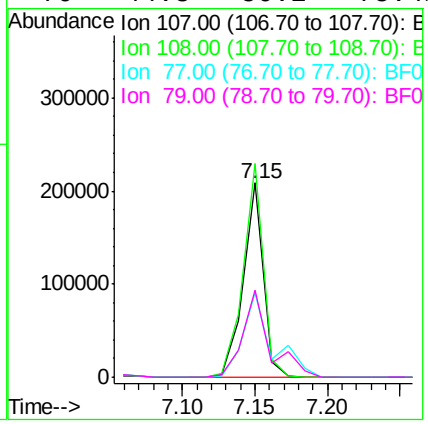




#17
2-Methylphenol
Concen: 35.49 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:107 Resp: 198929

Ion	Ratio	Lower	Upper
107	100		
108	110.1	91.6	137.4
77	43.7	53.7	80.5#
79	44.8	50.2	75.4#



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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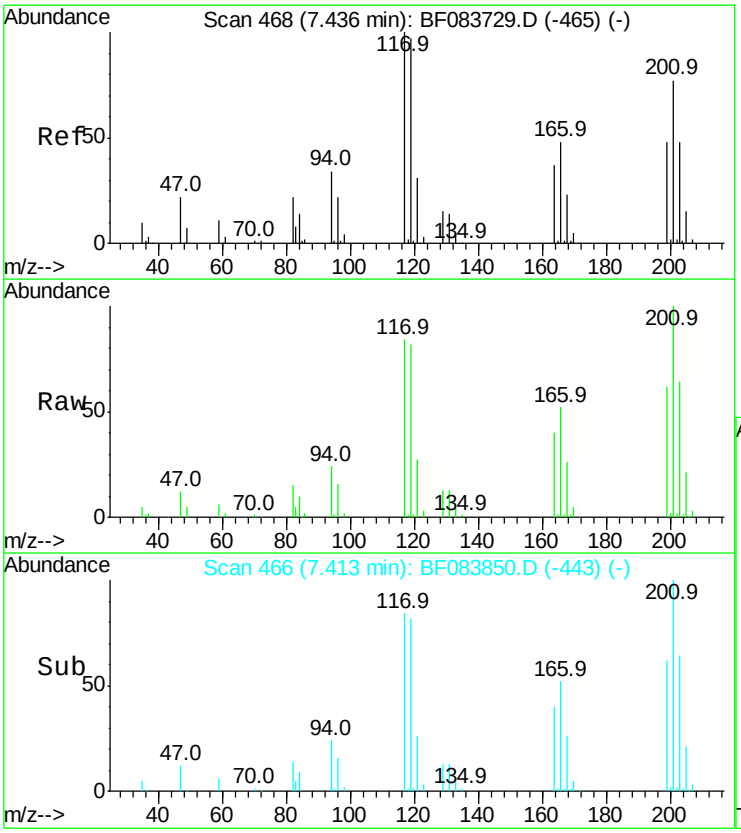
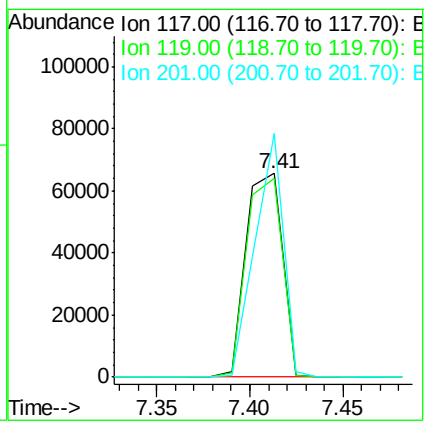
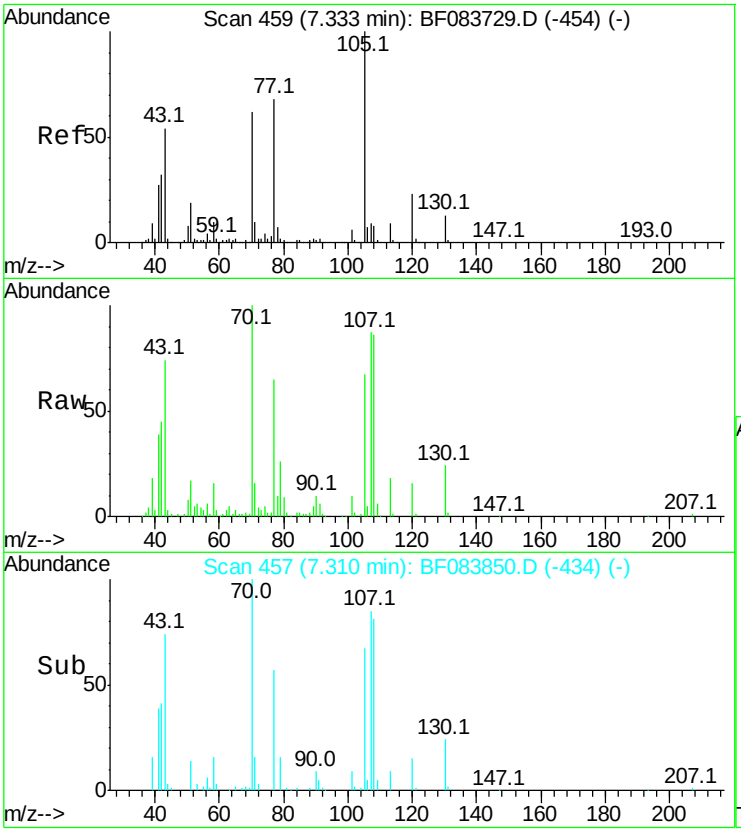


#18
Hexachloroethane
Concen: 33.43 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:117 Resp: 88755

Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.2	115.8
201	119.7	86.8	130.2

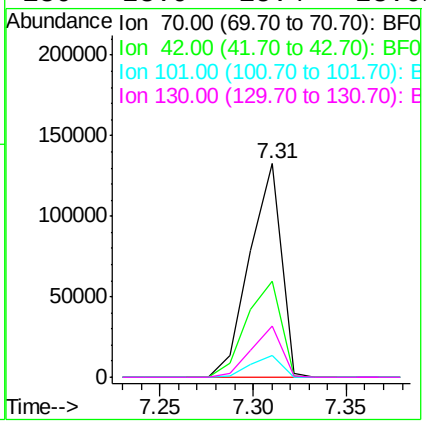




#19
n-Nitroso-di-n-propylamine
Concen: 33.86 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion: 70 Resp: 155745

Ion	Ratio	Lower	Upper
70	100		
42	45.2	49.2	73.8#
101	10.1	7.1	10.7
130	23.9	15.4	23.0#



Instrument :
BNA_F
ClientSampleId :
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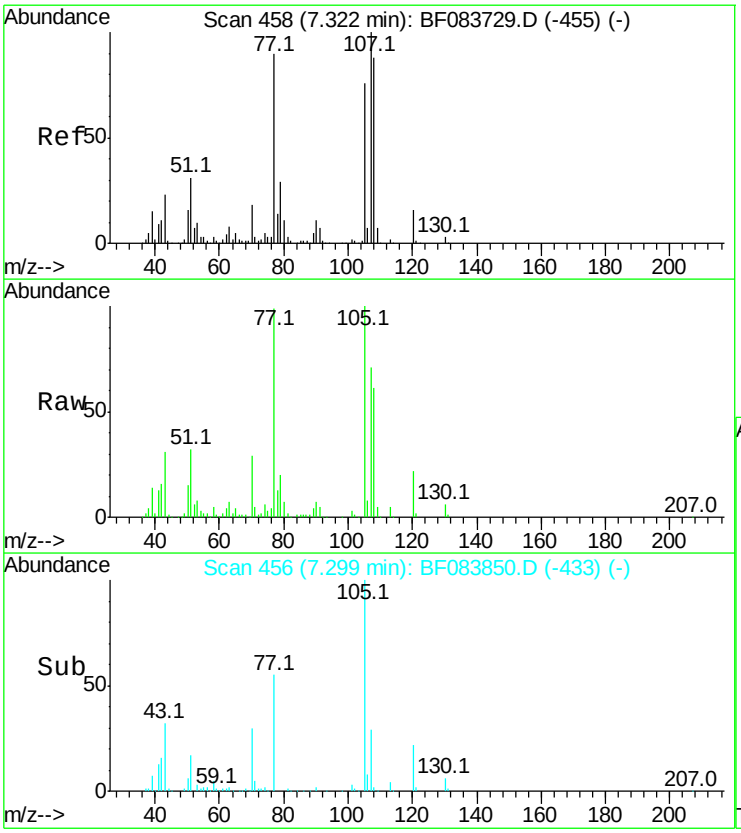
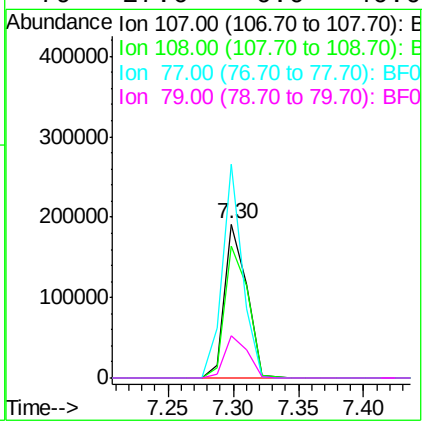
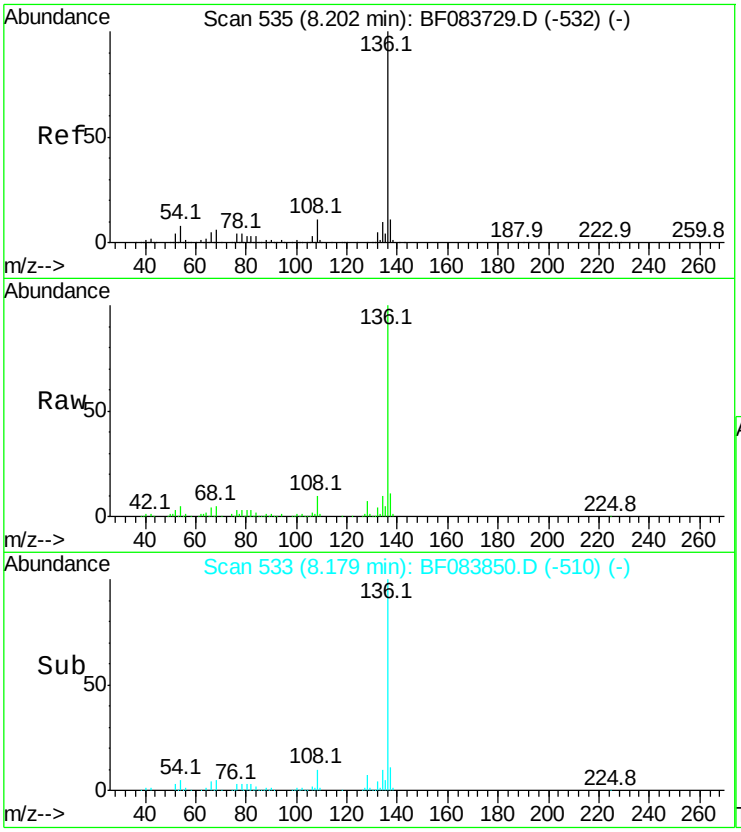


#20
3+4-Methylphenols
Concen: 34.08 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:107 Resp: 225458

Ion	Ratio	Lower	Upper
107	100		
108	85.6	65.2	105.2
77	138.8	15.2	55.2#
79	27.6	6.0	46.0

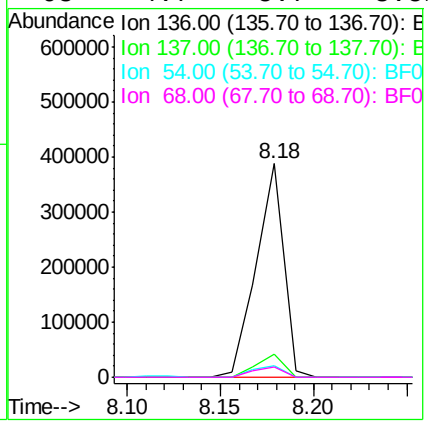




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:136 Resp: 395587

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	5.3	7.8	11.6#
68	4.7	5.7	8.5#



Instrument :
BNA_F
ClientSampleId :
PB87334BS

Manual Integrations APPROVED
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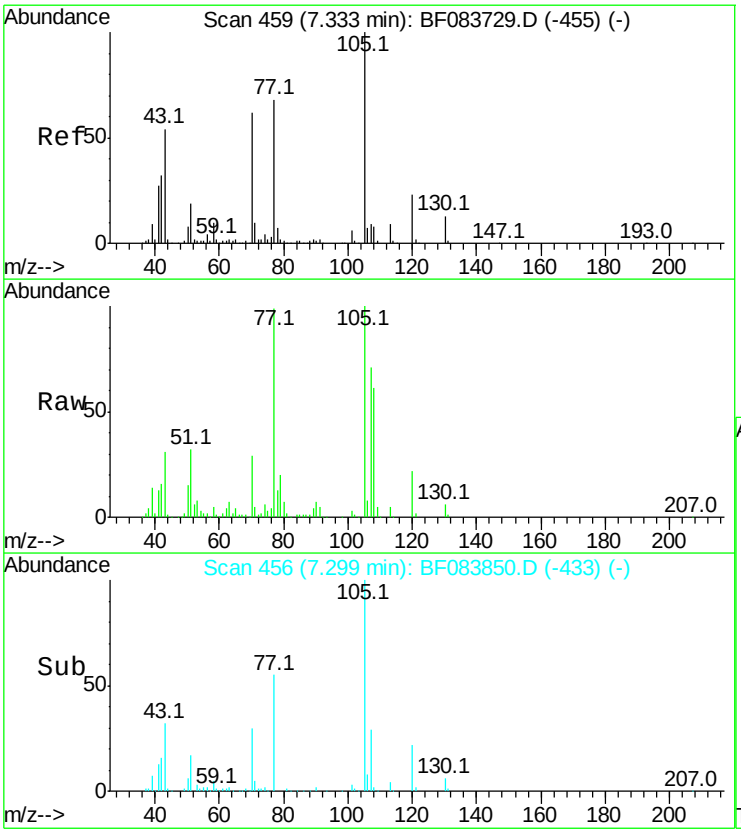
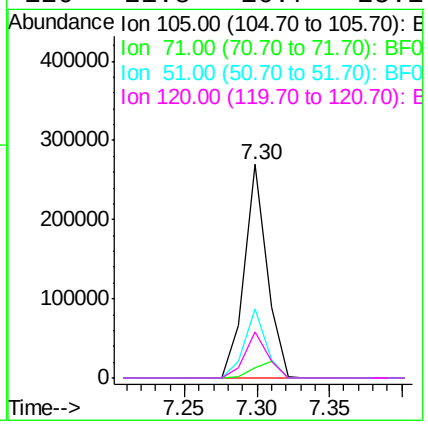
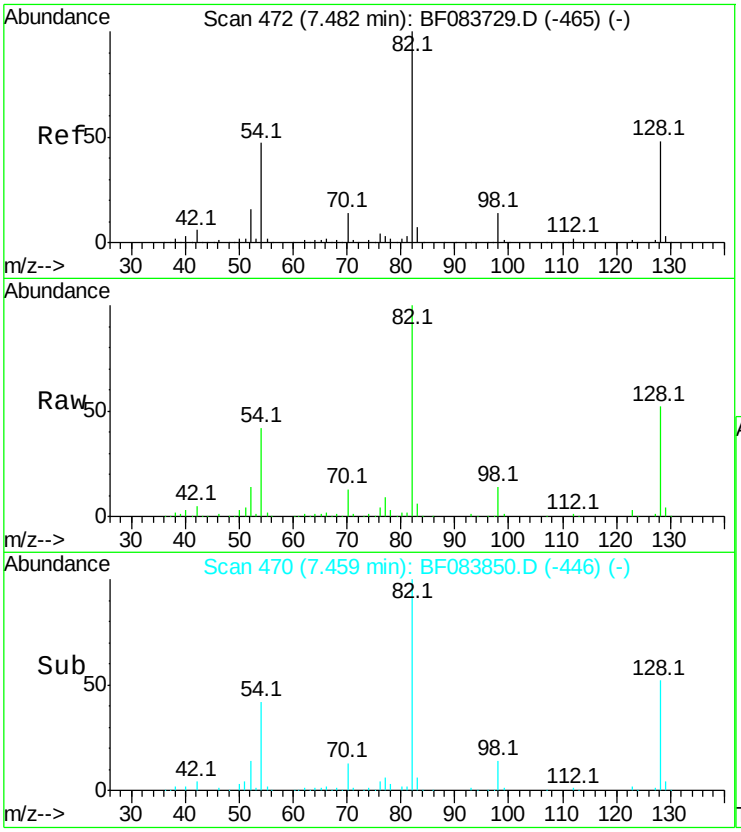


#22
Acetophenone
Concen: 30.19 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:105 Resp: 292942

Ion	Ratio	Lower	Upper
105	100		
71	4.9	1.3	1.9#
51	32.1	23.8	35.8
120	21.8	16.7	25.1

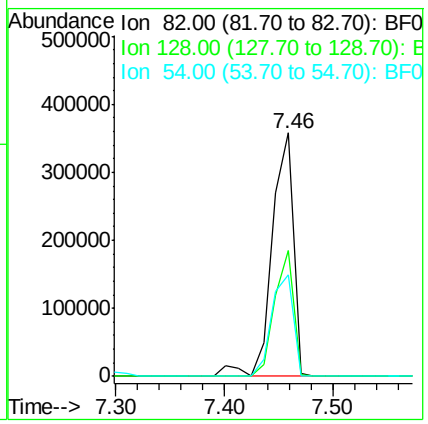




#23
Nitrobenzene-d5
Concen: 68.77 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion: 82 Resp: 486266

Ion	Ratio	Lower	Upper
82	100		
128	51.9	30.7	46.1#
54	41.7	42.5	63.7#



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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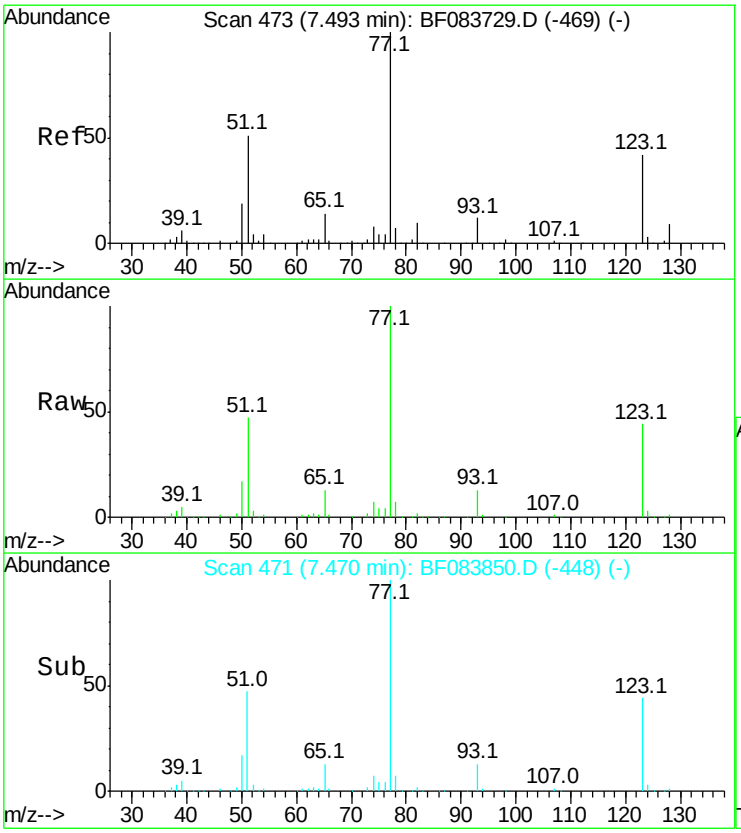
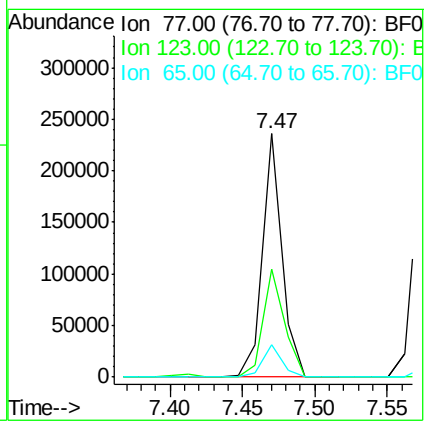
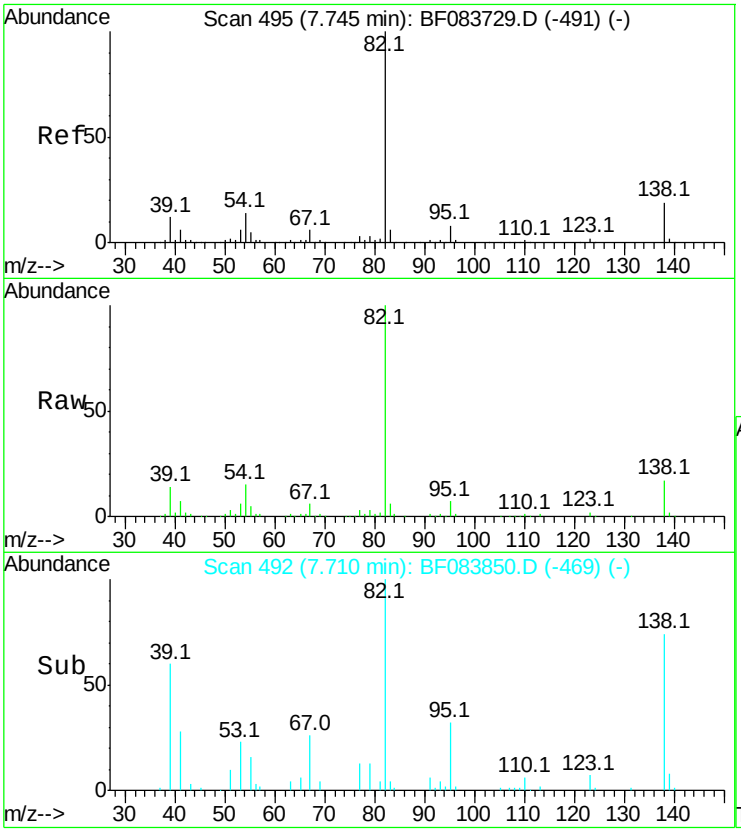


#24
Nitrobenzene
Concen: 29.95 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion: 77 Resp: 220420

Ion	Ratio	Lower	Upper
77	100		
123	44.3	29.8	44.6
65	13.5	11.1	16.7

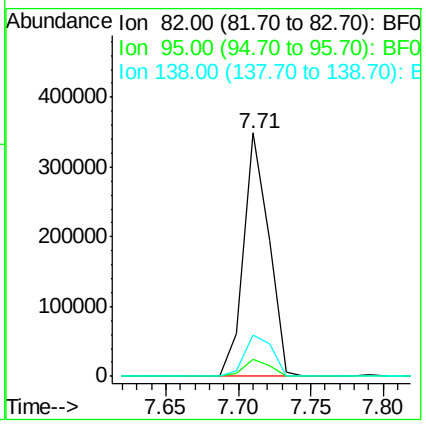




#25
Isophorone
Concen: 30.30 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion: 82 Resp: 420328

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.0	7.4
138	16.8	12.1	18.1



Instrument :
BNA_F
ClientSampleId :
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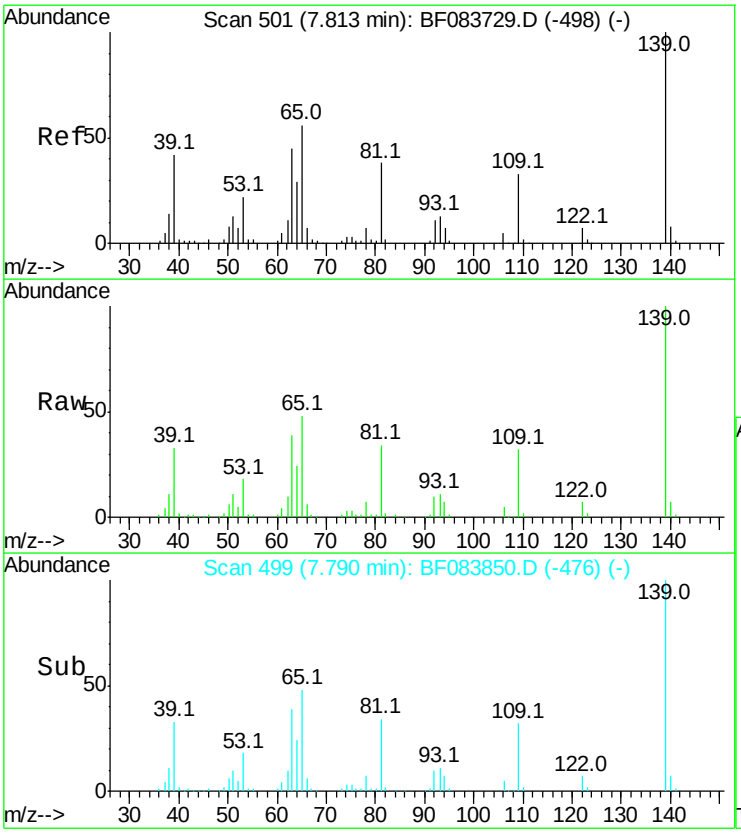
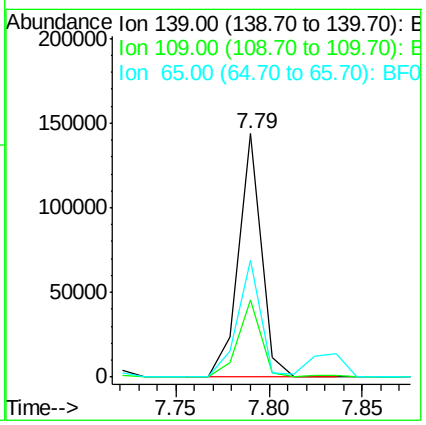
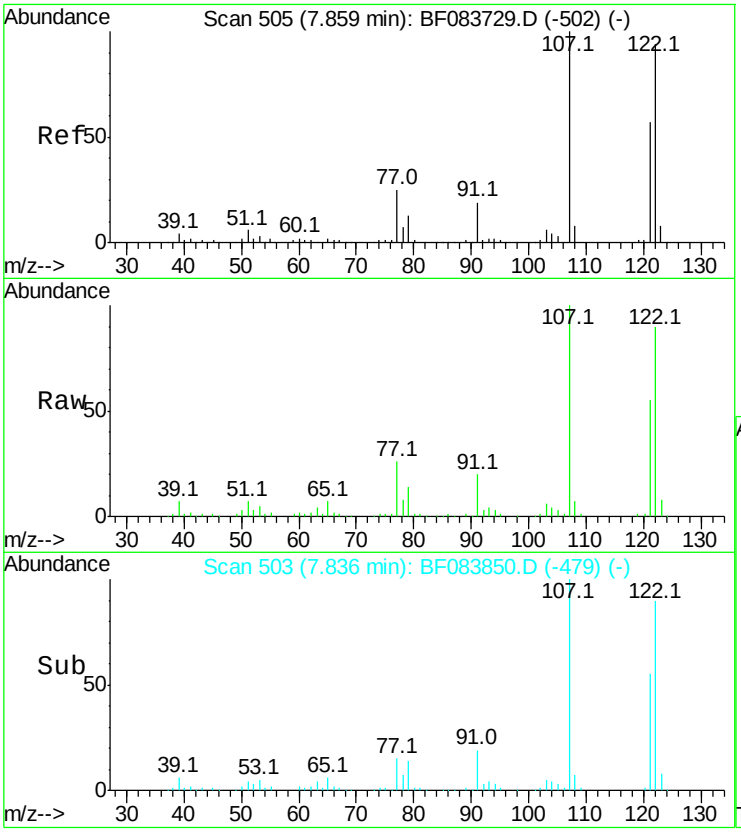


#26
2-Nitrophenol
Concen: 34.87 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:139 Resp: 123289

Ion	Ratio	Lower	Upper
139	100		
109	31.9	22.7	34.1
65	48.1	51.8	77.8#

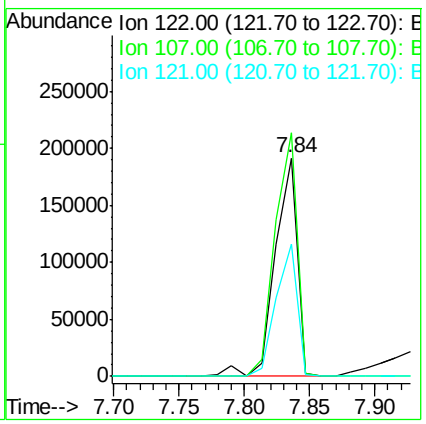




#27
2,4-Dimethylphenol
Concen: 33.18 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:122 Resp: 230489

Ion	Ratio	Lower	Upper
122	100		
107	111.6	92.4	138.6
121	60.9	45.8	68.6



Instrument :
BNA_F
ClientSampleId :
PB87334BS

Manual Integrations APPROVED
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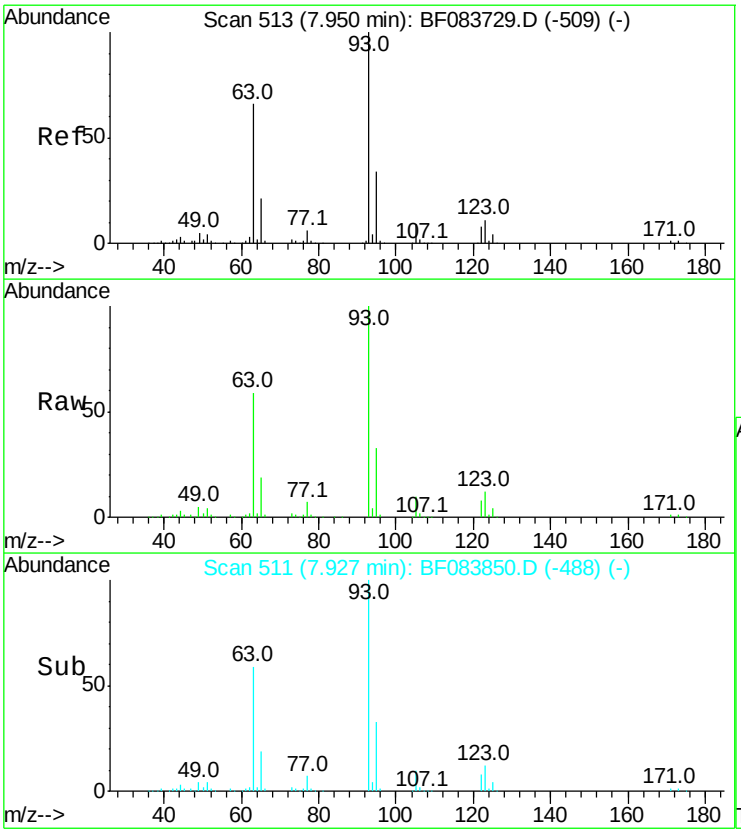
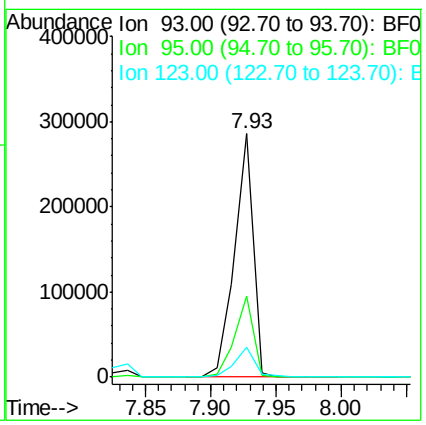
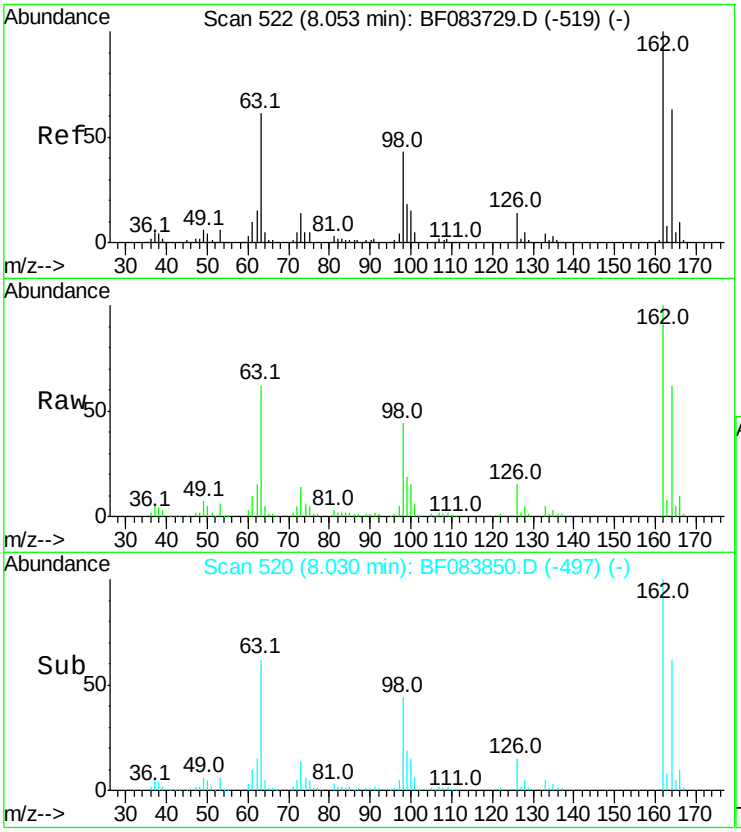


#28
bis(2-Chloroethoxy)methane
Concen: 35.57 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion: 93 Resp: 281574

Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.6	38.4
123	12.2	7.3	10.9#

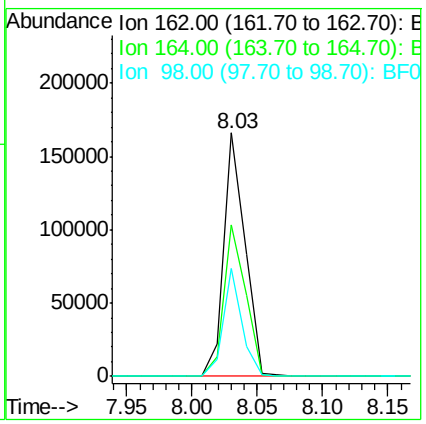




#29
2,4-Dichlorophenol
Concen: 33.20 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:162 Resp: 189316

Ion	Ratio	Lower	Upper
162	100		
164	62.4	43.4	83.4
98	44.4	17.5	57.5



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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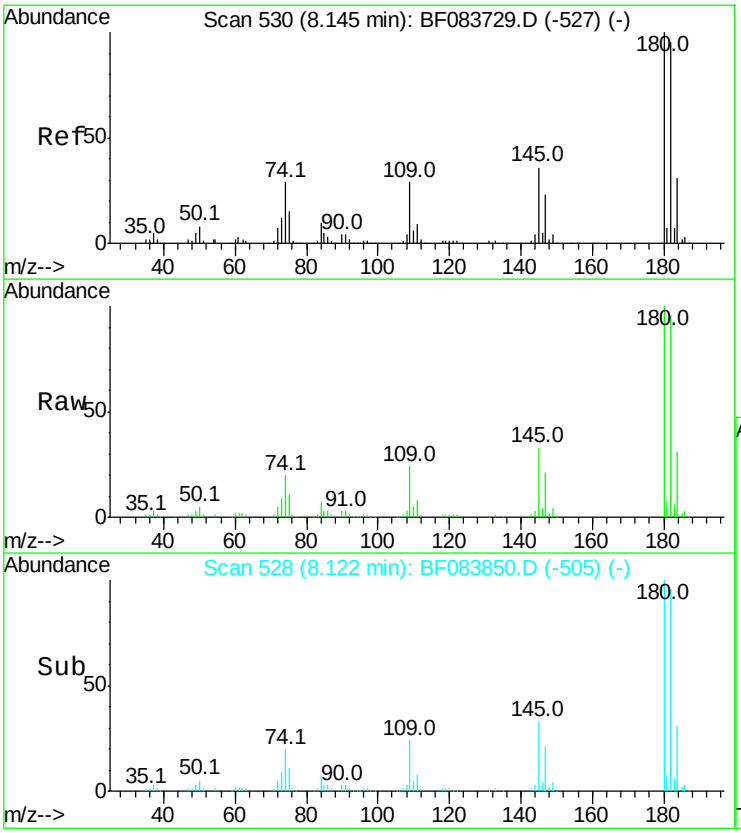
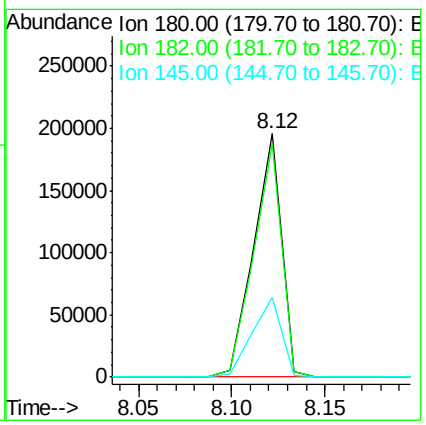
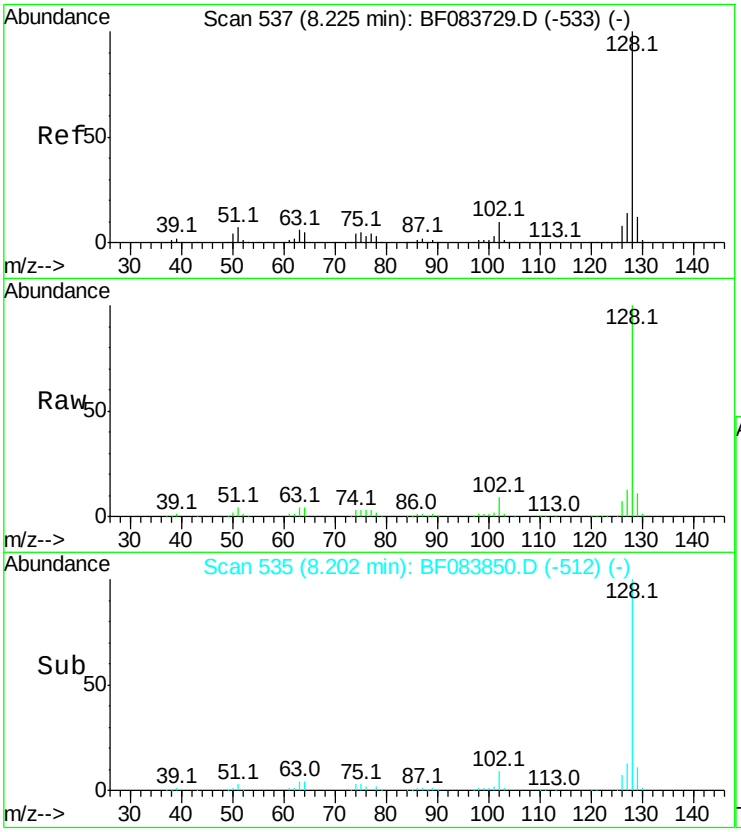


#30
1,2,4-Trichlorobenzene
Concen: 34.18 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:180 Resp: 202134

Ion	Ratio	Lower	Upper
180	100		
182	95.8	74.9	112.3
145	32.8	24.7	37.1

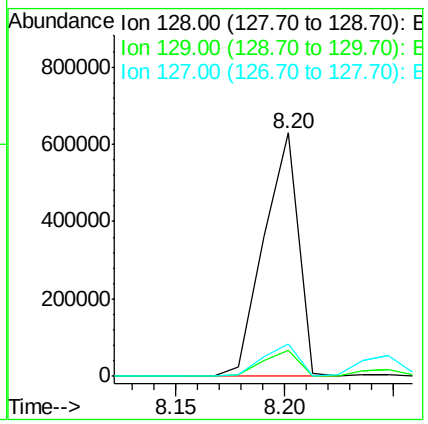




#31
Naphthalene
Concen: 34.09 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:128 Resp: 702915

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.5	10.6	16.0



Instrument :
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ClientSampleId :
PB87334BS

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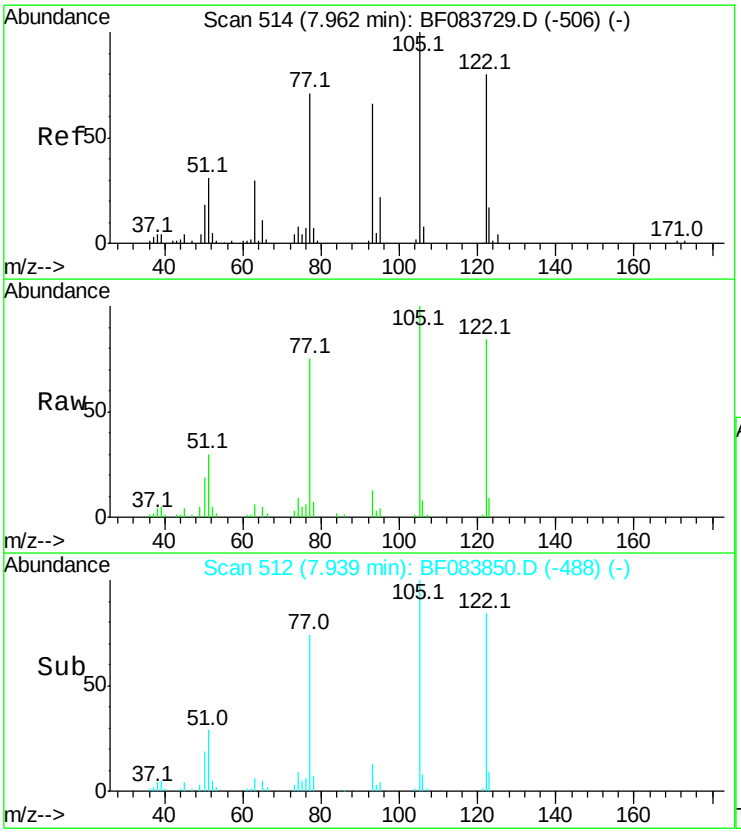
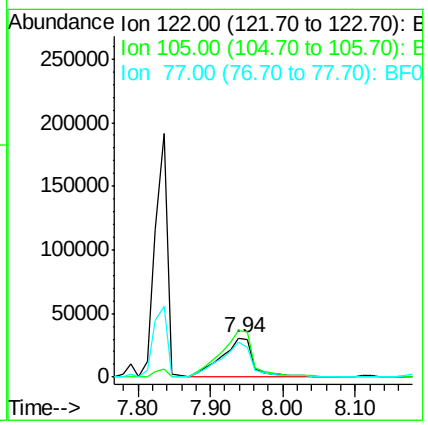
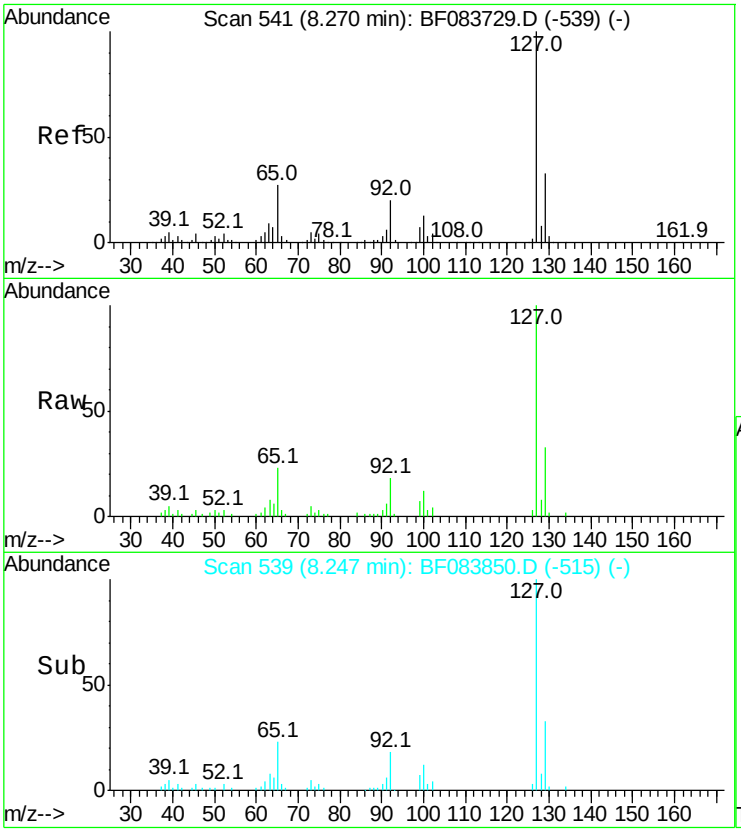


#32
Benzoic acid
Concen: 21.38 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:122 Resp: 92574

Ion	Ratio	Lower	Upper
122	100		
105	119.0	105.6	145.6
77	89.7	86.8	126.8

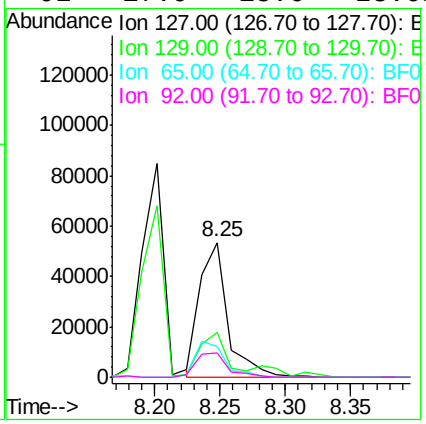




#33
4-Chloroaniline
Concen: 9.50 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:127 Resp: 80018

Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	23.0	33.5	50.3#
92	17.9	18.6	28.0#



Instrument :
BNA_F
ClientSampleId :
PB87334BS

Manual Integrations APPROVED
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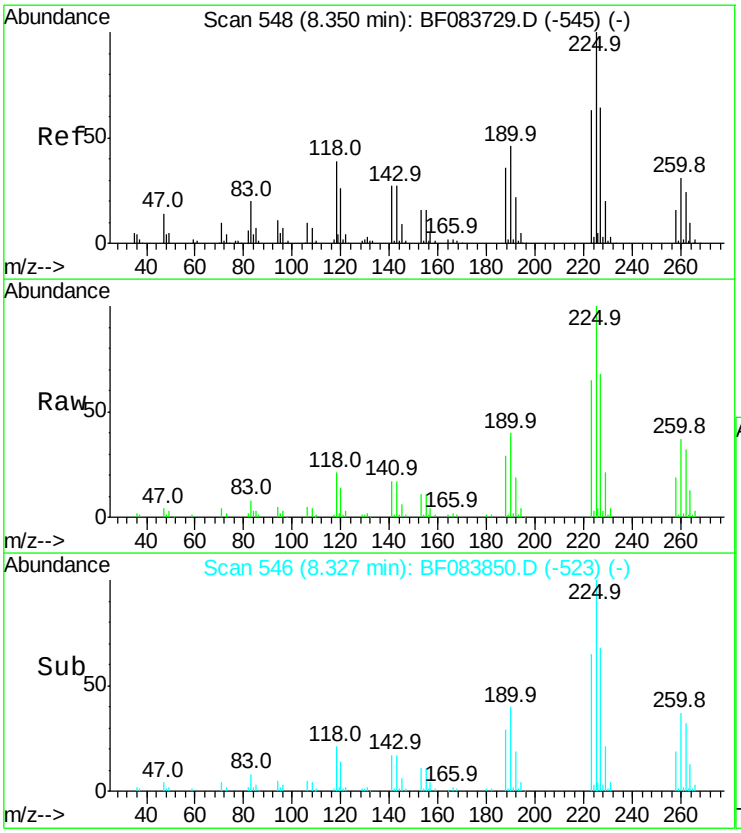
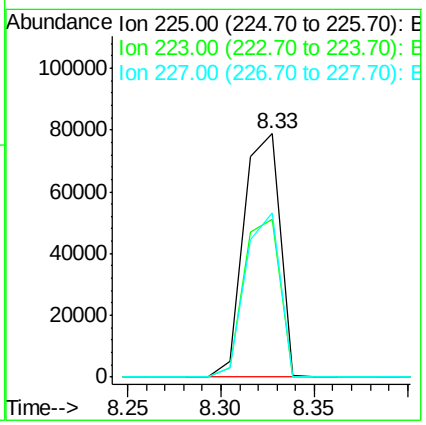
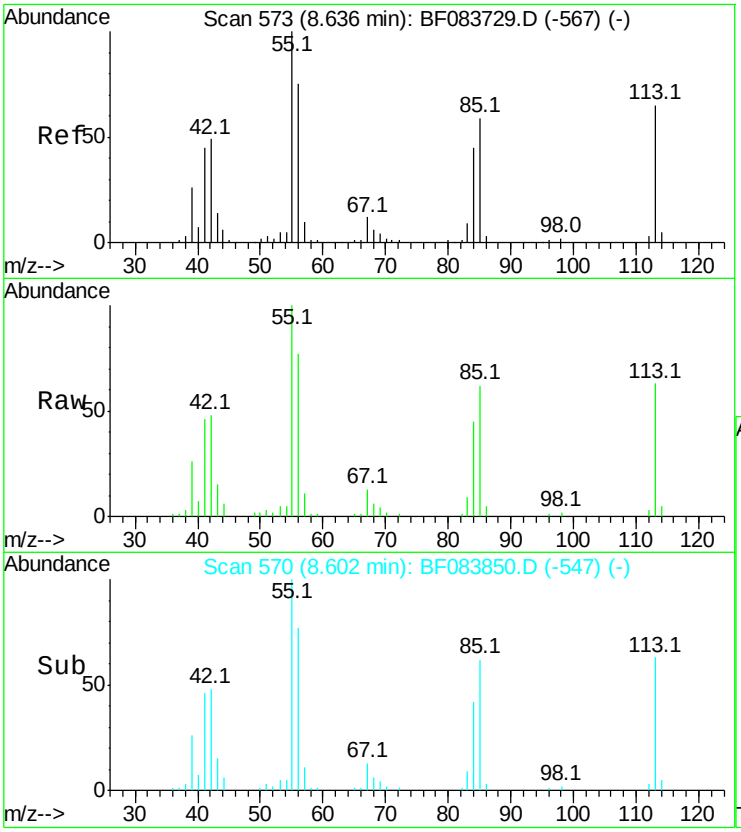


#34
Hexachlorobutadiene
Concen: 32.94 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:225 Resp: 106886

Ion	Ratio	Lower	Upper
225	100		
223	64.7	52.3	78.5
227	67.7	50.4	75.6

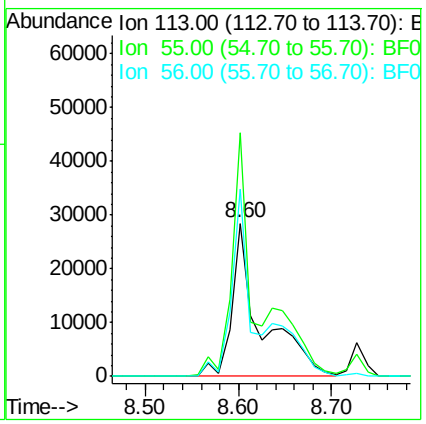




#35
Caprolactam
Concen: 33.92 ng
RT: 8.60 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:113 Resp: 62118

Ion	Ratio	Lower	Upper
113	100		
55	159.2	189.7	229.7#
56	122.2	130.7	170.7#



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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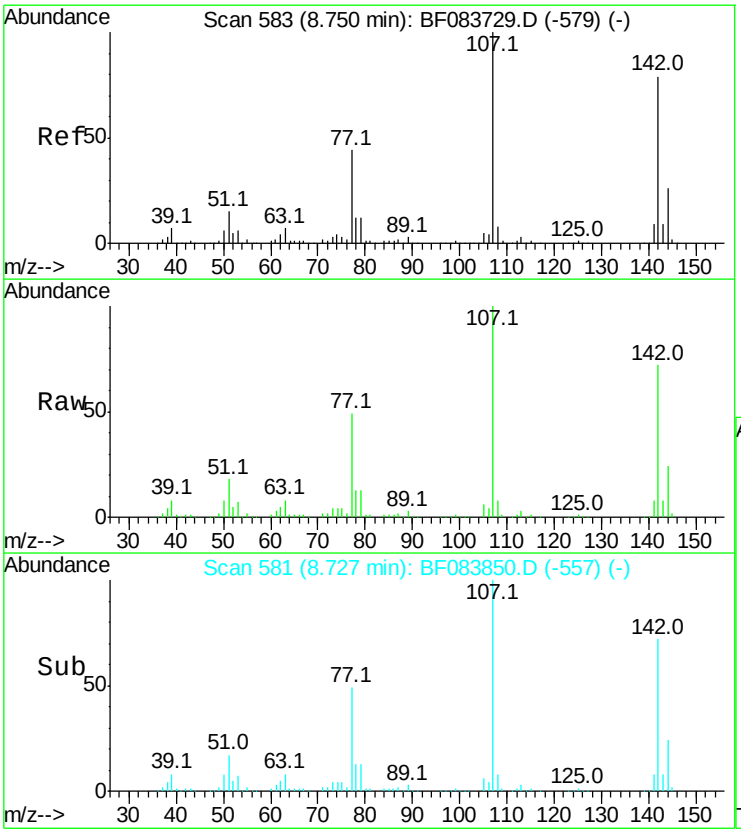
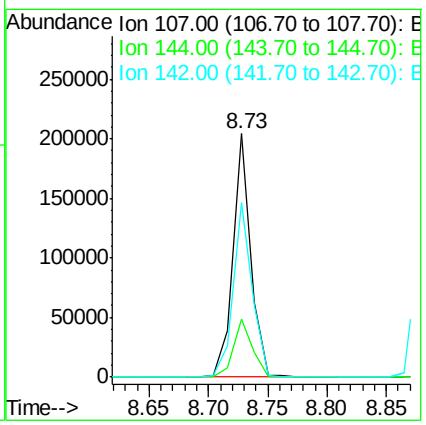
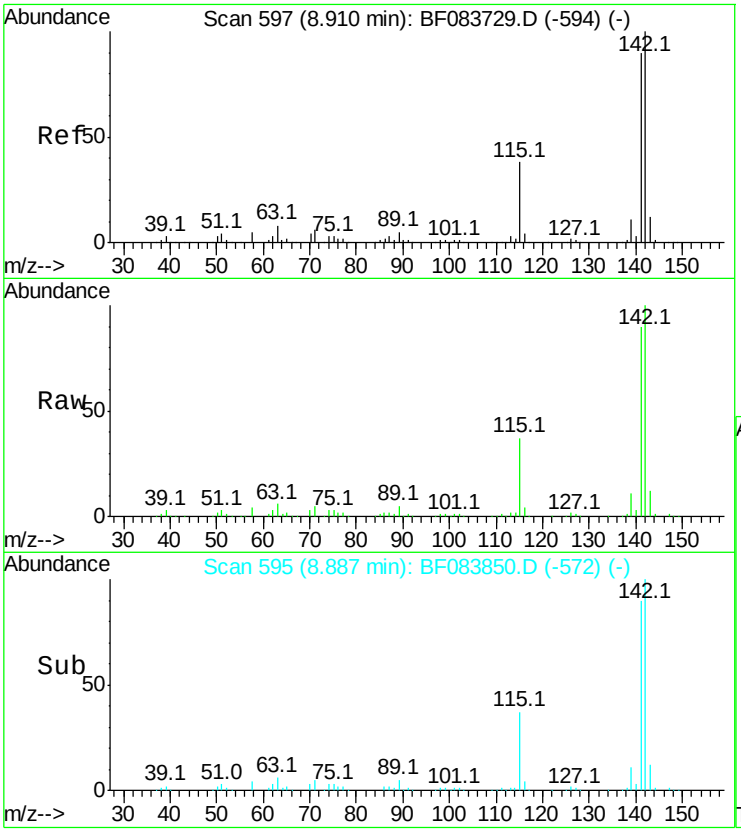


#36
4-Chloro-3-methylphenol
Concen: 32.03 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:107 Resp: 213654

Ion	Ratio	Lower	Upper
107	100		
144	23.6	17.5	26.3
142	71.8	53.6	80.4

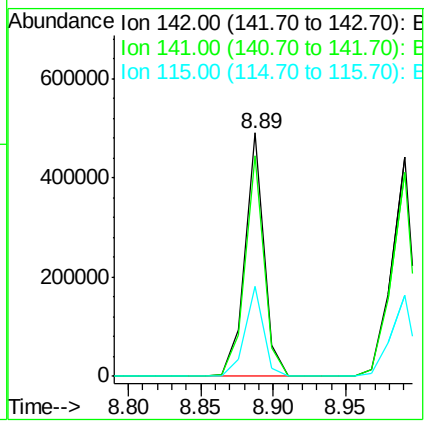




#37
2-Methylnaphthalene
Concen: 34.59 ng
RT: 8.89 min Scan# 595
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:142 Resp: 447838

Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.3	105.5
115	37.1	29.2	43.8



Instrument :
BNA_F
ClientSampleId :
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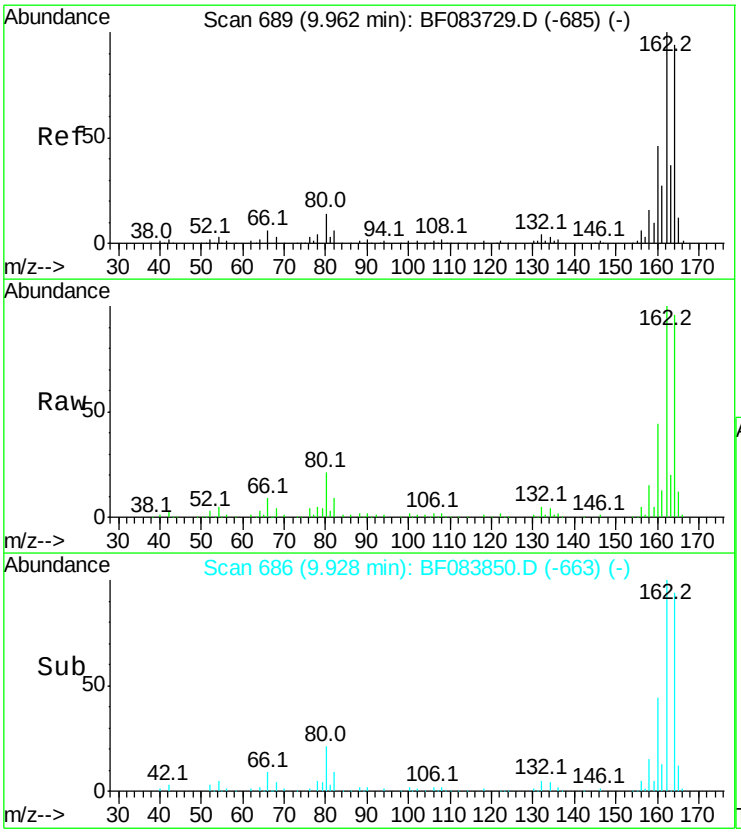
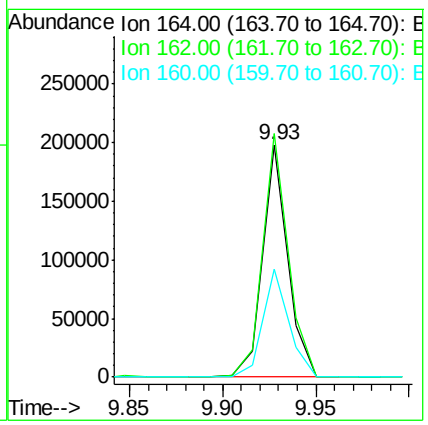
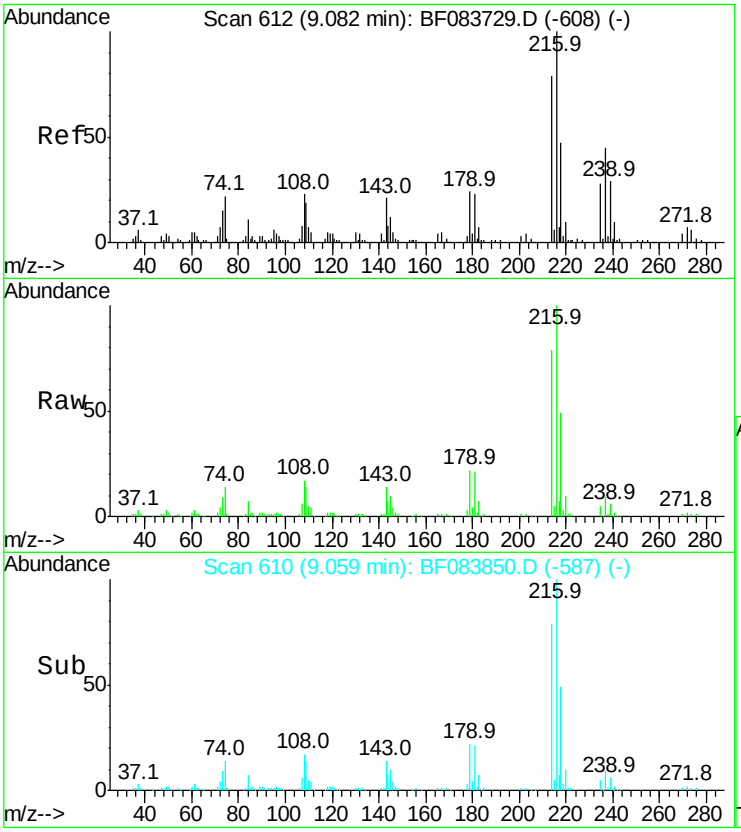


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:164 Resp: 182428

Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.8	118.2
160	46.4	33.4	50.2

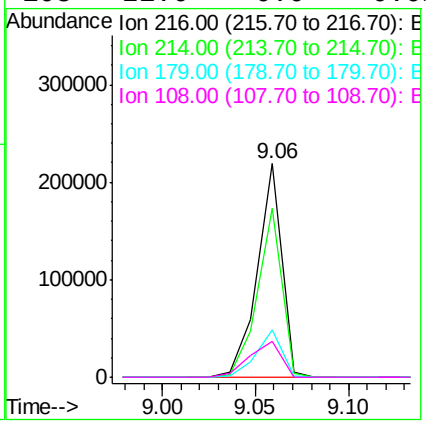




#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.82 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:216 Resp: 198138

Ion	Ratio	Lower	Upper
216	100		
214	78.8	0.0	0.0#
179	23.1	0.0	0.0#
108	21.6	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
PB87334BS

Manual Integrations APPROVED
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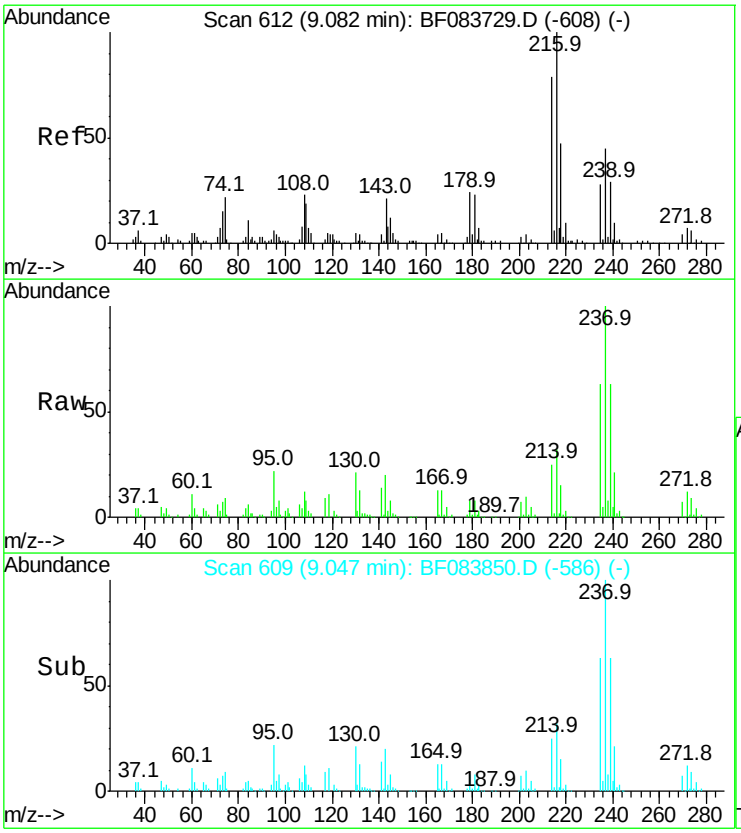
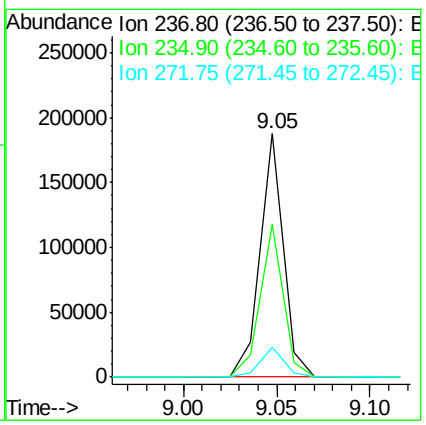
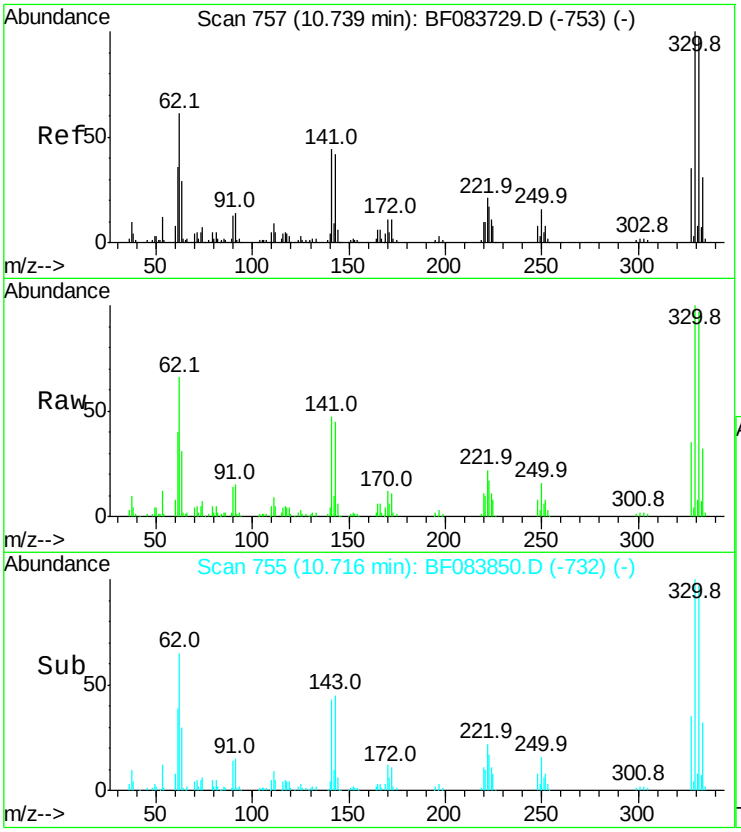


#40
Hexachlorocyclopentadiene
Concen: 58.79 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:237 Resp: 160333

Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.9	83.9
272	12.0	0.0	31.8

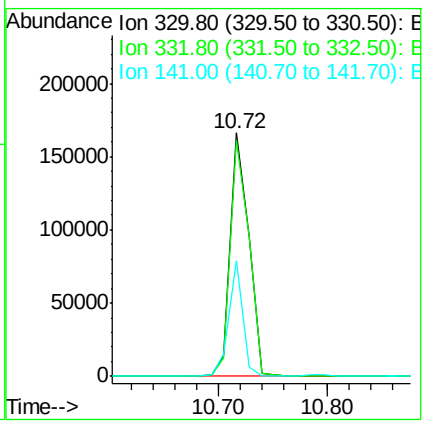




#41
2,4,6-Tribromophenol
Concen: 103.44 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:330 Resp: 192289

Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	36.2	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
PB87334BS

Manual Integrations APPROVED
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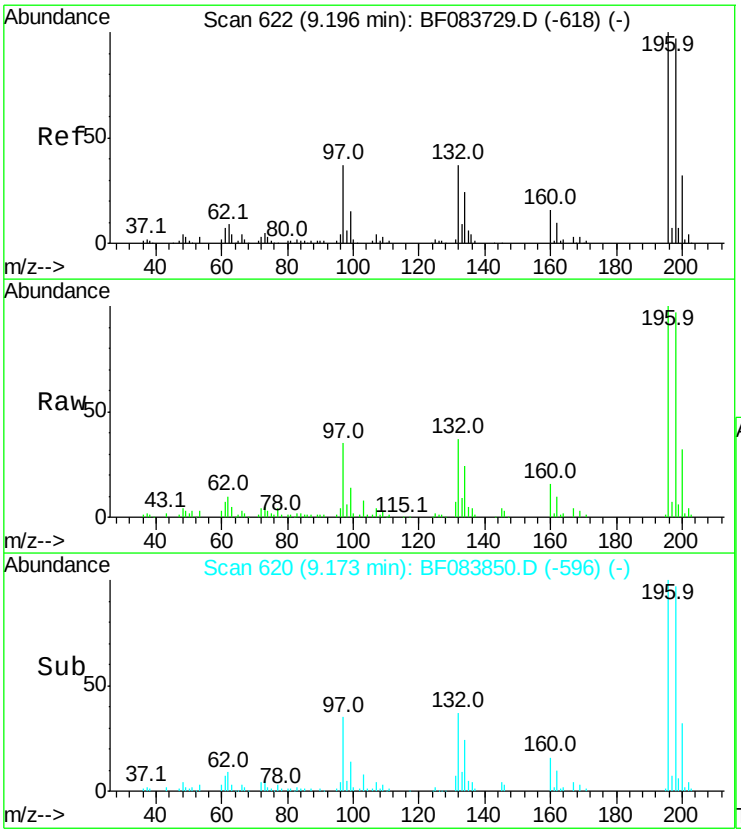
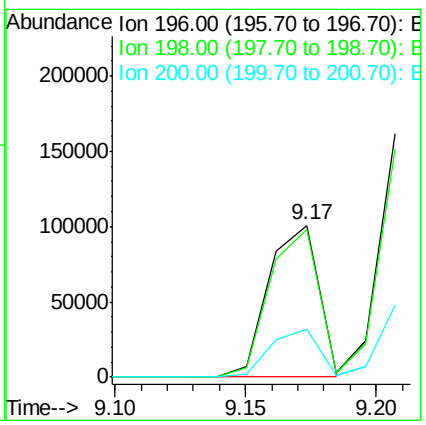
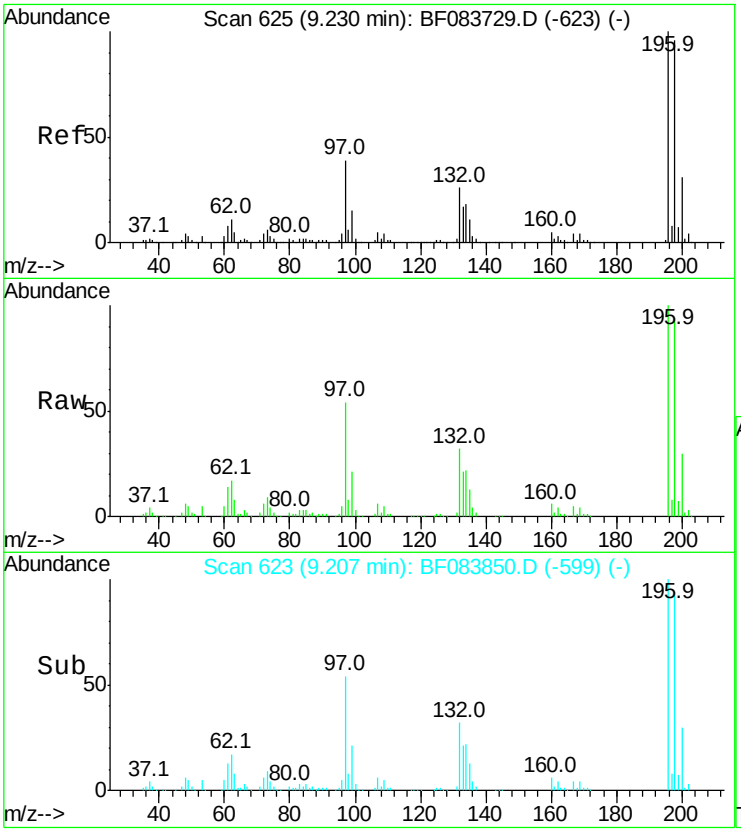


#42
2,4,6-Trichlorophenol
Concen: 33.80 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:196 Resp: 133123

Ion	Ratio	Lower	Upper
196	100		
198	97.5	75.2	112.8
200	31.8	23.0	34.6

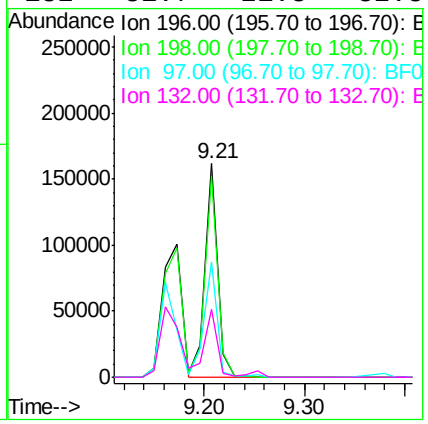




#43
2,4,5-Trichlorophenol
Concen: 38.20 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:196 Resp: 142723

Ion	Ratio	Lower	Upper
196	100		
198	93.9	77.7	116.5
97	54.2	41.2	61.8
132	31.7	21.8	32.8



Instrument :
BNA_F
ClientSampleId :
PB87334BS

Manual Integrations APPROVED
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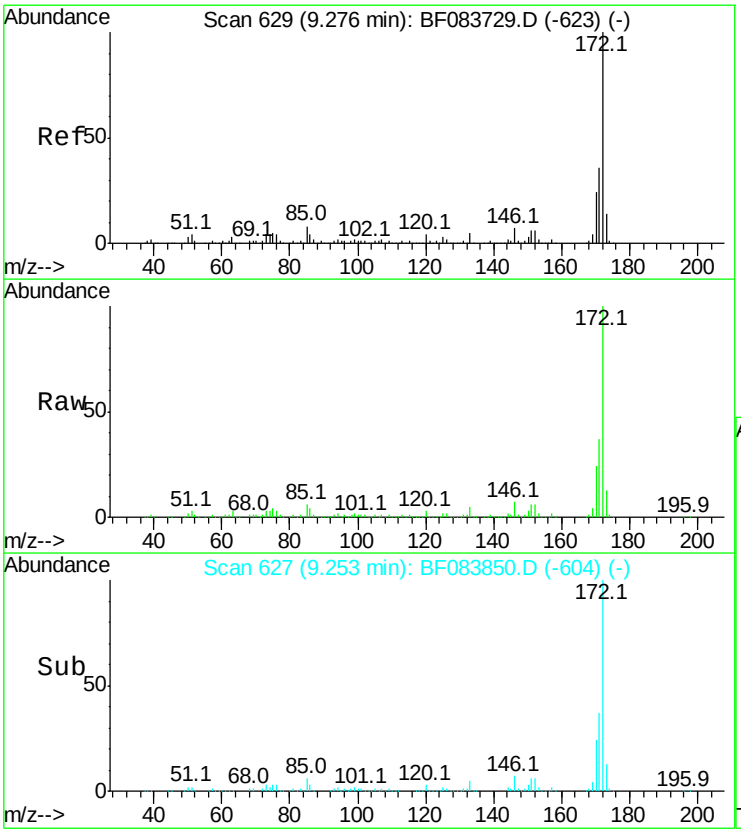
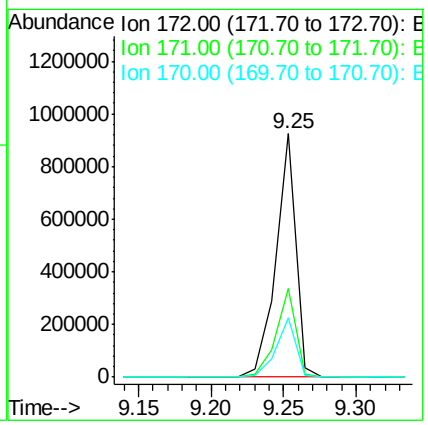
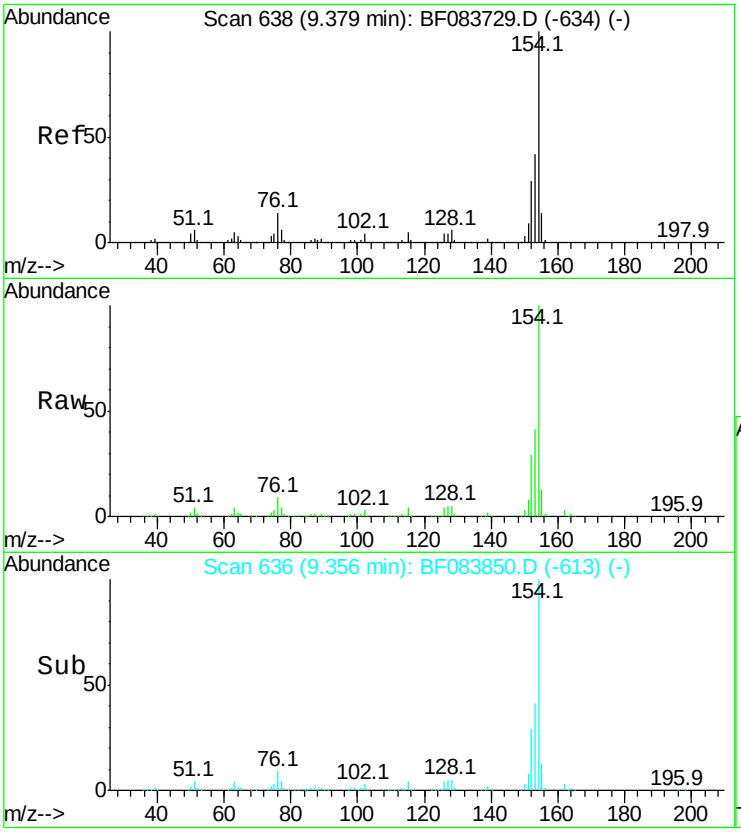


#44
2-Fluorobiphenyl
Concen: 65.96 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:172 Resp: 877129

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	42.8
170	24.4	19.4	29.0

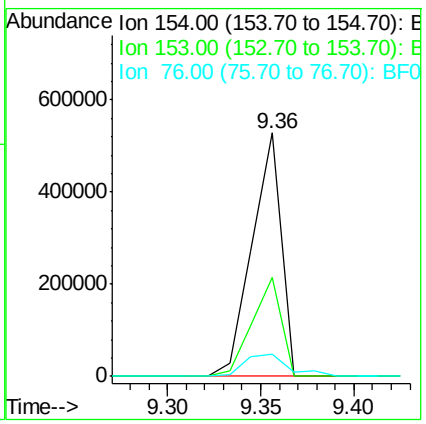




#45
1,1'-Biphenyl
Concen: 35.18 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:154 Resp: 568851

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.2	60.2
76	8.9	0.0	34.8



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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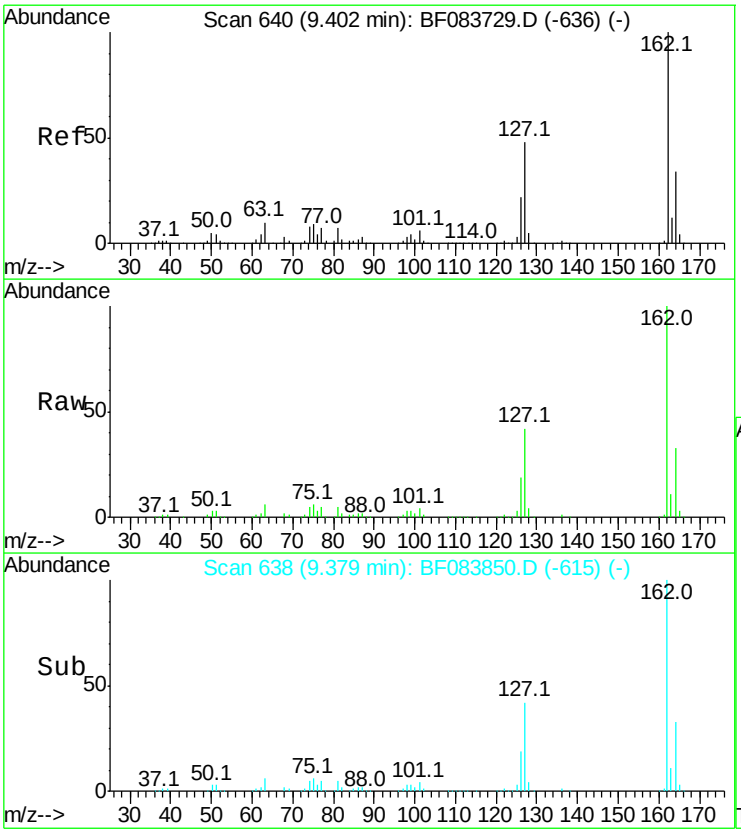
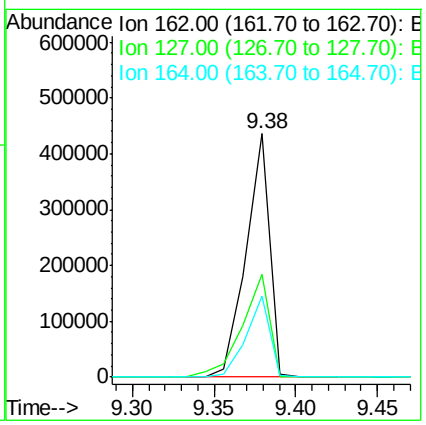
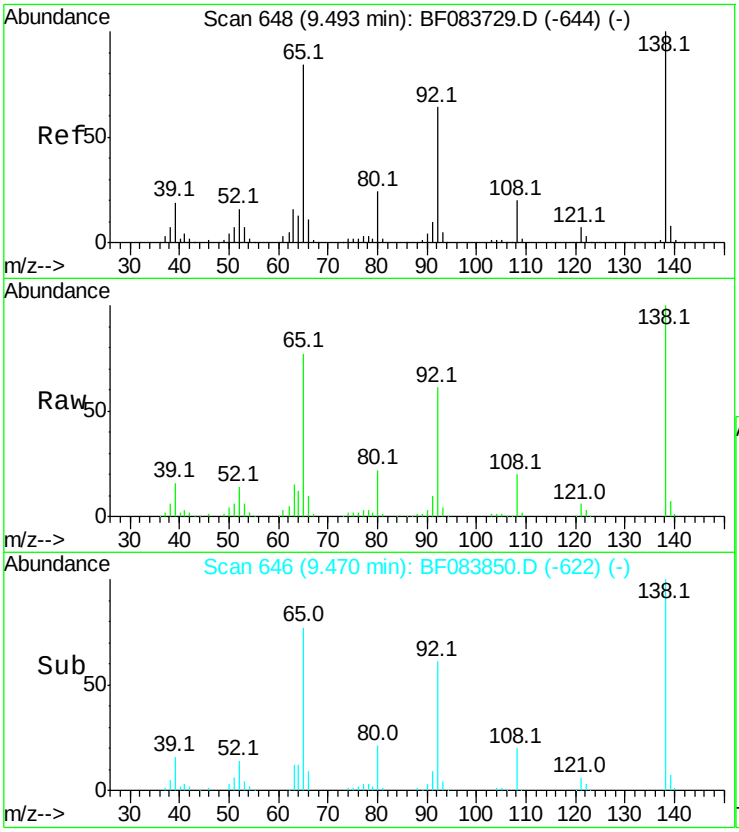


#46
2-Chloronaphthalene
Concen: 36.68 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:162 Resp: 437810

Ion	Ratio	Lower	Upper
162	100		
127	42.0	31.0	46.4
164	33.1	27.4	41.0

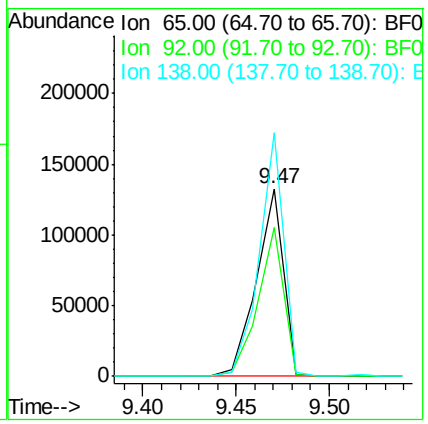




#47
2-Nitroaniline
Concen: 39.00 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion: 65 Resp: 131995

Ion	Ratio	Lower	Upper
65	100		
92	79.5	49.6	74.4#
138	129.8	64.1	96.1#



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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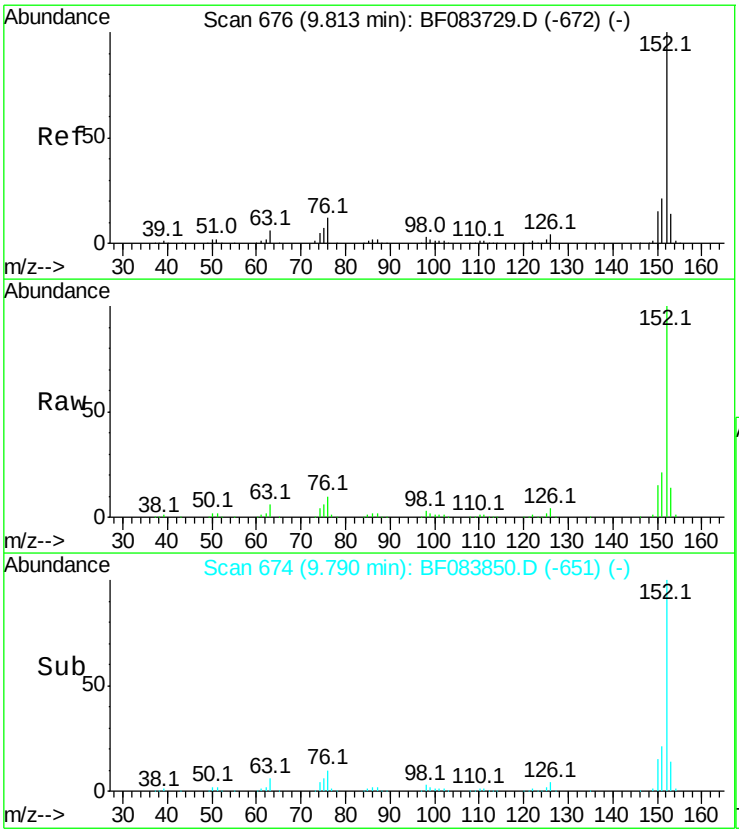
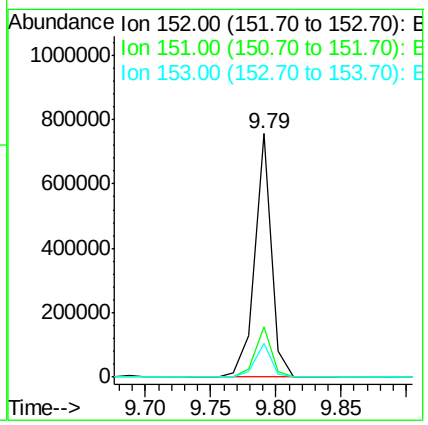
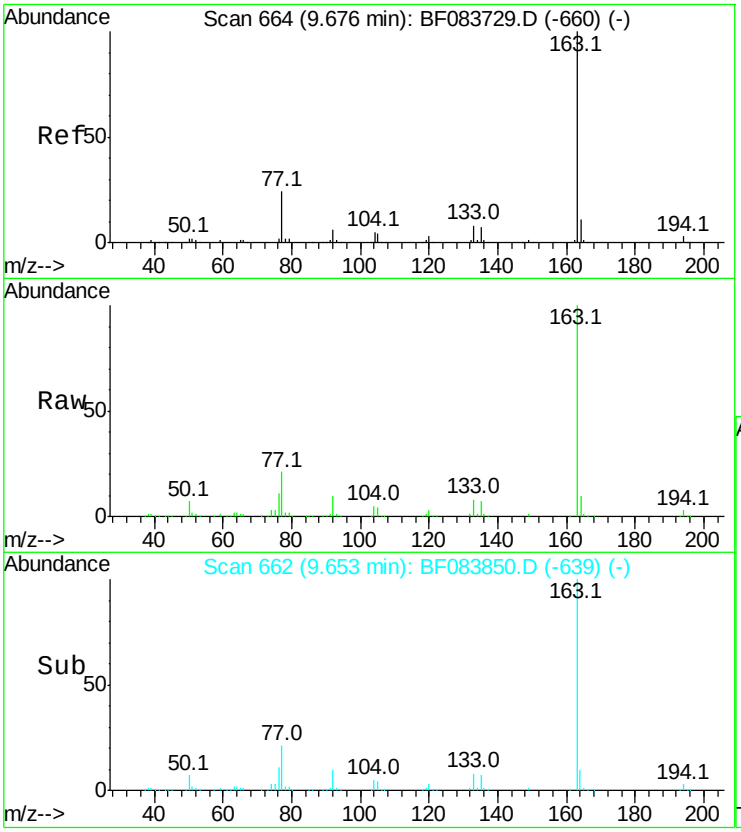


#48
Acenaphthylene
Concen: 33.52 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:152 Resp: 673001

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.9	10.8	16.2

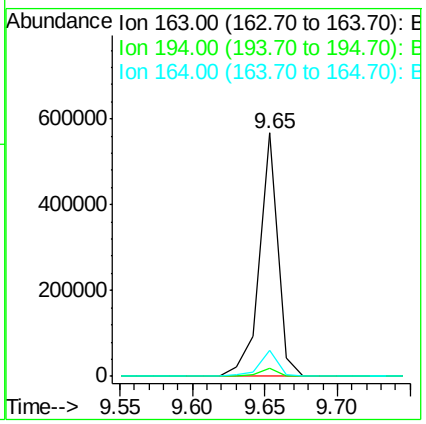




#49
Dimethylphthalate
Concen: 34.99 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:163 Resp: 497700

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.4	8.6	13.0



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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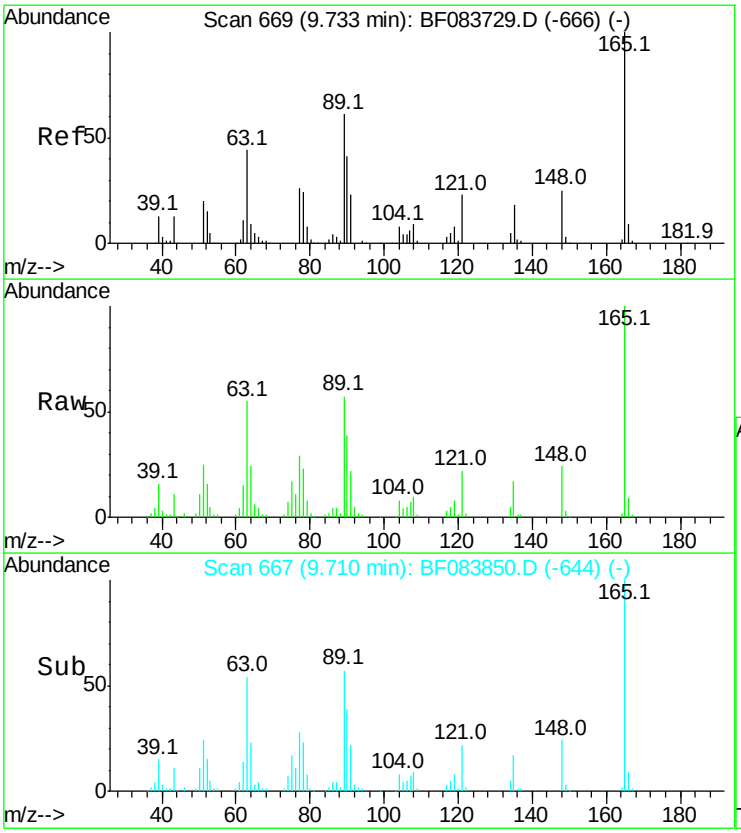
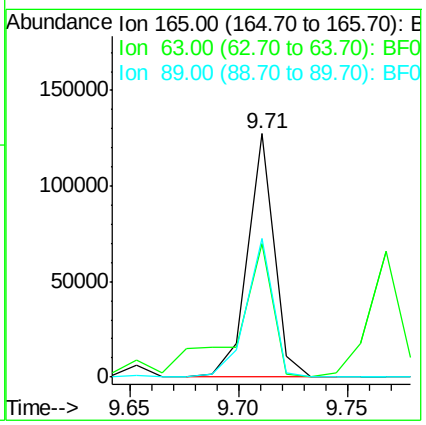
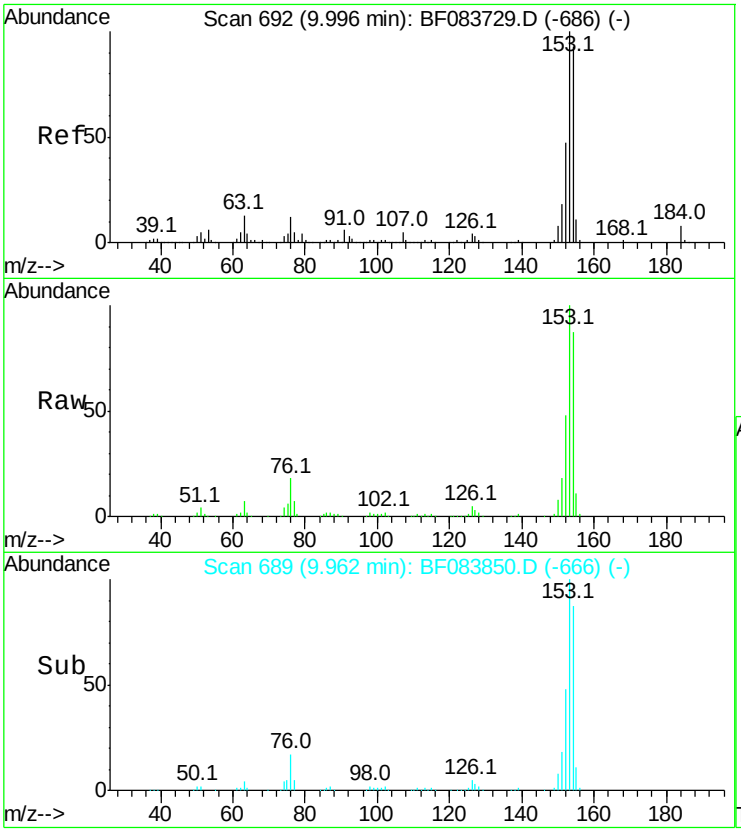


#50
2,6-Dinitrotoluene
Concen: 35.82 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:165 Resp: 108128

Ion	Ratio	Lower	Upper
165	100		
63	55.0	56.9	85.3#
89	56.7	52.1	78.1

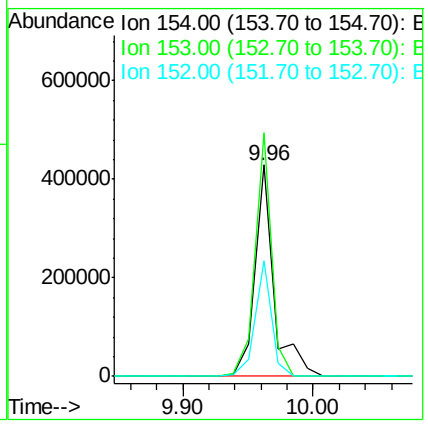




#51
Acenaphthene
Concen: 36.24 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:154 Resp: 439905

Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.4	137.0
152	54.9	43.4	65.2



Instrument :
BNA_F
ClientSampleId :
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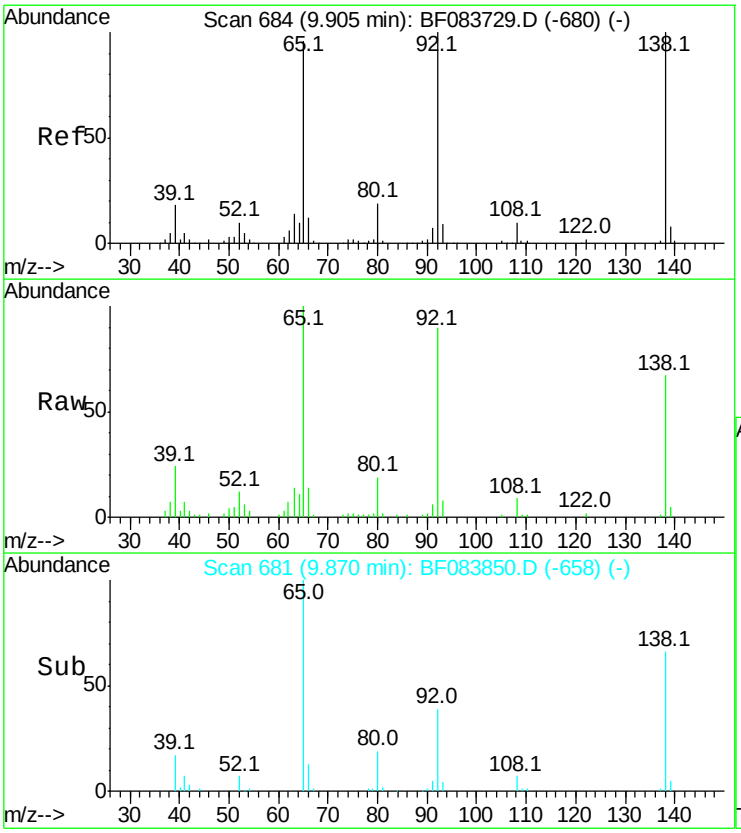
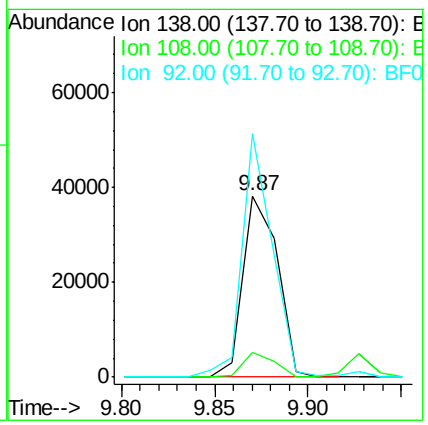
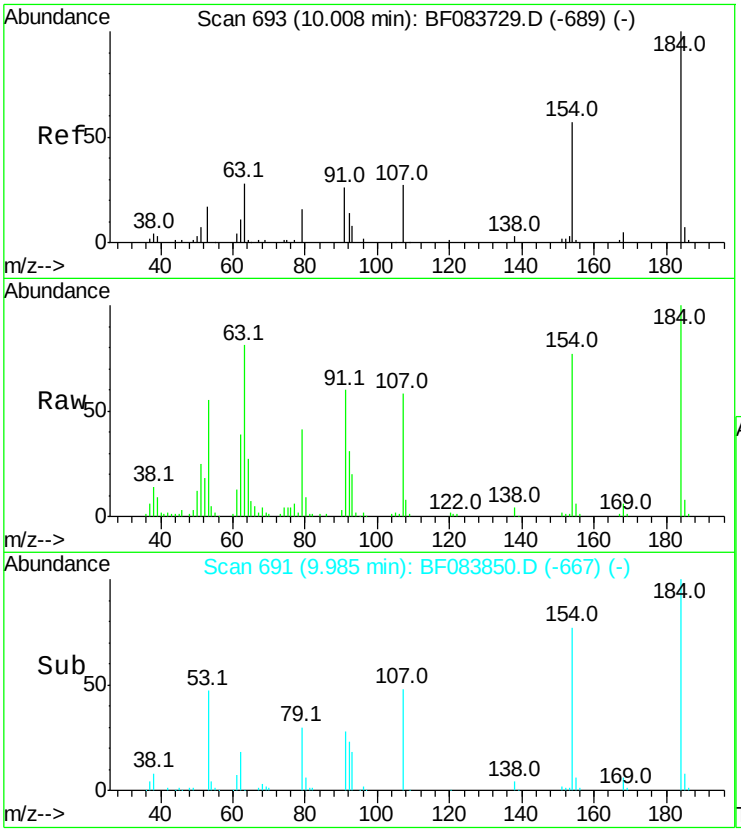


#52
3-Nitroaniline
Concen: 14.07 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:138 Resp: 48951

Ion	Ratio	Lower	Upper
138	100		
108	13.6	9.9	14.9
92	134.4	113.8	170.8

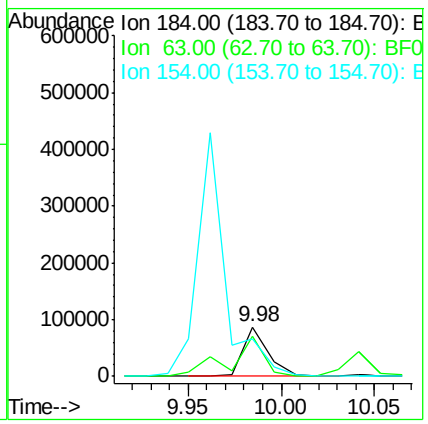




#53
2,4-Dinitrophenol
Concen: 59.70 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:184 Resp: 84319

Ion	Ratio	Lower	Upper
184	100		
63	80.7	62.4	93.6
154	76.6	46.6	69.8#



Instrument :
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ClientSampleId :
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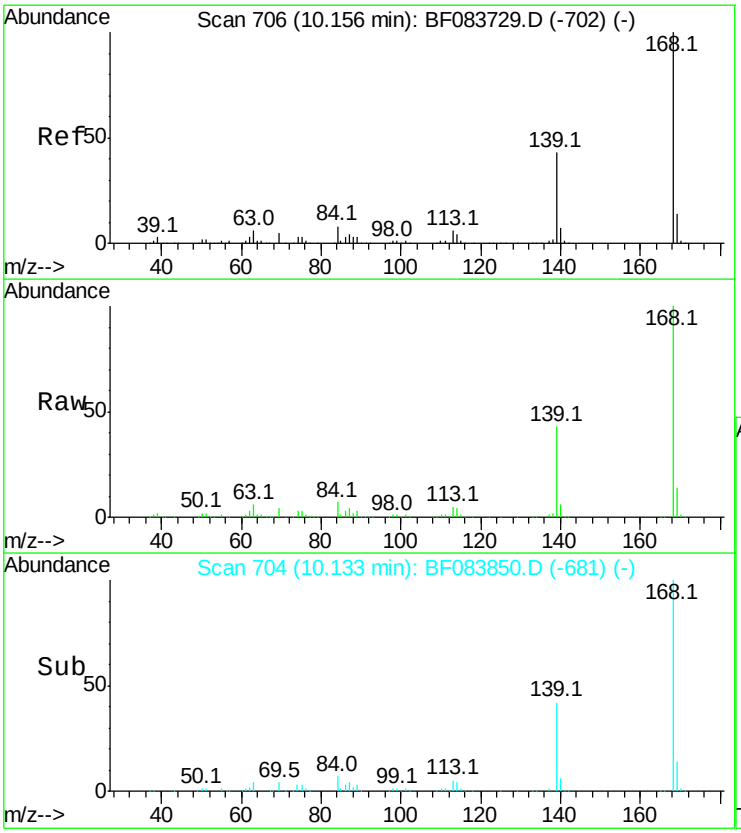
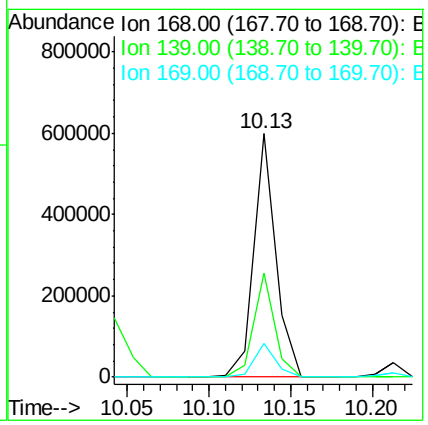
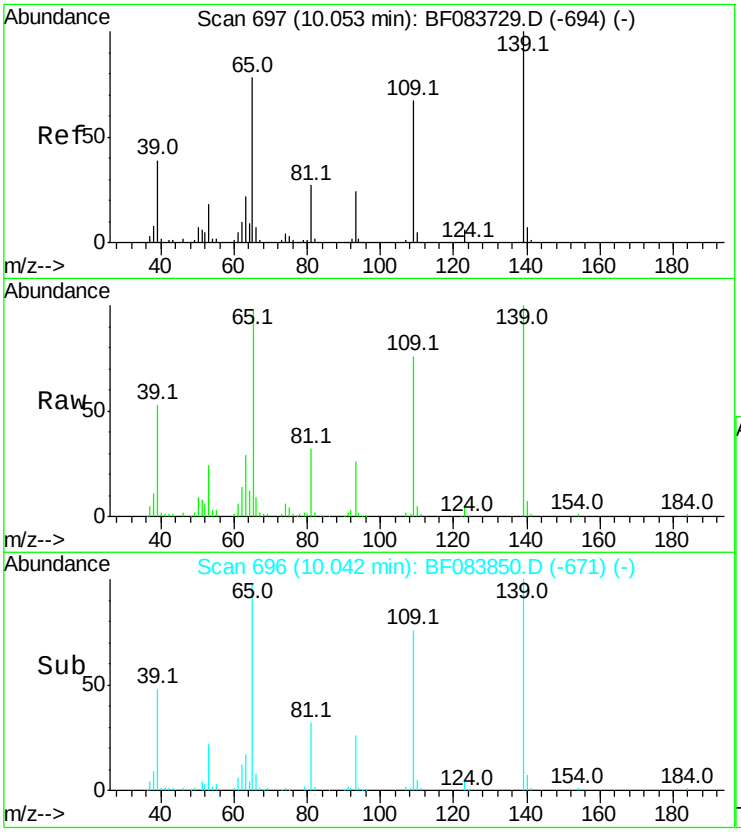


#54
Dibenzofuran
Concen: 35.03 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:168 Resp: 563330

Ion	Ratio	Lower	Upper
168	100		
139	42.8	28.0	42.0#
169	13.9	10.8	16.2

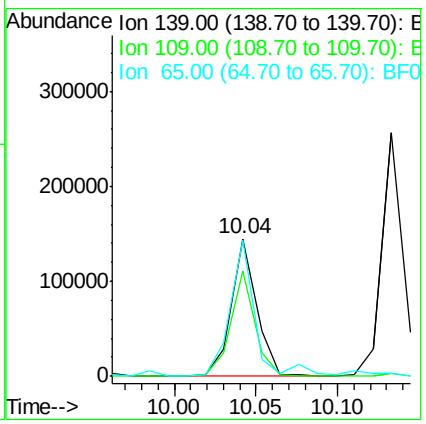




#55
4-Nitrophenol
Concen: 60.76 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:139 Resp: 156562

Ion	Ratio	Lower	Upper
139	100		
109	76.0	42.0	82.0
65	98.3	89.2	129.2



Instrument :
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ClientSampleId :
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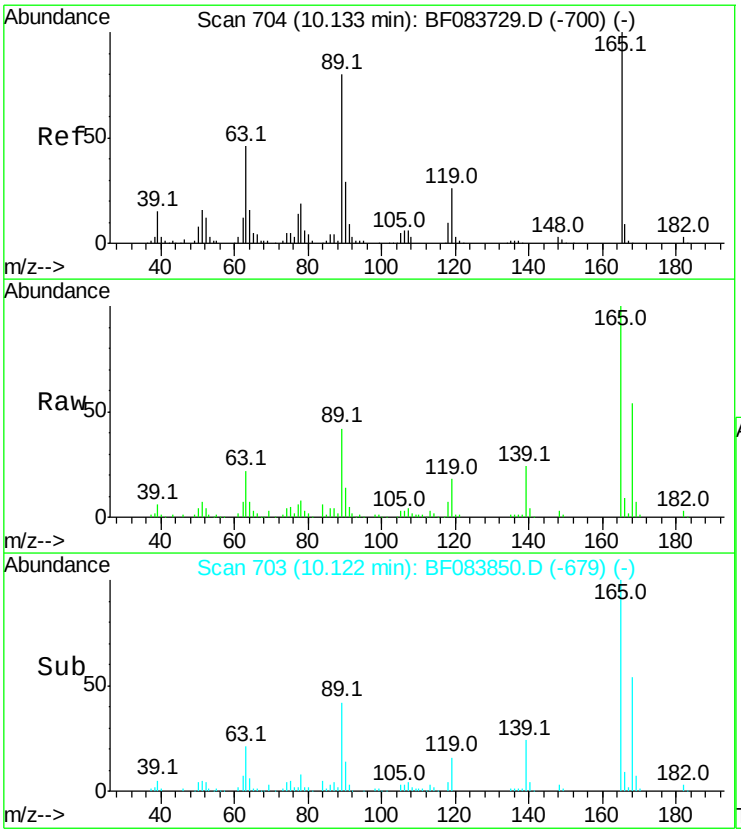
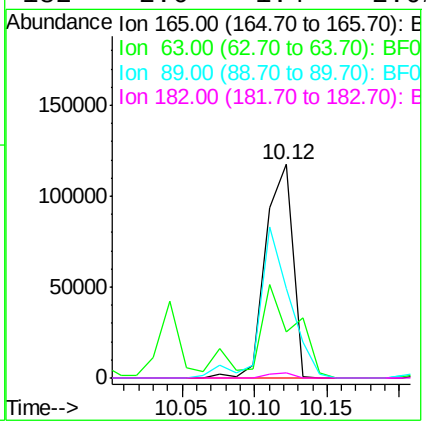
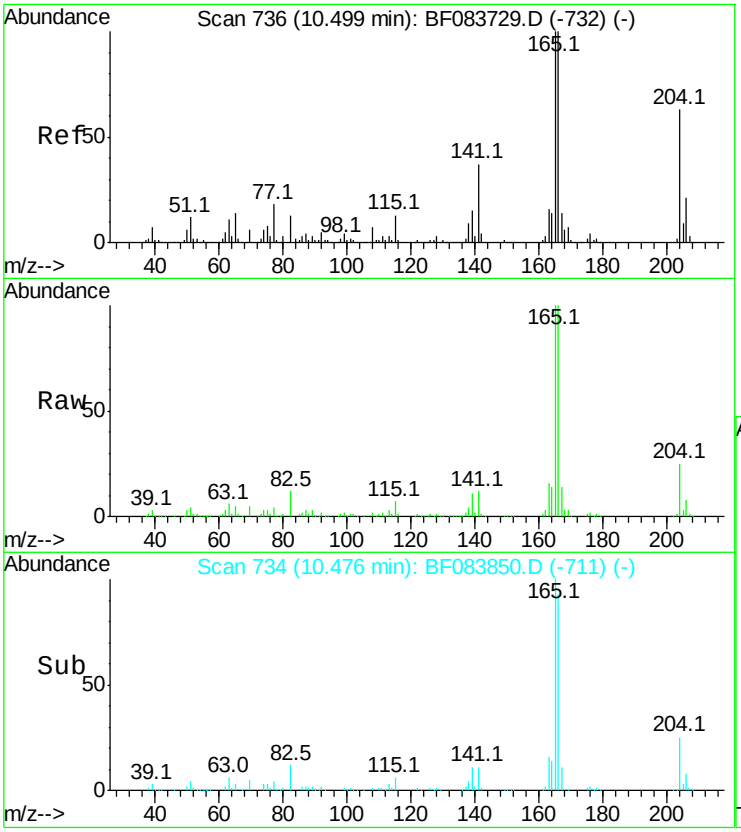


#56
2,4-Dinitrotoluene
Concen: 38.60 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:165 Resp: 152193

Ion	Ratio	Lower	Upper
165	100		
63	21.9	51.4	77.2#
89	41.7	72.6	108.8#
182	2.6	1.4	2.0#

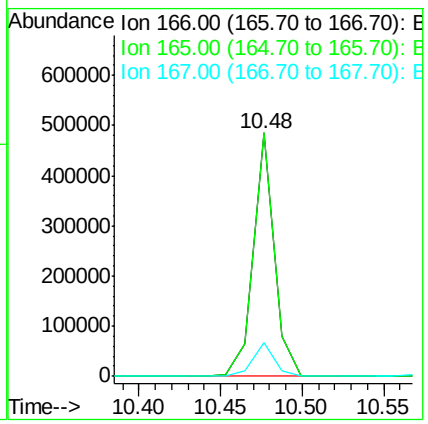




#57
Fluorene
Concen: 34.37 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:166 Resp: 435367

Ion	Ratio	Lower	Upper
166	100		
165	100.0	80.0	120.0
167	13.8	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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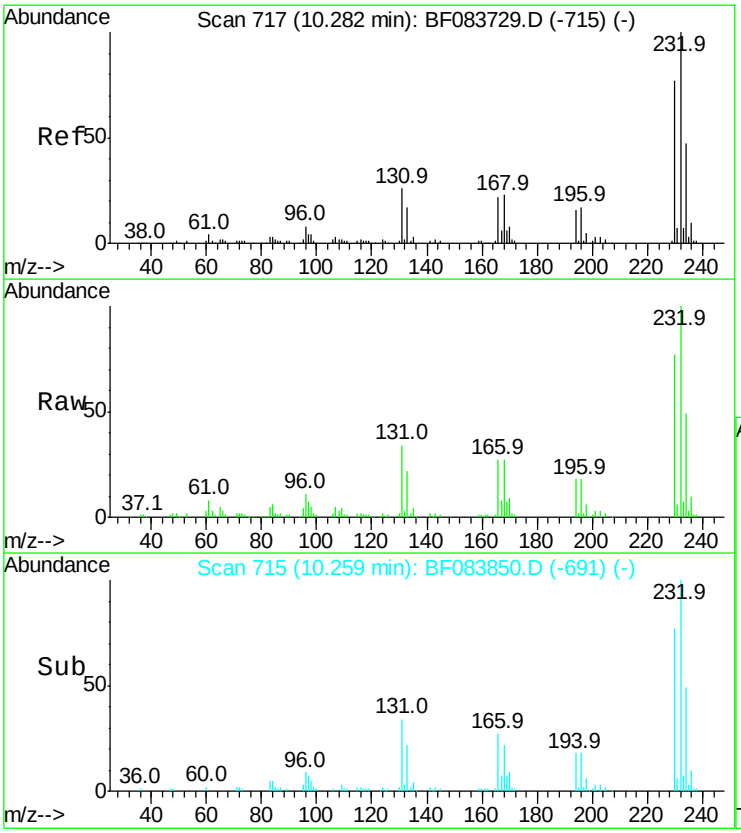
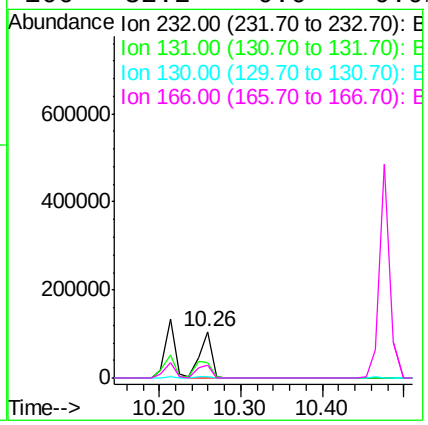
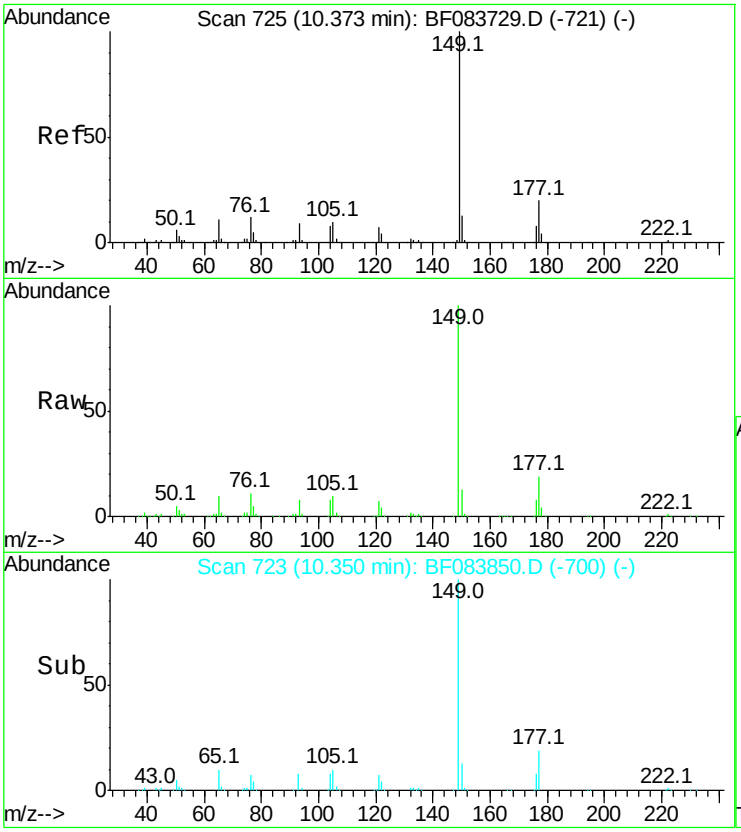


#58
2,3,4,6-Tetrachlorophenol
Concen: 40.03 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:232 Resp: 112200

Ion	Ratio	Lower	Upper
232	100		
131	47.8	0.0	0.0#
130	2.5	0.0	0.0#
166	32.2	0.0	0.0#

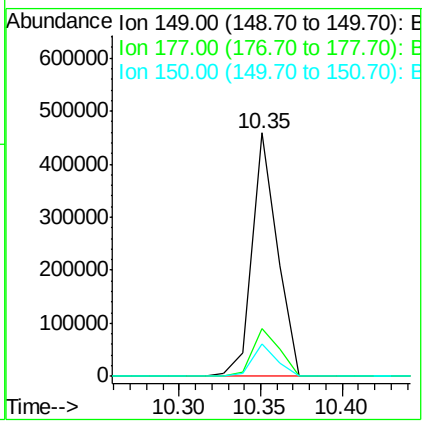




#59
Diethylphthalate
Concen: 34.19 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:149 Resp: 492263

Ion	Ratio	Lower	Upper
149	100		
177	19.5	16.9	25.3
150	13.2	10.2	15.4



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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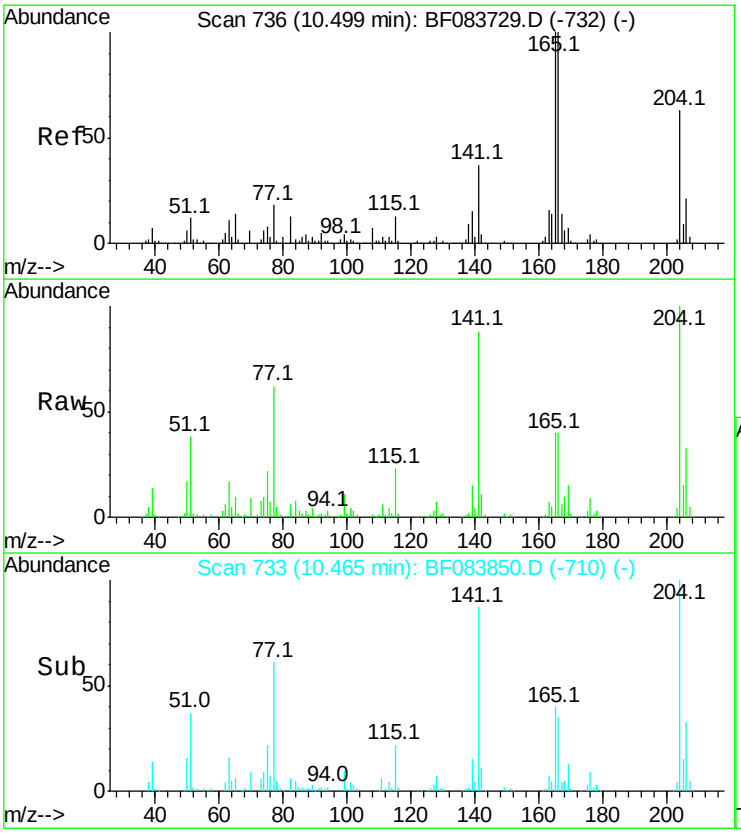
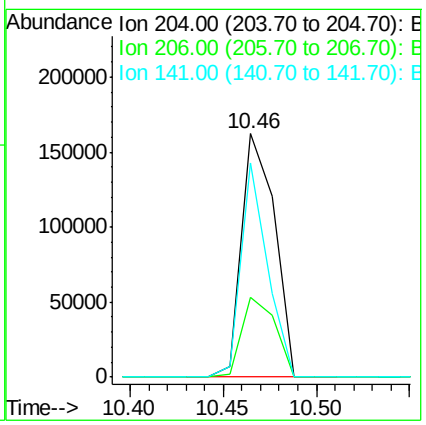
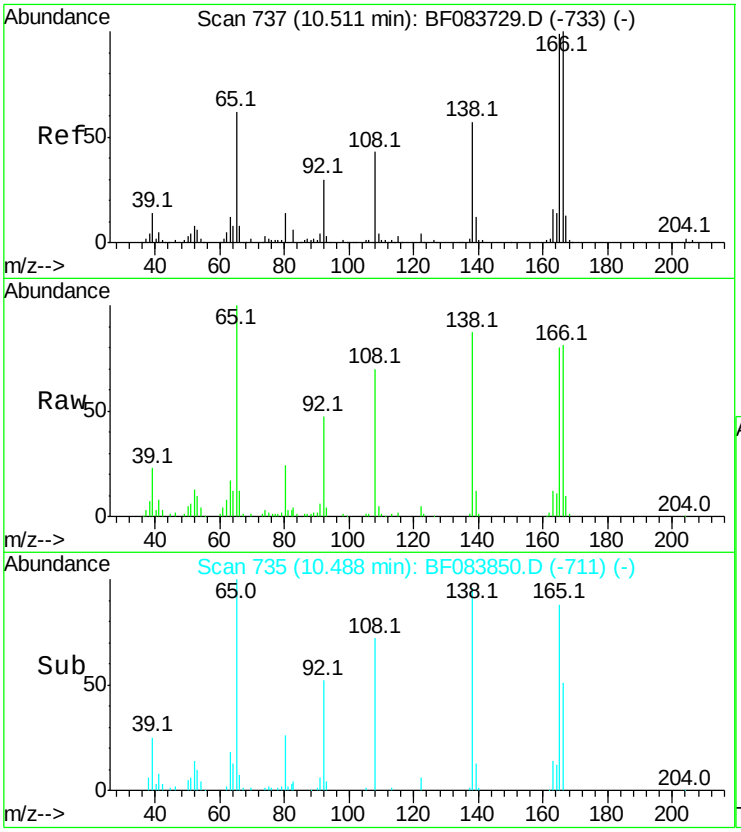


#60
4-Chlorophenyl-phenylether
Concen: 34.47 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:204 Resp: 199081

Ion	Ratio	Lower	Upper
204	100		
206	32.5	27.3	40.9
141	87.8	51.9	77.9#

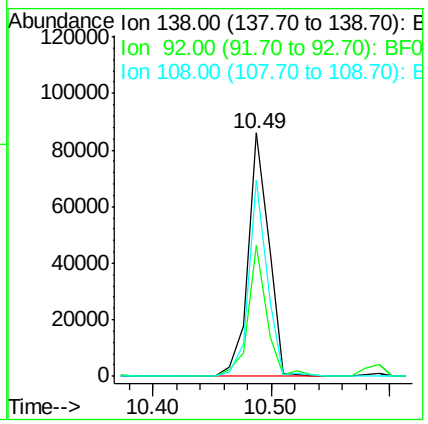




#61
4-Nitroaniline
Concen: 34.26 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:138 Resp: 105101

Ion	Ratio	Lower	Upper
138	100		
92	53.7	29.0	69.0
108	80.4	47.4	87.4



Instrument :
BNA_F
ClientSampleId :
PB87334BS

Manual Integrations APPROVED
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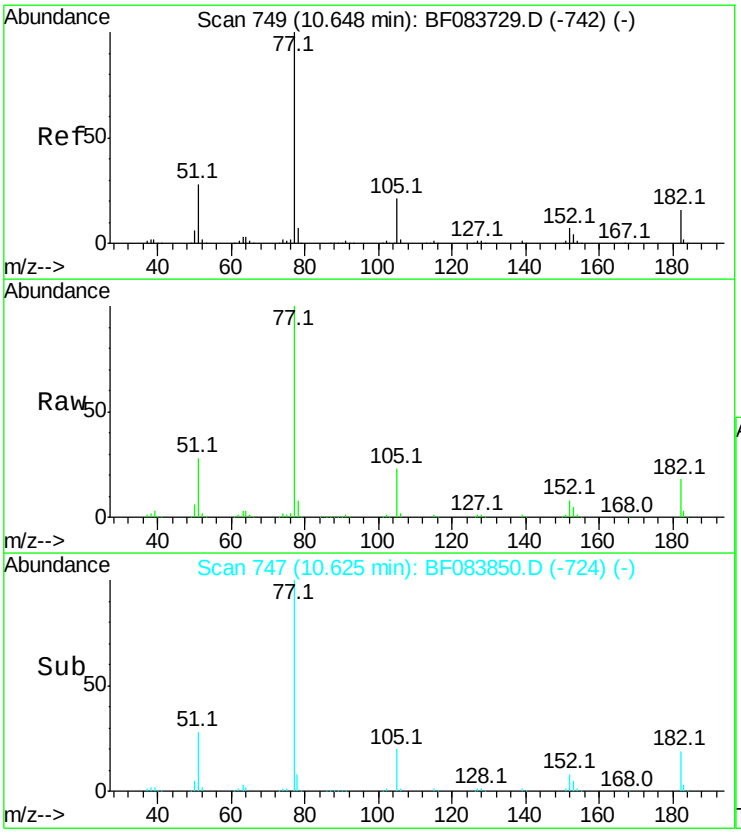
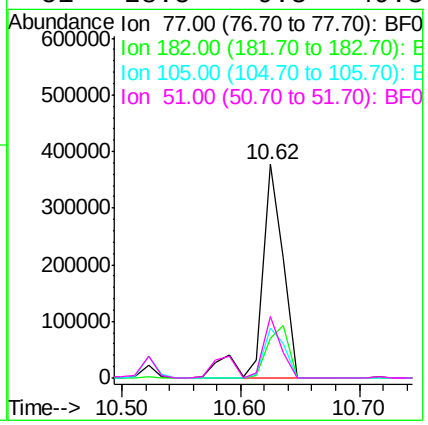
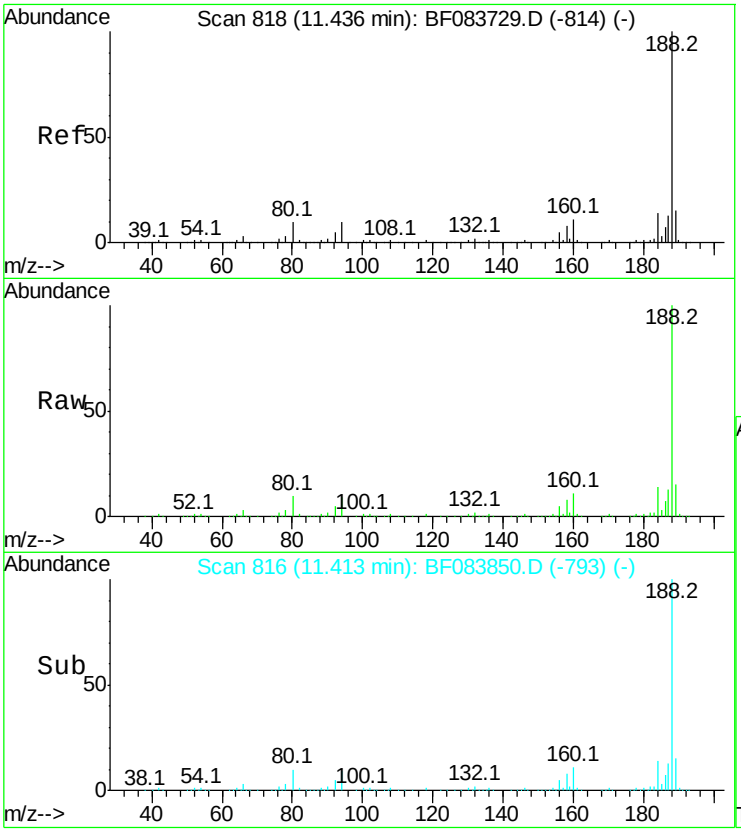


#62
Azobenzene
Concen: 36.22 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion: 77 Resp: 475421

Ion	Ratio	Lower	Upper
77	100		
182	18.3	2.5	42.5
105	23.1	2.1	42.1
51	28.5	9.3	49.3

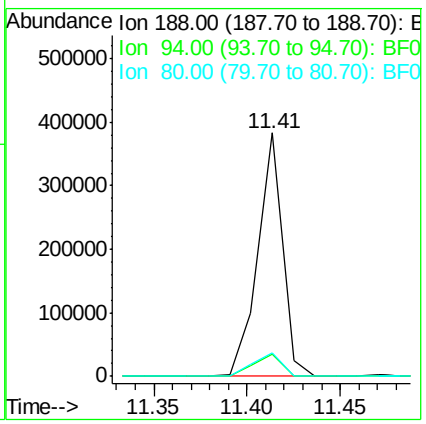




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:188 Resp: 350883

Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.4	14.2#
80	9.5	10.6	16.0#



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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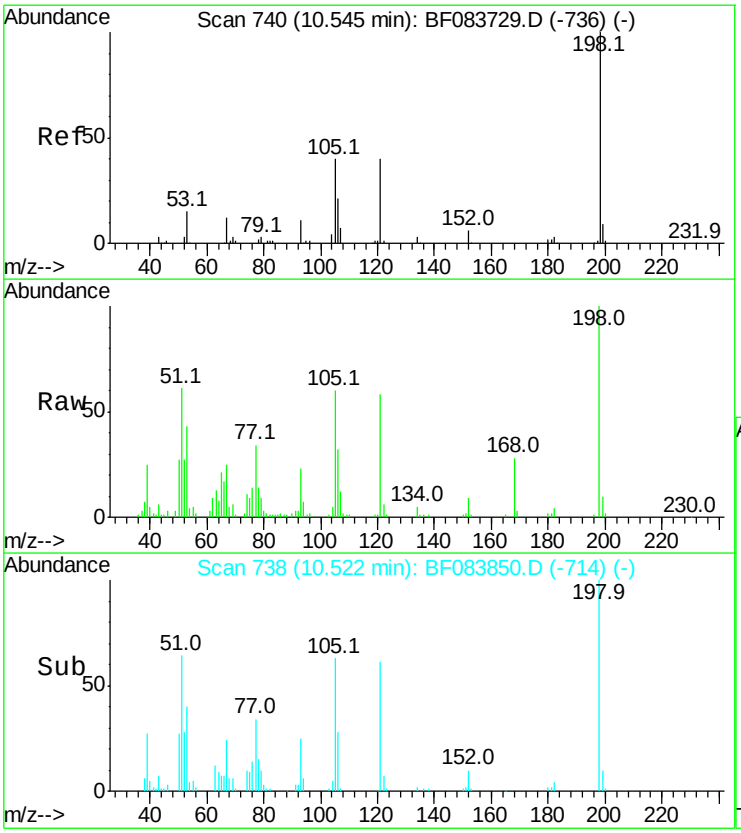
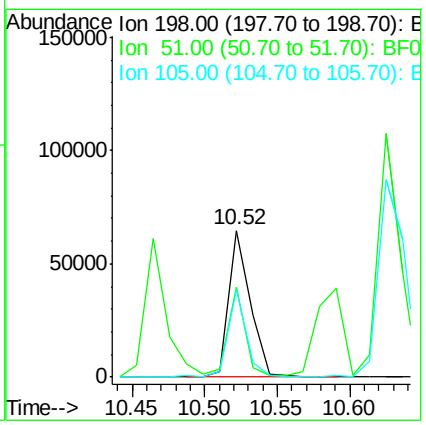
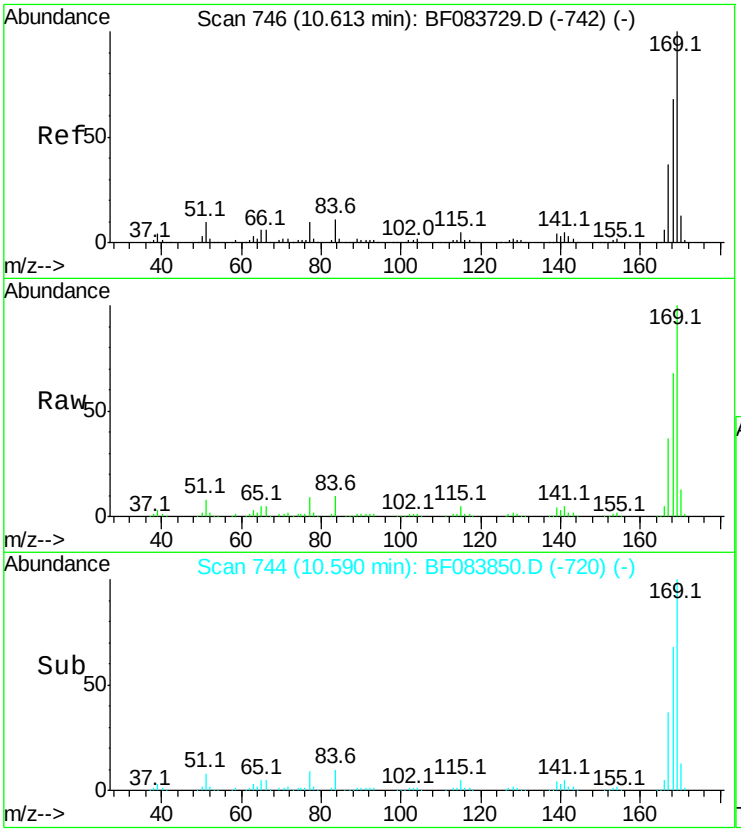


#64
4,6-Dinitro-2-methylphenol
Concen: 33.00 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:198 Resp: 65887

Ion	Ratio	Lower	Upper
198	100		
51	61.1	53.8	93.8
105	59.6	38.6	78.6

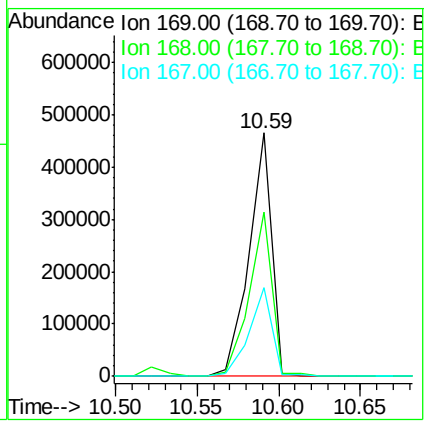




#65
n-Nitrosodiphenylamine
Concen: 37.33 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:169 Resp: 447988

Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.0	79.6
167	36.7	29.3	43.9



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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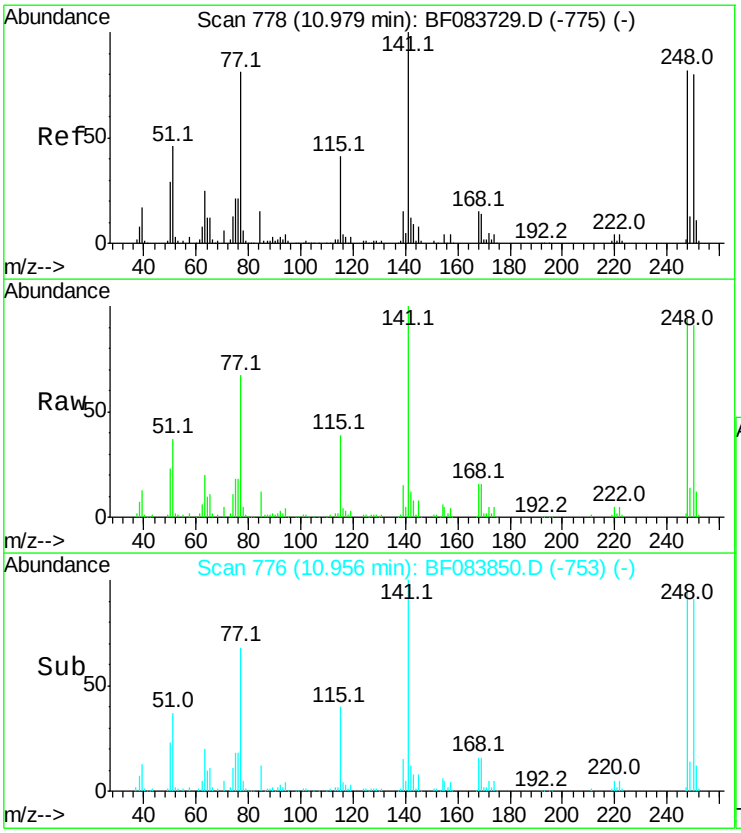
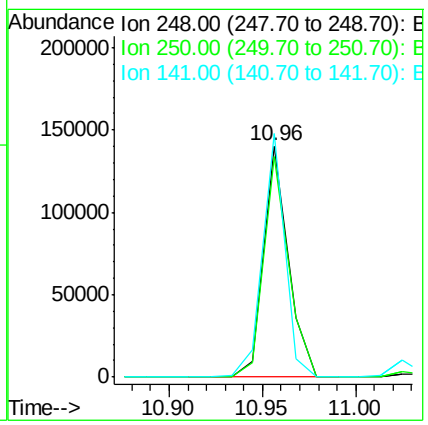
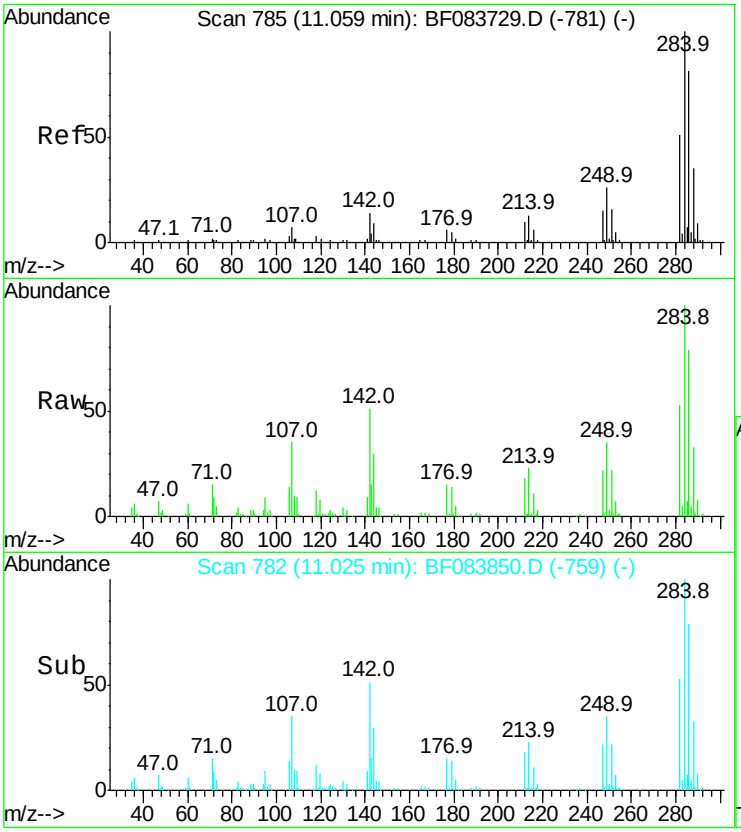


#66
4-Bromophenyl-phenylether
Concen: 32.55 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:248 Resp: 127696

Ion	Ratio	Lower	Upper
248	100		
250	95.7	79.2	118.8
141	105.5	58.2	87.4#

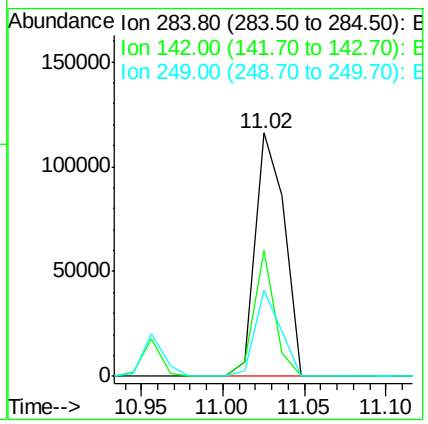




#67
Hexachlorobenzene
Concen: 33.93 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:284 Resp: 144027

Ion	Ratio	Lower	Upper
284	100		
142	51.5	31.0	46.4#
249	35.2	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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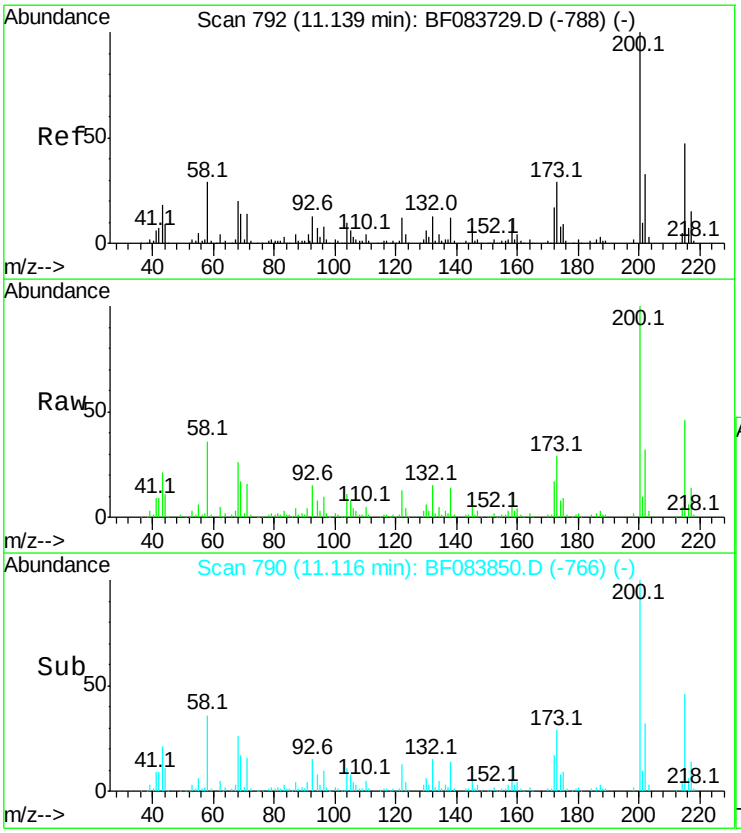
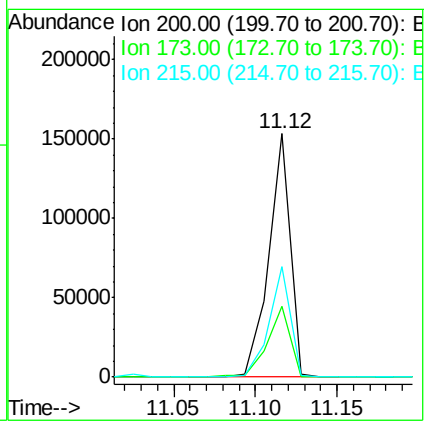
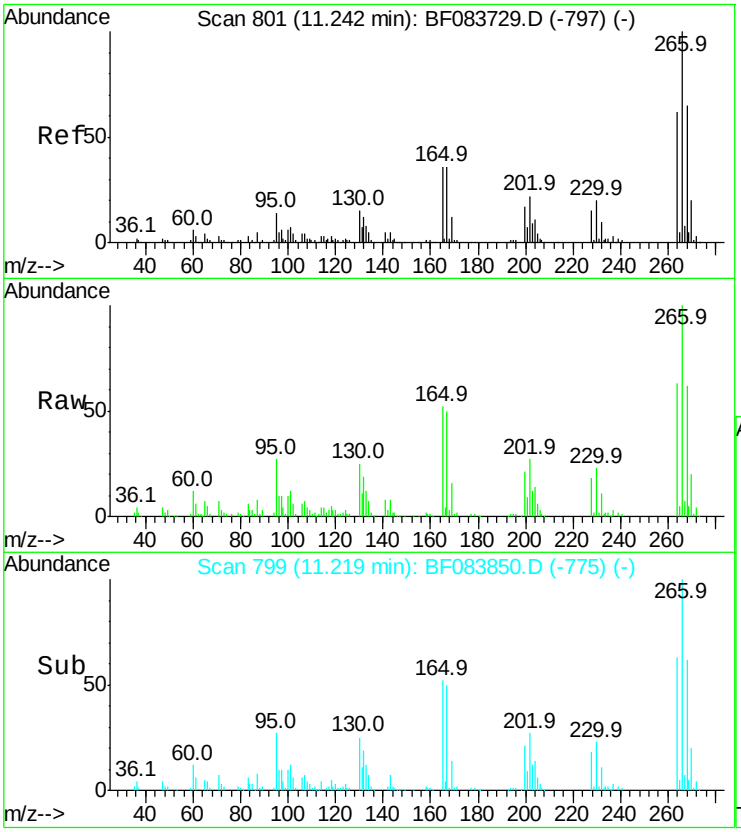


#68
Atrazine
Concen: 41.32 ng
RT: 11.12 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:200 Resp: 141077

Ion	Ratio	Lower	Upper
200	100		
173	29.0	7.8	47.8
215	45.6	25.7	65.7

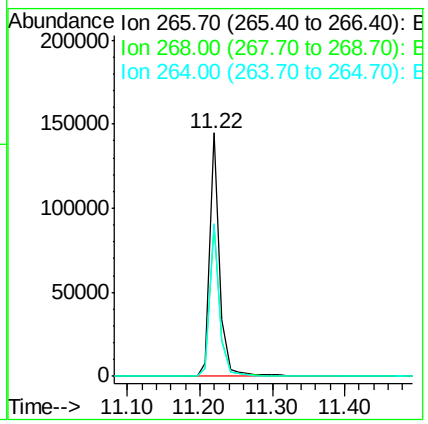




#69
Pentachlorophenol
Concen: 57.03 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:266 Resp: 136558

Ion	Ratio	Lower	Upper
266	100		
268	62.4	50.2	75.2
264	63.0	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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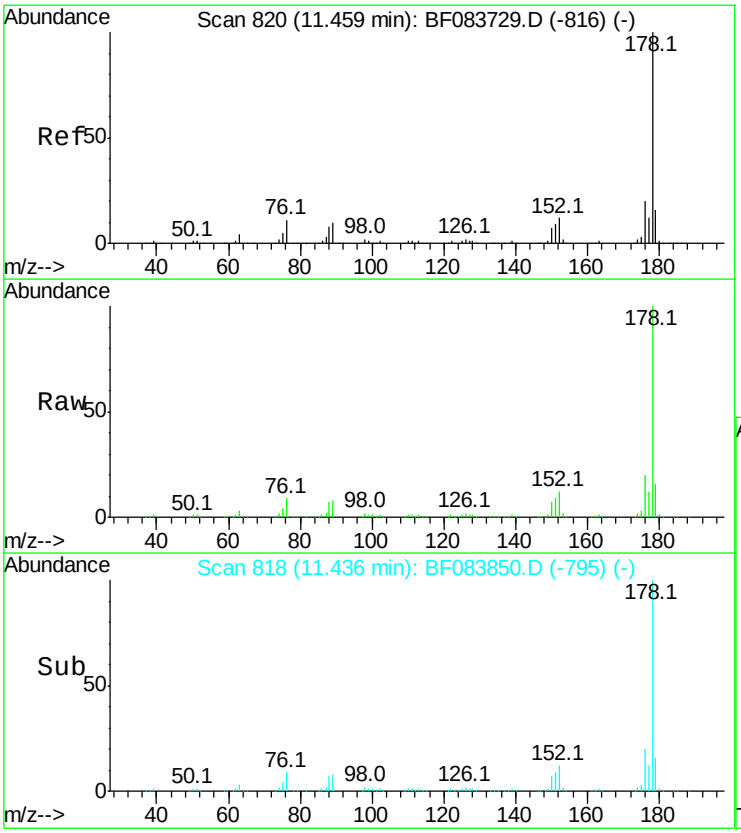
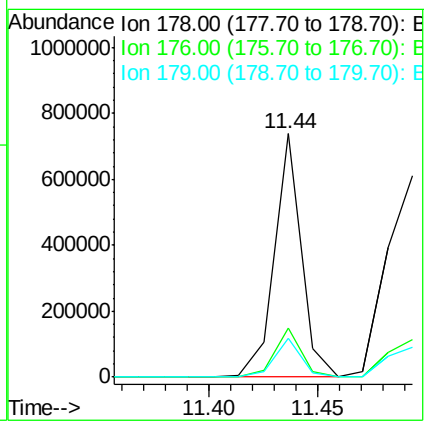
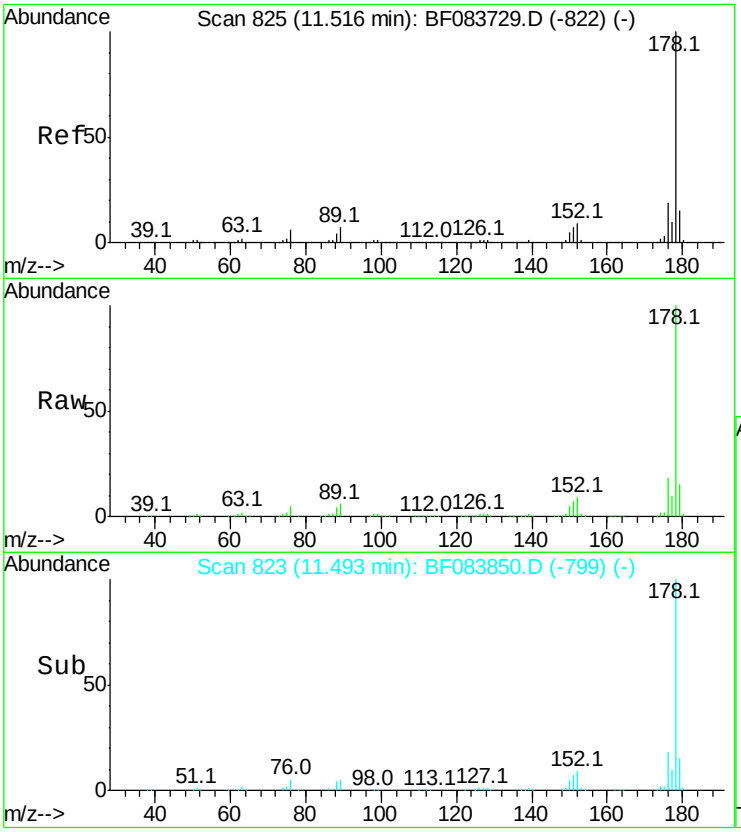


#70
Phenanthrene
Concen: 34.47 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:178 Resp: 642446

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.0	12.2	18.4

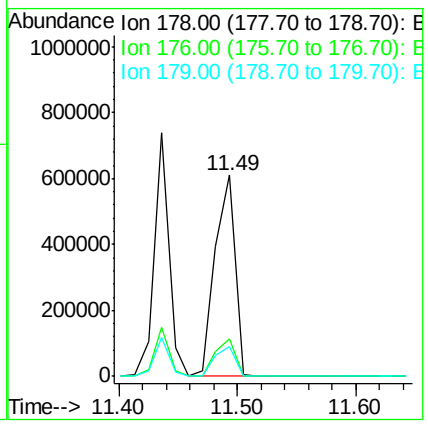




#71
Anthracene
Concen: 36.47 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:178 Resp: 706009

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	15.0	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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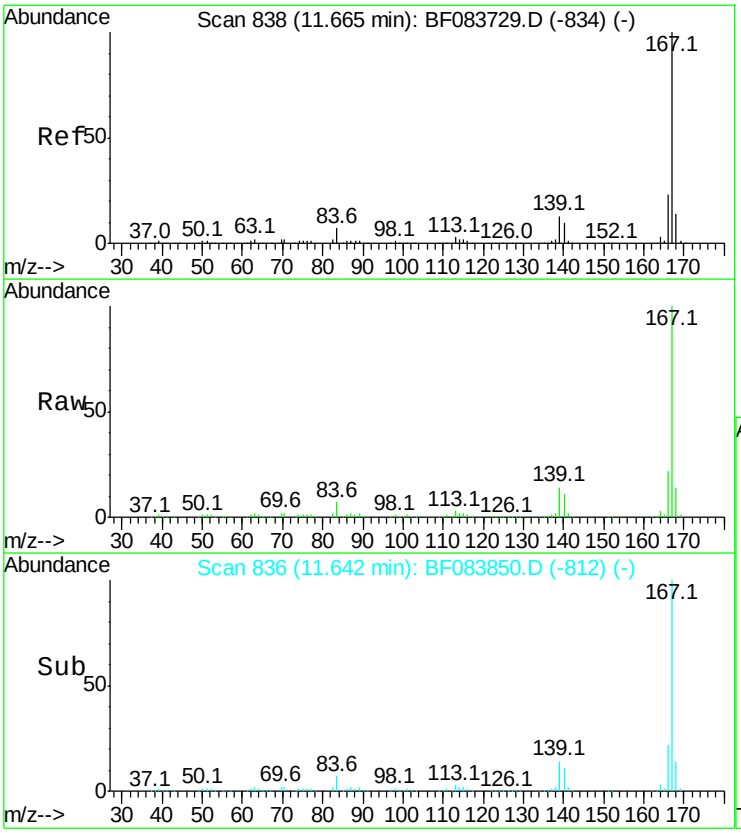
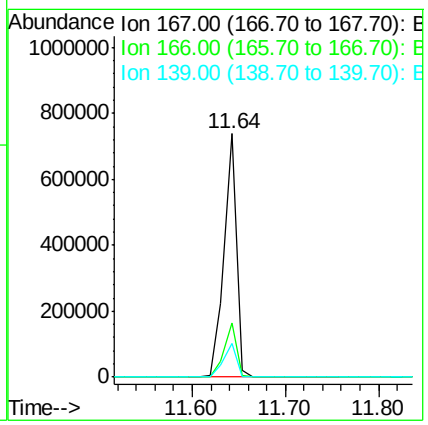
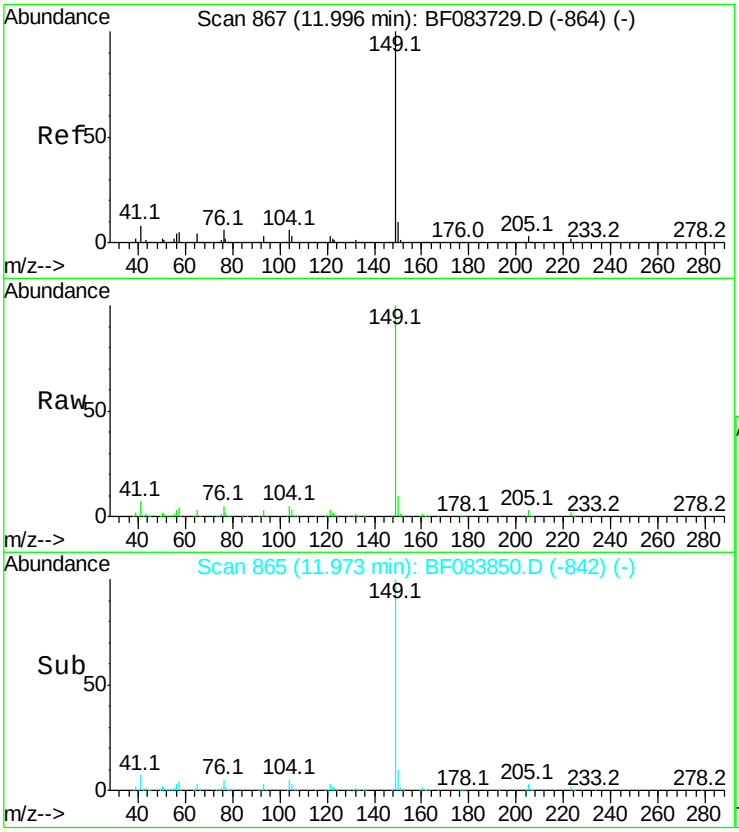


#72
Carbazole
Concen: 37.77 ng
RT: 11.64 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:167 Resp: 681312

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.2	25.8
139	13.7	9.3	13.9

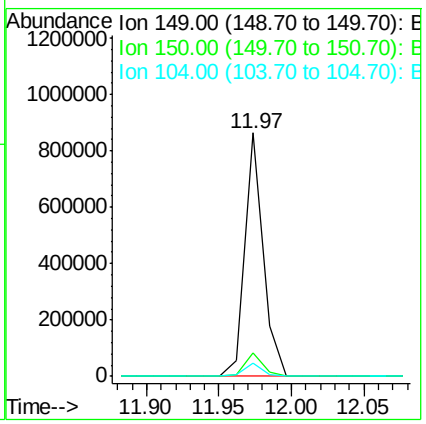




#73
Di-n-butylphthalate
Concen: 34.50 ng
RT: 11.97 min Scan# 865
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:149 Resp: 755767

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.3	3.9	5.9



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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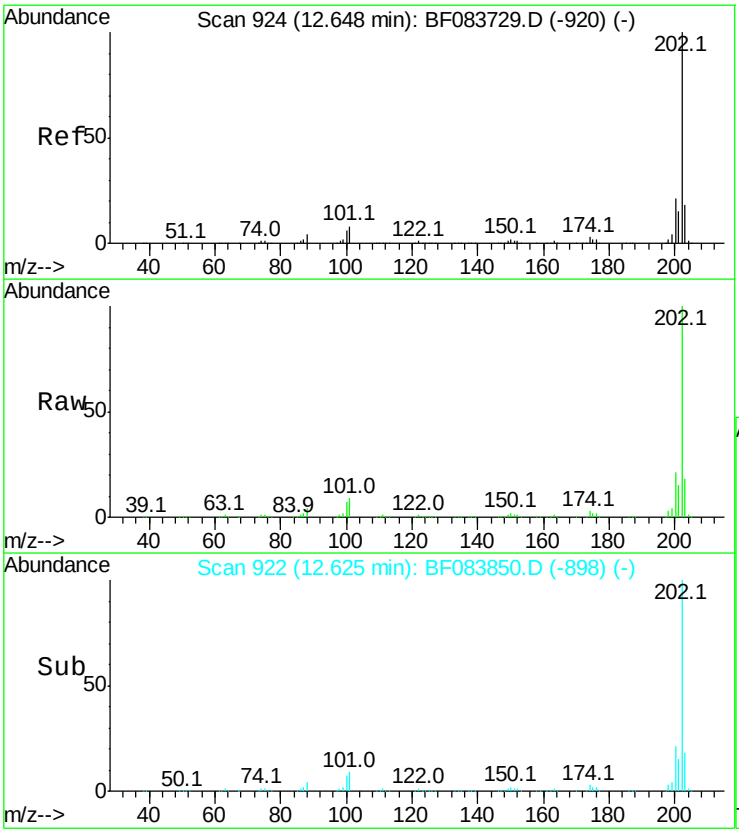
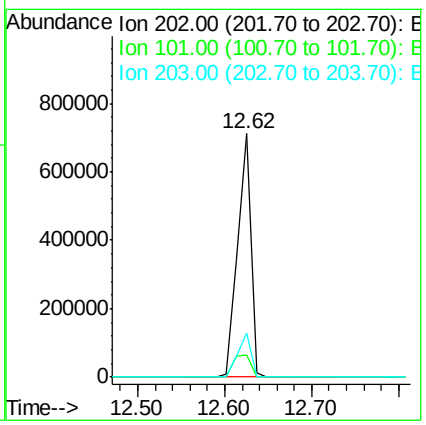
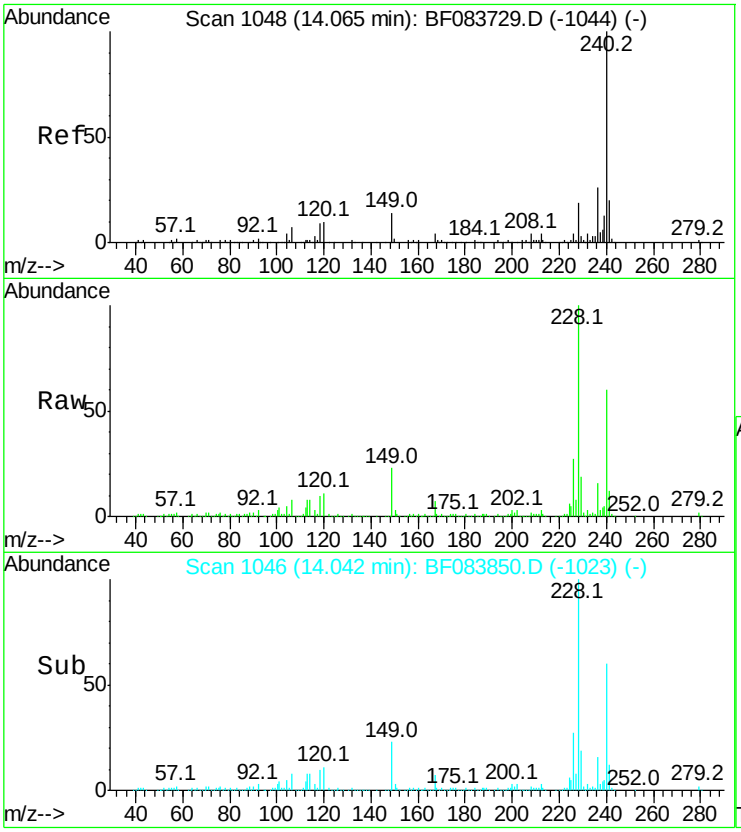


#74
Fluoranthene
Concen: 38.40 ng
RT: 12.62 min Scan# 922
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:202 Resp: 739518

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	31.5
203	17.9	0.0	37.6

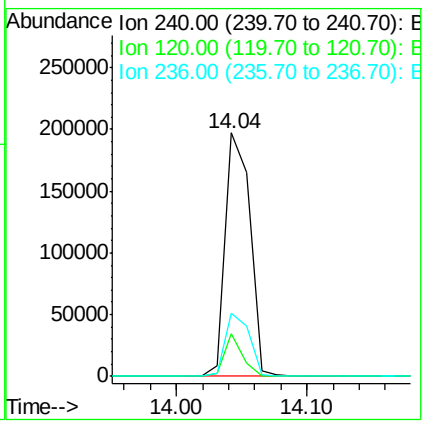




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:240 Resp: 259202

Ion	Ratio	Lower	Upper
240	100		
120	17.7	8.1	12.1#
236	26.0	20.8	31.2



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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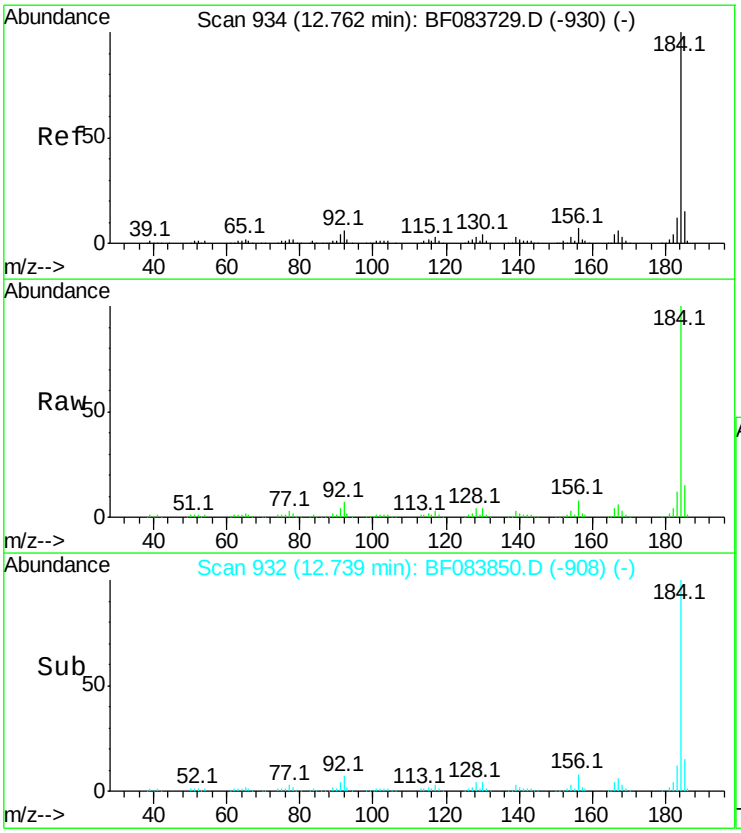
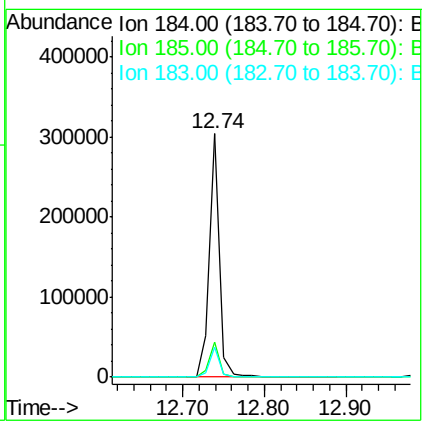
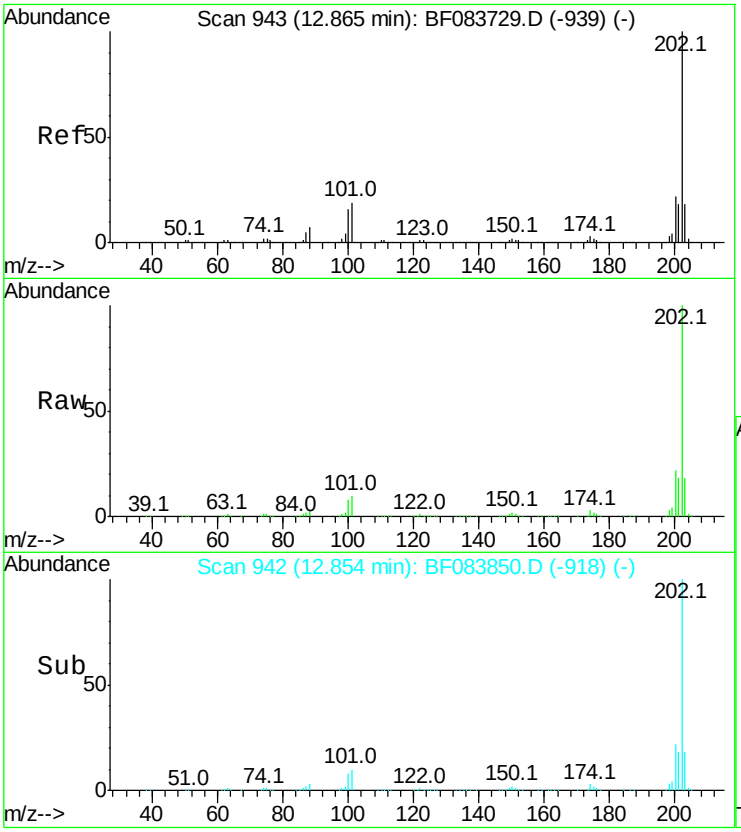


#76
Benzidine
Concen: 34.05 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:184 Resp: 268969

Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.0	19.6
183	12.0	9.0	13.4

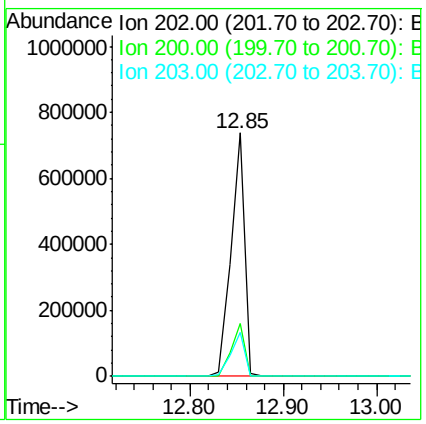




#77
Pyrene
Concen: 36.97 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:202 Resp: 757425

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.7	25.1
203	17.9	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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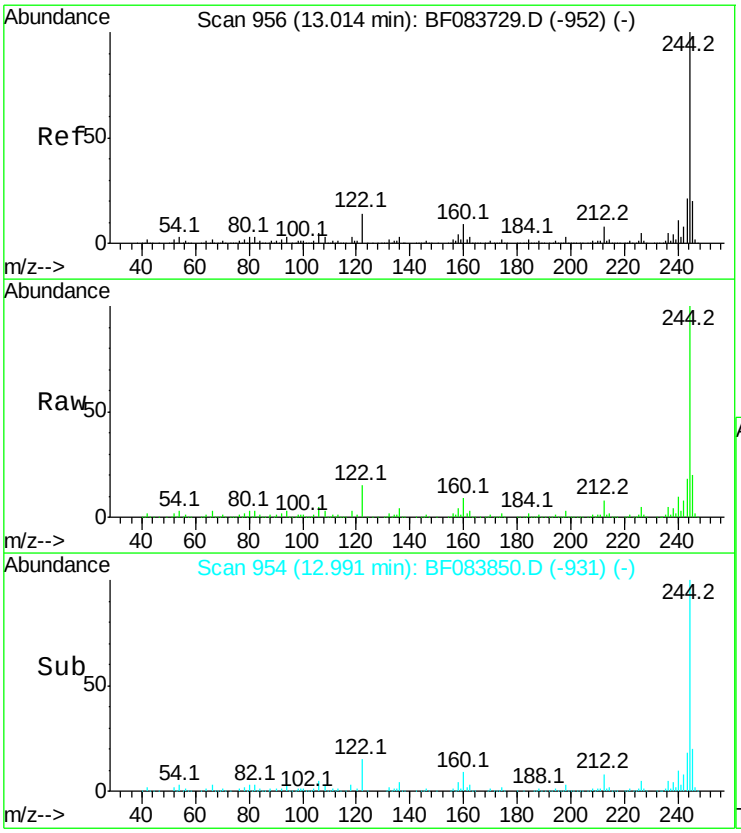
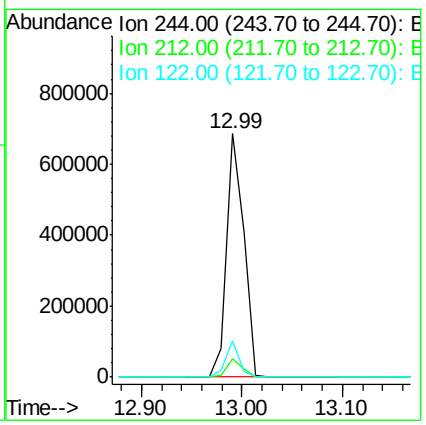
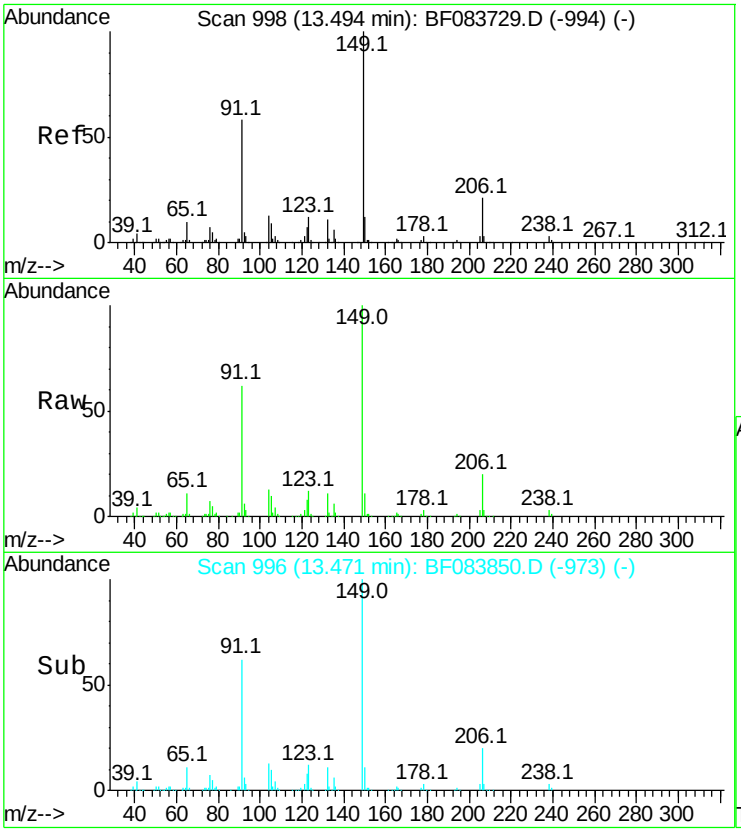


#78
Terphenyl-d14
Concen: 67.32 ng
RT: 12.99 min Scan# 954
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:244 Resp: 811214

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	14.8	11.0	16.6

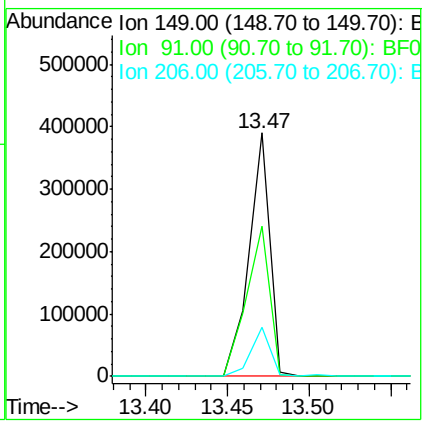




#79
Butylbenzylphthalate
Concen: 39.44 ng
RT: 13.47 min Scan# 996
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:149 Resp: 346813

Ion	Ratio	Lower	Upper
149	100		
91	61.5	60.0	90.0
206	20.2	16.2	24.4



Instrument :
BNA_F
ClientSampleId :
PB87334BS

Manual Integrations APPROVED
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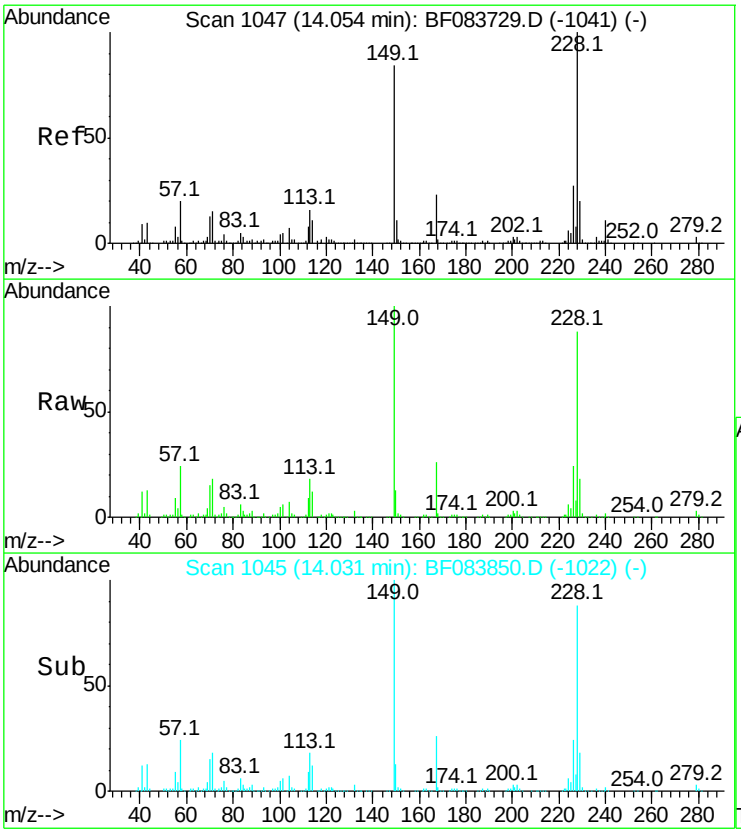
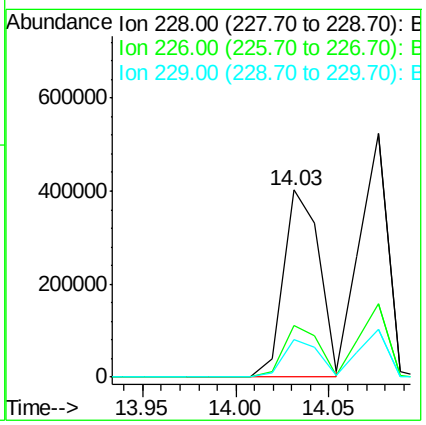
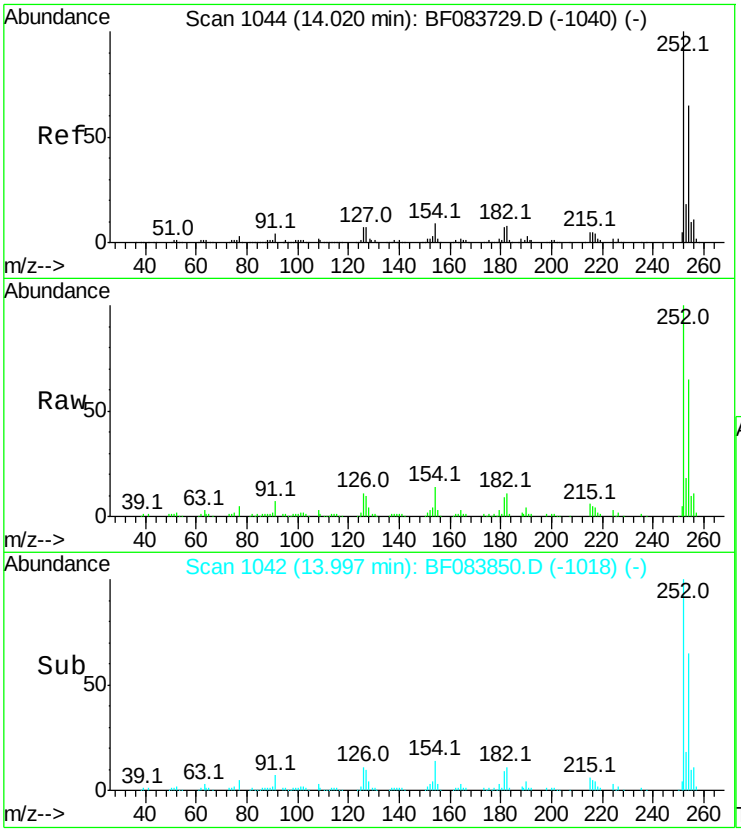


#80
Benzo(a)anthracene
Concen: 36.58 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:228 Resp: 539172

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	20.4	15.7	23.5

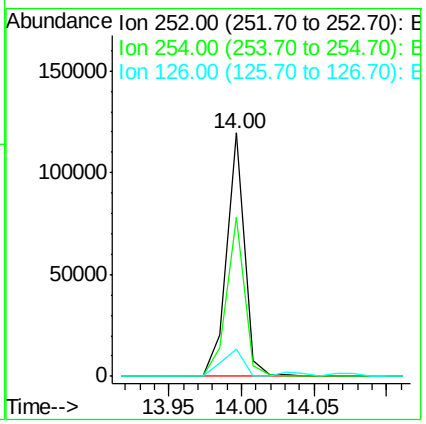




#81
3,3'-Dichlorobenzidine
Concen: 19.31 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:252 Resp: 102681

Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.6	76.0
126	11.0	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
PB87334BS

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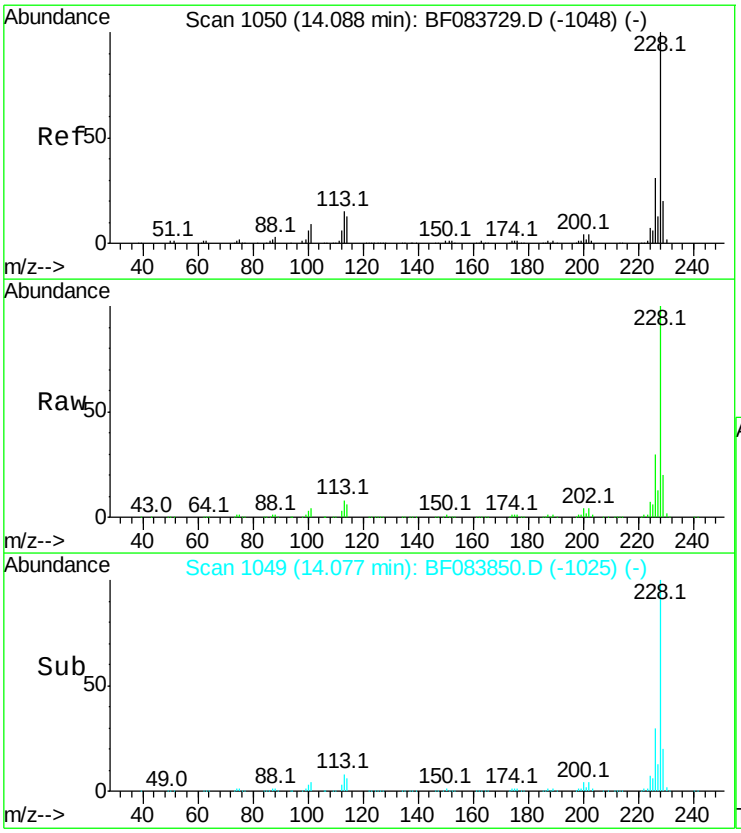
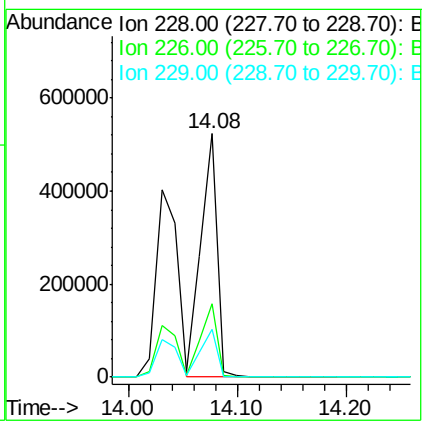
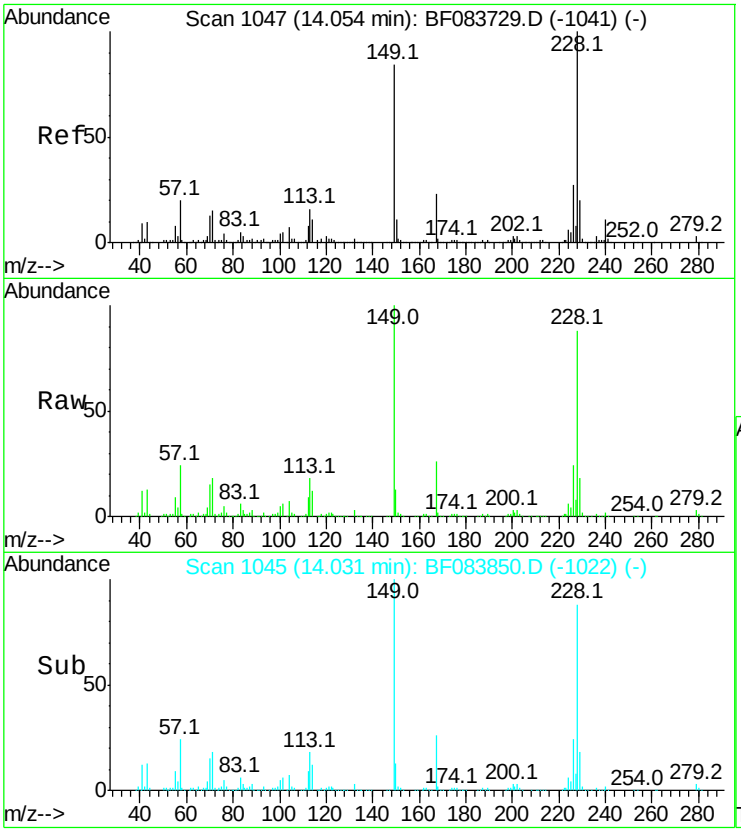


#82
Chrysene
Concen: 38.28 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:228 Resp: 550372

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	19.5	16.3	24.5





#83
Bis(2-ethylhexyl)phthalate
Concen: 39.70 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:149 Resp: 397318

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.8	32.8
279	2.9	3.0	4.4#

Instrument :
BNA_F
ClientSampleId :
PB87334BS

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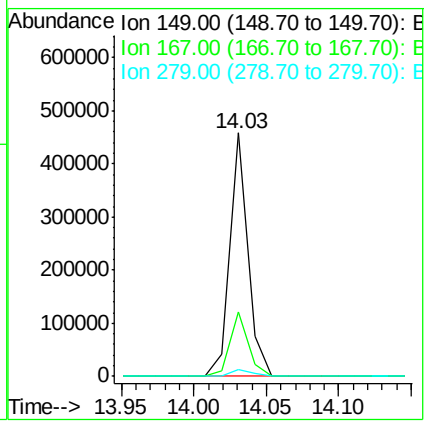
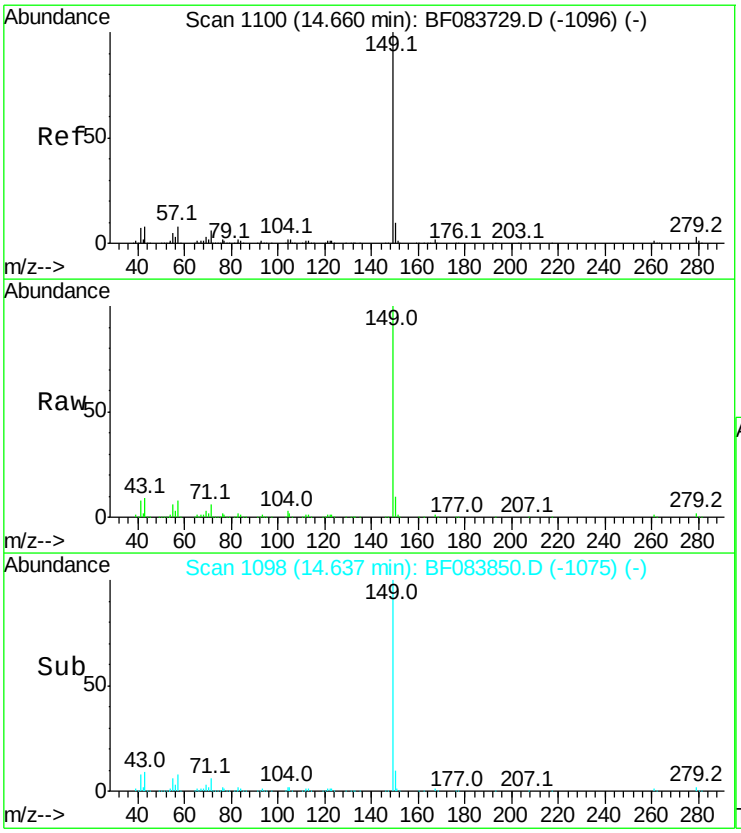
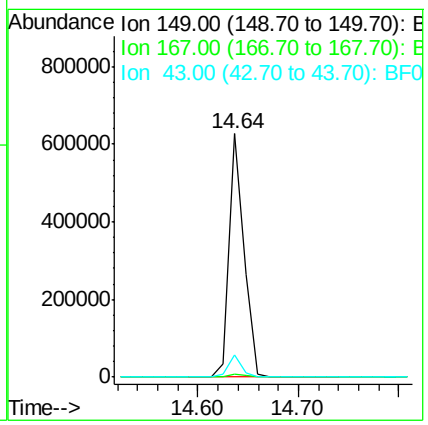


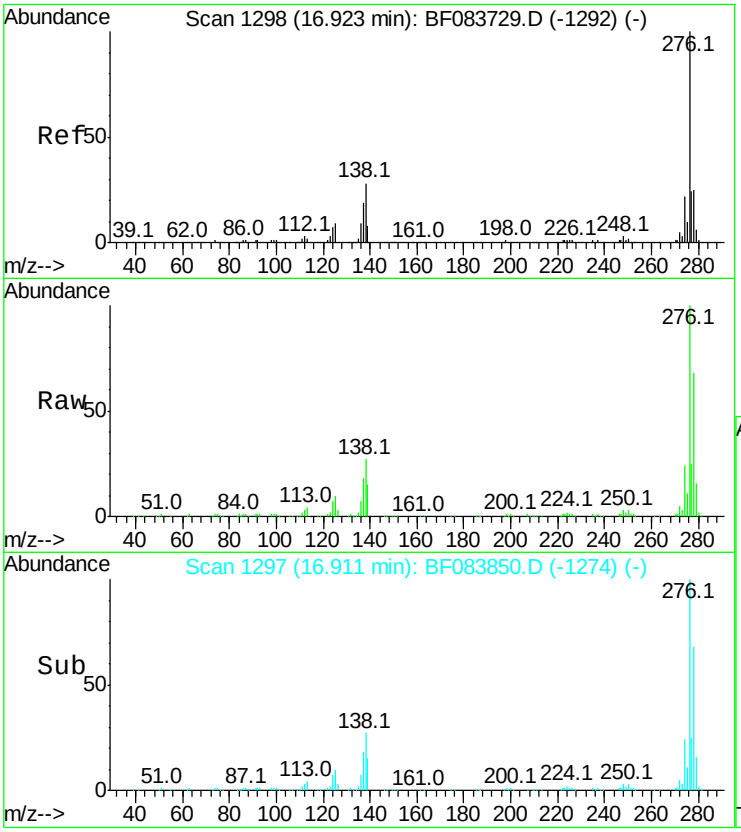


#84
Di-n-octyl phthalate
Concen: 40.32 ng
RT: 14.64 min Scan# 1098
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:149 Resp: 641176

Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	8.0	0.0	0.0#





#85
Indeno(1,2,3-cd)pyrene
Concen: 31.26 ng
RT: 16.91 min Scan# 1297
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:276 Resp: 441343

Ion	Ratio	Lower	Upper
276	100		
138	28.1	0.0	0.0#
277	25.1	0.0	0.0#

Instrument :
BNA_F
ClientSampleId :
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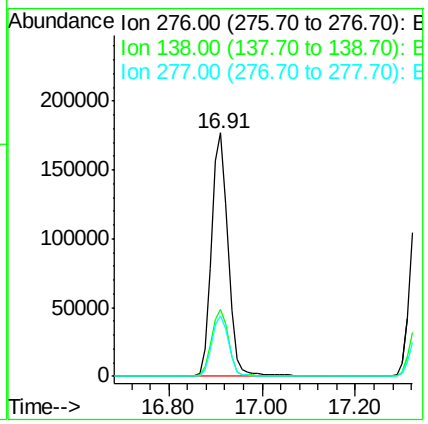
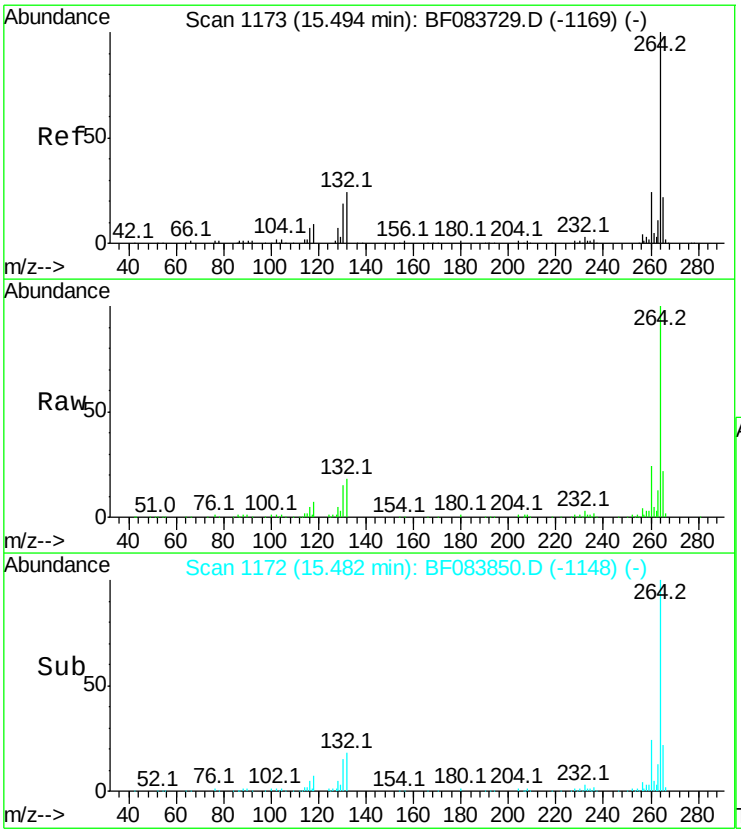
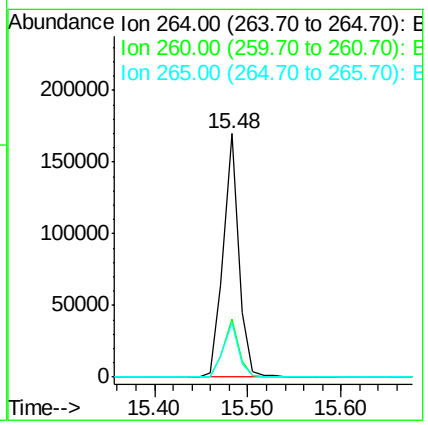


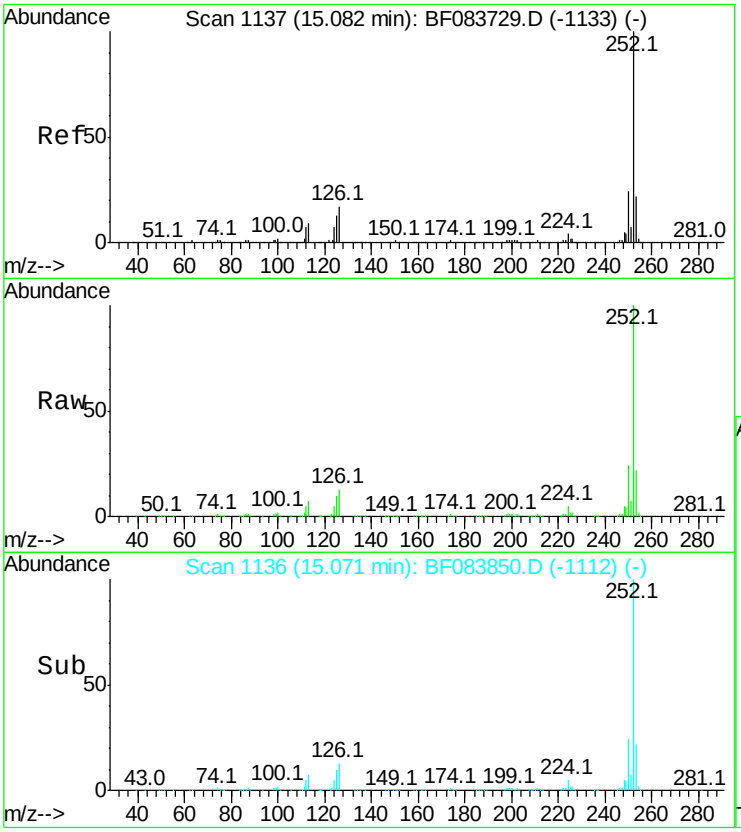


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:264 Resp: 198575

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	22.0	17.8	26.6

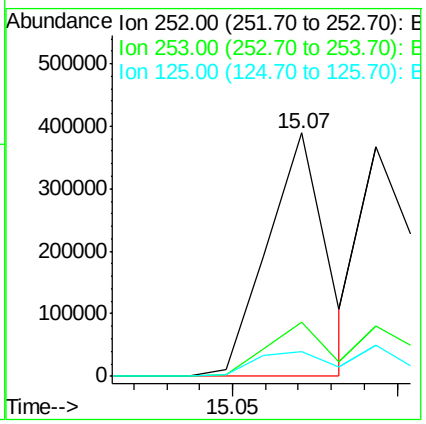




#87
Benzo(b)fluoranthene
Concen: 37.83 ng m
RT: 15.07 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:252 Resp: 479284

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	10.3	8.2	12.4



Instrument :
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ClientSampleId :
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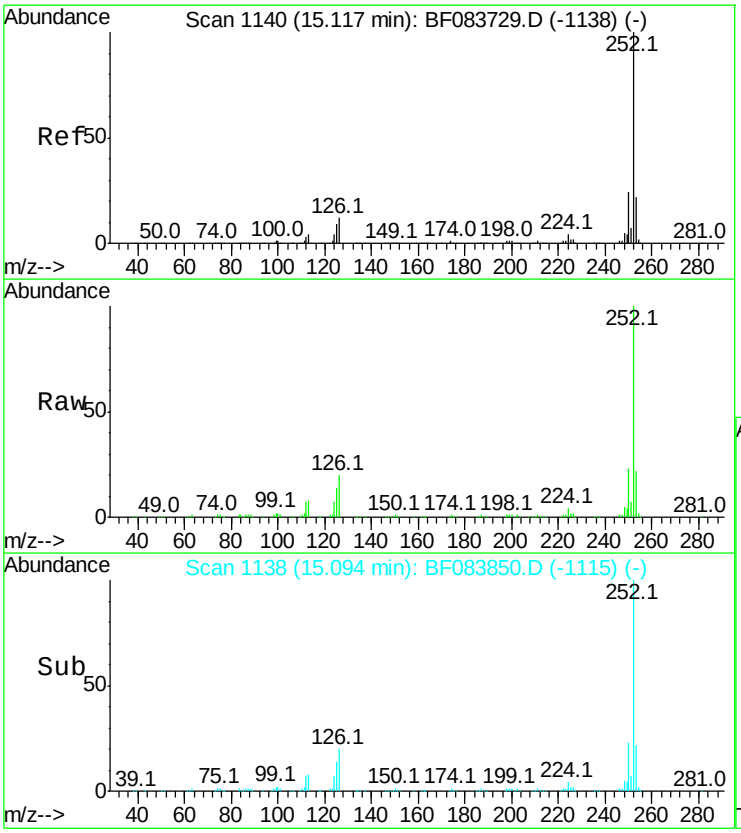
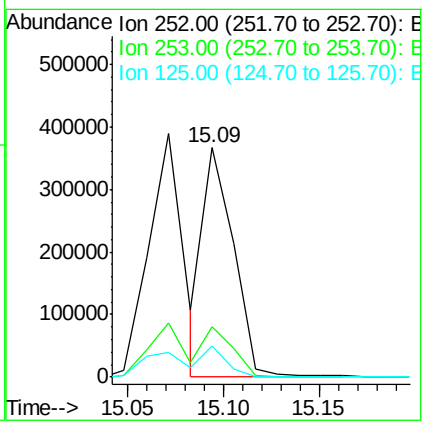
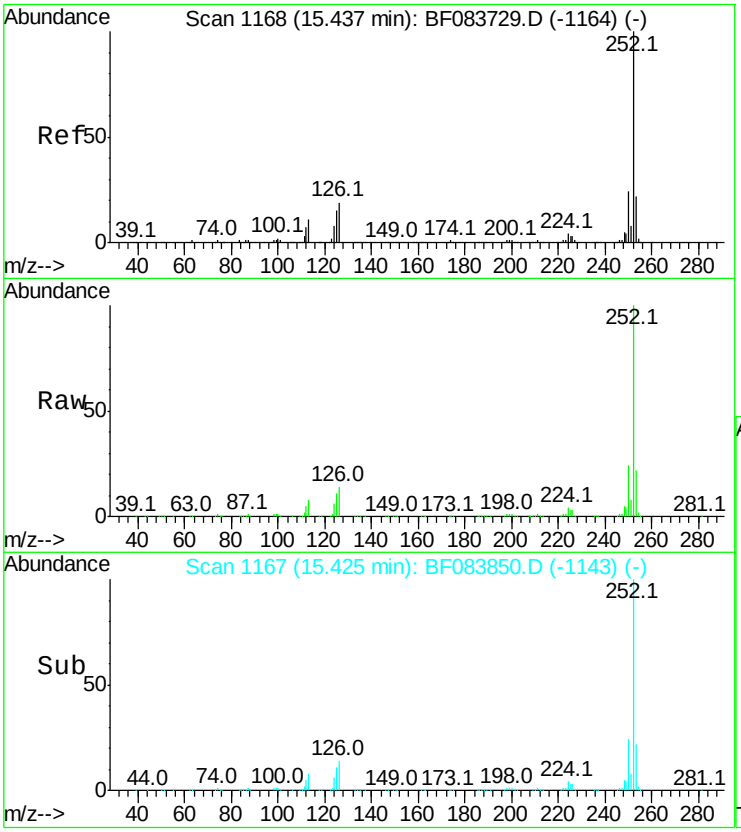


#88
Benzo(k)fluoranthene
Concen: 36.08 ng m
RT: 15.09 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:252 Resp: 414167

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	27.8
125	13.7	11.5	17.3





#89
Benzo(a)pyrene
Concen: 37.24 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:252 Resp: 420985

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.7	11.0	16.6#

Instrument :
BNA_F
ClientSampleId :
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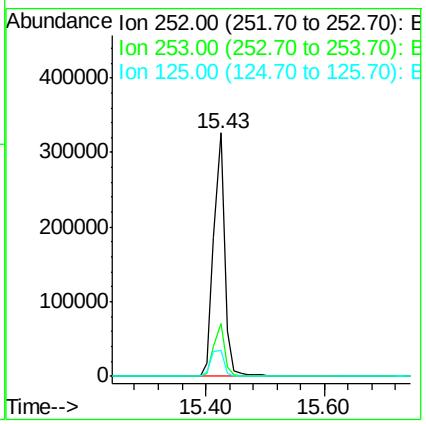
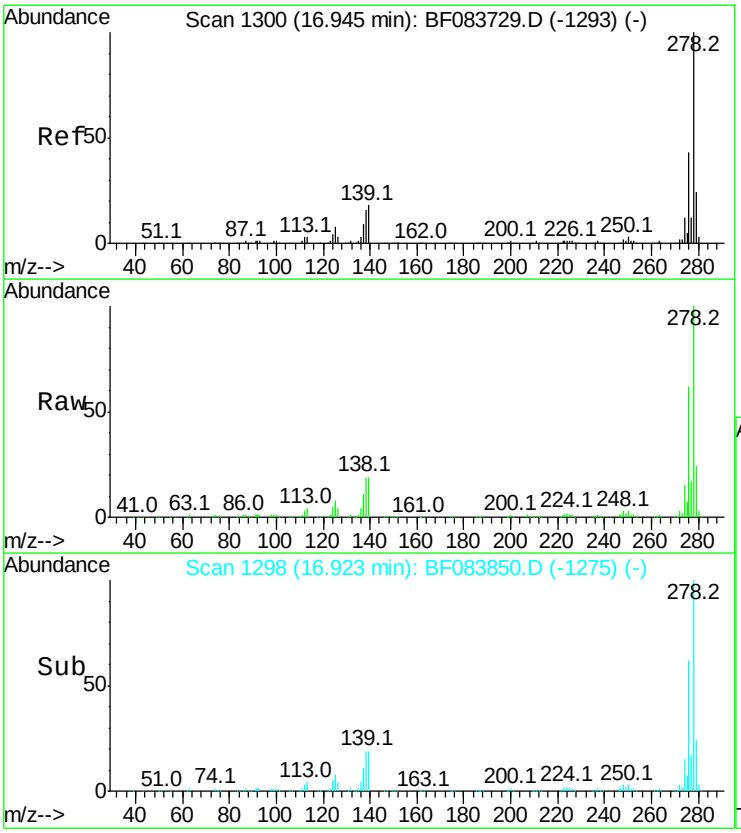
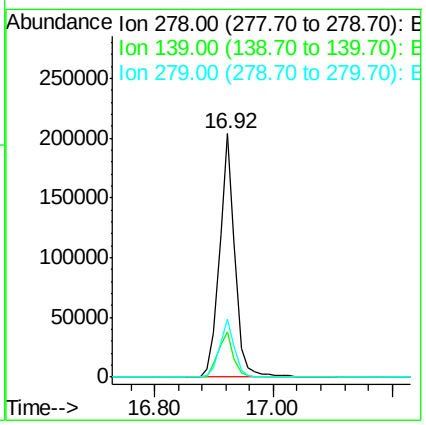


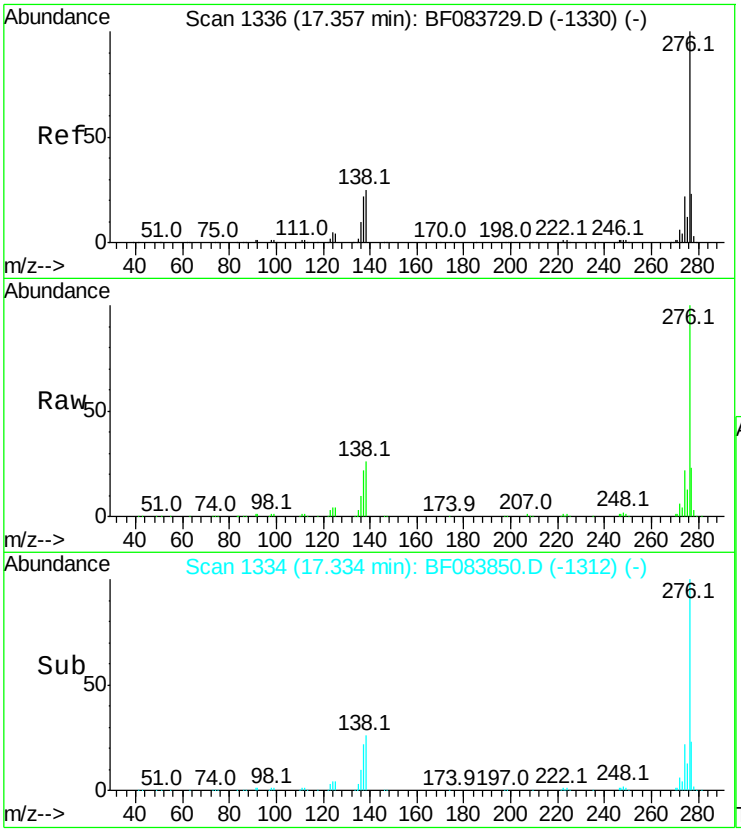


#90
Dibenzo(a,h)anthracene
Concen: 32.45 ng
RT: 16.92 min Scan# 1298
Delta R.T. -0.03 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:278 Resp: 364824

Ion	Ratio	Lower	Upper
278	100		
139	18.8	12.8	19.2
279	23.9	18.6	28.0

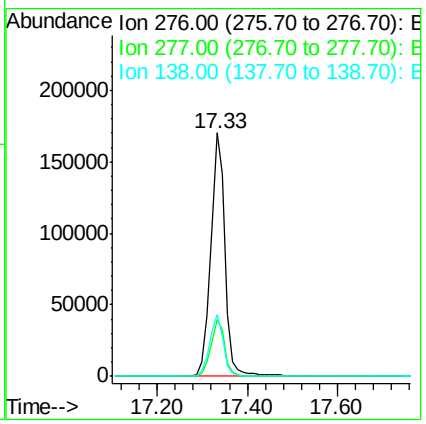




#91
Benzo(g,h,i)perylene
Concen: 32.38 ng
RT: 17.33 min Scan# 1334
Delta R.T. -0.05 min
Lab File: BF083850.D
Acq: 16 Dec 2015 16:09

Tgt Ion:276 Resp: 374114

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	25.6	19.5	29.3



Instrument :
BNA_F
ClientSampleId :
PB87334BS

Manual Integrations APPROVED
MMdadoda
12/17/2015 5:34:13 PM