Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087712.D
Acq On : 5 Jun 2016 17:20
Operator : UM/SJ
Sample : H3362-04MSD
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-JMW0991MSD

Manual Integrations APPROVED
SOHIL
6/6/2016 7:25:00 PM

Quant Time: Jun 06 04:05:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	156831	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	641010	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	319786	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	545218	20.00	ng		0.00
75) Chrysene-d12	14.02	240	406979	20.00	ng		0.00
86) Perylene-d12	15.45	264	334277	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	532260	54.86	ng		0.01
7) Phenol-d6	6.49	99	423523	34.80	ng		0.00
23) Nitrobenzene-d5	7.43	82	852384	76.94	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	310057	96.59	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1505601	67.83	ng		0.00
78) Terphenyl-d14	12.97	244	1107805	66.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	58419	12.46	ng	#	21
3) Pyridine	3.27	79	144638	11.67	ng		100
4) n-Nitrosodimethylamine	3.19	42	78017	14.91	ng		100
6) Aniline	6.52	93	272316	15.79	ng		99
8) 2-Chlorophenol	6.65	128	342346	30.66	ng	#	80
9) Benzaldehyde	6.40	77	33846	4.11	ng		86
10) Phenol	6.50	94	183930	13.27	ng		100
11) bis(2-Chloroethyl)ether	6.59	93	372635	37.01	ng		98
12) 1,3-Dichlorobenzene	6.80	146	404849	33.87	ng		100
13) 1,4-Dichlorobenzene	6.88	146	421005	35.10	ng		99
14) 1,2-Dichlorobenzene	7.04	146	394533	35.08	ng		99
15) Benzyl Alcohol	7.00	79	223966	24.91	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	559711	38.12	ng		97
17) 2-Methylphenol	7.12	107	231564	25.83	ng		98
18) Hexachloroethane	7.38	117	154304	36.79	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	312502	41.12	ng	#	87
20) 3+4-Methylphenols	7.28	107	247453	22.53	ng	#	35
22) Acetophenone	7.28	105	575117	39.61	ng		96
24) Nitrobenzene	7.45	77	474659	42.81	ng		93
25) Isophorone	7.69	82	796020	39.46	ng		99
26) 2-Nitrophenol	7.76	139	225444	43.76	ng		98
27) 2,4-Dimethylphenol	7.80	122	344413	32.26	ng		95
28) bis(2-Chloroethoxy)methane	7.91	93	548172	42.84	ng		98
29) 2,4-Dichlorophenol	8.01	162	340439	38.82	ng		89
30) 1,2,4-Trichlorobenzene	8.09	180	351532	38.28	ng		99
31) Naphthalene	8.17	128	1147883	36.83	ng		100
32) Benzoic acid	7.88	122	64667	10.04	ng		98
33) 4-Chloroaniline	8.22	127	233235	17.23	ng		98
34) Hexachlorobutadiene	8.30	225	181648	38.05	ng		99
35) Caprolactam	8.59	113	16543	5.74	ng	#	84
36) 4-Chloro-3-methylphenol	8.70	107	316122	34.85	ng		100
37) 2-Methylnaphthalene	8.87	142	838785	40.75	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	297584	33.77	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	323738	62.45	ng		99

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Instrument :
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Manual Integrations APPROVED
SOHIL
6/6/2016 7:25:00 PM

Quant Time: Jun 06 04:05:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	253772	38.13	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	206423	33.33	ng	#	91
45) 1,1'-Biphenyl	9.32	154	935503	36.05	ng		99
46) 2-Chloronaphthalene	9.35	162	759138	36.75	ng		99
47) 2-Nitroaniline	9.45	65	264289	45.43	ng	#	76
48) Acenaphthylene	9.77	152	1258791	39.07	ng		99
49) Dimethylphthalate	9.63	163	838396	36.06	ng		99
50) 2,6-Dinitrotoluene	9.69	165	191086	36.13	ng	#	64
51) Acenaphthene	9.94	154	844751	40.75	ng		99
52) 3-Nitroaniline	9.86	138	131481	21.73	ng	#	72
53) 2,4-Dinitrophenol	9.96	184	196759	81.87	ng		90
54) Dibenzofuran	10.11	168	1092688	38.72	ng		91
55) 4-Nitrophenol	10.01	139	113732	21.99	ng		94
56) 2,4-Dinitrotoluene	10.09	165	255967	38.00	ng	#	63
57) Fluorene	10.46	166	831945	37.71	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	206105	38.63	ng	#	53
59) Diethylphthalate	10.33	149	822662	35.23	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	307762	32.48	ng		96
61) 4-Nitroaniline	10.48	138	222031	38.17	ng		95
62) Azobenzene	10.60	77	870316	37.03	ng		98
64) 4,6-Dinitro-2-methylphenol	10.50	198	142203	46.97	ng	#	71
65) n-Nitrosodiphenylamine	10.57	169	778893	43.62	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	233005	43.10	ng	#	93
67) Hexachlorobenzene	10.99	284	241869	40.01	ng		93
68) Atrazine	11.10	200	204012	38.57	ng		92
69) Pentachlorophenol	11.19	266	245321	68.29	ng		98
70) Phenanthrene	11.42	178	1237857	41.87	ng		99
71) Anthracene	11.46	178	1043050	35.21	ng		100
72) Carbazole	11.62	167	1220218	43.52	ng		98
73) Di-n-butylphthalate	11.95	149	1209304	40.23	ng		99
74) Fluoranthene	12.59	202	1060964	36.47	ng		98
76) Benzidine	12.72	184	240542	14.99	ng		98
77) Pyrene	12.82	202	1079126	37.24	ng		99
79) Butylbenzylphthalate	13.45	149	582118	47.20	ng		96
80) Benzo(a)anthracene	14.01	228	814799	34.69	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	178391	26.92	ng	#	98
82) Chrysene	14.05	228	800308	34.23	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	616385	41.99	ng	#	98
84) Di-n-octyl phthalate	14.62	149	1064156	39.00	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	824965	42.69	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	808713	37.19	ng	#	97
88) Benzo(k)fluoranthene	15.06	252	743004m	41.07	ng		
89) Benzo(a)pyrene	15.39	252	760985	41.63	ng	#	94
90) Dibenzo(a,h)anthracene	16.87	278	681538	43.81	ng		98
91) Benzo(g,h,i)perylene	17.27	276	695584	44.32	ng		99

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

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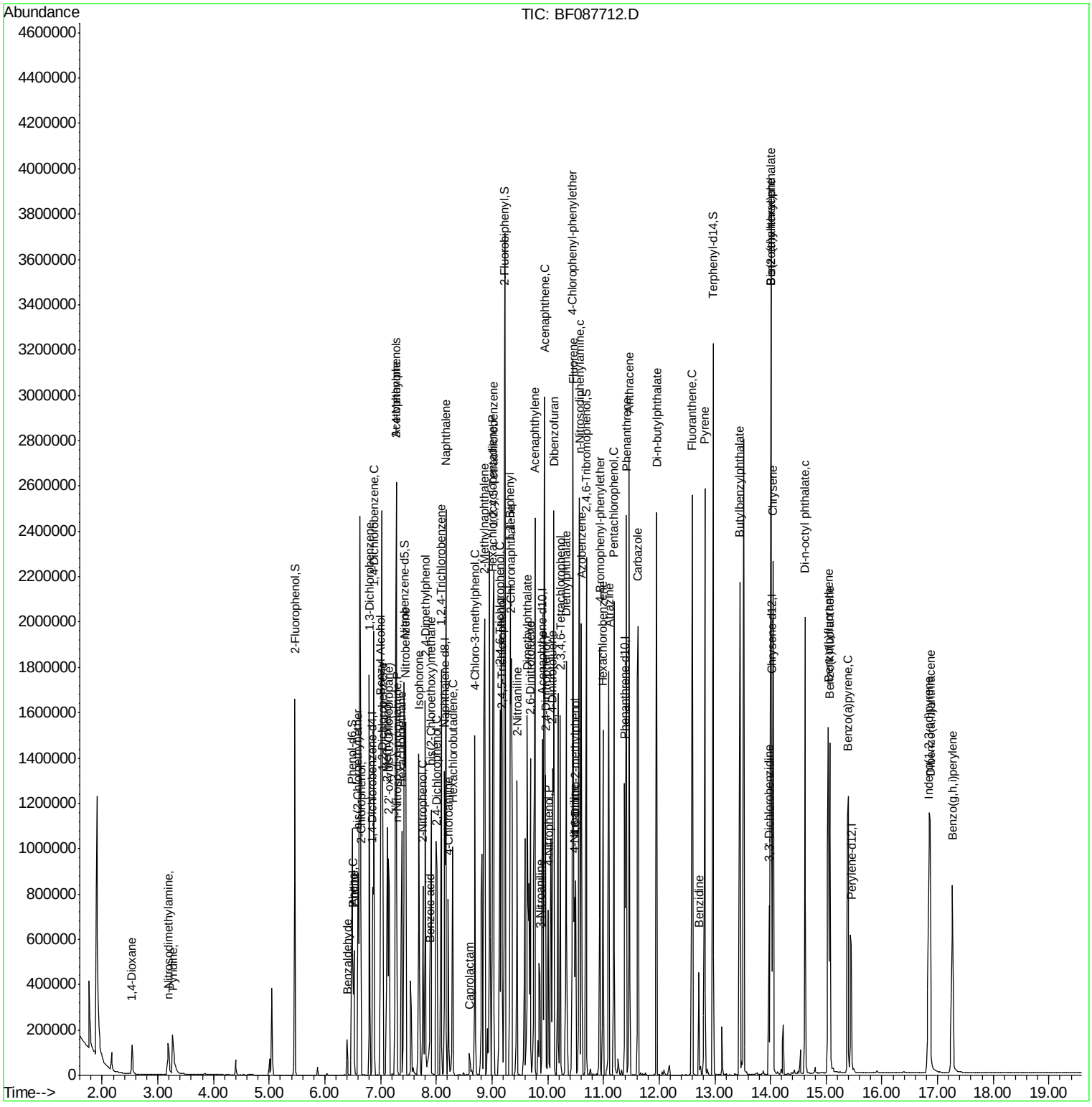
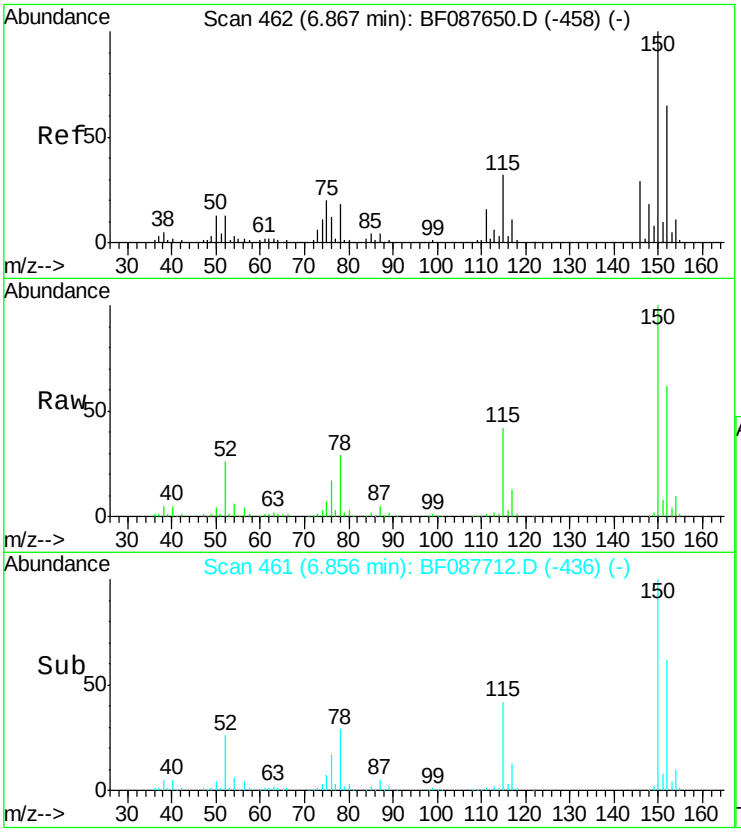
6/6/2016 7:25:00 PM

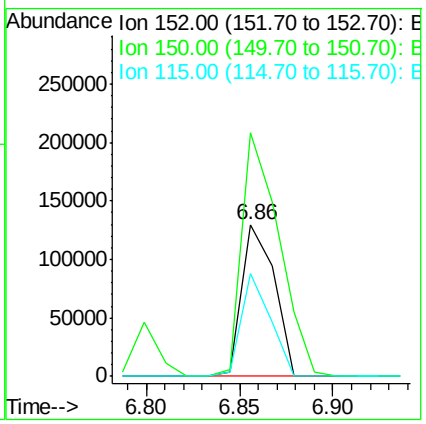




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:152 Resp: 156831

Ion	Ratio	Lower	Upper
152	100		
150	160.2	123.8	185.6
115	68.0	39.6	59.4#



Instrument :
BNA_F
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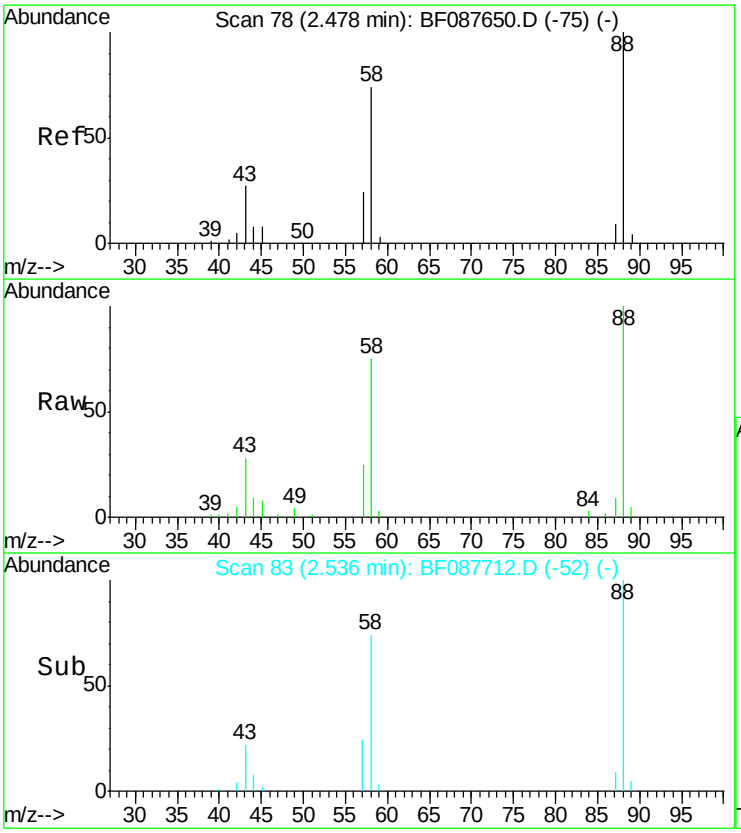
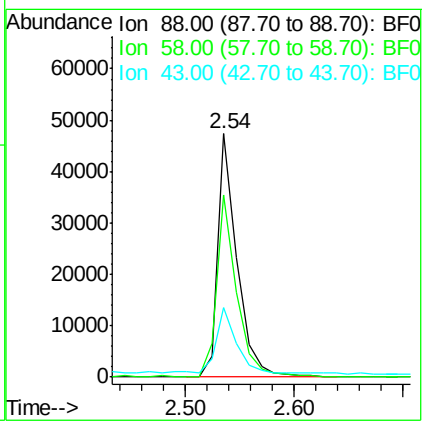
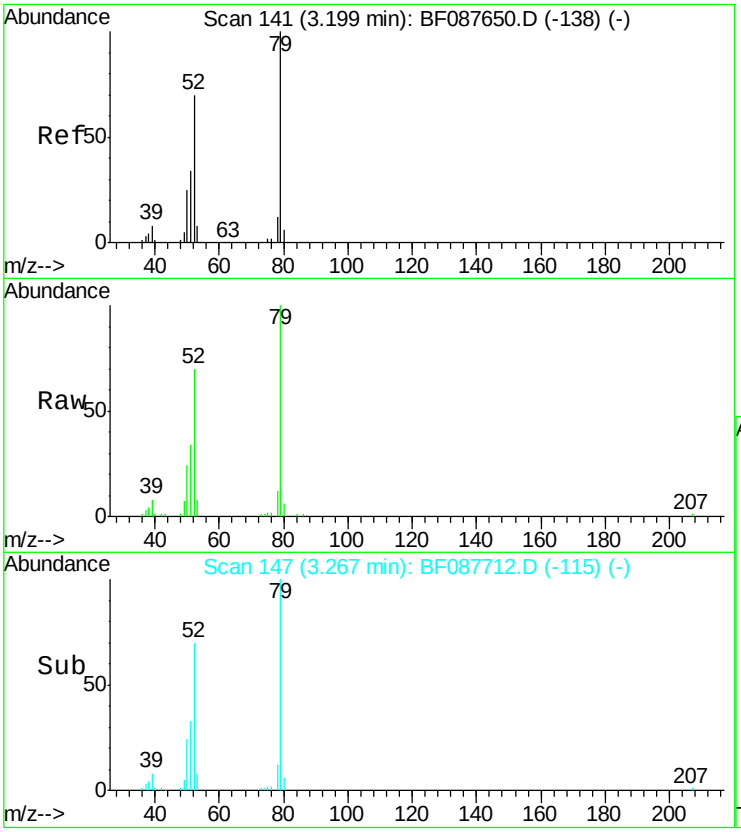


#2
1,4-Dioxane
Concen: 12.46 ng
RT: 2.54 min Scan# 83
Delta R.T. 0.06 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion: 88 Resp: 58419

Ion	Ratio	Lower	Upper
88	100		
58	78.6	0.0	0.0#
43	30.3	3.4	5.2#

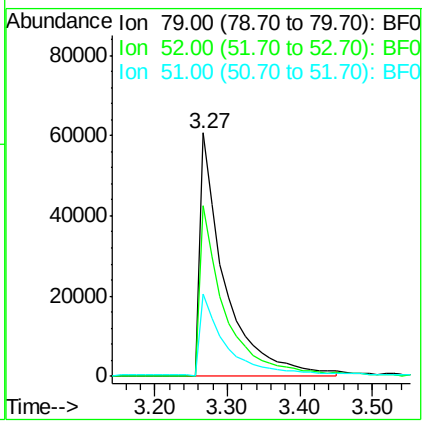




#3
Pyridine
Concen: 11.67 ng
RT: 3.27 min Scan# 147
Delta R.T. 0.07 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion: 79 Resp: 144638

Ion	Ratio	Lower	Upper
79	100		
52	70.0	56.3	84.5
51	34.0	27.4	41.2



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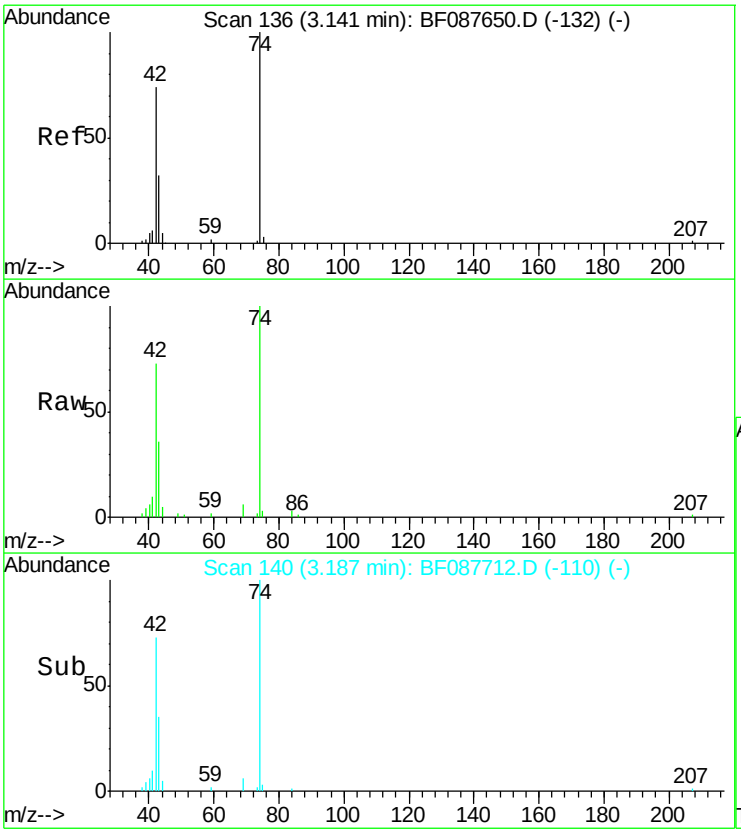
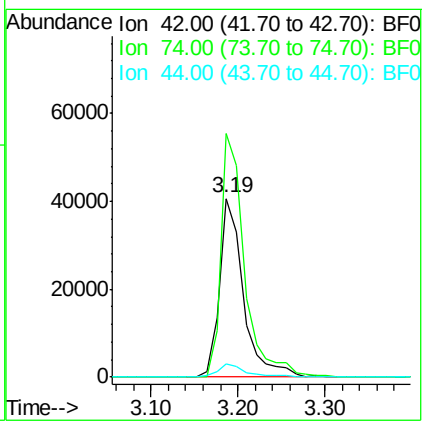
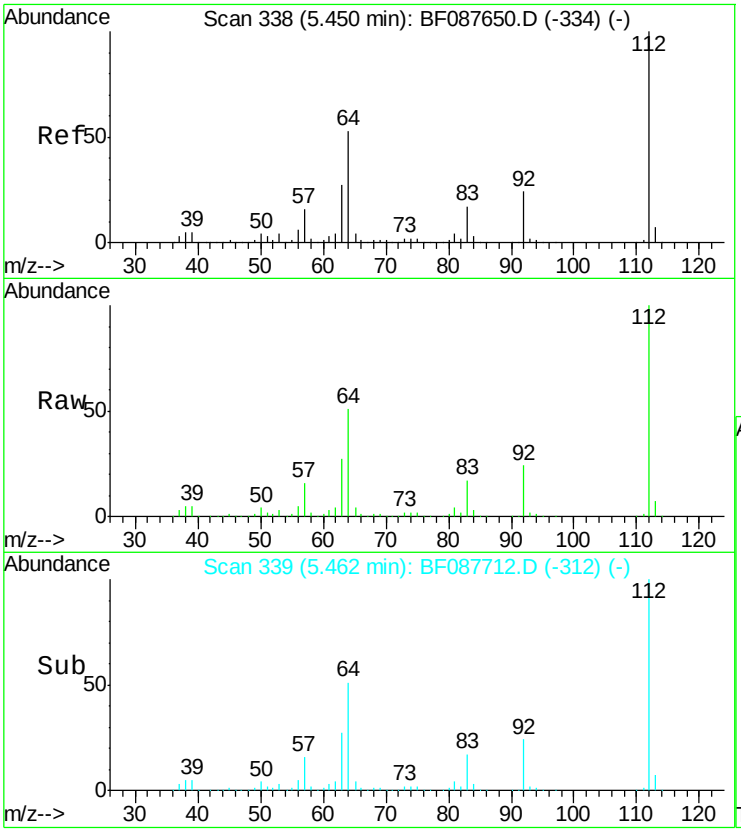


#4
n-Nitrosodimethylamine
Concen: 14.91 ng
RT: 3.19 min Scan# 140
Delta R.T. 0.05 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion: 42 Resp: 78017

Ion	Ratio	Lower	Upper
42	100		
74	136.3	108.6	163.0
44	7.4	5.5	8.3

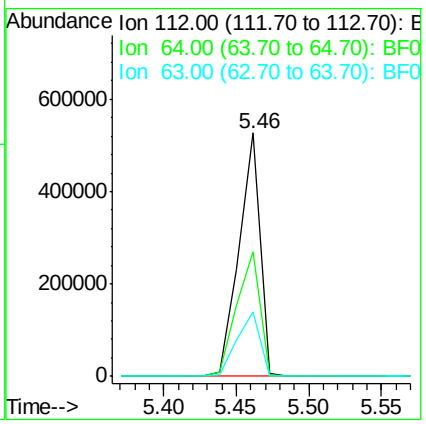




#5
2-Fluorophenol
Concen: 54.86 ng
RT: 5.46 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:112 Resp: 532260

Ion	Ratio	Lower	Upper
112	100		
64	51.2	42.2	63.2
63	26.7	21.8	32.8



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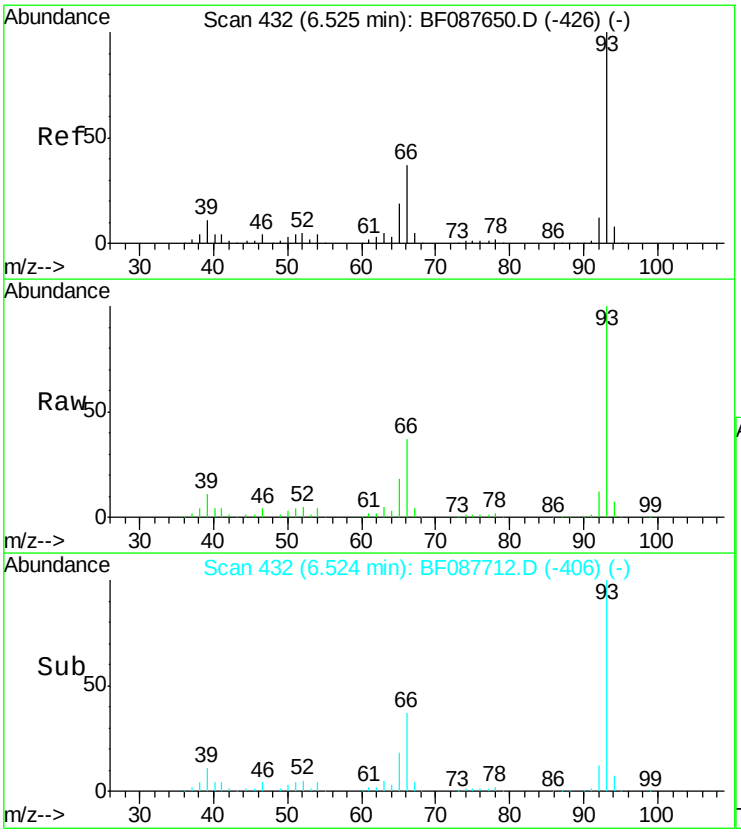
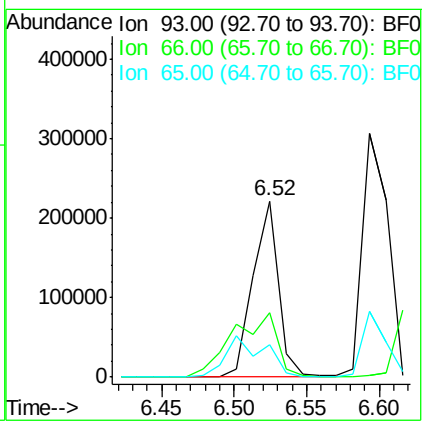
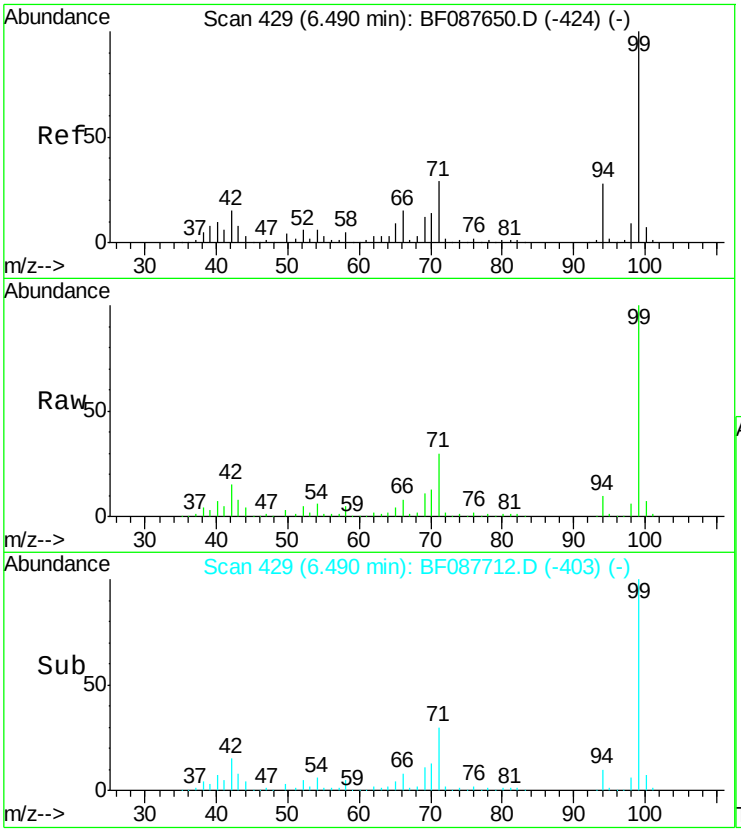


#6
Aniline
Concen: 15.79 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion: 93 Resp: 272316

Ion	Ratio	Lower	Upper
93	100		
66	36.5	29.8	44.8
65	18.2	14.9	22.3

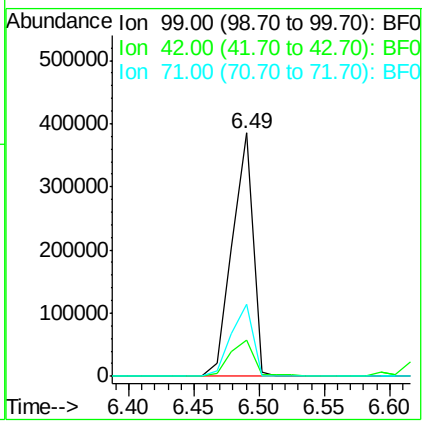




#7
Phenol-d6
Concen: 34.80 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion: 99 Resp: 423523

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.2	18.2
71	29.6	23.4	35.0



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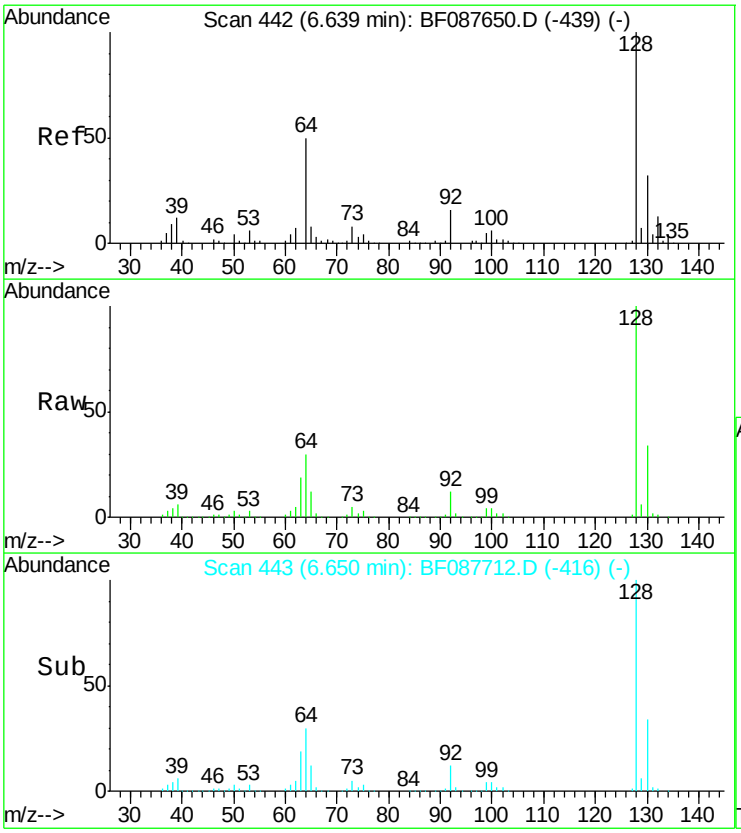
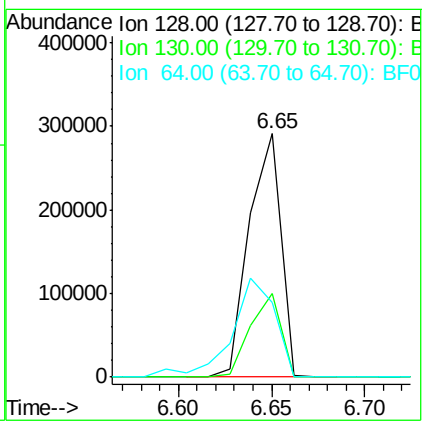
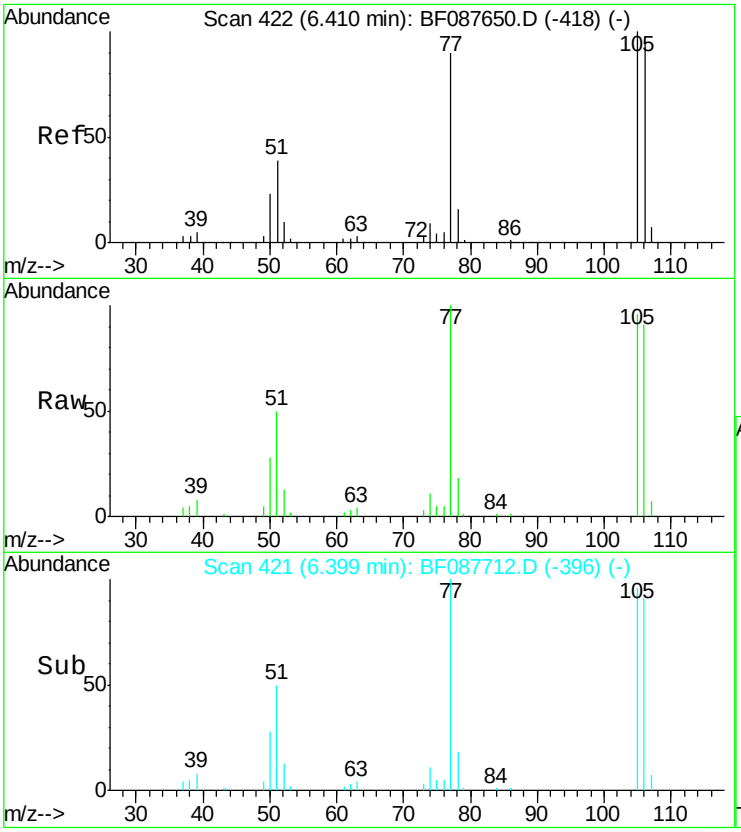


#8
2-Chlorophenol
Concen: 30.66 ng
RT: 6.65 min Scan# 443
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:128 Resp: 342346

Ion	Ratio	Lower	Upper
128	100		
130	34.2	12.0	52.0
64	30.5	30.8	70.8#

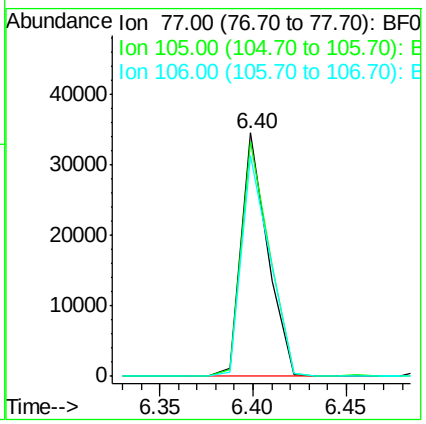




#9
Benzaldehyde
Concen: 4.11 ng
RT: 6.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion: 77 Resp: 33846

Ion	Ratio	Lower	Upper
77	100		
105	96.3	90.6	130.6
106	90.7	85.3	125.3



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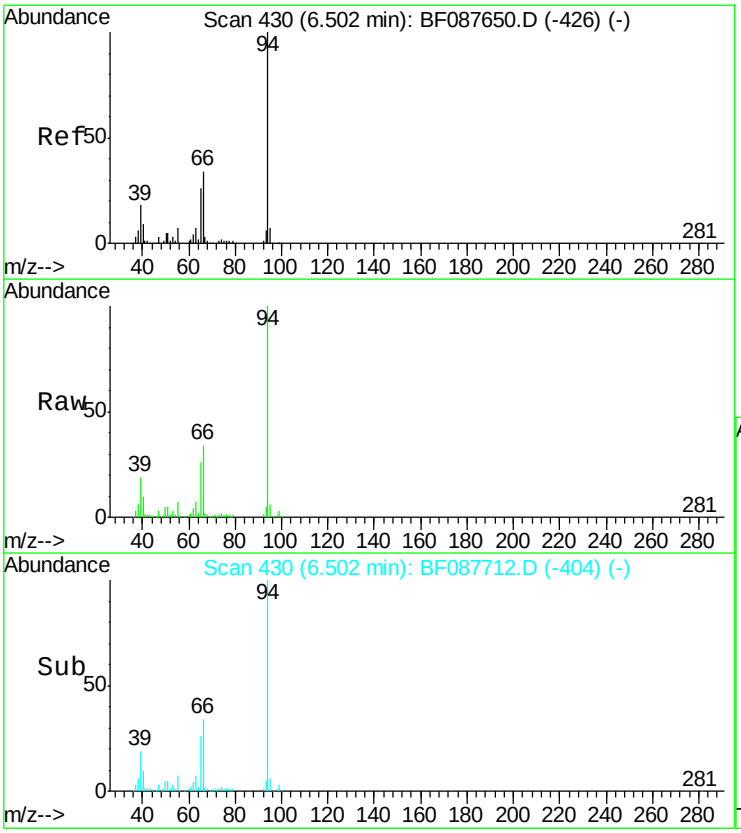
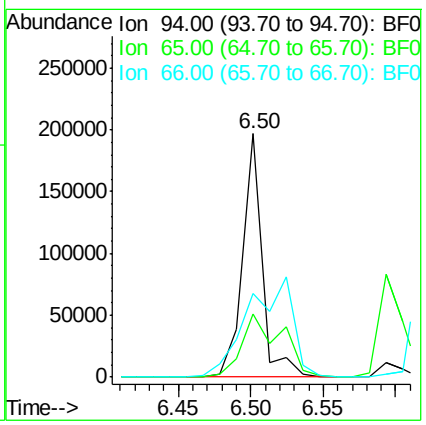
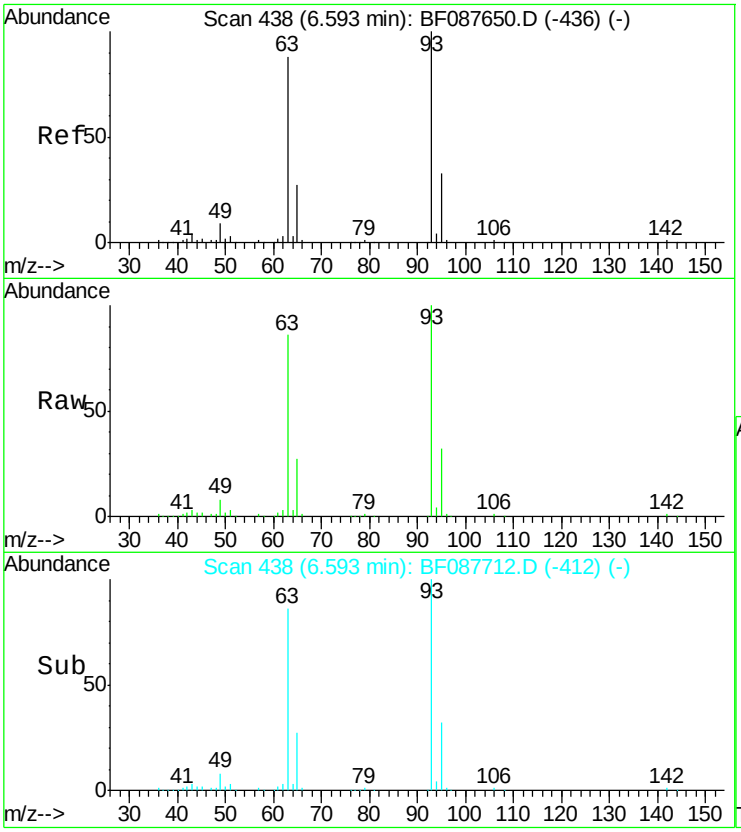


#10
Phenol
Concen: 13.27 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion: 94 Resp: 183930

Ion	Ratio	Lower	Upper
94	100		
65	26.1	5.9	45.9
66	34.1	14.0	54.0

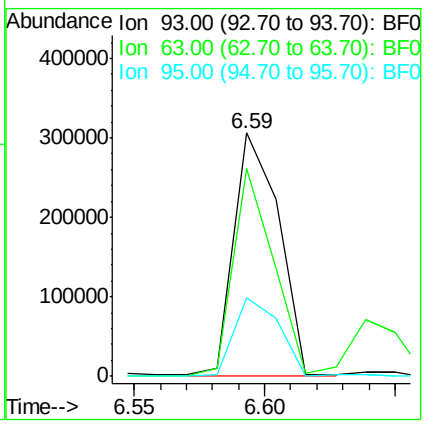




#11
bis(2-Chloroethyl)ether
Concen: 37.01 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion: 93 Resp: 372635

Ion	Ratio	Lower	Upper
93	100		
63	85.6	67.6	107.6
95	32.4	12.5	52.5



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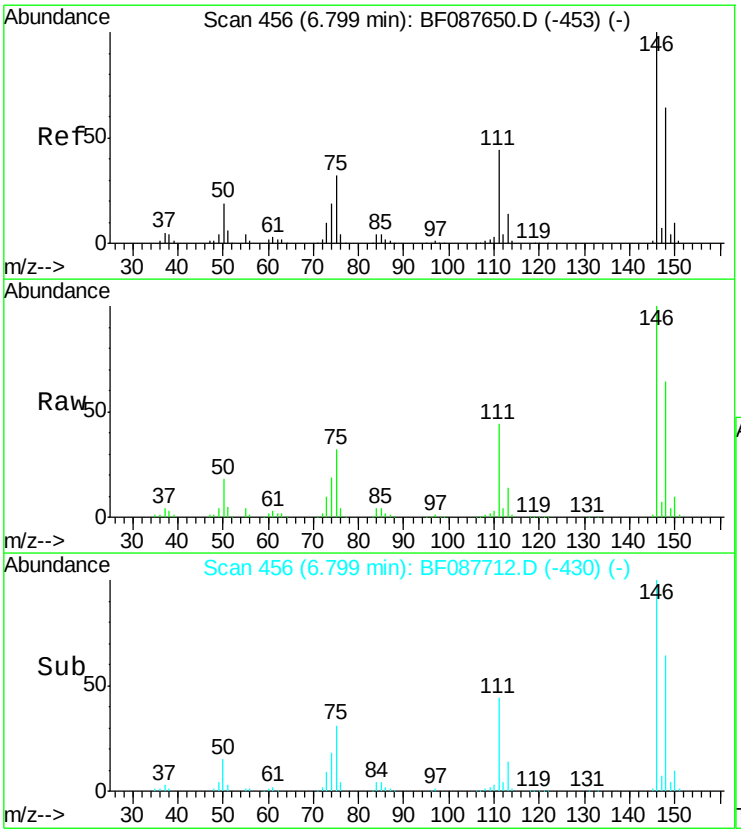
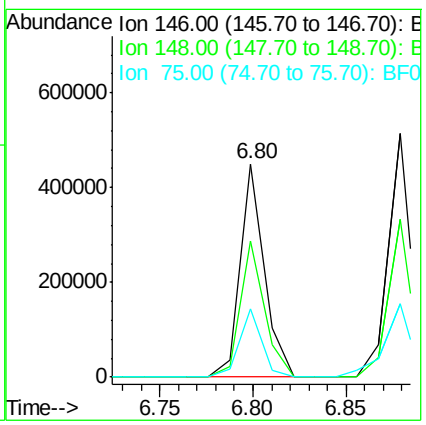
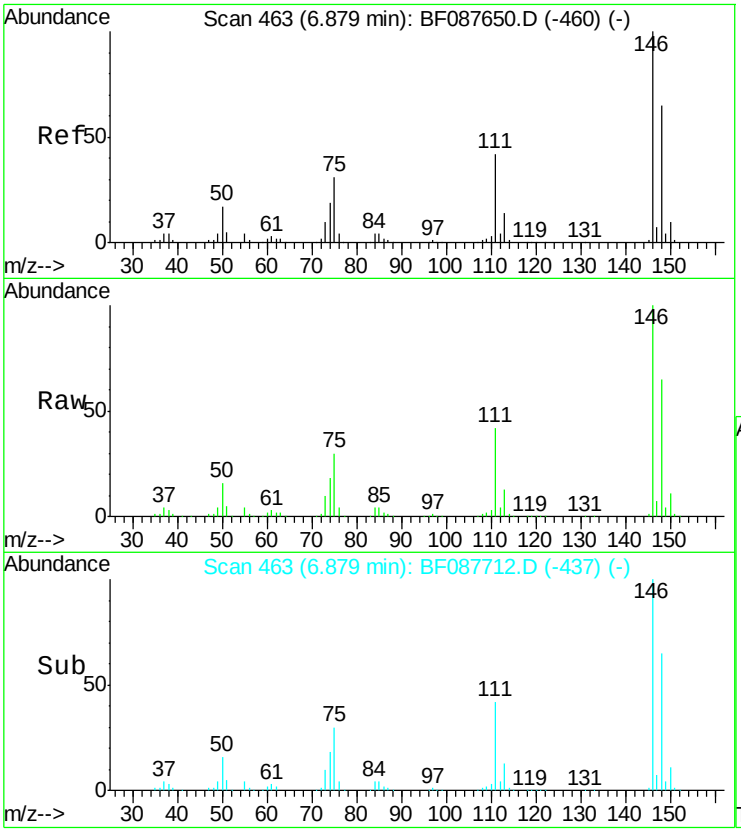


#12
1,3-Dichlorobenzene
Concen: 33.87 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:146 Resp: 404849

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.9	76.3
75	31.8	25.6	38.4

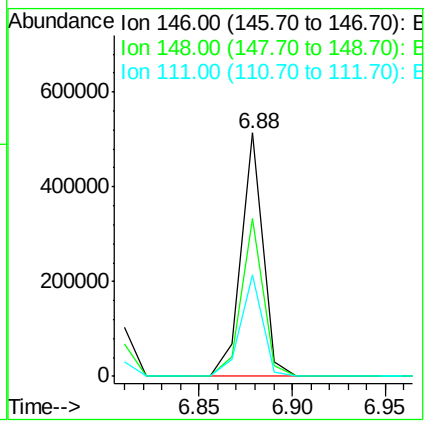




#13
1,4-Dichlorobenzene
Concen: 35.10 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:146 Resp: 421005

Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.0	78.0
111	41.6	33.8	50.8



Instrument :
BNA_F
ClientSampleId :
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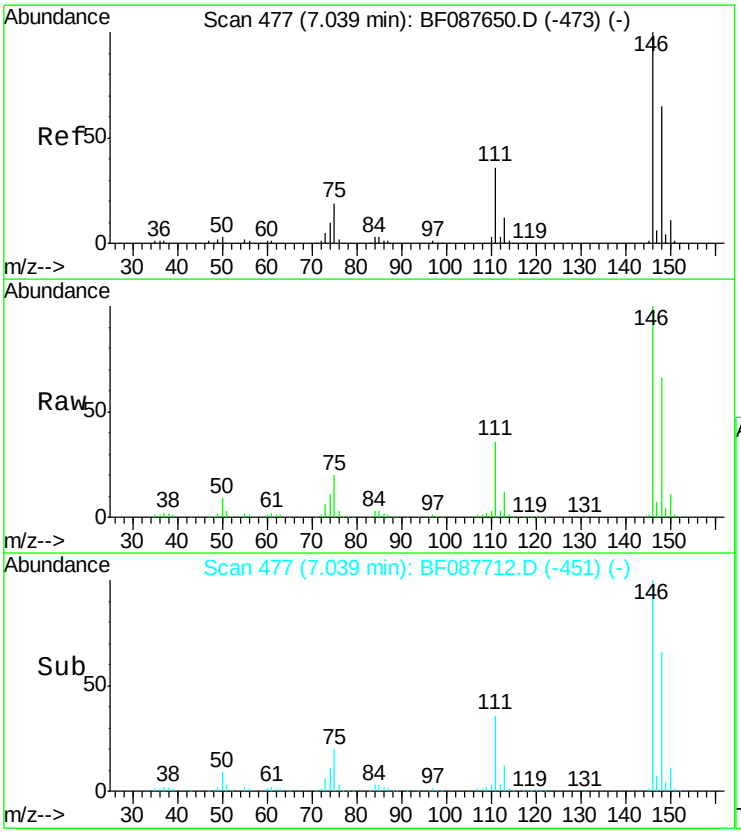
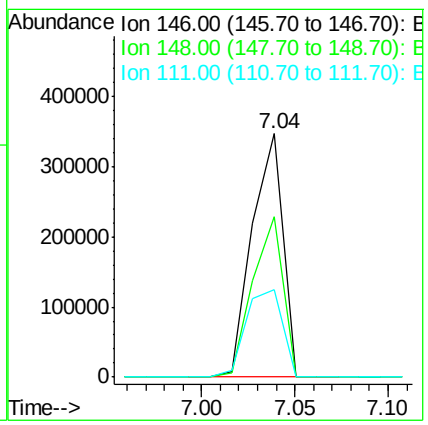
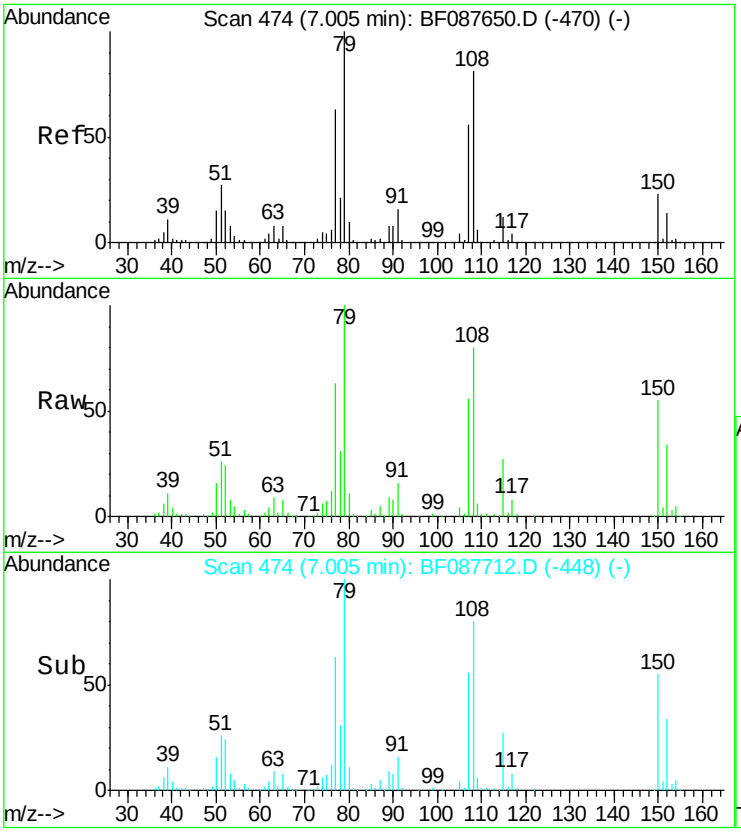


#14
1,2-Dichlorobenzene
Concen: 35.08 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:146 Resp: 394533

Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.3	78.5
111	36.0	28.7	43.1

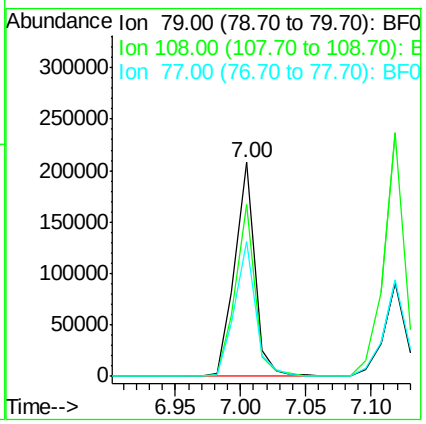




#15
Benzyl Alcohol
Concen: 24.91 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion: 79 Resp: 223966

Ion	Ratio	Lower	Upper
79	100		
108	80.2	65.0	97.6
77	63.0	50.3	75.5



Instrument :
BNA_F
ClientSampleId :
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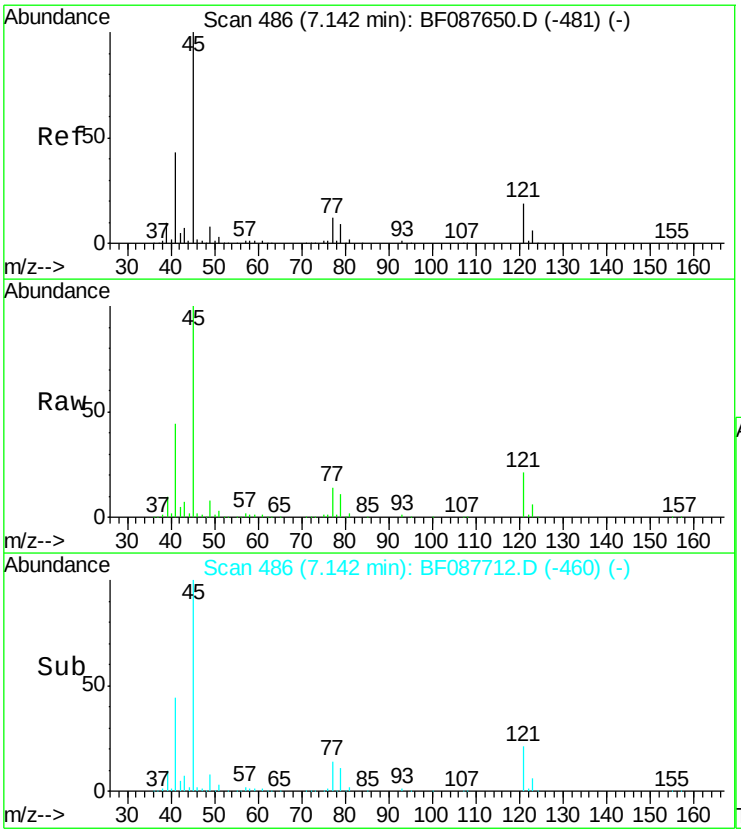
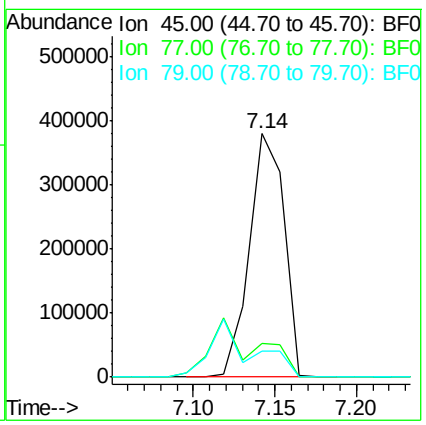
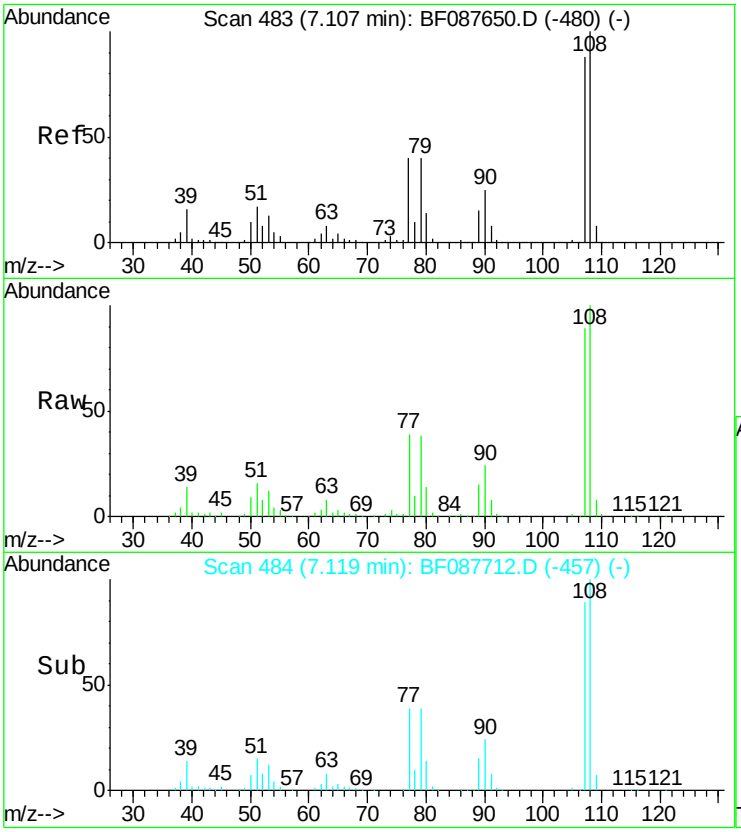


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.12 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion: 45 Resp: 559711

Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	32.5
79	10.6	0.0	29.5

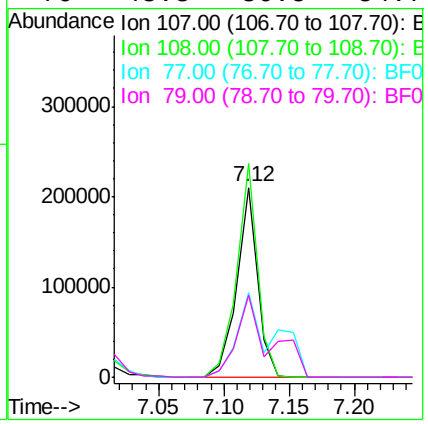




#17
2-Methylphenol
Concen: 25.83 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:107 Resp: 231564

Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.9	136.3
77	44.3	36.6	55.0
79	43.3	36.5	54.7



Instrument :
BNA_F
ClientSampleId :
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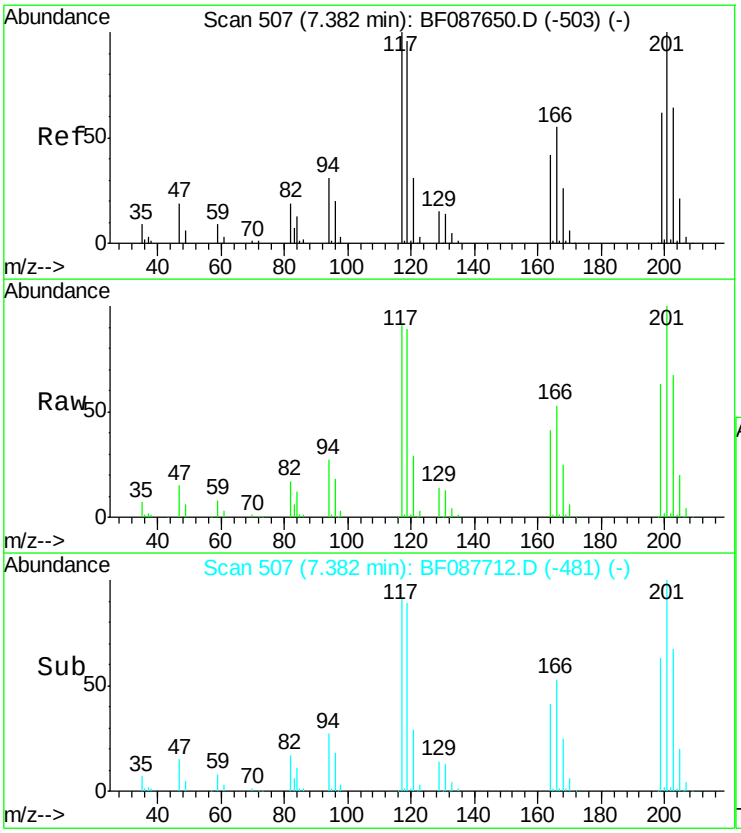
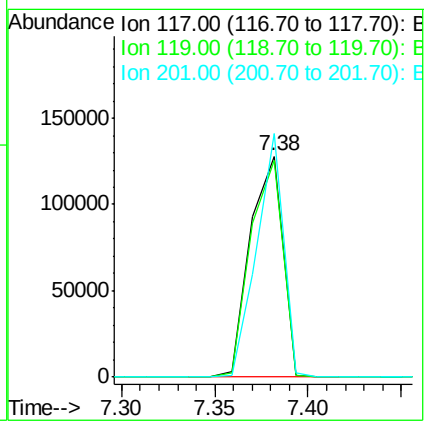
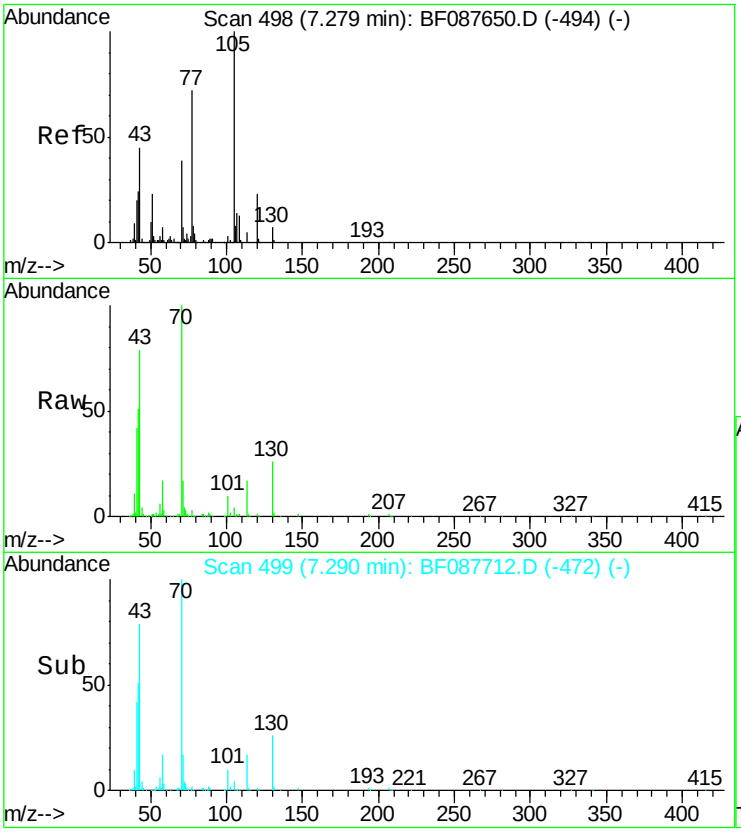


#18
Hexachloroethane
Concen: 36.79 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:117 Resp: 154304

Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.4	116.2
201	110.3	80.4	120.6





#19
n-Nitroso-di-n-propylamine
Concen: 41.12 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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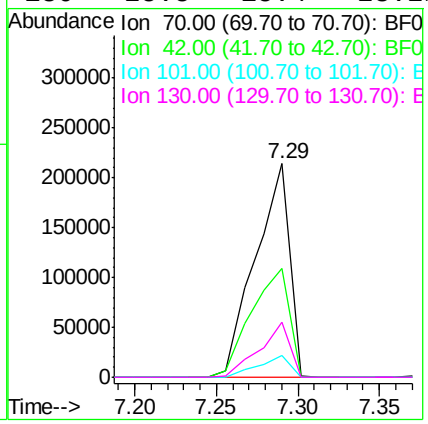
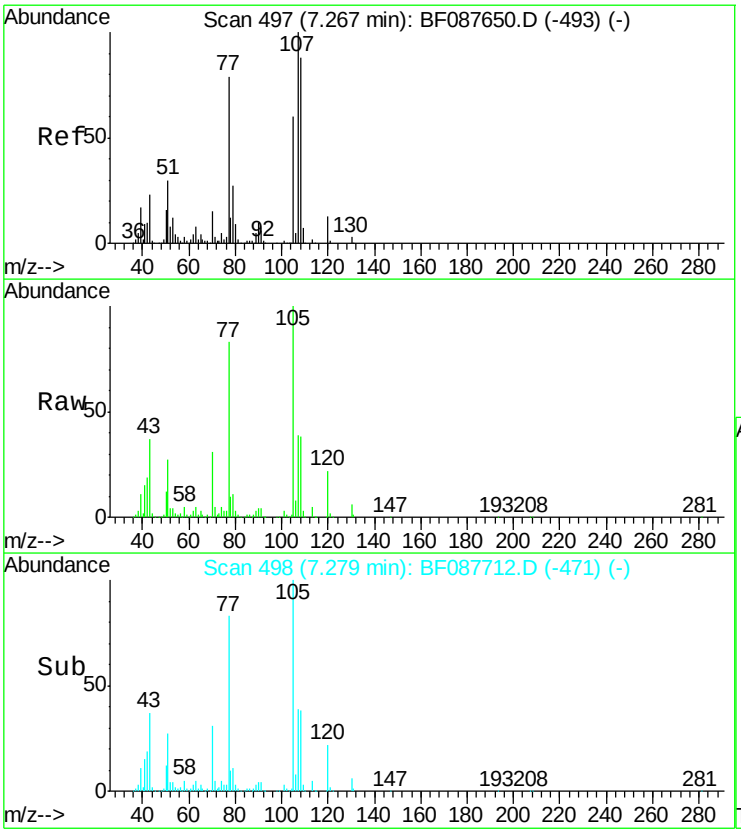
Tgt Ion: 70 Resp: 312502

Ion	Ratio	Lower	Upper
70	100		
42	51.1	49.6	74.4
101	10.4	7.1	10.7
130	25.5	15.4	23.2#

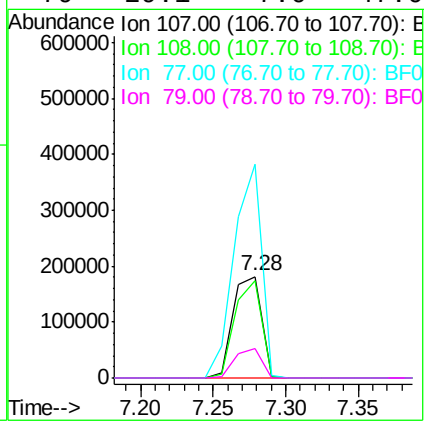


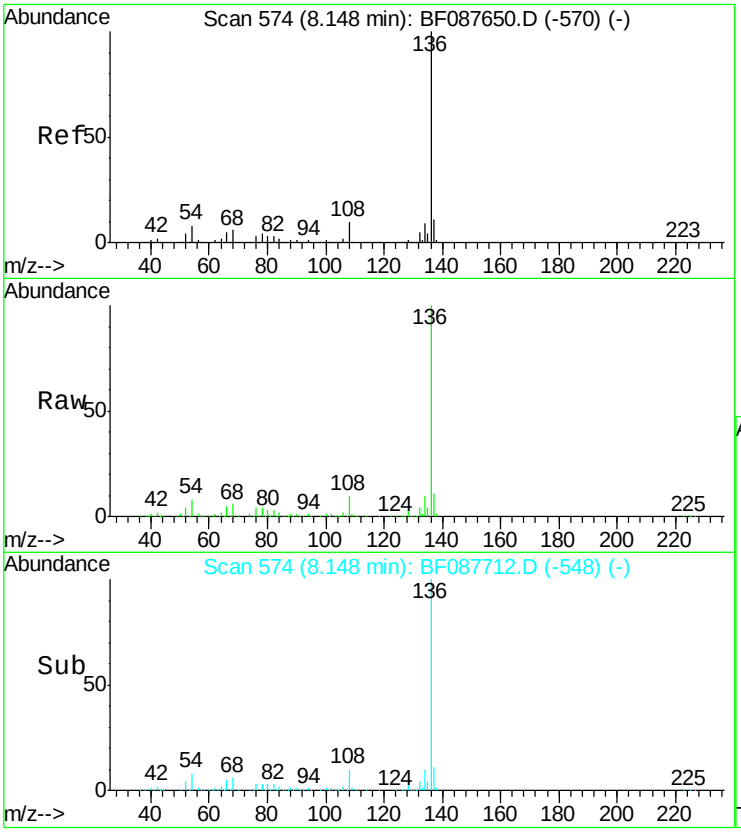


#20
3+4-Methylphenols
Concen: 22.53 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:107 Resp: 247453

Ion	Ratio	Lower	Upper
107	100		
108	95.2	67.8	107.8
77	210.4	59.3	99.3#
79	29.1	7.0	47.0

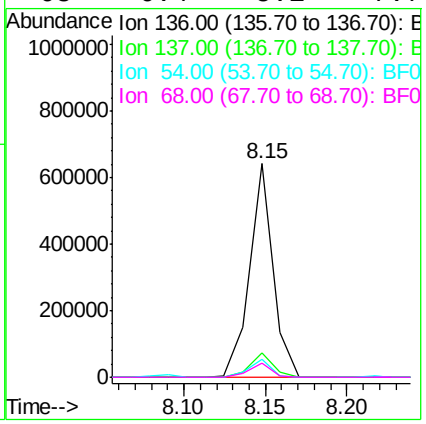




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:136 Resp: 641010

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.3	6.6	10.0
68	6.4	5.1	7.7



Instrument :
BNA_F
ClientSampleId :
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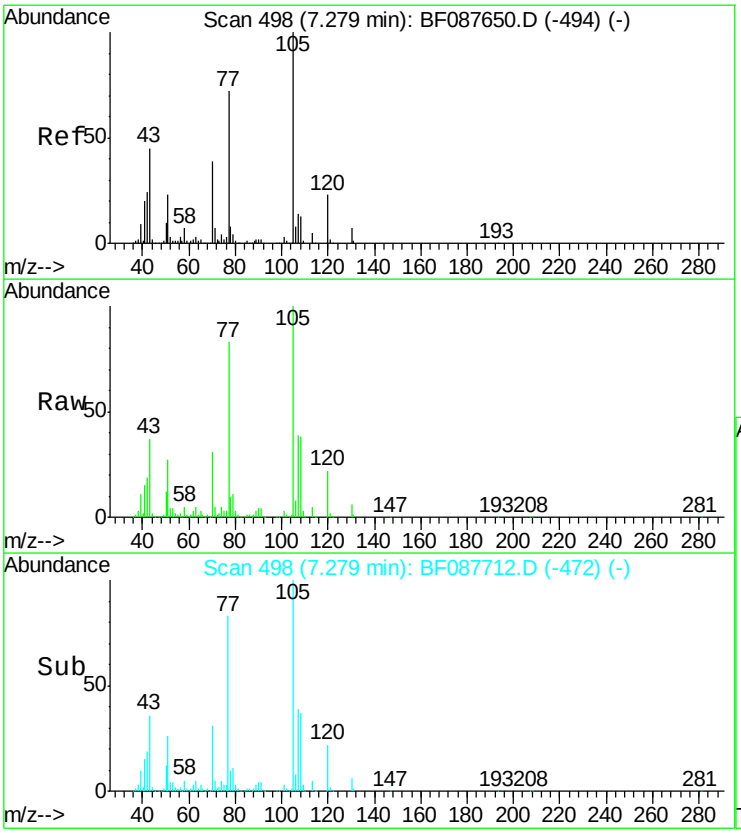
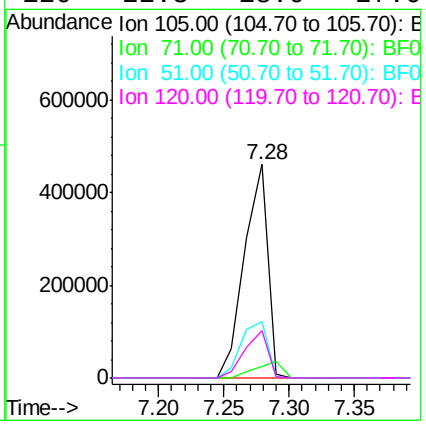
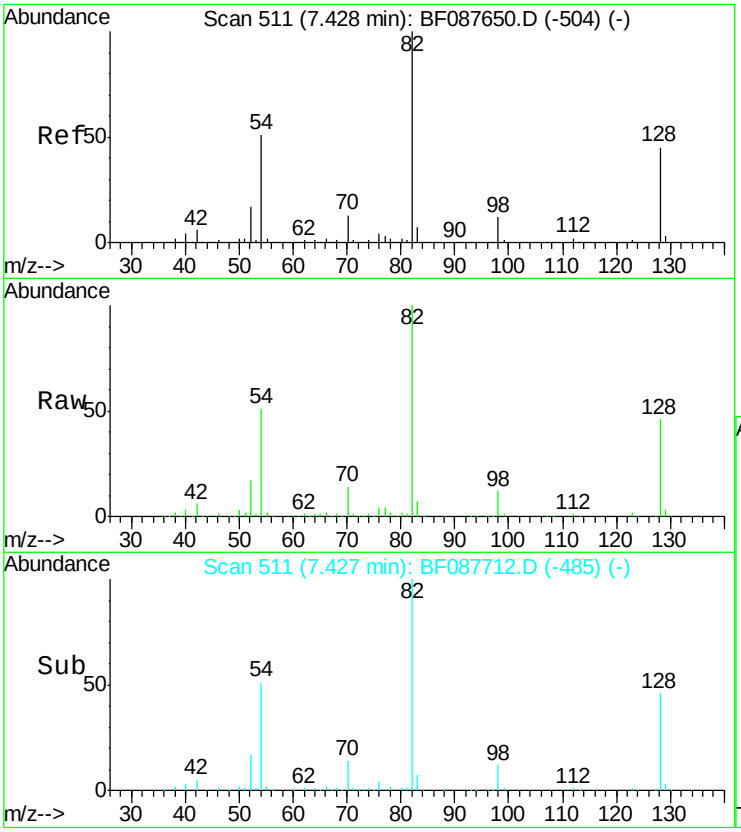


#22
Acetophenone
Concen: 39.61 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:105 Resp: 575117

Ion	Ratio	Lower	Upper
105	100		
71	5.3	5.3	7.9
51	26.6	18.2	27.4
120	22.3	18.0	27.0

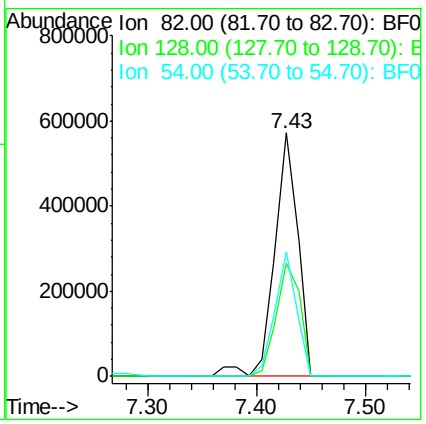




#23
Nitrobenzene-d5
Concen: 76.94 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion: 82 Resp: 852384

Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.9	53.9
54	51.0	40.9	61.3



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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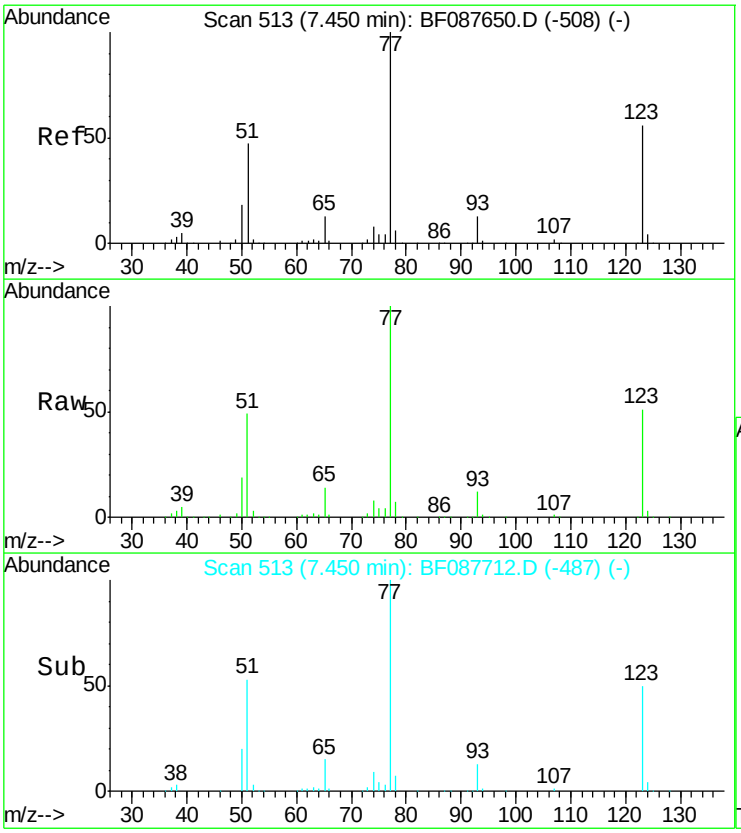
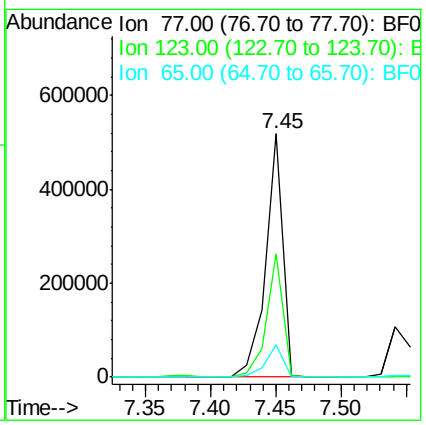
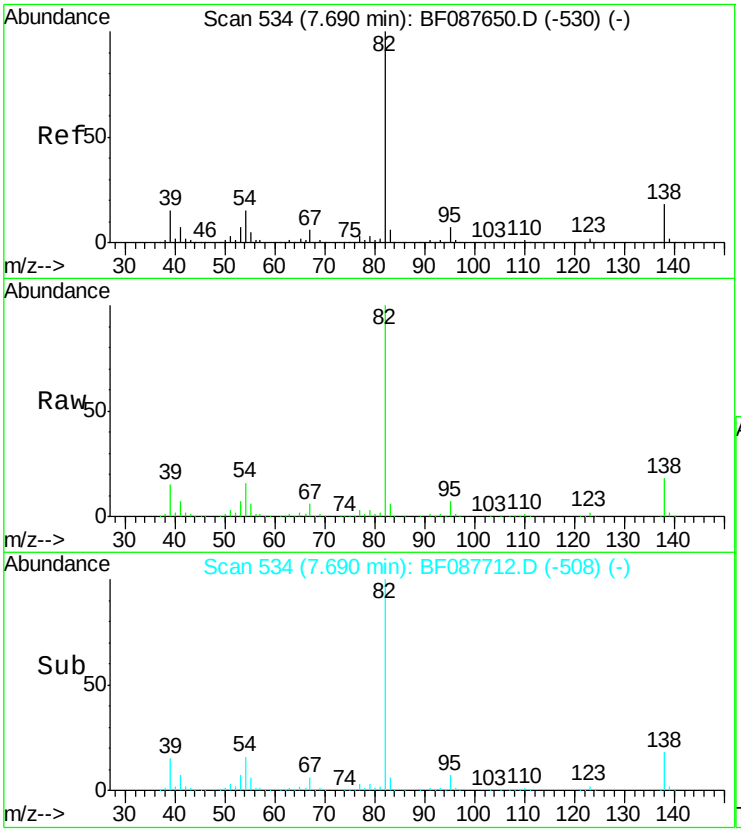


#24
Nitrobenzene
Concen: 42.81 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion: 77 Resp: 474659

Ion	Ratio	Lower	Upper
77	100		
123	50.7	45.0	67.4
65	13.5	10.2	15.2

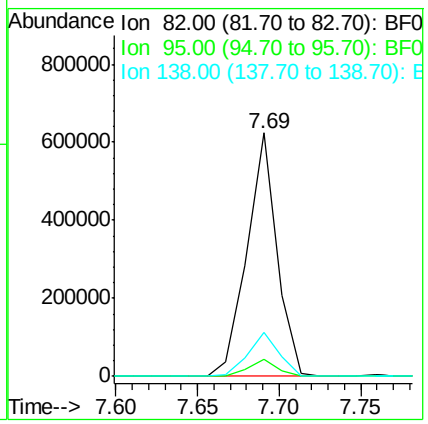




#25
Isophorone
Concen: 39.46 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion: 82 Resp: 796020

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.2
138	17.9	14.6	21.8



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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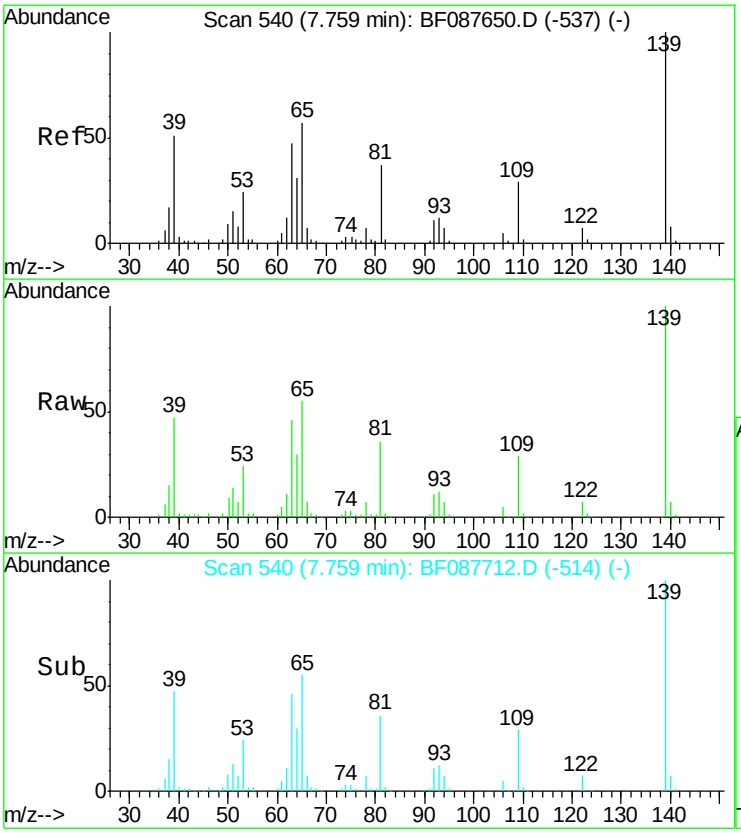
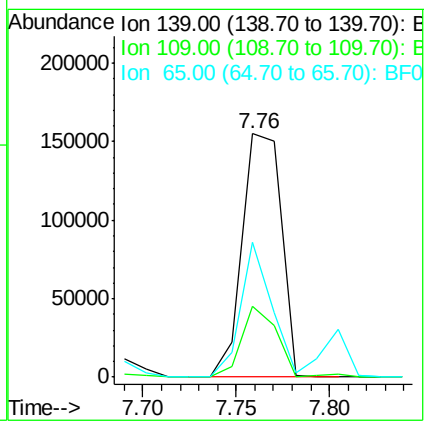
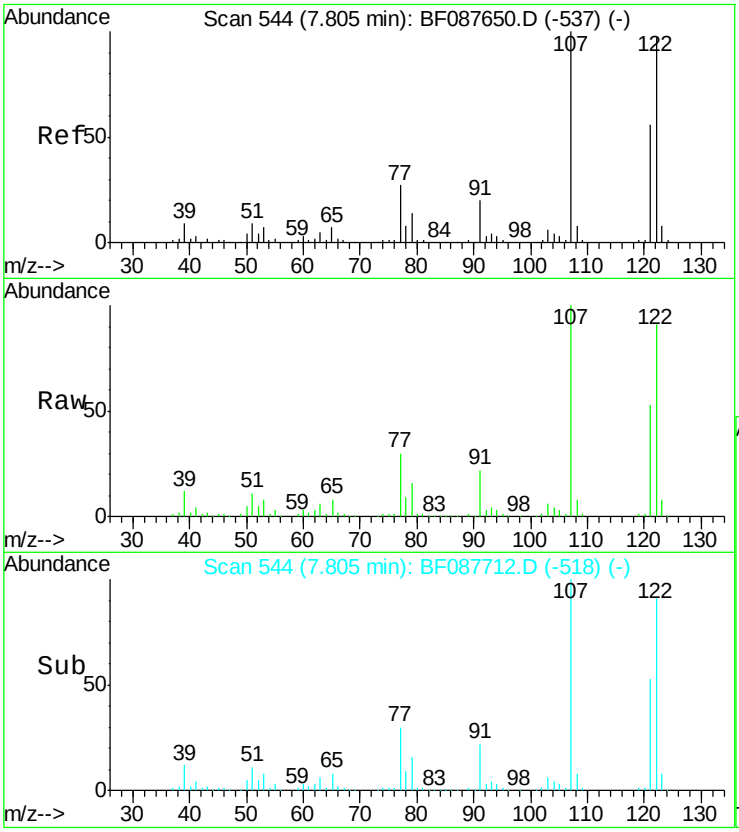


#26
2-Nitrophenol
Concen: 43.76 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:139 Resp: 225444

Ion	Ratio	Lower	Upper
139	100		
109	28.9	23.0	34.4
65	55.3	45.8	68.8

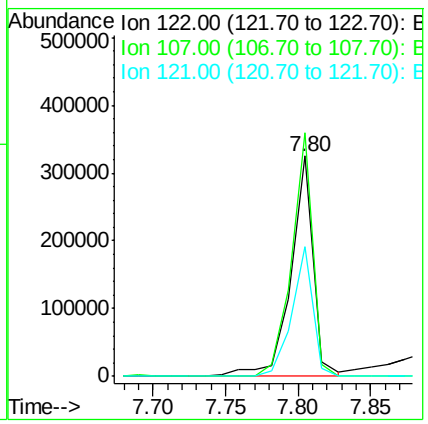




#27
2,4-Dimethylphenol
Concen: 32.26 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:122 Resp: 344413

Ion	Ratio	Lower	Upper
122	100		
107	110.5	82.4	123.6
121	58.8	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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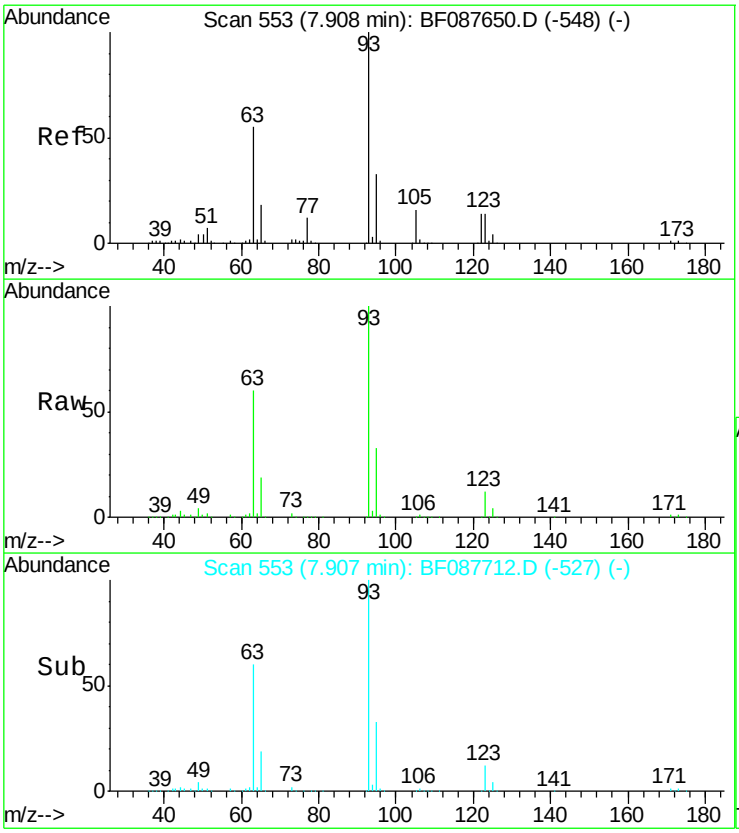
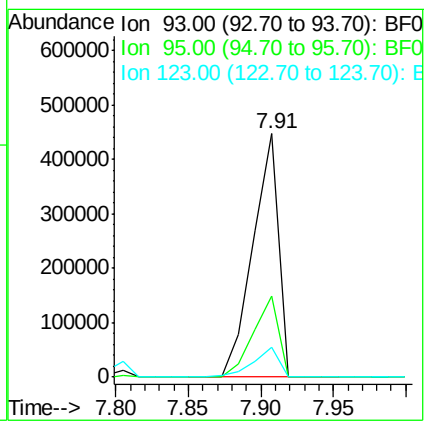
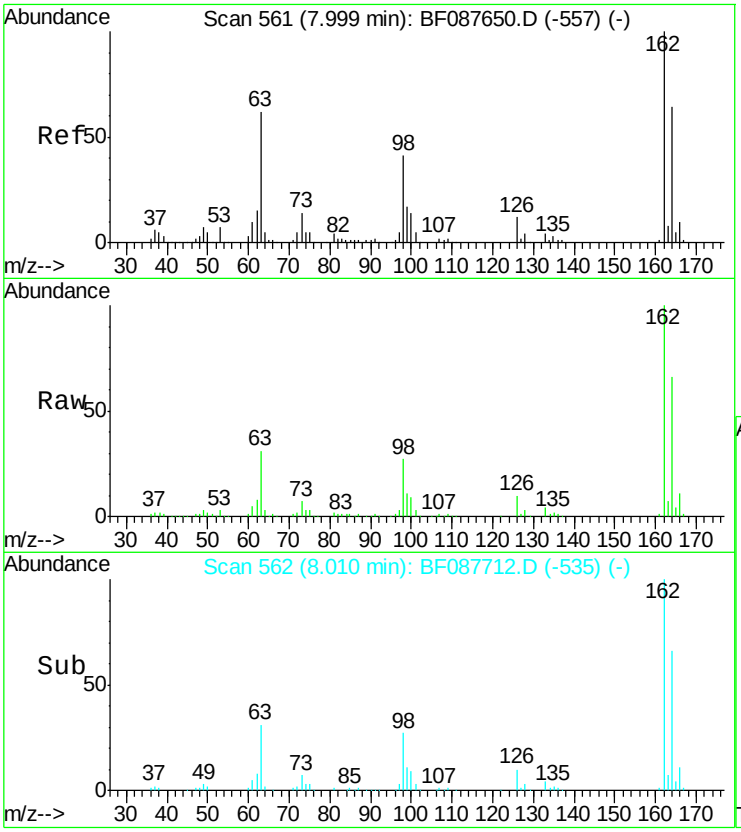


#28
bis(2-Chloroethoxy)methane
Concen: 42.84 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion: 93 Resp: 548172

Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.5	39.7
123	12.4	11.6	17.4

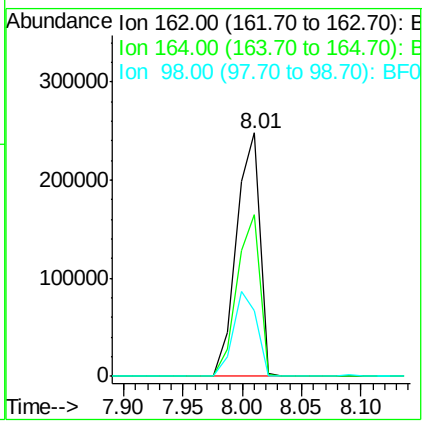




#29
2,4-Dichlorophenol
Concen: 38.82 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:162 Resp: 340439

Ion	Ratio	Lower	Upper
162	100		
164	66.4	43.8	83.8
98	26.8	21.3	61.3



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Manual Integrations APPROVED
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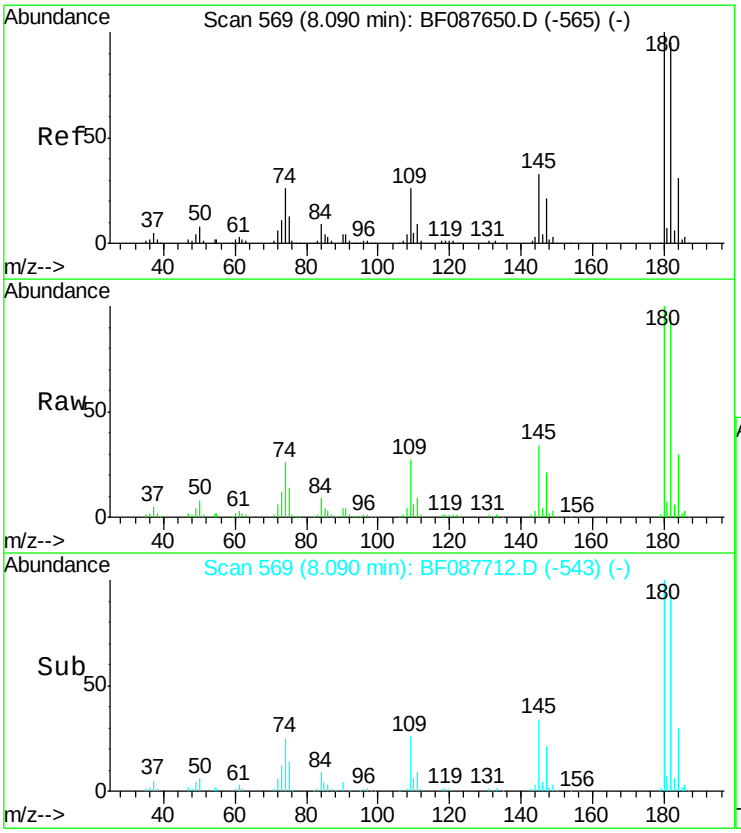
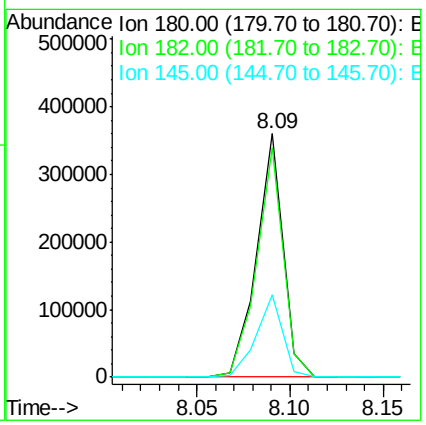
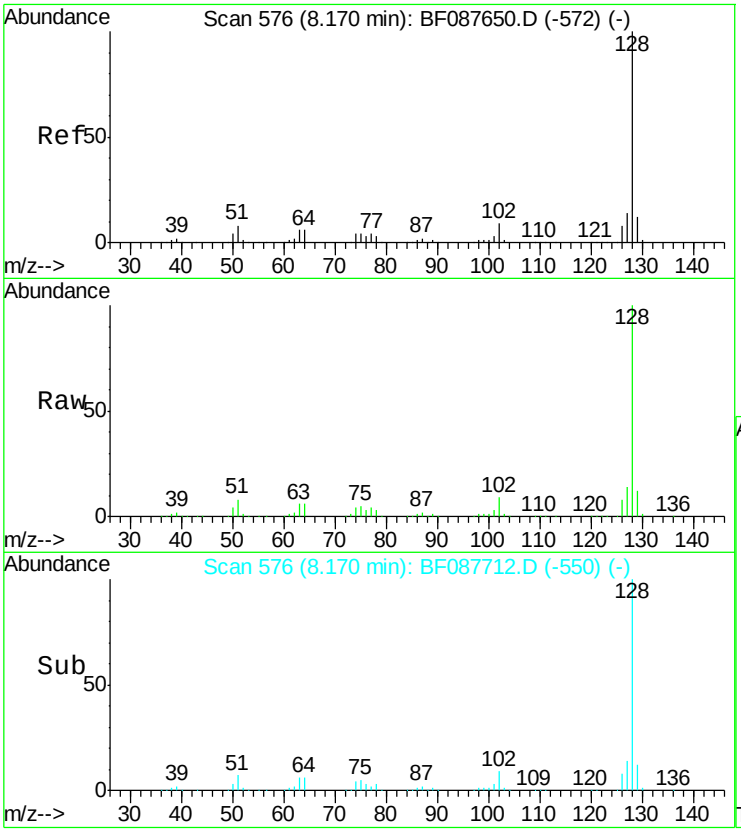


#30
1,2,4-Trichlorobenzene
Concen: 38.28 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:180 Resp: 351532

Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.0	114.0
145	33.7	26.5	39.7

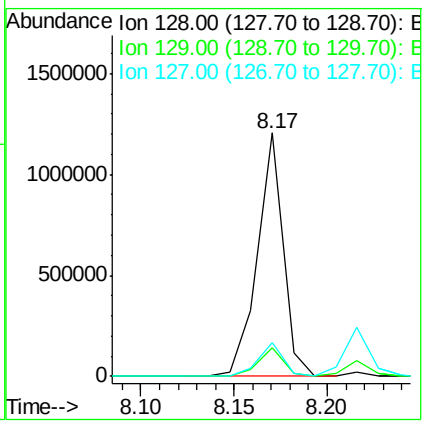




#31
Naphthalene
Concen: 36.83 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:128 Resp: 1147883

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	13.6	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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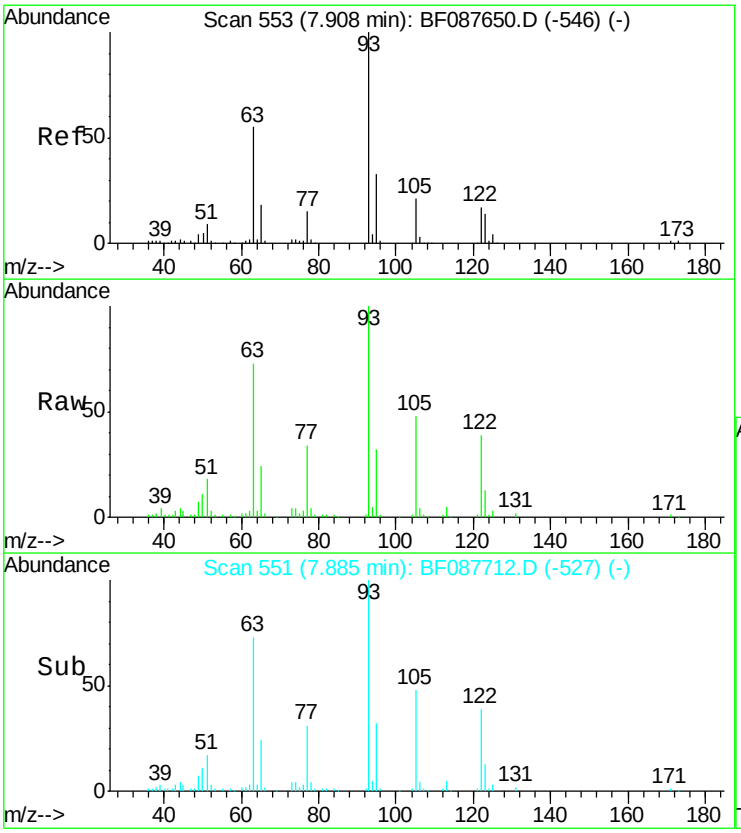
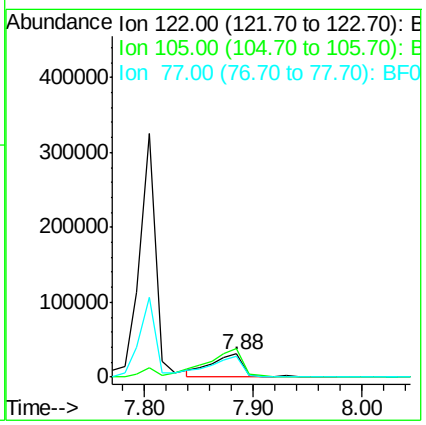
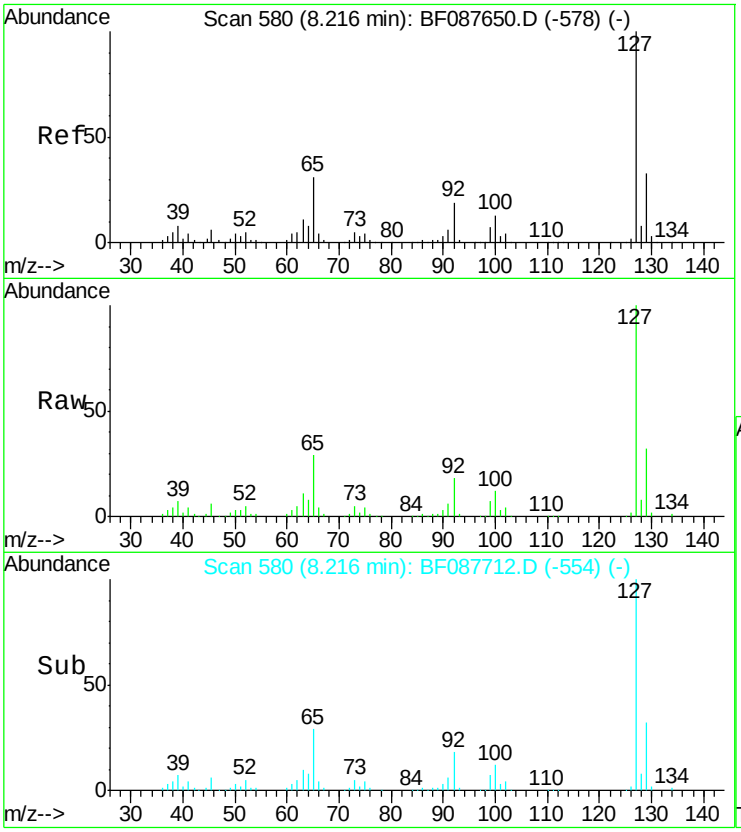


#32
Benzoic acid
Concen: 10.04 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:122 Resp: 64667

Ion	Ratio	Lower	Upper
122	100		
105	121.3	101.6	141.6
77	87.4	70.6	110.6

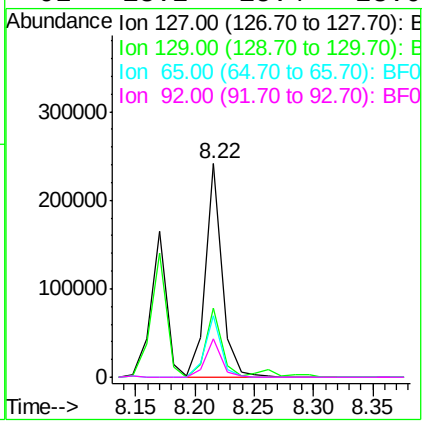




#33
4-Chloroaniline
Concen: 17.23 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:127 Resp: 233235

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	28.8	24.7	37.1
92	18.2	15.4	23.0



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Manual Integrations APPROVED
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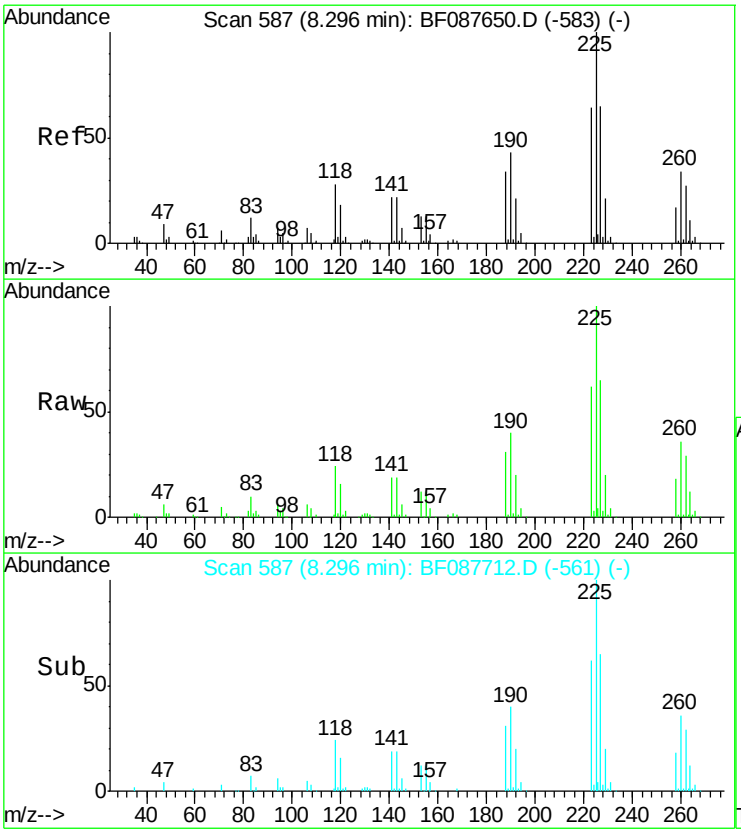
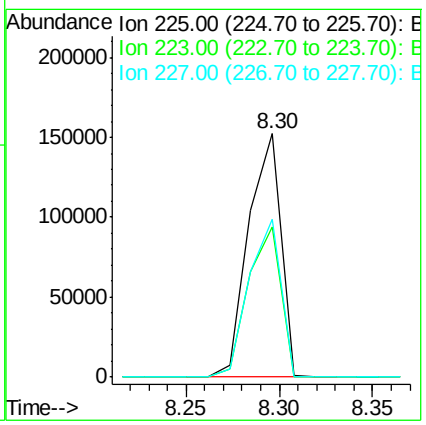
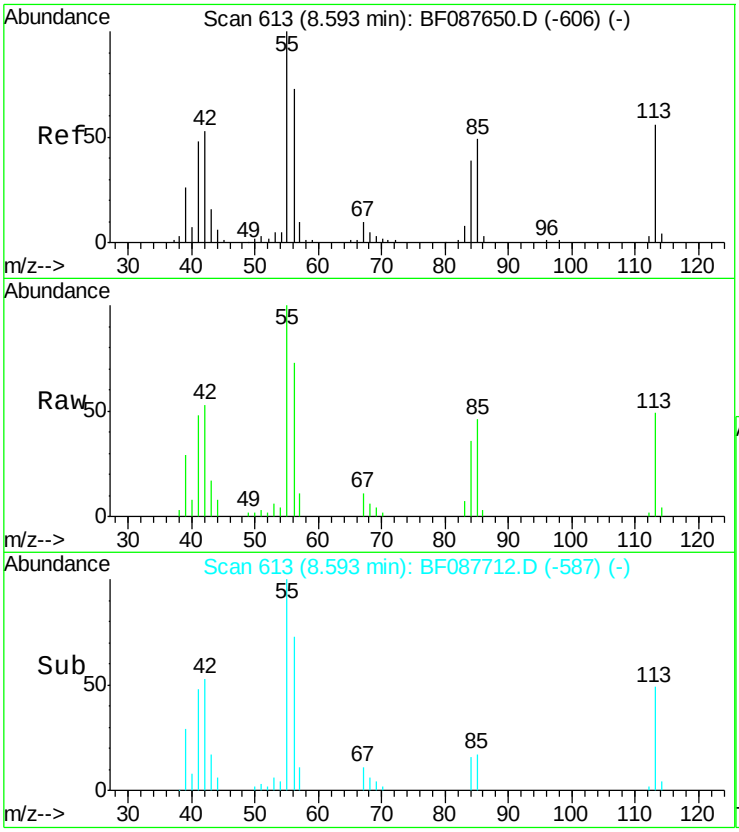


#34
Hexachlorobutadiene
Concen: 38.05 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:225 Resp: 181648

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.9	76.3
227	65.0	51.9	77.9

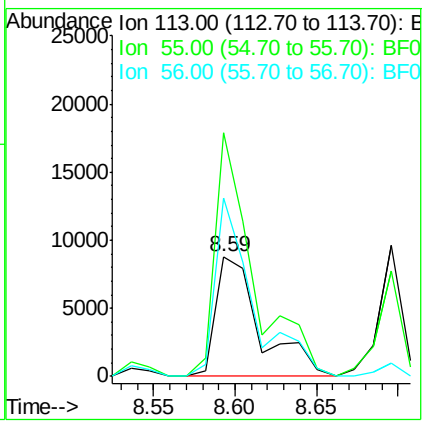




#35
Caprolactam
Concen: 5.74 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:113 Resp: 16543

Ion	Ratio	Lower	Upper
113	100		
55	202.9	158.6	198.6#
56	148.2	110.6	150.6



Instrument :
BNA_F
ClientSampleId :
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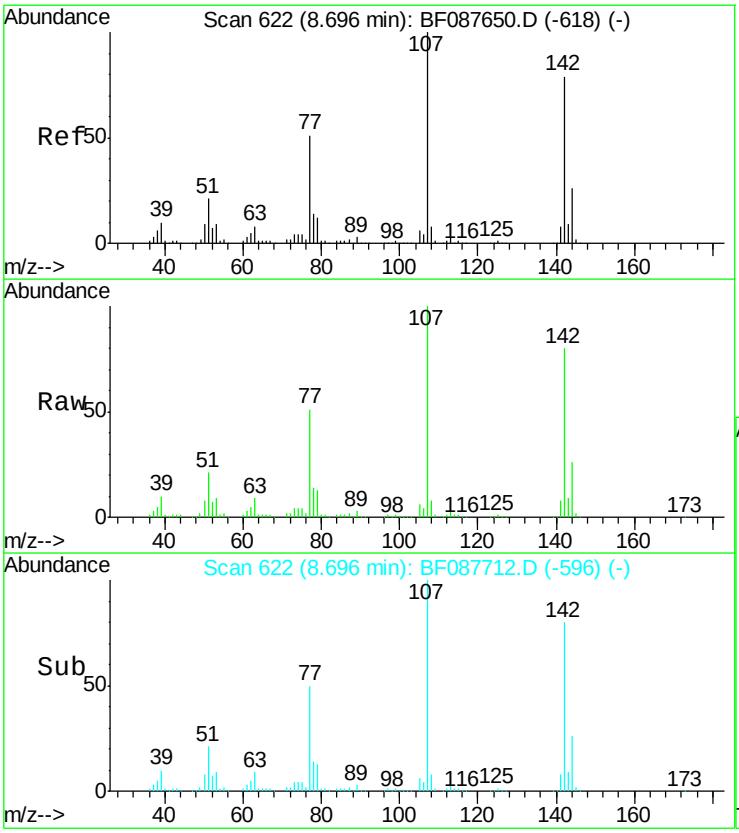
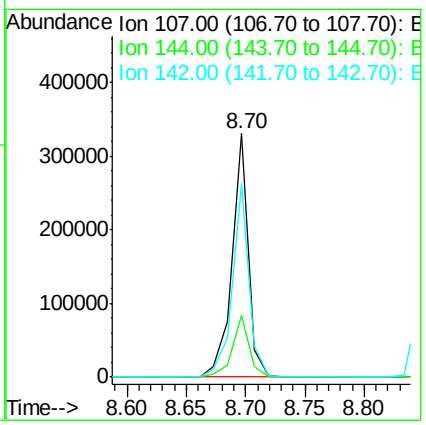
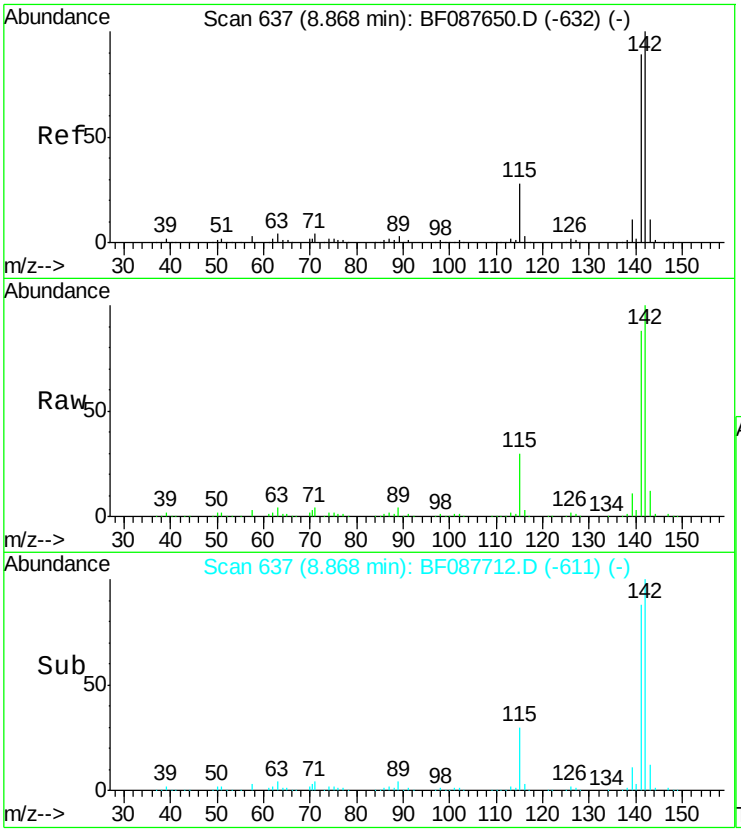


#36
4-Chloro-3-methylphenol
Concen: 34.85 ng
RT: 8.70 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:107 Resp: 316122

Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.8	31.2
142	79.6	63.4	95.2

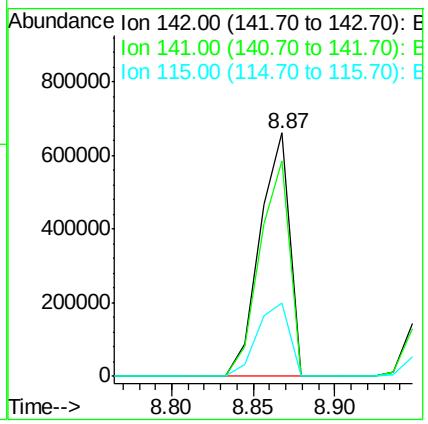




#37
2-Methylnaphthalene
Concen: 40.75 ng
RT: 8.87 min Scan# 637
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:142 Resp: 838785

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.6
115	30.4	22.6	33.8



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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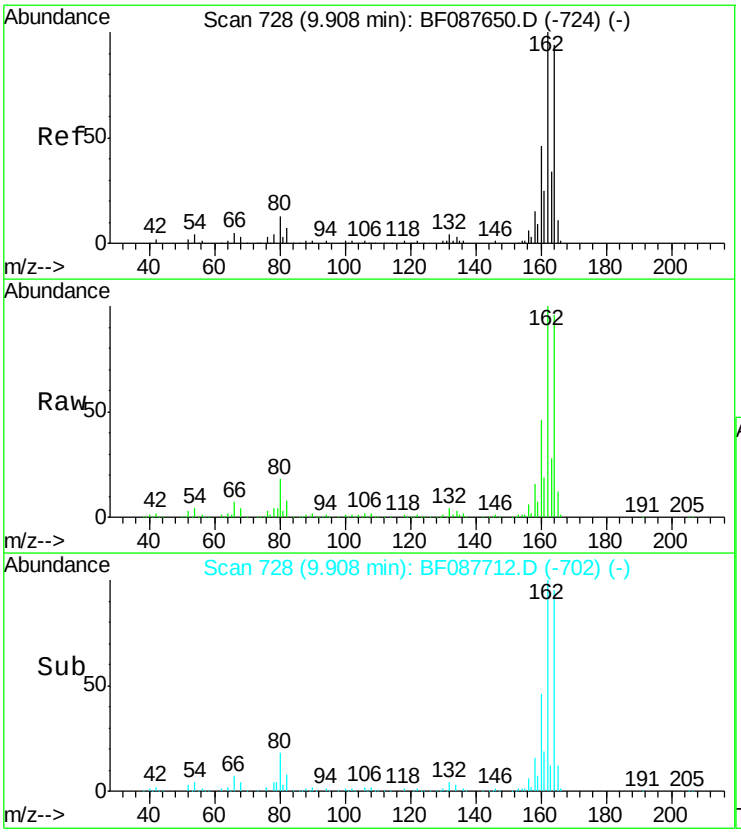
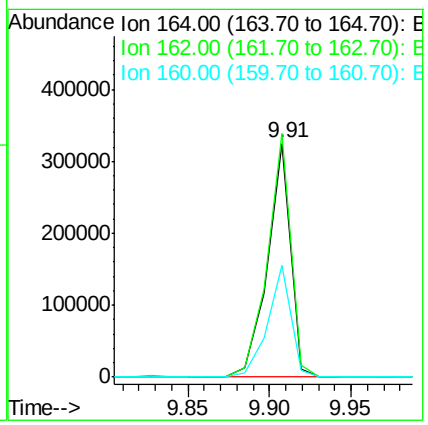
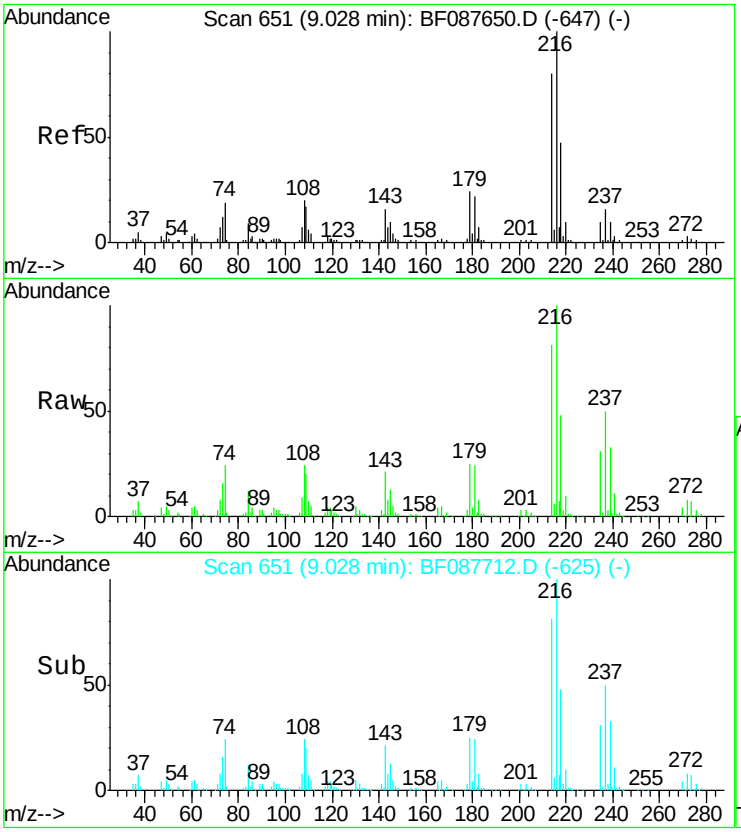


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:164 Resp: 319786

Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.4	128.2
160	47.5	39.5	59.3

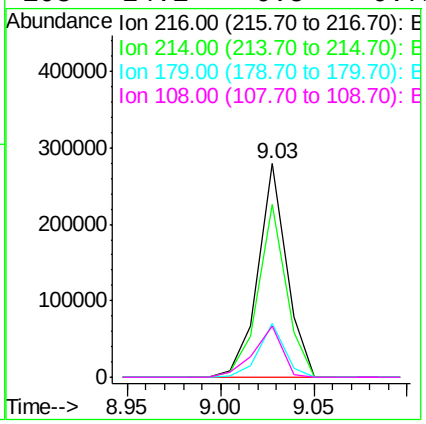




#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.77 ng
RT: 9.03 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:216 Resp: 297584

Ion	Ratio	Lower	Upper
216	100		
214	79.6	2.9	4.3#
179	22.8	0.0	0.0#
108	24.1	0.5	0.7#



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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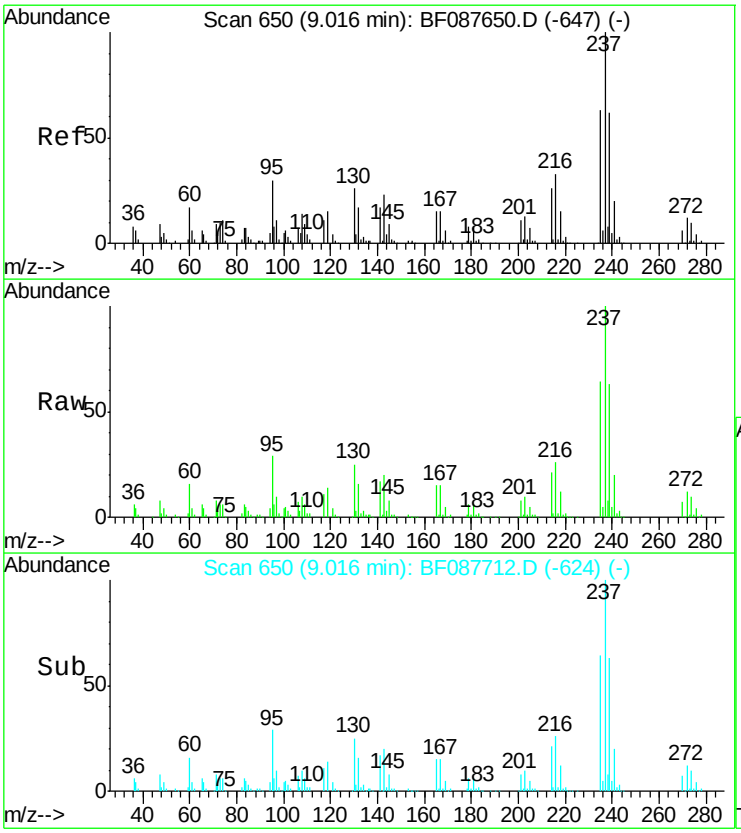
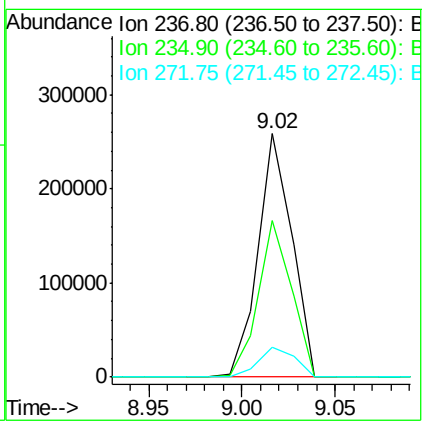
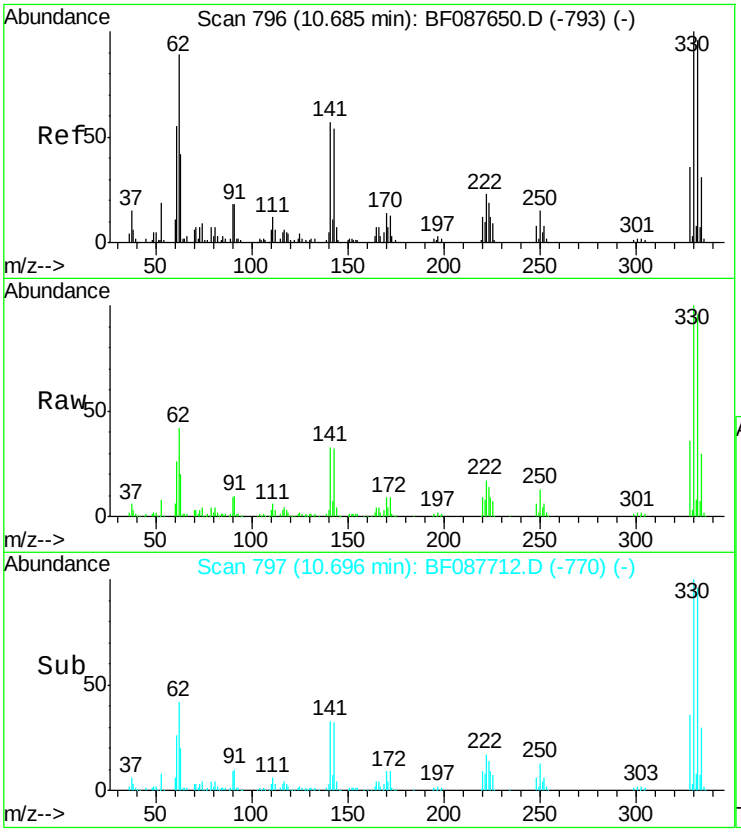


#40
Hexachlorocyclopentadiene
Concen: 62.45 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:237 Resp: 323738

Ion	Ratio	Lower	Upper
237	100		
235	64.2	43.4	83.4
272	12.4	0.0	32.3





#41
2,4,6-Tribromophenol
Concen: 96.59 ng
RT: 10.70 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:330 Resp: 310057

Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	40.0	0.0	0.0#

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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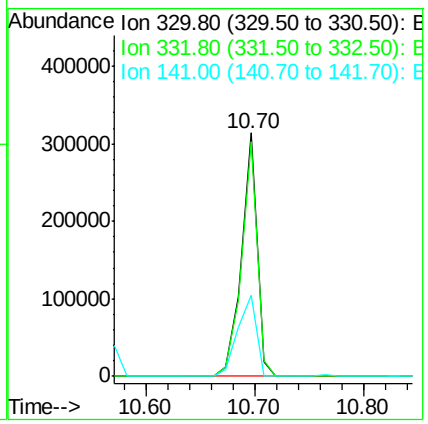
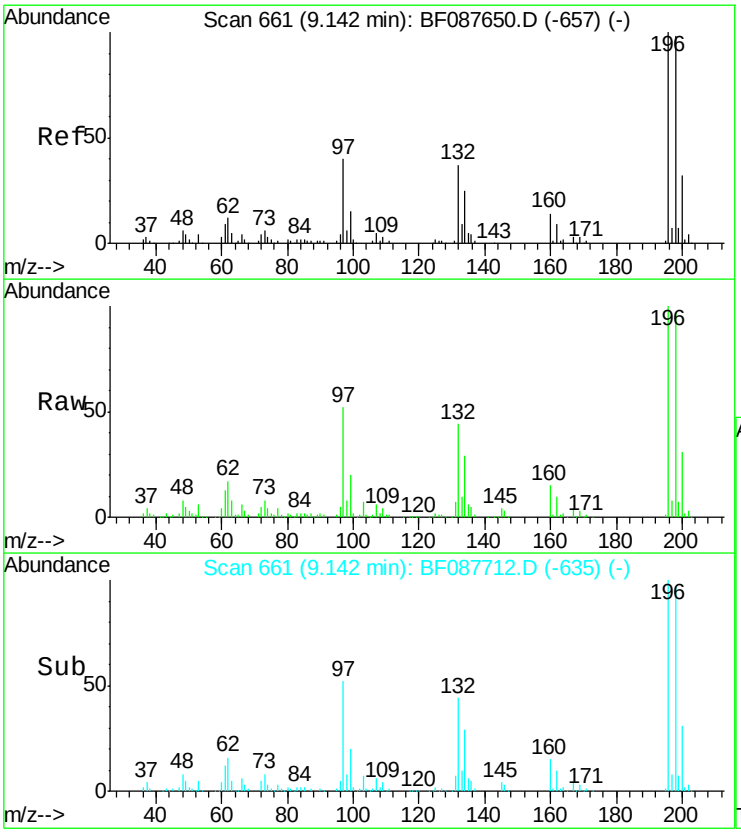
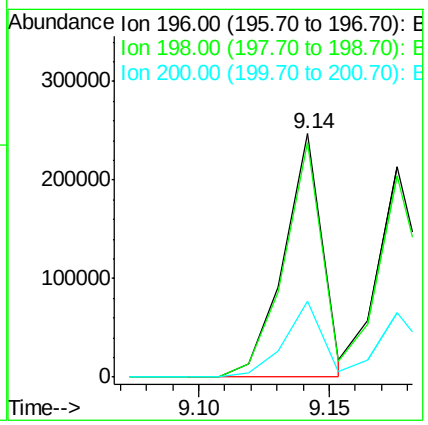


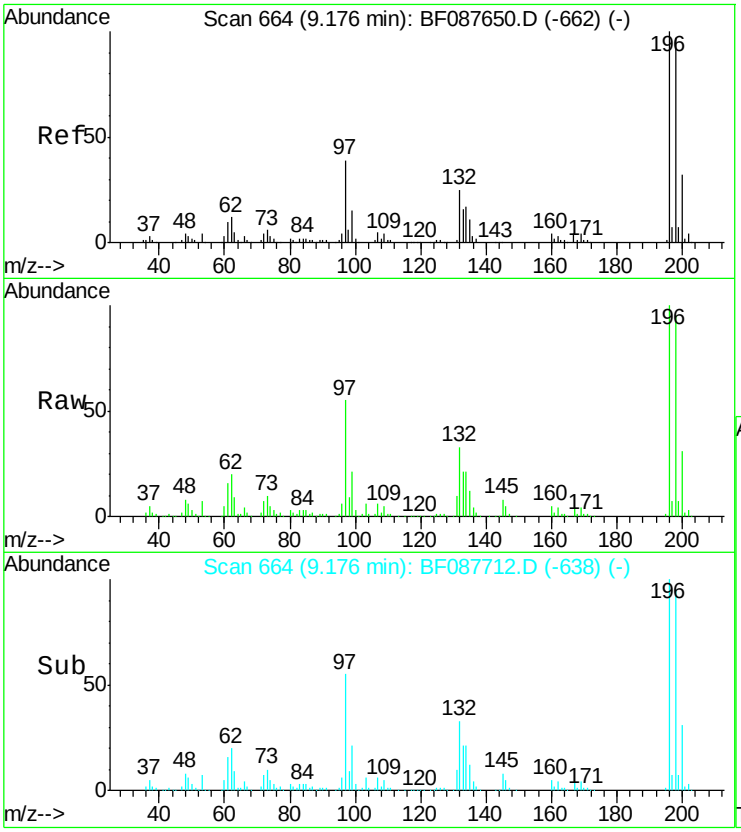


#42
2,4,6-Trichlorophenol
Concen: 38.13 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:196 Resp: 253772

Ion	Ratio	Lower	Upper
196	100		
198	96.6	78.0	117.0
200	31.3	25.4	38.2

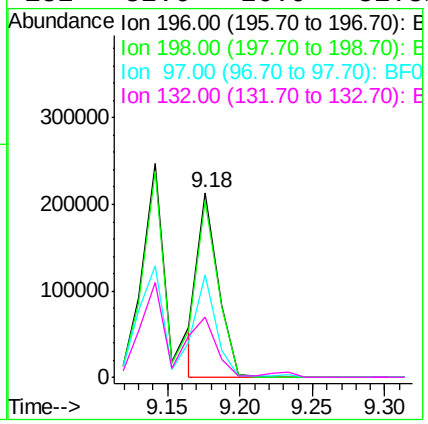




#43
2,4,5-Trichlorophenol
Concen: 33.33 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:196 Resp: 206423

Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.5	116.3
97	55.4	32.0	48.0#
132	32.6	20.9	31.3#



Instrument :
BNA_F
ClientSampleId :
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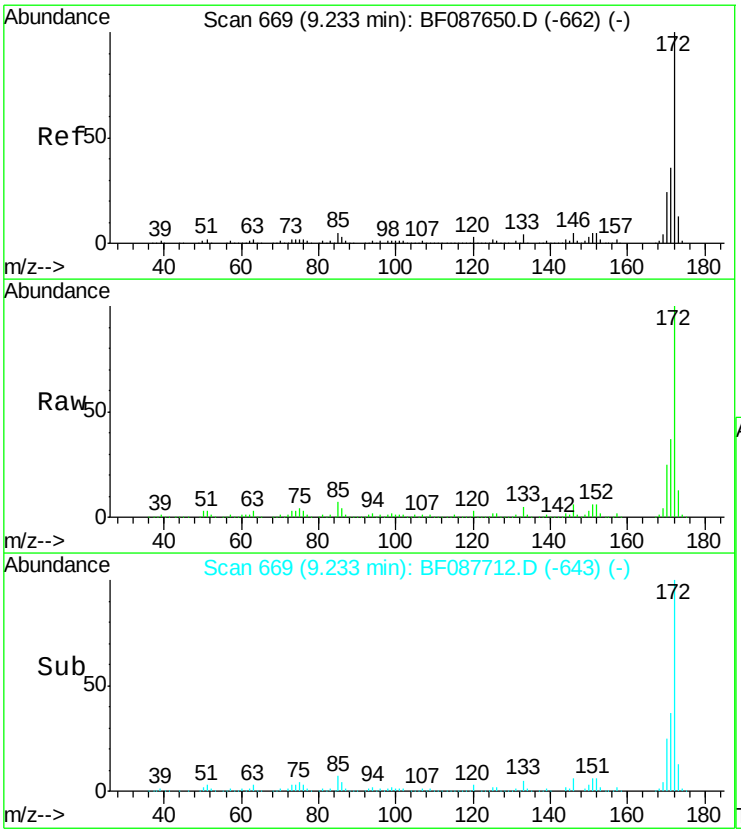
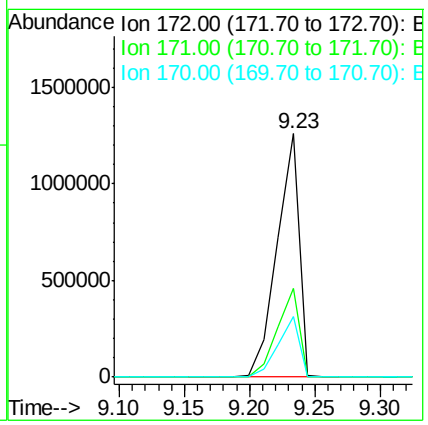
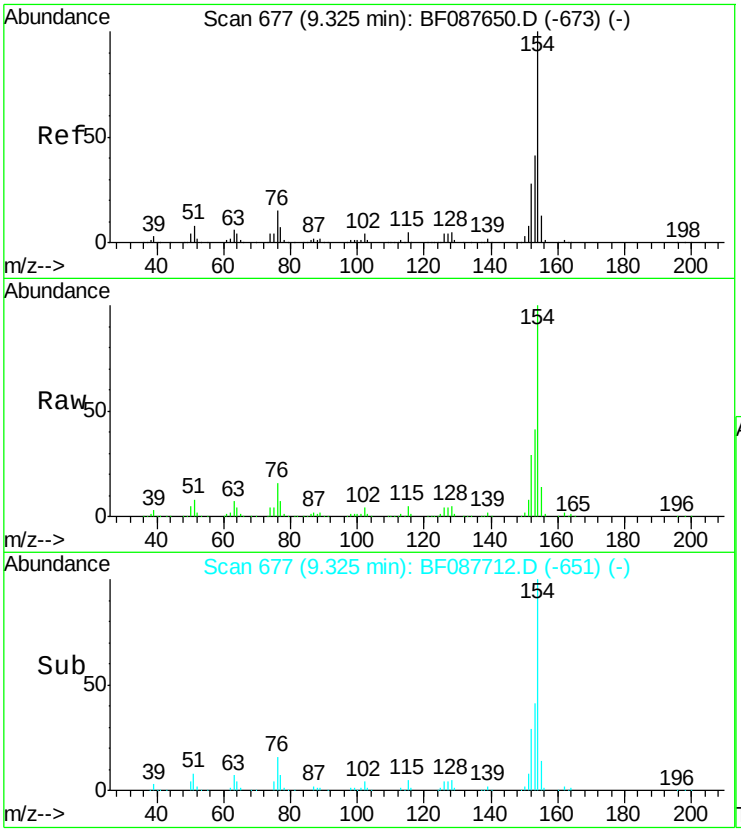


#44
2-Fluorobiphenyl
Concen: 67.83 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:172 Resp: 1505601

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	43.0
170	25.0	19.2	28.8

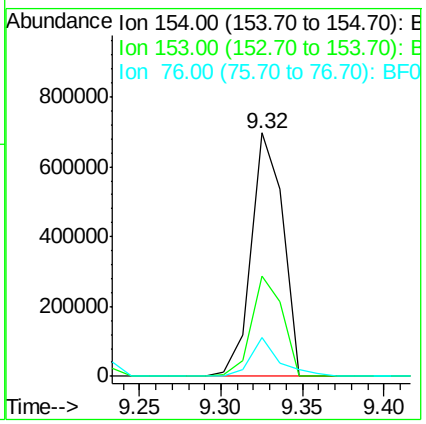




#45
1,1'-Biphenyl
Concen: 36.05 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:154 Resp: 935503

Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.6	60.6
76	15.7	0.0	35.1



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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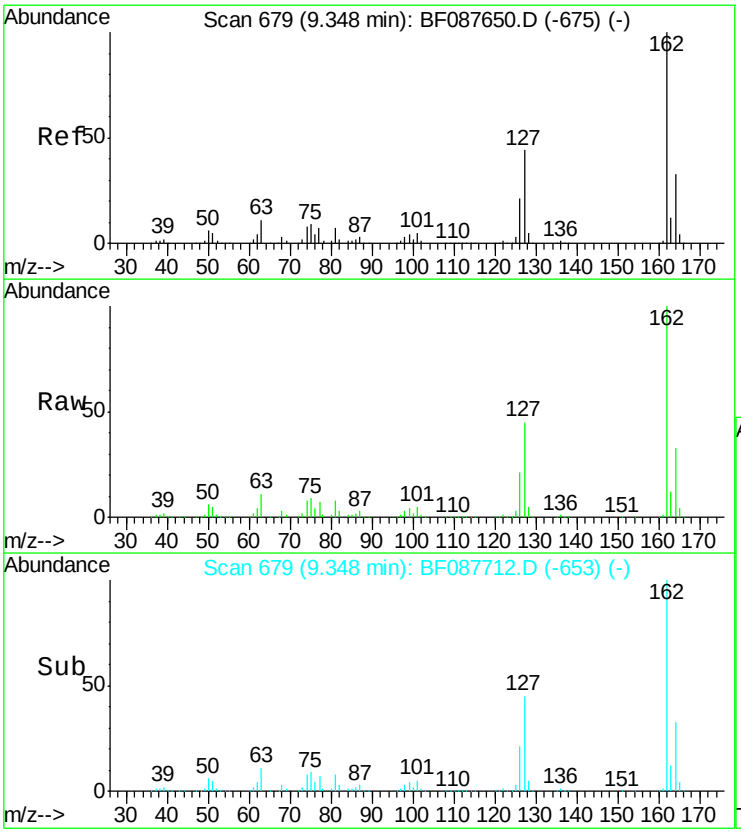
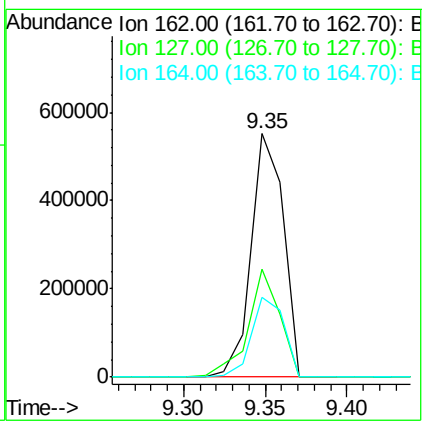
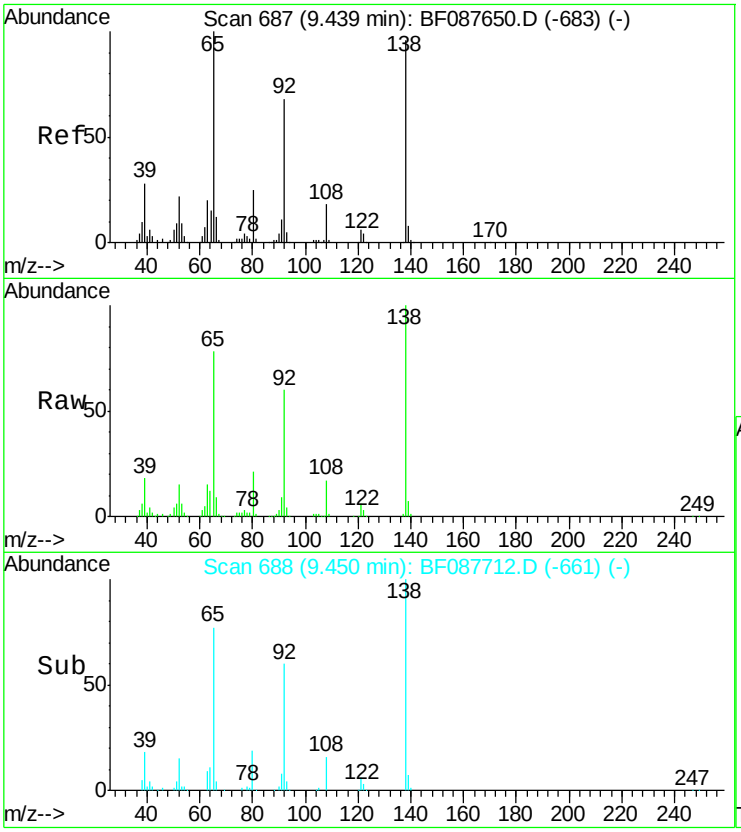


#46
2-Chloronaphthalene
Concen: 36.75 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:162 Resp: 759138

Ion	Ratio	Lower	Upper
162	100		
127	44.5	35.2	52.8
164	33.0	26.6	39.8

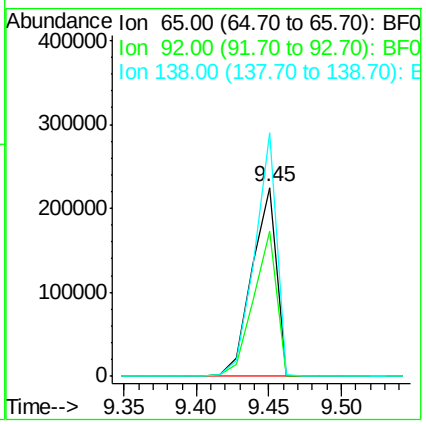




#47
2-Nitroaniline
Concen: 45.43 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion: 65 Resp: 264289

Ion	Ratio	Lower	Upper
65	100		
92	76.9	54.6	82.0
138	128.9	77.0	115.4#



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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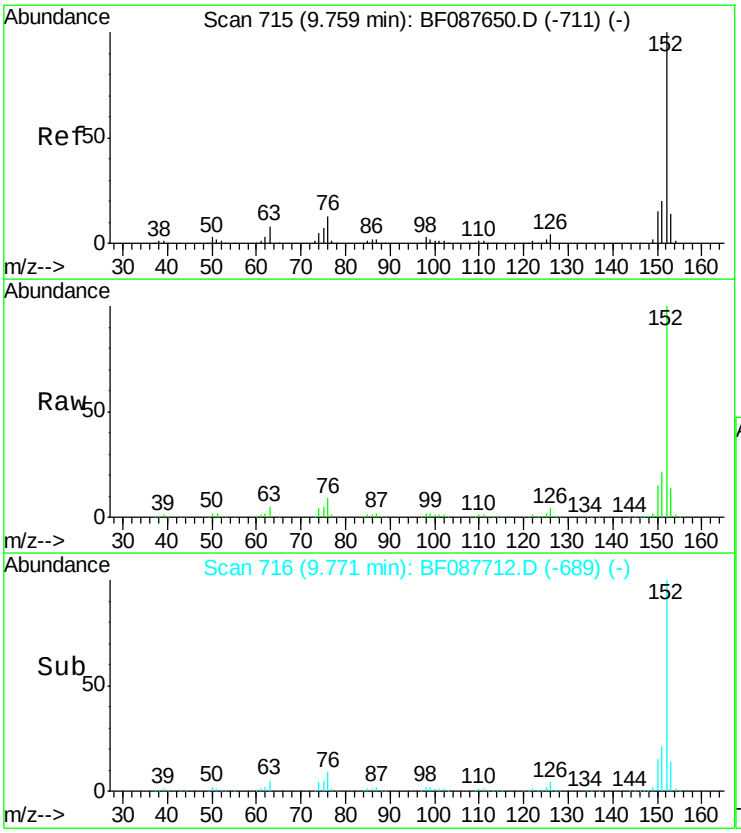
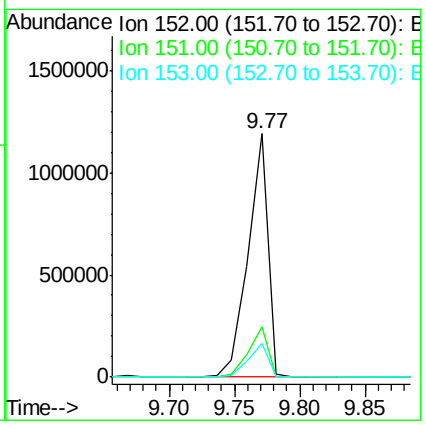
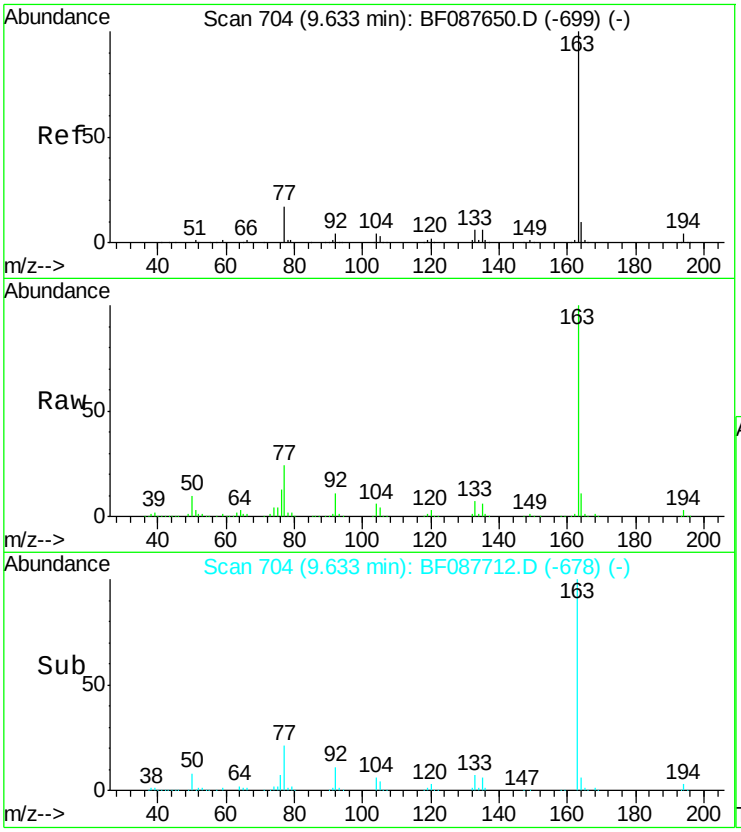


#48
Acenaphthylene
Concen: 39.07 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:152 Resp: 1258791

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.4
153	13.7	11.0	16.6

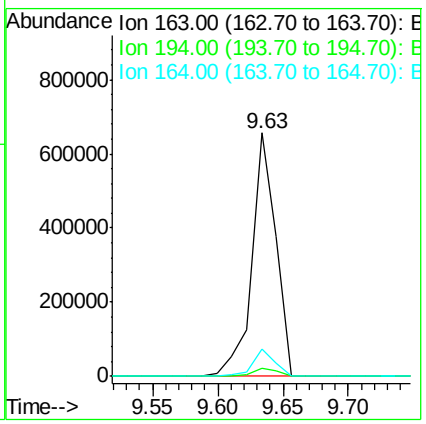




#49
Dimethylphthalate
Concen: 36.06 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:163 Resp: 838396

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	11.0	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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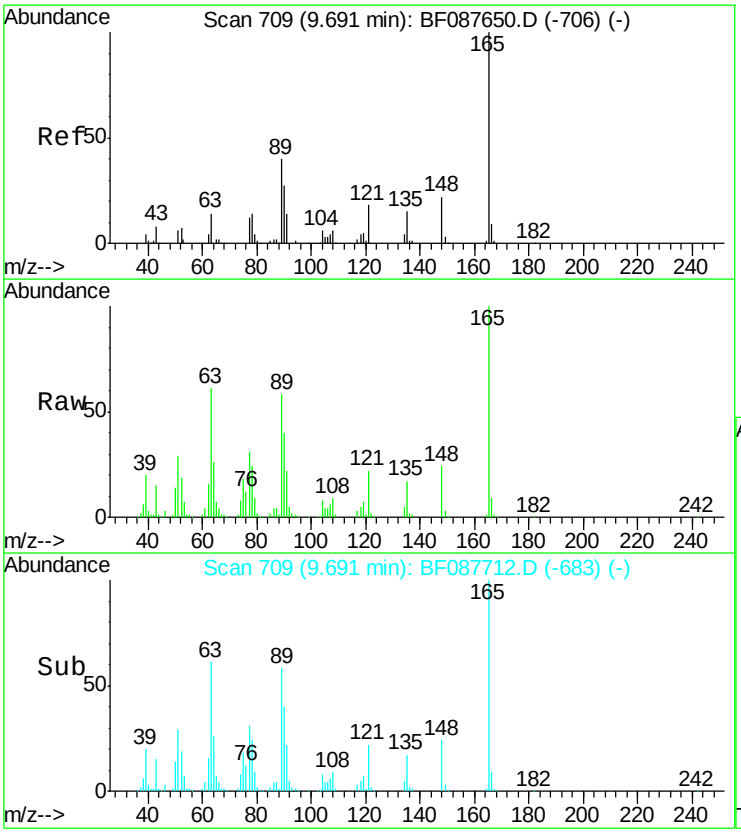
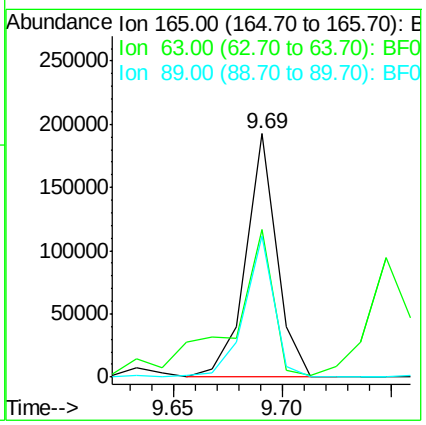
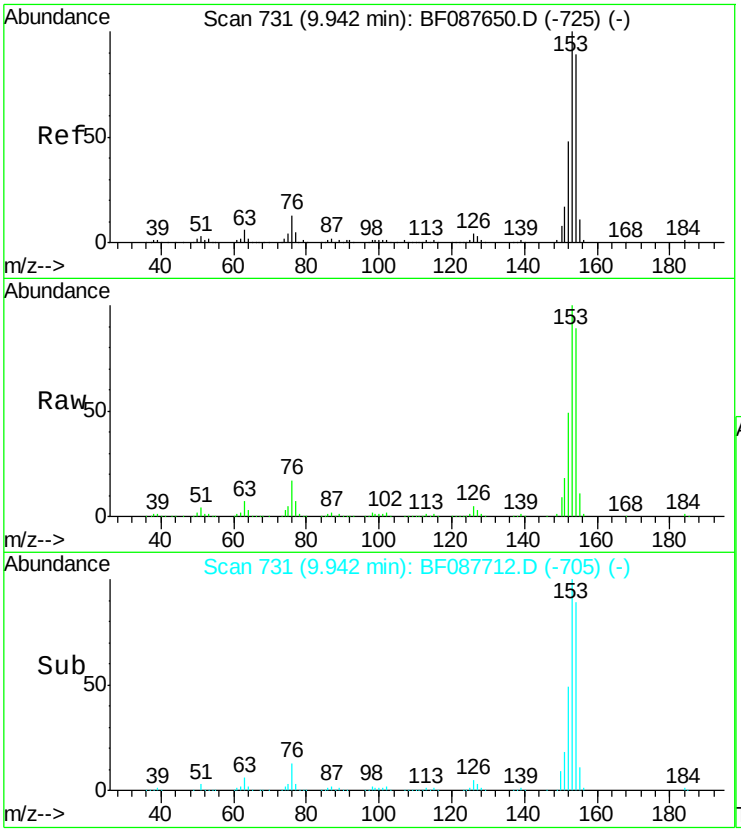


#50
2,6-Dinitrotoluene
Concen: 36.13 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:165 Resp: 191086

Ion	Ratio	Lower	Upper
165	100		
63	60.7	28.1	42.1#
89	58.3	32.2	48.2#

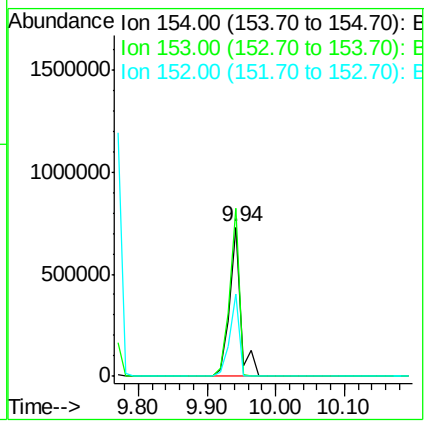




#51
Acenaphthene
Concen: 40.75 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:154 Resp: 844751

Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.5	134.3
152	54.7	42.7	64.1



Instrument :
BNA_F
ClientSampleId :
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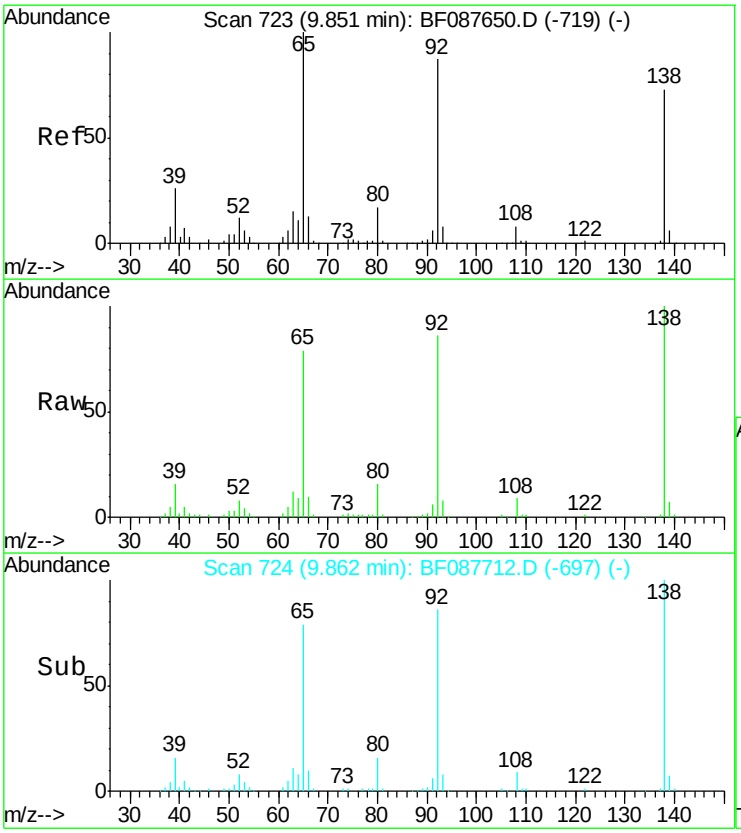
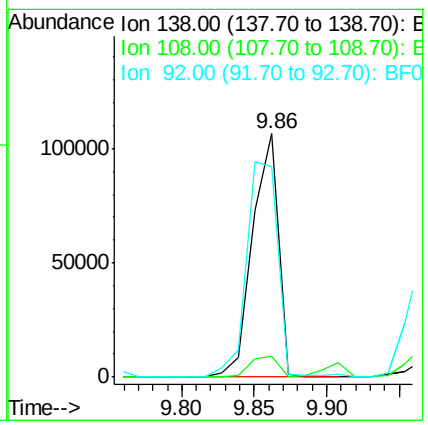
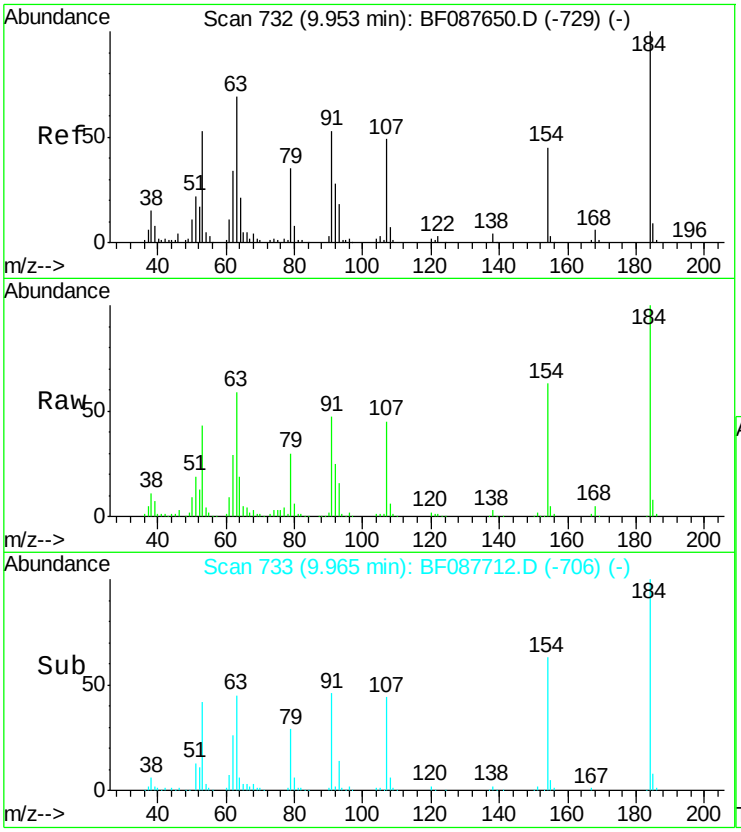


#52
3-Nitroaniline
Concen: 21.73 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:138 Resp: 131481

Ion	Ratio	Lower	Upper
138	100		
108	8.6	8.5	12.7
92	86.2	95.7	143.5#

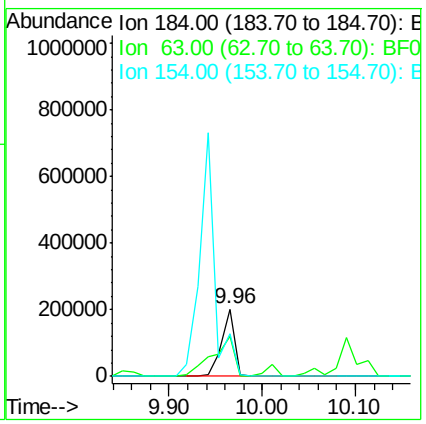




#53
2,4-Dinitrophenol
Concen: 81.87 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:184 Resp: 196759

Ion	Ratio	Lower	Upper
184	100		
63	59.2	57.6	86.4
154	63.0	53.5	80.3



Instrument :
BNA_F
ClientSampleId :
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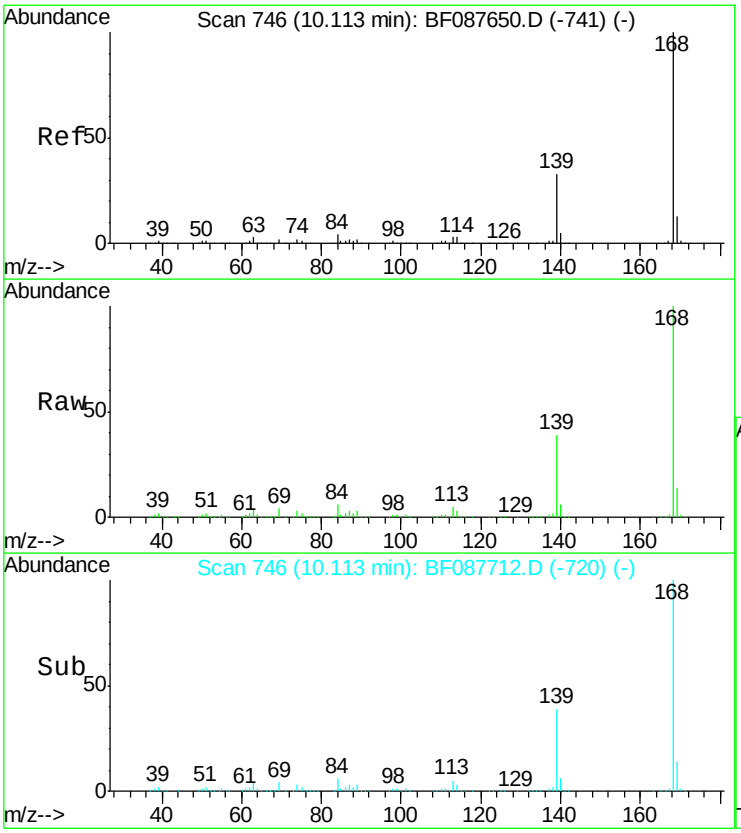
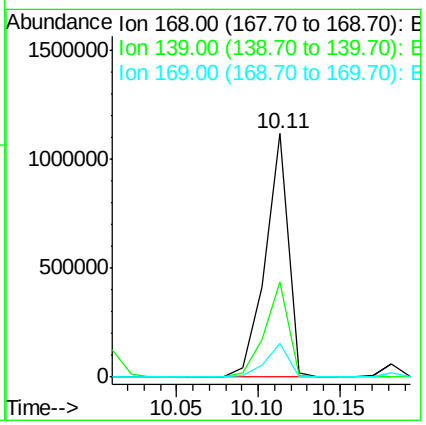
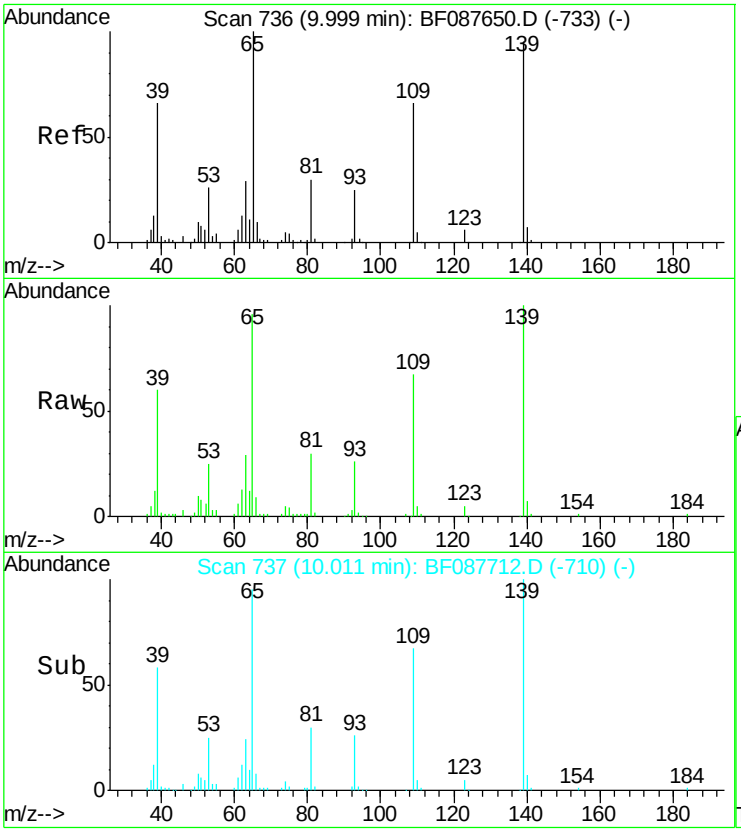


#54
Dibenzofuran
Concen: 38.72 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:168 Resp: 1092688

Ion	Ratio	Lower	Upper
168	100		
139	39.3	26.4	39.6
169	14.0	10.4	15.6

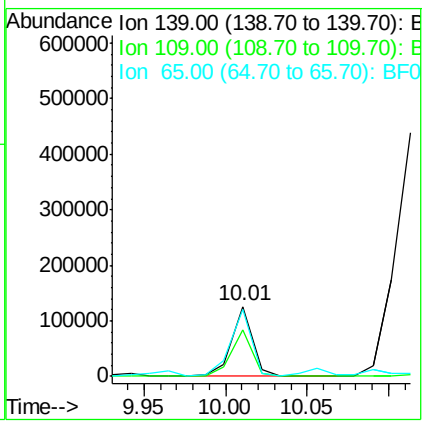




#55
4-Nitrophenol
Concen: 21.99 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:139 Resp: 113732

Ion	Ratio	Lower	Upper
139	100		
109	67.1	48.9	88.9
65	95.6	84.9	124.9



Instrument :
BNA_F
ClientSampleId :
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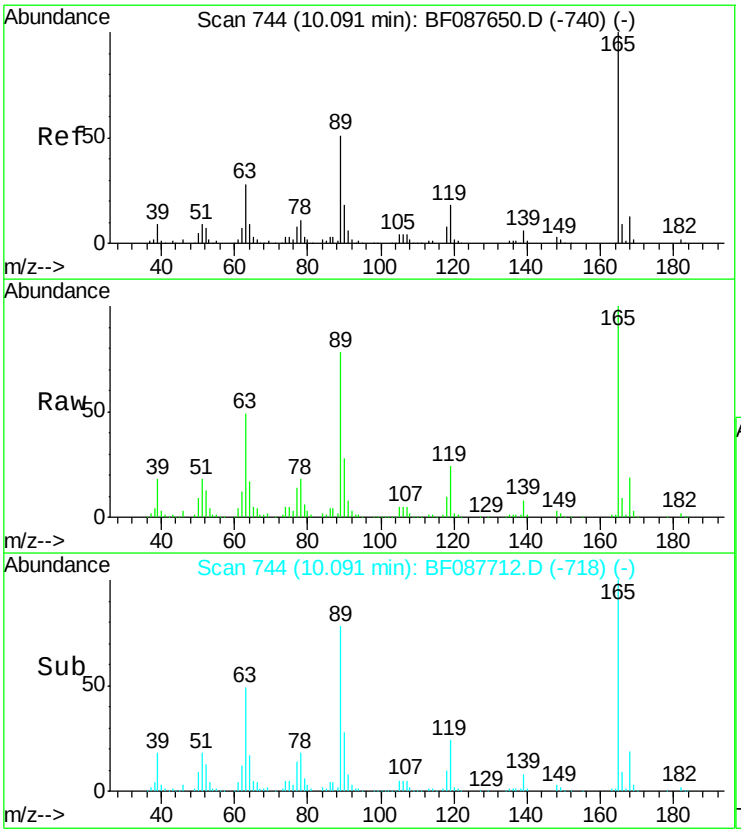
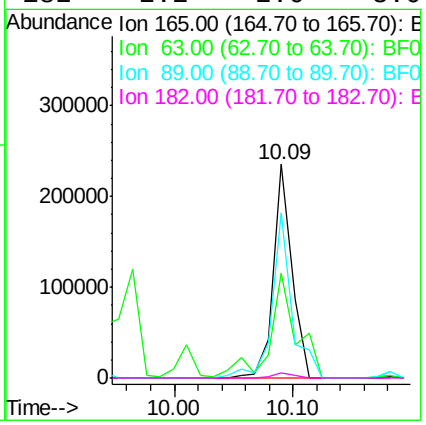
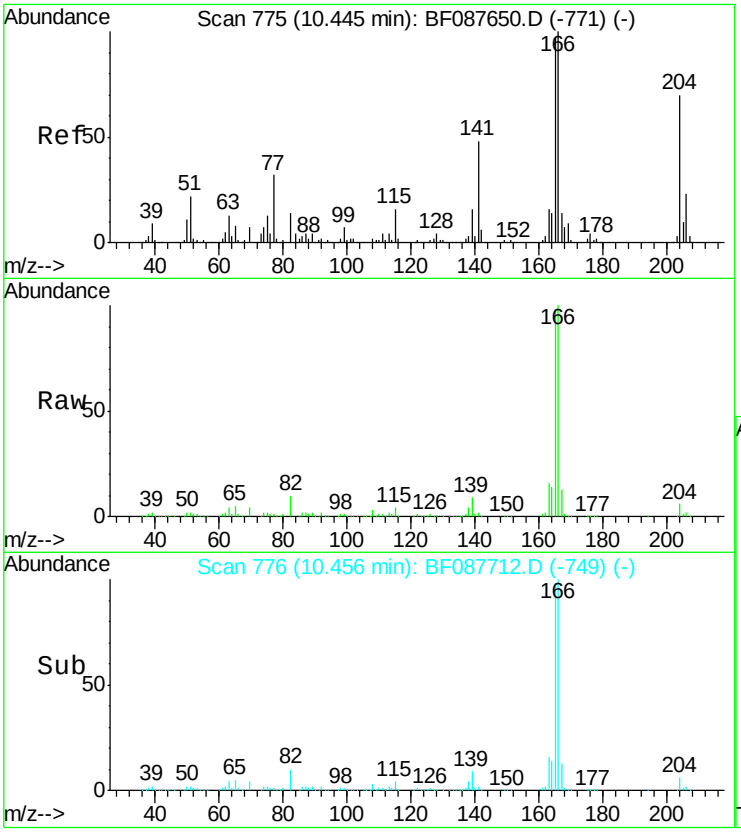


#56
2,4-Dinitrotoluene
Concen: 38.00 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:165 Resp: 255967

Ion	Ratio	Lower	Upper
165	100		
63	48.9	22.0	33.0#
89	77.5	41.1	61.7#
182	2.2	2.0	3.0

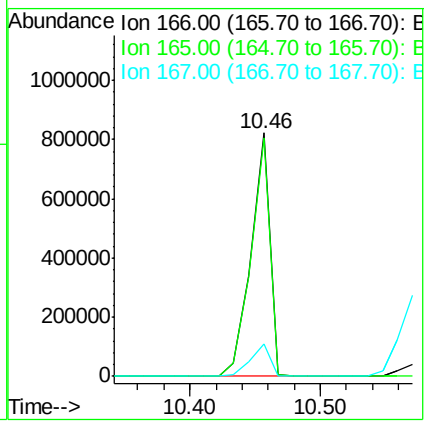




#57
Fluorene
Concen: 37.71 ng
RT: 10.46 min Scan# 776
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:166 Resp: 831945

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.8	116.8
167	13.4	11.2	16.8



Instrument :
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ClientSampleId :
SP16-JMW0991MSD

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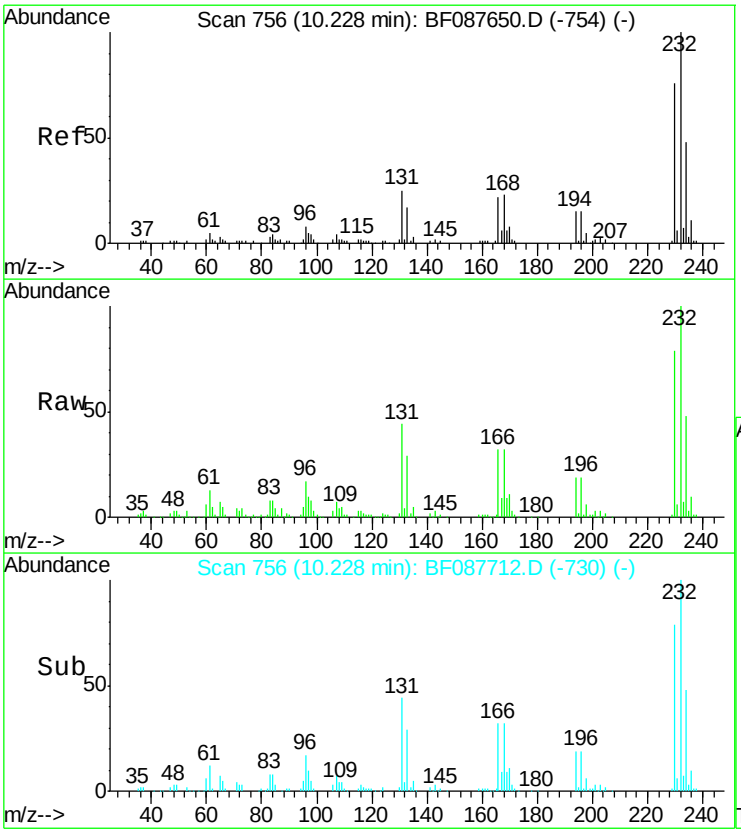
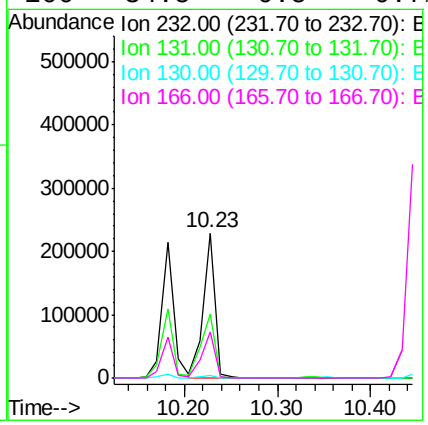
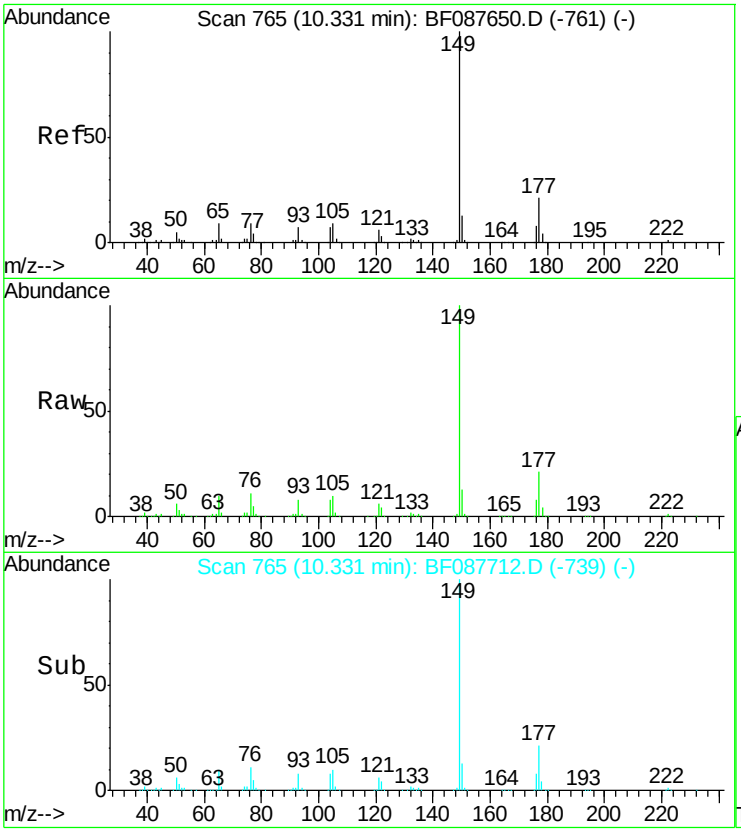


#58
2,3,4,6-Tetrachlorophenol
Concen: 38.63 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:232 Resp: 206105

Ion	Ratio	Lower	Upper
232	100		
131	51.2	0.9	1.3#
130	2.6	1.5	2.3#
166	34.5	0.5	0.7#

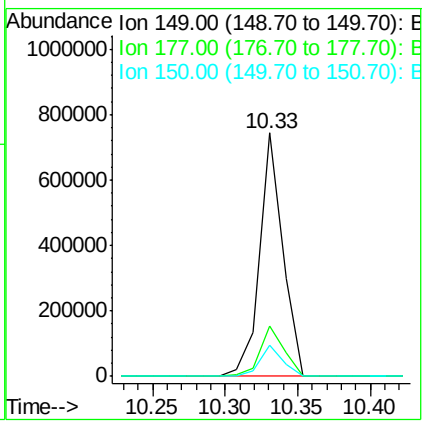




#59
Diethylphthalate
Concen: 35.23 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:149 Resp: 822662

Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.9	25.3
150	13.0	10.1	15.1



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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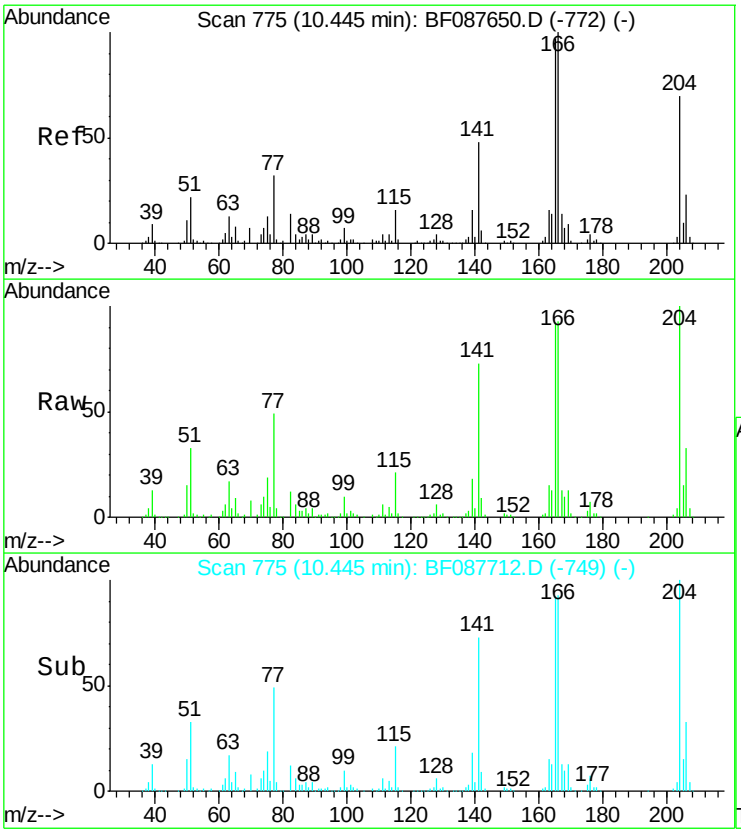
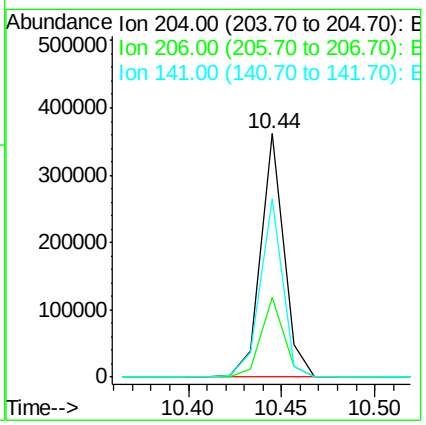
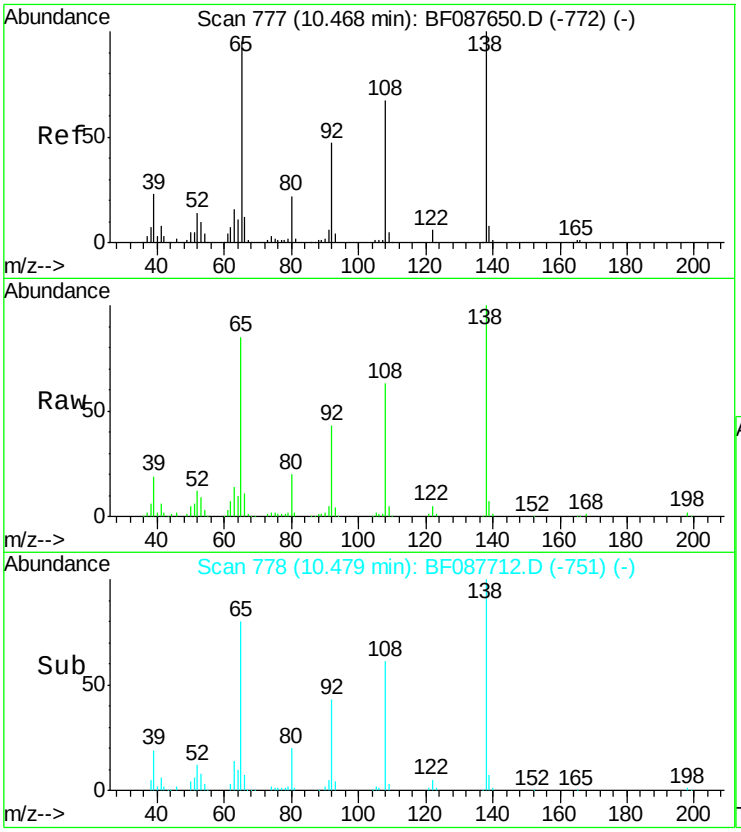


#60
4-Chlorophenyl-phenylether
Concen: 32.48 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:204 Resp: 307762

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.3	39.5
141	73.3	55.0	82.6

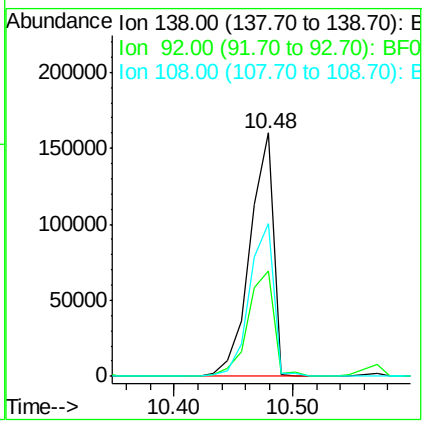




#61
4-Nitroaniline
Concen: 38.17 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:138 Resp: 222031

Ion	Ratio	Lower	Upper
138	100		
92	43.4	27.3	67.3
108	62.9	46.7	86.7



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Manual Integrations APPROVED
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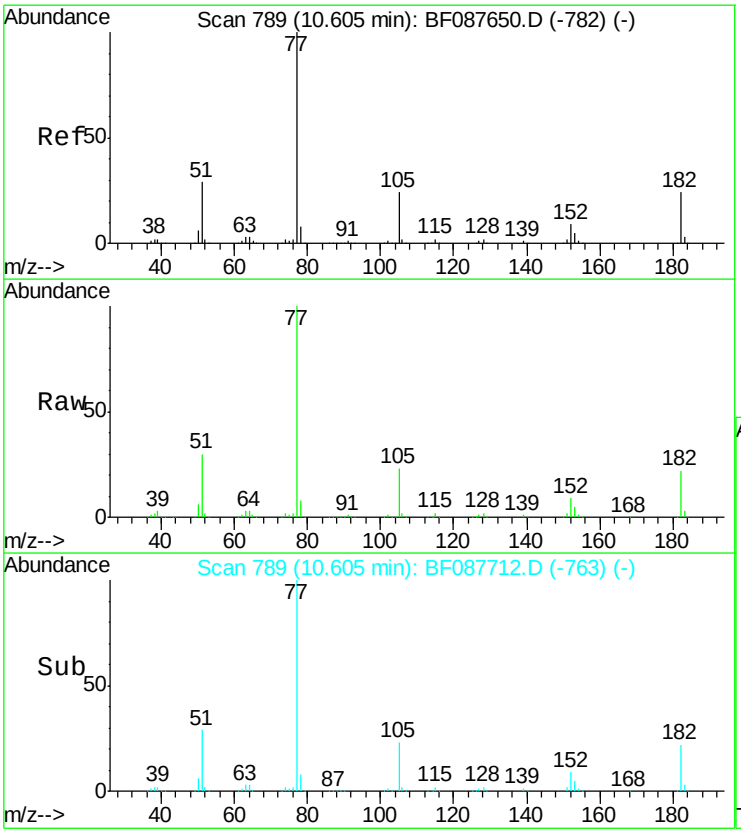
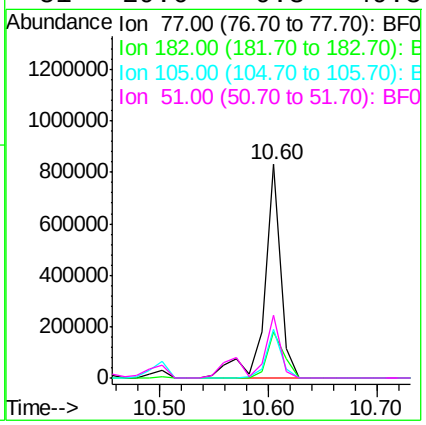
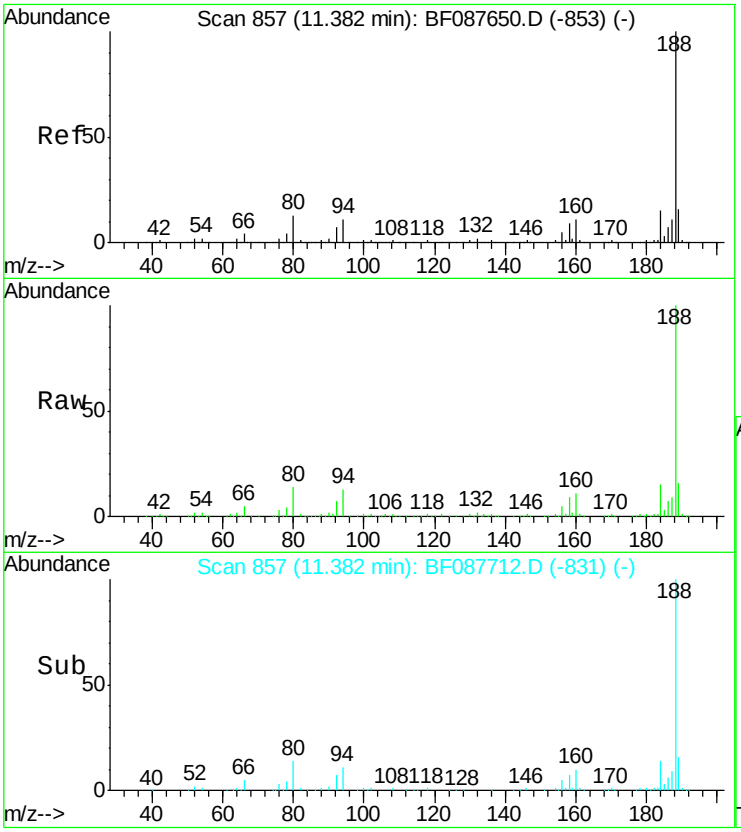


#62
Azobenzene
Concen: 37.03 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion: 77 Resp: 870316

Ion	Ratio	Lower	Upper
77	100		
182	21.8	4.4	44.4
105	23.0	3.8	43.8
51	29.6	9.3	49.3





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:188 Resp: 545218

Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.0	13.6
80	13.8	10.0	15.0

Instrument :
BNA_F
ClientSampleId :
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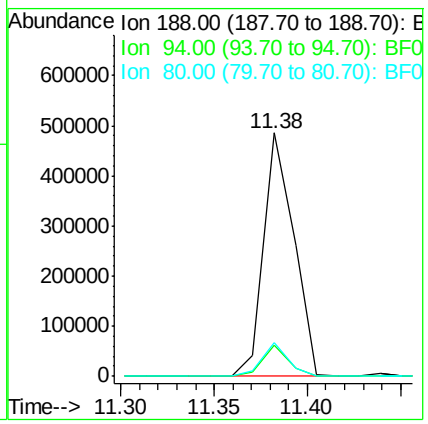
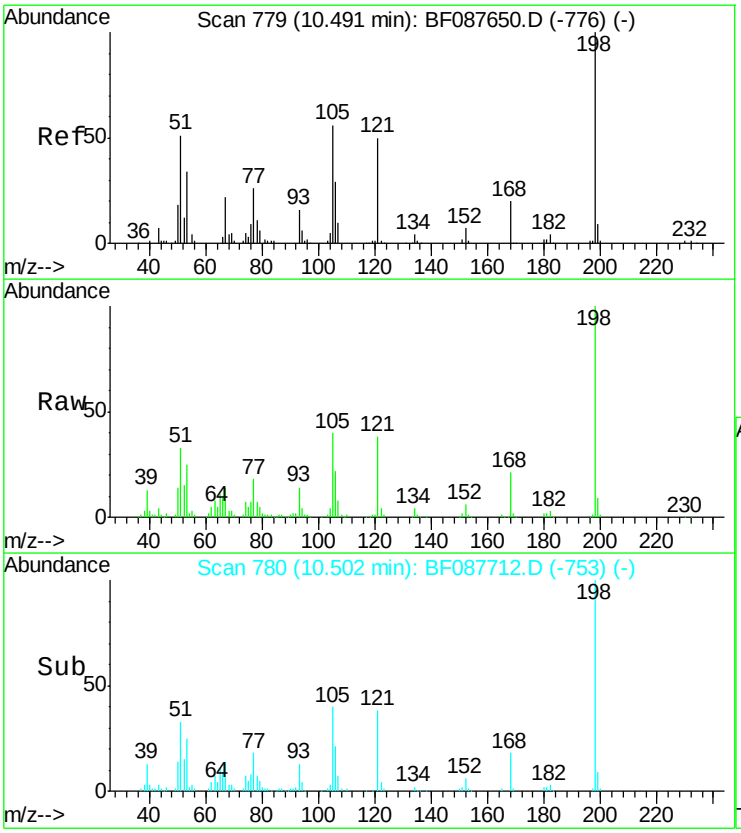
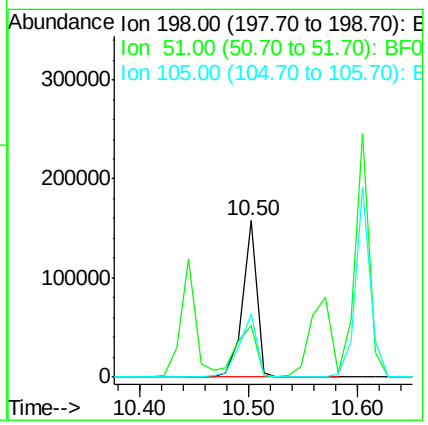


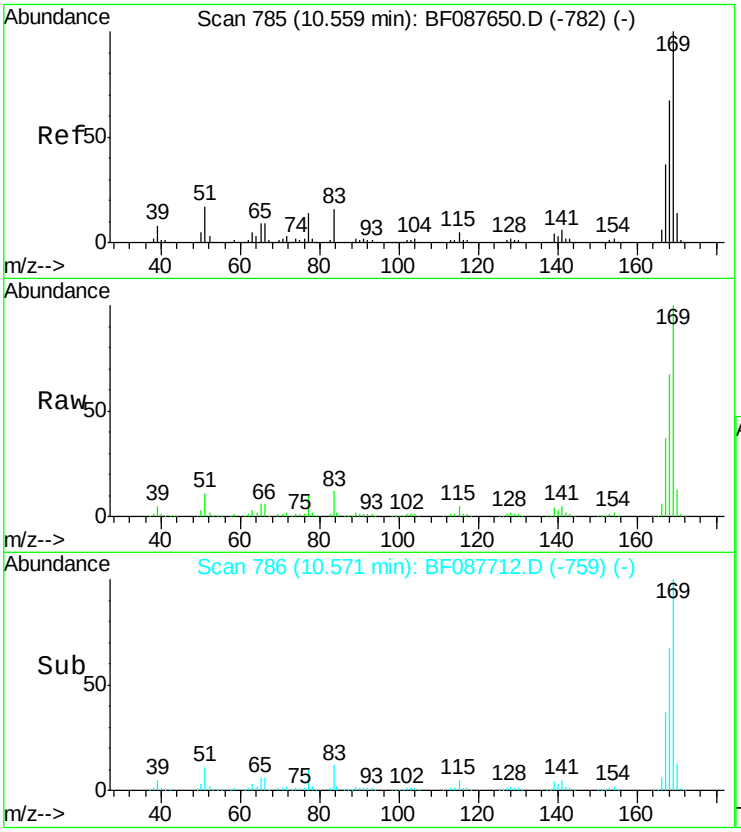


#64
4,6-Dinitro-2-methylphenol
Concen: 46.97 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:198 Resp: 142203

Ion	Ratio	Lower	Upper
198	100		
51	33.2	39.6	79.6#
105	40.0	36.6	76.6

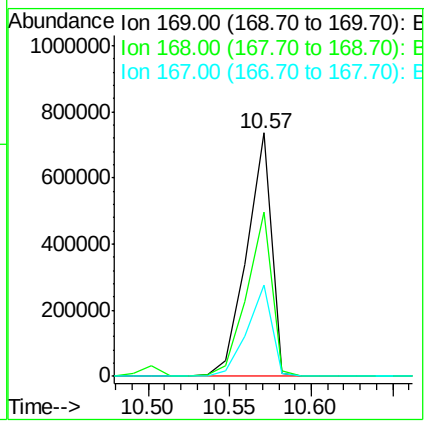




#65
n-Nitrosodiphenylamine
Concen: 43.62 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:169 Resp: 778893

Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.4	80.0
167	37.3	29.4	44.0



Instrument :
BNA_F
ClientSampleId :
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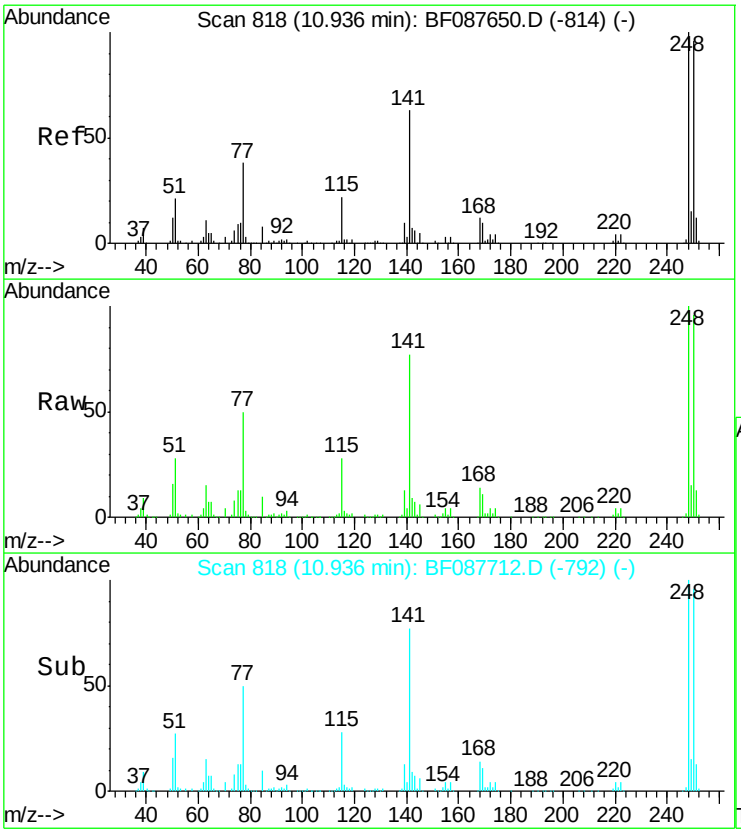
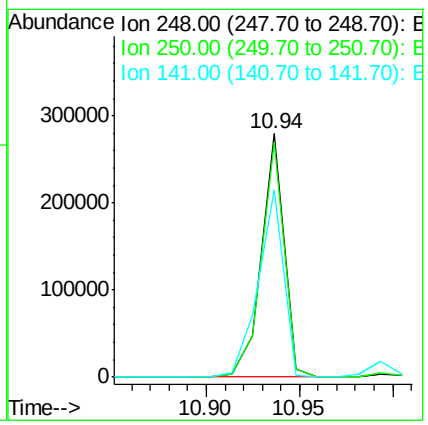
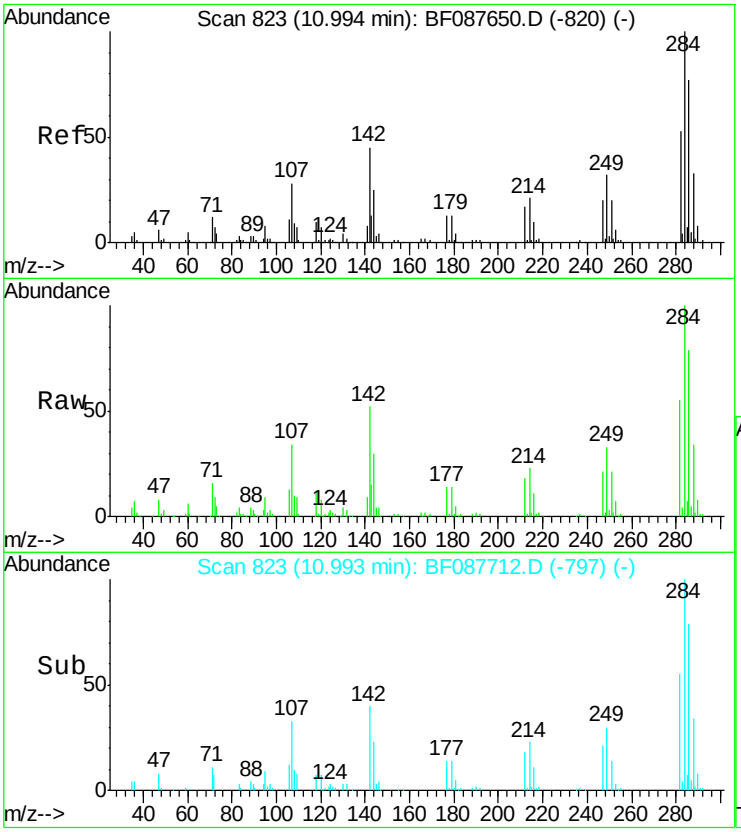


#66
4-Bromophenyl-phenylether
Concen: 43.10 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:248 Resp: 233005

Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.1	115.7
141	77.0	50.6	76.0#

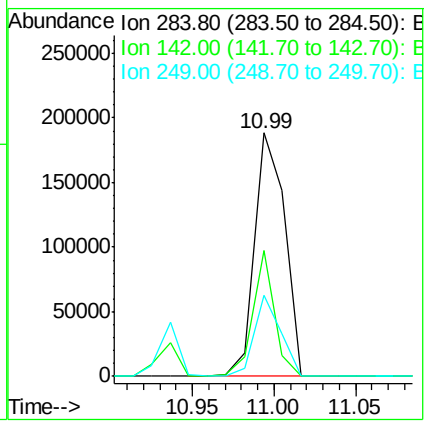




#67
Hexachlorobenzene
Concen: 40.01 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:284 Resp: 241869

Ion	Ratio	Lower	Upper
284	100		
142	51.6	35.8	53.8
249	33.3	25.8	38.6



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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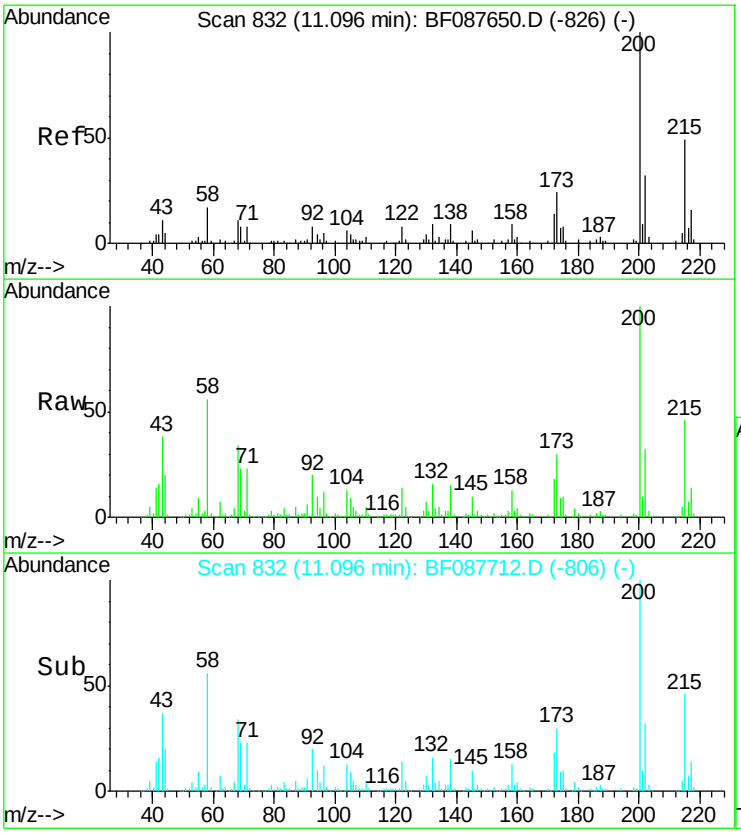
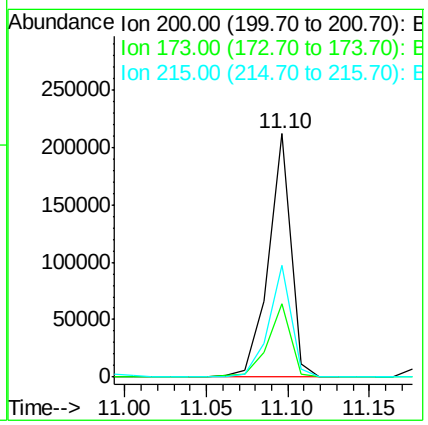
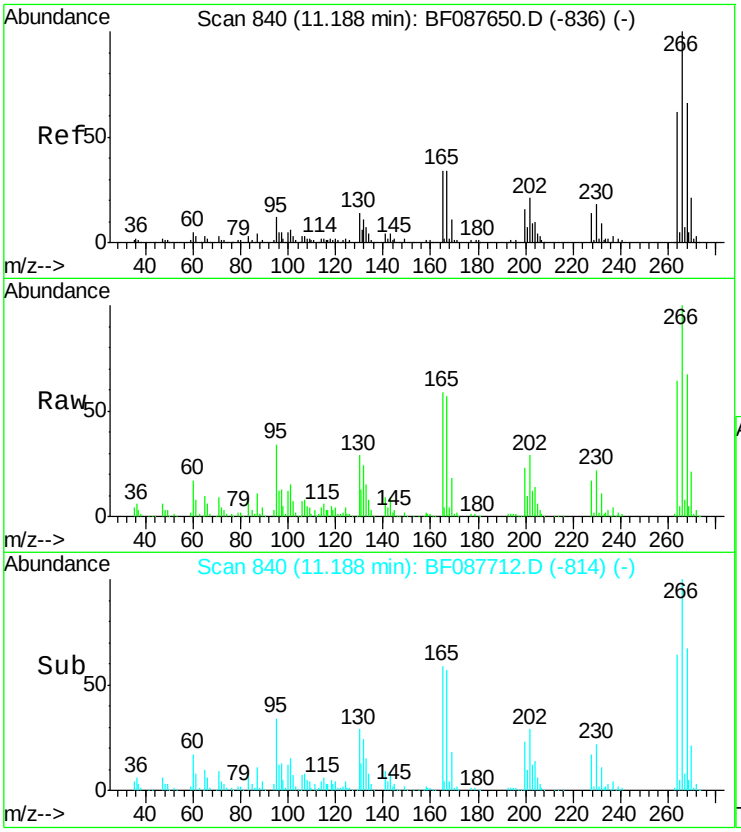


#68
Atrazine
Concen: 38.57 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:200 Resp: 204012

Ion	Ratio	Lower	Upper
200	100		
173	30.4	4.0	44.0
215	45.8	29.3	69.3

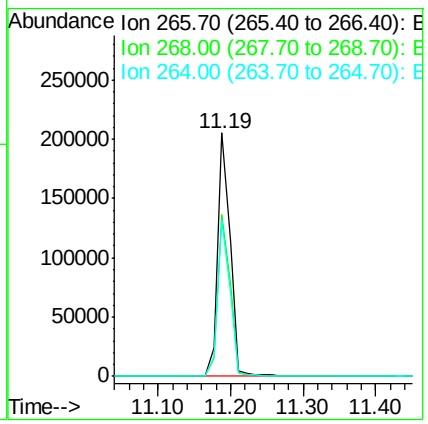




#69
Pentachlorophenol
Concen: 68.29 ng
RT: 11.19 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:266 Resp: 245321

Ion	Ratio	Lower	Upper
266	100		
268	66.5	52.8	79.2
264	64.4	49.6	74.4



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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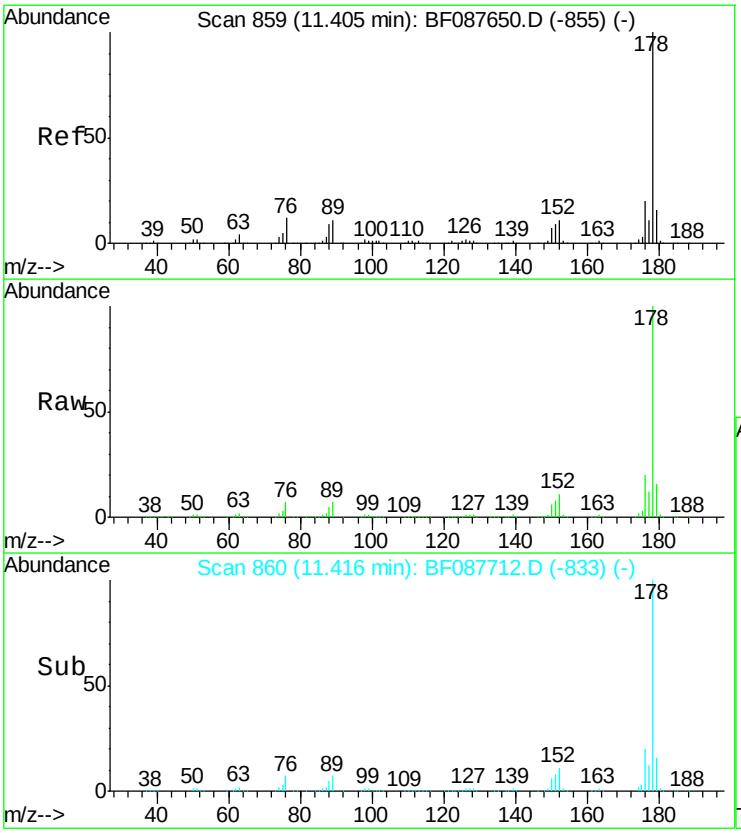
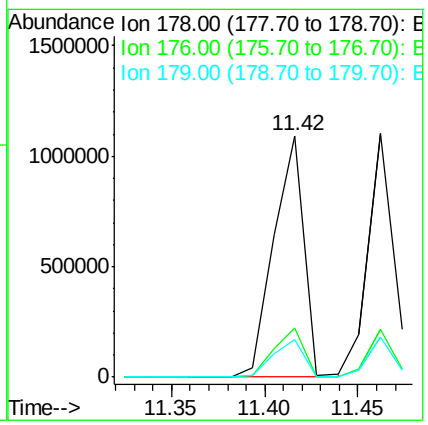
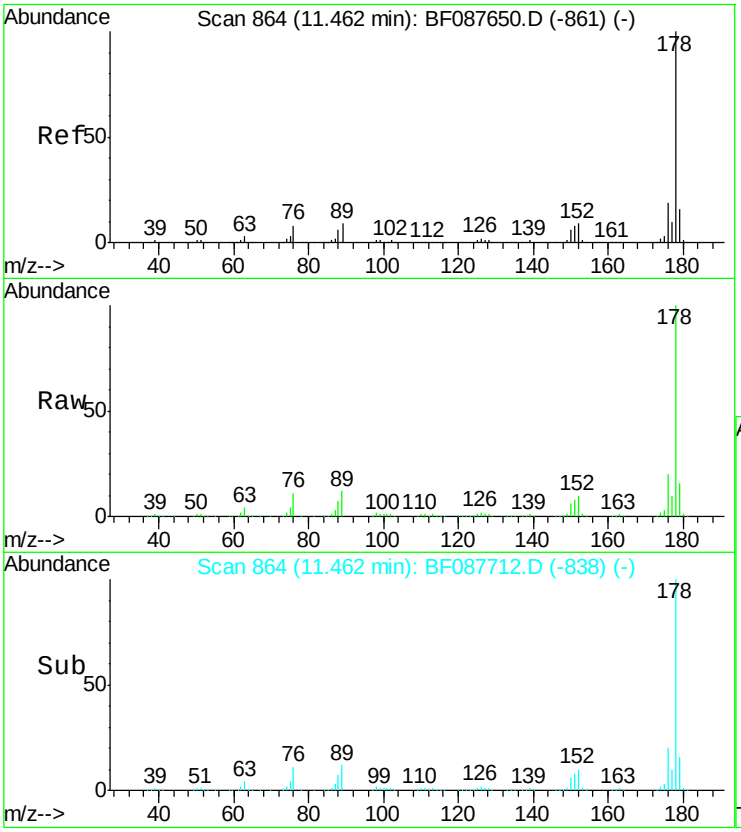


#70
Phenanthrene
Concen: 41.87 ng
RT: 11.42 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:178 Resp: 1237857

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	15.7	13.0	19.4

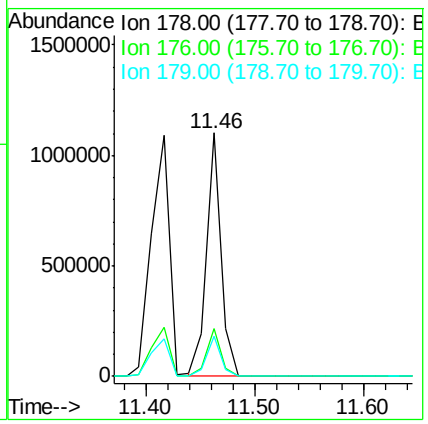




#71
Anthracene
Concen: 35.21 ng
RT: 11.46 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:178 Resp: 1043050

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.3	12.8	19.2



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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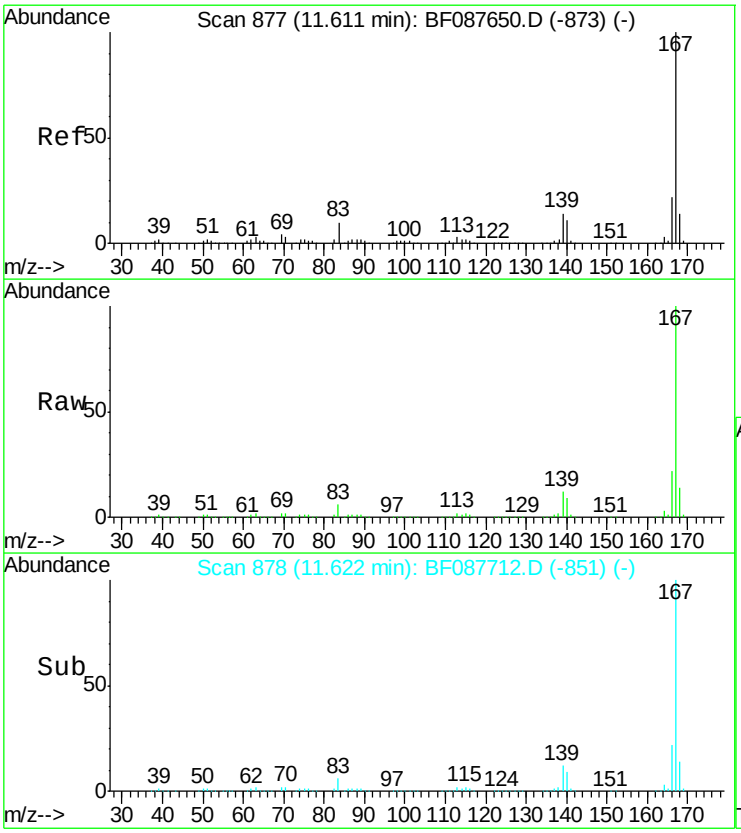
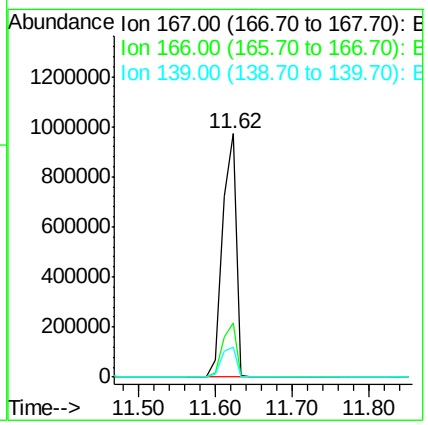
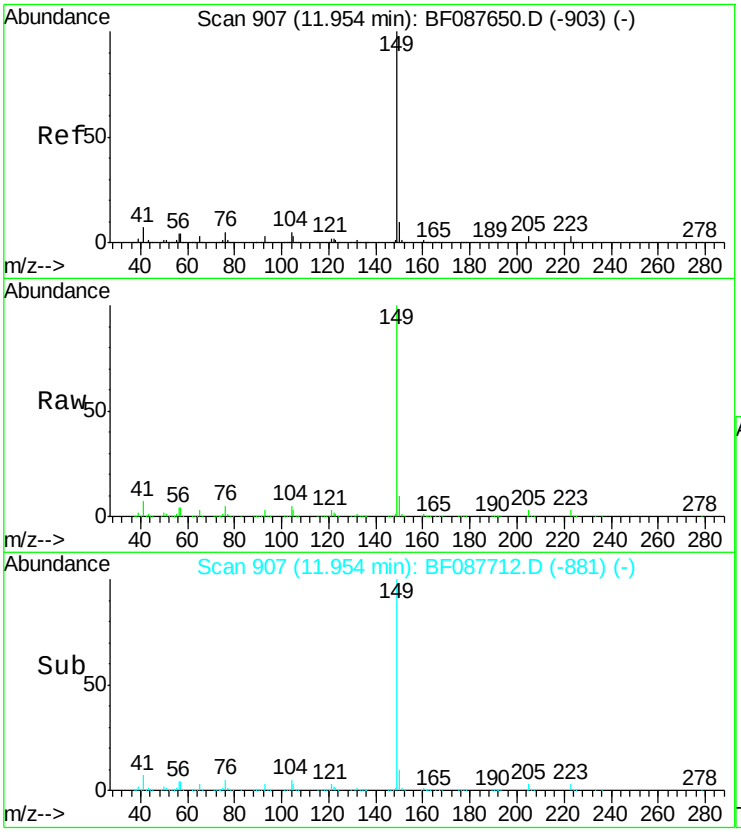


#72
Carbazole
Concen: 43.52 ng
RT: 11.62 min Scan# 878
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:167 Resp: 1220218

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	12.2	11.2	16.8

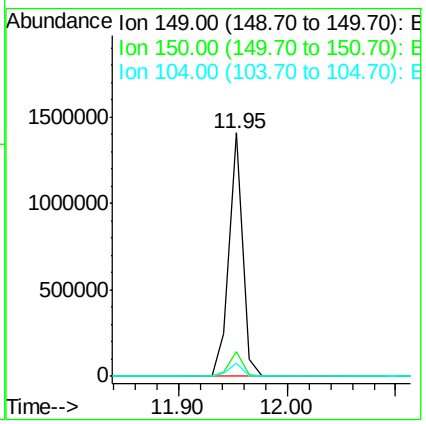




#73
Di-n-butylphthalate
Concen: 40.23 ng
RT: 11.95 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:149 Resp: 1209304

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.6
104	5.3	4.0	6.0



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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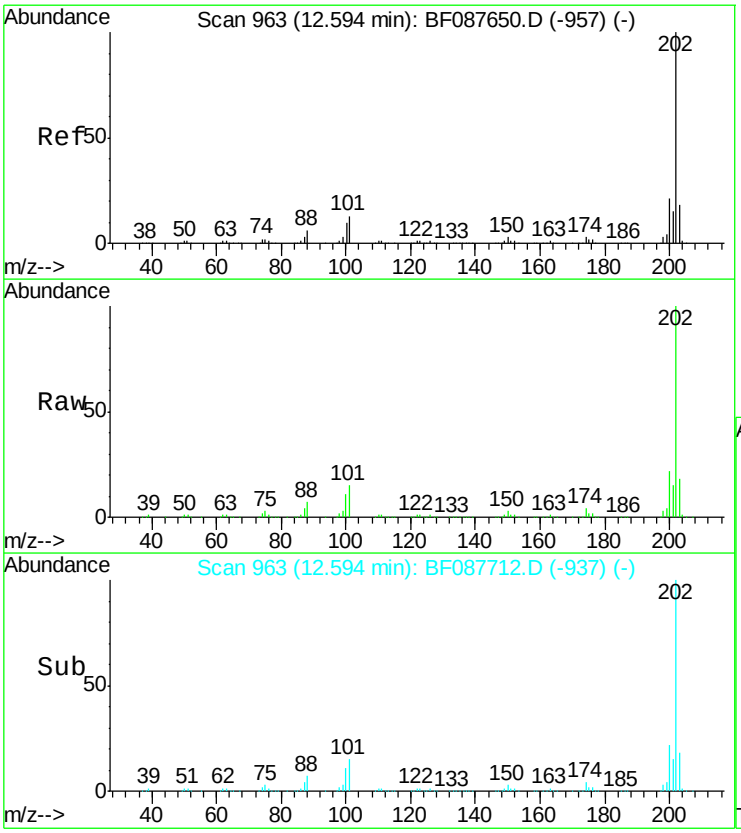
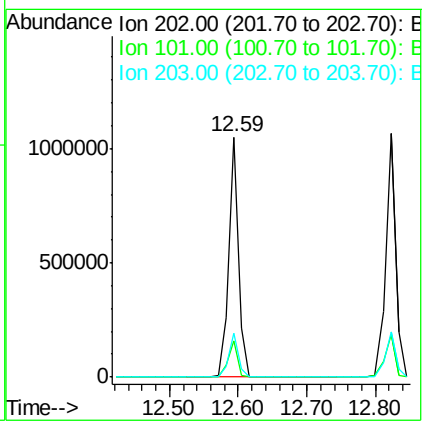
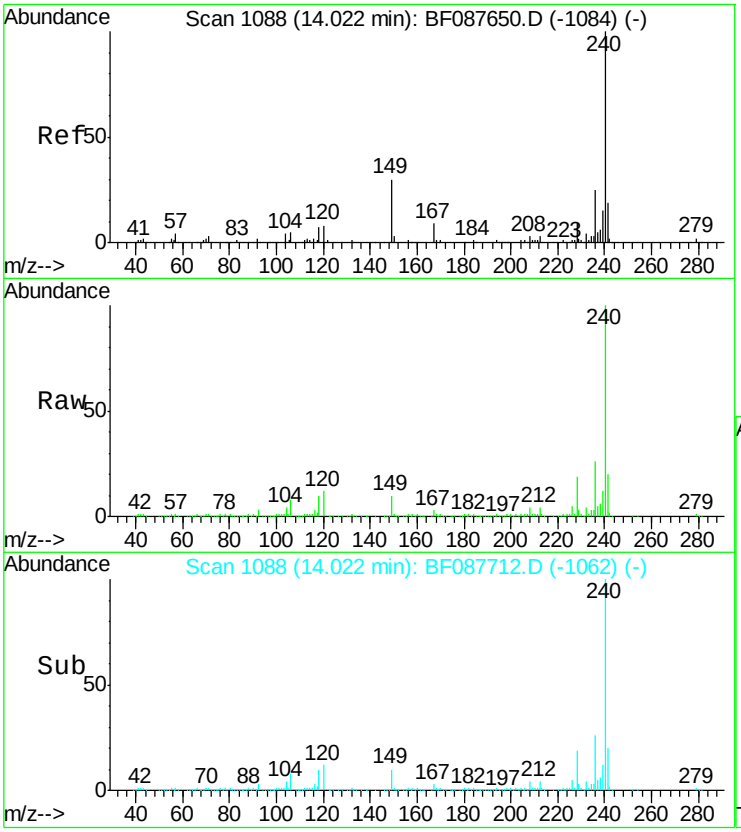


#74
Fluoranthene
Concen: 36.47 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:202 Resp: 1060964

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	33.1
203	18.4	0.0	38.1

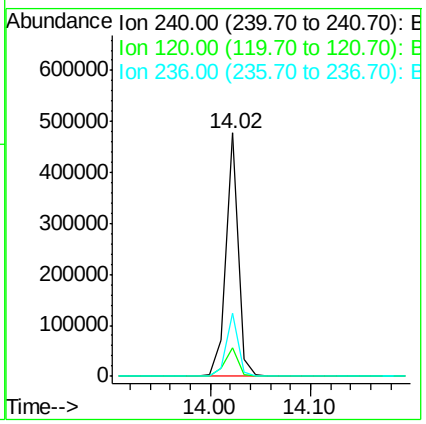




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:240 Resp: 406979

Ion	Ratio	Lower	Upper
240	100		
120	11.6	6.8	10.2#
236	25.9	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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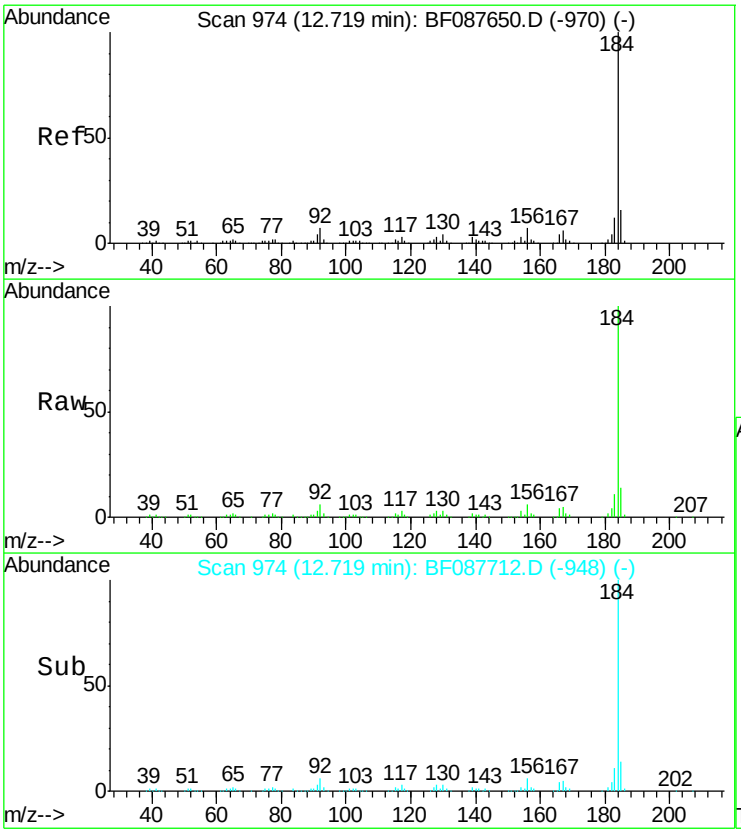
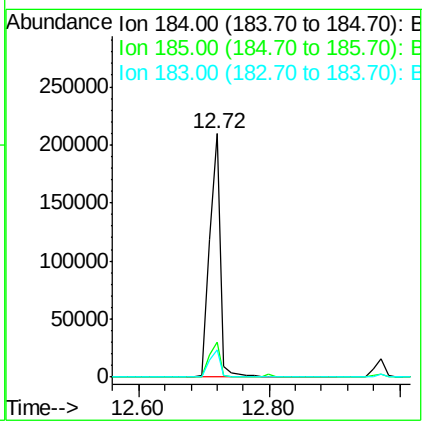
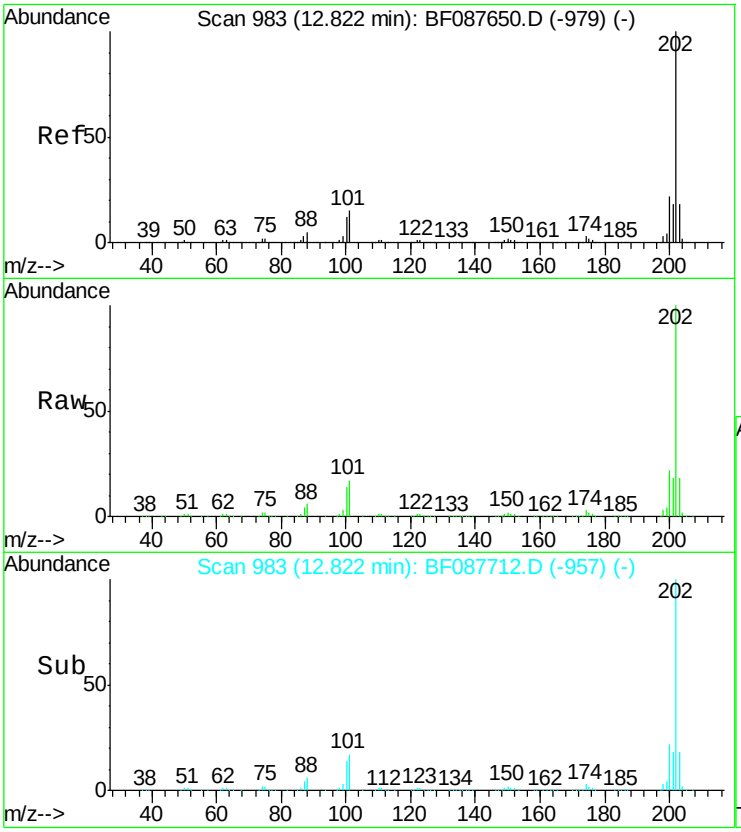


#76
Benzidine
Concen: 14.99 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:184 Resp: 240542

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.5	18.7
183	11.4	9.3	13.9

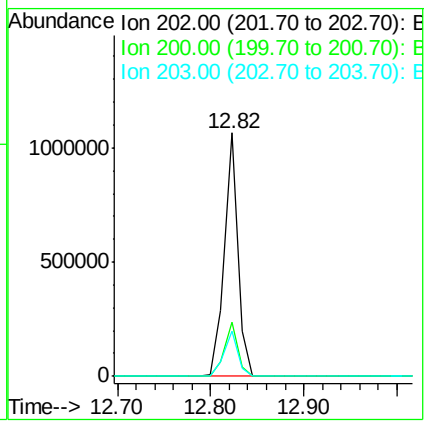




#77
Pyrene
Concen: 37.24 ng
RT: 12.82 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:202 Resp: 1079126

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.4	14.5	21.7



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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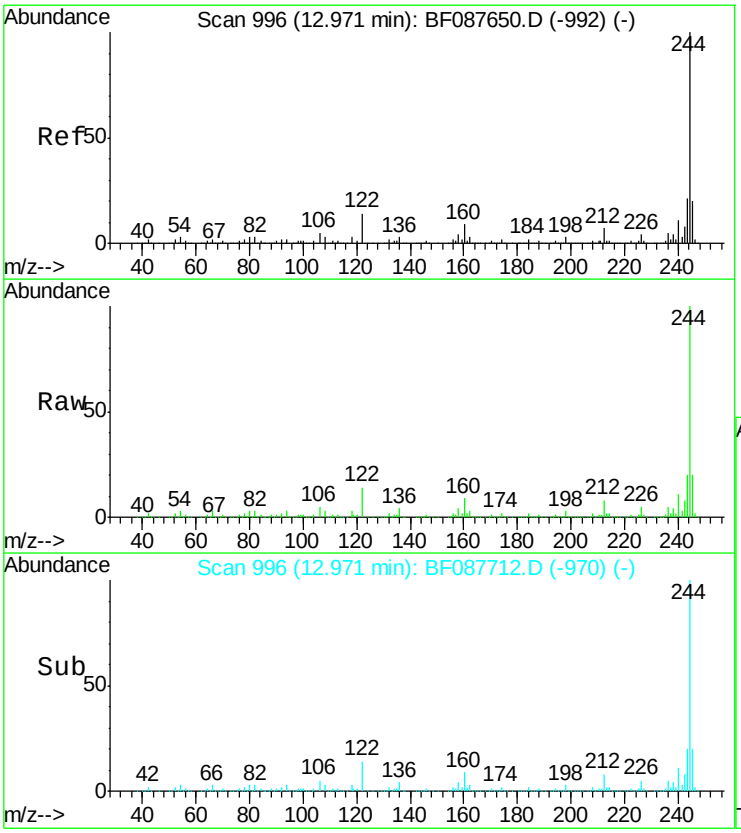
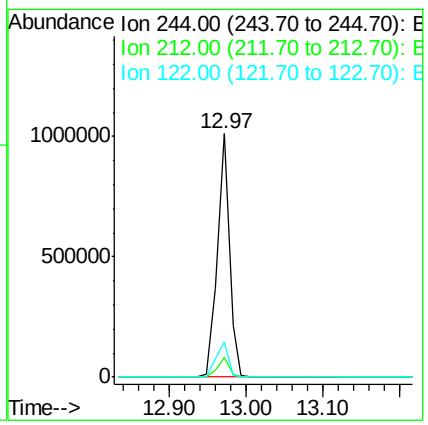
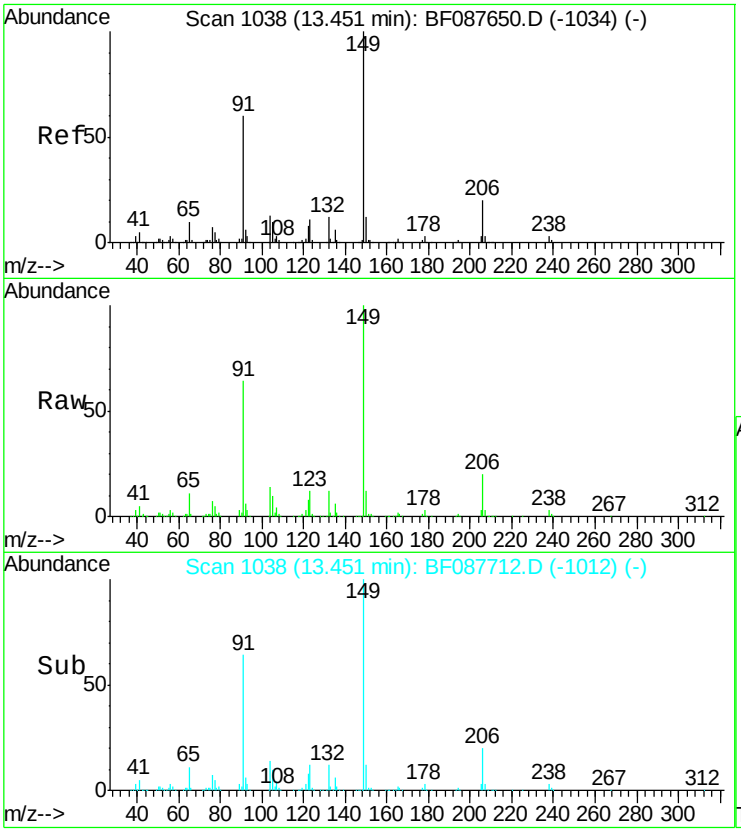


#78
Terphenyl-d14
Concen: 66.42 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:244 Resp: 1107805

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	14.3	11.2	16.8

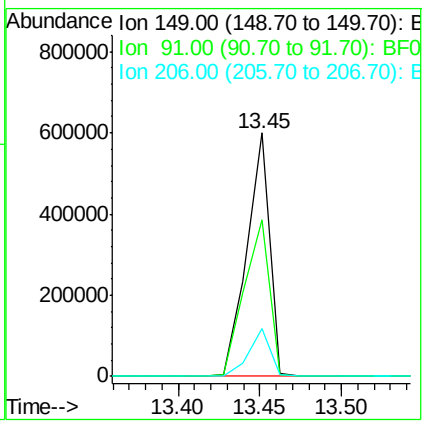




#79
Butylbenzylphthalate
Concen: 47.20 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:149 Resp: 582118

Ion	Ratio	Lower	Upper
149	100		
91	64.2	48.0	72.0
206	19.5	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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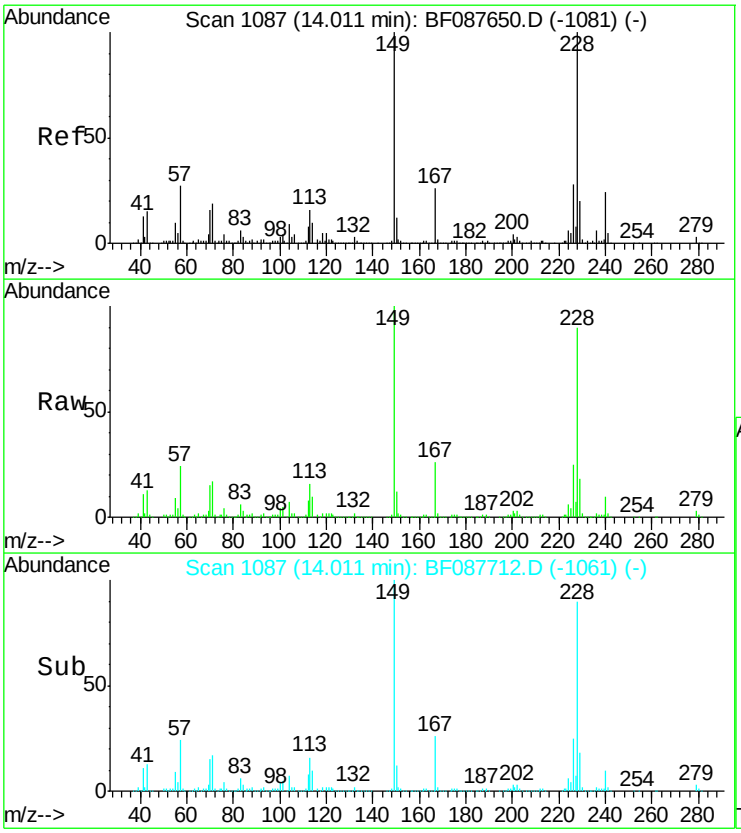
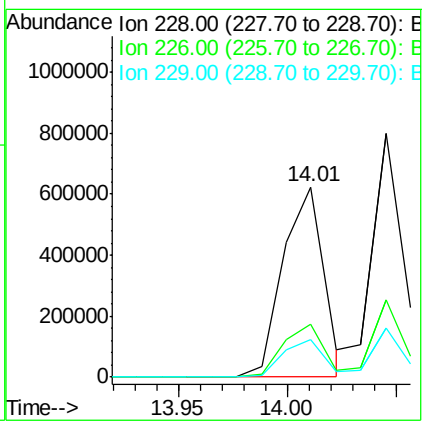
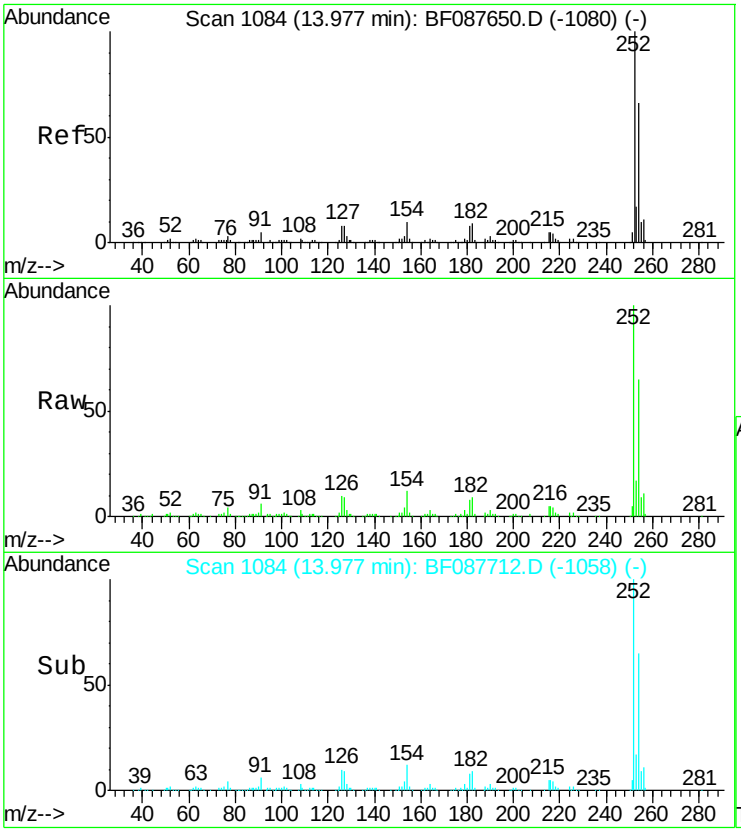


#80
Benzo(a)anthracene
Concen: 34.69 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:228 Resp: 814799

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	19.8	16.0	24.0

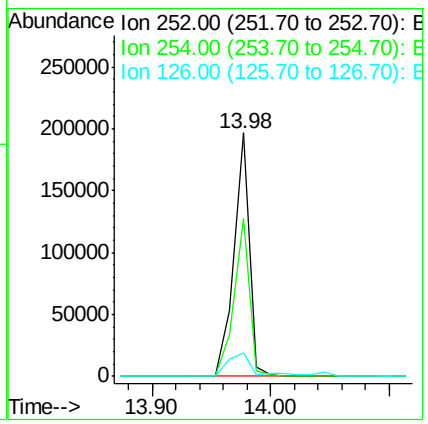




#81
3,3'-Dichlorobenzidine
Concen: 26.92 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:252 Resp: 178391

Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.6	78.8
126	9.6	6.2	9.2#



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Manual Integrations APPROVED
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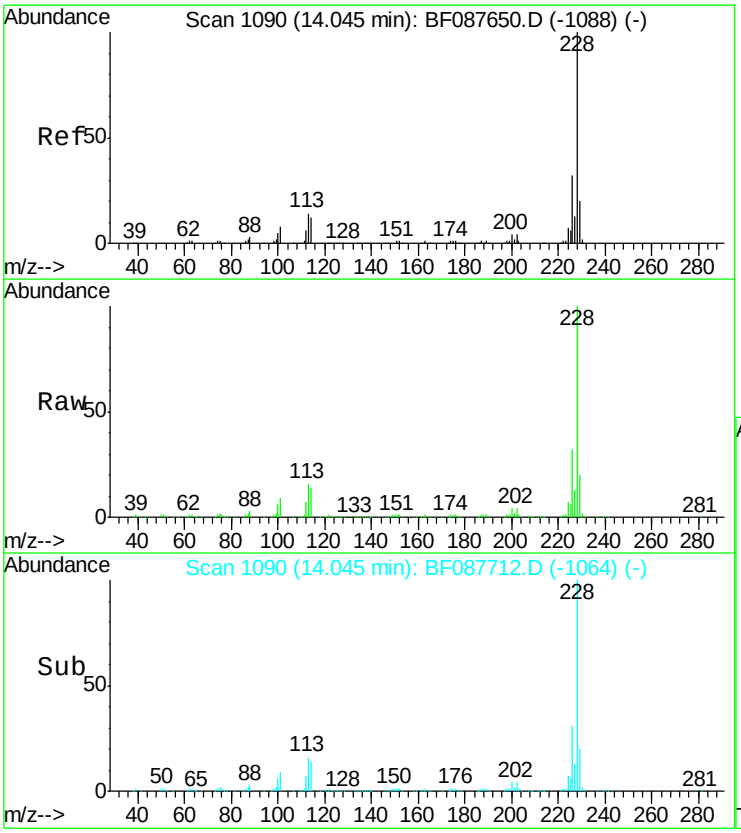
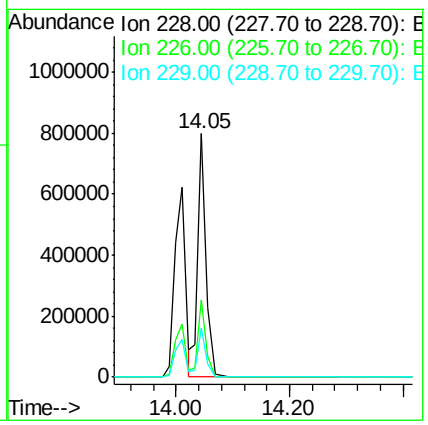
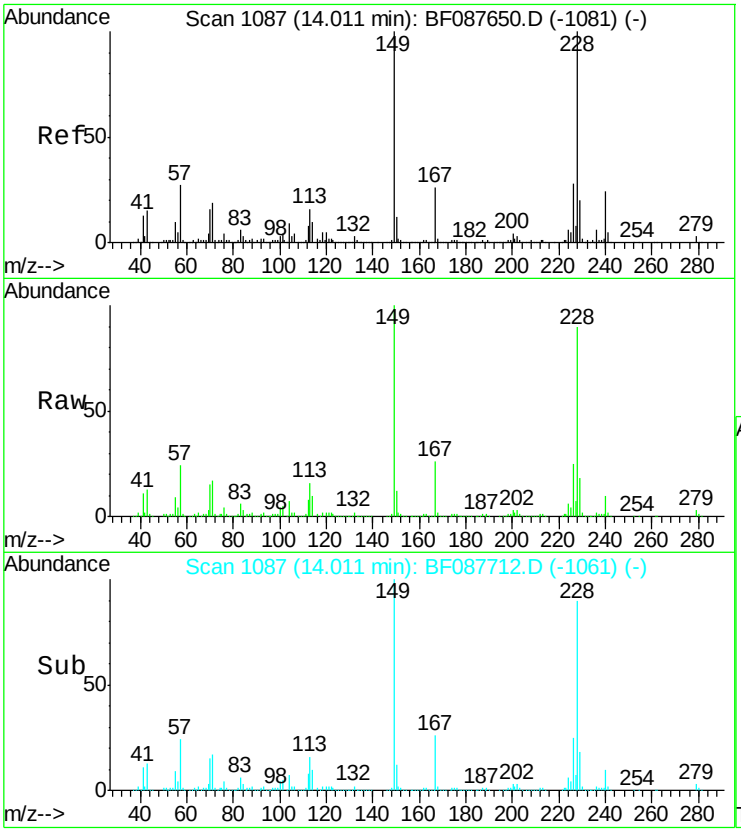


#82
Chrysene
Concen: 34.23 ng
RT: 14.05 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:228 Resp: 800308

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.2
229	20.3	16.3	24.5





#83
Bis(2-ethylhexyl)phthalate
Concen: 41.99 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:149 Resp: 616385

Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.5	30.7
279	3.1	2.0	3.0#

Instrument :
BNA_F
ClientSampleId :
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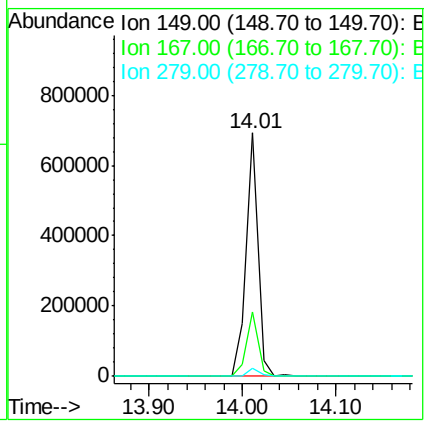
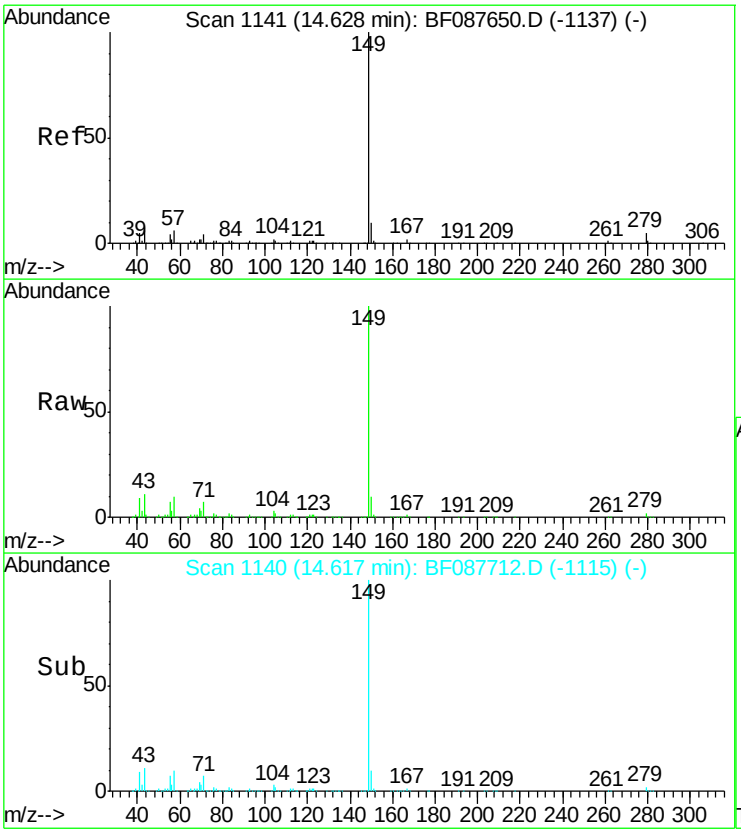
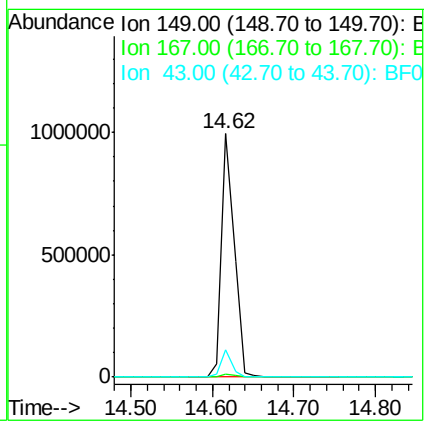


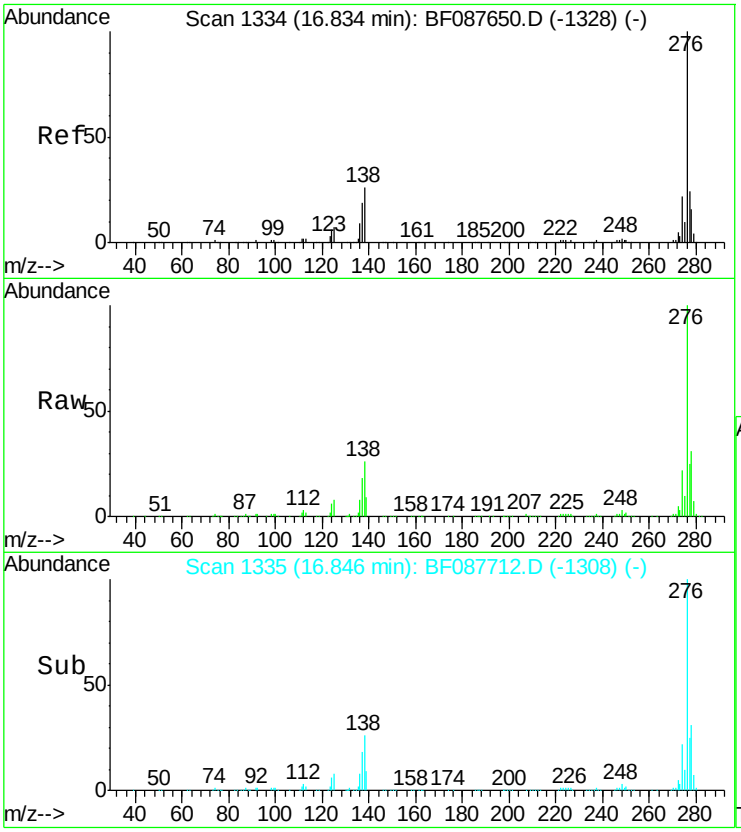


#84
Di-n-octyl phthalate
Concen: 39.00 ng
RT: 14.62 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:149 Resp: 1064156

Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	9.5	0.0	0.0#





#85
Indeno(1,2,3-cd)pyrene
Concen: 42.69 ng
RT: 16.85 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:276 Resp: 824965

Ion	Ratio	Lower	Upper
276	100		
138	30.0	0.0	0.0#
277	25.5	0.0	0.0#

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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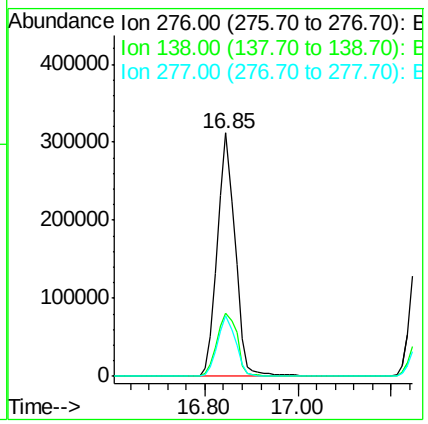
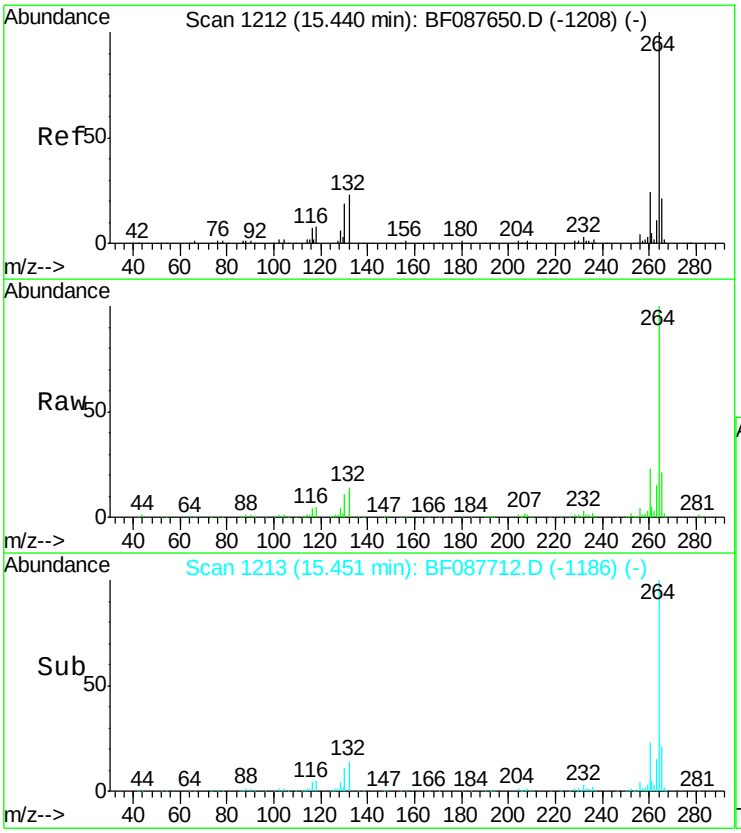
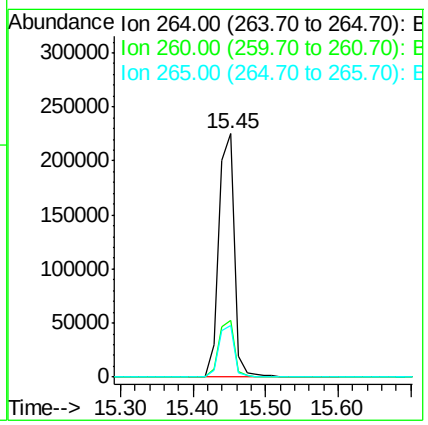


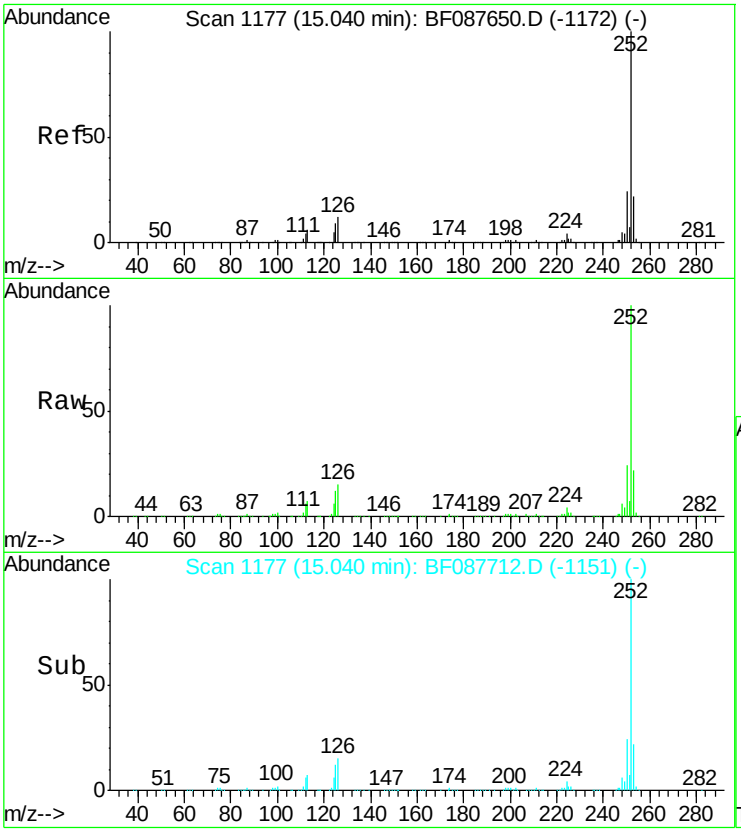


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:264 Resp: 334277

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.1	16.9	25.3

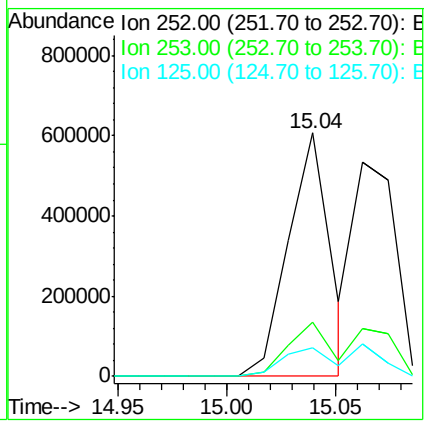




#87
Benzo(b)fluoranthene
Concen: 37.19 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:252 Resp: 808713

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	11.7	7.1	10.7#



Instrument :
BNA_F
ClientSampleId :
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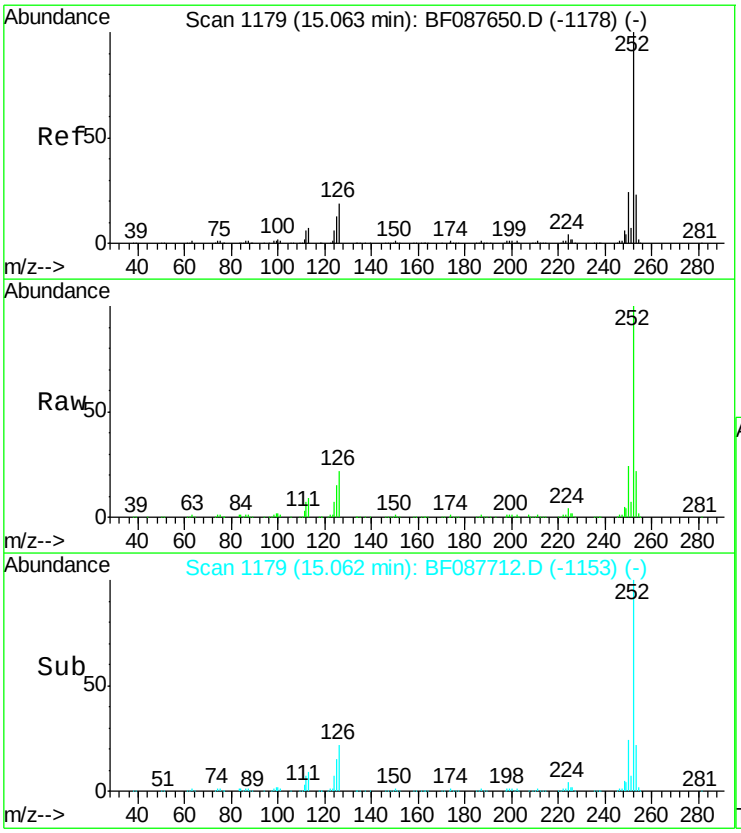
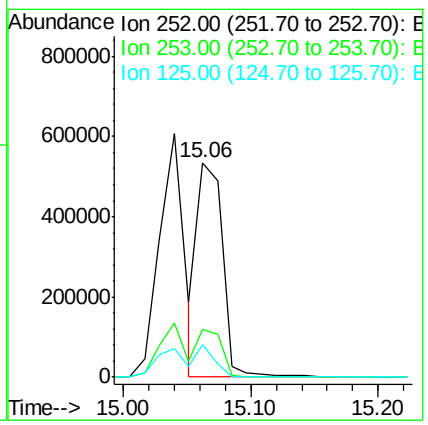
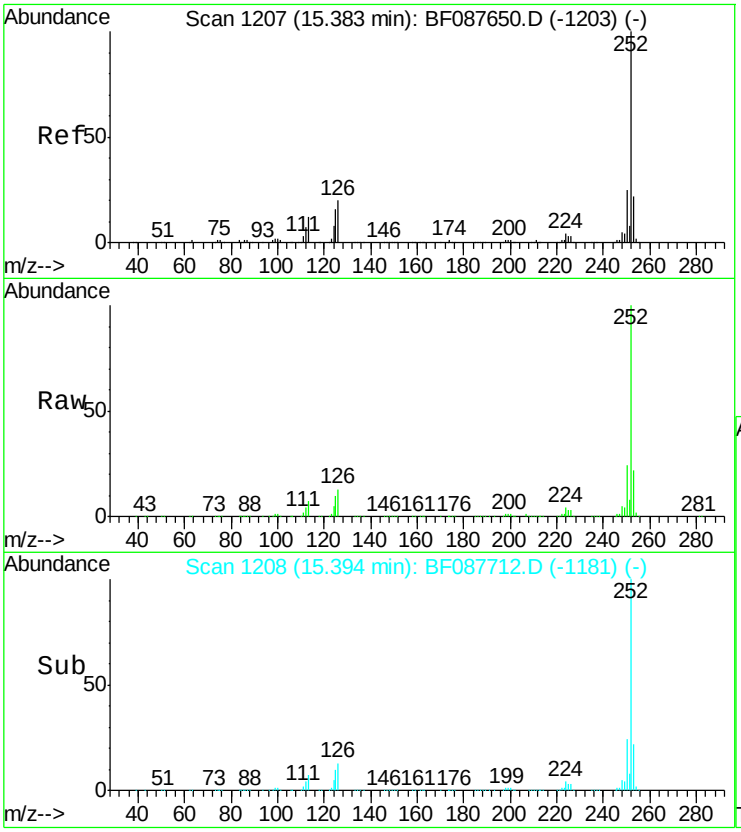


#88
Benzo(k)fluoranthene
Concen: 41.07 ng m
RT: 15.06 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:252 Resp: 743004

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	15.3	11.2	16.8





#89
Benzo(a)pyrene
Concen: 41.63 ng
RT: 15.39 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:252 Resp: 760985

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	9.8	12.5	18.7#

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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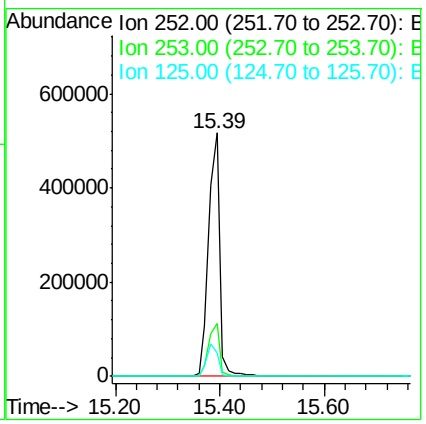
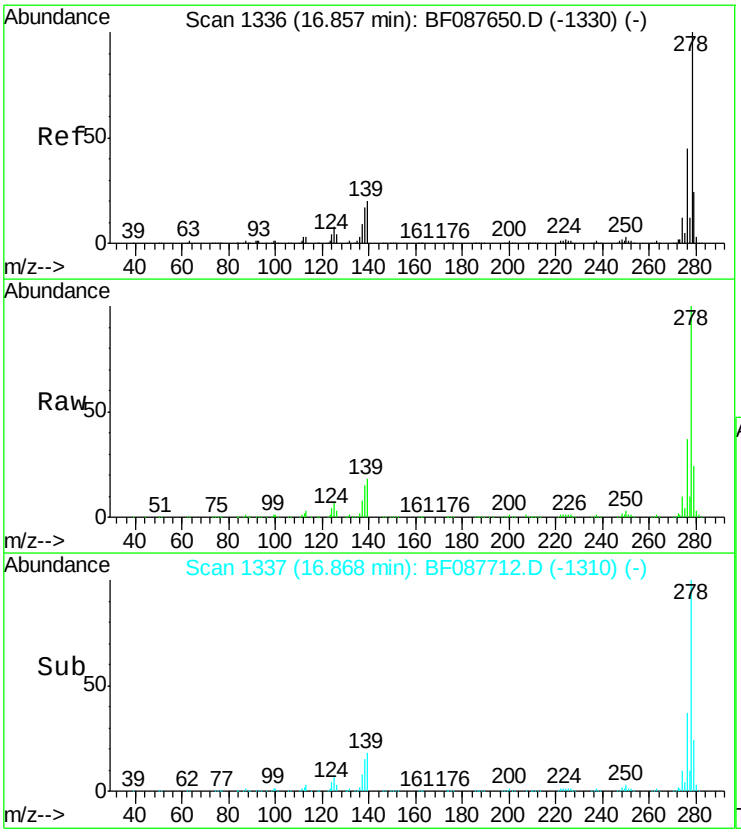
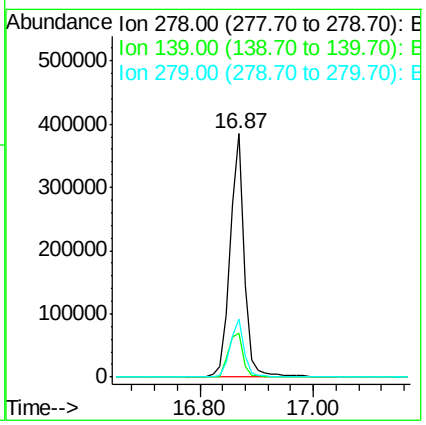


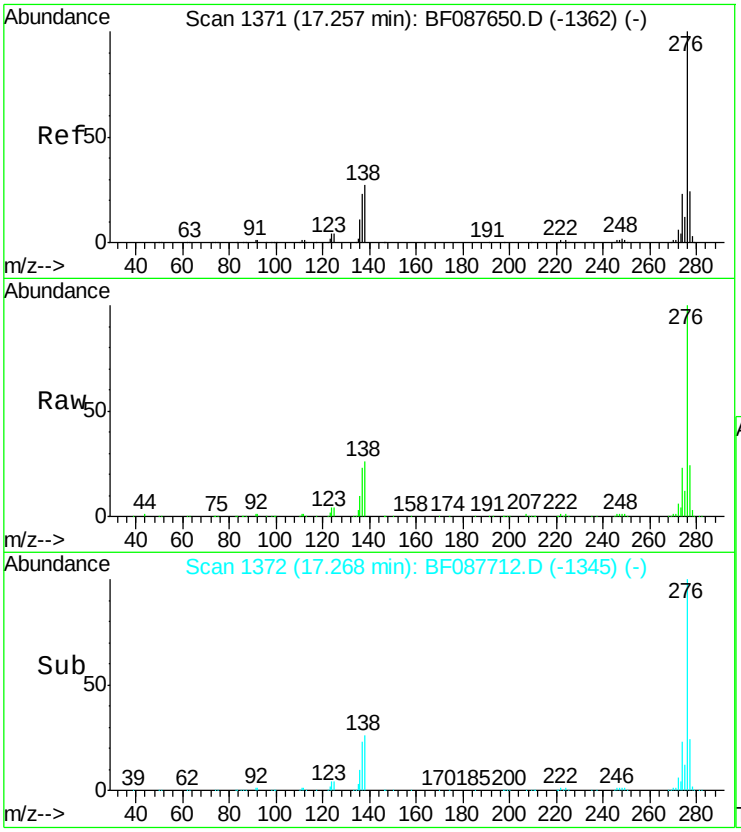


#90
Dibenzo(a,h)anthracene
Concen: 43.81 ng
RT: 16.87 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:278 Resp: 681538

Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.7	23.5
279	24.0	19.4	29.2

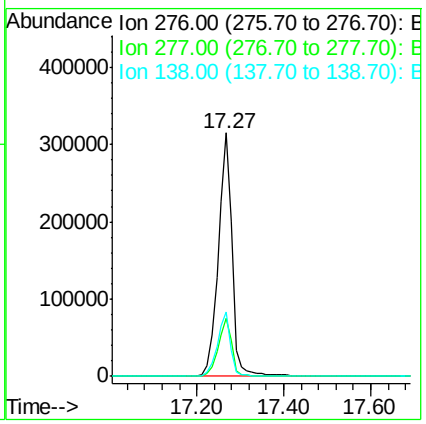




#91
Benzo(g,h,i)perylene
Concen: 44.32 ng
RT: 17.27 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:276 Resp: 695584

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	26.4	21.4	32.2



Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Manual Integrations APPROVED
SOHIL
6/6/2016 7:25:00 PM