Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091911.D
Acq On : 23 Dec 2016 7:49
Operator : UM/SJ
Sample : H6182-02MS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

Manual Integrations APPROVED
UMANGI
12/23/2016 5:57:31 PM

Quant Time: Dec 23 16:18:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 16:13:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	167350	20.00	ng		0.01
21) Naphthalene-d8	8.08	136	473719	20.00	ng		0.03
38) Acenaphthene-d10	9.82	164	229150	20.00	ng		0.03
63) Phenanthrene-d10	11.28	188	469472	20.00	ng		0.01
75) Chrysene-d12	13.91	240	433505	20.00	ng		0.00
86) Perylene-d12	15.30	264	374662	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1697641	169.38	ng		0.06
7) Phenol-d6	6.45	99	2007678	164.07	ng		0.05
23) Nitrobenzene-d5	7.34	82	1216431	142.79	ng		0.02
41) 2,4,6-Tribromophenol	10.60	330	340142	179.36	ng		0.02
44) 2-Fluorobiphenyl	9.16	172	1414920	133.94	ng		0.05
78) Terphenyl-d14	12.85	244	1432020	80.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	245435	49.74	ng	#	93
3) Pyridine	3.04	79	694418	40.32	ng		98
4) n-Nitrosodimethylamine	3.01	42	337116	51.89	ng		90
6) Aniline	6.43	93	225260	14.17	ng	#	78
8) 2-Chlorophenol	6.57	128	563448	49.42	ng		99
9) Benzaldehyde	6.30	77	139967	16.44	ng	#	74
10) Phenol	6.46	94	829723	59.50	ng		83
11) bis(2-Chloroethyl)ether	6.50	93	575925	51.91	ng	#	89
12) 1,3-Dichlorobenzene	6.70	146	569731	46.81	ng	#	91
13) 1,4-Dichlorobenzene	6.78	146	590546	47.67	ng	#	88
14) 1,2-Dichlorobenzene	6.94	146	455762	42.40	ng	#	55
15) Benzyl Alcohol	6.92	79	574305	60.40	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.06	45	663506	40.16	ng	#	1
17) 2-Methylphenol	7.07	107	433327m	47.26	ng		
18) Hexachloroethane	7.36	117	1609429	350.44	ng	#	31
19) n-Nitroso-di-n-propylamine	7.20	70	951965	116.94	ng	#	86
20) 3+4-Methylphenols	7.23	107	557652	50.99	ng	#	75
22) Acetophenone	7.18	105	695778	59.55	ng	#	90
24) Nitrobenzene	7.36	77	836484	92.19	ng	#	90
25) Isophorone	7.61	82	1765463	112.32	ng	#	45
26) 2-Nitrophenol	7.69	139	172781	38.61	ng	#	1
27) 2,4-Dimethylphenol	7.74	122	461672	62.21	ng		90
28) bis(2-Chloroethoxy)methane	7.81	93	500476	52.51	ng	#	2
29) 2,4-Dichlorophenol	7.95	162	426690	67.90	ng	#	73
30) 1,2,4-Trichlorobenzene	8.02	180	368596	53.52	ng	#	92
31) Naphthalene	8.10	128	1507128	69.51	ng	#	83
32) Benzoic acid	7.87	122	75755	13.76	ng	#	6
33) 4-Chloroaniline	8.14	127	156468	16.01	ng	#	30
34) Hexachlorobutadiene	8.22	225	181404	49.90	ng		99
35) Caprolactam	8.53	113	838999	406.26	ng	#	1
36) 4-Chloro-3-methylphenol	8.66	107	377569	52.21	ng		91
37) 2-Methylnaphthalene	8.81	142	955149	64.24	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	259783	44.87	ng	#	90
40) Hexachlorocyclopentadiene	8.96	237	105657	42.92	ng		97

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Misc :
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Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

Manual Integrations APPROVED
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Quant Time: Dec 23 16:18:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 16:13:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	178140	44.00	ng		90
43) 2,4,5-Trichlorophenol	9.14	196	132412	31.78	ng	#	1
45) 1,1'-Biphenyl	9.26	154	712191	45.39	ng		99
46) 2-Chloronaphthalene	9.29	162	541572	43.59	ng	#	87
47) 2-Nitroaniline	9.37	65	265550	60.02	ng	#	84
48) Acenaphthylene	9.70	152	962523	50.37	ng	#	90
49) Dimethylphthalate	9.55	163	767354	52.36	ng	#	88
50) 2,6-Dinitrotoluene	9.62	165	216144	67.38	ng	#	68
51) Acenaphthene	9.86	154	633225	48.88	ng		92
52) 3-Nitroaniline	9.78	138	207721	52.32	ng	#	86
53) 2,4-Dinitrophenol	9.89	184	5063	2.84	ng	#	1
54) Dibenzofuran	10.03	168	985515	56.33	ng	#	86
55) 4-Nitrophenol	9.97	139	255261	94.70	ng	#	73
56) 2,4-Dinitrotoluene	10.02	165	255393	63.43	ng	#	88
57) Fluorene	10.36	166	927584	72.87	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.16	232	149927	45.49	ng	#	68
59) Diethylphthalate	10.24	149	895885	62.94	ng		96
60) 4-Chlorophenyl-phenylether	10.35	204	341040	61.19	ng		91
61) 4-Nitroaniline	10.38	138	187383	45.55	ng		96
62) Azobenzene	10.51	77	1083847	69.16	ng		86
64) 4,6-Dinitro-2-methylphenol	10.41	198	24141	8.50	ng	#	1
65) n-Nitrosodiphenylamine	10.46	169	842733	60.49	ng		90
66) 4-Bromophenyl-phenylether	10.83	248	261096	53.46	ng		95
67) Hexachlorobenzene	10.90	284	241671	46.30	ng	#	82
68) Atrazine	10.99	200	245225	54.57	ng		99
69) Pentachlorophenol	11.09	266	191775	74.87	ng		98
70) Phenanthrene	11.30	178	1254421	49.28	ng		98
71) Anthracene	11.36	178	1325767	78.00	ng		99
72) Carbazole	11.52	167	1162932	49.31	ng		99
73) Di-n-butylphthalate	11.85	149	1518251	64.74	ng	#	97
74) Fluoranthene	12.49	202	1257350	57.35	ng		91
76) Benzidine	12.61	184	189997	13.66	ng	#	73
77) Pyrene	12.71	202	1178254	37.04	ng		100
79) Butylbenzylphthalate	13.33	149	731162	50.54	ng		92
80) Benzo(a)anthracene	13.89	228	1138238	46.52	ng		100
81) 3,3'-Dichlorobenzidine	13.86	252	166115	17.90	ng		96
82) Chrysene	13.93	228	1006512	41.01	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1002852	58.87	ng	#	98
84) Di-n-octyl phthalate	14.50	149	1734997	54.98	ng		100
85) Indeno(1,2,3-cd)pyrene	16.65	276	757556	35.63	ng		98
87) Benzo(b)fluoranthene	14.91	252	1135679m	48.69	ng		
88) Benzo(k)fluoranthene	14.93	252	1002262m	50.39	ng		
89) Benzo(a)pyrene	15.24	252	1034974	49.99	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	636093	37.38	ng	#	95
91) Benzo(g,h,i)perylene	17.05	276	619856	35.03	ng		99

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

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Quant Time: Dec 23 16:18:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 16:13:30 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

Manual Integrations APPROVED
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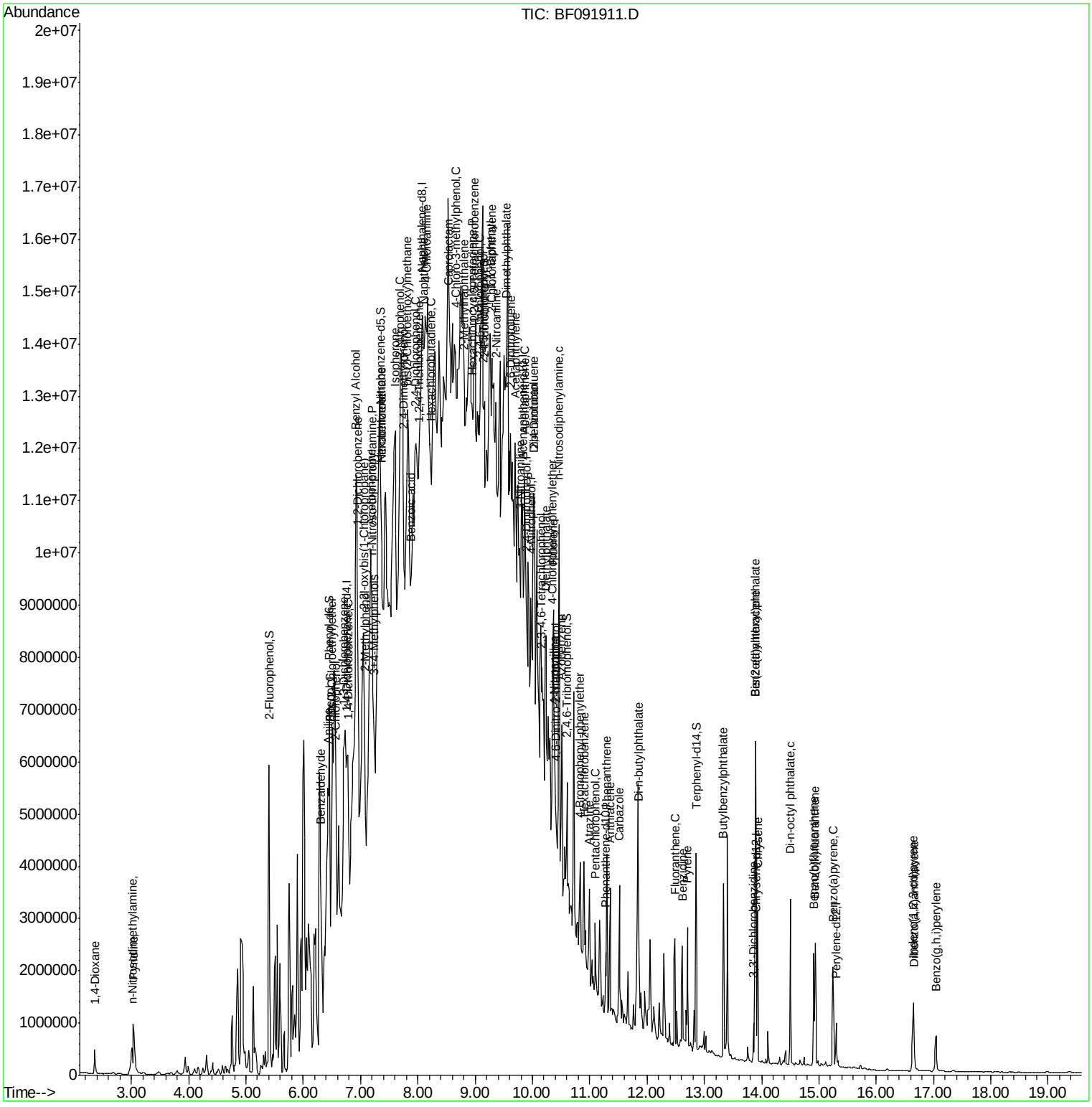
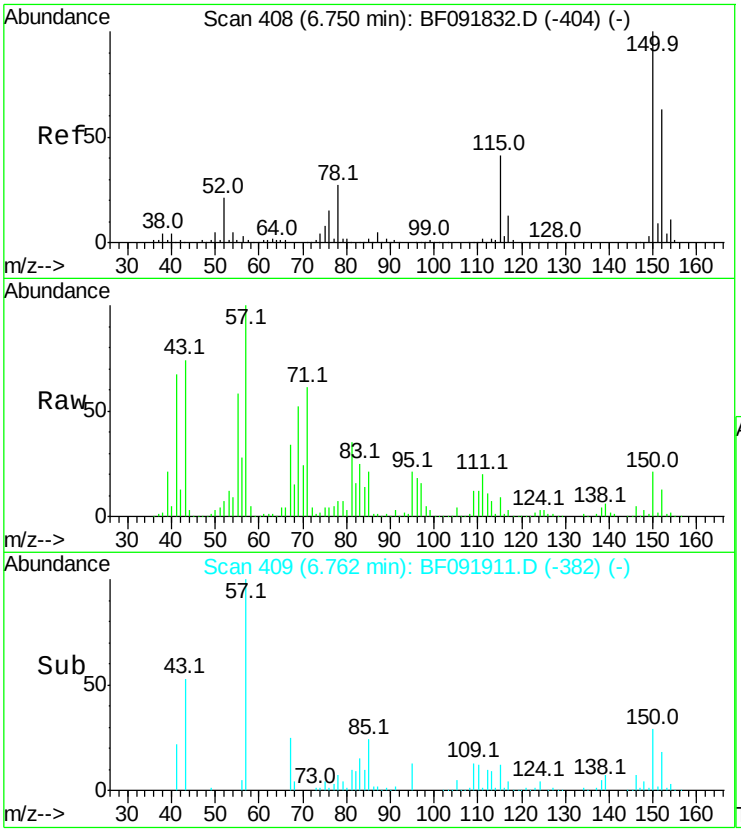
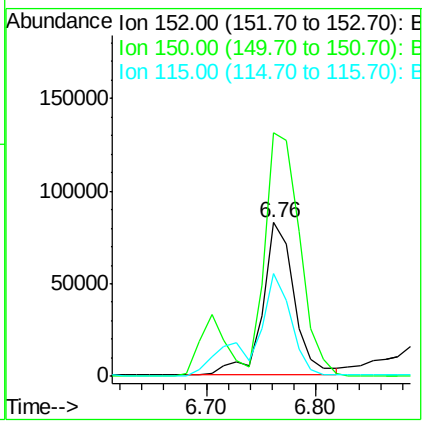




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:152 Resp: 167350

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.9	187.3
115	66.8	46.0	69.0



Instrument :
BNA_F
ClientSampleId :
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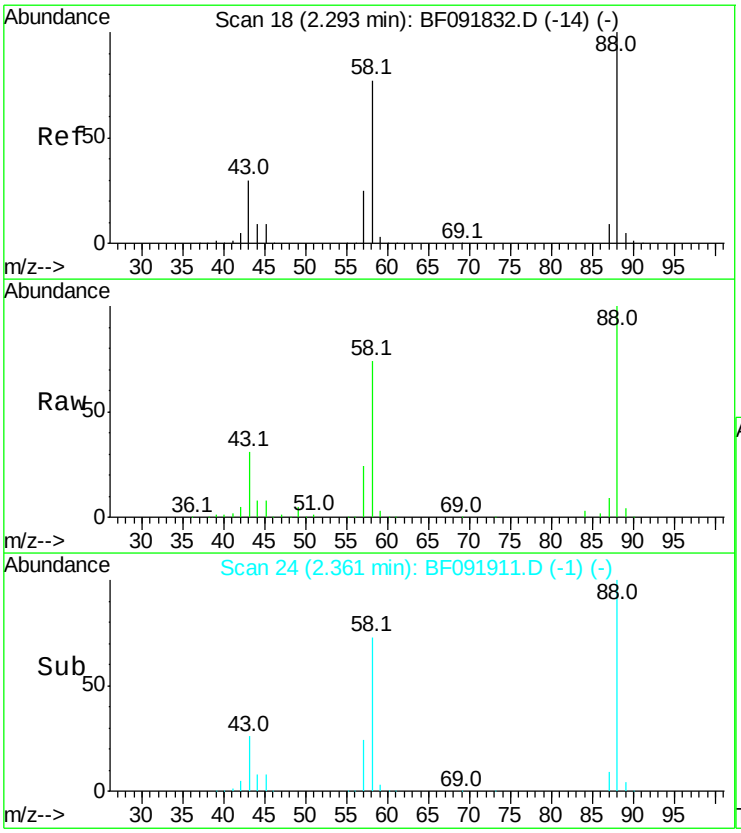
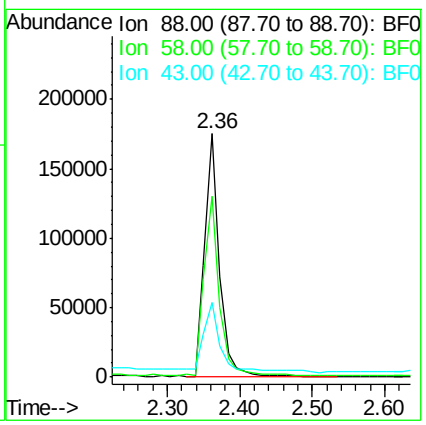
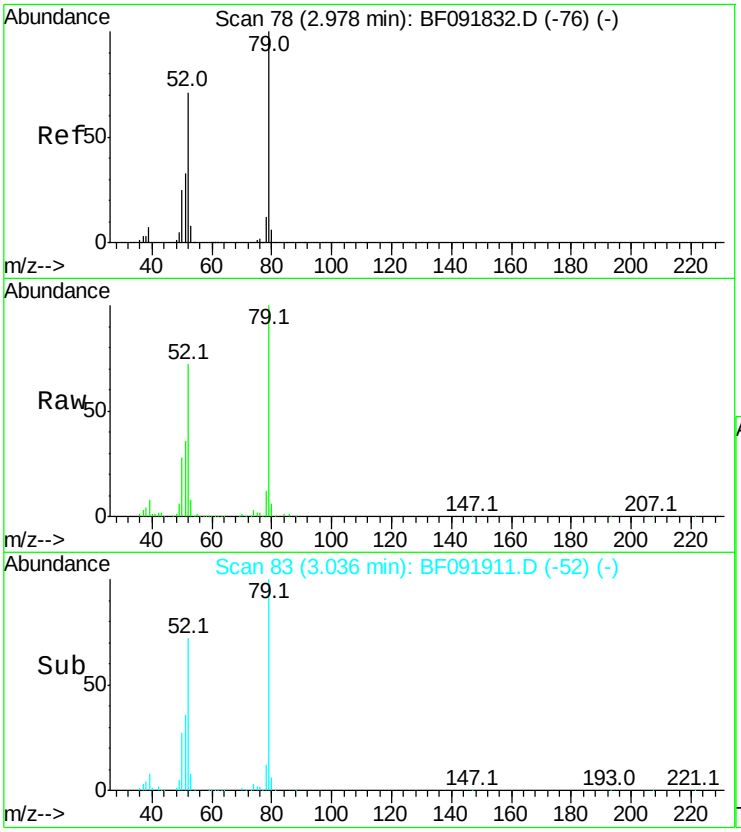


#2
1,4-Dioxane
Concen: 49.74 ng
RT: 2.36 min Scan# 24
Delta R.T. 0.07 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion: 88 Resp: 245435

Ion	Ratio	Lower	Upper
88	100		
58	76.4	57.8	86.8
43	33.9	22.3	33.5#

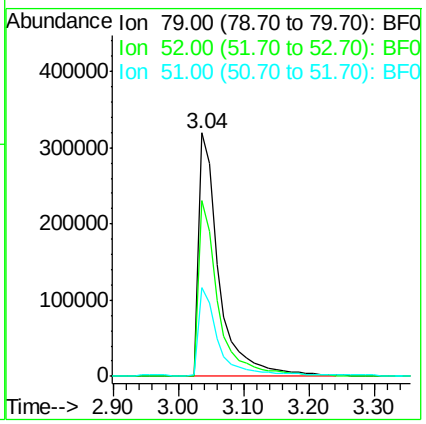




#3
Pyridine
Concen: 40.32 ng
RT: 3.04 min Scan# 83
Delta R.T. 0.06 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion: 79 Resp: 694418

Ion	Ratio	Lower	Upper
79	100		
52	72.1	57.1	85.7
51	36.2	27.3	40.9



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ClientSampleId :
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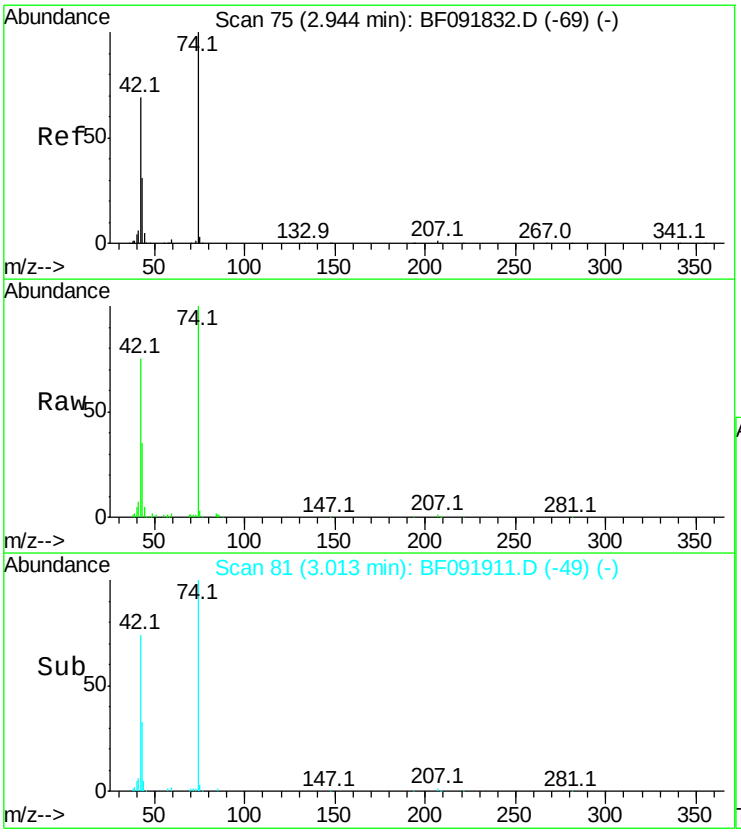
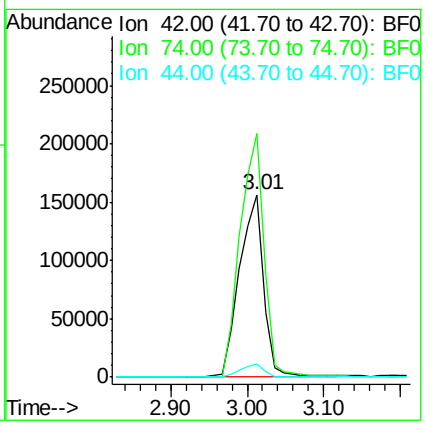
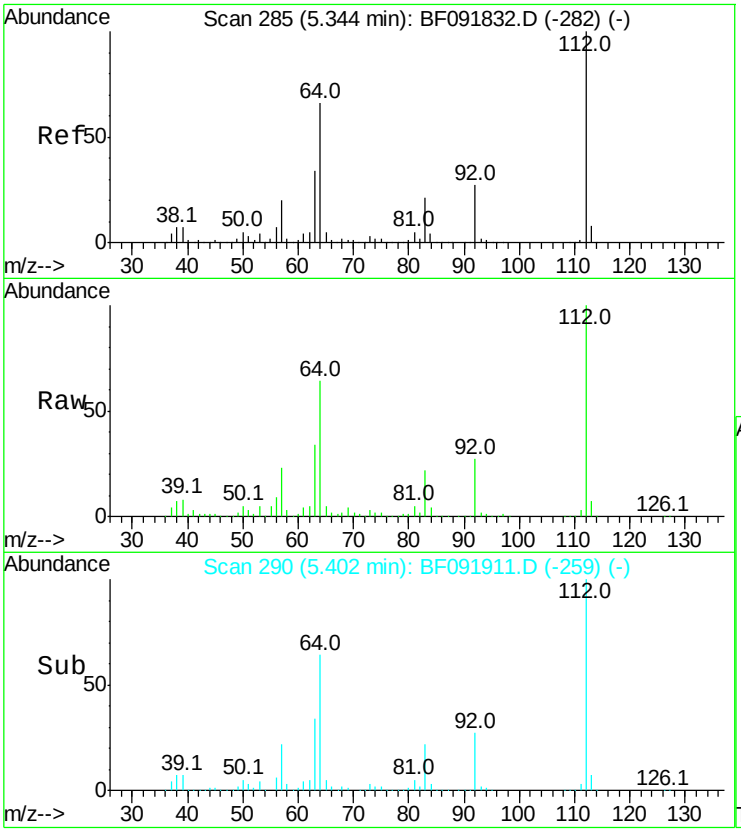


#4
n-Nitrosodimethylamine
Concen: 51.89 ng
RT: 3.01 min Scan# 81
Delta R.T. 0.07 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion: 42 Resp: 337116

Ion	Ratio	Lower	Upper
42	100		
74	133.5	117.0	175.4
44	7.0	5.5	8.3

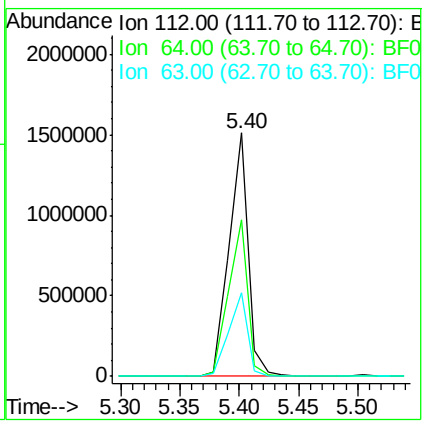




#5
2-Fluorophenol
Concen: 169.38 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.06 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:112 Resp: 1697641

Ion	Ratio	Lower	Upper
112	100		
64	64.5	46.1	69.1
63	34.3	23.8	35.6



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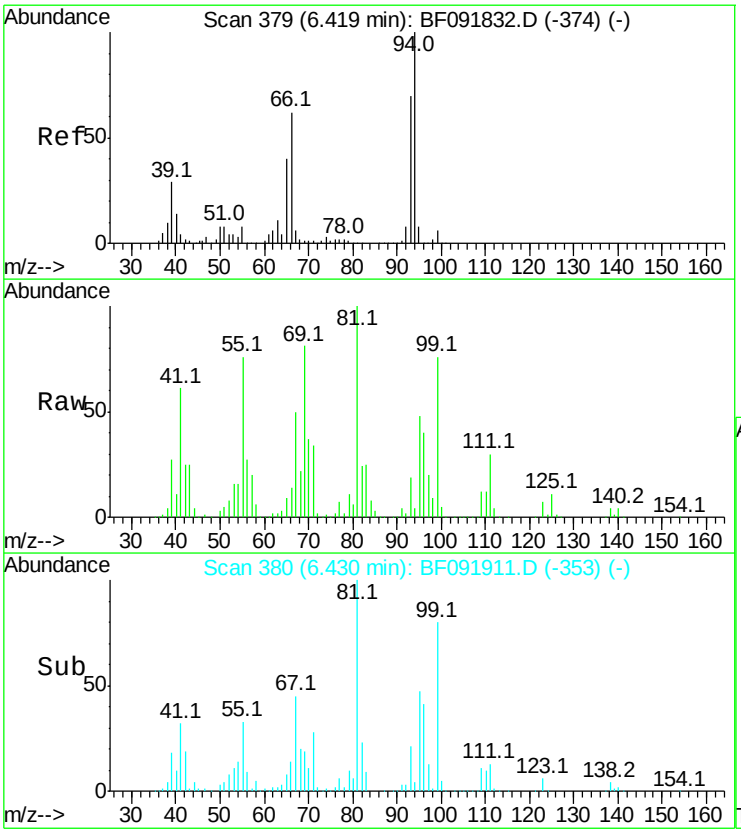
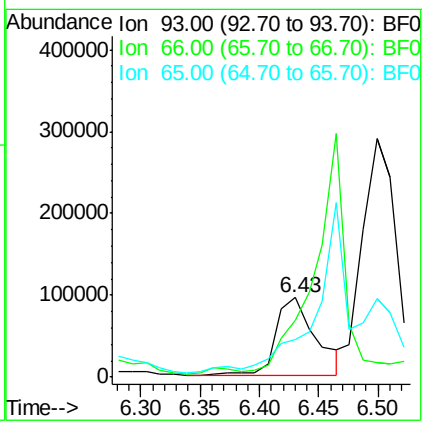
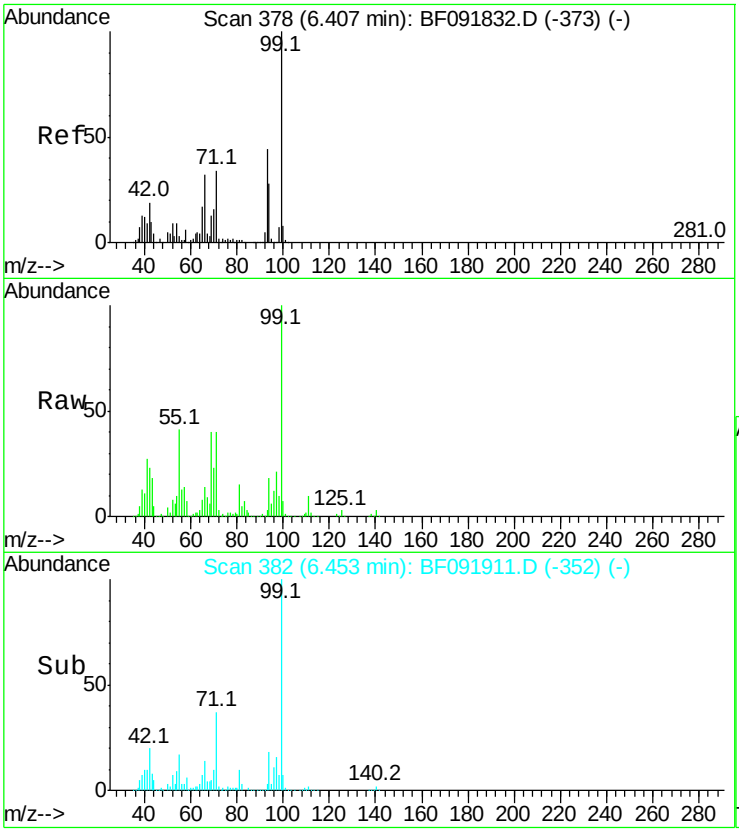


#6
Aniline
Concen: 14.17 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion: 93 Resp: 225260

Ion	Ratio	Lower	Upper
93	100		
66	71.2	76.2	114.2#
65	47.7	49.3	73.9#

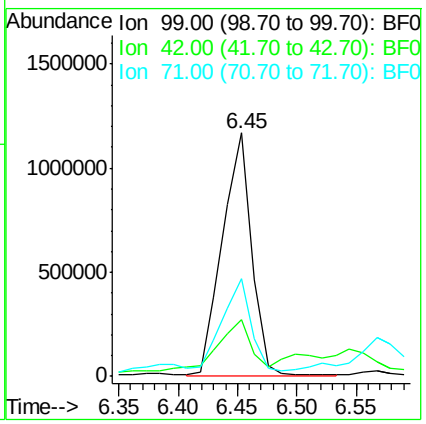




#7
Phenol-d6
Concen: 164.07 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.05 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion: 99 Resp: 2007678

Ion	Ratio	Lower	Upper
99	100		
42	23.1	15.6	23.4
71	40.4	27.5	41.3



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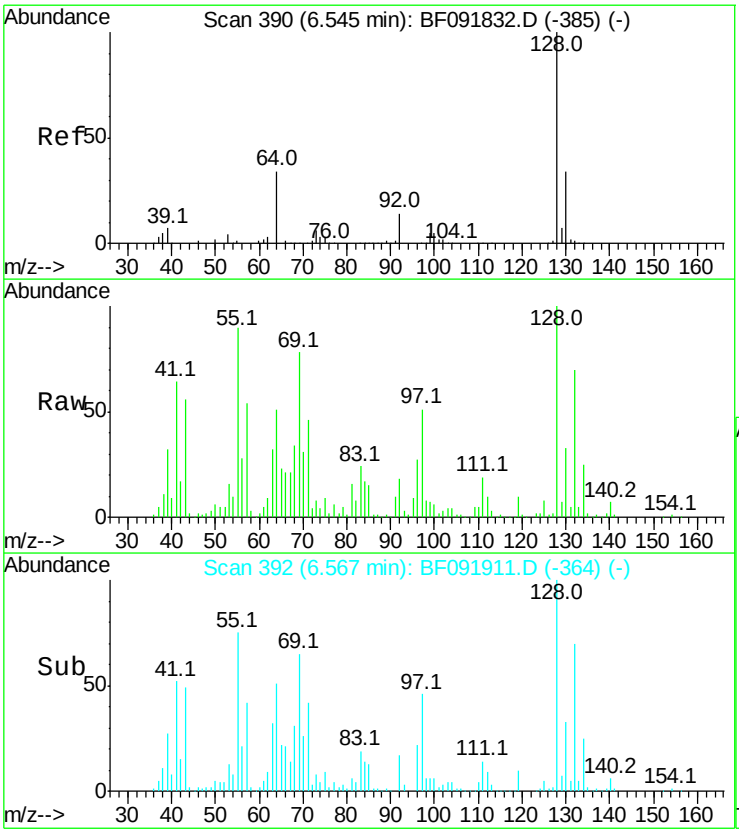
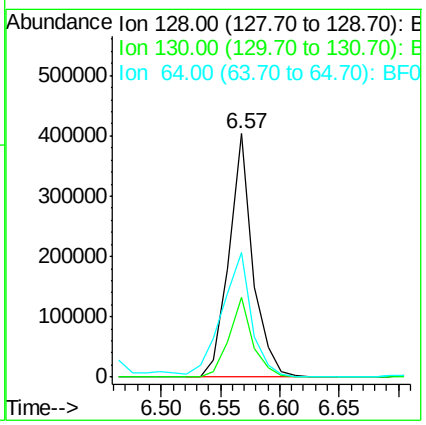
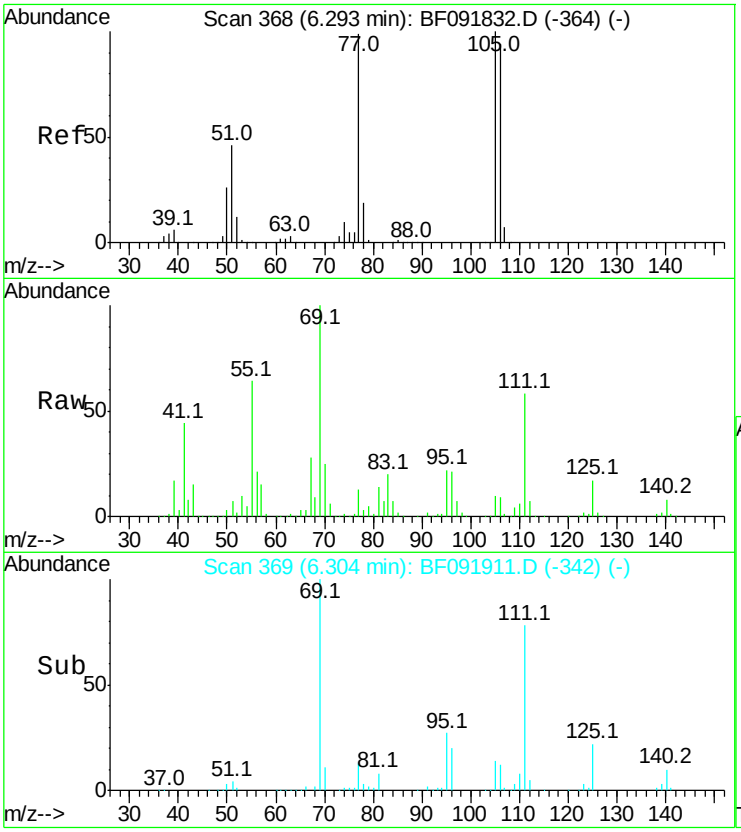


#8
2-Chlorophenol
Concen: 49.42 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.02 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:128 Resp: 563448

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.3	52.3
64	51.2	32.2	72.2

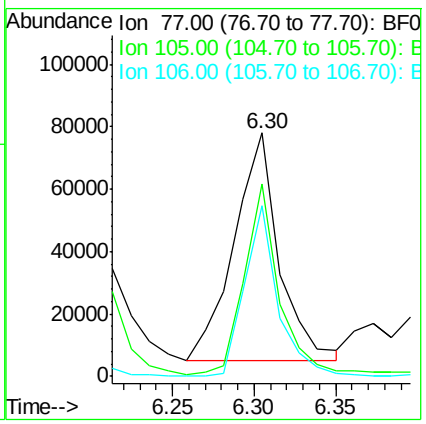




#9
Benzaldehyde
Concen: 16.44 ng
RT: 6.30 min Scan# 369
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion: 77 Resp: 139967

Ion	Ratio	Lower	Upper
77	100		
105	79.1	83.9	123.9#
106	70.0	77.6	117.6#



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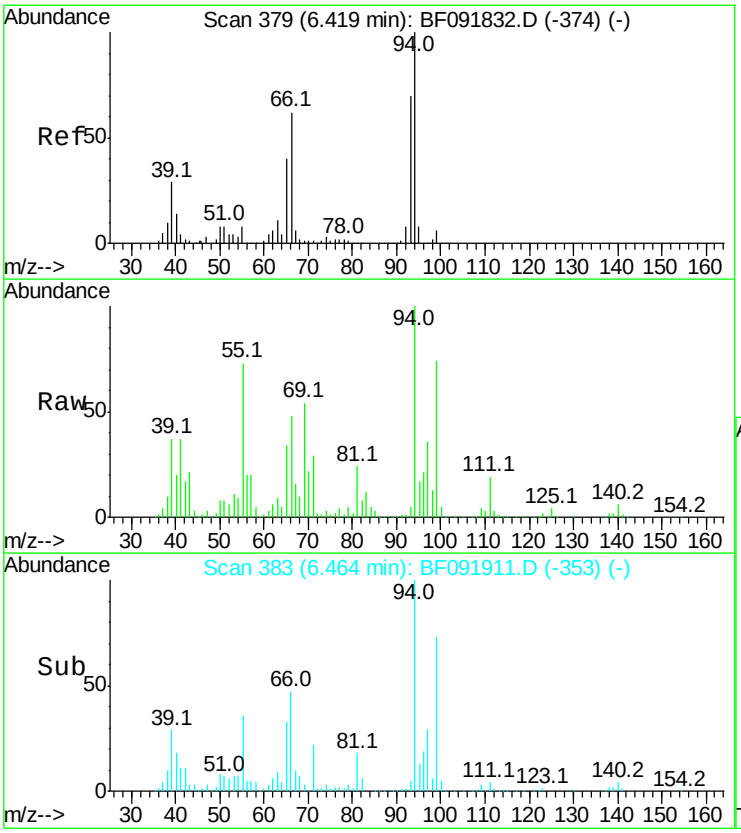
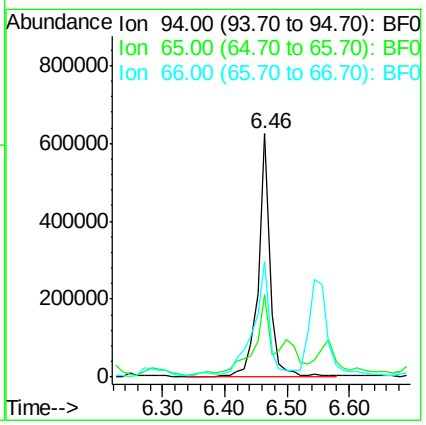
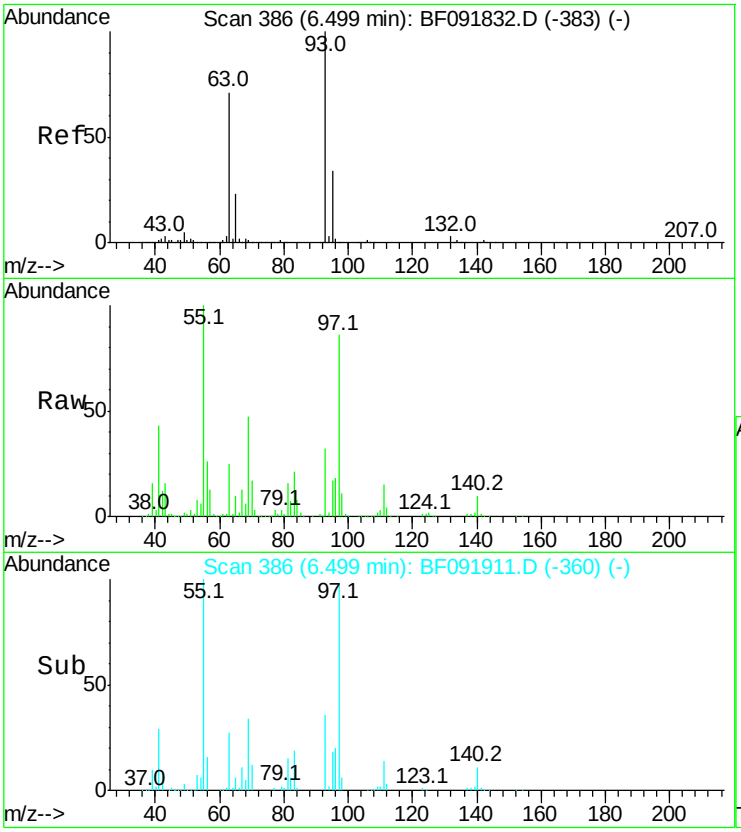


#10
Phenol
Concen: 59.50 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.05 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion: 94 Resp: 829723

Ion	Ratio	Lower	Upper
94	100		
65	34.1	21.4	61.4
66	47.6	44.0	84.0

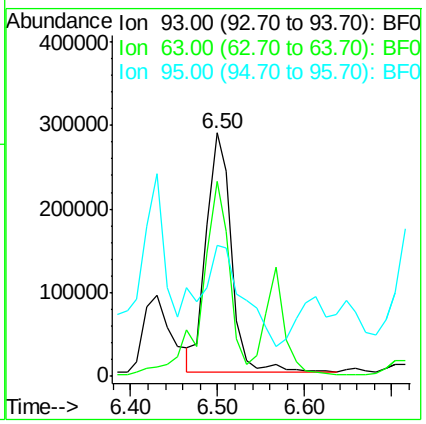




#11
bis(2-Chloroethyl)ether
Concen: 51.91 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion: 93 Resp: 575925

Ion	Ratio	Lower	Upper
93	100		
63	80.0	60.4	100.4
95	53.7	12.8	52.8#



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Manual Integrations APPROVED
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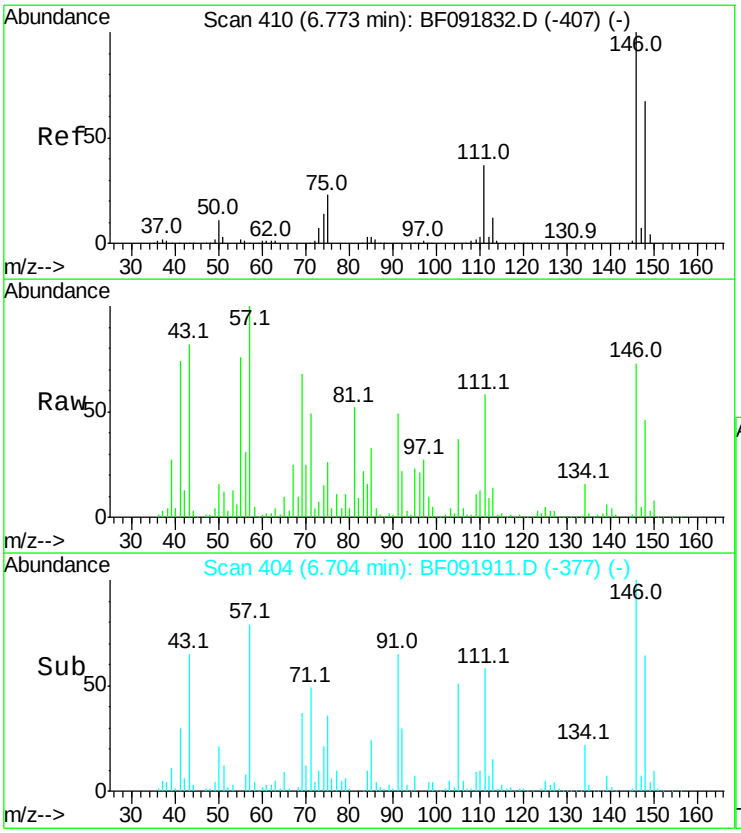
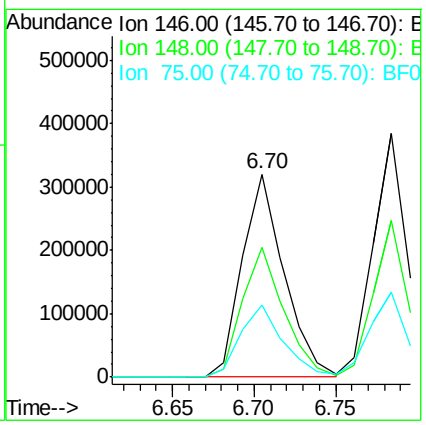
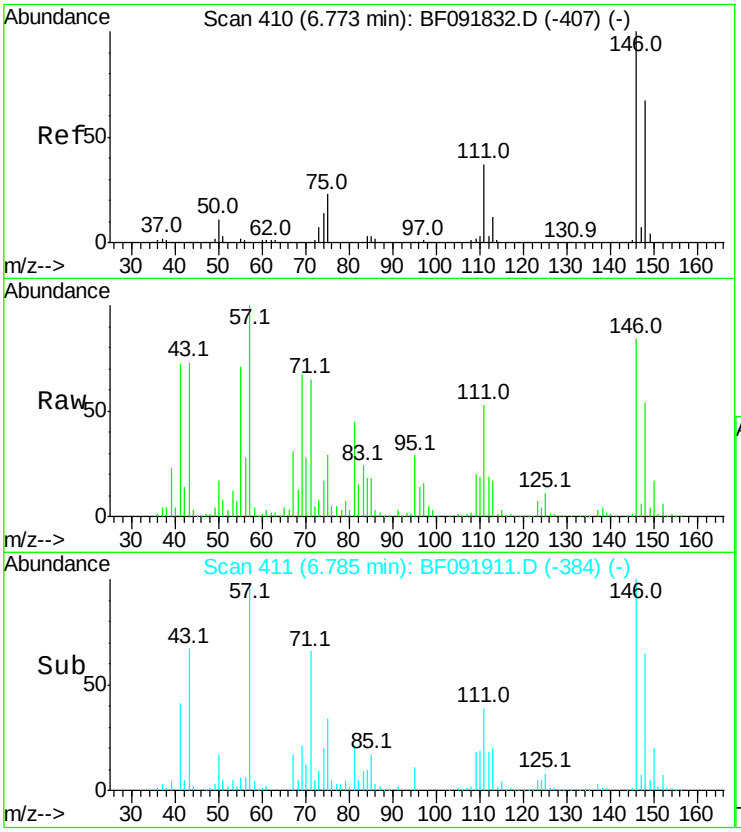


#12
1,3-Dichlorobenzene
Concen: 46.81 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:146 Resp: 569731

Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.4	80.0
75	35.7	18.5	27.7#

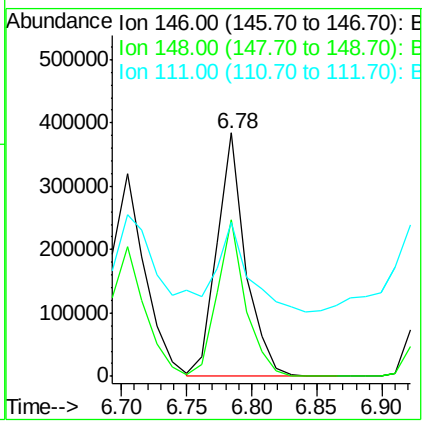




#13
1,4-Dichlorobenzene
Concen: 47.67 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:146 Resp: 590546

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
111	63.0	36.2	54.4#



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

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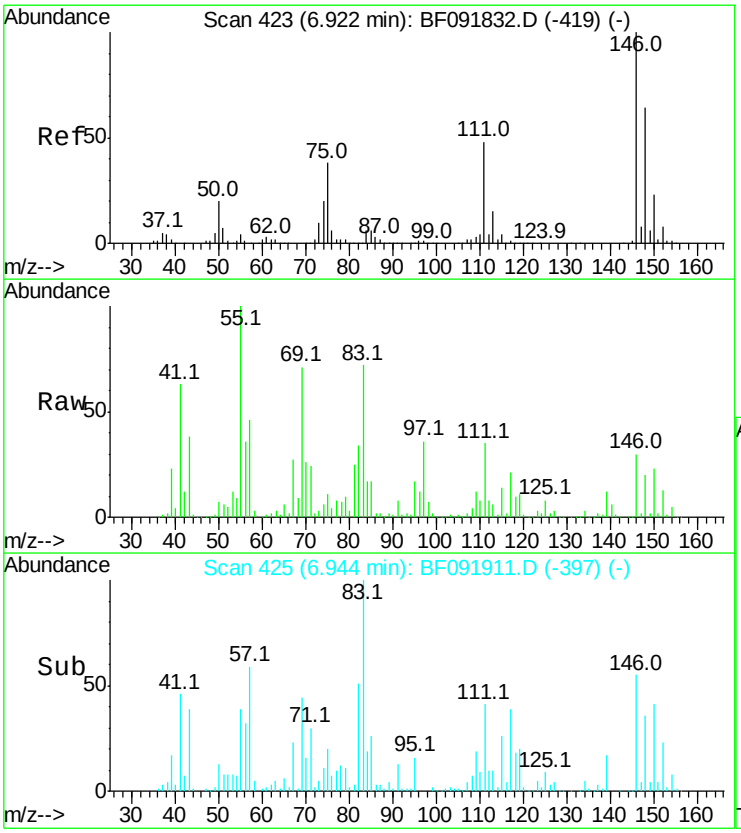
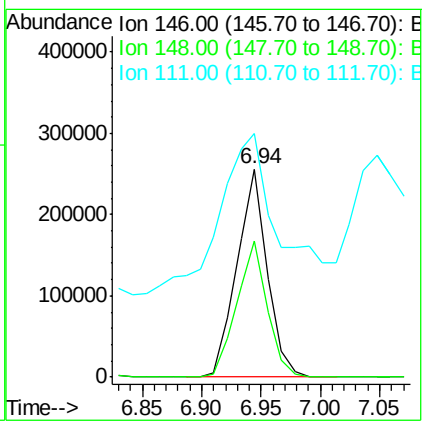
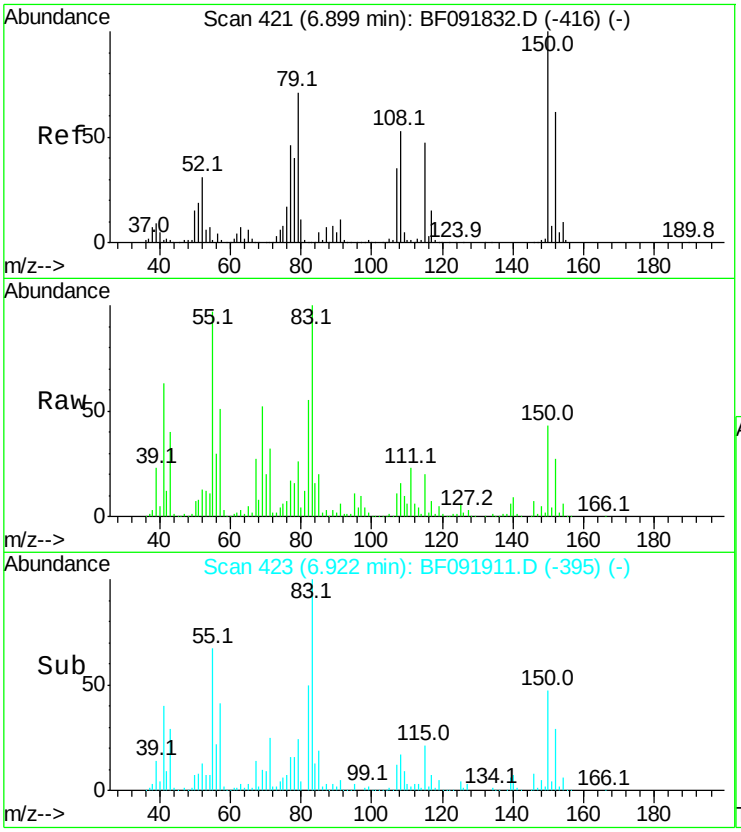


#14
1,2-Dichlorobenzene
Concen: 42.40 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.02 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:146 Resp: 455762

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.2	78.2
111	117.1	36.2	54.2#





#15
Benzyl Alcohol
Concen: 60.40 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.02 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion: 79 Resp: 574305

Ion	Ratio	Lower	Upper
79	100		
108	61.9	61.4	92.0
77	66.0	50.9	76.3

Instrument :
BNA_F
ClientSampleId :
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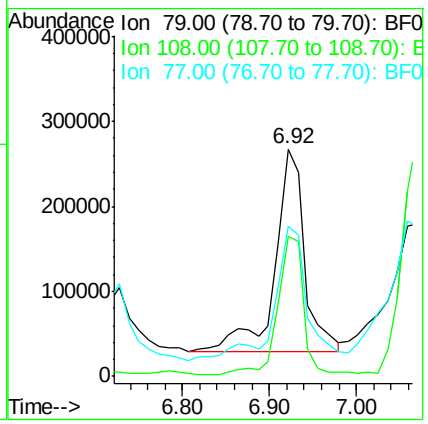
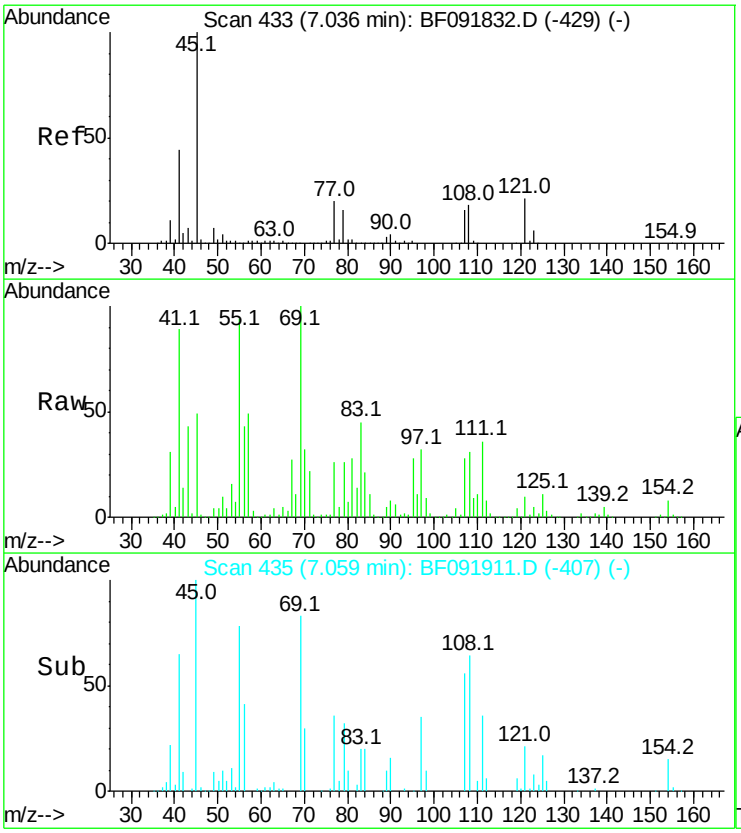
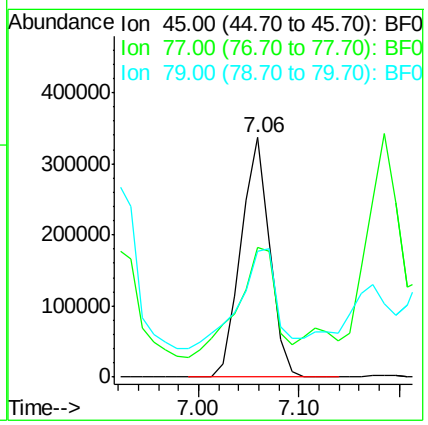


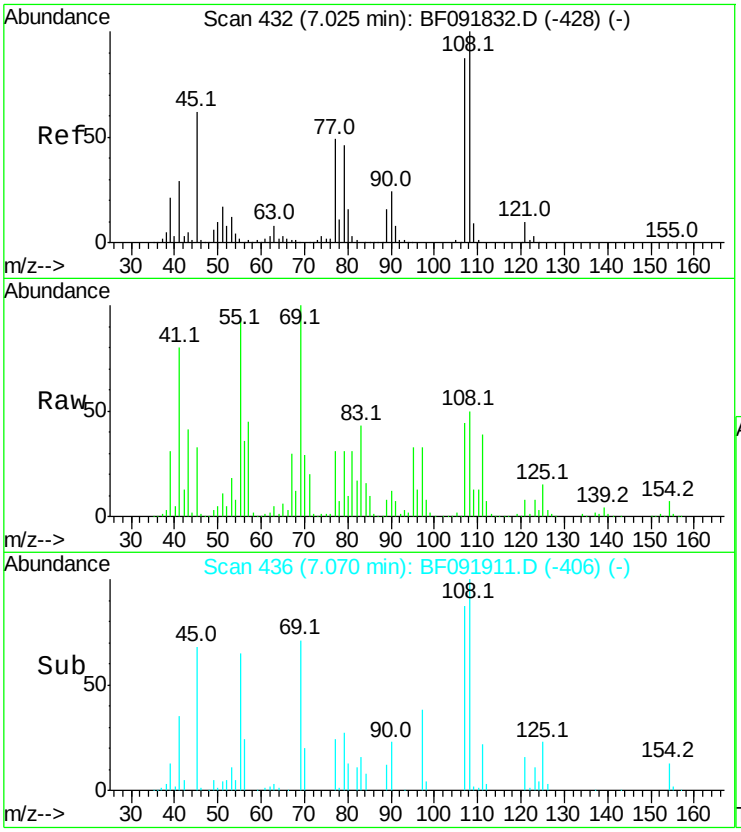


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.16 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.02 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion: 45 Resp: 663506

Ion	Ratio	Lower	Upper
45	100		
77	54.3	0.0	34.6#
79	52.4	0.0	31.2#

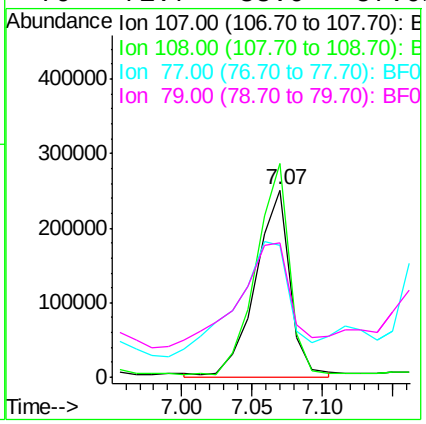




#17
2-Methylphenol
Concen: 47.26 ng m
RT: 7.07 min Scan# 436
Delta R.T. 0.05 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:107 Resp: 433327

Ion	Ratio	Lower	Upper
107	100		
108	113.9	93.0	139.6
77	70.1	39.8	59.8#
79	71.7	38.0	57.0#



Instrument :
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ClientSampleId :
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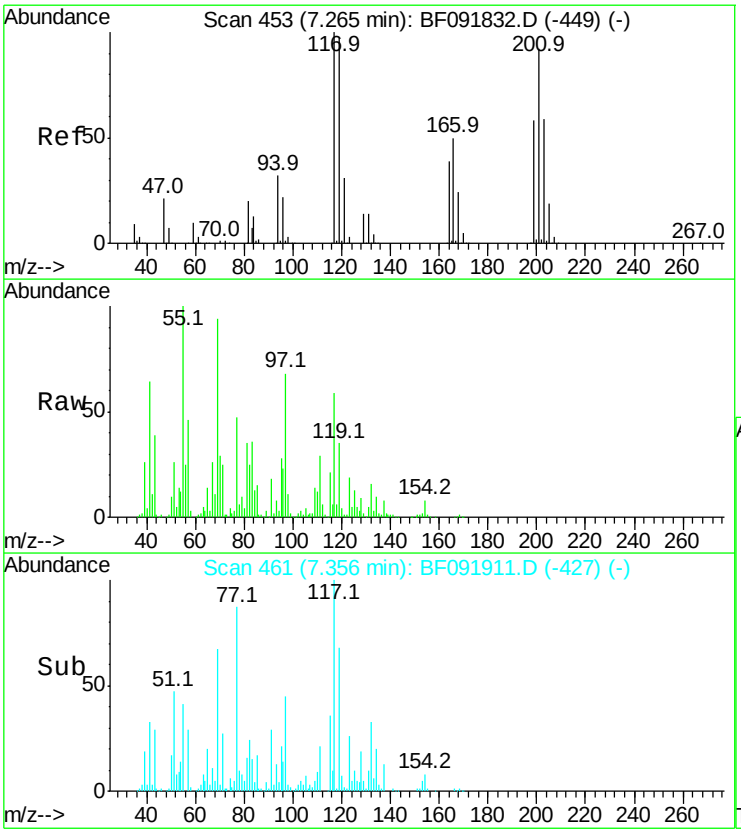
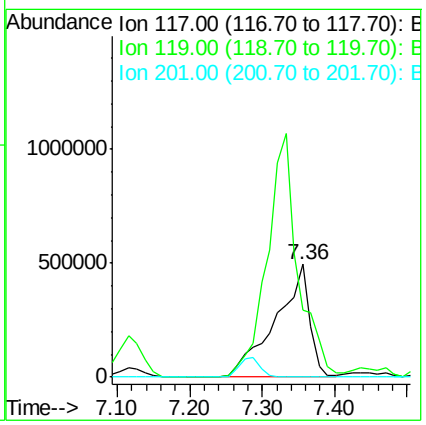
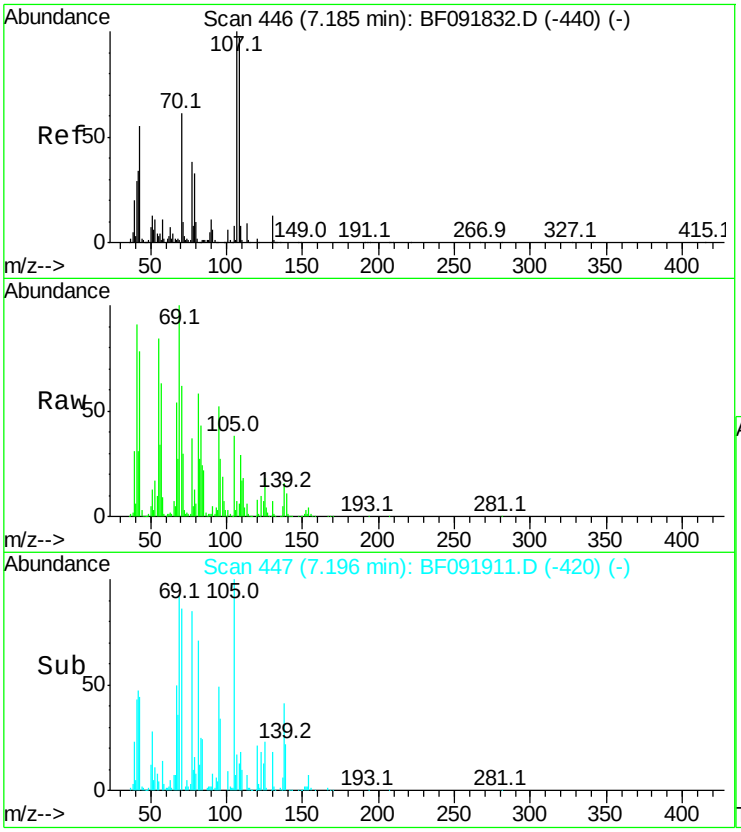


#18
Hexachloroethane
Concen: 350.44 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.09 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:117 Resp: 1609429

Ion	Ratio	Lower	Upper
117	100		
119	59.2	78.1	117.1#
201	0.0	78.6	117.8#

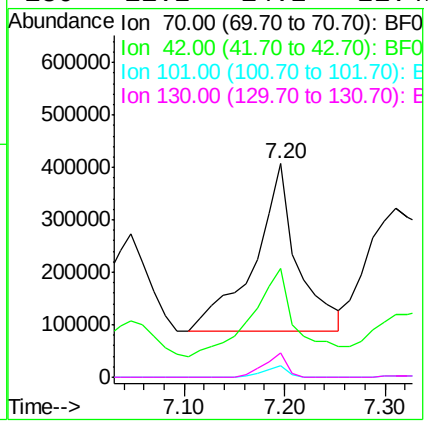




#19
n-Nitroso-di-n-propylamine
Concen: 116.94 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion: 70 Resp: 951965

Ion	Ratio	Lower	Upper
70	100		
42	50.8	49.4	74.0
101	5.3	7.4	11.2#
130	11.2	14.2	21.4#



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

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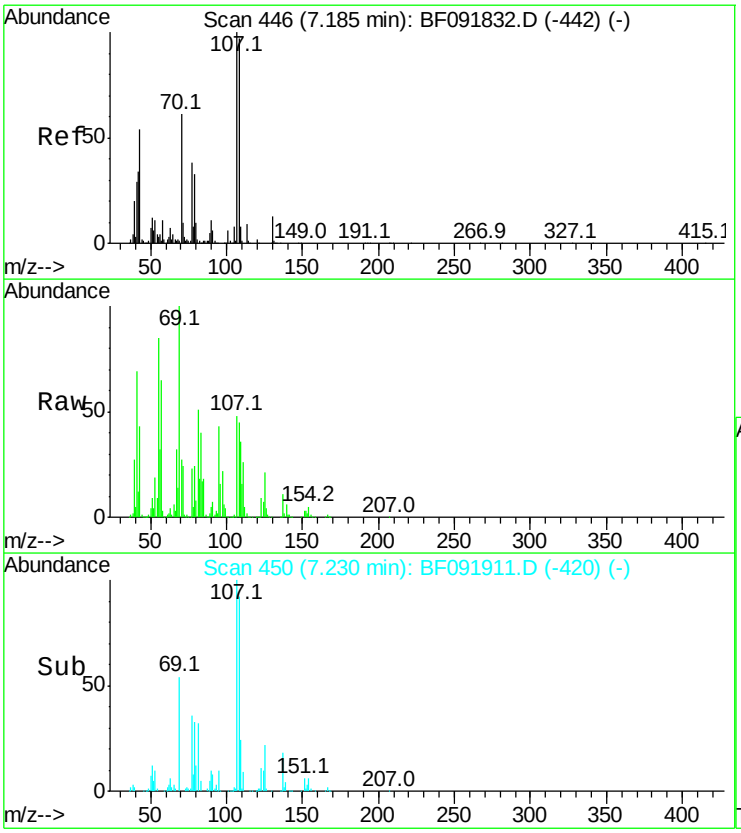
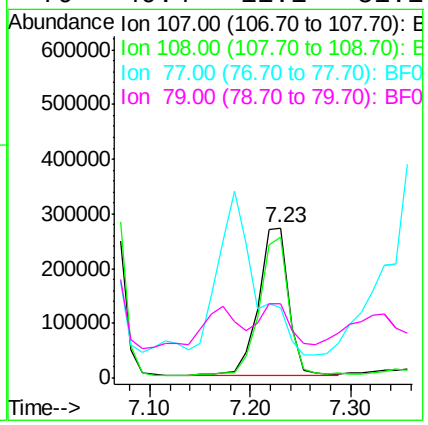
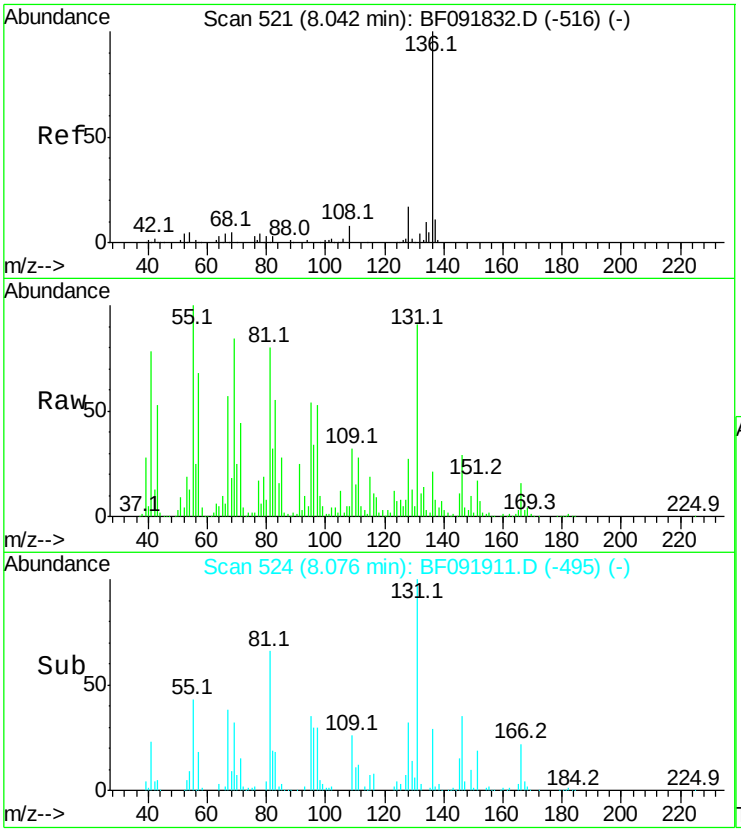


#20
3+4-Methylphenols
Concen: 50.99 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.05 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:107 Resp: 557652

Ion	Ratio	Lower	Upper
107	100		
108	93.9	73.0	113.0
77	47.3	71.3	111.3#
79	49.4	11.1	51.1

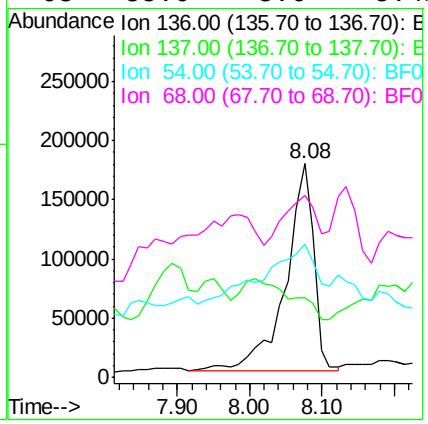




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.03 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:136 Resp: 473719

Ion	Ratio	Lower	Upper
136	100		
137	36.9	8.4	12.6#
54	62.5	4.5	6.7#
68	85.0	3.6	5.4#



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

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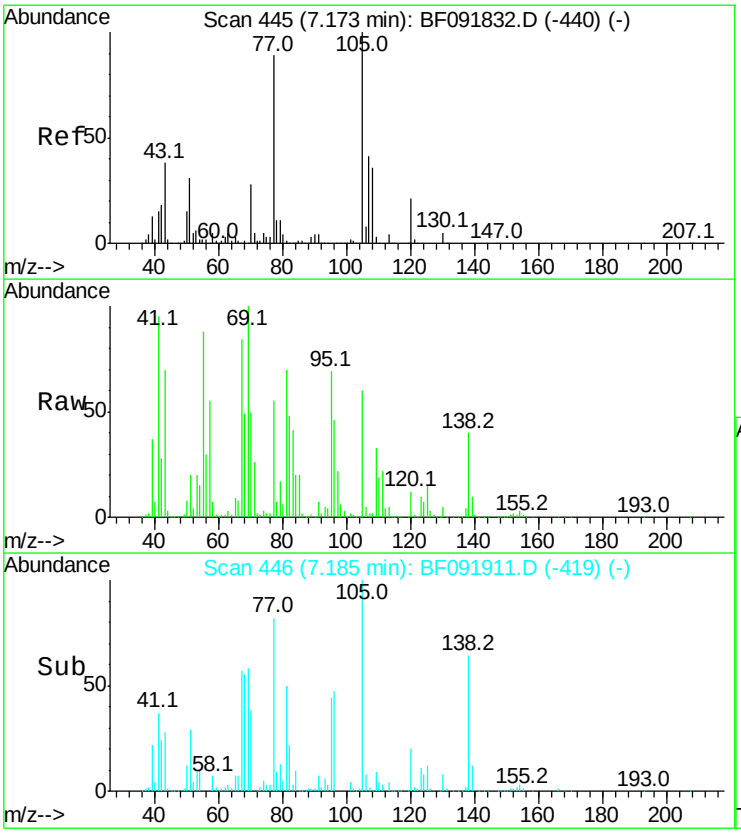
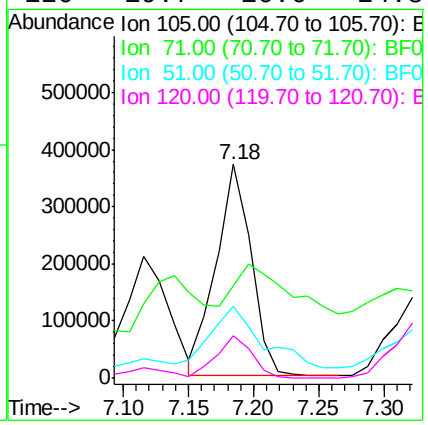
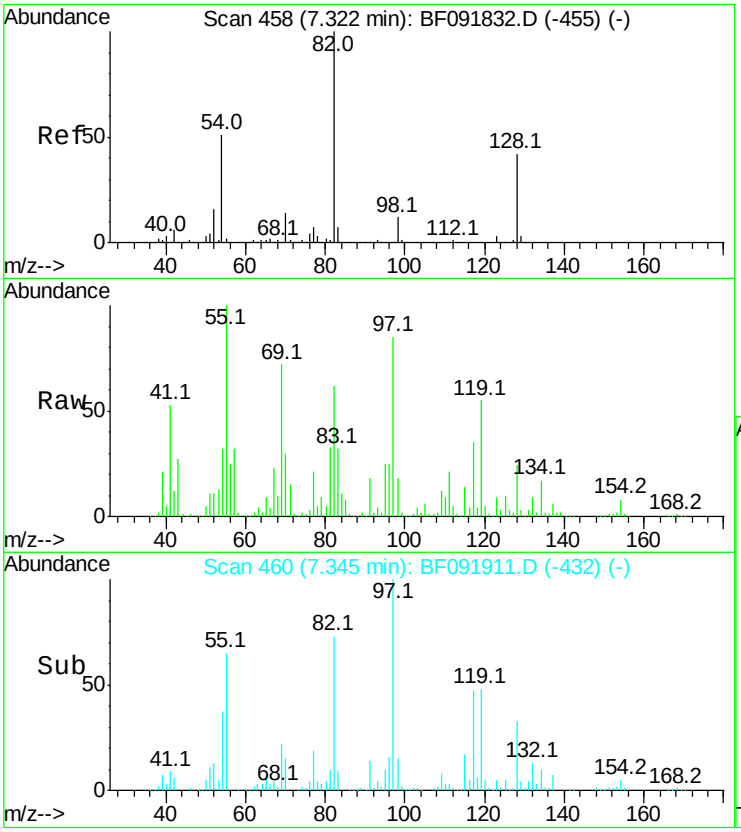


#22
Acetophenone
Concen: 59.55 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:105 Resp: 695778

Ion	Ratio	Lower	Upper
105	100		
71	43.4	3.2	4.8#
51	33.4	26.2	39.4
120	19.7	16.6	24.8

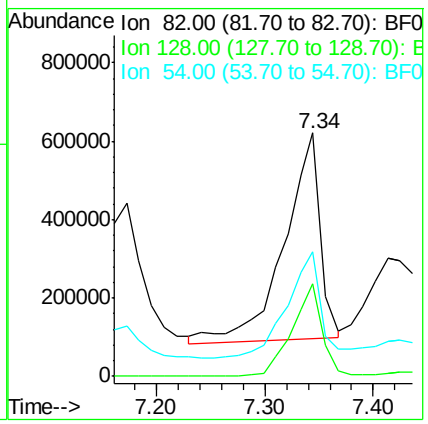




#23
Nitrobenzene-d5
Concen: 142.79 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.02 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion: 82 Resp: 1216431

Ion	Ratio	Lower	Upper
82	100		
128	38.2	34.6	52.0
54	51.1	39.5	59.3



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

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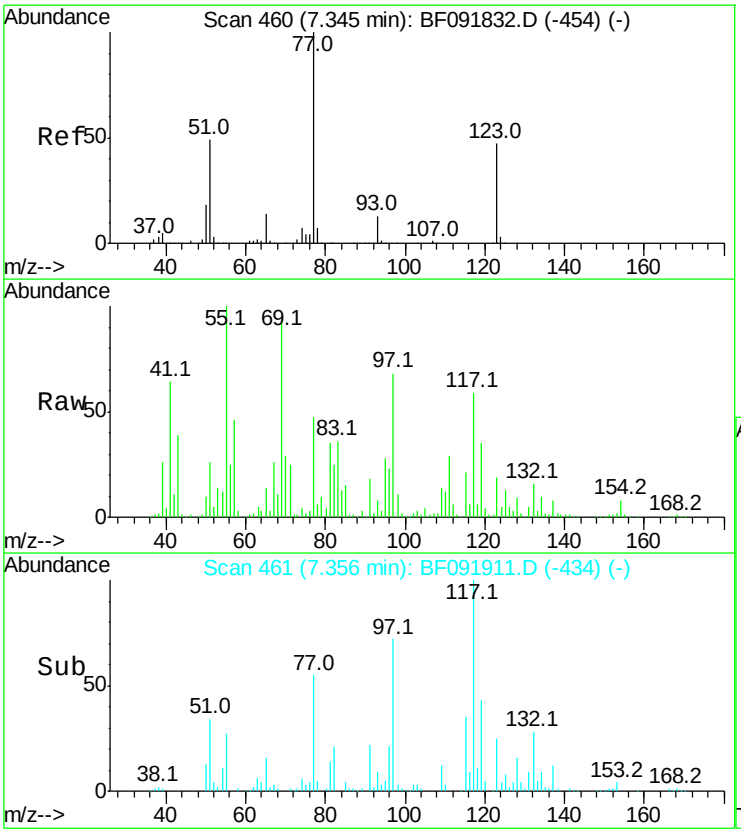
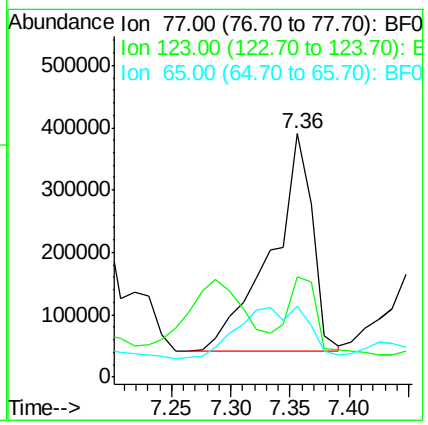
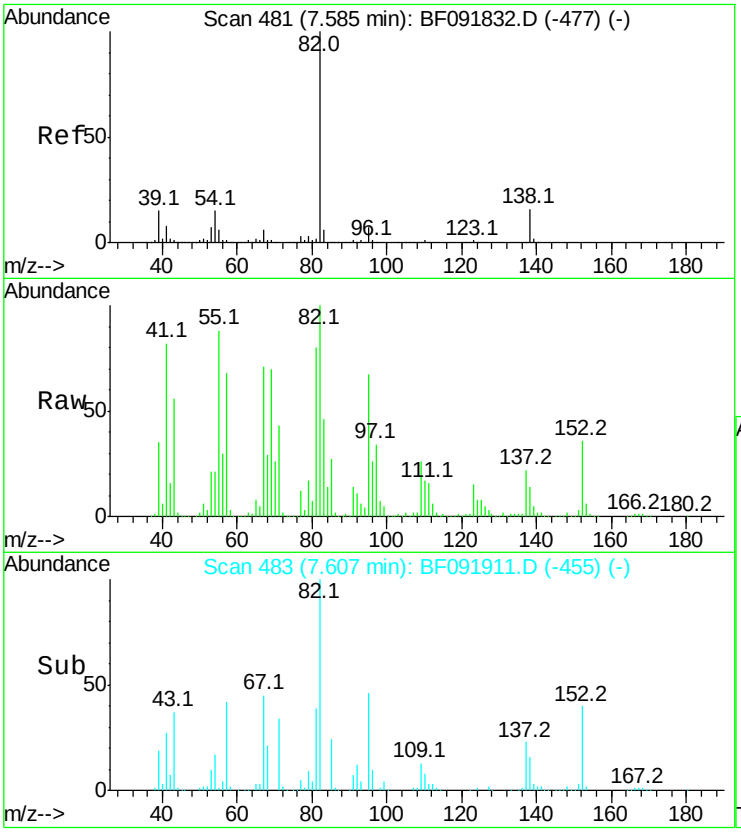


#24
Nitrobenzene
Concen: 92.19 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion: 77 Resp: 836484

Ion	Ratio	Lower	Upper
77	100		
123	41.1	33.0	49.4
65	29.1	11.2	16.8#

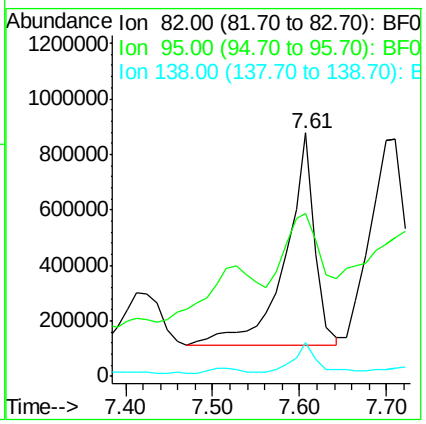




#25
Isophorone
Concen: 112.32 ng
RT: 7.61 min Scan# 483
Delta R.T. 0.02 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion: 82 Resp: 1765463

Ion	Ratio	Lower	Upper
82	100		
95	67.0	5.6	8.4#
138	13.9	14.6	22.0#



Instrument :
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ClientSampleId :
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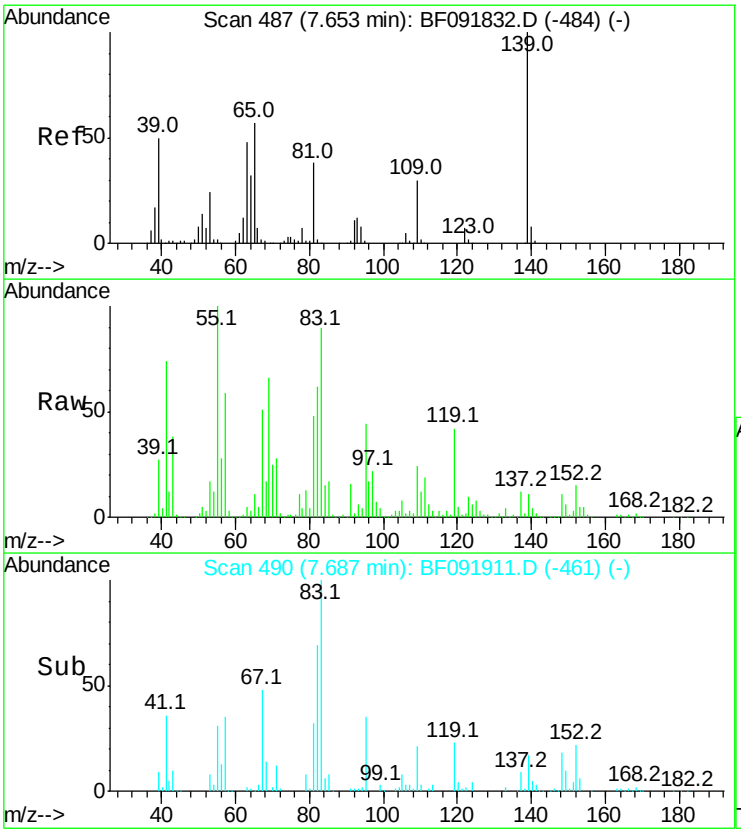
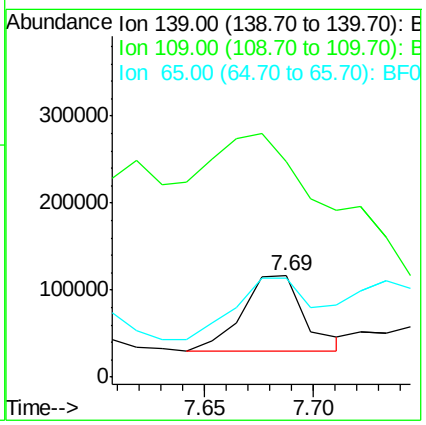
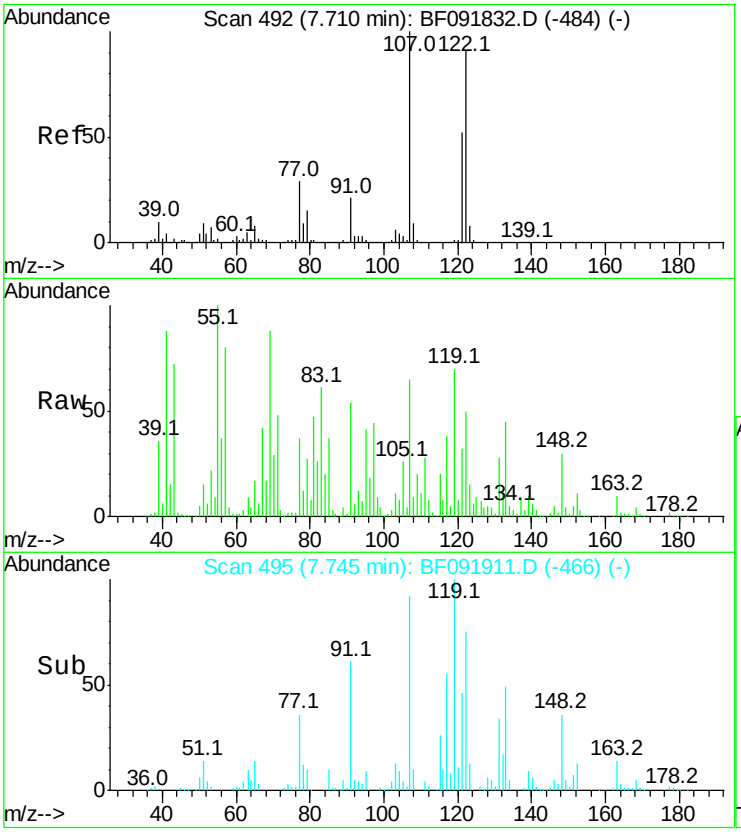


#26
2-Nitrophenol
Concen: 38.61 ng
RT: 7.69 min Scan# 490
Delta R.T. 0.03 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:139 Resp: 172781

Ion	Ratio	Lower	Upper
139	100		
109	213.4	23.3	34.9#
65	98.1	42.7	64.1#

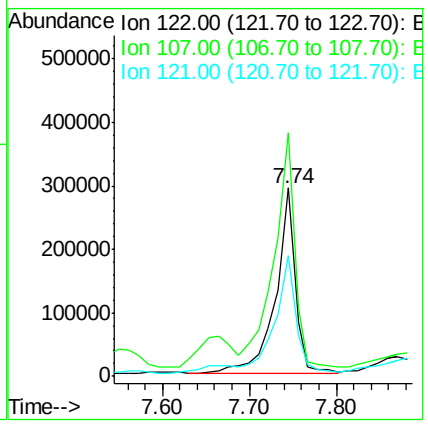




#27
2,4-Dimethylphenol
Concen: 62.21 ng
RT: 7.74 min Scan# 495
Delta R.T. 0.03 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:122 Resp: 461672

Ion	Ratio	Lower	Upper
122	100		
107	129.5	94.1	141.1
121	64.2	46.0	69.0



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

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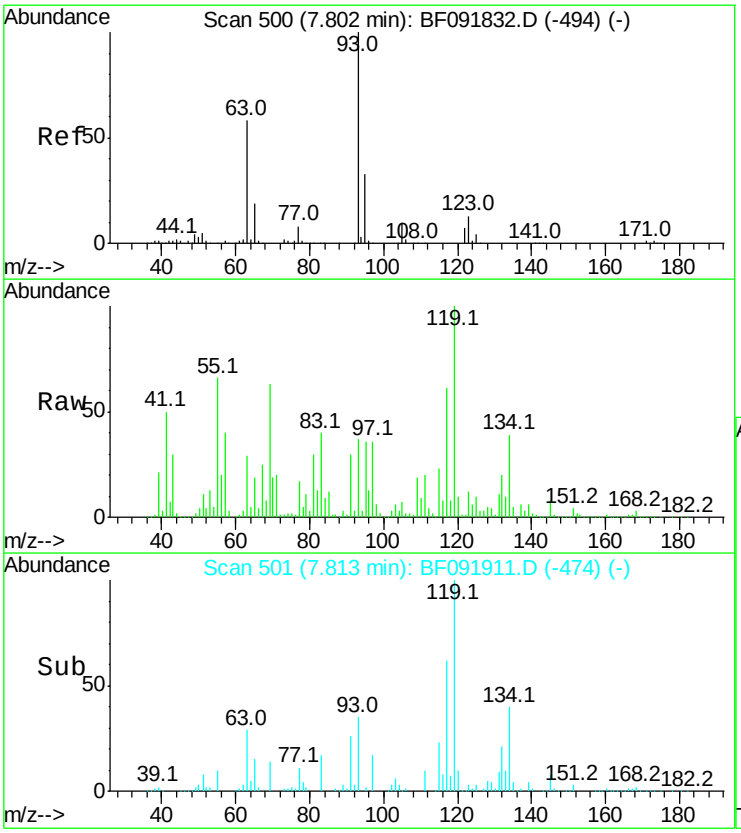
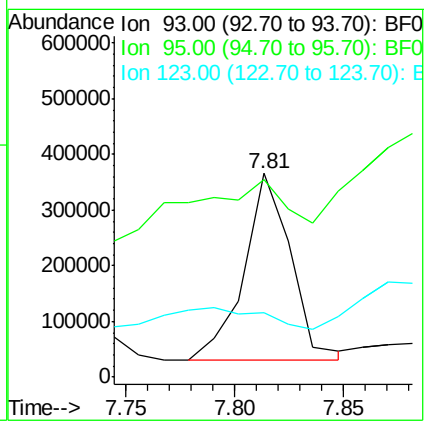
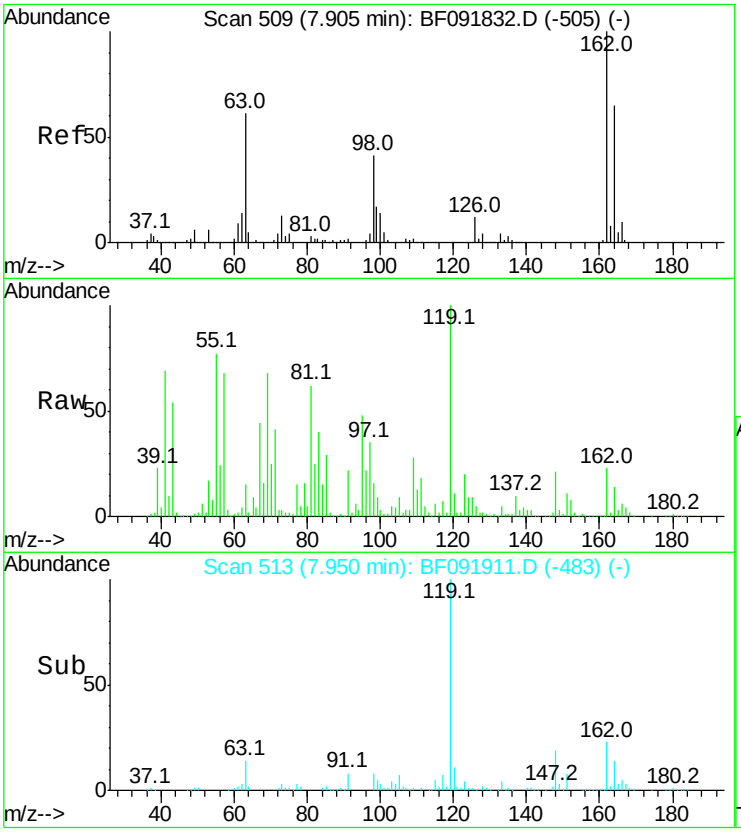


#28
bis(2-Chloroethoxy)methane
Concen: 52.51 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion: 93 Resp: 500476

Ion	Ratio	Lower	Upper
93	100		
95	96.9	26.5	39.7#
123	31.3	8.6	13.0#

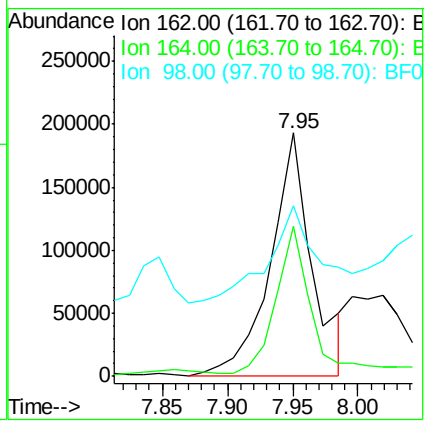




#29
2,4-Dichlorophenol
Concen: 67.90 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.05 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:162 Resp: 426690

Ion	Ratio	Lower	Upper
162	100		
164	61.9	46.8	86.8
98	69.9	9.1	49.1#



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

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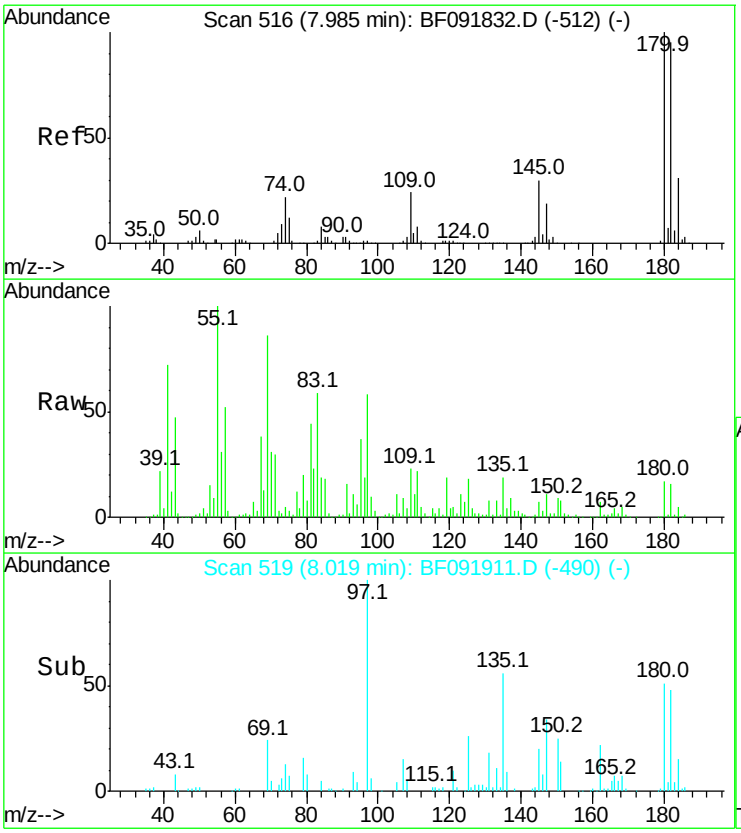
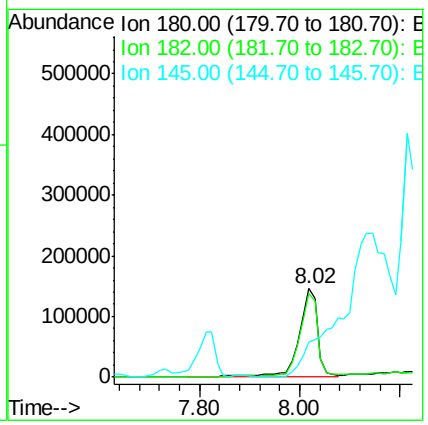
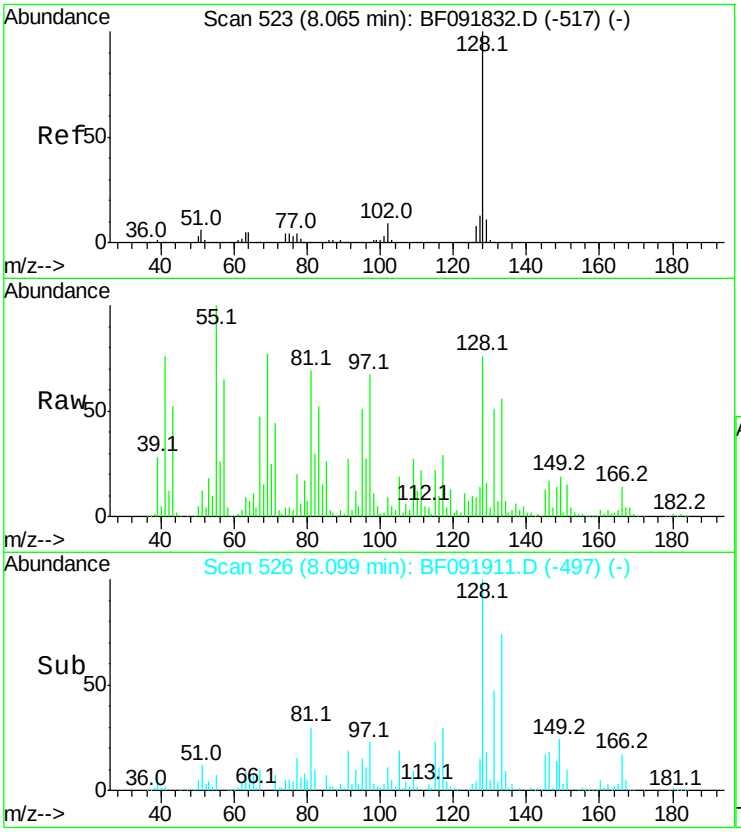


#30
1,2,4-Trichlorobenzene
Concen: 53.52 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.03 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:180 Resp: 368596

Ion	Ratio	Lower	Upper
180	100		
182	94.7	78.2	117.4
145	39.6	21.6	32.4#

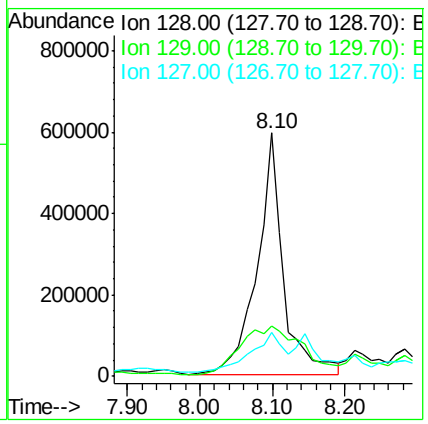




#31
Naphthalene
Concen: 69.51 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.03 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:128 Resp: 1507128

Ion	Ratio	Lower	Upper
128	100		
129	20.8	9.5	14.3#
127	18.2	10.8	16.2#



Instrument :
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ClientSampleId :
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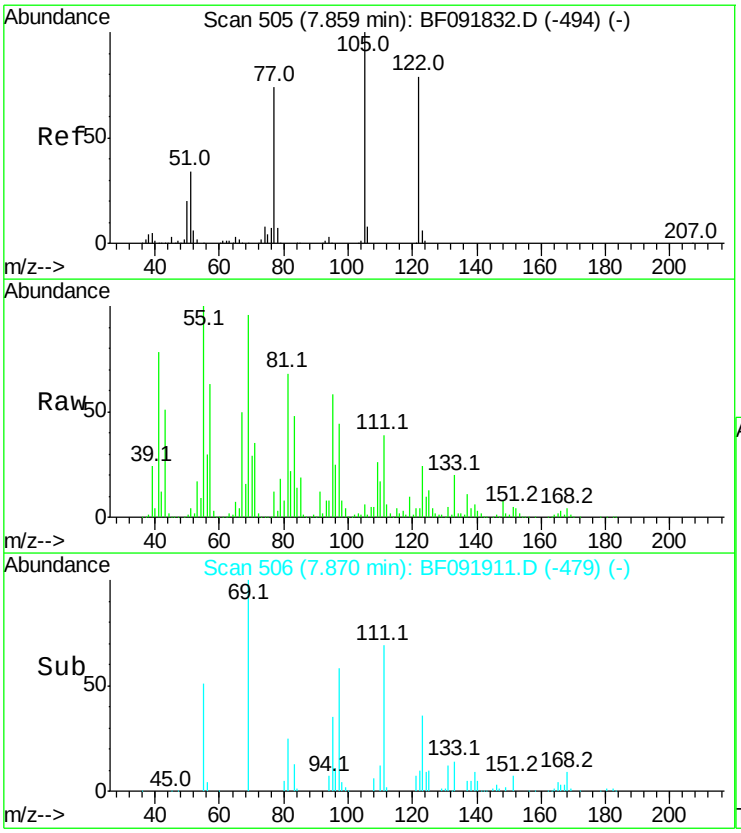
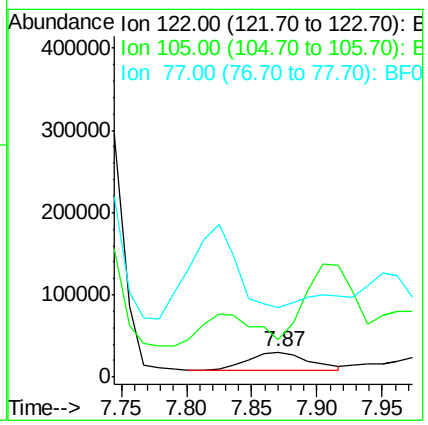
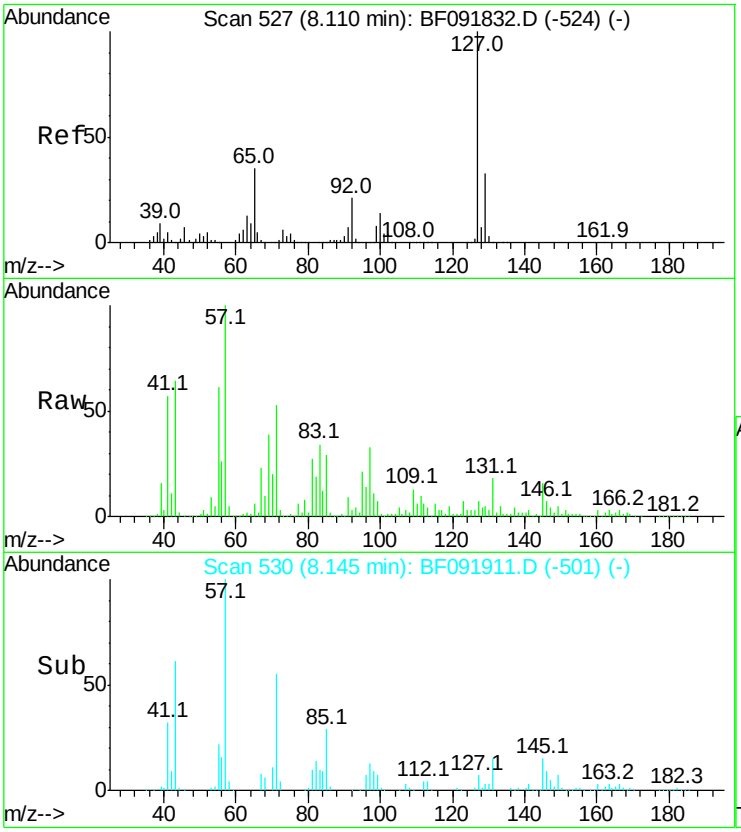


#32
Benzoic acid
Concen: 13.76 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:122 Resp: 75755

Ion	Ratio	Lower	Upper
122	100		
105	151.4	107.2	147.2#
77	281.0	74.5	114.5#

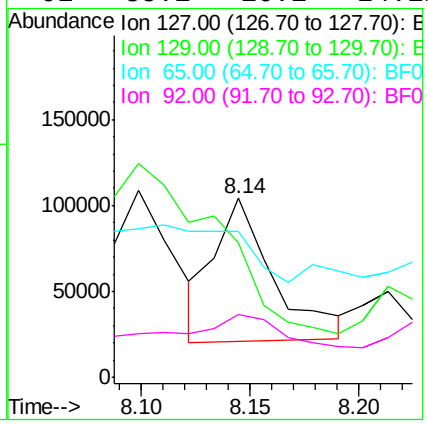




#33
4-Chloroaniline
Concen: 16.01 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.03 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:127 Resp: 156468

Ion	Ratio	Lower	Upper
127	100		
129	75.2	26.3	39.5#
65	81.6	25.8	38.8#
92	35.1	16.1	24.1#



Instrument :
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ClientSampleId :
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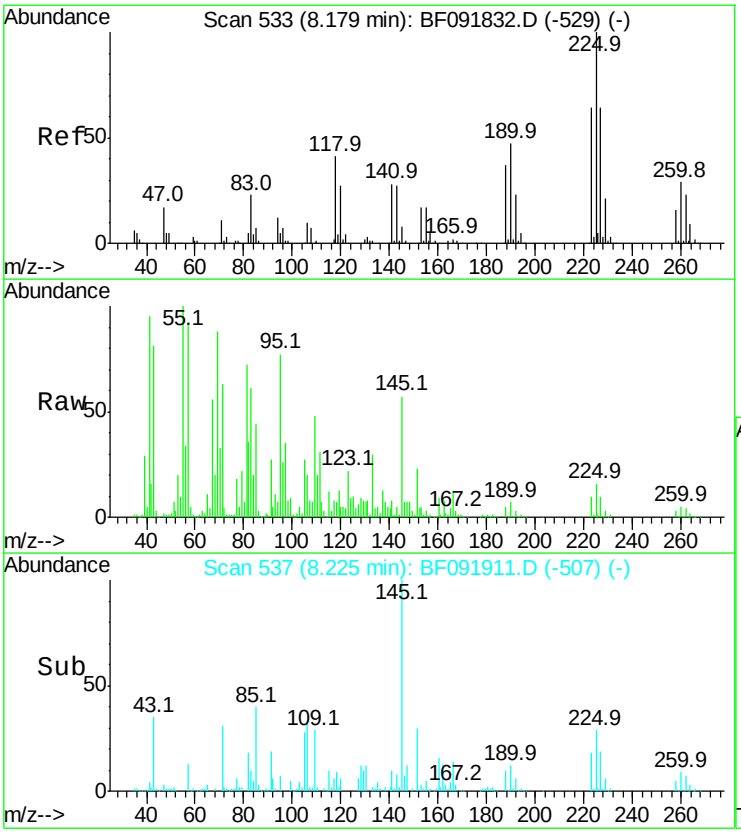
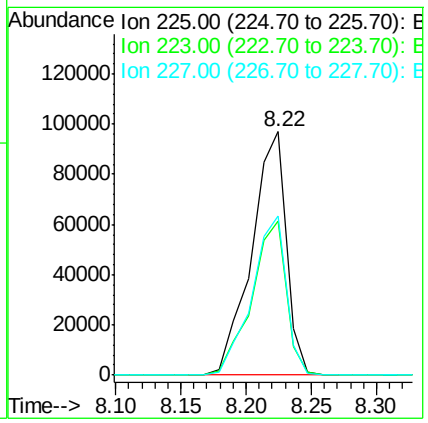
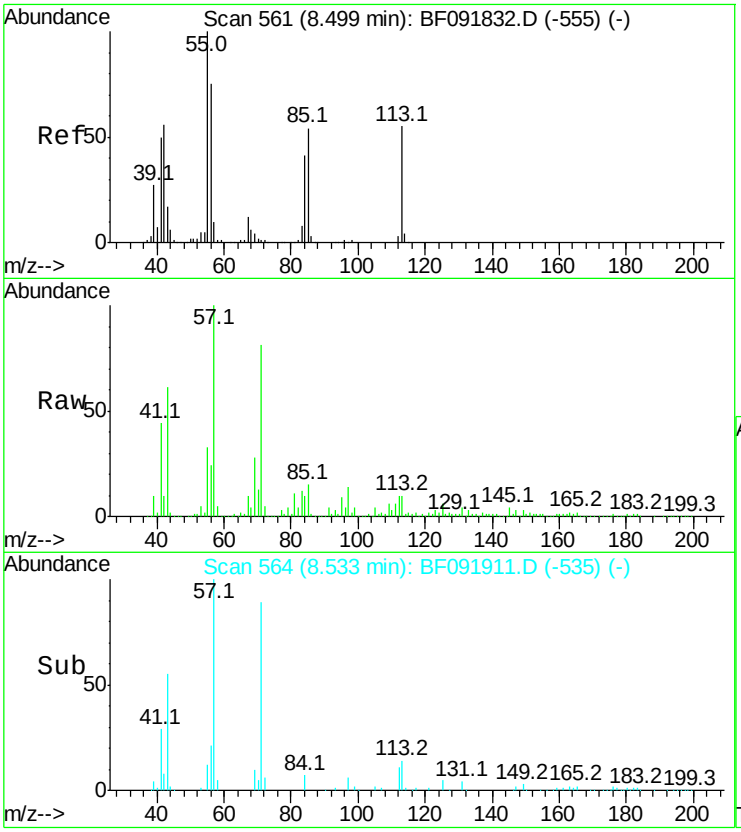


#34
Hexachlorobutadiene
Concen: 49.90 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.05 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:225 Resp: 181404

Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.6
227	65.2	50.6	76.0





#35
Caprolactam
Concen: 406.26 ng
RT: 8.53 min Scan# 564
Delta R.T. 0.03 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:113 Resp: 838999

Ion	Ratio	Lower	Upper
113	100		
55	324.7	119.2	159.2#
56	236.4	83.8	123.8#

Instrument :
BNA_F
ClientSampleId :
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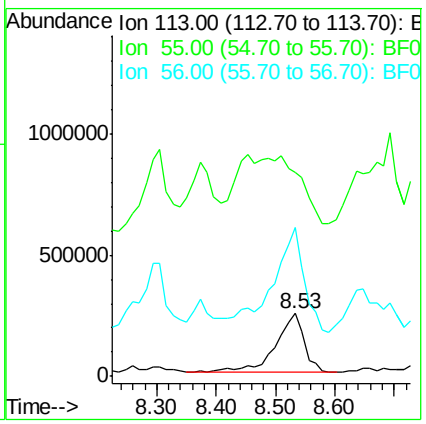
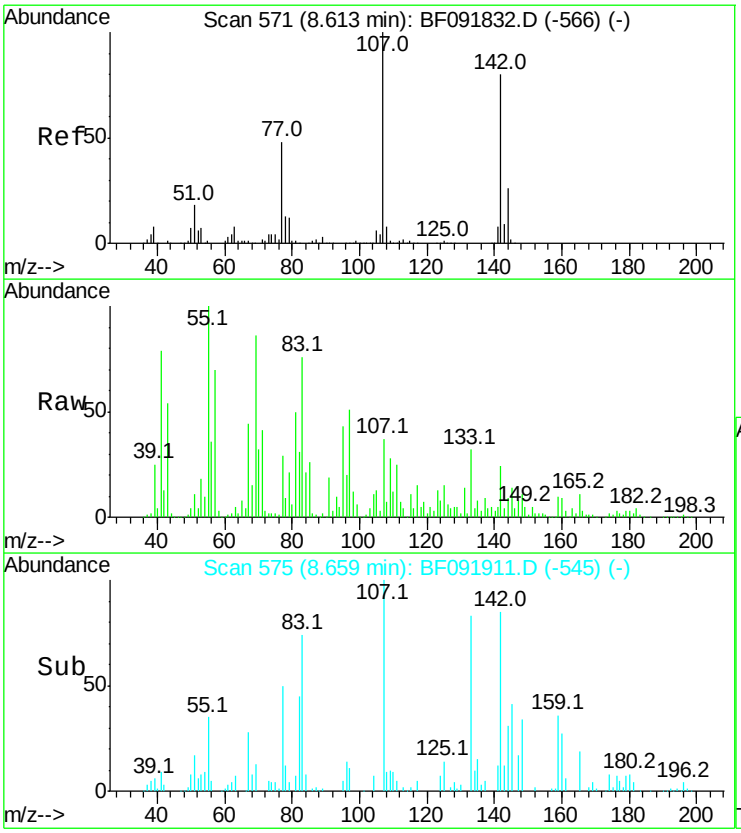
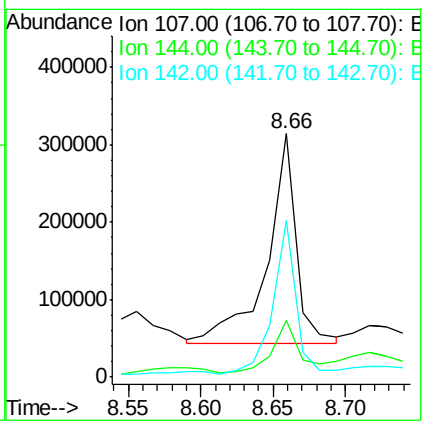


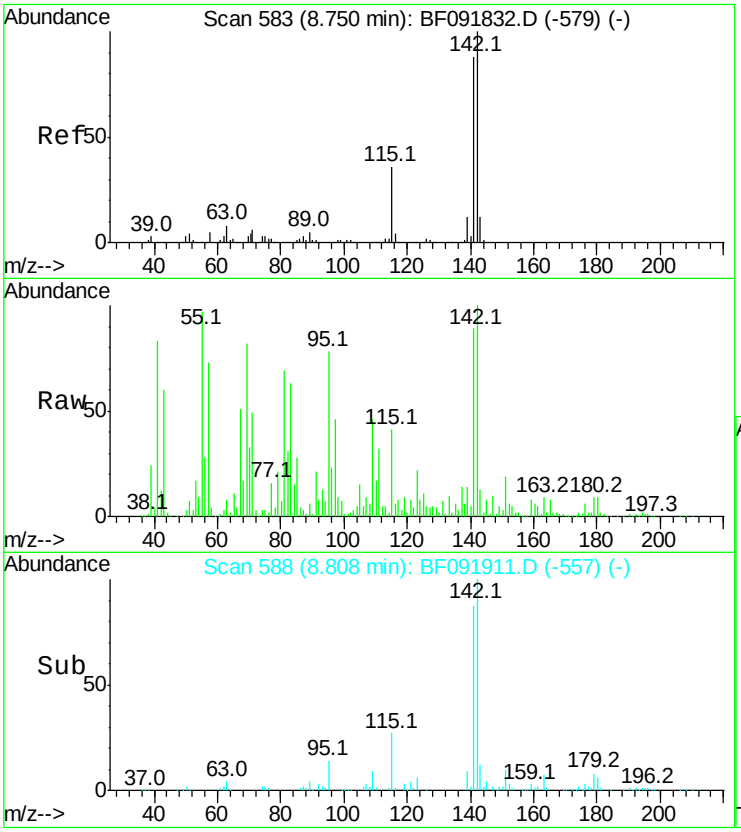


#36
4-Chloro-3-methylphenol
Concen: 52.21 ng
RT: 8.66 min Scan# 575
Delta R.T. 0.05 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:107 Resp: 377569

Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.3	28.9
142	64.1	59.0	88.6

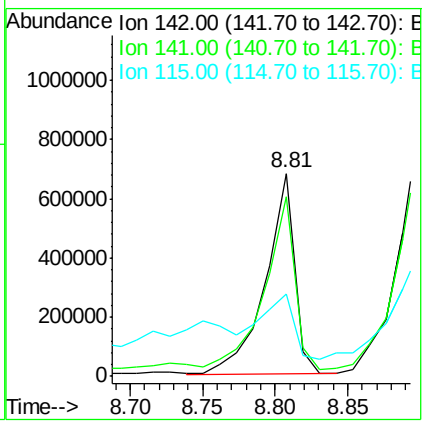




#37
2-Methylnaphthalene
Concen: 64.24 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.06 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:142 Resp: 955149

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.6
115	40.7	28.3	42.5



Instrument :
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ClientSampleId :
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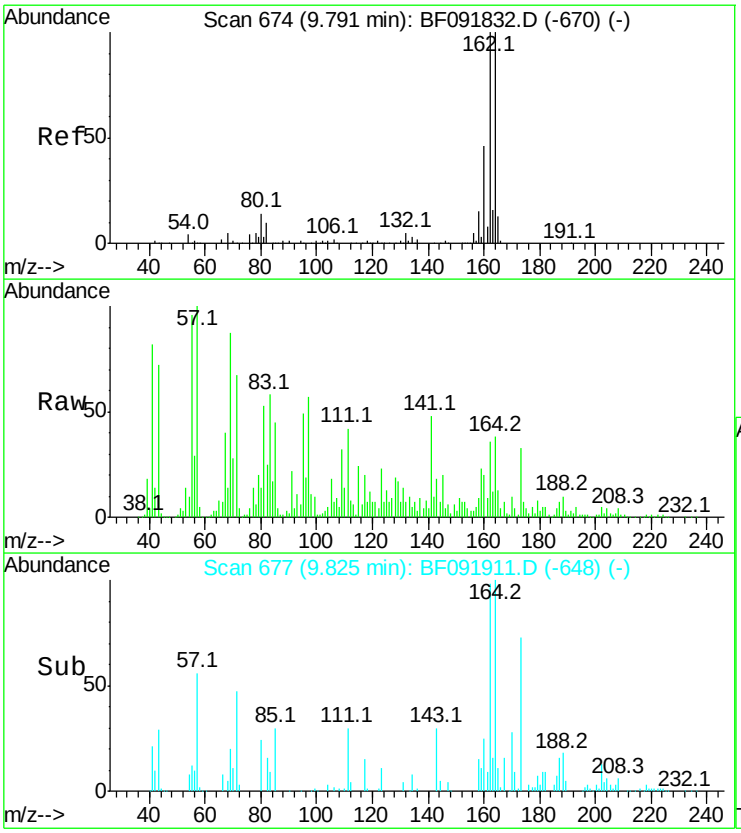
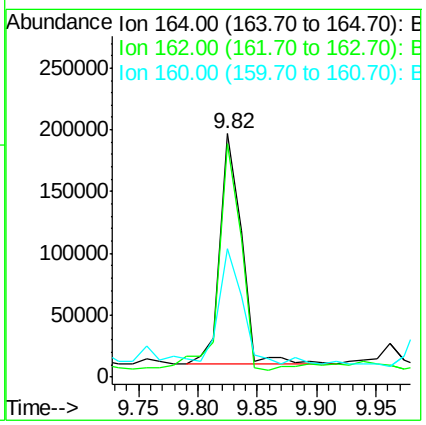
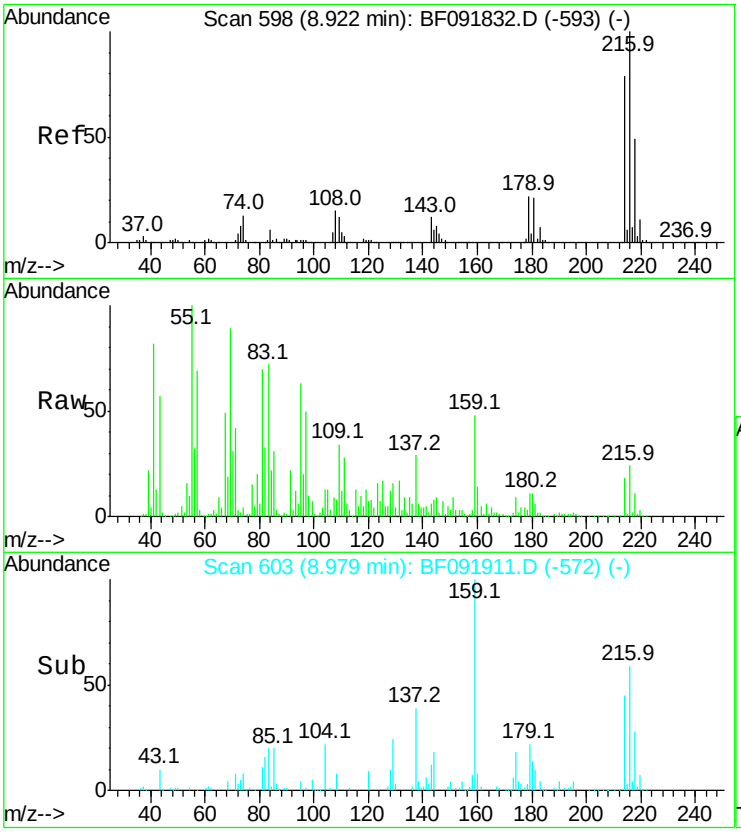


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.03 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:164 Resp: 229150

Ion	Ratio	Lower	Upper
164	100		
162	95.6	80.2	120.2
160	52.6	36.9	55.3

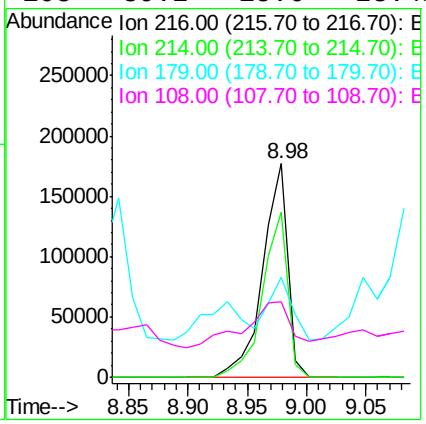




#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.87 ng
RT: 8.98 min Scan# 603
Delta R.T. 0.06 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:216 Resp: 259783

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.4	95.0
179	28.3	17.4	26.2#
108	39.2	15.6	23.4#



Instrument :
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ClientSampleId :
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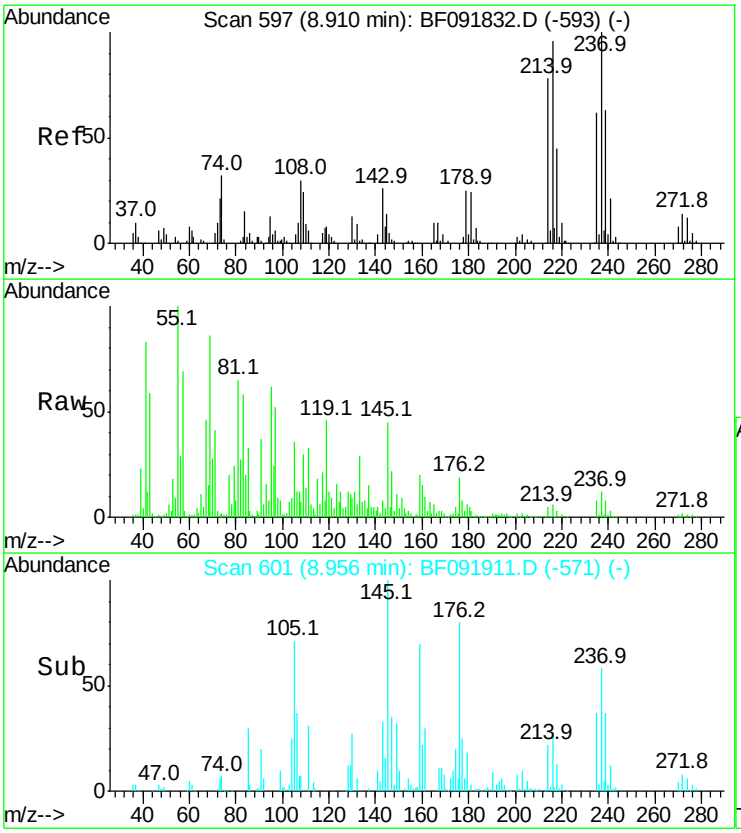
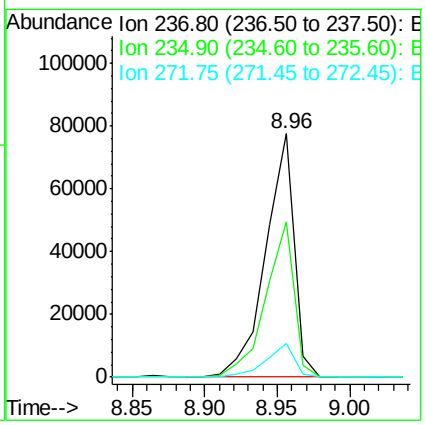
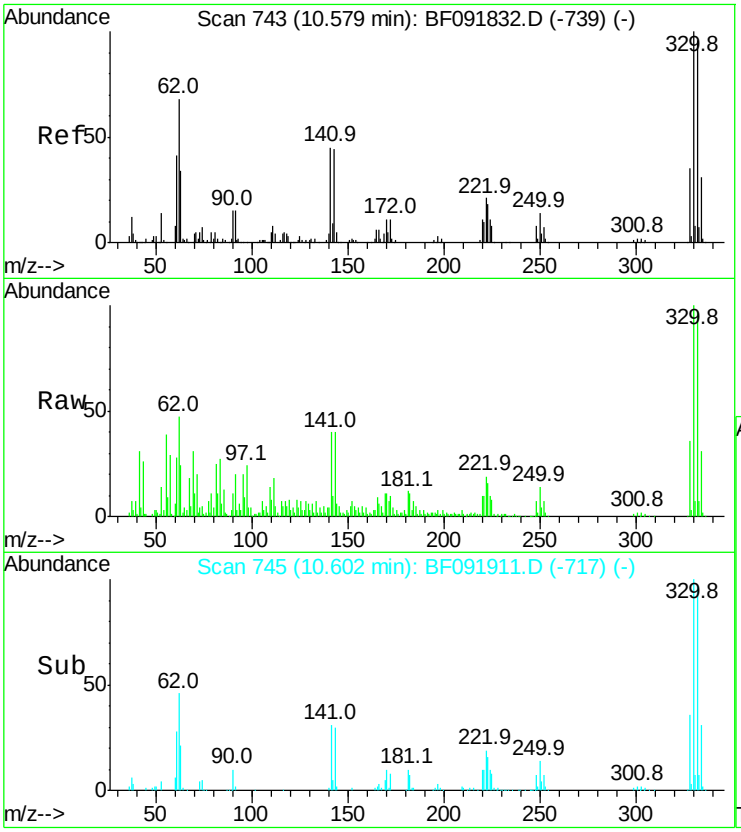


#40
Hexachlorocyclopentadiene
Concen: 42.92 ng
RT: 8.96 min Scan# 601
Delta R.T. 0.05 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:237 Resp: 105657

Ion	Ratio	Lower	Upper
237	100		
235	63.9	41.2	81.2
272	14.1	0.0	35.4

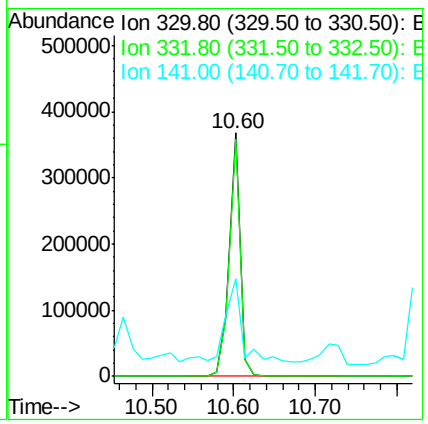




#41
2,4,6-Tribromophenol
Concen: 179.36 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.02 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:330 Resp: 340142

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	50.7	34.1	51.1



Instrument :
BNA_F
ClientSampleId :
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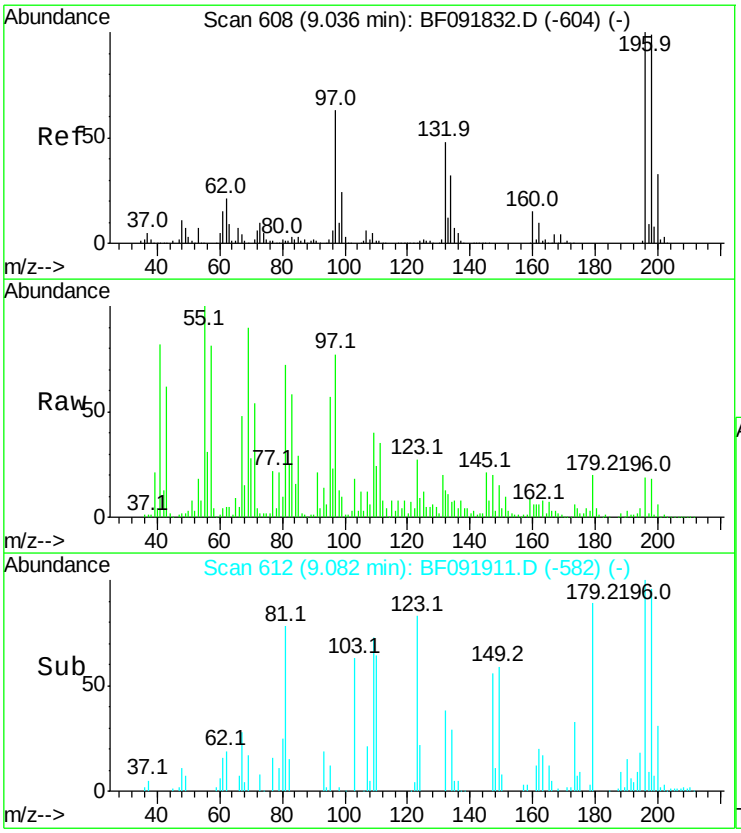
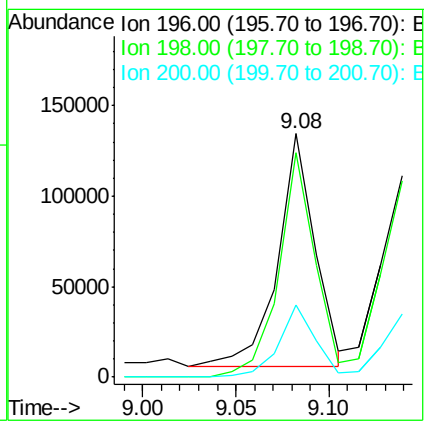
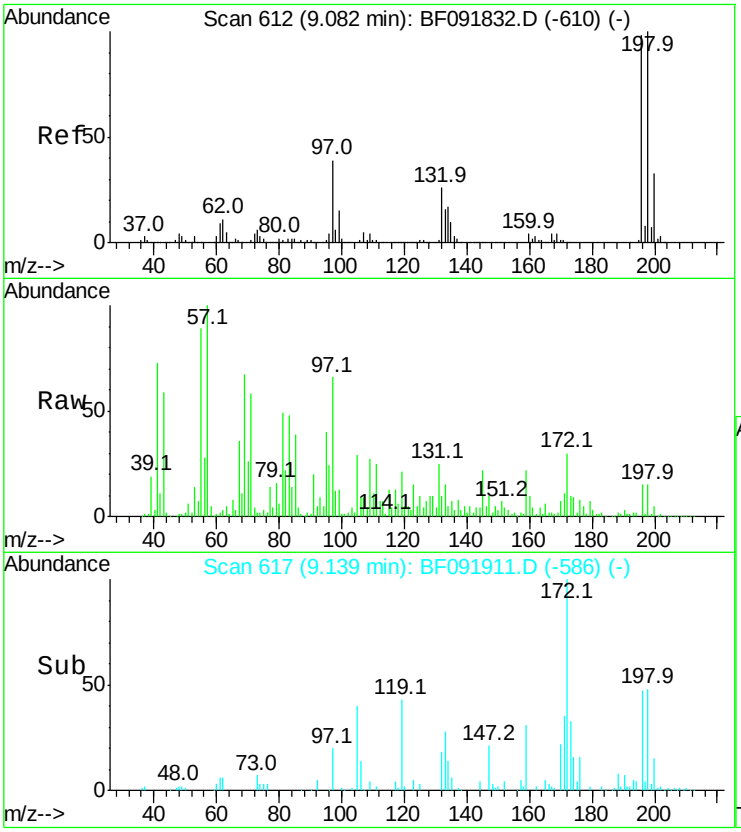


#42
2,4,6-Trichlorophenol
Concen: 44.00 ng
RT: 9.08 min Scan# 612
Delta R.T. 0.05 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:196 Resp: 178140

Ion	Ratio	Lower	Upper
196	100		
198	92.2	82.1	123.1
200	29.4	27.0	40.4

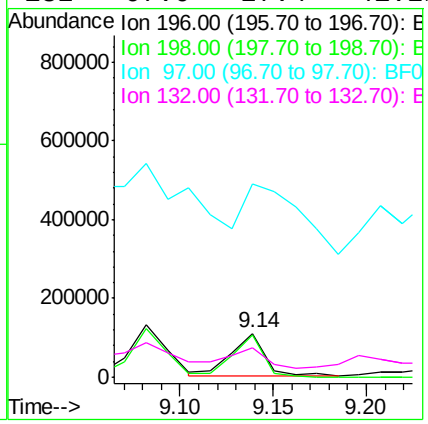




#43
2,4,5-Trichlorophenol
Concen: 31.78 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.06 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:196 Resp: 132412

Ion	Ratio	Lower	Upper
196	100		
198	97.2	79.4	119.2
97	439.5	51.5	77.3#
132	67.0	27.4	41.2#



Instrument :
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ClientSampleId :
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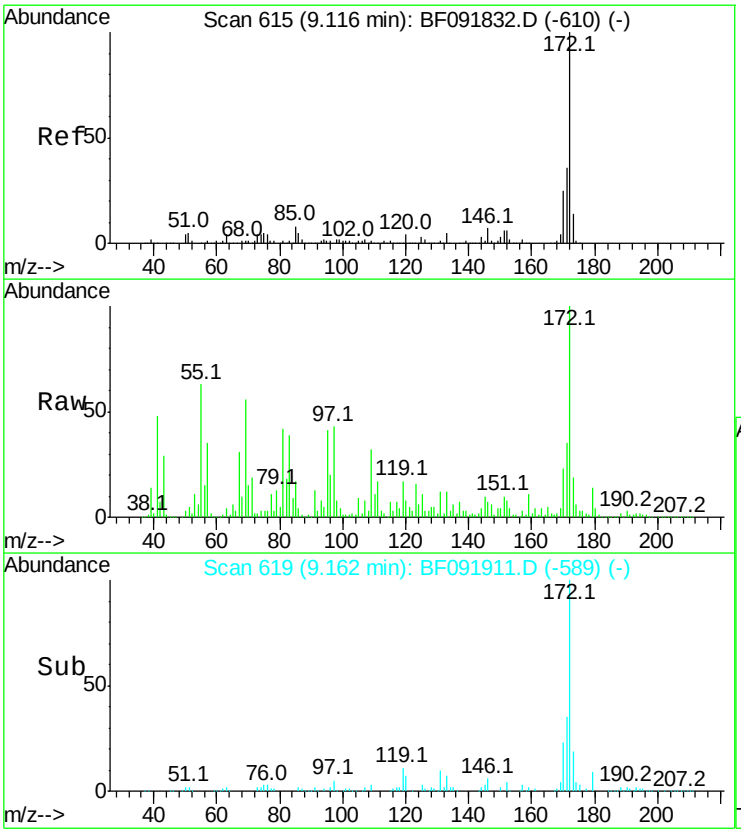
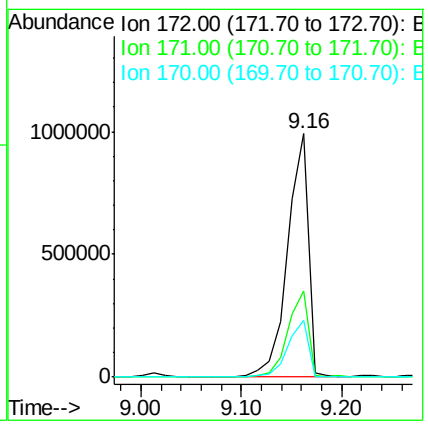
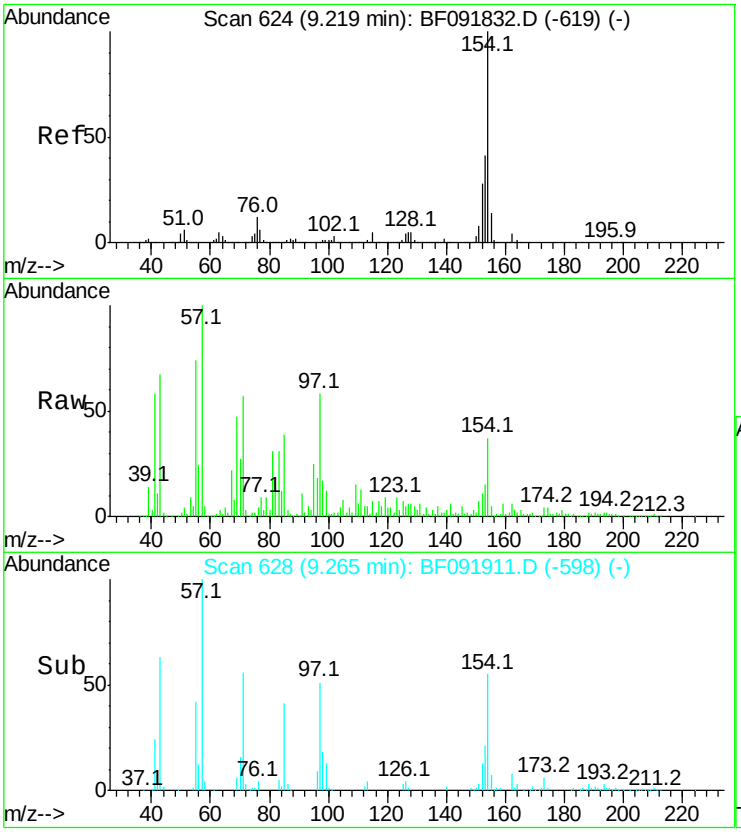


#44
2-Fluorobiphenyl
Concen: 133.94 ng
RT: 9.16 min Scan# 619
Delta R.T. 0.05 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:172 Resp: 1414920

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.5	20.2	30.4

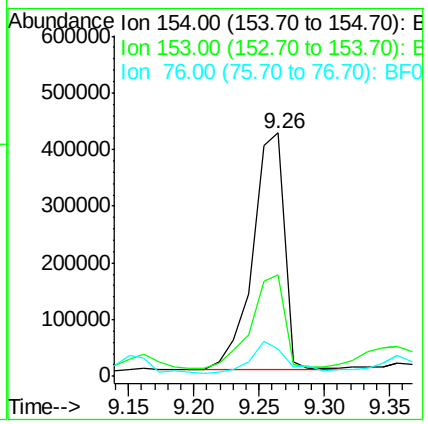




#45
1,1'-Biphenyl
Concen: 45.39 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.05 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:154 Resp: 712191

Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.9	60.9
76	11.1	0.0	30.5



Instrument :
BNA_F
ClientSampleId :
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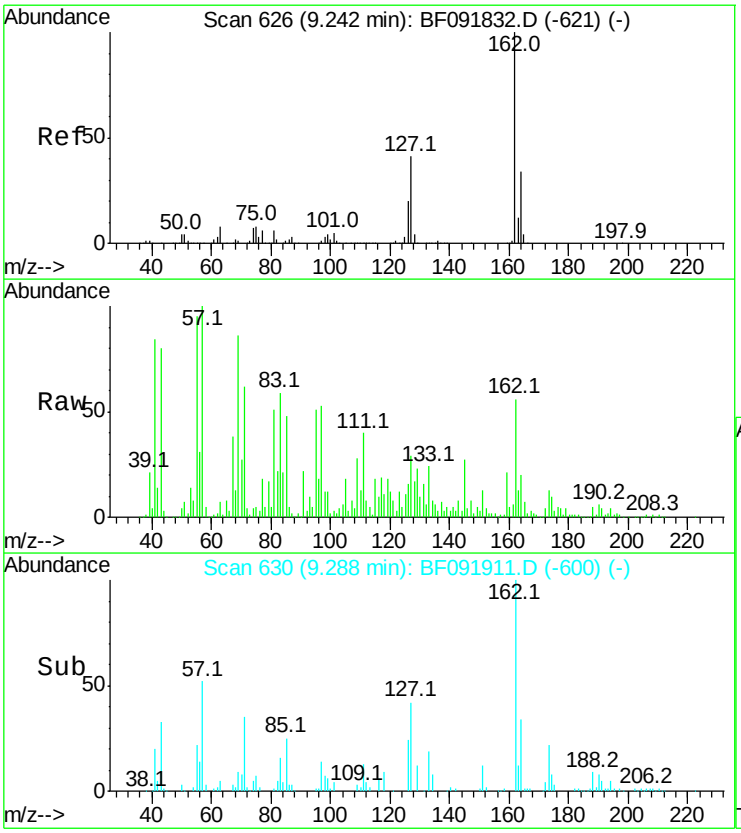
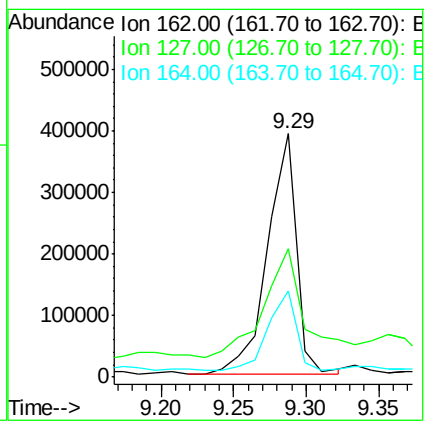
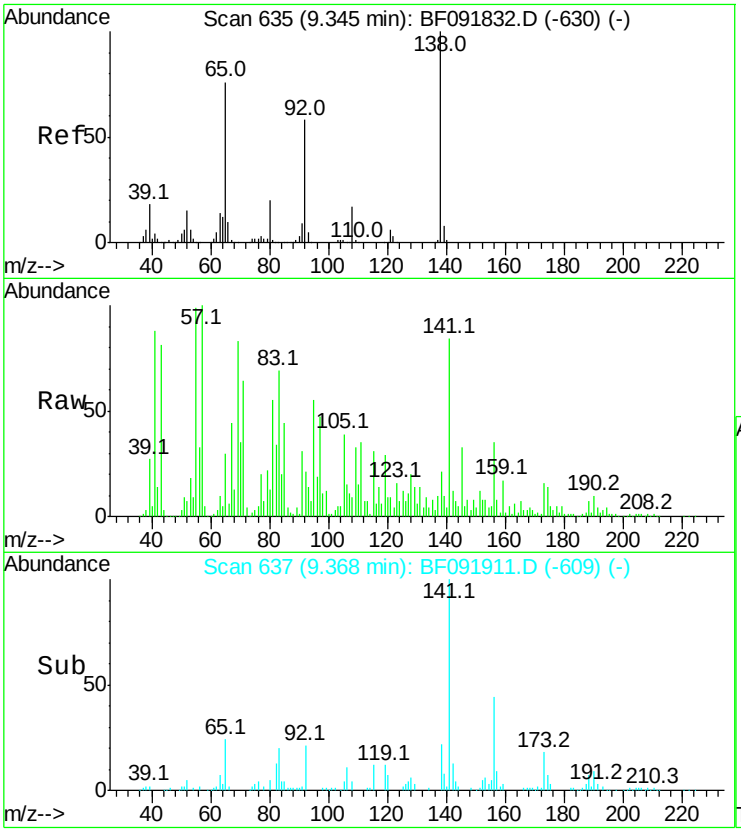


#46
2-Chloronaphthalene
Concen: 43.59 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.05 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:162 Resp: 541572

Ion	Ratio	Lower	Upper
162	100		
127	52.7	30.7	46.1#
164	35.3	27.6	41.4





#47
2-Nitroaniline
Concen: 60.02 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.02 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion: 65 Resp: 265550

Ion	Ratio	Lower	Upper
65	100		
92	70.4	53.9	80.9
138	71.4	76.8	115.2#

Instrument :
BNA_F
ClientSampleId :
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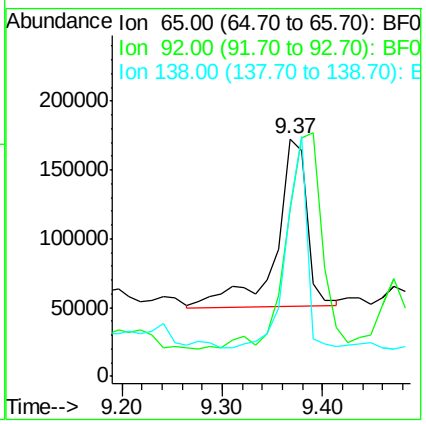
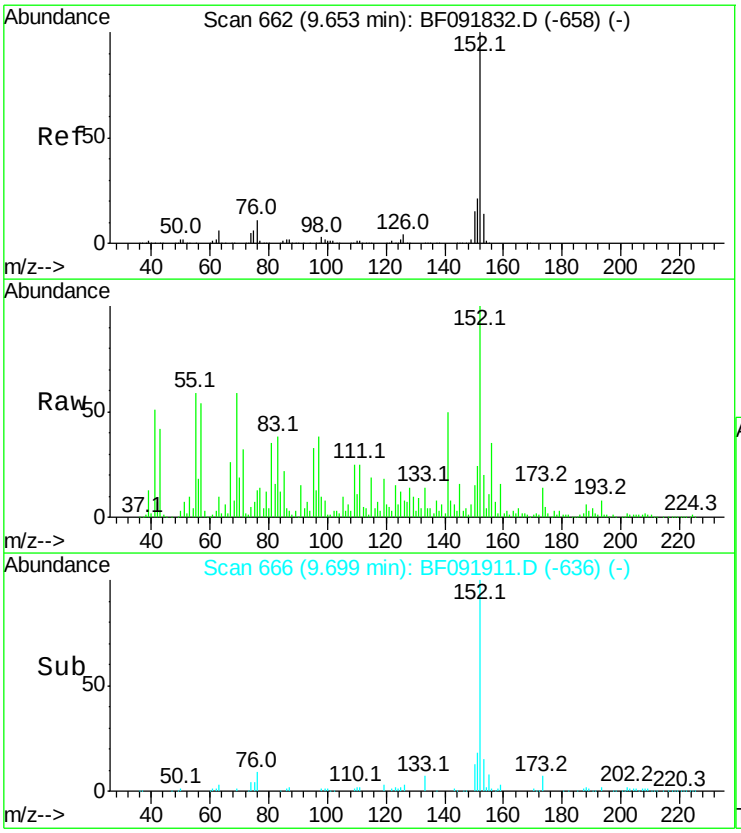
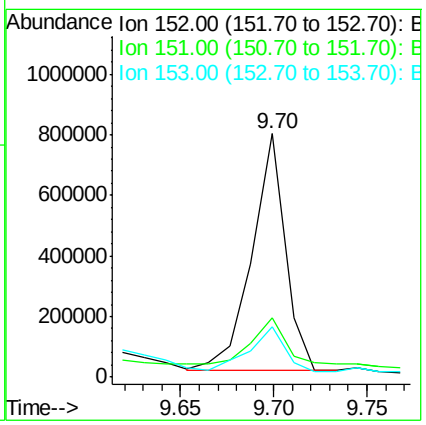


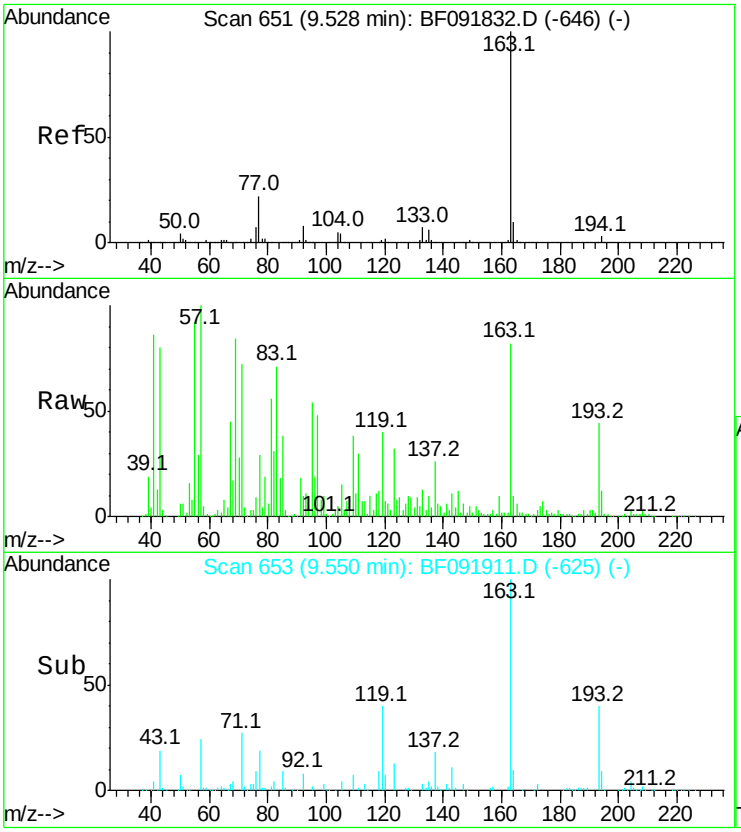


#48
Acenaphthylene
Concen: 50.37 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.05 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:152 Resp: 962523

Ion	Ratio	Lower	Upper
152	100		
151	24.5	16.9	25.3
153	20.4	11.4	17.2#

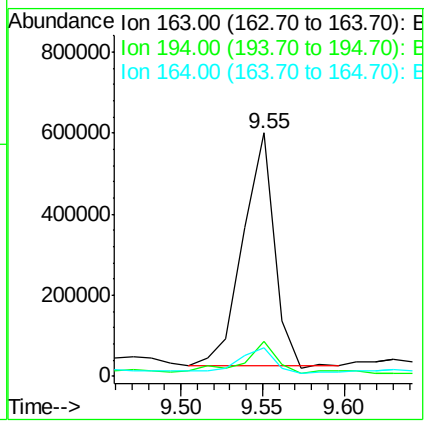




#49
Dimethylphthalate
Concen: 52.36 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.02 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:163 Resp: 767354

Ion	Ratio	Lower	Upper
163	100		
194	14.5	3.0	4.4#
164	11.7	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
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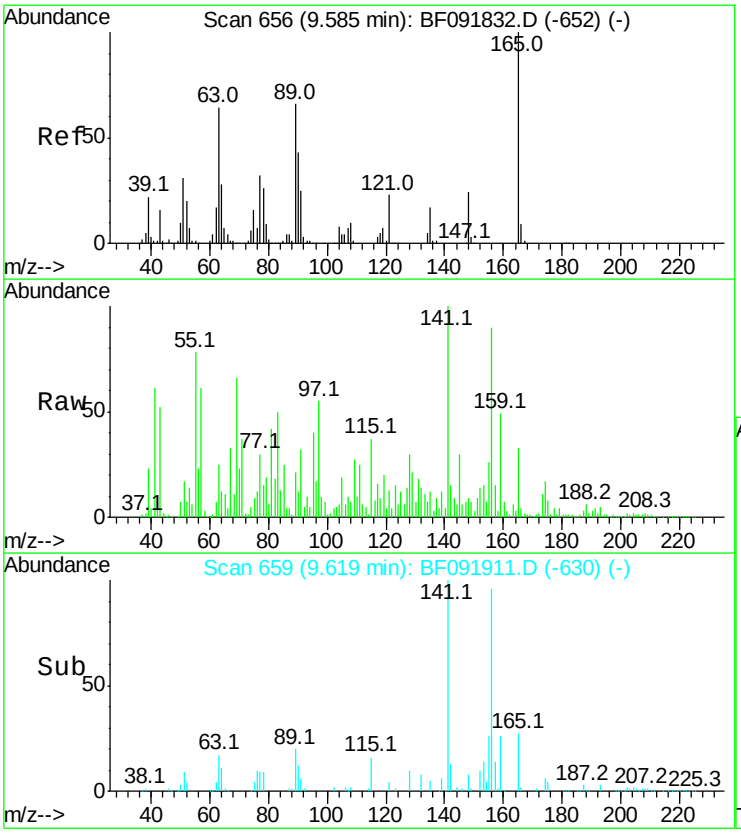
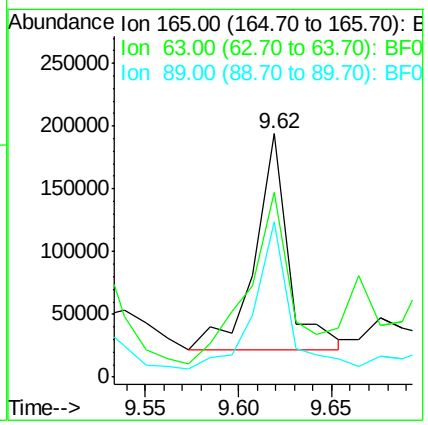
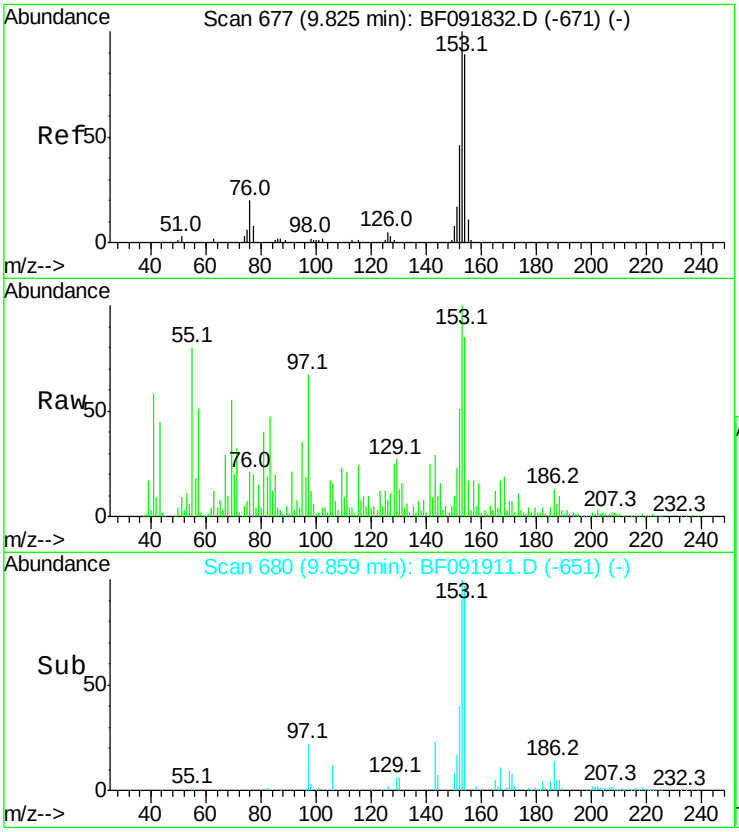


#50
2,6-Dinitrotoluene
Concen: 67.38 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.03 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:165 Resp: 216144

Ion	Ratio	Lower	Upper
165	100		
63	75.8	36.2	54.4#
89	63.9	40.2	60.4#

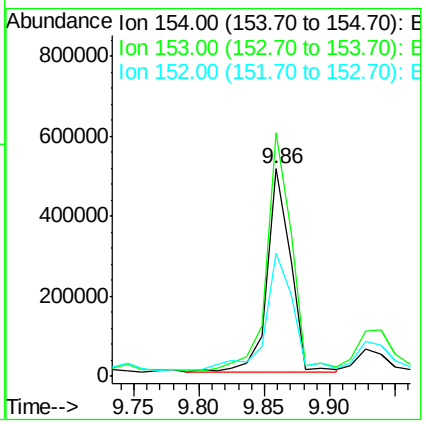




#51
Acenaphthene
Concen: 48.88 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.03 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:154 Resp: 633225

Ion	Ratio	Lower	Upper
154	100		
153	117.3	88.6	133.0
152	59.7	41.6	62.4



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

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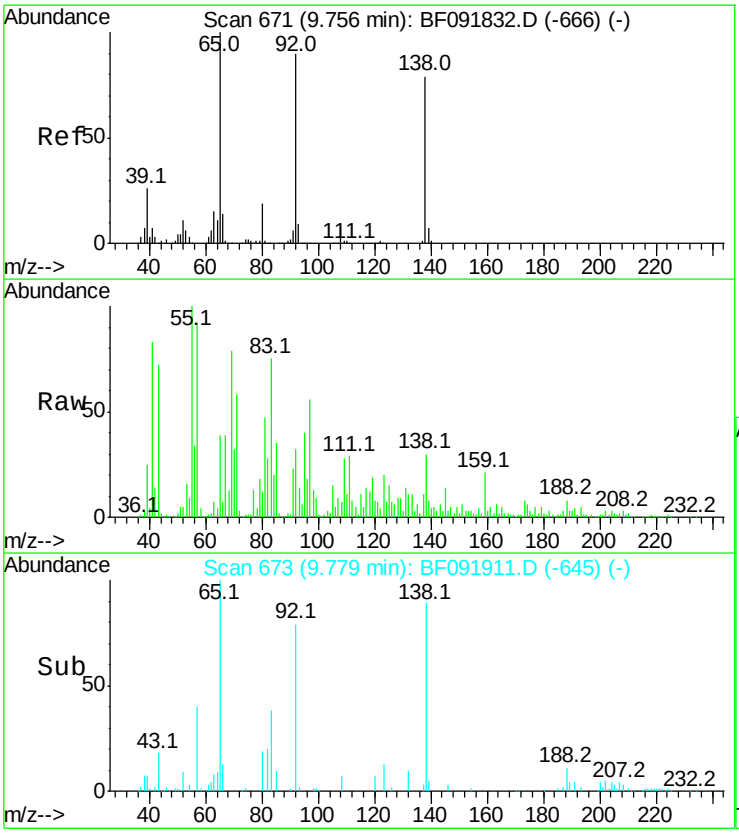
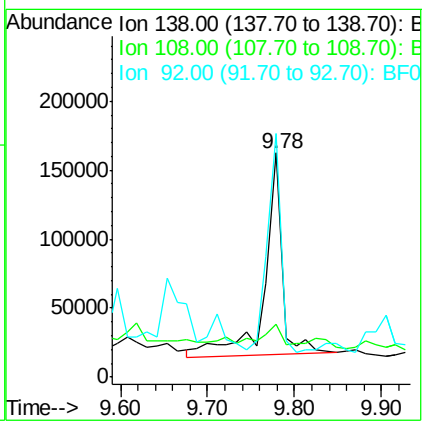
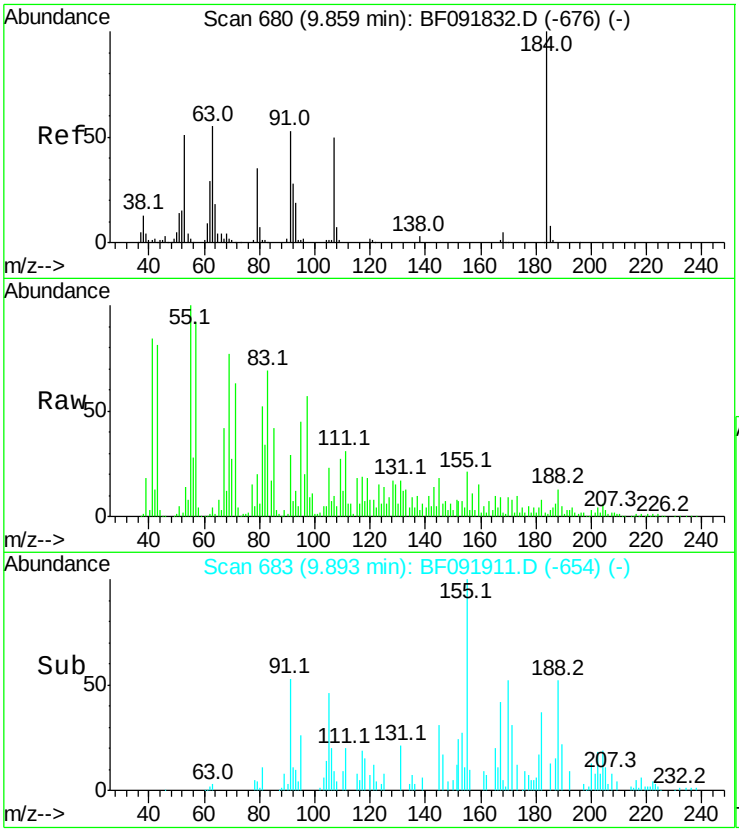


#52
3-Nitroaniline
Concen: 52.32 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.02 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:138 Resp: 207721

Ion	Ratio	Lower	Upper
138	100		
108	23.4	8.5	12.7#
92	108.7	97.8	146.8





#53
2,4-Dinitrophenol
Concen: 2.84 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.03 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:184 Resp: 5063

Ion	Ratio	Lower	Upper
184	100		
63	373.9	28.4	42.6#
154	445.8	44.3	66.5#

Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

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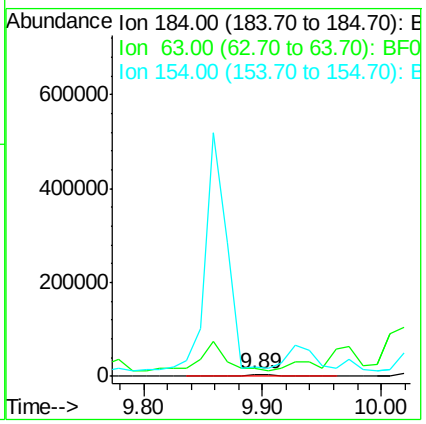
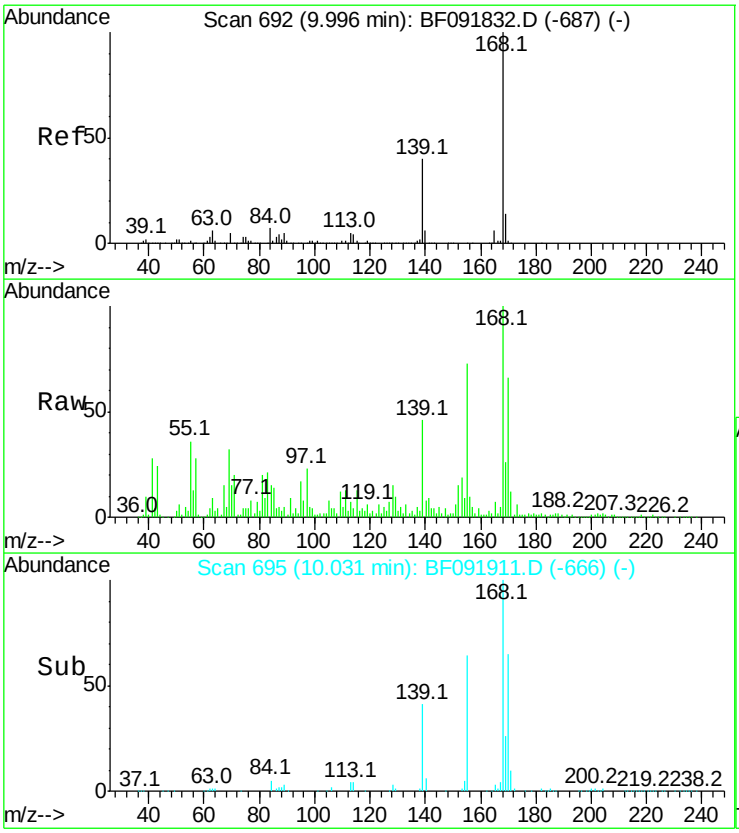
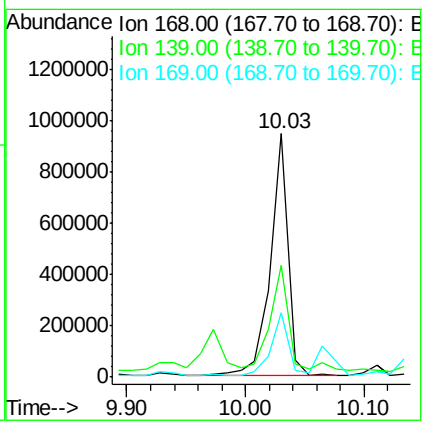


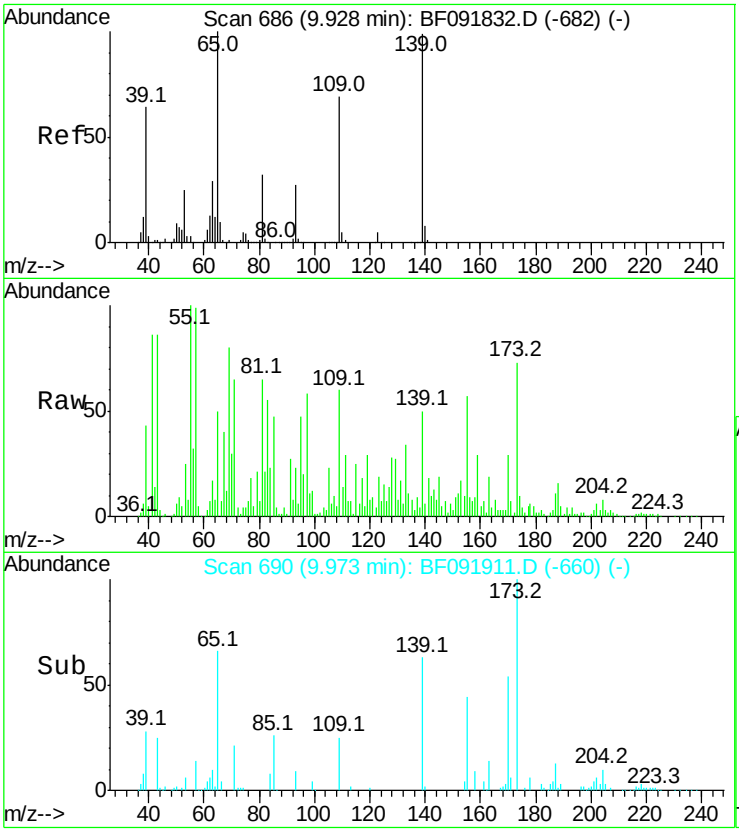


#54
Dibenzofuran
Concen: 56.33 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.03 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:168 Resp: 985515

Ion	Ratio	Lower	Upper
168	100		
139	45.9	32.6	49.0
169	26.5	11.3	16.9#

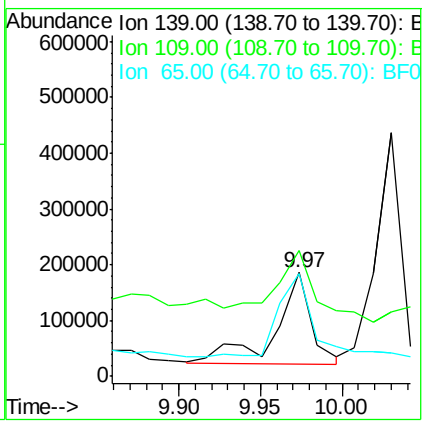




#55
4-Nitrophenol
Concen: 94.70 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.05 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:139 Resp: 255261

Ion	Ratio	Lower	Upper
139	100		
109	120.6	52.2	92.2#
65	99.2	85.8	125.8



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

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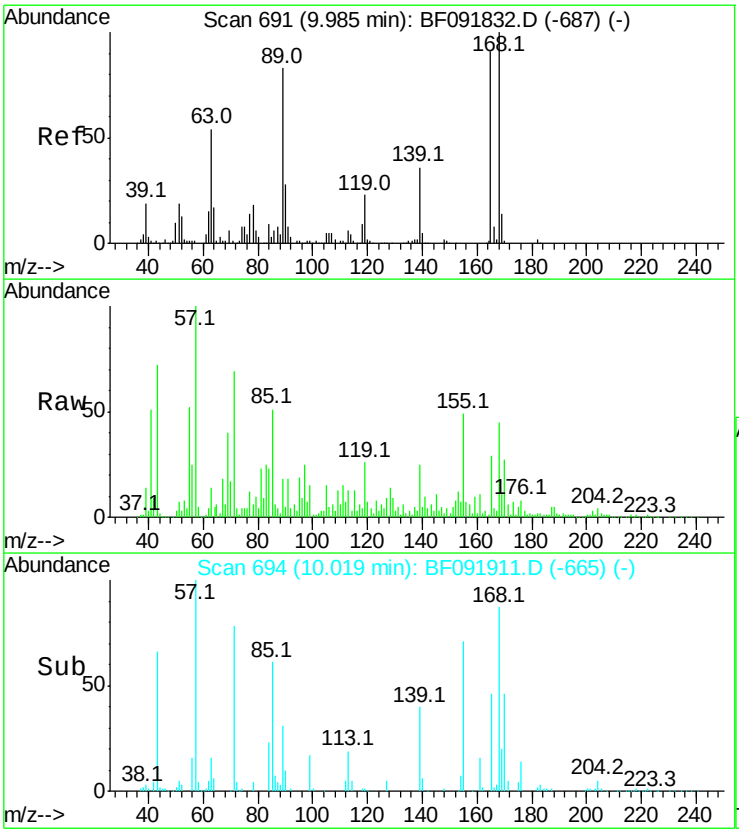
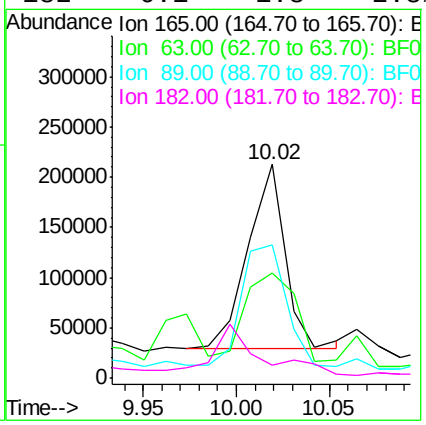
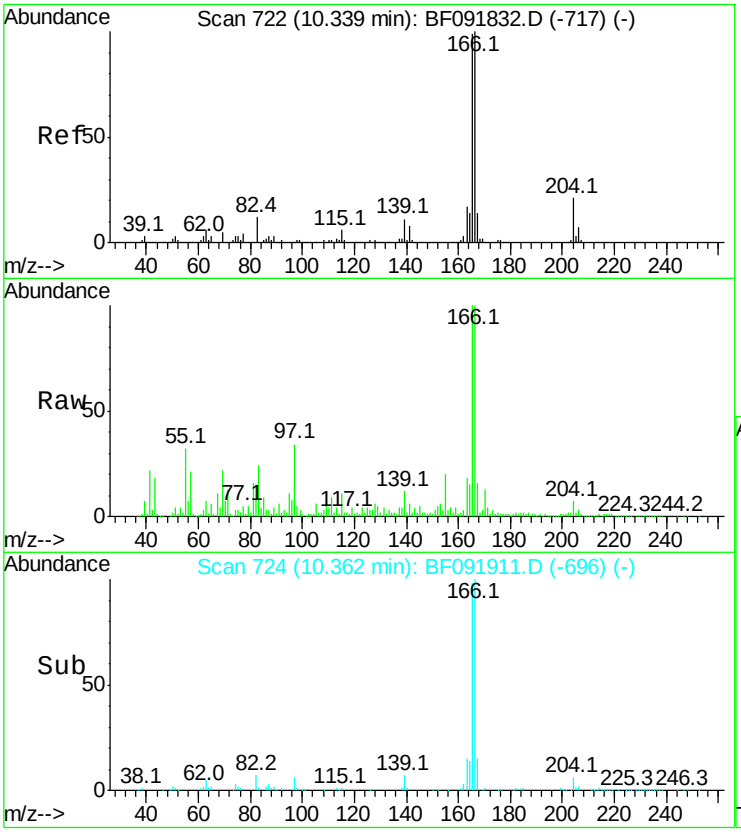


#56
2,4-Dinitrotoluene
Concen: 63.43 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.03 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:165 Resp: 255393

Ion	Ratio	Lower	Upper
165	100		
63	49.1	40.2	60.4
89	62.4	62.5	93.7#
182	6.1	1.8	2.8#

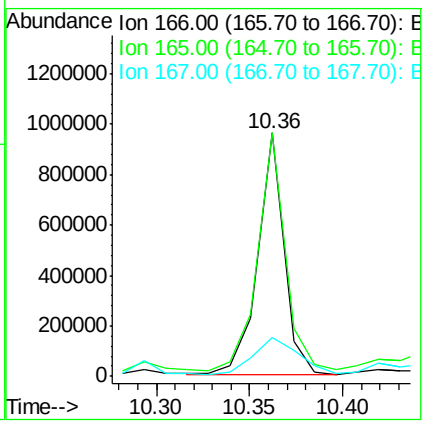




#57
Fluorene
Concen: 72.87 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.02 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:166 Resp: 927584

Ion	Ratio	Lower	Upper
166	100		
165	100.2	77.8	116.8
167	15.9	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

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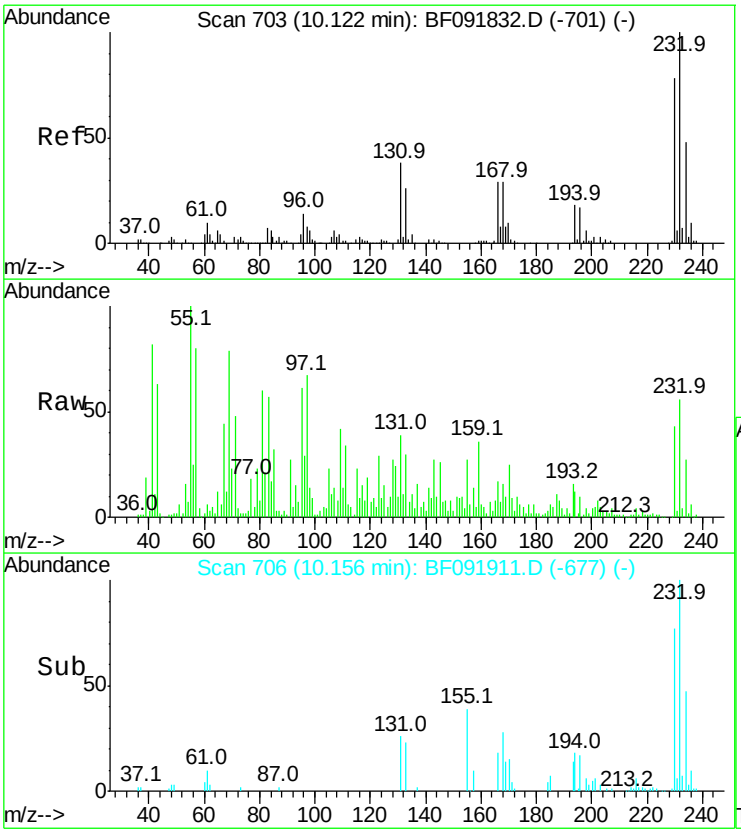
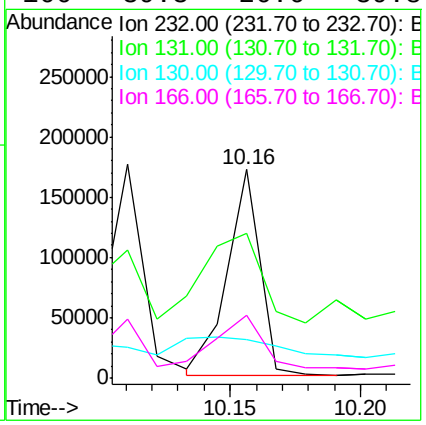
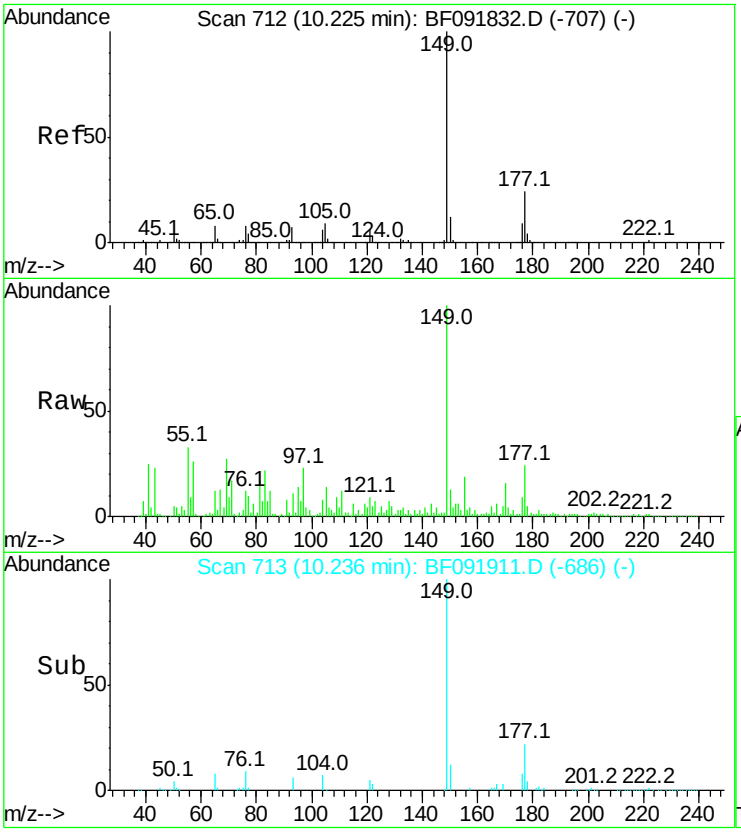


#58
2,3,4,6-Tetrachlorophenol
Concen: 45.49 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.03 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:232 Resp: 149927

Ion	Ratio	Lower	Upper
232	100		
131	80.2	40.1	60.1#
130	30.1	1.8	2.8#
166	39.3	26.6	39.8

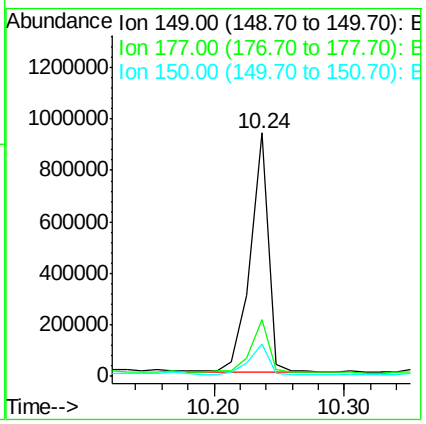




#59
Diethylphthalate
Concen: 62.94 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:149 Resp: 895885

Ion	Ratio	Lower	Upper
149	100		
177	23.6	16.6	25.0
150	13.2	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

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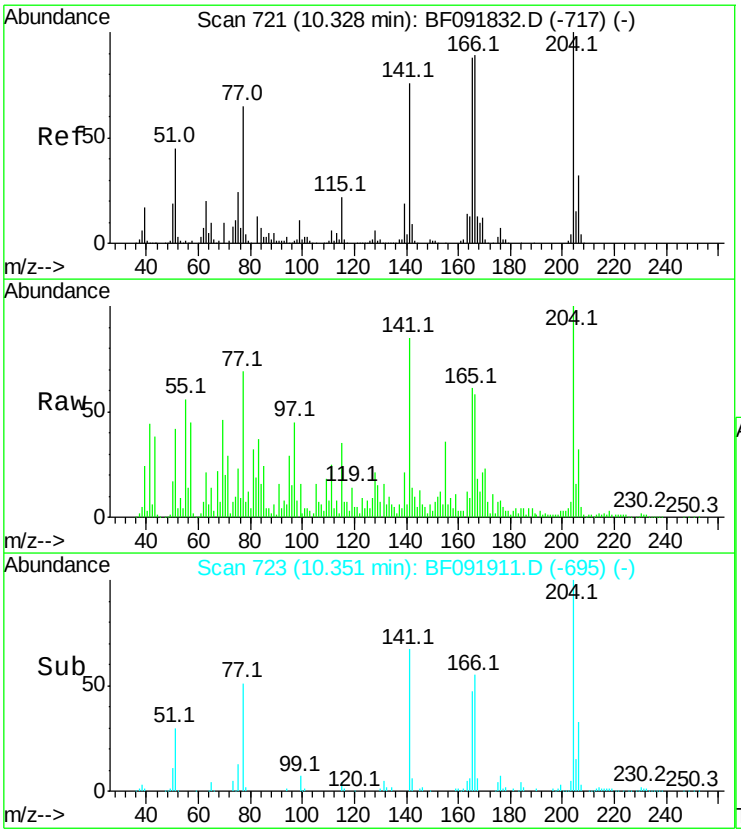
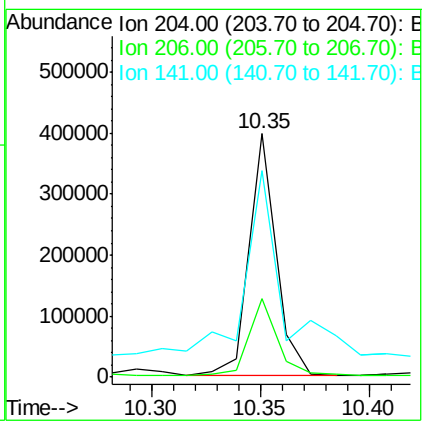
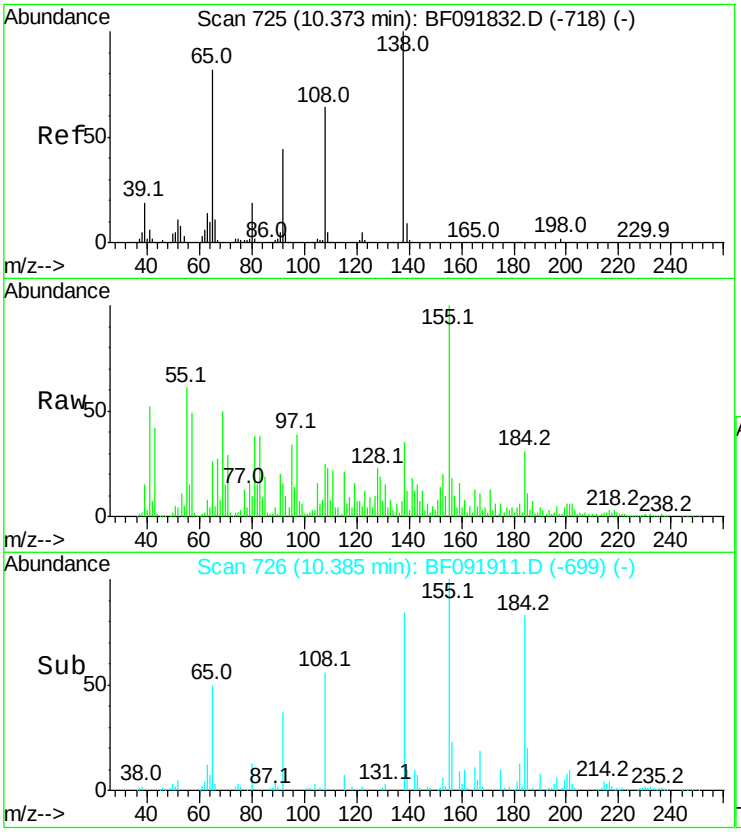


#60
4-Chlorophenyl-phenylether
Concen: 61.19 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.02 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:204 Resp: 341040

Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.8	38.6
141	84.8	59.4	89.0

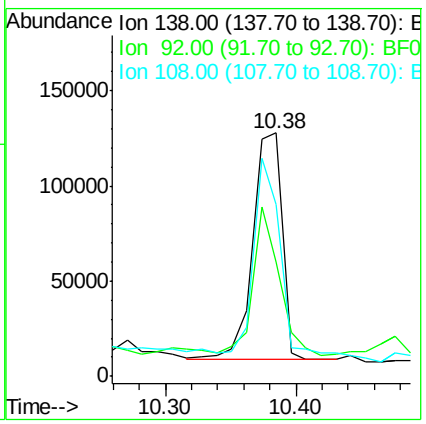




#61
4-Nitroaniline
Concen: 45.55 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:138 Resp: 187383

Ion	Ratio	Lower	Upper
138	100		
92	47.1	31.7	71.7
108	70.5	52.6	92.6



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

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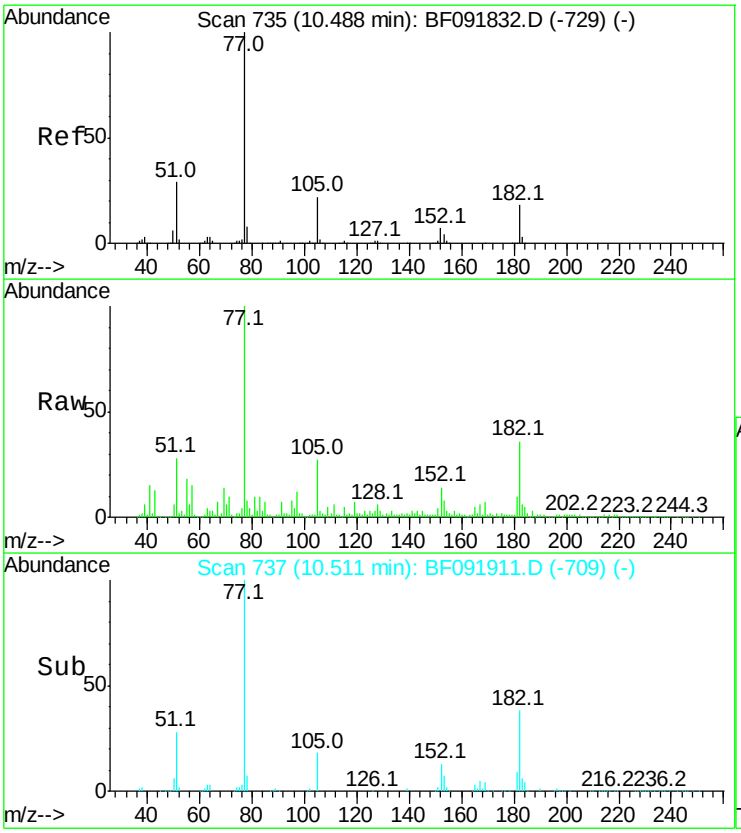
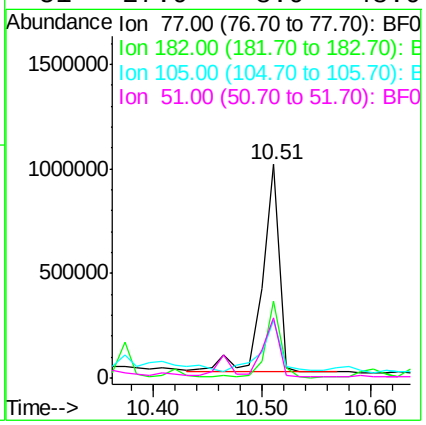
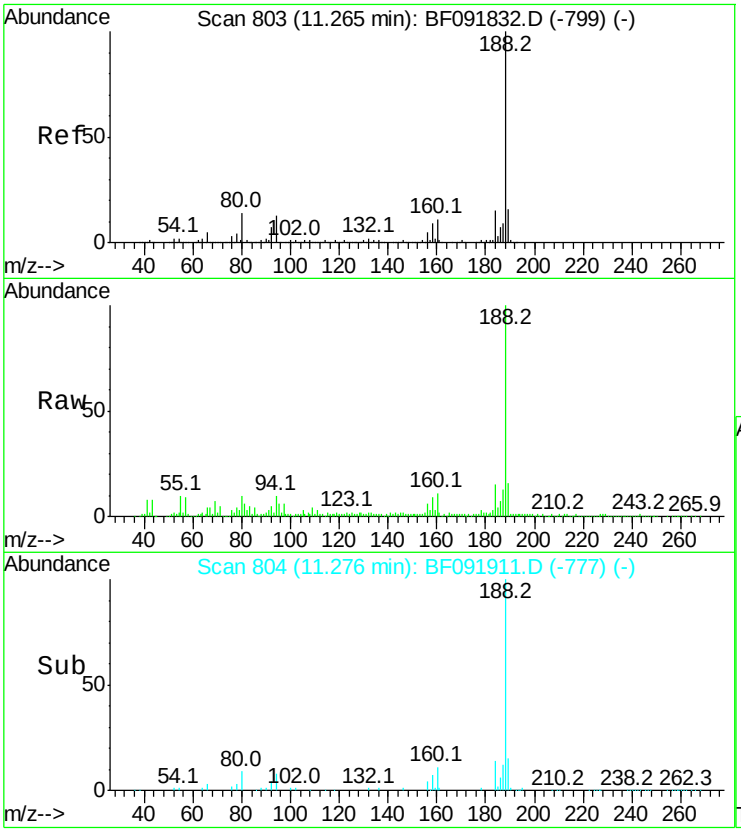


#62
Azobenzene
Concen: 69.16 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.02 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion: 77 Resp: 1083847

Ion	Ratio	Lower	Upper
77	100		
182	36.1	0.0	39.3
105	26.7	2.3	42.3
51	27.9	8.9	48.9





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:188 Resp: 469472

Ion	Ratio	Lower	Upper
188	100		
94	9.6	10.0	15.0#
80	9.9	11.2	16.8#

Instrument :
BNA_F
ClientSampleId :
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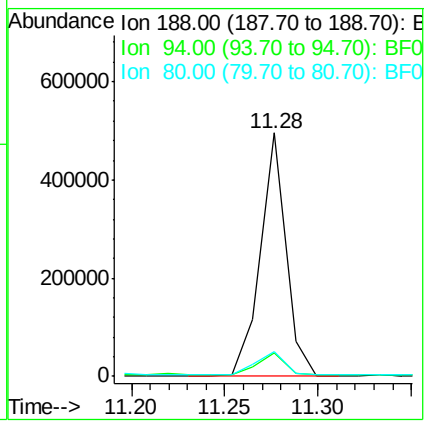
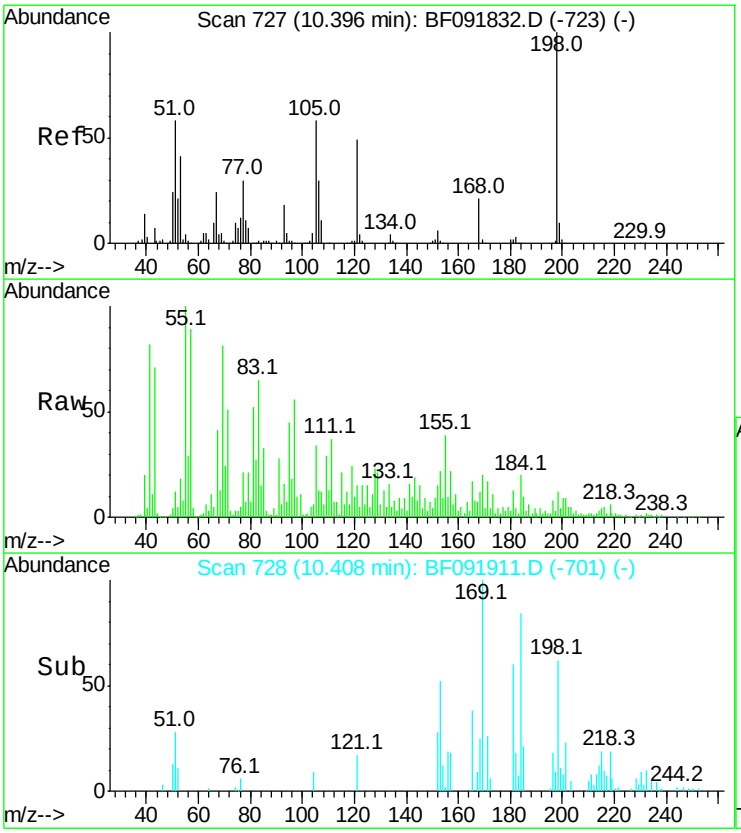
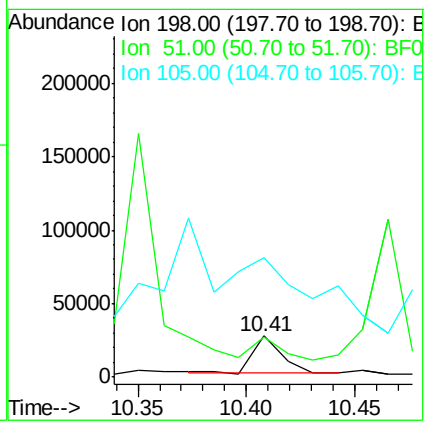


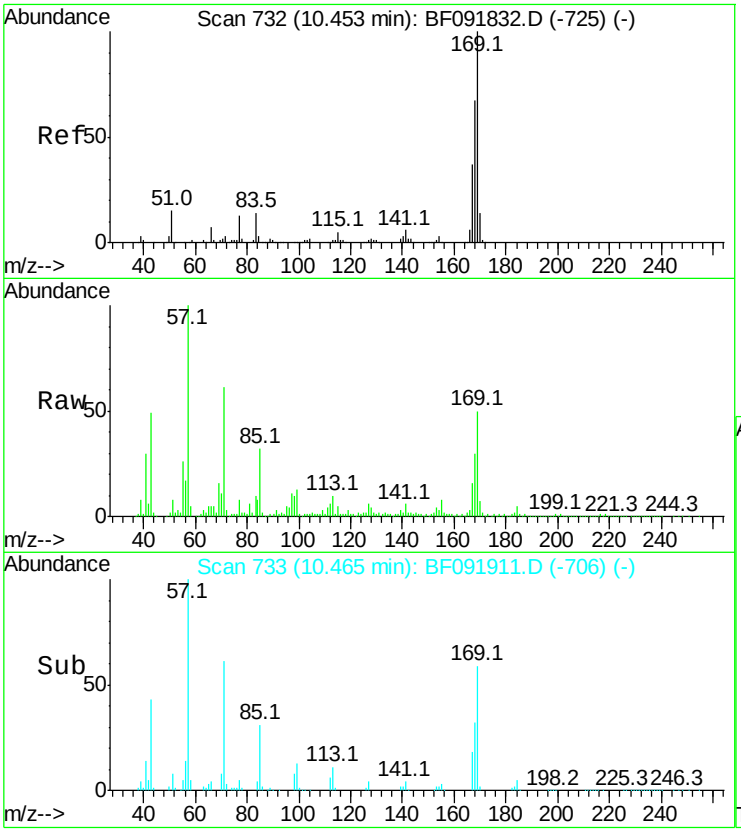


#64
4,6-Dinitro-2-methylphenol
Concen: 8.50 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:198 Resp: 24141

Ion	Ratio	Lower	Upper
198	100		
51	98.6	6.7	46.7#
105	291.9	16.6	56.6#

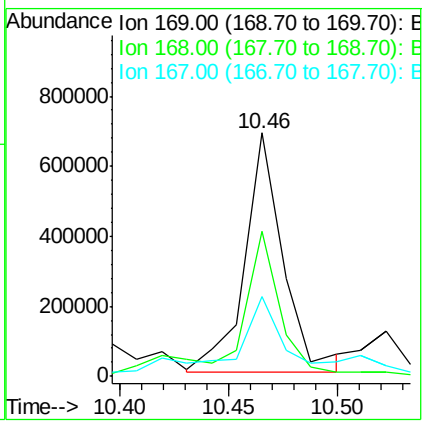




#65
n-Nitrosodiphenylamine
Concen: 60.49 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:169 Resp: 842733

Ion	Ratio	Lower	Upper
169	100		
168	59.6	54.2	81.2
167	32.6	30.2	45.4



Instrument :
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ClientSampleId :
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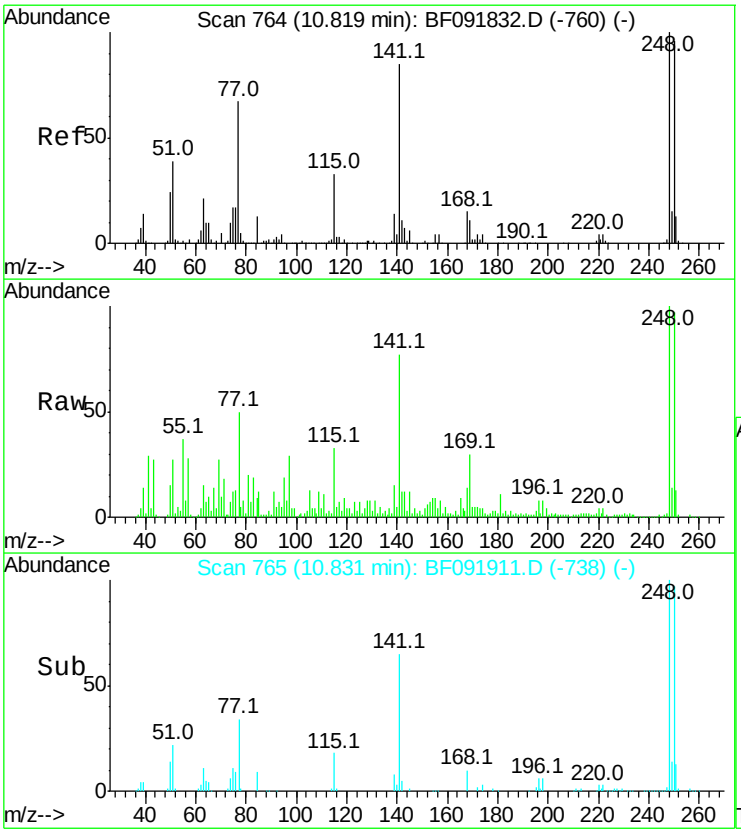
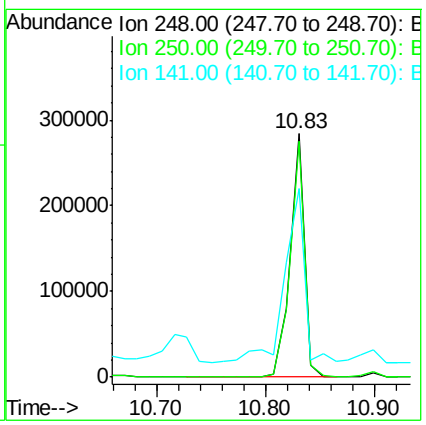
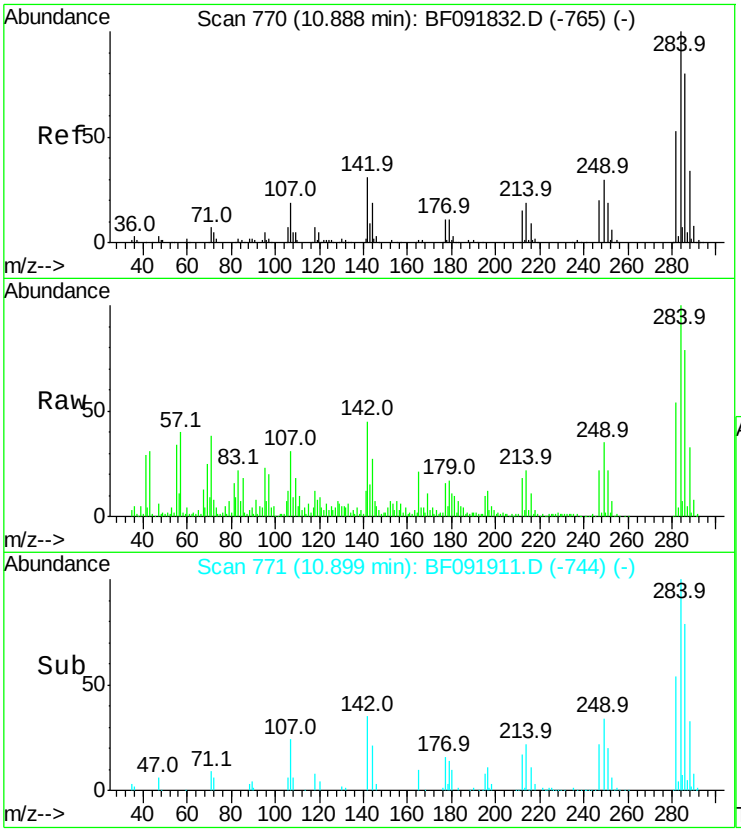


#66
4-Bromophenyl-phenylether
Concen: 53.46 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:248 Resp: 261096

Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.9	115.3
141	77.4	68.2	102.4

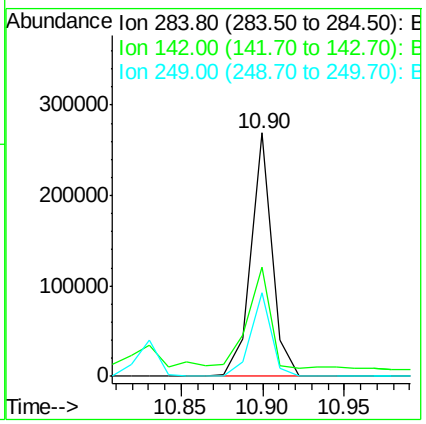




#67
Hexachlorobenzene
Concen: 46.30 ng
RT: 10.90 min Scan# 771
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:284 Resp: 241671

Ion	Ratio	Lower	Upper
284	100		
142	45.1	22.6	33.8#
249	34.6	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

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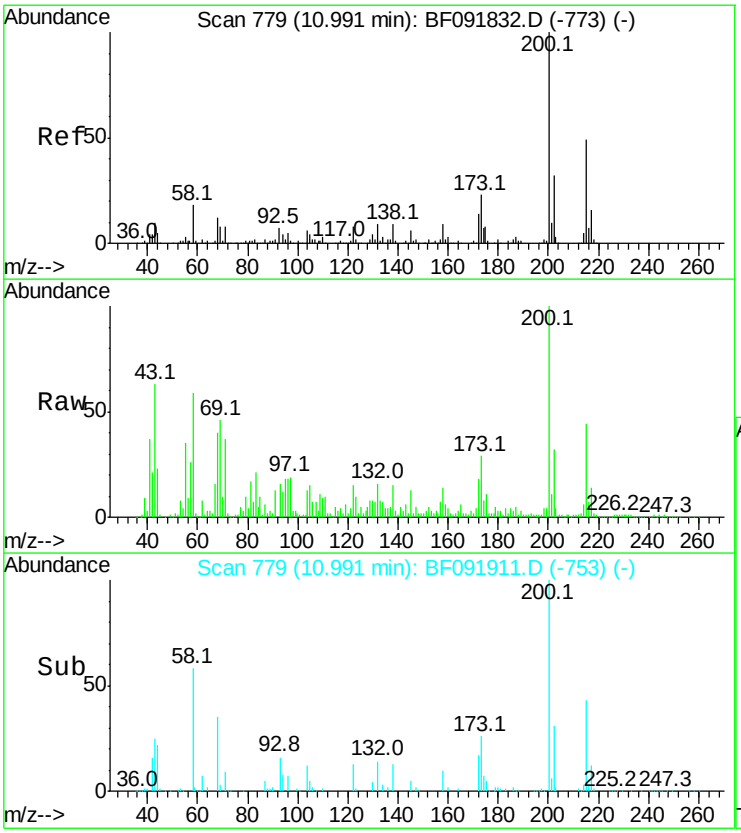
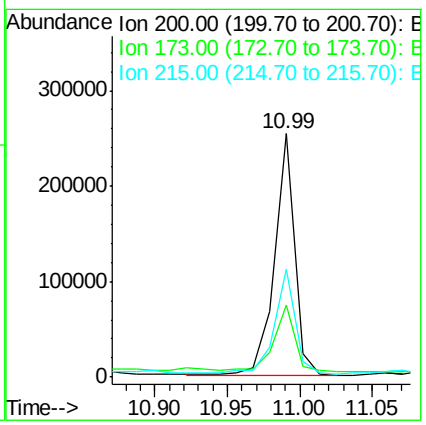
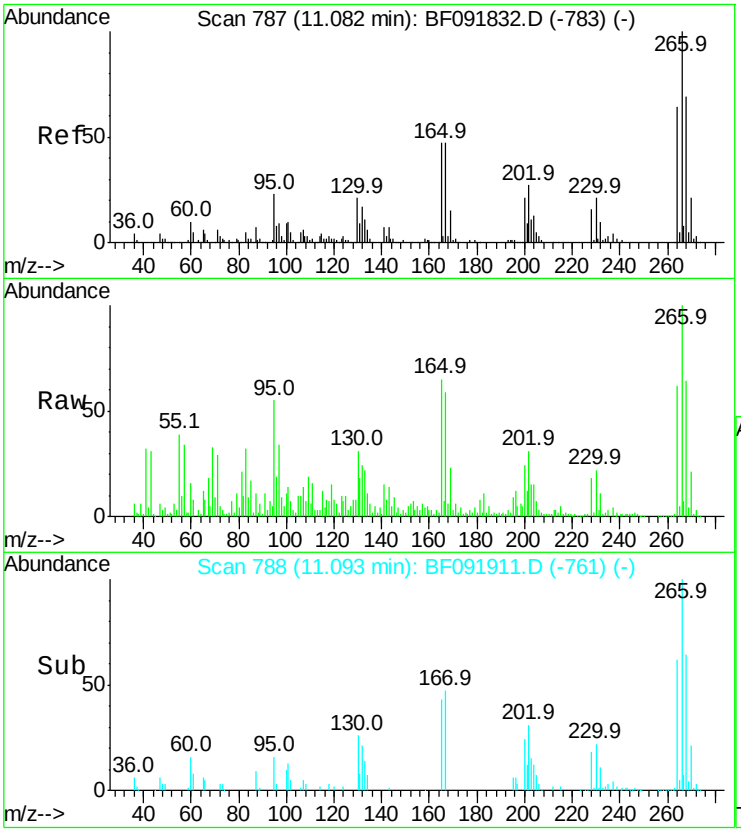


#68
Atrazine
Concen: 54.57 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:200 Resp: 245225

Ion	Ratio	Lower	Upper
200	100		
173	29.4	9.6	49.6
215	44.4	25.7	65.7

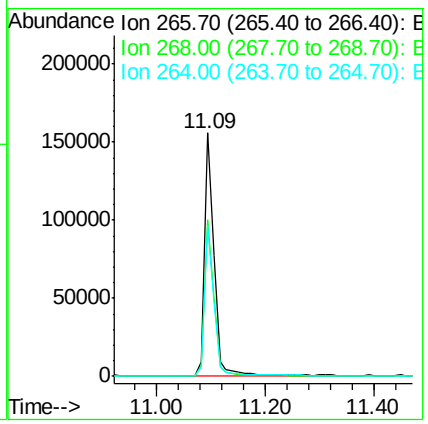




#69
Pentachlorophenol
Concen: 74.87 ng
RT: 11.09 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:266 Resp: 191775

Ion	Ratio	Lower	Upper
266	100		
268	64.4	53.3	79.9
264	62.1	50.3	75.5



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

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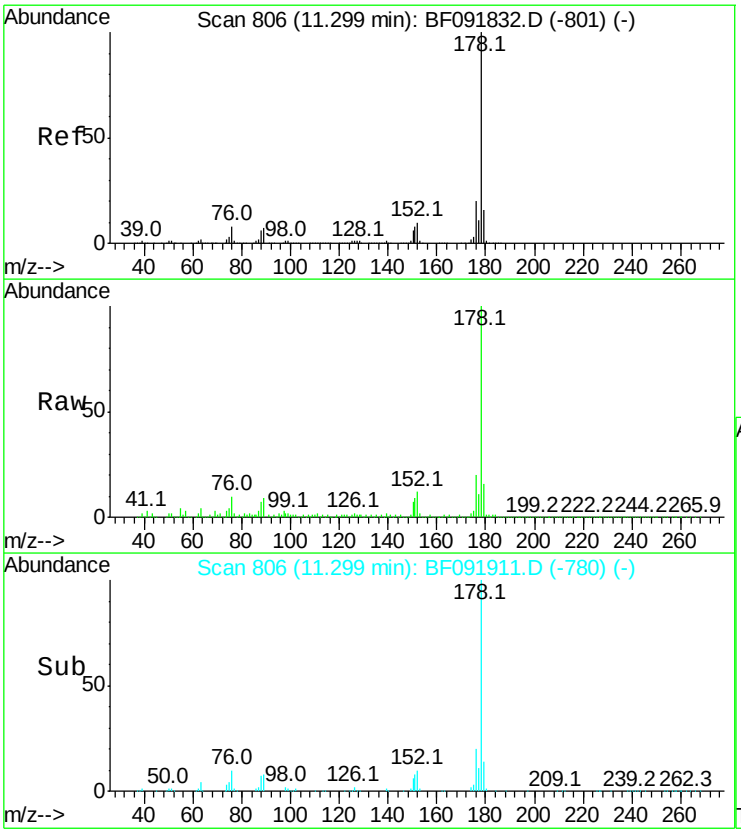
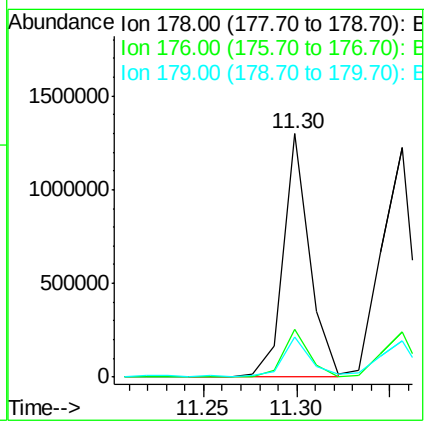
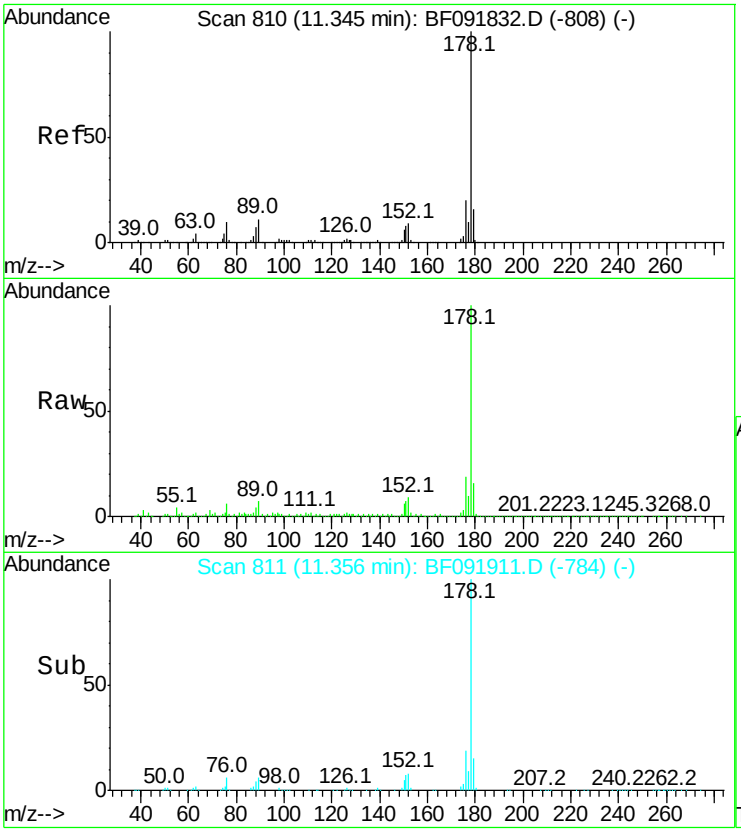


#70
Phenanthrene
Concen: 49.28 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:178 Resp: 1254421

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	16.4	12.8	19.2

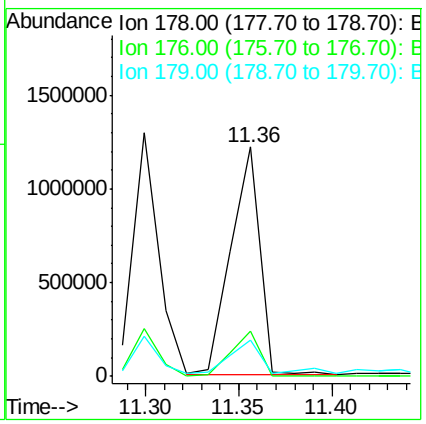




#71
Anthracene
Concen: 78.00 ng
RT: 11.36 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:178 Resp: 1325767

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.9	13.2	19.8



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

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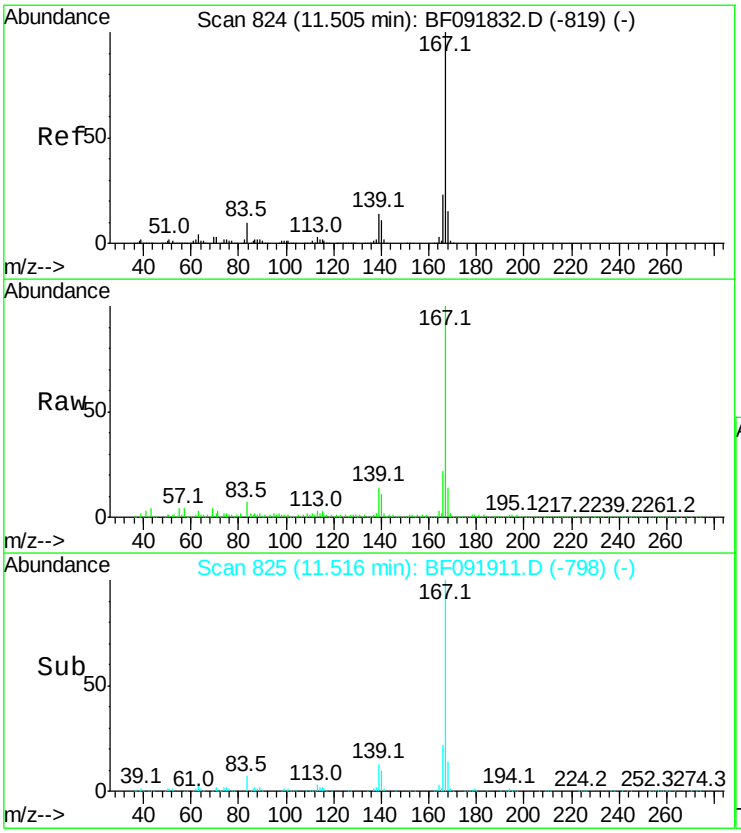
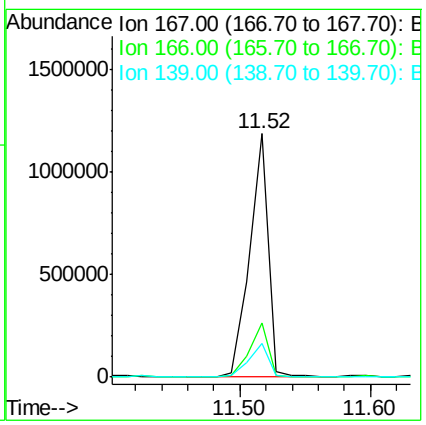
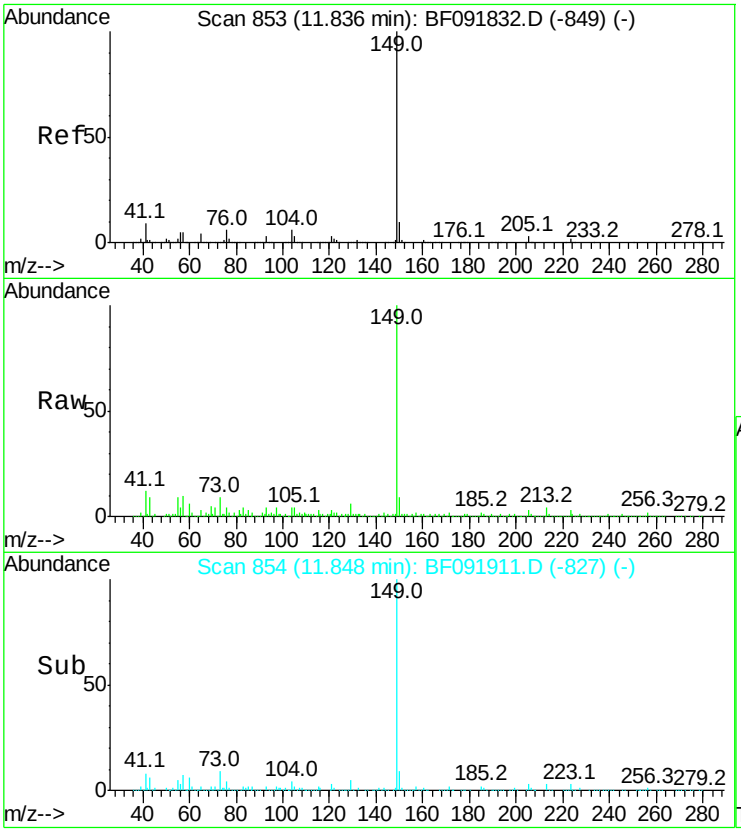


#72
Carbazole
Concen: 49.31 ng
RT: 11.52 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:167 Resp: 1162932

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	13.9	11.4	17.2

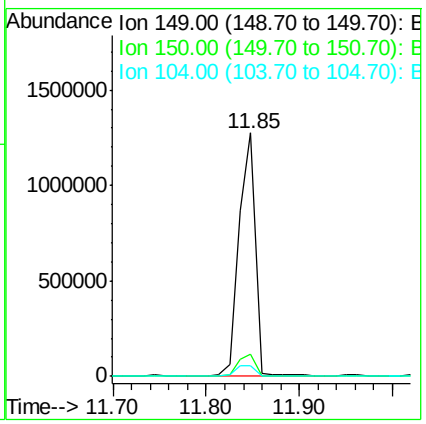




#73
Di-n-butylphthalate
Concen: 64.74 ng
RT: 11.85 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:149 Resp: 1518251

Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.1	12.1
104	4.5	4.6	7.0#



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

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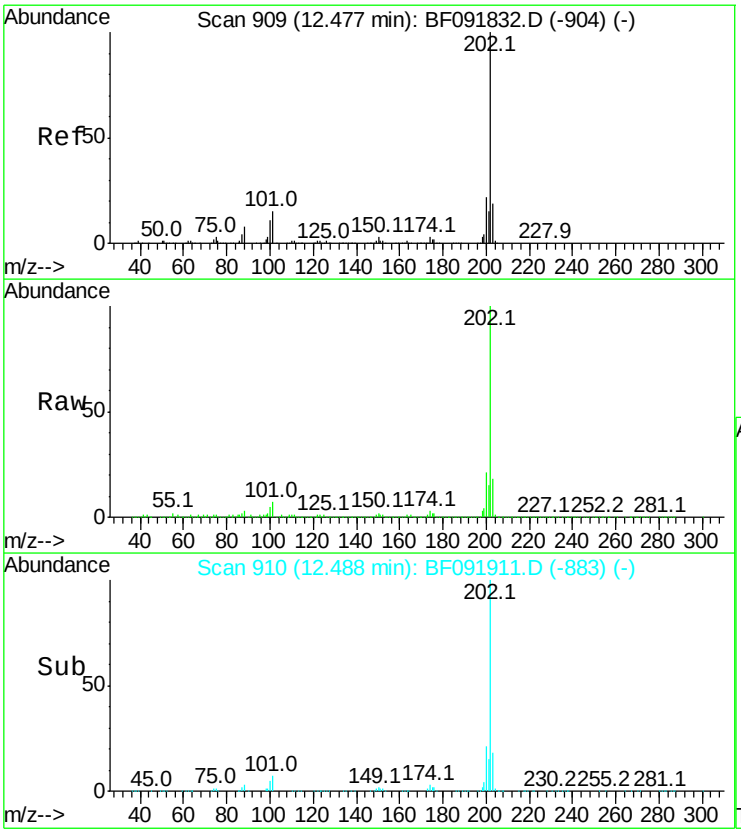
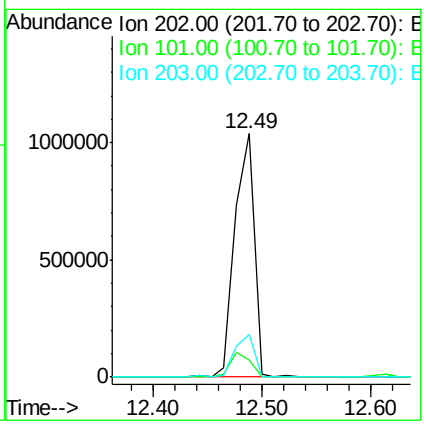
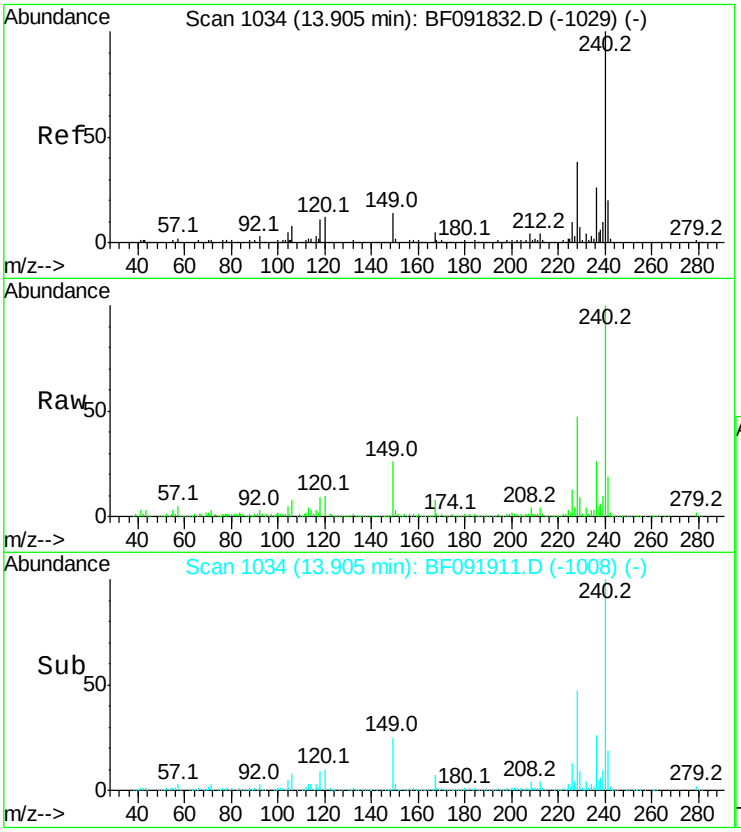


#74
Fluoranthene
Concen: 57.35 ng
RT: 12.49 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:202 Resp: 1257350

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	34.6
203	17.7	0.0	38.7

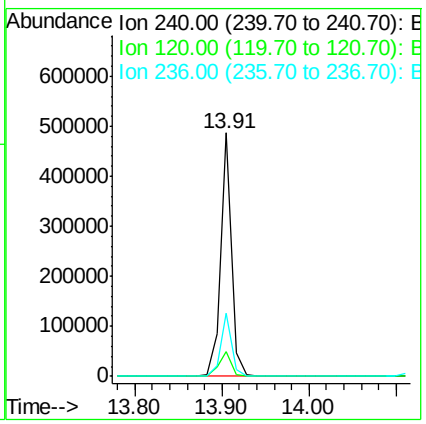




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:240 Resp: 433505

Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.9	19.3#
236	25.7	20.9	31.3



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

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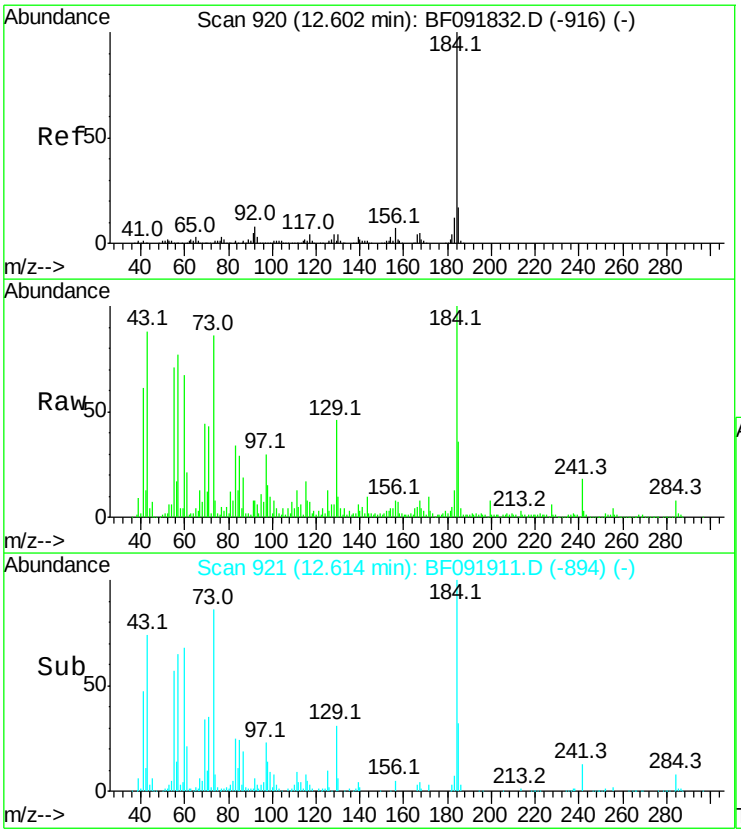
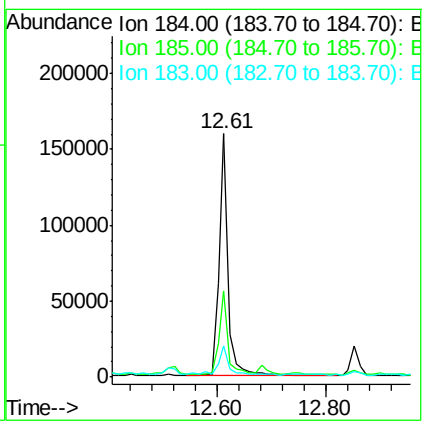
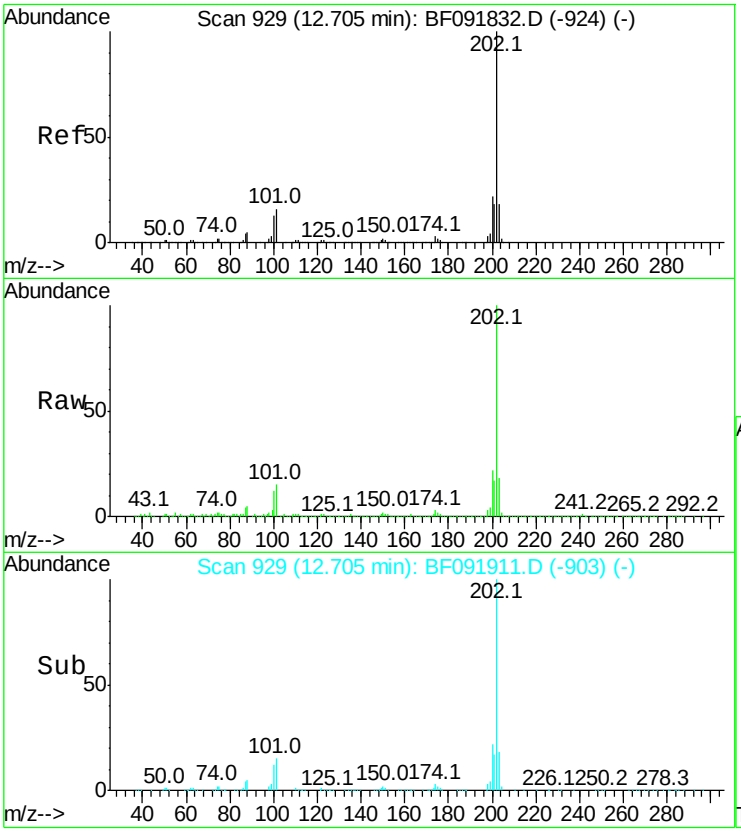


#76
Benzidine
Concen: 13.66 ng
RT: 12.61 min Scan# 921
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:184 Resp: 189997

Ion	Ratio	Lower	Upper
184	100		
185	35.6	13.4	20.0#
183	12.8	9.2	13.8

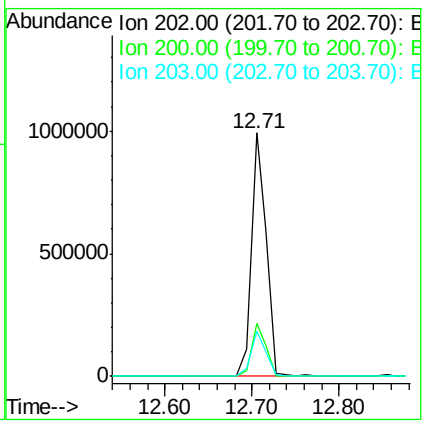




#77
Pyrene
Concen: 37.04 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:202 Resp: 1178254

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	18.4	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

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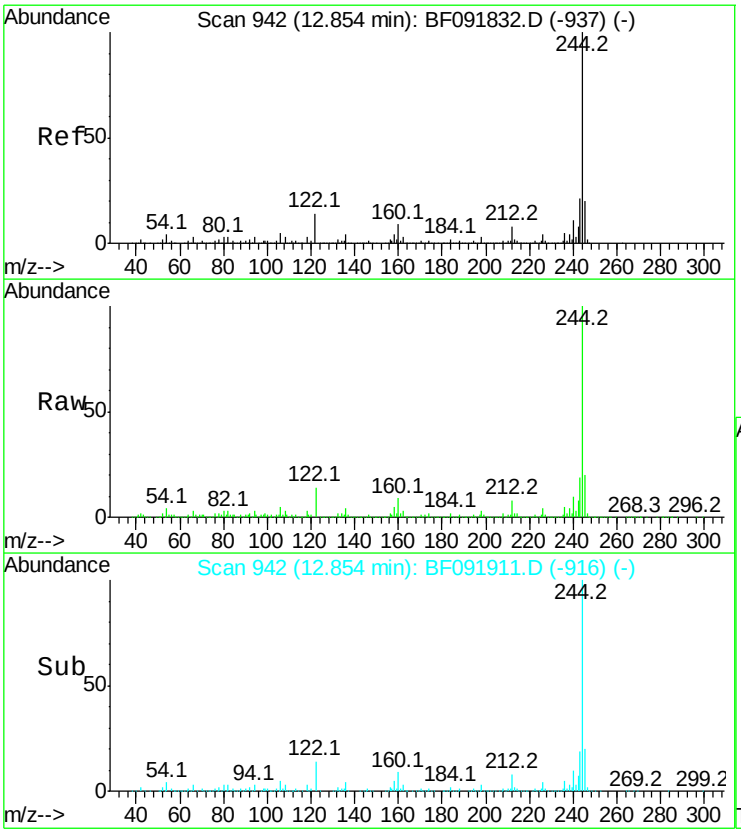
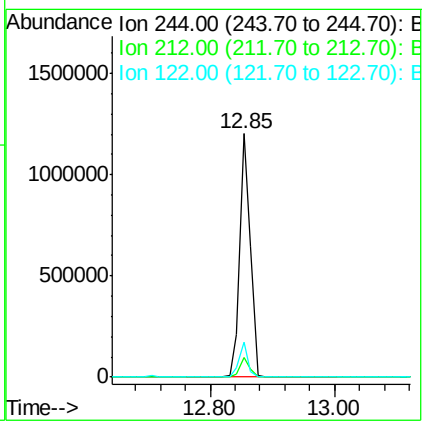
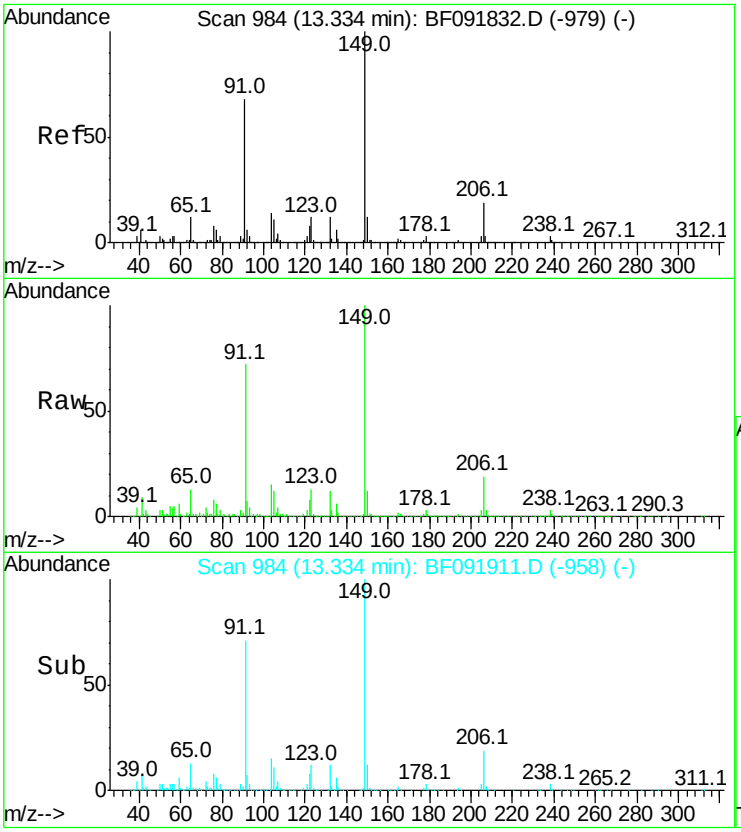


#78
Terphenyl-d14
Concen: 80.12 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:244 Resp: 1432020

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	14.4	11.4	17.2

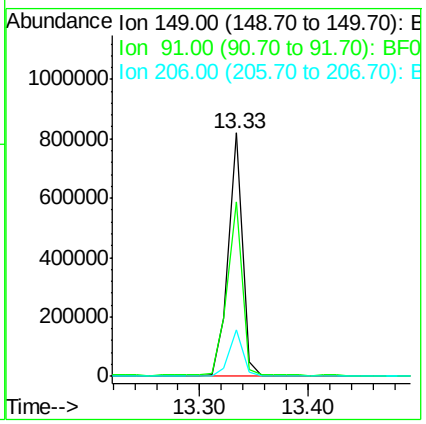




#79
Butylbenzylphthalate
Concen: 50.54 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:149 Resp: 731162

Ion	Ratio	Lower	Upper
149	100		
91	71.8	63.9	95.9
206	19.1	14.6	21.8



Instrument :
BNA_F
ClientSampleId :
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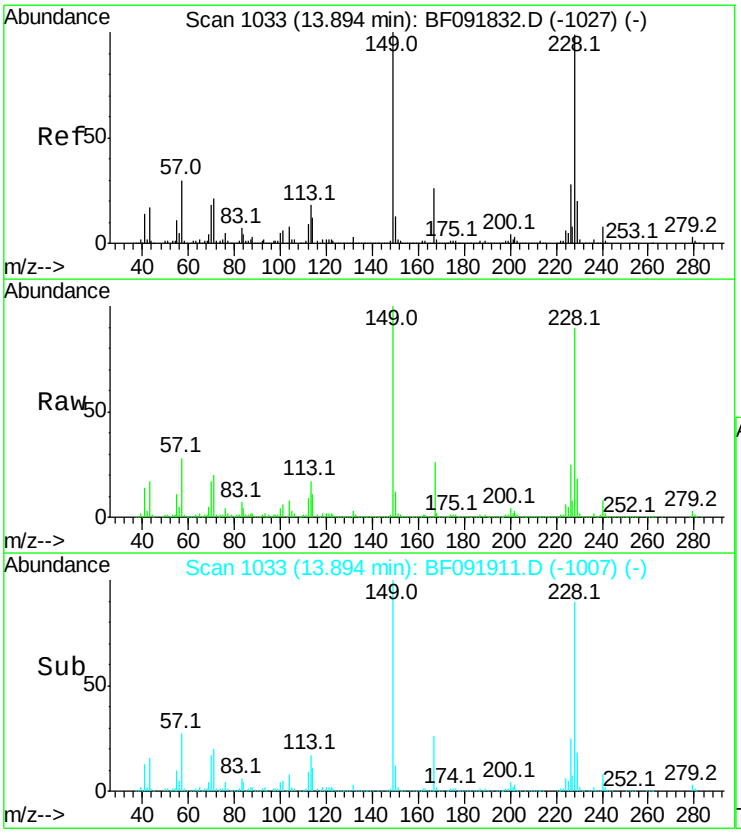
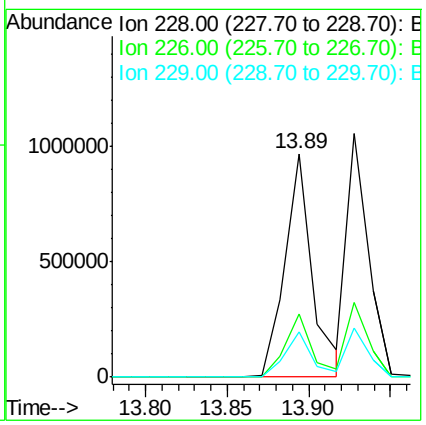
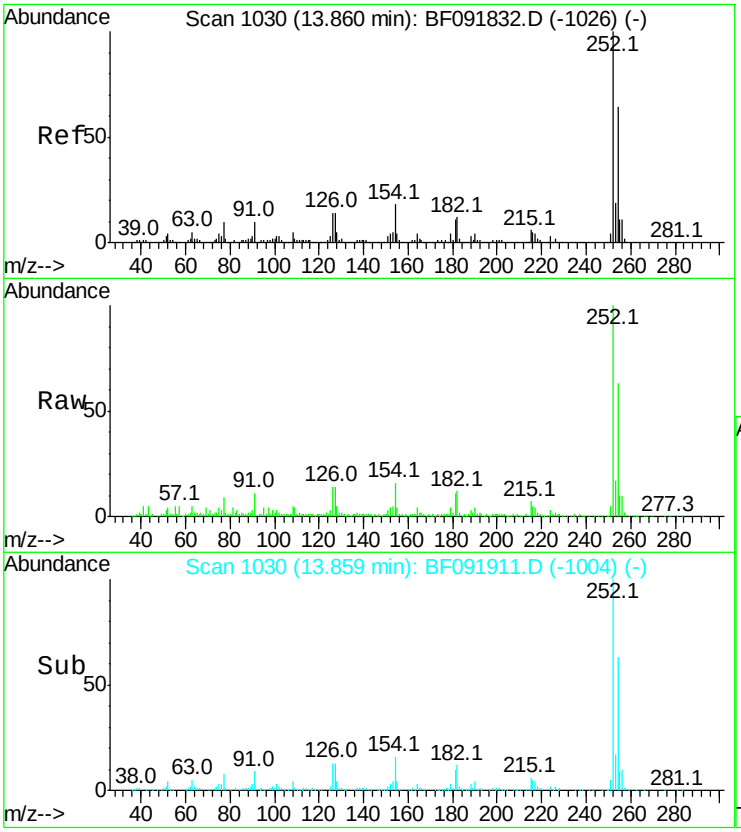


#80
Benzo(a)anthracene
Concen: 46.52 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:228 Resp: 1138238

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.4	33.6
229	20.4	16.2	24.4

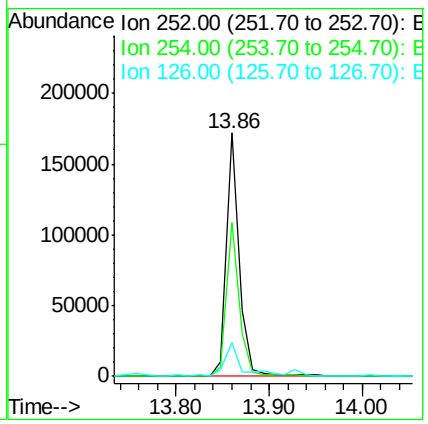




#81
3,3'-Dichlorobenzidine
Concen: 17.90 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:252 Resp: 166115

Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.3	78.5
126	13.8	13.6	20.4



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

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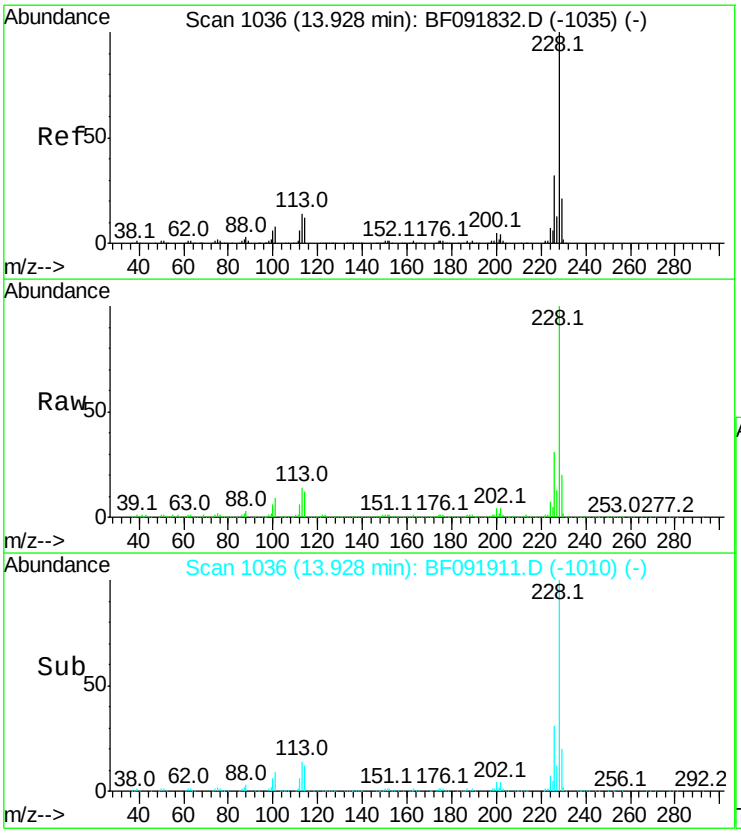
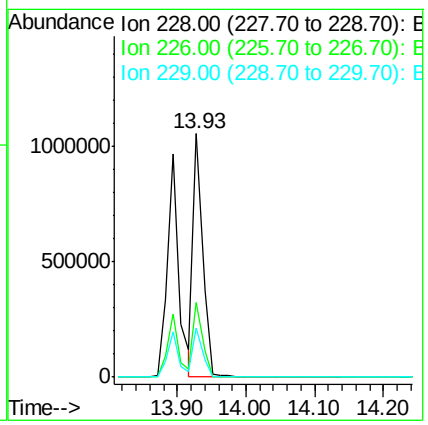
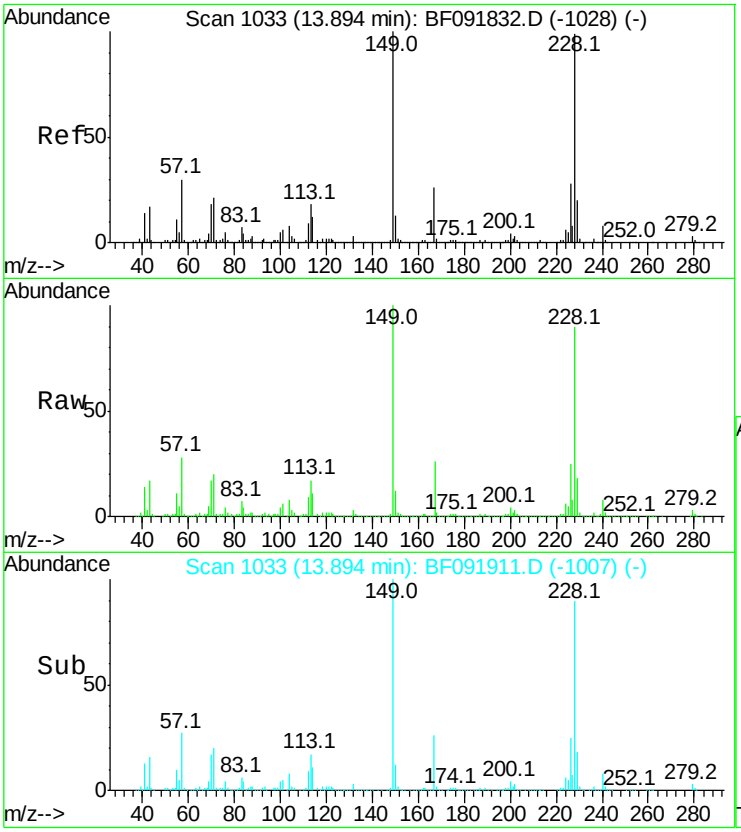


#82
Chrysene
Concen: 41.01 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:228 Resp: 1006512

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.0
229	20.4	16.2	24.2





#83
Bis(2-ethylhexyl)phthalate
Concen: 58.87 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:149 Resp: 1002852

Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.2	30.4
279	3.0	1.8	2.8#

Instrument :
BNA_F
ClientSampleId :
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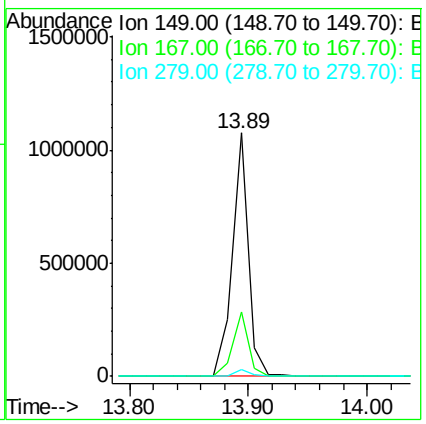
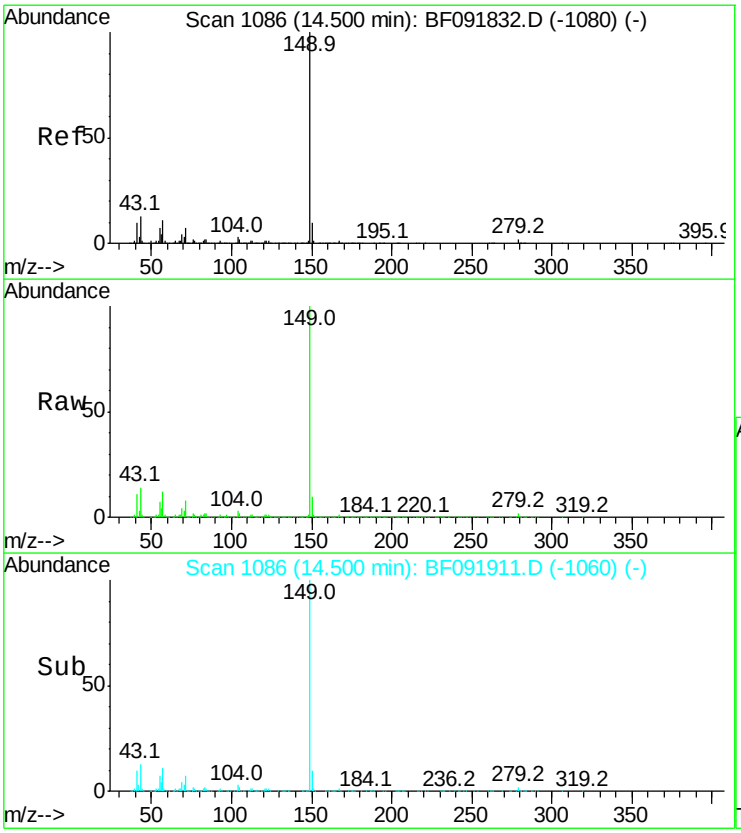
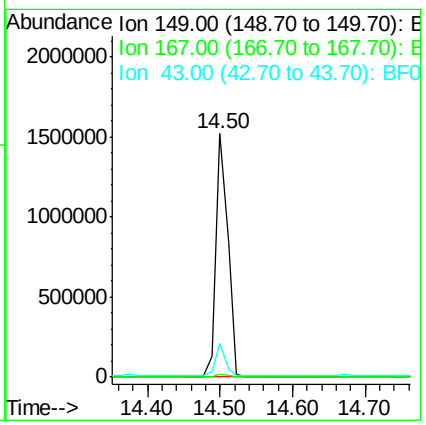


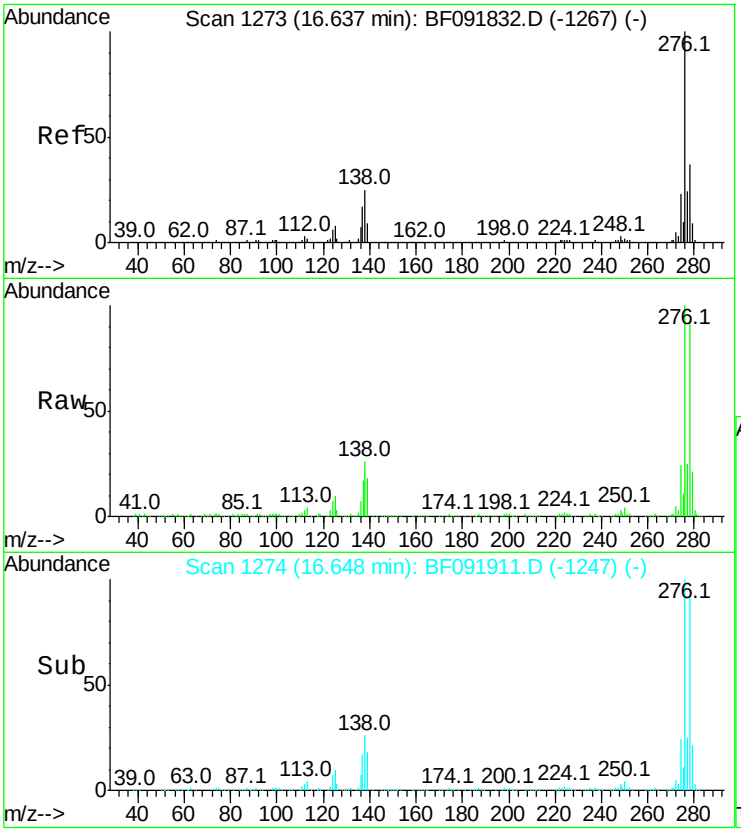


#84
Di-n-octyl phthalate
Concen: 54.98 ng
RT: 14.50 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:149 Resp: 1734997

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.0	8.9	13.3

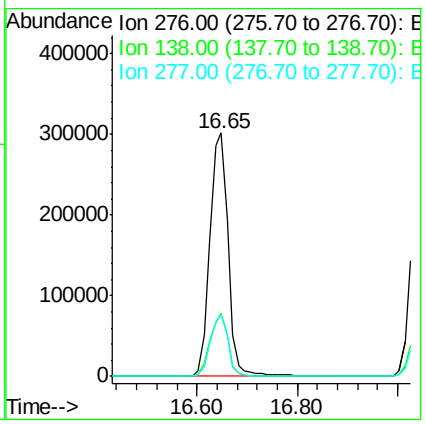




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.63 ng
RT: 16.65 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:276 Resp: 757556

Ion	Ratio	Lower	Upper
276	100		
138	25.5	21.8	32.6
277	24.8	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
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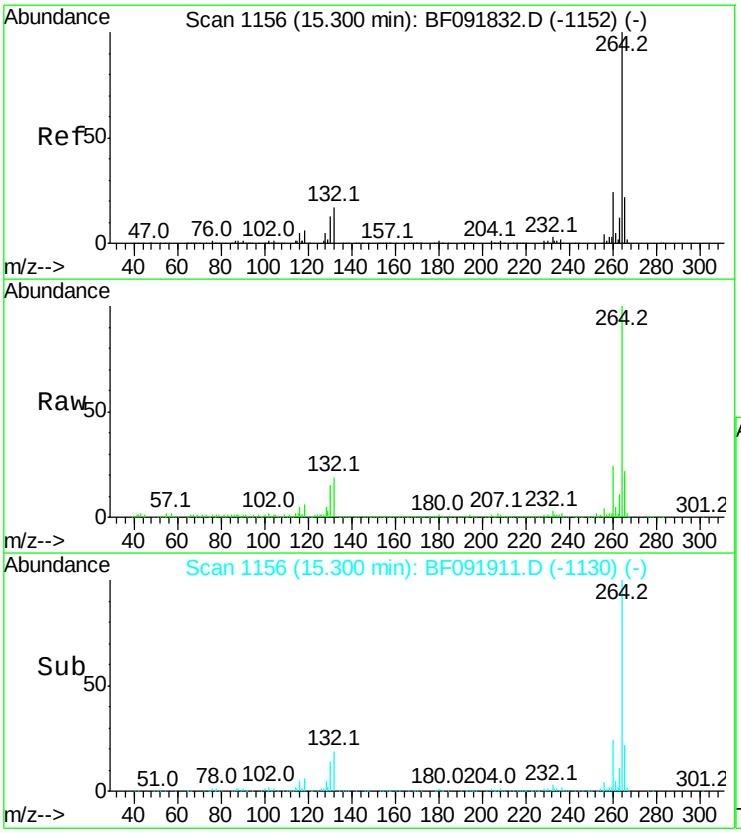
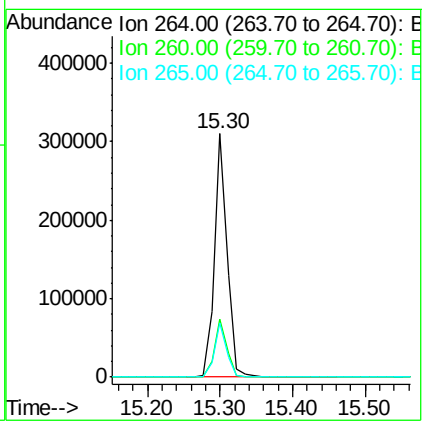
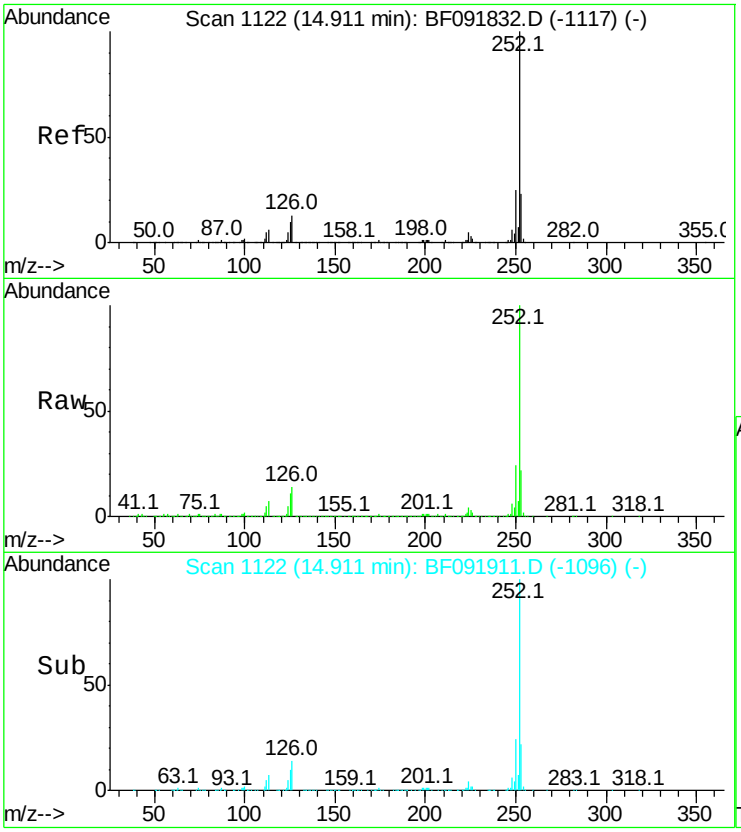


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:264 Resp: 374662

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.4	26.0

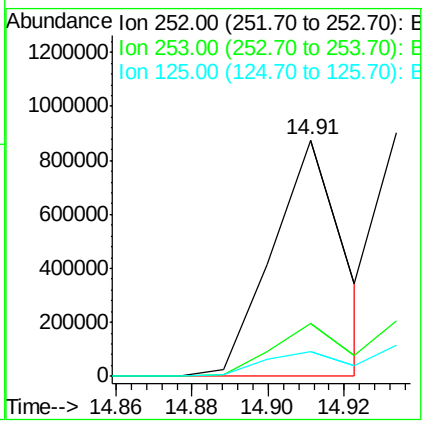




#87
Benzo(b)fluoranthene
Concen: 48.69 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:252 Resp: 1135679

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	10.5	9.8	14.6



Instrument :
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ClientSampleId :
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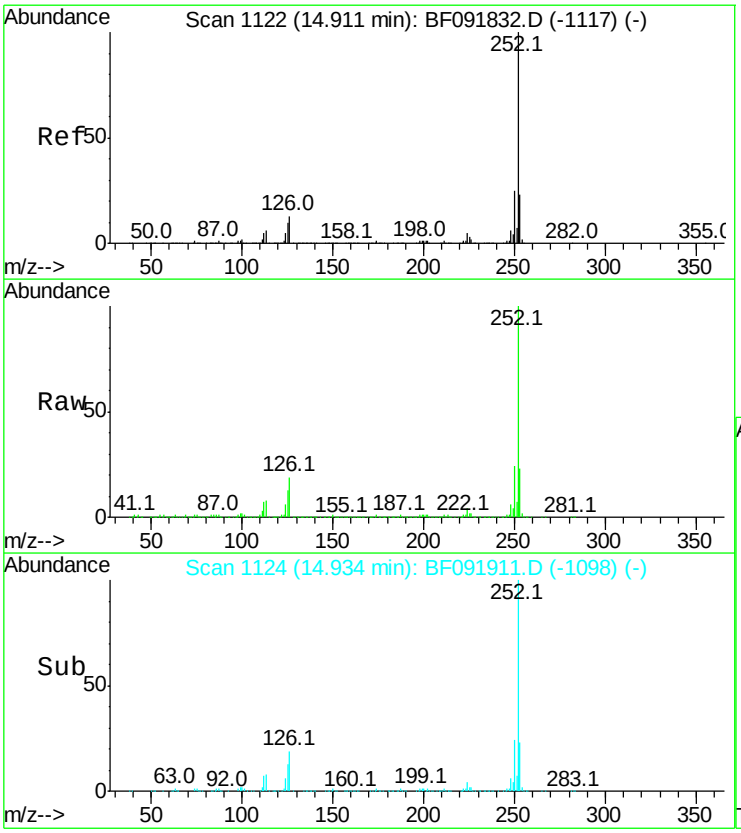
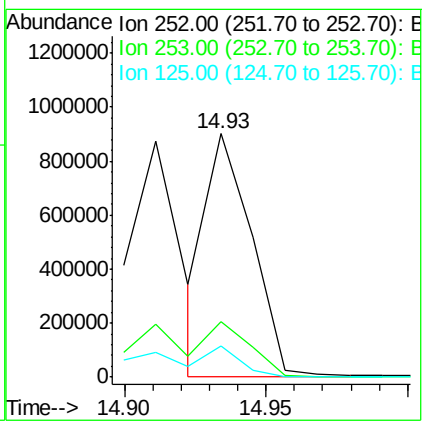
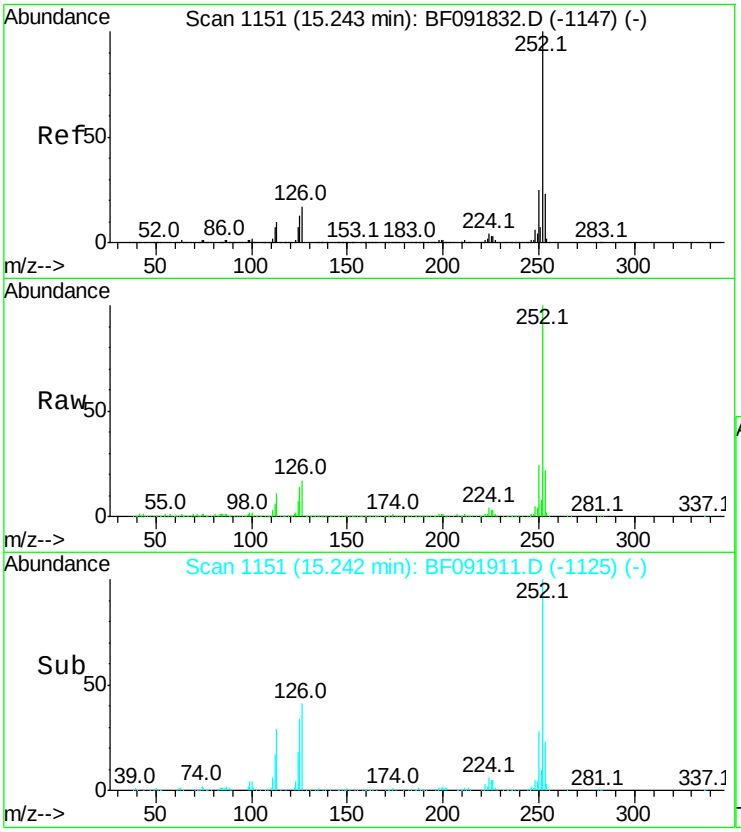


#88
Benzo(k)fluoranthene
Concen: 50.39 ng m
RT: 14.93 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:252 Resp: 1002262

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	12.7	8.9	13.3

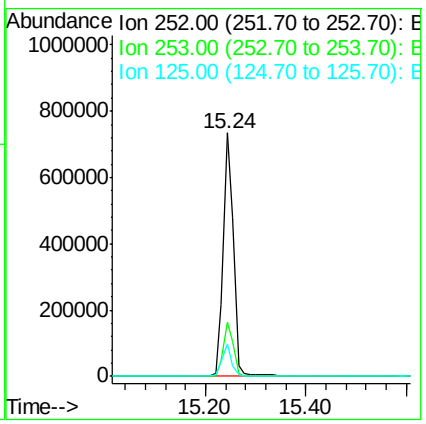




#89
Benzo(a)pyrene
Concen: 49.99 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:252 Resp: 1034974

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	13.6	10.0	15.0



Instrument :
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ClientSampleId :
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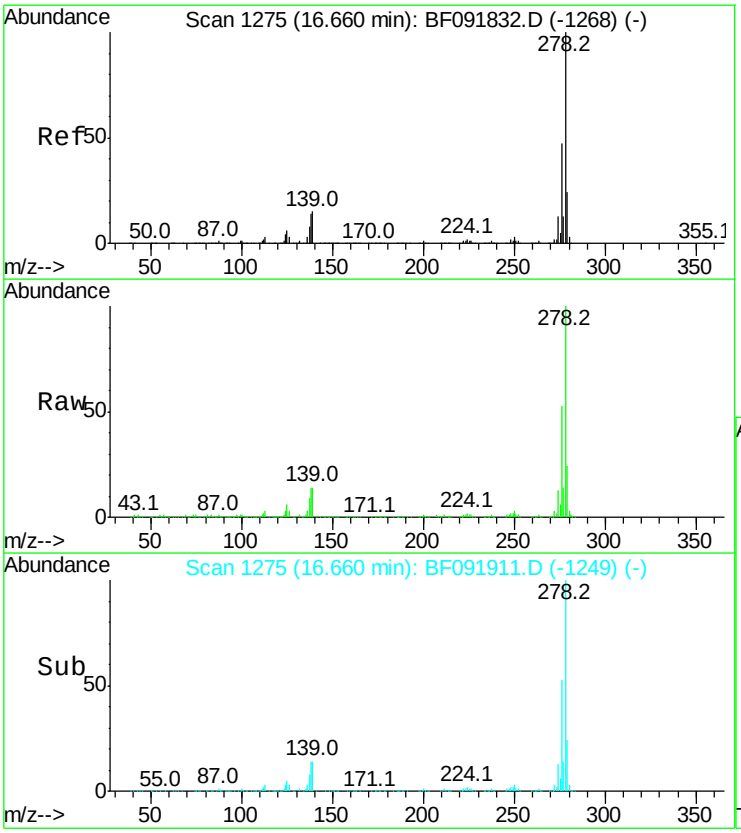
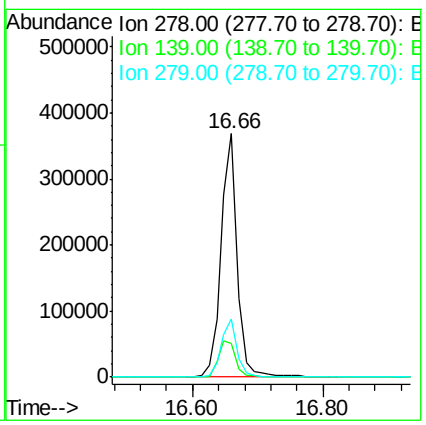
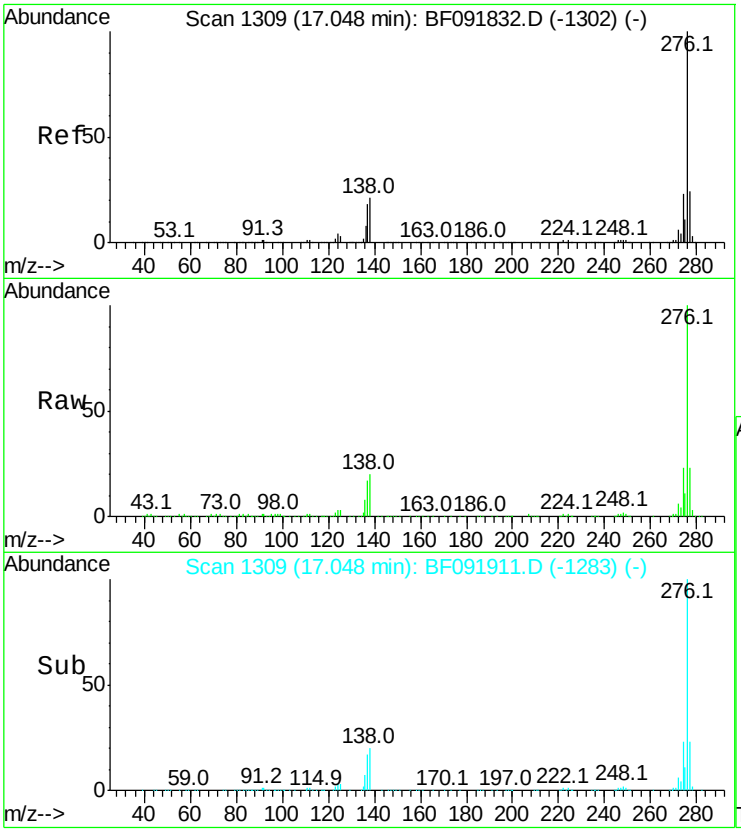


#90
Dibenzo(a,h)anthracene
Concen: 37.38 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:278 Resp: 636093

Ion	Ratio	Lower	Upper
278	100		
139	14.0	14.8	22.2#
279	24.1	19.8	29.6

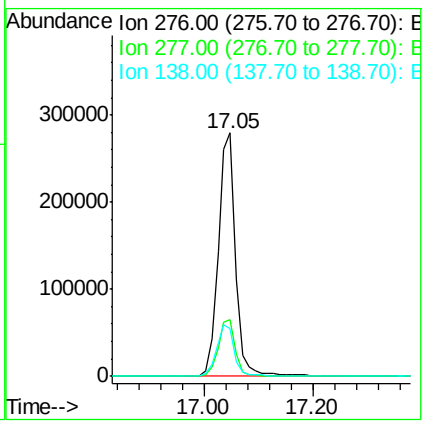




#91
Benzo(g,h,i)perylene
Concen: 35.03 ng
RT: 17.05 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF091911.D
Acq: 23 Dec 2016 7:49

Tgt Ion:276 Resp: 619856

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	19.6	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MS

Manual Integrations APPROVED
UMANGI
12/23/2016 5:57:31 PM