Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
Data File : BF091890.D
Acq On : 22 Dec 2016 17:08
Operator : UM/SJ
Sample : H6182-08
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52(13-15)-121916

Quant Time: Dec 23 00:39:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	124379	20.00	ng		0.01
21) Naphthalene-d8	8.06	136	430596	20.00	ng		0.02
38) Acenaphthene-d10	9.82	164	196954	20.00	ng		0.03
63) Phenanthrene-d10	11.28	188	316999	20.00	ng		0.01
75) Chrysene-d12	13.91	240	254770	20.00	ng		0.00
86) Perylene-d12	15.31	264	225986	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1348109	180.98	ng		0.07
7) Phenol-d6	6.46	99	1577826	173.49	ng		0.06
23) Nitrobenzene-d5	7.33	82	1008344	130.21	ng		0.01
41) 2,4,6-Tribromophenol	10.60	330	241521	148.18	ng		0.02
44) 2-Fluorobiphenyl	9.15	172	1200599	132.04	ng		0.03
78) Terphenyl-d14	12.86	244	1075999	102.43	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.28	77	35071	4.98	ng	#	9
10) Phenol	6.48	94	86976	8.39	ng		84
15) Benzyl Alcohol	6.92	79	65774	9.31	ng	#	45
18) Hexachloroethane	7.34	117	1023181	299.76	ng	#	19
19) n-Nitroso-di-n-propylamine	7.20	70	147907	24.45	ng	#	72
22) Acetophenone	7.12	105	391711	36.88	ng	#	62
24) Nitrobenzene	7.32	77	326013	39.53	ng	#	45
25) Isophorone	7.60	82	516137	36.13	ng	#	1
26) 2-Nitrophenol	7.74	139	129611	31.87	ng	#	1
27) 2,4-Dimethylphenol	7.72	122	80852	11.99	ng	#	1
28) bis(2-Chloroethoxy)methane	7.81	93	36710	4.24	ng	#	1
29) 2,4-Dichlorophenol	7.92	162	53432	9.35	ng	#	1
30) 1,2,4-Trichlorobenzene	7.96	180	34587	5.53	ng	#	62
31) Naphthalene	8.06	128	221140	11.22	ng	#	1
32) Benzoic acid	7.86	122	52650	10.52	ng	#	22
33) 4-Chloroaniline	8.12	127	87034	9.79	ng	#	1
35) Caprolactam	8.52	113	549339	292.64	ng	#	1
36) 4-Chloro-3-methylphenol	8.61	107	75225	11.44	ng	#	30
37) 2-Methylnaphthalene	8.80	142	2039751	Below Cal			98
42) 2,4,6-Trichlorophenol	9.07	196	37842	10.87	ng	#	12
43) 2,4,5-Trichlorophenol	9.07	196	37842	10.57	ng	#	1
45) 1,1'-Biphenyl	8.99	154	36074	2.68	ng		84
47) 2-Nitroaniline	9.42	65	10659	2.80	ng	#	56
48) Acenaphthylene	9.69	152	47970	2.92	ng	#	1
49) Dimethylphthalate	9.54	163	135250	10.74	ng	#	66
50) 2,6-Dinitrotoluene	9.60	165	44312	16.07	ng	#	71
51) Acenaphthene	9.86	154	35920	3.23	ng	#	1
52) 3-Nitroaniline	9.78	138	21300	6.24	ng	#	44
54) Dibenzofuran	10.02	168	119275	7.93	ng	#	12
55) 4-Nitrophenol	9.93	139	66243	28.59	ng	#	21
56) 2,4-Dinitrotoluene	10.00	165	23295	6.73	ng	#	52
57) Fluorene	10.35	166	118744	10.85	ng	#	70
61) 4-Nitroaniline	10.27	138	10692	3.02	ng		89
65) n-Nitrosodiphenylamine	10.46	169	173208	18.41	ng	#	44

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
Data File : BF091890.D
Acq On : 22 Dec 2016 17:08
Operator : UM/SJ
Sample : H6182-08
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52(13-15)-121916

Quant Time: Dec 23 00:39:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) Phenanthrene	11.30	178	108103	6.29	ng	#	95
71) Anthracene	11.30	178	108103	5.00	ng		97
73) Di-n-butylphthalate	11.85	149	10204	Below Cal		#	34
74) Fluoranthene	12.49	202	12913	Below Cal			85
76) Benzidine	12.58	184	852	Below Cal		#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
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Acq On : 22 Dec 2016 17:08
Operator : UM/SJ
Sample : H6182-08
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Quant Time: Dec 23 00:39:03 2016
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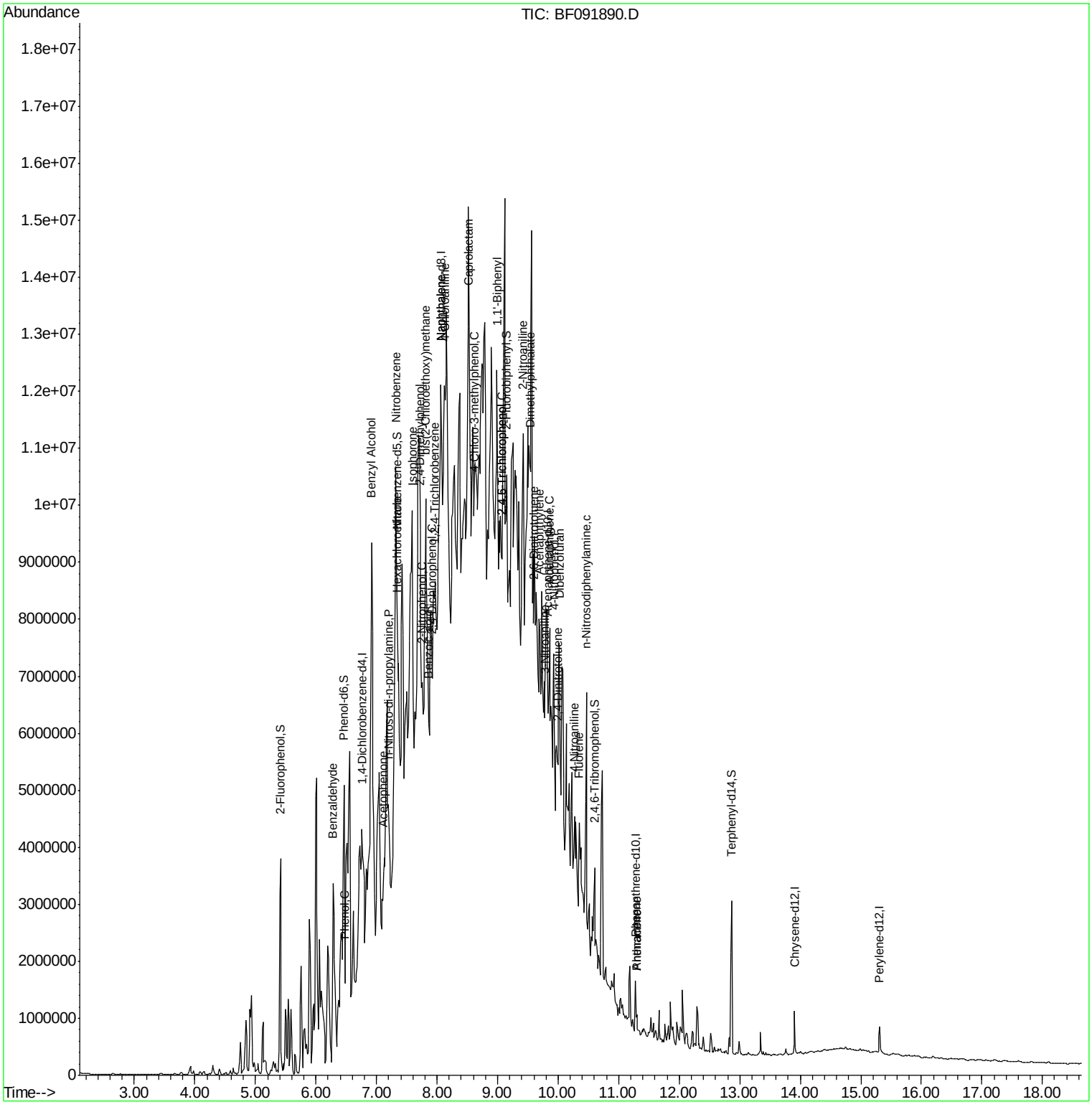
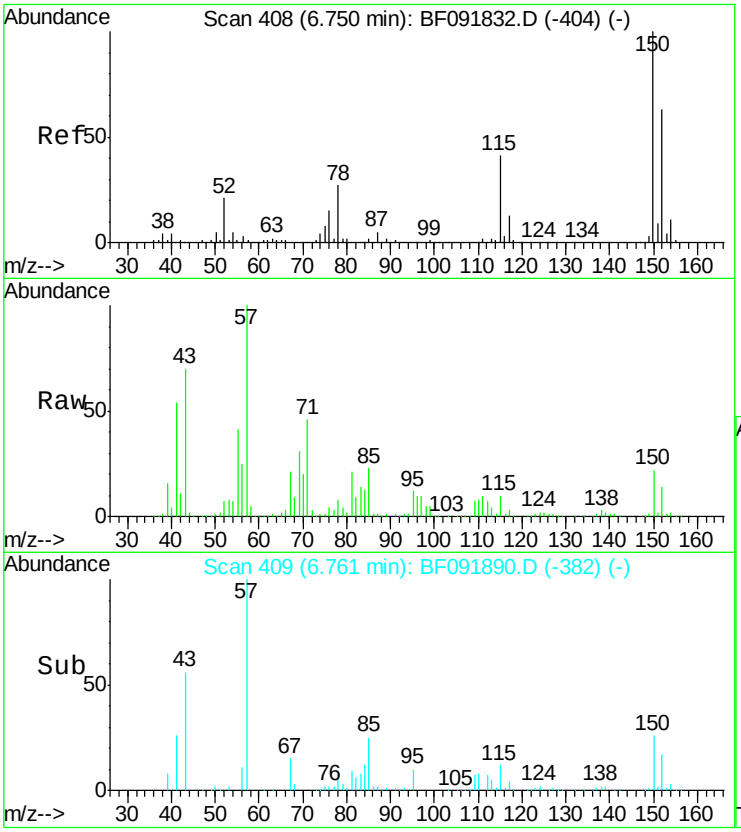
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration



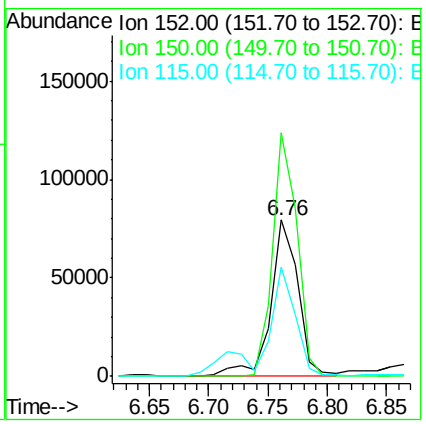


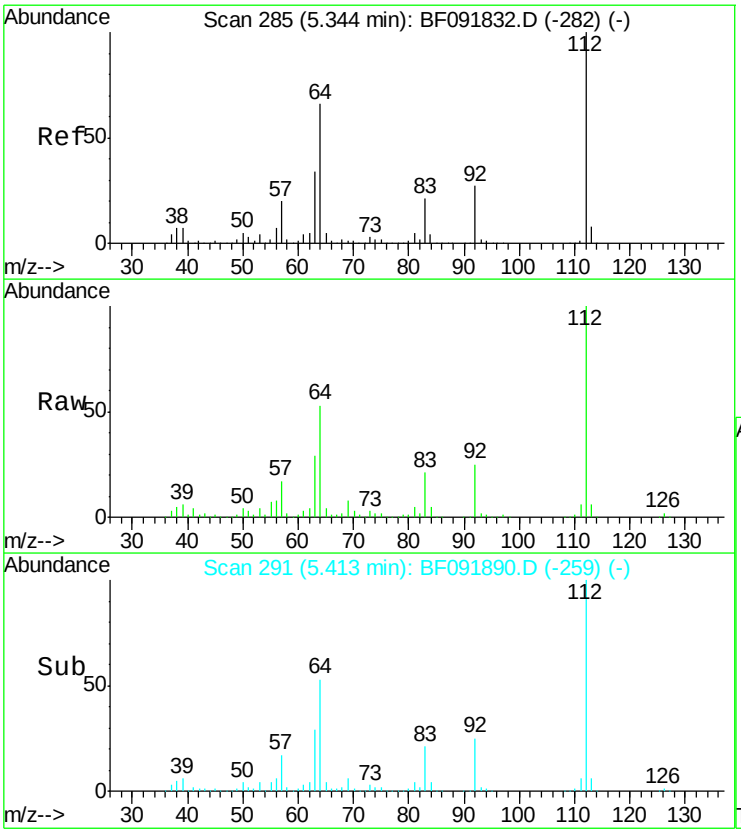
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion:152 Resp: 124379

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.9	187.3
115	70.1	46.0	69.0#

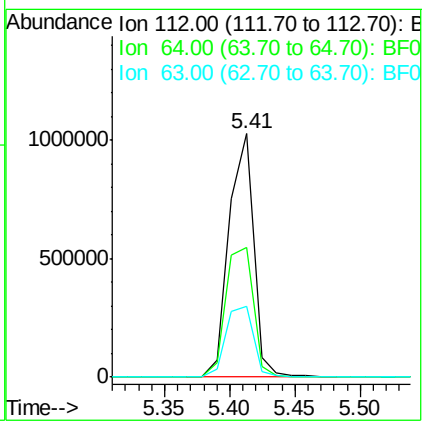


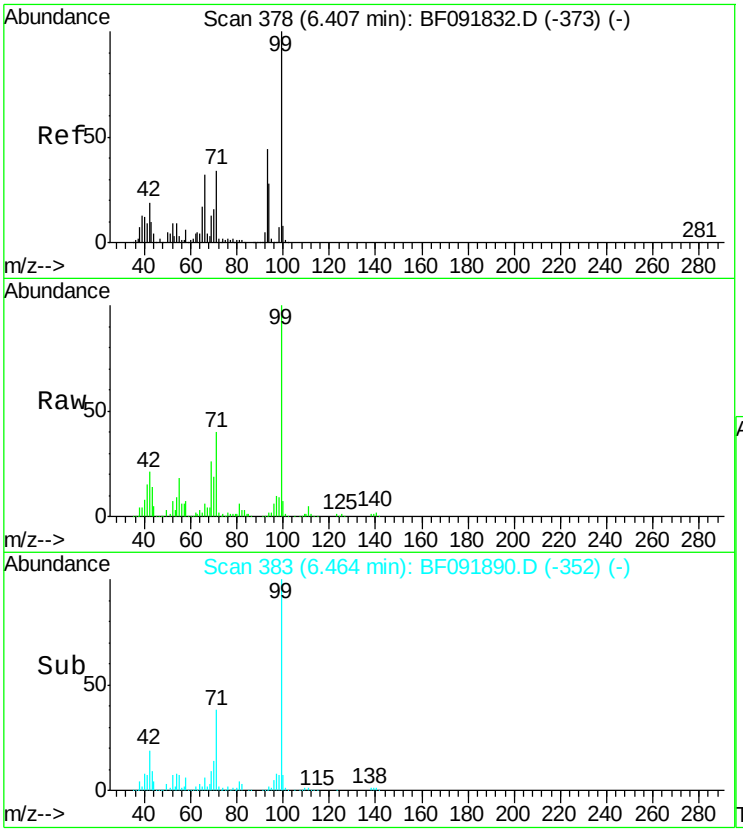


#5
2-Fluorophenol
Concen: 180.98 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.07 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion:112 Resp: 1348109

Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.1	69.1
63	29.1	23.8	35.6



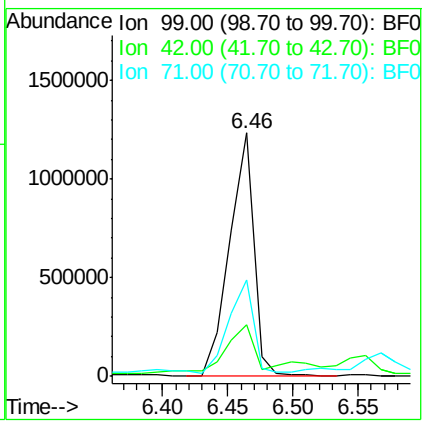


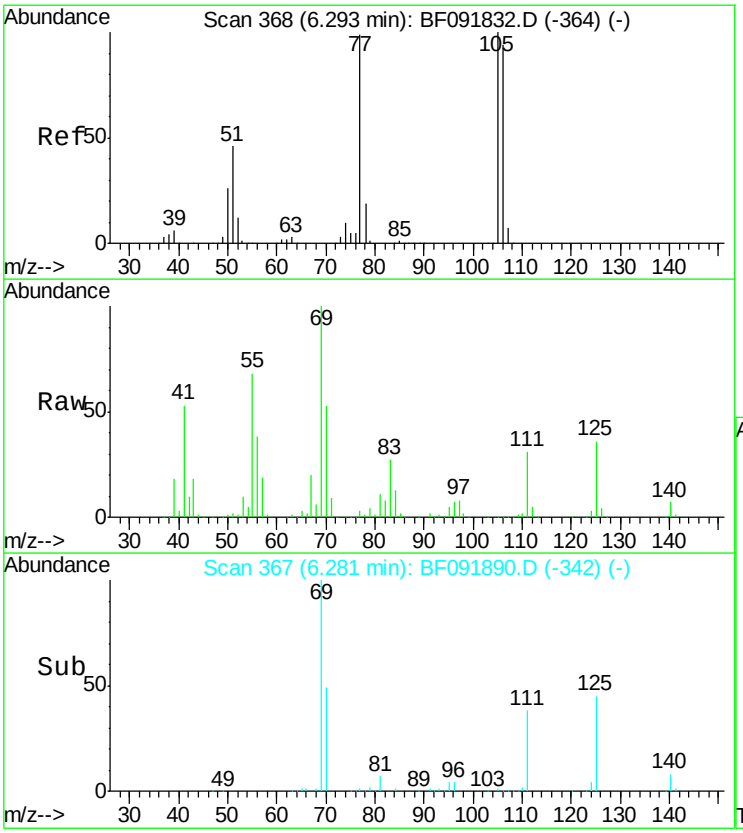
#7
Phenol-d6
Concen: 173.49 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.06 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion: 99 Resp: 1577826

Ion	Ratio	Lower	Upper
99	100		
42	20.9	15.6	23.4
71	39.5	27.5	41.3

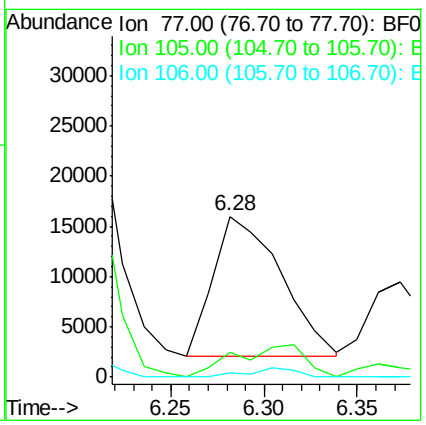


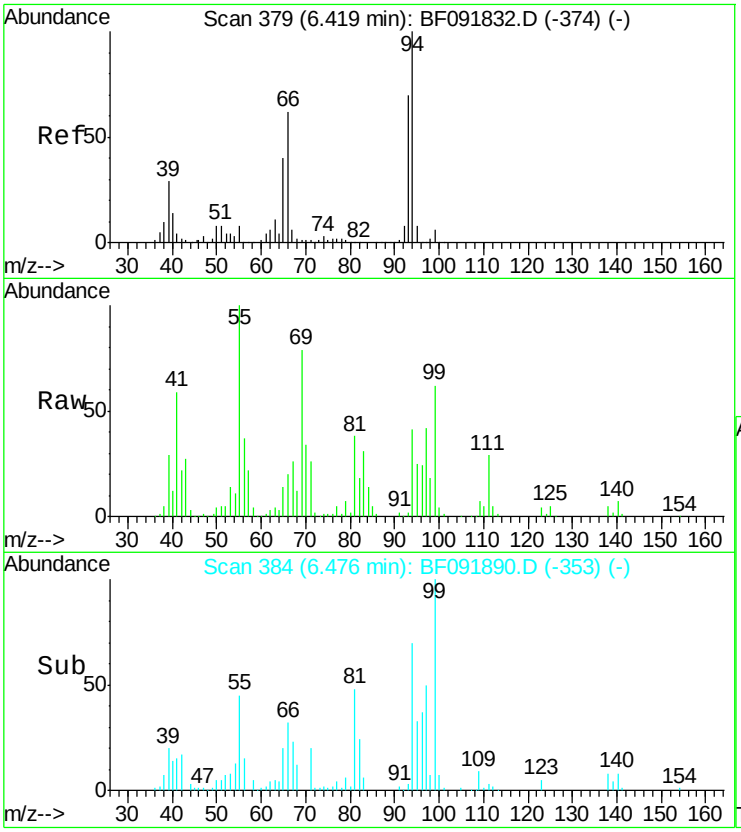


#9
Benzaldehyde
Concen: 4.98 ng
RT: 6.28 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion: 77 Resp: 35071

Ion	Ratio	Lower	Upper
77	100		
105	15.2	83.9	123.9#
106	2.6	77.6	117.6#



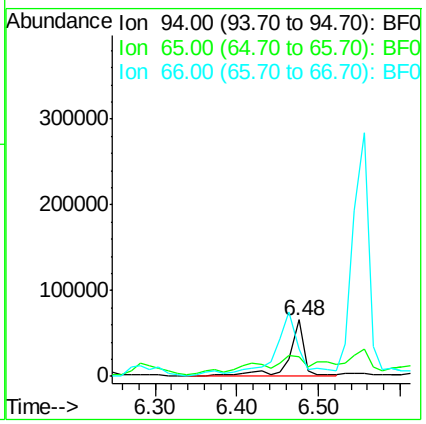


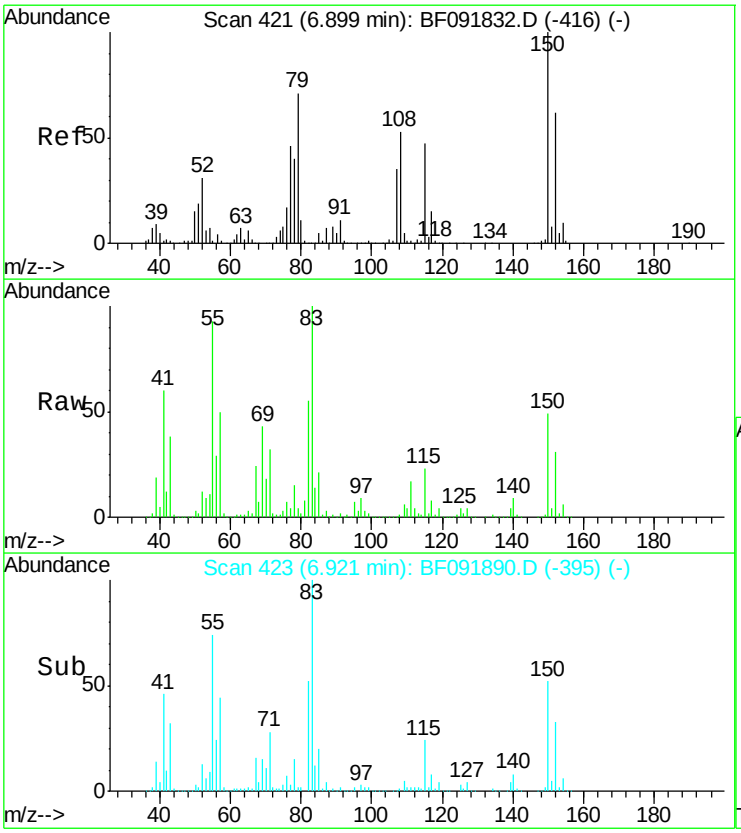
#10
Phenol
Concen: 8.39 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.06 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion: 94 Resp: 86976

Ion	Ratio	Lower	Upper
94	100		
65	35.1	21.4	61.4
66	48.2	44.0	84.0

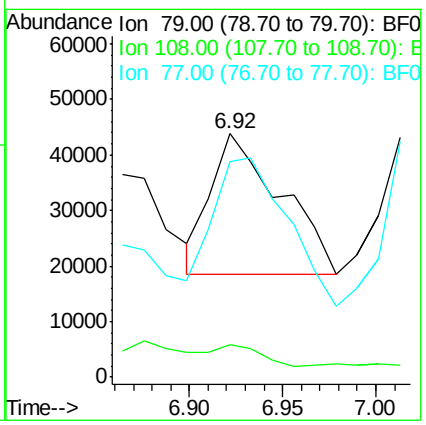


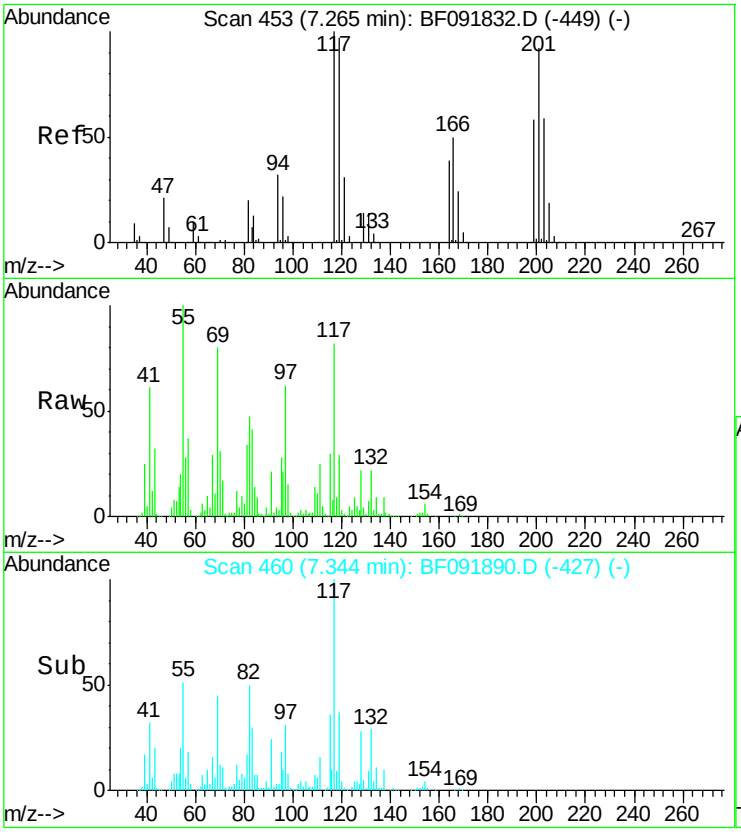


#15
Benzyl Alcohol
Concen: 9.31 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.02 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion: 79 Resp: 65774

Ion	Ratio	Lower	Upper
79	100		
108	13.1	61.4	92.0#
77	88.3	50.9	76.3#



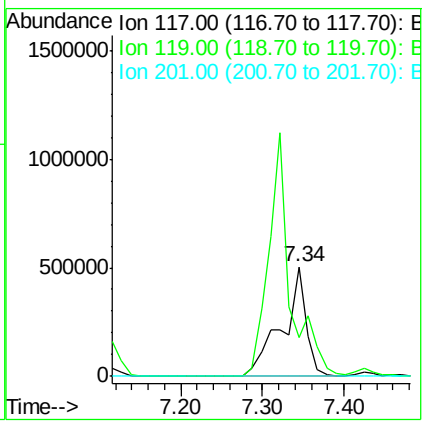


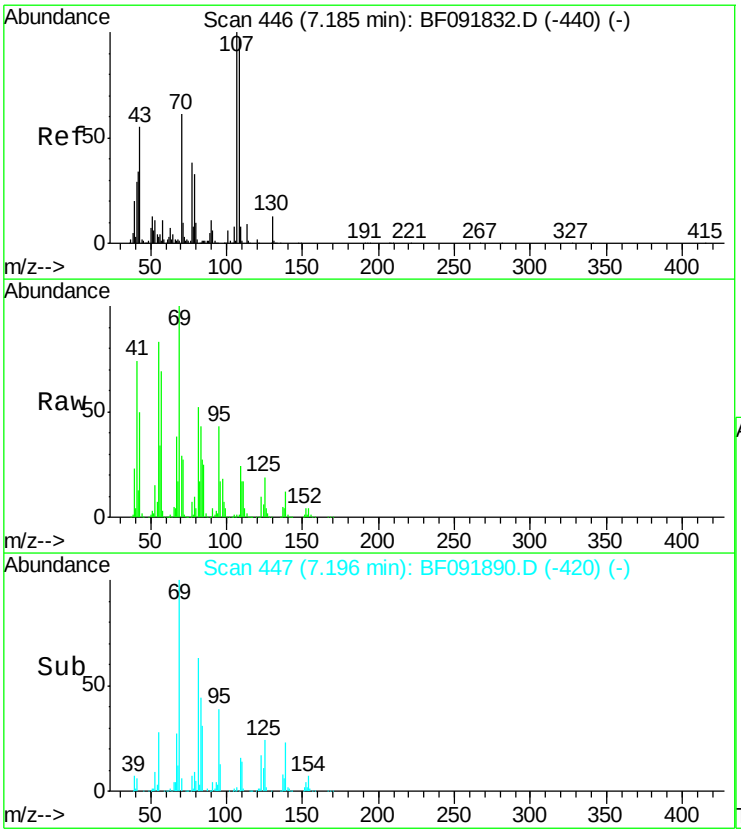
#18
Hexachloroethane
Concen: 299.76 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.08 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion:117 Resp: 1023181

Ion	Ratio	Lower	Upper
117	100		
119	35.6	78.1	117.1#
201	0.0	78.6	117.8#

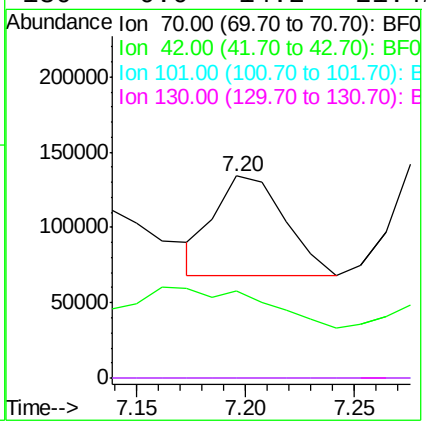


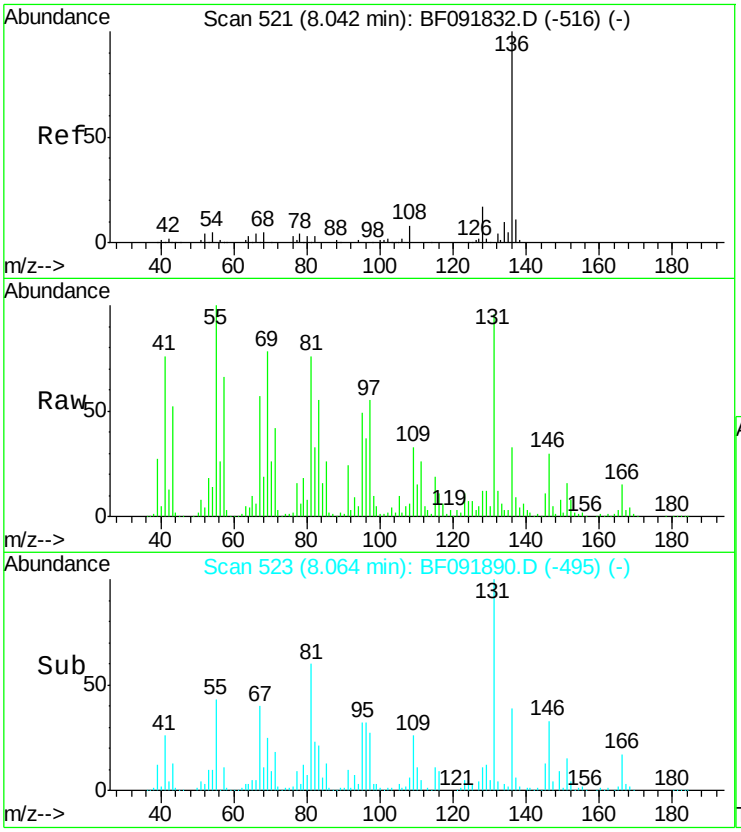


#19
n-Nitroso-di-n-propylamine
Concen: 24.45 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion: 70 Resp: 147907

Ion	Ratio	Lower	Upper
70	100		
42	42.9	49.4	74.0#
101	0.0	7.4	11.2#
130	0.0	14.2	21.4#



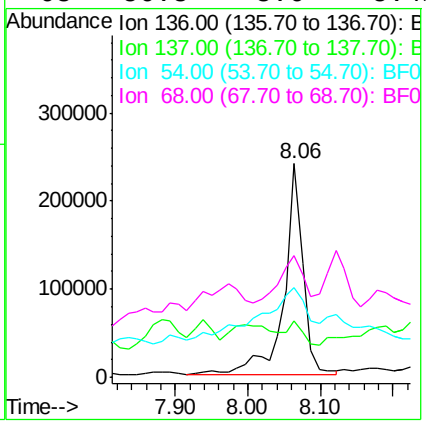


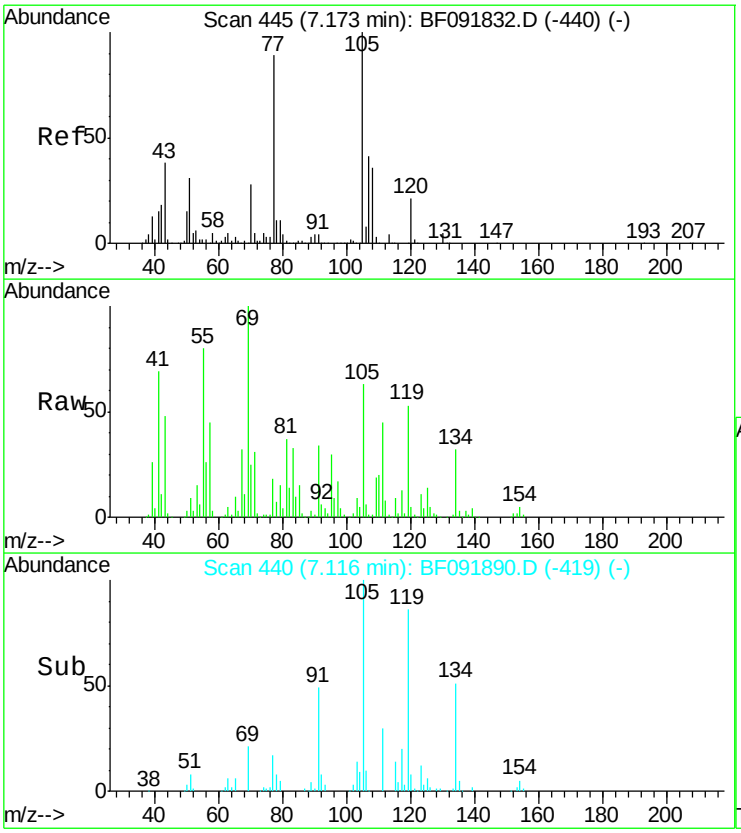
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.02 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion:136 Resp: 430596

Ion	Ratio	Lower	Upper
136	100		
137	26.2	8.4	12.6#
54	42.1	4.5	6.7#
68	56.8	3.6	5.4#

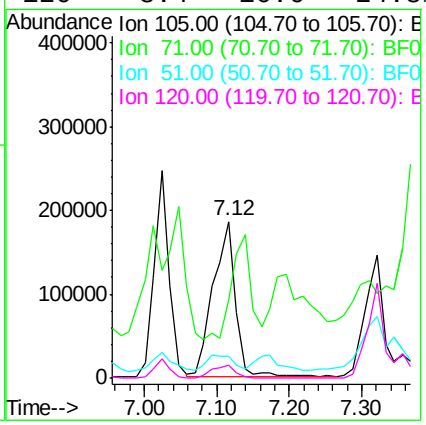


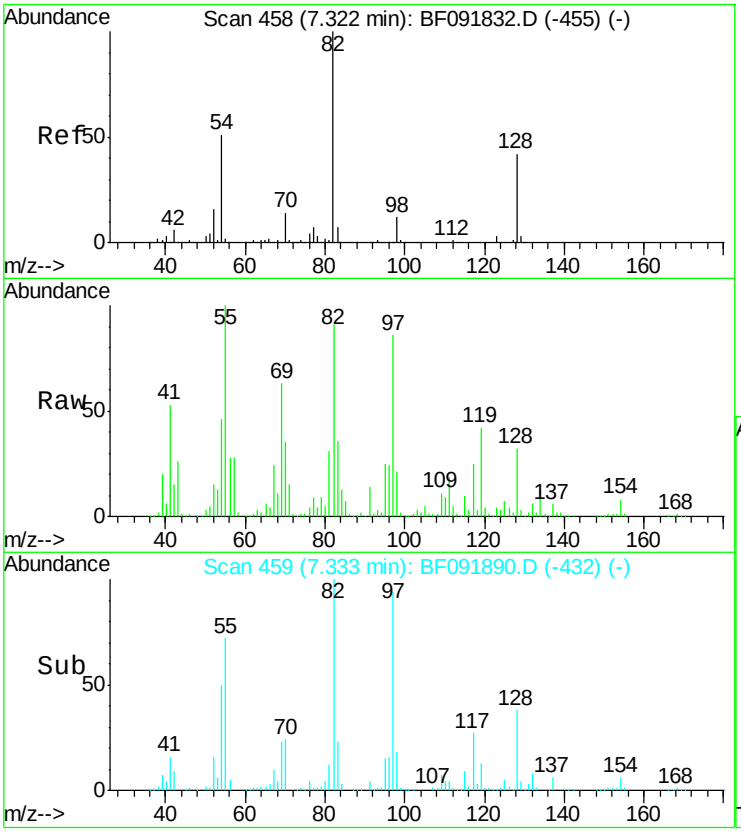


#22
Acetophenone
Concen: 36.88 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.06 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion:105 Resp: 391711

Ion	Ratio	Lower	Upper
105	100		
71	49.7	3.2	4.8#
51	14.2	26.2	39.4#
120	8.4	16.6	24.8#



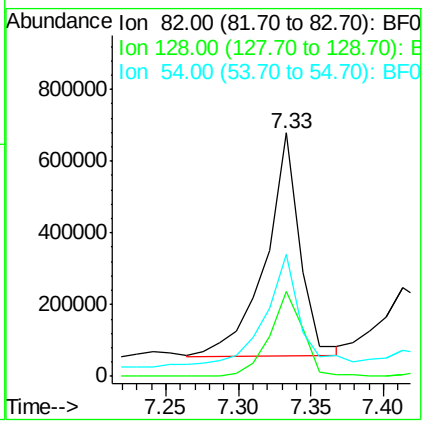


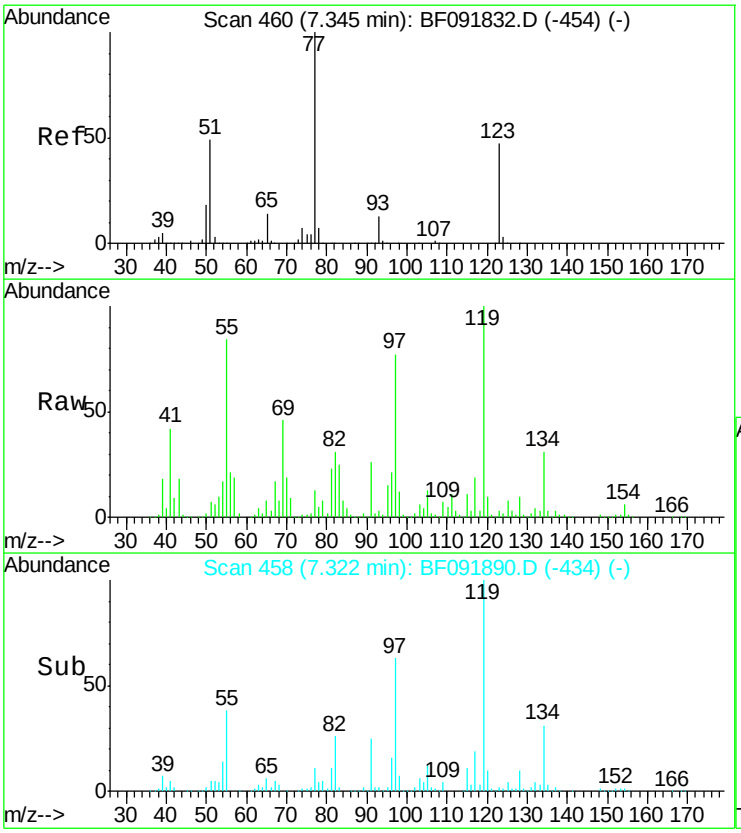
#23
Nitrobenzene-d5
Concen: 130.21 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion: 82 Resp: 1008344

Ion	Ratio	Lower	Upper
82	100		
128	34.8	34.6	52.0
54	50.2	39.5	59.3

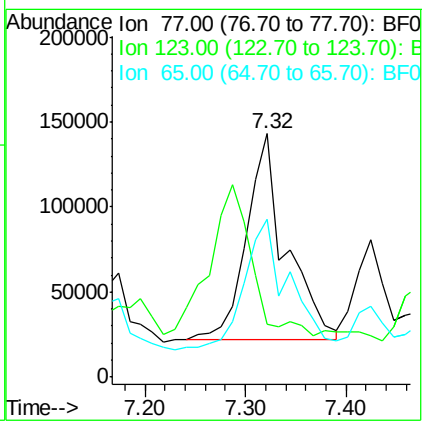


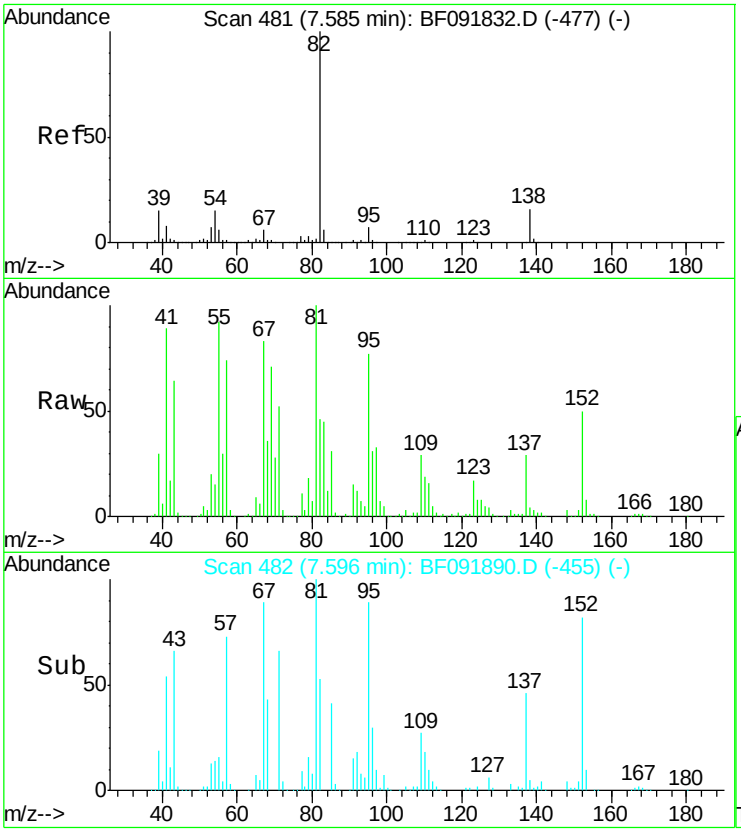


#24
Nitrobenzene
Concen: 39.53 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion: 77 Resp: 326013

Ion	Ratio	Lower	Upper
77	100		
123	21.9	33.0	49.4#
65	64.8	11.2	16.8#



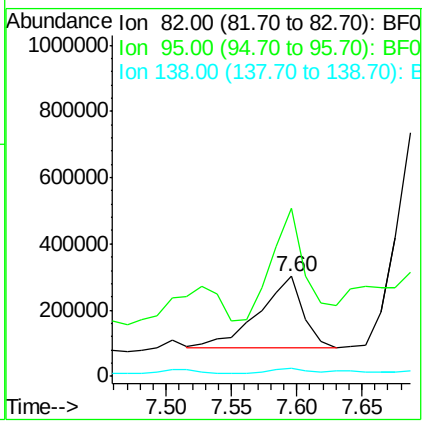


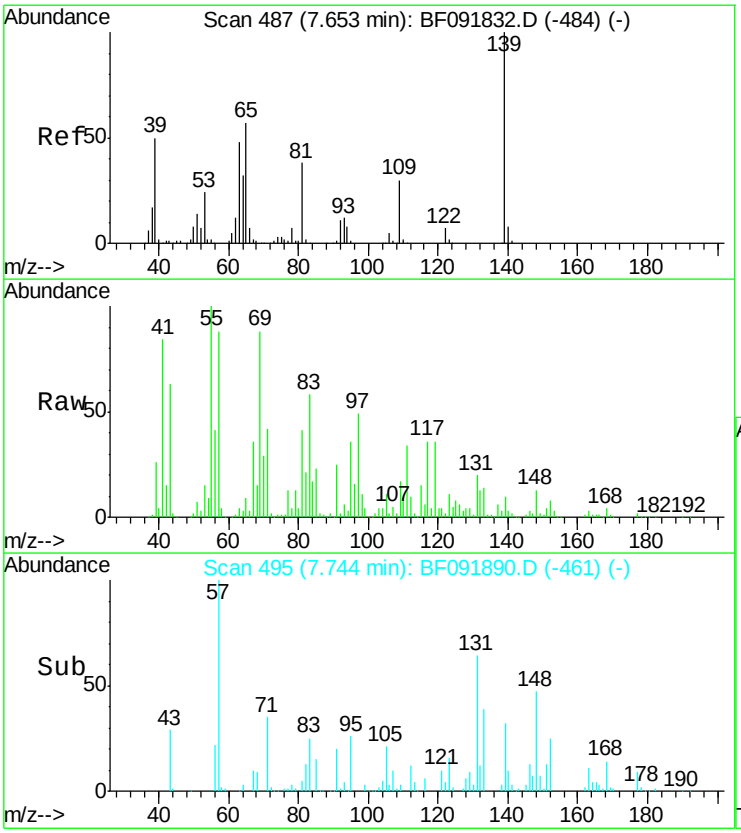
#25
Isophorone
Concen: 36.13 ng
RT: 7.60 min Scan# 482
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion: 82 Resp: 516137

Ion	Ratio	Lower	Upper
82	100		
95	168.1	5.6	8.4#
138	8.2	14.6	22.0#

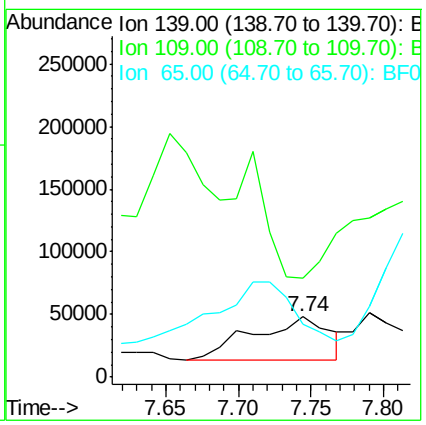


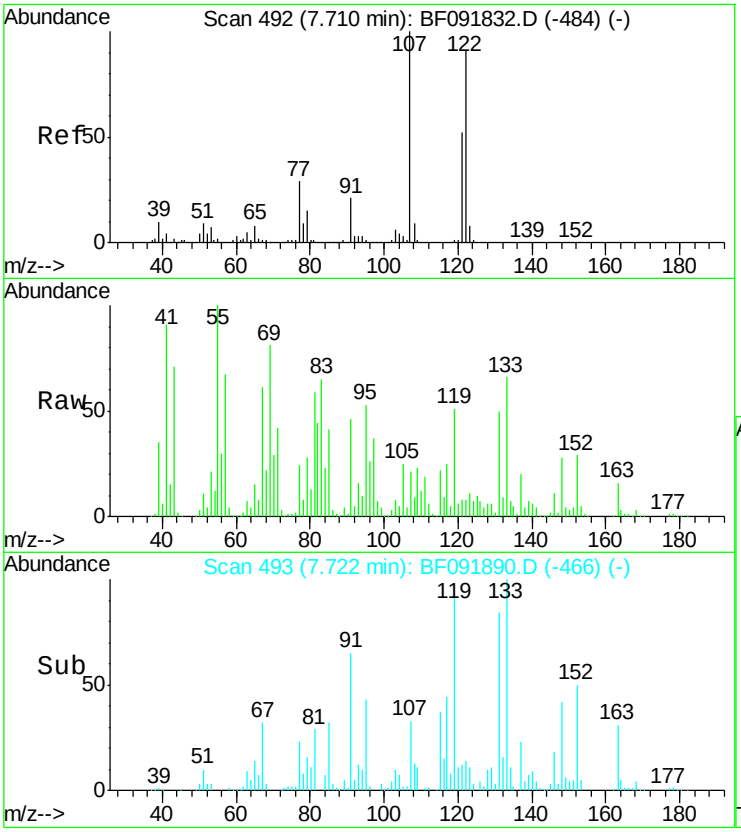


#26
2-Nitrophenol
Concen: 31.87 ng
RT: 7.74 min Scan# 495
Delta R.T. 0.09 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion:139 Resp: 129611

Ion	Ratio	Lower	Upper
139	100		
109	163.9	23.3	34.9#
65	88.2	42.7	64.1#



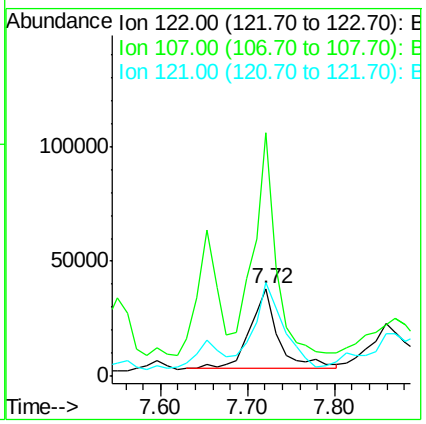


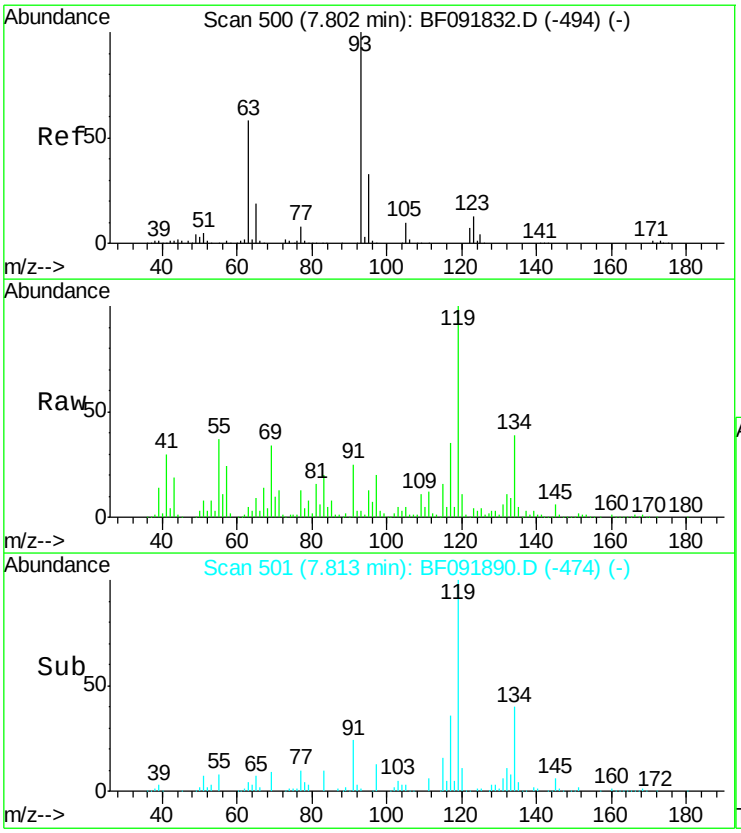
#27
2,4-Dimethylphenol
Concen: 11.99 ng
RT: 7.72 min Scan# 493
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion:122 Resp: 80852

Ion	Ratio	Lower	Upper
122	100		
107	276.4	94.1	141.1#
121	105.8	46.0	69.0#

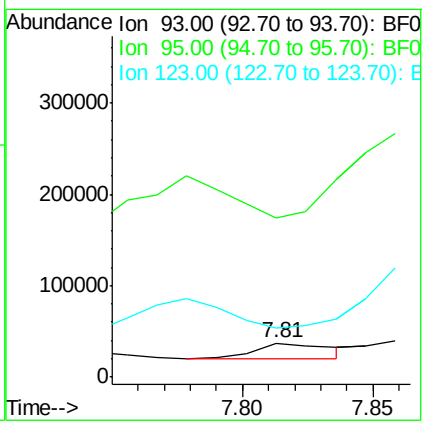


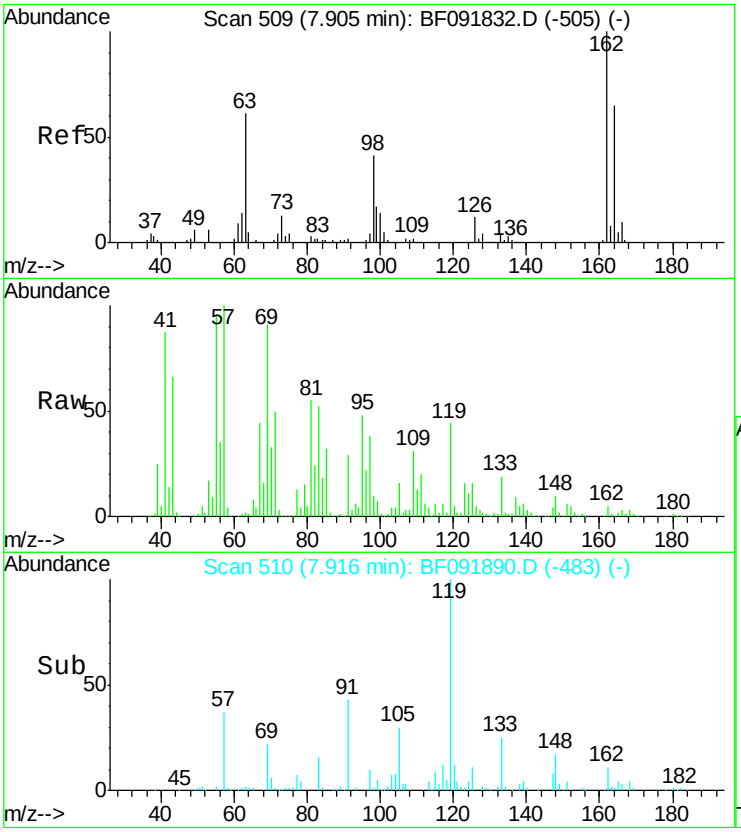


#28
bis(2-Chloroethoxy)methane
Concen: 4.24 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion: 93 Resp: 36710

Ion	Ratio	Lower	Upper
93	100		
95	464.9	26.5	39.7#
123	143.5	8.6	13.0#



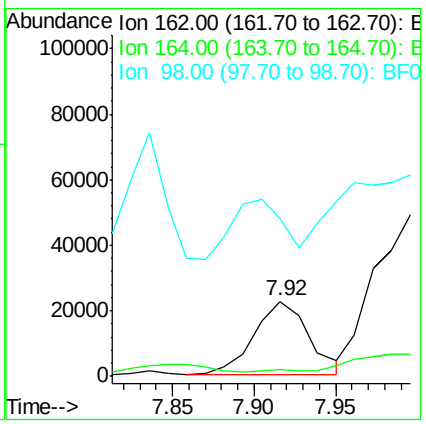


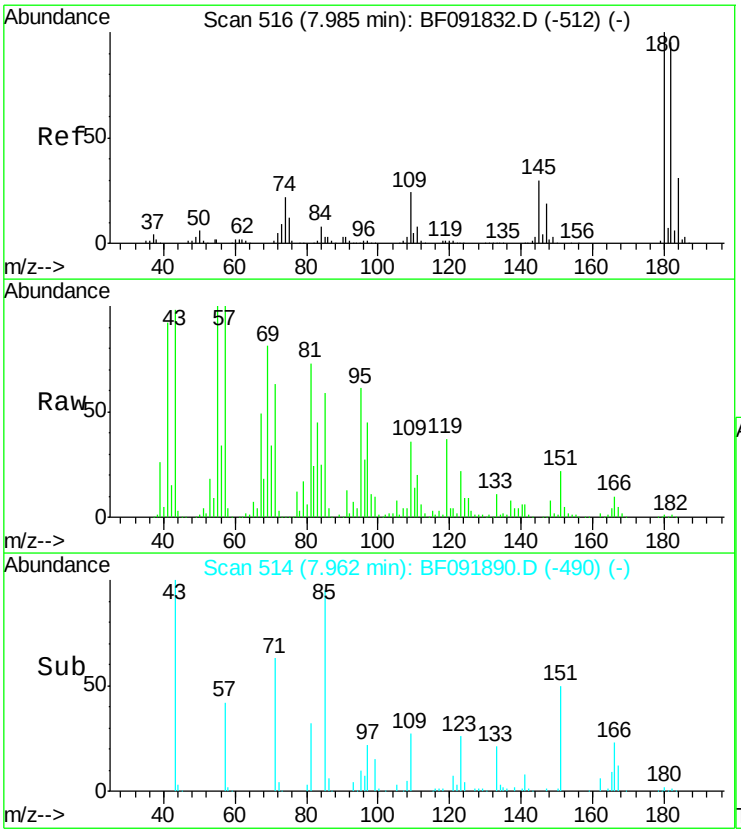
#29
2,4-Dichlorophenol
Concen: 9.35 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion:162 Resp: 53432

Ion	Ratio	Lower	Upper
162	100		
164	9.7	46.8	86.8#
98	209.6	9.1	49.1#

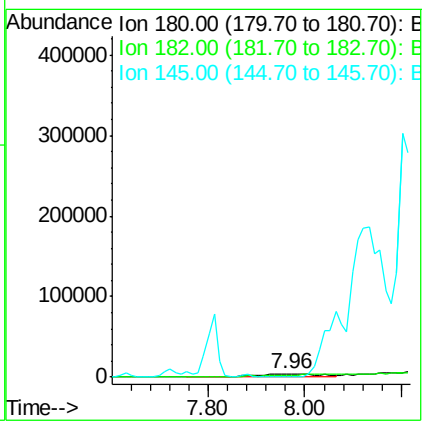


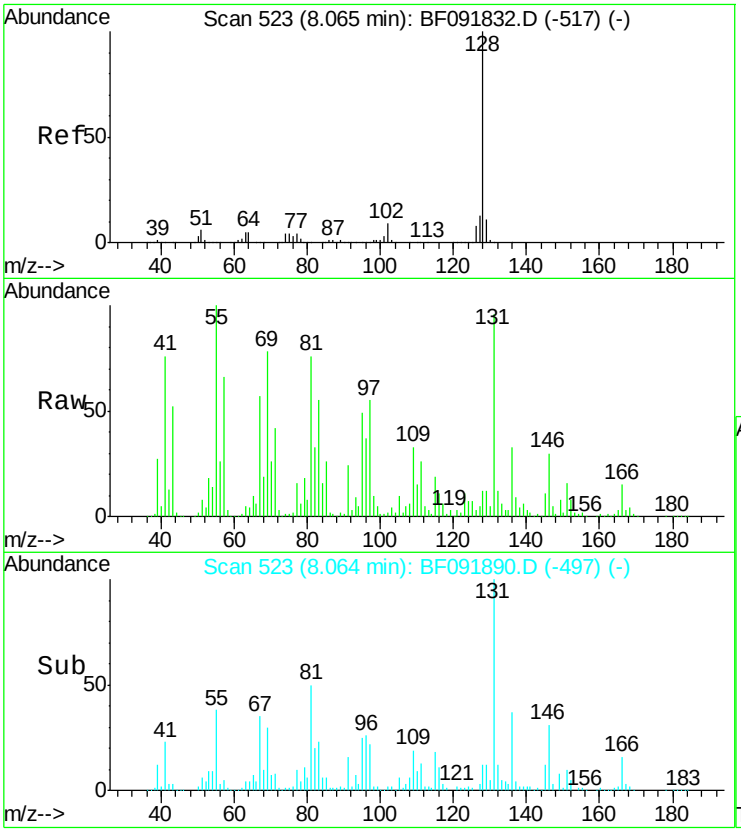


#30
1,2,4-Trichlorobenzene
Concen: 5.53 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.02 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion:180 Resp: 34587

Ion	Ratio	Lower	Upper
180	100		
182	63.5	78.2	117.4#
145	0.0	21.6	32.4#



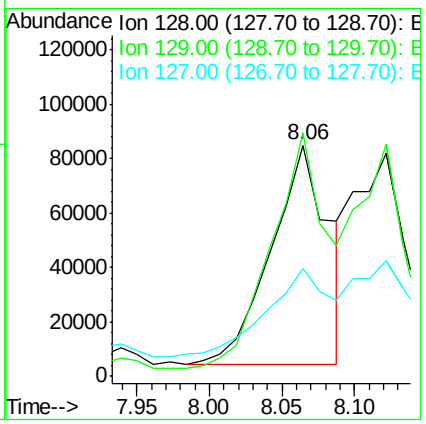


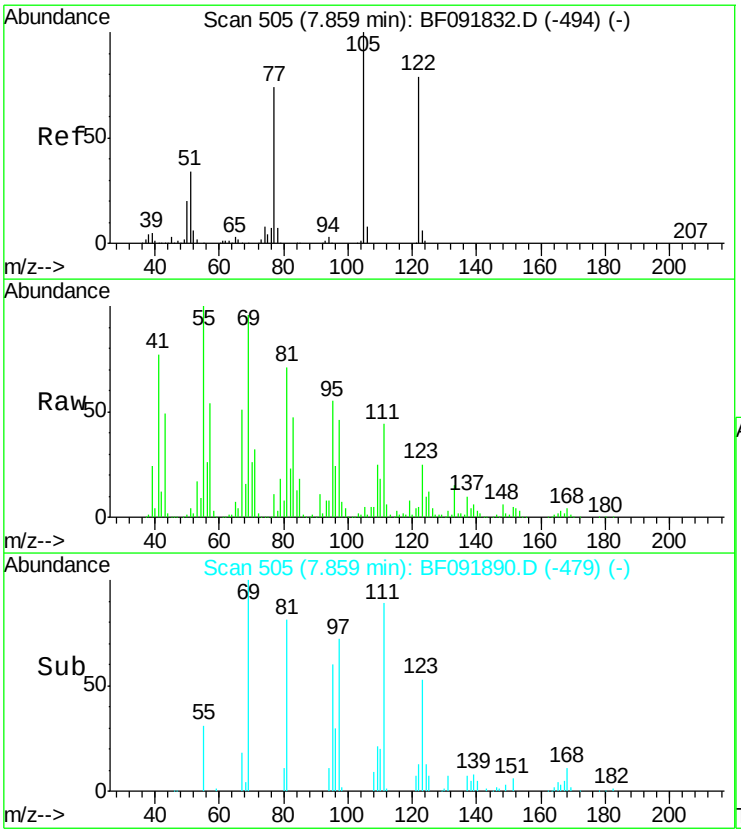
#31
Naphthalene
Concen: 11.22 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion:128 Resp: 221140

Ion	Ratio	Lower	Upper
128	100		
129	105.3	9.5	14.3#
127	46.8	10.8	16.2#

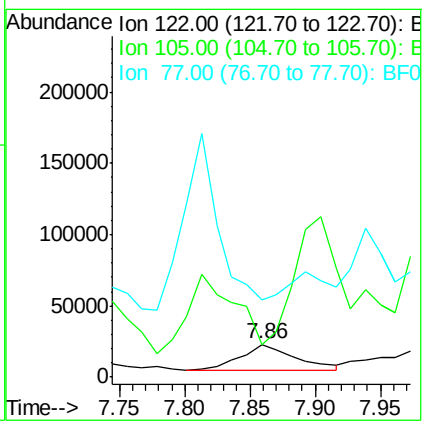


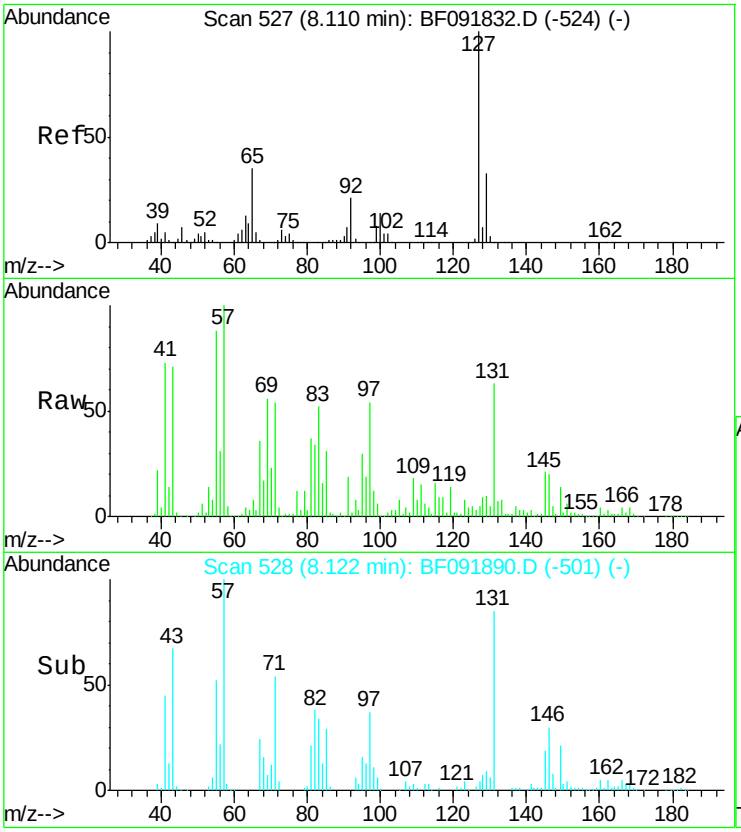


#32
Benzoic acid
Concen: 10.52 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion:122 Resp: 52650

Ion	Ratio	Lower	Upper
122	100		
105	100.1	107.2	147.2#
77	240.3	74.5	114.5#



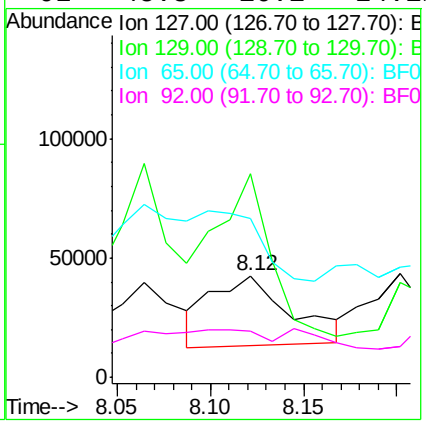


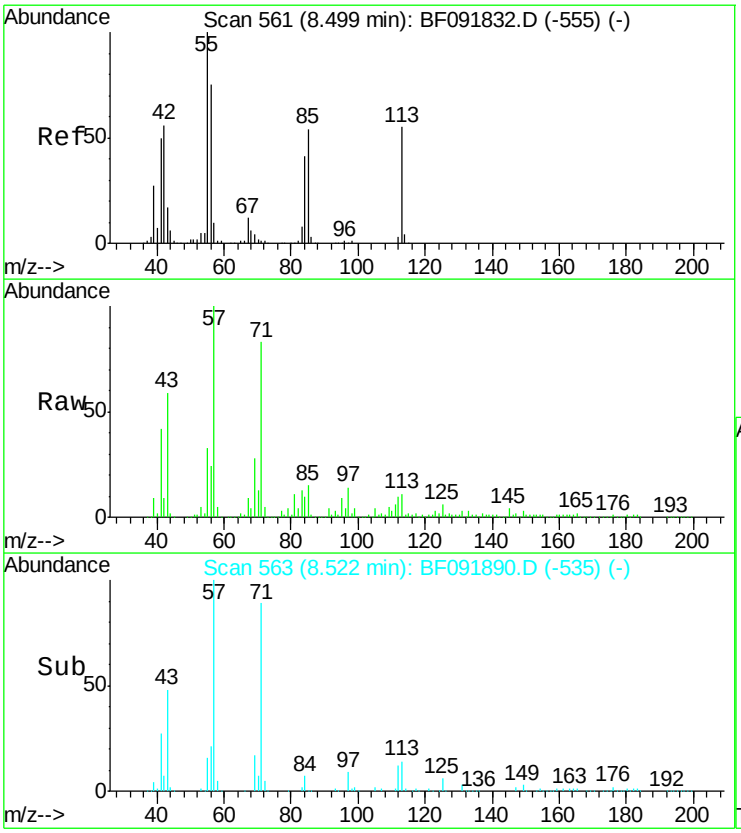
#33
4-Chloroaniline
Concen: 9.79 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion:127 Resp: 87034

Ion	Ratio	Lower	Upper
127	100		
129	200.7	26.3	39.5#
65	156.0	25.8	38.8#
92	45.8	16.1	24.1#

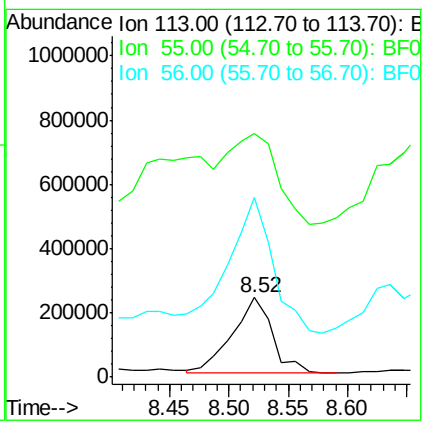


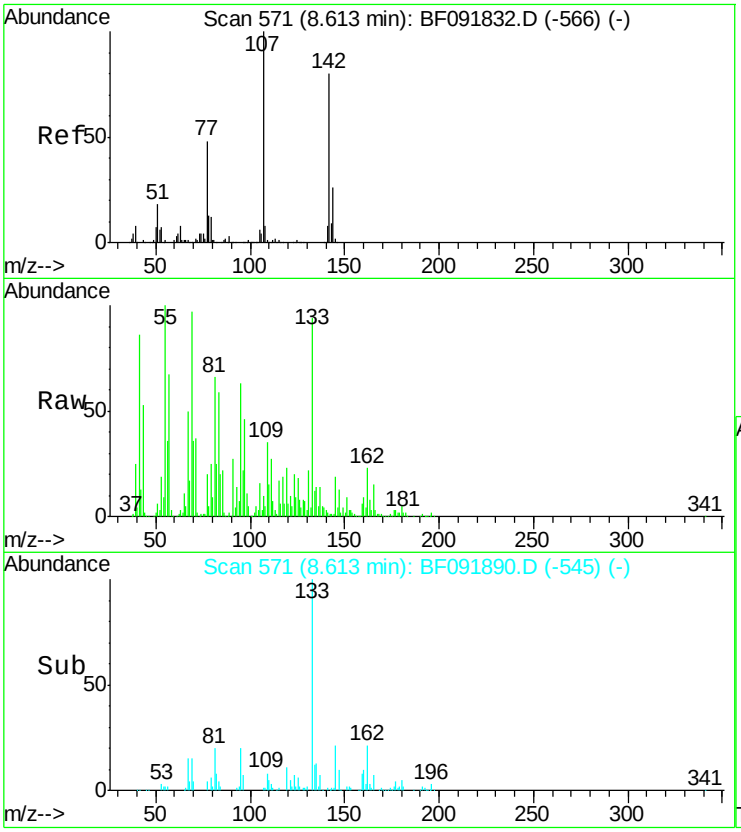


#35
Caprolactam
Concen: 292.64 ng
RT: 8.52 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion:113 Resp: 549339

Ion	Ratio	Lower	Upper
113	100		
55	306.3	119.2	159.2#
56	225.2	83.8	123.8#



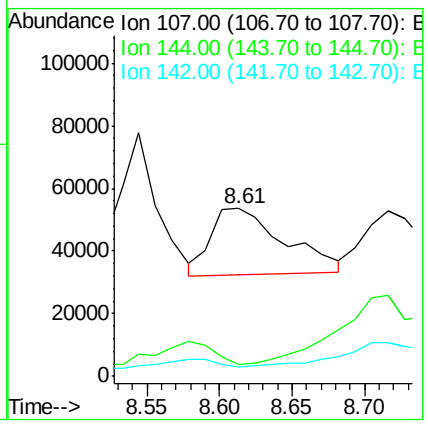


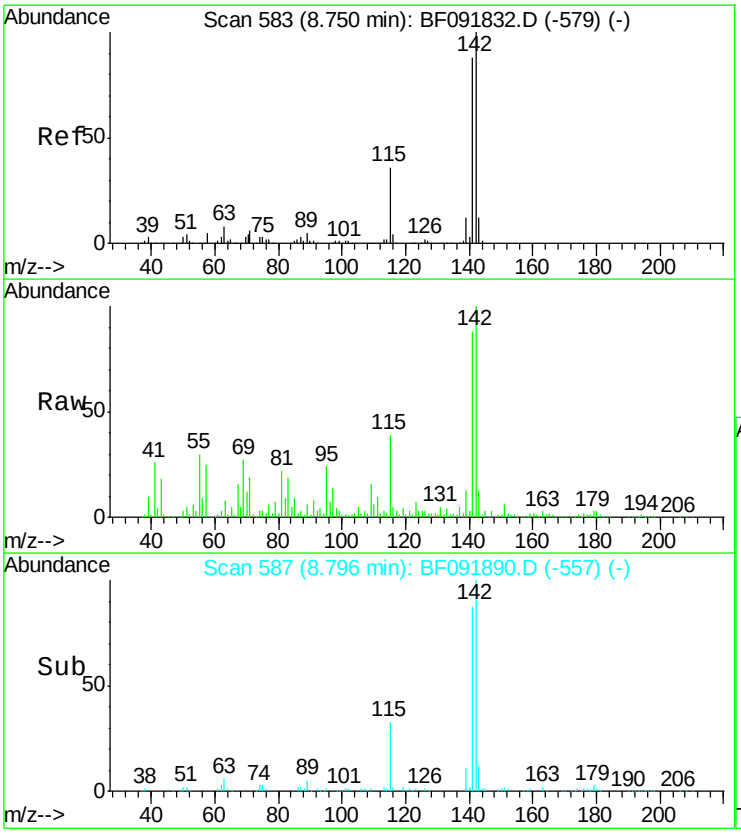
#36
4-Chloro-3-methylphenol
Concen: 11.44 ng
RT: 8.61 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion:107 Resp: 75225

Ion	Ratio	Lower	Upper
107	100		
144	7.1	19.3	28.9#
142	5.3	59.0	88.6#

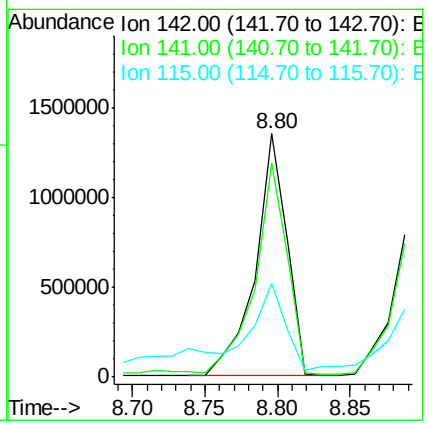


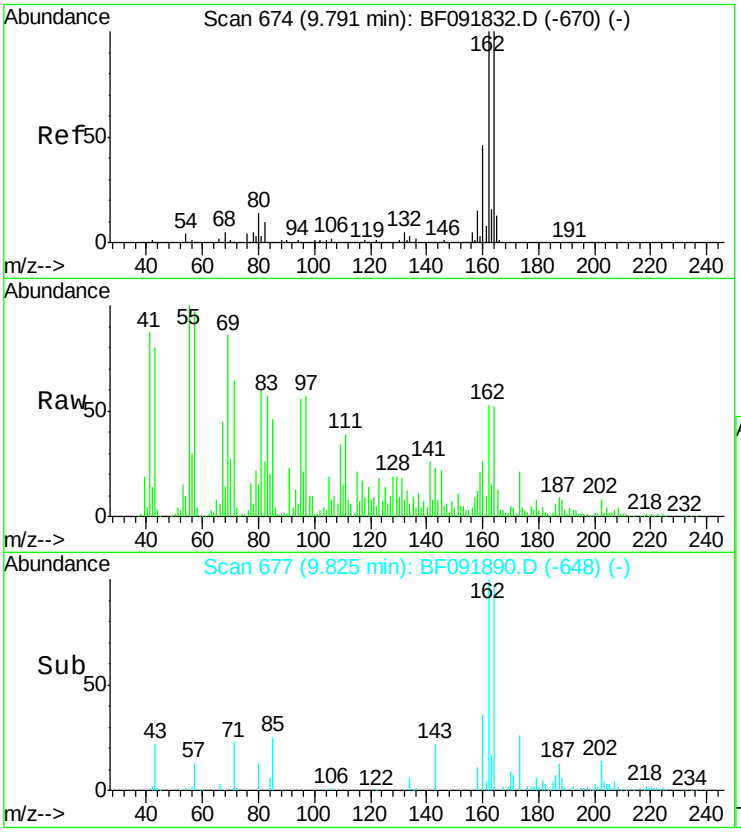


#37
2-Methylnaphthalene
Concen: Below Cal
RT: 8.80 min Scan# 587
Delta R.T. 0.05 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion:142 Resp: 2039751

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.6
115	38.5	28.3	42.5



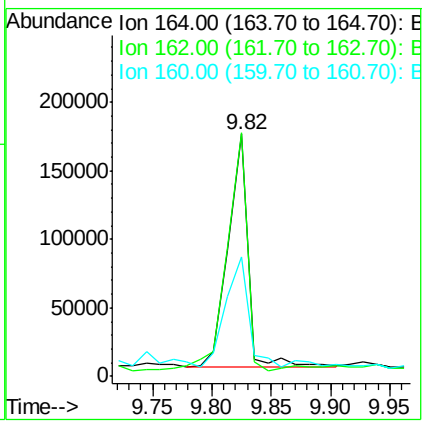


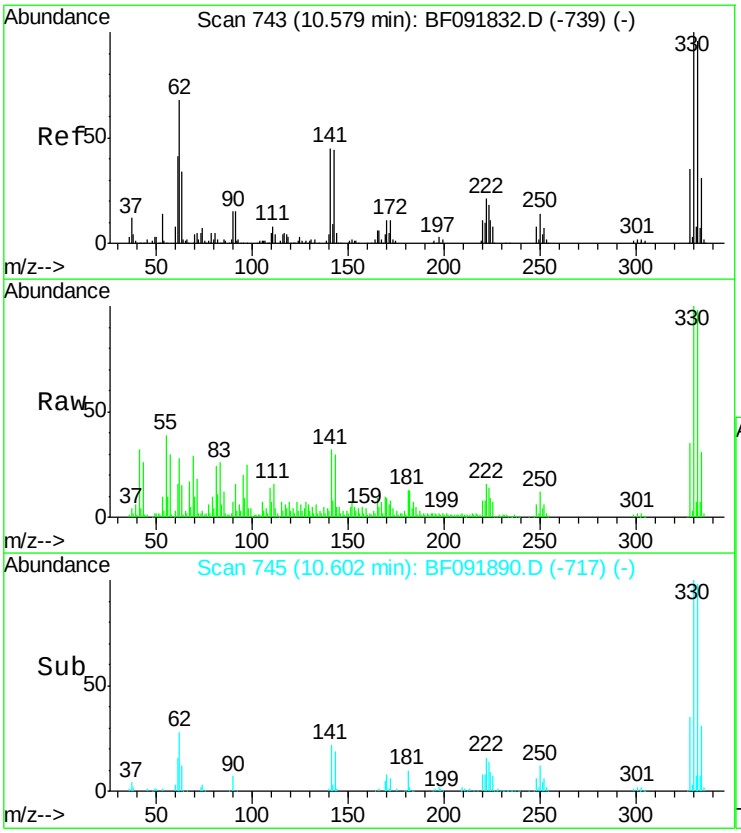
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.03 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion:164 Resp: 196954

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.2
160	49.2	36.9	55.3

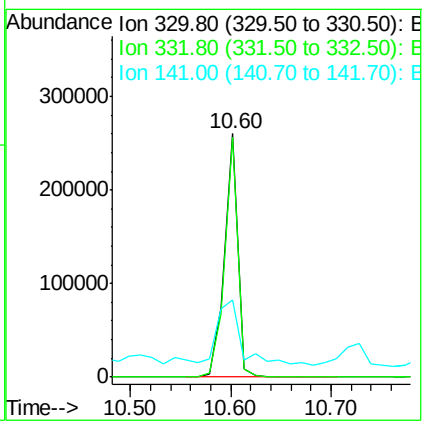


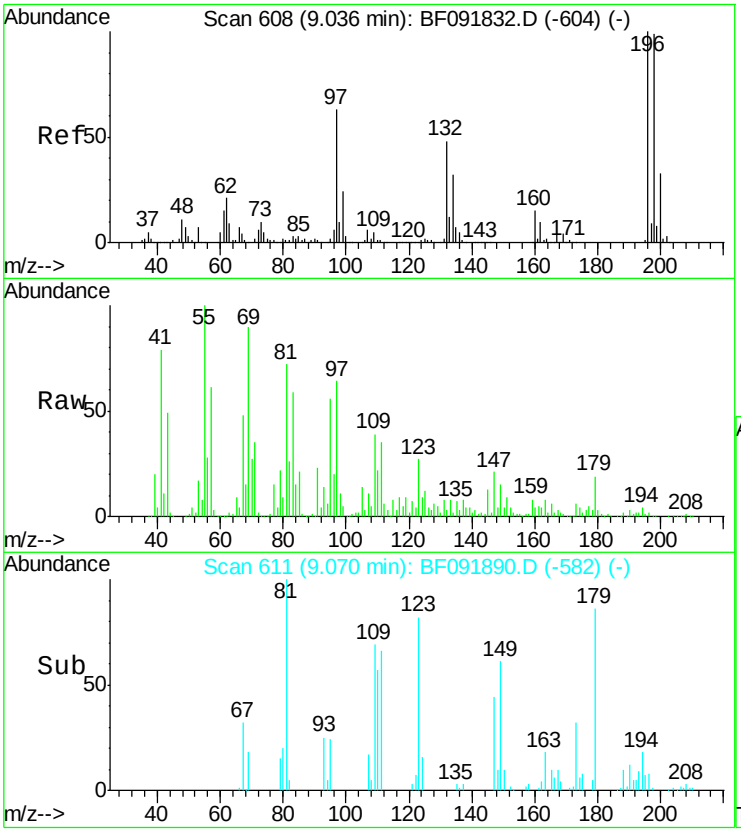


#41
2,4,6-Tribromophenol
Concen: 148.18 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.02 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion:330 Resp: 241521

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	46.4	34.1	51.1



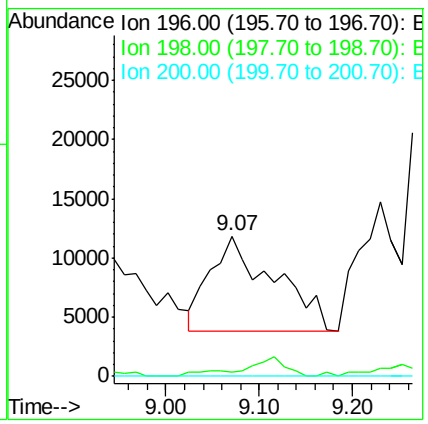


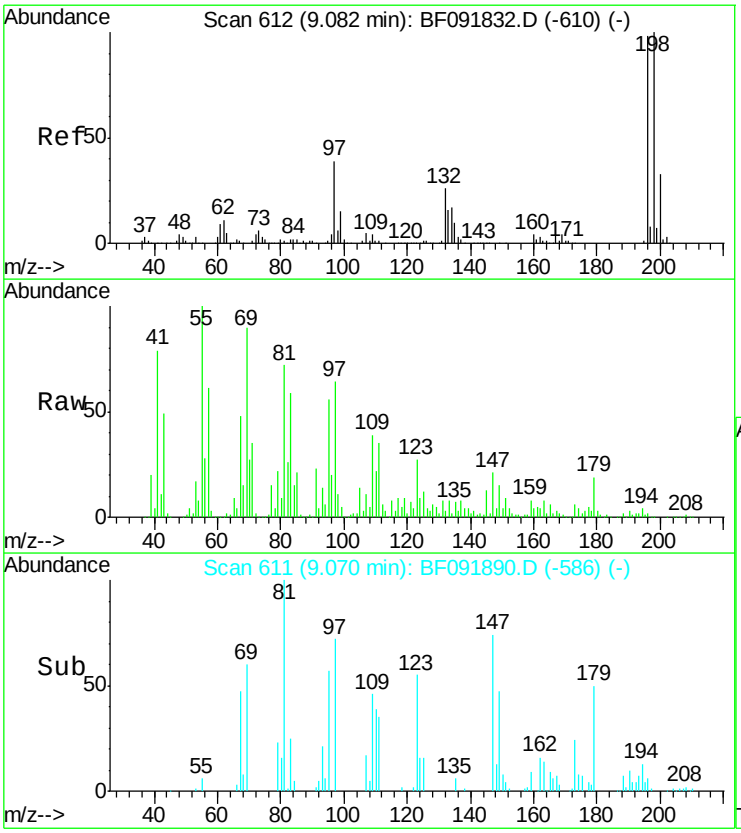
#42
2,4,6-Trichlorophenol
Concen: 10.87 ng
RT: 9.07 min Scan# 611
Delta R.T. 0.03 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion:196 Resp: 37842

Ion	Ratio	Lower	Upper
196	100		
198	3.0	82.1	123.1#
200	0.0	27.0	40.4#

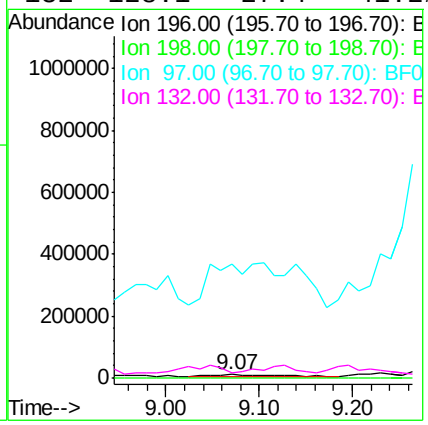


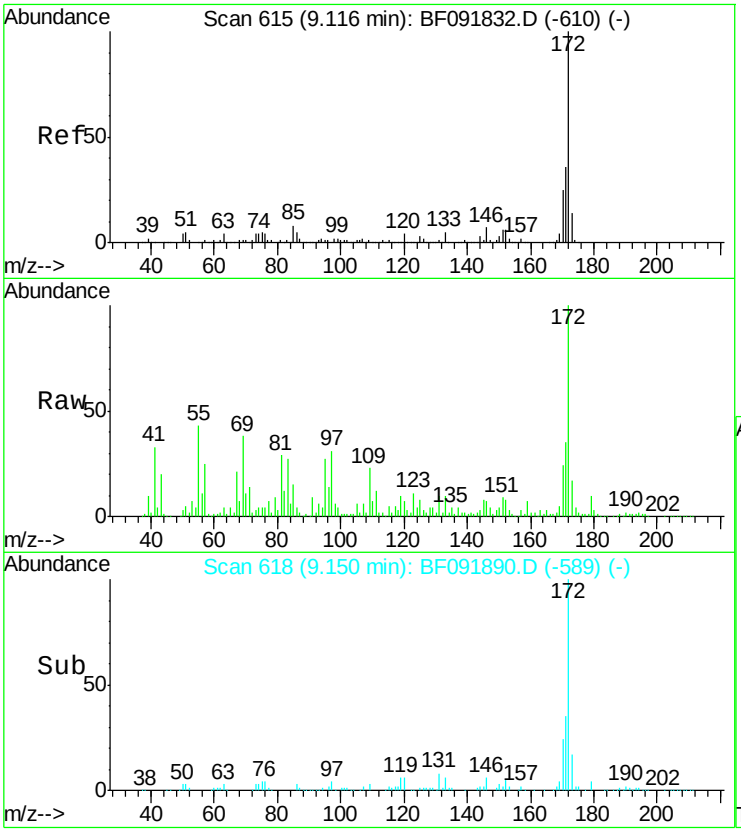


#43
2,4,5-Trichlorophenol
Concen: 10.57 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion:196 Resp: 37842

Ion	Ratio	Lower	Upper
196	100		
198	3.0	79.4	119.2#
97	3107.1	51.5	77.3#
132	128.1	27.4	41.2#



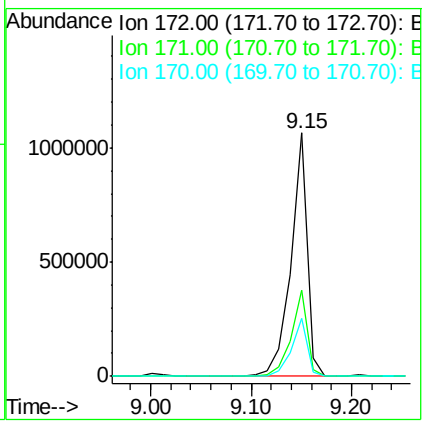


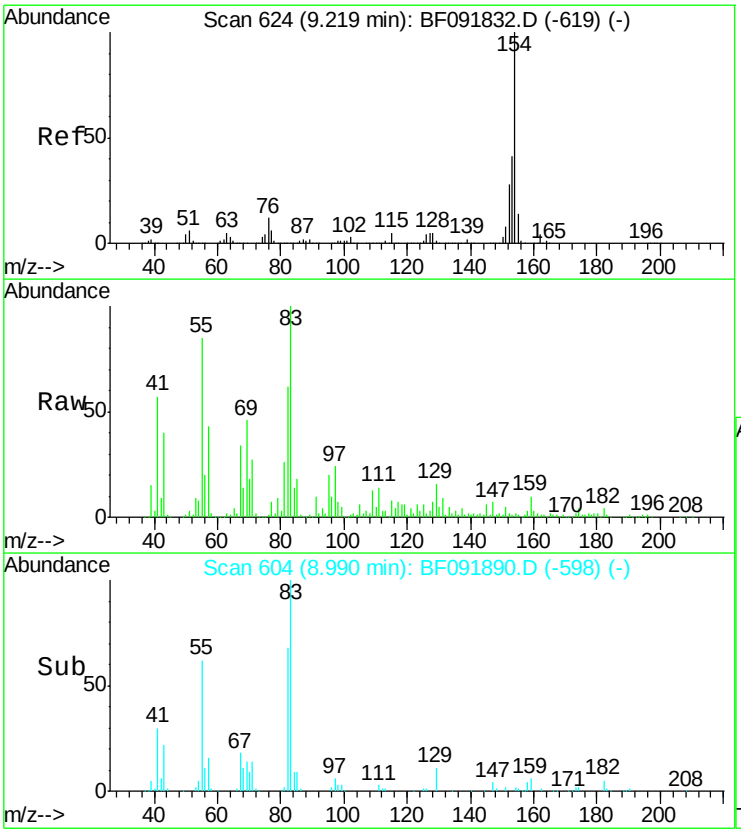
#44
2-Fluorobiphenyl
Concen: 132.04 ng
RT: 9.15 min Scan# 618
Delta R.T. 0.03 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion:172 Resp: 1200599

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.7	20.2	30.4

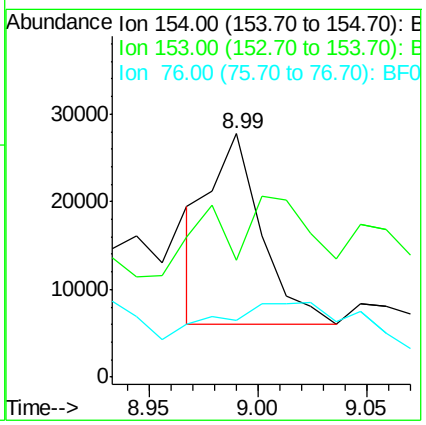


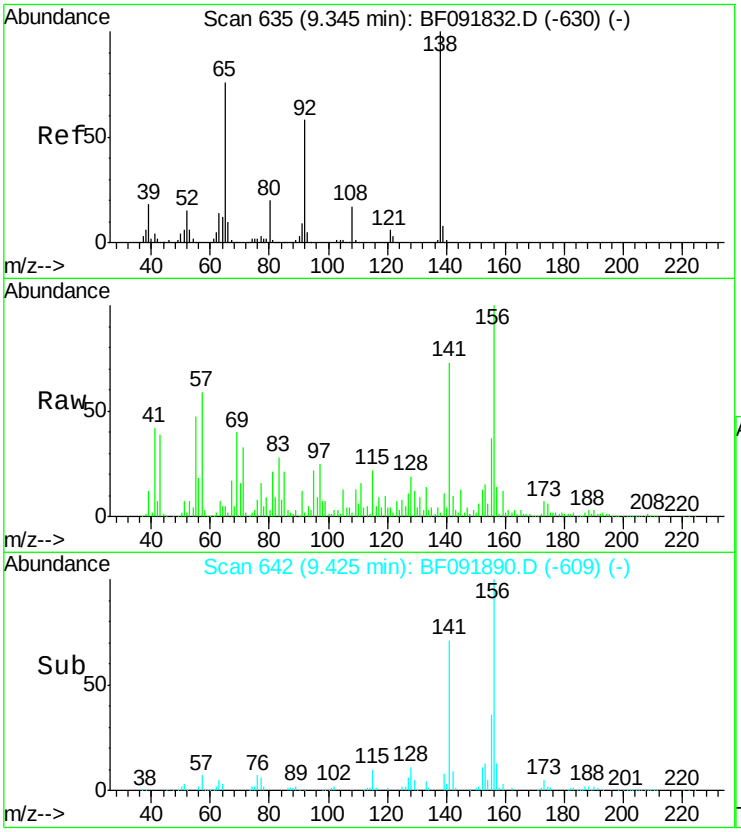


#45
1,1'-Biphenyl
Concen: 2.68 ng
RT: 8.99 min Scan# 604
Delta R.T. -0.23 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion:154 Resp: 36074

Ion	Ratio	Lower	Upper
154	100		
153	48.2	20.9	60.9
76	23.1	0.0	30.5



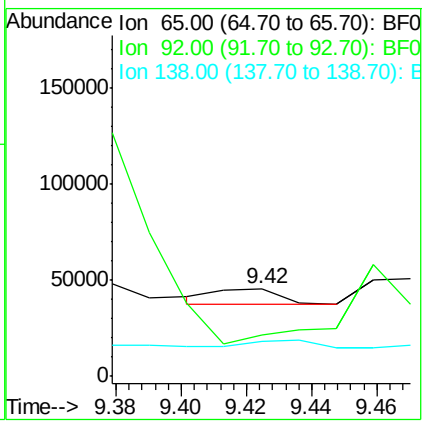


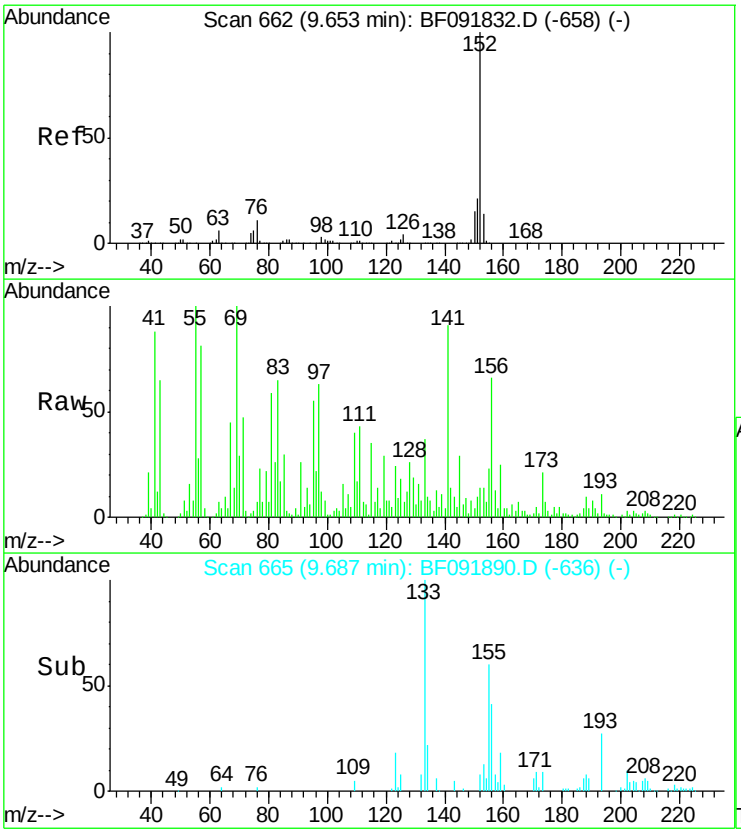
#47
2-Nitroaniline
Concen: 2.80 ng
RT: 9.42 min Scan# 642
Delta R.T. 0.08 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion: 65 Resp: 10659

Ion	Ratio	Lower	Upper
65	100		
92	48.0	53.9	80.9#
138	39.4	76.8	115.2#

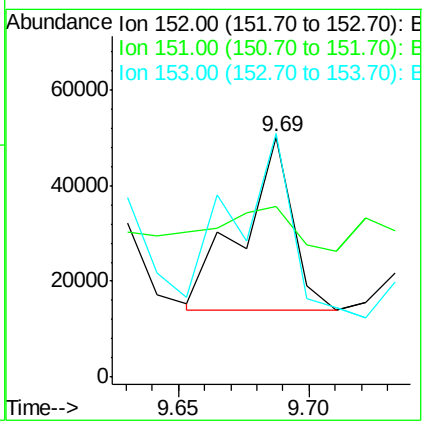


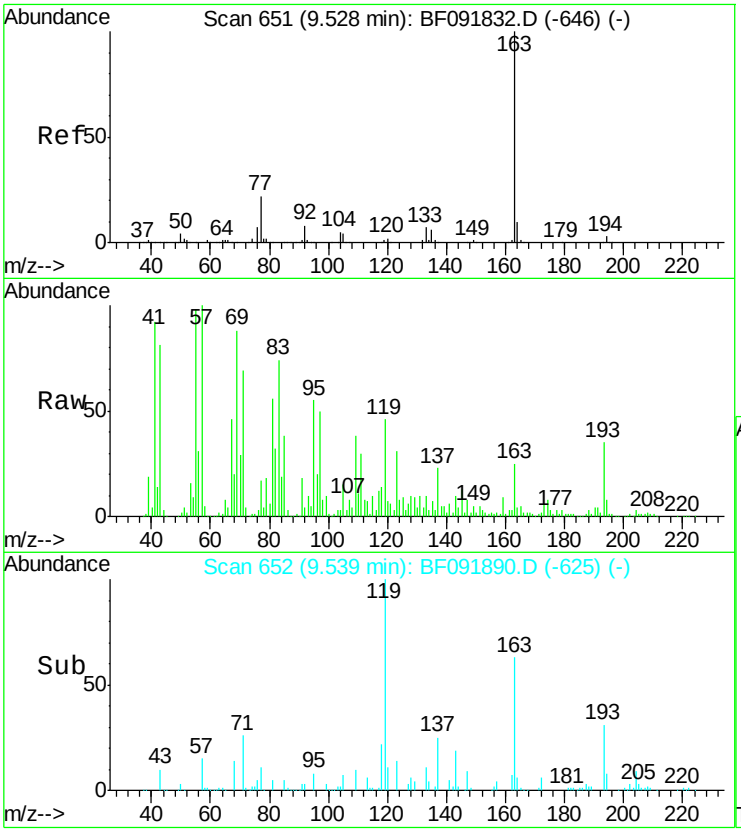


#48
Acenaphthylene
Concen: 2.92 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.03 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion:152 Resp: 47970

Ion	Ratio	Lower	Upper
152	100		
151	71.0	16.9	25.3#
153	101.5	11.4	17.2#



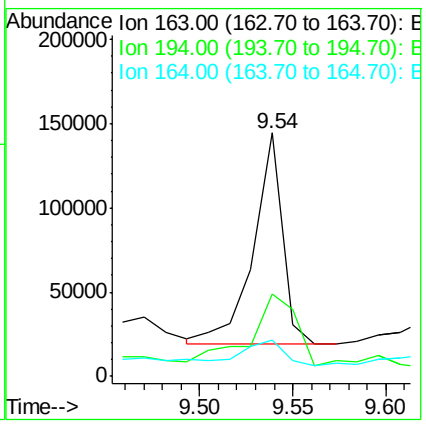


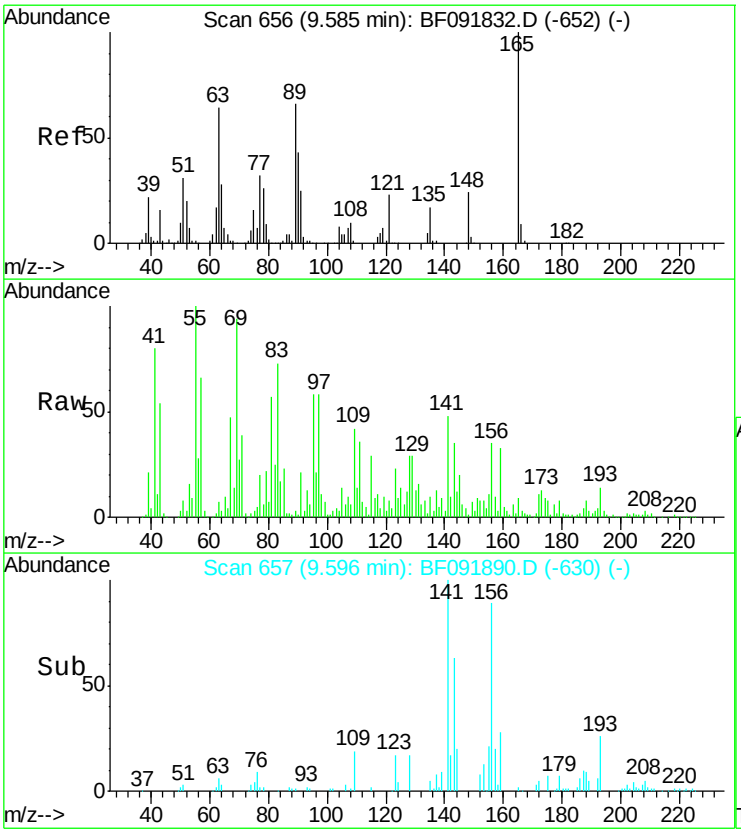
#49
Dimethylphthalate
Concen: 10.74 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion:163 Resp: 135250

Ion	Ratio	Lower	Upper
163	100		
194	33.6	3.0	4.4#
164	14.9	8.0	12.0#

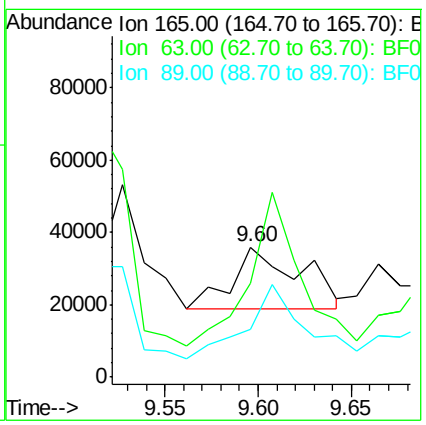


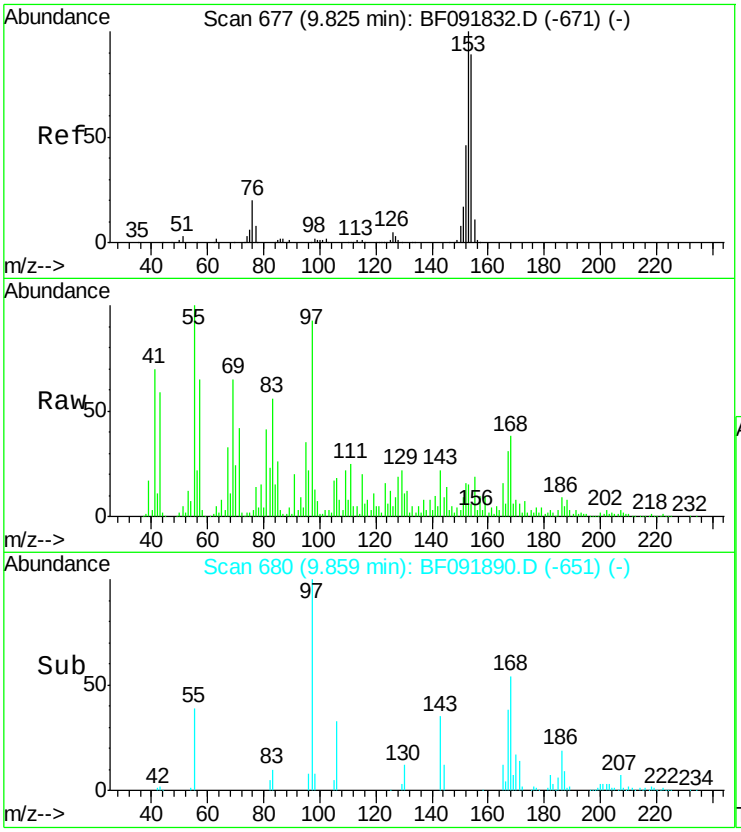


#50
2,6-Dinitrotoluene
Concen: 16.07 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion:165 Resp: 44312

Ion	Ratio	Lower	Upper
165	100		
63	72.3	36.2	54.4#
89	37.2	40.2	60.4#



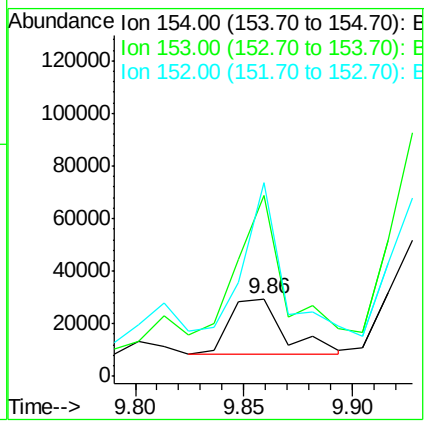


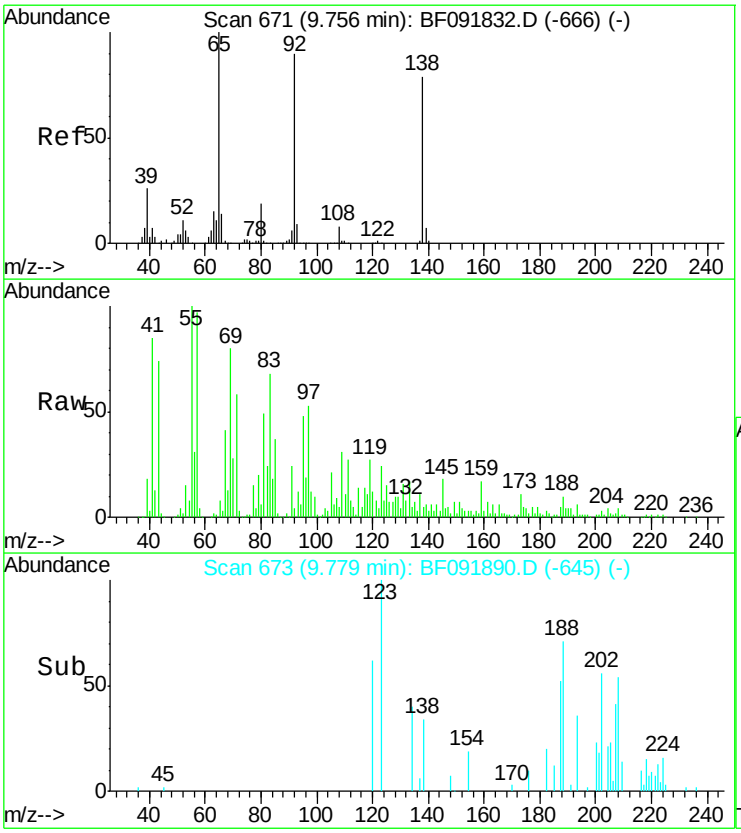
#51
Acenaphthene
Concen: 3.23 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.03 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion:154 Resp: 35920

Ion	Ratio	Lower	Upper
154	100		
153	233.2	88.6	133.0#
152	249.5	41.6	62.4#

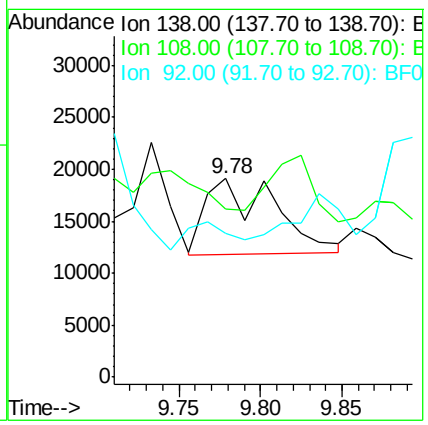


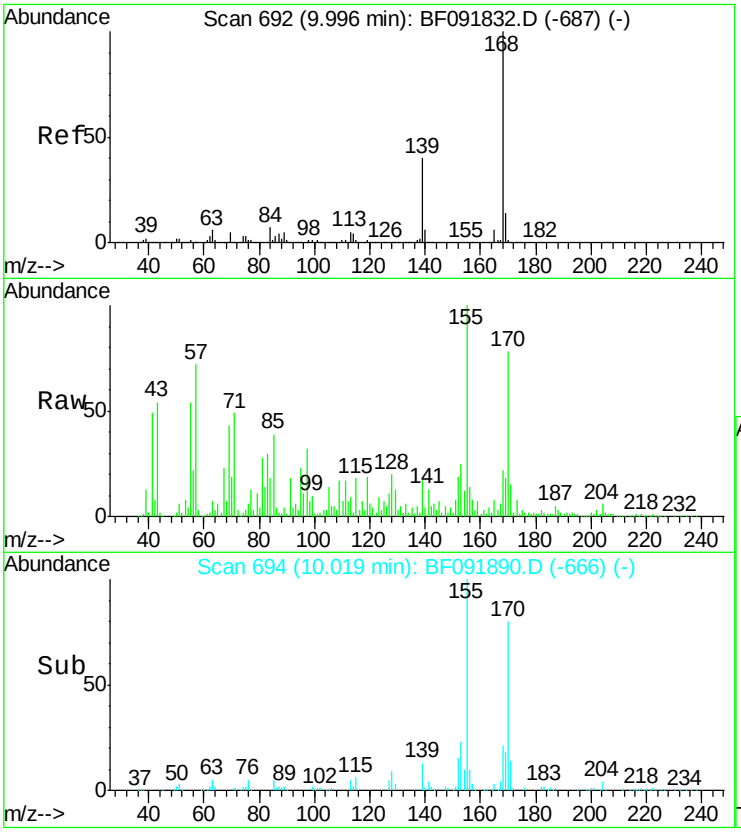


#52
3-Nitroaniline
Concen: 6.24 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.02 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion:138 Resp: 21300

Ion	Ratio	Lower	Upper
138	100		
108	84.7	8.5	12.7#
92	72.7	97.8	146.8#



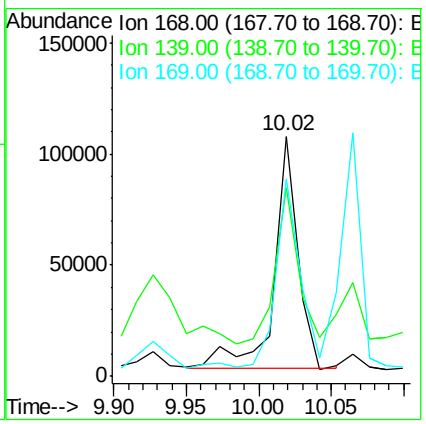


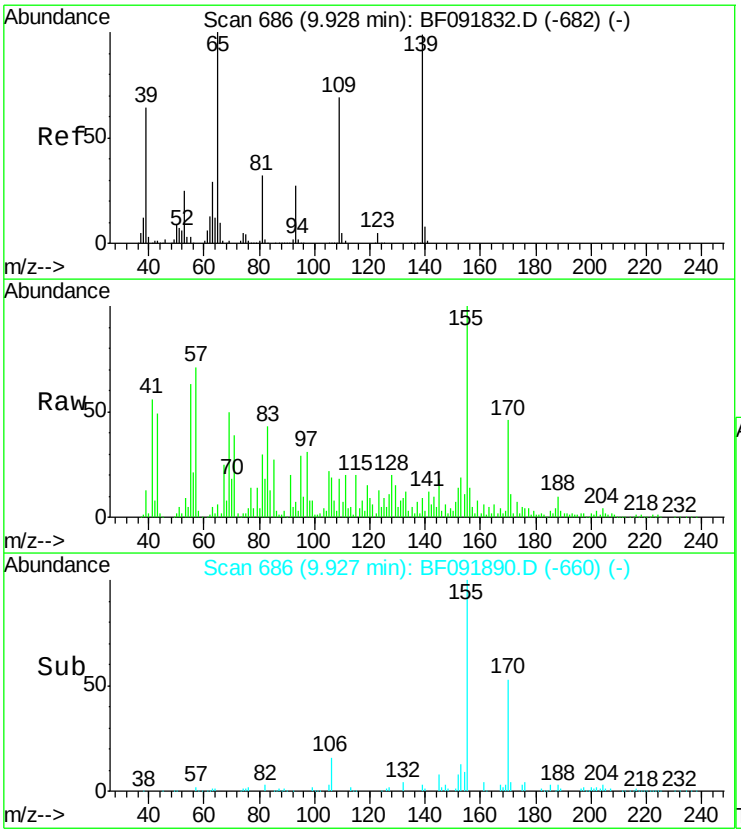
#54
Dibenzofuran
Concen: 7.93 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.02 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion:168 Resp: 119275

Ion	Ratio	Lower	Upper
168	100		
139	78.3	32.6	49.0#
169	82.4	11.3	16.9#

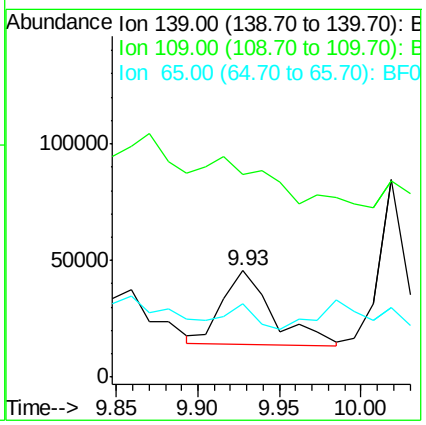


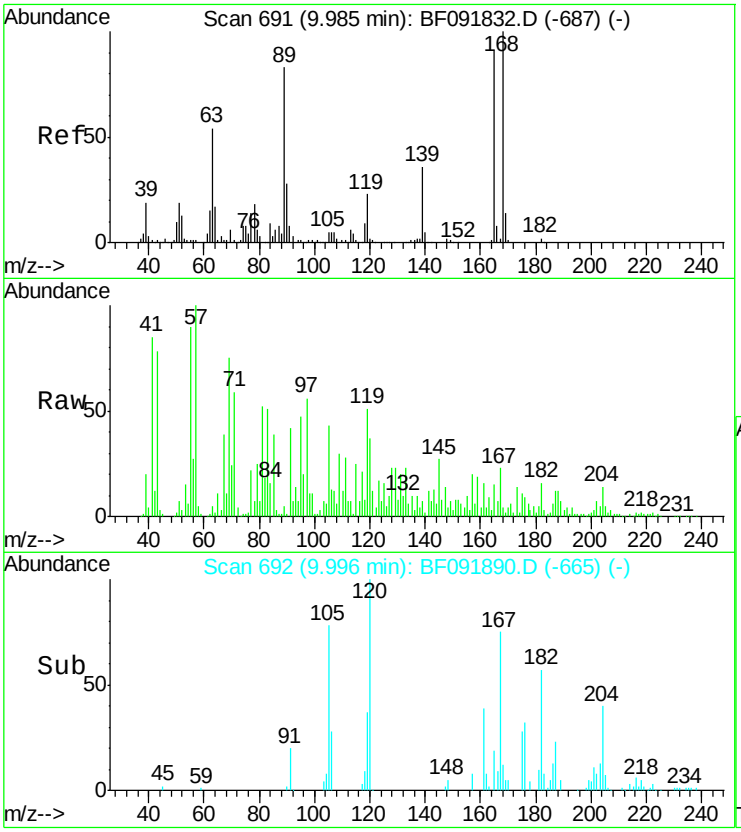


#55
4-Nitrophenol
Concen: 28.59 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion:139 Resp: 66243

Ion	Ratio	Lower	Upper
139	100		
109	190.3	52.2	92.2#
65	68.5	85.8	125.8#



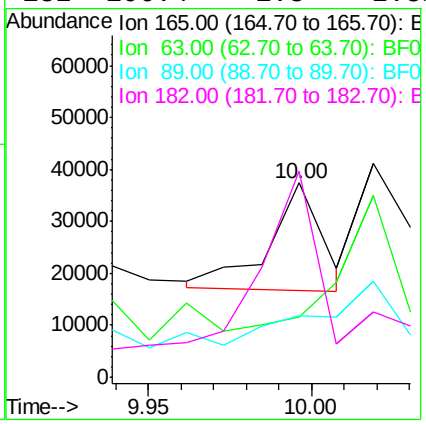


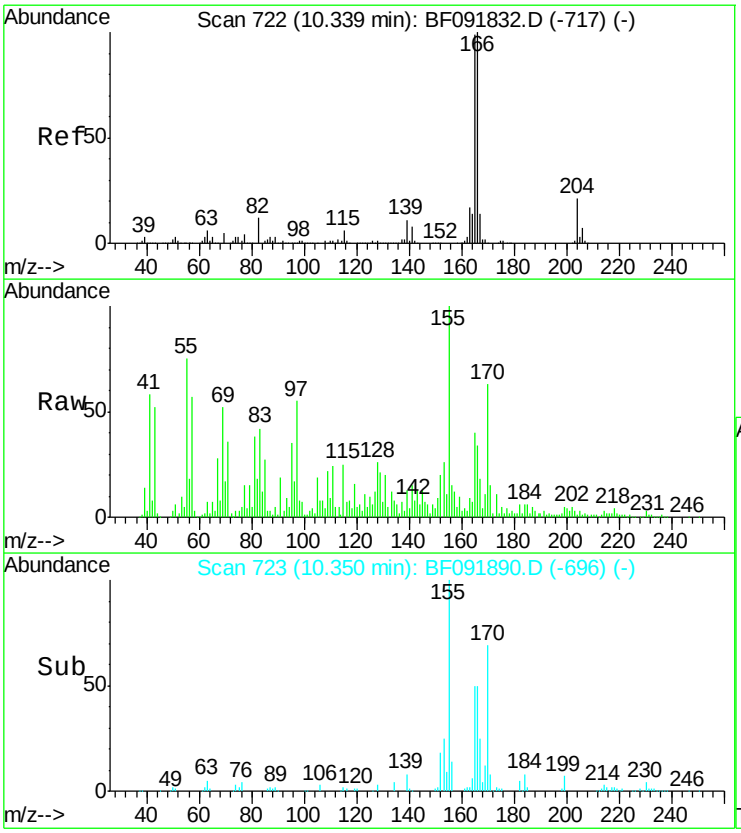
#56
2,4-Dinitrotoluene
Concen: 6.73 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion:165 Resp: 23295

Ion	Ratio	Lower	Upper
165	100		
63	30.8	40.2	60.4#
89	31.5	62.5	93.7#
182	106.4	1.8	2.8#

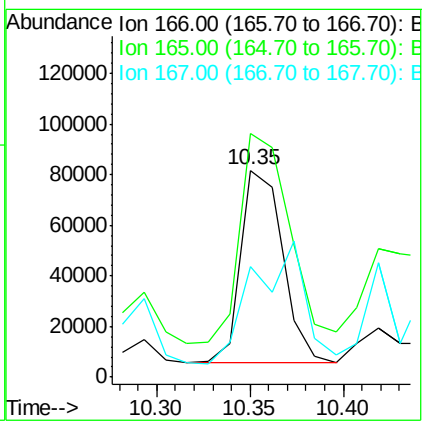


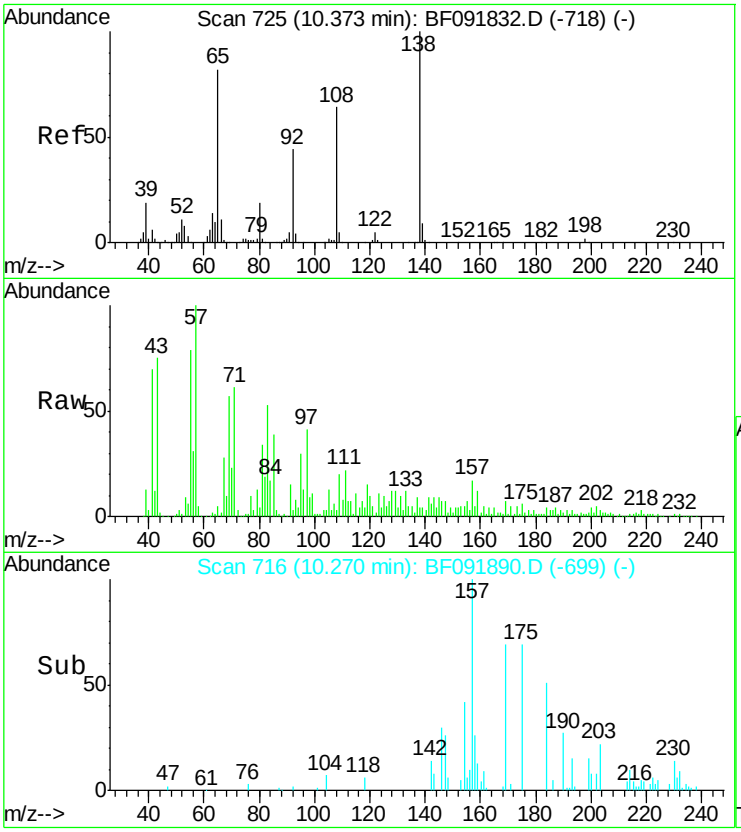


#57
Fluorene
Concen: 10.85 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion:166 Resp: 118744

Ion	Ratio	Lower	Upper
166	100		
165	117.8	77.8	116.8#
167	53.2	10.8	16.2#



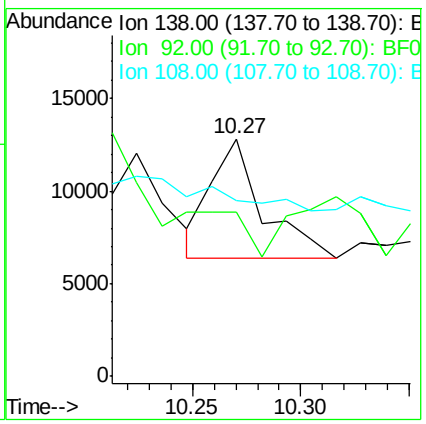


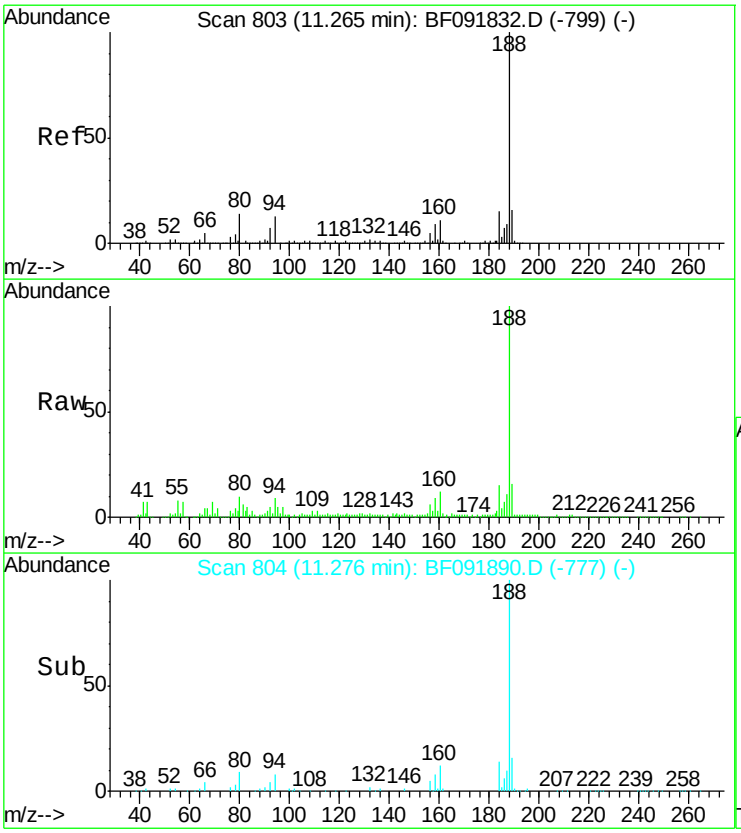
#61
4-Nitroaniline
Concen: 3.02 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.10 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion:138 Resp: 10692

Ion	Ratio	Lower	Upper
138	100		
92	69.2	31.7	71.7
108	73.9	52.6	92.6

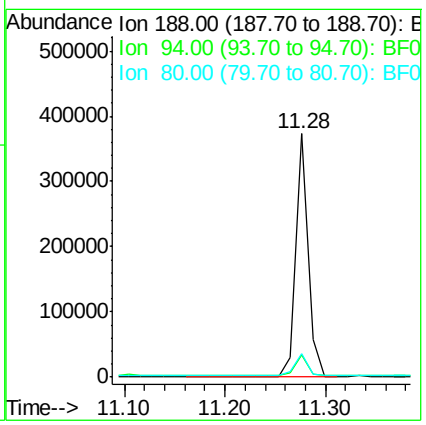


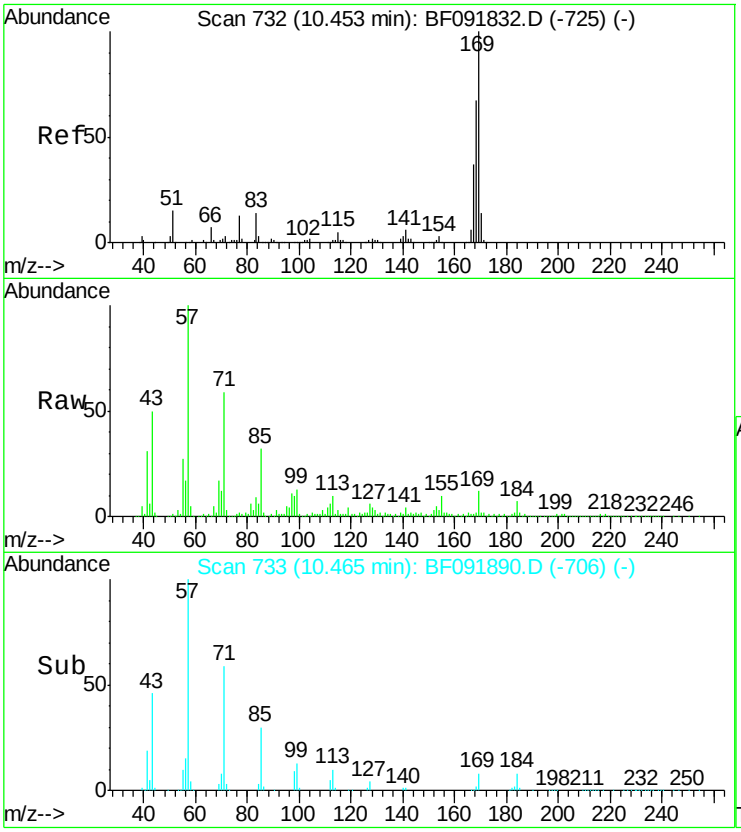


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion:188 Resp: 316999

Ion	Ratio	Lower	Upper
188	100		
94	9.0	10.0	15.0#
80	9.9	11.2	16.8#



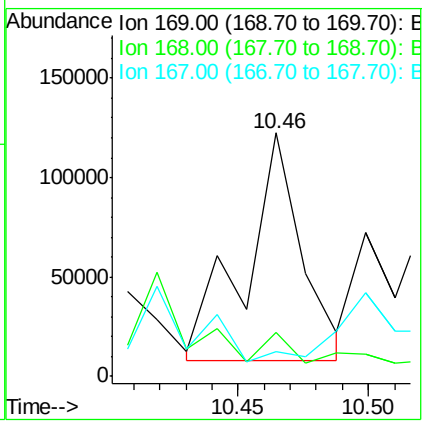


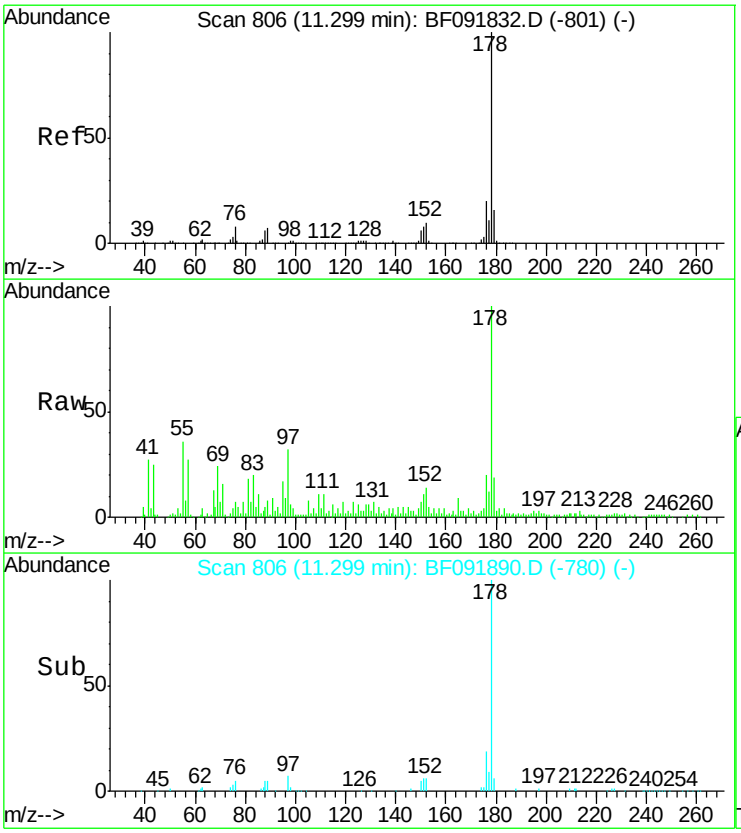
#65
n-Nitrosodiphenylamine
Concen: 18.41 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion:169 Resp: 173208

Ion	Ratio	Lower	Upper
169	100		
168	17.9	54.2	81.2#
167	10.3	30.2	45.4#

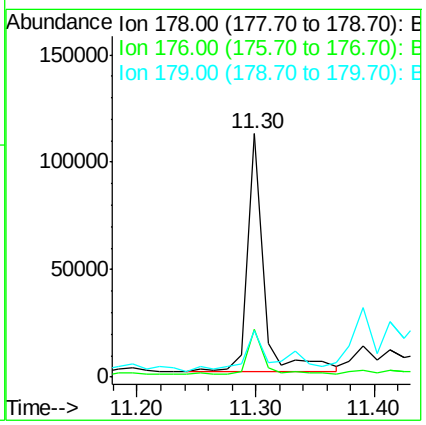


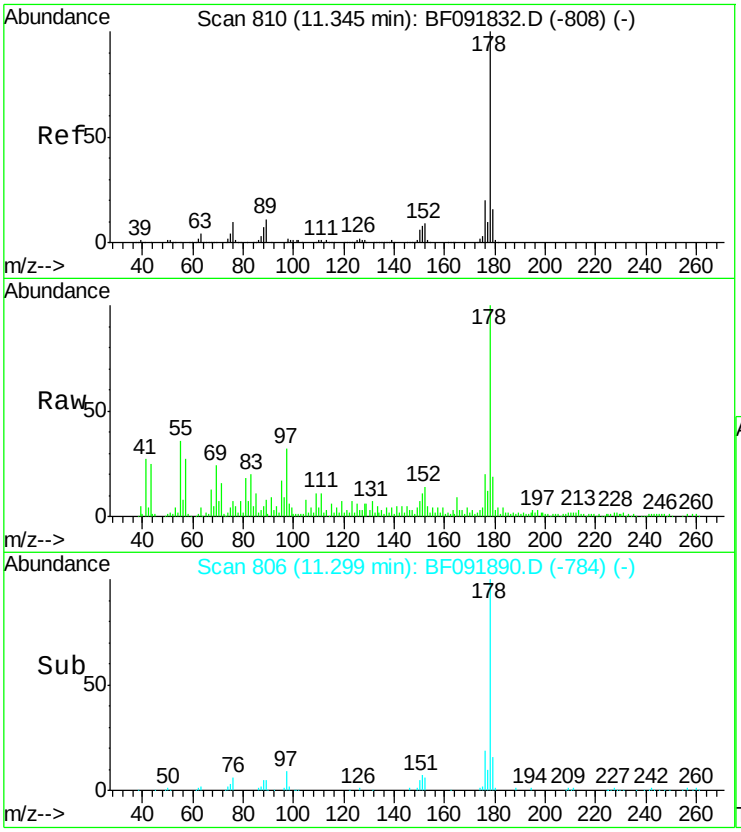


#70
Phenanthrene
Concen: 6.29 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion:178 Resp: 108103

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.6	25.0
179	19.3	12.8	19.2#



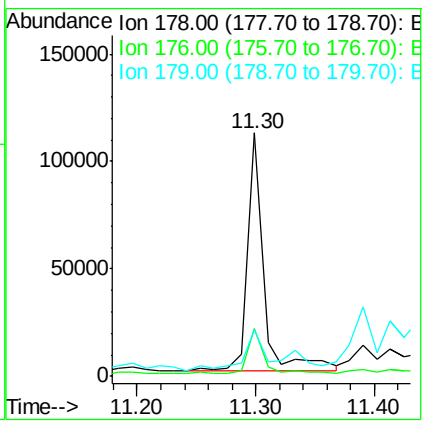


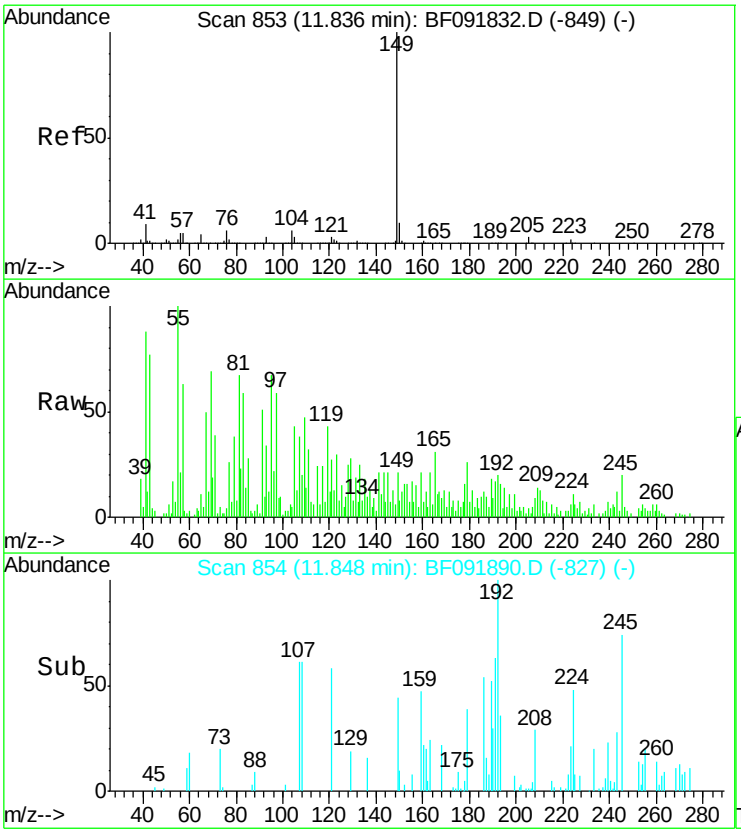
#71
Anthracene
Concen: 5.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.04 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion:178 Resp: 108103

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	19.3	13.2	19.8

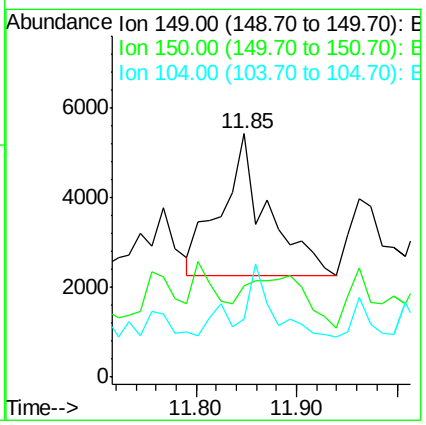


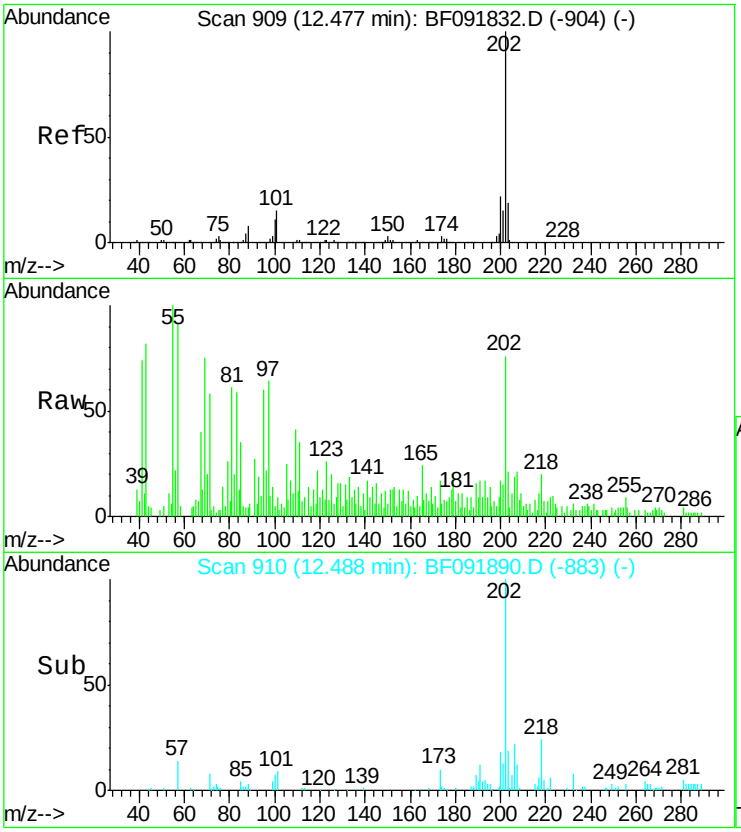


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.85 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion:149 Resp: 10204

Ion	Ratio	Lower	Upper
149	100		
150	37.4	8.1	12.1#
104	23.6	4.6	7.0#



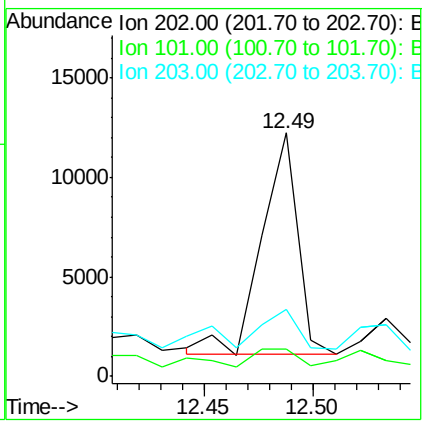


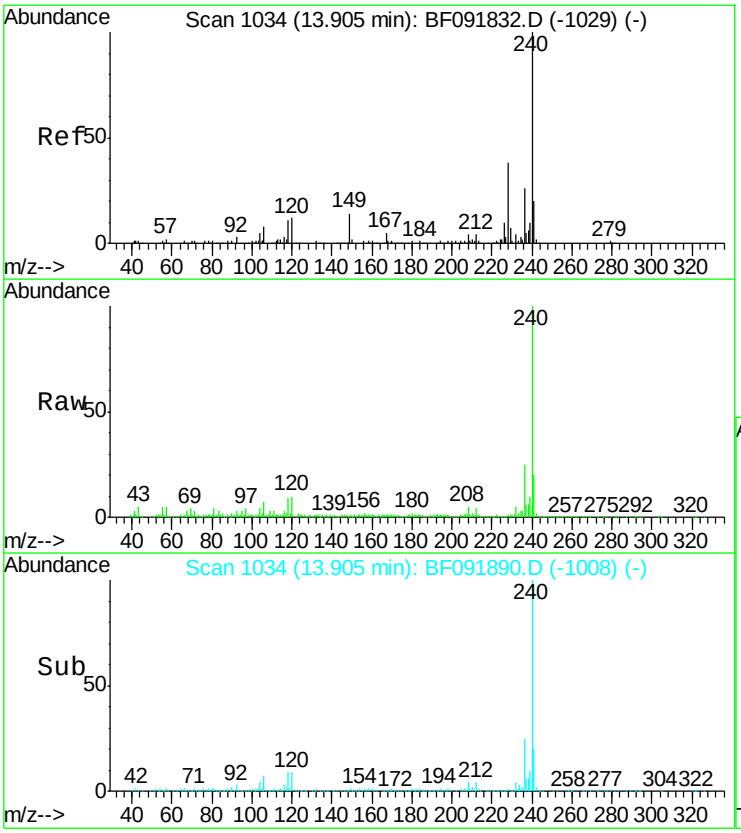
#74
Fluoranthene
Concen: Below Cal
RT: 12.49 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion:202 Resp: 12913

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.6
203	27.7	0.0	38.7

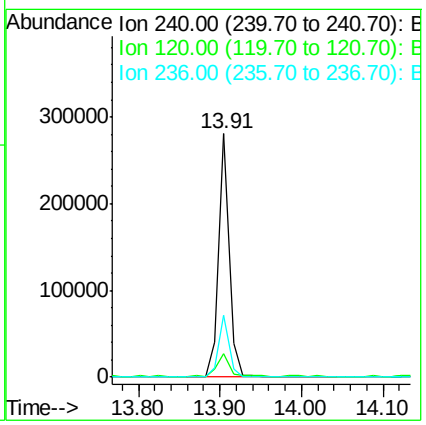


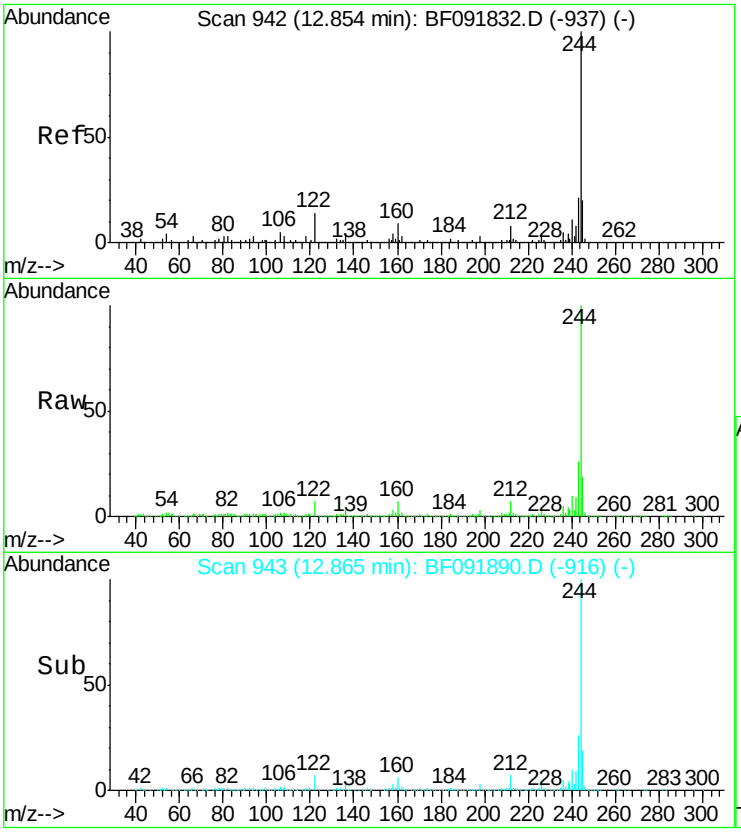


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion:240 Resp: 254770

Ion	Ratio	Lower	Upper
240	100		
120	9.6	12.9	19.3#
236	25.4	20.9	31.3



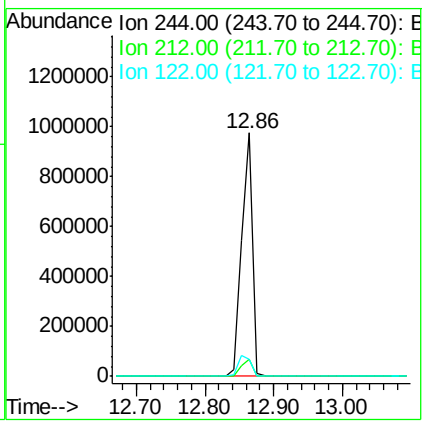


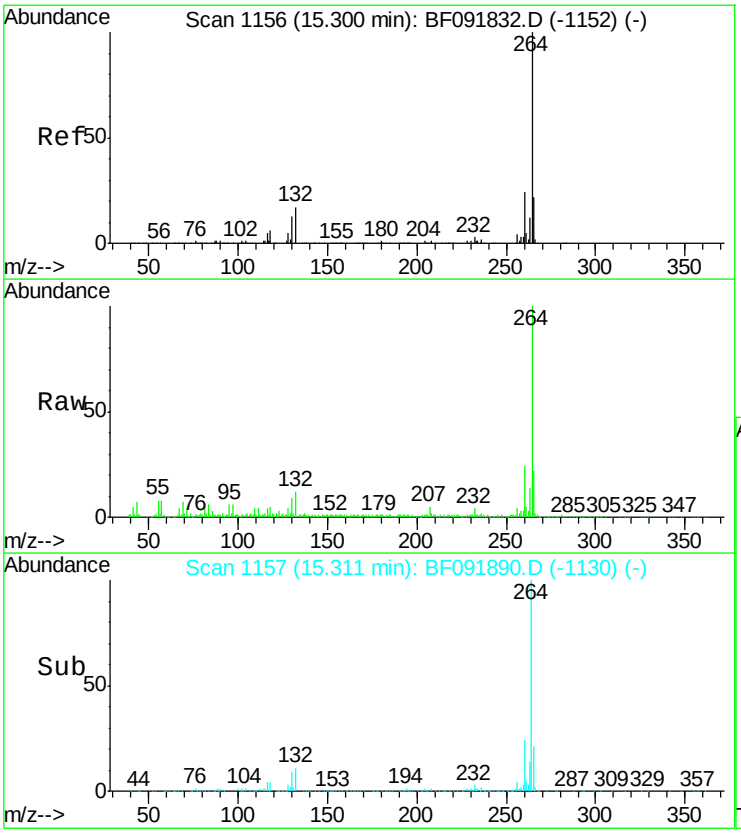
#78
Terphenyl-d14
Concen: 102.43 ng
RT: 12.86 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tgt Ion:244 Resp: 1075999

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.2
122	7.2	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion:264 Resp: 225986

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	17.4	26.0