Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
Data File : BF091809.D
Acq On : 20 Dec 2016 10:14
Operator : UM/SJ
Sample : H6147-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-28

Quant Time: Dec 20 23:36:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	221750	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	806888	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	429047	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	651835	20.00	ng	0.00
75) Chrysene-d12	13.92	240	675847	20.00	ng	-0.01
86) Perylene-d12	15.31	264	529054	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1064672	80.44	ng	0.00
7) Phenol-d6	6.43	99	889818	55.12	ng	0.01
23) Nitrobenzene-d5	7.33	82	1620880	115.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	519497	142.79	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	1901806	89.05	ng	-0.01
78) Terphenyl-d14	12.88	244	2035187	76.03	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.33	77	1381	Below Cal		# 1
15) Benzyl Alcohol	6.92	79	30079	2.41	ng	# 37
19) n-Nitroso-di-n-propylamine	7.16	70	33791	3.15	ng	# 49
25) Isophorone	7.57	82	56874	2.13	ng	# 17
33) 4-Chloroaniline	8.14	127	50409	3.10	ng	# 52
35) Caprolactam	8.48	113	38250	10.90	ng	# 1
36) 4-Chloro-3-methylphenol	8.65	107	30022	2.50	ng	# 39
52) 3-Nitroaniline	9.81	138	94701	12.38	ng	# 29
55) 4-Nitrophenol	9.88	139	54334	10.23	ng	# 1
59) Diethylphthalate	10.21	149	80348	2.92	ng	# 13
62) Azobenzene	10.48	77	118355	4.04	ng	# 41
66) 4-Bromophenyl-phenylether	10.60	248	31450	4.60	ng	# 1

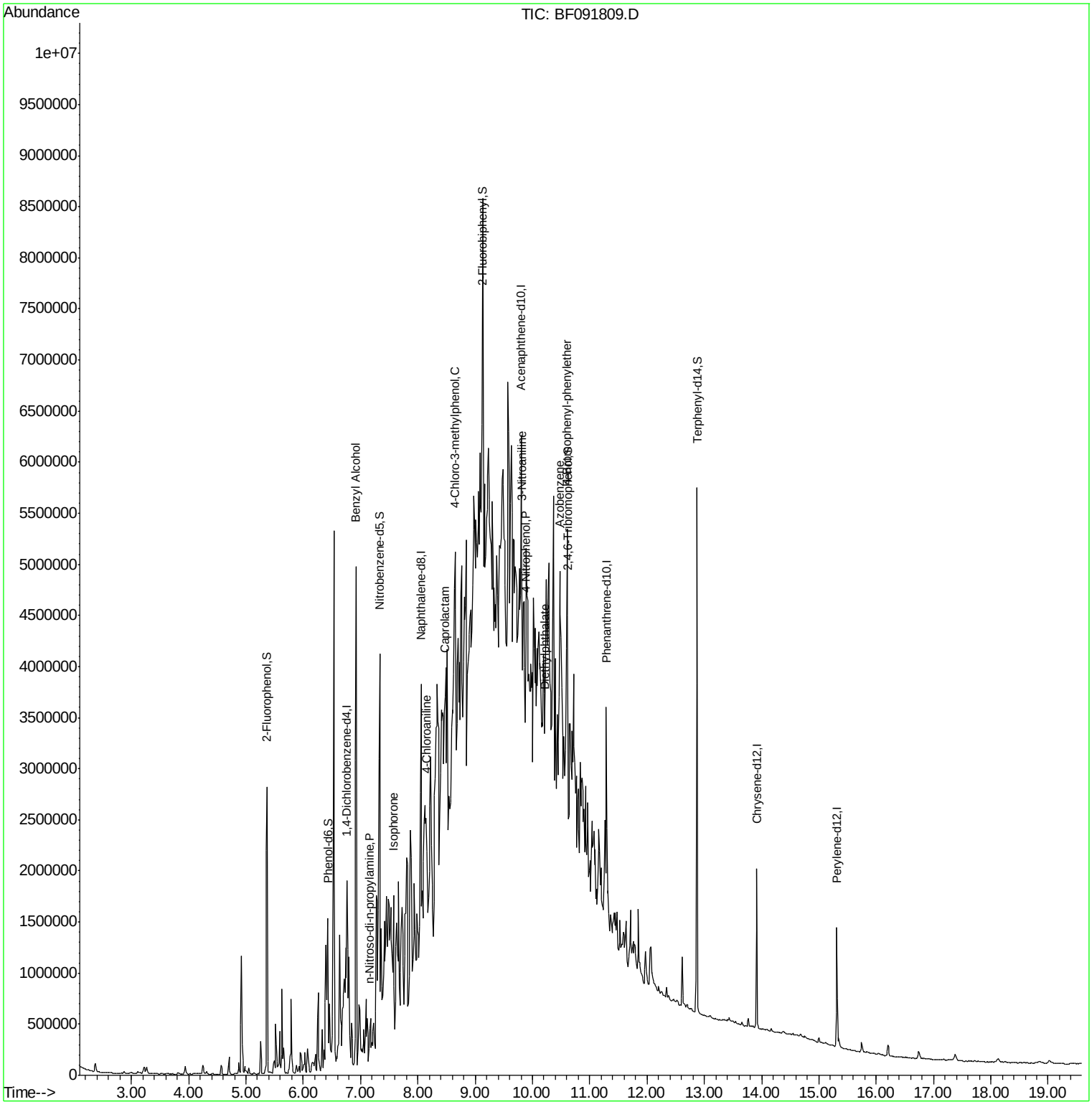
(#) = qualifier out of range (m) = manual integration (+) = signals summed

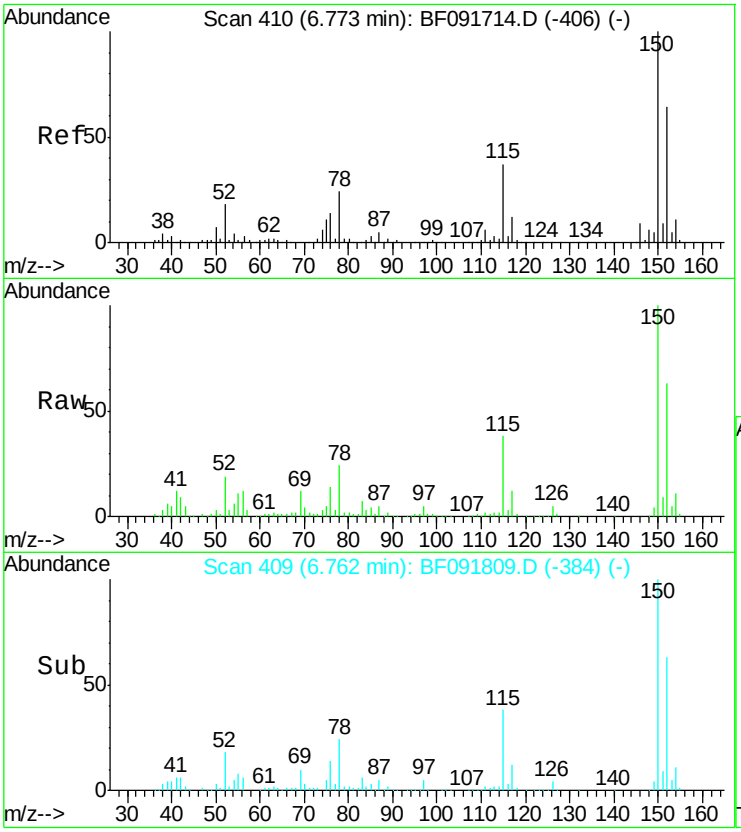
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
Data File : BF091809.D
Acq On : 20 Dec 2016 10:14
Operator : UM/SJ
Sample : H6147-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-28

Quant Time: Dec 20 23:36:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration



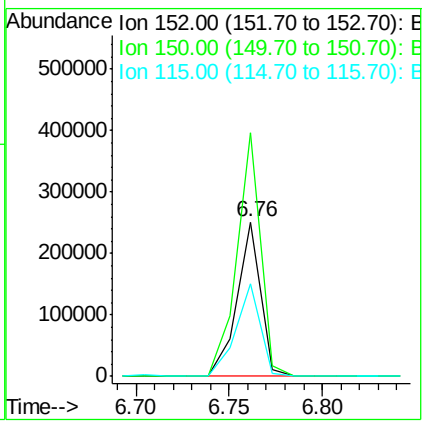


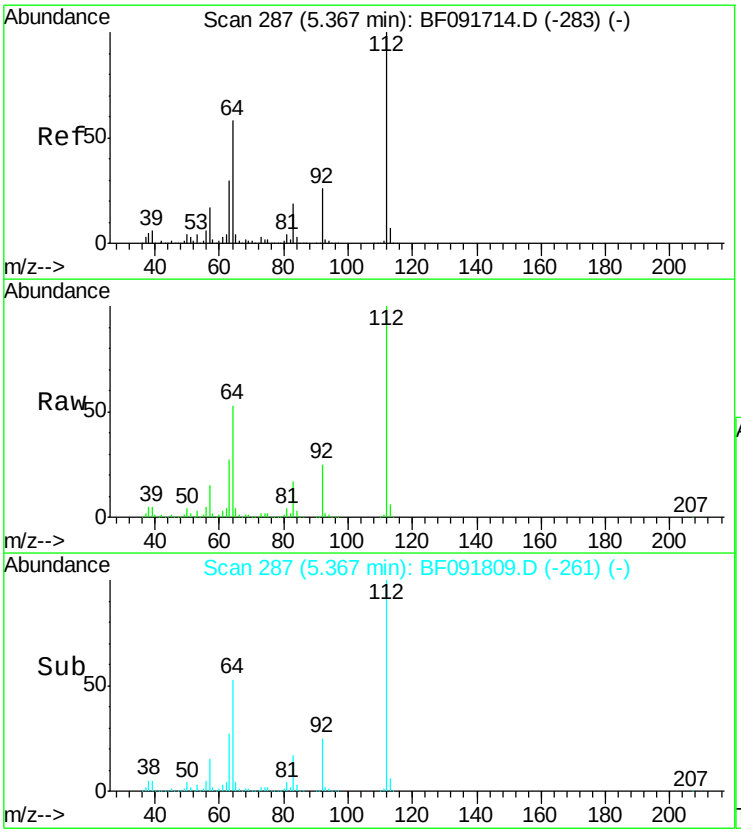
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Instrument :
BNA_F
ClientSampleId :
MW-28

Tgt Ion:152 Resp: 221750

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.9	187.3
115	59.7	46.0	69.0

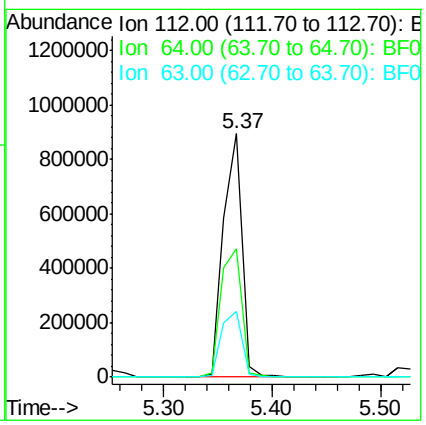


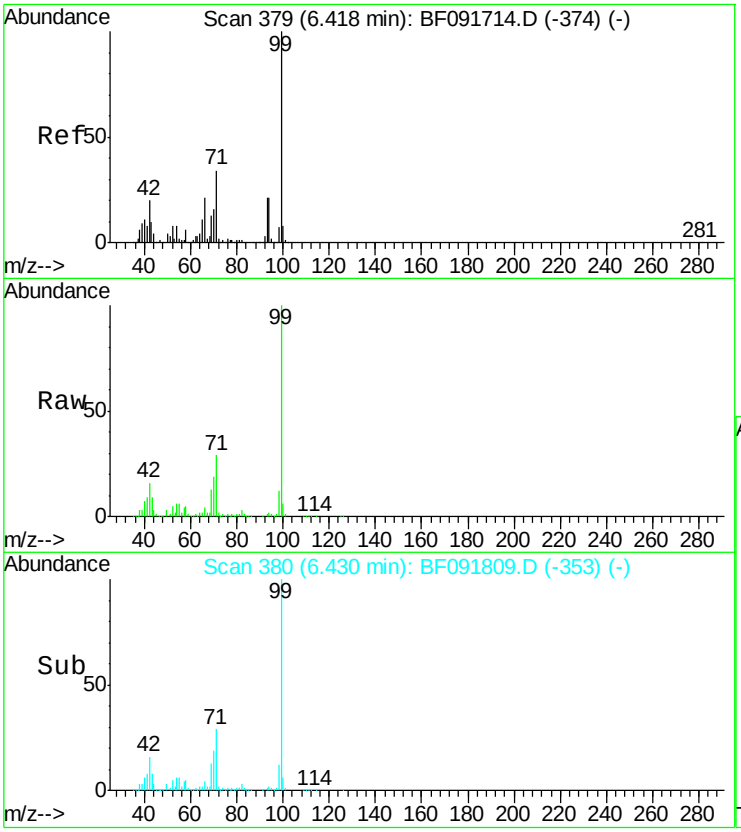


#5
2-Fluorophenol
Concen: 80.44 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Tgt Ion:112 Resp: 1064672

Ion	Ratio	Lower	Upper
112	100		
64	52.9	46.1	69.1
63	26.9	23.8	35.6



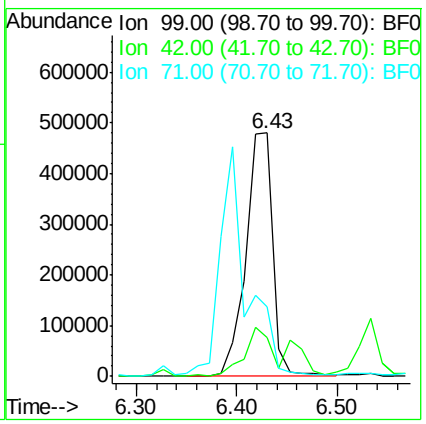


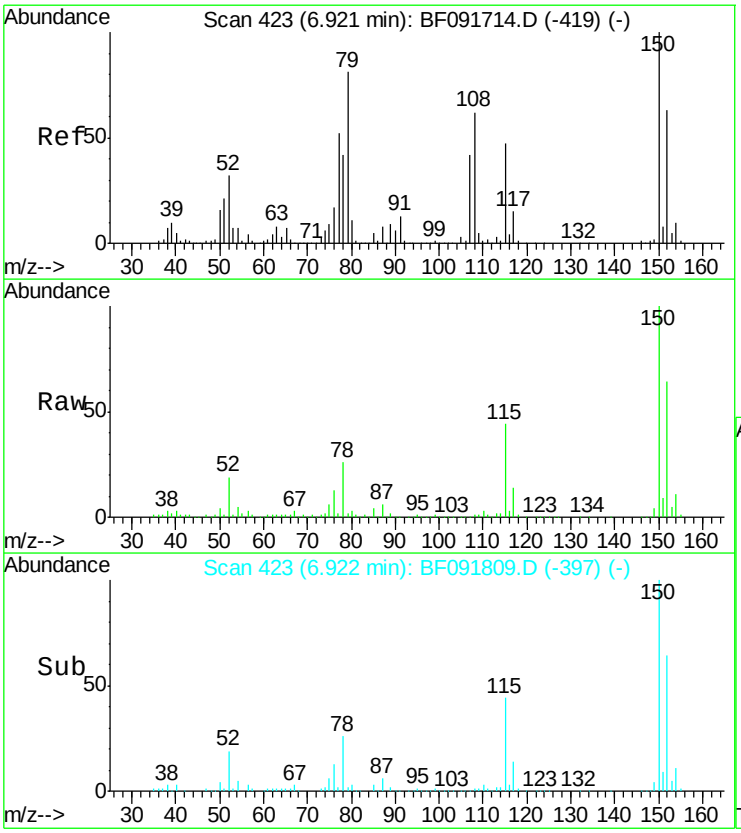
#7
Phenol-d6
Concen: 55.12 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.01 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Instrument :
BNA_F
ClientSampleId :
MW-28

Tgt Ion: 99 Resp: 889818

Ion	Ratio	Lower	Upper
99	100		
42	15.9	15.6	23.4
71	28.7	27.5	41.3

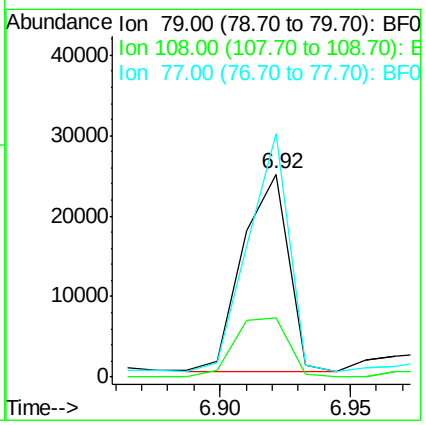


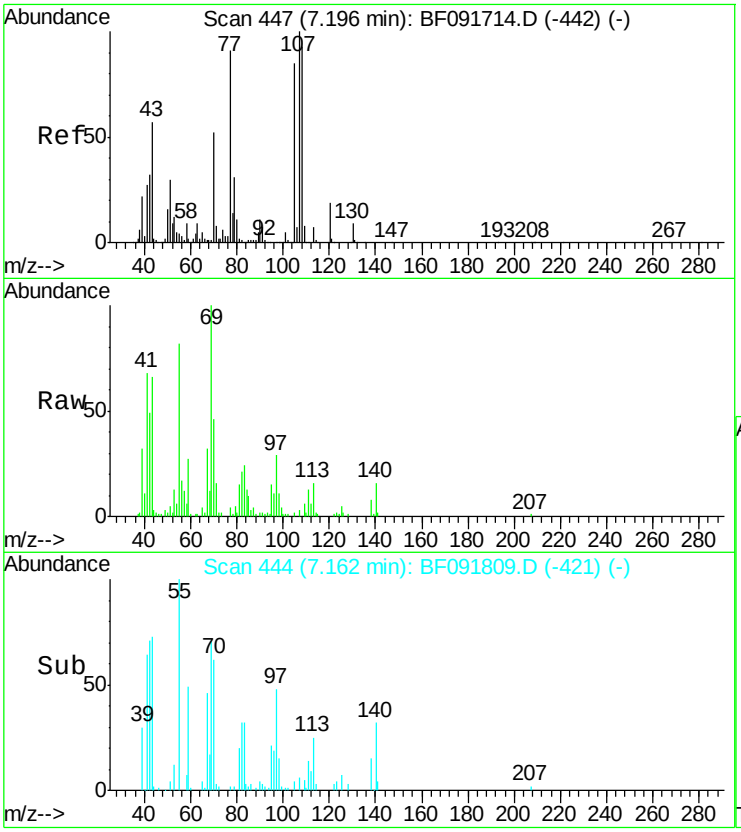


#15
Benzyl Alcohol
Concen: 2.41 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Tgt Ion: 79 Resp: 30079

Ion	Ratio	Lower	Upper
79	100		
108	29.1	61.4	92.0#
77	120.1	50.9	76.3#



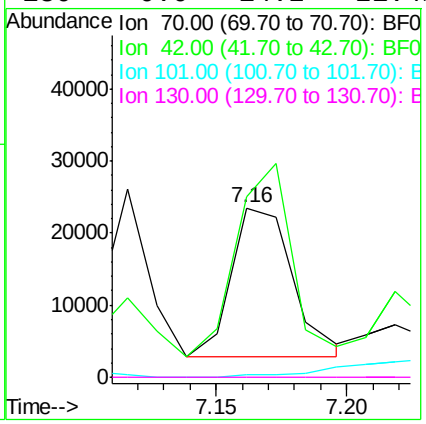


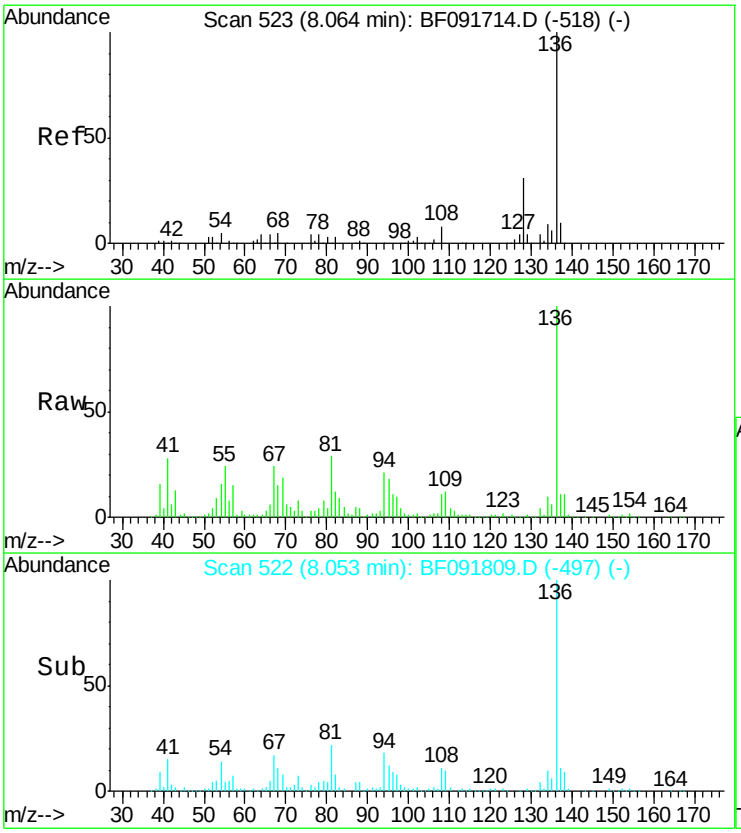
#19
n-Nitroso-di-n-propylamine
Concen: 3.15 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Instrument :
BNA_F
ClientSampleId :
MW-28

Tgt Ion: 70 Resp: 33791

Ion	Ratio	Lower	Upper
70	100		
42	106.7	49.4	74.0#
101	1.3	7.4	11.2#
130	0.0	14.2	21.4#

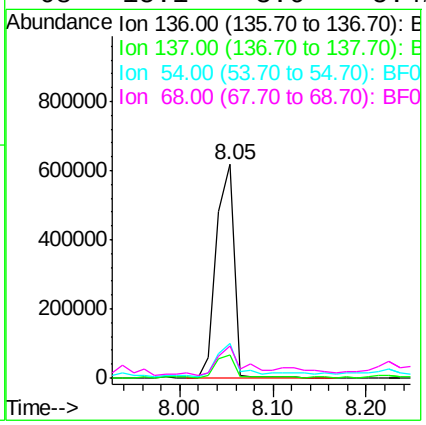


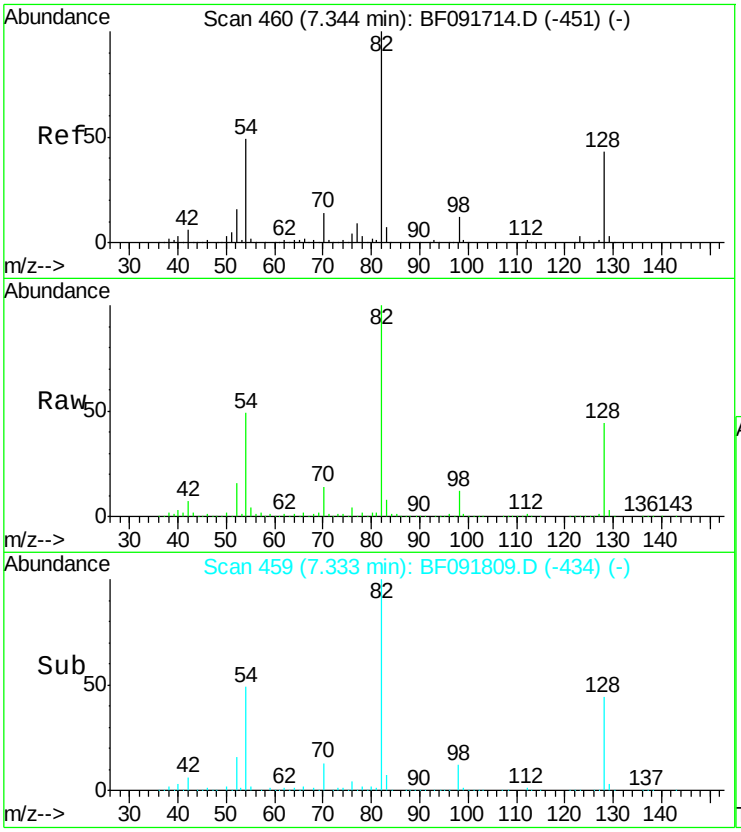


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Tgt Ion:136 Resp: 806888

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	16.3	4.5	6.7#
68	15.1	3.6	5.4#



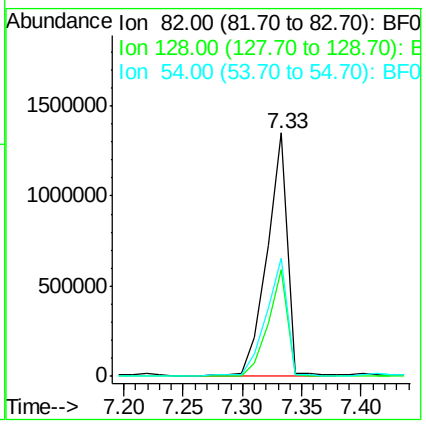


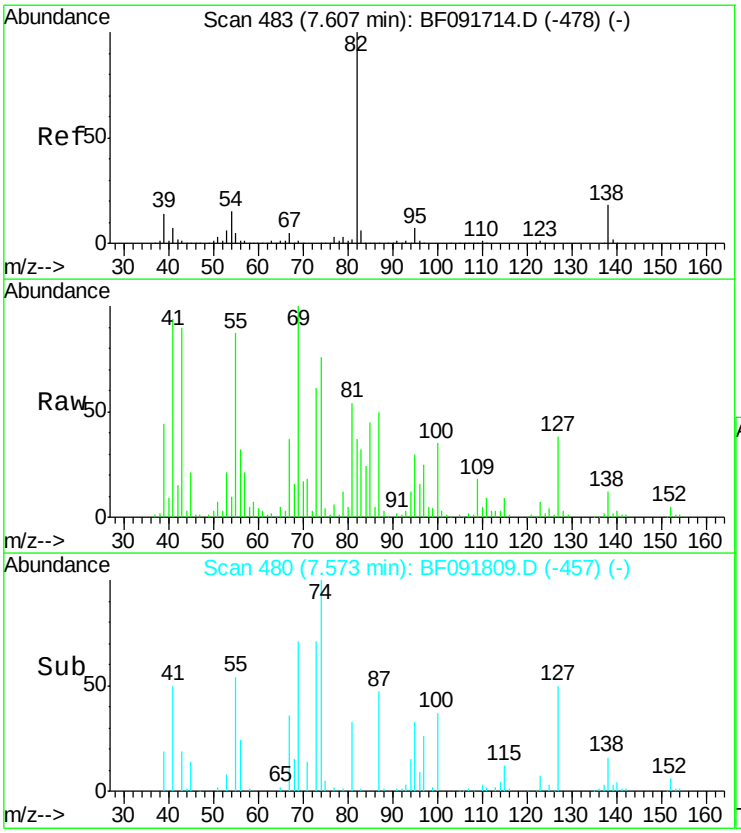
#23
Nitrobenzene-d5
Concen: 115.84 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Instrument :
BNA_F
ClientSampleId :
MW-28

Tgt Ion: 82 Resp: 1620880

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	52.0
54	48.7	39.5	59.3

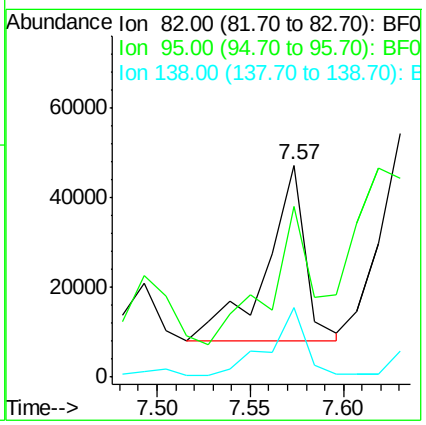


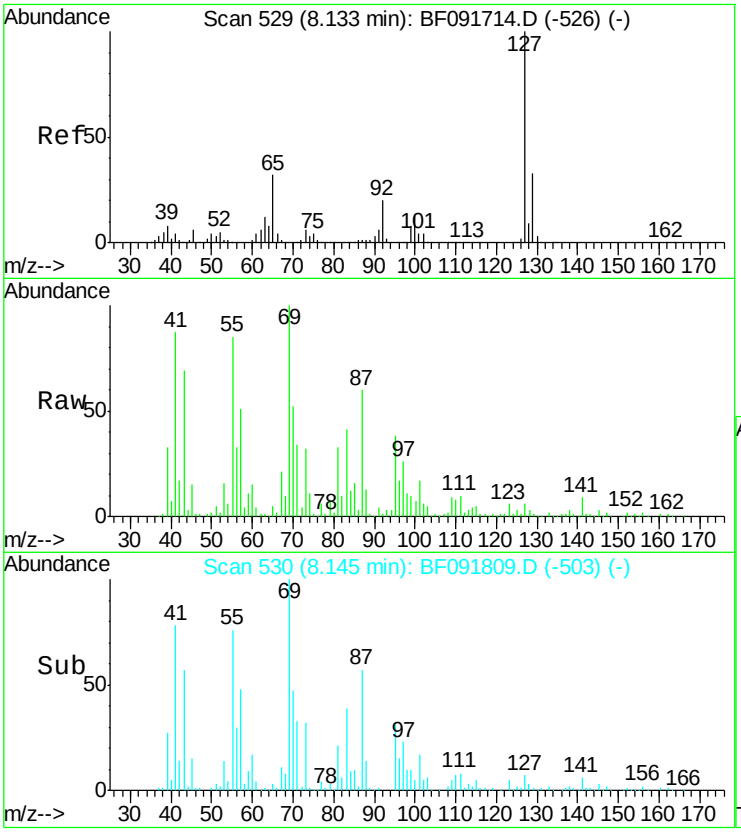


#25
Isophorone
Concen: 2.13 ng
RT: 7.57 min Scan# 480
Delta R.T. -0.03 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Tgt Ion: 82 Resp: 56874

Ion	Ratio	Lower	Upper
82	100		
95	80.8	5.6	8.4#
138	32.8	14.6	22.0#



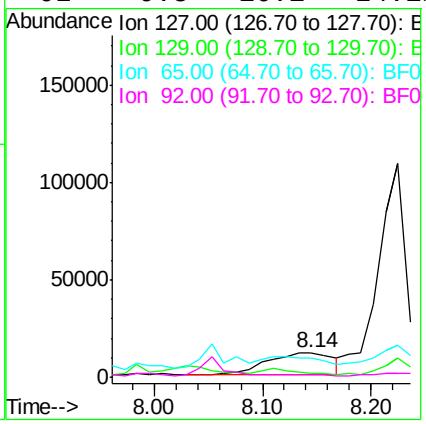


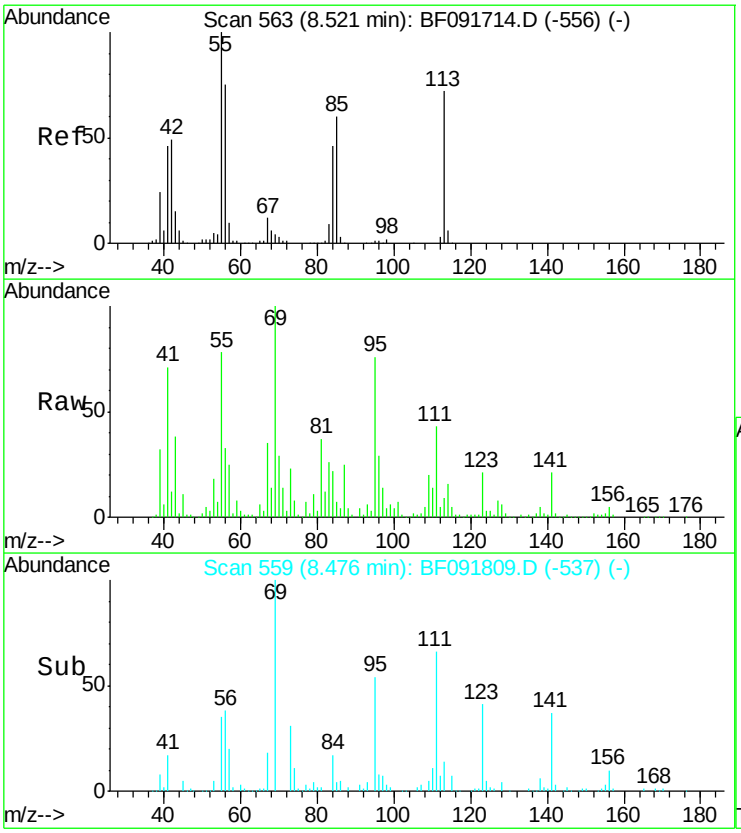
#33
4-Chloroaniline
Concen: 3.10 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Instrument :
BNA_F
ClientSampleId :
MW-28

Tgt Ion:127 Resp: 50409

Ion	Ratio	Lower	Upper
127	100		
129	16.9	26.3	39.5#
65	78.2	25.8	38.8#
92	9.3	16.1	24.1#

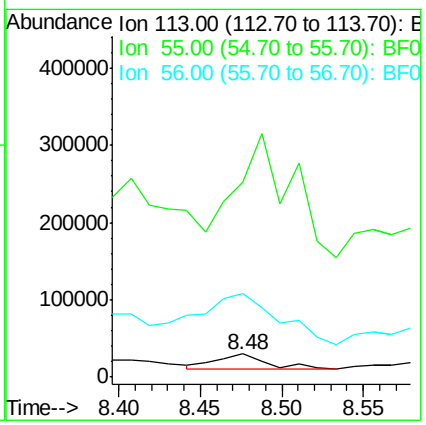


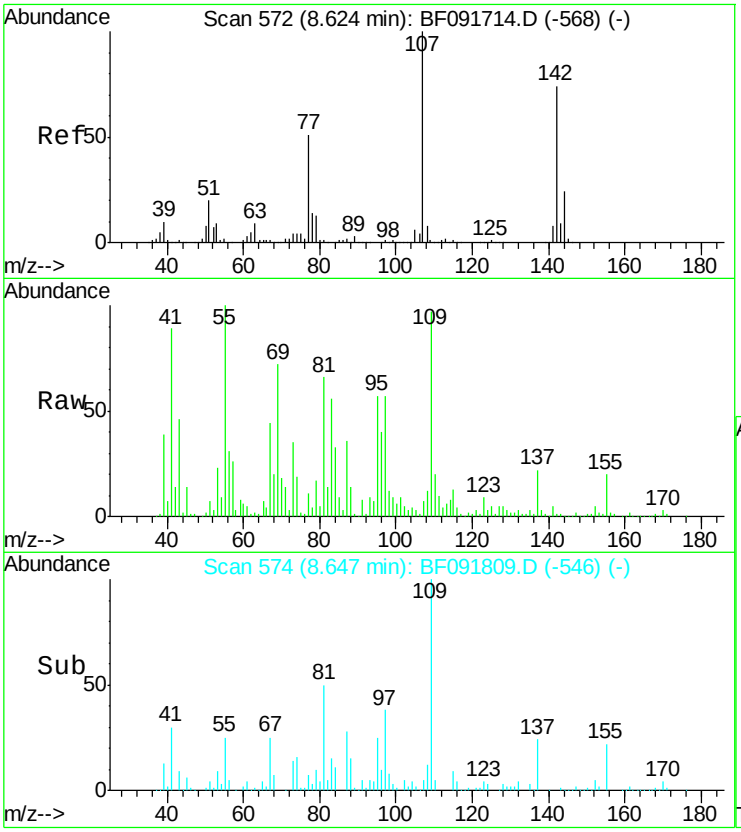


#35
Caprolactam
Concen: 10.90 ng
RT: 8.48 min Scan# 559
Delta R.T. -0.05 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Tgt Ion:113 Resp: 38250

Ion	Ratio	Lower	Upper
113	100		
55	852.4	119.2	159.2#
56	362.4	83.8	123.8#



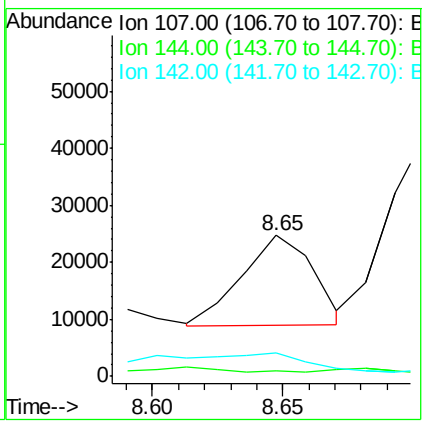


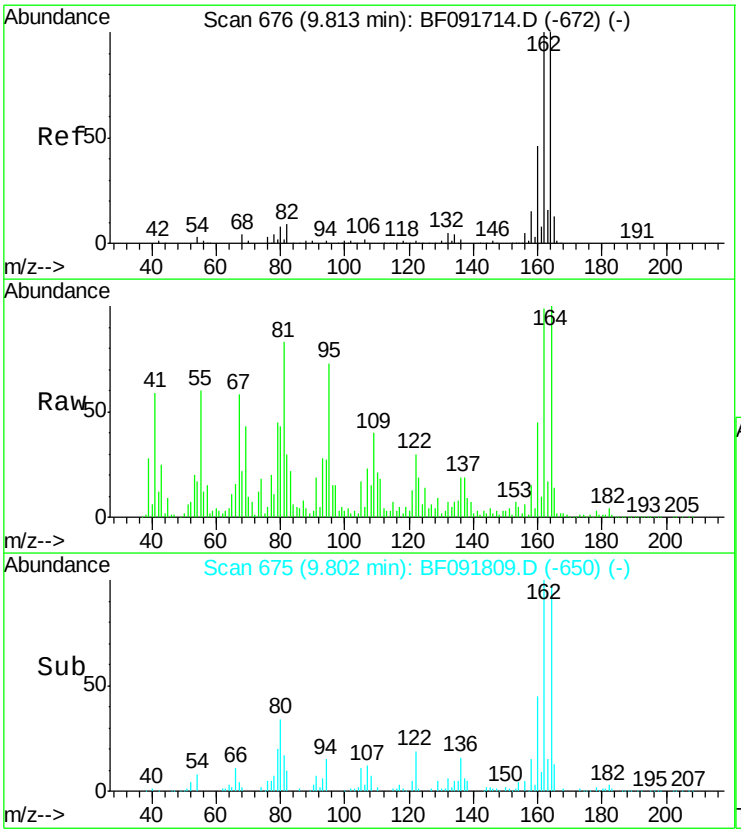
#36
4-Chloro-3-methylphenol
Concen: 2.50 ng
RT: 8.65 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Instrument :
BNA_F
ClientSampleId :
MW-28

Tgt Ion:107 Resp: 30022

Ion	Ratio	Lower	Upper
107	100		
144	3.7	19.3	28.9#
142	16.6	59.0	88.6#

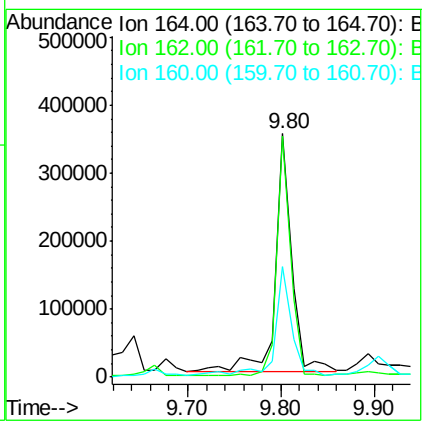


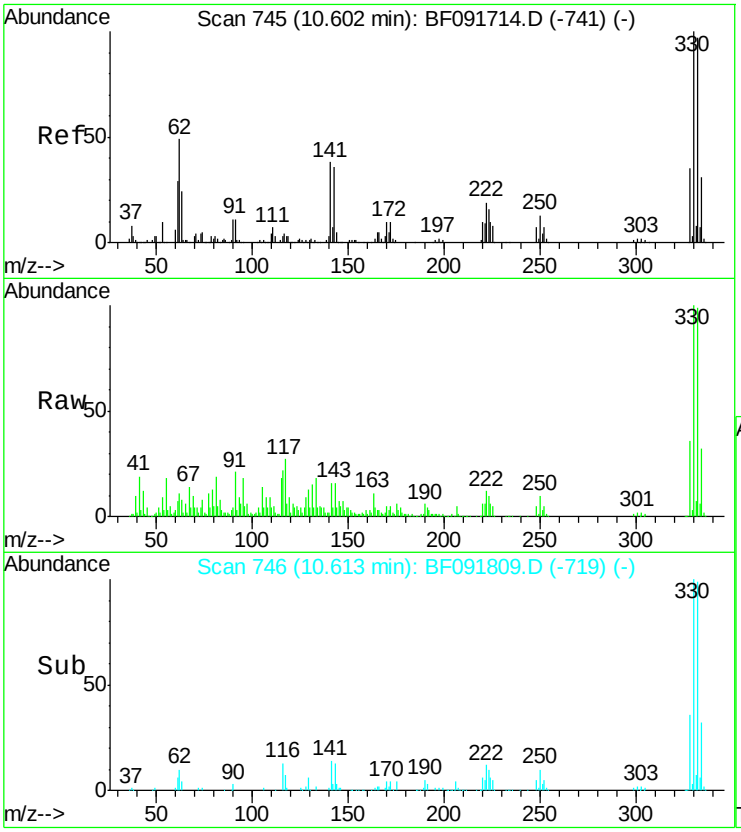


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Tgt Ion:164 Resp: 429047

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.2	120.2
160	45.4	36.9	55.3



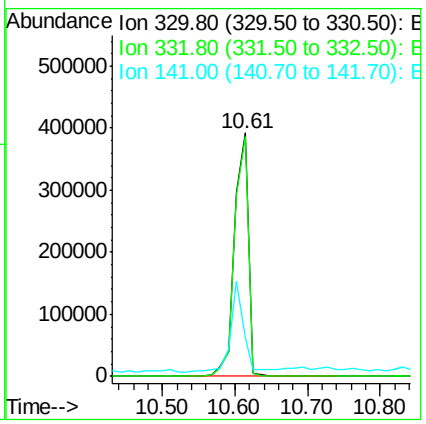


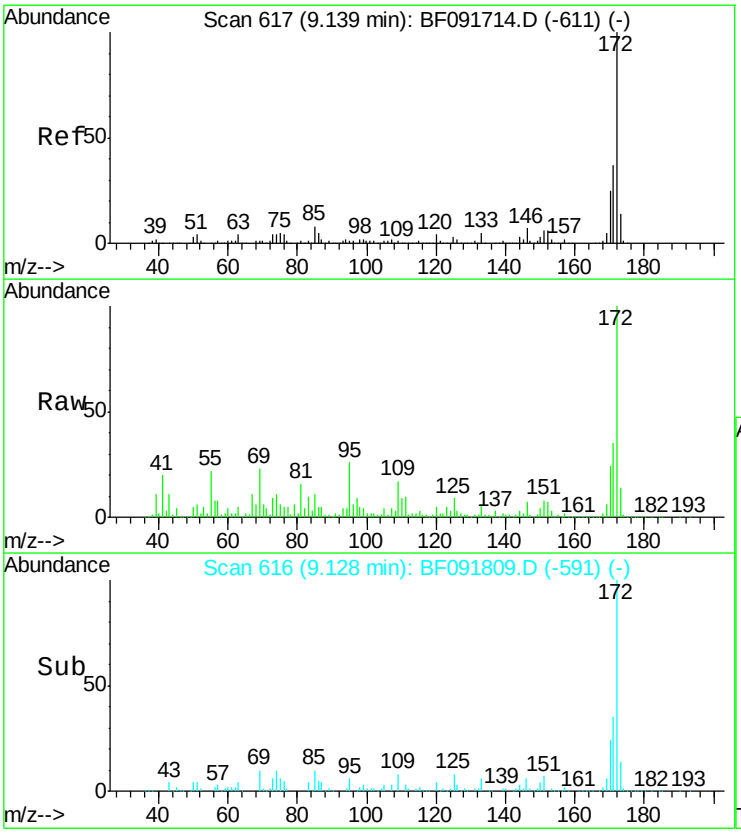
#41
2,4,6-Tribromophenol
Concen: 142.79 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Instrument :
BNA_F
ClientSampleId :
MW-28

Tgt Ion:330 Resp: 519497

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.4	116.2
141	35.0	34.1	51.1

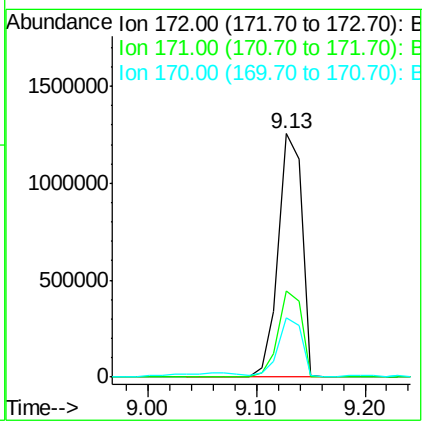


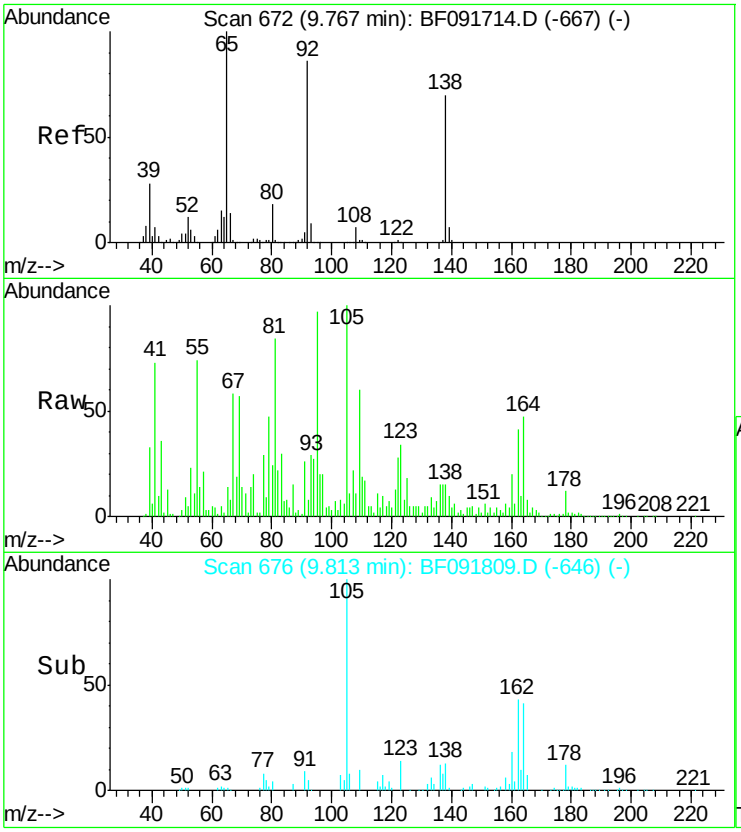


#44
2-Fluorobiphenyl
Concen: 89.05 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Tgt Ion:172 Resp: 1901806

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	24.2	20.2	30.4



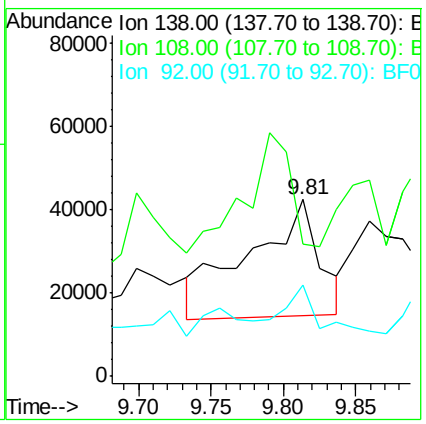


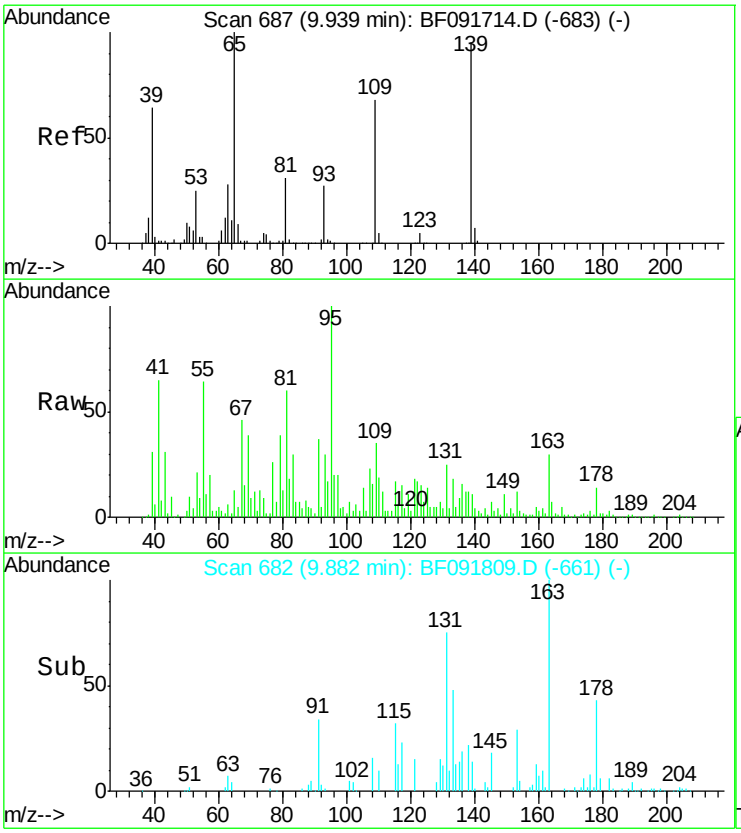
#52
3-Nitroaniline
Concen: 12.38 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.05 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Instrument :
BNA_F
ClientSampleId :
MW-28

Tgt Ion:138 Resp: 94701

Ion	Ratio	Lower	Upper
138	100		
108	74.8	8.5	12.7#
92	51.8	97.8	146.8#

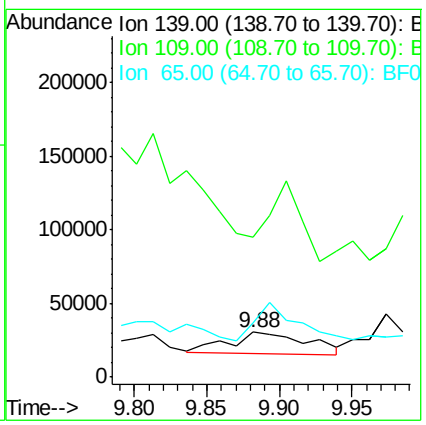


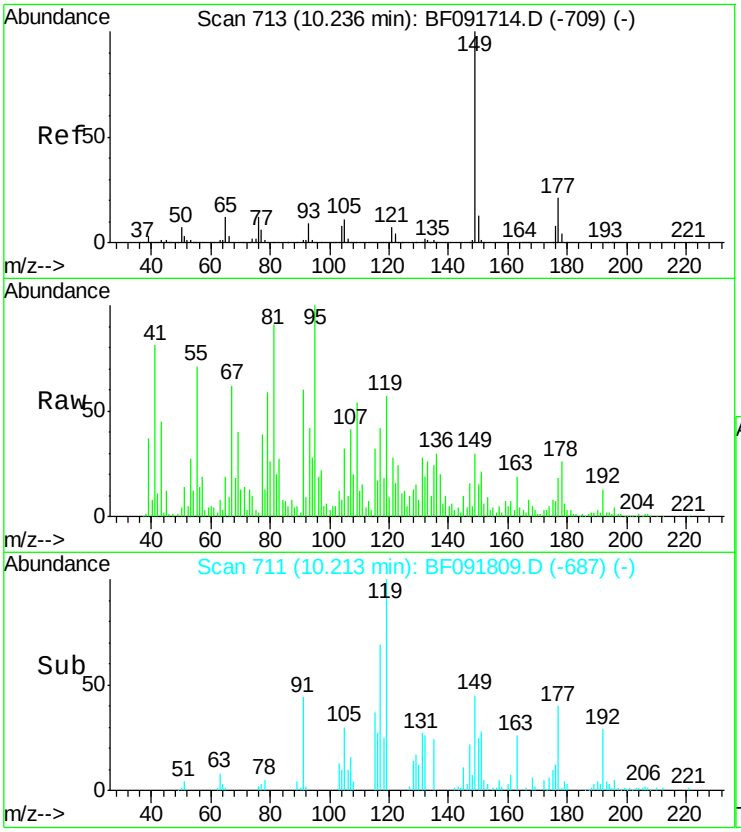


#55
4-Nitrophenol
Concen: 10.23 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.06 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Tgt Ion:139 Resp: 54334

Ion	Ratio	Lower	Upper
139	100		
109	313.5	52.2	92.2#
65	121.4	85.8	125.8



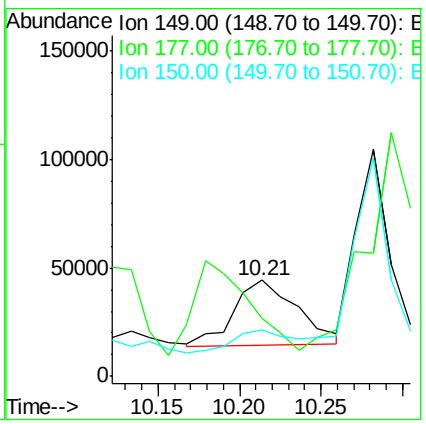


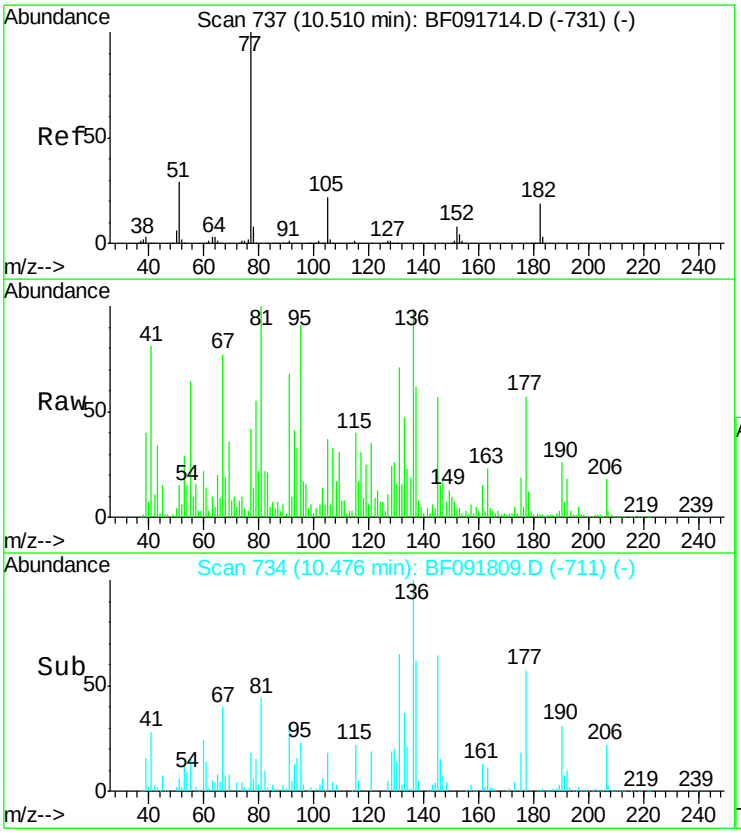
#59
Diethylphthalate
Concen: 2.92 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Instrument :
BNA_F
ClientSampleId :
MW-28

Tgt Ion:149 Resp: 80348

Ion	Ratio	Lower	Upper
149	100		
177	61.0	16.6	25.0#
150	48.6	10.4	15.6#

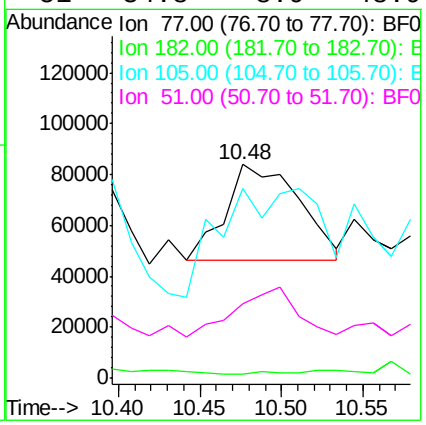


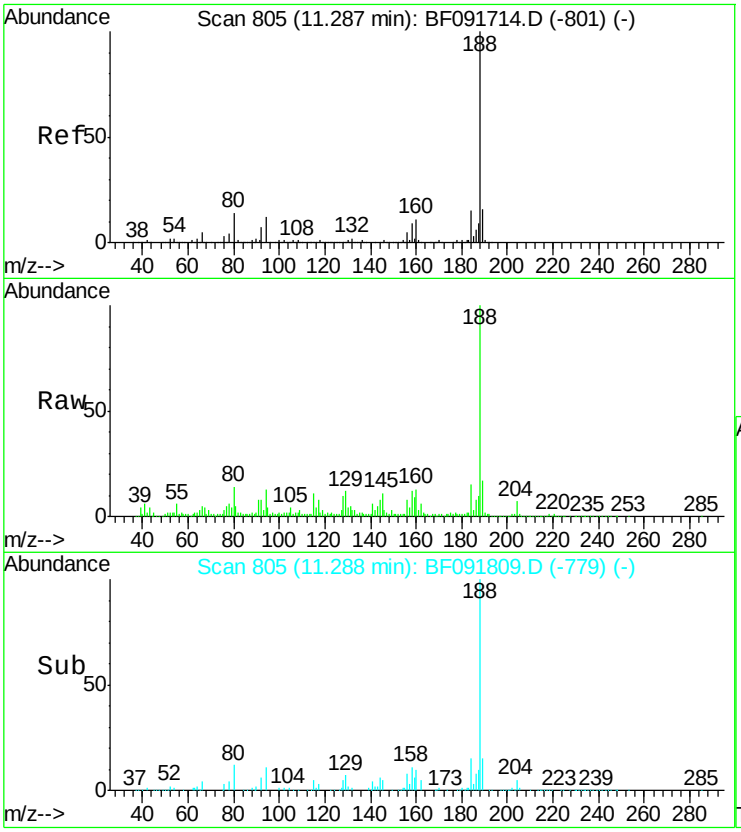


#62
Azobenzene
Concen: 4.04 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Tgt Ion: 77 Resp: 118355

Ion	Ratio	Lower	Upper
77	100		
182	2.1	0.0	39.3
105	88.8	2.3	42.3#
51	34.8	8.9	48.9



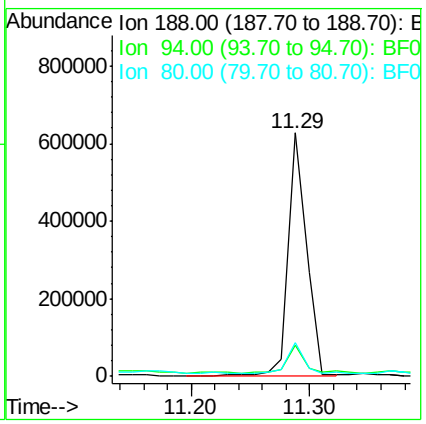


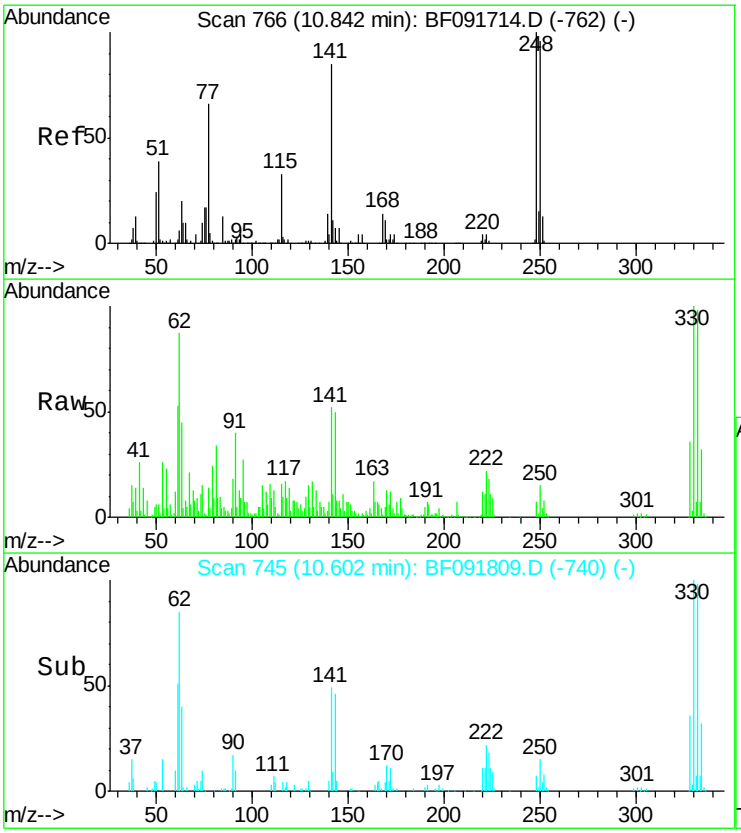
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Instrument :
BNA_F
ClientSampleId :
MW-28

Tgt Ion:188 Resp: 651835

Ion	Ratio	Lower	Upper
188	100		
94	12.7	10.0	15.0
80	14.1	11.2	16.8

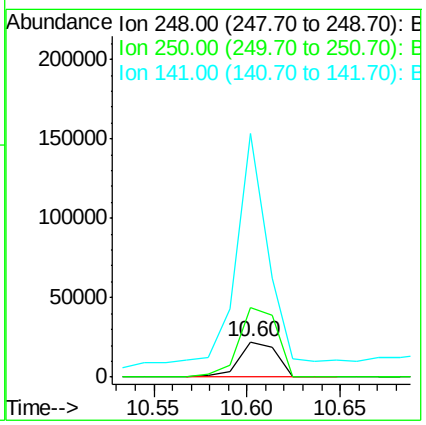


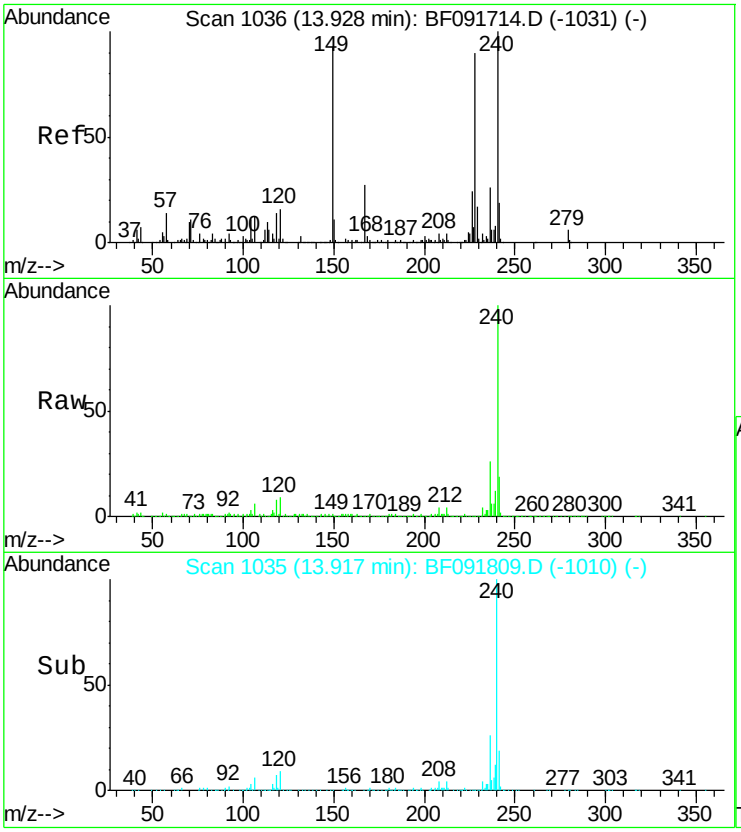


#66
4-Bromophenyl-phenylether
Concen: 4.60 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.24 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Tgt Ion:248 Resp: 31450

Ion	Ratio	Lower	Upper
248	100		
250	197.1	76.9	115.3#
141	689.7	68.2	102.4#



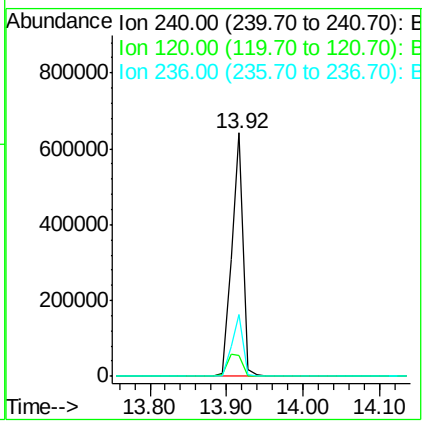


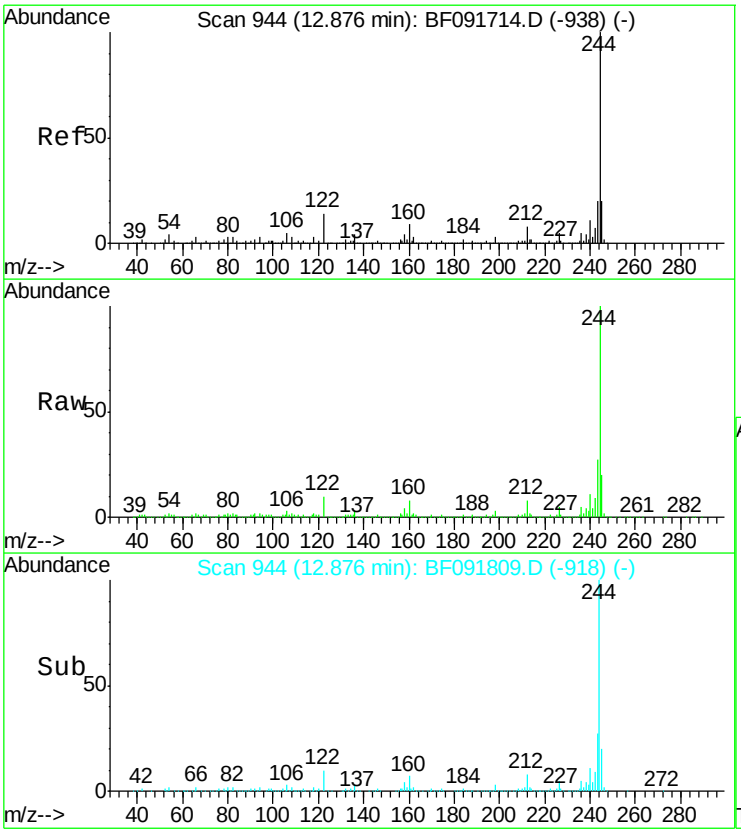
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Instrument :
BNA_F
ClientSampleId :
MW-28

Tgt Ion:240 Resp: 675847

Ion	Ratio	Lower	Upper
240	100		
120	8.8	12.9	19.3#
236	25.7	20.9	31.3

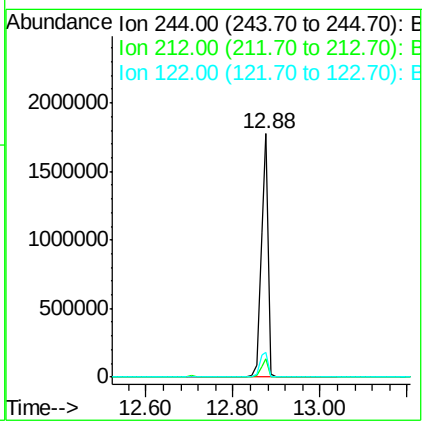


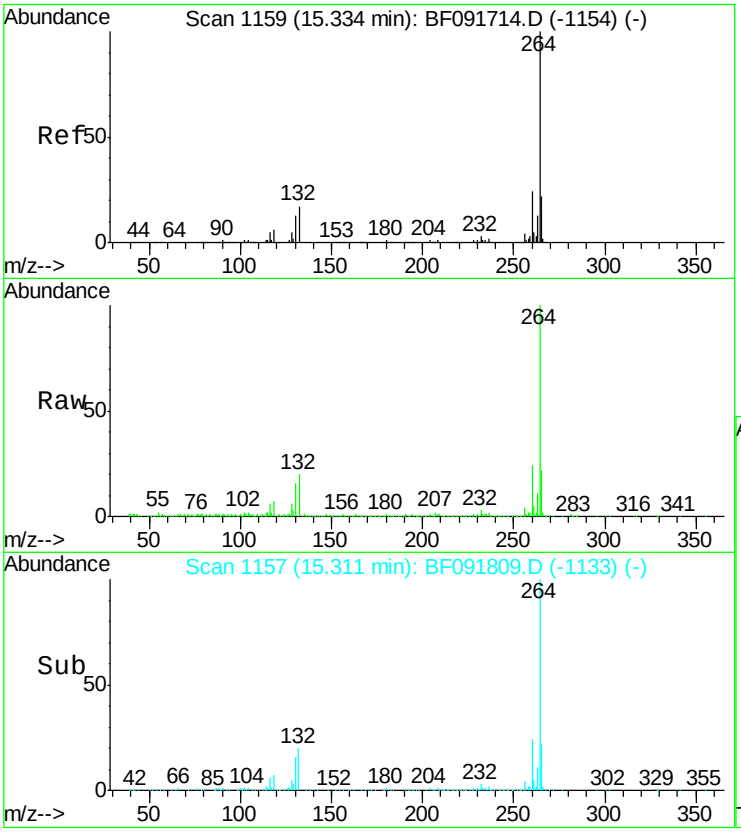


#78
Terphenyl-d14
Concen: 76.03 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Tgt Ion:244 Resp: 2035187

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	10.2	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF091809.D
Acq: 20 Dec 2016 10:14

Instrument :
BNA_F
ClientSampleId :
MW-28

Tgt Ion:264 Resp: 529054

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	17.4	26.0