Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
Data File : BF091424.D
Acq On : 5 Dec 2016 18:09
Operator : UM/SJ
Sample : H5838-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

Quant Time: Dec 06 00:06:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	147224	20.00	ng		-0.03
21) Naphthalene-d8	8.13	136	610782	20.00	ng		-0.04
38) Acenaphthene-d10	9.89	164	301879	20.00	ng		-0.03
63) Phenanthrene-d10	11.37	188	538702	20.00	ng		-0.03
75) Chrysene-d12	14.00	240	479183	20.00	ng		-0.04
86) Perylene-d12	15.42	264	356716	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	615893	68.34	ng		-0.03
7) Phenol-d6	6.47	99	457961	41.28	ng		-0.03
23) Nitrobenzene-d5	7.41	82	1169431	107.30	ng		-0.04
41) 2,4,6-Tribromophenol	10.68	330	433870	151.81	ng		-0.03
44) 2-Fluorobiphenyl	9.21	172	1781545	106.86	ng		-0.03
78) Terphenyl-d14	12.96	244	2080038	94.35	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	26565	3.72	ng		91
15) Benzyl Alcohol	7.01	79	19805	2.23	ng	#	34
18) Hexachloroethane	7.42	117	33236	8.56	ng	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	161080	23.05	ng	#	74
25) Isophorone	7.41	82	992039	51.38	ng	#	67
37) 2-Methylnaphthalene	8.95	142	291104	14.76	ng		99
48) Acenaphthylene	9.75	152	93534	3.68	ng	#	88
51) Acenaphthene	9.92	154	559861	32.62	ng		98
54) Dibenzofuran	10.09	168	168442	7.33	ng	#	87
57) Fluorene	10.44	166	664085	37.64	ng		98
61) 4-Nitroaniline	10.44	138	9939	2.24	ng	#	42
66) 4-Bromophenyl-phenylether	10.68	248	26766	4.62	ng	#	1
70) Phenanthrene	11.44	178	70862	2.53	ng		97
71) Anthracene	11.44	178	70862	2.55	ng		97
74) Fluoranthene	12.57	202	81991	3.09	ng		98
77) Pyrene	12.80	202	107561	2.96	ng		99

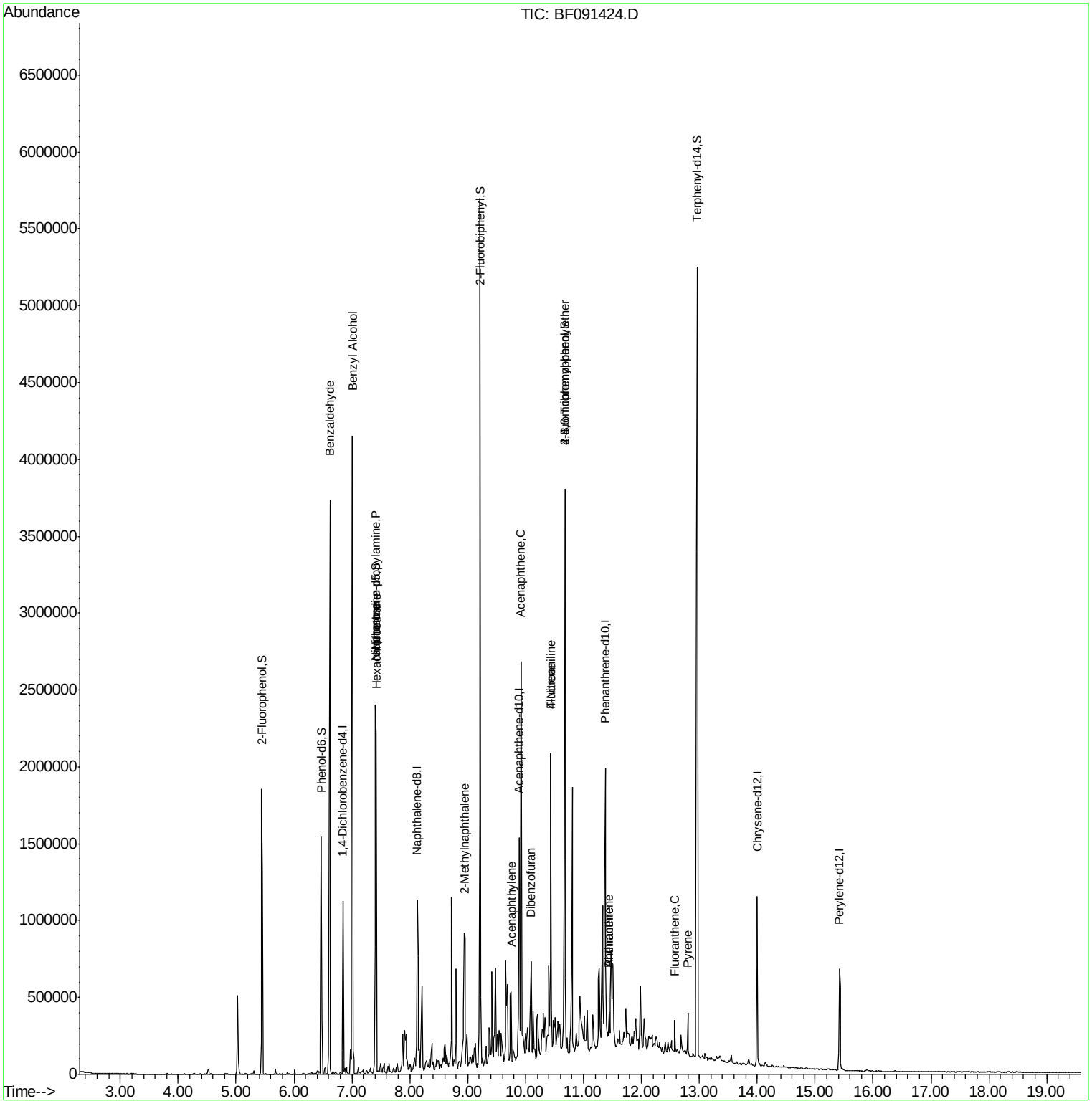
(#) = qualifier out of range (m) = manual integration (+) = signals summed

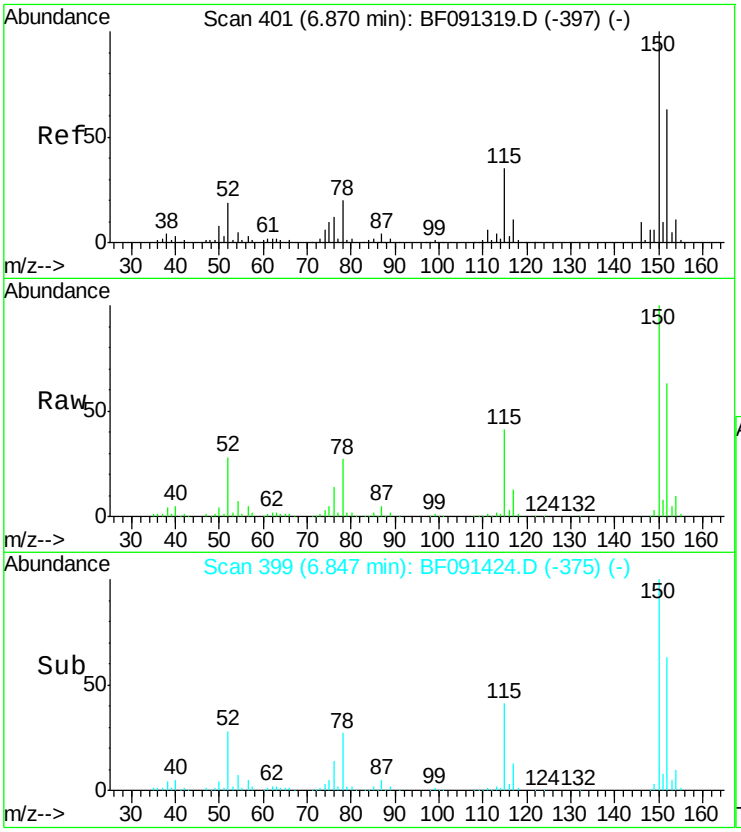
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
Data File : BF091424.D
Acq On : 5 Dec 2016 18:09
Operator : UM/SJ
Sample : H5838-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Time: Dec 06 00:06:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration



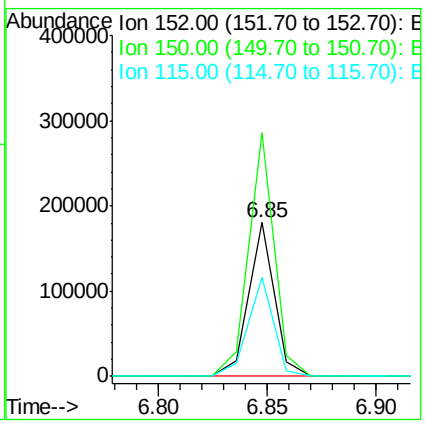


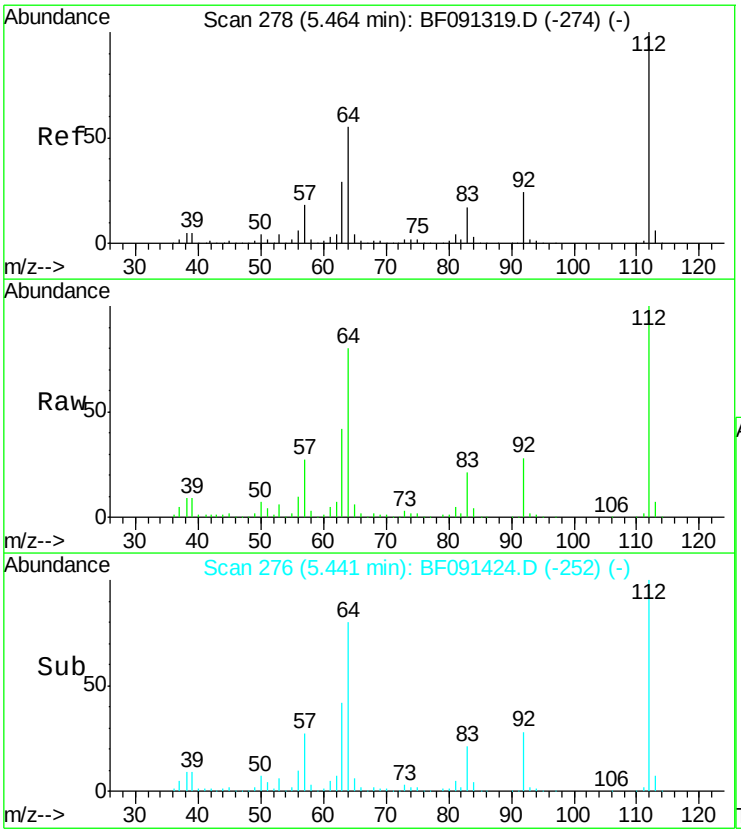
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.03 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:152 Resp: 147224

Ion	Ratio	Lower	Upper
152	100		
150	158.7	122.5	183.7
115	64.3	51.8	77.8

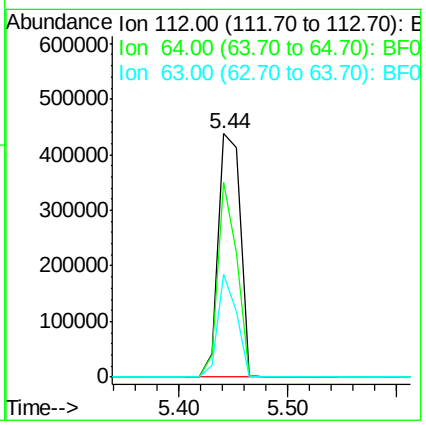


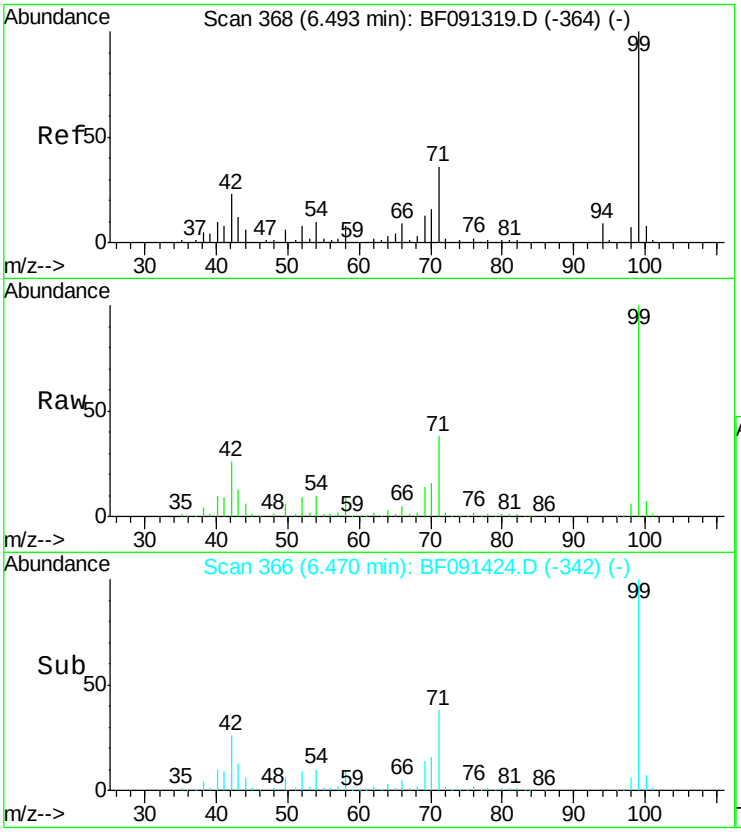


#5
2-Fluorophenol
Concen: 68.34 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.03 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Tgt Ion:112 Resp: 615893

Ion	Ratio	Lower	Upper
112	100		
64	80.0	61.5	92.3
63	42.3	33.3	49.9



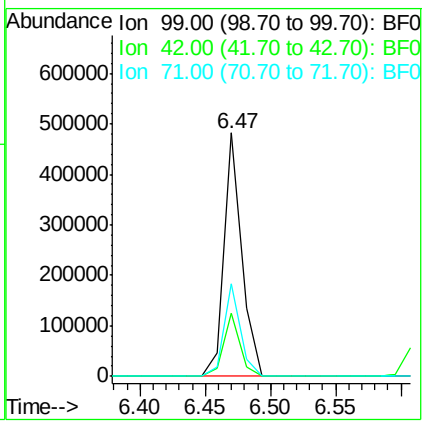


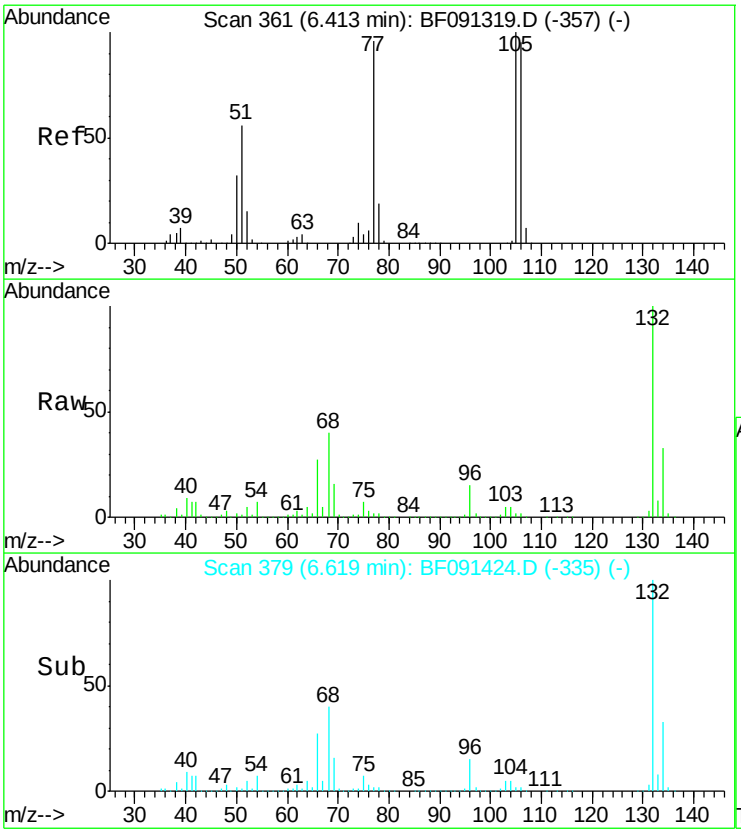
#7
Phenol-d6
Concen: 41.28 ng
RT: 6.47 min Scan# 366
Delta R.T. -0.03 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 99 Resp: 457961

Ion	Ratio	Lower	Upper
99	100		
42	26.1	20.6	31.0
71	38.3	29.9	44.9

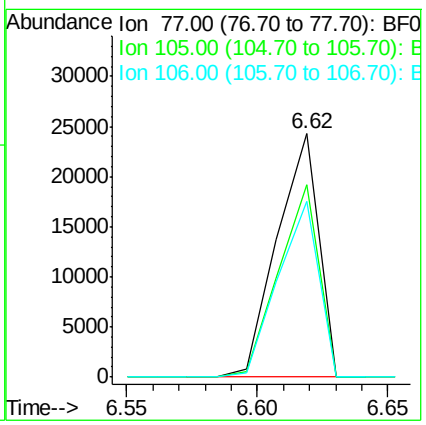


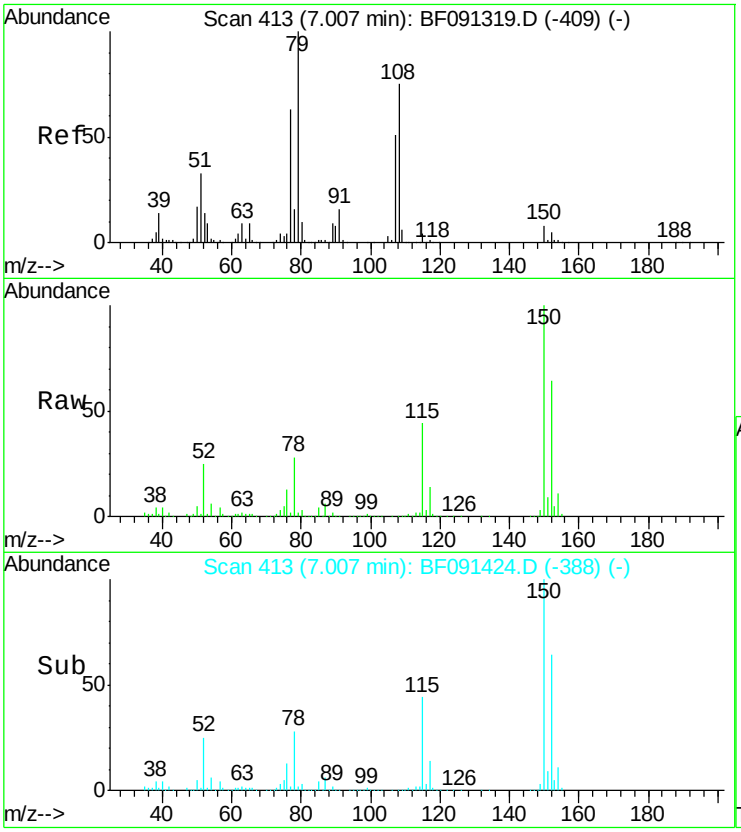


#9
Benzaldehyde
Concen: 3.72 ng
RT: 6.62 min Scan# 379
Delta R.T. 0.20 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Tgt Ion: 77 Resp: 26565

Ion	Ratio	Lower	Upper
77	100		
105	79.1	66.4	106.4
106	72.1	60.9	100.9



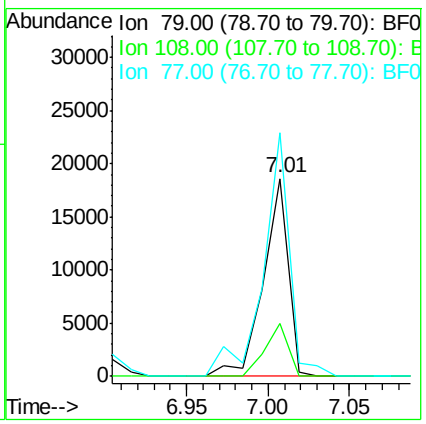


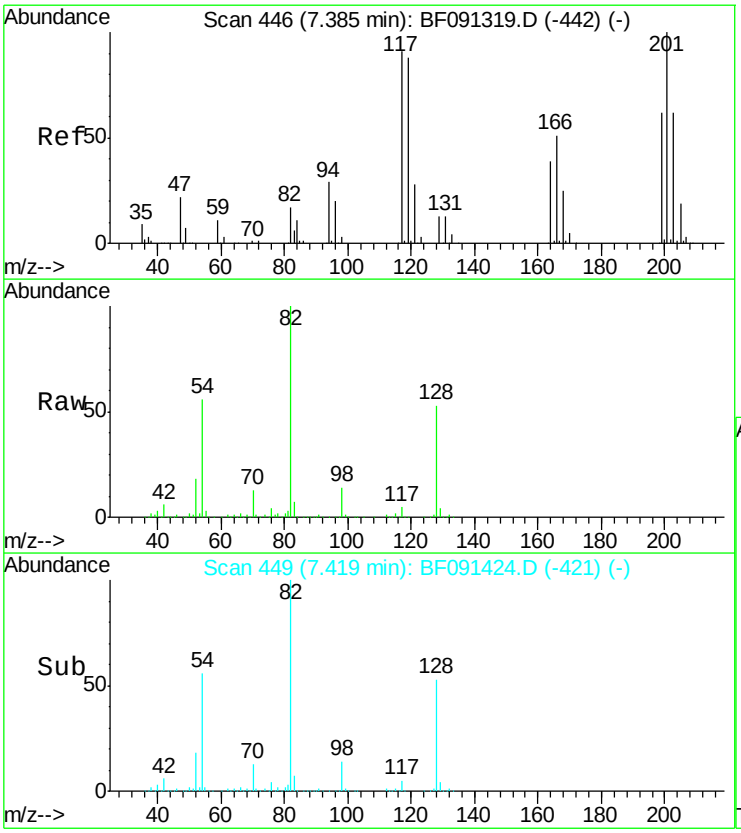
#15
Benzyl Alcohol
Concen: 2.23 ng
RT: 7.01 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 79 Resp: 19805

Ion	Ratio	Lower	Upper
79	100		
108	26.9	62.7	94.1#
77	123.1	51.7	77.5#

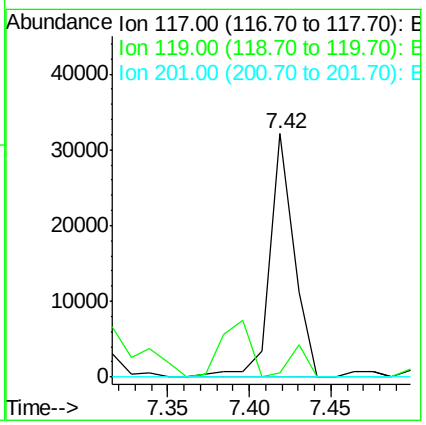


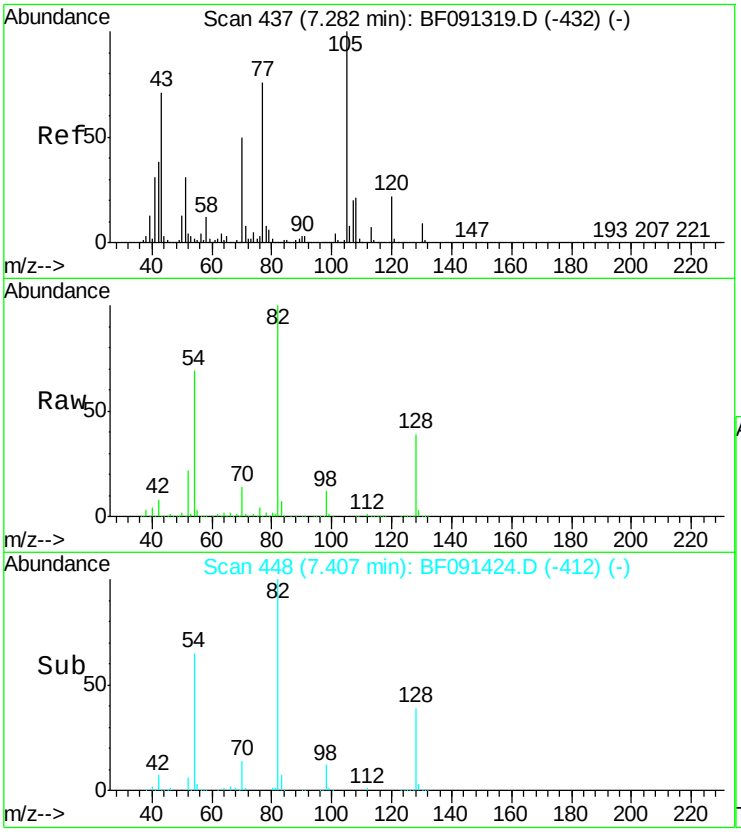


#18
Hexachloroethane
Concen: 8.56 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.02 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Tgt Ion:117 Resp: 33236

Ion	Ratio	Lower	Upper
117	100		
119	1.9	78.6	118.0#
201	0.0	86.7	130.1#



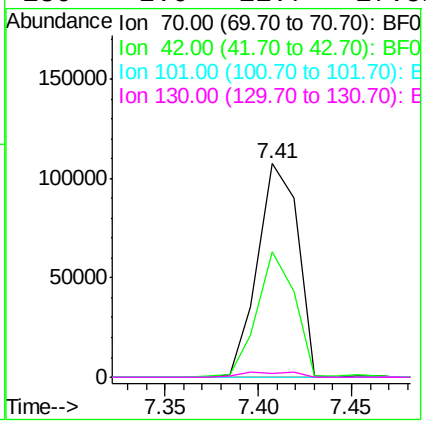


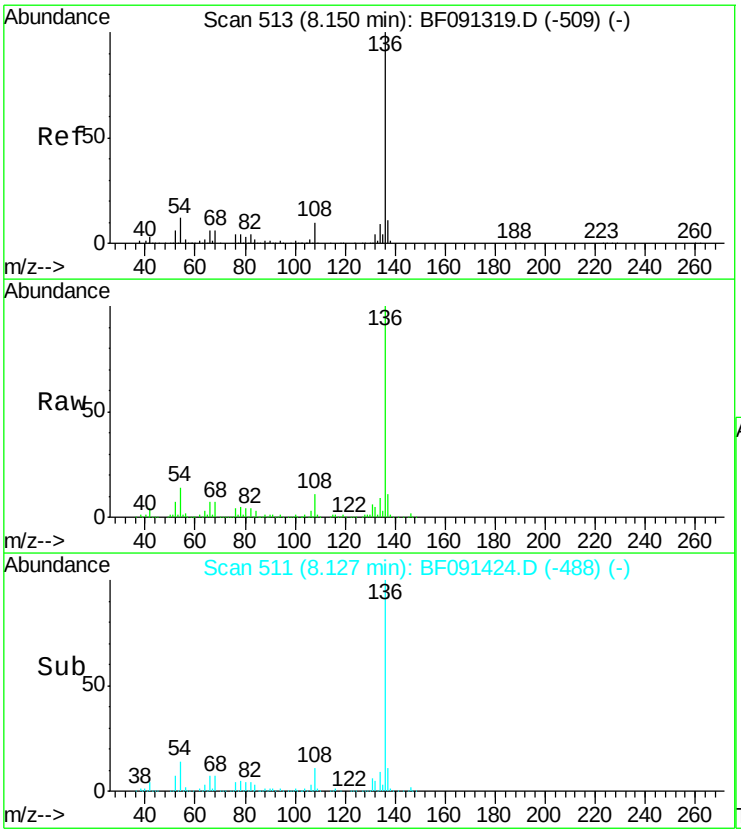
#19
n-Nitroso-di-n-propylamine
Concen: 23.05 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.11 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 70 Resp: 161080

Ion	Ratio	Lower	Upper
70	100		
42	58.6	64.8	97.2#
101	0.0	6.2	9.4#
130	2.0	11.7	17.5#

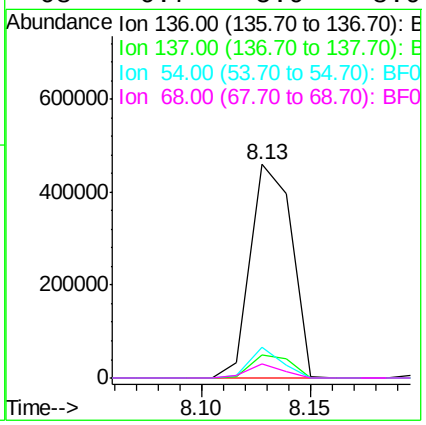


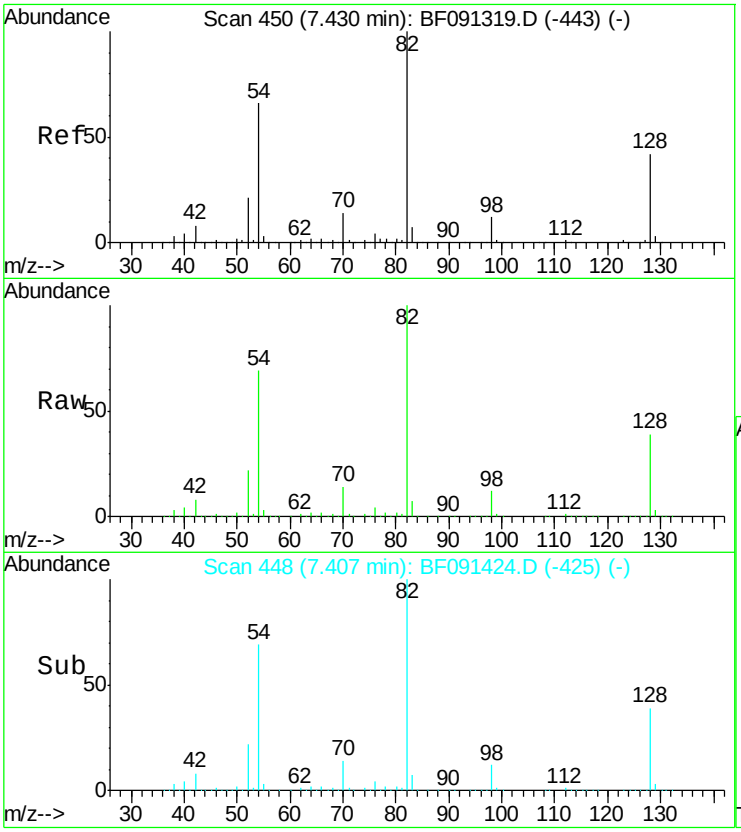


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.04 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Tgt Ion:136 Resp: 610782

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	14.4	9.1	13.7#
68	6.7	5.9	8.9



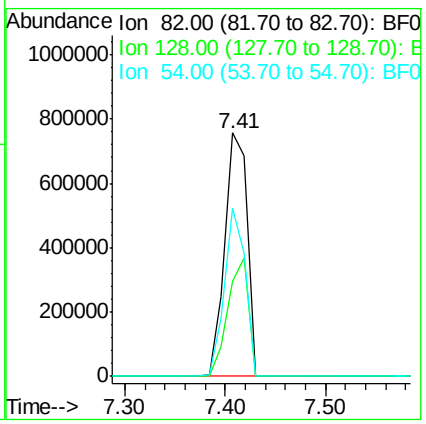


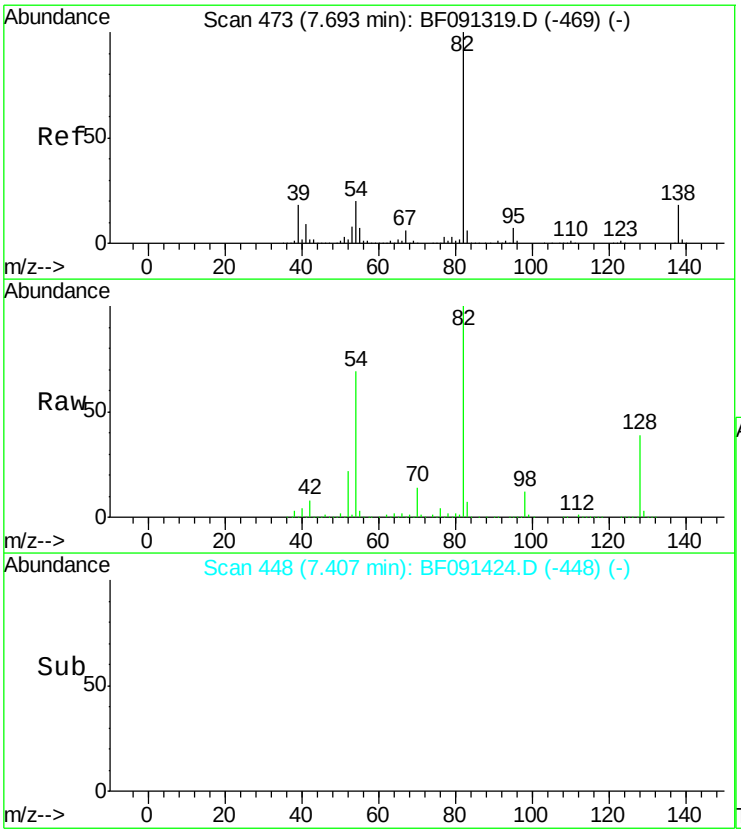
#23
Nitrobenzene-d5
Concen: 107.30 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.04 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 82 Resp: 1169431

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.8	47.6
54	68.9	49.1	73.7

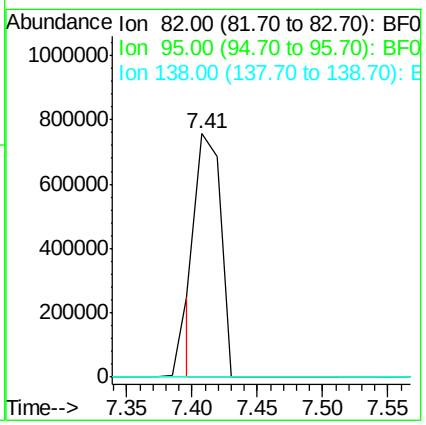


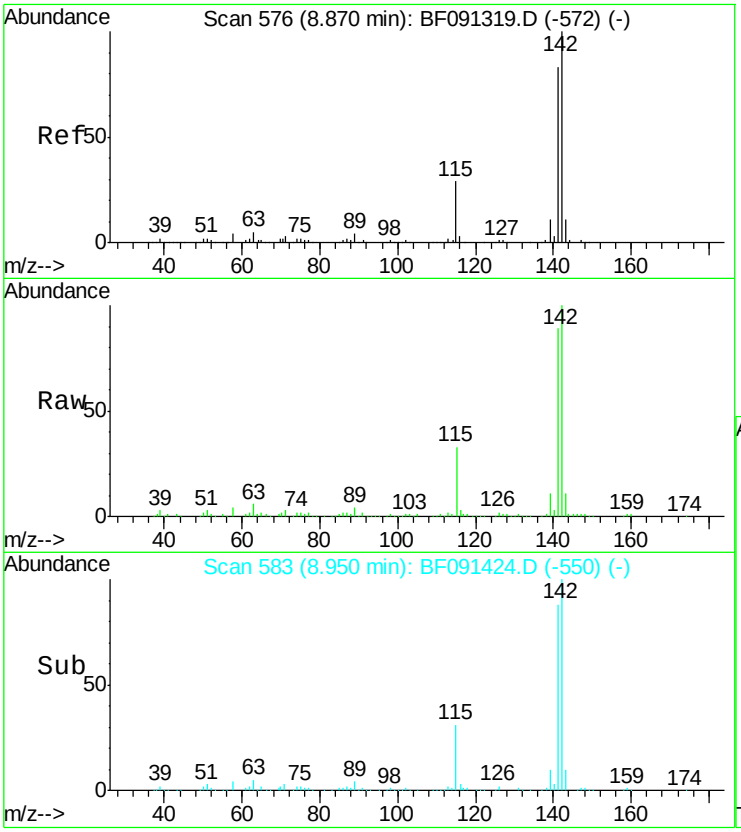


#25
Isophorone
Concen: 51.38 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.30 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Tgt Ion: 82 Resp: 992039

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.4	20.0#



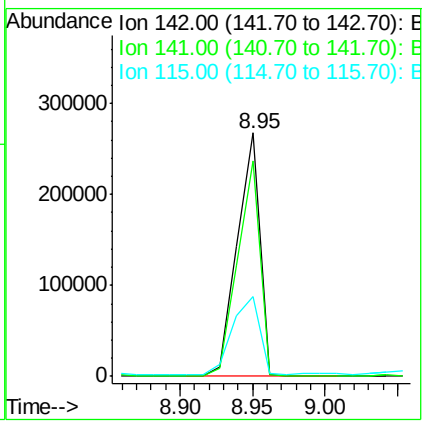


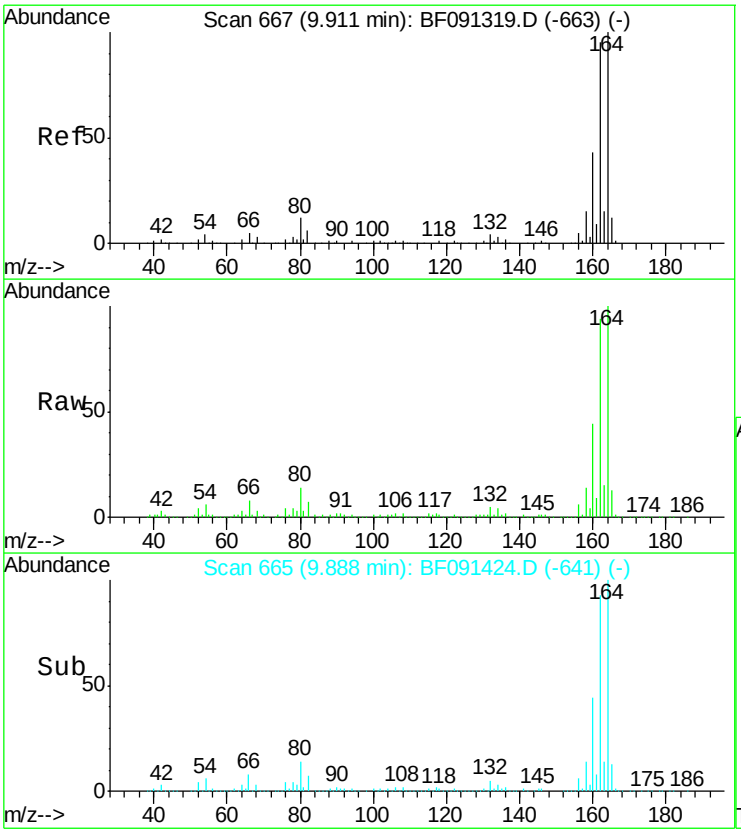
#37
2-Methylnaphthalene
Concen: 14.76 ng
RT: 8.95 min Scan# 583
Delta R.T. 0.07 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:142 Resp: 291104

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.7	107.5
115	32.6	25.0	37.6

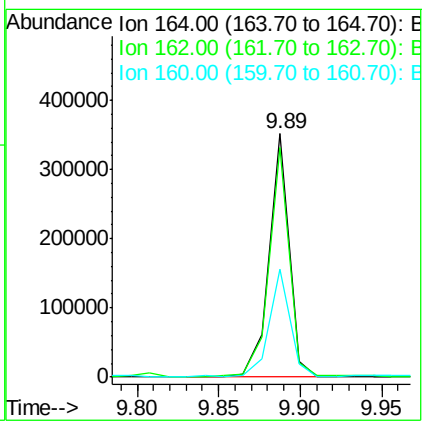


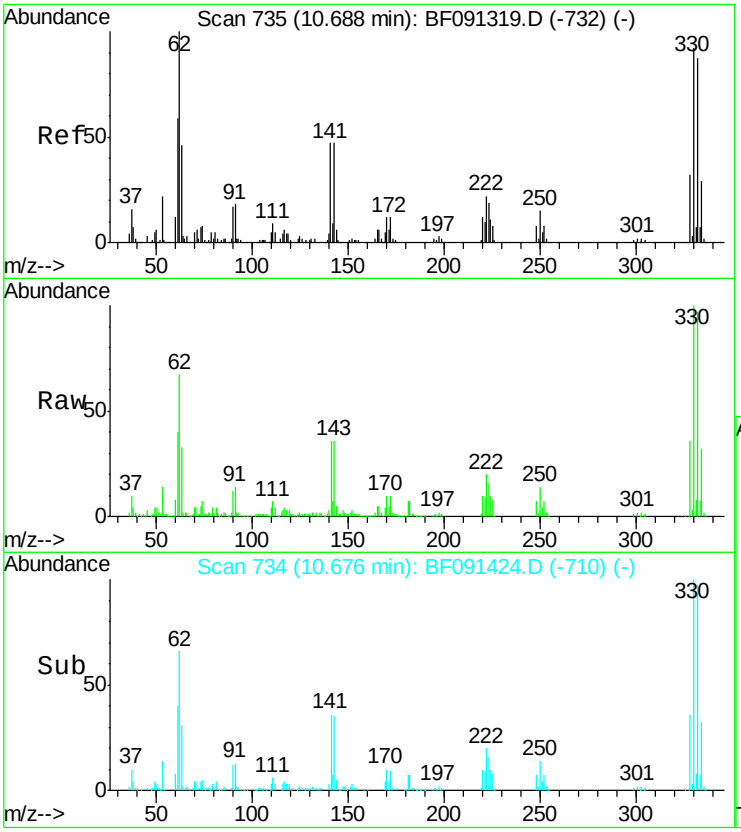


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Tgt Ion:164 Resp: 301879

Ion	Ratio	Lower	Upper
164	100		
162	94.3	82.6	124.0
160	44.5	36.7	55.1



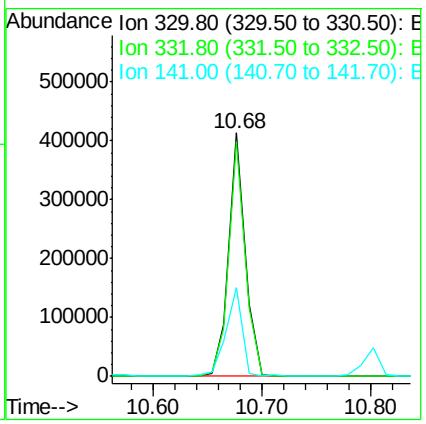


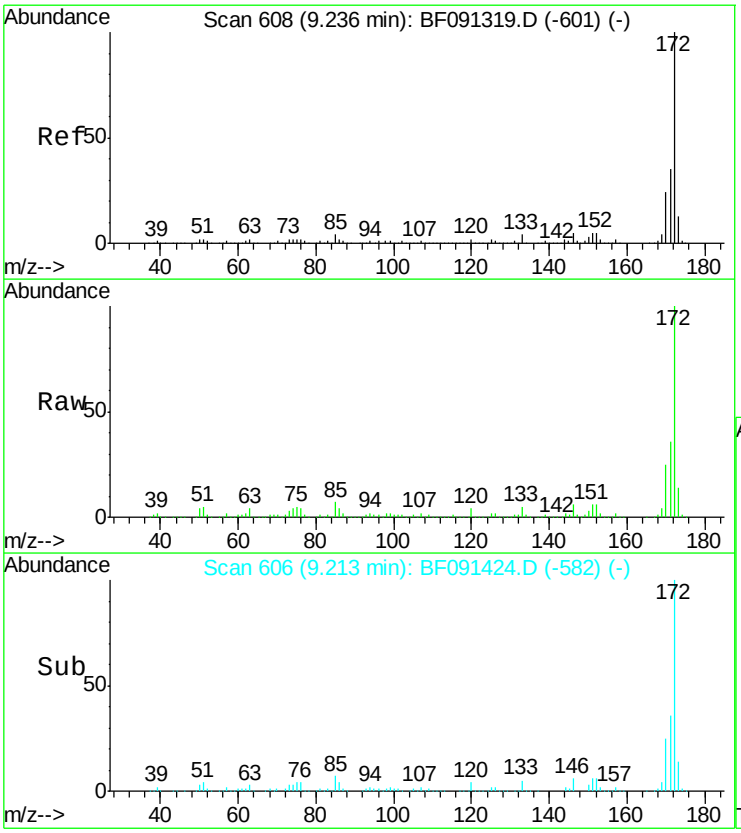
#41
2,4,6-Tribromophenol
Concen: 151.81 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:330 Resp: 433870

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.2	114.4
141	35.2	33.6	50.4

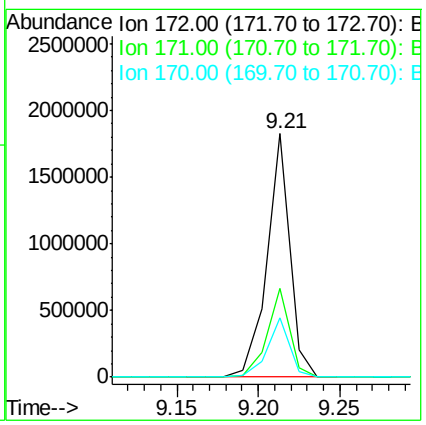


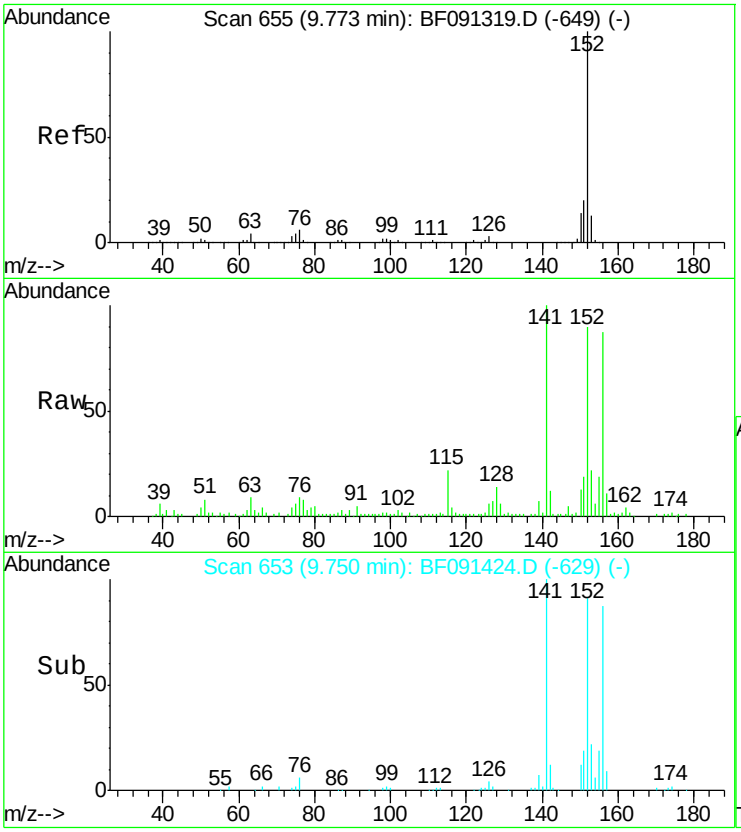


#44
2-Fluorobiphenyl
Concen: 106.86 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.03 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Tgt Ion:172 Resp: 1781545

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.6	19.7	29.5



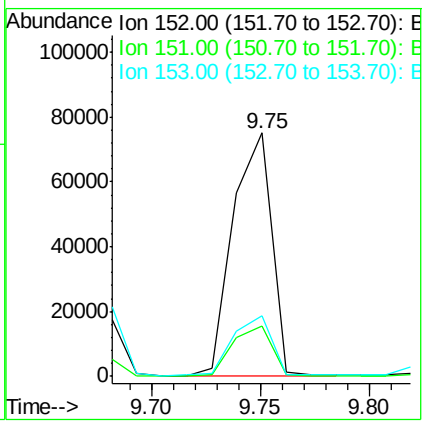


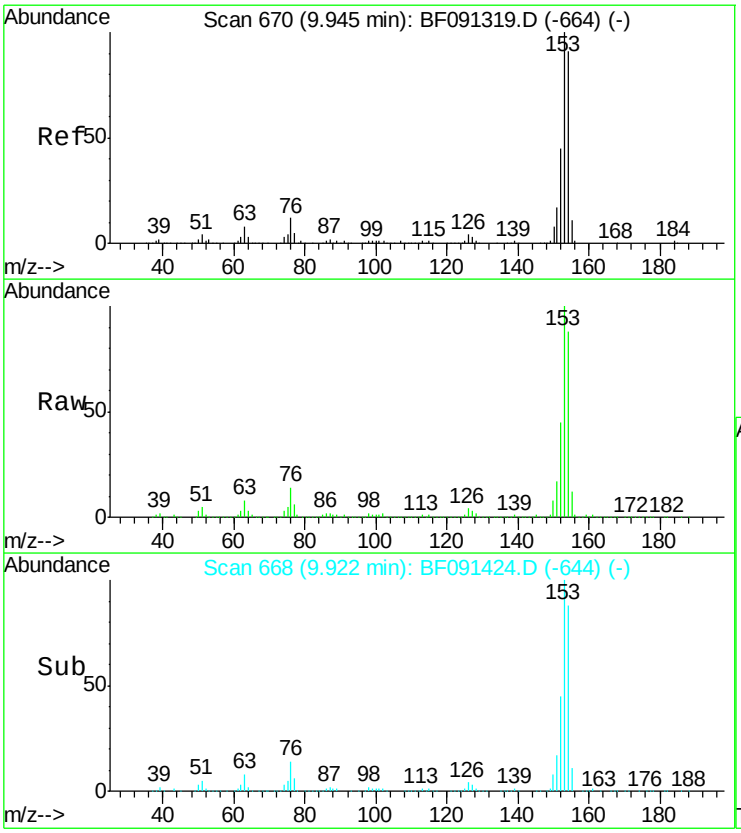
#48
Acenaphthylene
Concen: 3.68 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.03 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:152 Resp: 93534

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.6	24.8
153	24.9	10.7	16.1#

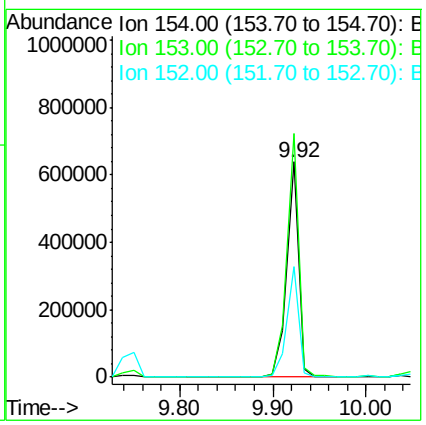


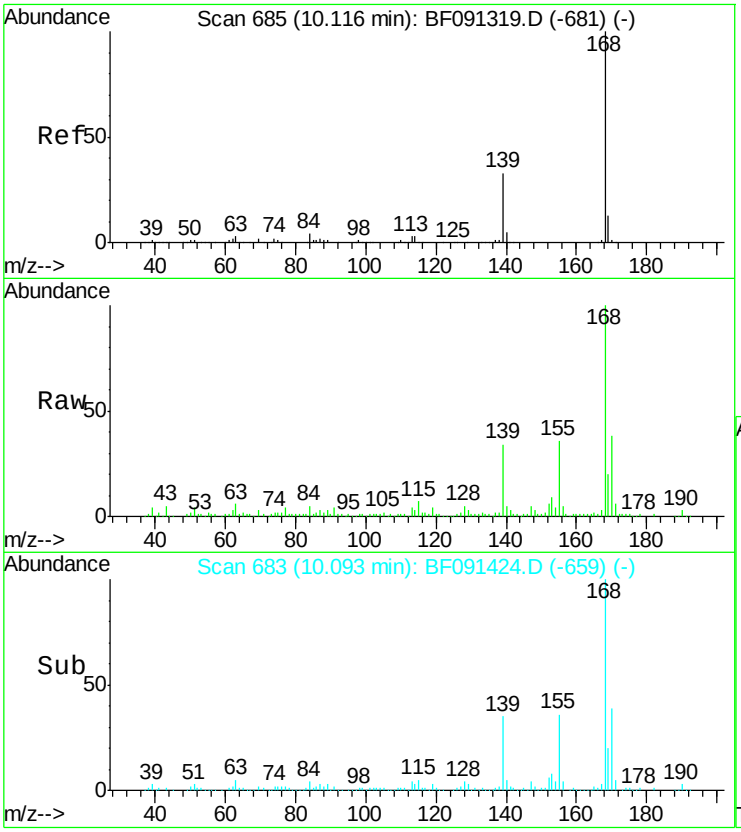


#51
Acenaphthene
Concen: 32.62 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Tgt Ion:154 Resp: 559861

Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.0	136.6
152	51.4	44.2	66.2



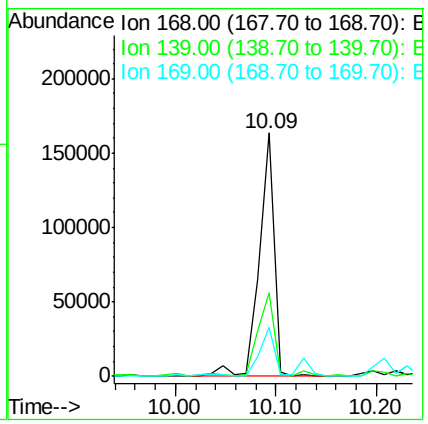


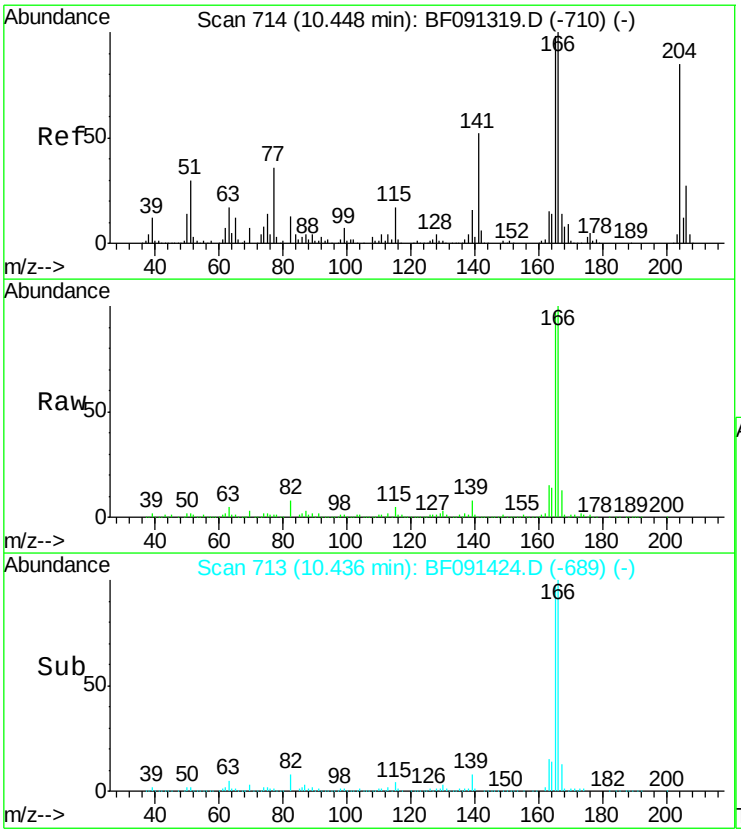
#54
Dibenzofuran
Concen: 7.33 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:168 Resp: 168442

Ion	Ratio	Lower	Upper
168	100		
139	34.4	33.4	50.2
169	20.0	11.1	16.7#

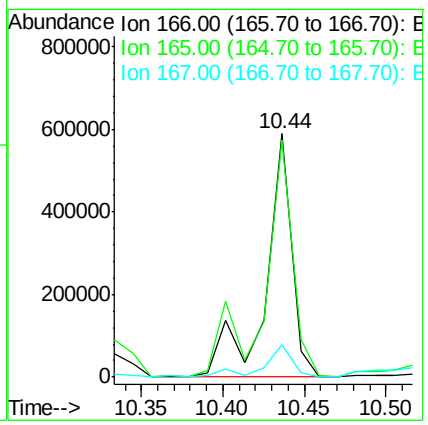


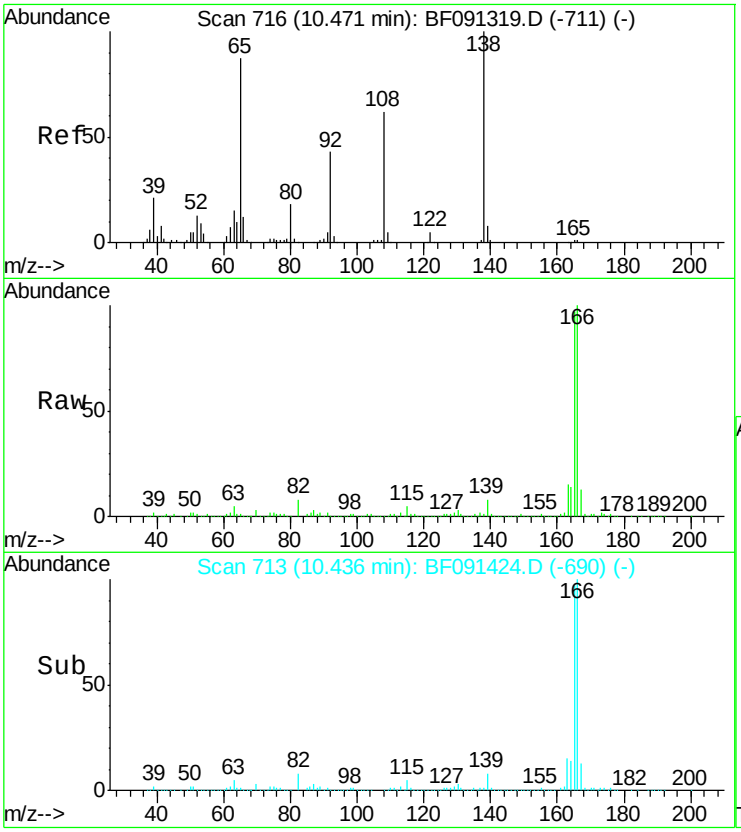


#57
Fluorene
Concen: 37.64 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.03 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Tgt Ion:166 Resp: 664085

Ion	Ratio	Lower	Upper
166	100		
165	97.5	80.0	120.0
167	13.3	10.8	16.2



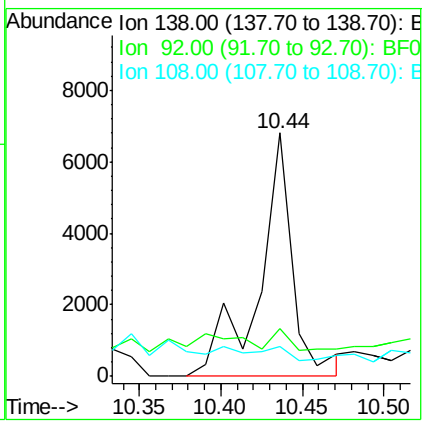


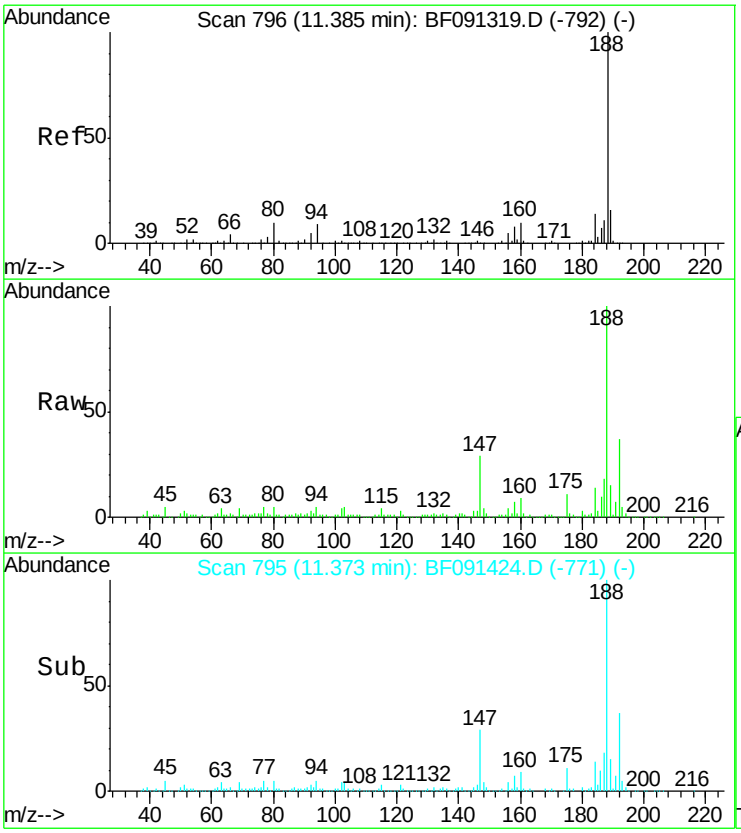
#61
4-Nitroaniline
Concen: 2.24 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.04 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:138 Resp: 9939

Ion	Ratio	Lower	Upper
138	100		
92	19.8	26.9	66.9#
108	12.2	49.1	89.1#

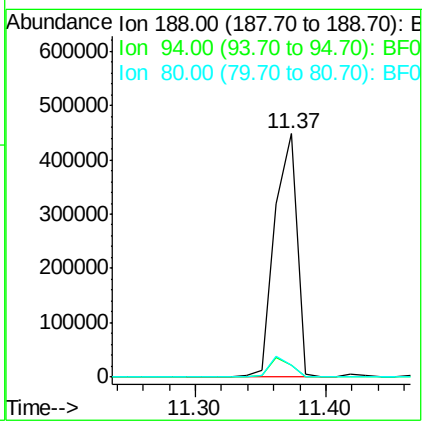


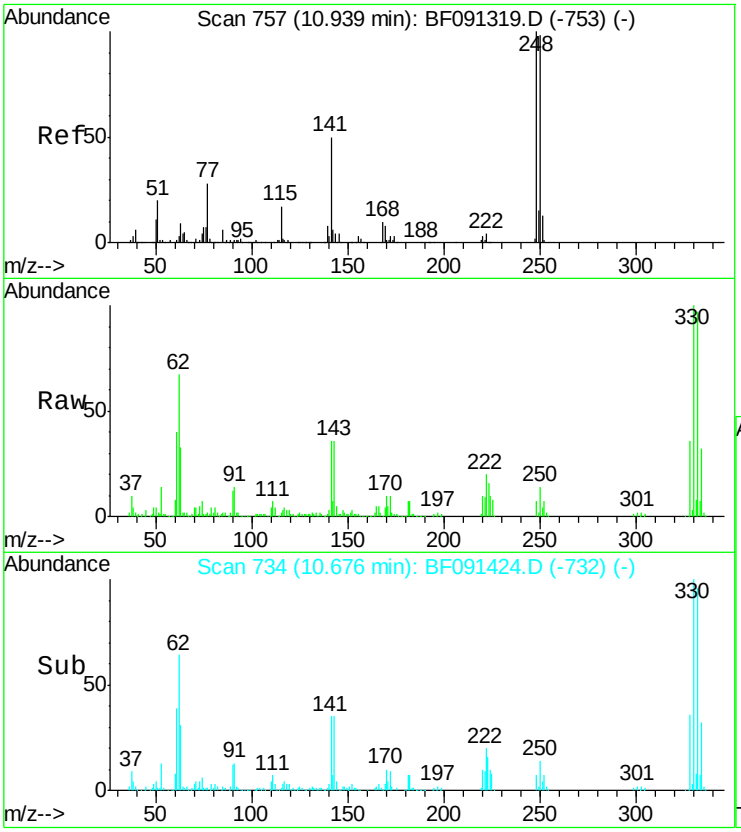


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Tgt Ion:188 Resp: 538702

Ion	Ratio	Lower	Upper
188	100		
94	5.0	9.2	13.8#
80	4.9	10.5	15.7#



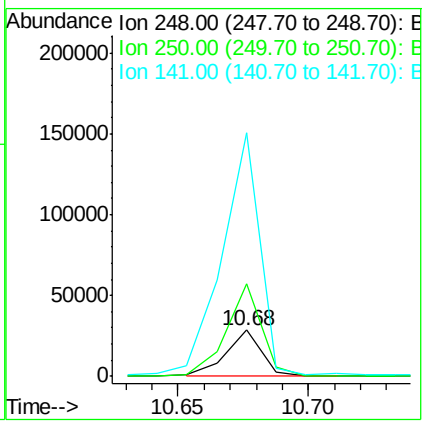


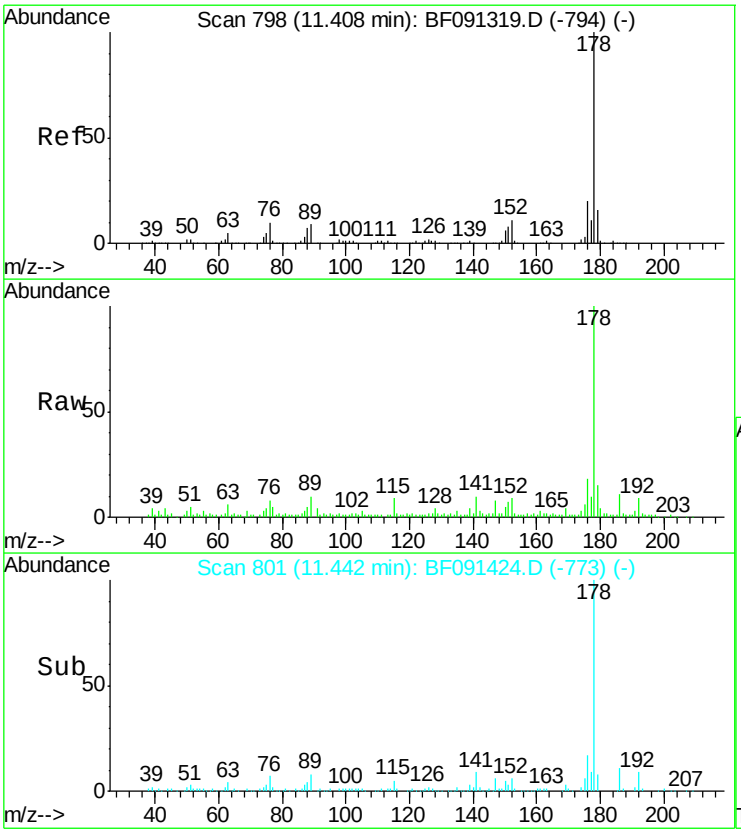
#66
4-Bromophenyl-phenylether
Concen: 4.62 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.28 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:248 Resp: 26766

Ion	Ratio	Lower	Upper
248	100		
250	199.8	78.2	117.4#
141	528.0	71.9	107.9#

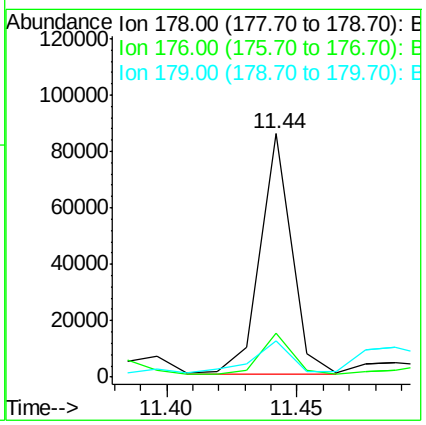


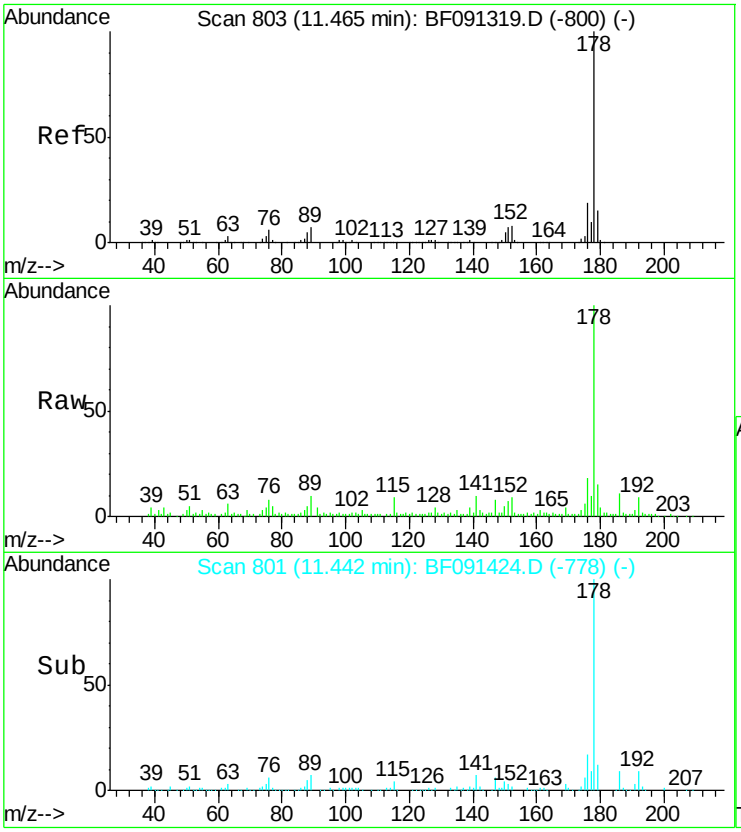


#70
Phenanthrene
Concen: 2.53 ng
RT: 11.44 min Scan# 801
Delta R.T. 0.02 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Tgt Ion:178 Resp: 70862

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.9	23.9
179	15.1	12.6	18.8



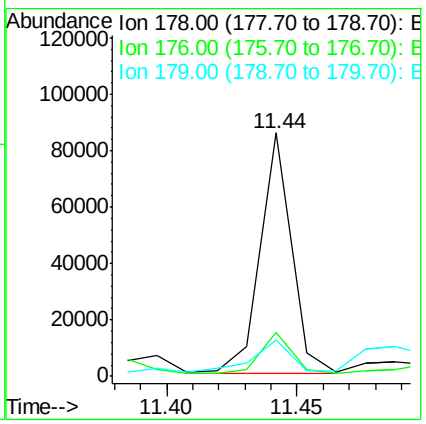


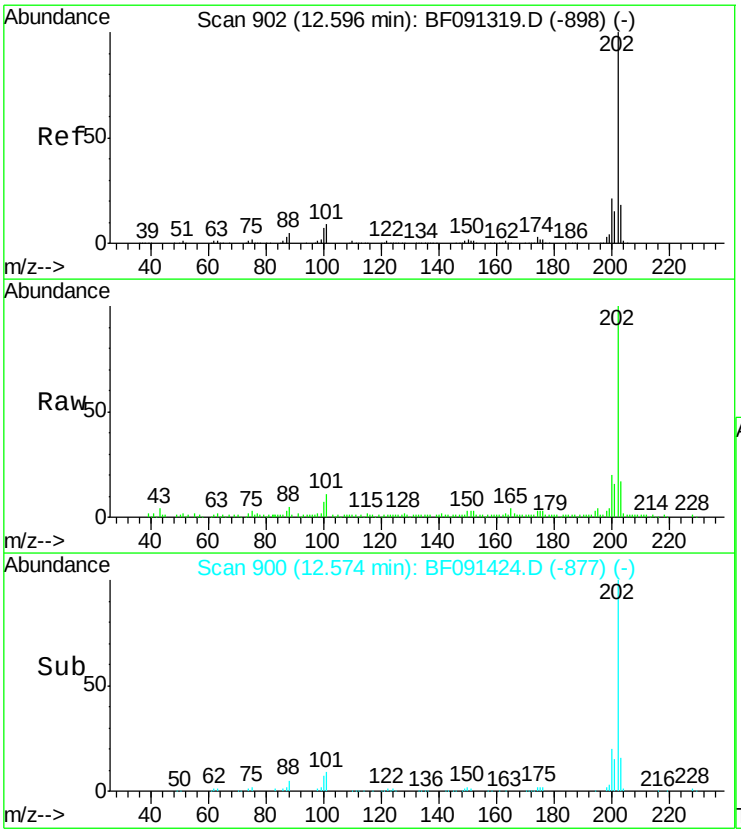
#71
Anthracene
Concen: 2.55 ng
RT: 11.44 min Scan# 801
Delta R.T. -0.04 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:178 Resp: 70862

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.6
179	15.1	12.7	19.1

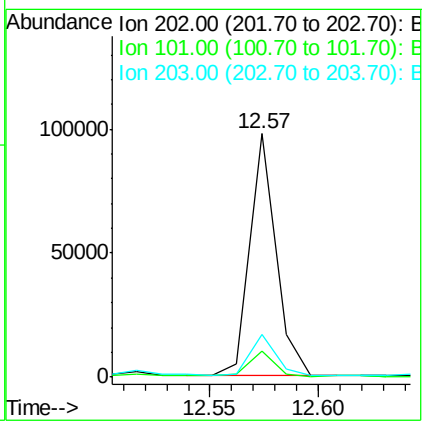


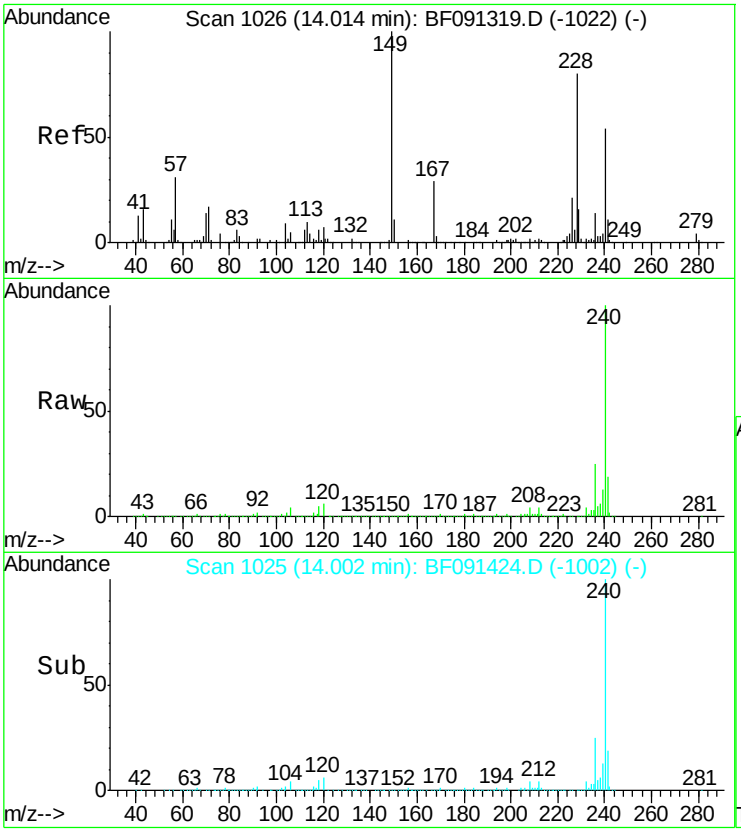


#74
Fluoranthene
Concen: 3.09 ng
RT: 12.57 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Tgt Ion:202 Resp: 81991

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	29.5
203	17.3	0.0	37.8



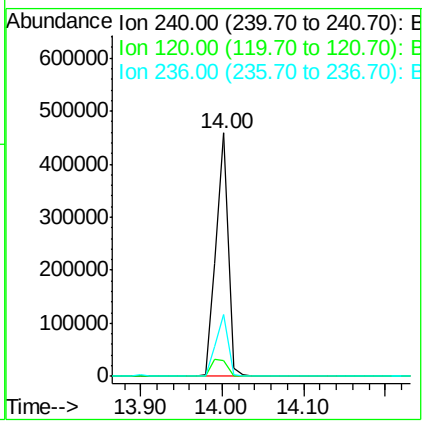


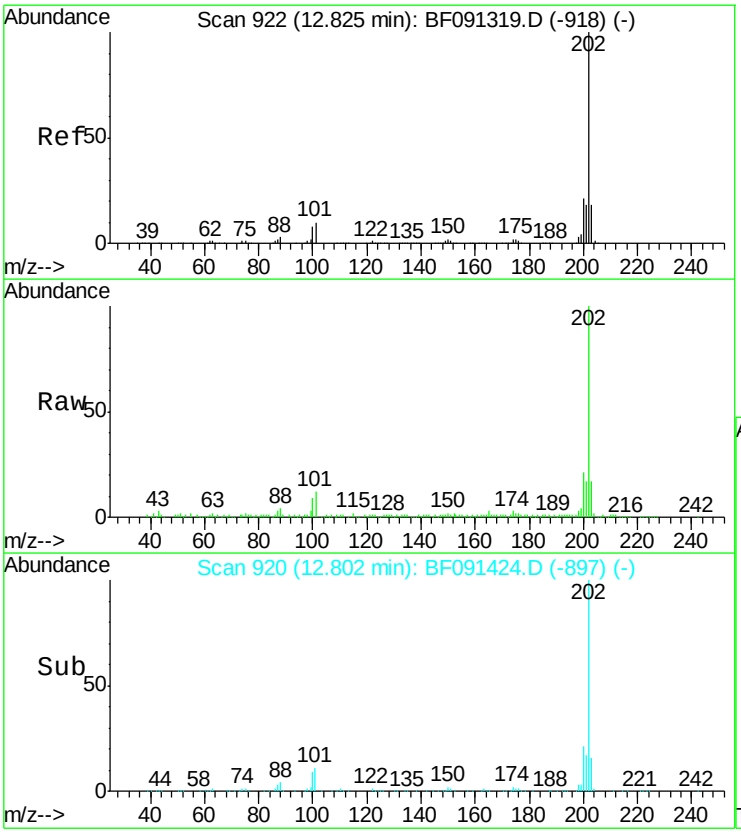
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.04 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:240 Resp: 479183

Ion	Ratio	Lower	Upper
240	100		
120	6.3	12.1	18.1#
236	25.5	21.0	31.6

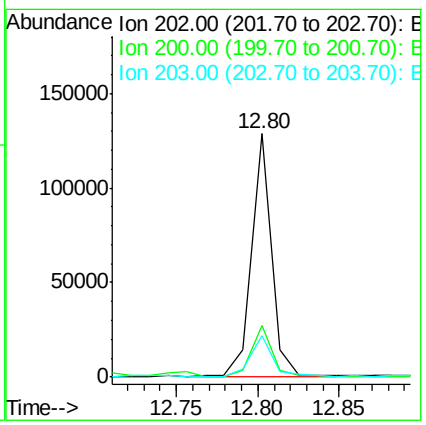


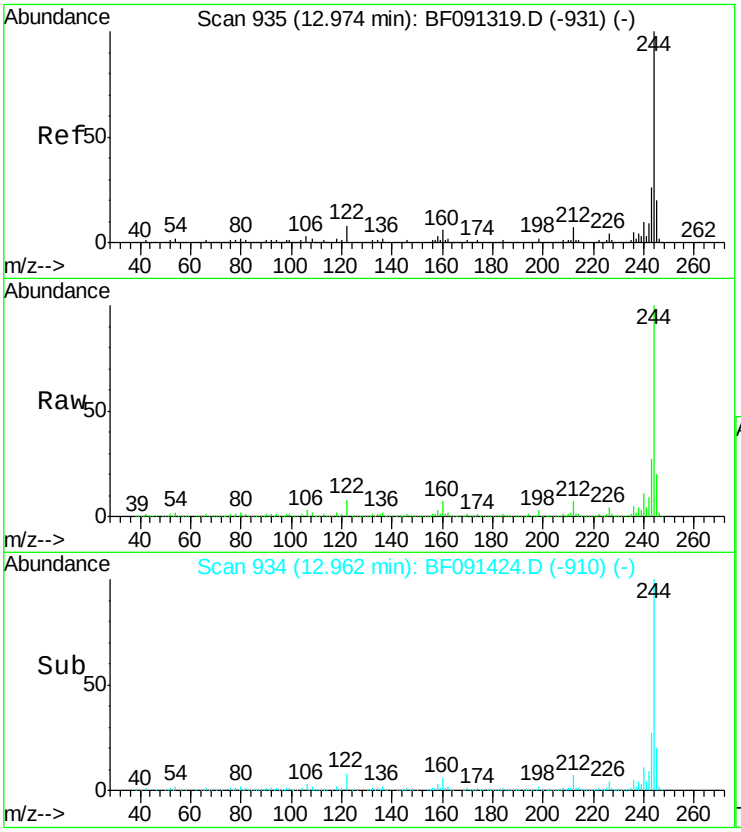


#77
Pyrene
Concen: 2.96 ng
RT: 12.80 min Scan# 920
Delta R.T. -0.04 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Tgt Ion:202 Resp: 107561

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	17.1	14.0	21.0



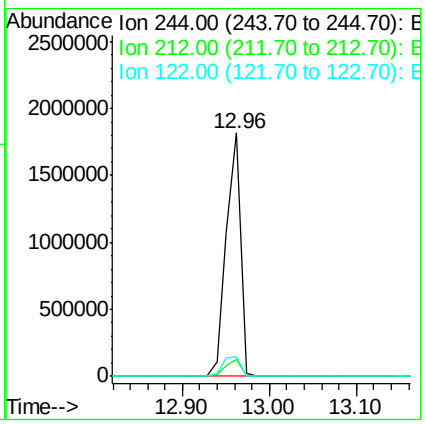


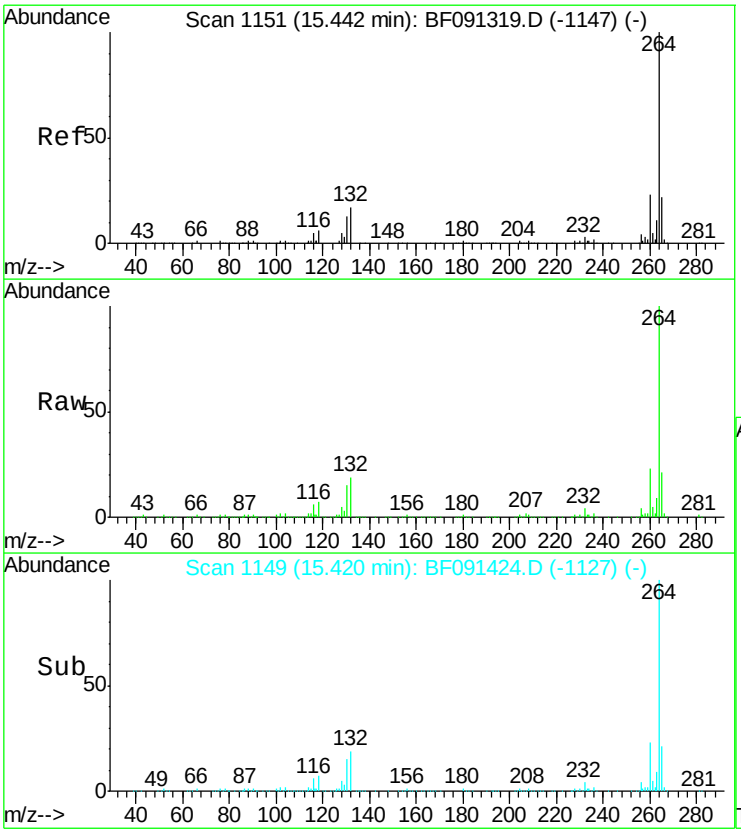
#78
Terphenyl-d14
Concen: 94.35 ng
RT: 12.96 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:244 Resp: 2080038

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	7.9	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Tgt Ion:264 Resp: 356716

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.3	17.0	25.6