Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
Data File : BF091812.D
Acq On : 20 Dec 2016 11:36
Operator : UM/SJ
Sample : H6147-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Time: Dec 20 23:37:56 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	187363	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	764573	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	394199	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	693127	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	555968	20.00	ng	-0.02
86) Perylene-d12	15.31	264	425867	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	956865	85.56	ng	0.00
7) Phenol-d6	6.41	99	793786	58.20	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1384536	104.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	526676	157.56	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2348567	119.69	ng	-0.01
78) Terphenyl-d14	12.87	244	2067990	93.92	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.41	77	1152	Below Cal	#	1
15) Benzyl Alcohol	6.91	79	23013	2.18	ng	# 45
19) n-Nitroso-di-n-propylamine	7.32	70	185748	20.47	ng	# 76
25) Isophorone	7.32	82	1191705	47.11	ng	# 65
49) Dimethylphthalate	9.52	163	79710	3.10	ng	98
50) 2,6-Dinitrotoluene	9.79	165	52151	9.24	ng	# 31
56) 2,4-Dinitrotoluene	9.79	165	52144	7.39	ng	# 20
66) 4-Bromophenyl-phenylether	10.59	248	34899	4.80	ng	# 1

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

Quantitation Report (Not Reviewed)

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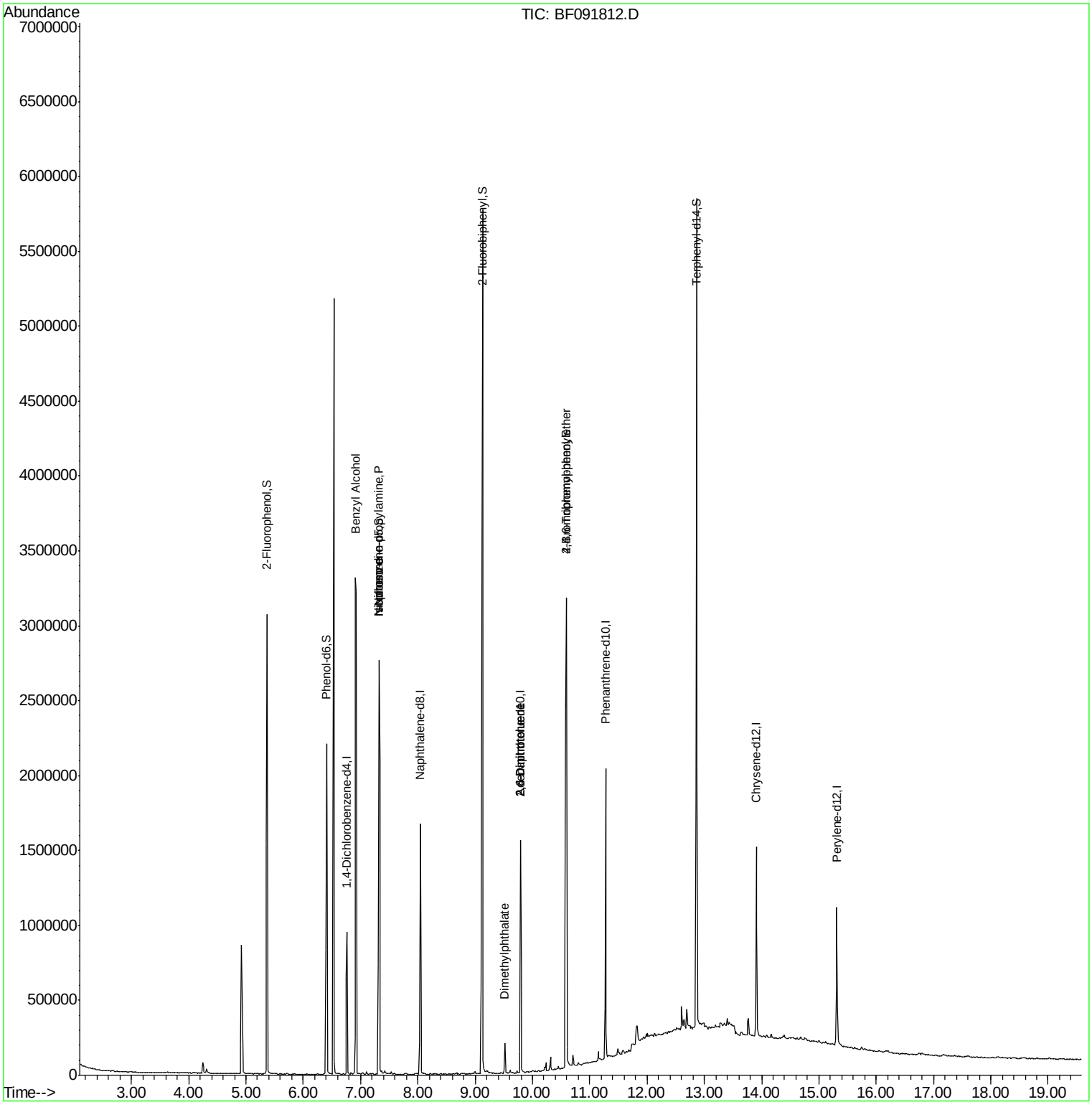
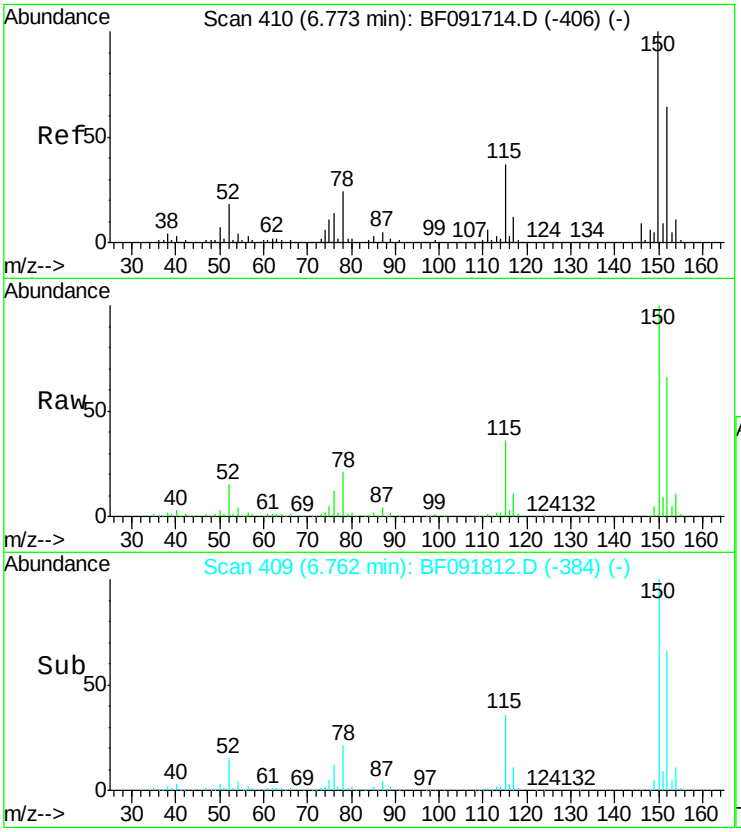


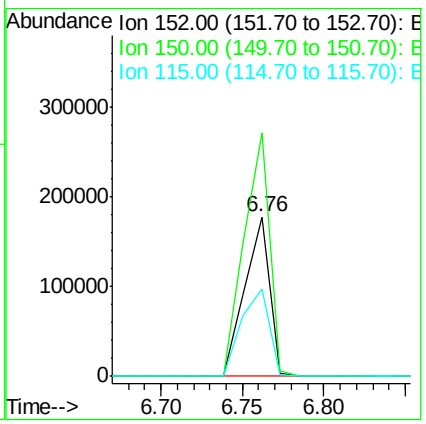


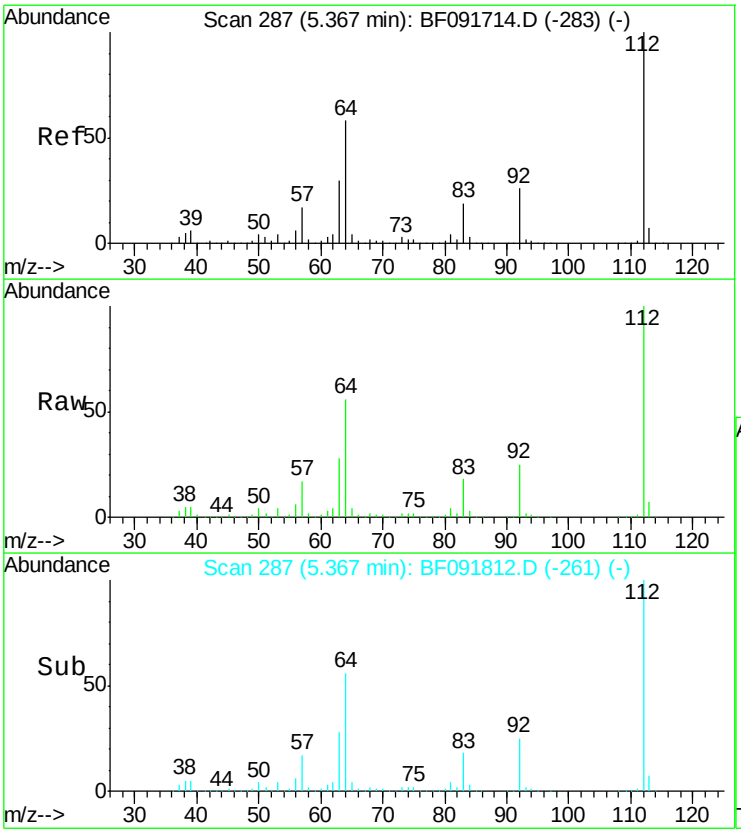
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:152 Resp: 187363

Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.9	187.3
115	55.1	46.0	69.0

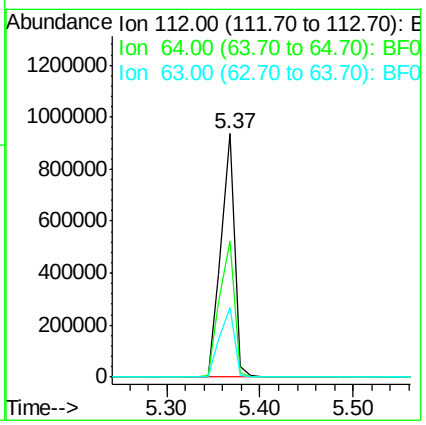


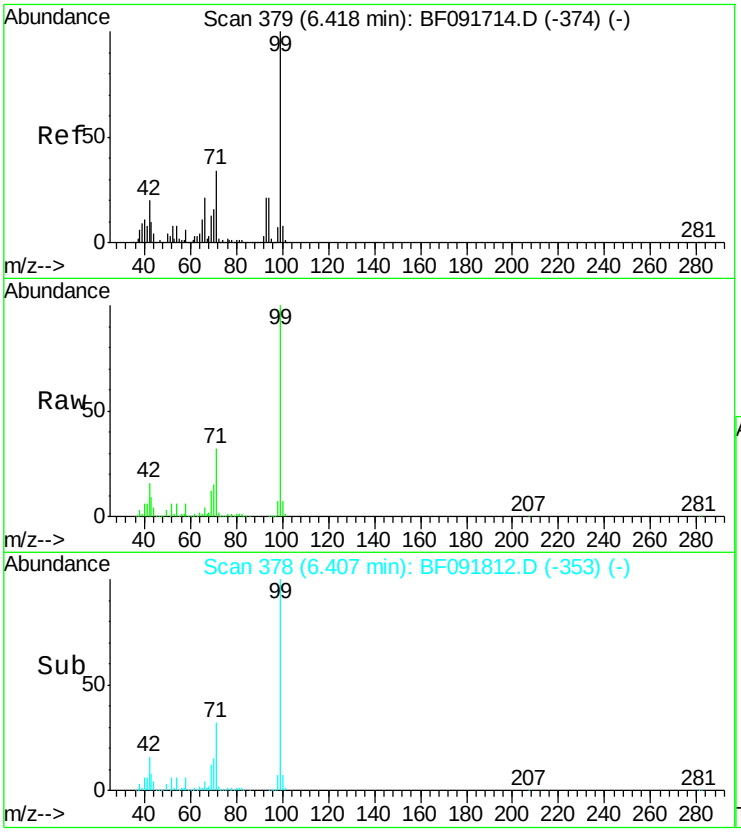


#5
2-Fluorophenol
Concen: 85.56 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Tgt Ion:112 Resp: 956865

Ion	Ratio	Lower	Upper
112	100		
64	55.8	46.1	69.1
63	28.4	23.8	35.6



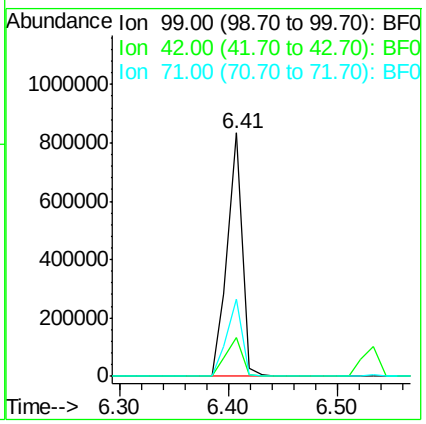


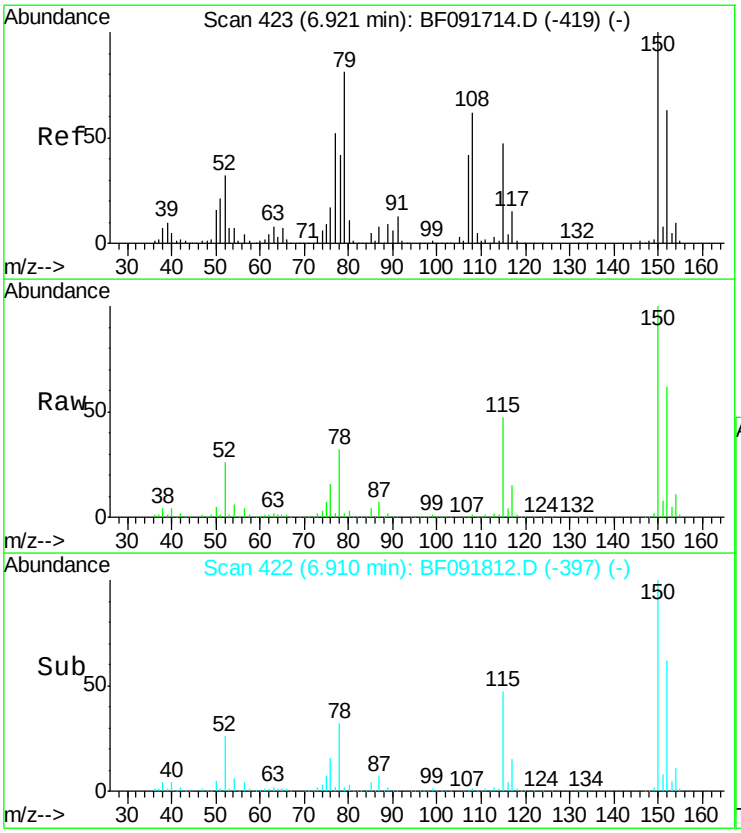
#7
Phenol-d6
Concen: 58.20 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion: 99 Resp: 793786

Ion	Ratio	Lower	Upper
99	100		
42	16.0	15.6	23.4
71	31.8	27.5	41.3

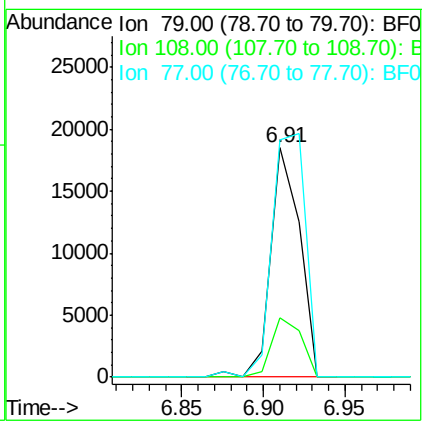


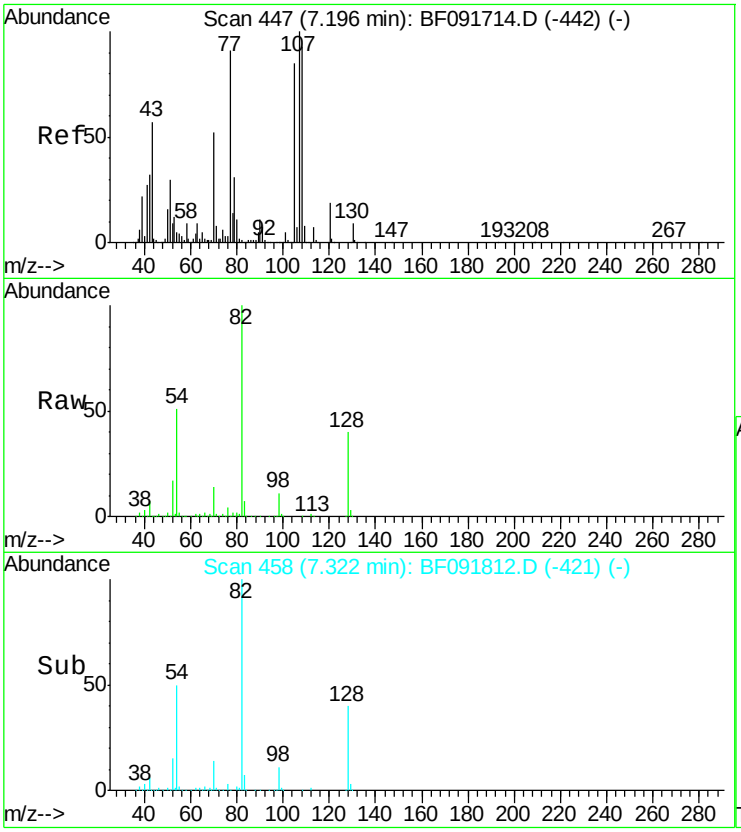


#15
Benzyl Alcohol
Concen: 2.18 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Tgt Ion: 79 Resp: 23013

Ion	Ratio	Lower	Upper
79	100		
108	26.0	61.4	92.0#
77	103.4	50.9	76.3#



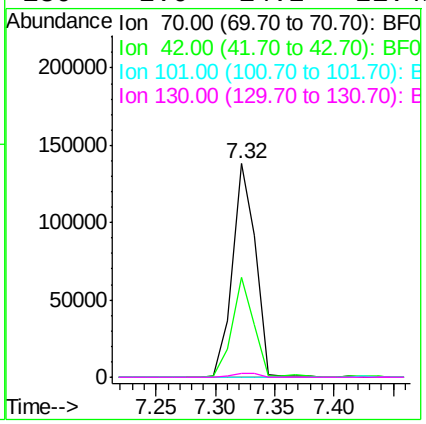


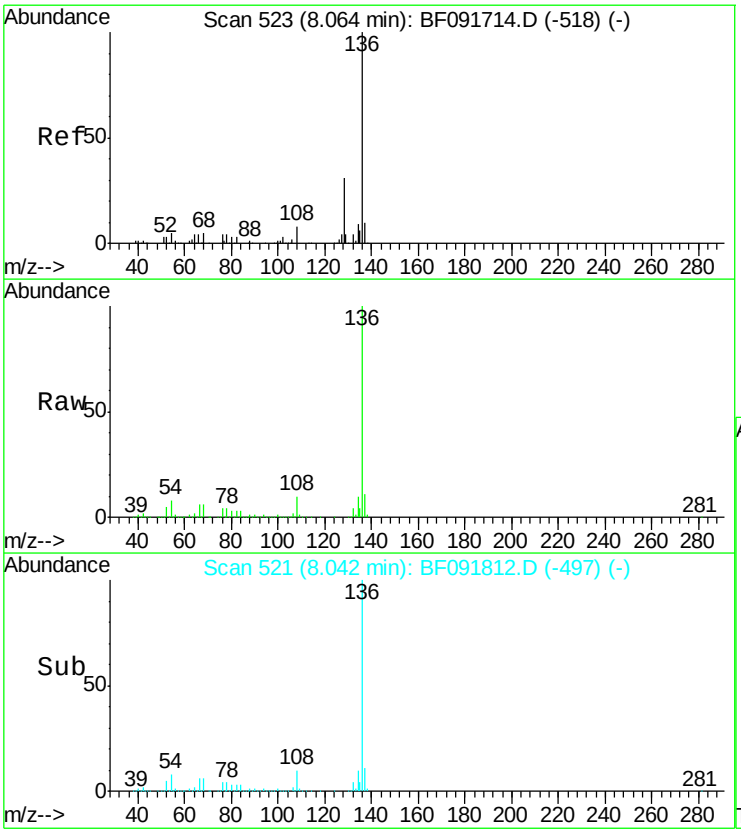
#19
n-Nitroso-di-n-propylamine
Concen: 20.47 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.13 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion: 70 Resp: 185748

Ion	Ratio	Lower	Upper
70	100		
42	46.6	49.4	74.0#
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#

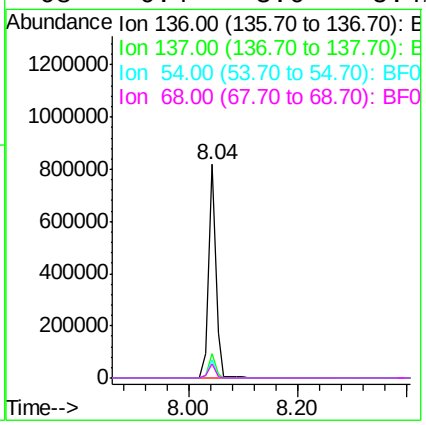


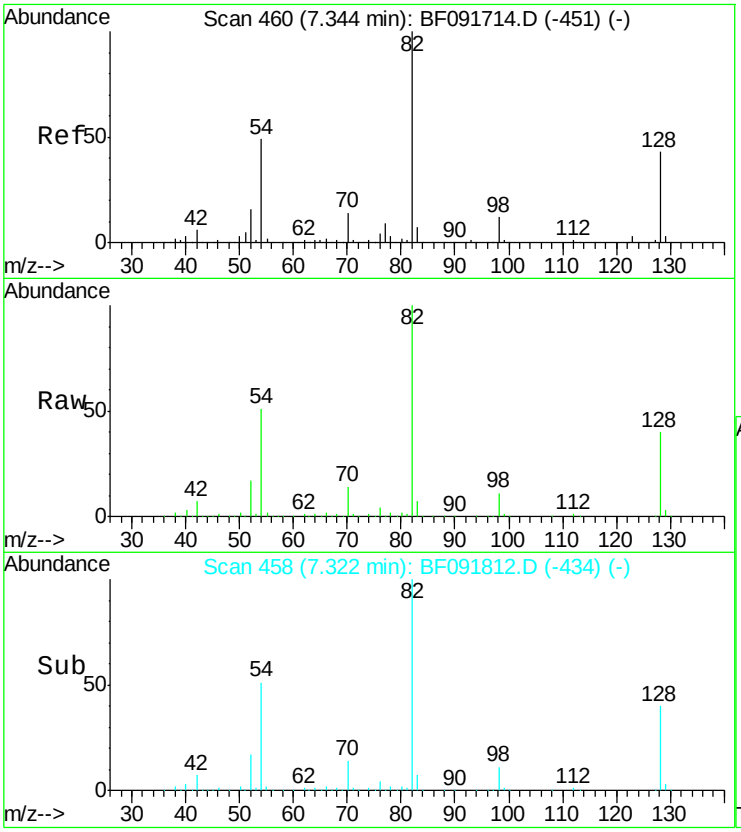


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Tgt Ion:136 Resp: 764573

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	8.4	4.5	6.7#
68	6.4	3.6	5.4#



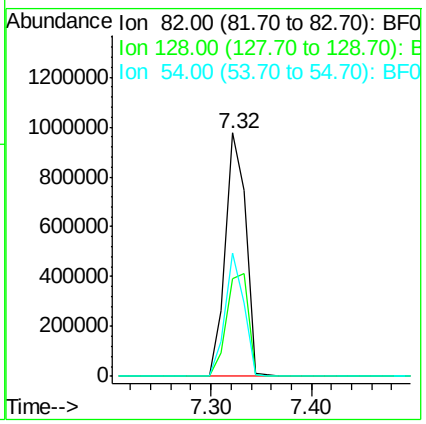


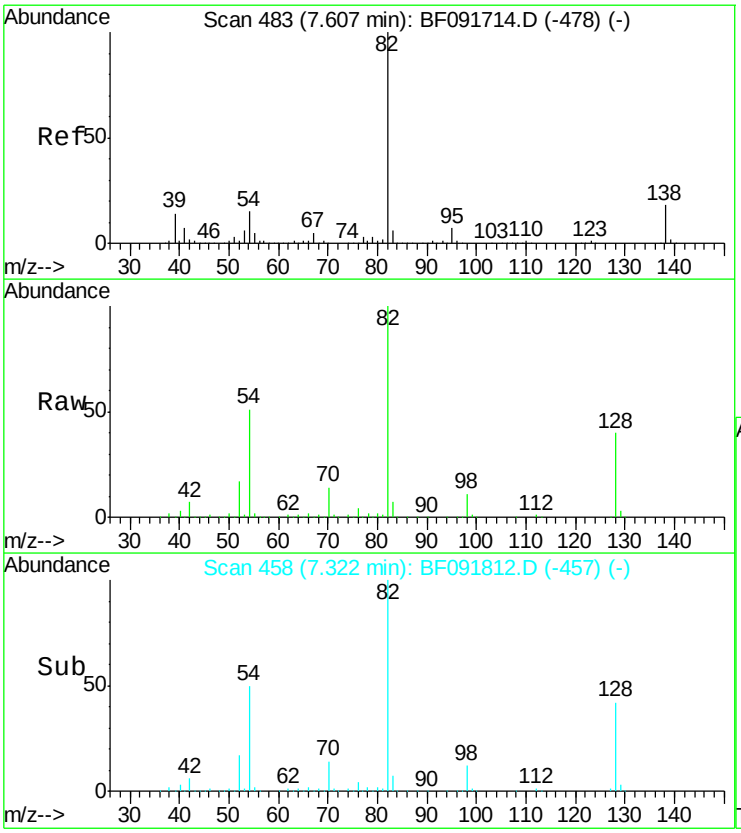
#23
Nitrobenzene-d5
Concen: 104.43 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion: 82 Resp: 1384536

Ion	Ratio	Lower	Upper
82	100		
128	40.2	34.6	52.0
54	50.8	39.5	59.3

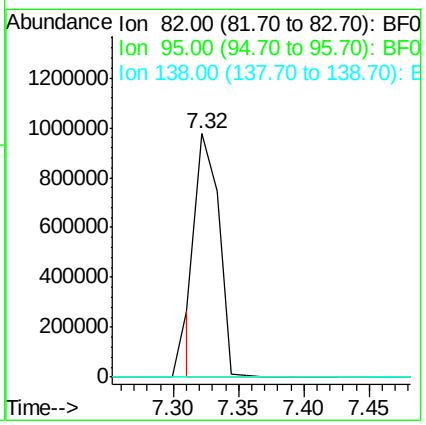


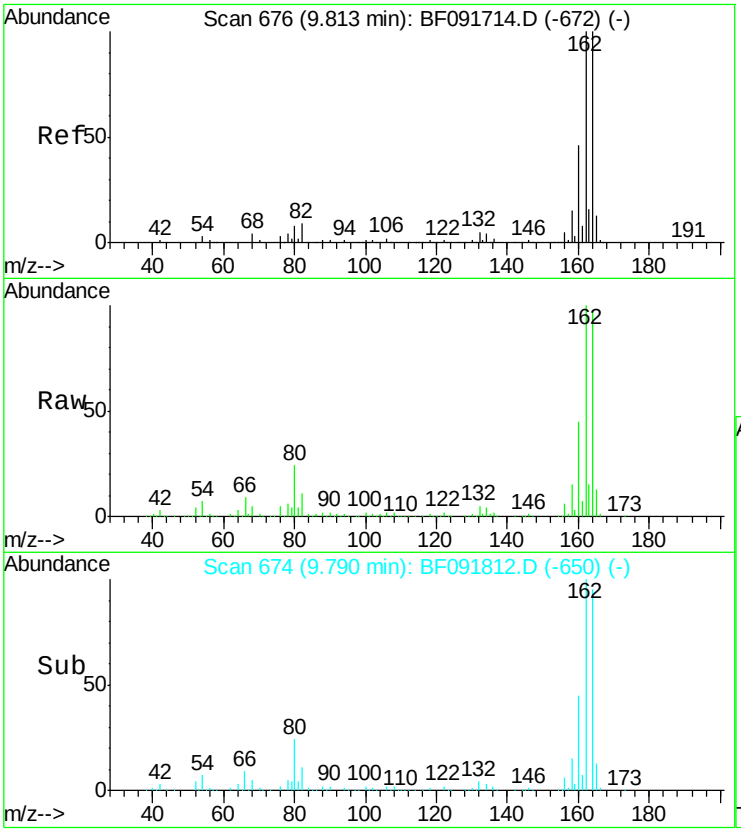


#25
Isophorone
Concen: 47.11 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.29 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Tgt Ion: 82 Resp: 1191705

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



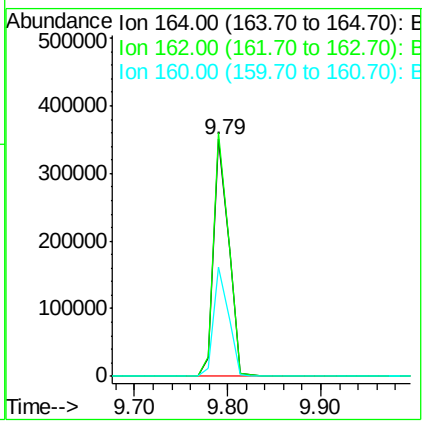


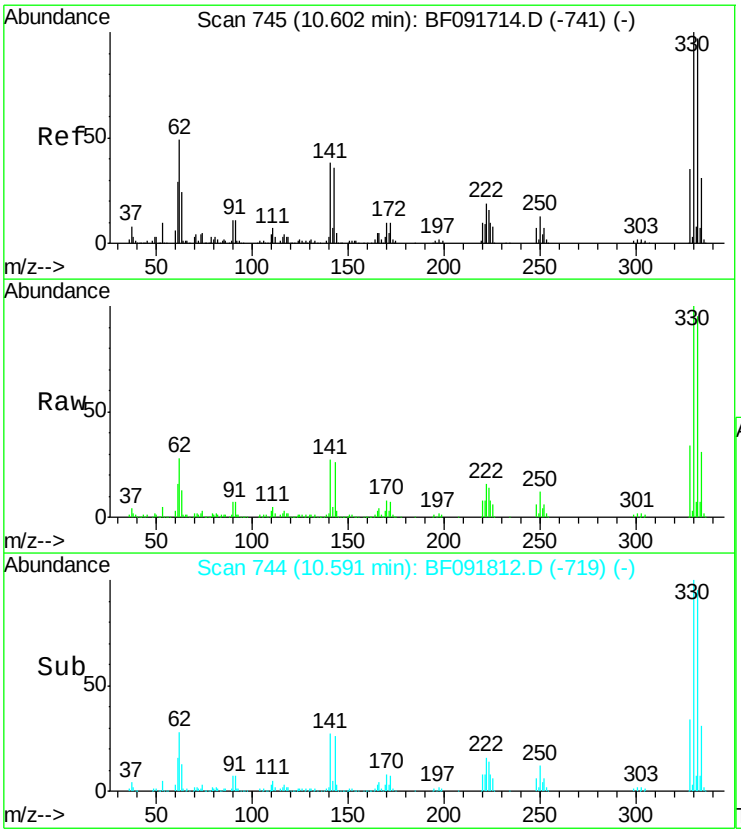
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:164 Resp: 394199

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.2	120.2
160	45.8	36.9	55.3

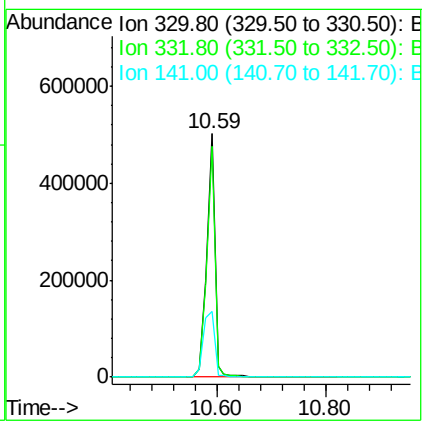


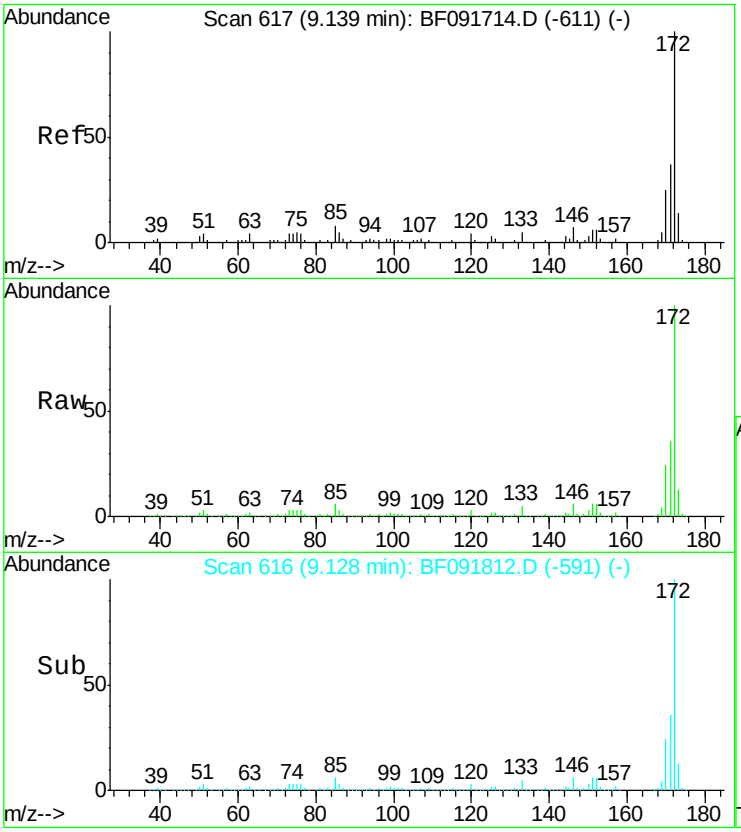


#41
2,4,6-Tribromophenol
Concen: 157.56 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Tgt Ion:330 Resp: 526676

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.2
141	37.6	34.1	51.1



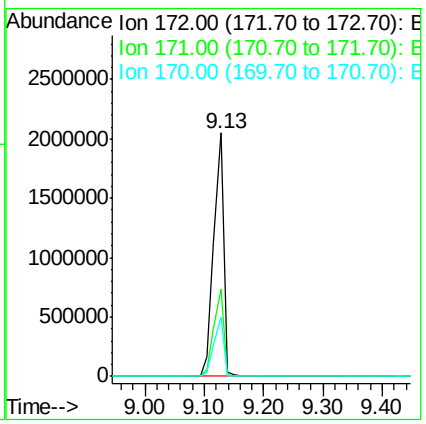


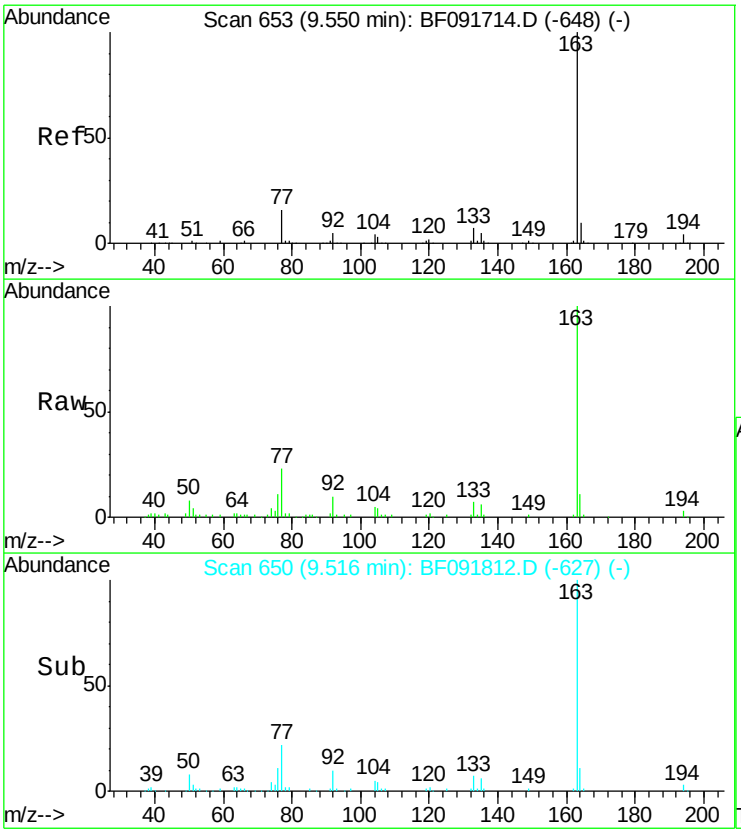
#44
2-Fluorobiphenyl
Concen: 119.69 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:172 Resp: 2348567

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.4	20.2	30.4

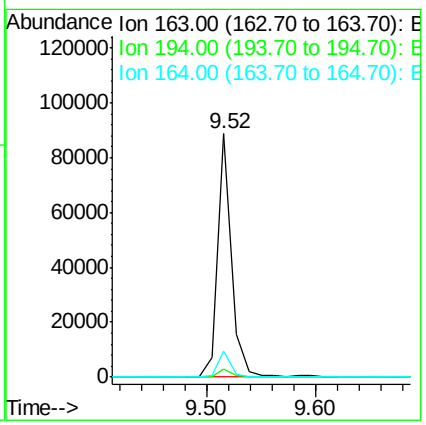


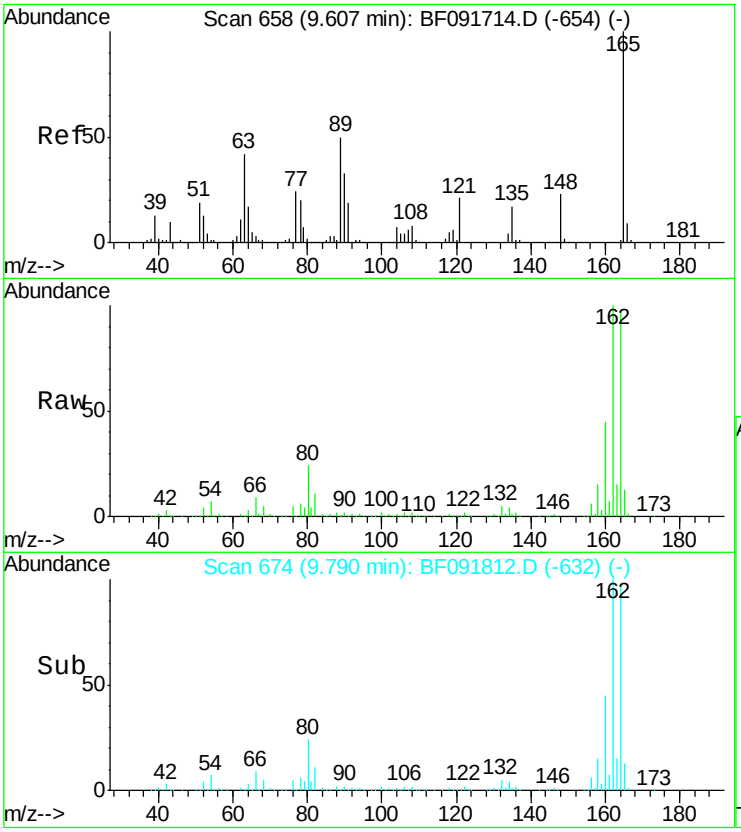


#49
Dimethylphthalate
Concen: 3.10 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Tgt Ion:163 Resp: 79710

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.7	8.0	12.0



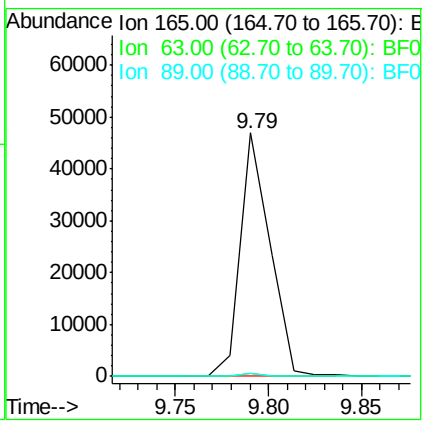


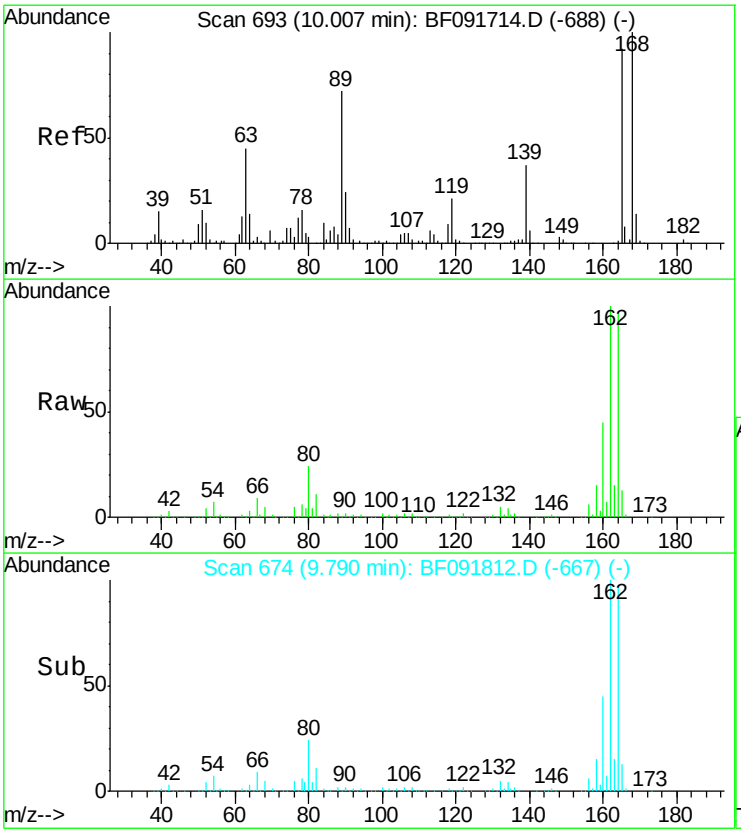
#50
2,6-Dinitrotoluene
Concen: 9.24 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.18 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:165 Resp: 52151

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.2	54.4#
89	1.4	40.2	60.4#

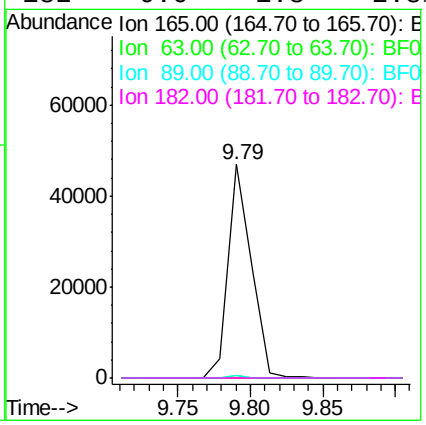


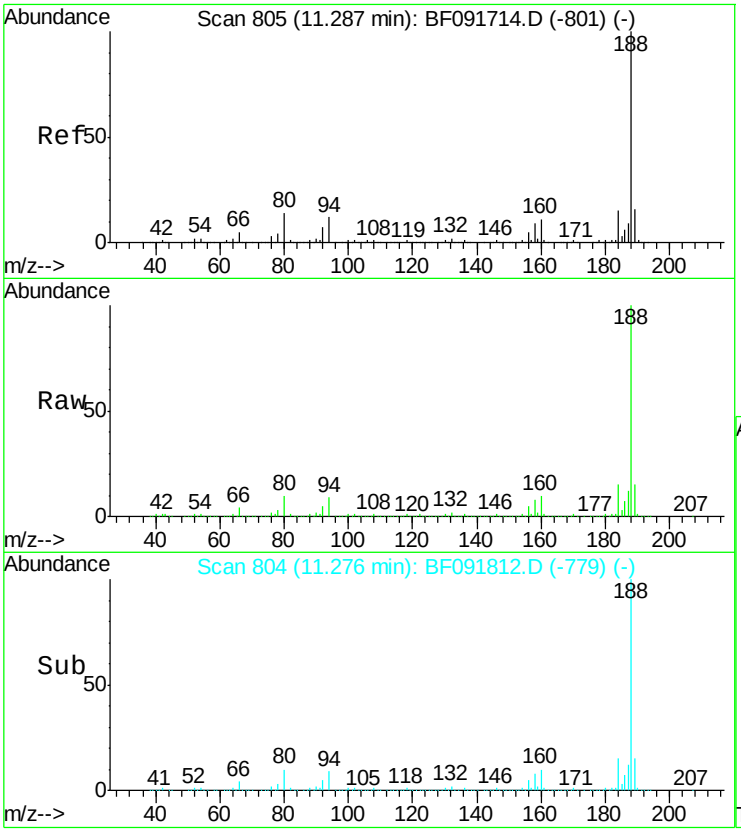


#56
2,4-Dinitrotoluene
Concen: 7.39 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.22 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Tgt Ion:165 Resp: 52144

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#



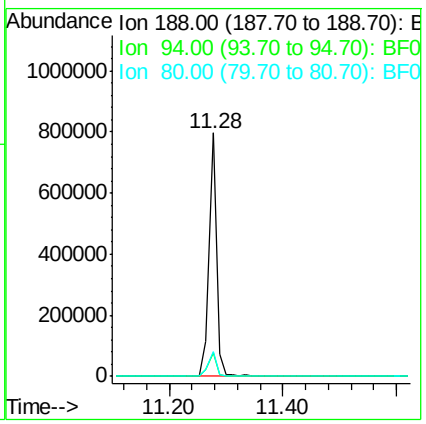


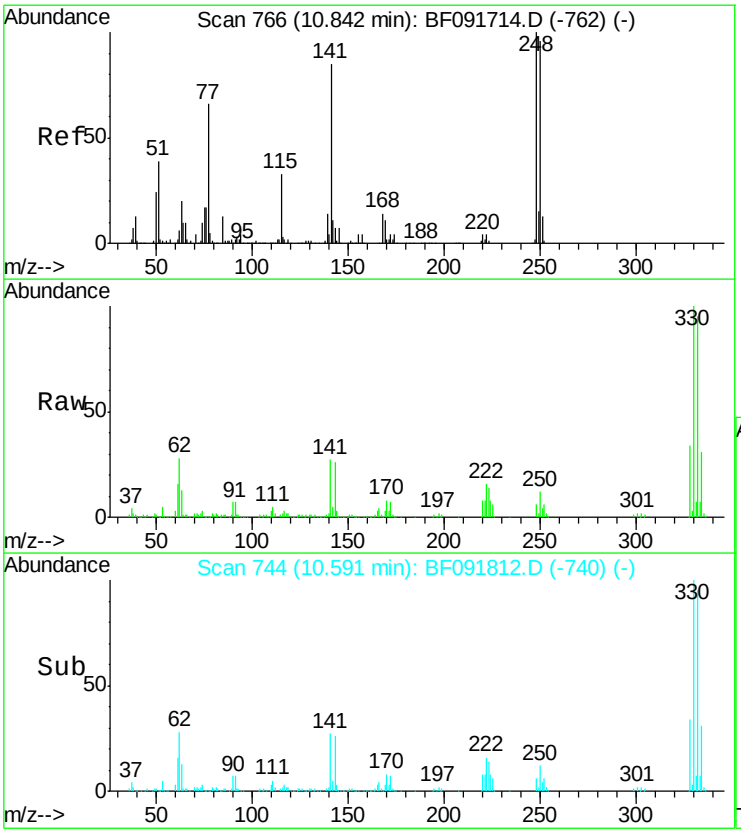
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:188 Resp: 693127

Ion	Ratio	Lower	Upper
188	100		
94	9.5	10.0	15.0#
80	10.1	11.2	16.8#

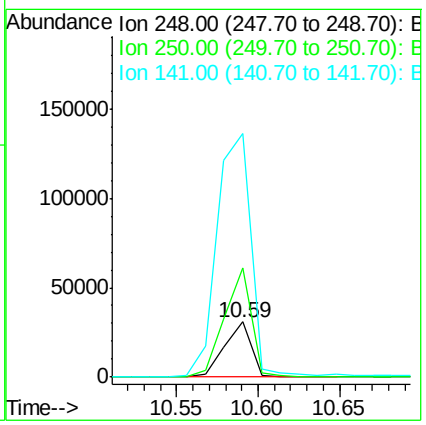


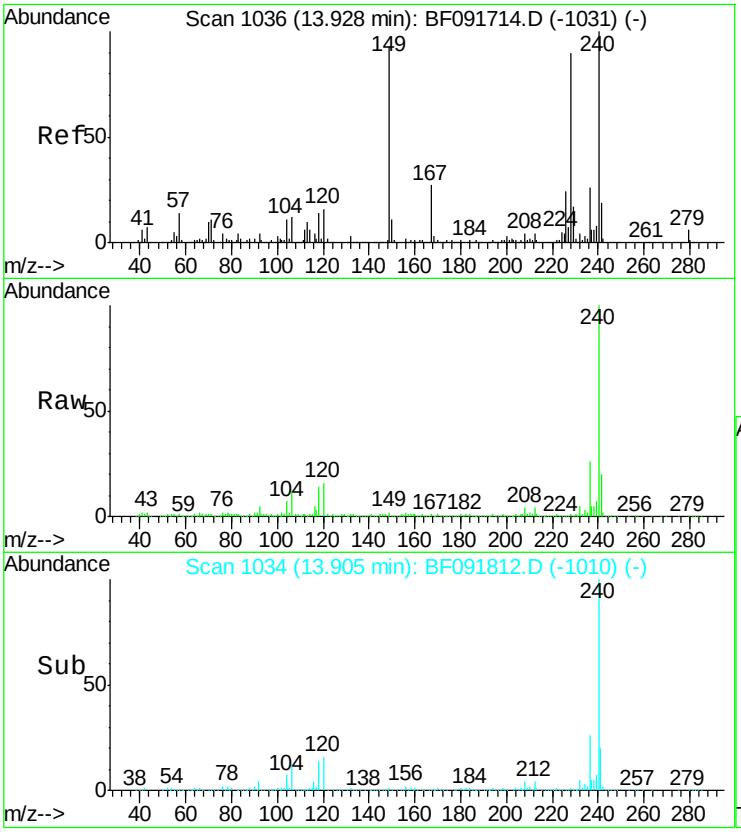


#66
4-Bromophenyl-phenylether
Concen: 4.80 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Tgt Ion:248 Resp: 34899

Ion	Ratio	Lower	Upper
248	100		
250	199.1	76.9	115.3#
141	442.1	68.2	102.4#



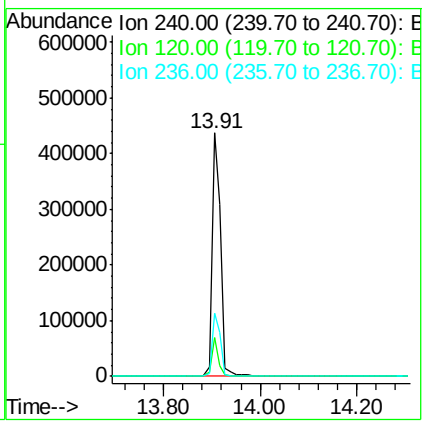


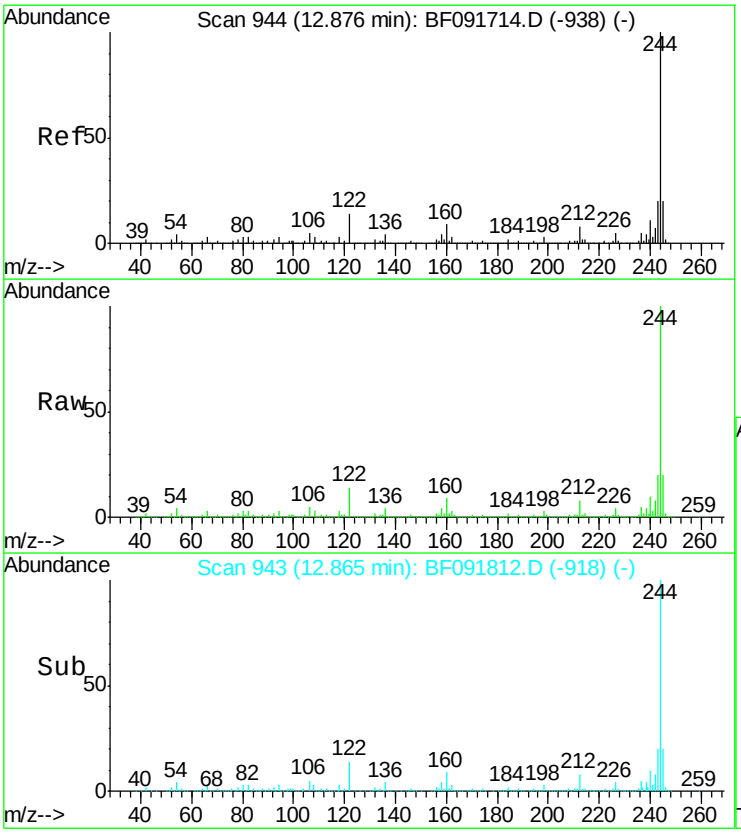
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:240 Resp: 555968

Ion	Ratio	Lower	Upper
240	100		
120	16.0	12.9	19.3
236	26.0	20.9	31.3

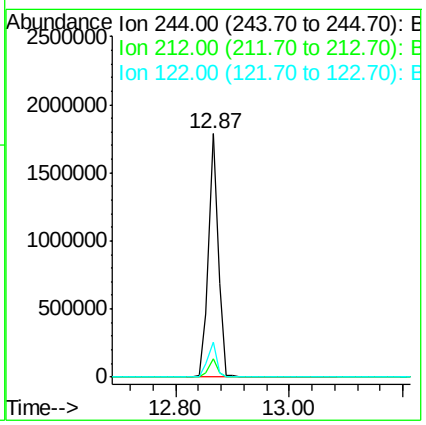


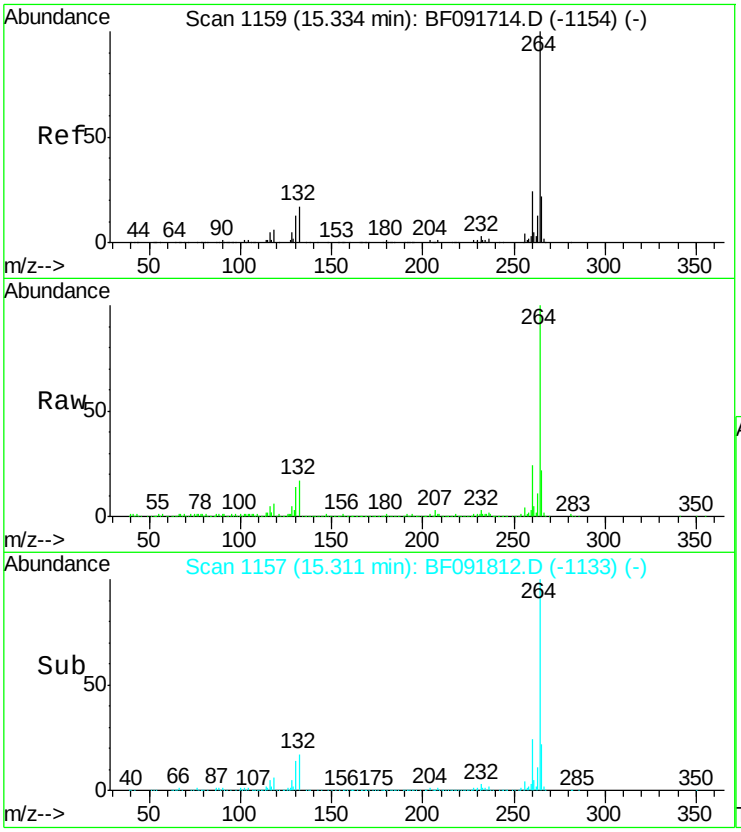


#78
Terphenyl-d14
Concen: 93.92 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF091812.D
Acq: 20 Dec 2016 11:36

Tgt Ion:244 Resp: 2067990

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	14.3	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: BF091812.D
Acq: 20 Dec 2016 11:36

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:264 Resp: 425867

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	17.4	26.0