Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
Data File : BF091798.D
Acq On : 20 Dec 2016 2:48
Operator : UM/SJ
Sample : H6165-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SBW-5

Quant Time: Dec 20 03:18:34 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	235059	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	942050	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	458347	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	767288	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	552242	20.00	ng	-0.02
86) Perylene-d12	15.30	264	446263	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1026722	73.18	ng	0.00
7) Phenol-d6	6.40	99	654266	38.24	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1277813	78.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	426431	109.72	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2363016	103.57	ng	-0.01
78) Terphenyl-d14	12.87	244	1812100	82.85	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.40	77	921	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	166486	14.63	ng	# 77
25) Isophorone	7.32	82	1029816	33.04	ng	# 65
49) Dimethylphthalate	9.52	163	149688	5.00	ng	98
50) 2,6-Dinitrotoluene	9.79	165	59267	9.03	ng	# 31
56) 2,4-Dinitrotoluene	9.79	165	59267	7.23	ng	# 20
66) 4-Bromophenyl-phenylether	10.58	248	24477	3.04	ng	# 1

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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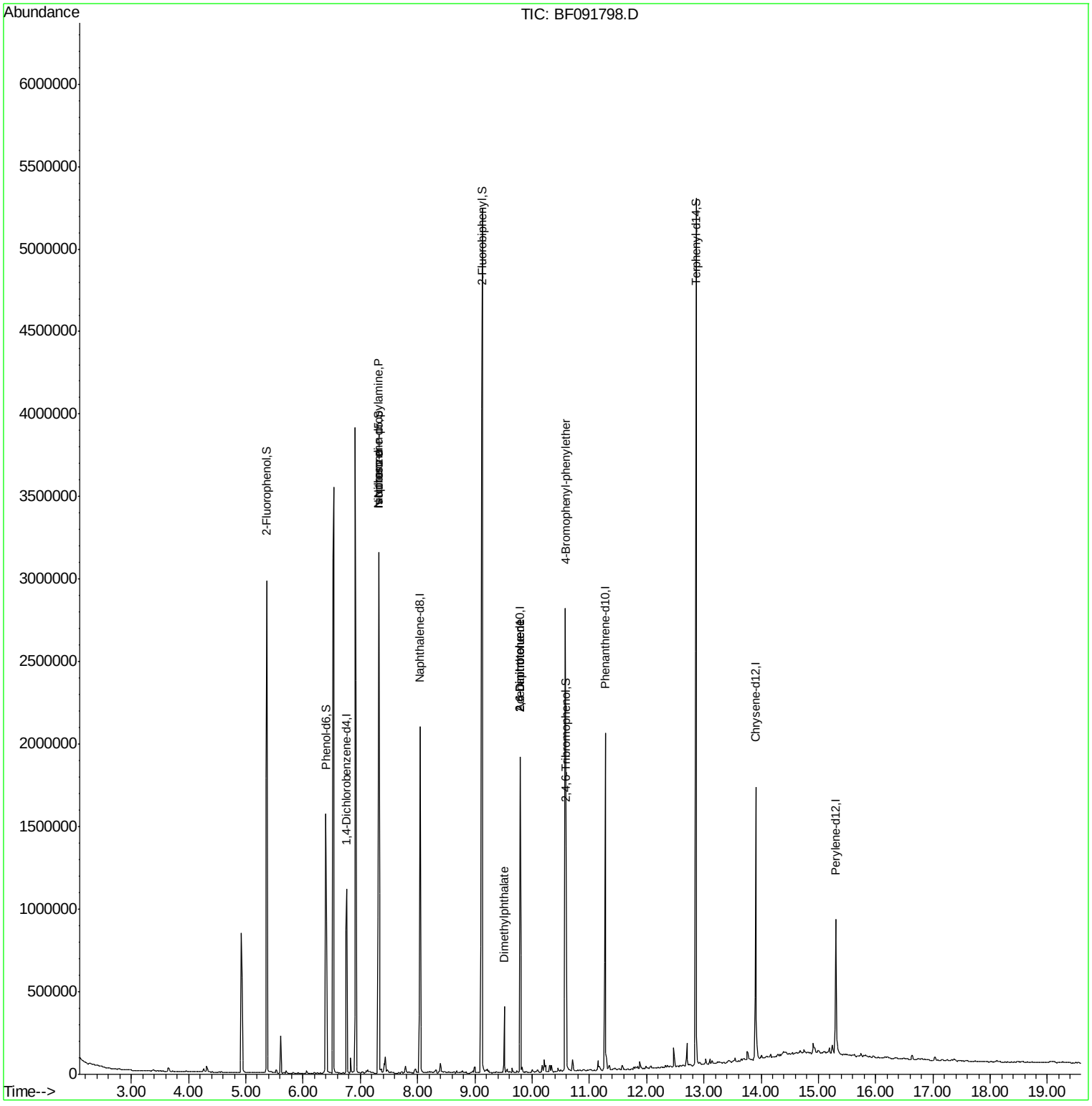
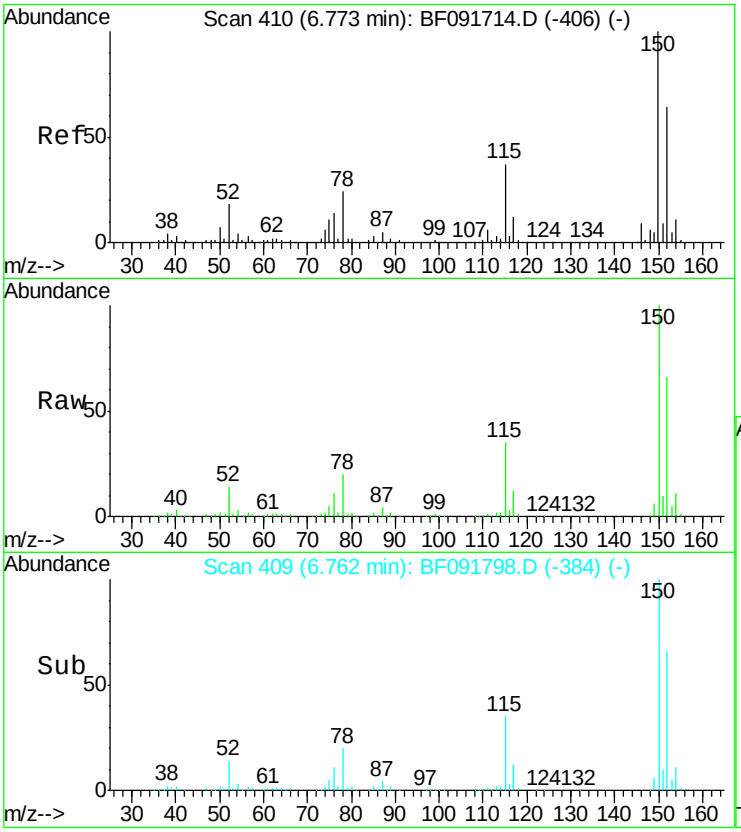


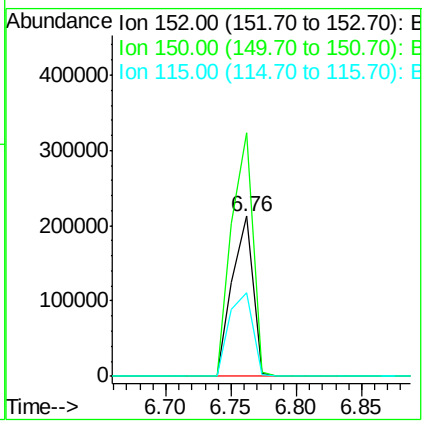


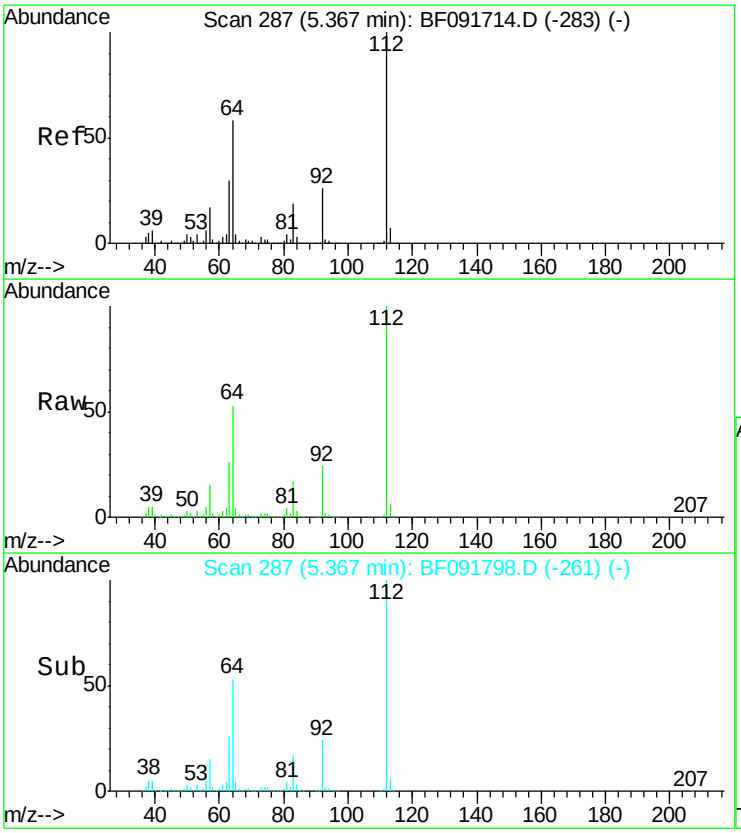
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SBW-5

Tgt Ion:152 Resp: 235059

Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.9	187.3
115	52.6	46.0	69.0

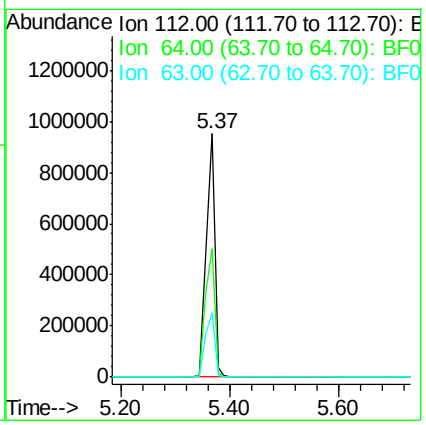


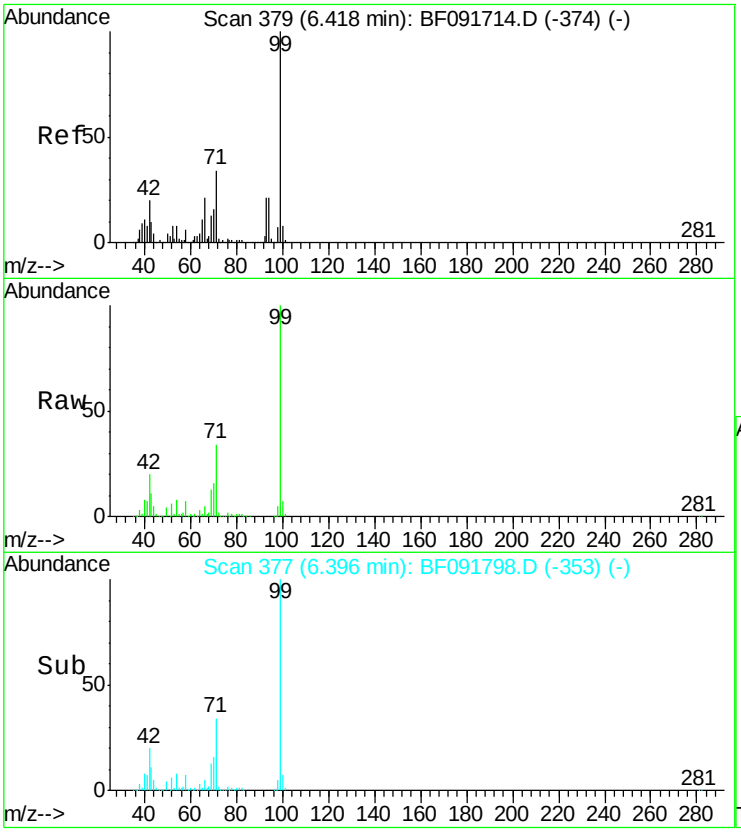


#5
2-Fluorophenol
Concen: 73.18 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Tgt Ion:112 Resp: 1026722

Ion	Ratio	Lower	Upper
112	100		
64	52.7	46.1	69.1
63	26.4	23.8	35.6



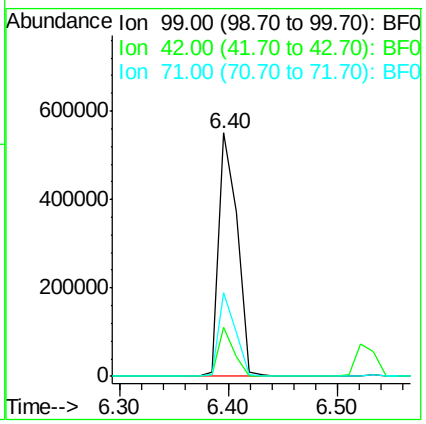


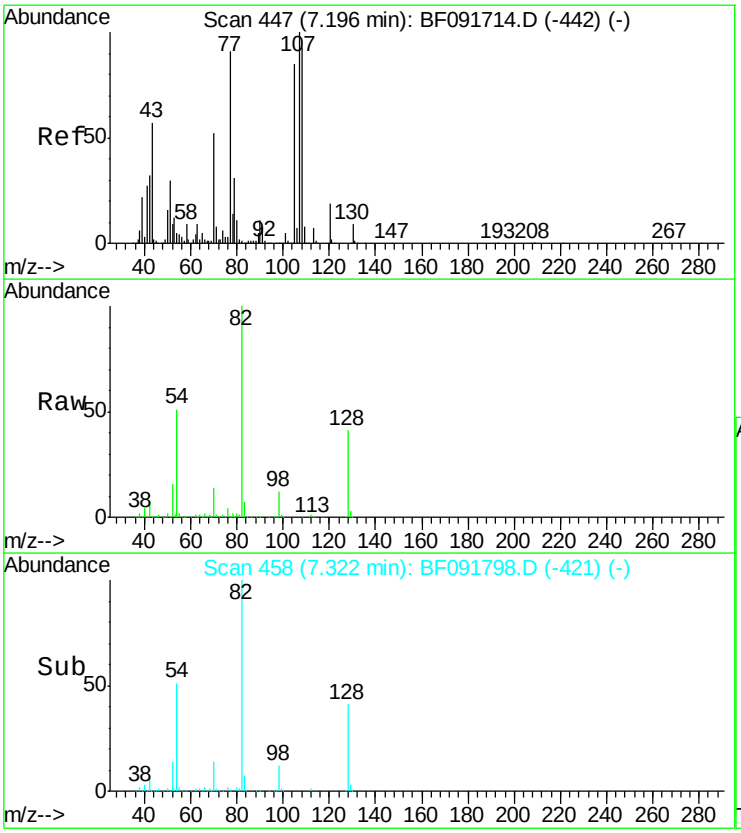
#7
Phenol-d6
Concen: 38.24 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SBW-5

Tgt Ion: 99 Resp: 654266

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.6	23.4
71	34.2	27.5	41.3

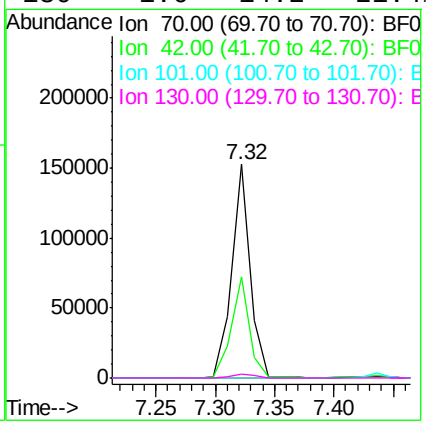


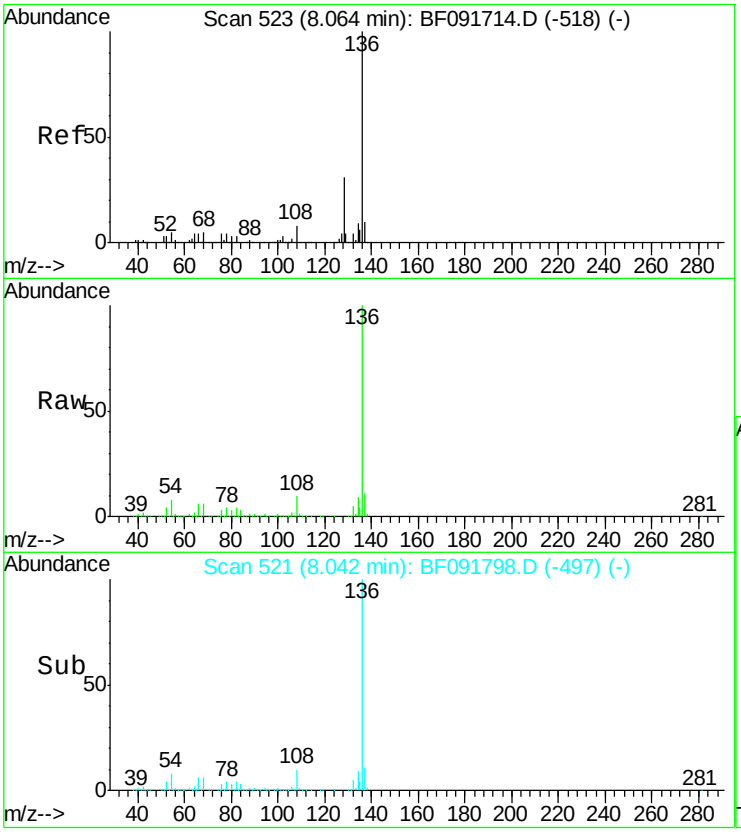


#19
n-Nitroso-di-n-propylamine
Concen: 14.63 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.13 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Tgt Ion: 70 Resp: 166486

Ion	Ratio	Lower	Upper
70	100		
42	47.6	49.4	74.0#
101	0.0	7.4	11.2#
130	1.6	14.2	21.4#



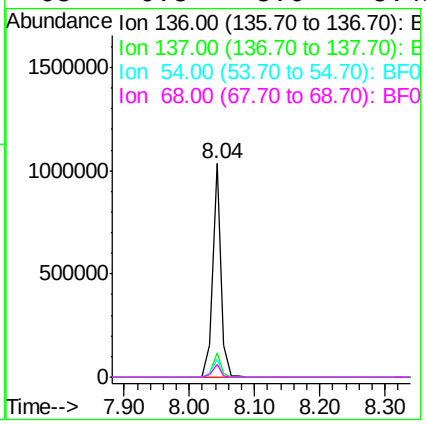


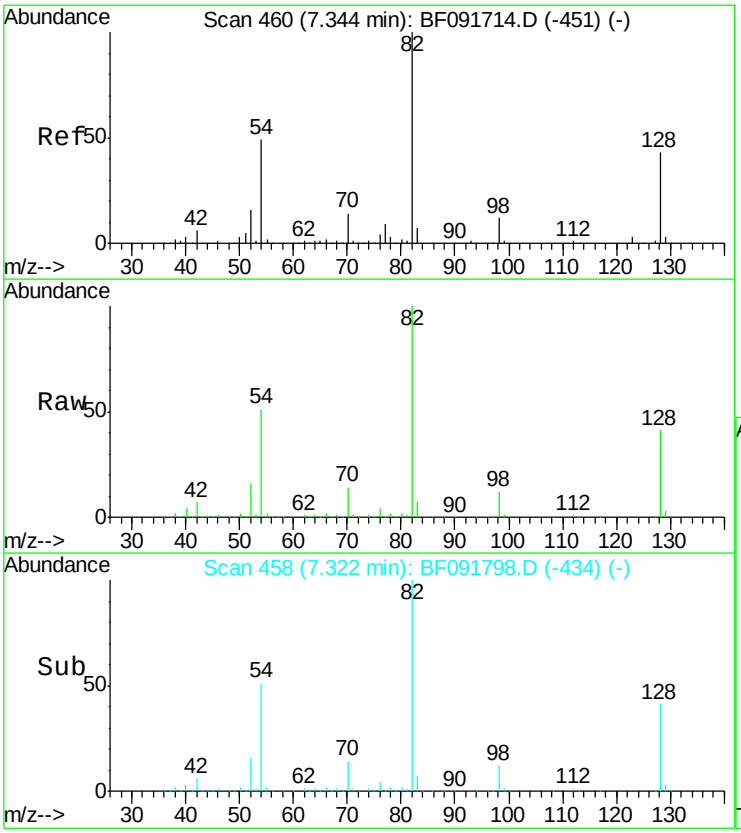
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SBW-5

Tgt Ion:136 Resp: 942050

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.4	4.5	6.7#
68	6.3	3.6	5.4#

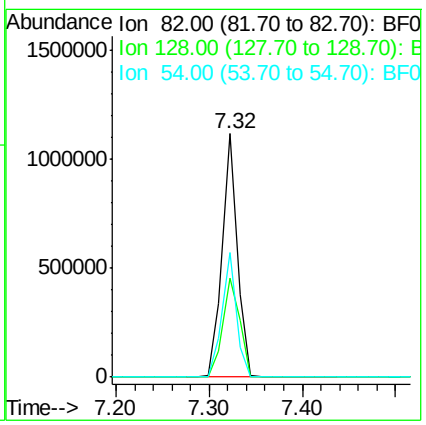


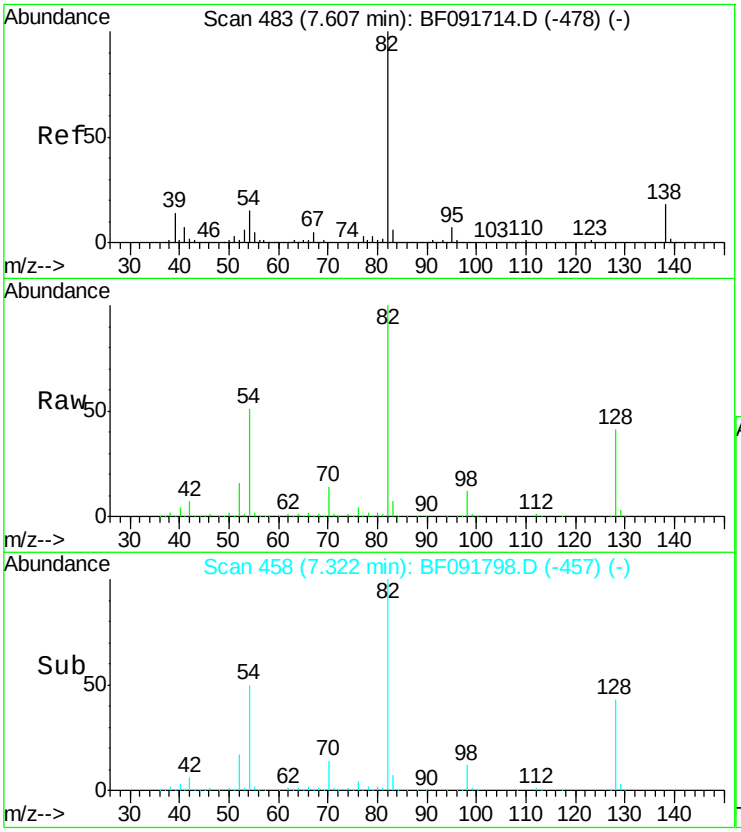


#23
Nitrobenzene-d5
Concen: 78.22 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Tgt Ion: 82 Resp: 1277813

Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.6	52.0
54	51.2	39.5	59.3



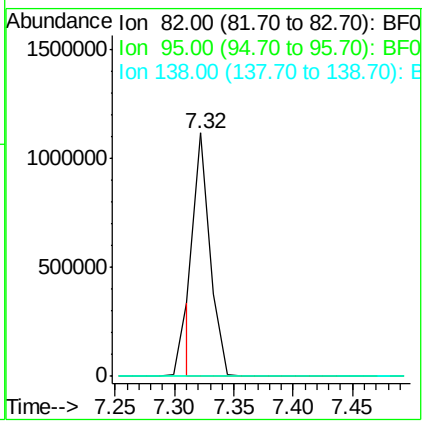


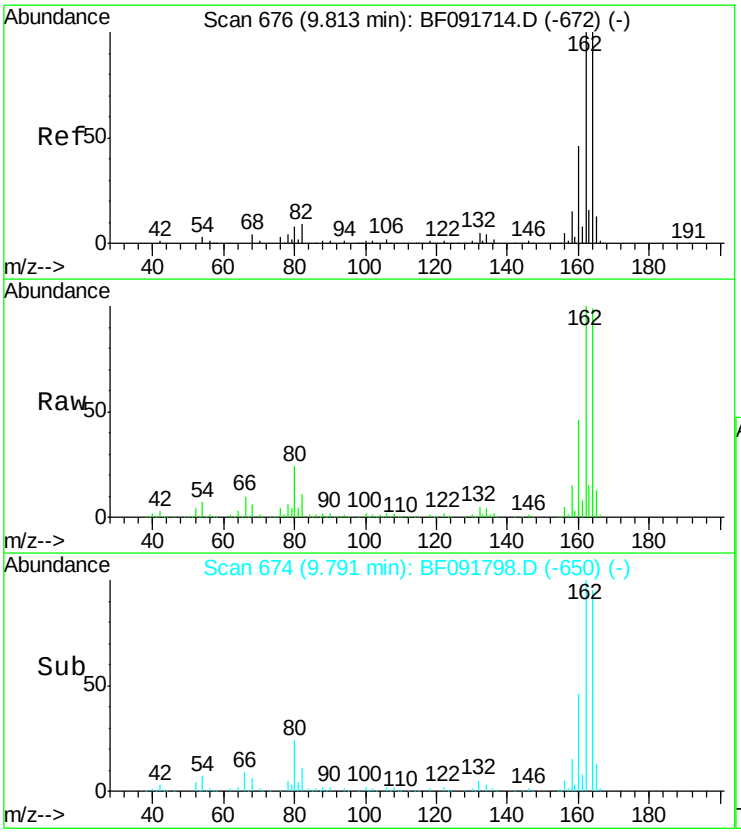
#25
Isophorone
Concen: 33.04 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.29 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SBW-5

Tgt Ion: 82 Resp: 1029816

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

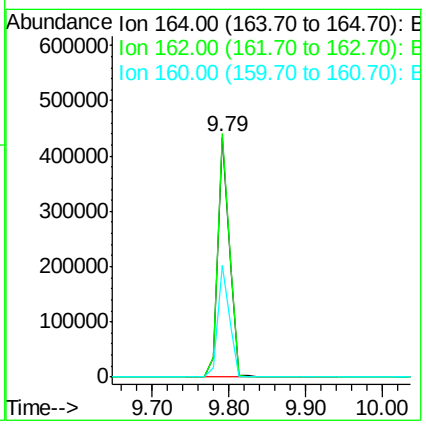


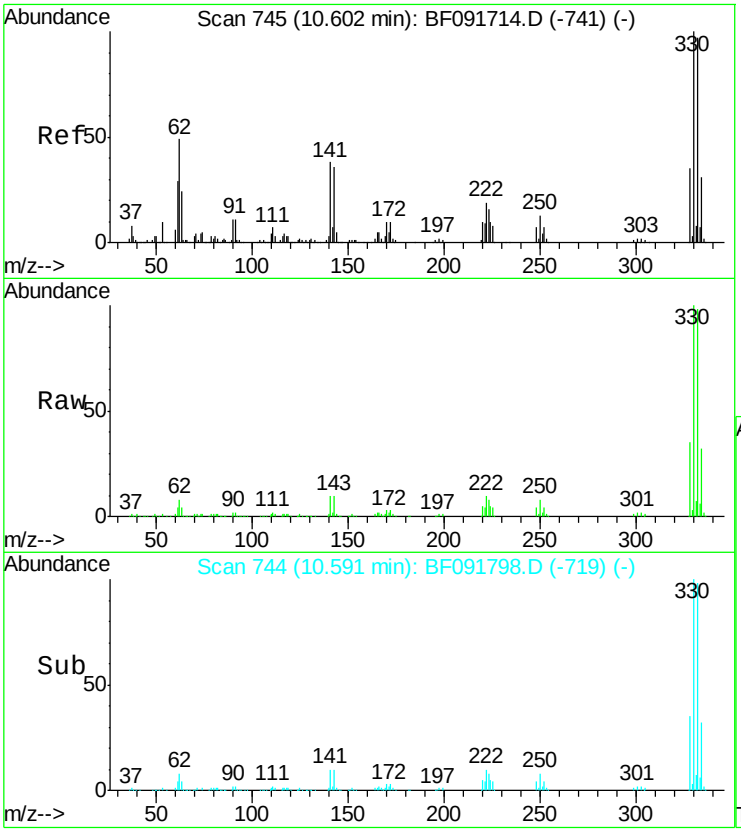


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Tgt Ion:164 Resp: 458347

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.2	120.2
160	46.4	36.9	55.3



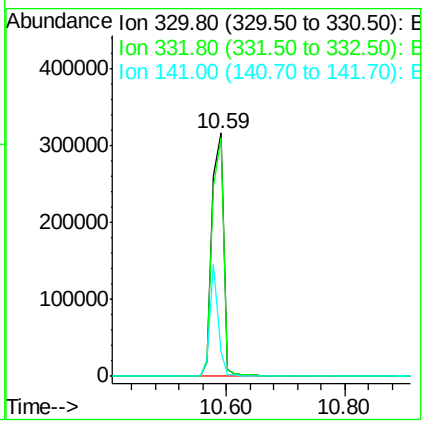


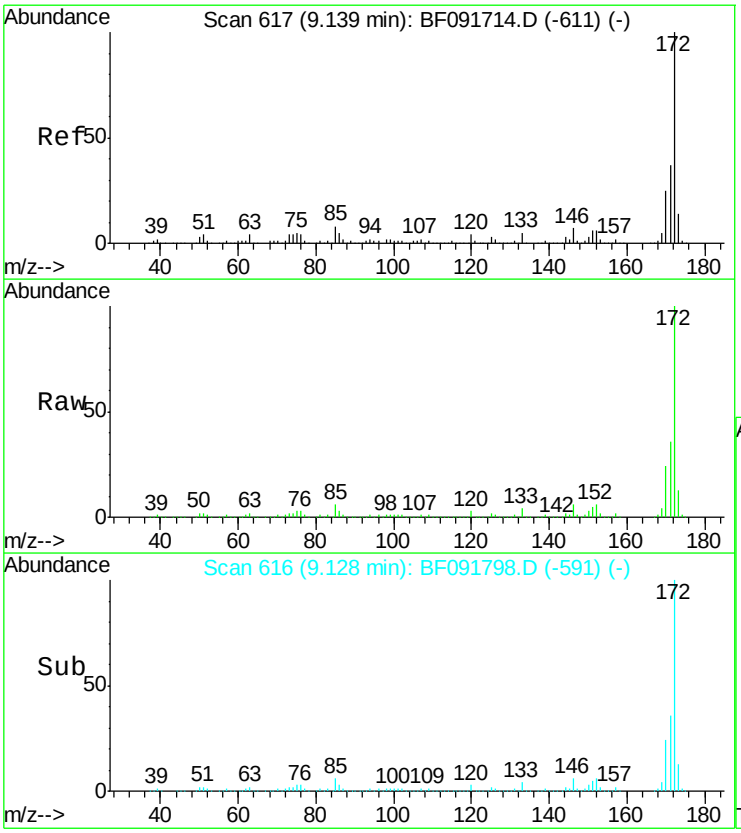
#41
2,4,6-Tribromophenol
Concen: 109.72 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SBW-5

Tgt Ion:330 Resp: 426431

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	33.4	34.1	51.1#

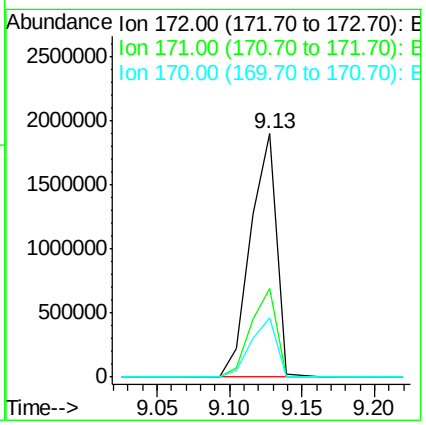


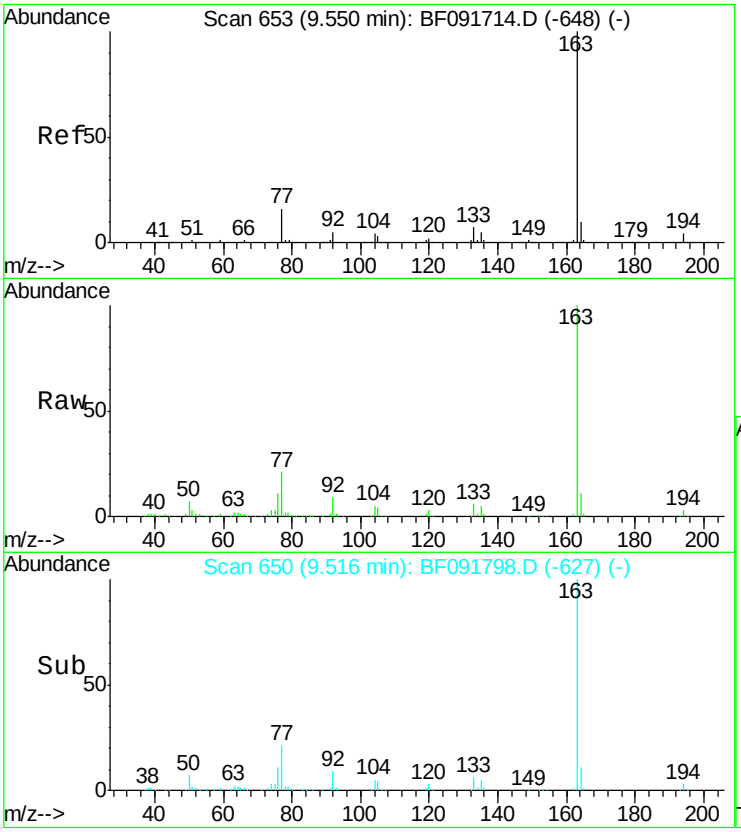


#44
2-Fluorobiphenyl
Concen: 103.57 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Tgt Ion:172 Resp: 2363016

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.4	20.2	30.4



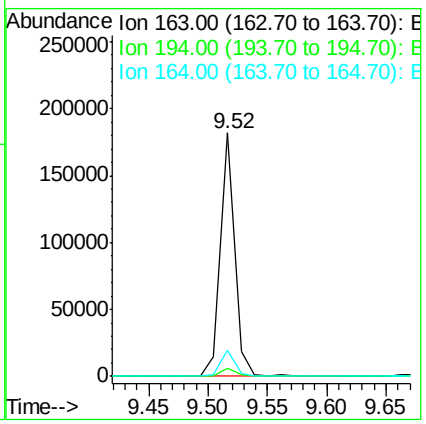


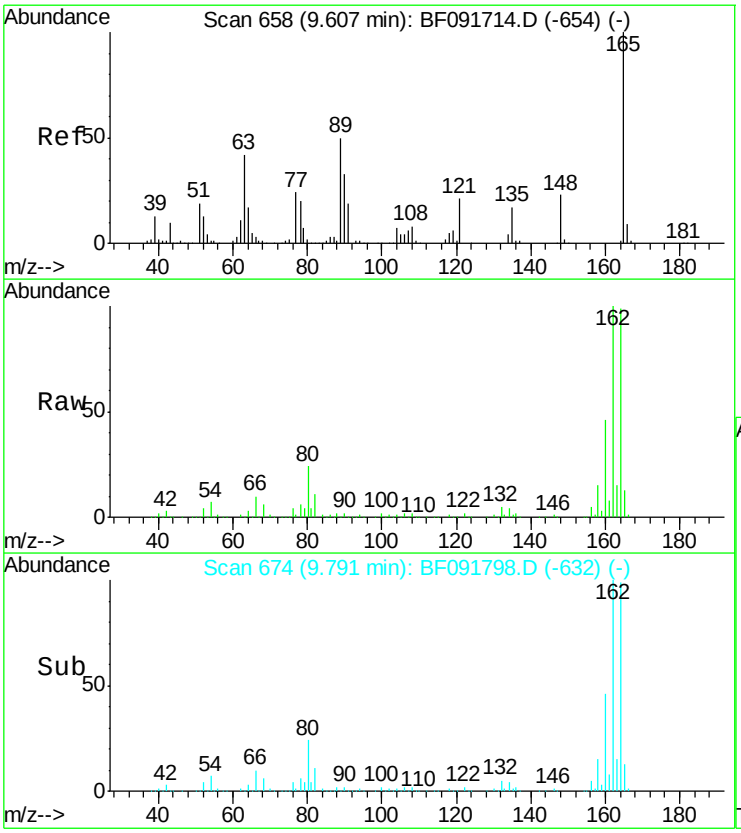
#49
Dimethylphthalate
Concen: 5.00 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SBW-5

Tgt Ion:163 Resp: 149688

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.6	8.0	12.0

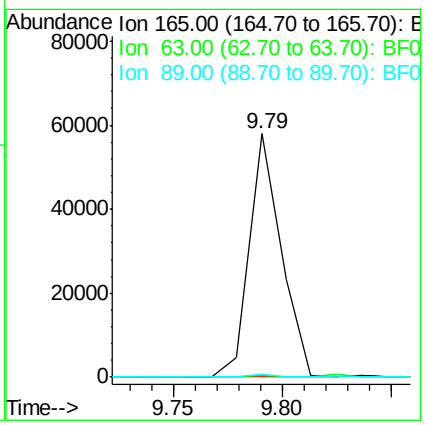


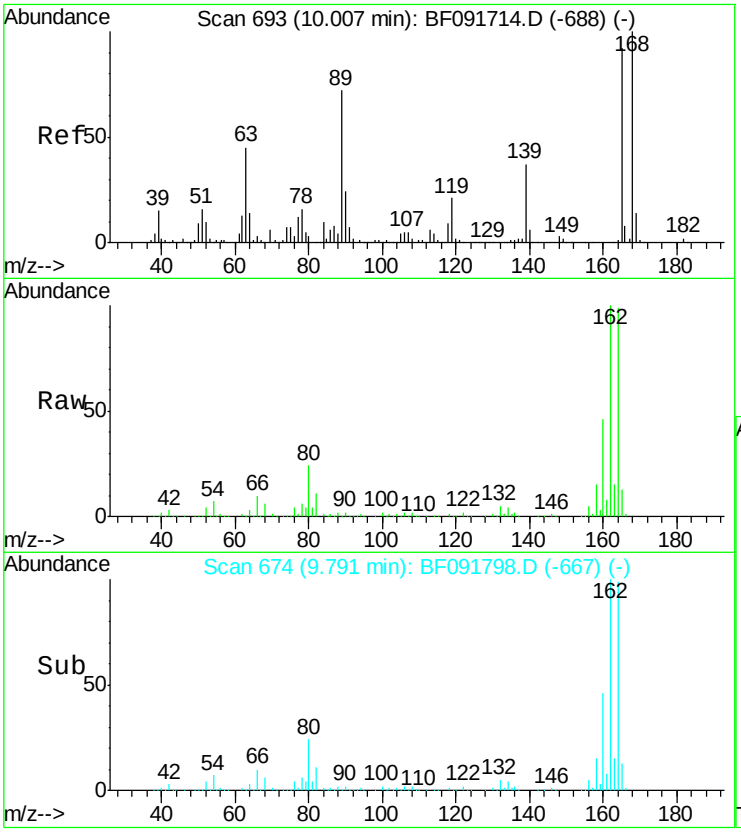


#50
2,6-Dinitrotoluene
Concen: 9.03 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.18 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Tgt Ion:165 Resp: 59267

Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.2	54.4#
89	1.4	40.2	60.4#



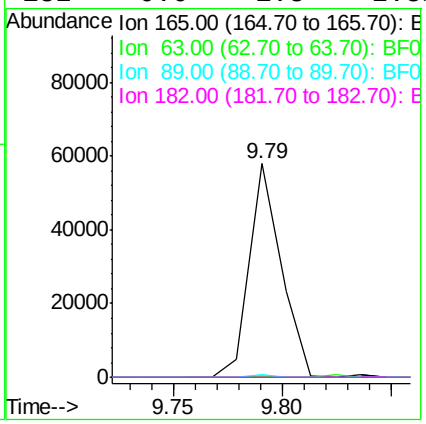


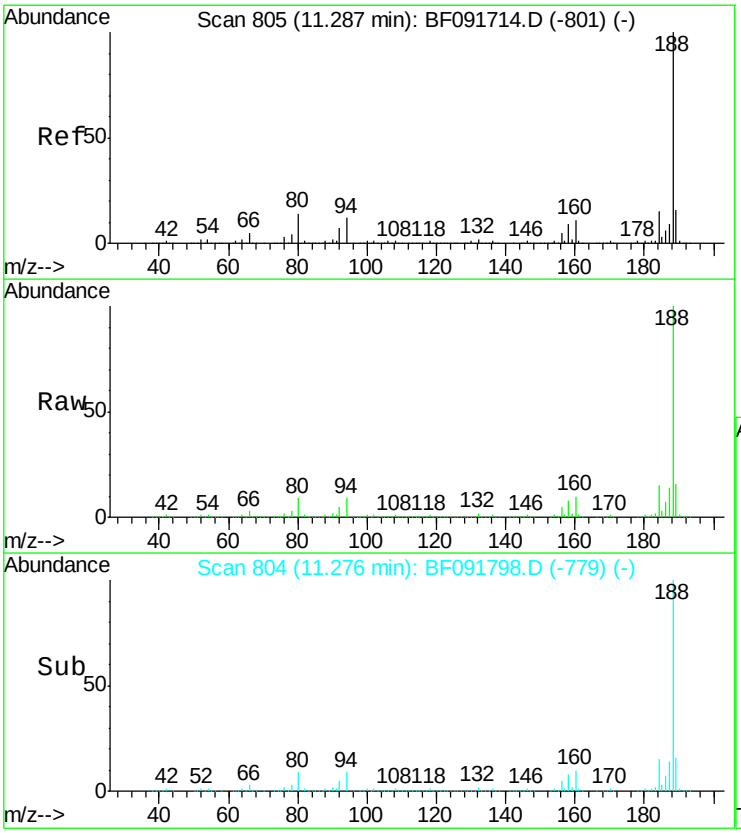
#56
2,4-Dinitrotoluene
Concen: 7.23 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.22 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SBW-5

Tgt Ion:165 Resp: 59267

Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#

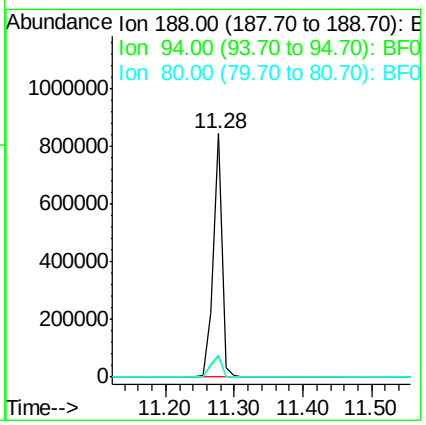


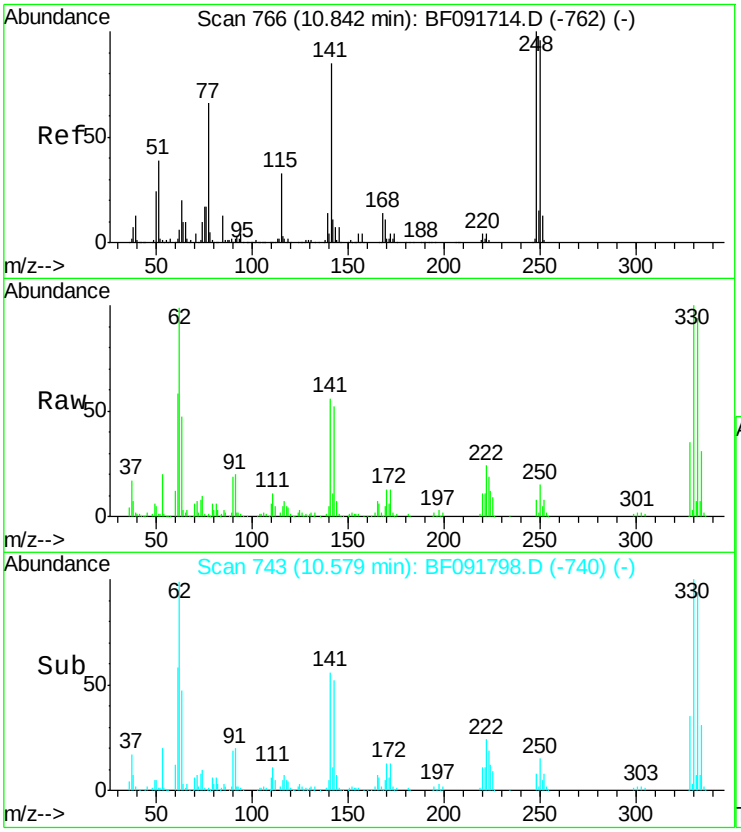


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Tgt Ion:188 Resp: 767288

Ion	Ratio	Lower	Upper
188	100		
94	8.6	10.0	15.0#
80	8.9	11.2	16.8#



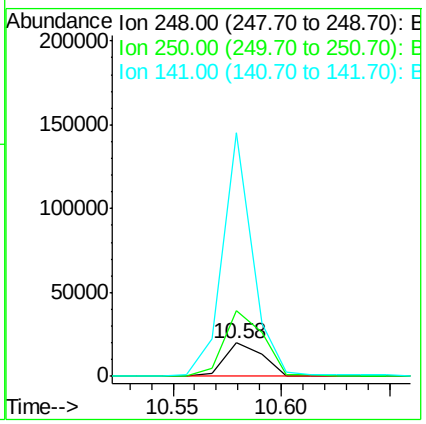


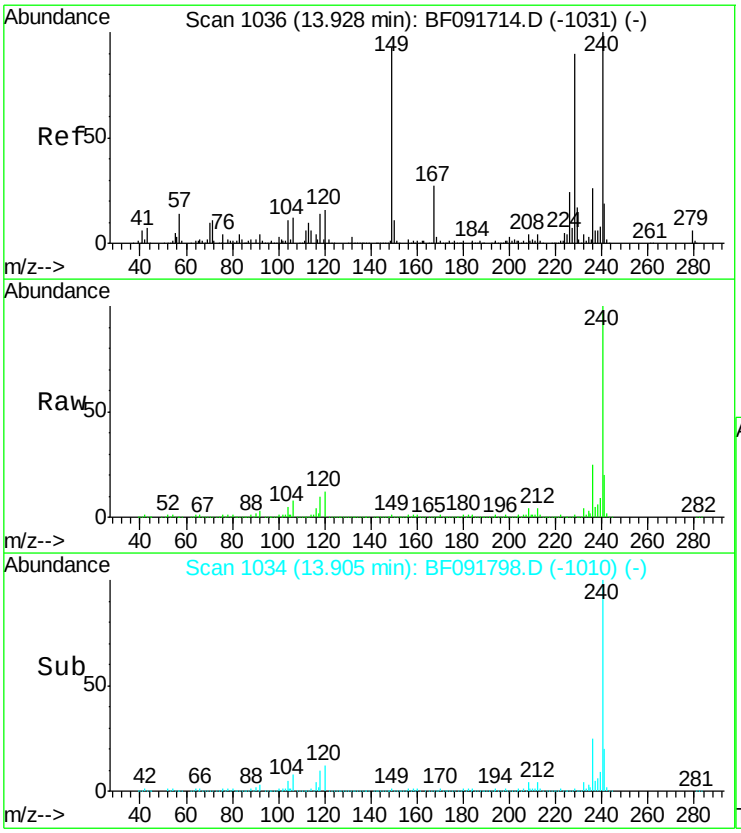
#66
4-Bromophenyl-phenylether
Concen: 3.04 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.26 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SBW-5

Tgt Ion:248 Resp: 24477

Ion	Ratio	Lower	Upper
248	100		
250	195.7	76.9	115.3#
141	728.1	68.2	102.4#

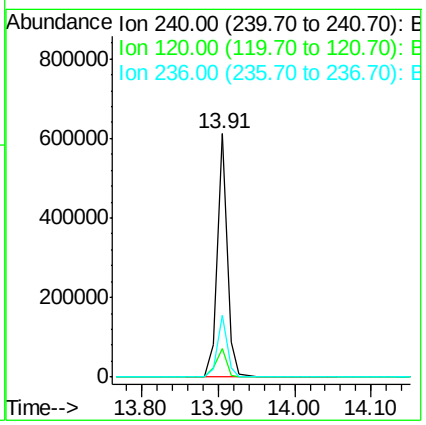


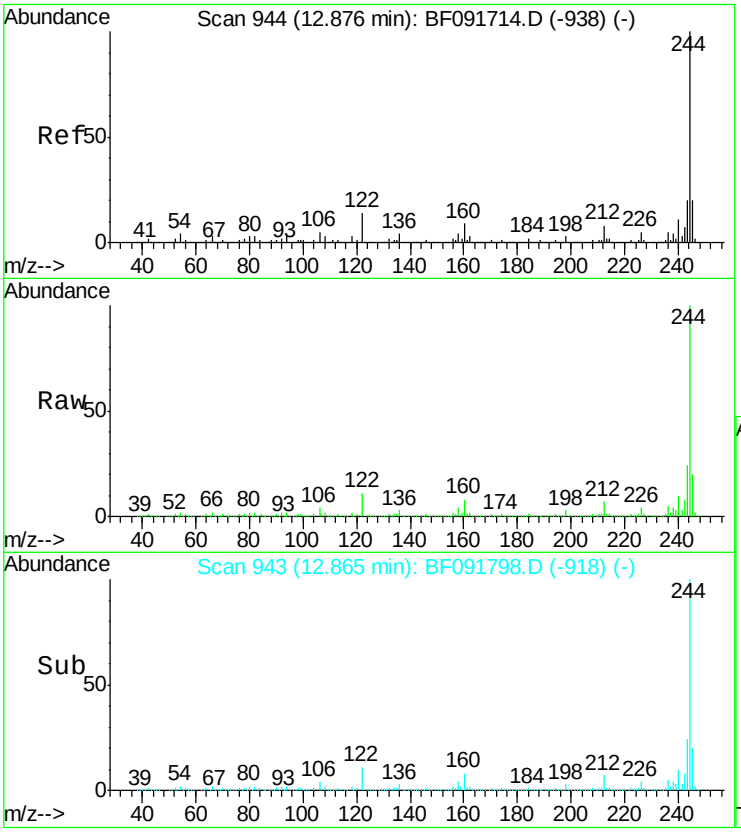


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Tgt Ion:240 Resp: 552242

Ion	Ratio	Lower	Upper
240	100		
120	11.8	12.9	19.3#
236	25.5	20.9	31.3



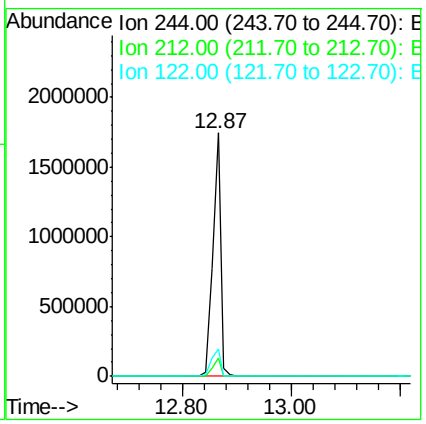


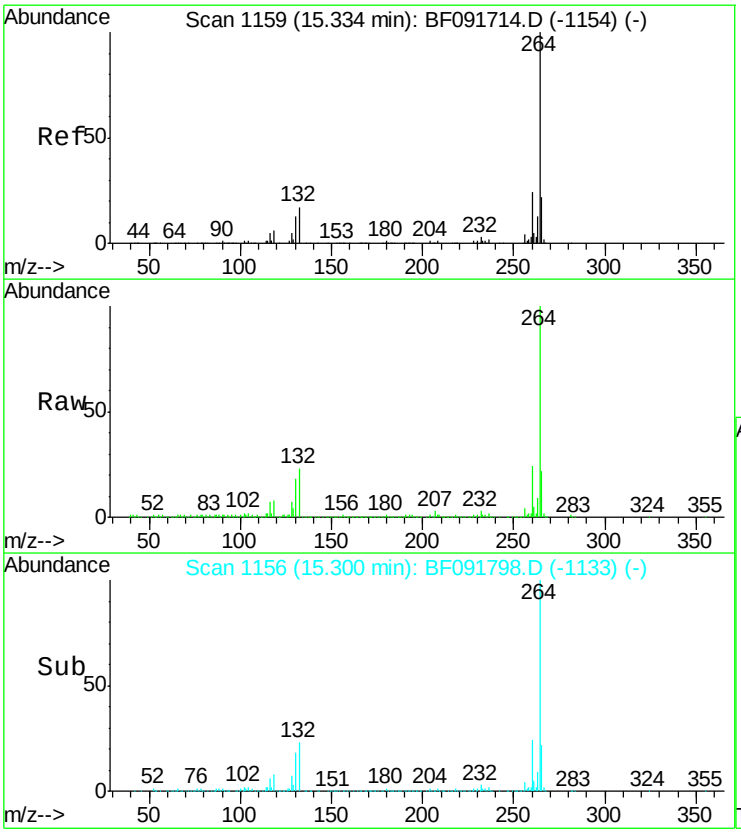
#78
Terphenyl-d14
Concen: 82.85 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SBW-5

Tgt Ion:244 Resp: 1812100

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	11.4	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Tgt Ion:264 Resp: 446263

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.8	17.4	26.0