Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
Data File : BF092216.D
Acq On : 12 Jan 2017 19:14
Operator : UM/SJ
Sample : I1029-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-0010

Quant Time: Jan 12 23:43:13 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	172940	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	703995	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	336880	20.00	ng	-0.06
63) Phenanthrene-d10	11.11	188	555137	20.00	ng	-0.05
75) Chrysene-d12	13.73	240	339253	20.00	ng	-0.06
86) Perylene-d12	15.09	264	337629	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1101853	106.38	ng	-0.03
7) Phenol-d6	6.26	99	1522862	120.43	ng	-0.05
23) Nitrobenzene-d5	7.17	82	931375	73.57	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	384903	138.06	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1501866	92.48	ng	-0.05
78) Terphenyl-d14	12.70	244	1296913	92.71	ng	-0.05
Target Compounds						Qvalue
10) Phenol	6.28	94	90076	6.25	ng	# 67
19) n-Nitroso-di-n-propylamine	7.17	70	126662	15.06	ng	# 76
25) Isophorone	7.17	82	920189	39.40	ng	# 65
37) 2-Methylnaphthalene	8.60	142	720	Below Cal		90
49) Dimethylphthalate	9.36	163	159179	7.39	ng	99
56) 2,4-Dinitrotoluene	9.62	165	43360	7.33	ng	# 20
66) 4-Bromophenyl-phenylether	10.42	248	24014	4.16	ng	# 1
71) Anthracene	11.13	178	14426	Below Cal		99
73) Di-n-butylphthalate	11.68	149	17076	Below Cal		99
74) Fluoranthene	12.31	202	31904	Below Cal		100
76) Benzidine	12.69	184	16885	Below Cal		98

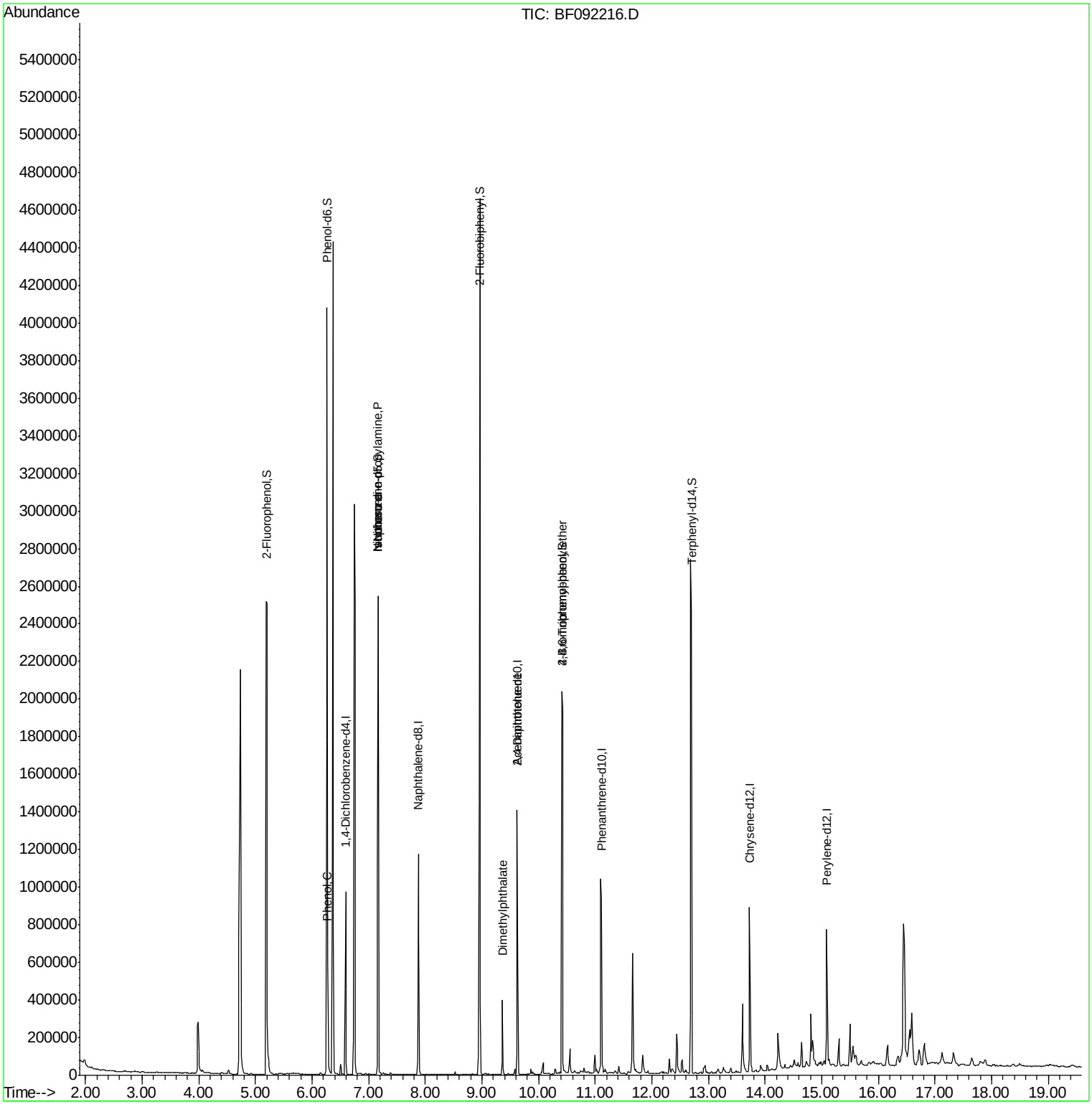
(#) = qualifier out of range (m) = manual integration (+) = signals summed

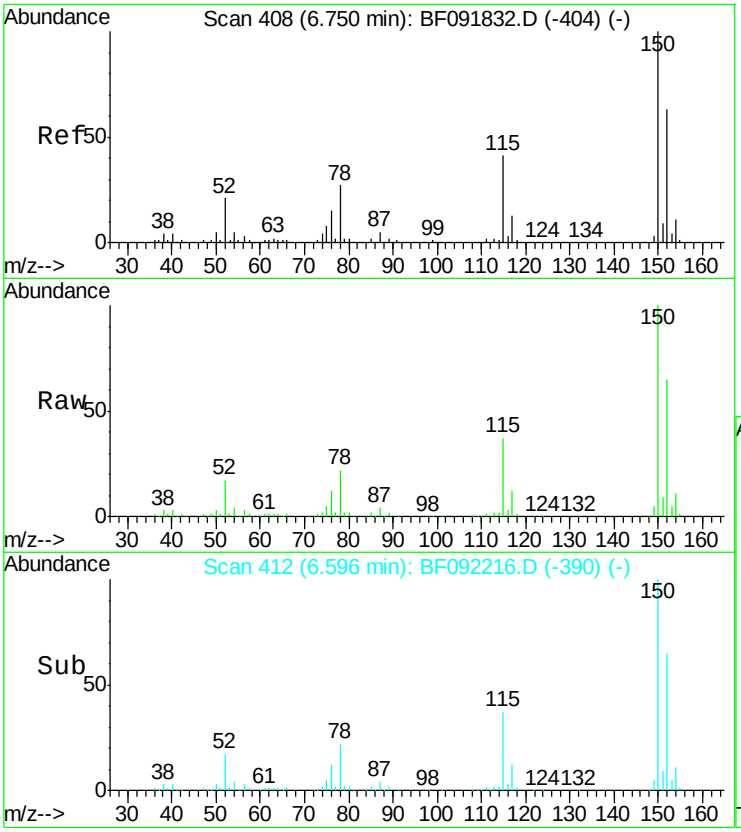
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
Data File : BF092216.D
Acq On : 12 Jan 2017 19:14
Operator : UM/SJ
Sample : I1029-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-0010

Quant Time: Jan 12 23:43:13 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration



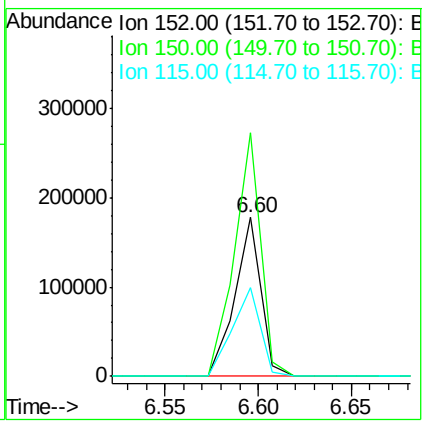


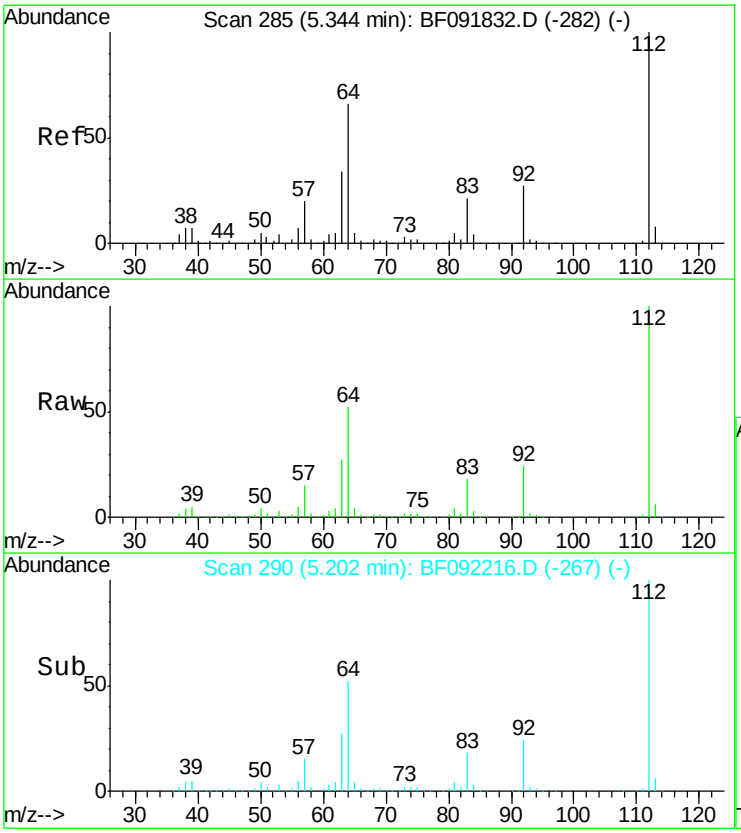
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Instrument :
BNA_F
ClientSampleId :
COMP-0010

Tgt Ion:152 Resp: 172940

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.9	187.3
115	56.2	46.0	69.0

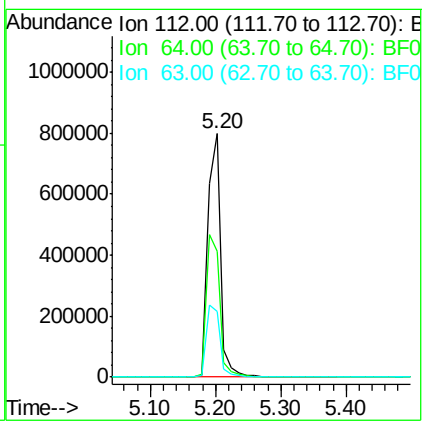


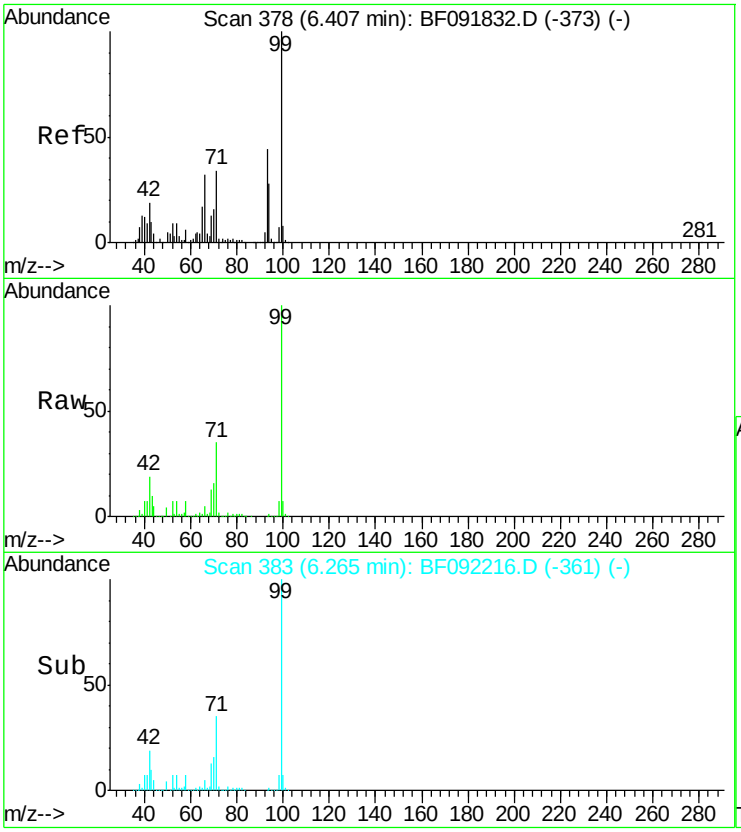


#5
2-Fluorophenol
Concen: 106.38 ng
RT: 5.20 min Scan# 290
Delta R.T. -0.03 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Tgt Ion:112 Resp: 1101853

Ion	Ratio	Lower	Upper
112	100		
64	51.6	46.1	69.1
63	26.8	23.8	35.6



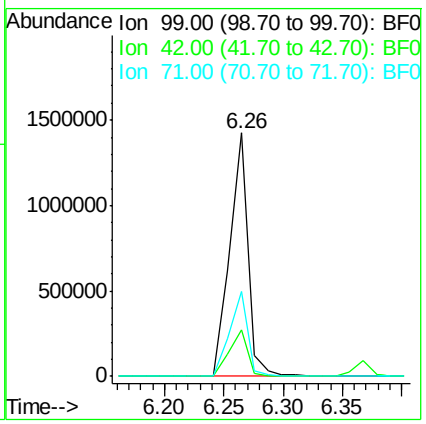


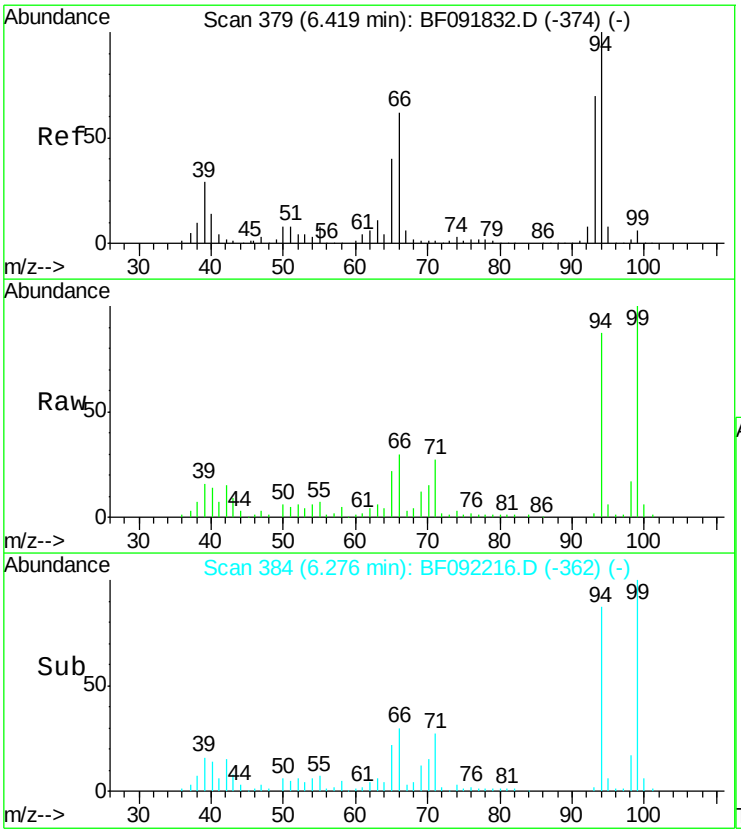
#7
Phenol-d6
Concen: 120.43 ng
RT: 6.26 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Instrument :
BNA_F
ClientSampleId :
COMP-0010

Tgt Ion: 99 Resp: 1522862

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.6	23.4
71	34.8	27.5	41.3

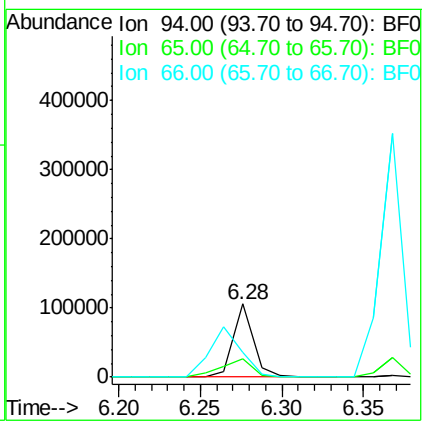


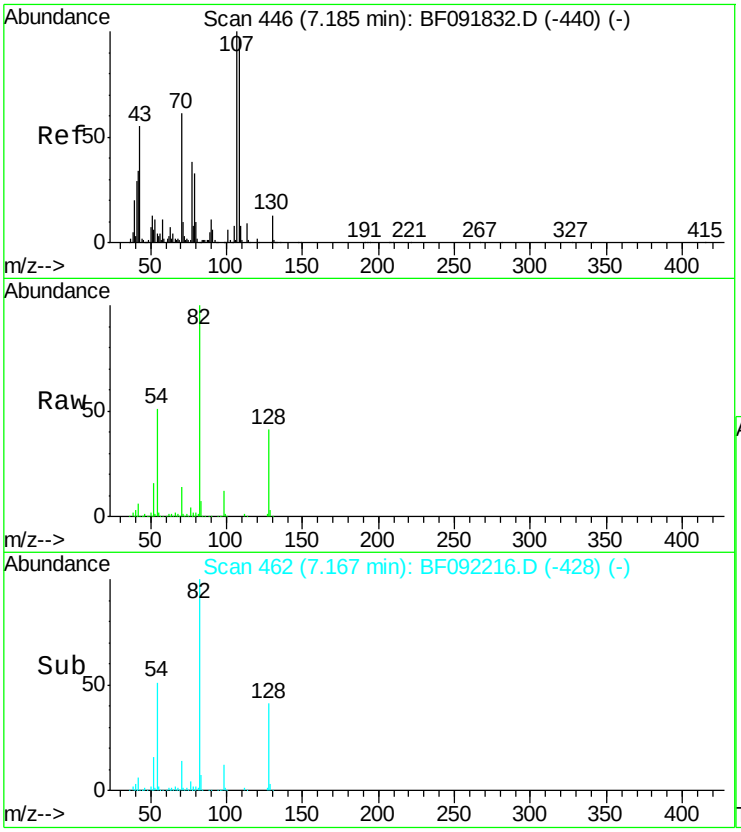


#10
Phenol
Concen: 6.25 ng
RT: 6.28 min Scan# 384
Delta R.T. -0.05 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Tgt Ion: 94 Resp: 90076

Ion	Ratio	Lower	Upper
94	100		
65	25.5	21.4	61.4
66	33.8	44.0	84.0#



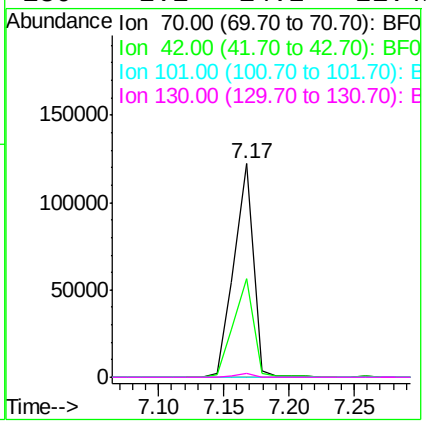


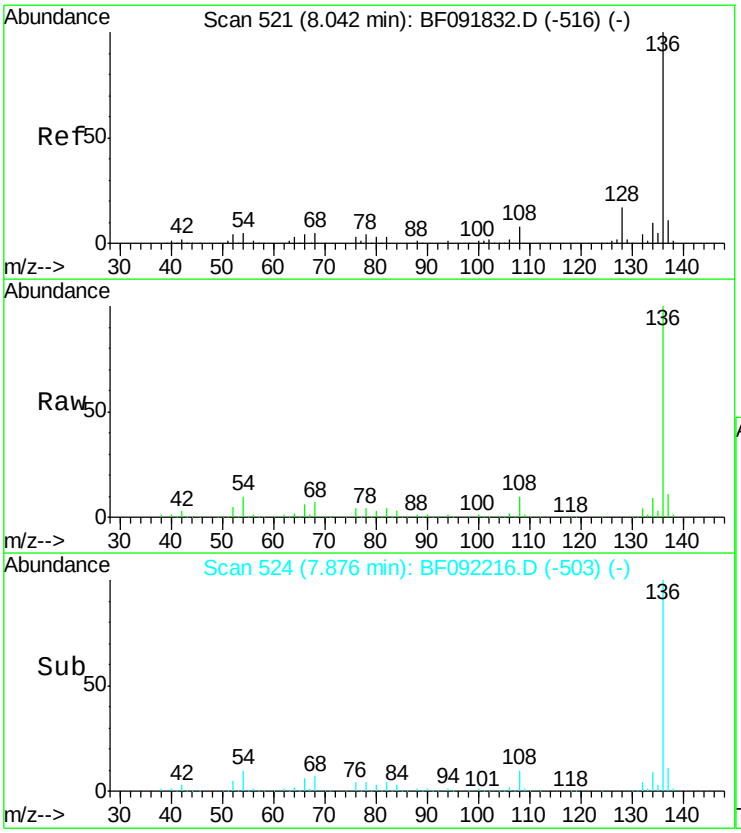
#19
n-Nitroso-di-n-propylamine
Concen: 15.06 ng
RT: 7.17 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Instrument :
BNA_F
ClientSampleId :
COMP-0010

Tgt Ion: 70 Resp: 126662

Ion	Ratio	Lower	Upper
70	100		
42	46.0	49.4	74.0#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#

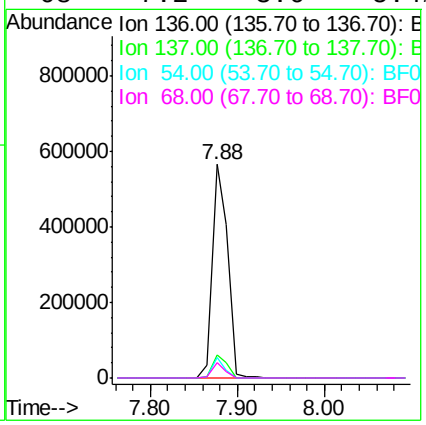


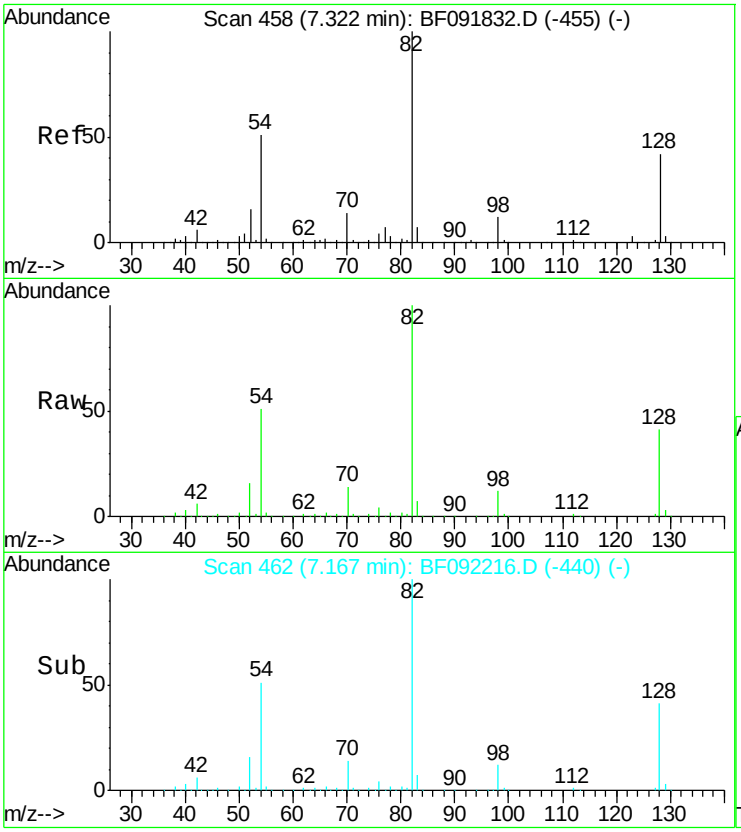


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Tgt Ion:136 Resp: 703995

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.5	4.5	6.7#
68	7.2	3.6	5.4#



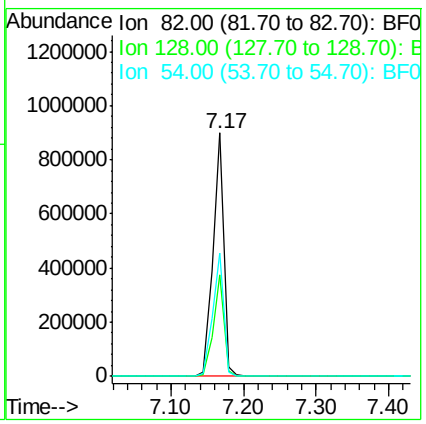


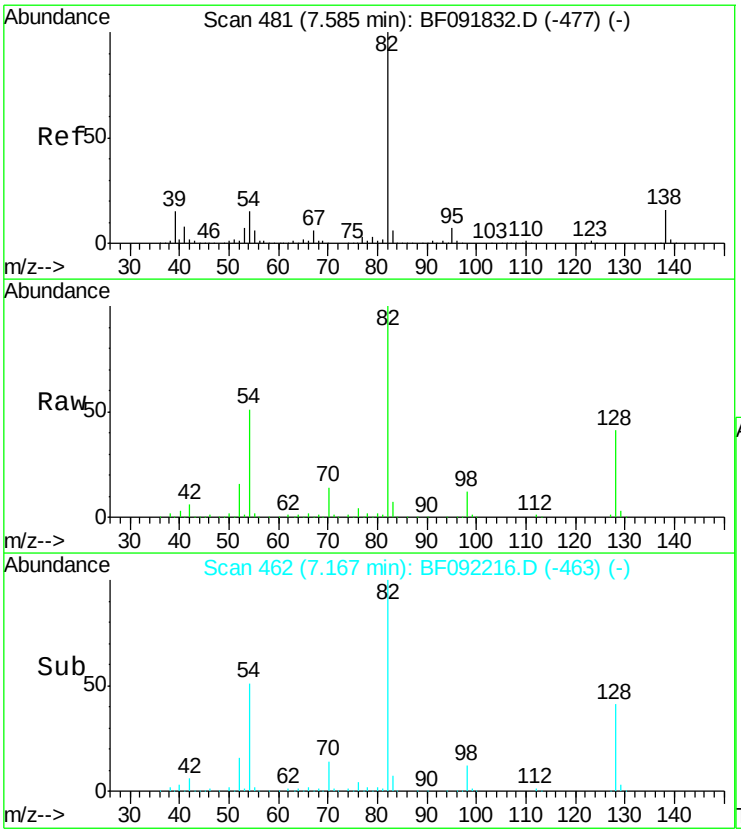
#23
Nitrobenzene-d5
Concen: 73.57 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Instrument :
BNA_F
ClientSampleId :
COMP-0010

Tgt Ion: 82 Resp: 931375

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.6	52.0
54	50.7	39.5	59.3

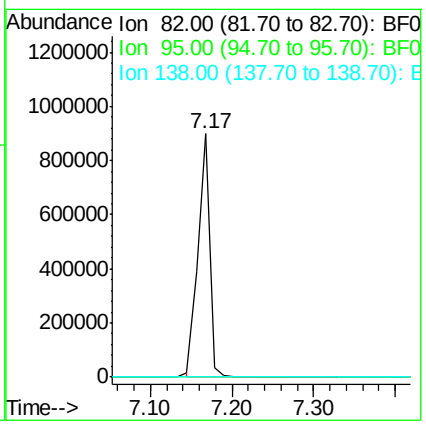


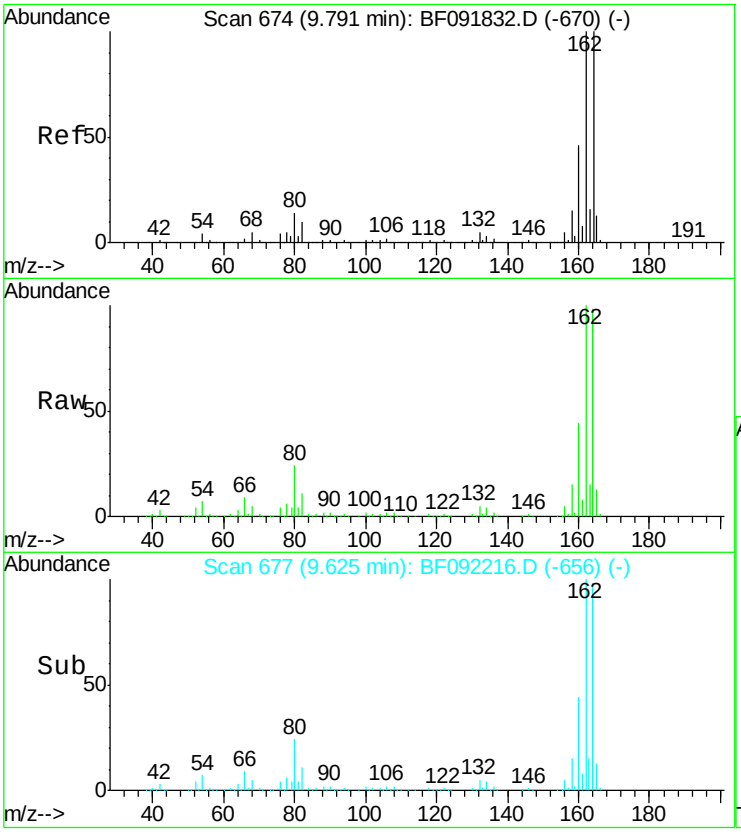


#25
Isophorone
Concen: 39.40 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.31 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Tgt Ion: 82 Resp: 920189

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



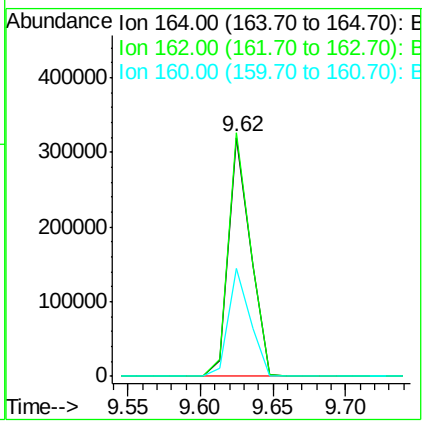


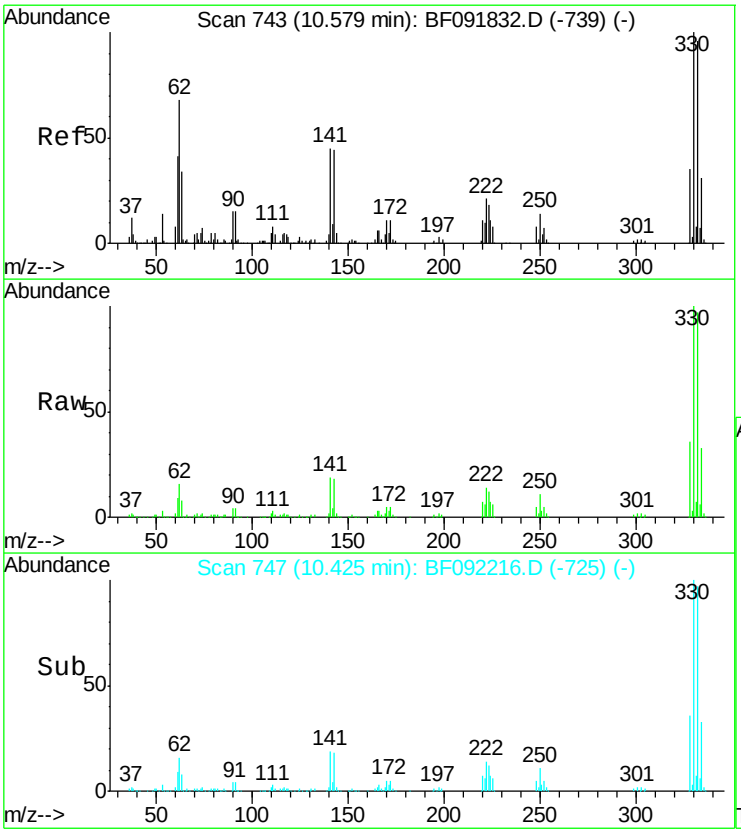
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Instrument :
BNA_F
ClientSampleId :
COMP-0010

Tgt Ion:164 Resp: 336880

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.2
160	45.0	36.9	55.3

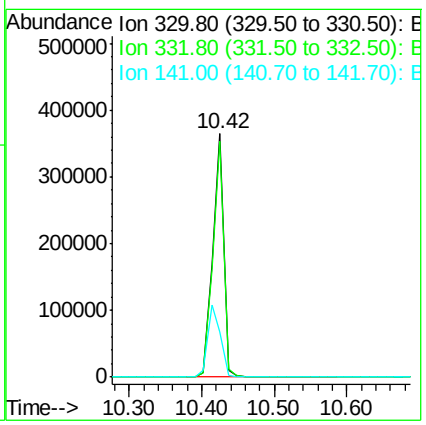


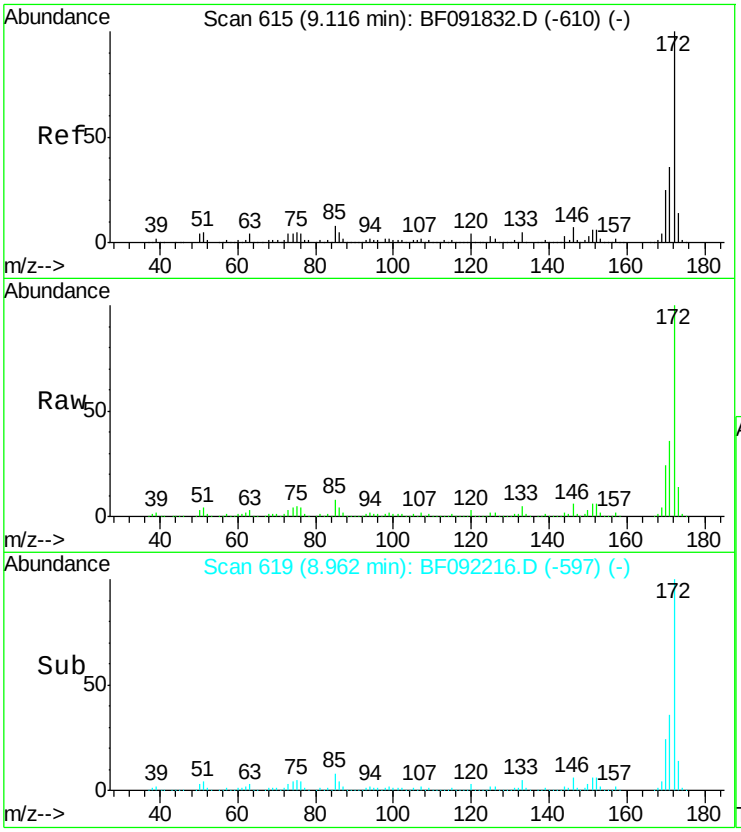


#41
2,4,6-Tribromophenol
Concen: 138.06 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.05 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Tgt Ion:330 Resp: 384903

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	34.1	34.1	51.1#



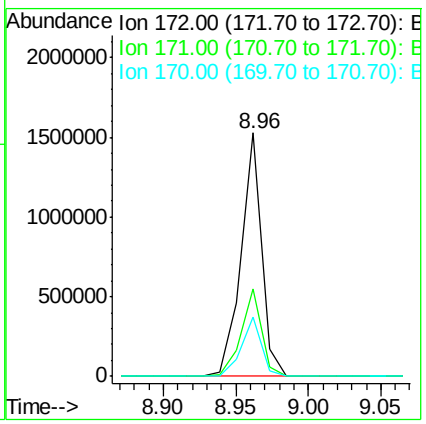


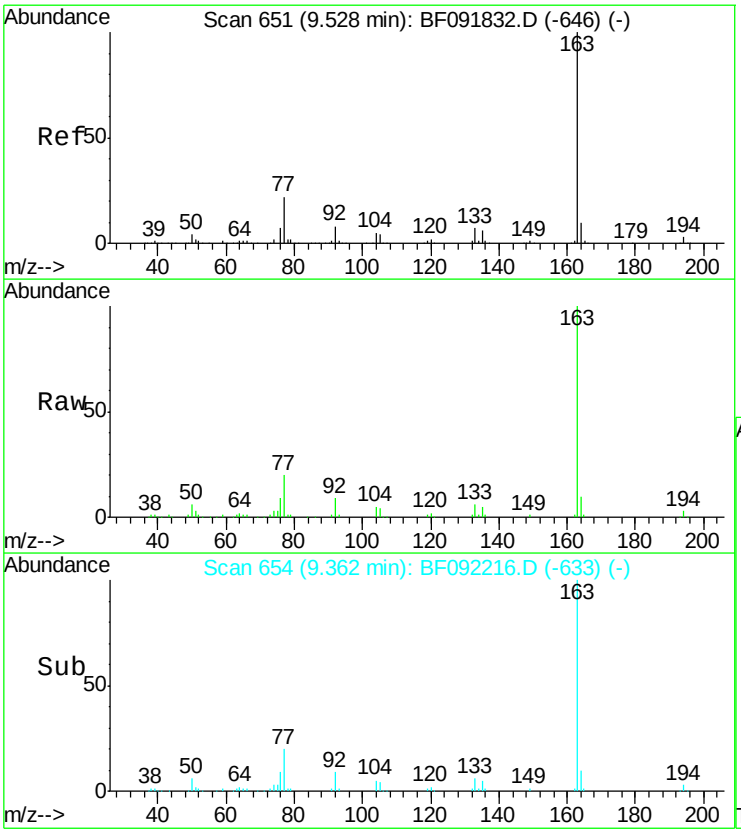
#44
2-Fluorobiphenyl
Concen: 92.48 ng
RT: 8.96 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Instrument :
BNA_F
ClientSampleId :
COMP-0010

Tgt Ion:172 Resp: 1501866

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.4	20.2	30.4

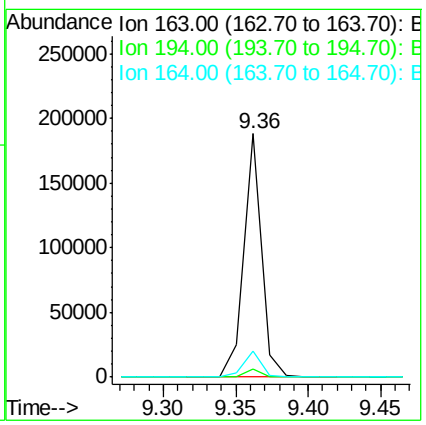


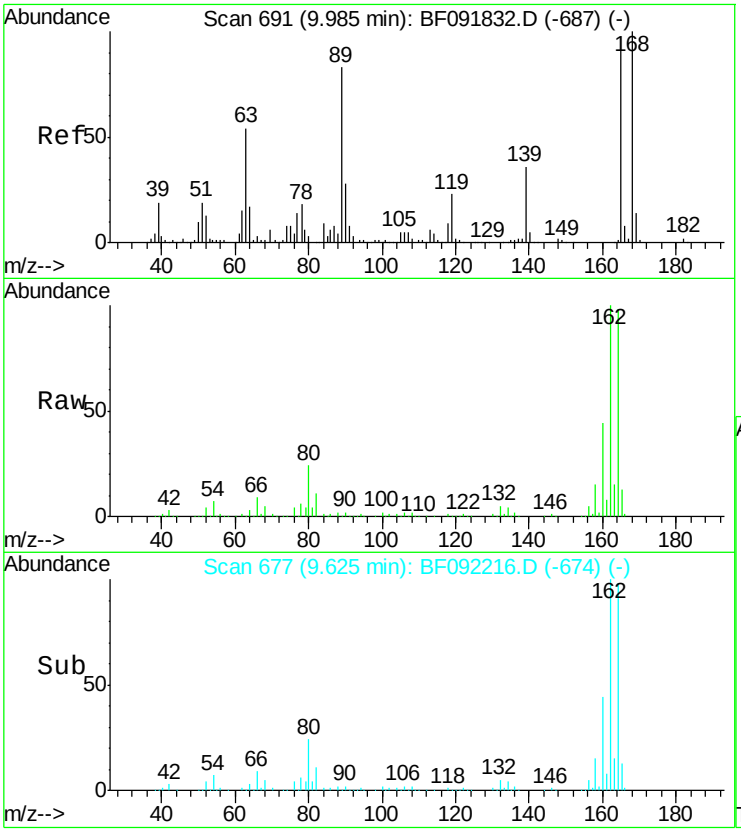


#49
Dimethylphthalate
Concen: 7.39 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Tgt Ion:163 Resp: 159179

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.4	8.0	12.0



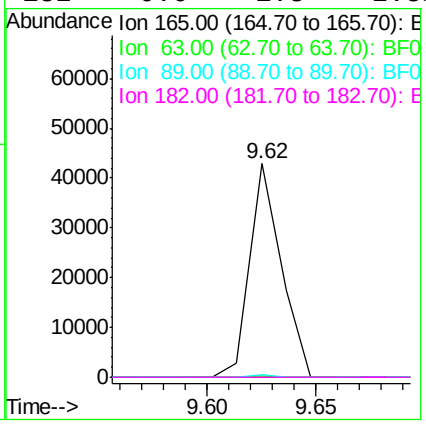


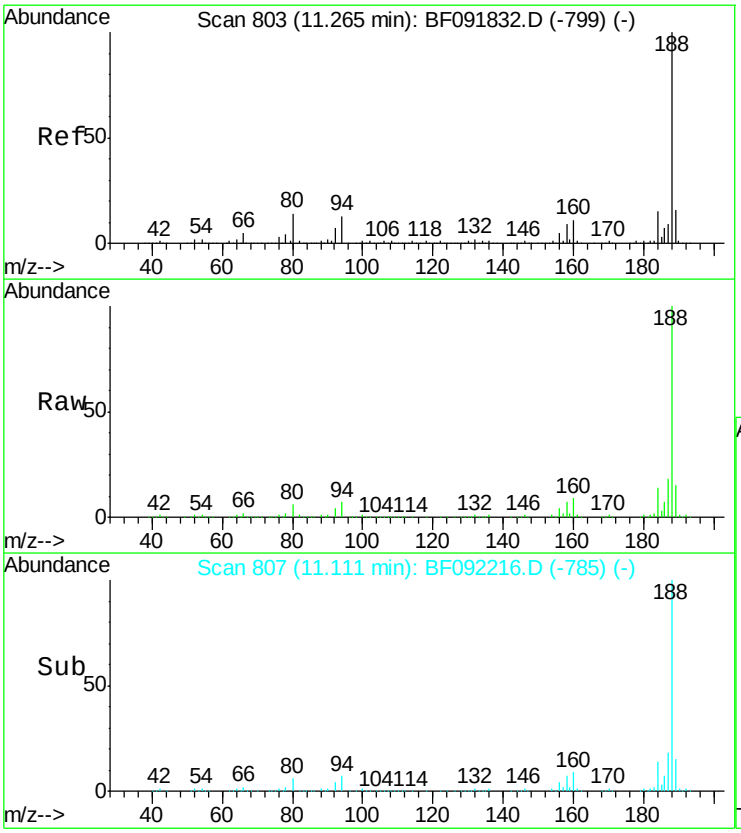
#56
2,4-Dinitrotoluene
Concen: 7.33 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.26 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Instrument :
BNA_F
ClientSampleId :
COMP-0010

Tgt Ion:165 Resp: 43360

Ion	Ratio	Lower	Upper
165	100		
63	0.7	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#

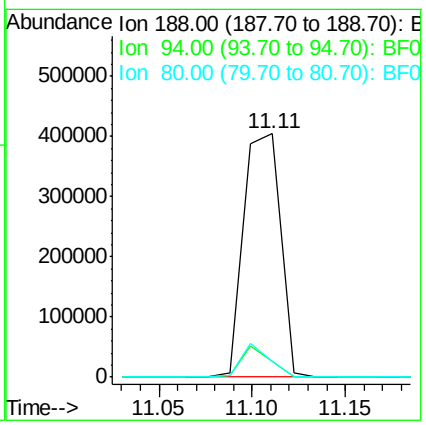


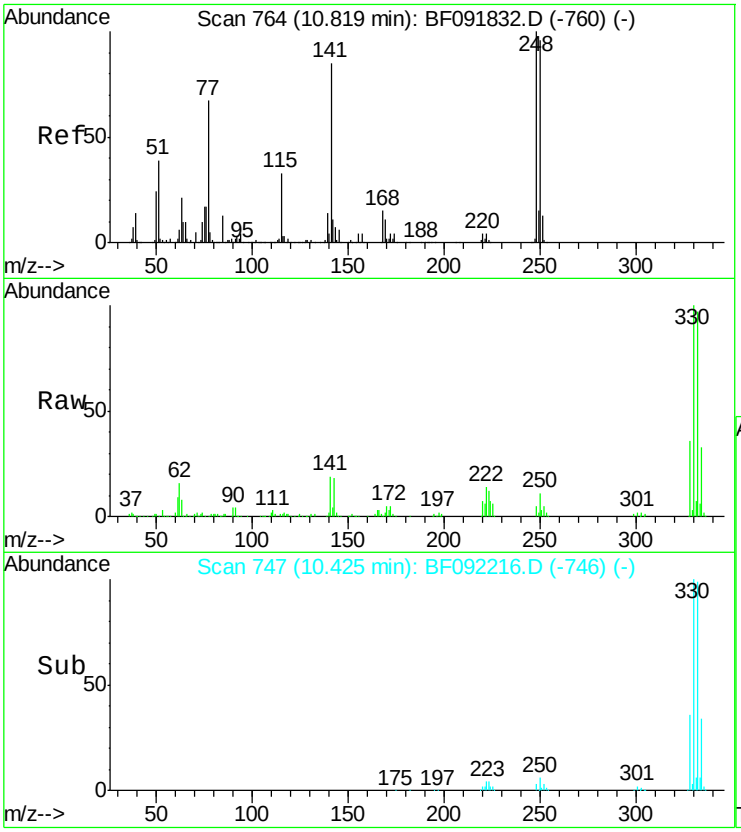


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Tgt Ion:188 Resp: 555137

Ion	Ratio	Lower	Upper
188	100		
94	6.6	10.0	15.0#
80	6.5	11.2	16.8#



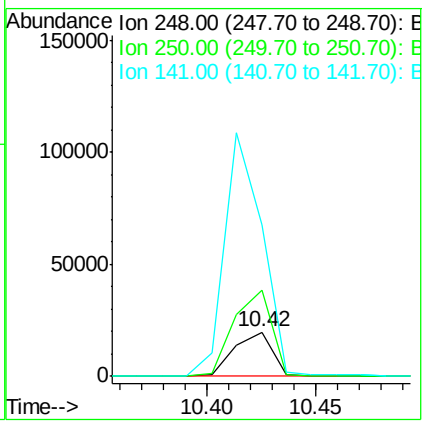


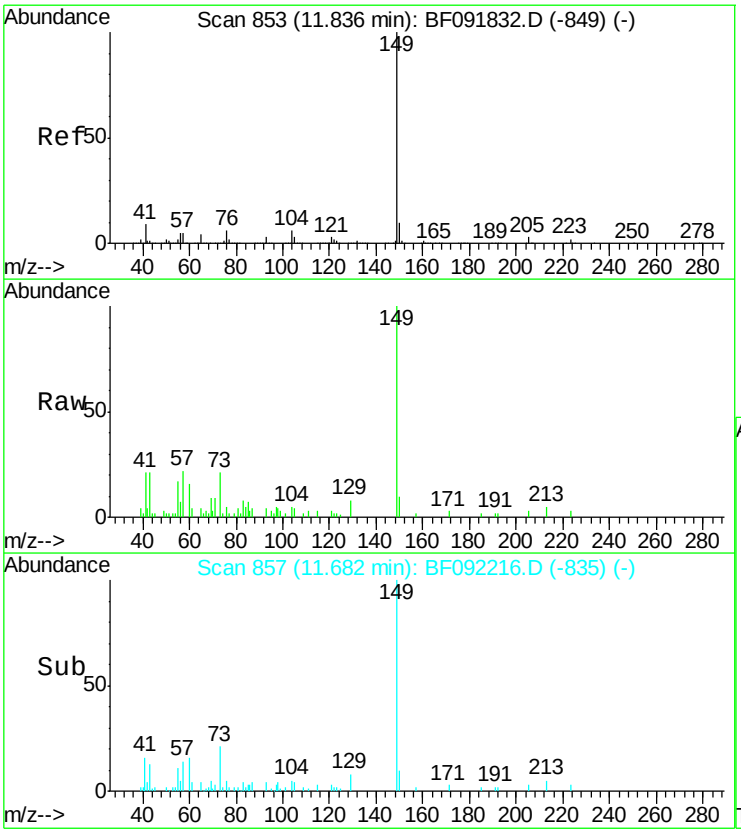
#66
4-Bromophenyl-phenylether
Concen: 4.16 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.29 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Instrument :
BNA_F
ClientSampleId :
COMP-0010

Tgt Ion:248 Resp: 24014

Ion	Ratio	Lower	Upper
248	100		
250	197.2	76.9	115.3#
141	346.3	68.2	102.4#

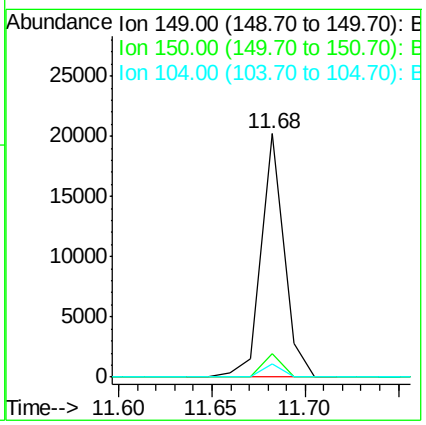


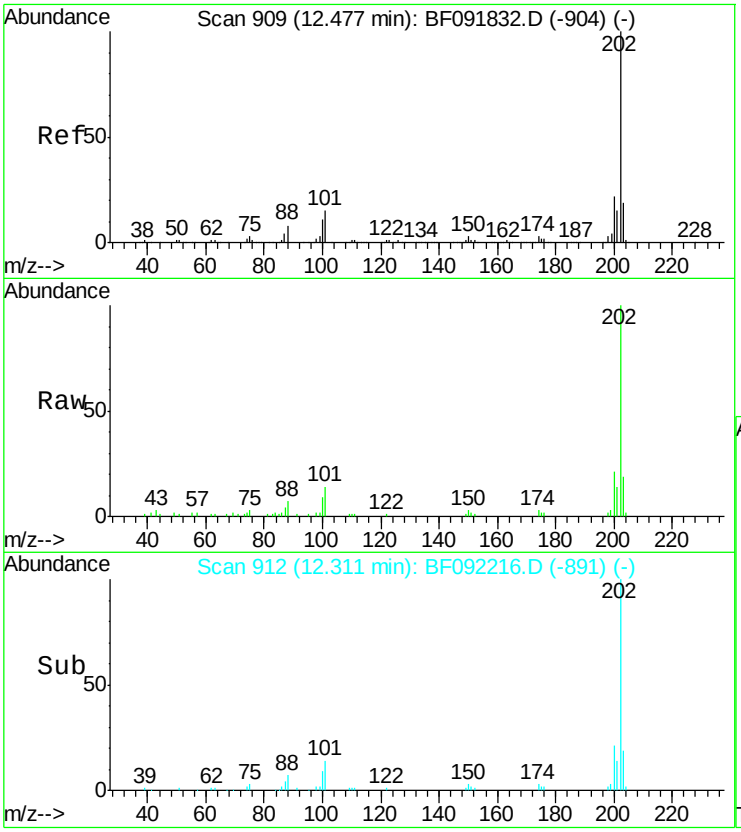


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.68 min Scan# 857
Delta R.T. -0.05 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Tgt Ion:149 Resp: 17076

Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	5.4	4.6	7.0



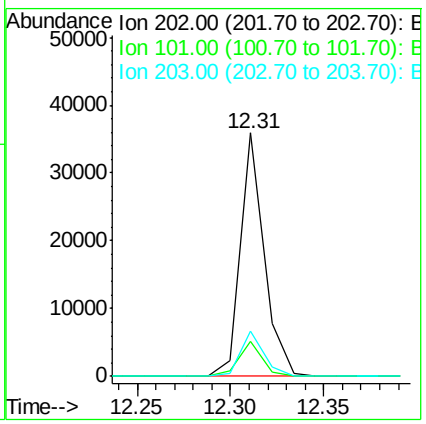


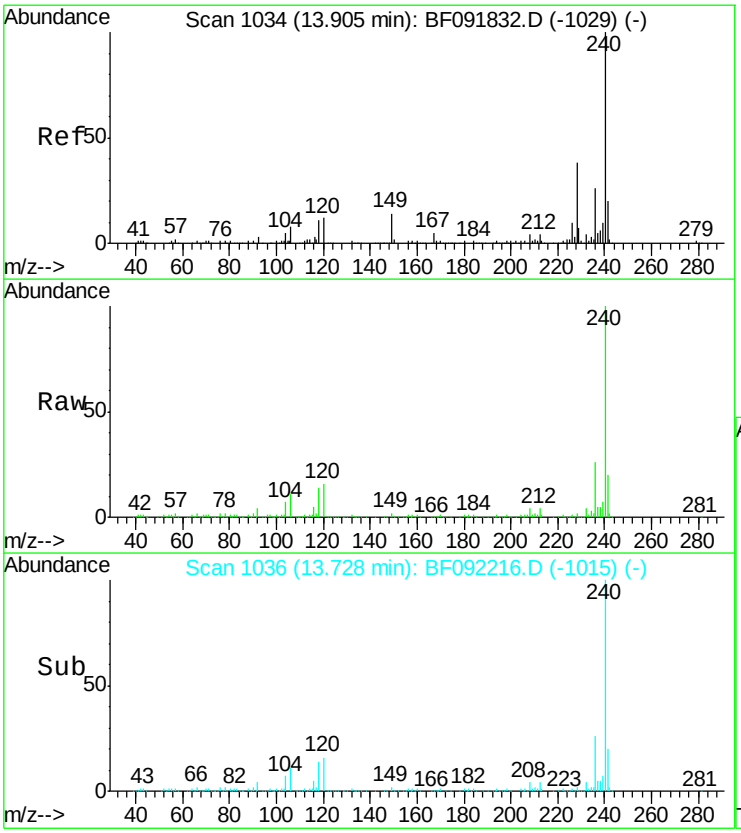
#74
Fluoranthene
Concen: Below Cal
RT: 12.31 min Scan# 912
Delta R.T. -0.06 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Instrument :
BNA_F
ClientSampleId :
COMP-0010

Tgt Ion:202 Resp: 31904

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.6
203	18.7	0.0	38.7

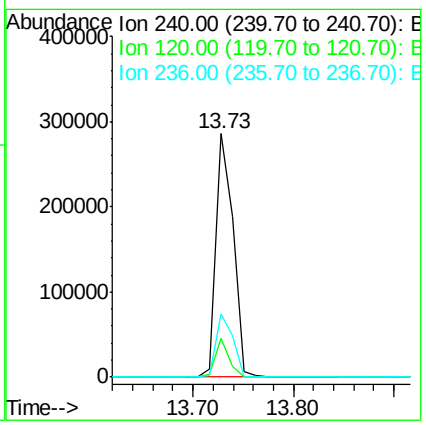


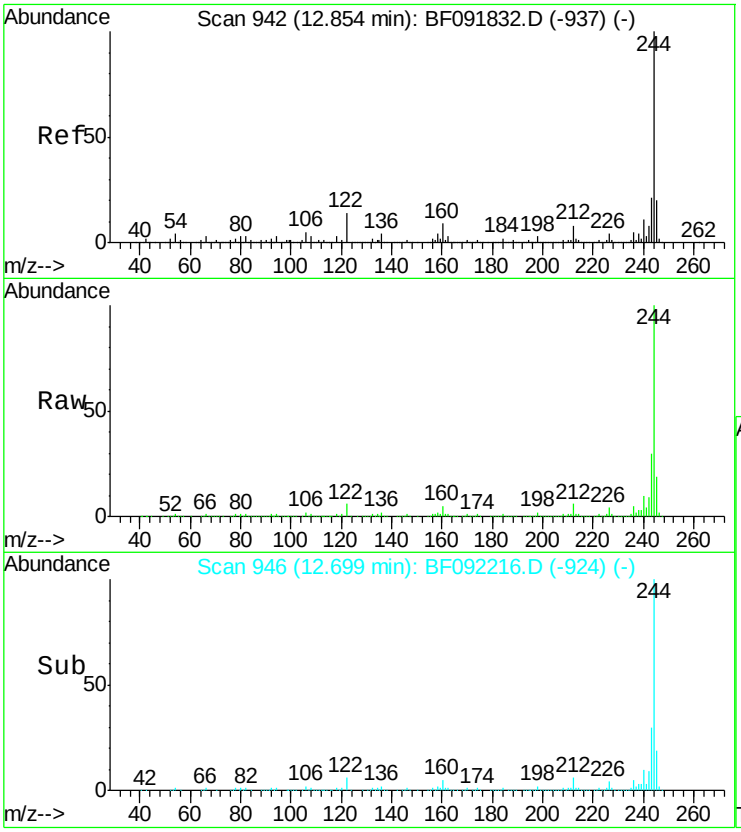


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Tgt Ion:240 Resp: 339253

Ion	Ratio	Lower	Upper
240	100		
120	15.8	12.9	19.3
236	25.8	20.9	31.3



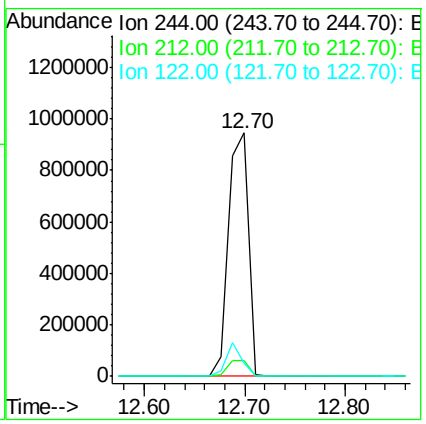


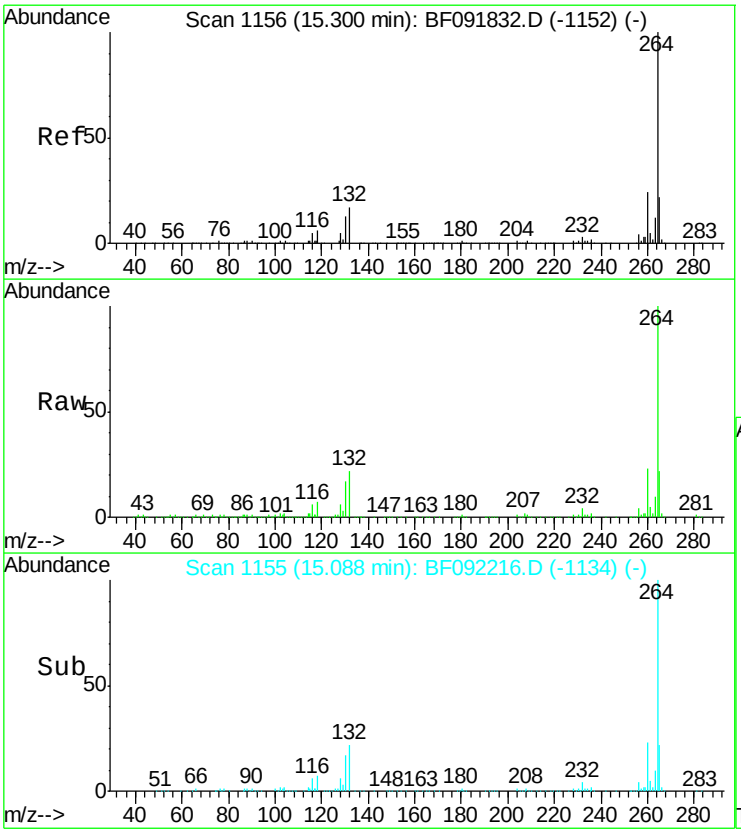
#78
Terphenyl-d14
Concen: 92.71 ng
RT: 12.70 min Scan# 946
Delta R.T. -0.05 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Instrument :
BNA_F
ClientSampleId :
COMP-0010

Tgt Ion:244 Resp: 1296913

Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.2	9.2
122	5.5	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1155
Delta R.T. -0.06 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Tgt Ion:264 Resp: 337629

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.2	17.4	26.0