Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
Data File : BF092380.D
Acq On : 20 Jan 2017 18:45
Operator : UM/SJ
Sample : I1265-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-6

Quant Time: Jan 20 22:16:38 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	6.52	152	206127	20.00	ng		-0.12
21) Naphthalene-d8	7.81	136	815008	20.00	ng		-0.12
38) Acenaphthene-d10	9.56	164	377250	20.00	ng		-0.12
63) Phenanthrene-d10	11.03	188	524982	20.00	ng		-0.12
75) Chrysene-d12	13.66	240	397965	20.00	ng		-0.12
86) Perylene-d12	15.01	264	277719	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	1220618	98.88	ng		-0.12
7) Phenol-d6	6.20	99	1703017	112.99	ng		-0.11
23) Nitrobenzene-d5	7.10	82	1387781	94.68	ng		-0.11
41) 2,4,6-Tribromophenol	10.35	330	377243	120.83	ng		-0.12
44) 2-Fluorobiphenyl	8.90	172	1844371	102.89	ng		-0.11
78) Terphenyl-d14	12.62	244	1243818	75.80	ng		-0.12
Target Compounds							Qvalue
10) Phenol	6.21	94	69754	4.06	ng	#	77
19) n-Nitroso-di-n-propylamine	7.10	70	187468	18.70	ng	#	74
37) 2-Methylnaphthalene	8.53	142	1751	Below Cal			94
49) Dimethylphthalate	9.30	163	402082	16.66	ng		100
56) 2,4-Dinitrotoluene	9.56	165	49567	7.48	ng	#	19
66) 4-Bromophenyl-phenylether	10.35	248	22180	4.06	ng	#	1
71) Anthracene	11.06	178	10664	Below Cal			96
73) Di-n-butylphthalate	11.62	149	7697	Below Cal		#	93
74) Fluoranthene	12.25	202	22283	Below Cal			96
76) Benzidine	12.62	184	17247	Below Cal		#	93

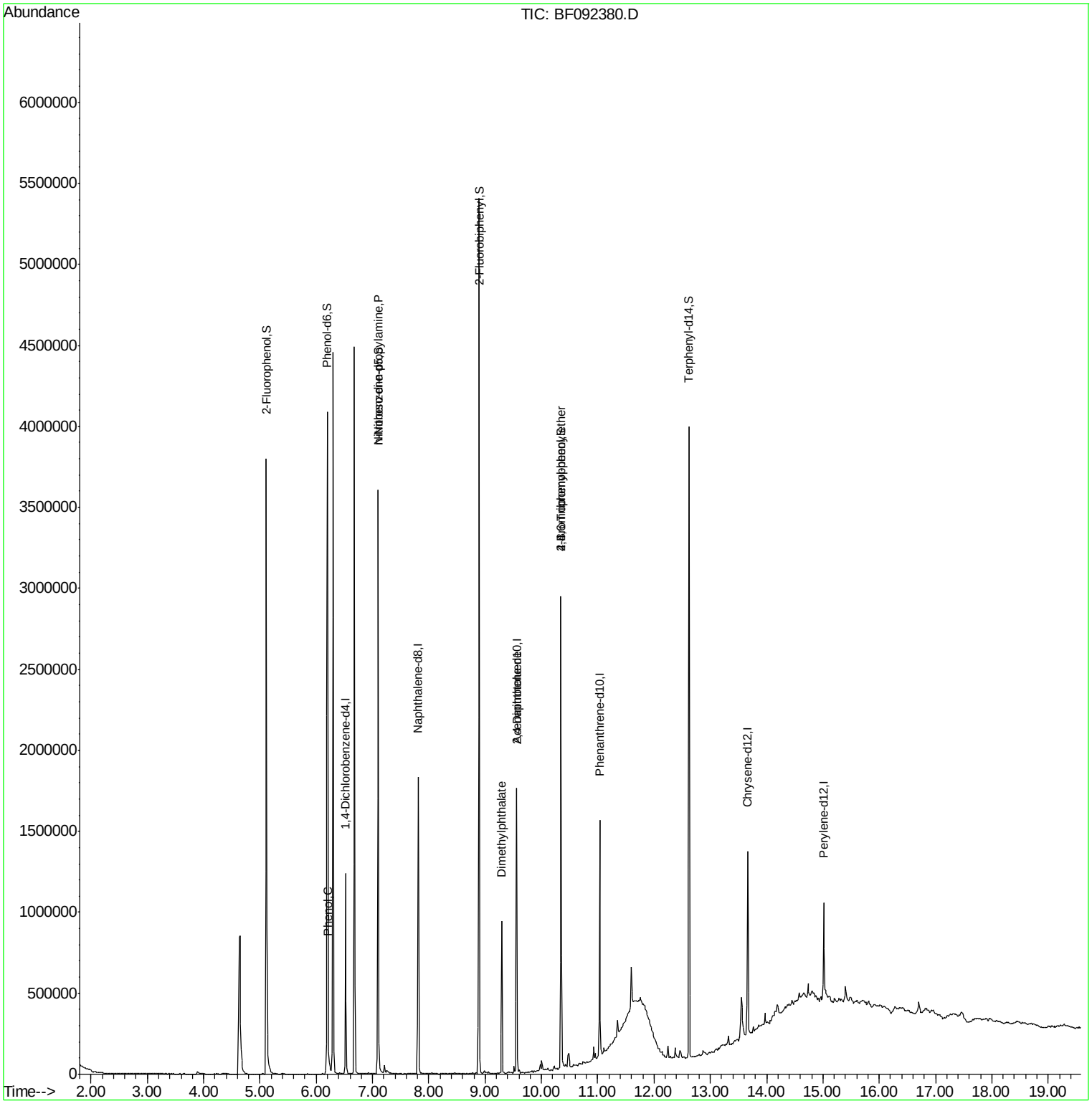
(#) = qualifier out of range (m) = manual integration (+) = signals summed

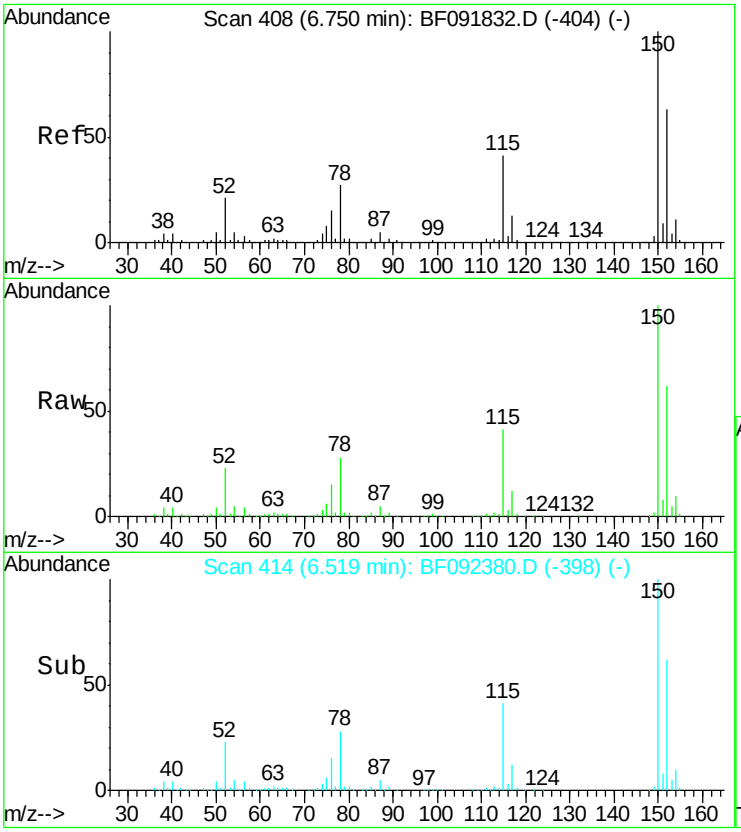
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
Data File : BF092380.D
Acq On : 20 Jan 2017 18:45
Operator : UM/SJ
Sample : I1265-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-6

Quant Time: Jan 20 22:16:38 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



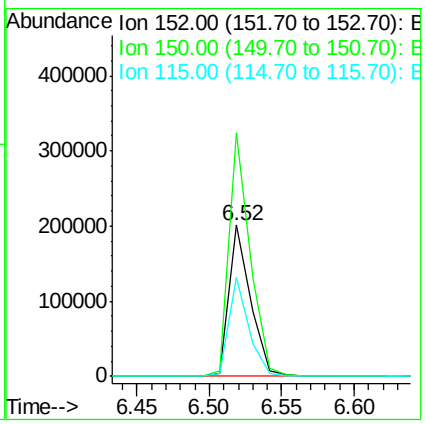


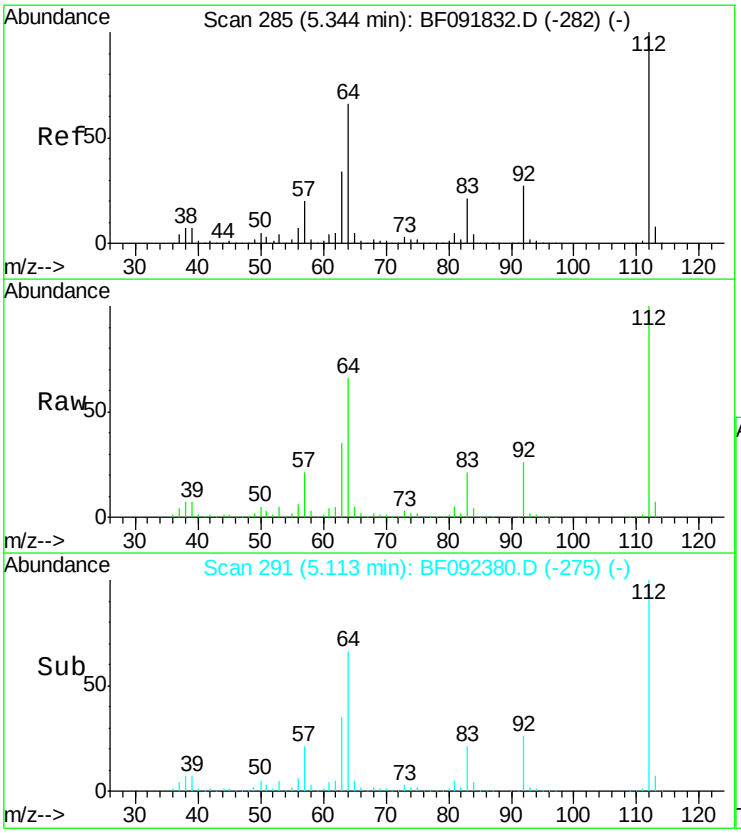
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 414
Delta R.T. -0.12 min
Lab File: BF092380.D
Acq: 20 Jan 2017 18:45

Instrument :
BNA_F
ClientSampleId :
B-6

Tgt Ion:152 Resp: 206127

Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.9	187.3
115	65.3	46.0	69.0

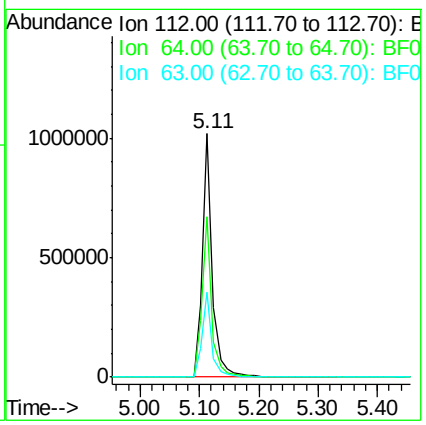


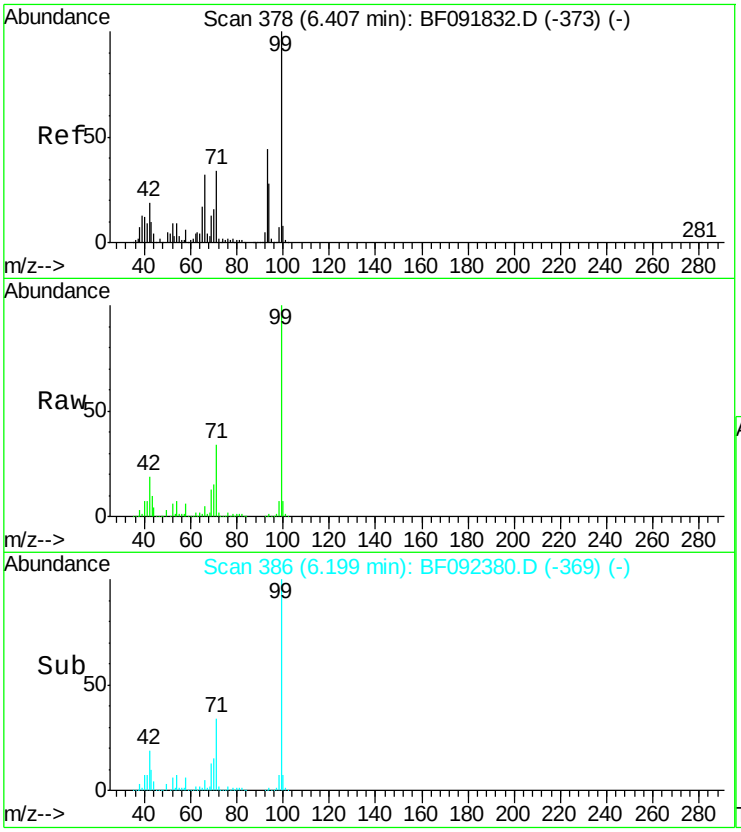


#5
2-Fluorophenol
Concen: 98.88 ng
RT: 5.11 min Scan# 291
Delta R.T. -0.12 min
Lab File: BF092380.D
Acq: 20 Jan 2017 18:45

Tgt Ion:112 Resp: 1220618

Ion	Ratio	Lower	Upper
112	100		
64	65.7	46.1	69.1
63	34.8	23.8	35.6



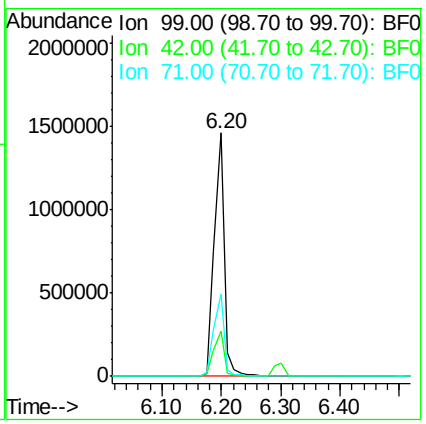


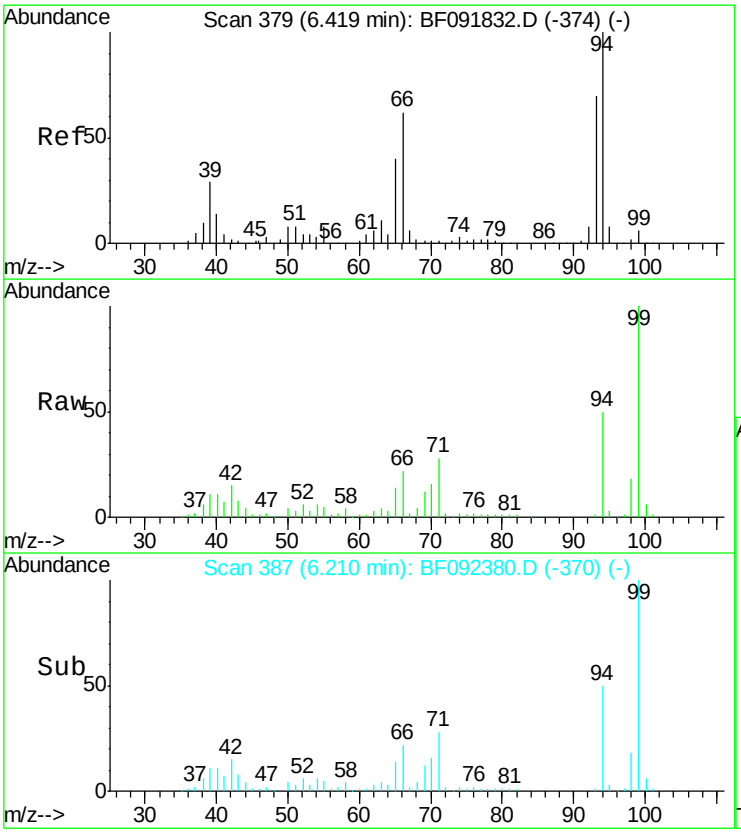
#7
Phenol-d6
Concen: 112.99 ng
RT: 6.20 min Scan# 386
Delta R.T. -0.11 min
Lab File: BF092380.D
Acq: 20 Jan 2017 18:45

Instrument :
BNA_F
ClientSampleId :
B-6

Tgt Ion: 99 Resp: 1703017

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.6	23.4
71	33.7	27.5	41.3

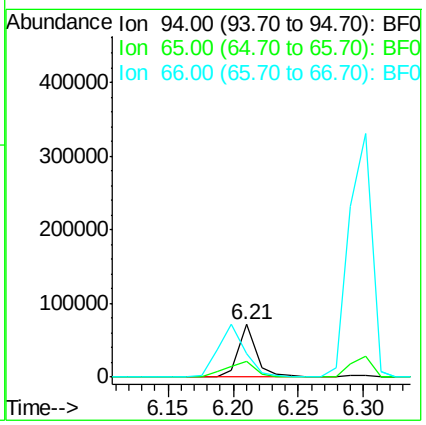


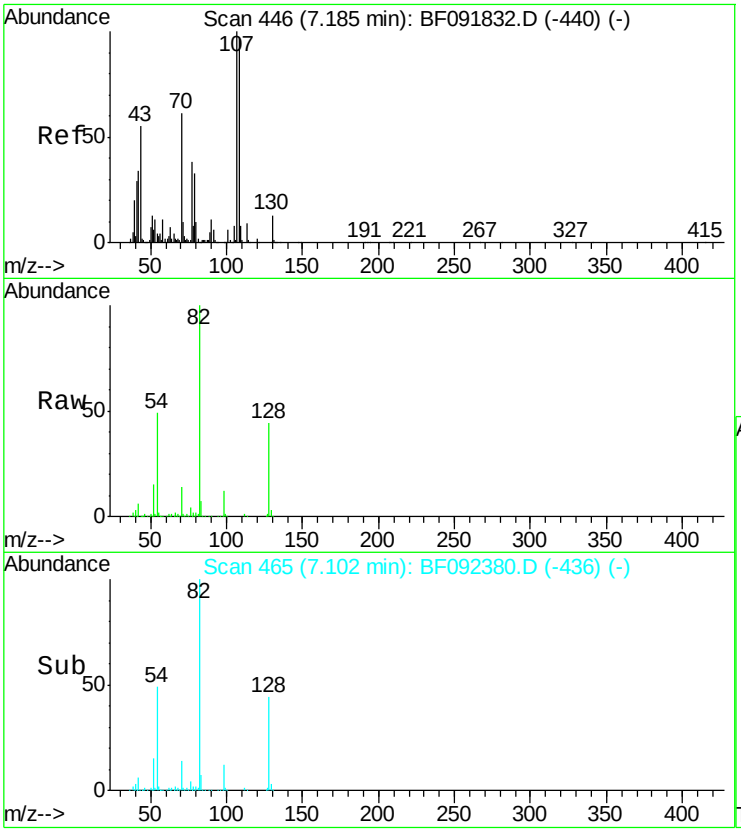


#10
Phenol
Concen: 4.06 ng
RT: 6.21 min Scan# 387
Delta R.T. -0.11 min
Lab File: BF092380.D
Acq: 20 Jan 2017 18:45

Tgt Ion: 94 Resp: 69754

Ion	Ratio	Lower	Upper
94	100		
65	29.1	21.4	61.4
66	43.9	44.0	84.0#



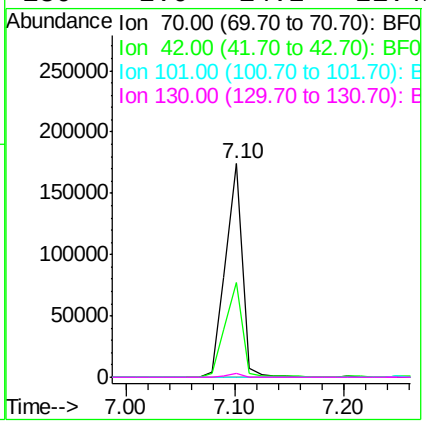


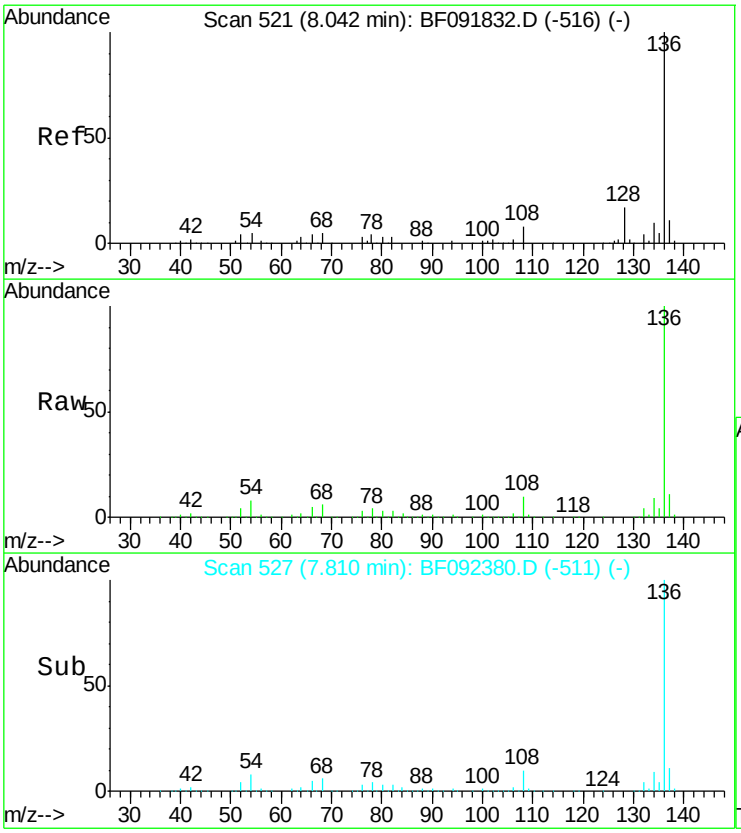
#19
n-Nitroso-di-n-propylamine
Concen: 18.70 ng
RT: 7.10 min Scan# 465
Delta R.T. 0.03 min
Lab File: BF092380.D
Acq: 20 Jan 2017 18:45

Instrument :
BNA_F
ClientSampleId :
B-6

Tgt Ion: 70 Resp: 187468

Ion	Ratio	Lower	Upper
70	100		
42	44.3	49.4	74.0#
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#

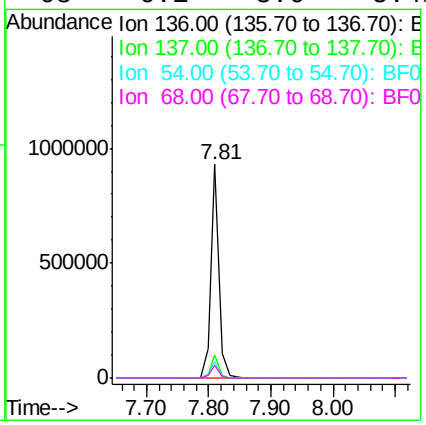


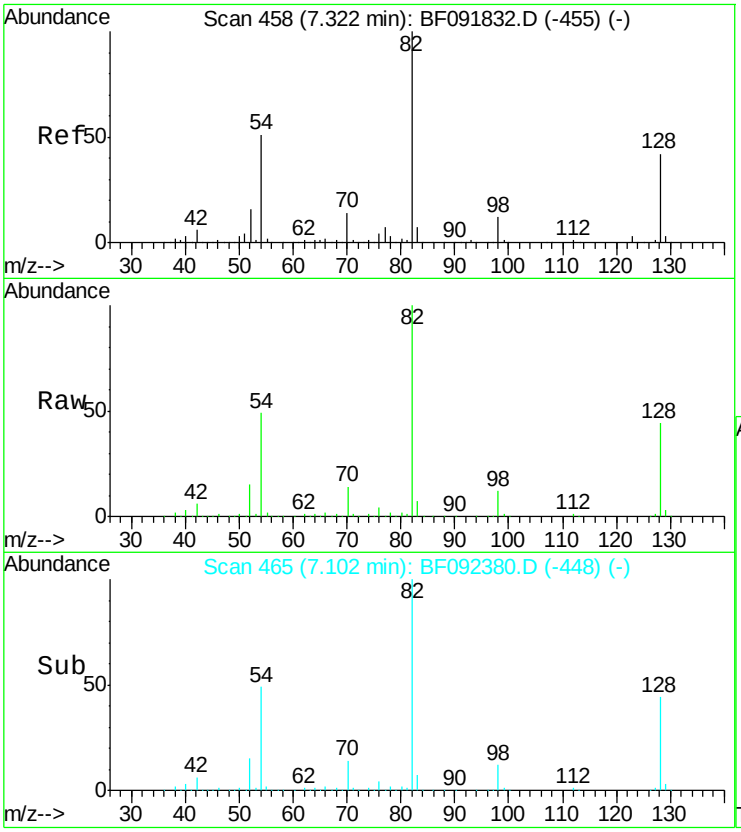


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.12 min
Lab File: BF092380.D
Acq: 20 Jan 2017 18:45

Tgt Ion:136 Resp: 815008

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.6	4.5	6.7#
68	6.1	3.6	5.4#



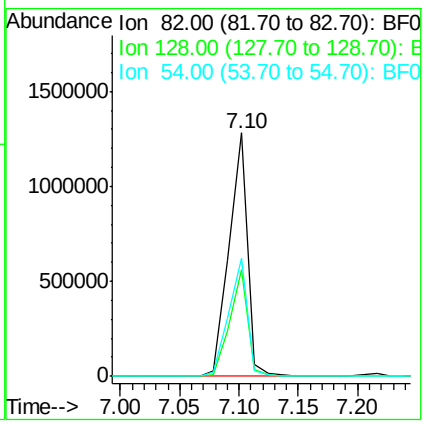


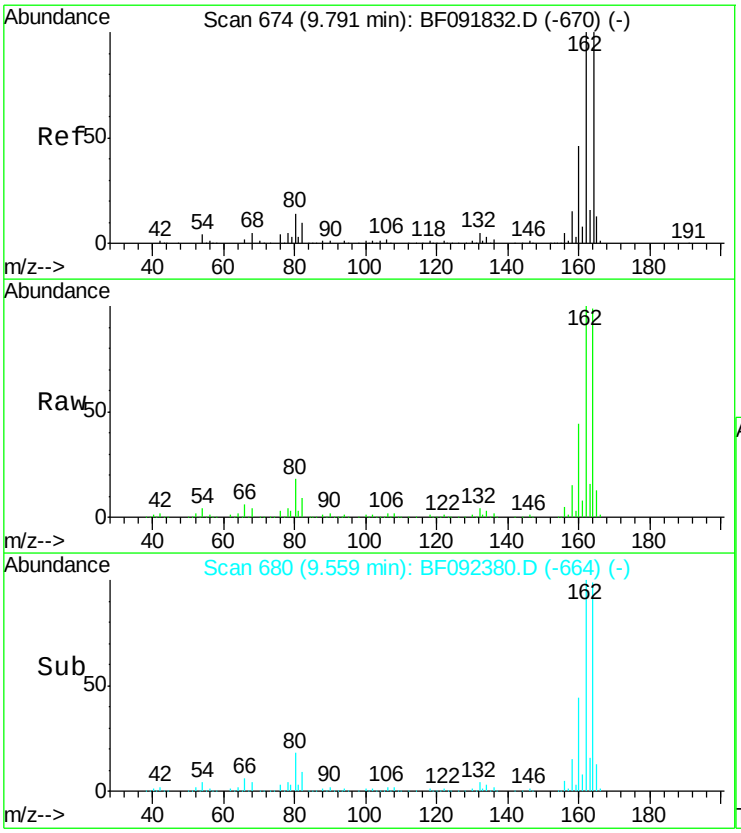
#23
Nitrobenzene-d5
Concen: 94.68 ng
RT: 7.10 min Scan# 465
Delta R.T. -0.11 min
Lab File: BF092380.D
Acq: 20 Jan 2017 18:45

Instrument :
BNA_F
ClientSampleId :
B-6

Tgt Ion: 82 Resp: 1387781

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	52.0
54	48.8	39.5	59.3

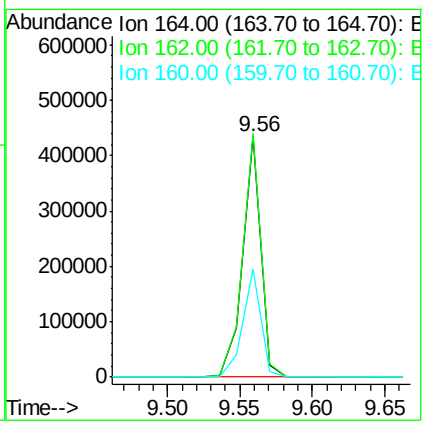


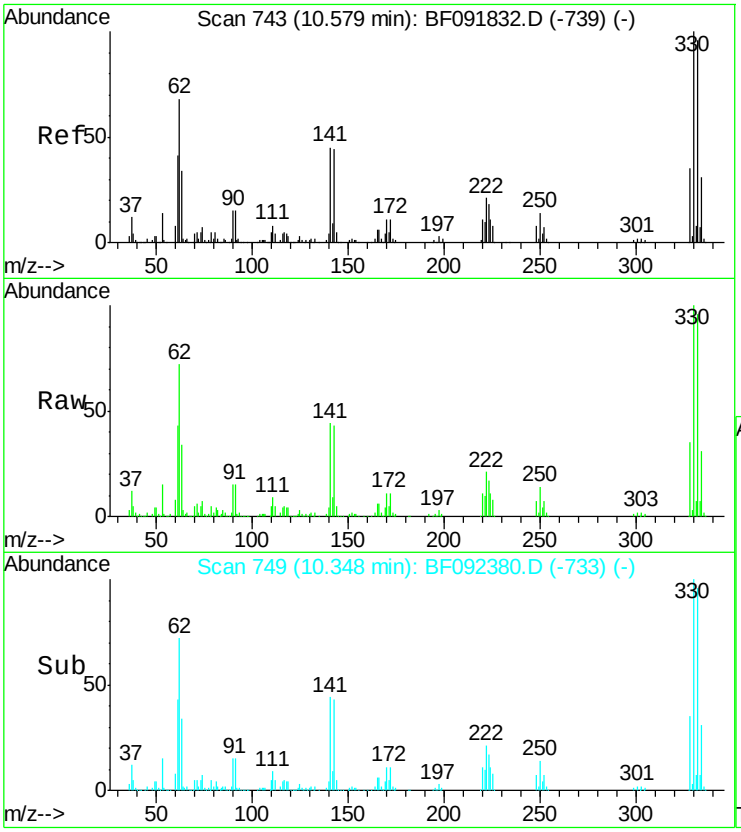


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 680
Delta R.T. -0.12 min
Lab File: BF092380.D
Acq: 20 Jan 2017 18:45

Tgt Ion:164 Resp: 377250

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.2	120.2
160	44.9	36.9	55.3



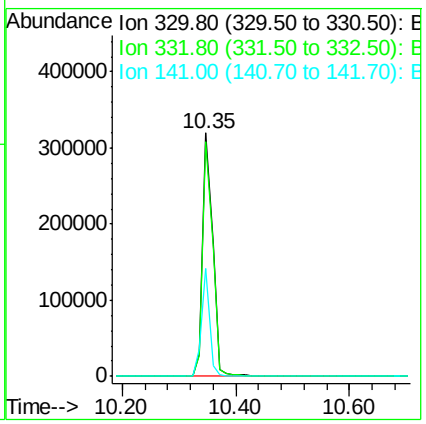


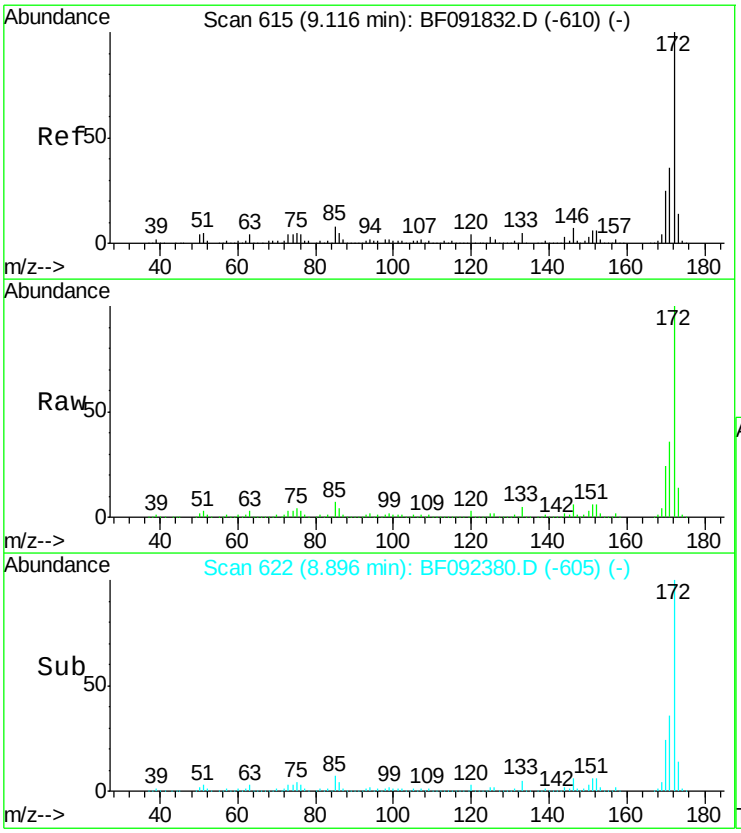
#41
2,4,6-Tribromophenol
Concen: 120.83 ng
RT: 10.35 min Scan# 749
Delta R.T. -0.12 min
Lab File: BF092380.D
Acq: 20 Jan 2017 18:45

Instrument :
BNA_F
ClientSampleId :
B-6

Tgt Ion:330 Resp: 377243

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	36.2	34.1	51.1

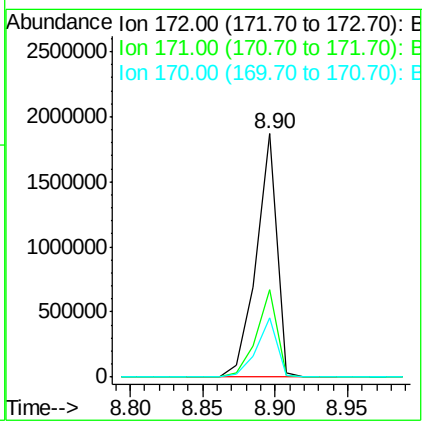


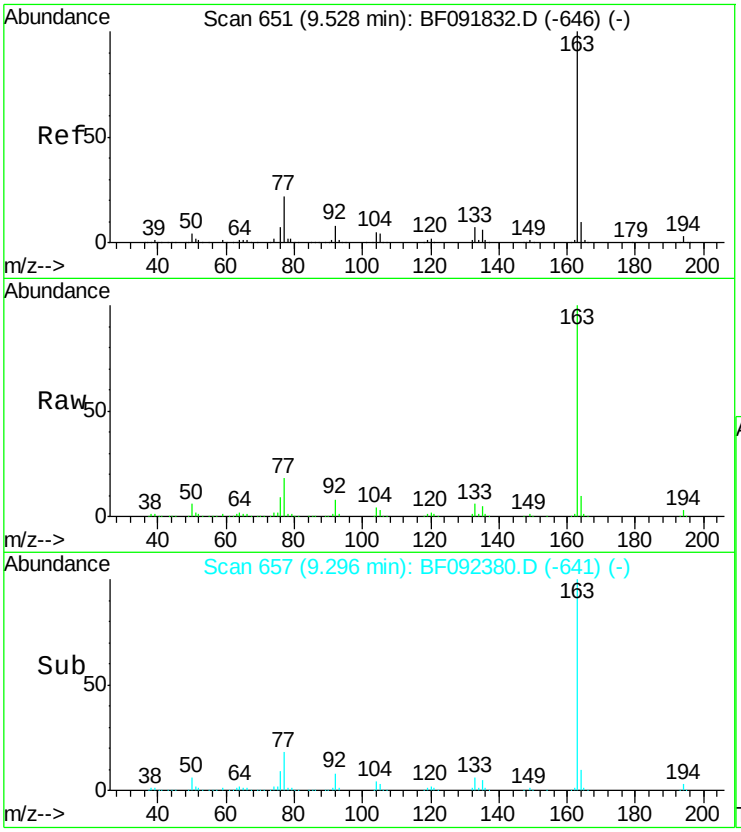


#44
2-Fluorobiphenyl
Concen: 102.89 ng
RT: 8.90 min Scan# 622
Delta R.T. -0.11 min
Lab File: BF092380.D
Acq: 20 Jan 2017 18:45

Tgt Ion:172 Resp: 1844371

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.4	20.2	30.4



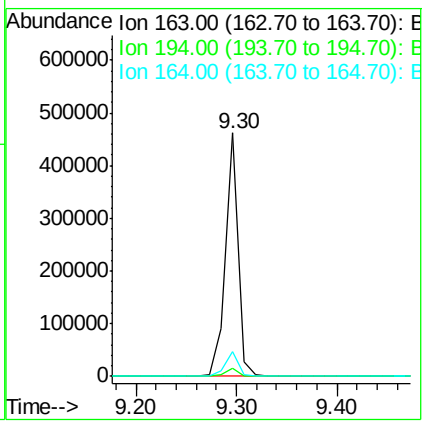


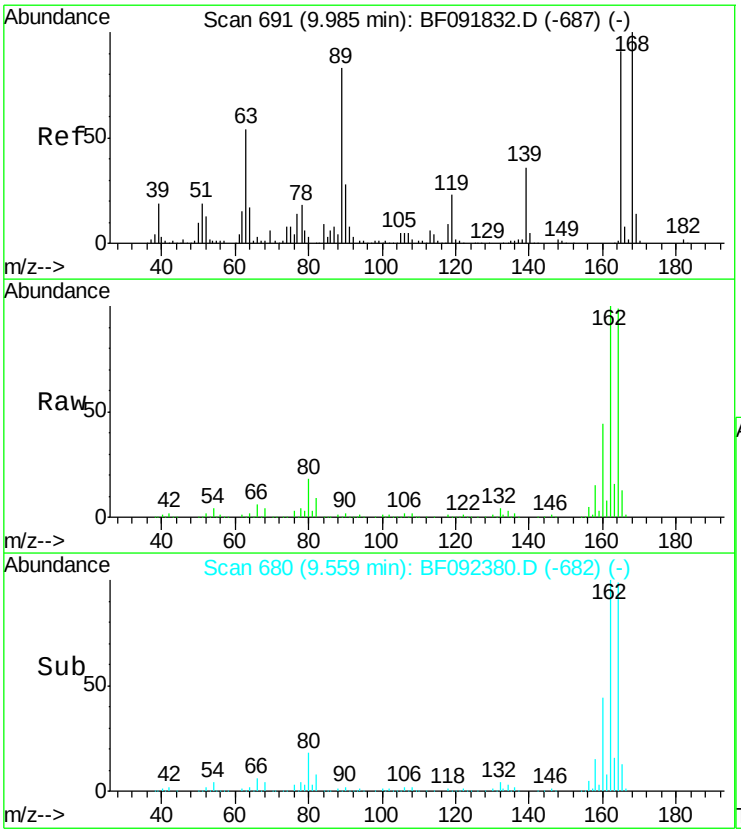
#49
Dimethylphthalate
Concen: 16.66 ng
RT: 9.30 min Scan# 657
Delta R.T. -0.12 min
Lab File: BF092380.D
Acq: 20 Jan 2017 18:45

Instrument :
BNA_F
ClientSampleId :
B-6

Tgt Ion:163 Resp: 402082

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	9.9	8.0	12.0

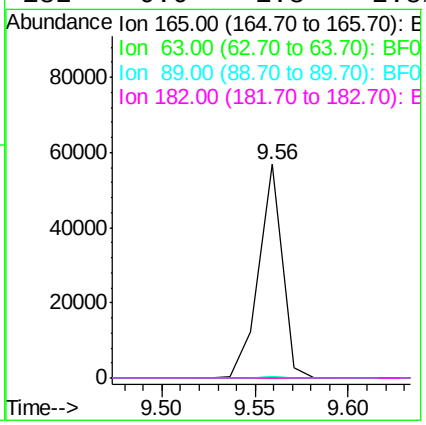


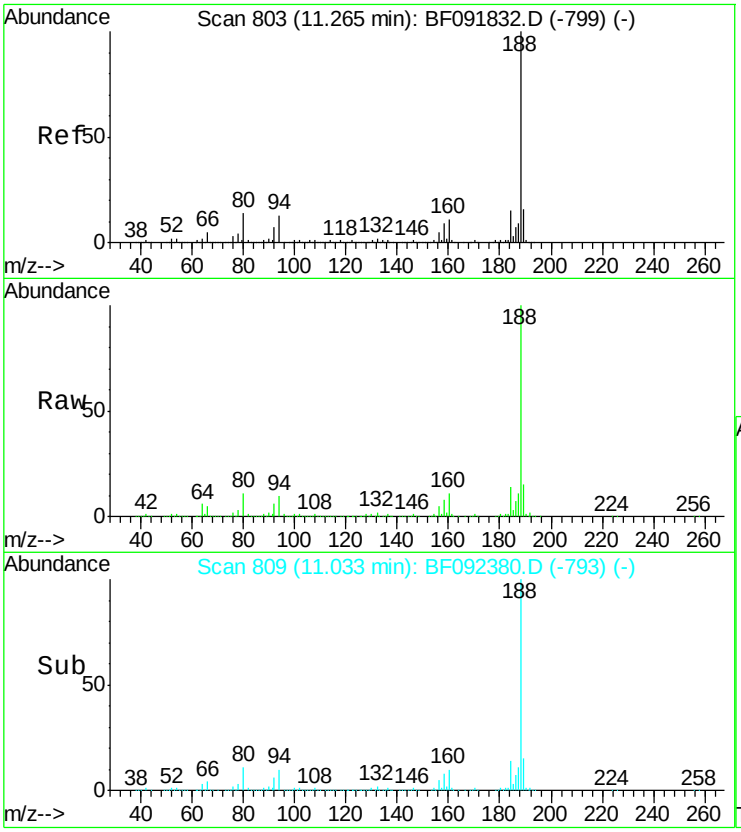


#56
2,4-Dinitrotoluene
Concen: 7.48 ng
RT: 9.56 min Scan# 680
Delta R.T. -0.33 min
Lab File: BF092380.D
Acq: 20 Jan 2017 18:45

Tgt Ion:165 Resp: 49567

Ion	Ratio	Lower	Upper
165	100		
63	0.7	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#



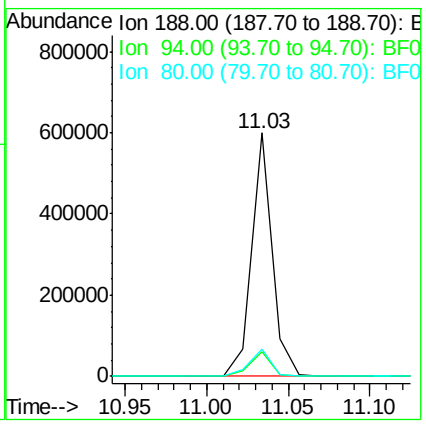


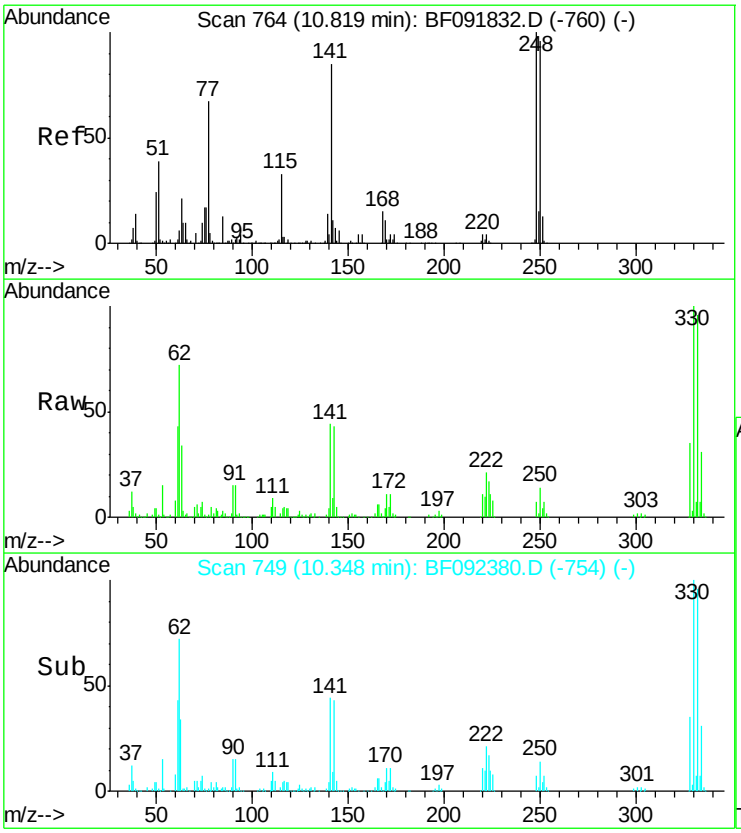
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. -0.12 min
Lab File: BF092380.D
Acq: 20 Jan 2017 18:45

Instrument :
BNA_F
ClientSampleId :
B-6

Tgt Ion:188 Resp: 524982

Ion	Ratio	Lower	Upper
188	100		
94	10.0	10.0	15.0
80	11.0	11.2	16.8#

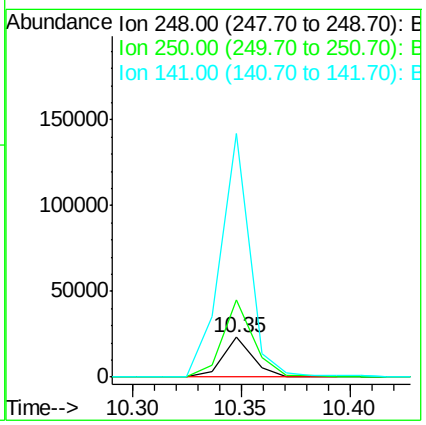


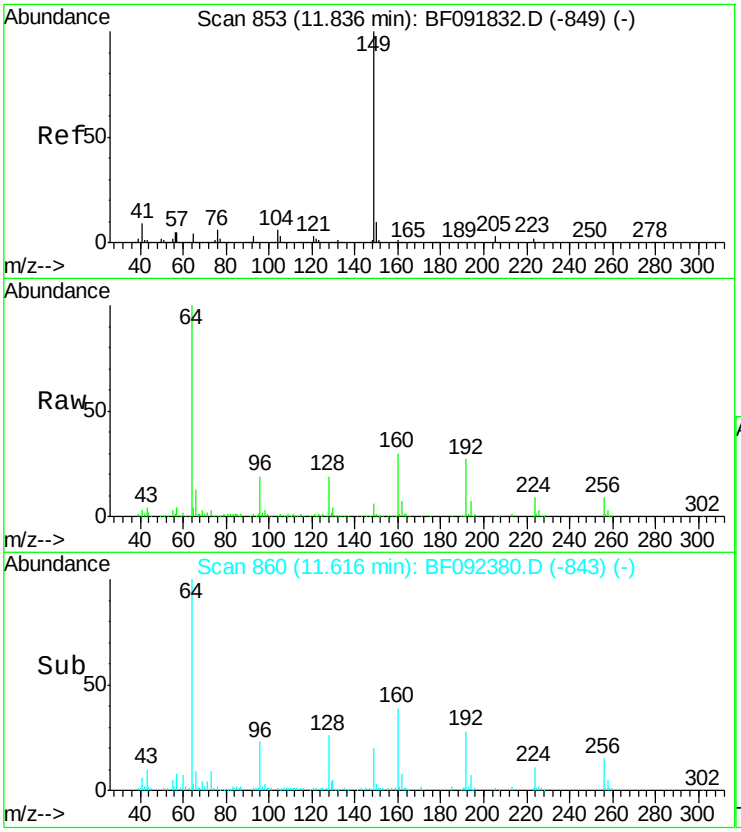


#66
4-Bromophenyl-phenylether
Concen: 4.06 ng
RT: 10.35 min Scan# 749
Delta R.T. -0.36 min
Lab File: BF092380.D
Acq: 20 Jan 2017 18:45

Tgt Ion:248 Resp: 22180

Ion	Ratio	Lower	Upper
248	100		
250	194.8	76.9	115.3#
141	614.5	68.2	102.4#



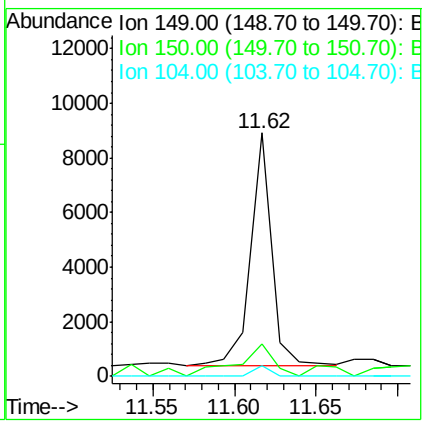


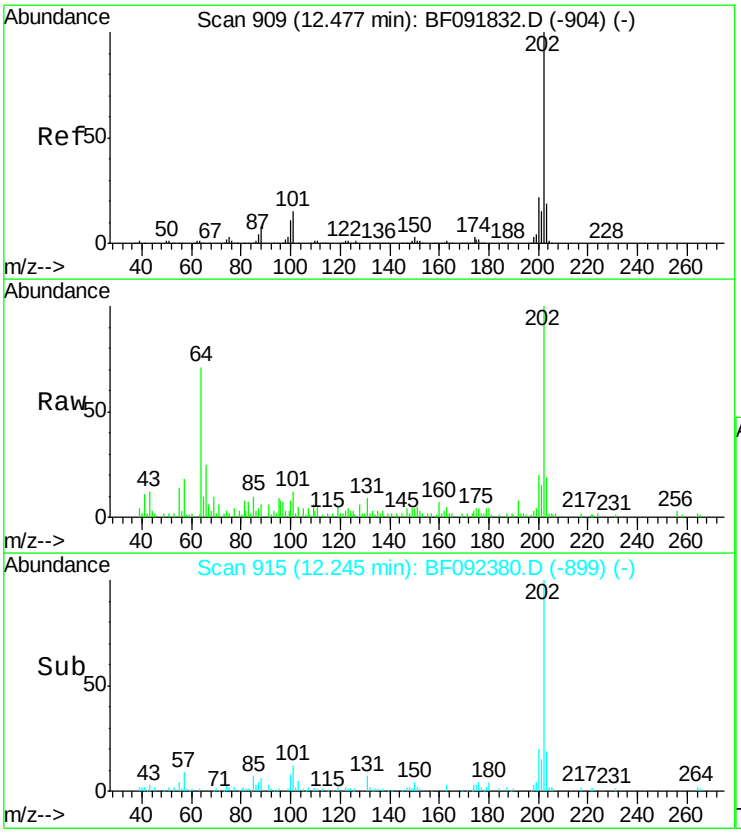
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.62 min Scan# 860
Delta R.T. -0.11 min
Lab File: BF092380.D
Acq: 20 Jan 2017 18:45

Instrument :
BNA_F
ClientSampleId :
B-6

Tgt Ion:149 Resp: 7697

Ion	Ratio	Lower	Upper
149	100		
150	13.2	8.1	12.1#
104	4.2	4.6	7.0#

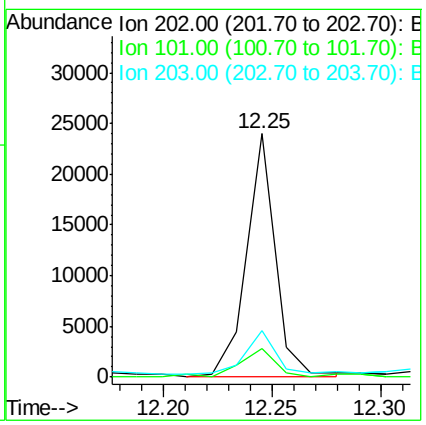


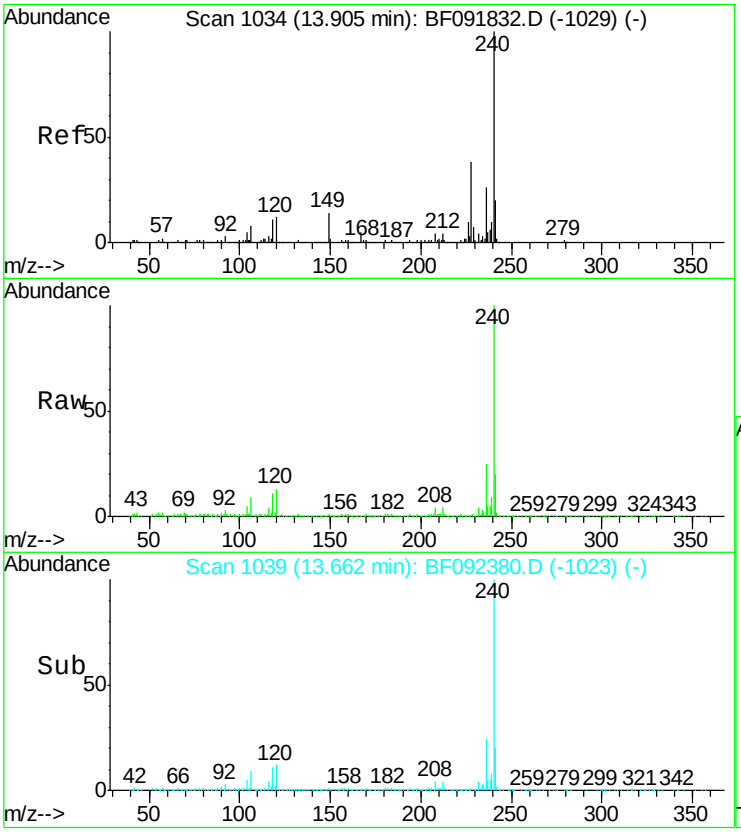


#74
Fluoranthene
Concen: Below Cal
RT: 12.25 min Scan# 915
Delta R.T. -0.12 min
Lab File: BF092380.D
Acq: 20 Jan 2017 18:45

Tgt Ion:202 Resp: 22283

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.6
203	19.1	0.0	38.7



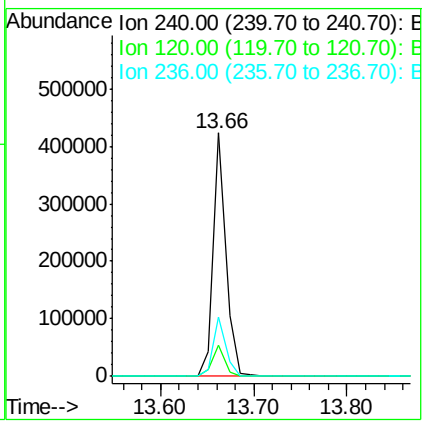


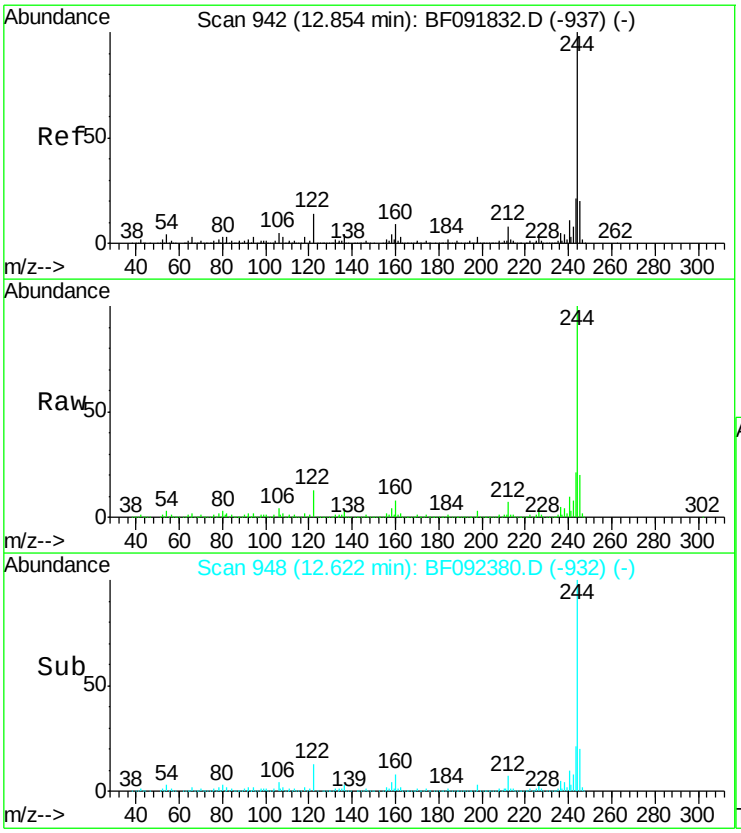
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.66 min Scan# 1039
Delta R.T. -0.12 min
Lab File: BF092380.D
Acq: 20 Jan 2017 18:45

Instrument :
BNA_F
ClientSampleId :
B-6

Tgt Ion:240 Resp: 397965

Ion	Ratio	Lower	Upper
240	100		
120	12.6	12.9	19.3#
236	24.5	20.9	31.3

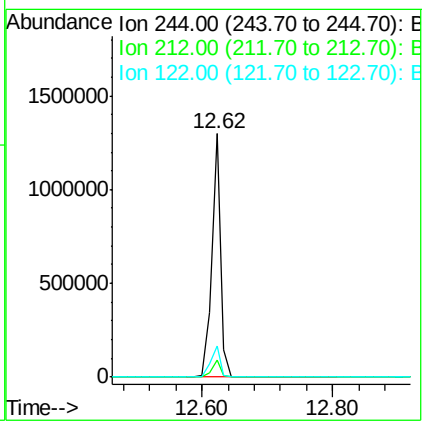


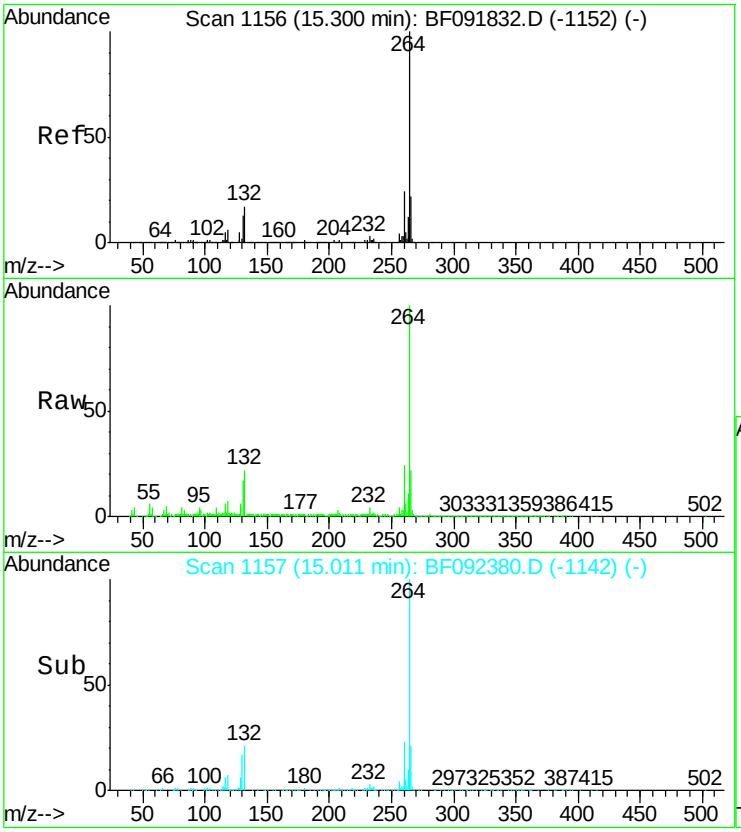


#78
Terphenyl-d14
Concen: 75.80 ng
RT: 12.62 min Scan# 948
Delta R.T. -0.12 min
Lab File: BF092380.D
Acq: 20 Jan 2017 18:45

Tgt Ion:244 Resp: 1243818

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	12.7	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1157
Delta R.T. -0.13 min
Lab File: BF092380.D
Acq: 20 Jan 2017 18:45

Instrument :
BNA_F
ClientSampleId :
B-6

Tgt Ion:264 Resp: 277719

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.4	26.0