Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091192.D
Acq On : 16 Nov 2016 17:09
Operator : UM/SJ
Sample : H5636-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS043041

Quant Time: Nov 16 23:52:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	180644	20.00	ng		-0.05
21) Naphthalene-d8	7.90	136	783510	20.00	ng		-0.05
38) Acenaphthene-d10	9.65	164	383638	20.00	ng		-0.05
63) Phenanthrene-d10	11.14	188	712099	20.00	ng		-0.03
75) Chrysene-d12	13.77	240	568442	20.00	ng		-0.05
86) Perylene-d12	15.14	264	469145	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	567048	51.84	ng		-0.05
7) Phenol-d6	6.27	99	475008	32.00	ng		-0.05
23) Nitrobenzene-d5	7.20	82	1472797	102.54	ng		-0.05
41) 2,4,6-Tribromophenol	10.45	330	475603	137.13	ng		-0.03
44) 2-Fluorobiphenyl	8.99	172	2139903	96.03	ng		-0.05
78) Terphenyl-d14	12.74	244	2462278	108.09	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.38	77	24395	2.96	ng		84
10) Phenol	6.28	94	44648	2.72	ng	#	67
15) Benzyl Alcohol	6.77	79	22398	2.14	ng	#	48
19) n-Nitroso-di-n-propylamine	7.20	70	200613	19.50	ng	#	76
25) Isophorone	7.20	82	1433248	51.79	ng	#	67
35) Caprolactam	8.33	113	23281	7.65	ng	#	71
49) Dimethylphthalate	9.39	163	145763	5.79	ng		98
50) 2,6-Dinitrotoluene	9.65	165	48139	8.93	ng	#	11
56) 2,4-Dinitrotoluene	9.65	165	48141	7.02	ng	#	26
66) 4-Bromophenyl-phenylether	10.45	248	31035	4.19	ng	#	1

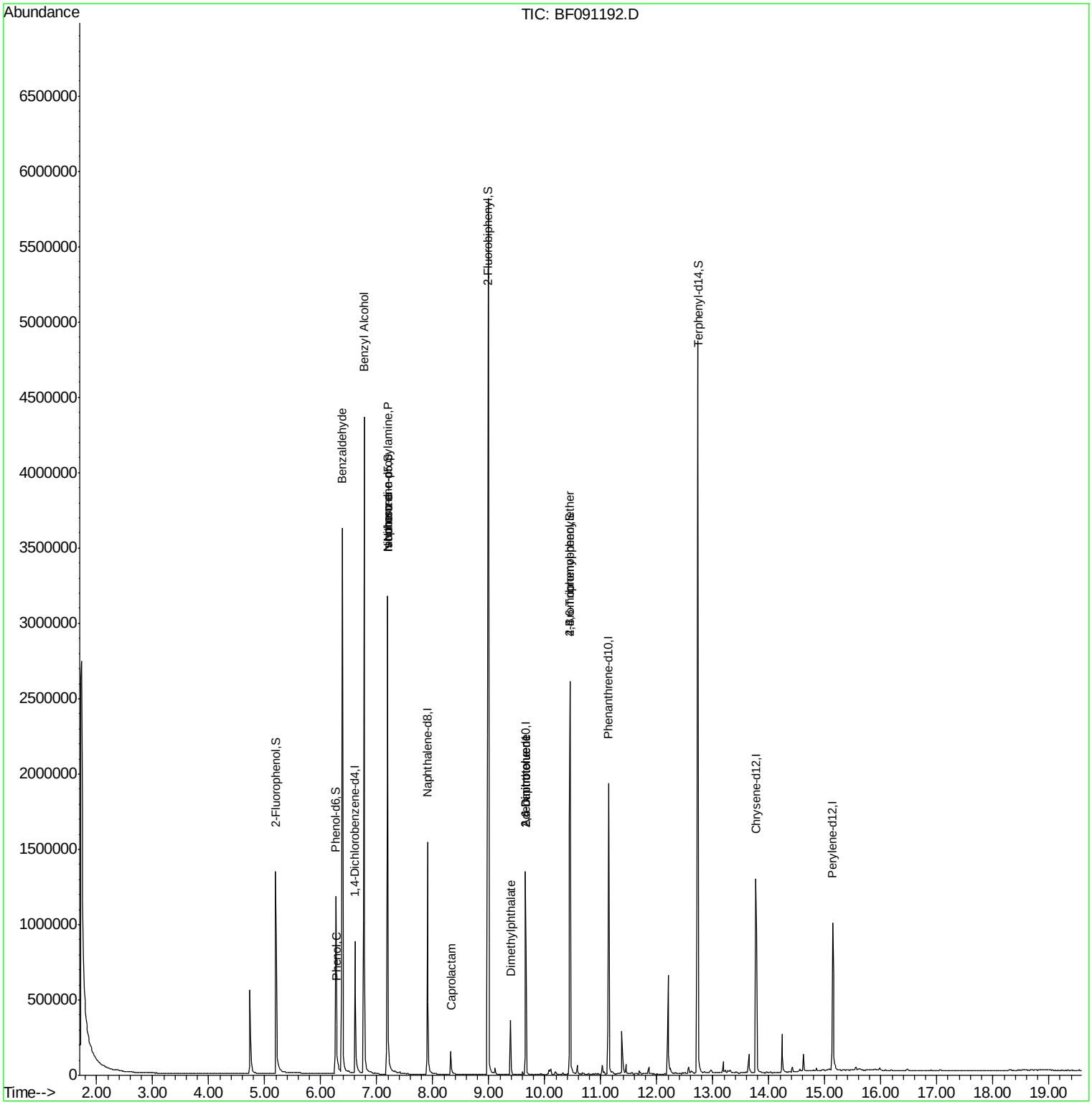
(#) = qualifier out of range (m) = manual integration (+) = signals summed

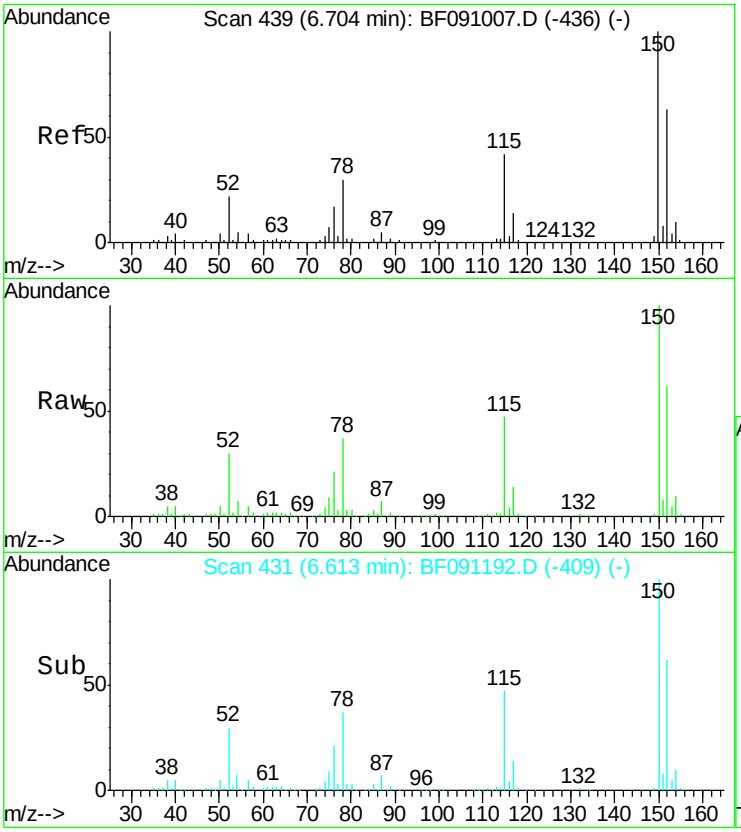
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091192.D
Acq On : 16 Nov 2016 17:09
Operator : UM/SJ
Sample : H5636-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPS043041

Quant Time: Nov 16 23:52:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration



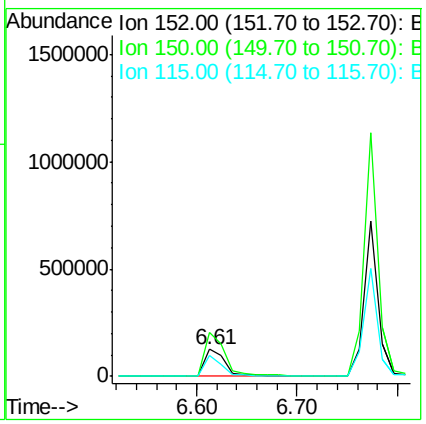


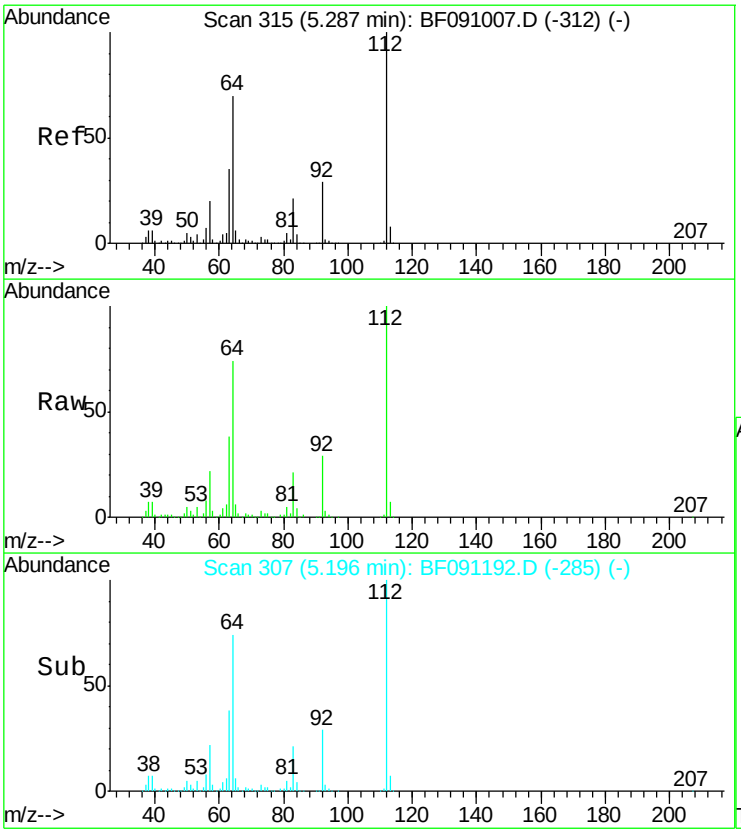
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Instrument :
BNA_F
ClientSampleId :
CPS043041

Tgt Ion:152 Resp: 180644

Ion	Ratio	Lower	Upper
152	100		
150	160.7	126.8	190.2
115	75.1	53.3	79.9

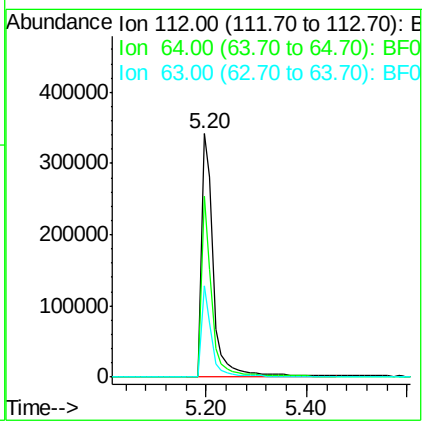


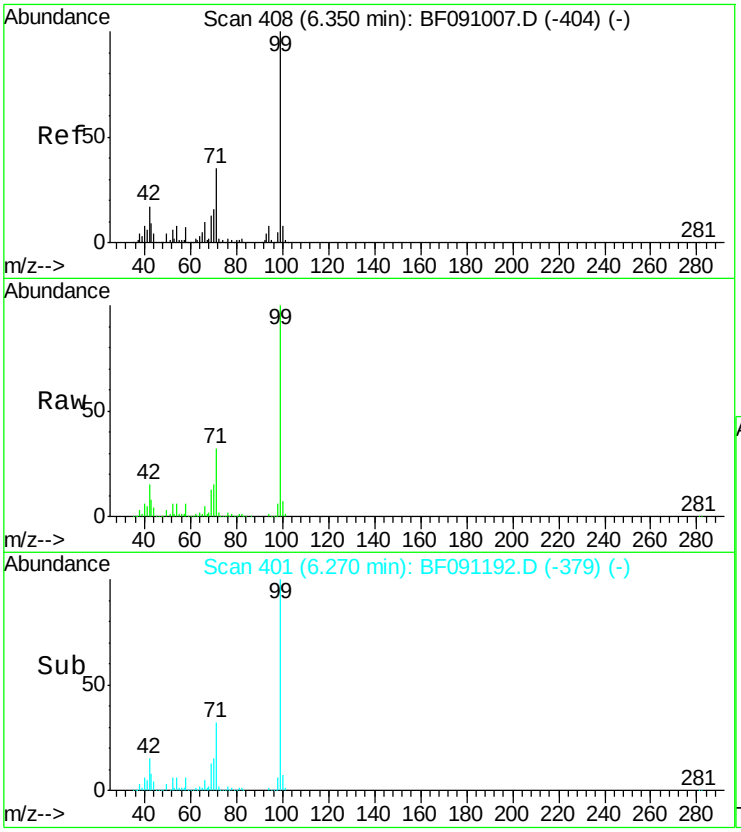


#5
2-Fluorophenol
Concen: 51.84 ng
RT: 5.20 min Scan# 307
Delta R.T. -0.05 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Tgt Ion:112 Resp: 567048

Ion	Ratio	Lower	Upper
112	100		
64	74.3	55.8	83.6
63	37.6	28.0	42.0



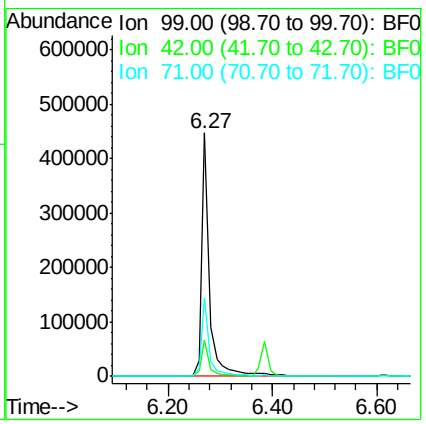


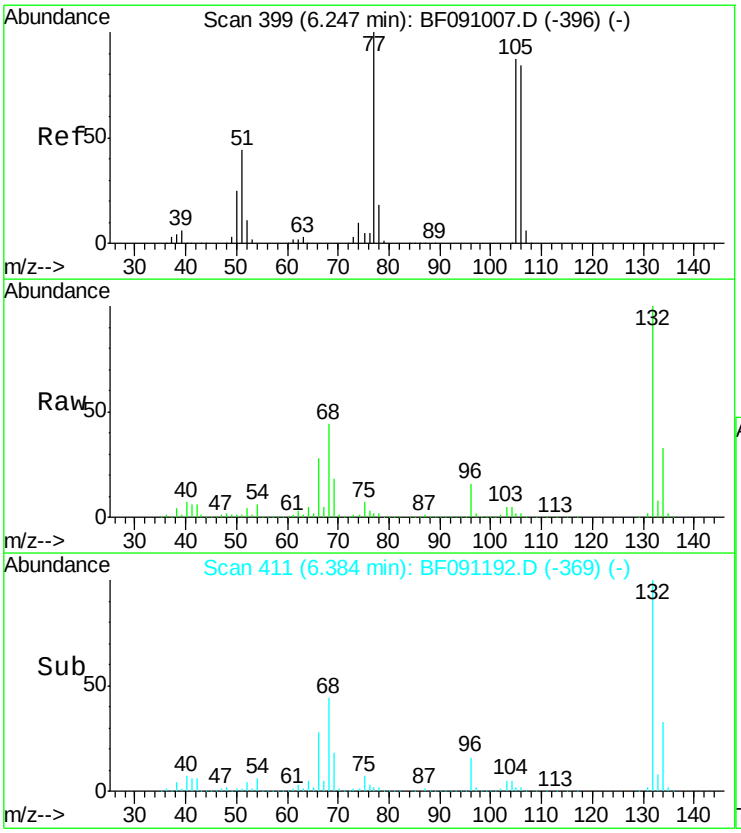
#7
Phenol-d6
Concen: 32.00 ng
RT: 6.27 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Instrument :
BNA_F
ClientSampleId :
CPS043041

Tgt Ion: 99 Resp: 475008

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.9	20.9
71	32.3	27.8	41.8

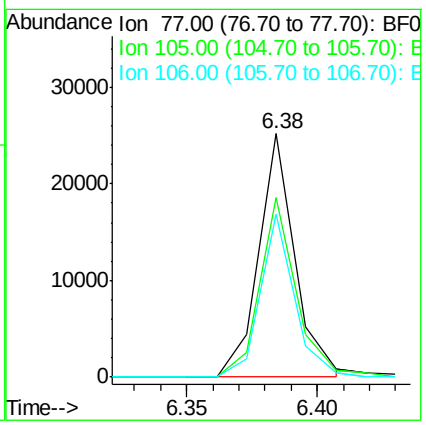


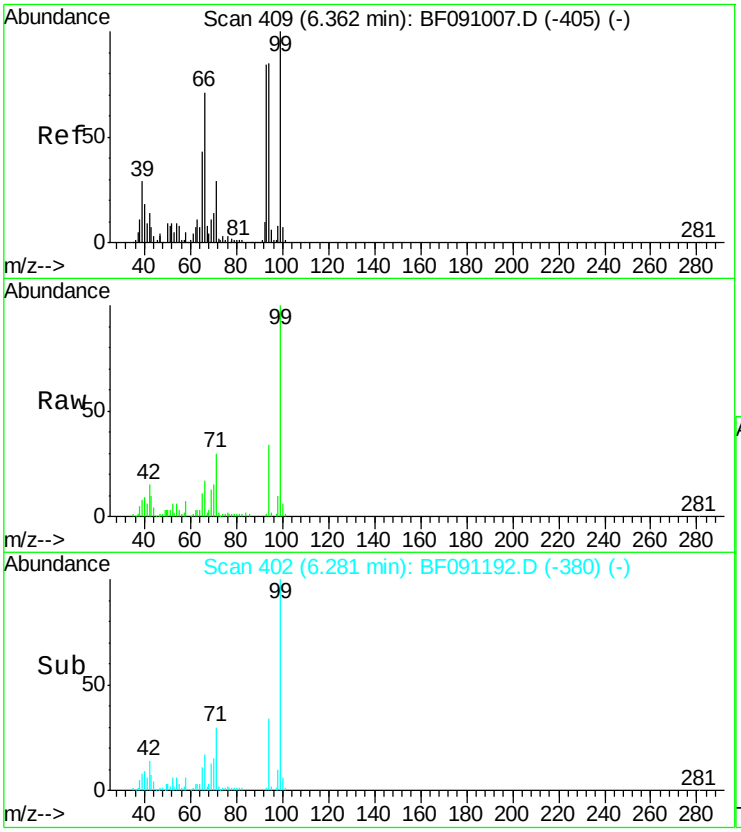


#9
Benzaldehyde
Concen: 2.96 ng
RT: 6.38 min Scan# 411
Delta R.T. 0.18 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Tgt Ion: 77 Resp: 24395

Ion	Ratio	Lower	Upper
77	100		
105	73.9	66.8	106.8
106	66.8	64.0	104.0



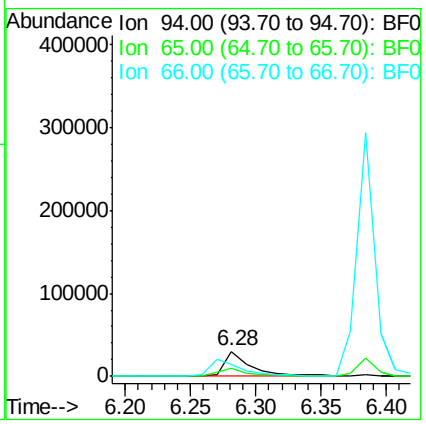


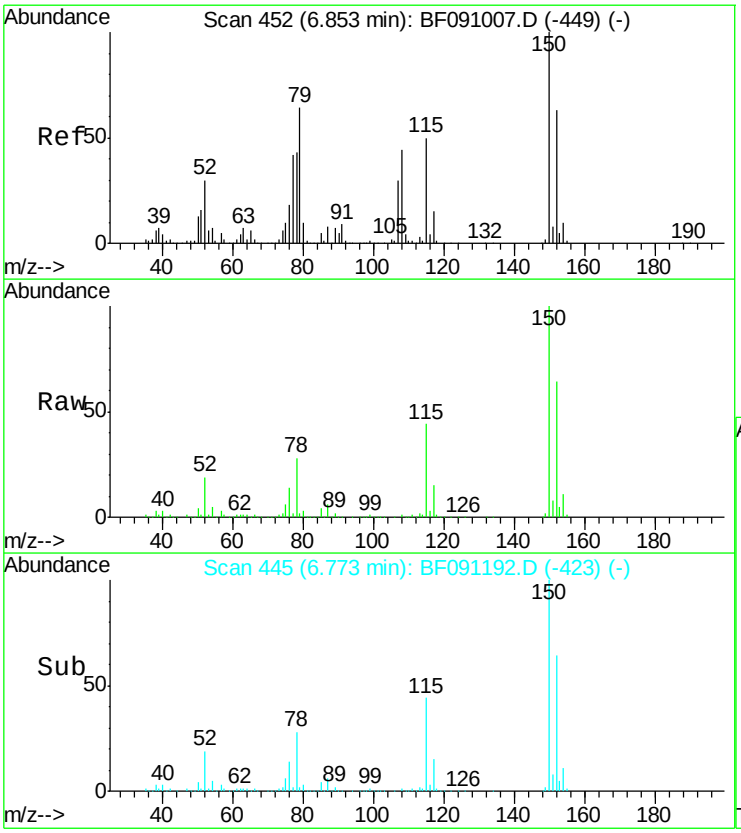
#10
Phenol
Concen: 2.72 ng
RT: 6.28 min Scan# 402
Delta R.T. -0.05 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Instrument :
BNA_F
ClientSampleId :
CPS043041

Tgt Ion: 94 Resp: 44648

Ion	Ratio	Lower	Upper
94	100		
65	31.6	30.4	70.4
66	49.4	62.9	102.9#

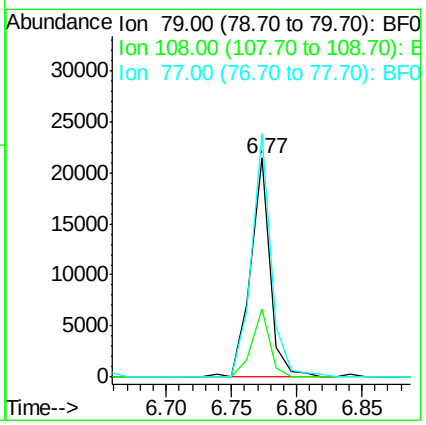


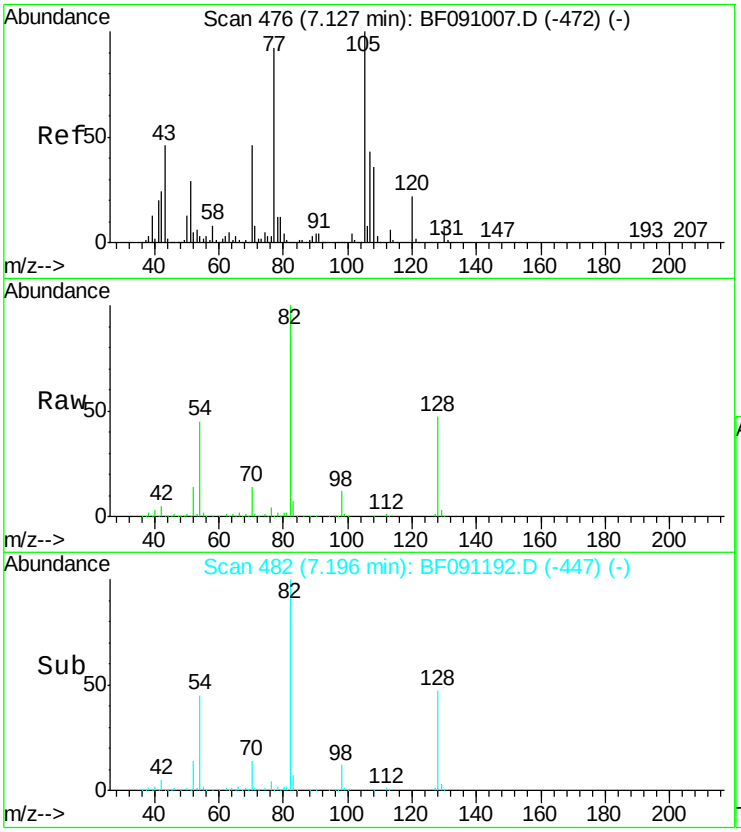


#15
Benzyl Alcohol
Concen: 2.14 ng
RT: 6.77 min Scan# 445
Delta R.T. -0.05 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Tgt Ion: 79 Resp: 22398

Ion	Ratio	Lower	Upper
79	100		
108	30.9	55.7	83.5#
77	111.1	52.6	79.0#



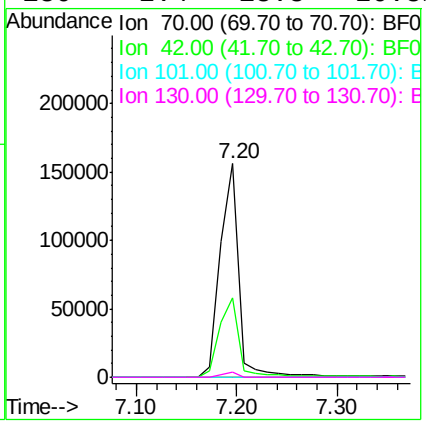


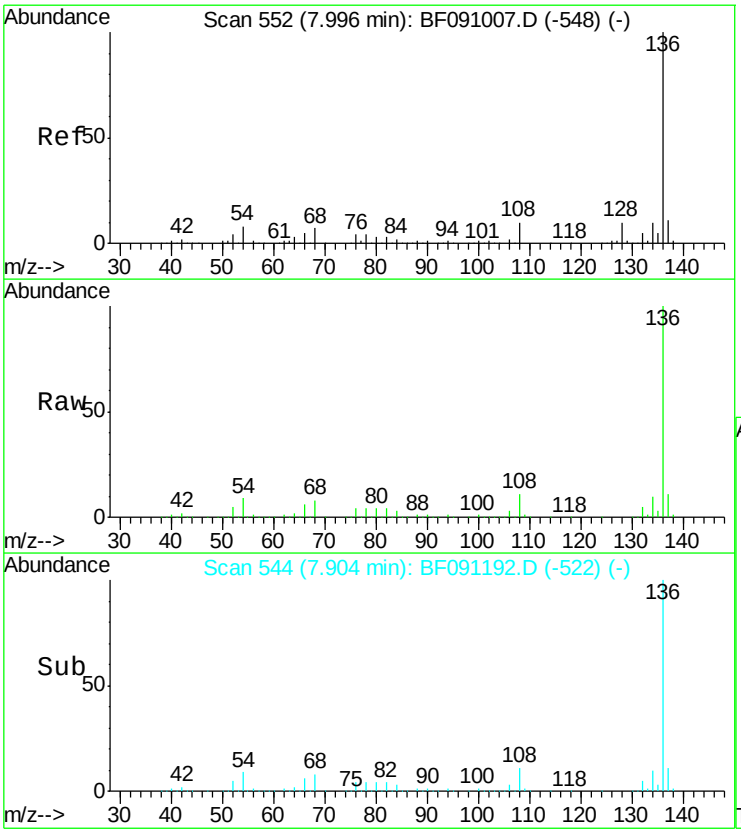
#19
n-Nitroso-di-n-propylamine
Concen: 19.50 ng
RT: 7.20 min Scan# 482
Delta R.T. 0.10 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Instrument :
BNA_F
ClientSampleId :
CPS043041

Tgt Ion: 70 Resp: 200613

Ion	Ratio	Lower	Upper
70	100		
42	37.2	41.7	62.5#
101	0.0	6.7	10.1#
130	2.4	13.8	20.8#

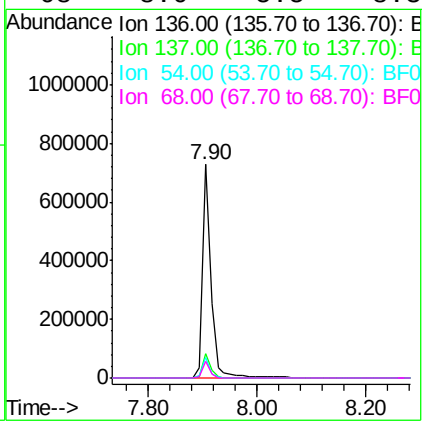


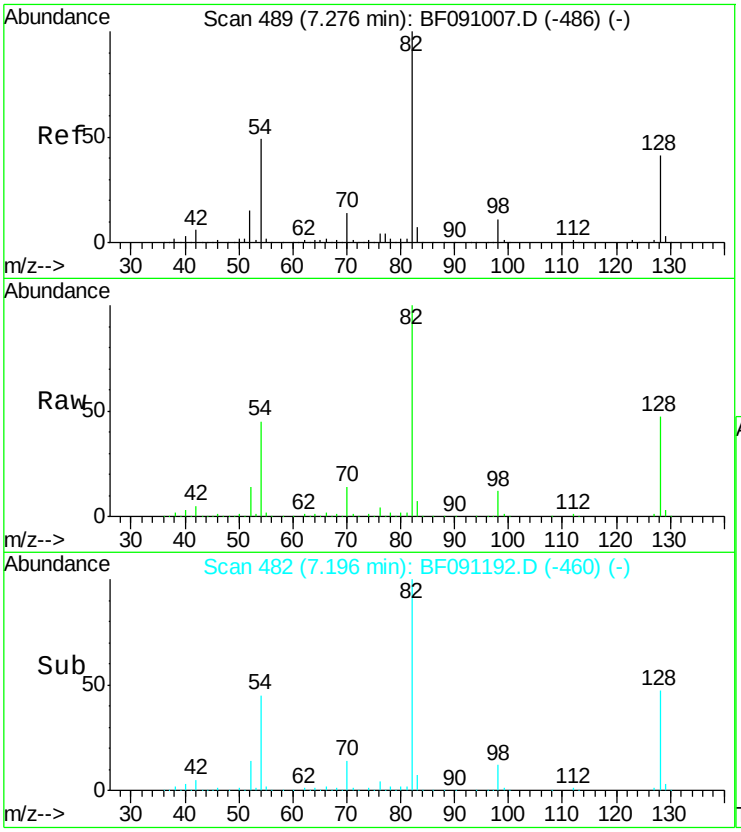


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.05 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Tgt Ion:136 Resp: 783510

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.5	6.2	9.2#
68	8.0	5.5	8.3



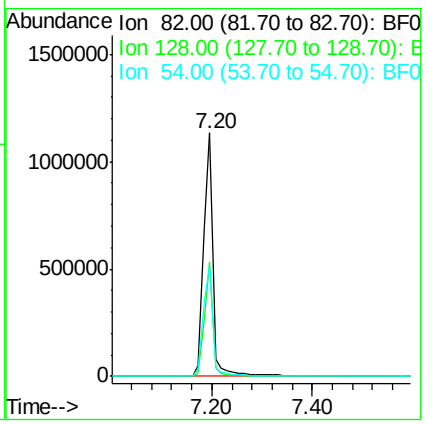


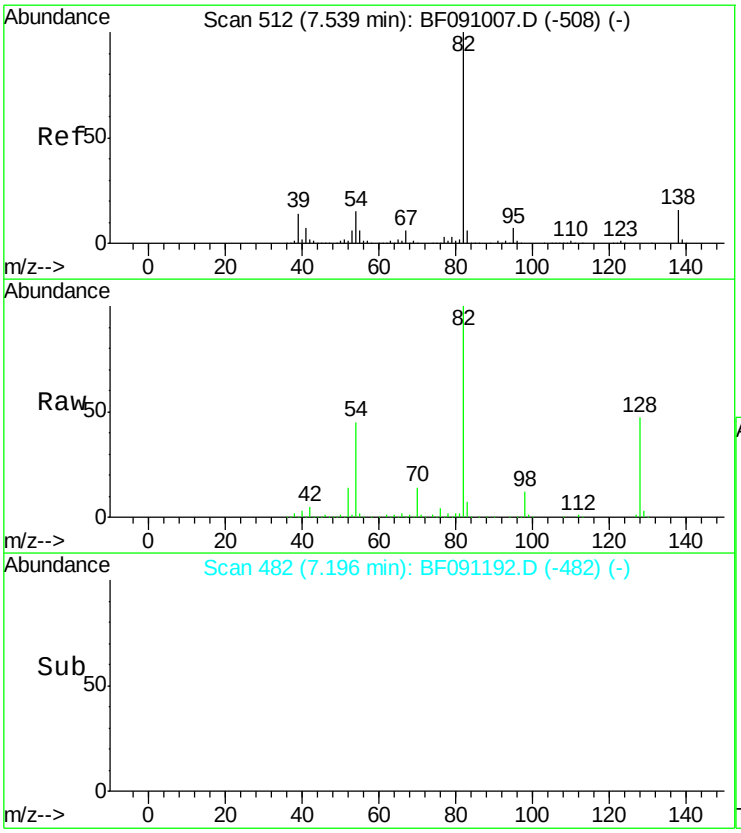
#23
Nitrobenzene-d5
Concen: 102.54 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Instrument :
BNA_F
ClientSampleId :
CPS043041

Tgt Ion: 82 Resp: 1472797

Ion	Ratio	Lower	Upper
82	100		
128	46.7	32.4	48.6
54	45.3	39.2	58.8

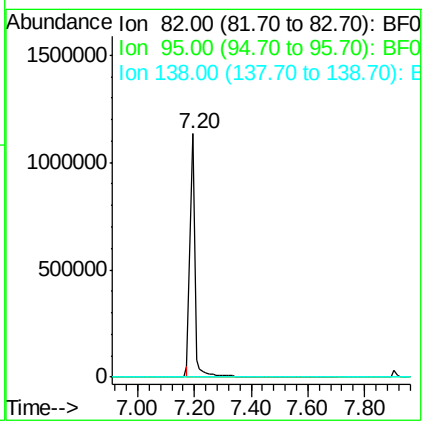


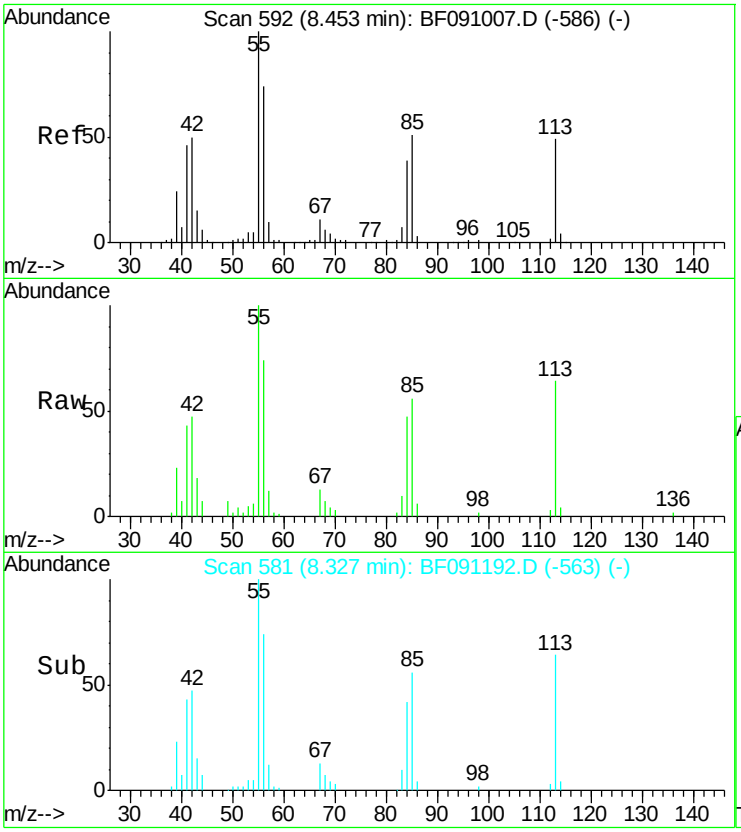


#25
Isophorone
Concen: 51.79 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.30 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Tgt Ion: 82 Resp: 1433248

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.0	19.4#



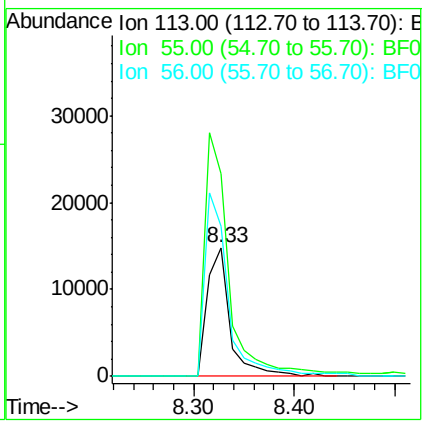


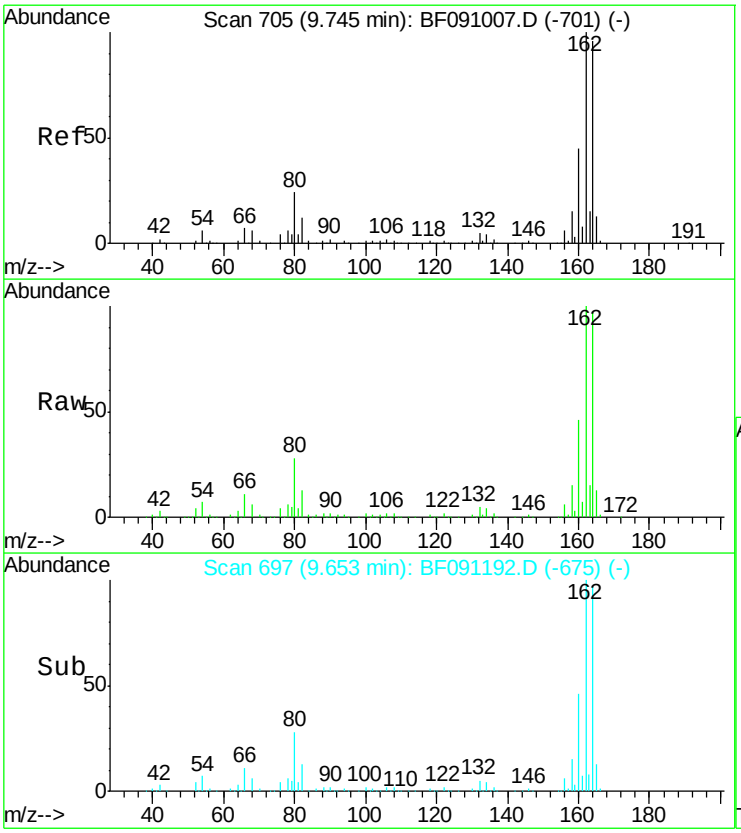
#35
Caprolactam
Concen: 7.65 ng
RT: 8.33 min Scan# 581
Delta R.T. -0.09 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Instrument :
BNA_F
ClientSampleId :
CPS043041

Tgt Ion:113 Resp: 23281

Ion	Ratio	Lower	Upper
113	100		
55	157.0	184.1	224.1#
56	116.9	132.0	172.0#

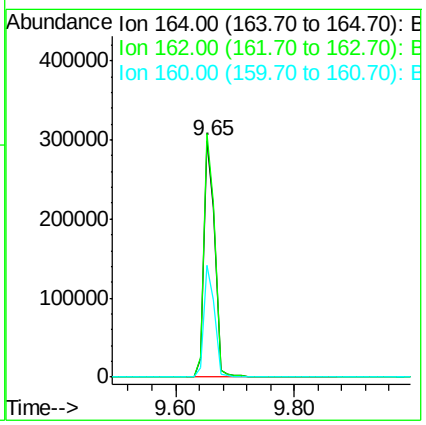


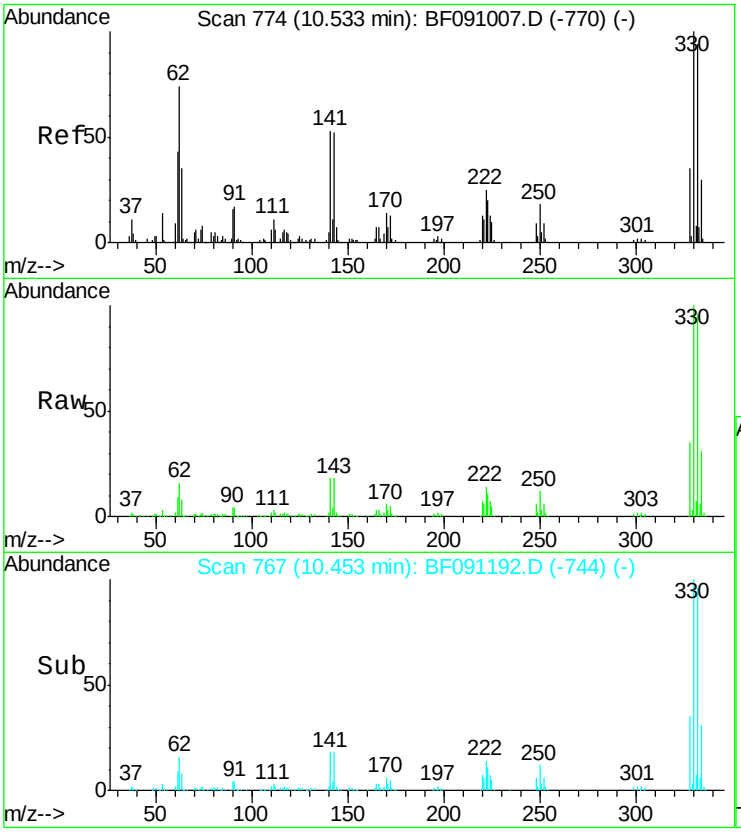


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Tgt Ion:164 Resp: 383638

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.6	125.4
160	47.3	37.9	56.9



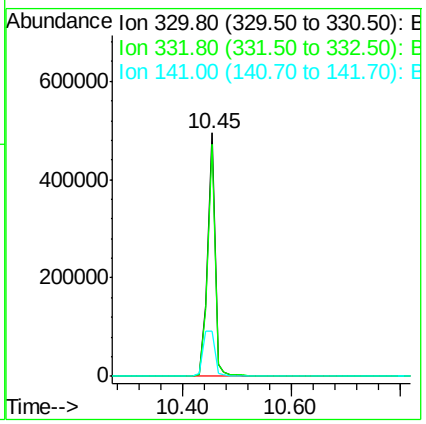


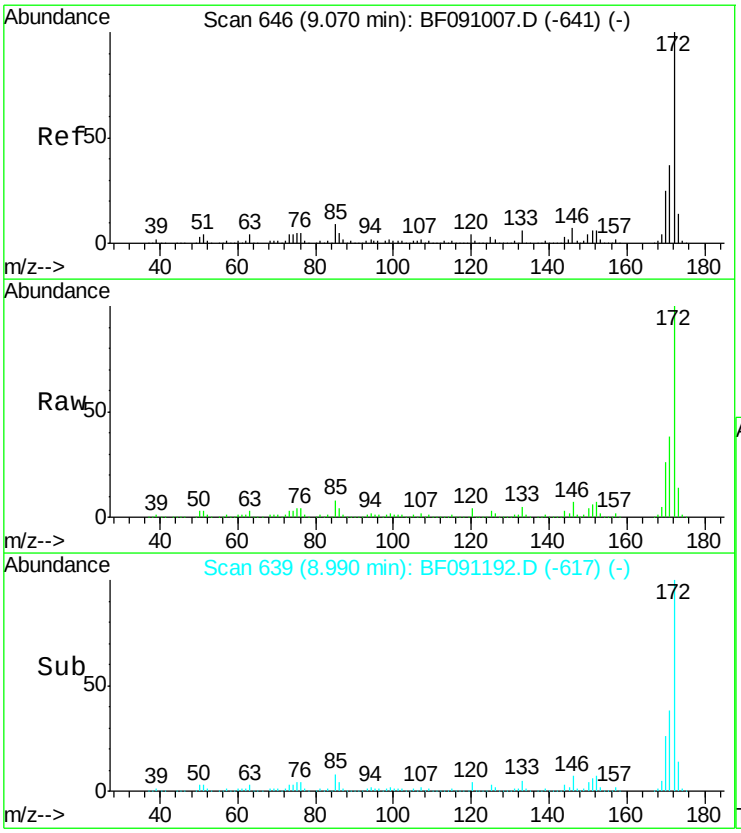
#41
2,4,6-Tribromophenol
Concen: 137.13 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Instrument :
BNA_F
ClientSampleId :
CPS043041

Tgt Ion:330 Resp: 475603

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.9	113.9
141	29.8	36.1	54.1#

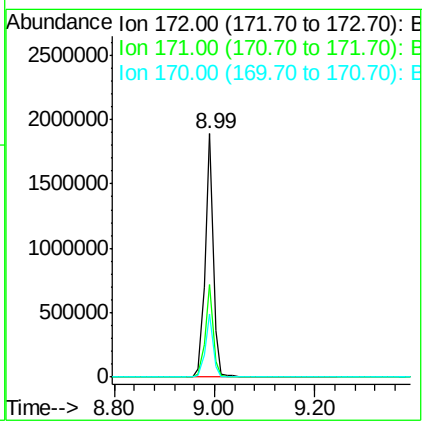


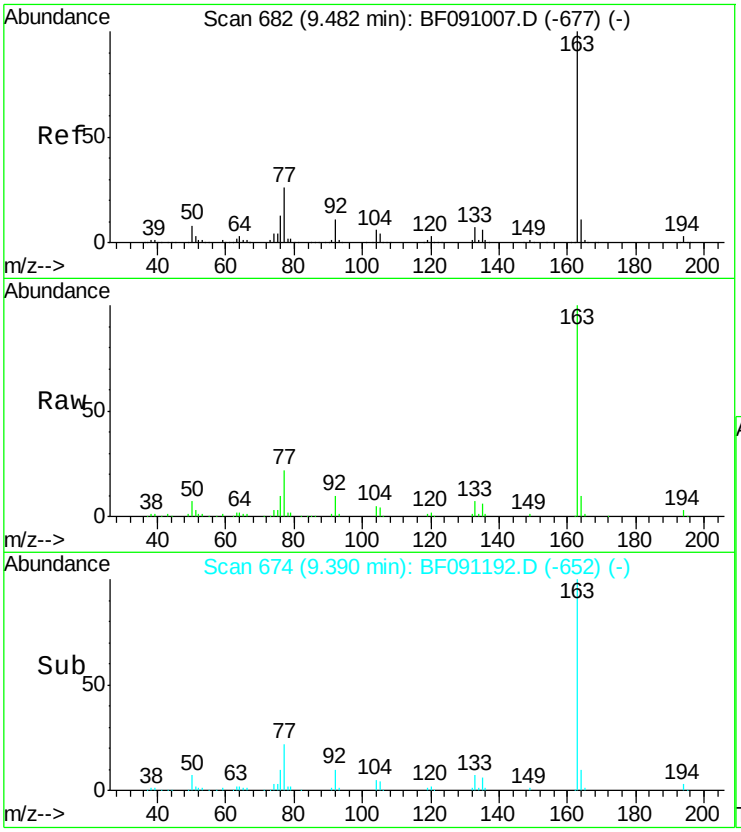


#44
2-Fluorobiphenyl
Concen: 96.03 ng
RT: 8.99 min Scan# 639
Delta R.T. -0.05 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Tgt Ion:172 Resp: 2139903

Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.8	44.6
170	26.2	20.3	30.5



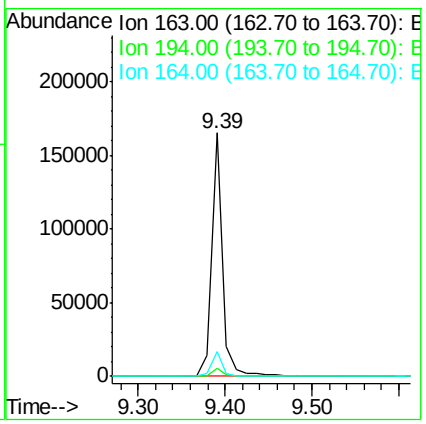


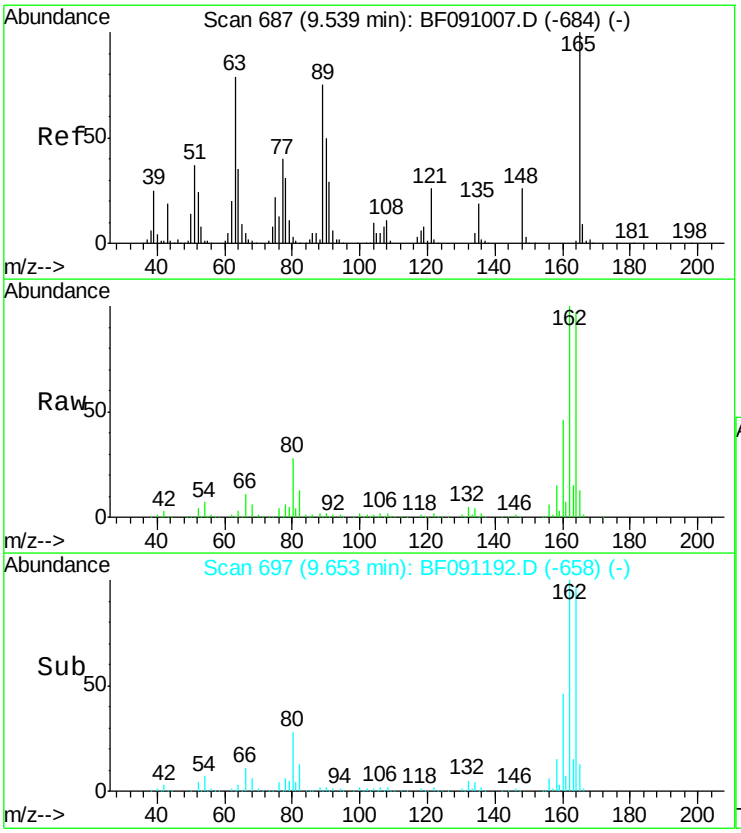
#49
Dimethylphthalate
Concen: 5.79 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.05 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Instrument :
BNA_F
ClientSampleId :
CPS043041

Tgt Ion:163 Resp: 145763

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.0	8.7	13.1

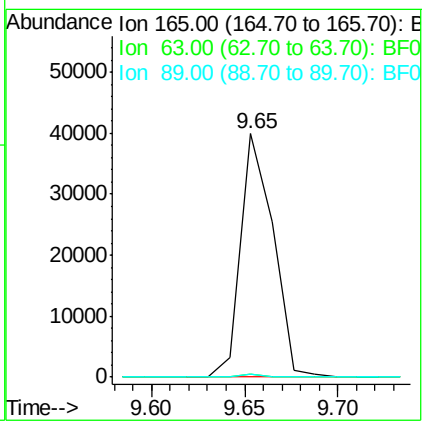


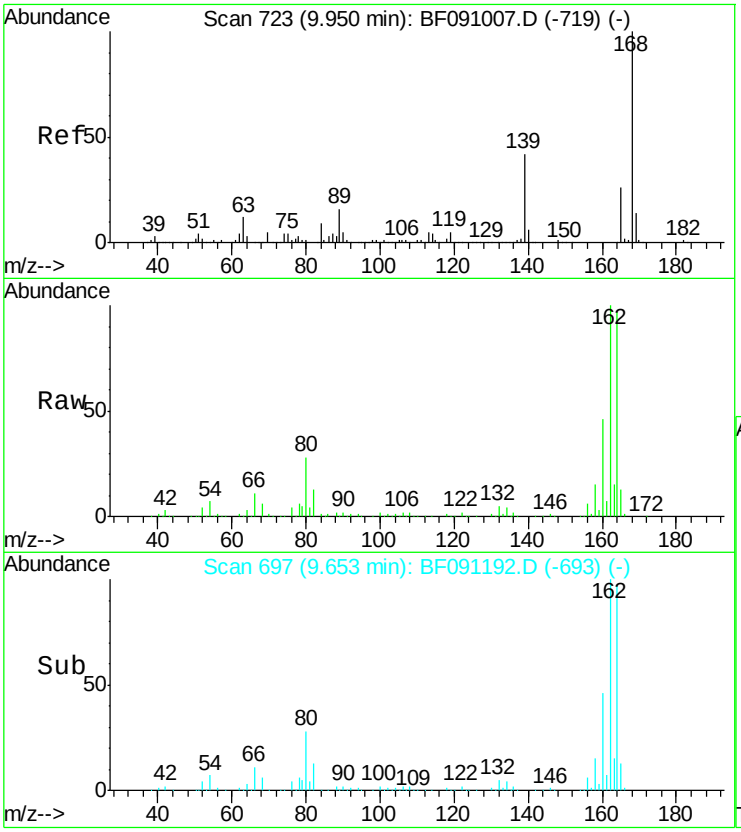


#50
2,6-Dinitrotoluene
Concen: 8.93 ng
RT: 9.65 min Scan# 697
Delta R.T. 0.15 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Tgt Ion:165 Resp: 48139

Ion	Ratio	Lower	Upper
165	100		
63	1.2	65.6	98.4#
89	1.1	59.8	89.6#



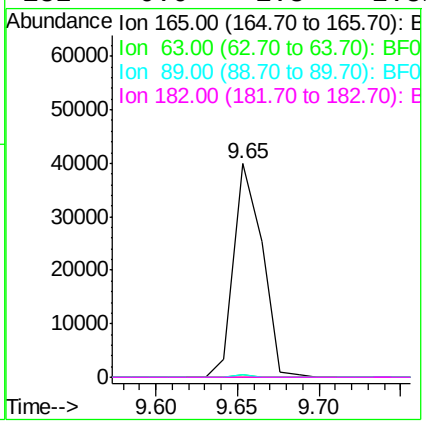


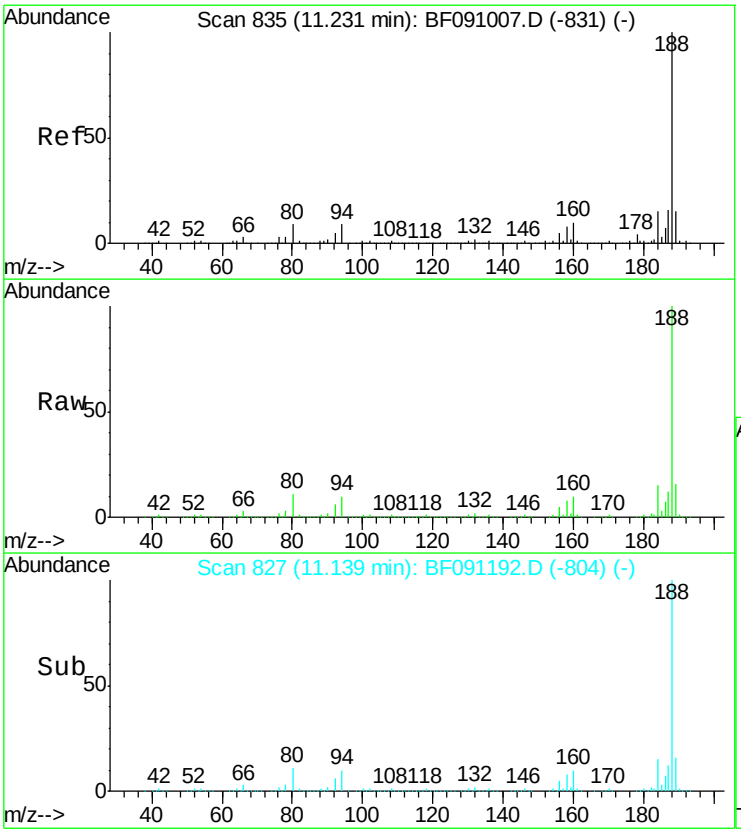
#56
2,4-Dinitrotoluene
Concen: 7.02 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.25 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Instrument :
BNA_F
ClientSampleId :
CPS043041

Tgt Ion:165 Resp: 48141

Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.7	58.1#
89	1.1	50.6	76.0#
182	0.0	1.8	2.8#

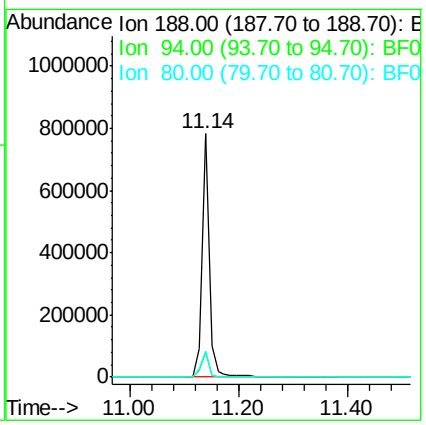


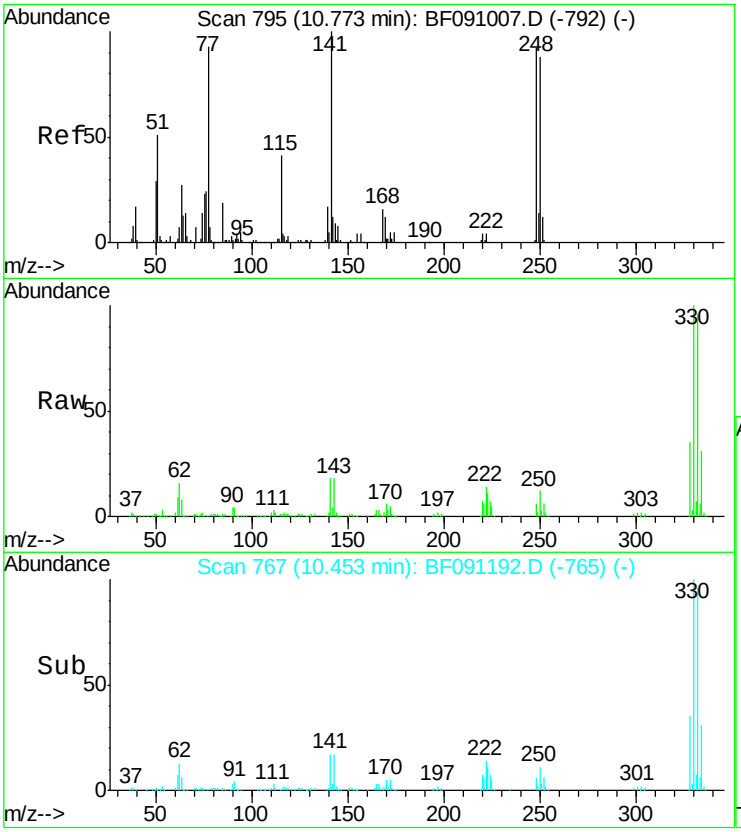


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Tgt Ion:188 Resp: 712099

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.0	10.4
80	10.9	7.5	11.3



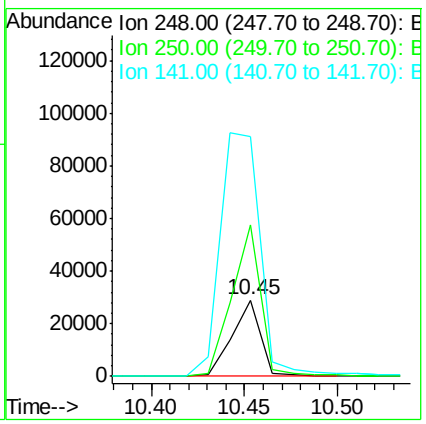


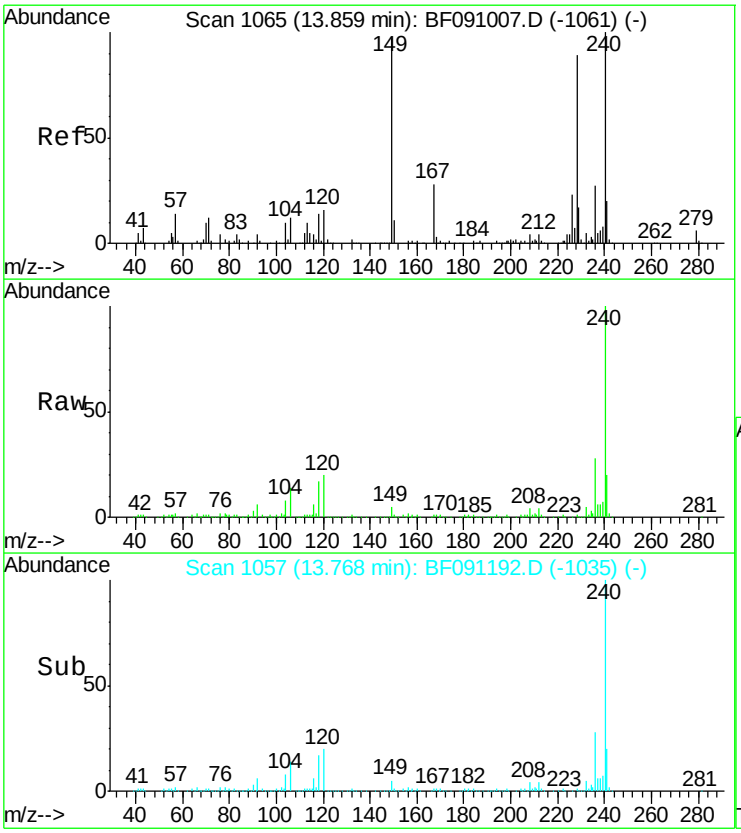
#66
4-Bromophenyl-phenylether
Concen: 4.19 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.27 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Instrument :
BNA_F
ClientSampleId :
CPS043041

Tgt Ion:248 Resp: 31035

Ion	Ratio	Lower	Upper
248	100		
250	197.7	76.3	114.5#
141	314.0	86.8	130.2#

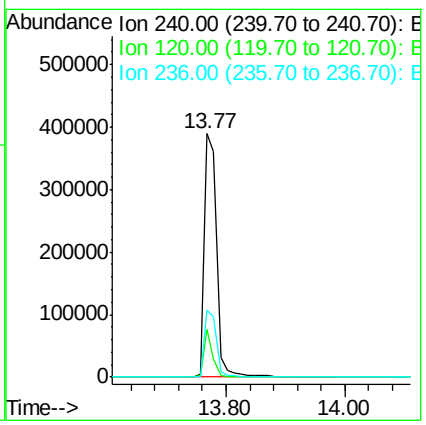


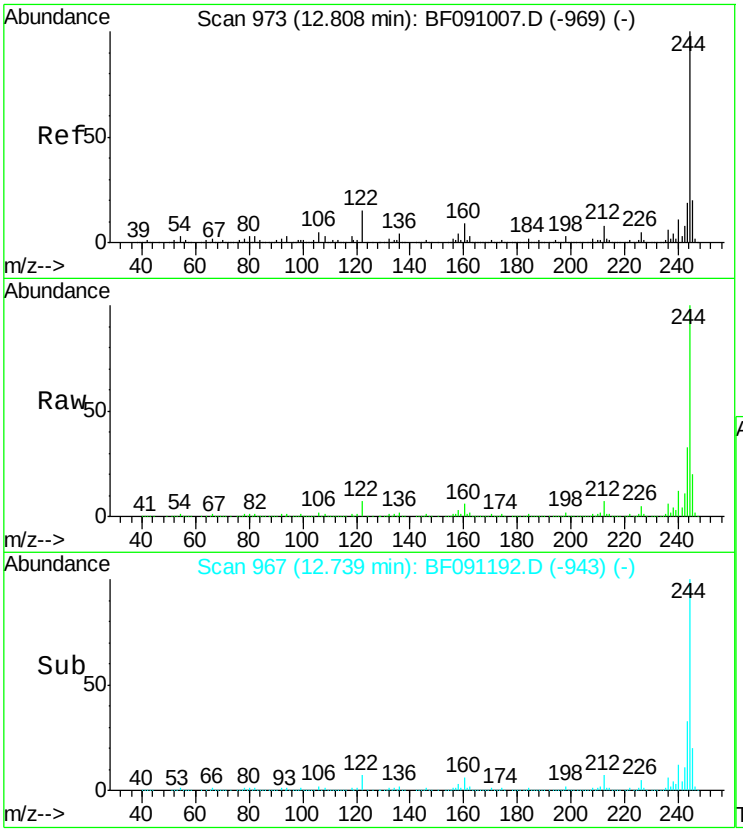


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.05 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Tgt Ion:240 Resp: 568442

Ion	Ratio	Lower	Upper
240	100		
120	19.8	12.9	19.3#
236	27.5	21.9	32.9



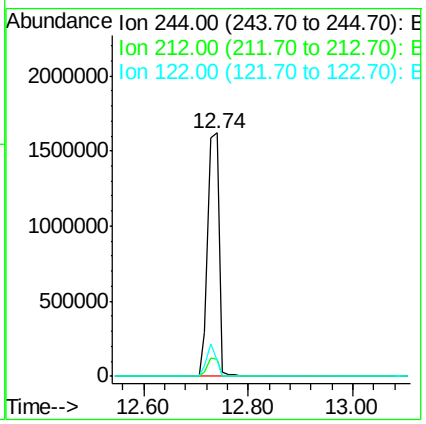


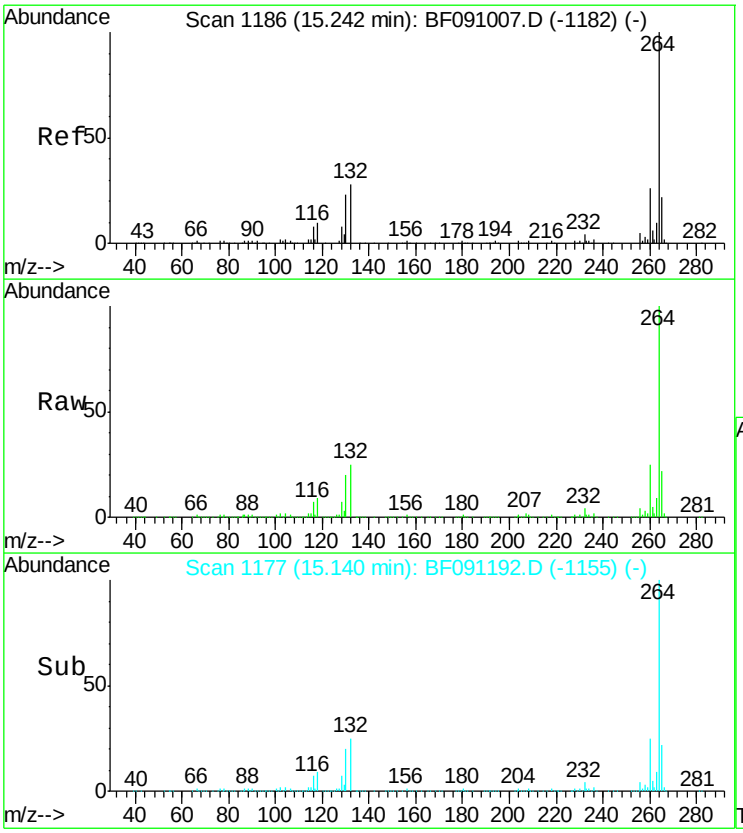
#78
Terphenyl-d14
Concen: 108.09 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Instrument :
BNA_F
ClientSampleId :
CPS043041

Tgt Ion:244 Resp: 2462278

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.4	9.6
122	6.6	12.3	18.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Tgt Ion:264 Resp: 469145

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	30.8
265	21.7	17.8	26.8