Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
Data File : BF092192.D
Acq On : 10 Jan 2017 19:54
Operator : UM/SJ
Sample : I1078-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF-0-2-COMP

Quant Time: Jan 10 23:34:11 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	6.63	152	266187	20.00	ng		-0.01
21) Naphthalene-d8	7.91	136	1086072	20.00	ng		-0.02
38) Acenaphthene-d10	9.67	164	604454	20.00	ng		-0.01
63) Phenanthrene-d10	11.15	188	954946	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	769471	20.00	ng		0.00
86) Perylene-d12	15.16	264	558236	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1380415	86.59	ng		0.00
7) Phenol-d6	6.30	99	1958240	100.61	ng		-0.01
23) Nitrobenzene-d5	7.20	82	1558644	79.80	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	577024	115.35	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	2218822	73.46	ng		-0.01
78) Terphenyl-d14	12.75	244	2263740	71.35	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.31	94	124259	5.60	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	206077	15.91	ng	#	74
25) Isophorone	7.20	82	1491803	41.40	ng	#	65
37) 2-Methylnaphthalene	8.63	142	621	Below Cal			94
49) Dimethylphthalate	9.40	163	256574	6.64	ng		100
56) 2,4-Dinitrotoluene	9.67	165	79681	7.50	ng	#	19
66) 4-Bromophenyl-phenylether	10.46	248	33782	3.40	ng	#	1
71) Anthracene	11.23	178	1570	Below Cal		#	51
73) Di-n-butylphthalate	11.73	149	10096	Below Cal			97
74) Fluoranthene	12.36	202	7962	Below Cal			96

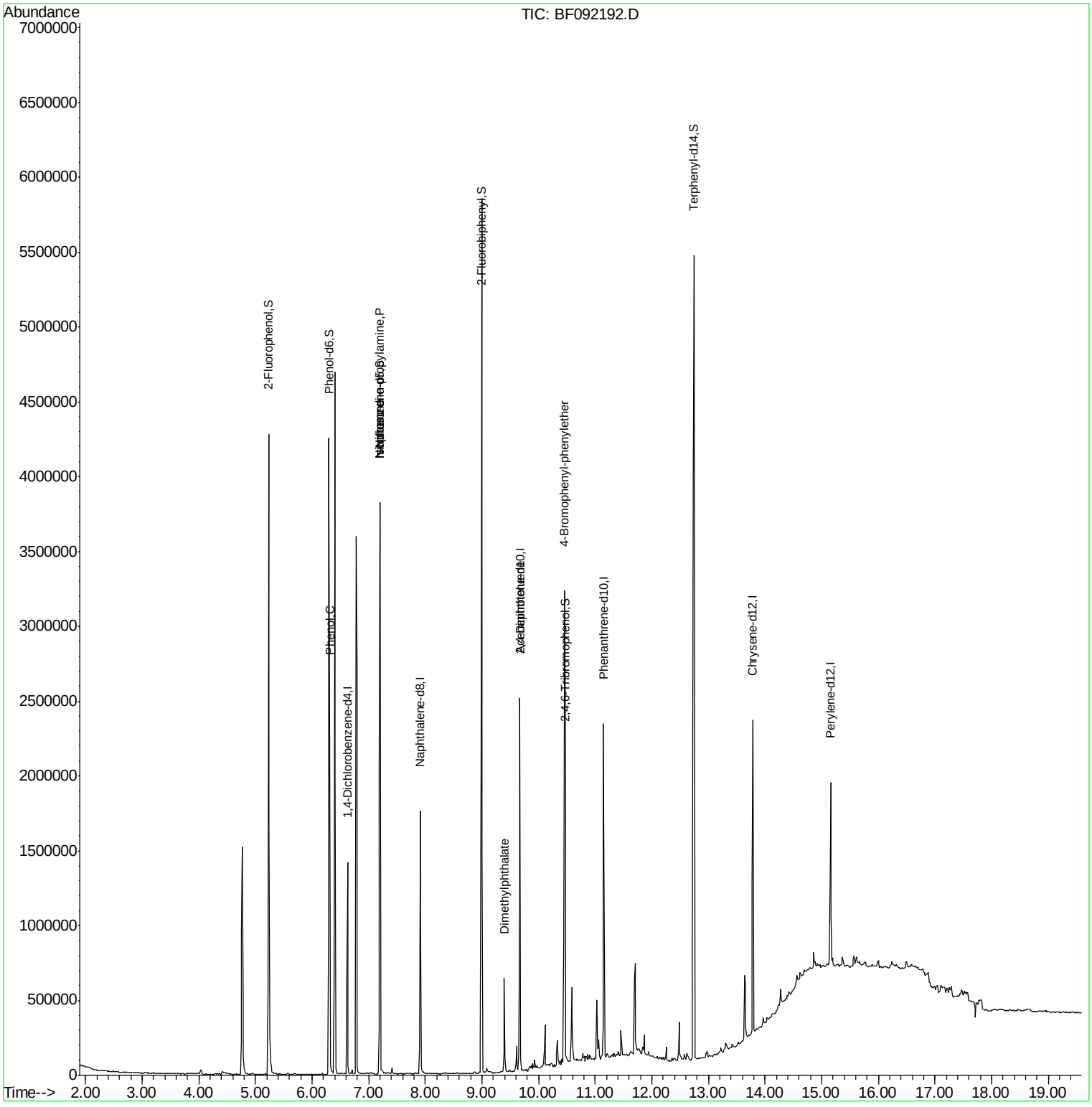
(#) = qualifier out of range (m) = manual integration (+) = signals summed

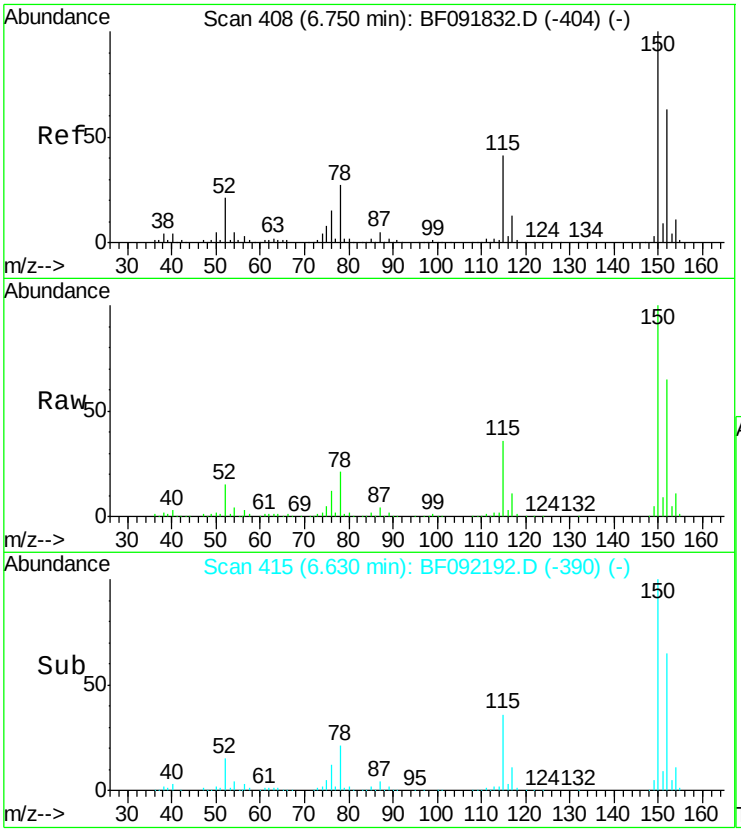
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
Data File : BF092192.D
Acq On : 10 Jan 2017 19:54
Operator : UM/SJ
Sample : I1078-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-0-2-COMP

Quant Time: Jan 10 23:34:11 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



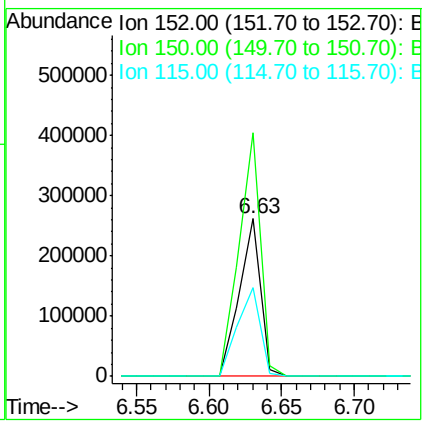


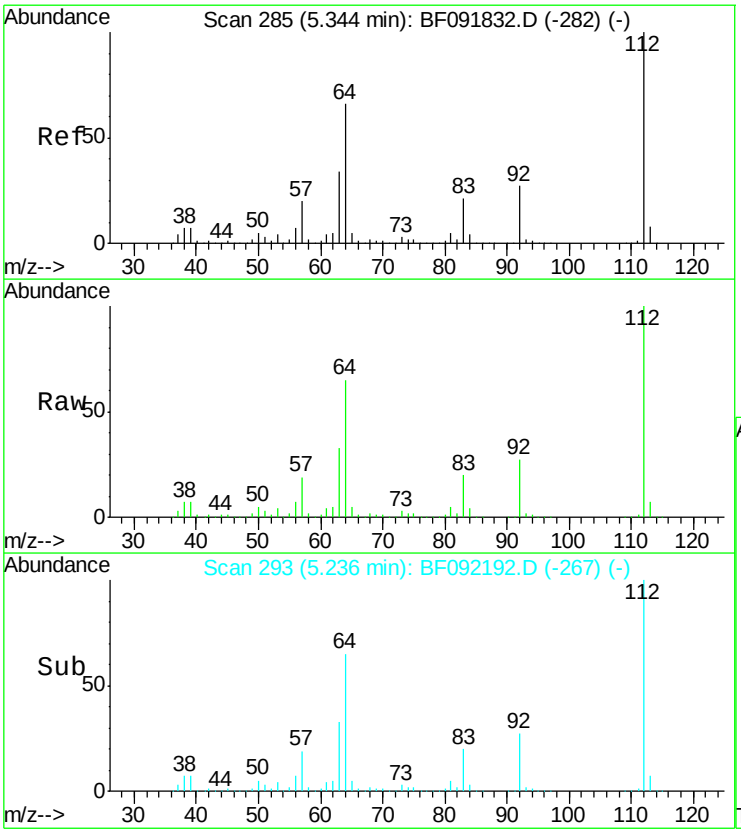
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF092192.D
Acq: 10 Jan 2017 19:54

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-0-2-COMP

Tgt Ion:152 Resp: 266187

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.9	187.3
115	56.1	46.0	69.0

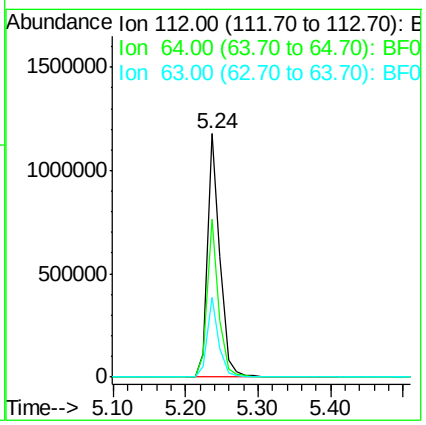


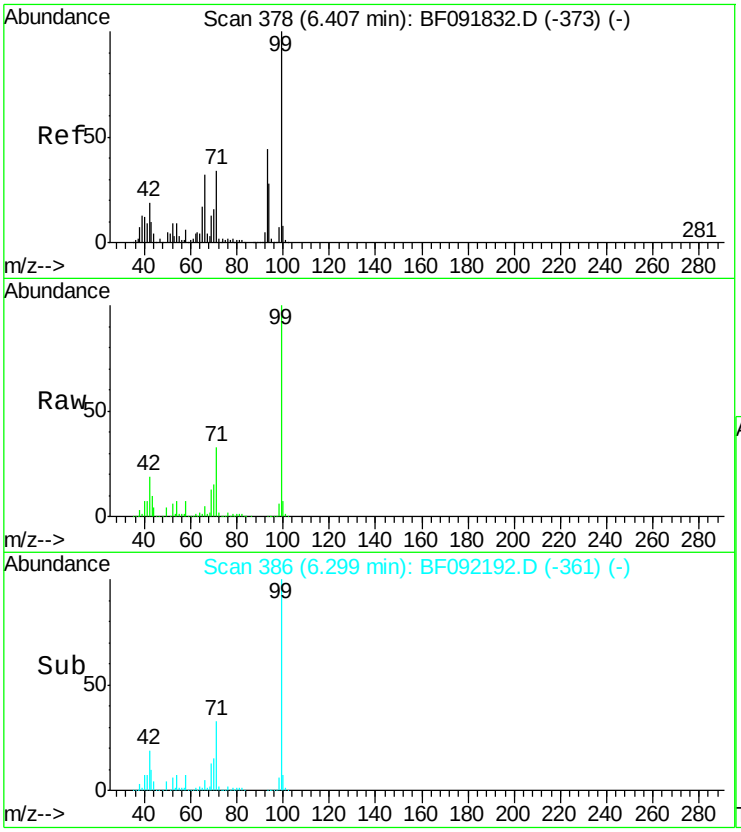


#5
2-Fluorophenol
Concen: 86.59 ng
RT: 5.24 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF092192.D
Acq: 10 Jan 2017 19:54

Tgt Ion:112 Resp: 1380415

Ion	Ratio	Lower	Upper
112	100		
64	65.1	46.1	69.1
63	32.7	23.8	35.6



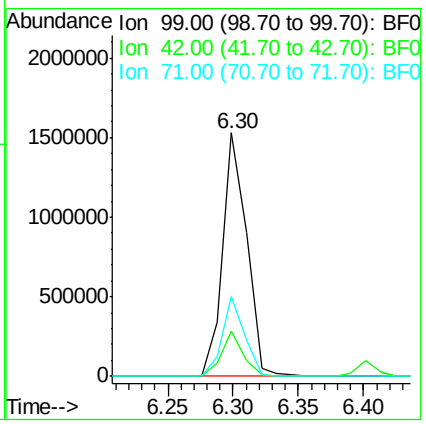


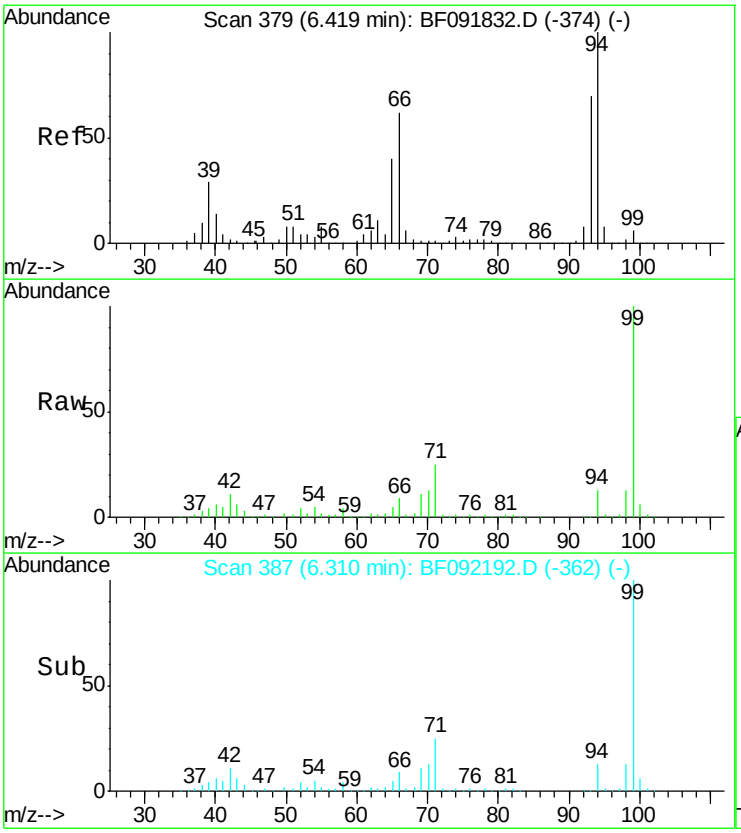
#7
Phenol-d6
Concen: 100.61 ng
RT: 6.30 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF092192.D
Acq: 10 Jan 2017 19:54

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-0-2-COMP

Tgt Ion: 99 Resp: 1958240

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.6	23.4
71	33.0	27.5	41.3

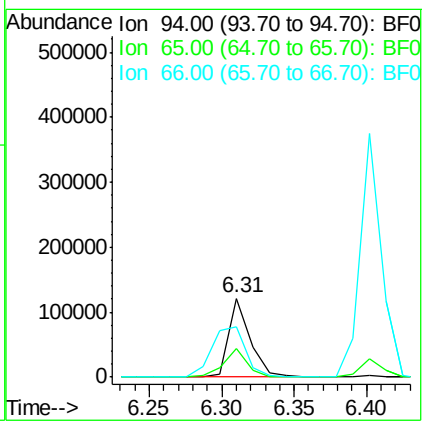


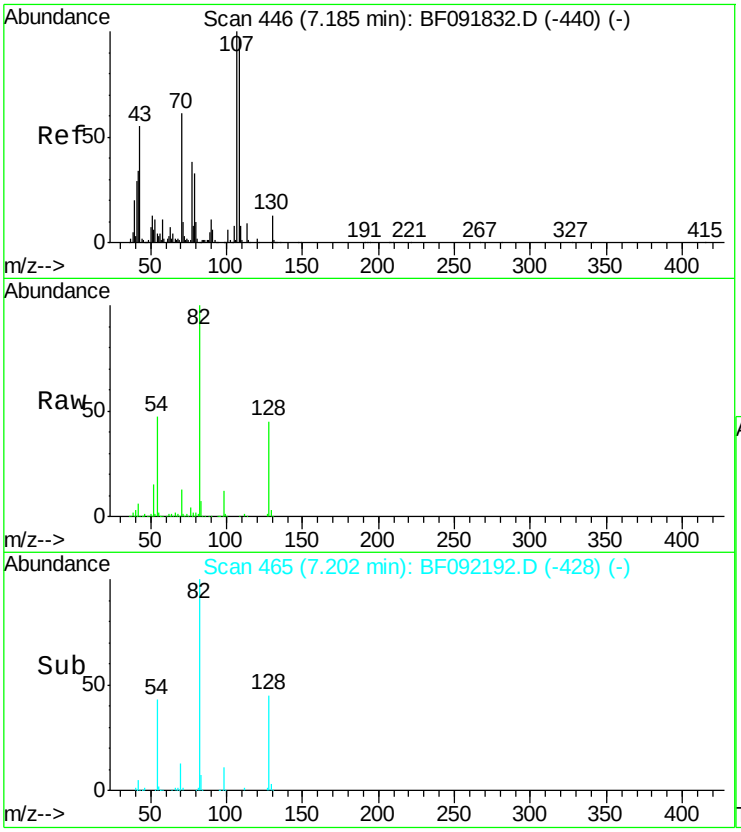


#10
Phenol
Concen: 5.60 ng
RT: 6.31 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF092192.D
Acq: 10 Jan 2017 19:54

Tgt Ion: 94 Resp: 124259

Ion	Ratio	Lower	Upper
94	100		
65	36.3	21.4	61.4
66	64.3	44.0	84.0



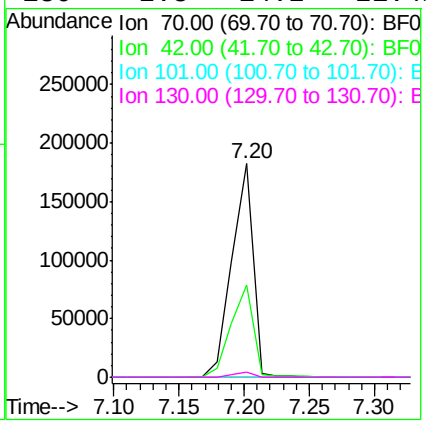


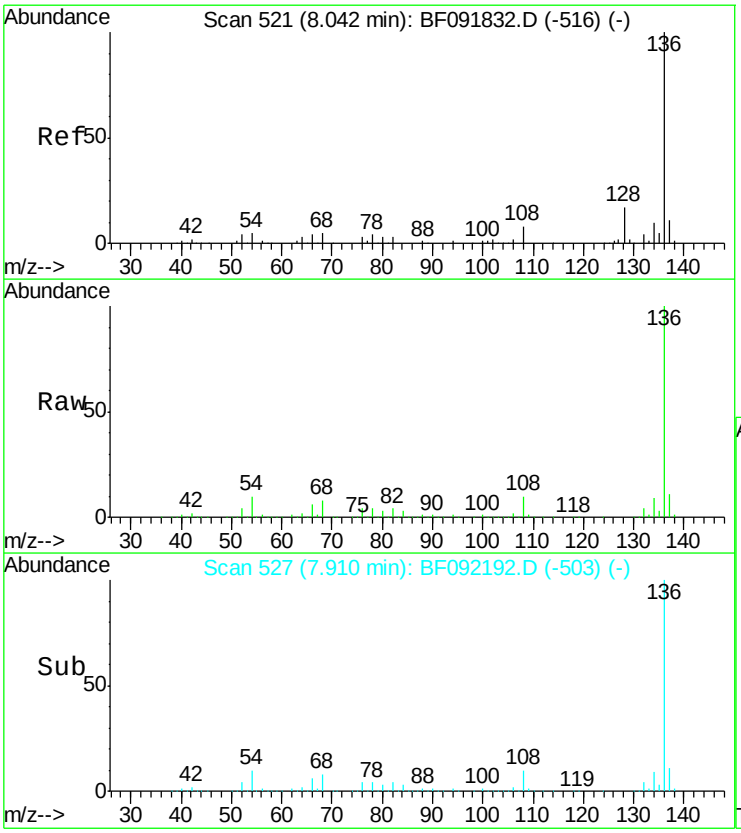
#19
n-Nitroso-di-n-propylamine
Concen: 15.91 ng
RT: 7.20 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF092192.D
Acq: 10 Jan 2017 19:54

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-0-2-COMP

Tgt Ion: 70 Resp: 206077

Ion	Ratio	Lower	Upper
70	100		
42	43.4	49.4	74.0#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#

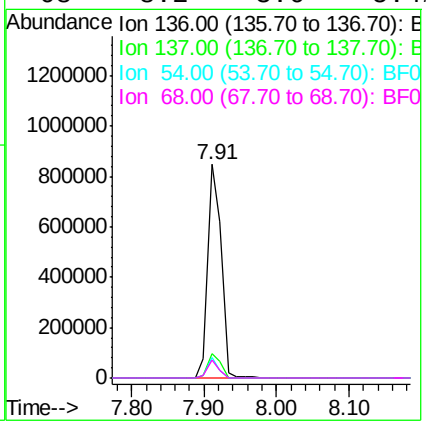


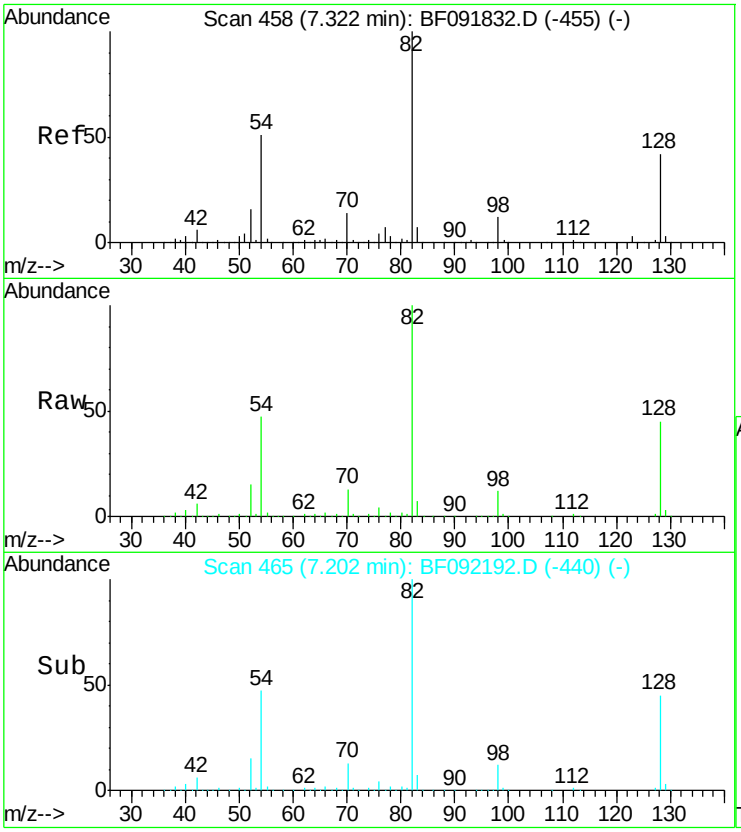


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF092192.D
Acq: 10 Jan 2017 19:54

Tgt Ion:136 Resp: 1086072

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	9.6	4.5	6.7#
68	8.2	3.6	5.4#



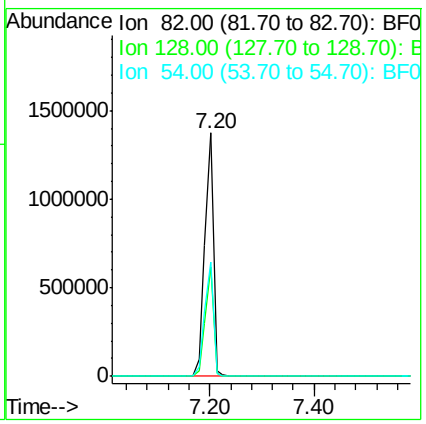


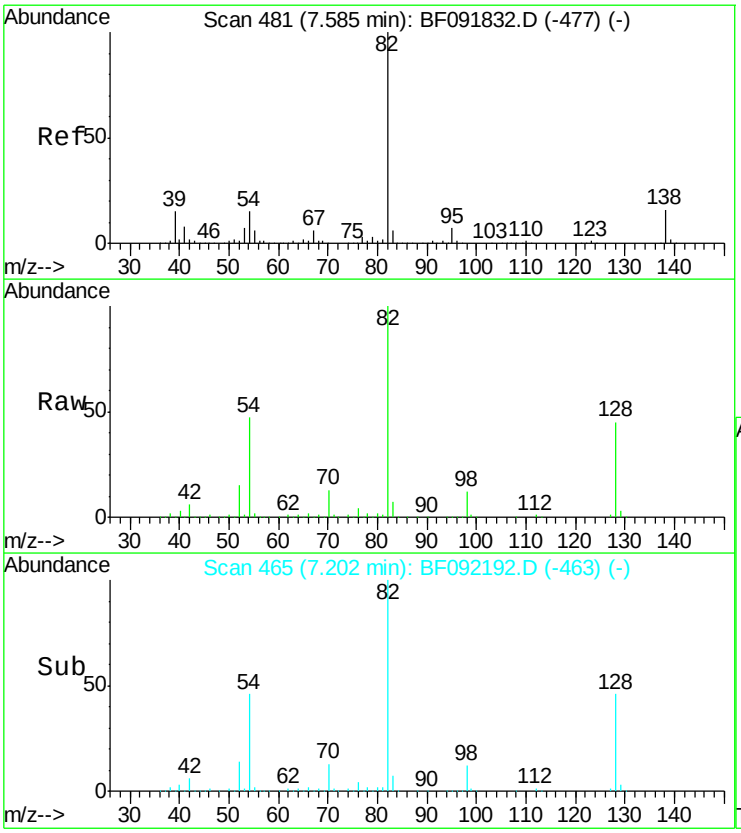
#23
Nitrobenzene-d5
Concen: 79.80 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092192.D
Acq: 10 Jan 2017 19:54

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-0-2-COMP

Tgt Ion: 82 Resp: 1558644

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	52.0
54	46.8	39.5	59.3

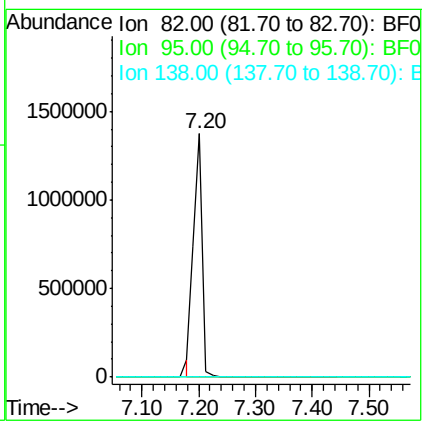


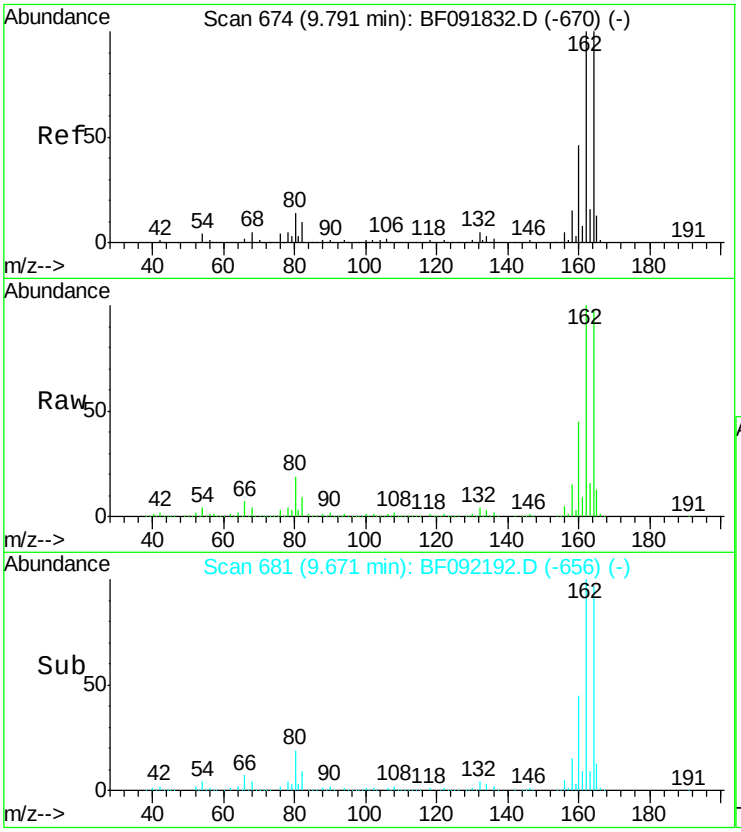


#25
Isophorone
Concen: 41.40 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.27 min
Lab File: BF092192.D
Acq: 10 Jan 2017 19:54

Tgt Ion: 82 Resp: 1491803

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



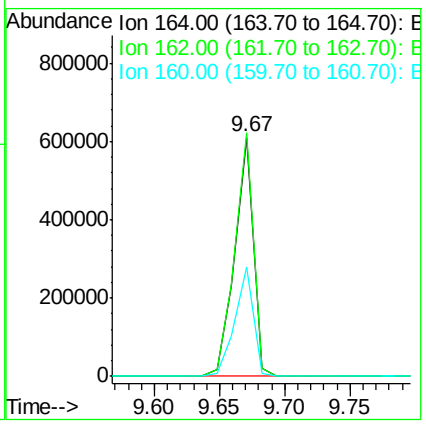


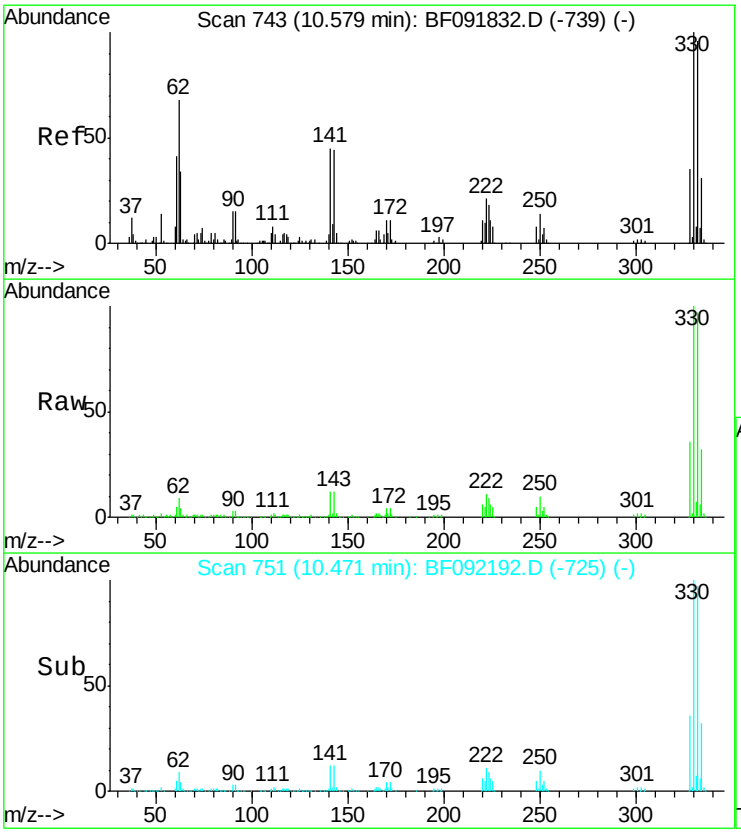
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092192.D
Acq: 10 Jan 2017 19:54

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-0-2-COMP

Tgt Ion:164 Resp: 604454

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.2
160	45.7	36.9	55.3

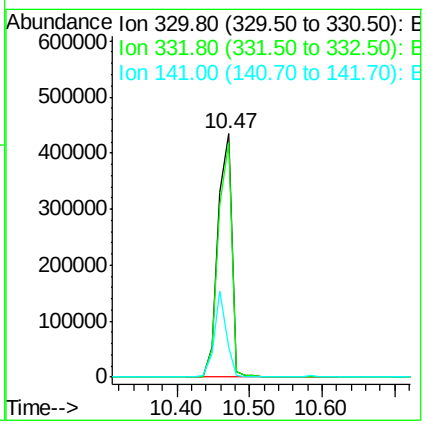


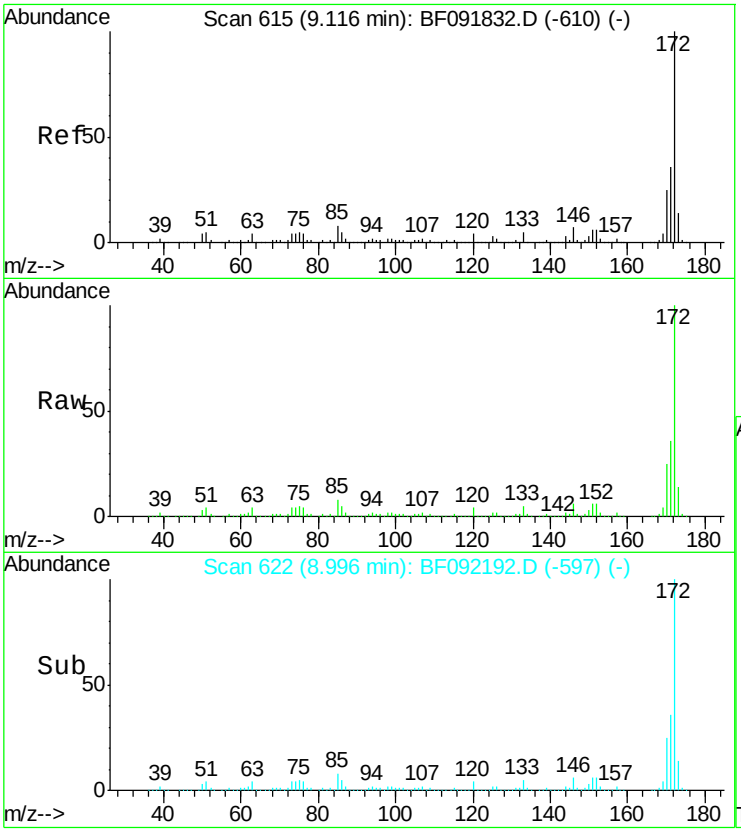


#41
2,4,6-Tribromophenol
Concen: 115.35 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF092192.D
Acq: 10 Jan 2017 19:54

Tgt Ion:330 Resp: 577024

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.4	116.2
141	30.3	34.1	51.1#



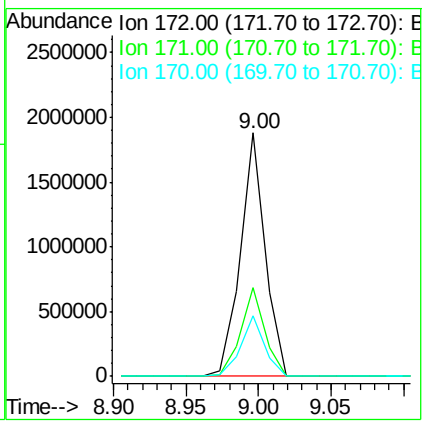


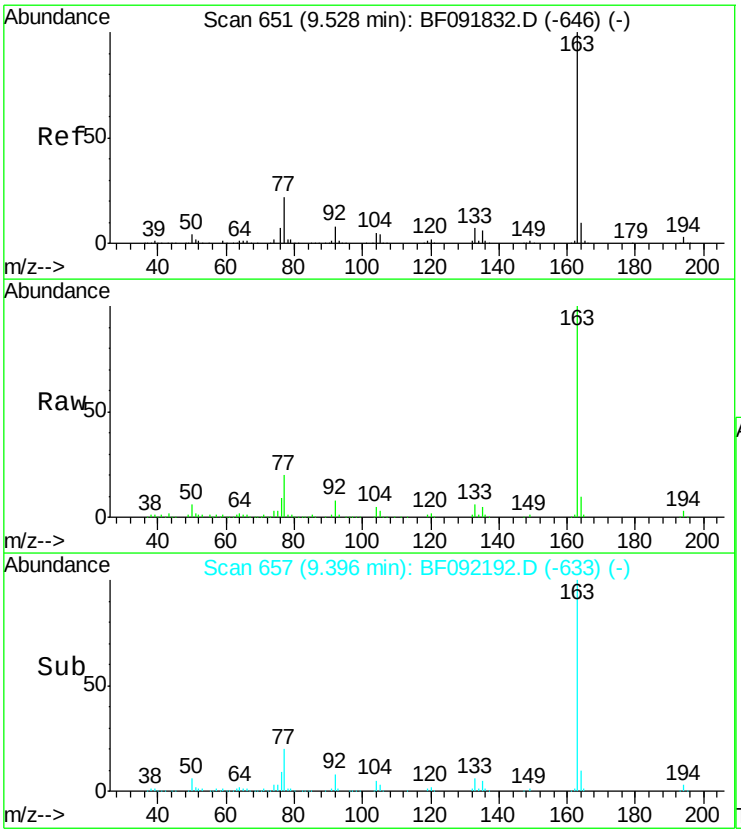
#44
2-Fluorobiphenyl
Concen: 73.46 ng
RT: 9.00 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF092192.D
Acq: 10 Jan 2017 19:54

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-0-2-COMP

Tgt Ion:172 Resp: 2218822

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	25.0	20.2	30.4

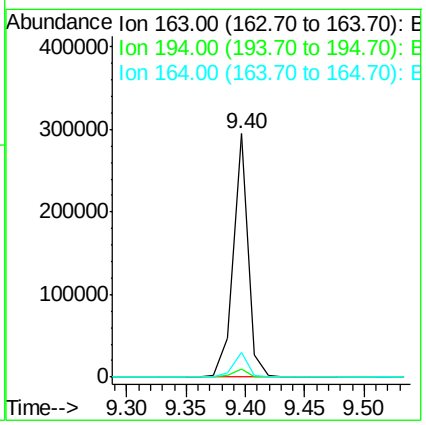


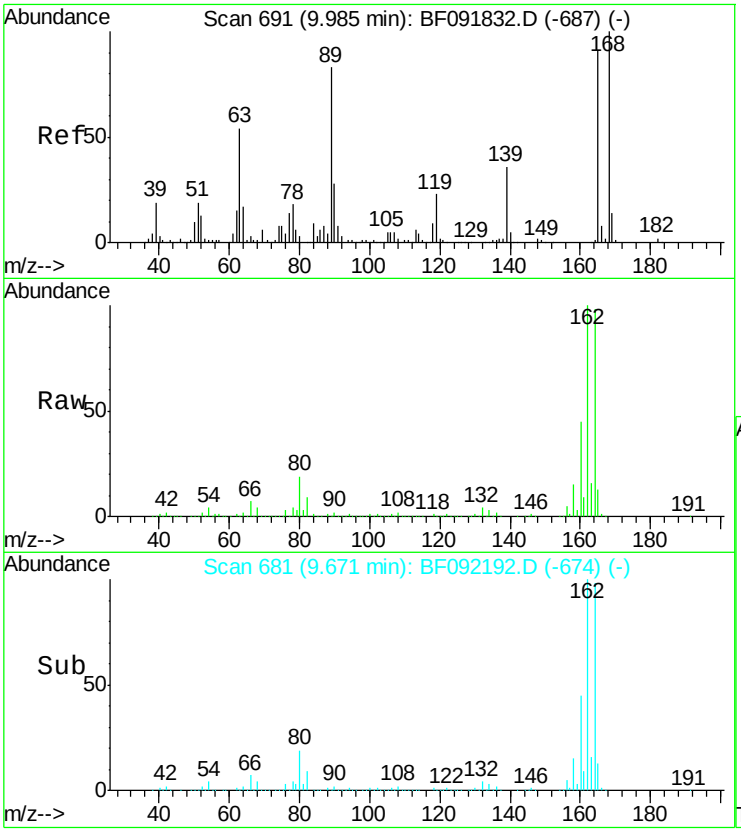


#49
Dimethylphthalate
Concen: 6.64 ng
RT: 9.40 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF092192.D
Acq: 10 Jan 2017 19:54

Tgt Ion:163 Resp: 256574

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.0	8.0	12.0



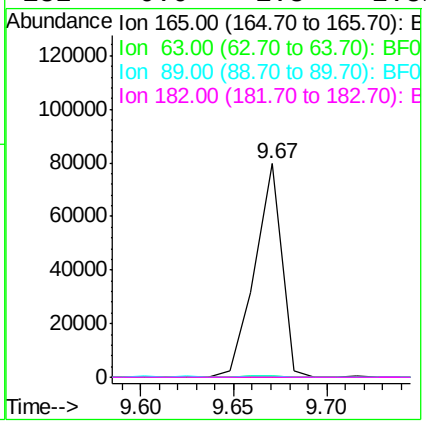


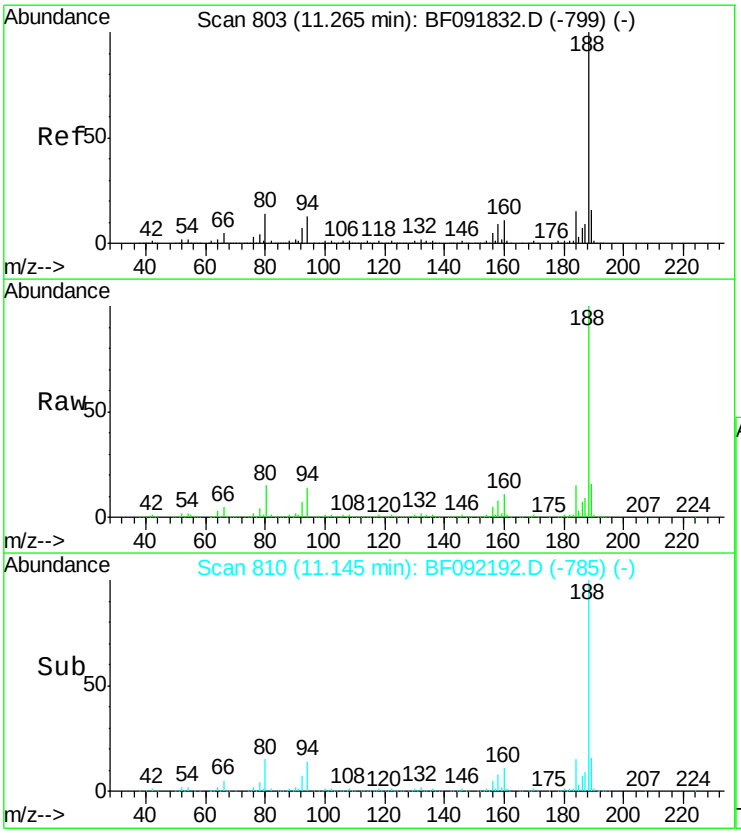
#56
2,4-Dinitrotoluene
Concen: 7.50 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.22 min
Lab File: BF092192.D
Acq: 10 Jan 2017 19:54

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-0-2-COMP

Tgt Ion:165 Resp: 79681

Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	0.8	62.5	93.7#
182	0.0	1.8	2.8#

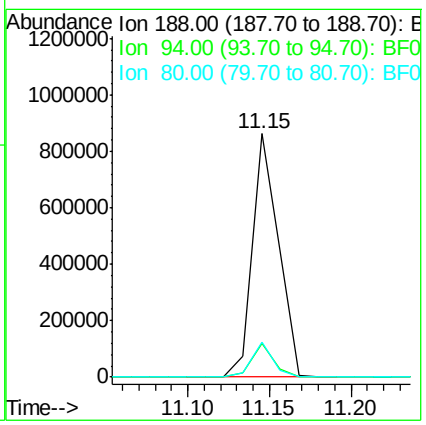


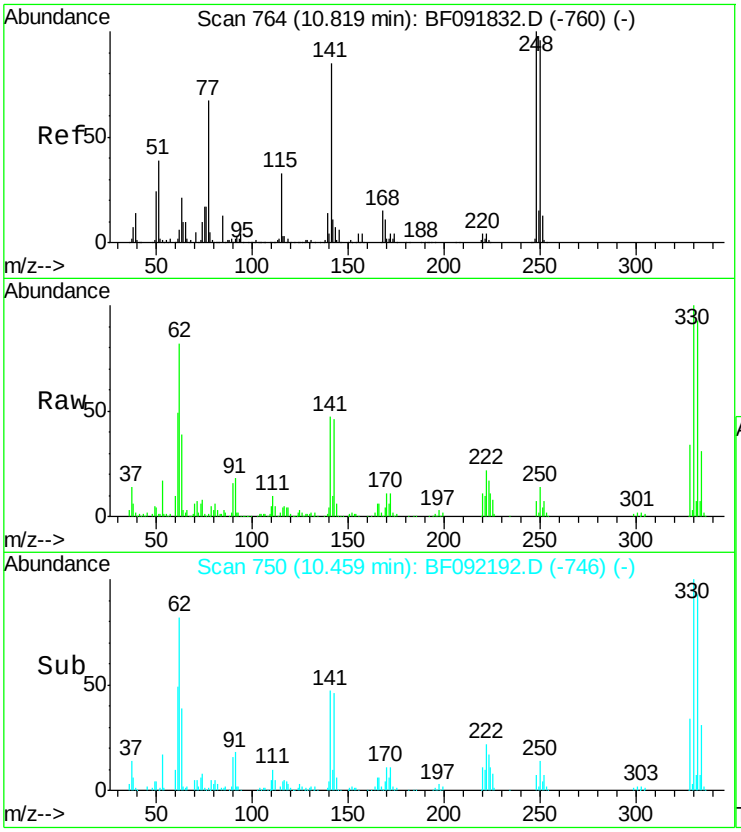


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF092192.D
Acq: 10 Jan 2017 19:54

Tgt Ion:188 Resp: 954946

Ion	Ratio	Lower	Upper
188	100		
94	13.6	10.0	15.0
80	14.6	11.2	16.8



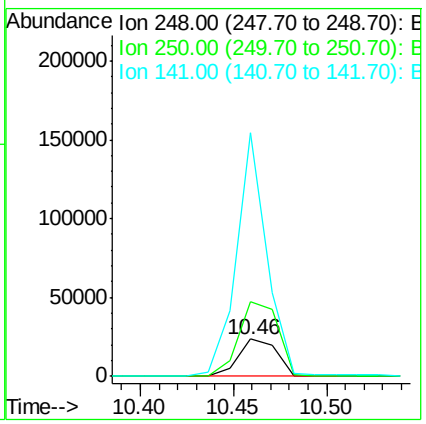


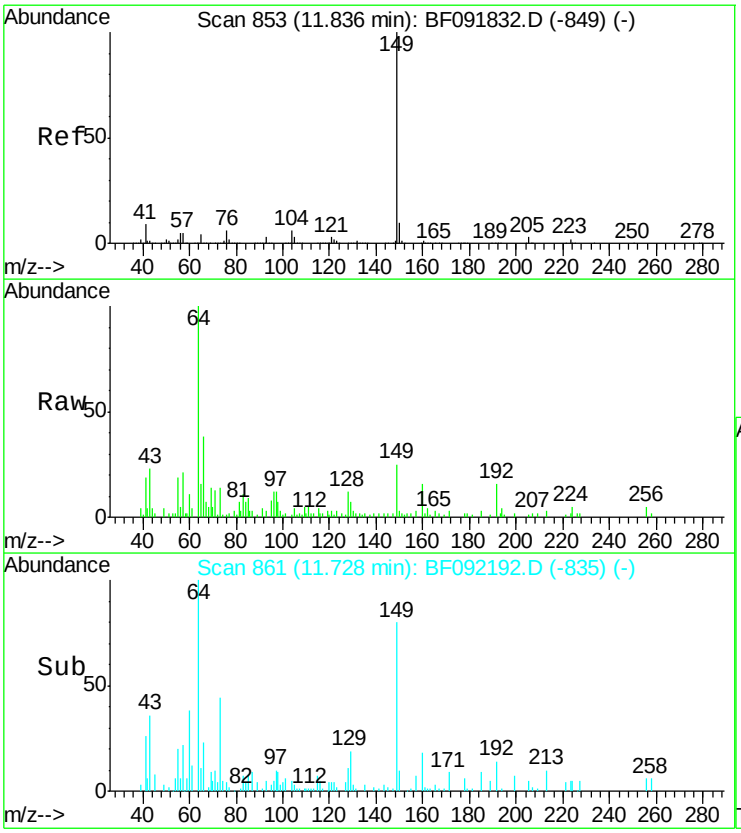
#66
4-Bromophenyl-phenylether
Concen: 3.40 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.25 min
Lab File: BF092192.D
Acq: 10 Jan 2017 19:54

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-0-2-COMP

Tgt Ion:248 Resp: 33782

Ion	Ratio	Lower	Upper
248	100		
250	198.8	76.9	115.3#
141	651.7	68.2	102.4#

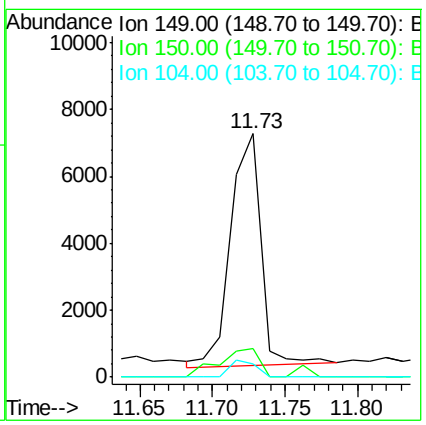


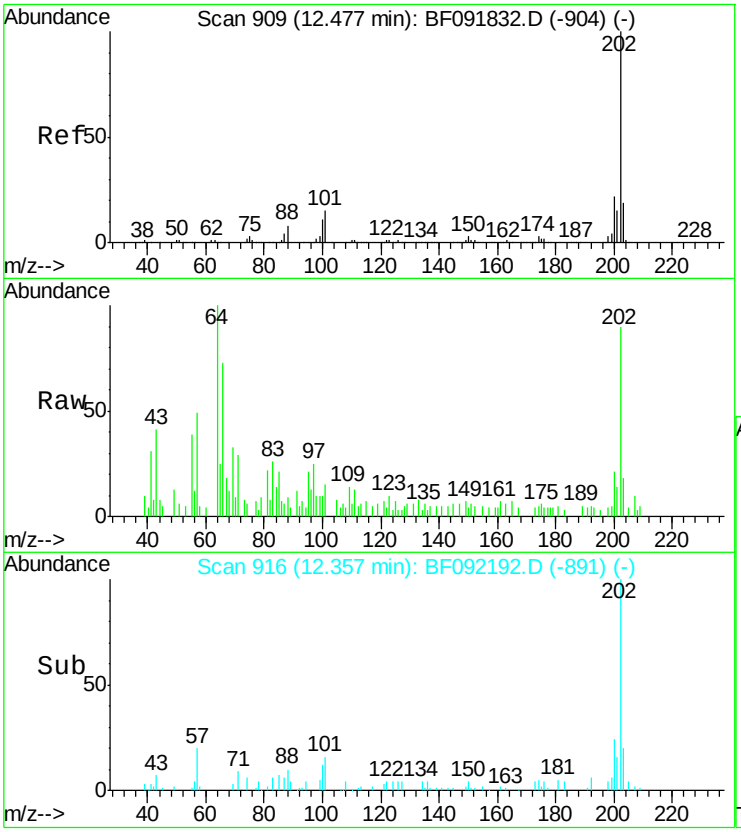


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF092192.D
Acq: 10 Jan 2017 19:54

Tgt Ion:149 Resp: 10096

Ion	Ratio	Lower	Upper
149	100		
150	11.7	8.1	12.1
104	5.5	4.6	7.0



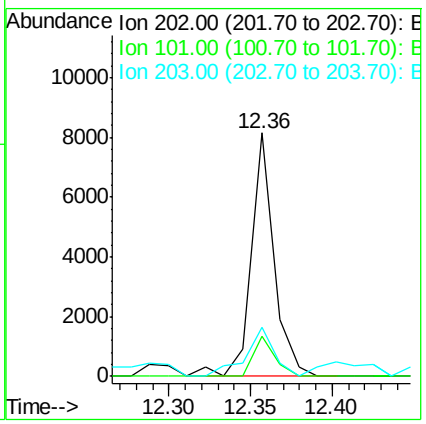


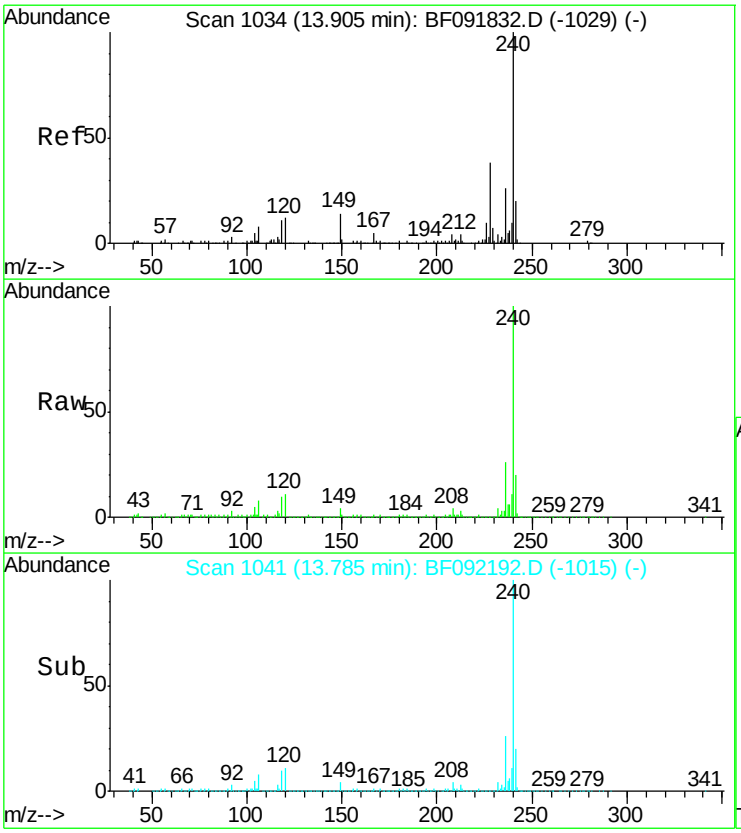
#74
Fluoranthene
Concen: Below Cal
RT: 12.36 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF092192.D
Acq: 10 Jan 2017 19:54

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-0-2-COMP

Tgt Ion:202 Resp: 7962

Ion	Ratio	Lower	Upper
202	100		
101	16.2	0.0	34.6
203	20.3	0.0	38.7

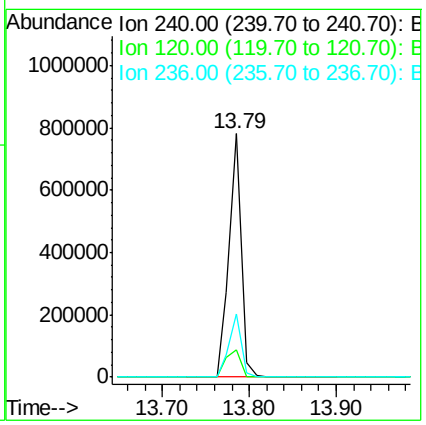


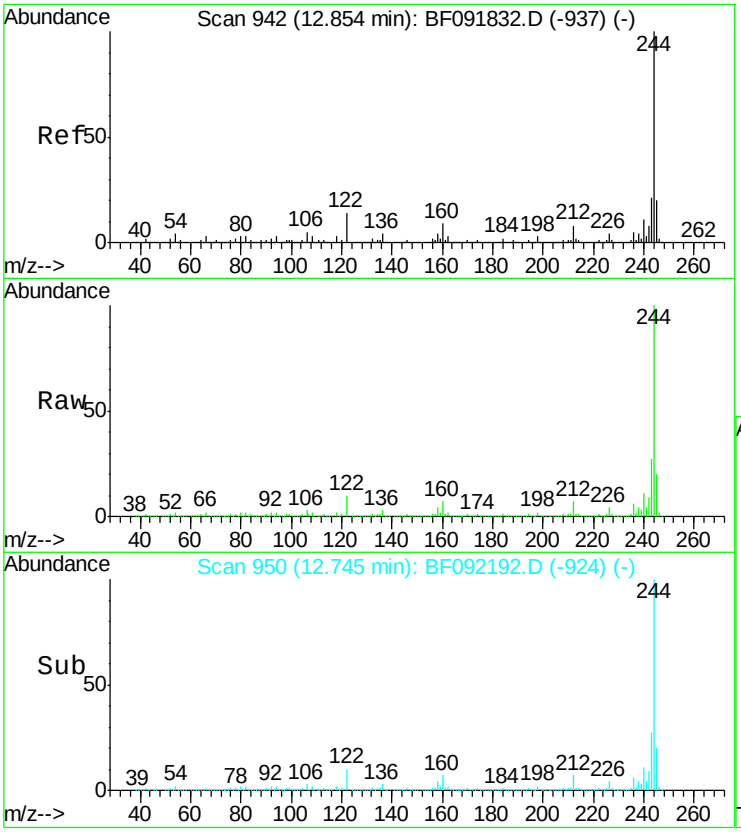


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF092192.D
Acq: 10 Jan 2017 19:54

Tgt Ion:240 Resp: 769471

Ion	Ratio	Lower	Upper
240	100		
120	11.4	12.9	19.3#
236	25.9	20.9	31.3



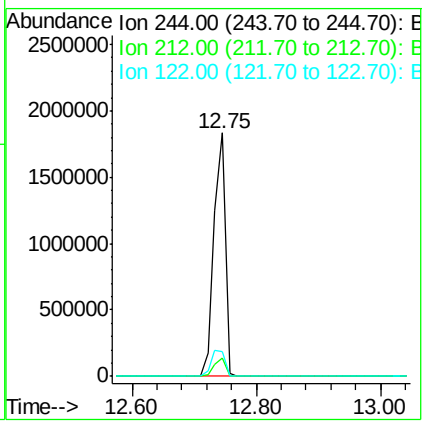


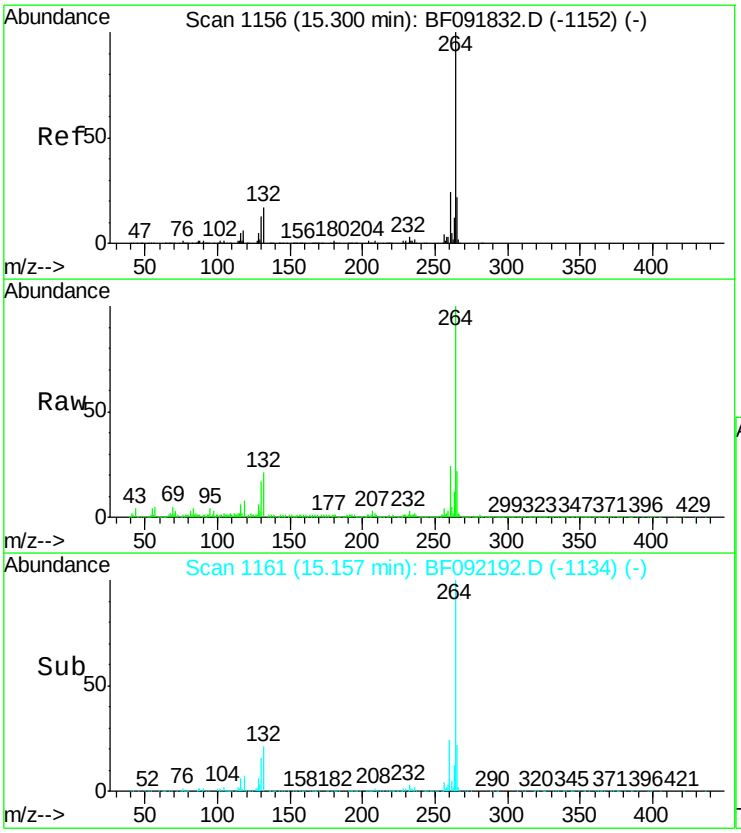
#78
Terphenyl-d14
Concen: 71.35 ng
RT: 12.75 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF092192.D
Acq: 10 Jan 2017 19:54

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-0-2-COMP

Tgt Ion:244 Resp: 2263740

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	10.3	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF092192.D
Acq: 10 Jan 2017 19:54

Tgt Ion:264 Resp: 558236

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.3	17.4	26.0