Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091644.D
Acq On : 15 Dec 2016 22:32
Operator : UM/SJ
Sample : H5940-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS07-1FT

Quant Time: Dec 16 00:15:53 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	276796	20.00	ng		-0.03
21) Naphthalene-d8	8.06	136	957043	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	520902	20.00	ng		-0.03
63) Phenanthrene-d10	11.30	188	631208	20.00	ng		-0.03
75) Chrysene-d12	13.94	240	529784	20.00	ng		-0.02
86) Perylene-d12	15.35	264	457285	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1759511	107.09	ng		-0.02
7) Phenol-d6	6.43	99	2106788	102.86	ng		-0.02
23) Nitrobenzene-d5	7.36	82	1501851	87.58	ng		-0.02
41) 2,4,6-Tribromophenol	10.61	330	429327	99.23	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	1924372	63.83	ng		-0.03
78) Terphenyl-d14	12.89	244	1221806	52.33	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	46988	3.33	ng		86
10) Phenol	6.44	94	58054	2.42	ng		81
15) Benzyl Alcohol	6.91	79	33263	2.06	ng	#	56
19) n-Nitroso-di-n-propylamine	7.36	70	197440	15.42	ng	#	57
25) Isophorone	7.36	82	1373678	45.06	ng	#	67
49) Dimethylphthalate	9.55	163	833198	25.26	ng		100
56) 2,4-Dinitrotoluene	9.82	165	68596	7.56	ng	#	33
57) Fluorene	10.37	166	1223	Below Cal		#	89
64) 4,6-Dinitro-2-methylphenol	10.61	198	1096	3.21	ng	#	6
66) 4-Bromophenyl-phenylether	10.61	248	29229	4.52	ng	#	1

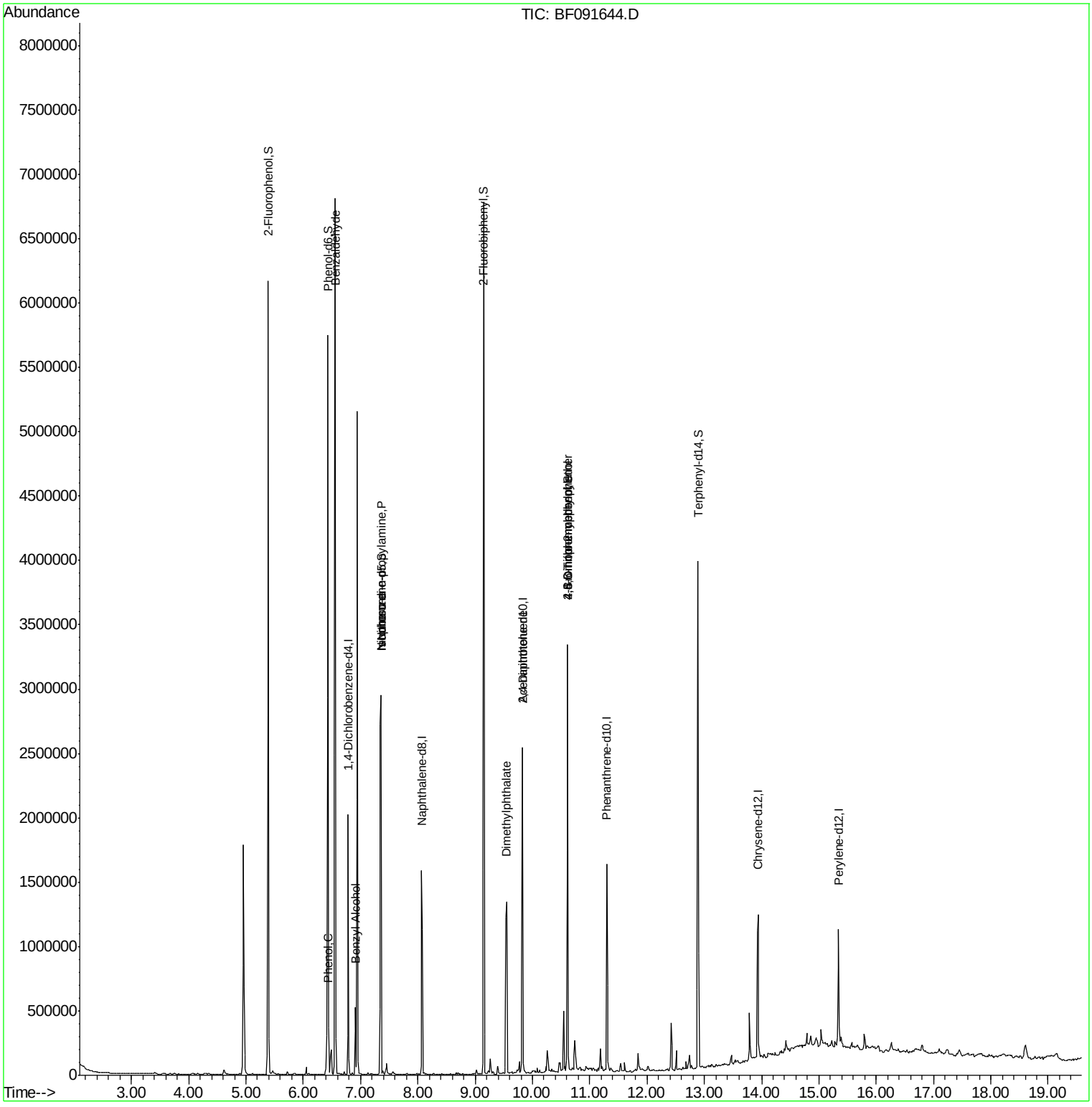
(#) = qualifier out of range (m) = manual integration (+) = signals summed

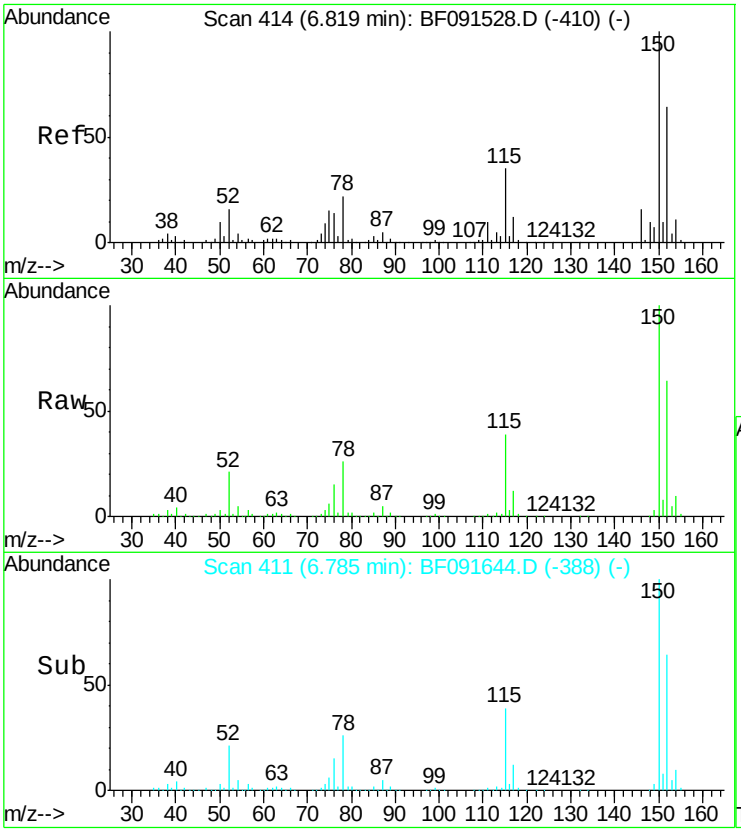
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091644.D
Acq On : 15 Dec 2016 22:32
Operator : UM/SJ
Sample : H5940-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS07-1FT

Quant Time: Dec 16 00:15:53 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration



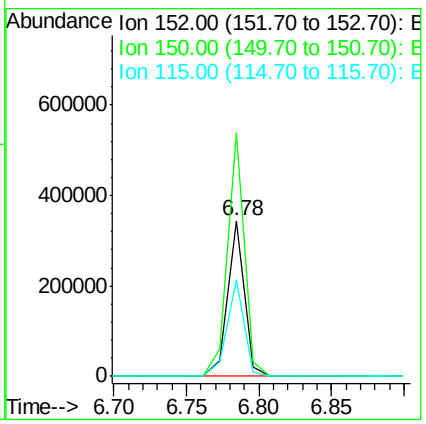


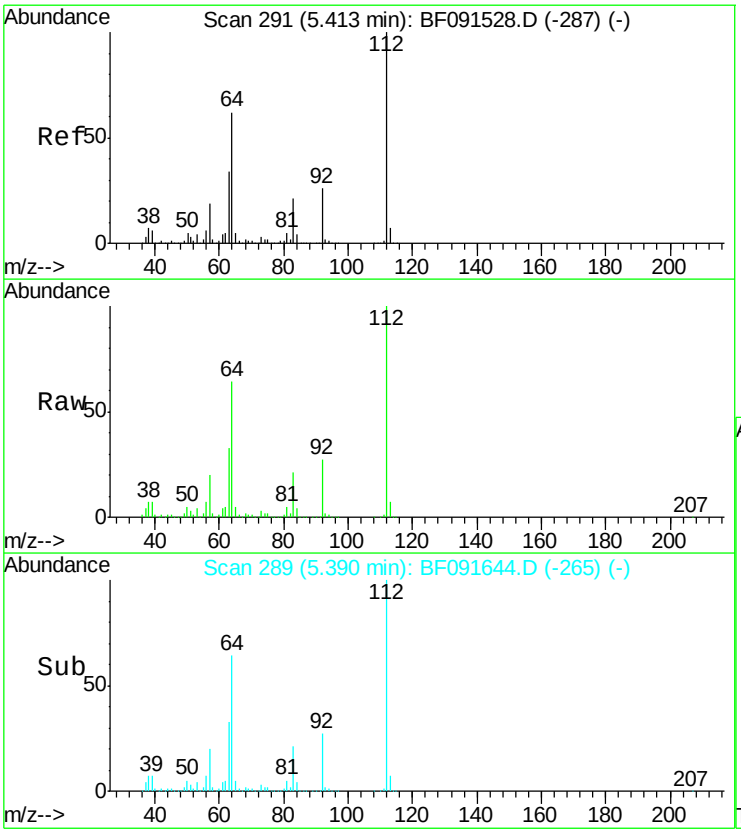
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.03 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Instrument :
BNA_F
ClientSampleId :
SS07-1FT

Tgt Ion:152 Resp: 276796

Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.5	183.7
115	61.7	51.8	77.8

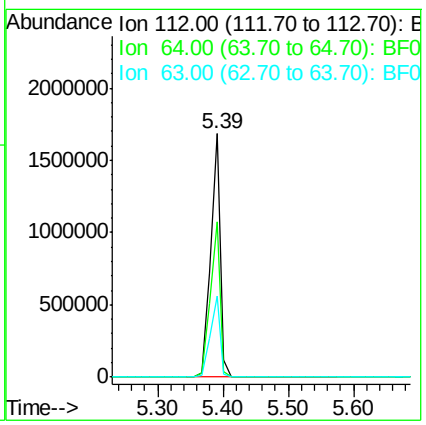


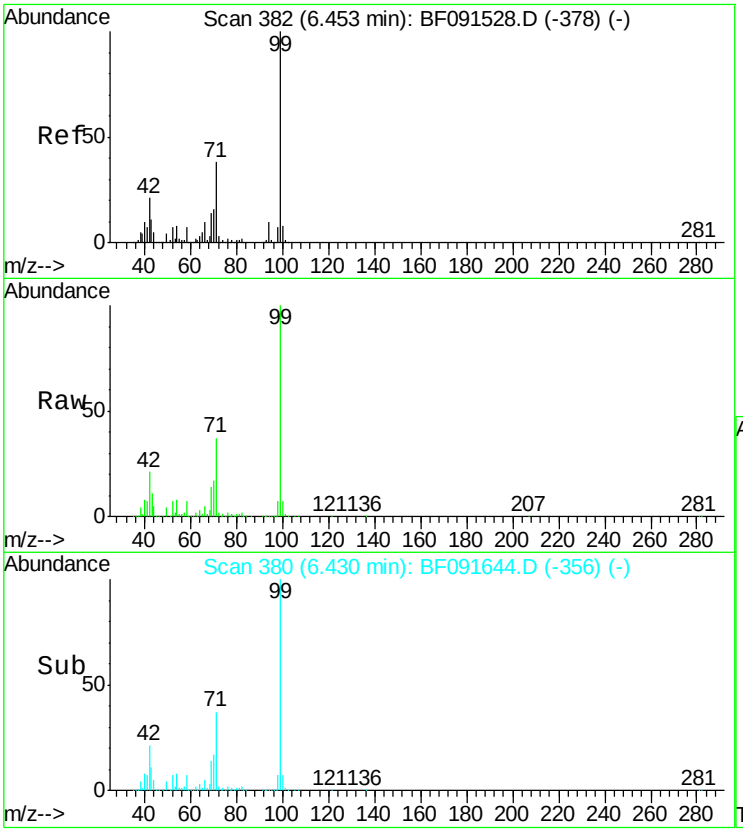


#5
2-Fluorophenol
Concen: 107.09 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Tgt Ion:112 Resp: 1759511

Ion	Ratio	Lower	Upper
112	100		
64	63.7	61.5	92.3
63	33.4	33.3	49.9



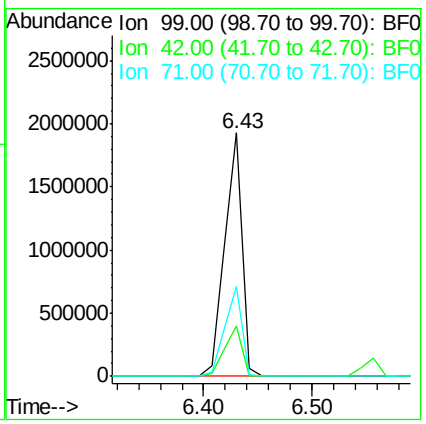


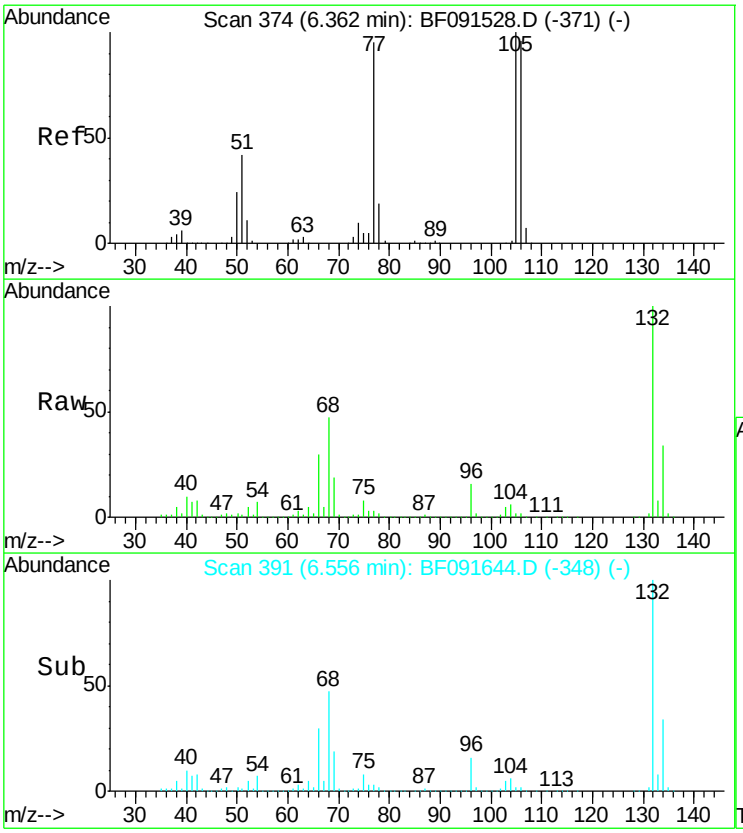
#7
Phenol-d6
Concen: 102.86 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.02 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Instrument :
BNA_F
ClientSampleId :
SS07-1FT

Tgt Ion: 99 Resp: 2106788

Ion	Ratio	Lower	Upper
99	100		
42	20.8	20.6	31.0
71	37.0	29.9	44.9

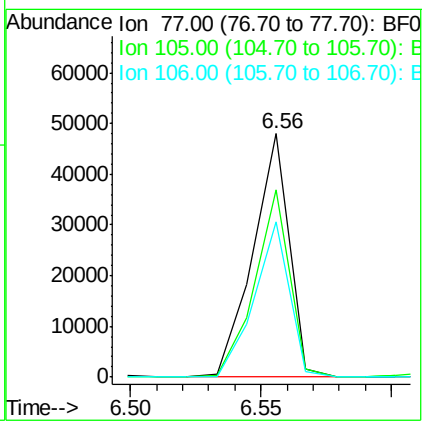


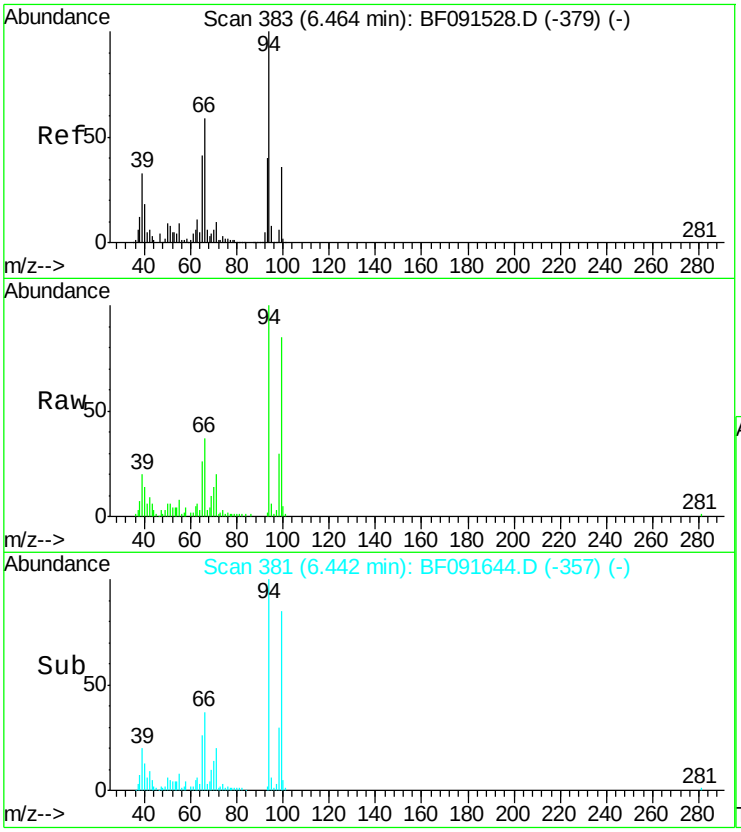


#9
Benzaldehyde
Concen: 3.33 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.19 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Tgt Ion: 77 Resp: 46988

Ion	Ratio	Lower	Upper
77	100		
105	77.0	66.4	106.4
106	63.9	60.9	100.9



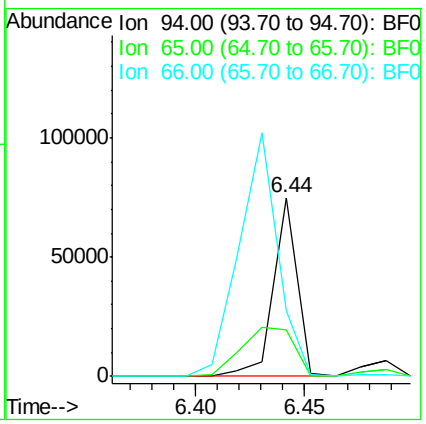


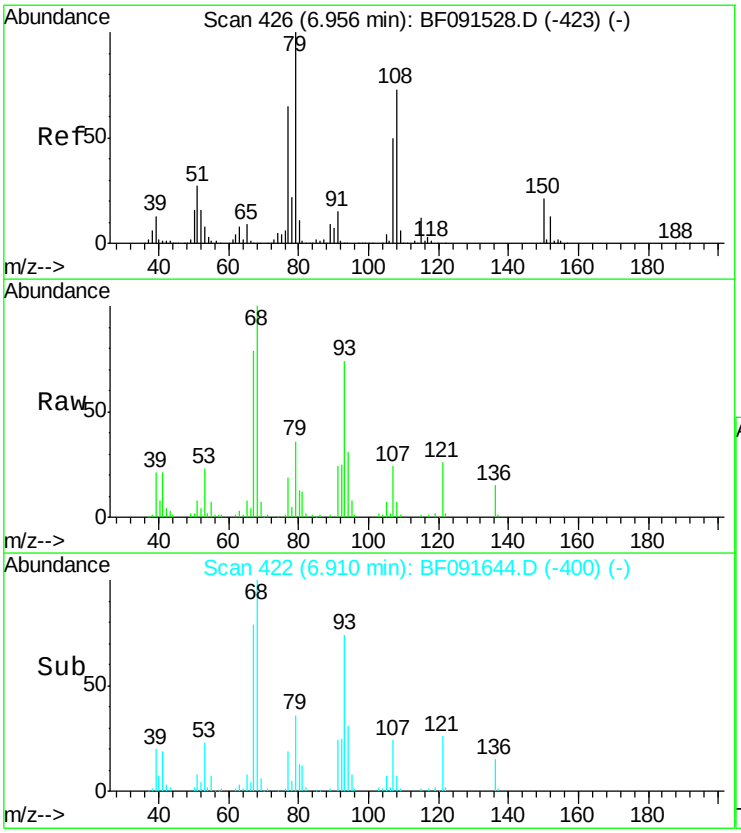
#10
Phenol
Concen: 2.42 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.02 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Instrument :
BNA_F
ClientSampleId :
SS07-1FT

Tgt Ion: 94 Resp: 58054

Ion	Ratio	Lower	Upper
94	100		
65	26.4	16.9	56.9
66	36.7	30.6	70.6

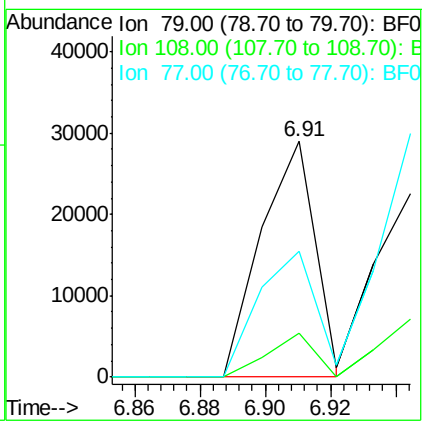


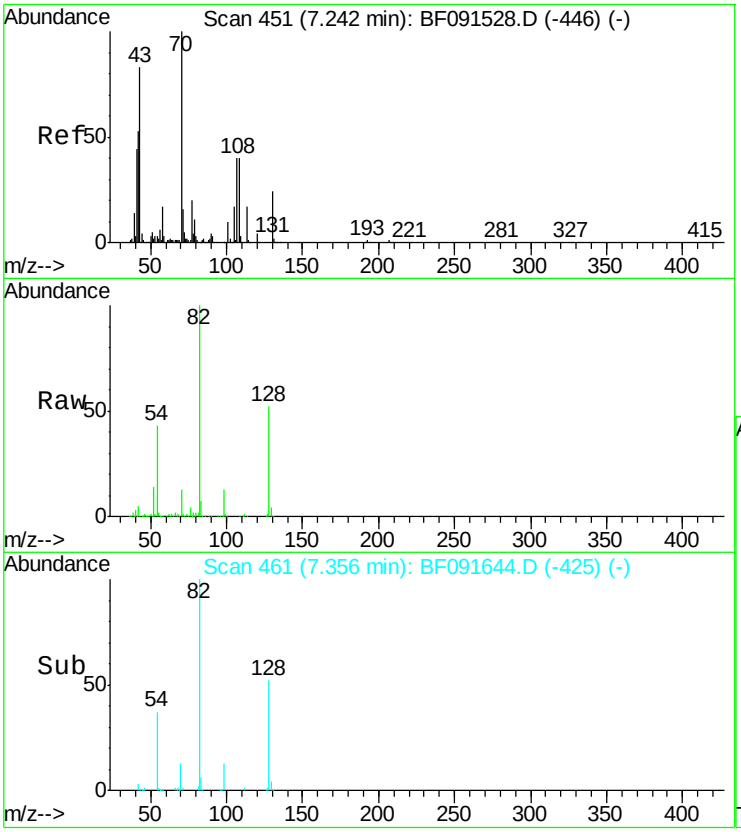


#15
Benzyl Alcohol
Concen: 2.06 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.05 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Tgt Ion: 79 Resp: 33263

Ion	Ratio	Lower	Upper
79	100		
108	18.4	62.7	94.1#
77	53.3	51.7	77.5



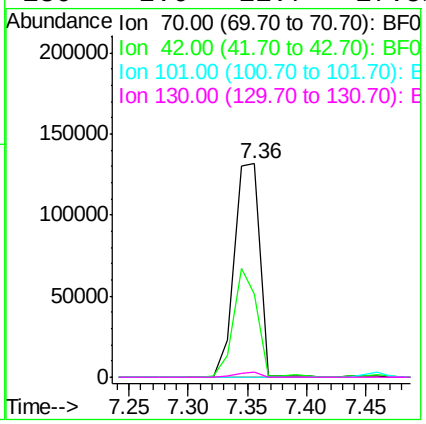


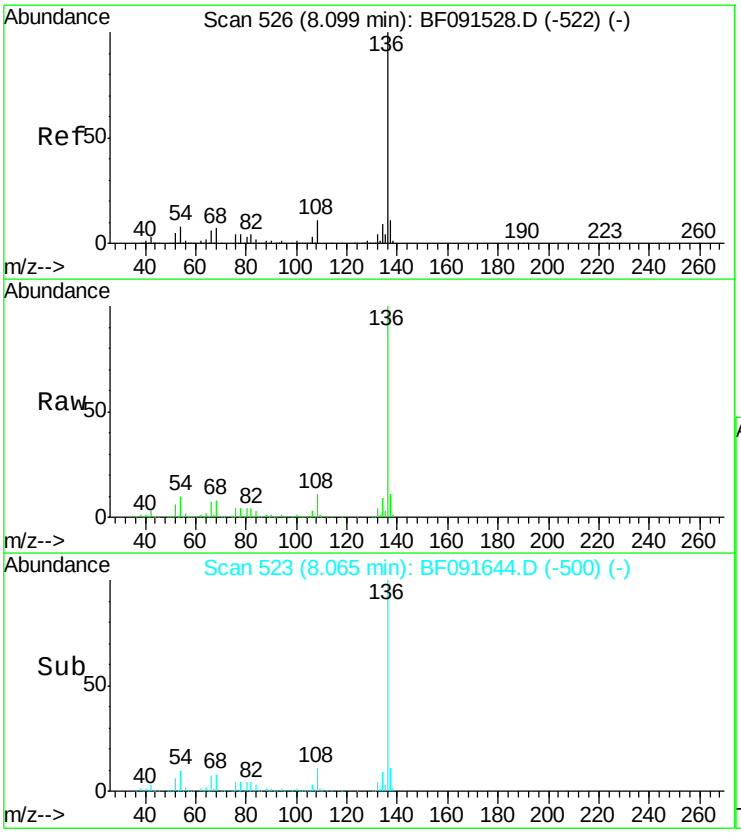
#19
n-Nitroso-di-n-propylamine
Concen: 15.42 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.11 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Instrument :
BNA_F
ClientSampleId :
SS07-1FT

Tgt Ion: 70 Resp: 197440

Ion	Ratio	Lower	Upper
70	100		
42	39.2	64.8	97.2#
101	0.0	6.2	9.4#
130	2.6	11.7	17.5#

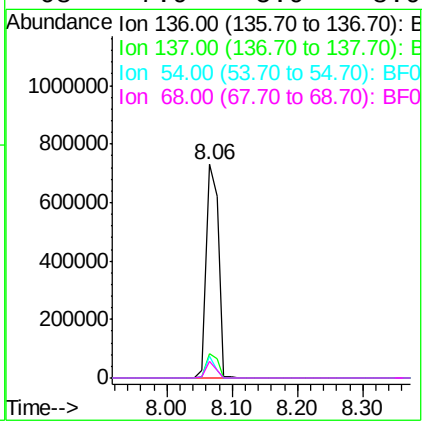


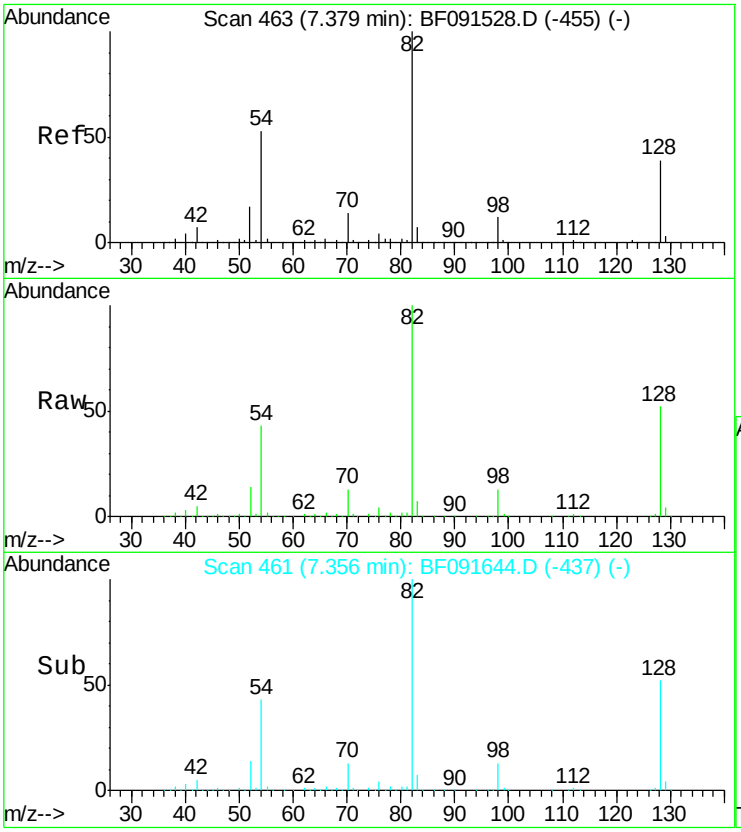


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.03 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Tgt Ion:136 Resp: 957043

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.4	9.1	13.7
68	7.9	5.9	8.9



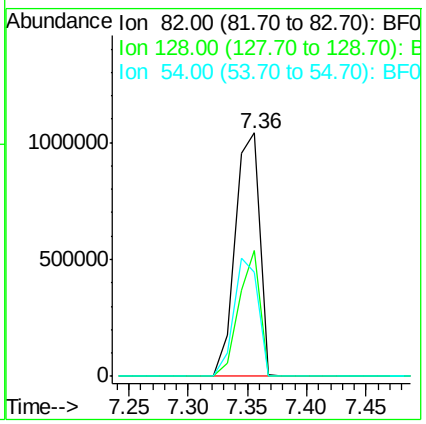


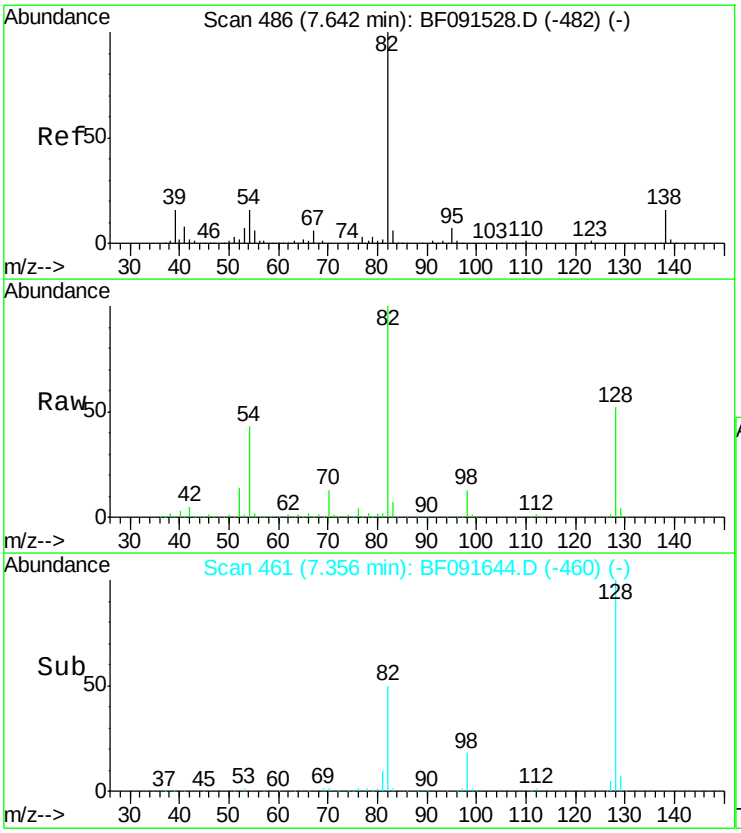
#23
Nitrobenzene-d5
Concen: 87.58 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Instrument :
BNA_F
ClientSampleId :
SS07-1FT

Tgt Ion: 82 Resp: 1501851

Ion	Ratio	Lower	Upper
82	100		
128	51.8	31.8	47.6#
54	42.9	49.1	73.7#

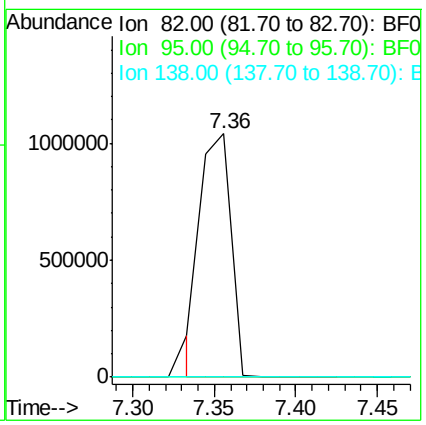


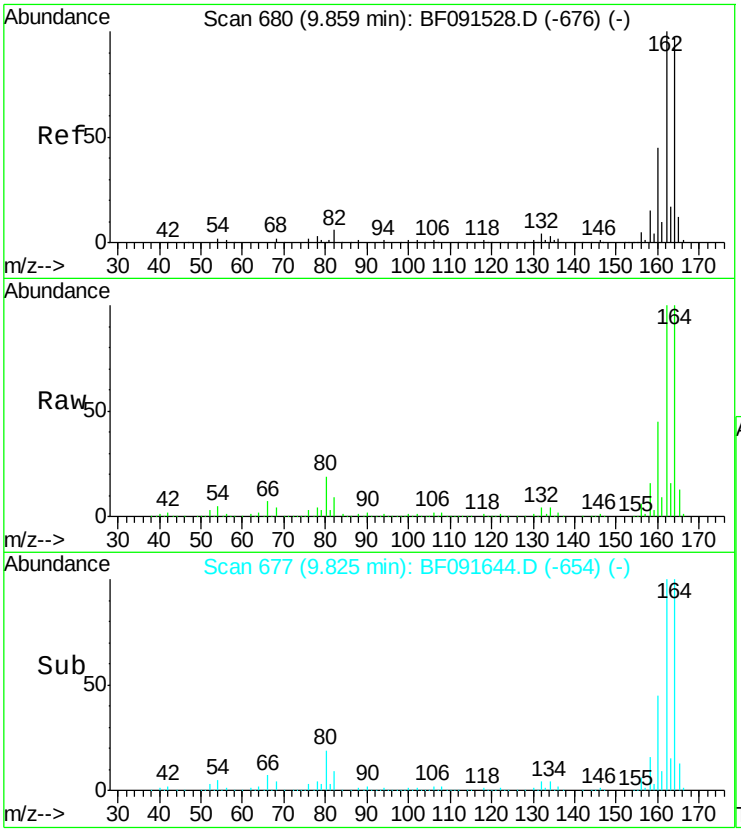


#25
Isophorone
Concen: 45.06 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.29 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Tgt Ion: 82 Resp: 1373678

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.4	20.0#



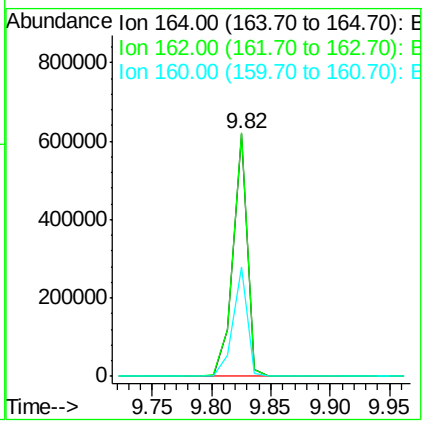


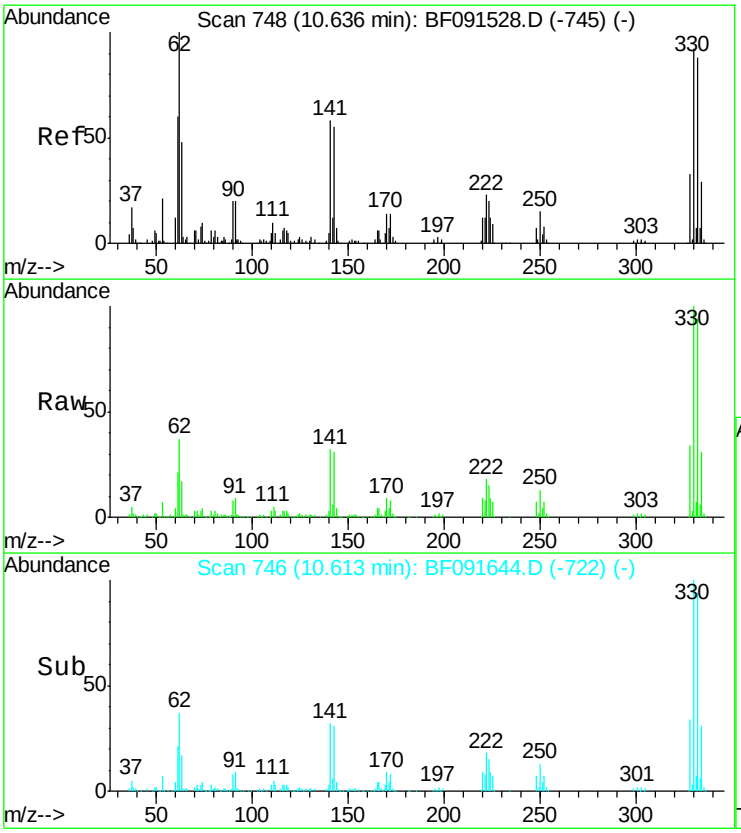
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Instrument :
BNA_F
ClientSampleId :
SS07-1FT

Tgt Ion:164 Resp: 520902

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.6	124.0
160	45.0	36.7	55.1

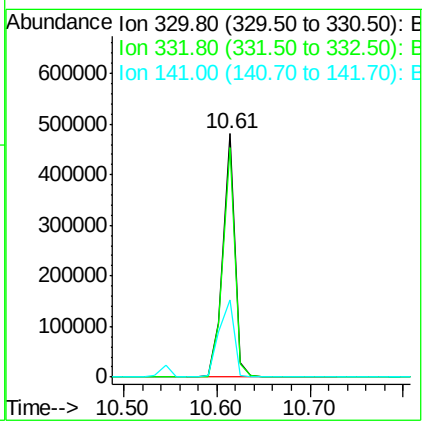


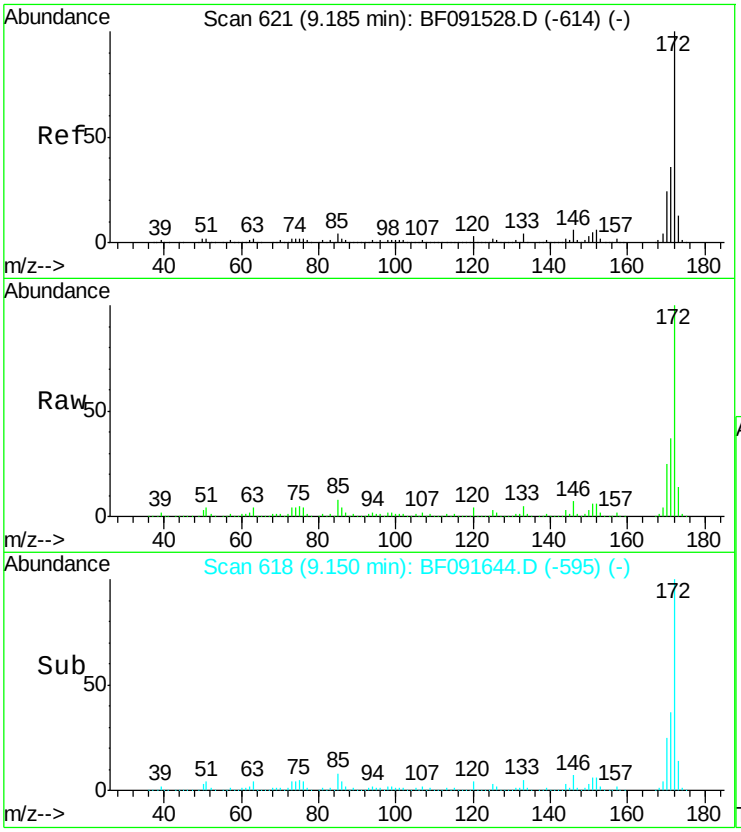


#41
2,4,6-Tribromophenol
Concen: 99.23 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Tgt Ion:330 Resp: 429327

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.2	114.4
141	39.9	33.6	50.4



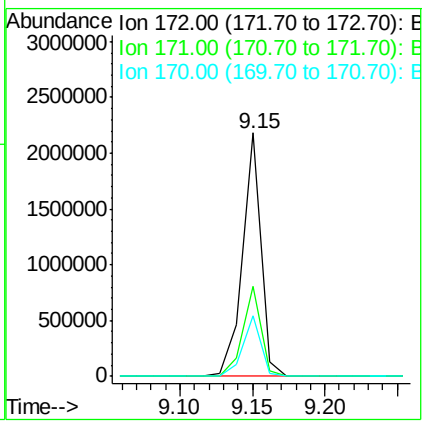


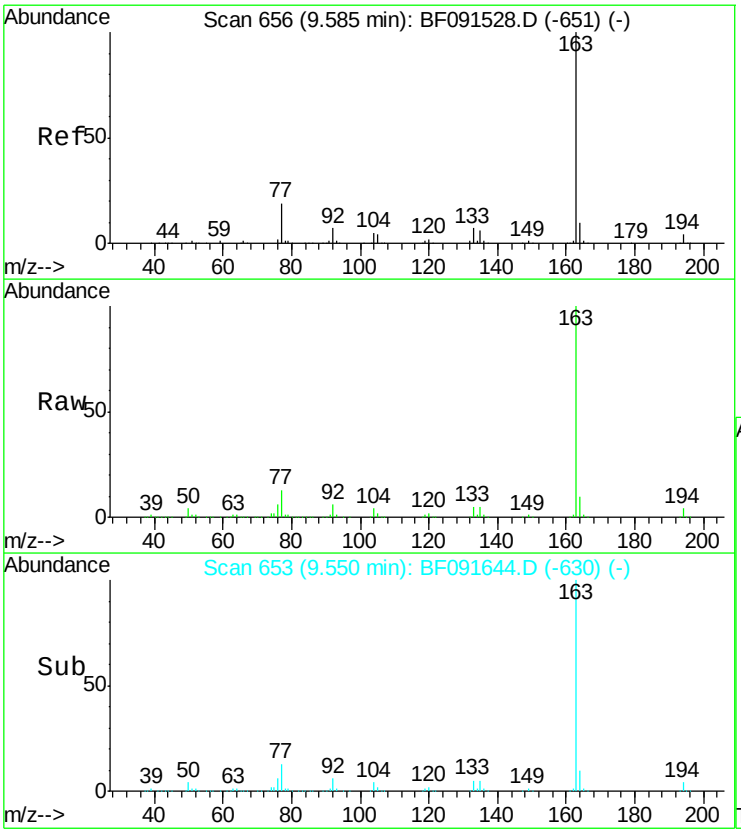
#44
2-Fluorobiphenyl
Concen: 63.83 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.03 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Instrument :
BNA_F
ClientSampleId :
SS07-1FT

Tgt Ion:172 Resp: 1924372

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	25.0	19.7	29.5

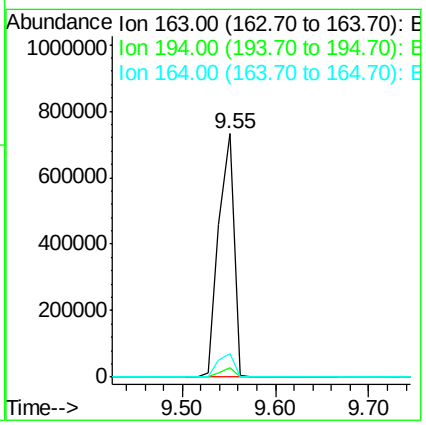


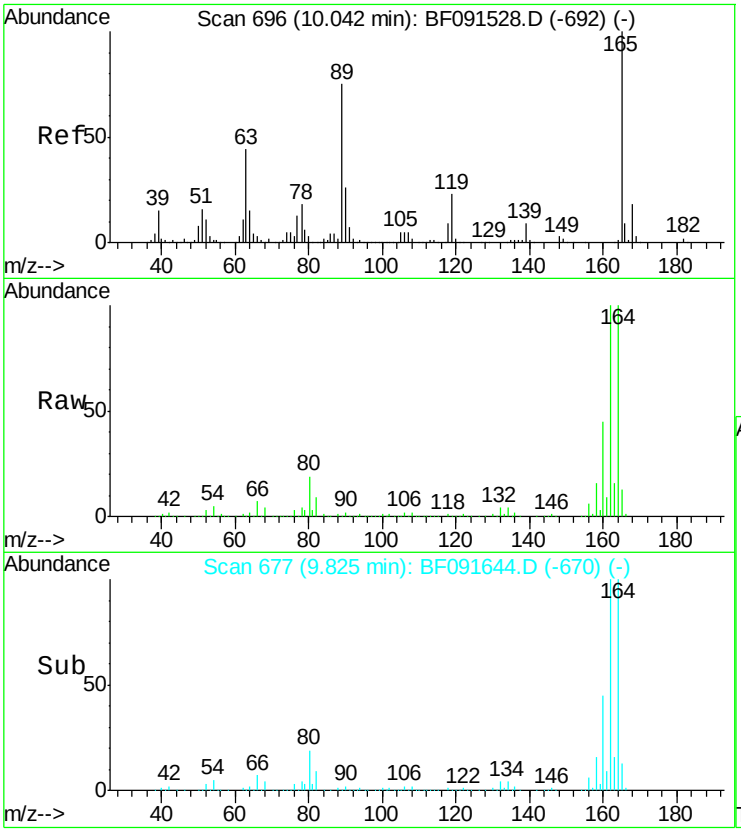


#49
Dimethylphthalate
Concen: 25.26 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.03 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Tgt Ion:163 Resp: 833198

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.7	7.8	11.8



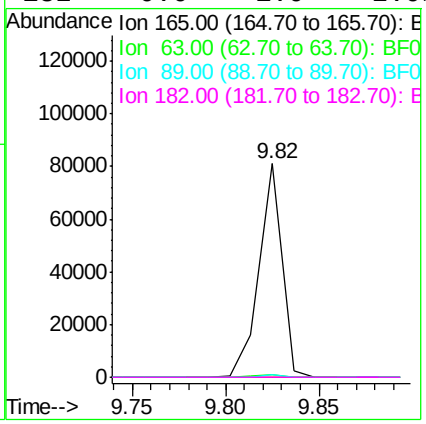


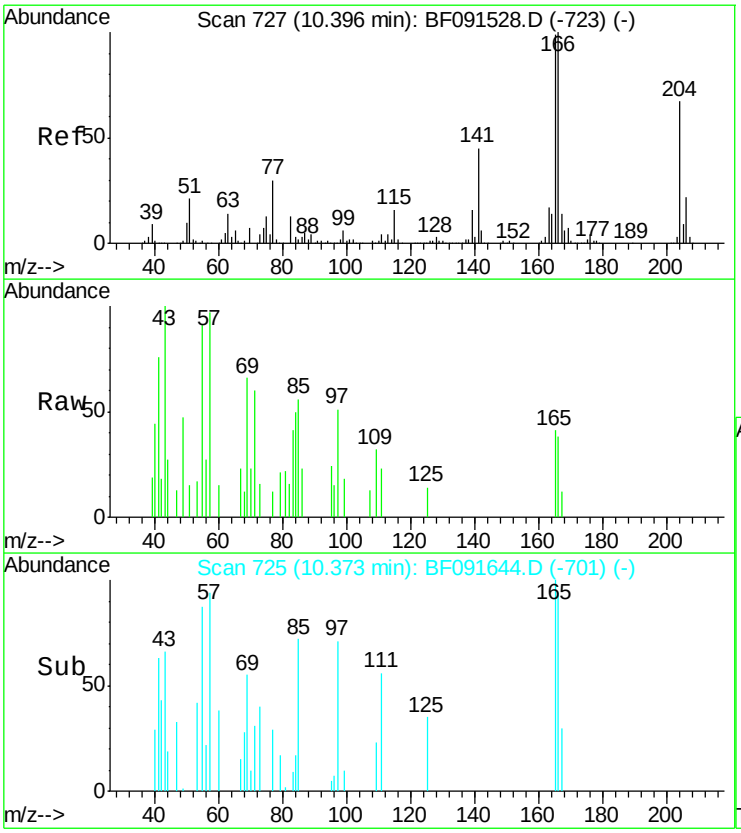
#56
2,4-Dinitrotoluene
Concen: 7.56 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.22 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Instrument :
BNA_F
ClientSampleId :
SS07-1FT

Tgt Ion:165 Resp: 68596

Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.0	43.4#
89	0.9	43.1	64.7#
182	0.0	1.9	2.9#

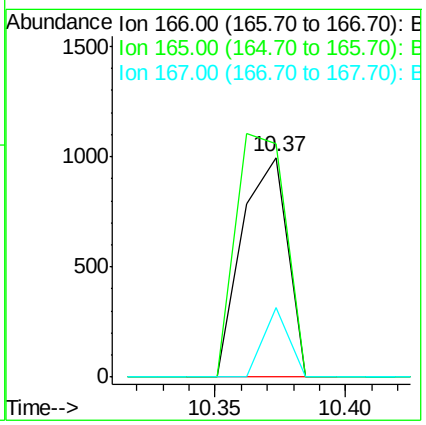


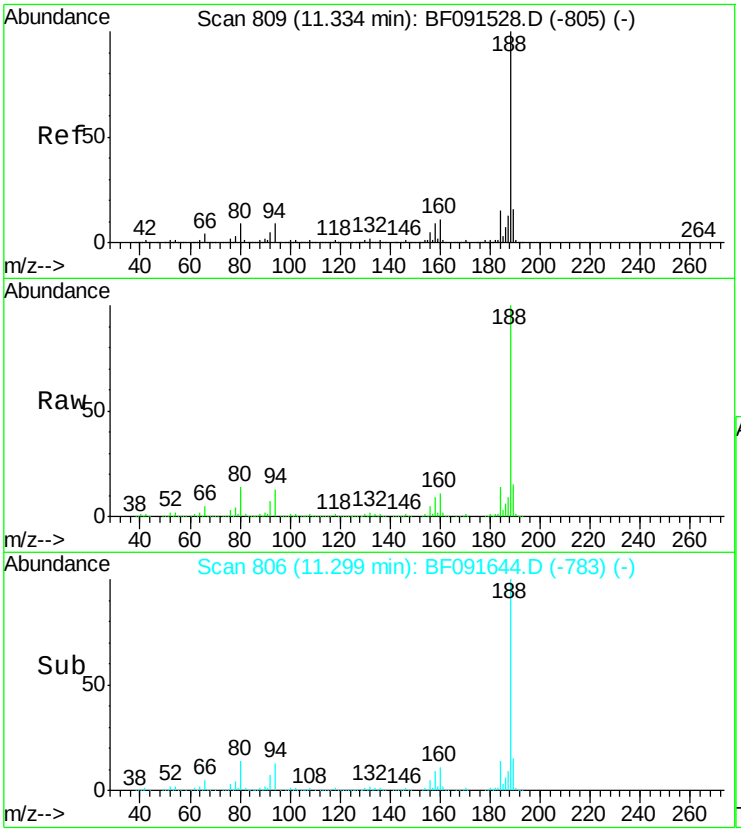


#57
Fluorene
Concen: Below Cal
RT: 10.37 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Tgt Ion:166 Resp: 1223

Ion	Ratio	Lower	Upper
166	100		
165	106.4	80.0	120.0
167	31.5	10.8	16.2#



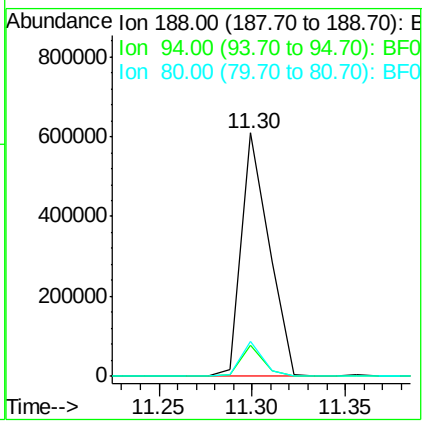


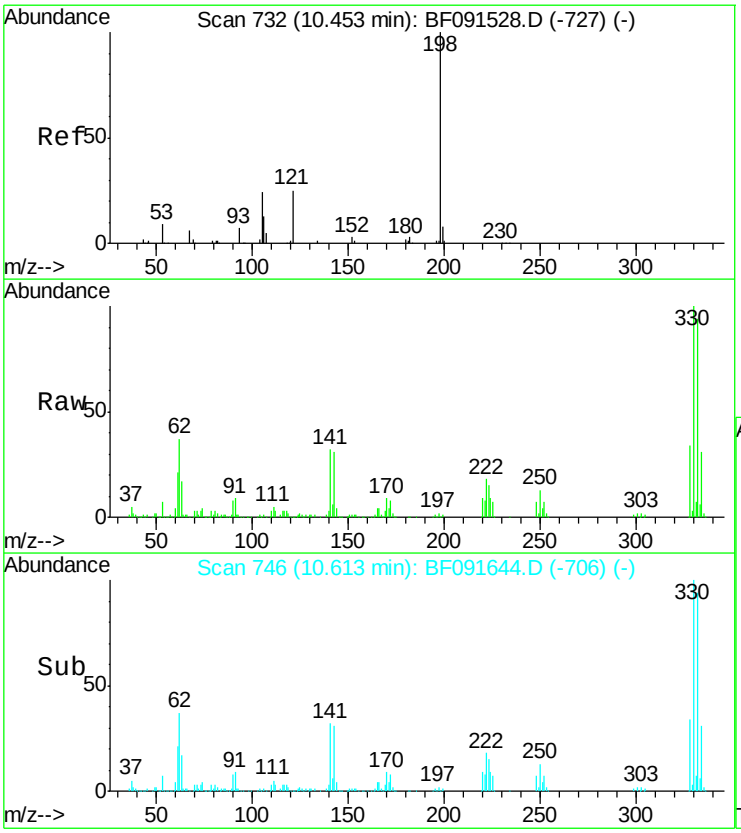
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.03 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Instrument :
BNA_F
ClientSampleId :
SS07-1FT

Tgt Ion:188 Resp: 631208

Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.2	13.8
80	14.3	10.5	15.7

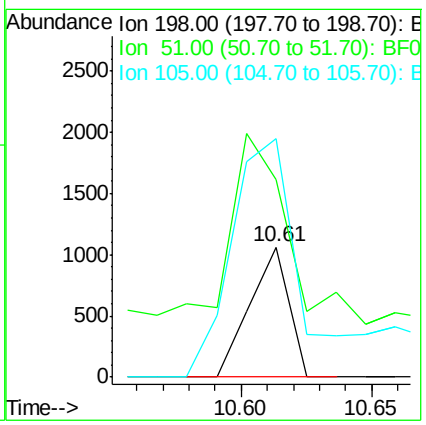


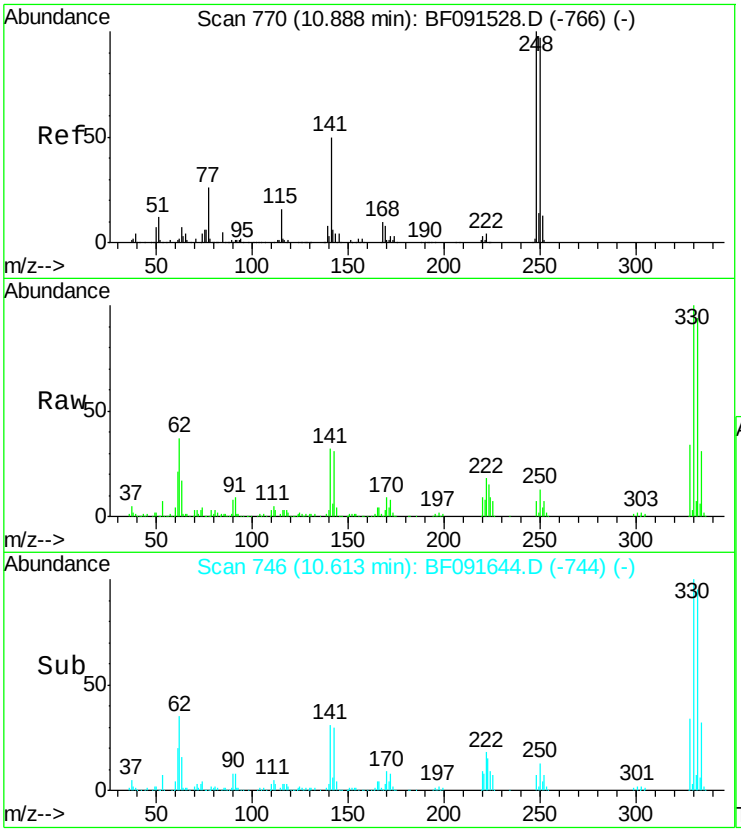


#64
4,6-Dinitro-2-methylphenol
Concen: 3.21 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.16 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Tgt Ion:198 Resp: 1096

Ion	Ratio	Lower	Upper
198	100		
51	152.3	77.1	117.1#
105	183.5	44.8	84.8#



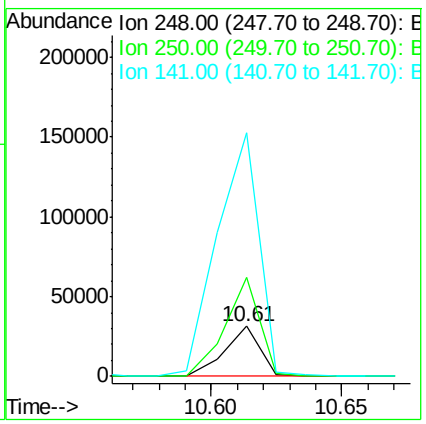


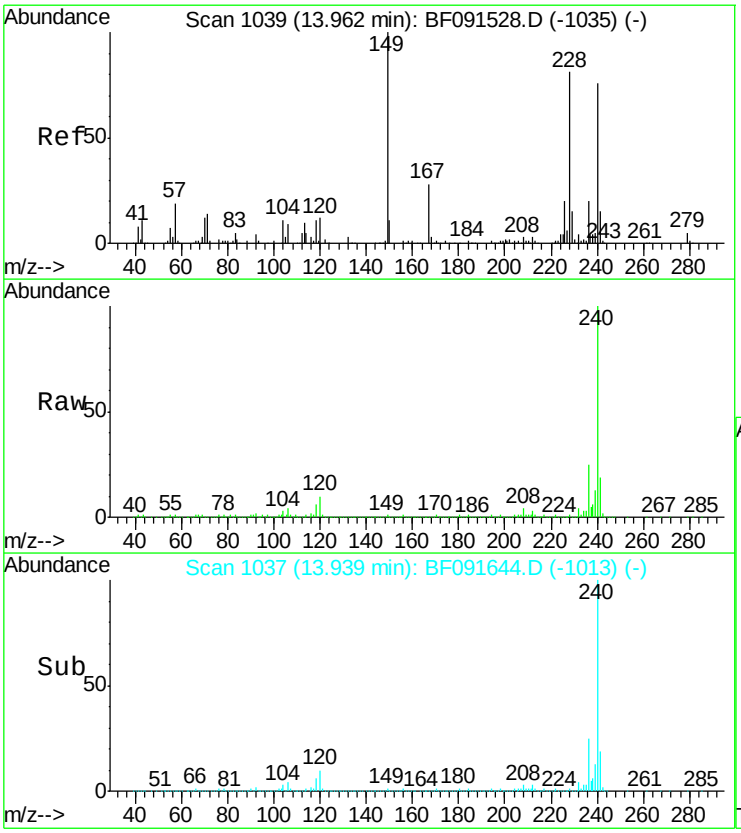
#66
4-Bromophenyl-phenylether
Concen: 4.52 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.27 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Instrument :
BNA_F
ClientSampleId :
SS07-1FT

Tgt Ion:248 Resp: 29229

Ion	Ratio	Lower	Upper
248	100		
250	196.3	78.2	117.4#
141	485.8	71.9	107.9#

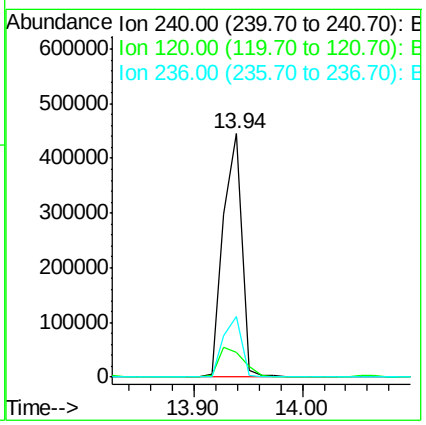


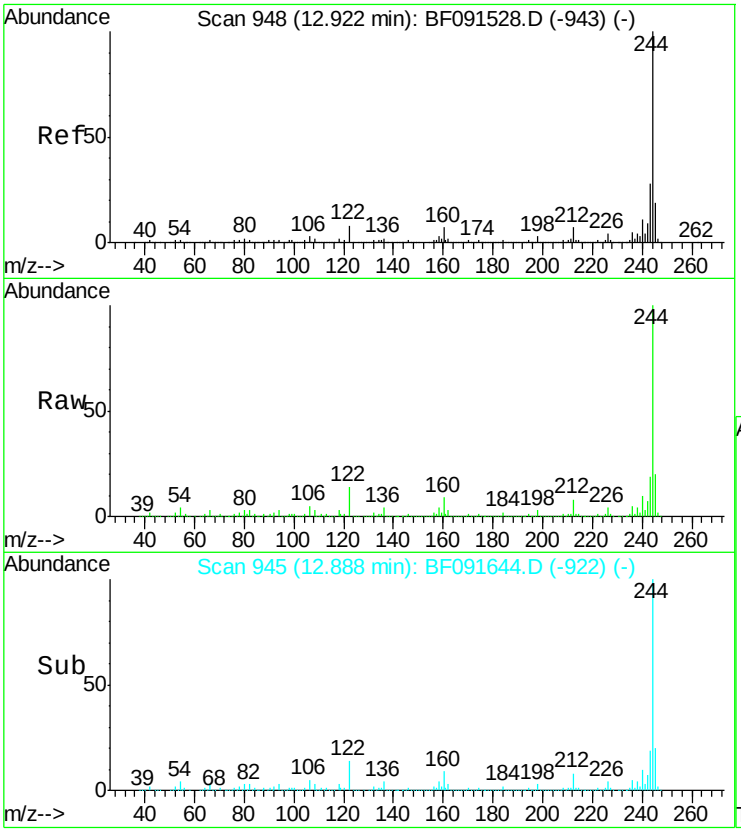


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Tgt Ion:240 Resp: 529784

Ion	Ratio	Lower	Upper
240	100		
120	10.1	12.1	18.1#
236	24.8	21.0	31.6



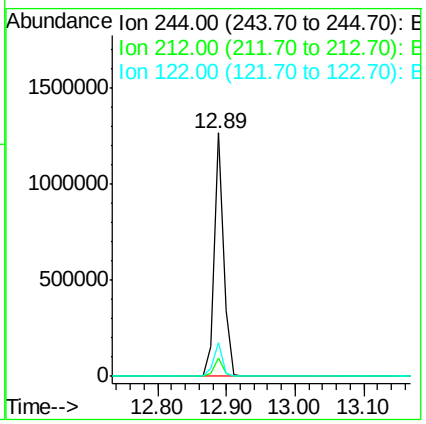


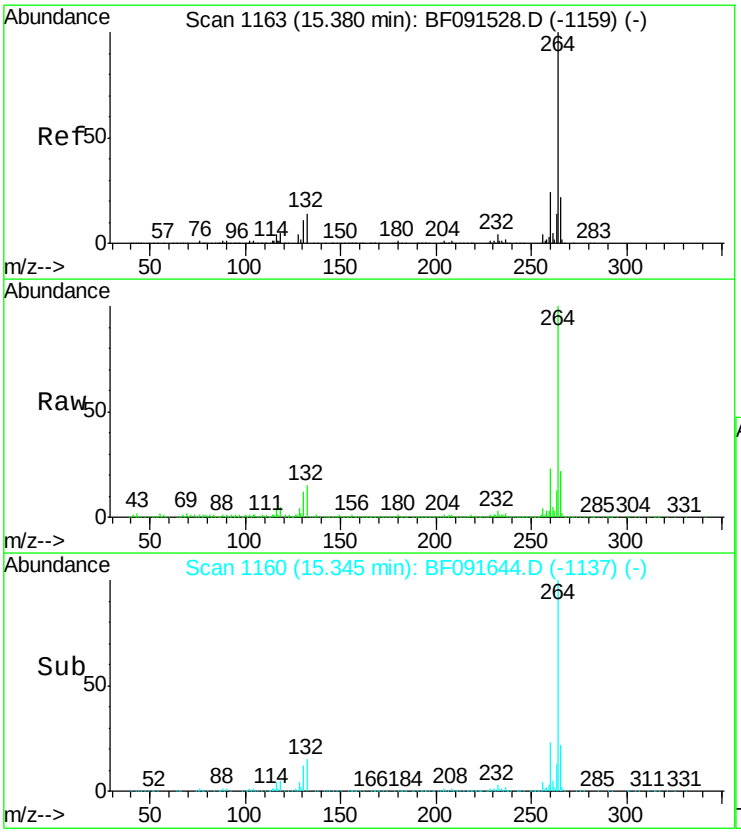
#78
Terphenyl-d14
Concen: 52.33 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.03 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Instrument :
BNA_F
ClientSampleId :
SS07-1FT

Tgt Ion:244 Resp: 1221806

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	13.8	9.5	14.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Tgt Ion:264 Resp: 457285

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	22.0	17.0	25.6