Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092155.D
Acq On : 9 Jan 2017 23:16
Operator : UM/SJ
Sample : I1027-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WWRE

Quant Time: Jan 09 23:42:53 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	6.70	152	177025	20.00	ng		0.06
21) Naphthalene-d8	7.94	136	644611	20.00	ng		0.01
38) Acenaphthene-d10	9.68	164	270876	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	373108	20.00	ng		0.01
75) Chrysene-d12	13.82	240	237428	20.00	ng		0.03
86) Perylene-d12	15.18	264	181929	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	6.45	99	48108	3.72	ng		0.14
23) Nitrobenzene-d5	7.26	82	786947	67.88	ng		0.05
41) 2,4,6-Tribromophenol	10.47	330	977	0.44	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	1276171	98.59	ng		0.00
78) Terphenyl-d14	12.78	244	773765	79.04	ng		0.03
Target Compounds							Qvalue
10) Phenol	6.46	94	44238	3.00	ng	#	70
15) Benzyl Alcohol	6.88	79	155139	15.43	ng		99
17) 2-Methylphenol	6.88	107	70934	7.31	ng	#	14
19) n-Nitroso-di-n-propylamine	7.09	70	41026	4.76	ng	#	65
20) 3+4-Methylphenols	6.88	107	70283	6.08	ng	#	22
24) Nitrobenzene	7.29	77	28951	2.34	ng	#	43
25) Isophorone	7.26	82	783438	36.63	ng	#	65
37) 2-Methylnaphthalene	8.64	142	626	Below Cal		#	91
45) 1,1'-Biphenyl	9.10	154	46607	2.51	ng		88
48) Acenaphthylene	9.67	152	203153	8.99	ng	#	43
49) Dimethylphthalate	9.41	163	77246	4.46	ng		100
50) 2,6-Dinitrotoluene	9.37	165	12792	3.37	ng	#	64
54) Dibenzofuran	9.73	168	424986	20.55	ng	#	56
56) 2,4-Dinitrotoluene	9.73	165	122074	25.65	ng	#	35
64) 4,6-Dinitro-2-methylphenol	10.17	198	4977	2.21	ng	#	1
68) Atrazine	11.02	200	221599	62.05	ng	#	37
71) Anthracene	11.24	178	1134	Below Cal		#	39
73) Di-n-butylphthalate	11.74	149	6963	Below Cal		#	84
74) Fluoranthene	12.40	202	5243	Below Cal		#	1
83) Bis(2-ethylhexyl)phthalate	13.81	149	52656	5.64	ng	#	95

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

Quantitation Report (Not Reviewed)

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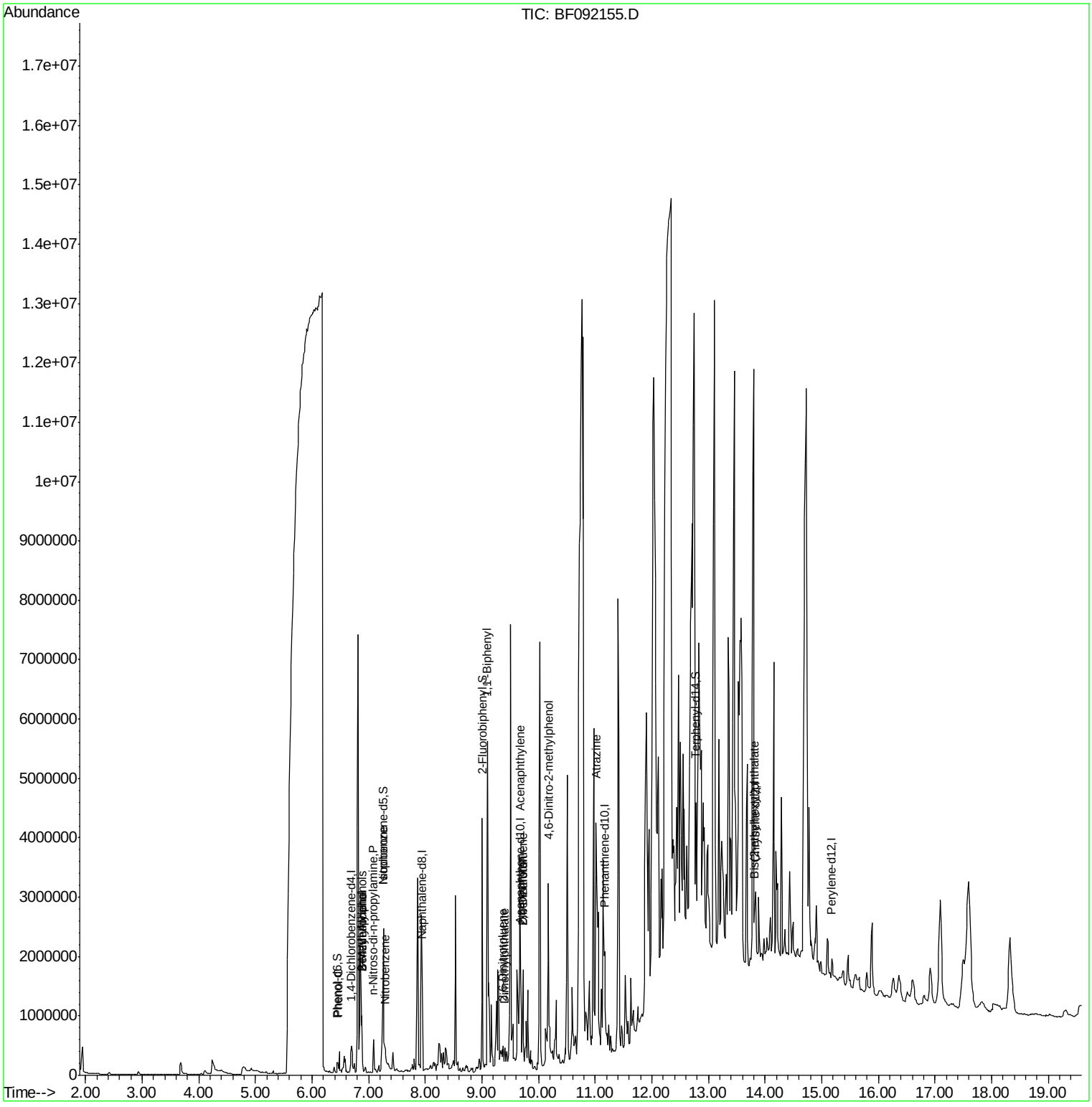
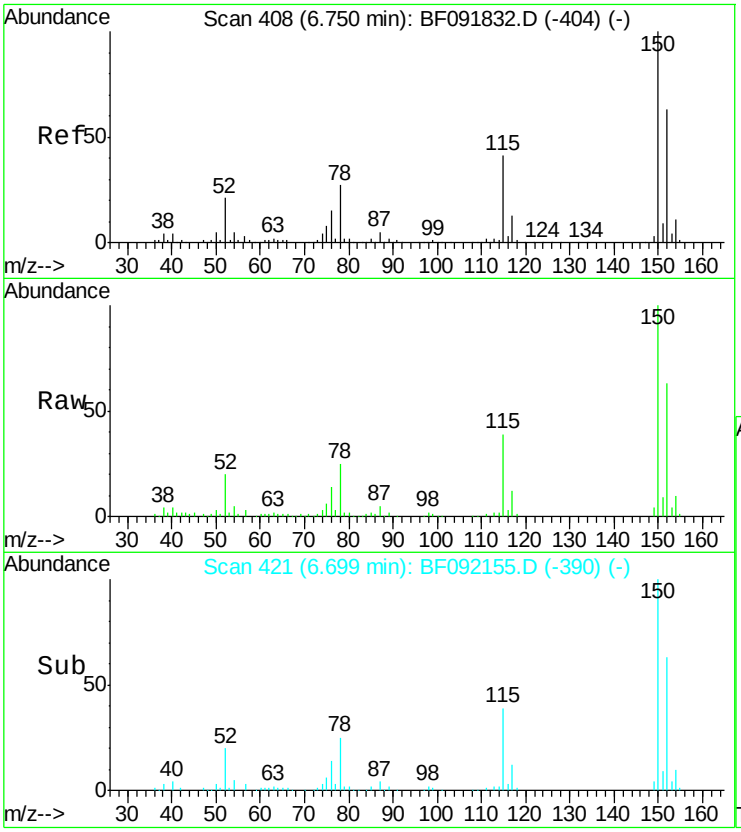


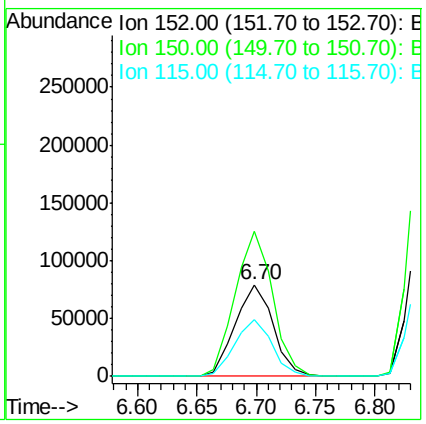


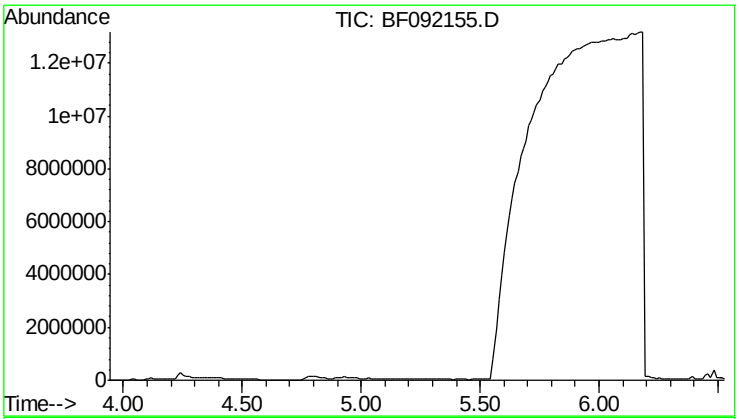
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 421
Delta R.T. 0.06 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion:152 Resp: 177025

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.9	187.3
115	62.0	46.0	69.0



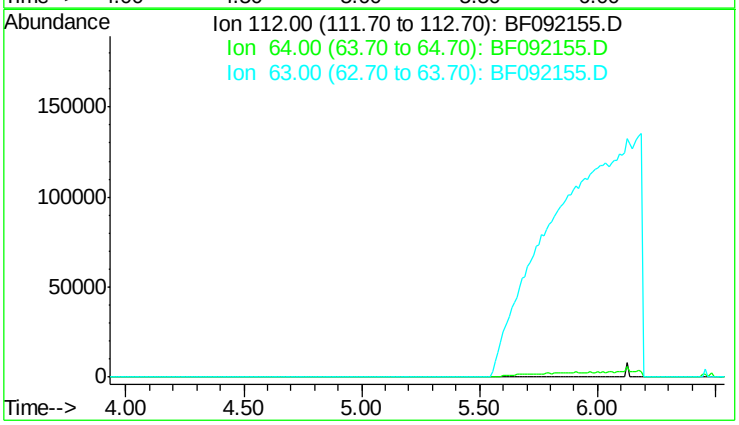


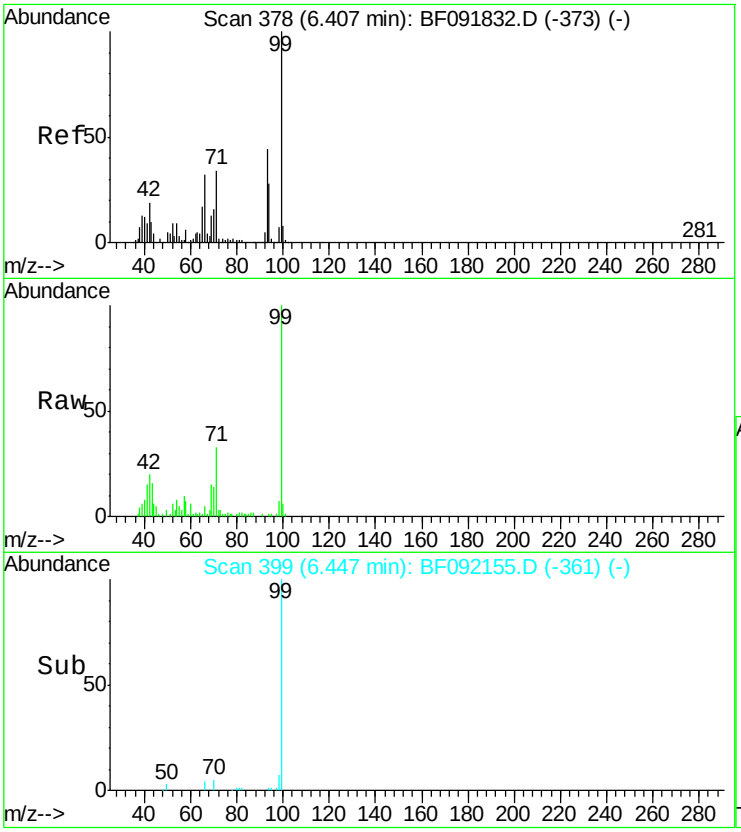
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.24 min

Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	57.6
63	29.7



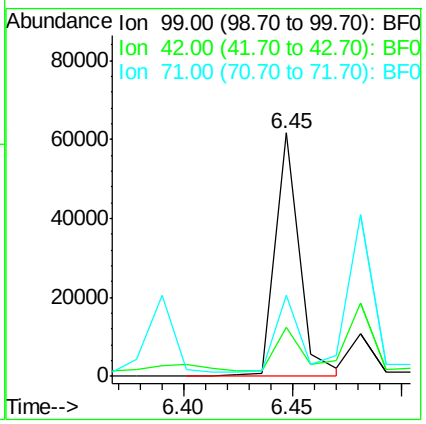


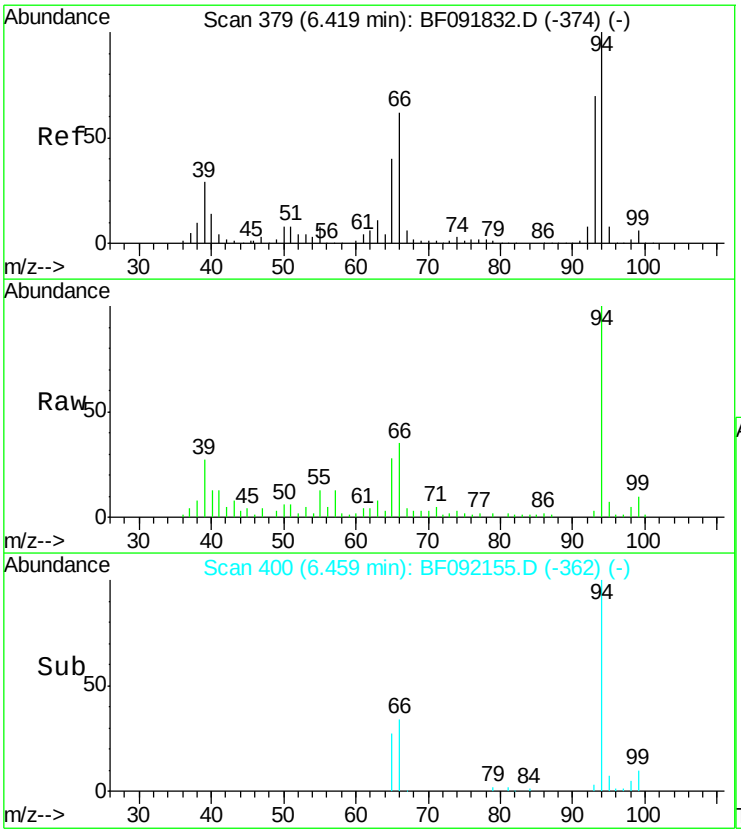
#7
Phenol-d6
Concen: 3.72 ng
RT: 6.45 min Scan# 399
Delta R.T. 0.14 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion: 99 Resp: 48108

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.6	23.4
71	33.0	27.5	41.3

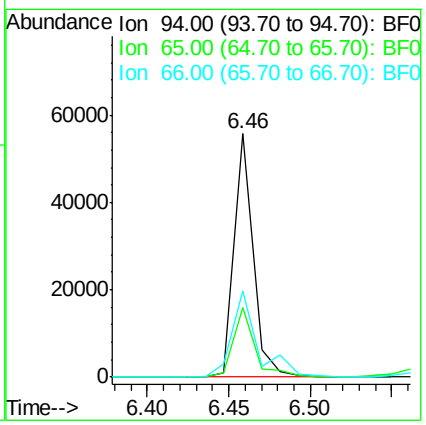


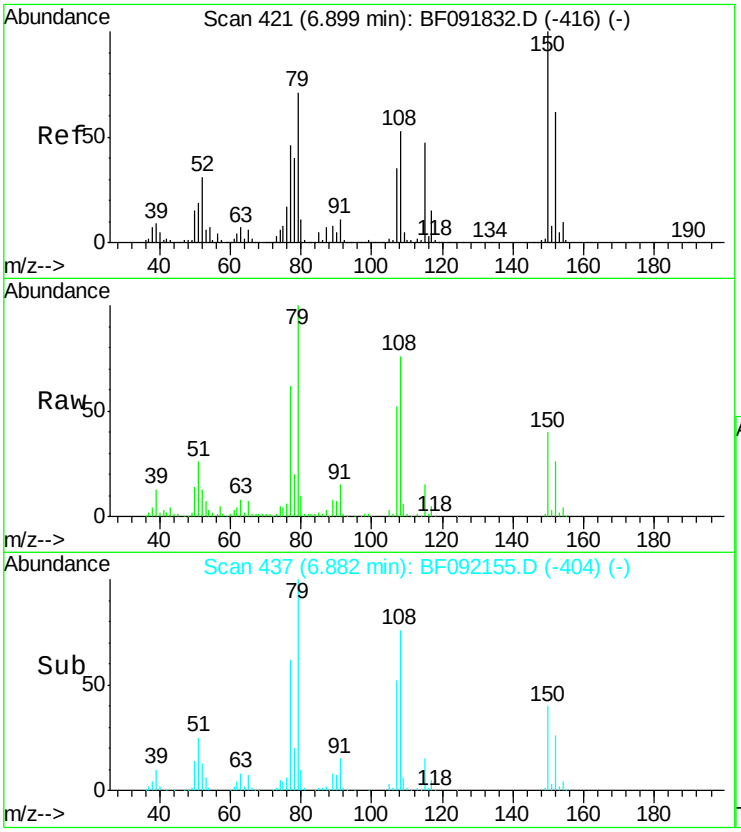


#10
Phenol
Concen: 3.00 ng
RT: 6.46 min Scan# 400
Delta R.T. 0.14 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Tgt Ion: 94 Resp: 44238

Ion	Ratio	Lower	Upper
94	100		
65	28.4	21.4	61.4
66	35.4	44.0	84.0#



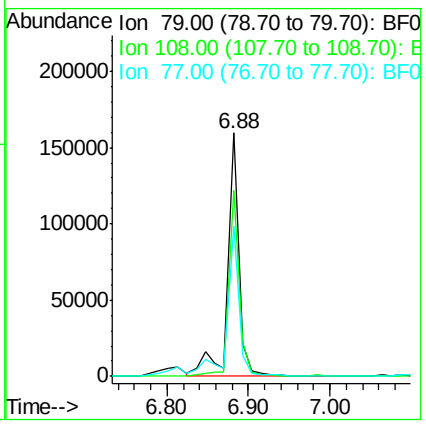


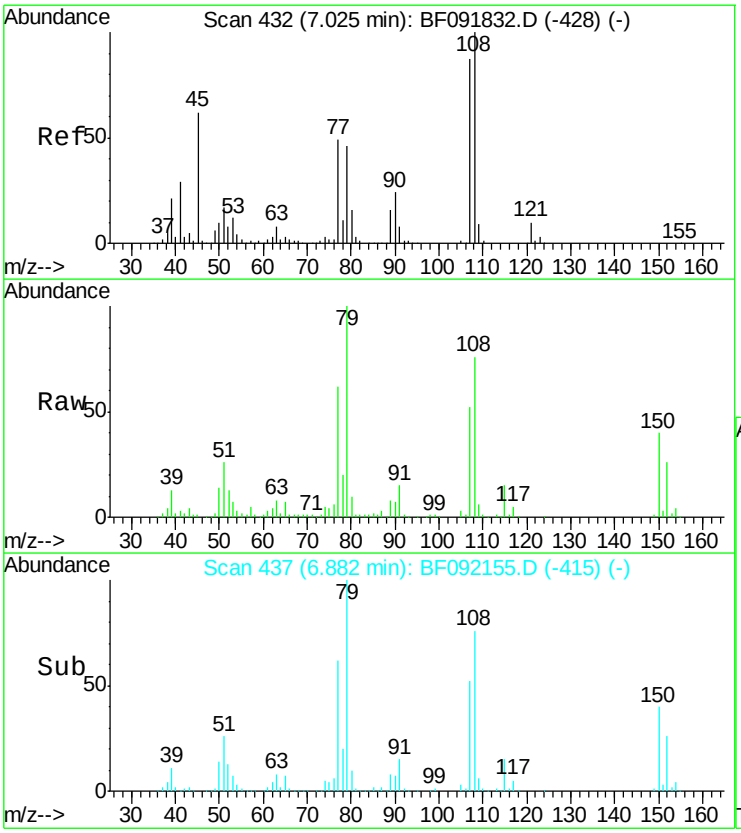
#15
Benzyl Alcohol
Concen: 15.43 ng
RT: 6.88 min Scan# 437
Delta R.T. 0.08 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion: 79 Resp: 155139

Ion	Ratio	Lower	Upper
79	100		
108	76.2	61.4	92.0
77	61.8	50.9	76.3

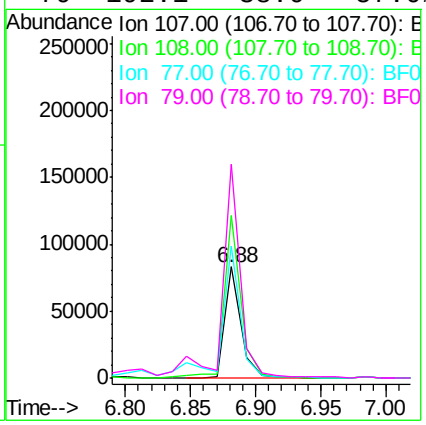


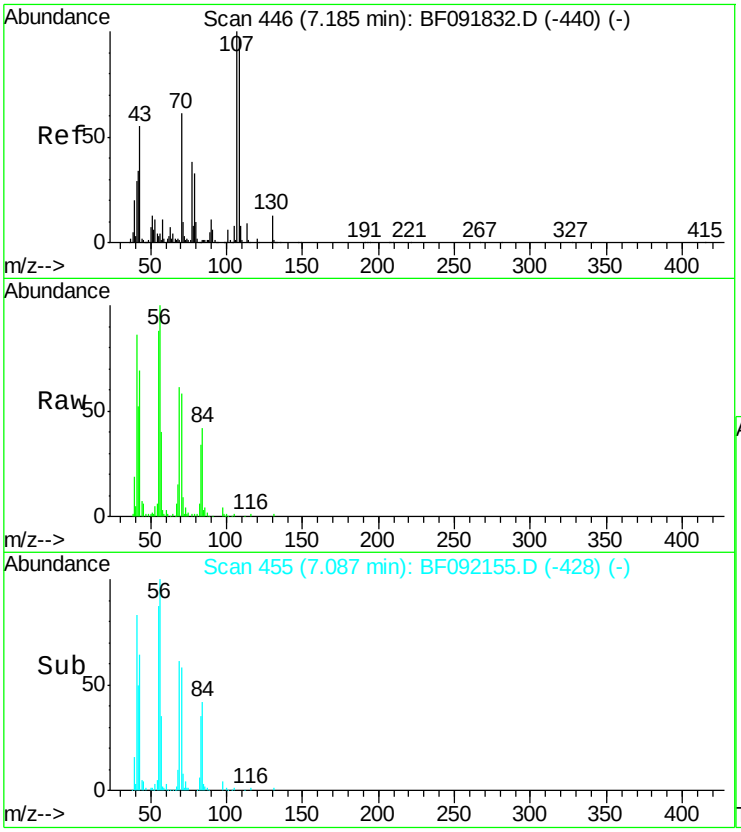


#17
2-Methylphenol
Concen: 7.31 ng
RT: 6.88 min Scan# 437
Delta R.T. -0.05 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Tgt Ion:107 Resp: 70934

Ion	Ratio	Lower	Upper
107	100		
108	146.3	93.0	139.6#
77	118.8	39.8	59.8#
79	192.1	38.0	57.0#



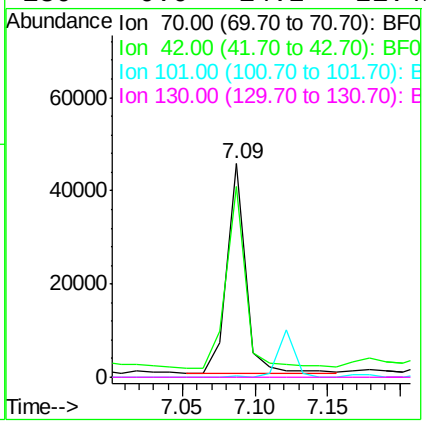


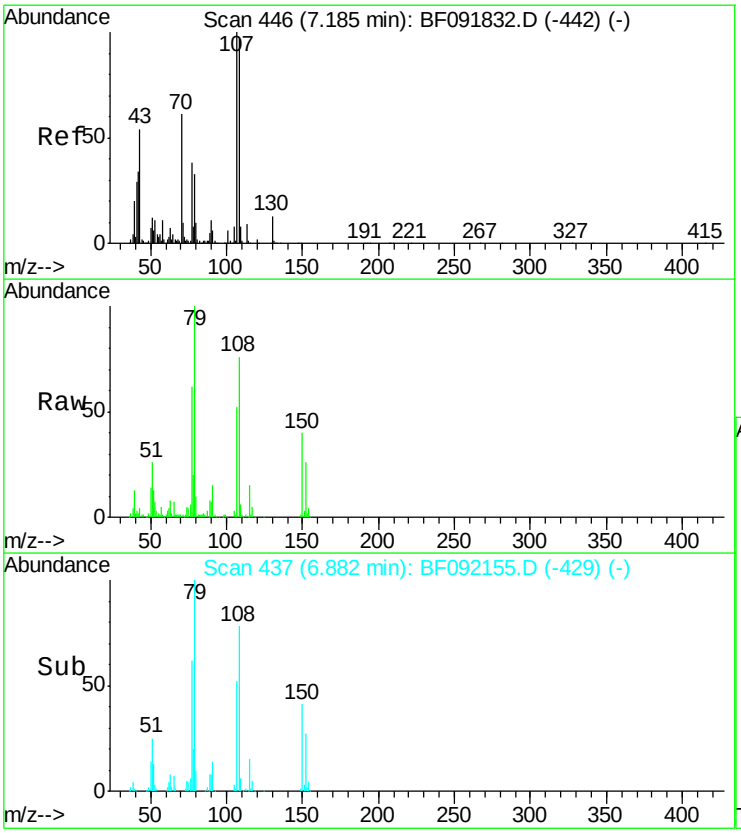
#19
n-Nitroso-di-n-propylamine
Concen: 4.76 ng
RT: 7.09 min Scan# 455
Delta R.T. 0.01 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion: 70 Resp: 41026

Ion	Ratio	Lower	Upper
70	100		
42	89.1	49.4	74.0#
101	0.7	7.4	11.2#
130	0.0	14.2	21.4#

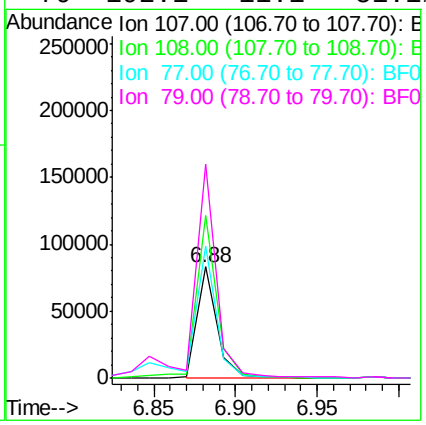


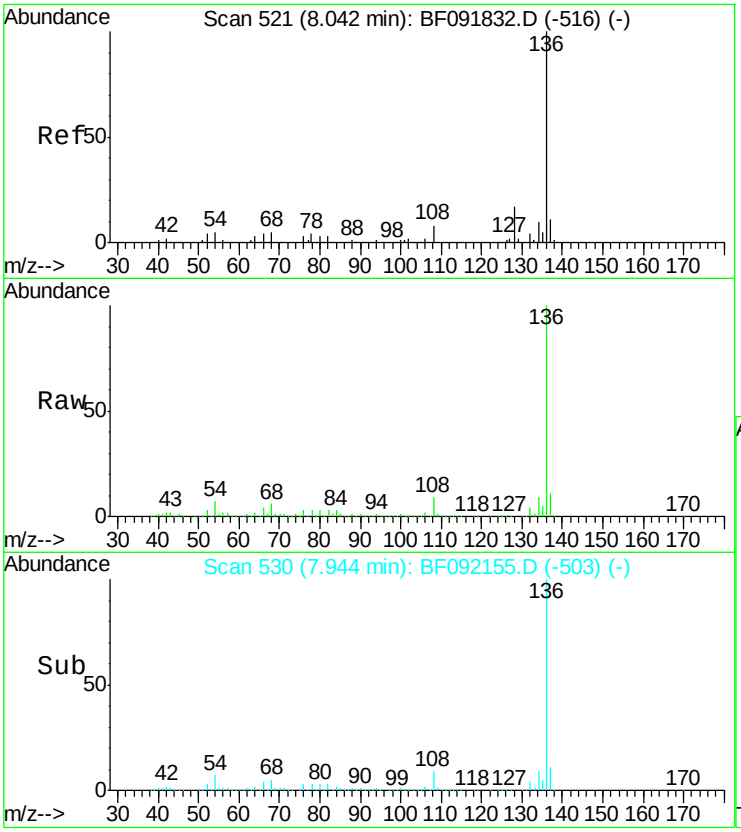


#20
3+4-Methylphenols
Concen: 6.08 ng
RT: 6.88 min Scan# 437
Delta R.T. -0.21 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Tgt Ion:107 Resp: 70283

Ion	Ratio	Lower	Upper
107	100		
108	146.3	73.0	113.0#
77	118.8	71.3	111.3#
79	192.1	11.1	51.1#



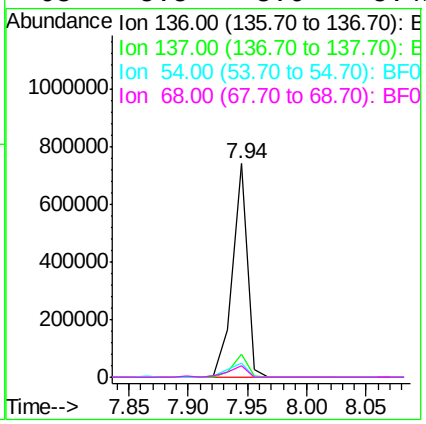


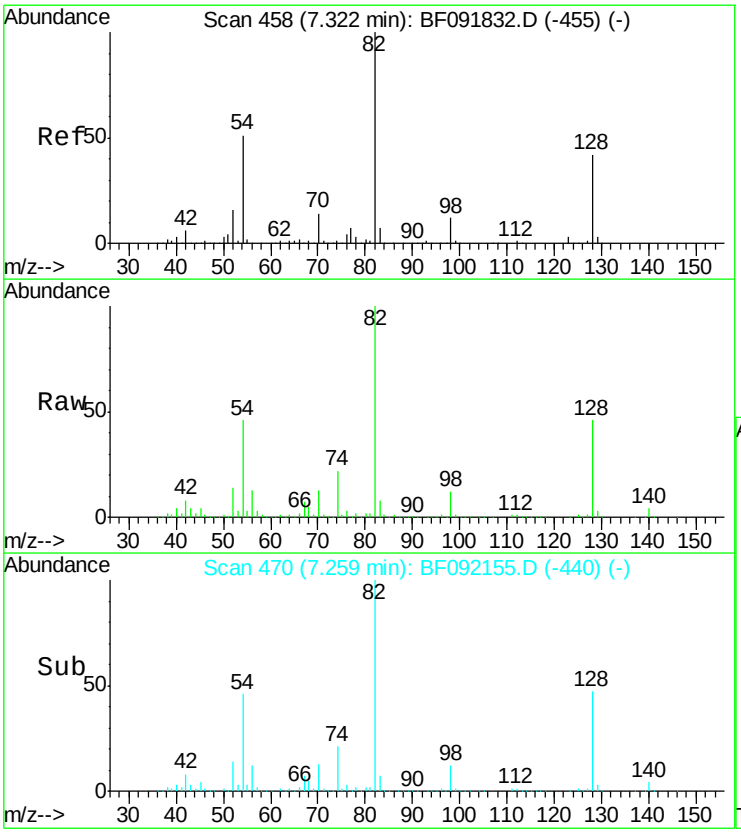
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion:136 Resp: 644611

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	6.8	4.5	6.7#
68	5.5	3.6	5.4#

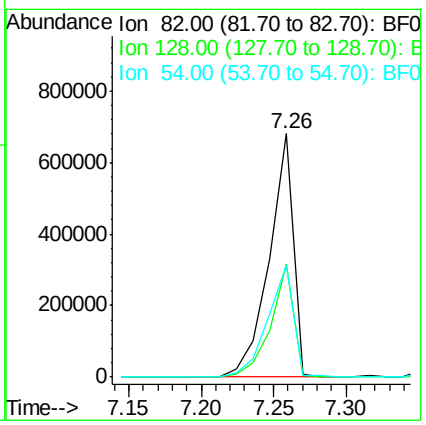


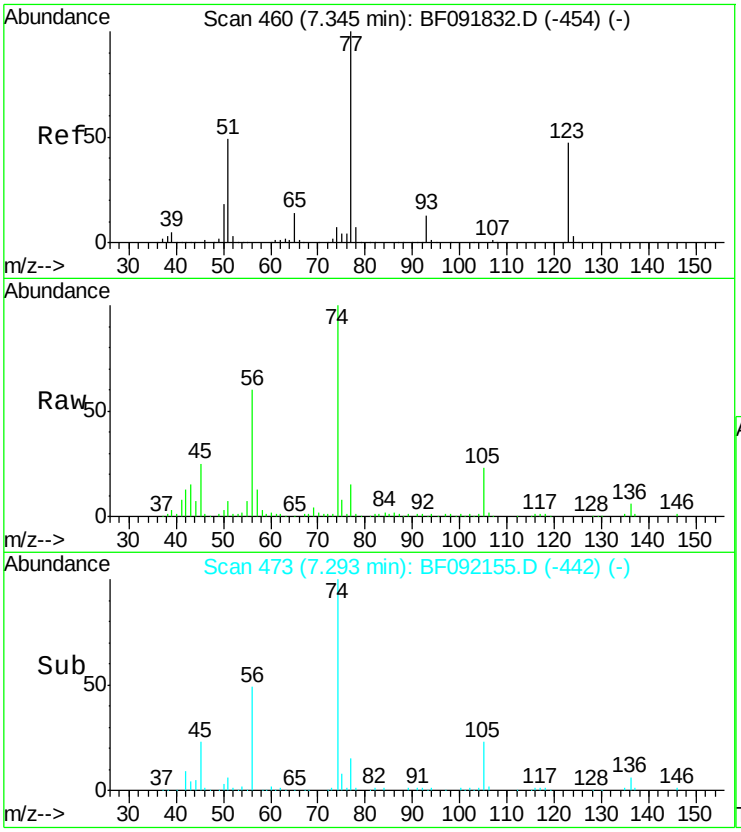


#23
Nitrobenzene-d5
Concen: 67.88 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.05 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Tgt Ion: 82 Resp: 786947

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.6	52.0
54	46.1	39.5	59.3



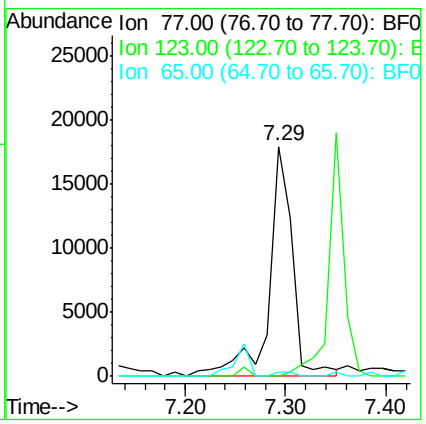


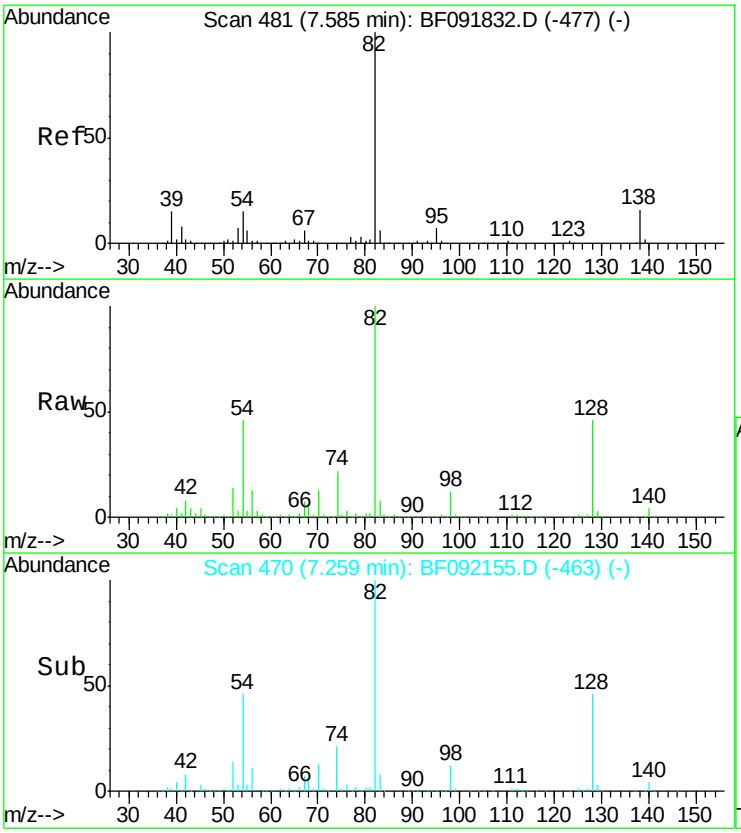
#24
Nitrobenzene
Concen: 2.34 ng
RT: 7.29 min Scan# 473
Delta R.T. 0.06 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion: 77 Resp: 28951

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.4#
65	2.0	11.2	16.8#

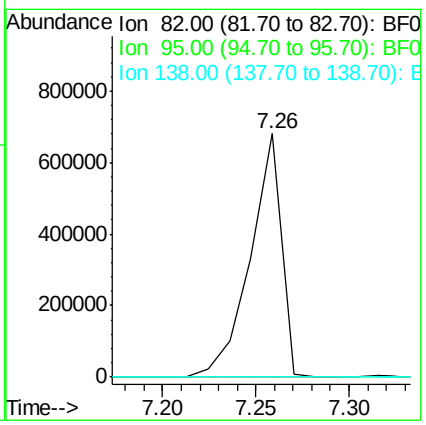


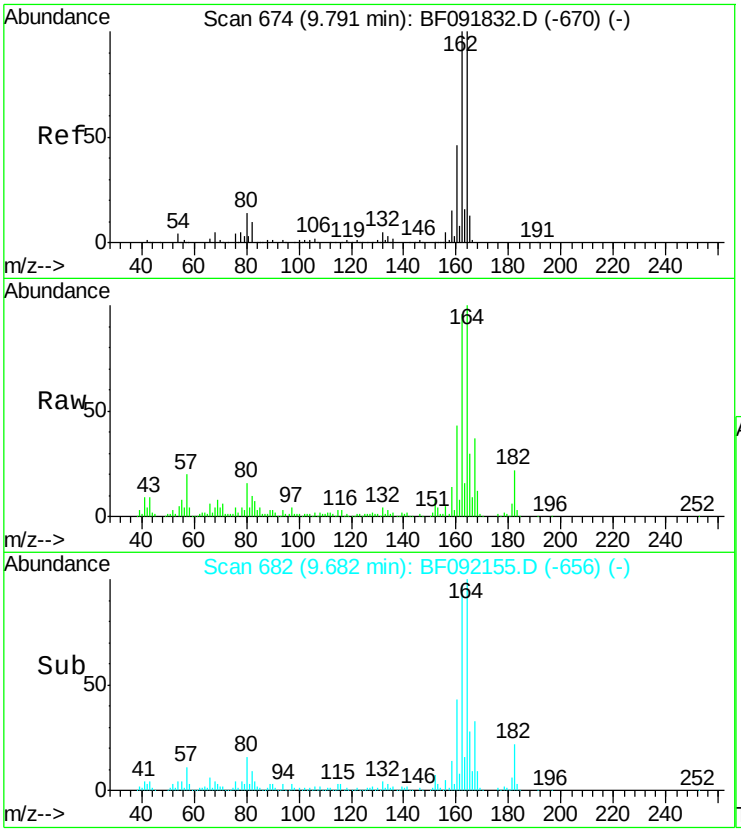


#25
Isophorone
Concen: 36.63 ng
RT: 7.26 min Scan# 470
Delta R.T. -0.22 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Tgt Ion: 82 Resp: 783438

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.6	22.0#



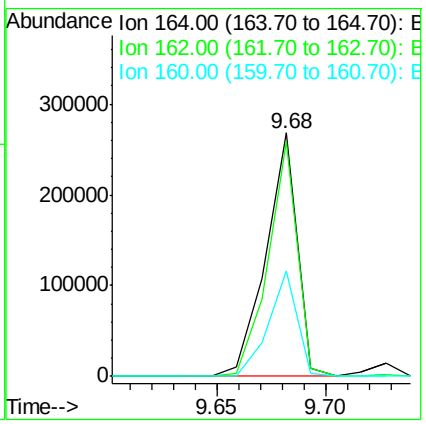


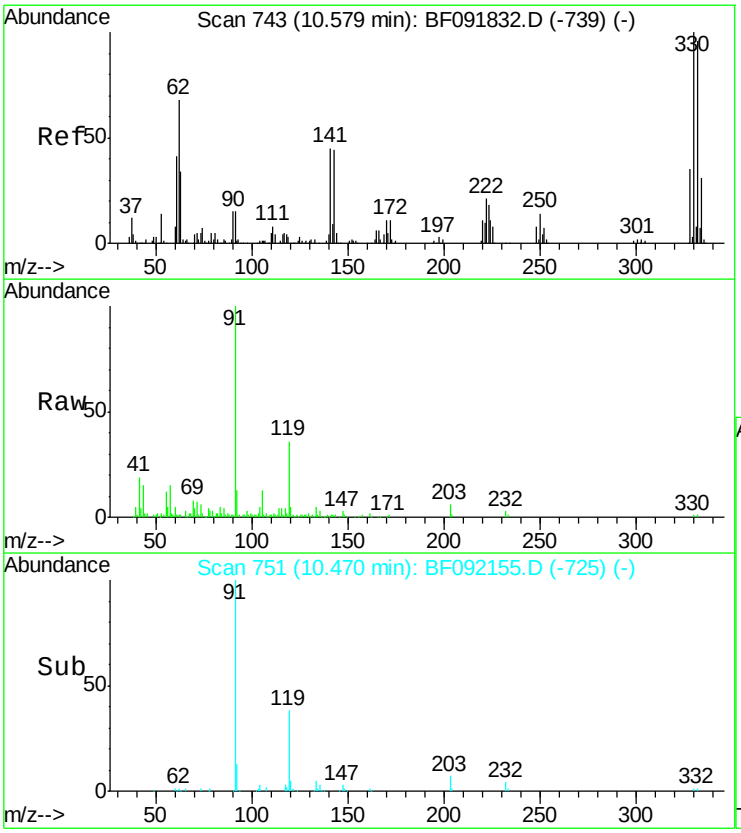
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion:164 Resp: 270876

Ion	Ratio	Lower	Upper
164	100		
162	96.4	80.2	120.2
160	43.1	36.9	55.3

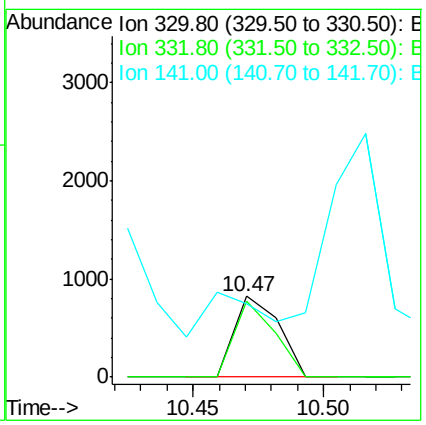


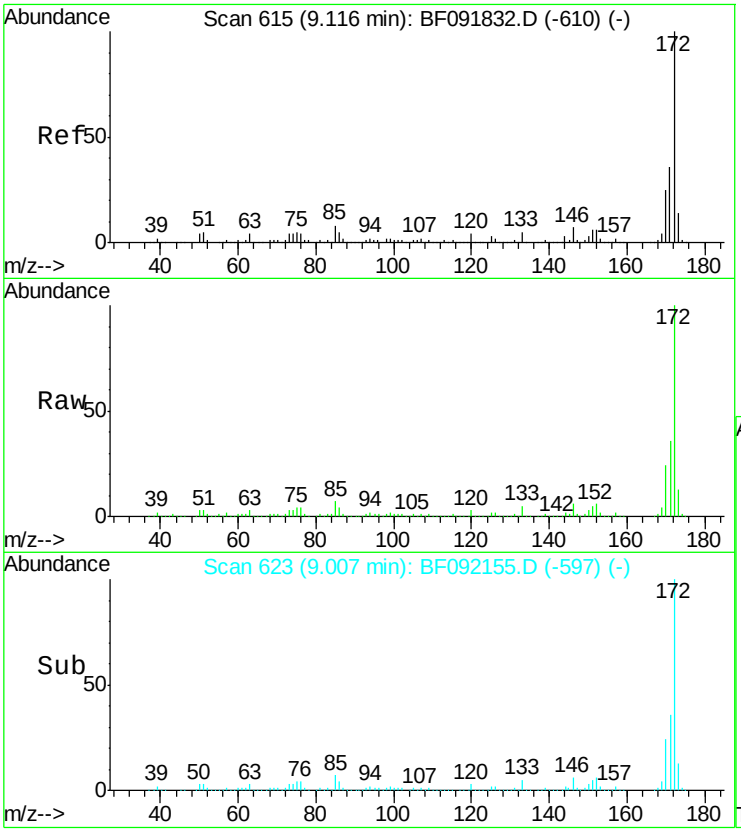


#41
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Tgt Ion:330 Resp: 977

Ion	Ratio	Lower	Upper
330	100		
332	85.9	77.4	116.2
141	0.0	34.1	51.1#



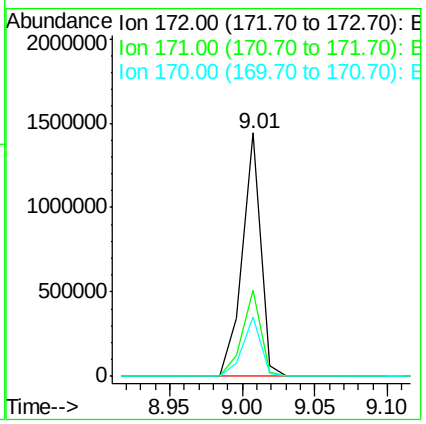


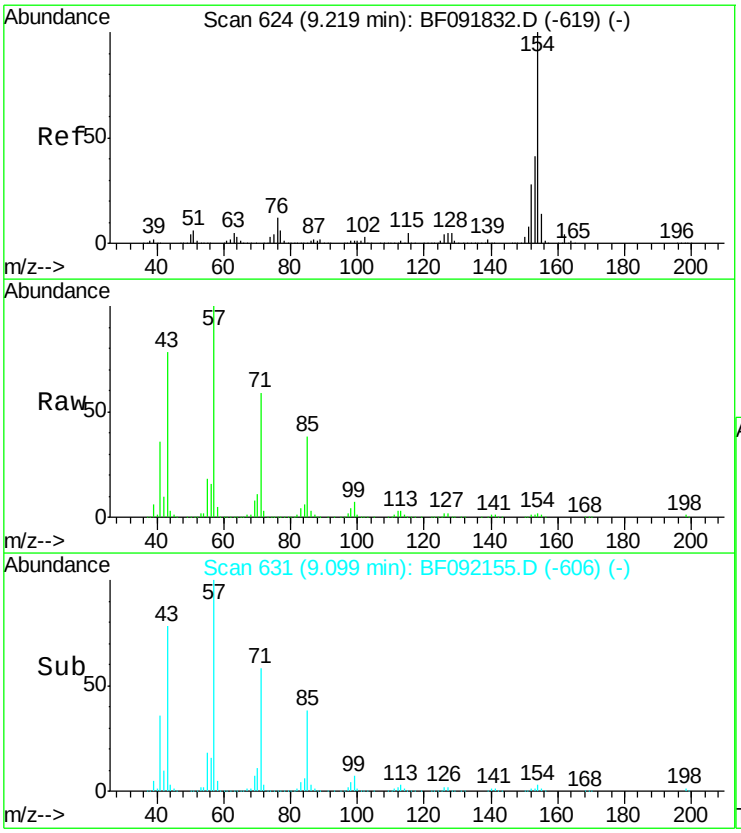
#44
2-Fluorobiphenyl
Concen: 98.59 ng
RT: 9.01 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion:172 Resp: 1276171

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	24.3	20.2	30.4

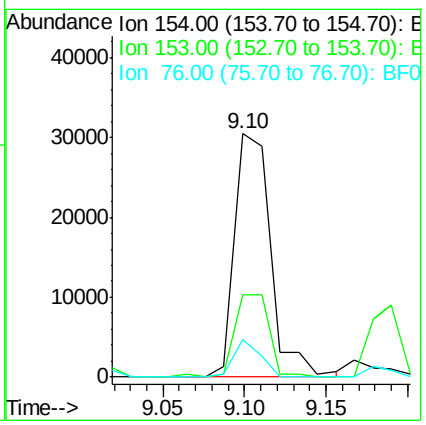


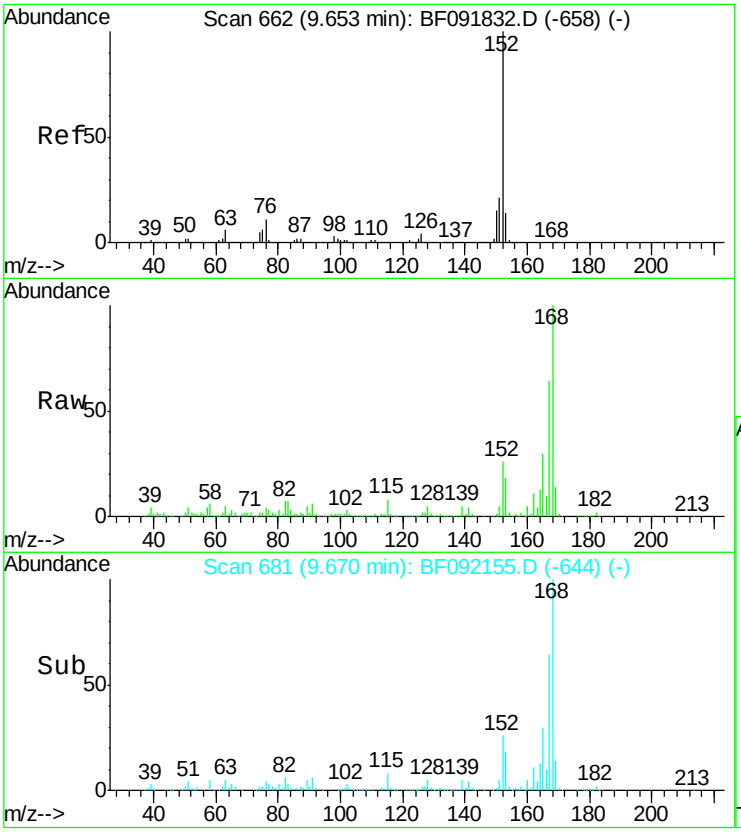


#45
1,1'-Biphenyl
Concen: 2.51 ng
RT: 9.10 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Tgt Ion:154 Resp: 46607

Ion	Ratio	Lower	Upper
154	100		
153	33.8	20.9	60.9
76	15.2	0.0	30.5



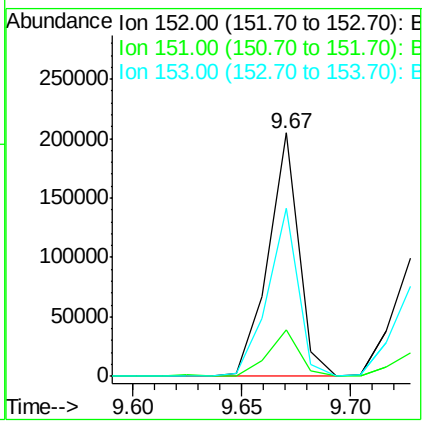


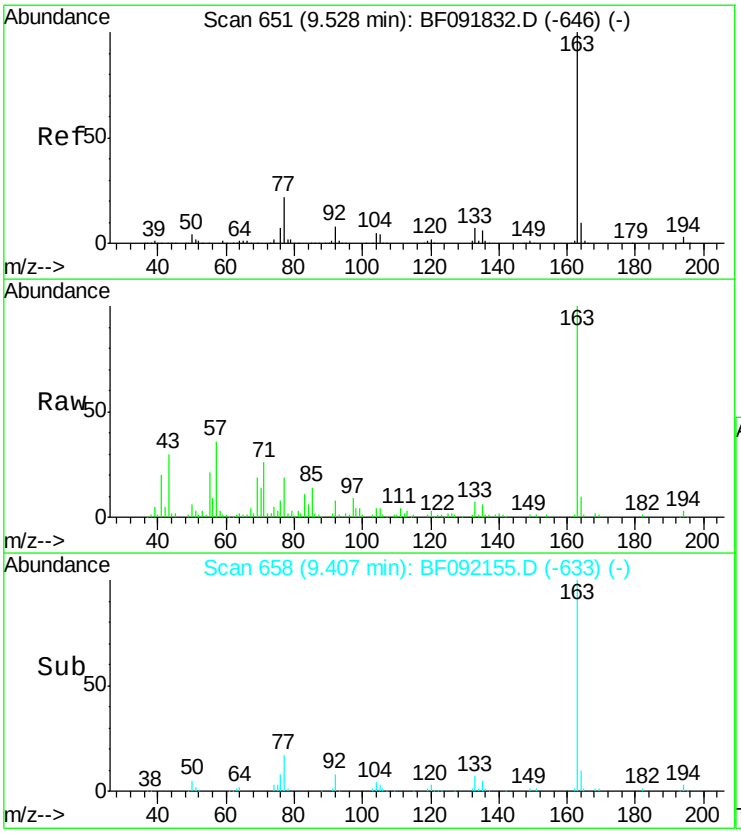
#48
Acenaphthylene
Concen: 8.99 ng
RT: 9.67 min Scan# 681
Delta R.T. 0.13 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion:152 Resp: 203153

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.9	25.3
153	69.1	11.4	17.2#

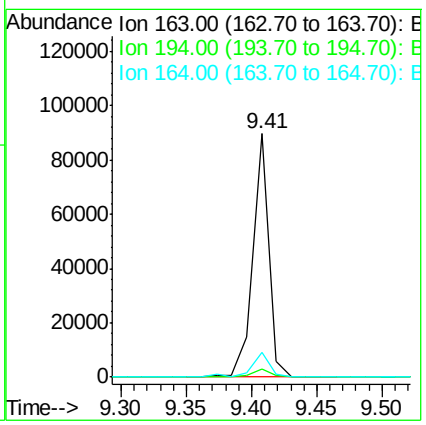


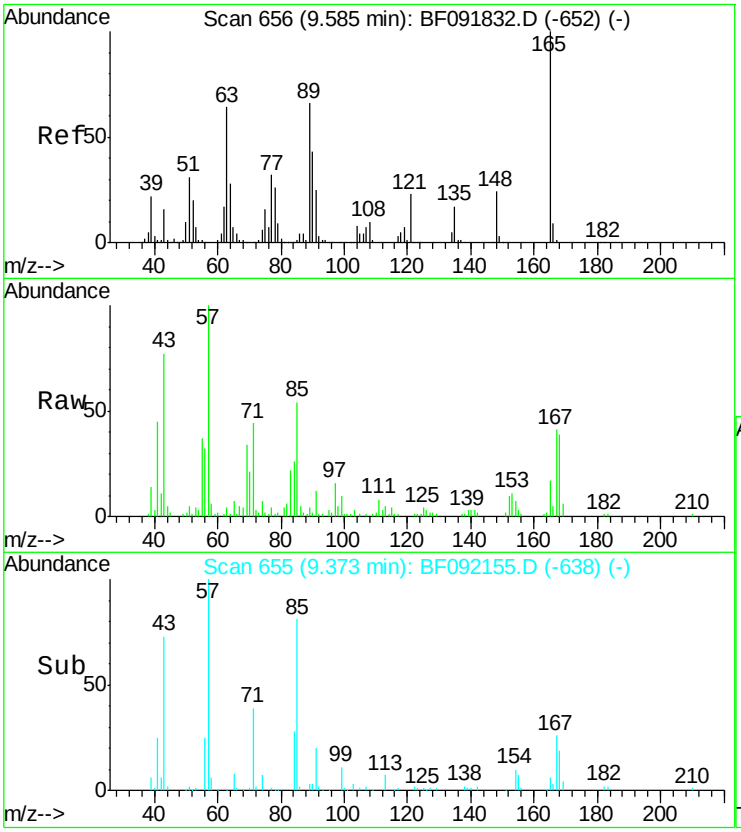


#49
Dimethylphthalate
Concen: 4.46 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Tgt Ion:163 Resp: 77246

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	9.9	8.0	12.0



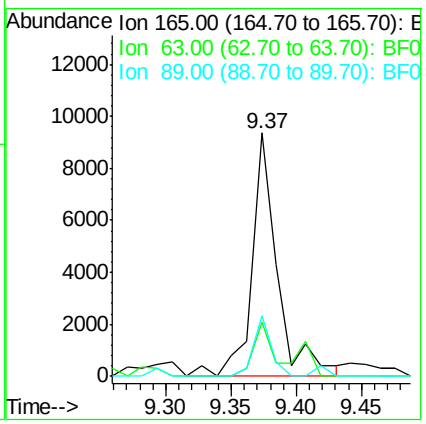


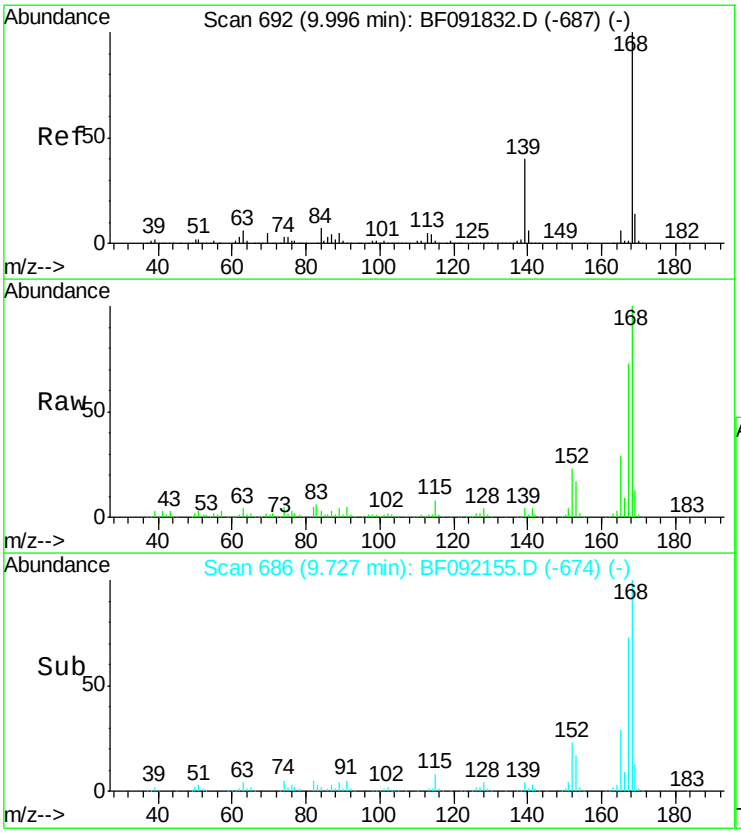
#50
2,6-Dinitrotoluene
Concen: 3.37 ng
RT: 9.37 min Scan# 655
Delta R.T. -0.10 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion:165 Resp: 12792

Ion	Ratio	Lower	Upper
165	100		
63	22.2	36.2	54.4#
89	24.7	40.2	60.4#

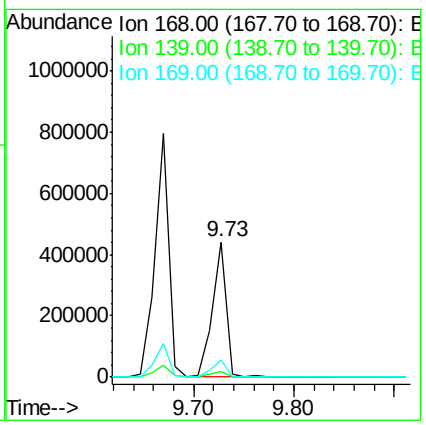


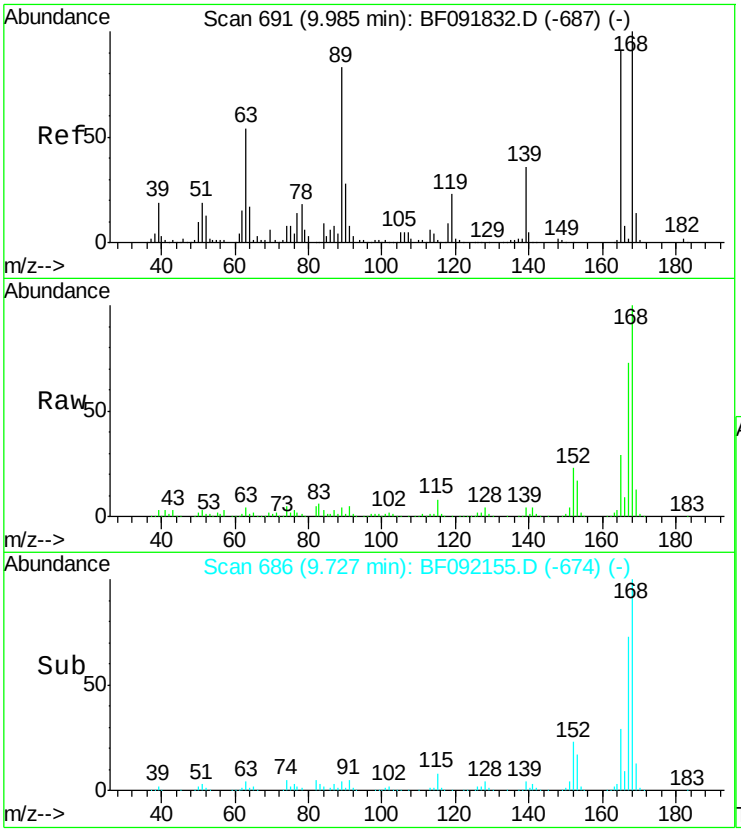


#54
Dibenzofuran
Concen: 20.55 ng
RT: 9.73 min Scan# 686
Delta R.T. -0.16 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Tgt Ion:168 Resp: 424986

Ion	Ratio	Lower	Upper
168	100		
139	4.5	32.6	49.0#
169	12.9	11.3	16.9



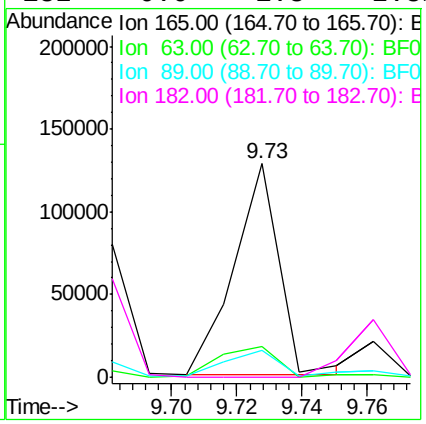


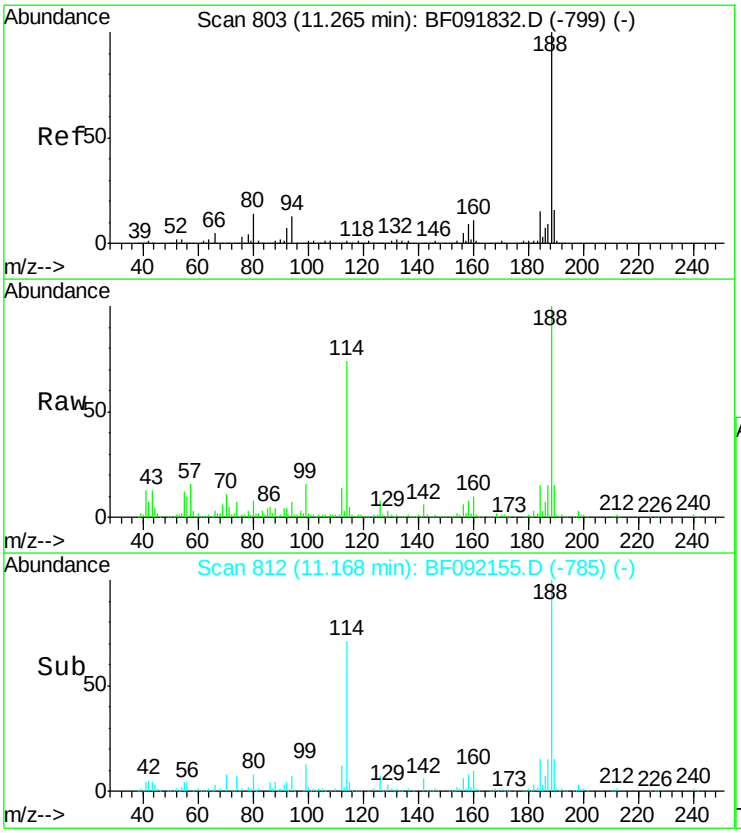
#56
2,4-Dinitrotoluene
Concen: 25.65 ng
RT: 9.73 min Scan# 686
Delta R.T. -0.16 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion:165 Resp: 122074

Ion	Ratio	Lower	Upper
165	100		
63	14.1	40.2	60.4#
89	12.7	62.5	93.7#
182	0.0	1.8	2.8#

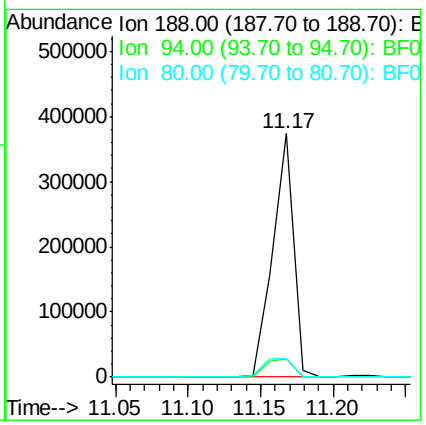


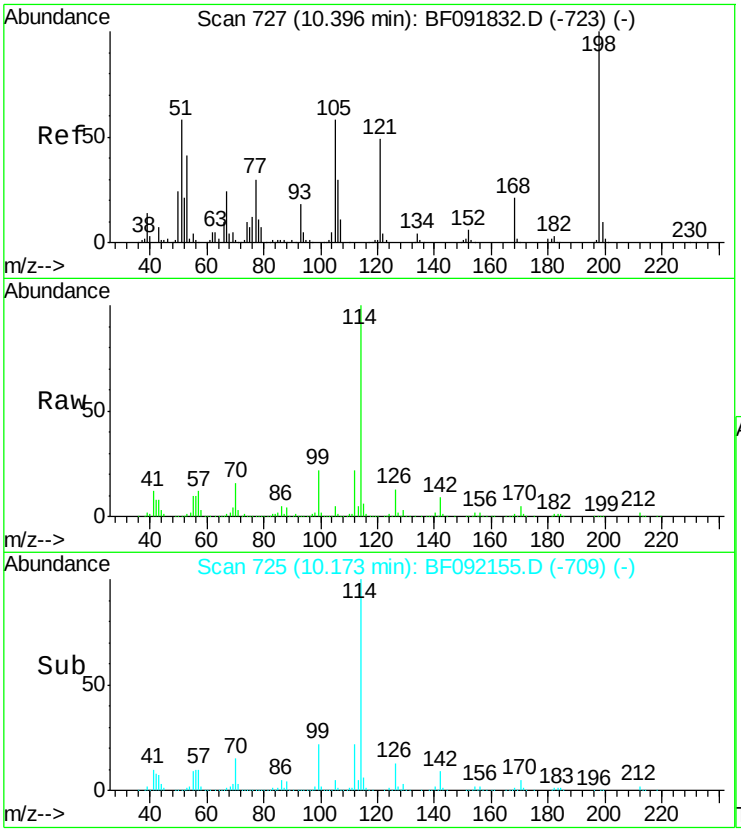


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Tgt Ion:188 Resp: 373108

Ion	Ratio	Lower	Upper
188	100		
94	7.4	10.0	15.0#
80	7.7	11.2	16.8#



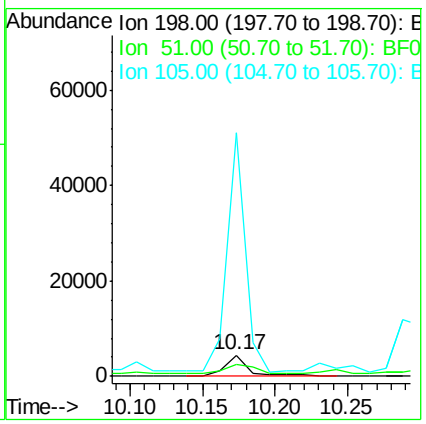


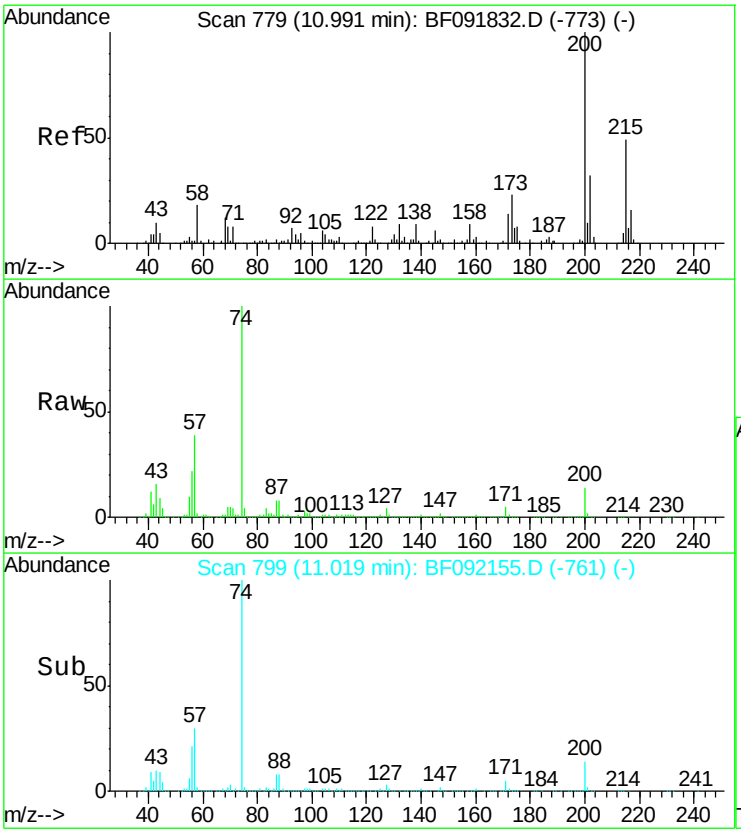
#64
4,6-Dinitro-2-methylphenol
Concen: 2.21 ng
RT: 10.17 min Scan# 725
Delta R.T. -0.11 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion:198 Resp: 4977

Ion	Ratio	Lower	Upper
198	100		
51	55.2	6.7	46.7#
105	1157.5	16.6	56.6#

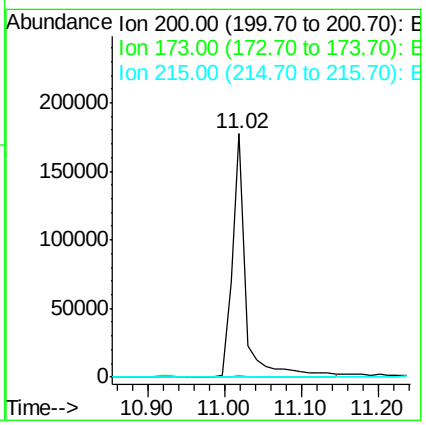


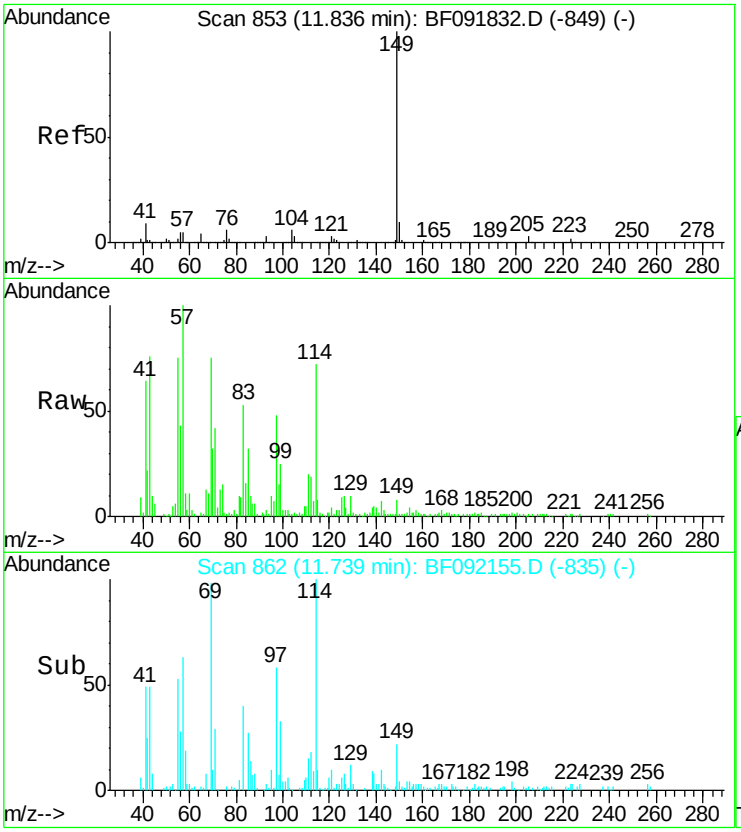


#68
Atrazine
Concen: 62.05 ng
RT: 11.02 min Scan# 799
Delta R.T. 0.14 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Tgt Ion:200 Resp: 221599

Ion	Ratio	Lower	Upper
200	100		
173	0.6	9.6	49.6#
215	0.0	25.7	65.7#



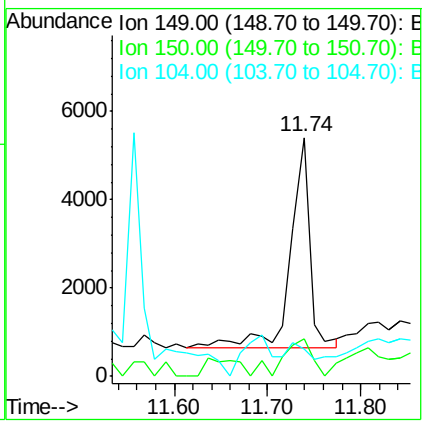


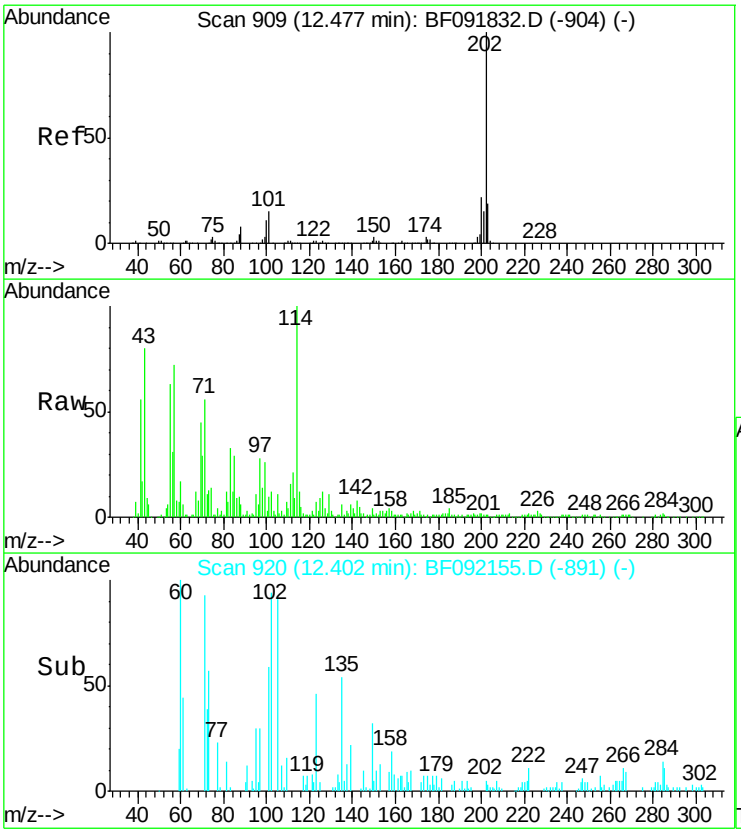
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.74 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion:149 Resp: 6963

Ion	Ratio	Lower	Upper
149	100		
150	15.8	8.1	12.1#
104	11.2	4.6	7.0#

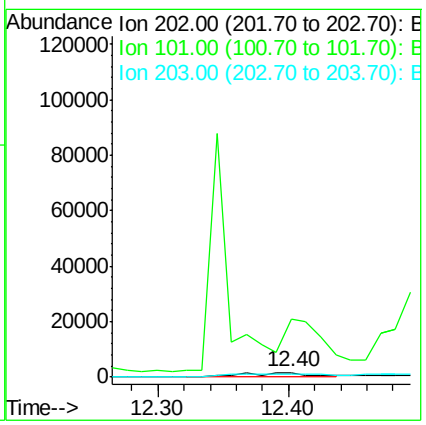


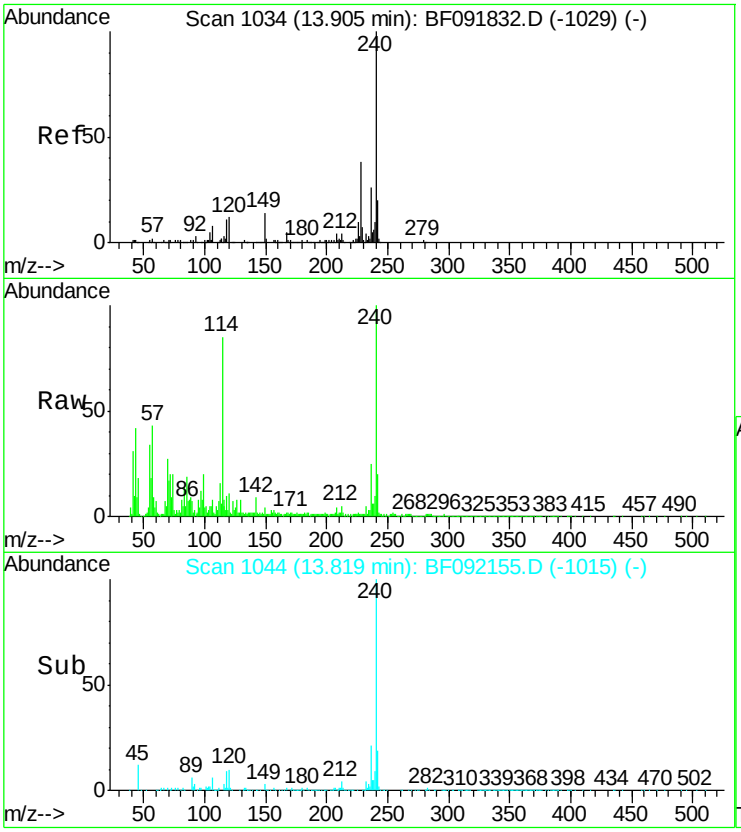


#74
Fluoranthene
Concen: Below Cal
RT: 12.40 min Scan# 920
Delta R.T. 0.03 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Tgt Ion:202 Resp: 5243

Ion	Ratio	Lower	Upper
202	100		
101	1238.5	0.0	34.6#
203	61.5	0.0	38.7#



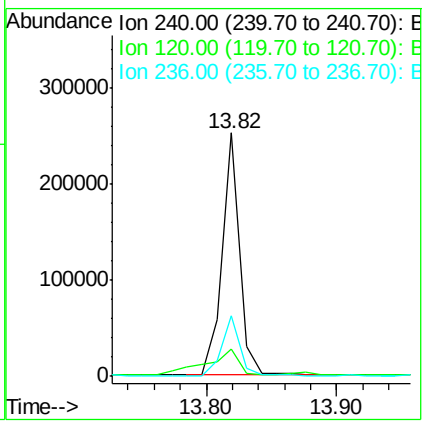


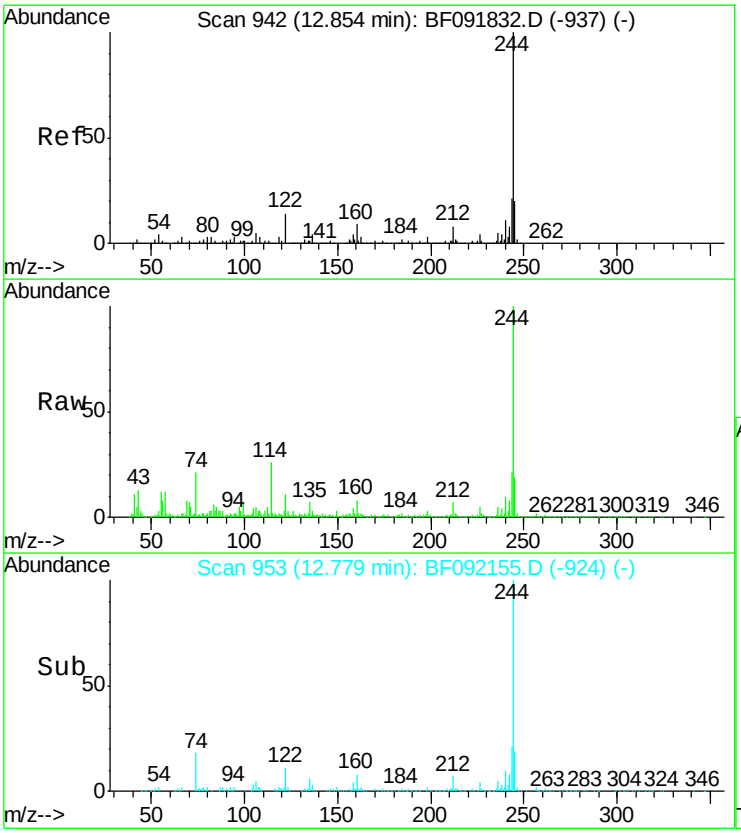
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1044
Delta R.T. 0.03 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion:240 Resp: 237428

Ion	Ratio	Lower	Upper
240	100		
120	11.0	12.9	19.3#
236	24.8	20.9	31.3

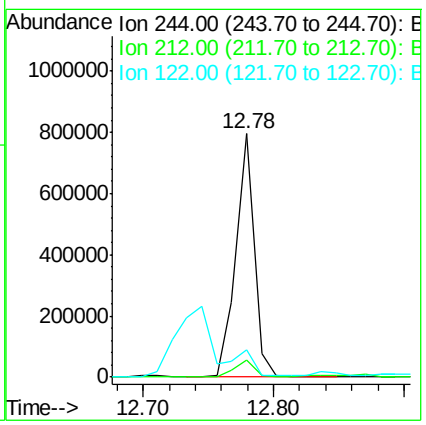


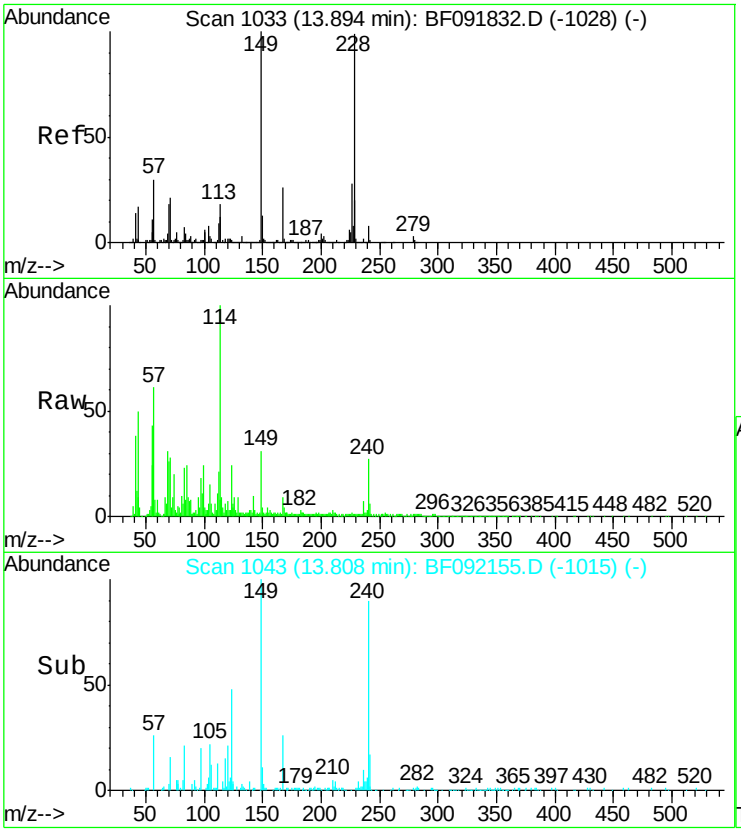


#78
Terphenyl-d14
Concen: 79.04 ng
RT: 12.78 min Scan# 953
Delta R.T. 0.03 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Tgt Ion:244 Resp: 773765

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	11.5	11.4	17.2



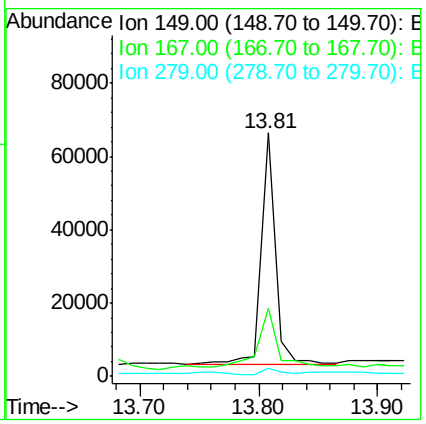


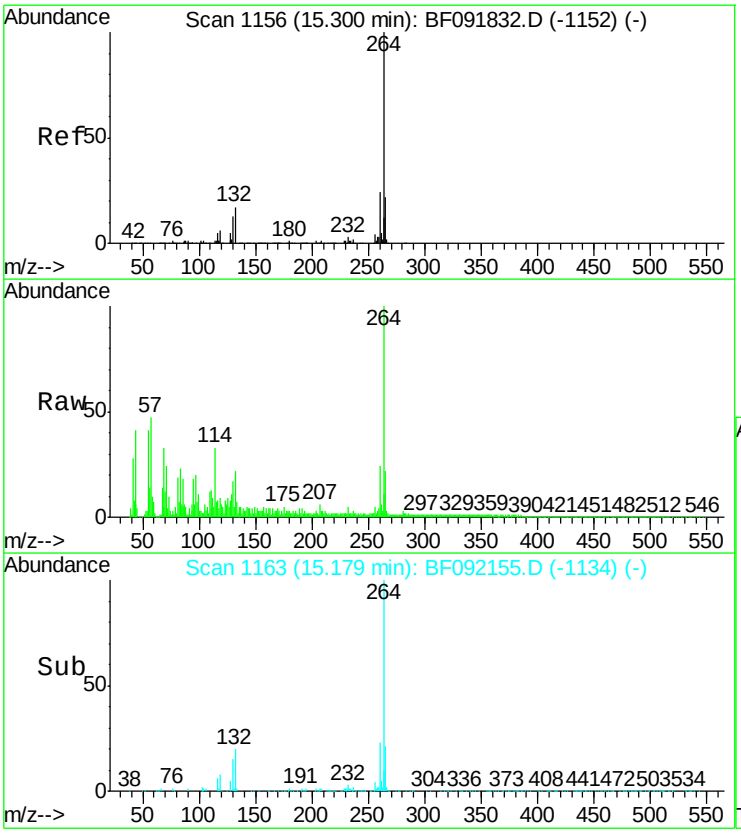
#83
Bis(2-ethylhexyl)phthalate
Concen: 5.64 ng
RT: 13.81 min Scan# 1043
Delta R.T. 0.02 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion:149 Resp: 52656

Ion	Ratio	Lower	Upper
149	100		
167	28.1	20.2	30.4
279	3.3	1.8	2.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1163
Delta R.T. 0.03 min
Lab File: BF092155.D
Acq: 9 Jan 2017 23:16

Tgt Ion:264 Resp: 181929

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