Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
Data File : BF087734.D
Acq On : 6 Jun 2016 4:21
Operator : UM/SJ
Sample : H3397-02
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFFWW

Quant Time: Jun 06 04:52:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	106410	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	389202	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	196440	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	283499	20.00	ng		0.00
75) Chrysene-d12	14.03	240	220131	20.00	ng		0.01
86) Perylene-d12	15.46	264	217135	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	77331	11.75	ng		0.01
7) Phenol-d6	6.51	99	244093	29.56	ng		0.02
23) Nitrobenzene-d5	7.43	82	570585	84.82	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	159814	81.05	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1127884	89.76	ng		0.00
78) Terphenyl-d14	12.99	244	294412	32.64	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	162856	51.18	ng	#	31
15) Benzyl Alcohol	7.04	79	48736	7.99	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	116195	22.53	ng	#	66
22) Acetophenone	7.28	105	25013	2.84	ng	#	95
24) Nitrobenzene	7.47	77	45903	6.82	ng	#	32
25) Isophorone	7.43	82	417112	34.06	ng	#	65
45) 1,1'-Biphenyl	9.32	154	33634	2.11	ng		97
48) Acenaphthylene	9.90	152	74390	3.76	ng	#	47
49) Dimethylphthalate	9.62	163	29892	2.09	ng		99
54) Dibenzofuran	9.94	168	146003	8.42	ng	#	64
56) 2,4-Dinitrotoluene	9.94	165	48395	11.70	ng	#	66
66) 4-Bromophenyl-phenylether	10.70	248	9777	3.48	ng	#	1
84) Di-n-octyl phthalate	14.71	149	967369	65.54	ng	#	100

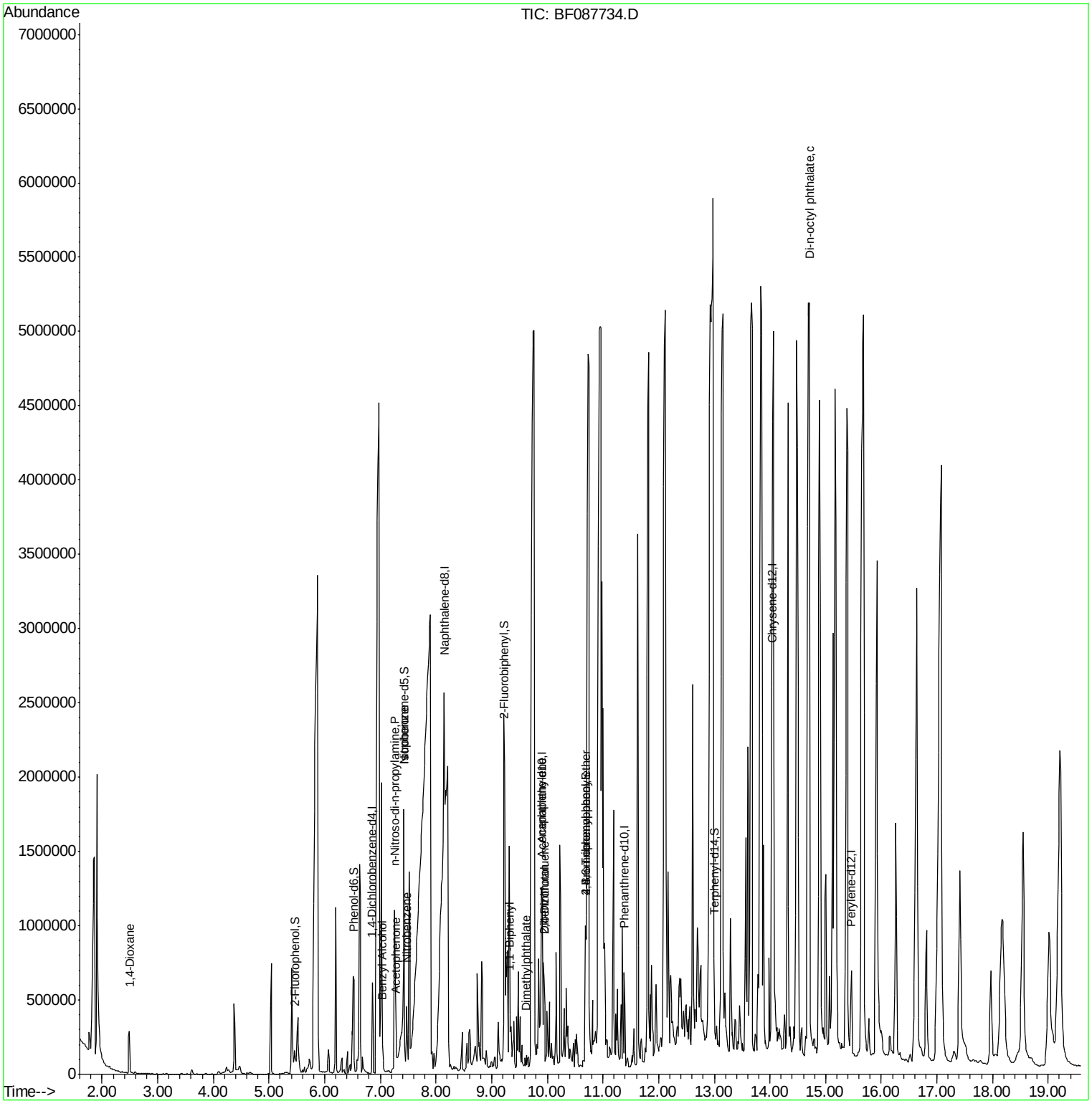
(#) = qualifier out of range (m) = manual integration (+) = signals summed

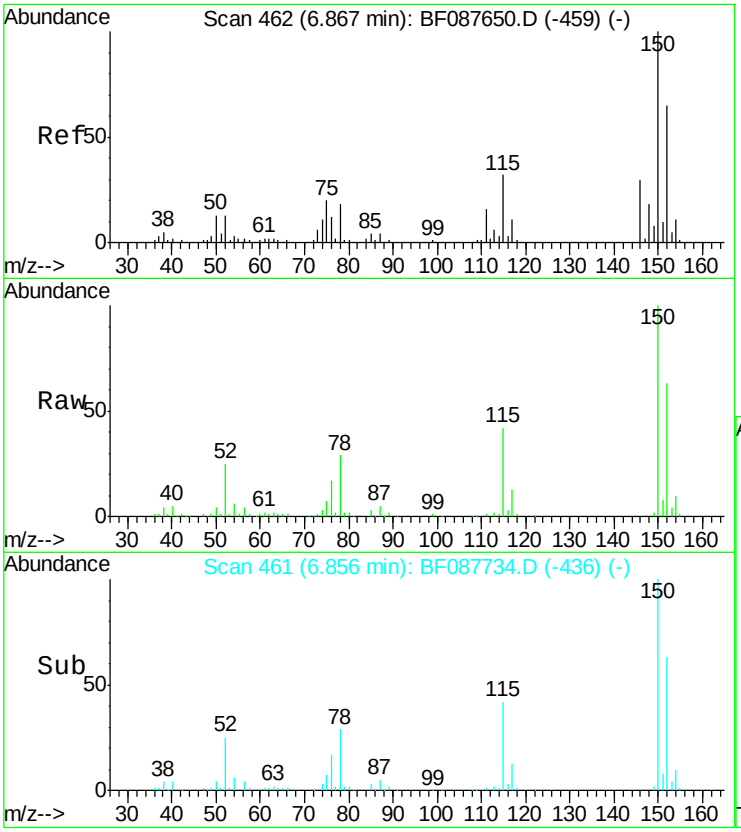
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
Data File : BF087734.D
Acq On : 6 Jun 2016 4:21
Operator : UM/SJ
Sample : H3397-02
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFFWW

Quant Time: Jun 06 04:52:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration



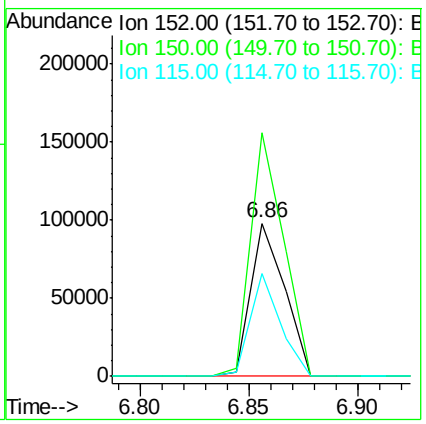


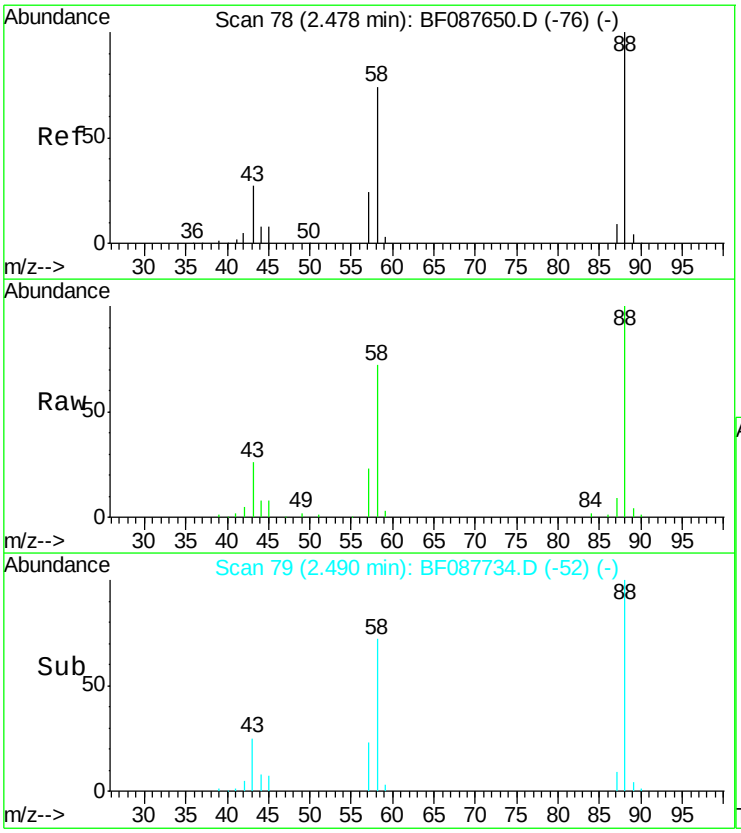
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tgt Ion:152 Resp: 106410

Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.8	185.6
115	67.2	39.6	59.4#

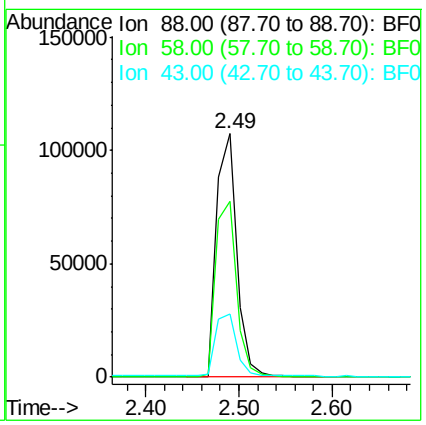


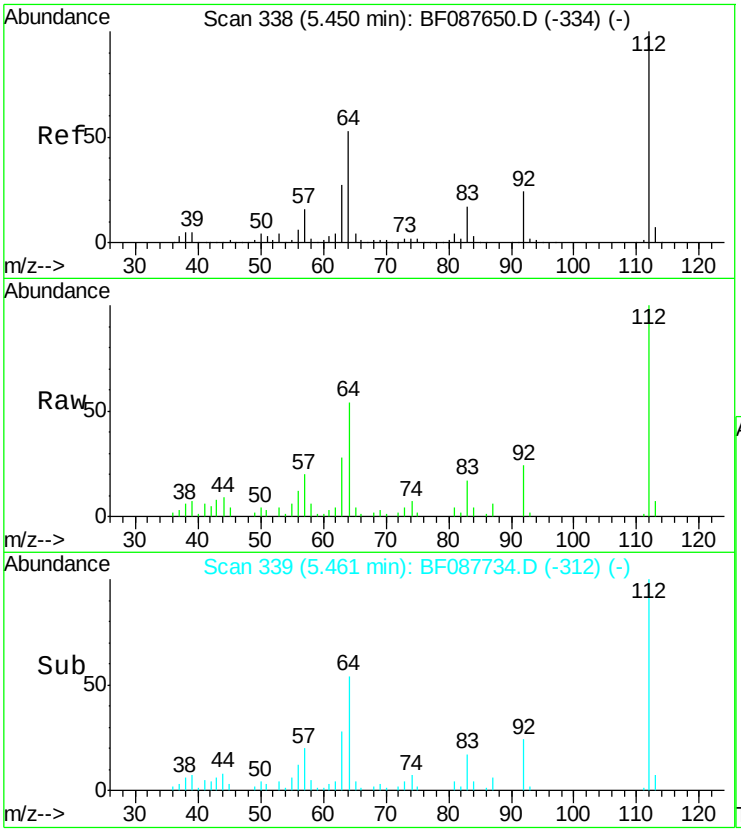


#2
1,4-Dioxane
Concen: 51.18 ng
RT: 2.49 min Scan# 79
Delta R.T. 0.01 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Tgt Ion: 88 Resp: 162856

Ion	Ratio	Lower	Upper
88	100		
58	73.9	0.0	0.0#
43	27.1	3.4	5.2#



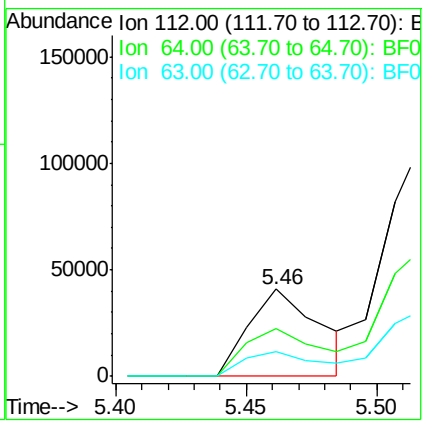


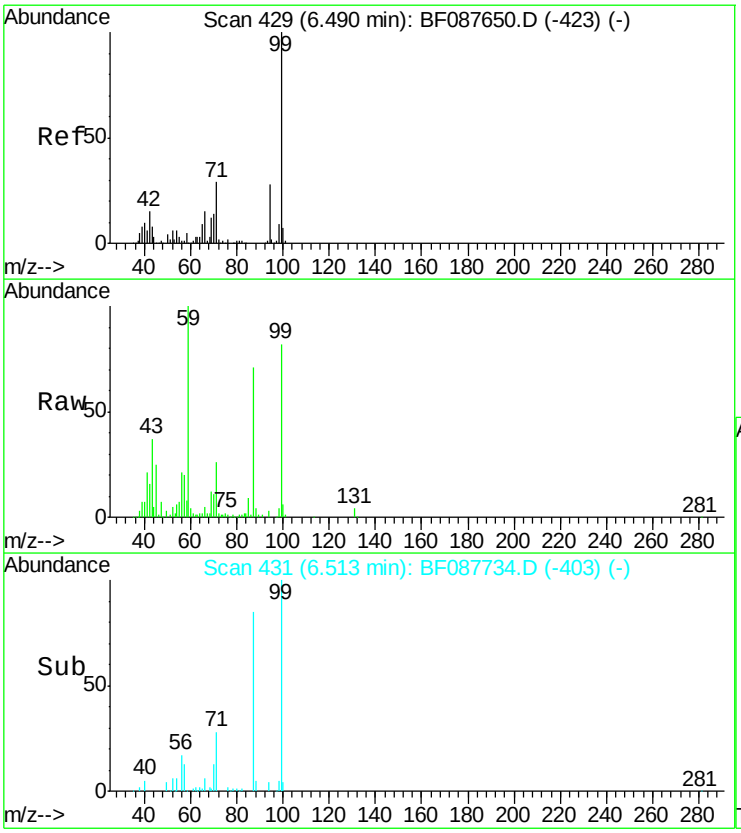
#5
2-Fluorophenol
Concen: 11.75 ng
RT: 5.46 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tgt Ion:112 Resp: 77331

Ion	Ratio	Lower	Upper
112	100		
64	54.3	42.2	63.2
63	28.0	21.8	32.8

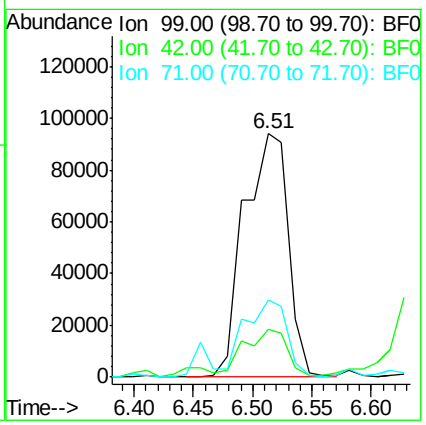


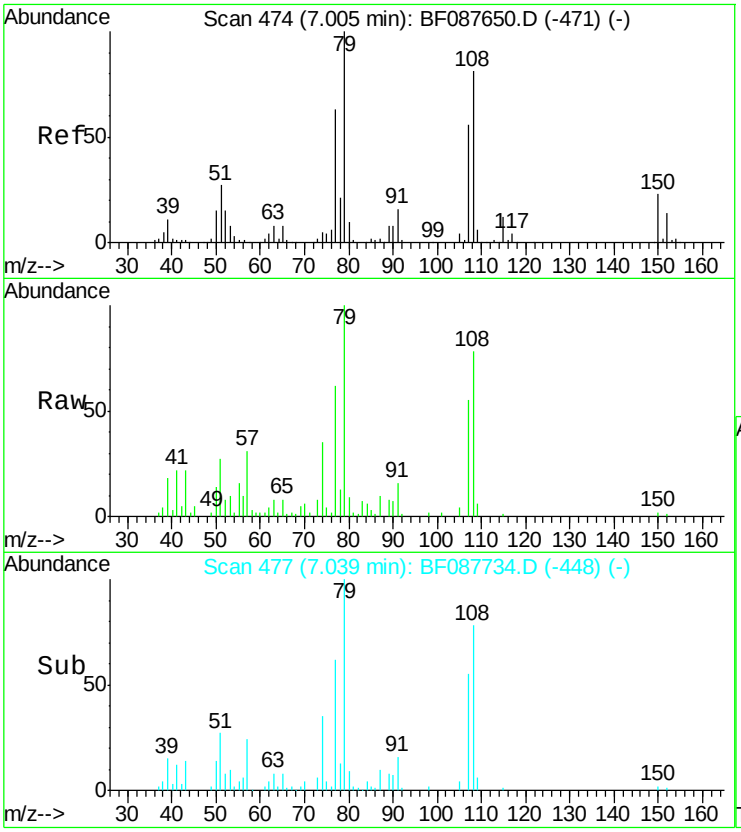


#7
Phenol-d6
Concen: 29.56 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.02 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Tgt Ion: 99 Resp: 244093

Ion	Ratio	Lower	Upper
99	100		
42	19.7	12.2	18.2#
71	31.7	23.4	35.0



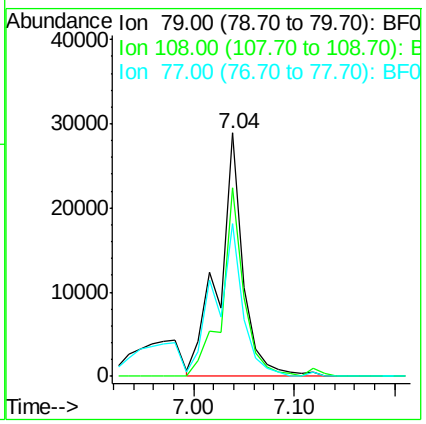


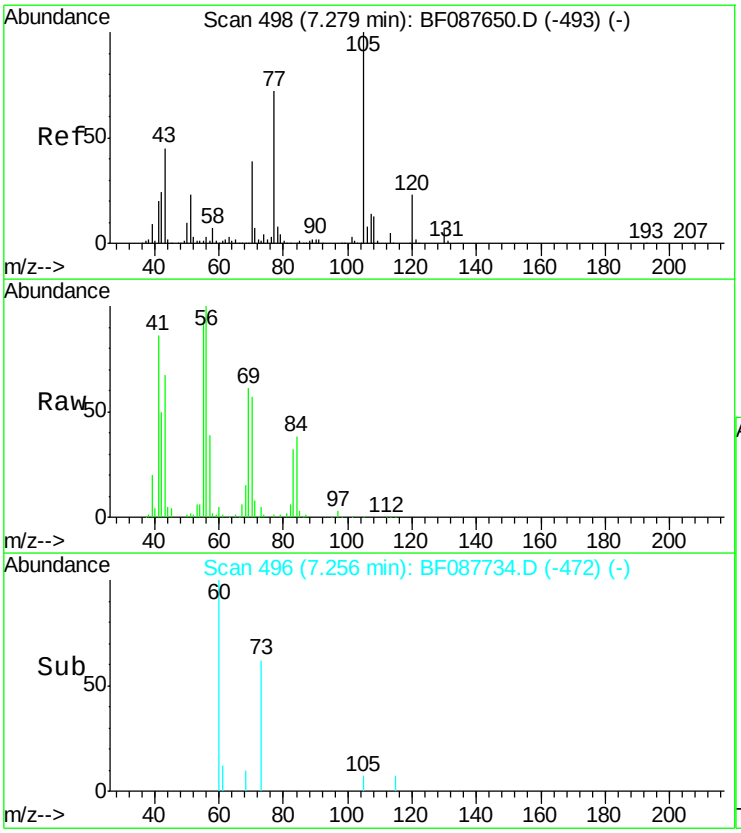
#15
Benzyl Alcohol
Concen: 7.99 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.03 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tgt Ion: 79 Resp: 48736

Ion	Ratio	Lower	Upper
79	100		
108	77.6	65.0	97.6
77	62.5	50.3	75.5

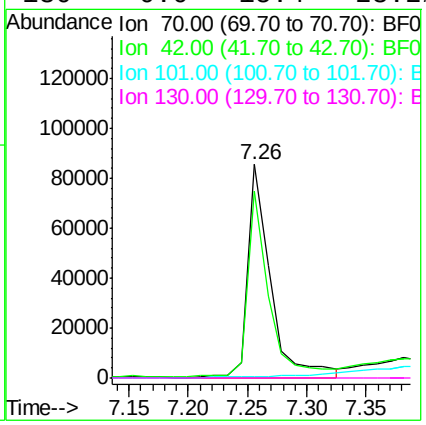


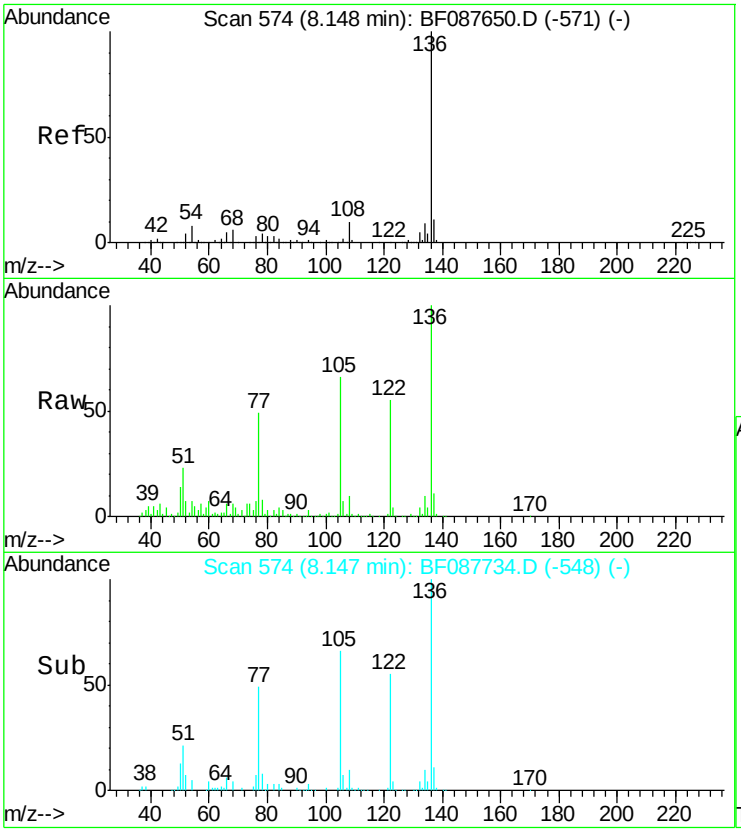


#19
n-Nitroso-di-n-propylamine
Concen: 22.53 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Tgt Ion: 70 Resp: 116195

Ion	Ratio	Lower	Upper
70	100		
42	87.7	49.6	74.4#
101	0.6	7.1	10.7#
130	0.0	15.4	23.2#



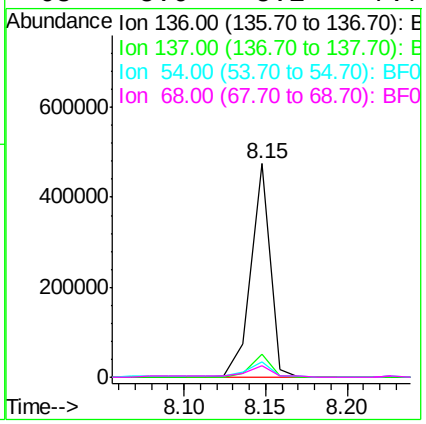


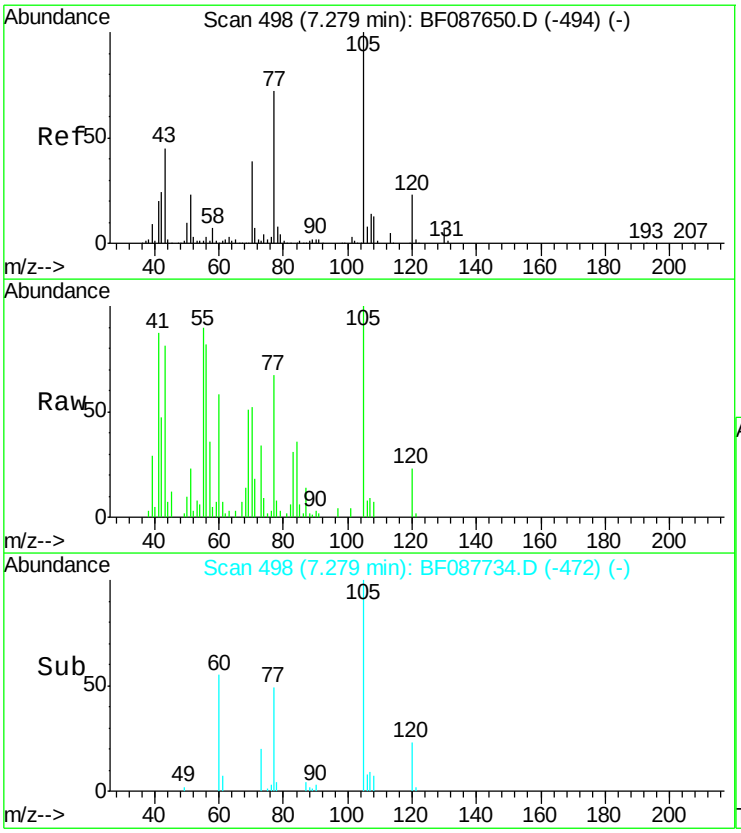
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tgt Ion:136 Resp: 389202

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.0	6.6	10.0
68	5.6	5.1	7.7

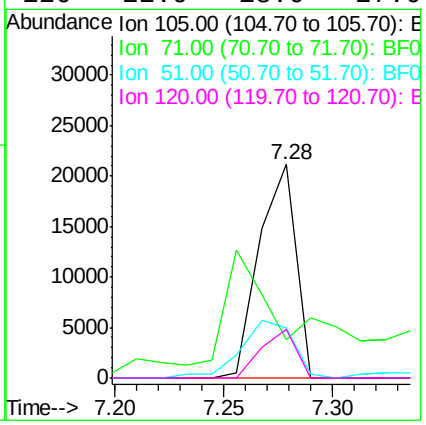


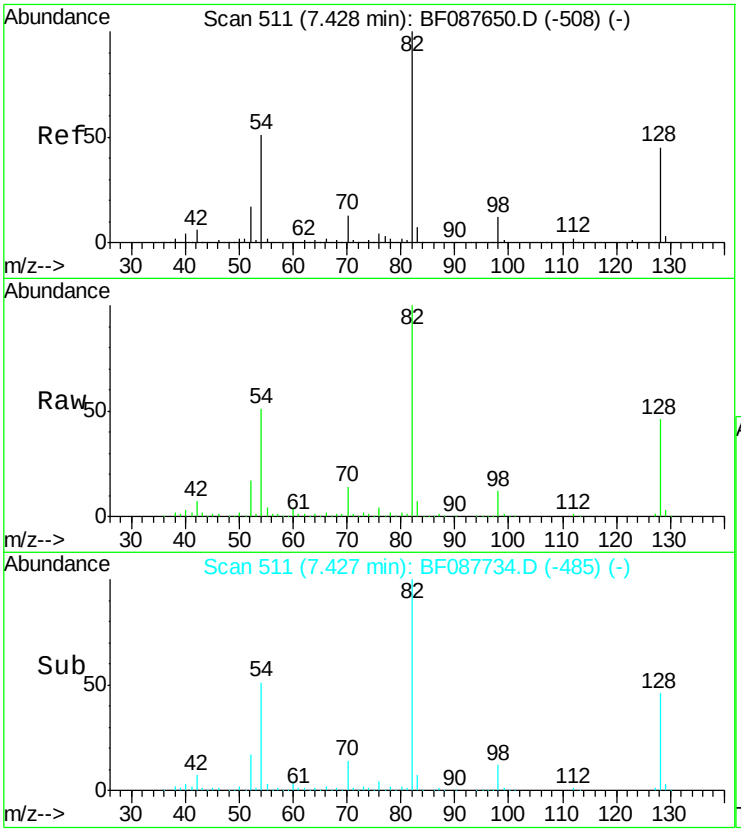


#22
Acetophenone
Concen: 2.84 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Tgt Ion:105 Resp: 25013

Ion	Ratio	Lower	Upper
105	100		
71	18.1	5.3	7.9#
51	23.1	18.2	27.4
120	22.9	18.0	27.0



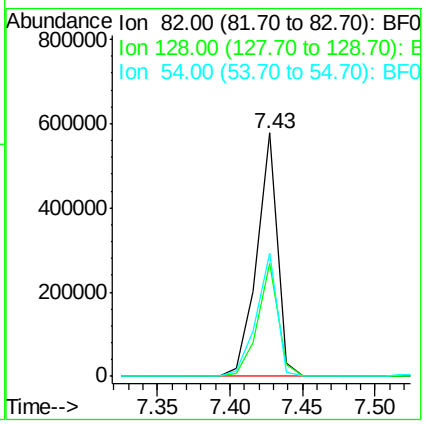


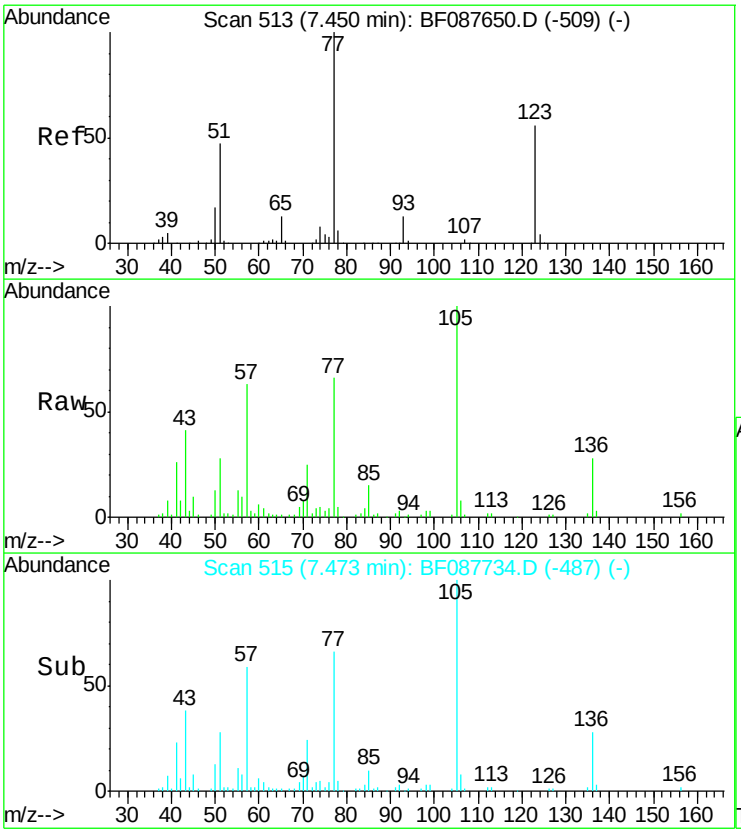
#23
Nitrobenzene-d5
Concen: 84.82 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tgt Ion: 82 Resp: 570585

Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.9	53.9
54	50.7	40.9	61.3

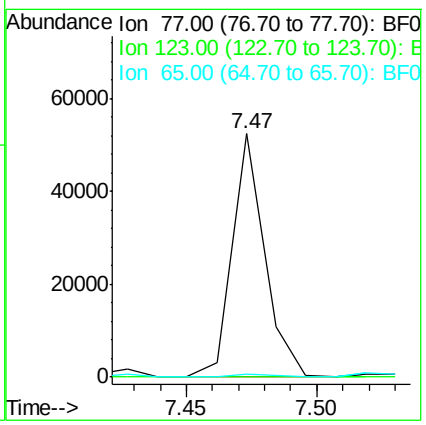


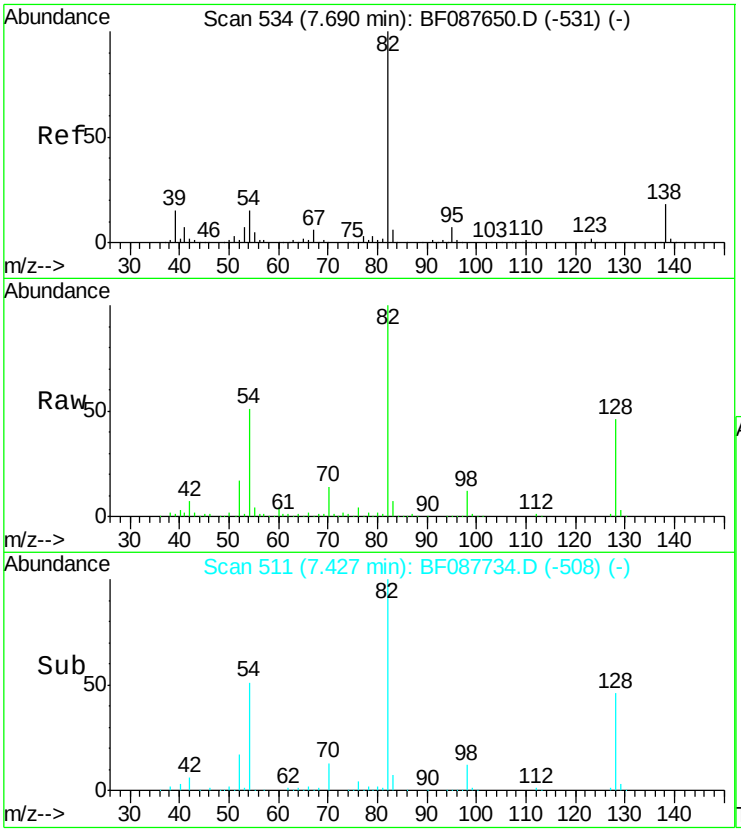


#24
Nitrobenzene
Concen: 6.82 ng
RT: 7.47 min Scan# 515
Delta R.T. 0.02 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Tgt Ion: 77 Resp: 45903

Ion	Ratio	Lower	Upper
77	100		
123	0.0	45.0	67.4#
65	1.5	10.2	15.2#



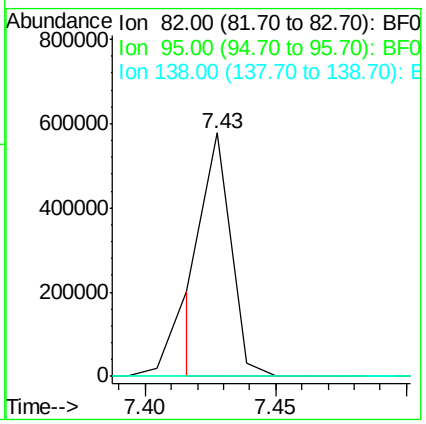


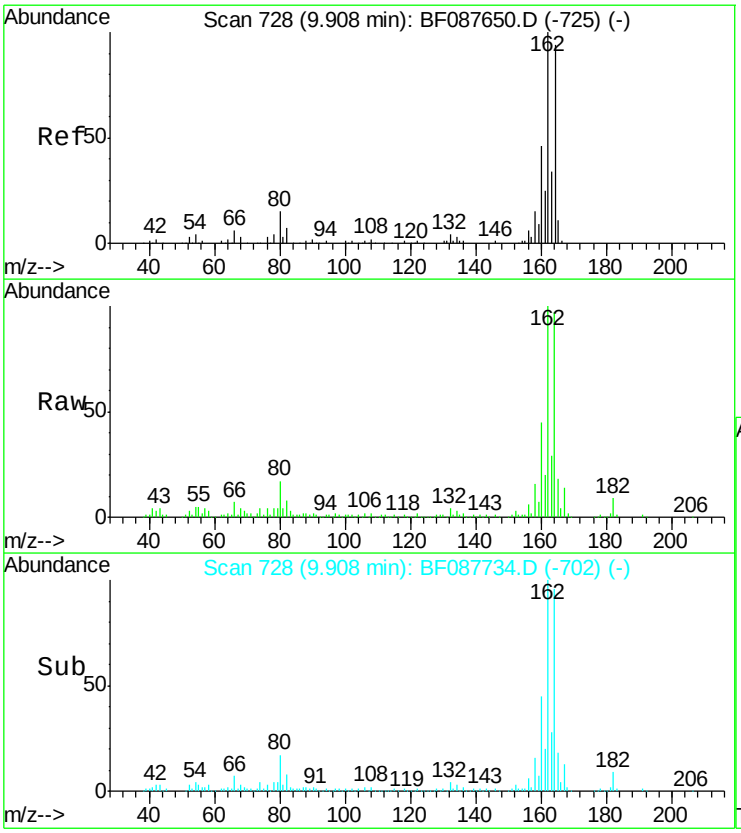
#25
Isophorone
Concen: 34.06 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.26 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tgt Ion: 82 Resp: 417112

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	14.6	21.8#

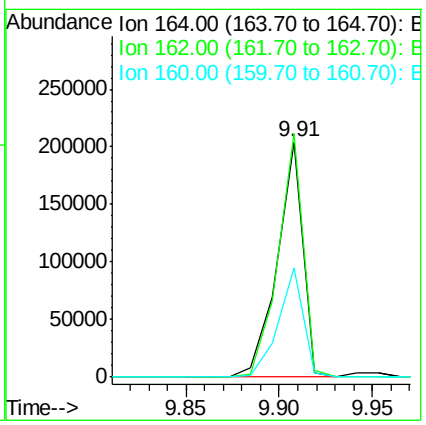


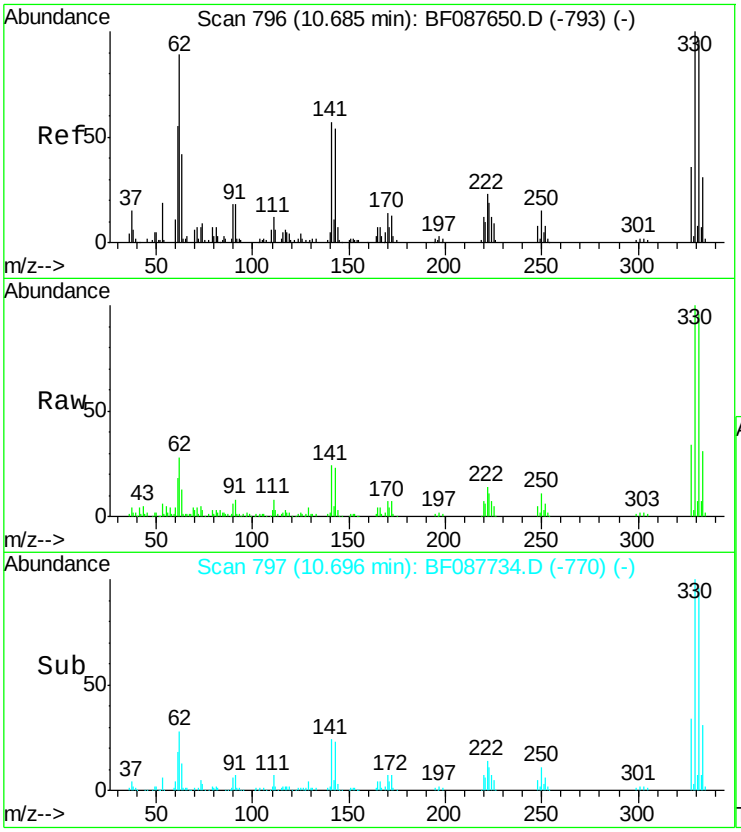


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Tgt Ion:164 Resp: 196440

Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.4	128.2
160	46.5	39.5	59.3



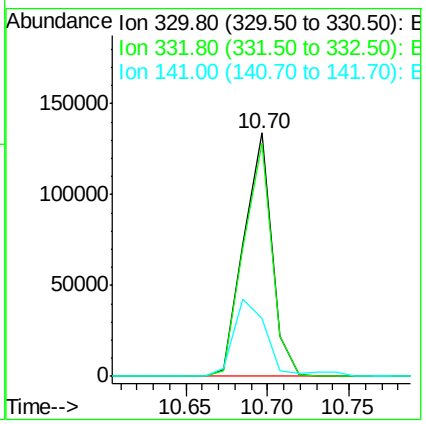


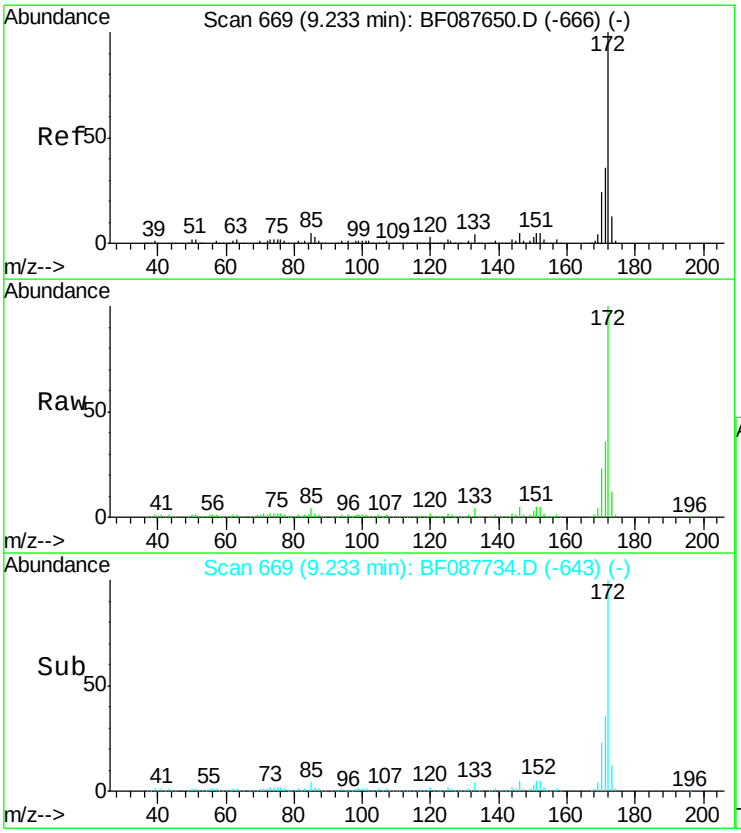
#41
2,4,6-Tribromophenol
Concen: 81.05 ng
RT: 10.70 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tgt Ion:330 Resp: 159814

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	38.6	0.0	0.0#

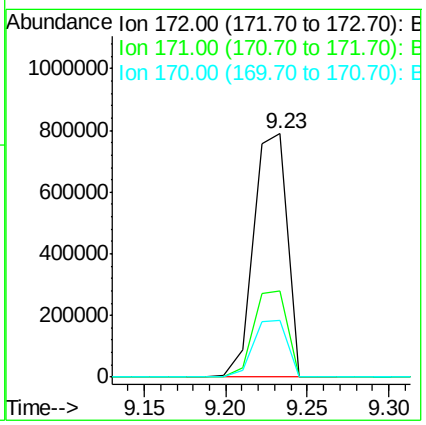


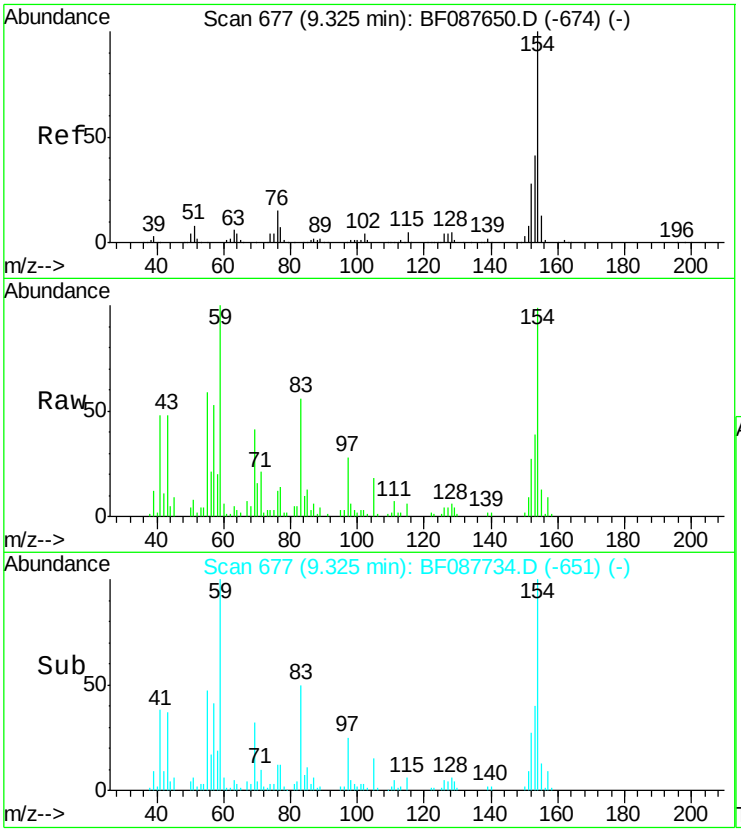


#44
2-Fluorobiphenyl
Concen: 89.76 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Tgt Ion:172 Resp: 1127884

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.3	19.2	28.8



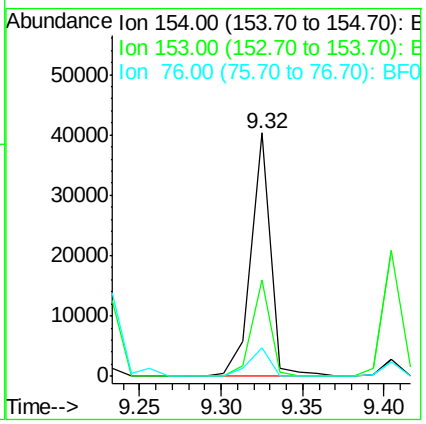


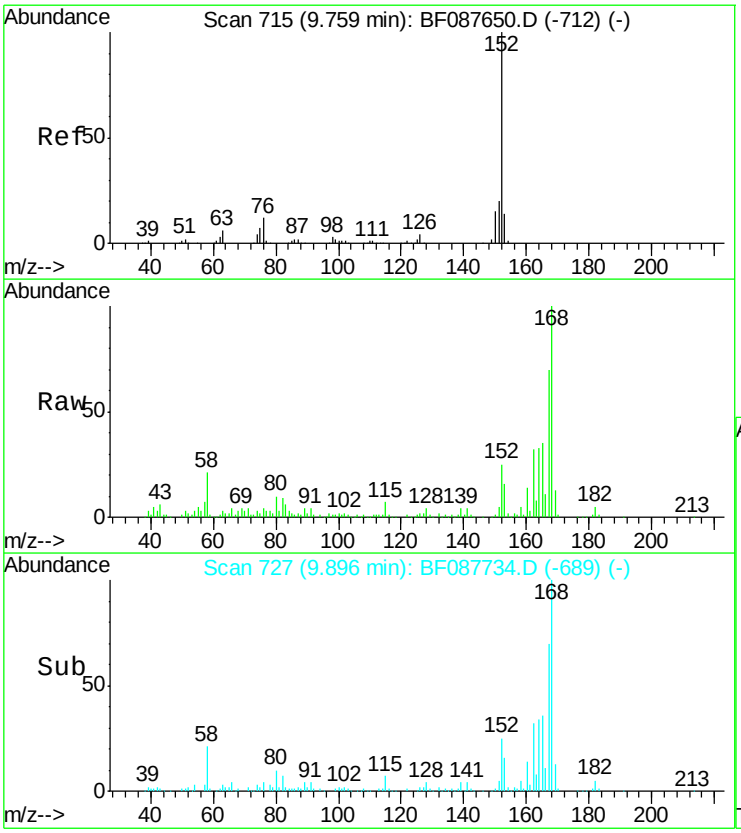
#45
1,1'-Biphenyl
Concen: 2.11 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tgt Ion:154 Resp: 33634

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.6	60.6
76	11.7	0.0	35.1

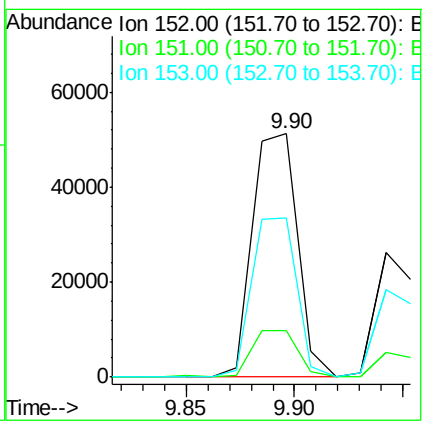


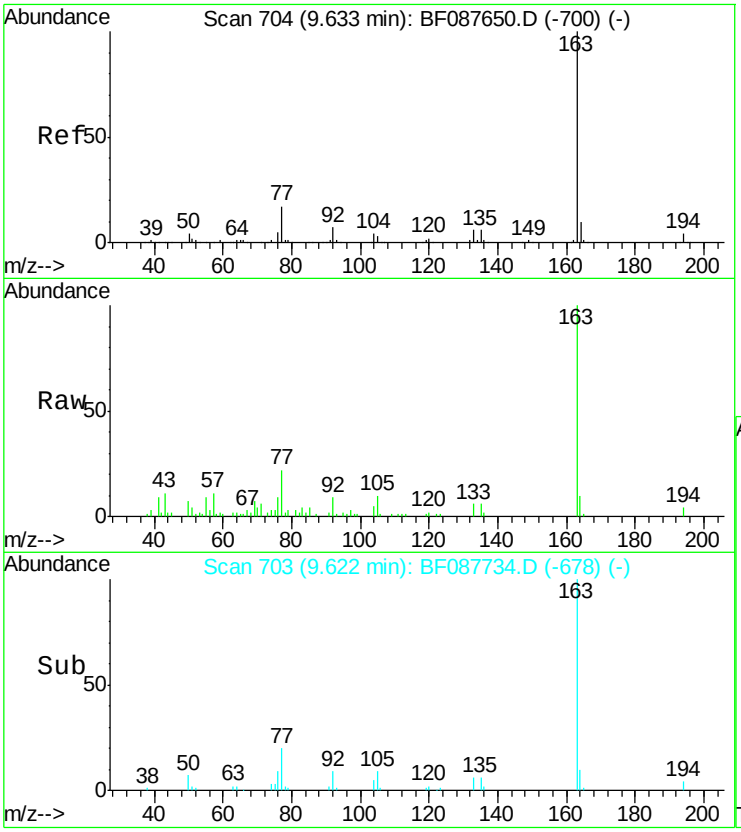


#48
Acenaphthylene
Concen: 3.76 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.14 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Tgt Ion:152 Resp: 74390

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.4
153	65.2	11.0	16.6#



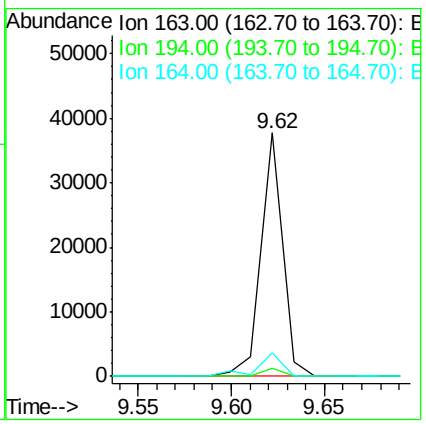


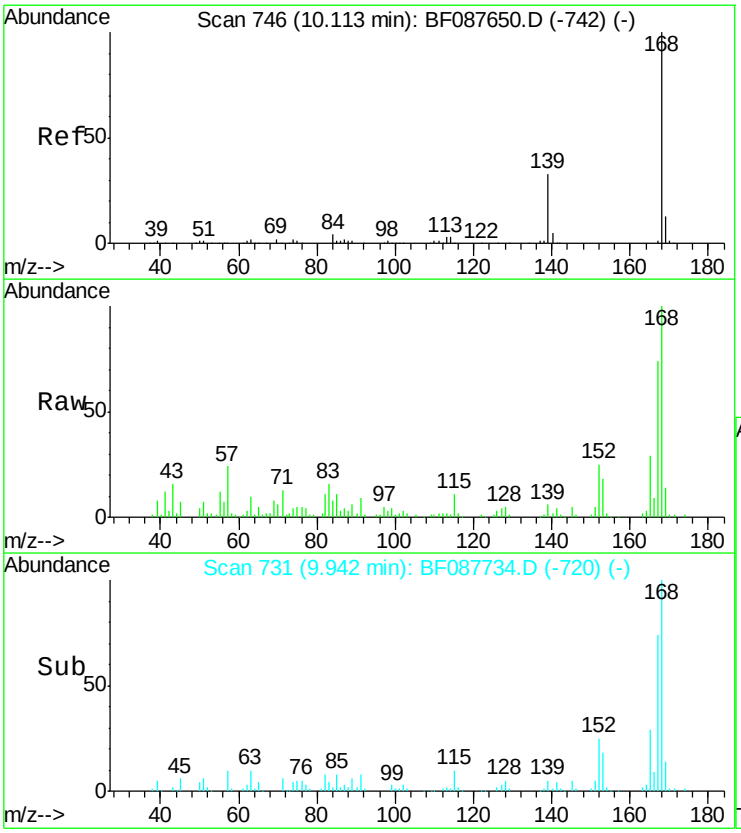
#49
Dimethylphthalate
Concen: 2.09 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tgt Ion:163 Resp: 29892

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.7	8.3	12.5

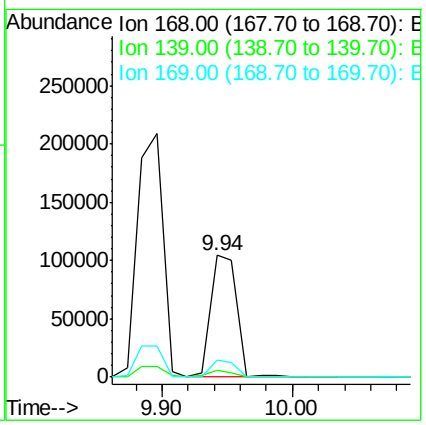


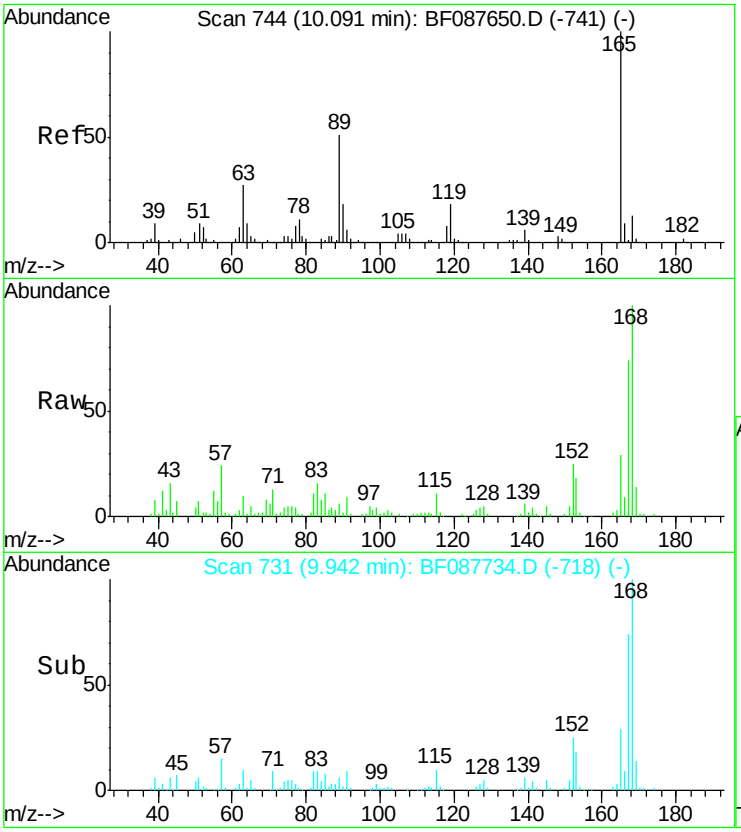


#54
Dibenzofuran
Concen: 8.42 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.17 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Tgt Ion:168 Resp: 146003

Ion	Ratio	Lower	Upper
168	100		
139	5.5	26.4	39.6#
169	13.9	10.4	15.6



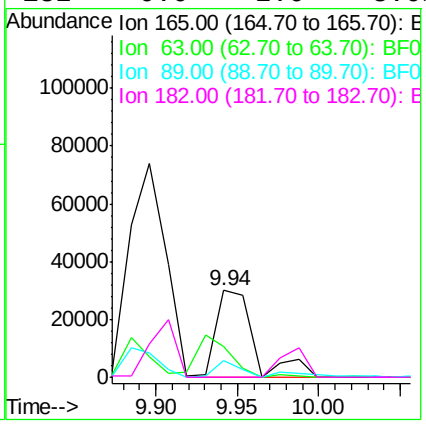


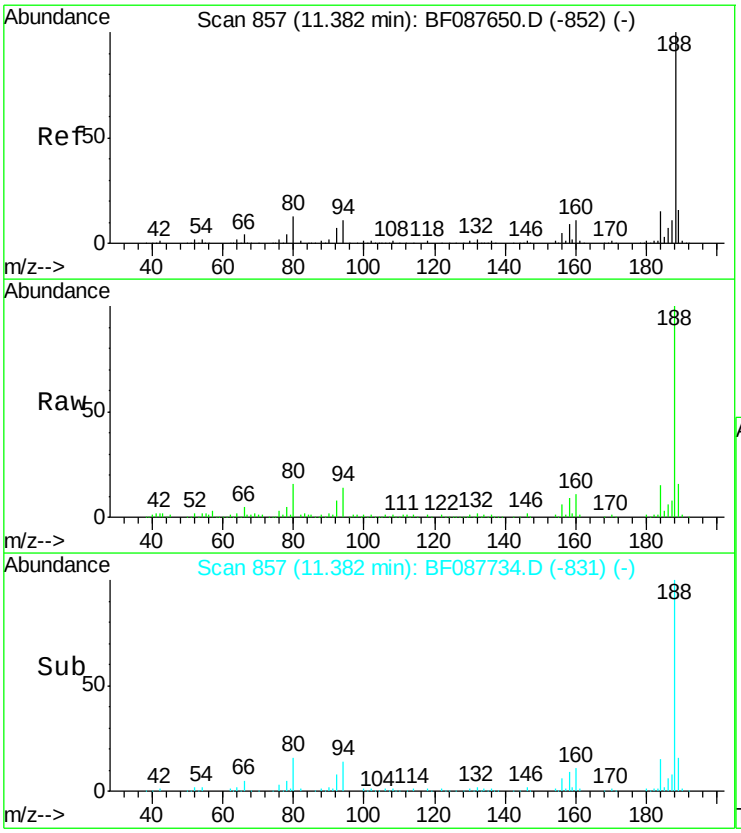
#56
2,4-Dinitrotoluene
Concen: 11.70 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.15 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tgt Ion:165 Resp: 48395

Ion	Ratio	Lower	Upper
165	100		
63	34.7	22.0	33.0#
89	19.4	41.1	61.7#
182	0.0	2.0	3.0#

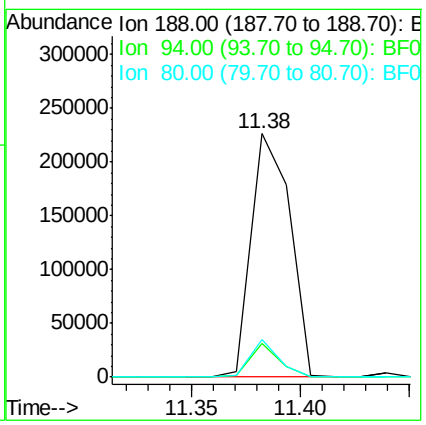


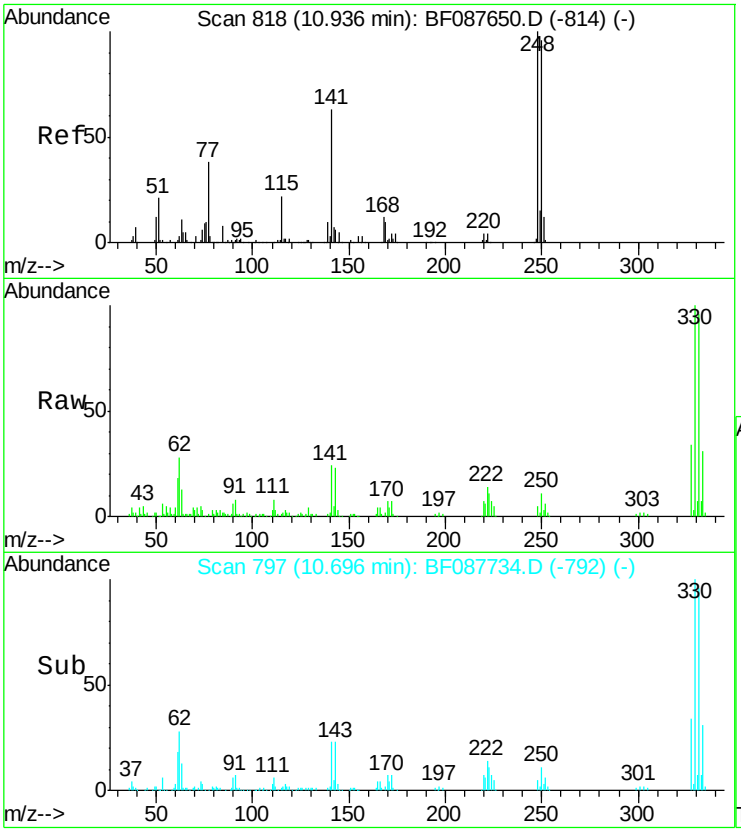


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Tgt Ion:188 Resp: 283499

Ion	Ratio	Lower	Upper
188	100		
94	14.1	9.0	13.6#
80	15.5	10.0	15.0#



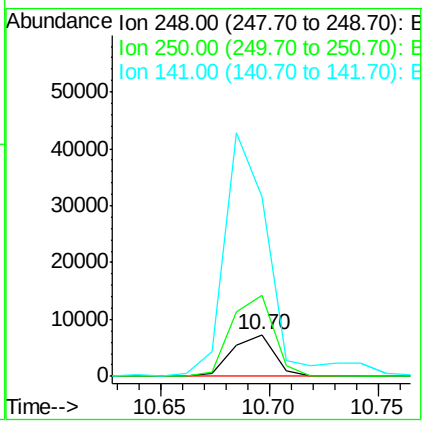


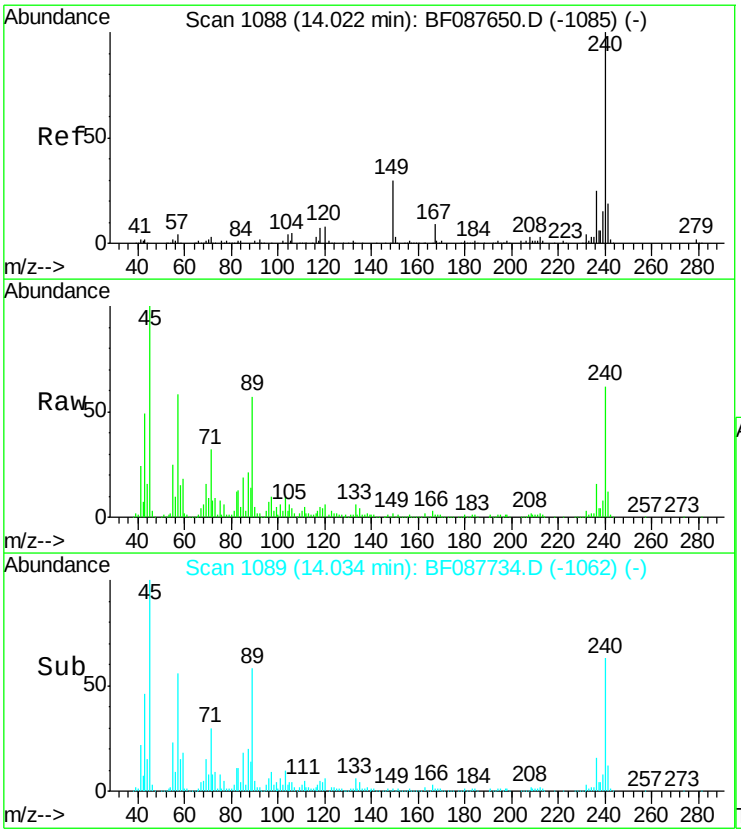
#66
4-Bromophenyl-phenylether
Concen: 3.48 ng
RT: 10.70 min Scan# 797
Delta R.T. -0.24 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tgt Ion:248 Resp: 9777

Ion	Ratio	Lower	Upper
248	100		
250	195.0	77.1	115.7#
141	433.0	50.6	76.0#

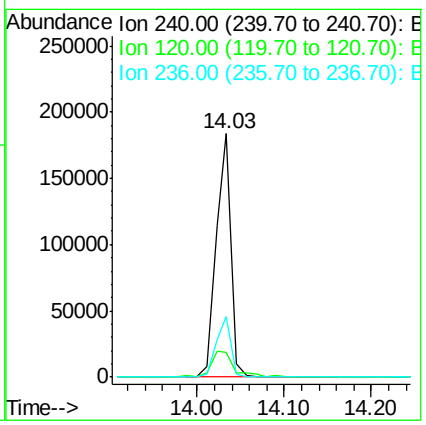


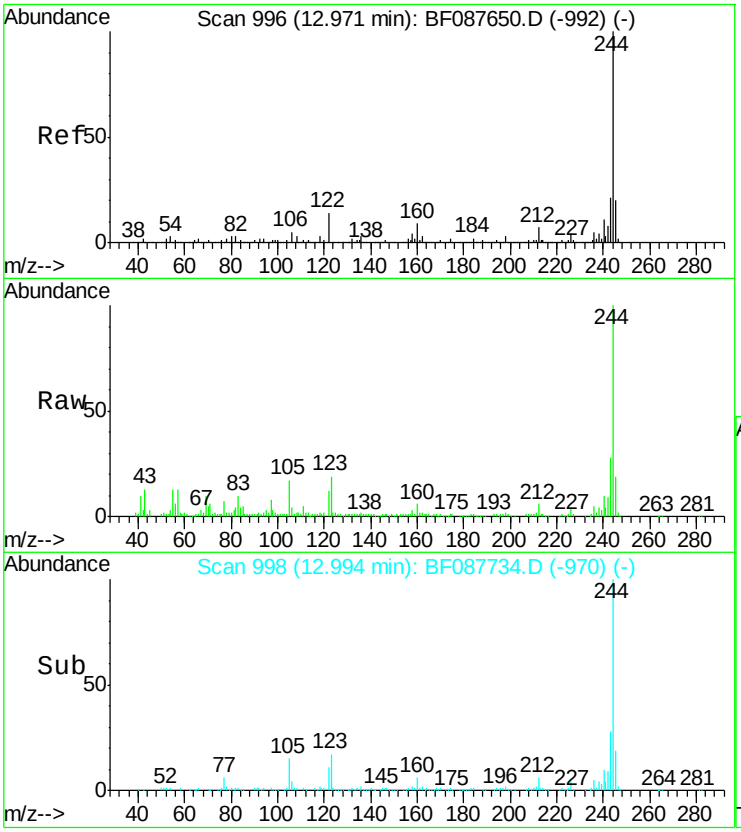


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1089
Delta R.T. 0.01 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Tgt Ion:240 Resp: 220131

Ion	Ratio	Lower	Upper
240	100		
120	10.0	6.8	10.2
236	25.1	20.2	30.2



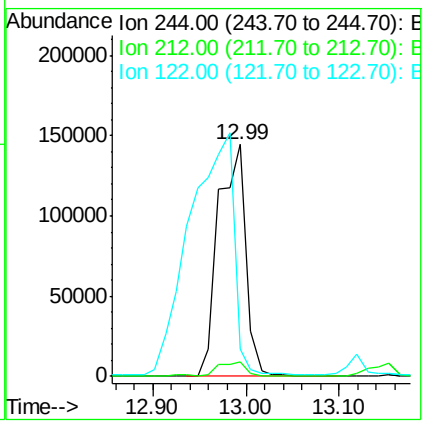


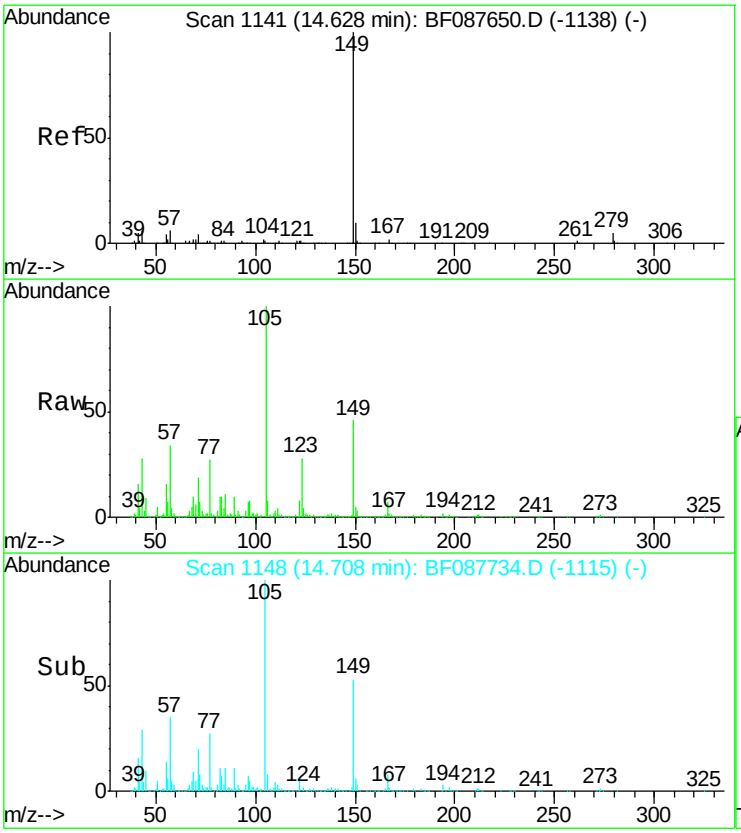
#78
Terphenyl-d14
Concen: 32.64 ng
RT: 12.99 min Scan# 998
Delta R.T. 0.02 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tgt Ion:244 Resp: 294412

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	11.6	11.2	16.8

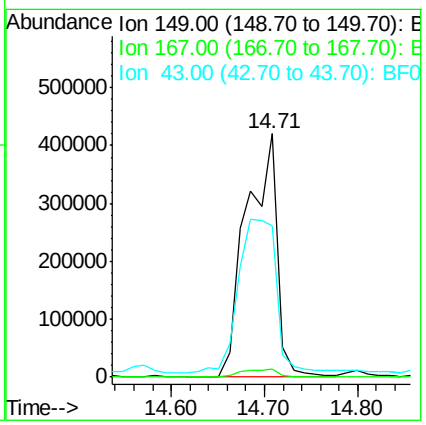


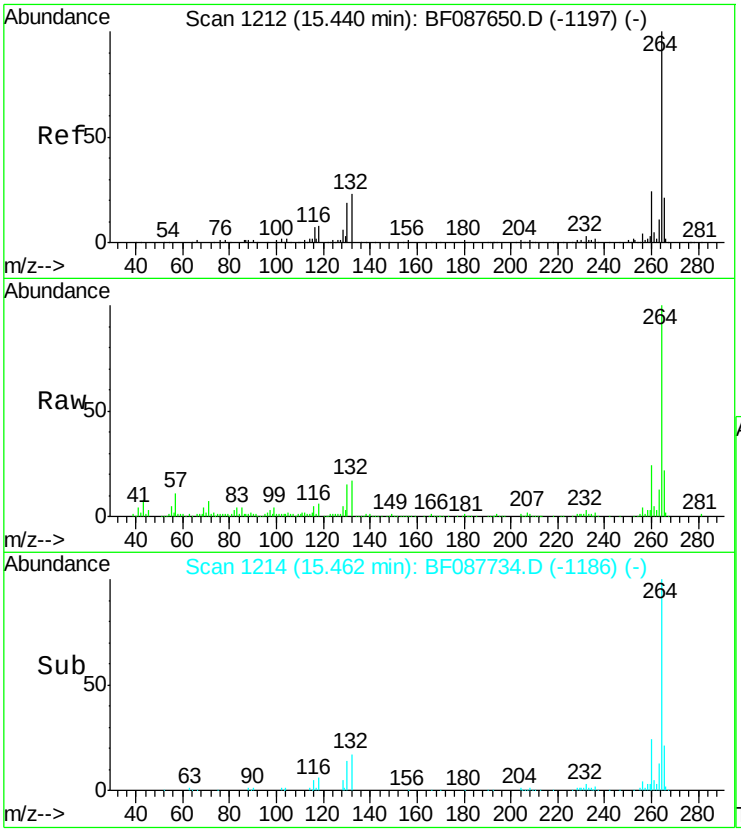


#84
Di-n-octyl phthalate
Concen: 65.54 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.08 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Tgt Ion:149 Resp: 967369

Ion	Ratio	Lower	Upper
149	100		
167	3.9	0.0	0.0#
43	0.0	0.0	0.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tgt Ion:264 Resp: 217135

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	16.9	25.3