Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087605.D
Acq On : 1 Jun 2016 4:54
Operator : UM/SJ
Sample : H3303-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3GW

Quant Time: Jun 01 05:36:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 01 03:17:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	116394	20.00	ng		0.00
21) Naphthalene-d8	9.47	136	446951	20.00	ng		0.00
38) Acenaphthene-d10	12.31	164	210088	20.00	ng		0.00
63) Phenanthrene-d10	14.71	188	395238	20.00	ng		0.00
75) Chrysene-d12	18.42	240	301194	20.00	ng		0.00
86) Perylene-d12	20.11	264	210755	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	551139	83.20	ng		0.00
7) Phenol-d6	7.02	99	511245	57.12	ng		0.00
23) Nitrobenzene-d5	8.36	82	799767	90.18	ng		-0.01
41) 2,4,6-Tribromophenol	13.61	330	309863	153.48	ng		0.00
44) 2-Fluorobiphenyl	11.26	172	1289875	86.56	ng		0.00
78) Terphenyl-d14	17.06	244	1173578	82.84	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	9.51	128	2057286	91.86	ng		98
37) 2-Methylnaphthalene	10.65	142	2699939	192.97	ng	#	94
45) 1,1'-Biphenyl	11.40	154	204252	11.55	ng		97
49) Dimethylphthalate	11.95	163	64332	3.82	ng	#	83
51) Acenaphthene	12.35	154	77124	5.86	ng		95
54) Dibenzofuran	12.66	168	119140	6.68	ng	#	71
57) Fluorene	13.20	166	124624	8.06	ng	#	91
70) Phenanthrene	14.75	178	216923	9.91	ng		98

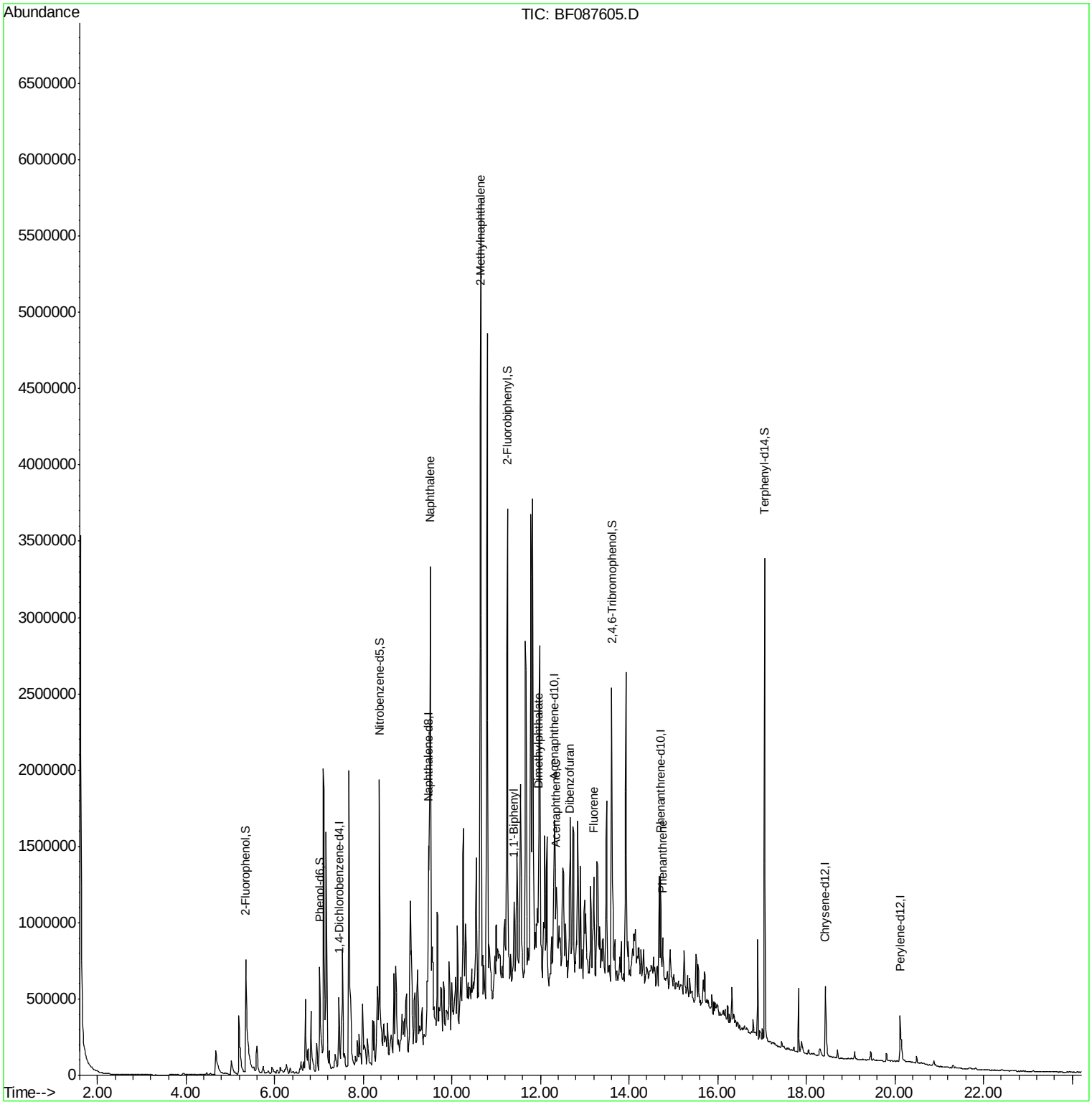
(#) = qualifier out of range (m) = manual integration (+) = signals summed

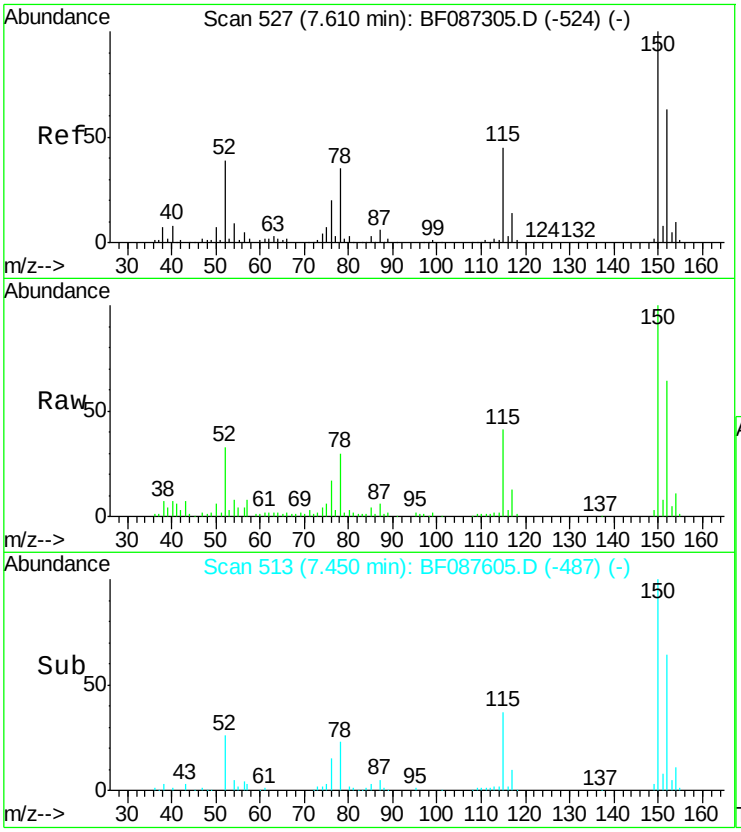
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087605.D
Acq On : 1 Jun 2016 4:54
Operator : UM/SJ
Sample : H3303-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3GW

Quant Time: Jun 01 05:36:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 01 03:17:16 2016
Response via : Initial Calibration



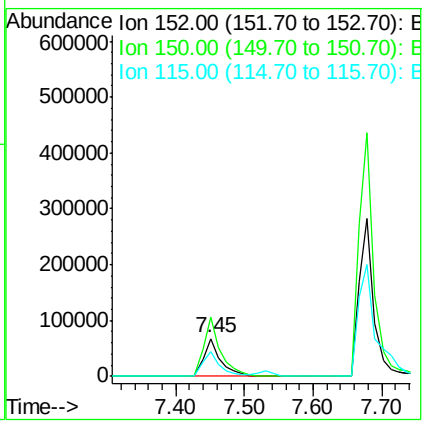


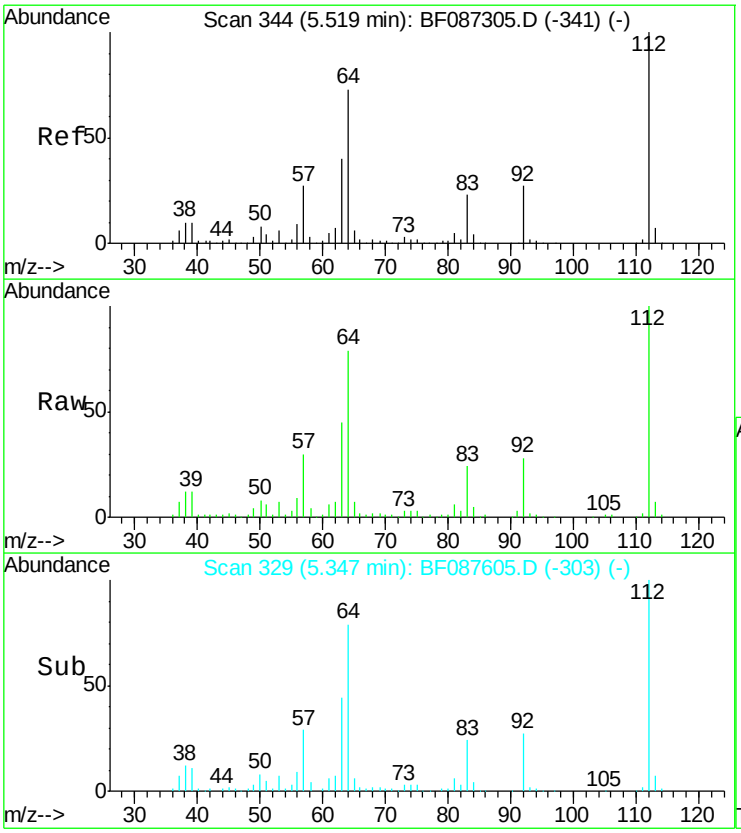
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF087605.D
Acq: 1 Jun 2016 4:54

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:152 Resp: 116394

Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.8	188.6
115	64.5	51.5	77.3

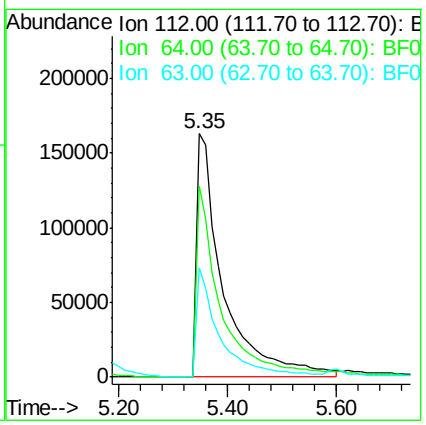


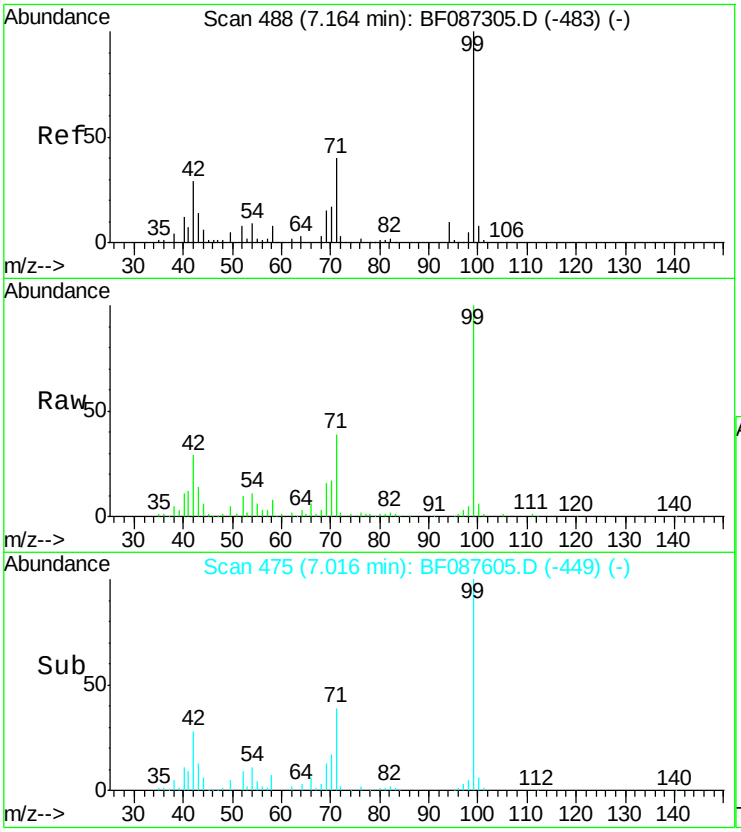


#5
2-Fluorophenol
Concen: 83.20 ng
RT: 5.35 min Scan# 329
Delta R.T. 0.00 min
Lab File: BF087605.D
Acq: 1 Jun 2016 4:54

Tgt Ion:112 Resp: 551139

Ion	Ratio	Lower	Upper
112	100		
64	78.6	52.1	78.1#
63	44.9	25.7	38.5#



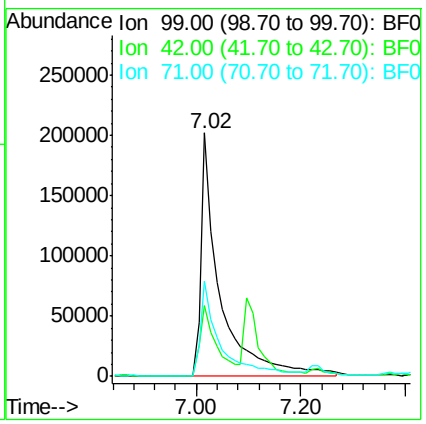


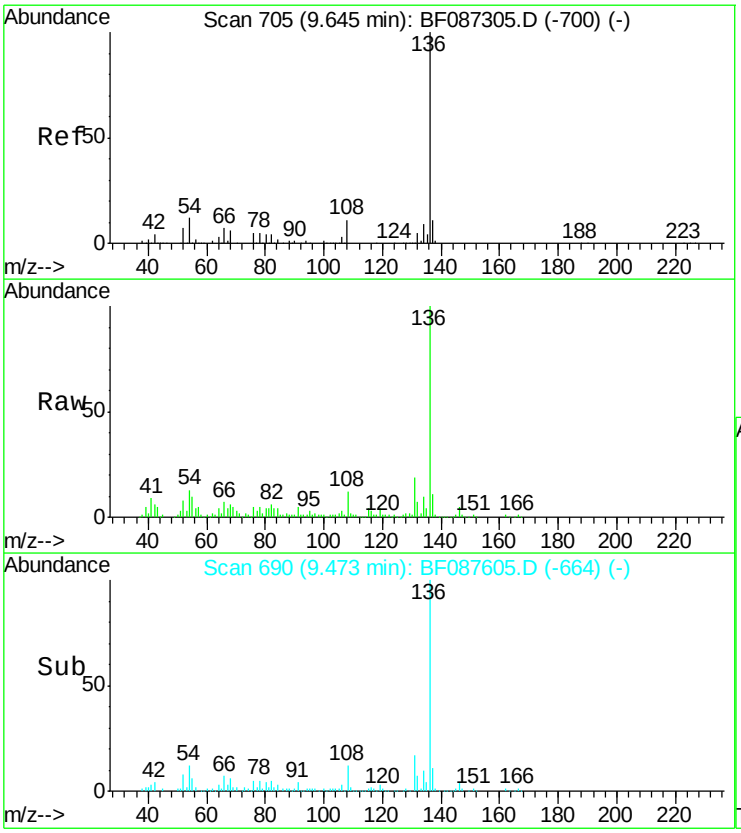
#7
Phenol-d6
Concen: 57.12 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF087605.D
Acq: 1 Jun 2016 4:54

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion: 99 Resp: 511245

Ion	Ratio	Lower	Upper
99	100		
42	28.9	13.6	20.4#
71	39.3	24.6	36.8#

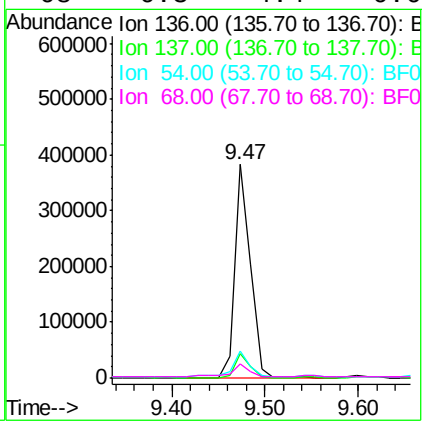


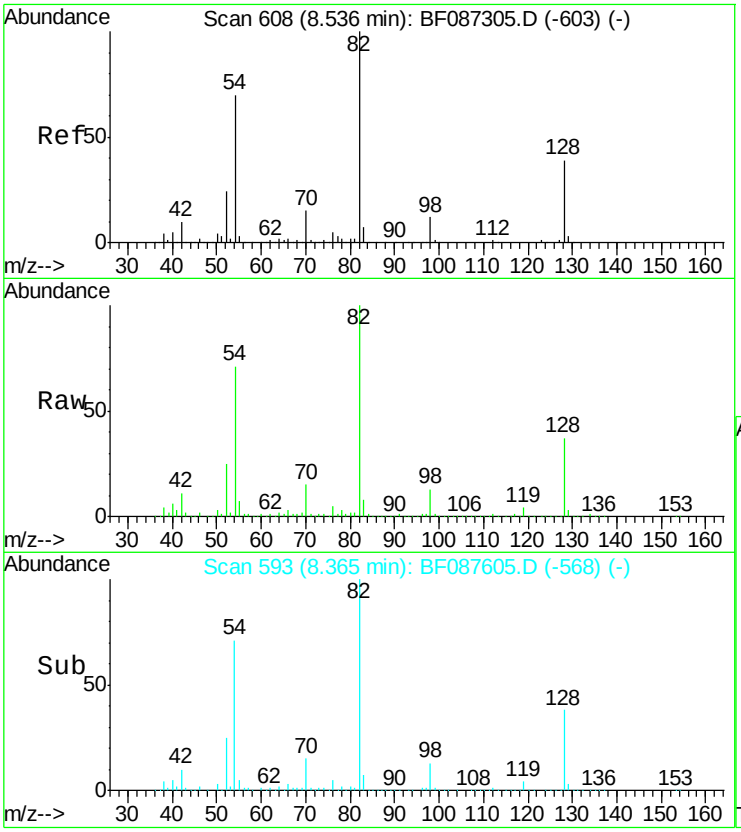


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF087605.D
Acq: 1 Jun 2016 4:54

Tgt Ion:136 Resp: 446951

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	12.6	5.0	7.4#
68	6.3	4.4	6.6



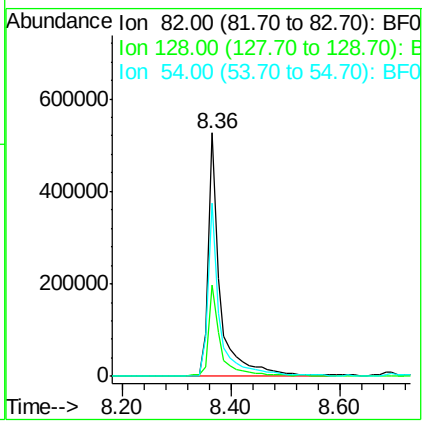


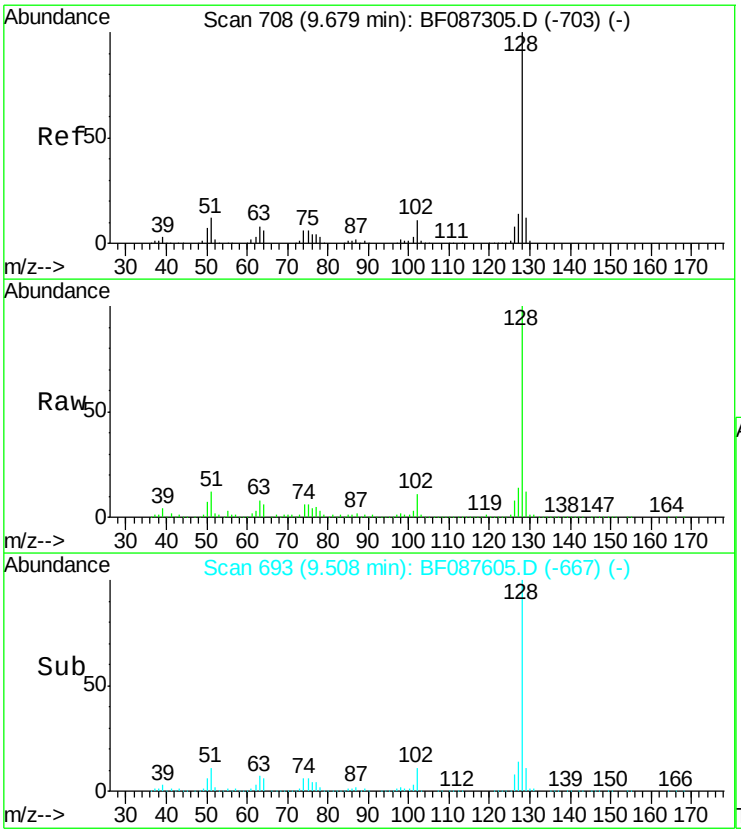
#23
Nitrobenzene-d5
Concen: 90.18 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF087605.D
Acq: 1 Jun 2016 4:54

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion: 82 Resp: 799767

Ion	Ratio	Lower	Upper
82	100		
128	37.4	40.6	61.0#
54	71.0	38.1	57.1#

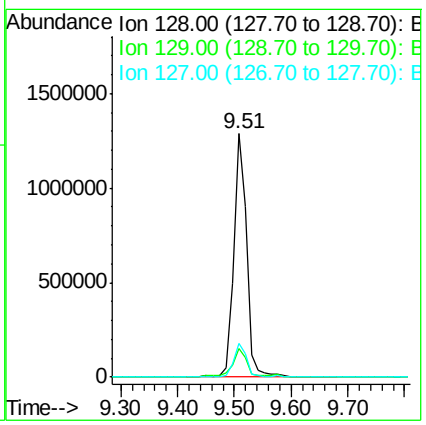


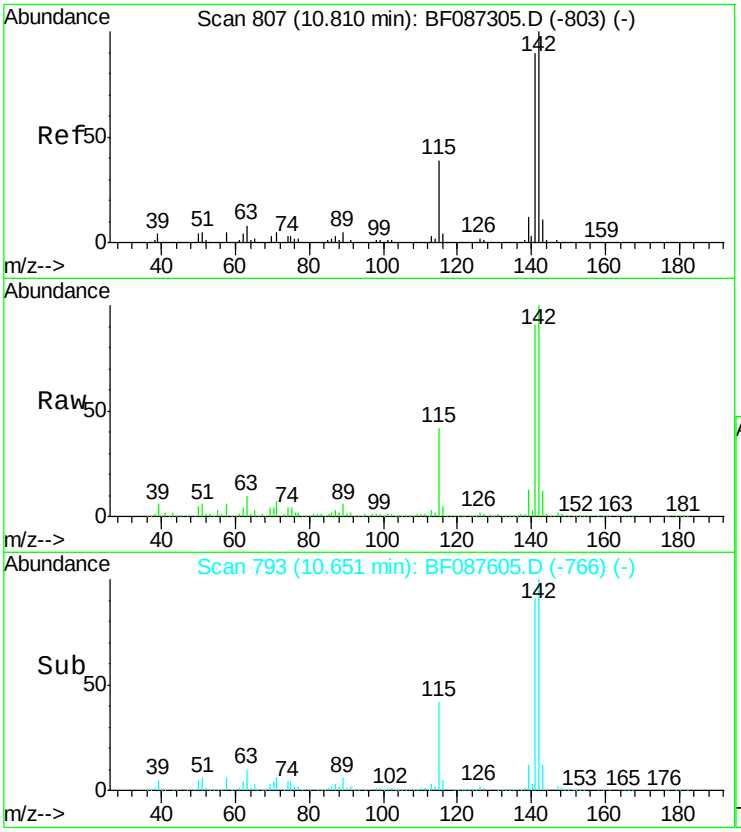


#31
Naphthalene
Concen: 91.86 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF087605.D
Acq: 1 Jun 2016 4:54

Tgt Ion:128 Resp: 2057286

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	13.0
127	14.0	10.8	16.2



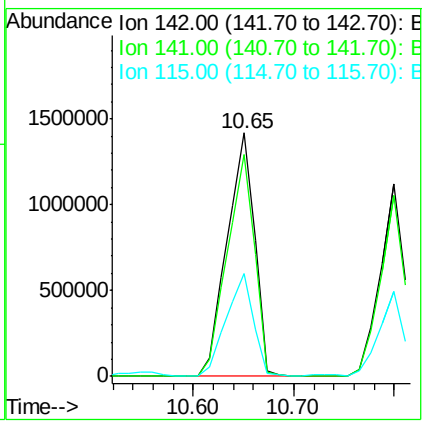


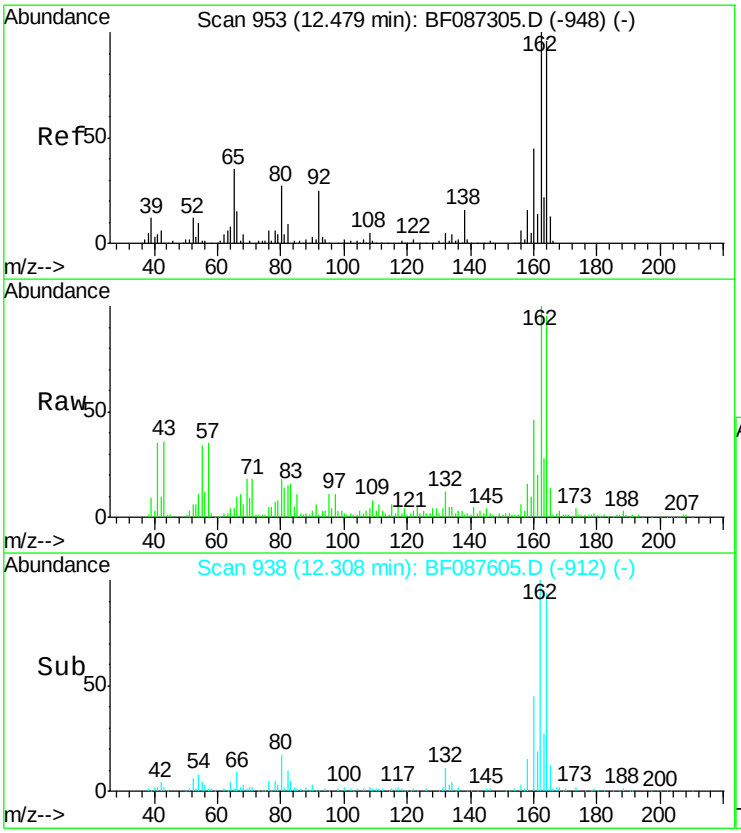
#37
2-Methylnaphthalene
Concen: 192.97 ng
RT: 10.65 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF087605.D
Acq: 1 Jun 2016 4:54

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:142 Resp: 2699939

Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.0	106.6
115	42.1	26.6	39.8#

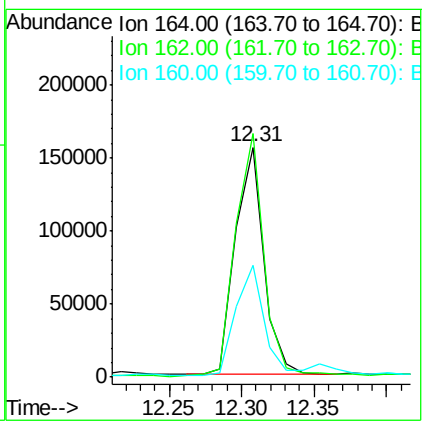


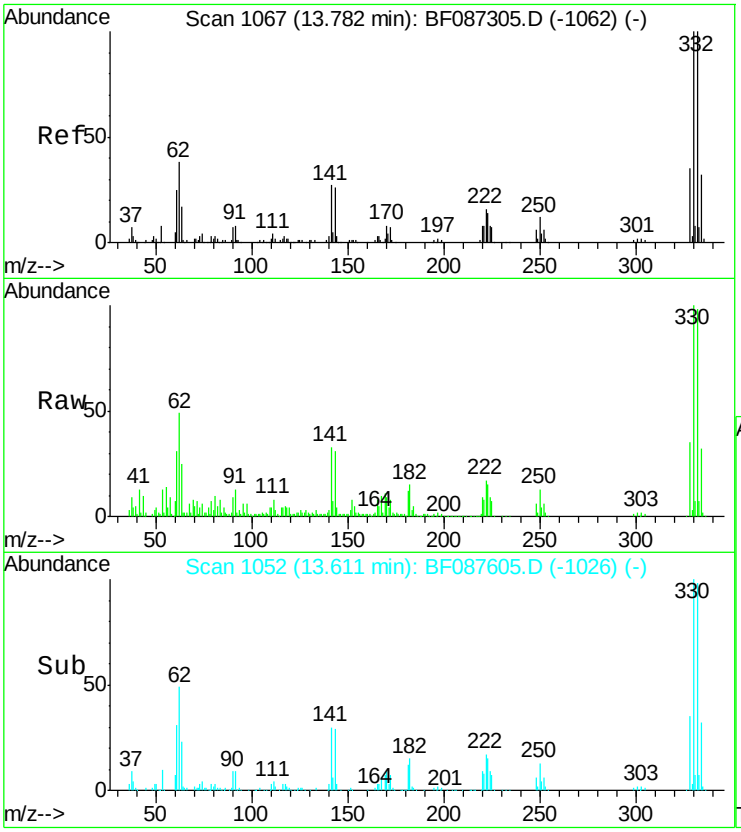


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.31 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF087605.D
Acq: 1 Jun 2016 4:54

Tgt Ion:164 Resp: 210088

Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.8	124.2
160	48.8	36.9	55.3



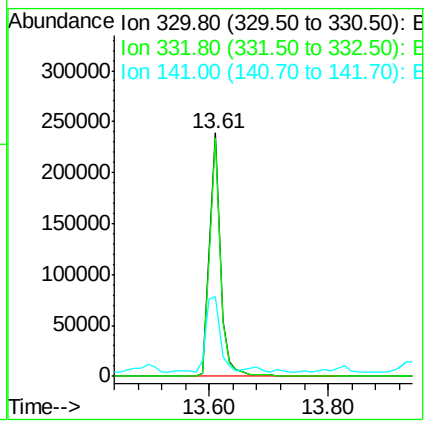


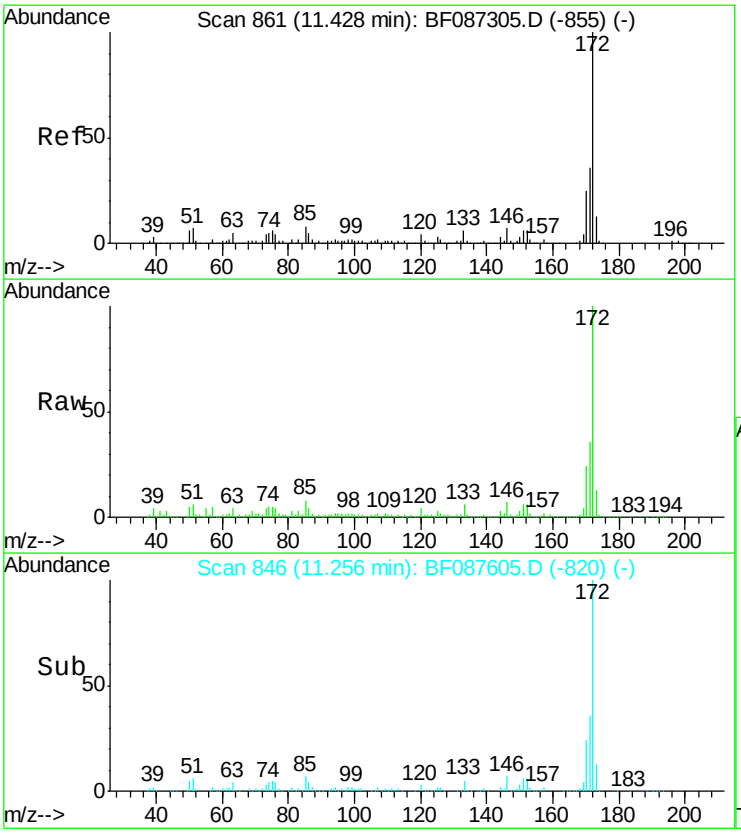
#41
2,4,6-Tribromophenol
Concen: 153.48 ng
RT: 13.61 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF087605.D
Acq: 1 Jun 2016 4:54

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:330 Resp: 309863

Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	41.2	31.2	46.8

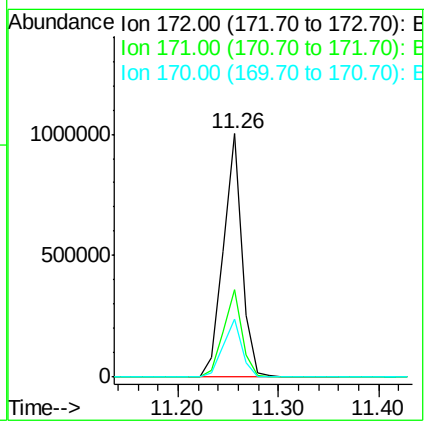


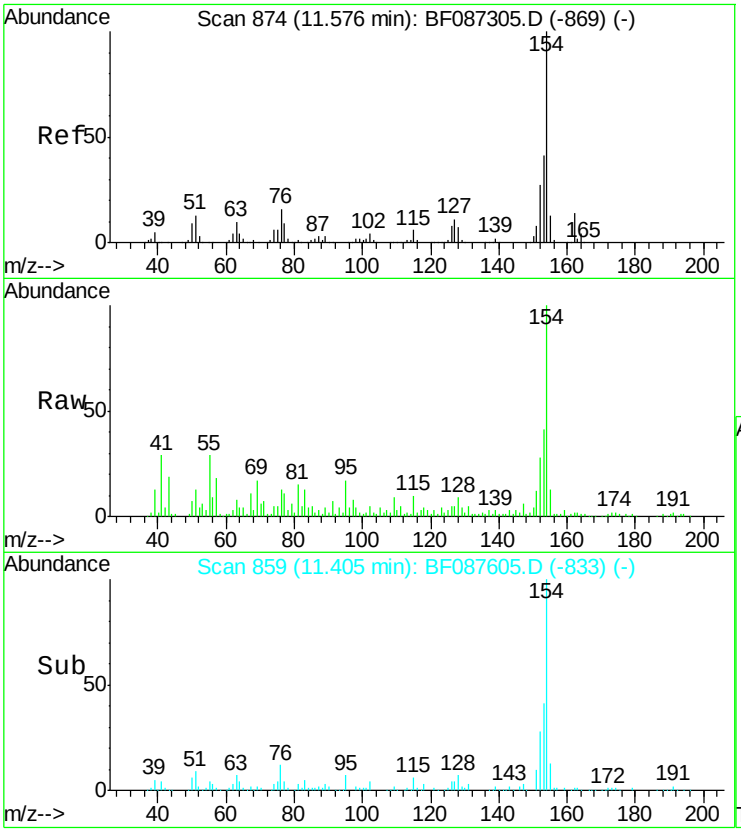


#44
2-Fluorobiphenyl
Concen: 86.56 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF087605.D
Acq: 1 Jun 2016 4:54

Tgt Ion:172 Resp: 1289875

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.1	19.8	29.8



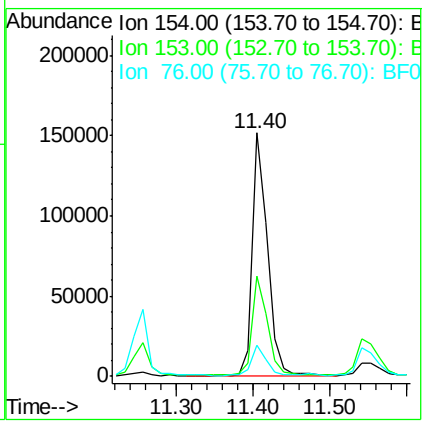


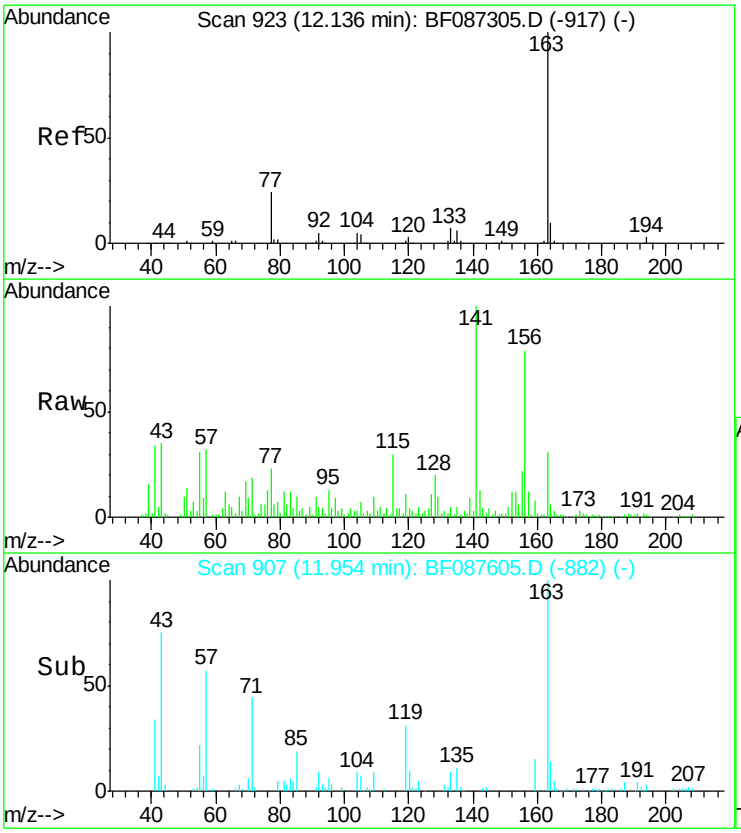
#45
1,1'-Biphenyl
Concen: 11.55 ng
RT: 11.40 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF087605.D
Acq: 1 Jun 2016 4:54

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:154 Resp: 204252

Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.3	60.3
76	12.9	0.0	30.2

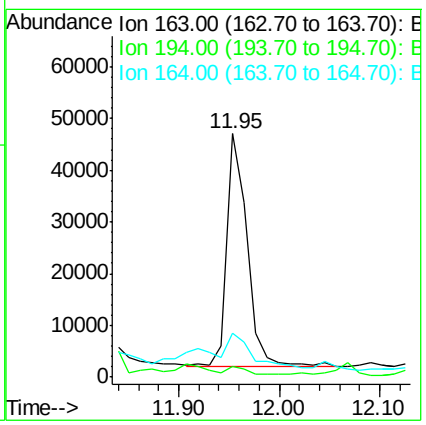


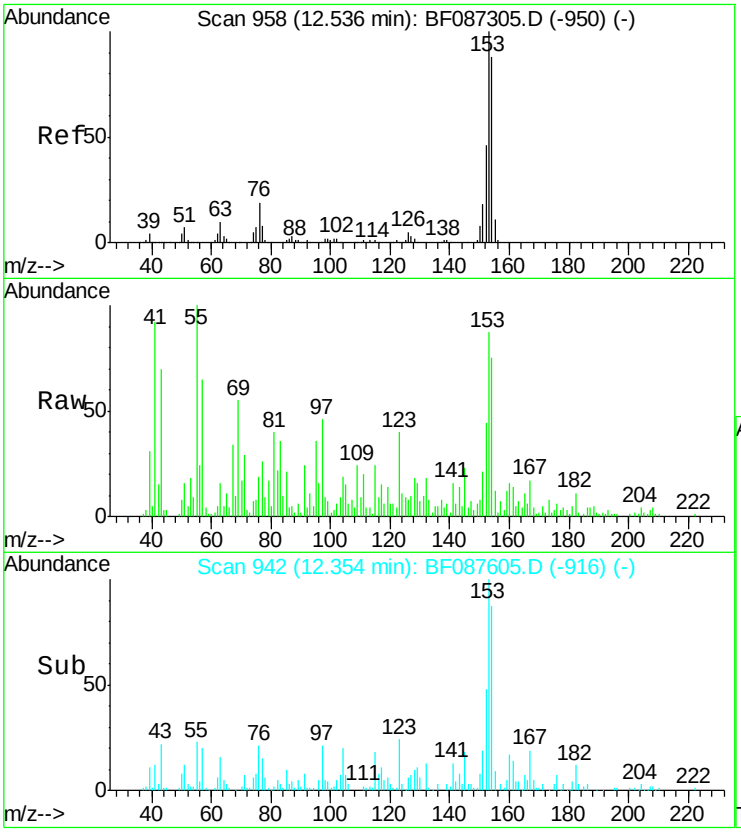


#49
Dimethylphthalate
Concen: 3.82 ng
RT: 11.95 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF087605.D
Acq: 1 Jun 2016 4:54

Tgt Ion:163 Resp: 64332

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.6	4.0#
164	18.1	8.2	12.4#



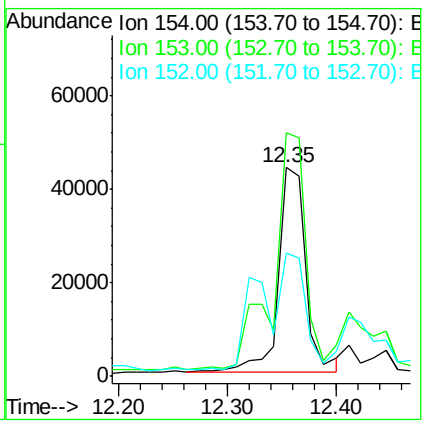


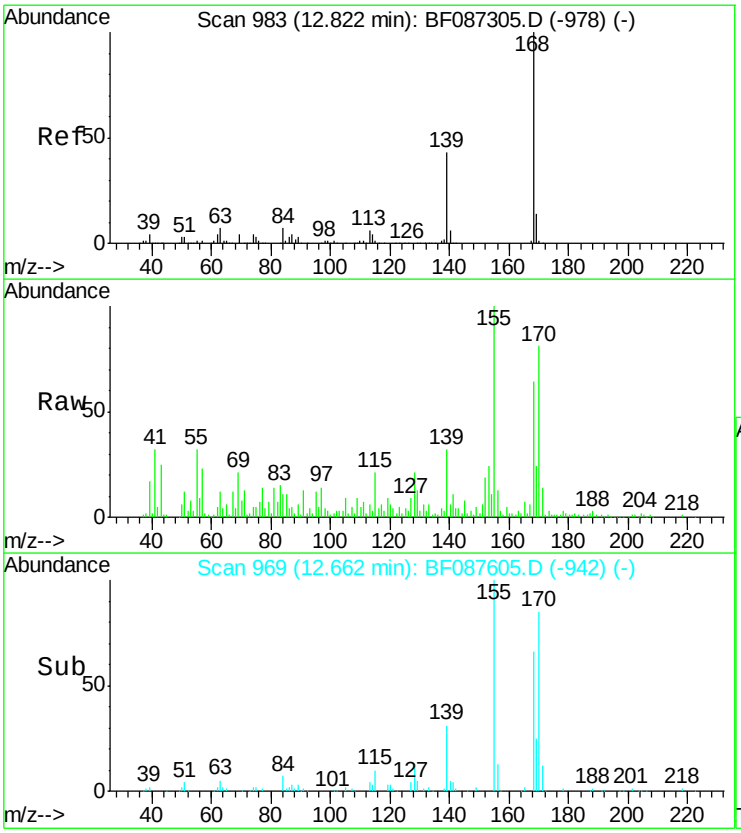
#51
Acenaphthene
Concen: 5.86 ng
RT: 12.35 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF087605.D
Acq: 1 Jun 2016 4:54

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:154 Resp: 77124

Ion	Ratio	Lower	Upper
154	100		
153	116.5	89.8	134.6
152	59.1	43.4	65.0

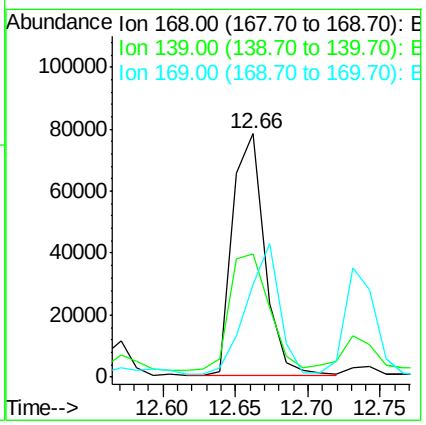


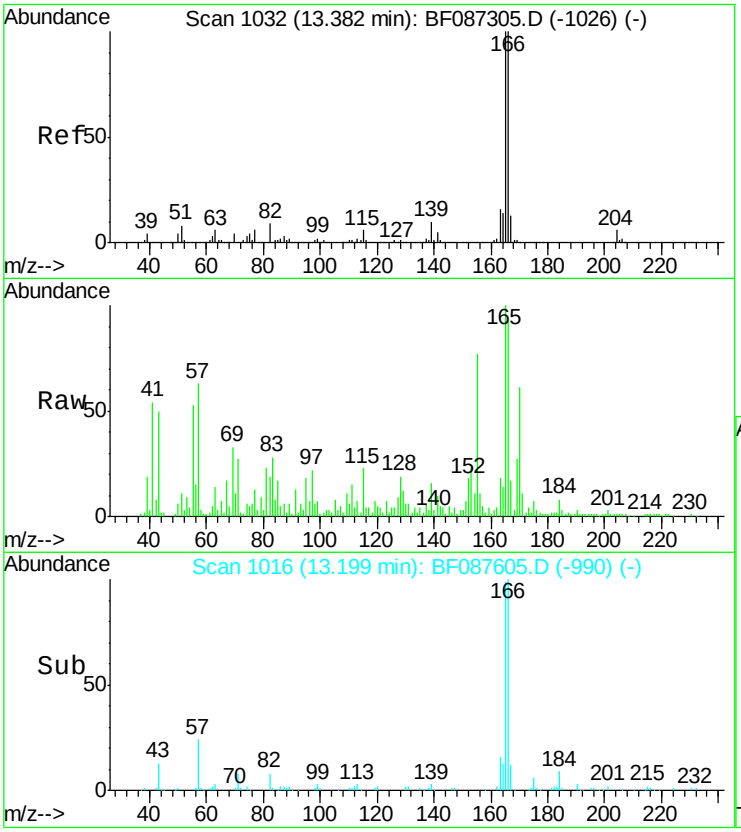


#54
Dibenzofuran
Concen: 6.68 ng
RT: 12.66 min Scan# 969
Delta R.T. 0.01 min
Lab File: BF087605.D
Acq: 1 Jun 2016 4:54

Tgt Ion:168 Resp: 119140

Ion	Ratio	Lower	Upper
168	100		
139	50.6	31.4	47.0#
169	38.0	10.7	16.1#



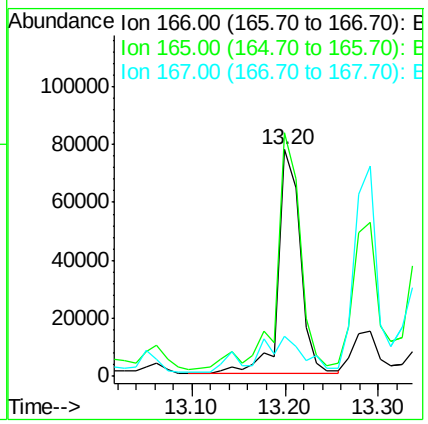


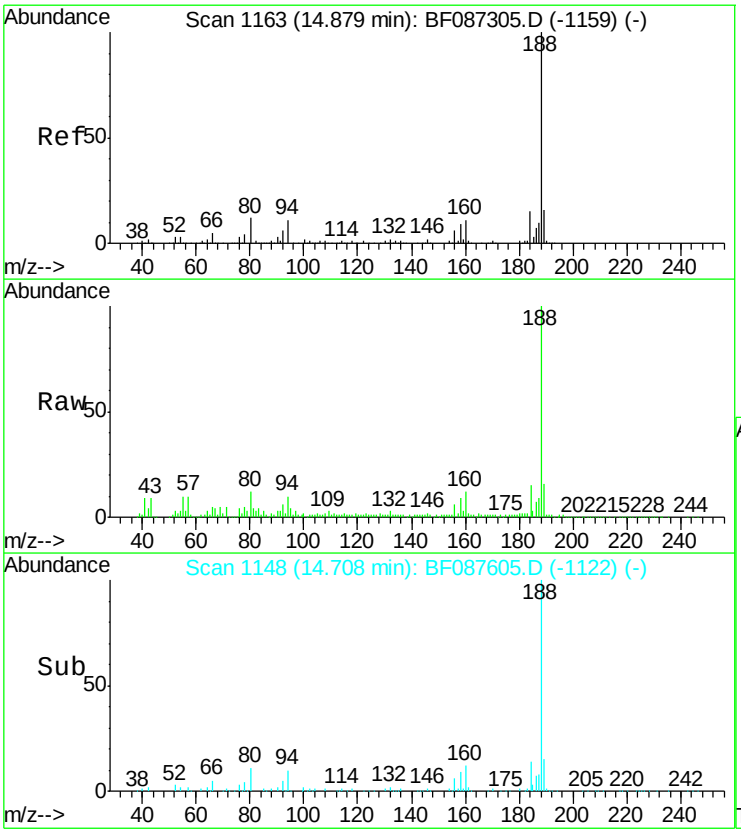
#57
Fluorene
Concen: 8.06 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF087605.D
Acq: 1 Jun 2016 4:54

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:166 Resp: 124624

Ion	Ratio	Lower	Upper
166	100		
165	107.4	79.0	118.6
167	17.9	10.6	15.8#

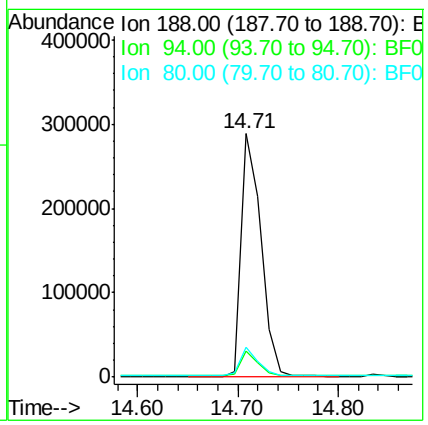


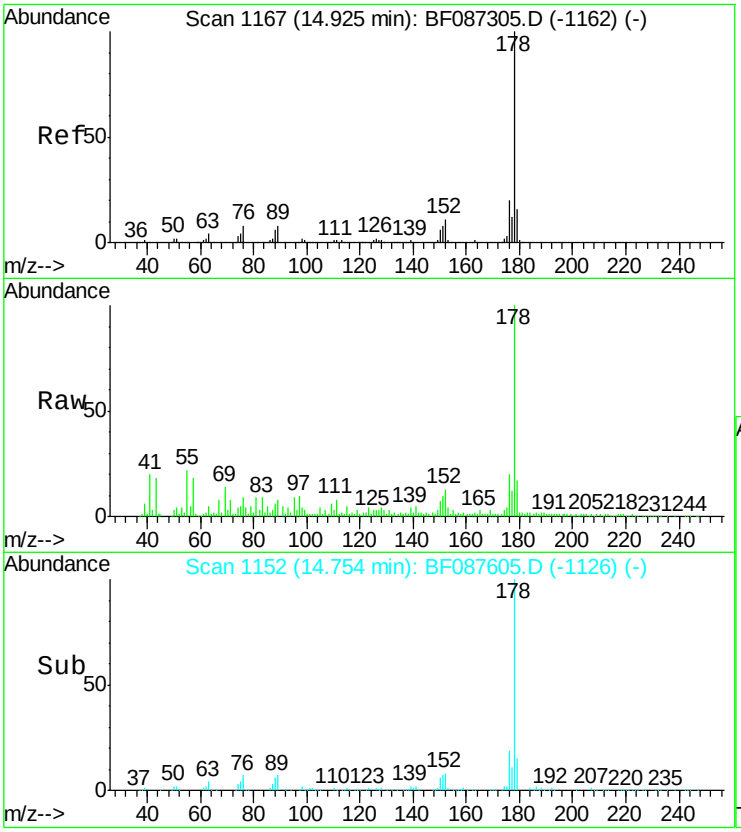


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF087605.D
Acq: 1 Jun 2016 4:54

Tgt Ion:188 Resp: 395238

Ion	Ratio	Lower	Upper
188	100		
94	10.5	6.8	10.2#
80	12.0	7.1	10.7#



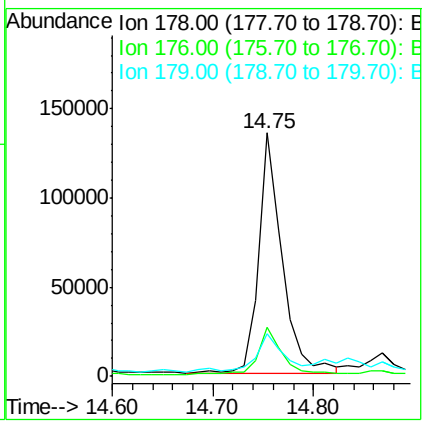


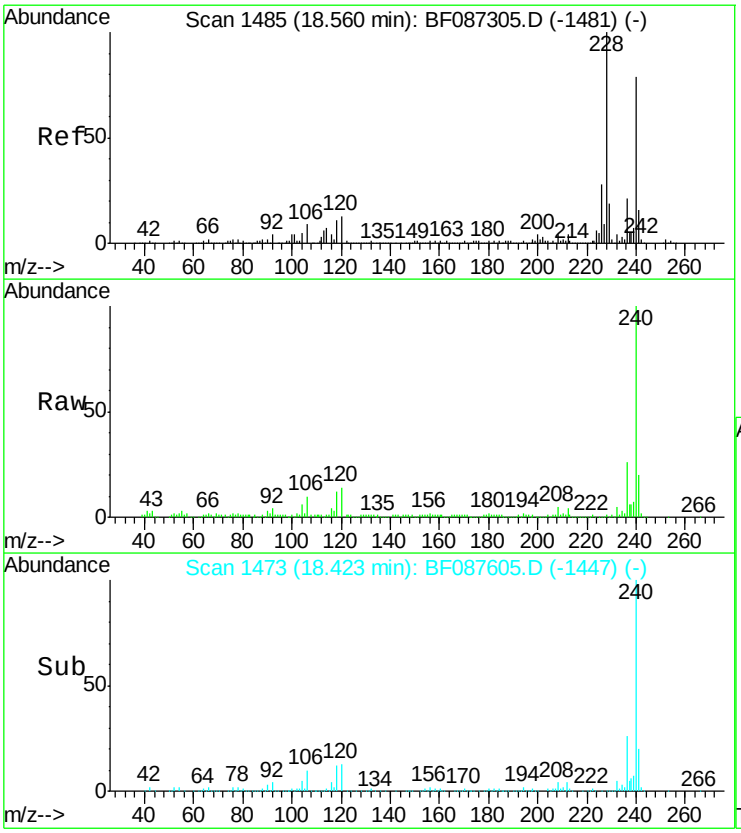
#70
Phenanthrene
Concen: 9.91 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF087605.D
Acq: 1 Jun 2016 4:54

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:178 Resp: 216923

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	17.4	12.6	18.8

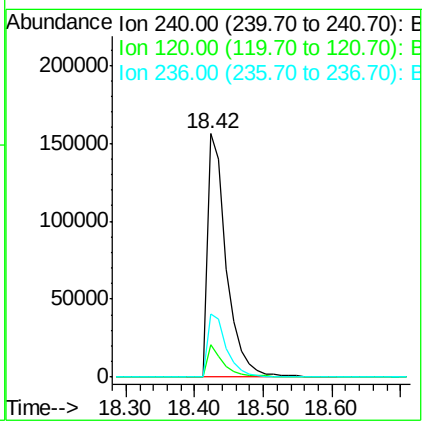


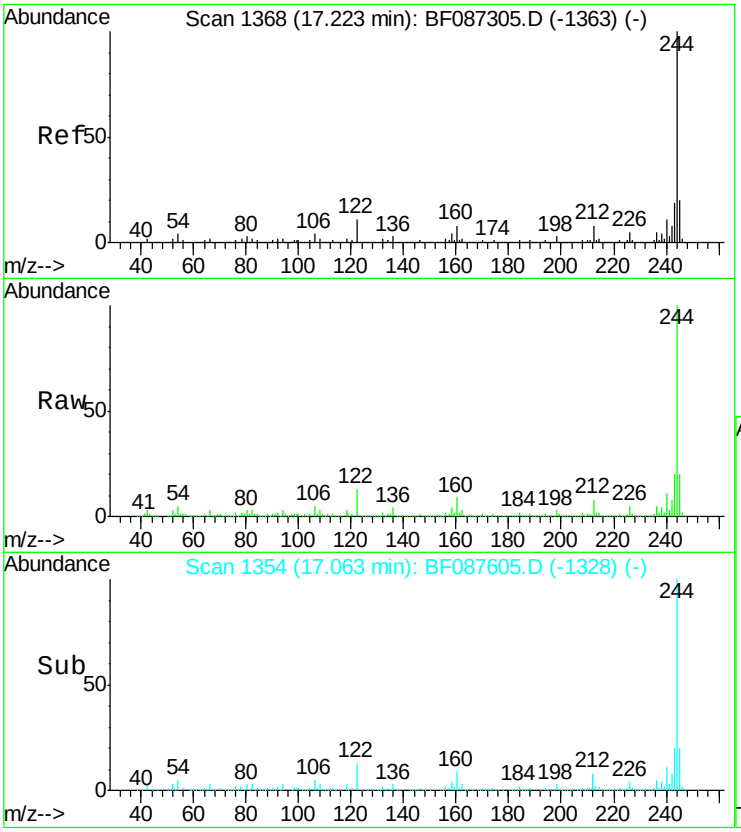


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.42 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF087605.D
Acq: 1 Jun 2016 4:54

Tgt Ion:240 Resp: 301194

Ion	Ratio	Lower	Upper
240	100		
120	13.6	11.2	16.8
236	26.0	21.2	31.8



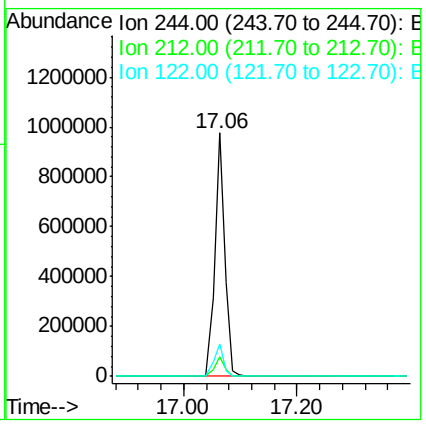


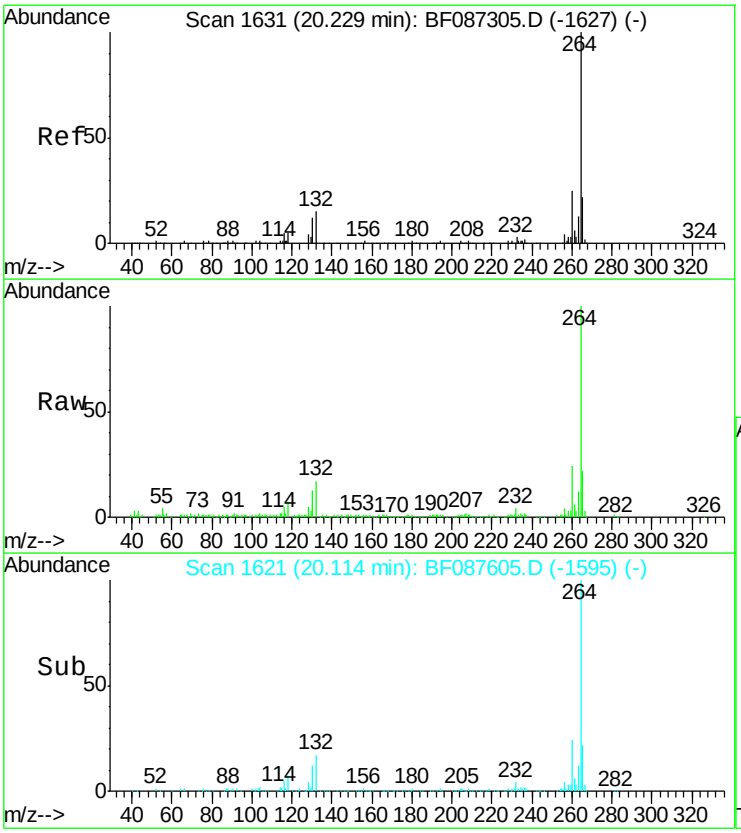
#78
Terphenyl-d14
Concen: 82.84 ng
RT: 17.06 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF087605.D
Acq: 1 Jun 2016 4:54

Instrument :
BNA_F
ClientSampleId :
B3GW

Tgt Ion:244 Resp: 1173578

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	13.2	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.11 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BF087605.D
Acq: 1 Jun 2016 4:54

Tgt Ion:264 Resp: 210755

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.1	17.3	25.9