Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050216\
Data File : BF086615.D
Acq On : 2 May 2016 14:06
Operator : UM/SJ
Sample : H2716-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-3-CS-4(0-12FTBGS)

Quant Time: May 03 01:15:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	156921	20.00	ng		-0.05
21) Naphthalene-d8	8.04	136	690228	20.00	ng		-0.06
38) Acenaphthene-d10	9.79	164	228008	20.00	ng		-0.06
63) Phenanthrene-d10	11.26	188	604215	20.00	ng		-0.06
75) Chrysene-d12	13.89	240	303639	20.00	ng		-0.07
86) Perylene-d12	15.29	264	5274	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1235662	135.82	ng		-0.02
7) Phenol-d6	6.41	99	1361504	107.23	ng		-0.03
23) Nitrobenzene-d5	7.32	82	1039169	81.15	ng		-0.06
41) 2,4,6-Tribromophenol	10.58	330	459021	190.90	ng		-0.06
44) 2-Fluorobiphenyl	9.12	172	1800257	165.75	ng		-0.06
78) Terphenyl-d14	12.87	244	1888187	137.00	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.53	77	33921	4.59	ng		87
15) Benzyl Alcohol	6.91	79	18499	2.30	ng	#	41
25) Isophorone	7.32	82	815219	33.08	ng	#	68
31) Naphthalene	8.06	128	85355	2.43	ng		98
32) Benzoic acid	7.78	122	4419	9.34	ng	#	61
50) 2,6-Dinitrotoluene	9.79	165	28430	8.02	ng	#	23
56) 2,4-Dinitrotoluene	9.79	165	28426	6.29	ng	#	19
66) 4-Bromophenyl-phenylether	10.58	248	27124	4.36	ng	#	1
69) Pentachlorophenol	11.08	266	15437	4.06	ng		96
89) Benzo(a)pyrene	15.30	252	1825	6.23	ng	#	1

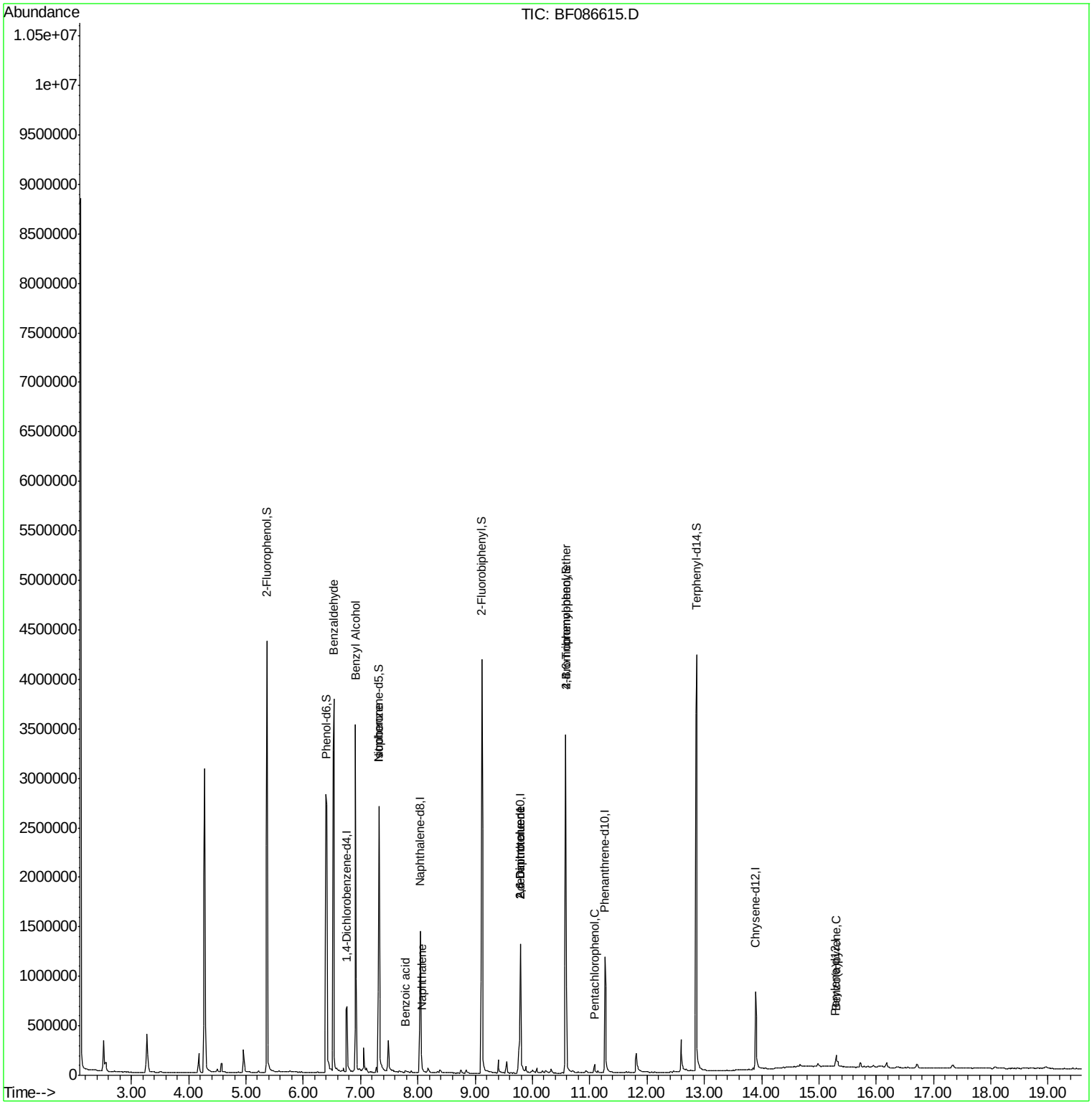
(#) = qualifier out of range (m) = manual integration (+) = signals summed

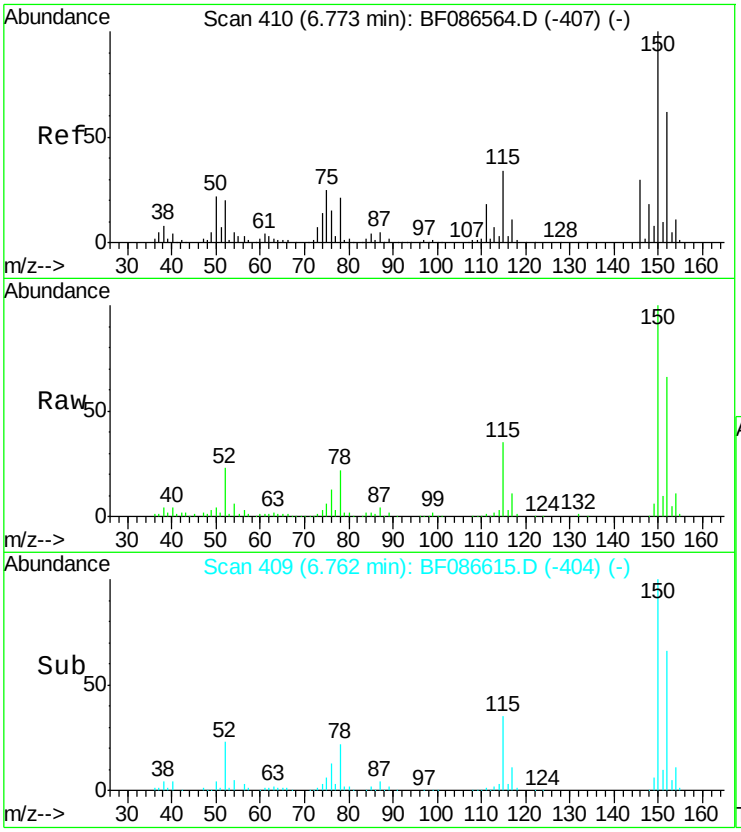
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050216\
Data File : BF086615.D
Acq On : 2 May 2016 14:06
Operator : UM/SJ
Sample : H2716-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-4(0-12FTBGS)

Quant Time: May 03 01:15:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration



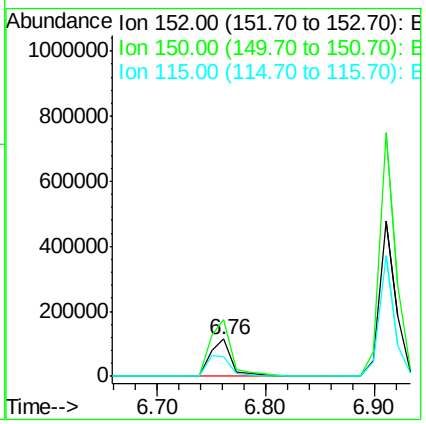


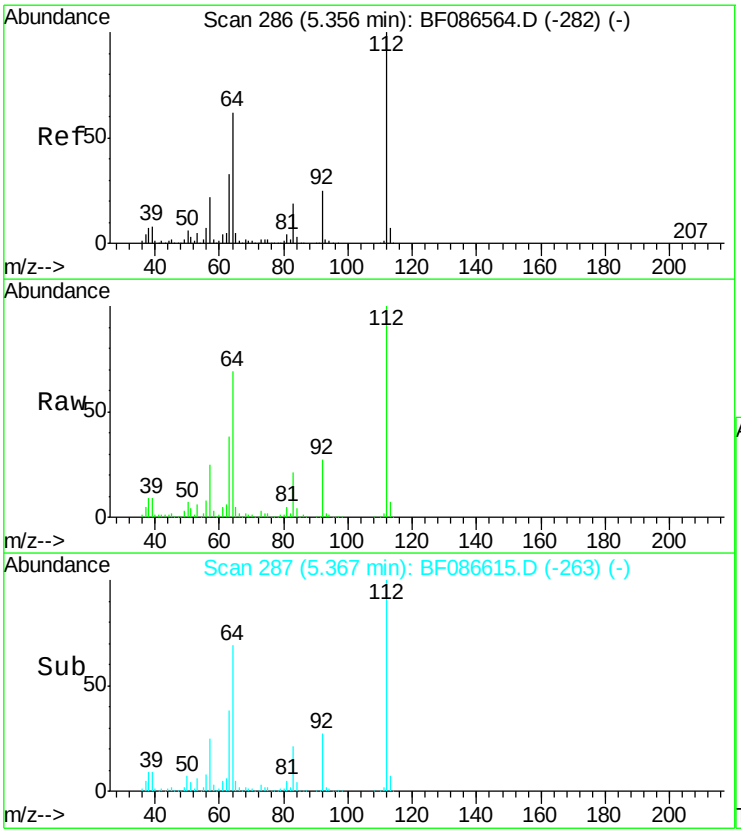
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-4(0-12FTBGS)

Tgt Ion:152 Resp: 156921

Ion	Ratio	Lower	Upper
152	100		
150	152.3	125.8	188.6
115	53.8	51.5	77.3

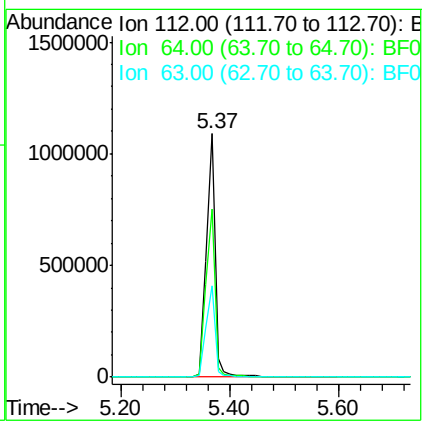


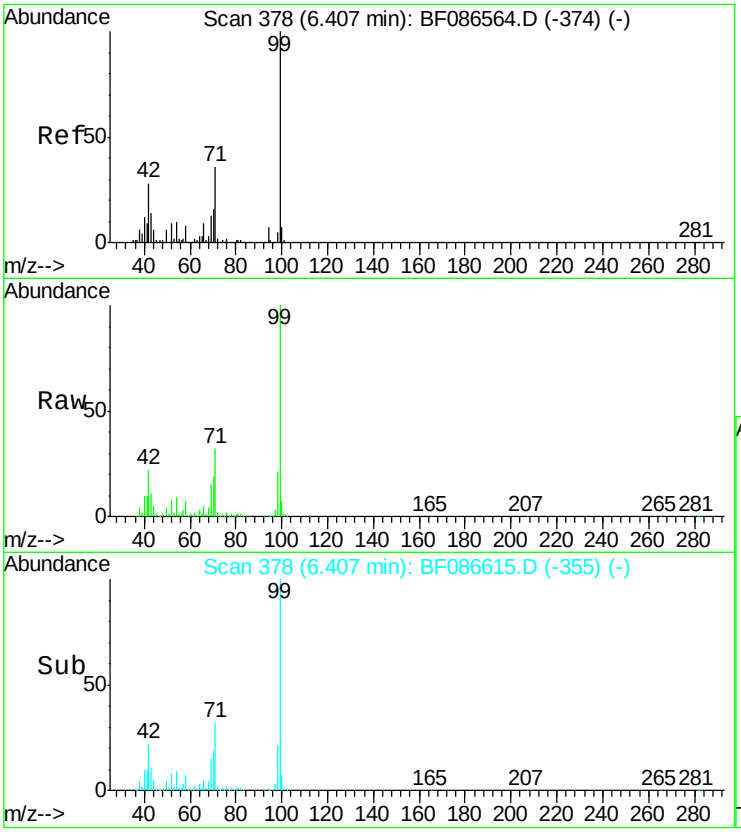


#5
2-Fluorophenol
Concen: 135.82 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Tgt Ion:112 Resp: 1235662

Ion	Ratio	Lower	Upper
112	100		
64	69.1	52.1	78.1
63	37.5	25.7	38.5



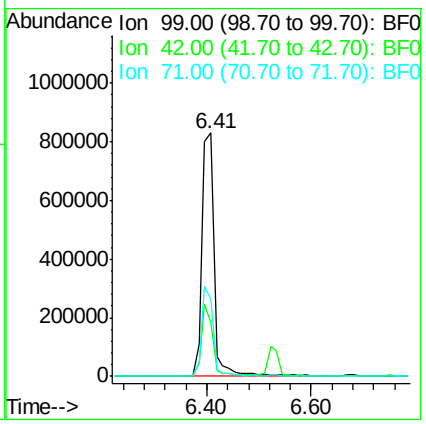


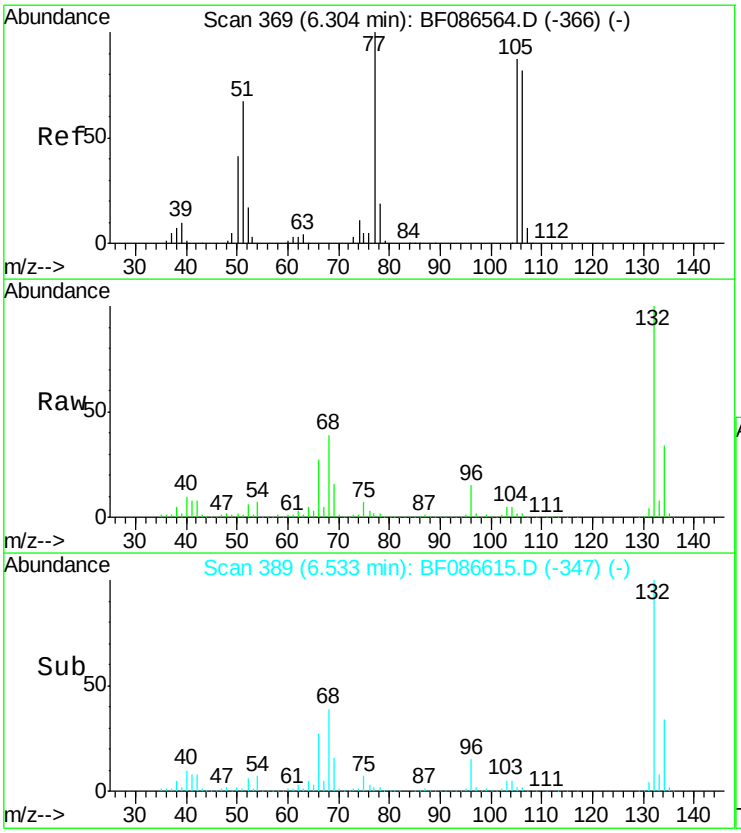
#7
Phenol-d6
Concen: 107.23 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.03 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-4(0-12FTBGS)

Tgt Ion: 99 Resp: 1361504

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.6	20.4#
71	31.7	24.6	36.8

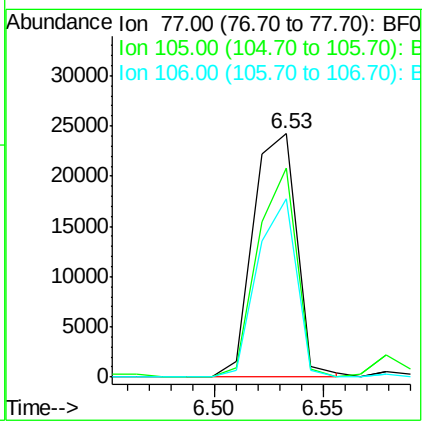


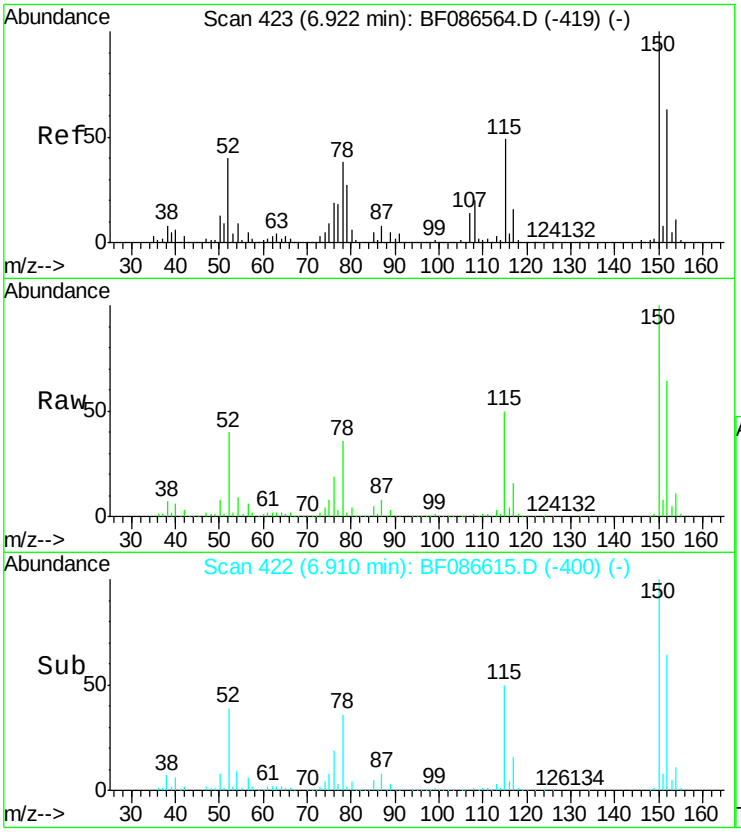


#9
Benzaldehyde
Concen: 4.59 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.18 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Tgt Ion: 77 Resp: 33921

Ion	Ratio	Lower	Upper
77	100		
105	85.9	72.7	112.7
106	73.0	70.8	110.8



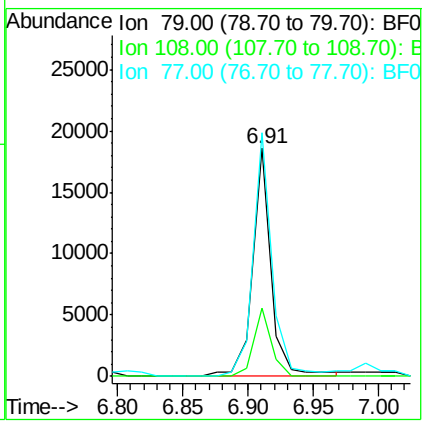


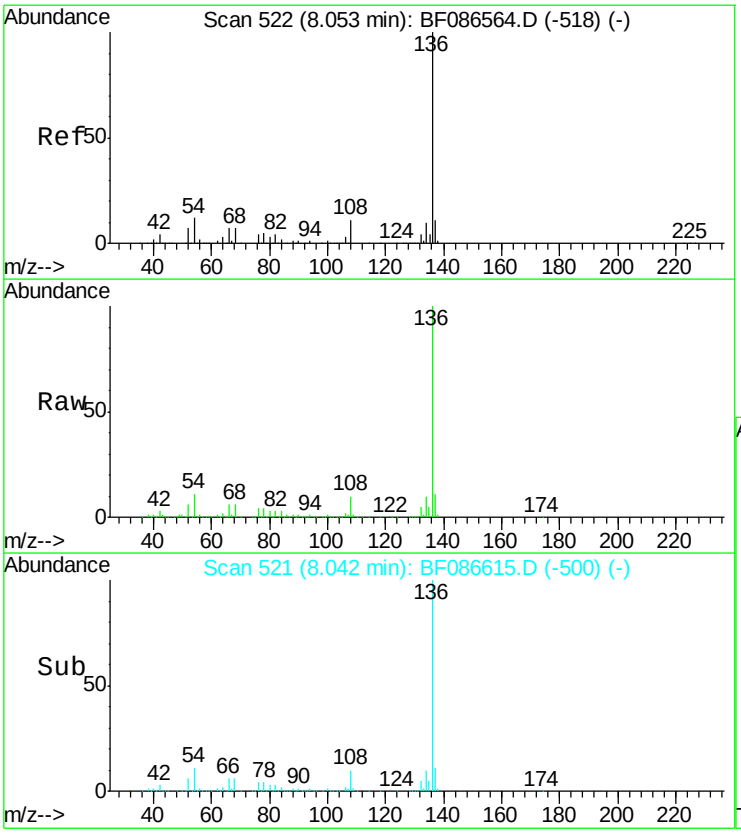
#15
Benzyl Alcohol
Concen: 2.30 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.05 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-4(0-12FTBGS)

Tgt Ion: 79 Resp: 18499

Ion	Ratio	Lower	Upper
79	100		
108	30.1	68.4	102.6#
77	106.8	50.6	76.0#

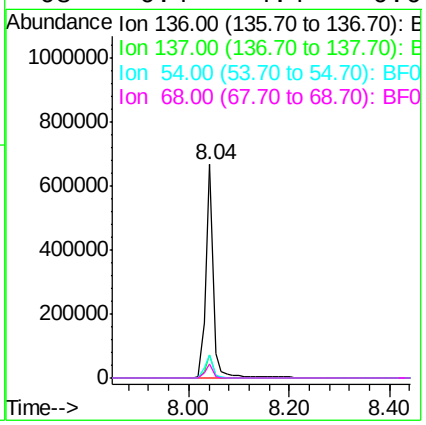


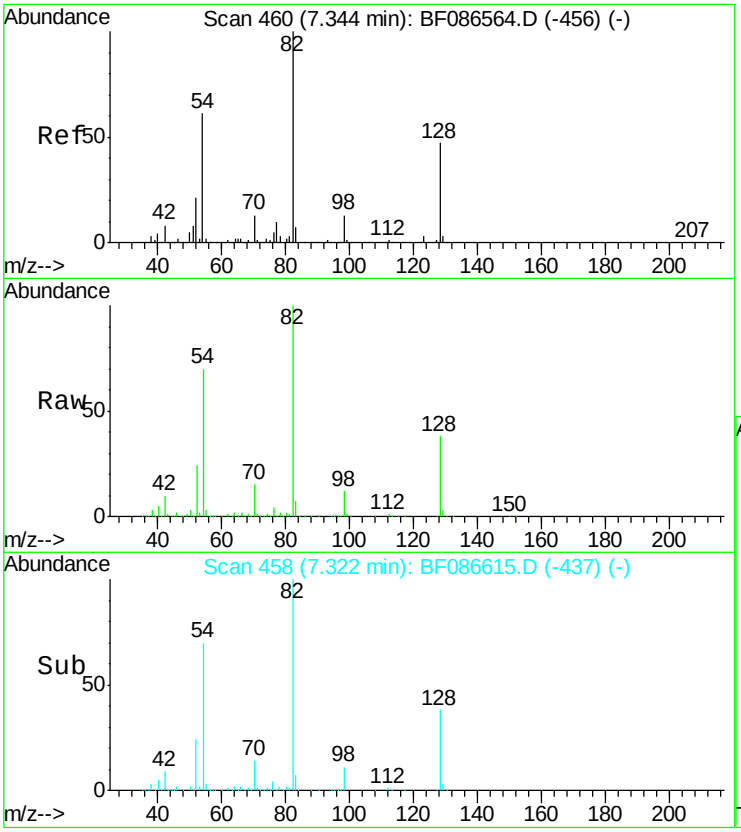


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Tgt Ion:136 Resp: 690228

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.9	5.0	7.4#
68	6.4	4.4	6.6



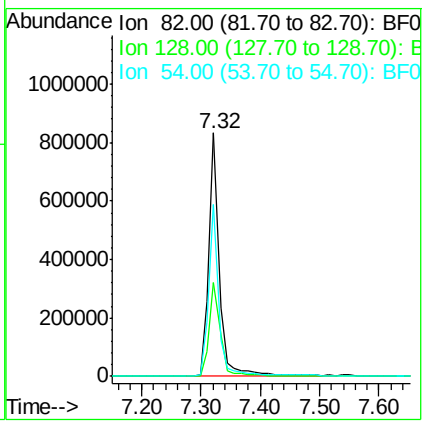


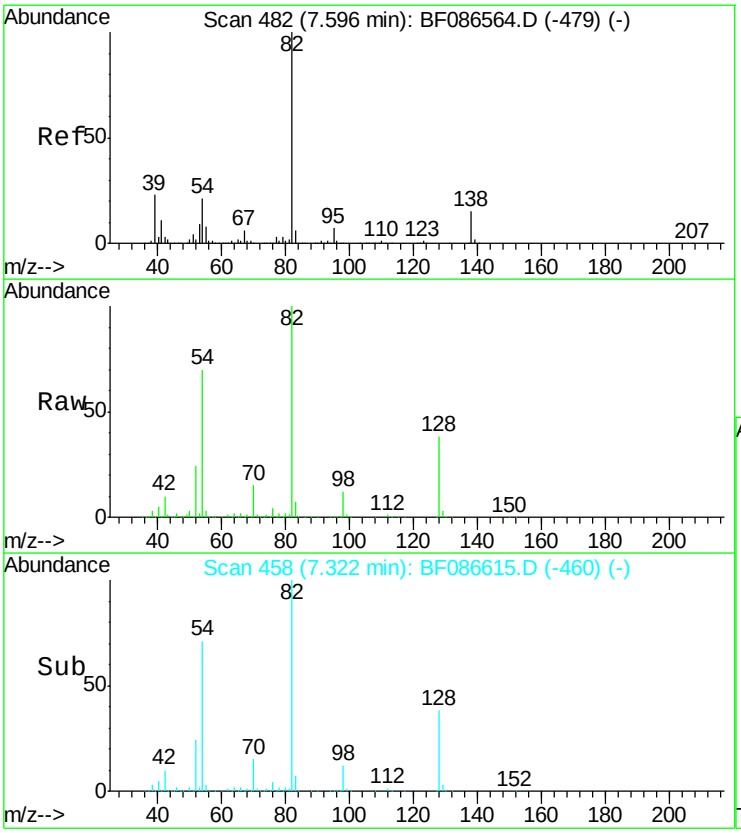
#23
Nitrobenzene-d5
Concen: 81.15 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-4(0-12FTBGS)

Tgt Ion: 82 Resp: 1039169

Ion	Ratio	Lower	Upper
82	100		
128	38.5	40.6	61.0#
54	70.4	38.1	57.1#

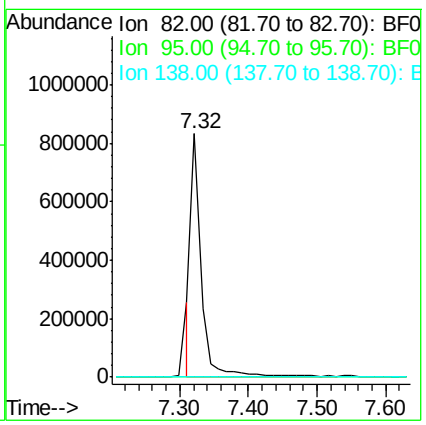


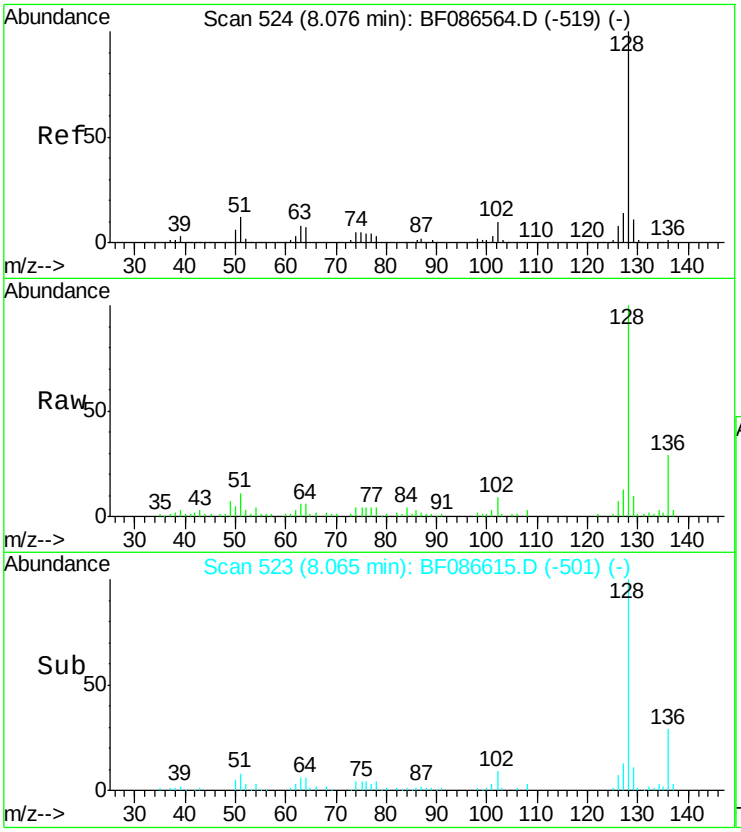


#25
Isophorone
Concen: 33.08 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.32 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Tgt Ion: 82 Resp: 815219

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#



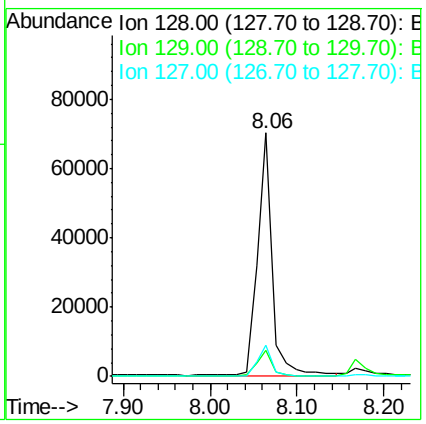


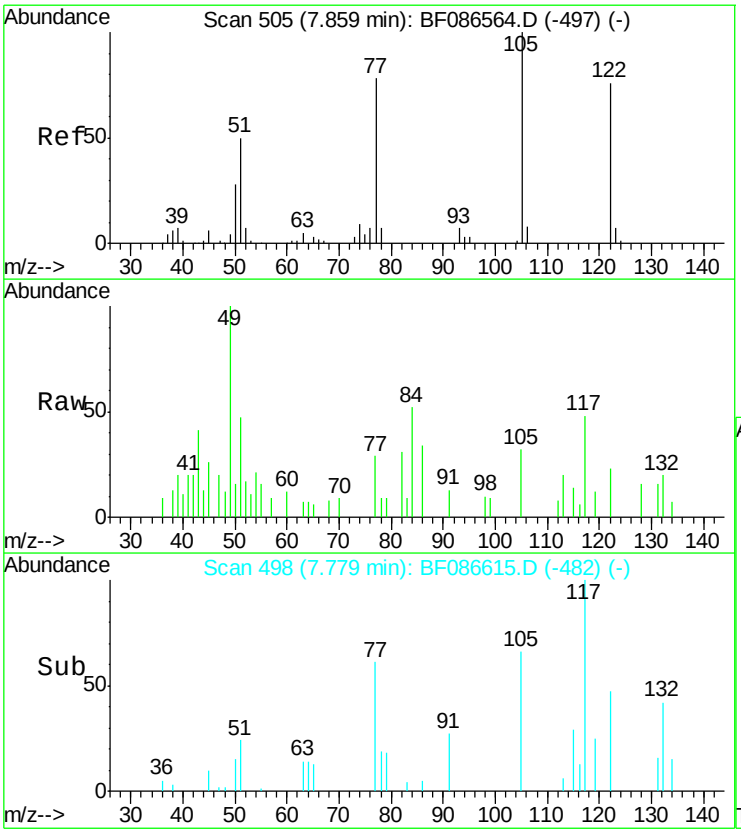
#31
Naphthalene
Concen: 2.43 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-4(0-12FTBGS)

Tgt Ion:128 Resp: 85355

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	13.0
127	12.6	10.8	16.2

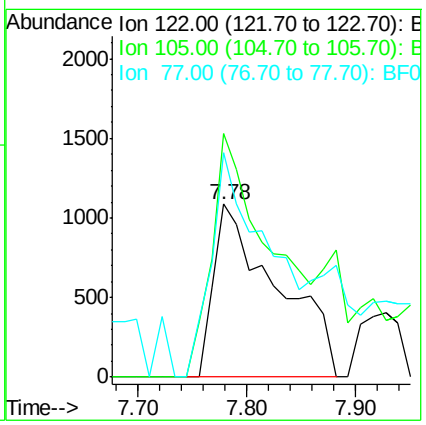


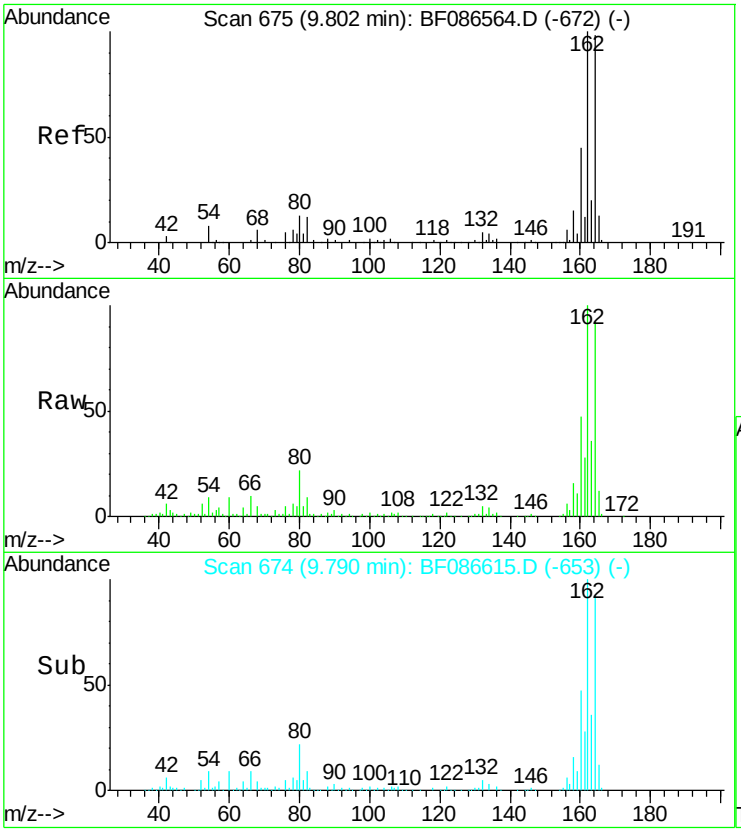


#32
Benzoic acid
Concen: 9.34 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.11 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Tgt Ion:122 Resp: 4419

Ion	Ratio	Lower	Upper
122	100		
105	140.9	92.6	132.6#
77	129.8	60.0	100.0#



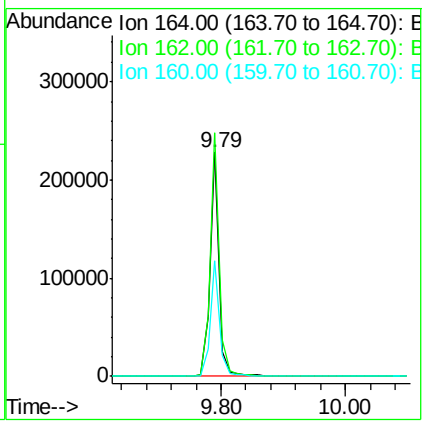


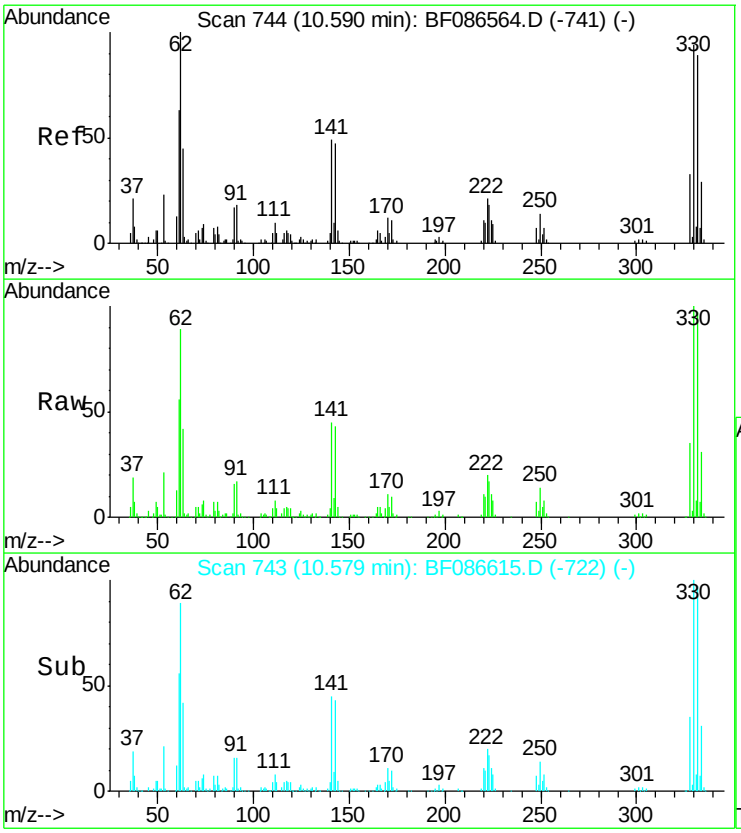
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-4(0-12FTBGS)

Tgt Ion:164 Resp: 228008

Ion	Ratio	Lower	Upper
164	100		
162	108.5	82.8	124.2
160	51.3	36.9	55.3

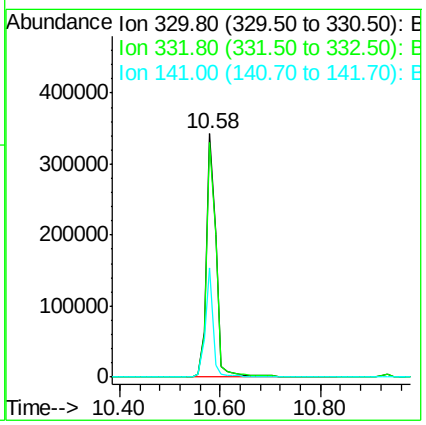


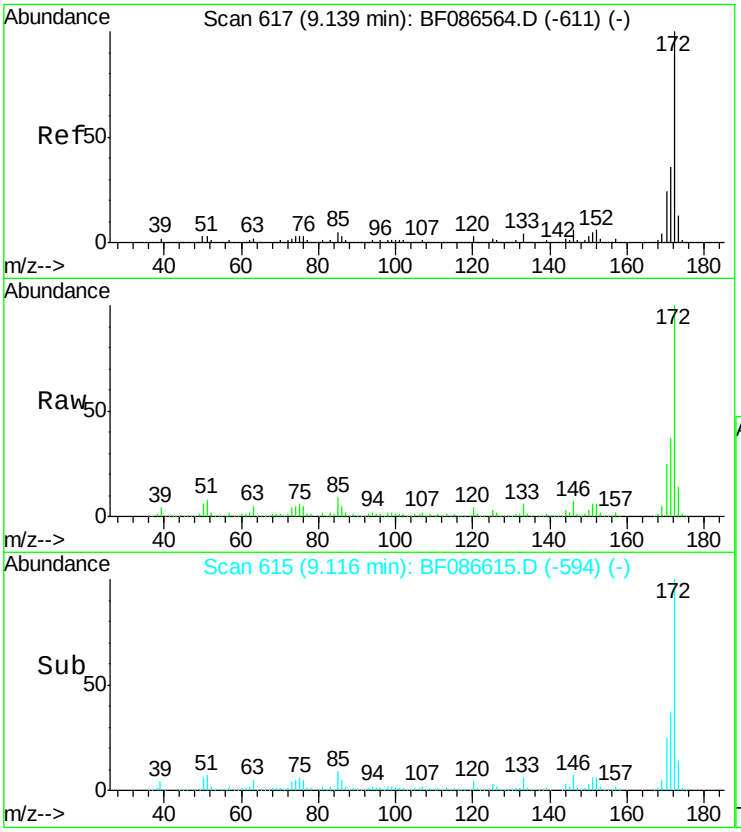


#41
2,4,6-Tribromophenol
Concen: 190.90 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.06 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Tgt Ion:330 Resp: 459021

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	36.6	31.2	46.8



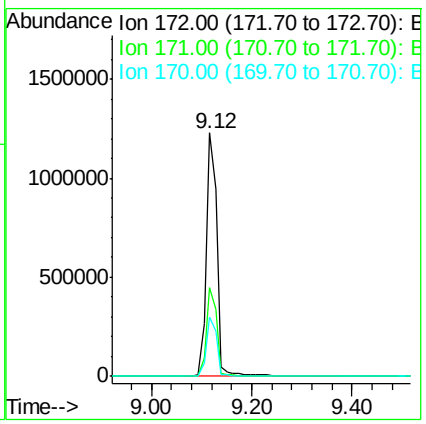


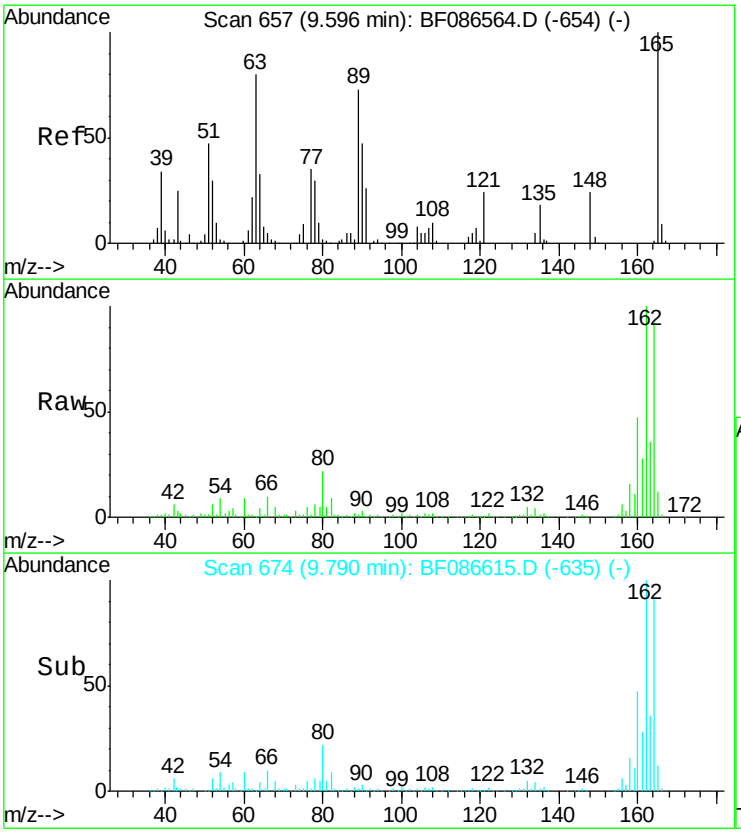
#44
2-Fluorobiphenyl
Concen: 165.75 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.06 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-4(0-12FTBGS)

Tgt Ion:172 Resp: 1800257

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.6	19.8	29.8

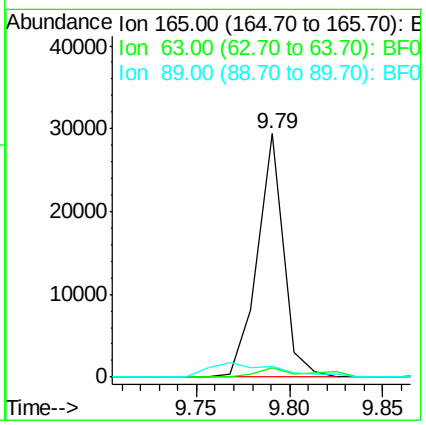


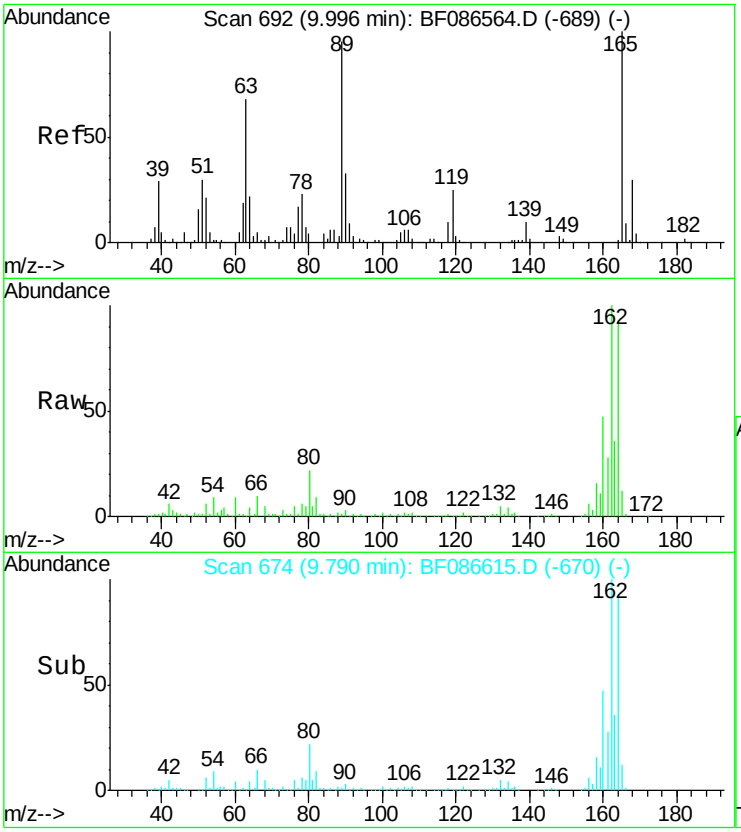


#50
2,6-Dinitrotoluene
Concen: 8.02 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.15 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Tgt Ion:165 Resp: 28430

Ion	Ratio	Lower	Upper
165	100		
63	3.6	51.8	77.8#
89	4.4	50.7	76.1#



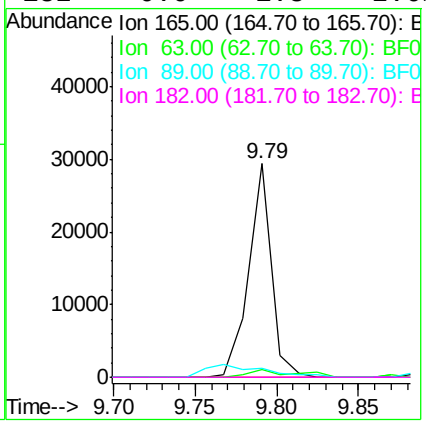


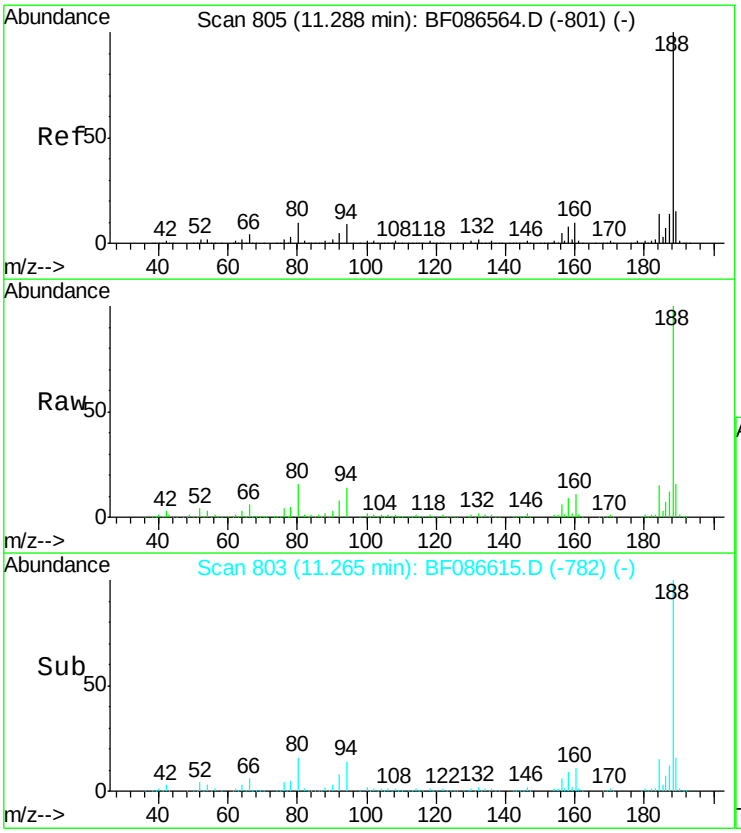
#56
2,4-Dinitrotoluene
Concen: 6.29 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.25 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-4(0-12FTBGS)

Tgt Ion:165 Resp: 28426

Ion	Ratio	Lower	Upper
165	100		
63	3.6	44.3	66.5#
89	4.4	70.0	105.0#
182	0.0	1.8	2.6#

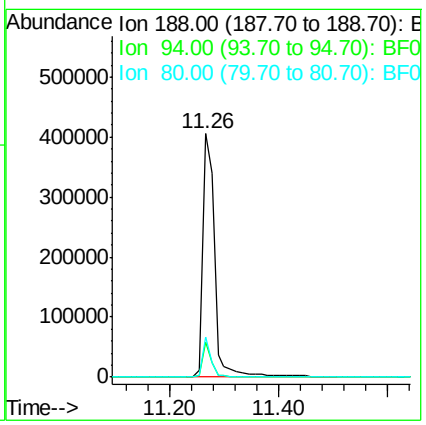


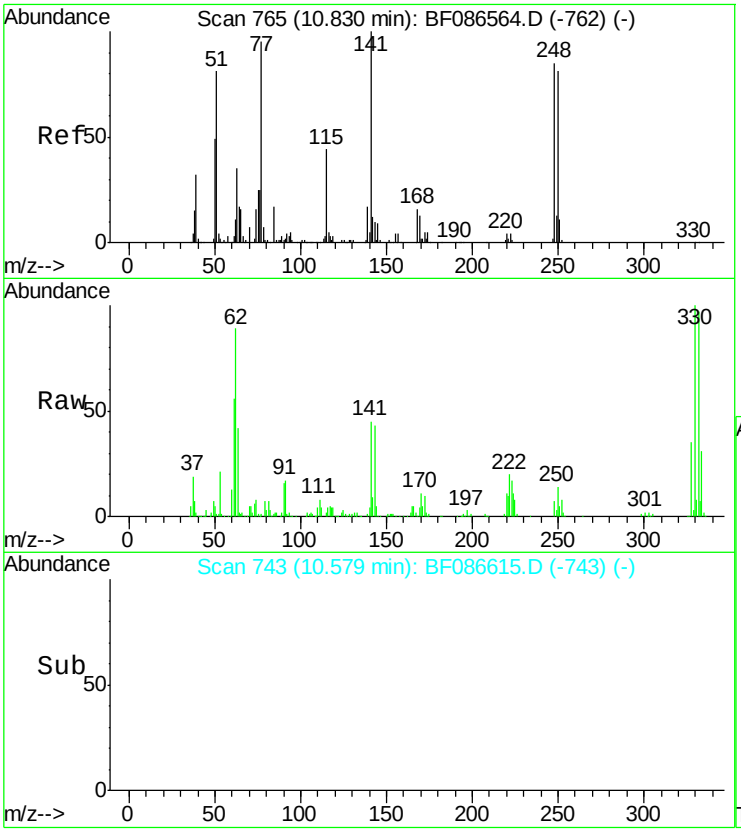


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Tgt Ion:188 Resp: 604215

Ion	Ratio	Lower	Upper
188	100		
94	14.1	6.8	10.2#
80	16.3	7.1	10.7#



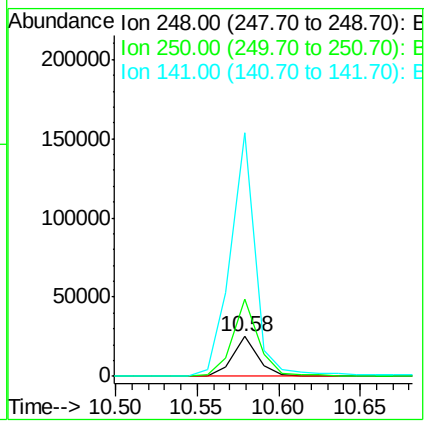


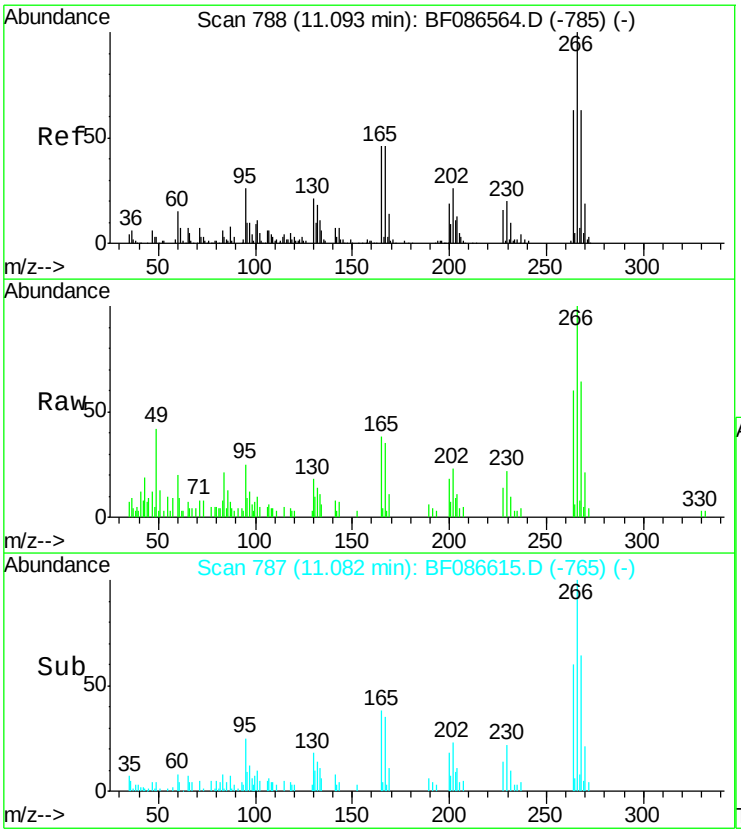
#66
4-Bromophenyl-phenylether
Concen: 4.36 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.30 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-4(0-12FTBGS)

Tgt Ion:248 Resp: 27124

Ion	Ratio	Lower	Upper
248	100		
250	193.7	78.6	117.8#
141	609.5	76.0	114.0#

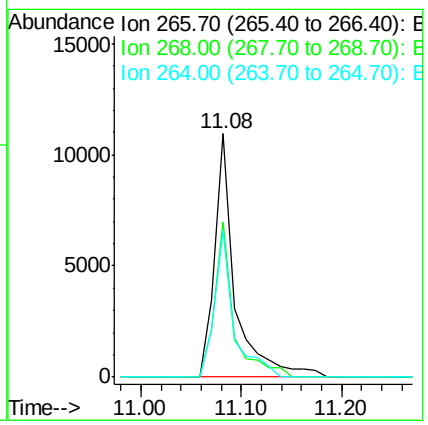


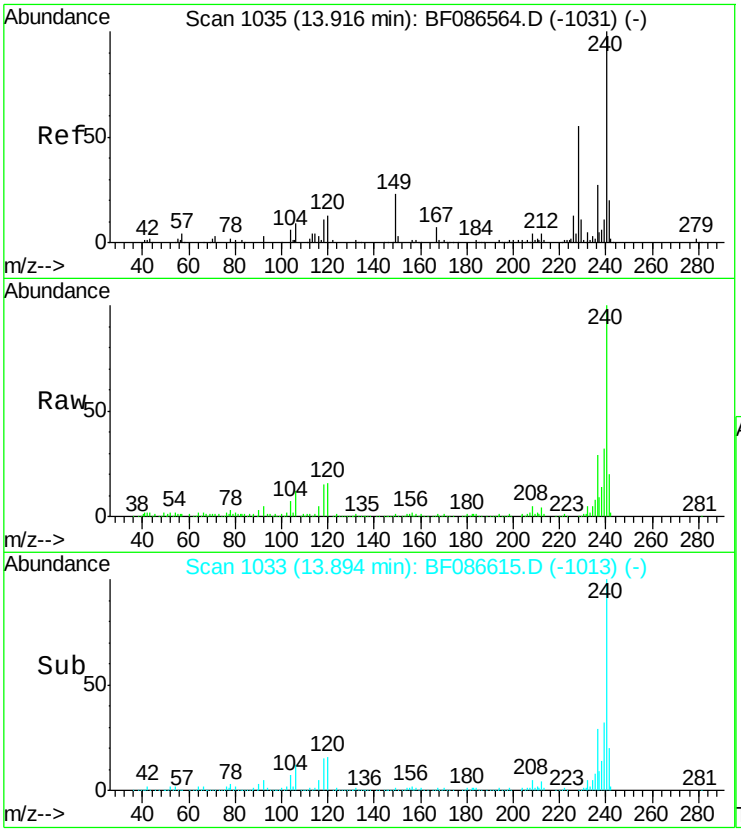


#69
Pentachlorophenol
Concen: 4.06 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.05 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Tgt Ion:266 Resp: 15437

Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.5	77.3
264	60.3	52.9	79.3



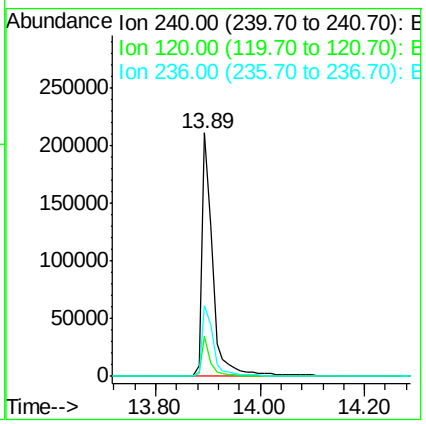


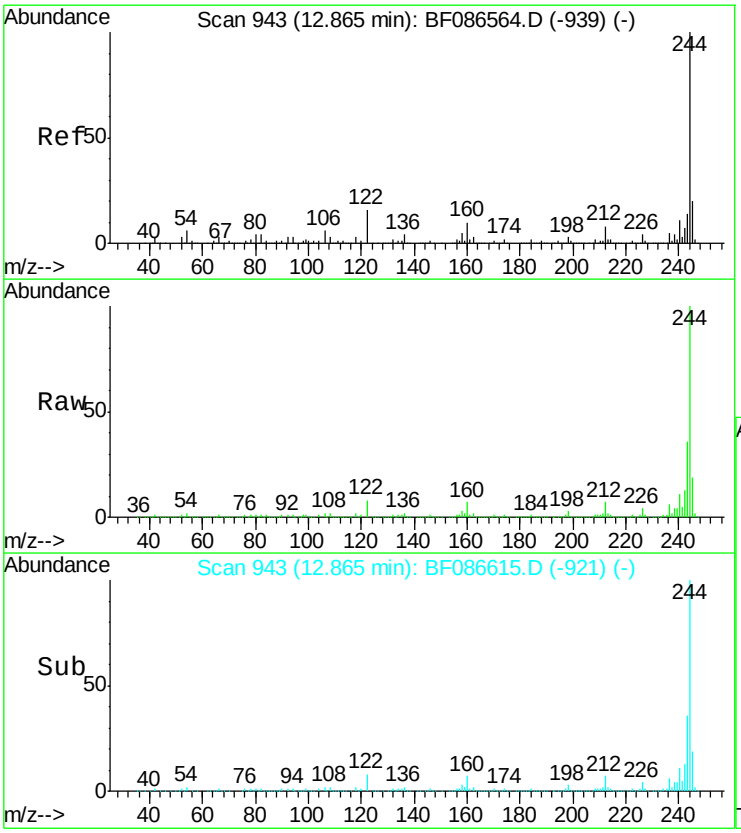
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.07 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-4(0-12FTBGS)

Tgt Ion:240 Resp: 303639

Ion	Ratio	Lower	Upper
240	100		
120	16.2	11.2	16.8
236	29.0	21.2	31.8

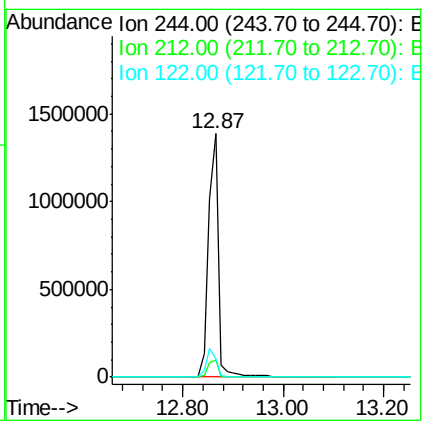


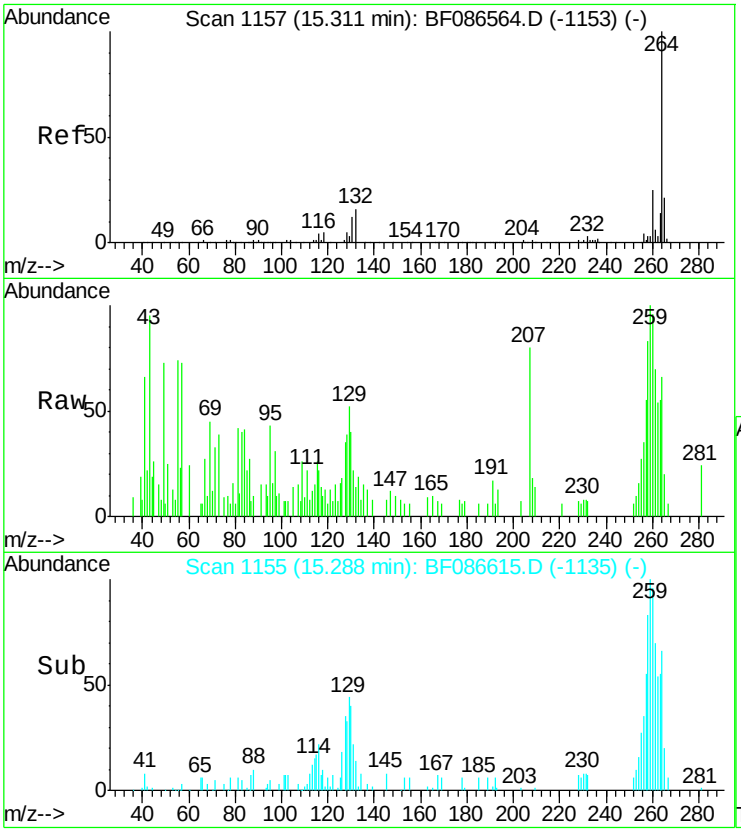


#78
Terphenyl-d14
Concen: 137.00 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.05 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Tgt Ion:244 Resp: 1888187

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	7.5	12.0	18.0#



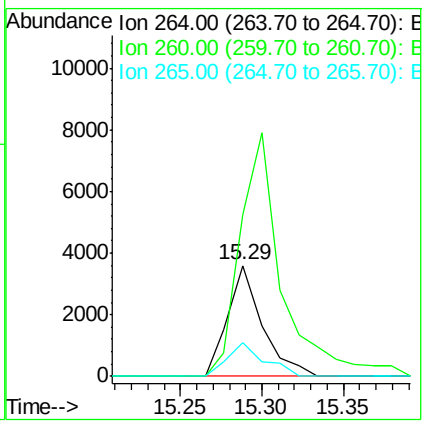


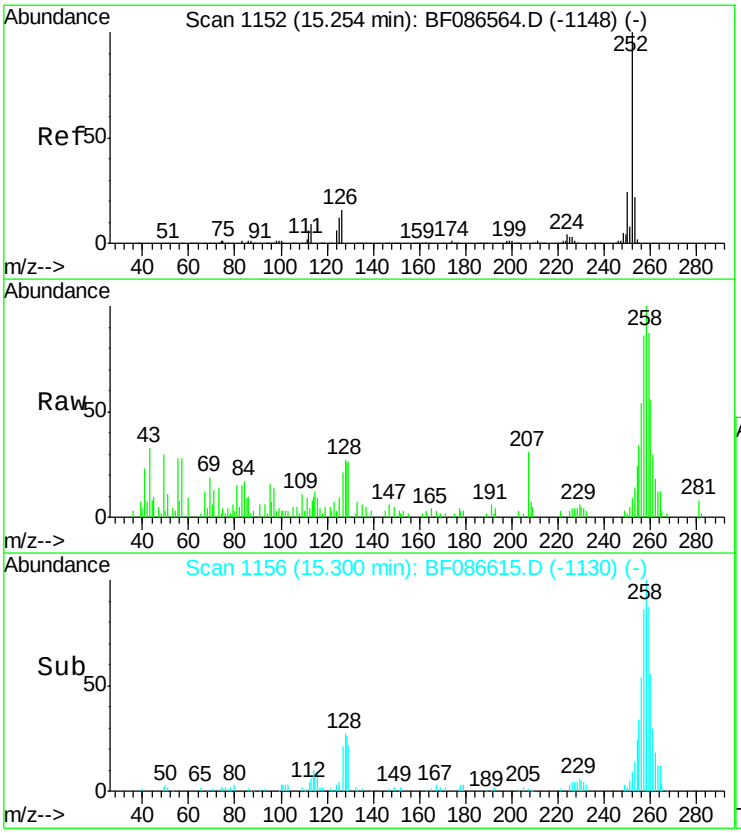
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.07 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-4(0-12FTBGS)

Tgt Ion:264 Resp: 5274

Ion	Ratio	Lower	Upper
264	100		
260	146.0	19.5	29.3#
265	29.9	17.3	25.9#





#89
Benzo(a)pyrene
Concen: 6.23 ng
RT: 15.30 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF086615.D
Acq: 2 May 2016 14:06

Tgt Ion:252 Resp: 1825

Ion	Ratio	Lower	Upper
252	100		
253	166.2	17.2	25.8#
125	102.2	9.0	13.6#