Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050416\
Data File : BF086688.D
Acq On : 4 May 2016 20:39
Operator : UM/SJ
Sample : H2715-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: May 05 01:37:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	157710	40.00	ng		0.00
21) Naphthalene-d8	8.02	136	559316	40.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	236151	40.00	ng		0.00
63) Phenanthrene-d10	11.25	188	360144	40.00	ng		0.00
75) Chrysene-d12	13.88	240	299816	40.00	ng		0.00
86) Perylene-d12	15.28	264	272778	40.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1212288	127.25	ng		0.01
7) Phenol-d6	6.38	99	1520804	118.51	ng		0.01
23) Nitrobenzene-d5	7.31	82	1170377	107.53	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	305261	132.14	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1333691	92.58	ng		0.00
78) Terphenyl-d14	12.84	244	806180	54.34	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	6.90	79	19577	2.36	ng	#	36
19) n-Nitroso-di-n-propylamine	7.31	70	168321	19.20	ng	#	78
25) Isophorone	7.31	82	1095651	54.05	ng	#	68
32) Benzoic acid	7.82	122	218	8.47	ng	#	61
49) Dimethylphthalate	9.49	163	203029	11.53	ng		100
56) 2,4-Dinitrotoluene	9.78	165	31211	6.67	ng	#	17
64) 4,6-Dinitro-2-methylphenol	10.57	198	748	5.68	ng	#	1
66) 4-Bromophenyl-phenylether	10.57	248	18196	5.08	ng	#	1
70) Phenanthrene	11.28	178	359610	18.59	ng		100
71) Anthracene	11.33	178	89939	4.44	ng		99
72) Carbazole	11.49	167	36529	2.08	ng		96
74) Fluoranthene	12.46	202	481094	24.82	ng		95
76) Benzidine	12.61	184	763	7.17	ng	#	1
77) Pyrene	12.69	202	422343	17.67	ng		99
80) Benzo(a)anthracene	13.88	228	206751	12.19	ng		99
82) Chrysene	13.88	228	206751	11.43	ng		96
85) Indeno(1,2,3-cd)pyrene	16.59	276	72597	4.68	ng	#	91
87) Benzo(b)fluoranthene	14.89	252	283186	17.28	ng		97
88) Benzo(k)fluoranthene	14.89	252	283186	18.34	ng	#	94
89) Benzo(a)pyrene	15.22	252	143998	9.54	ng	#	92
91) Benzo(g,h,i)perylene	16.99	276	63490	4.17	ng		97

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

Quantitation Report (Not Reviewed)

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Acq On : 4 May 2016 20:39
Operator : UM/SJ
Sample : H2715-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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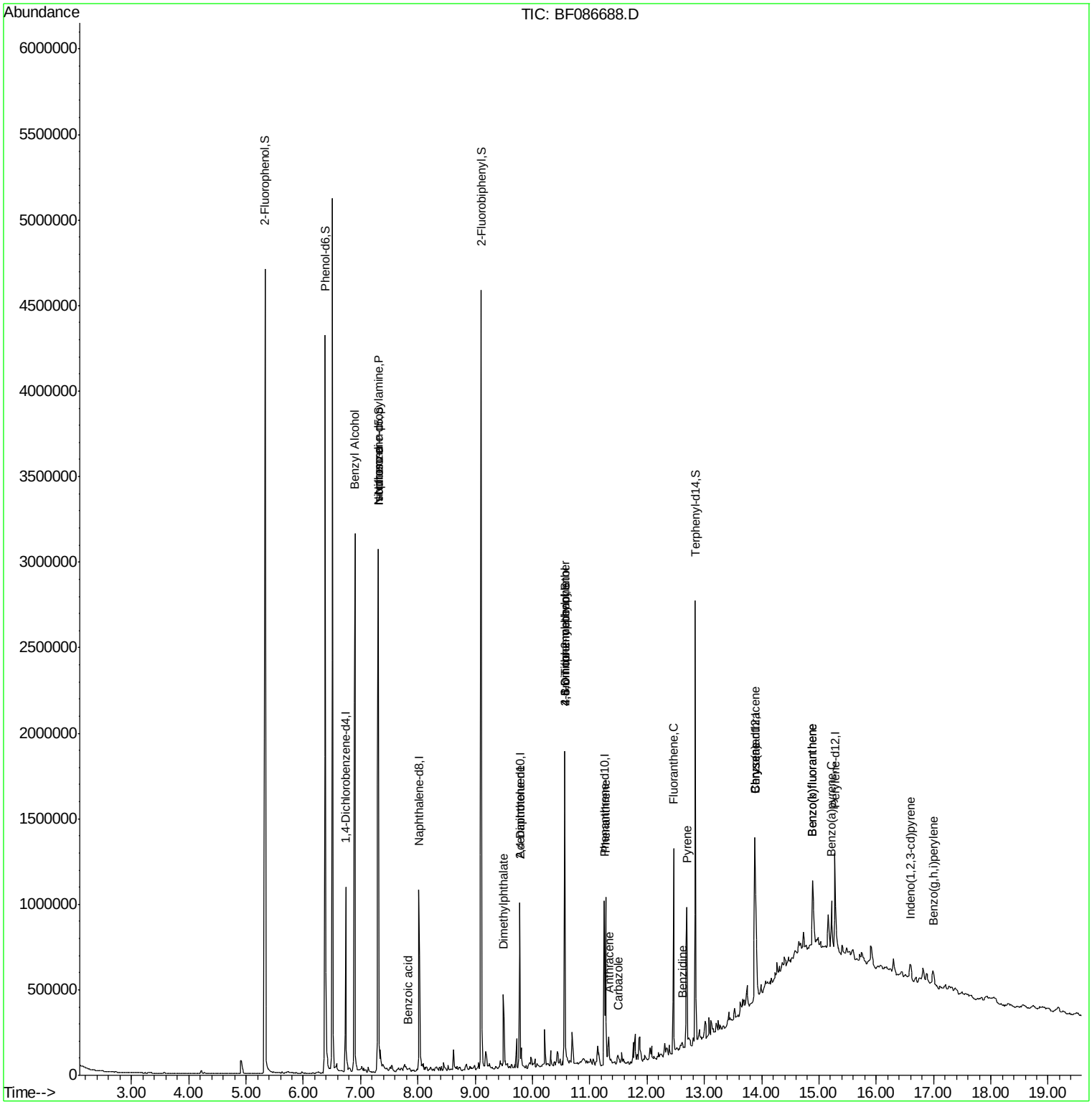
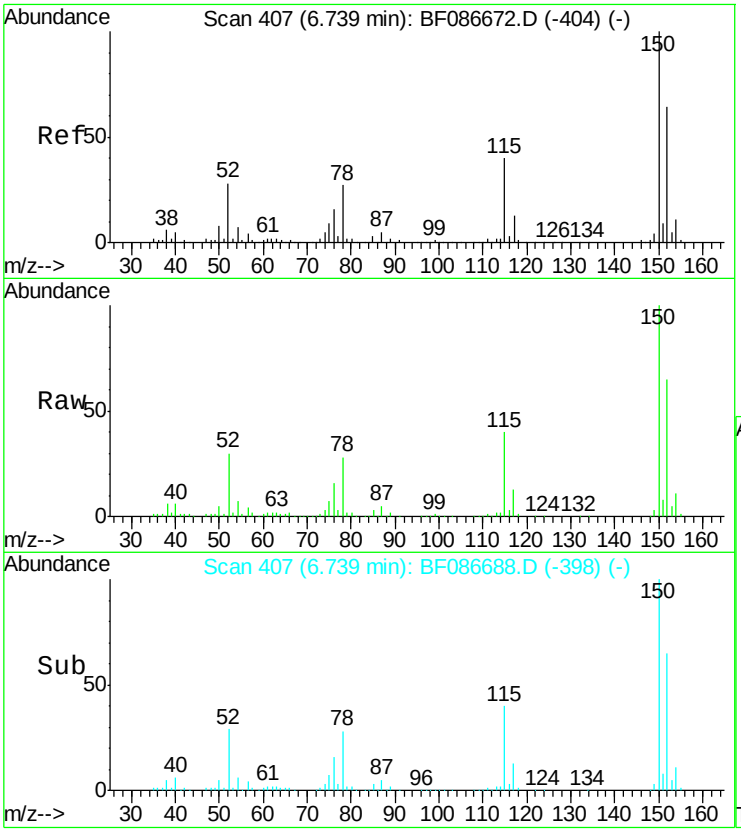


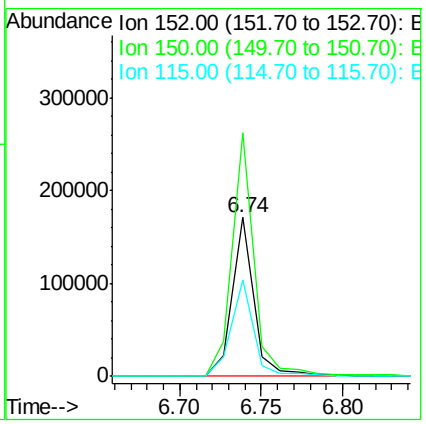


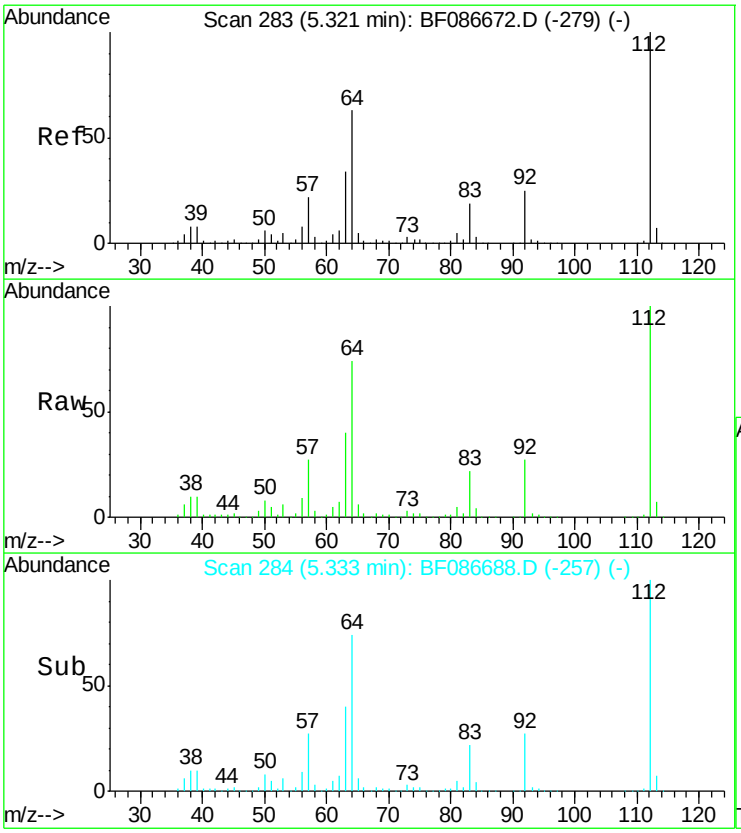
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

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

Tgt Ion:152 Resp: 157710

Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.8	188.6
115	60.9	51.5	77.3

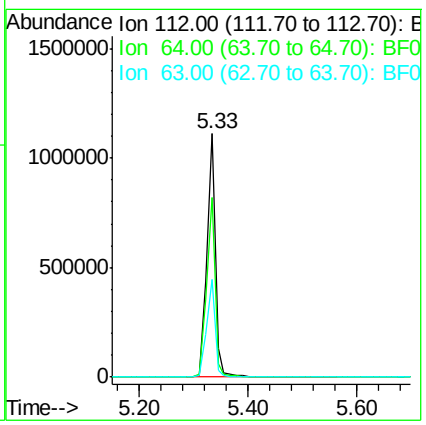


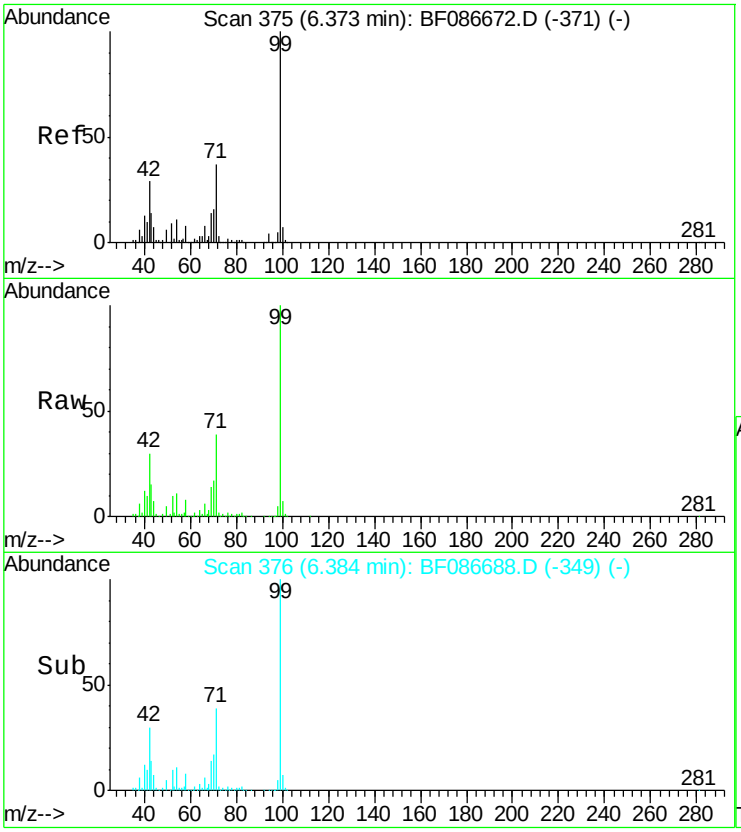


#5
2-Fluorophenol
Concen: 127.25 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.01 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

Tgt Ion:112 Resp: 1212288

Ion	Ratio	Lower	Upper
112	100		
64	73.6	52.1	78.1
63	40.2	25.7	38.5#



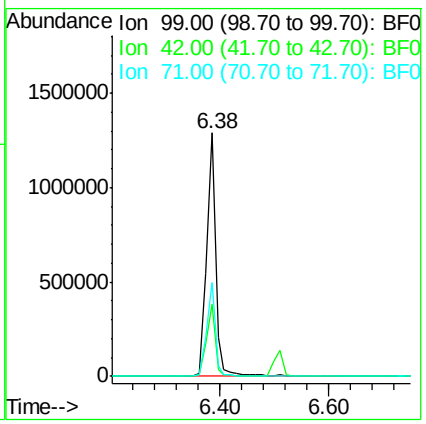


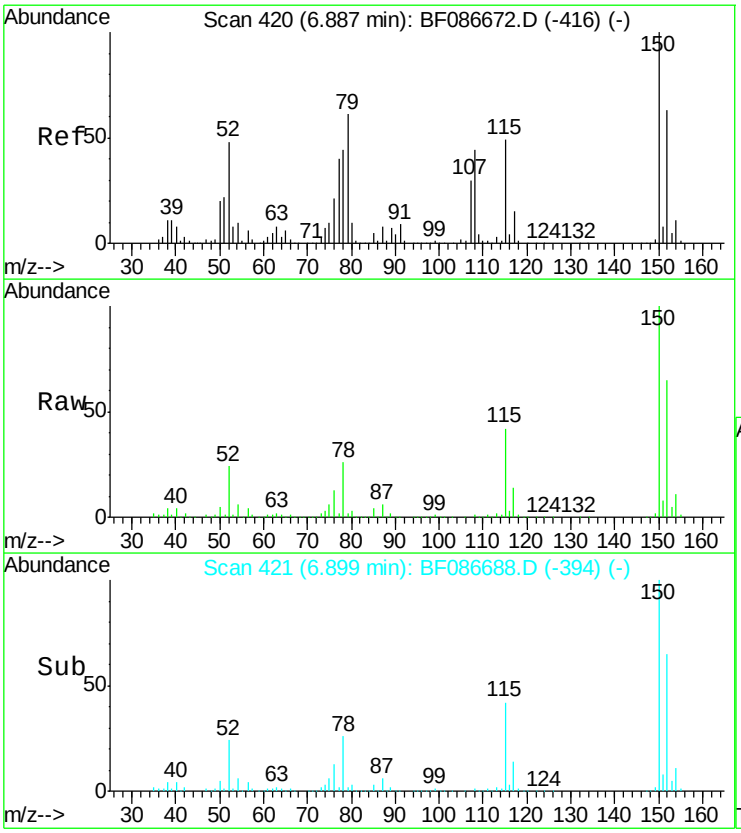
#7
Phenol-d6
Concen: 118.51 ng
RT: 6.38 min Scan# 376
Delta R.T. 0.01 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

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

Tgt Ion: 99 Resp: 1520804

Ion	Ratio	Lower	Upper
99	100		
42	29.7	13.6	20.4#
71	38.7	24.6	36.8#

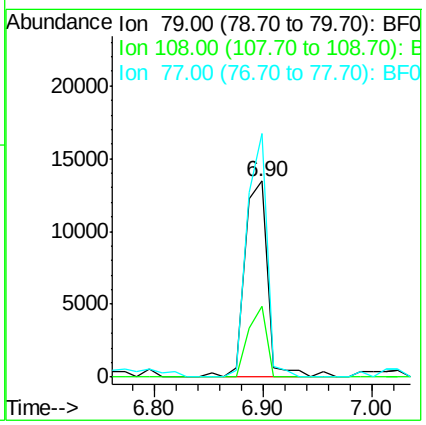


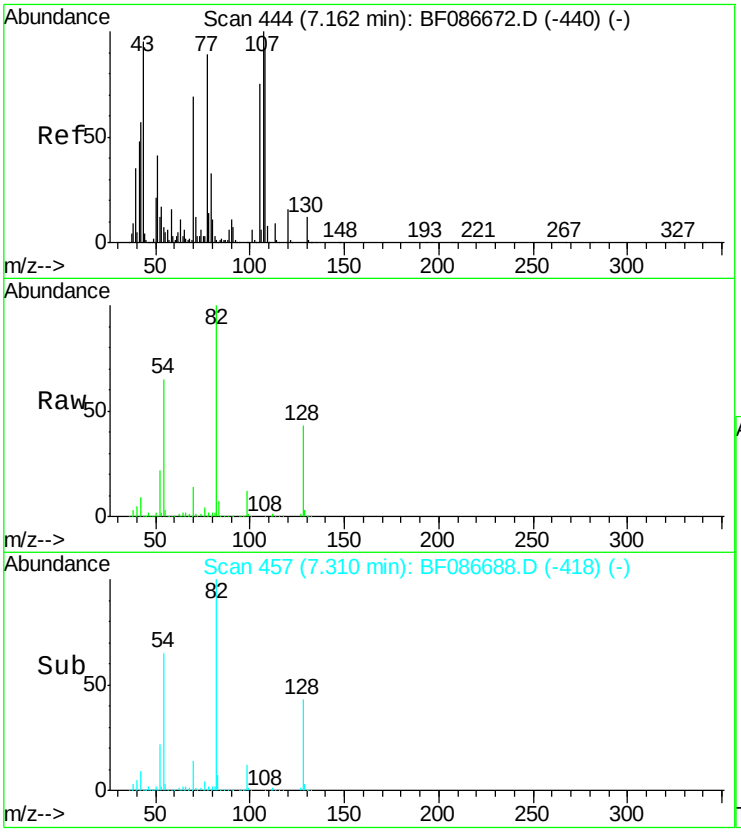


#15
Benzyl Alcohol
Concen: 2.36 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.01 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

Tgt Ion: 79 Resp: 19577

Ion	Ratio	Lower	Upper
79	100		
108	36.0	68.4	102.6#
77	124.5	50.6	76.0#



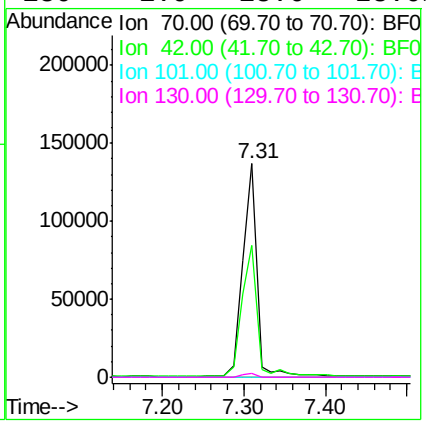


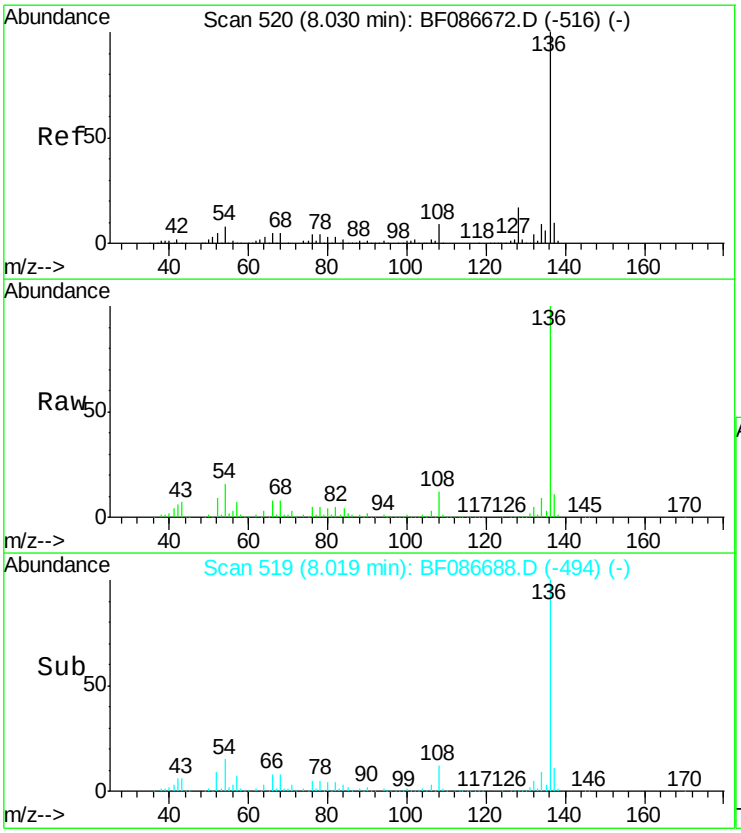
#19
n-Nitroso-di-n-propylamine
Concen: 19.20 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.15 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

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

Tgt Ion: 70 Resp: 168321

Ion	Ratio	Lower	Upper
70	100		
42	61.8	43.1	64.7
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#

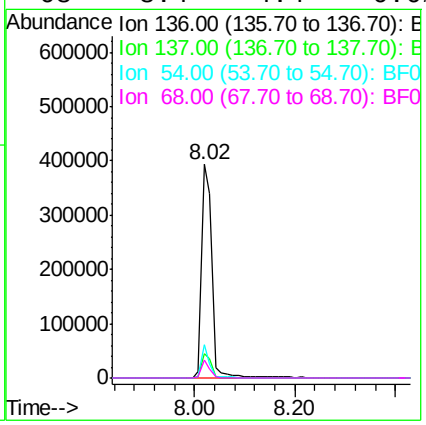


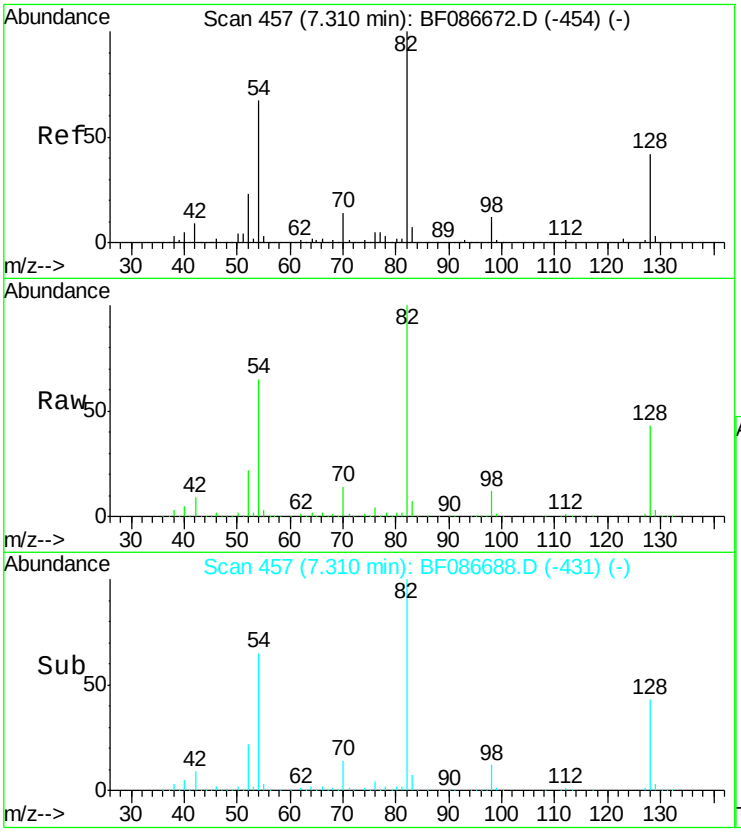


#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

Tgt Ion:136 Resp: 559316

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	15.5	5.0	7.4#
68	8.4	4.4	6.6#



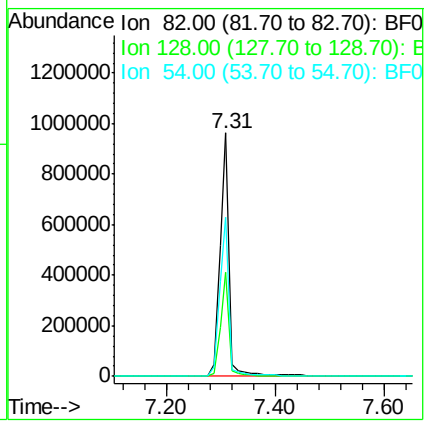


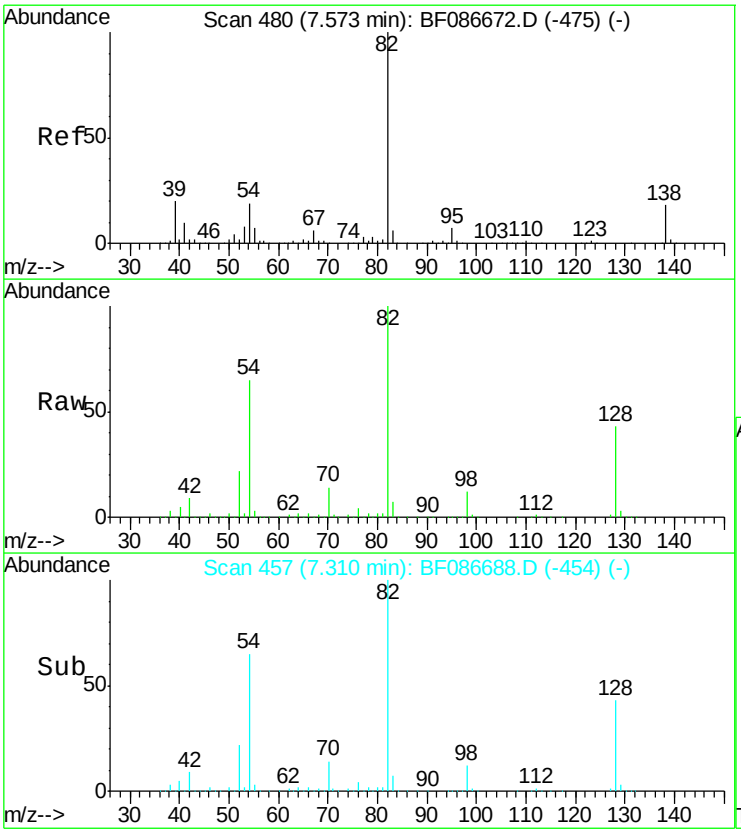
#23
Nitrobenzene-d5
Concen: 107.53 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

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

Tgt Ion: 82 Resp: 1170377

Ion	Ratio	Lower	Upper
82	100		
128	42.7	40.6	61.0
54	65.3	38.1	57.1#

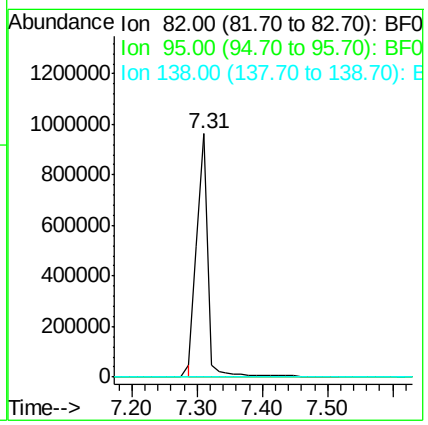


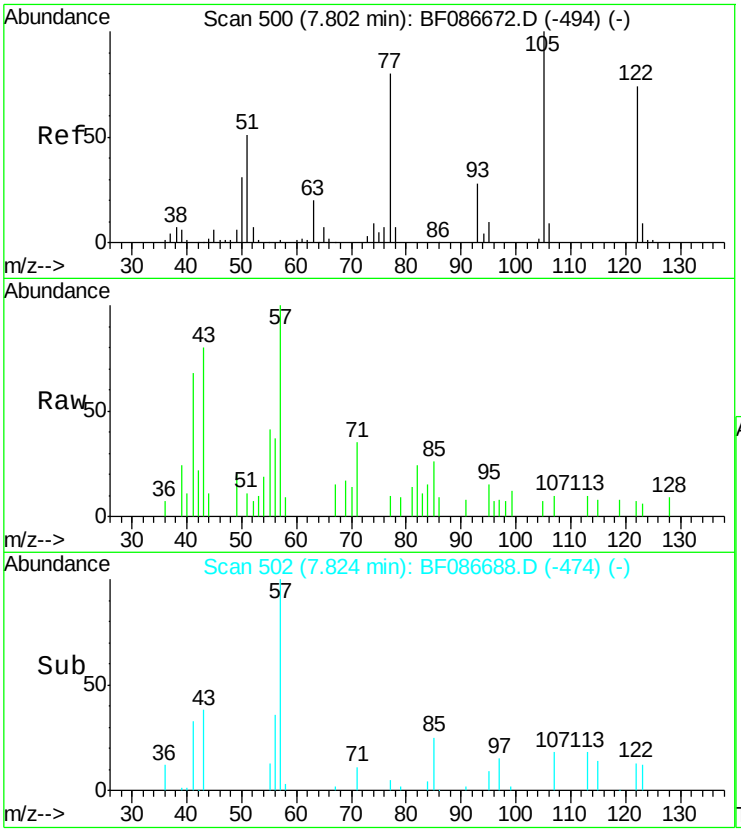


#25
Isophorone
Concen: 54.05 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.26 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

Tgt Ion: 82 Resp: 1095651

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.1	7.7#
138	0.0	12.4	18.6#



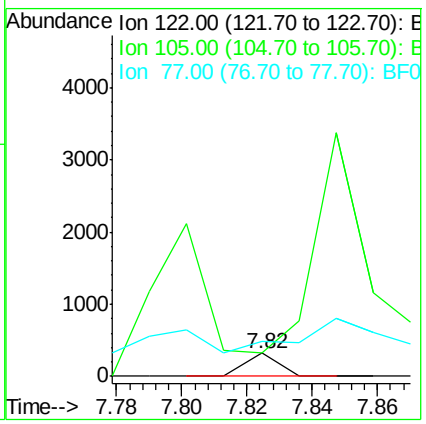


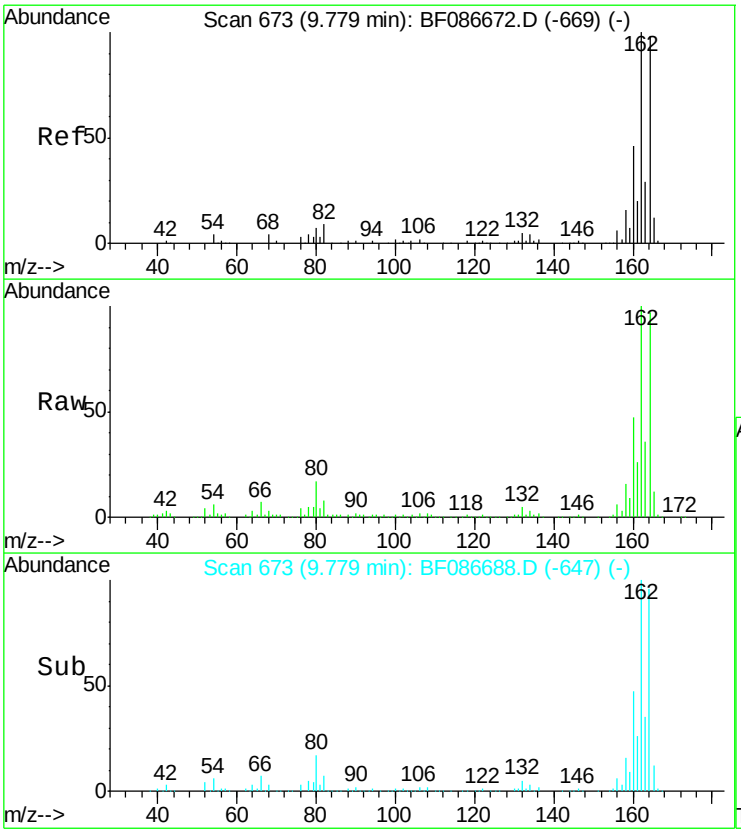
#32
Benzoic acid
Concen: 8.47 ng
RT: 7.82 min Scan# 502
Delta R.T. 0.02 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

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

Tgt Ion:122 Resp: 218

Ion	Ratio	Lower	Upper
122	100		
105	101.6	92.6	132.6
77	150.0	60.0	100.0#

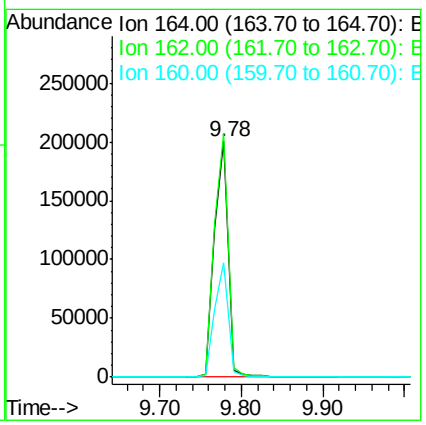


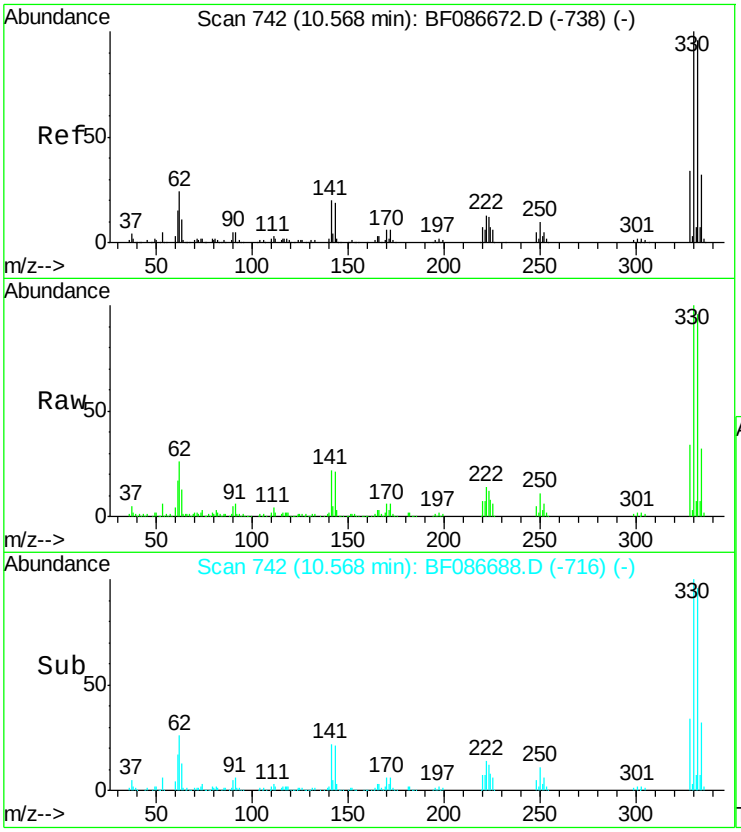


#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

Tgt Ion:164 Resp: 236151

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.8	124.2
160	48.8	36.9	55.3



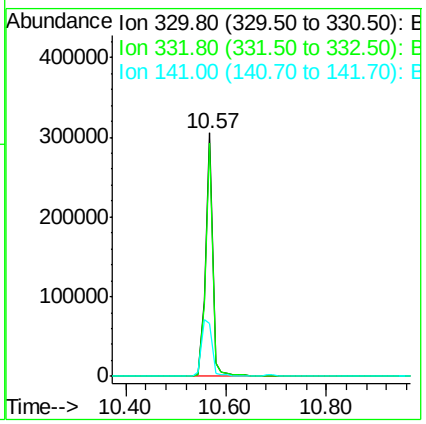


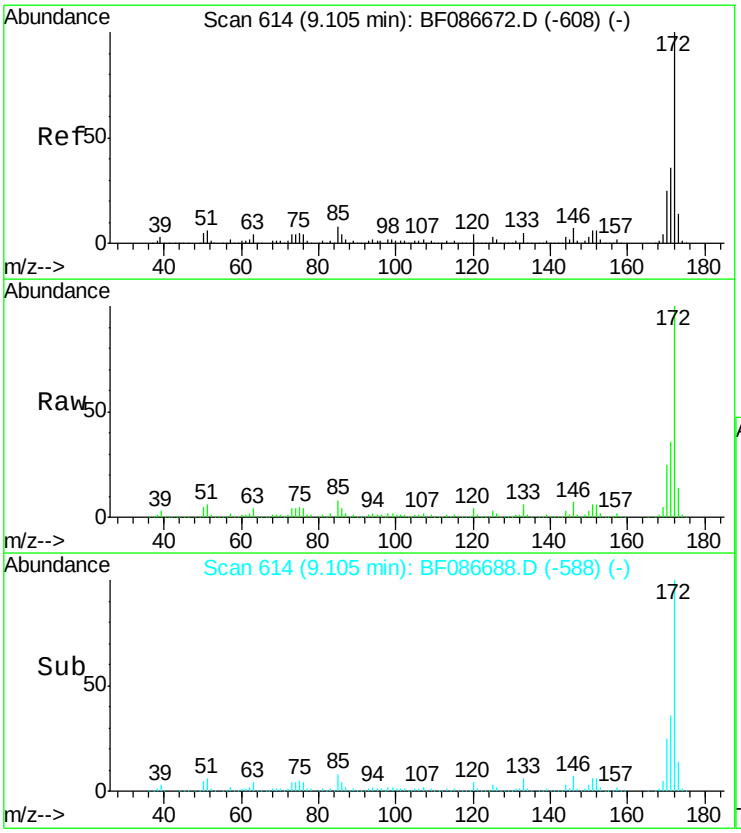
#41
2,4,6-Tribromophenol
Concen: 132.14 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

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

Tgt Ion:330 Resp: 305261

Ion	Ratio	Lower	Upper
330	100		
332	94.8	79.0	118.4
141	35.0	31.2	46.8

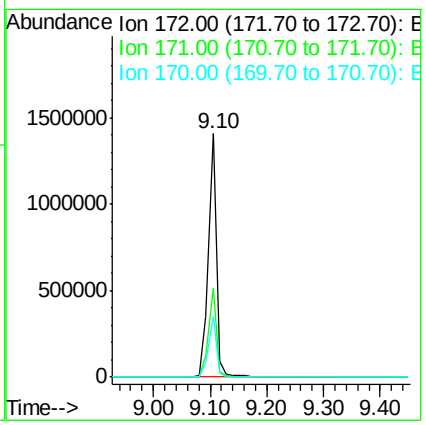


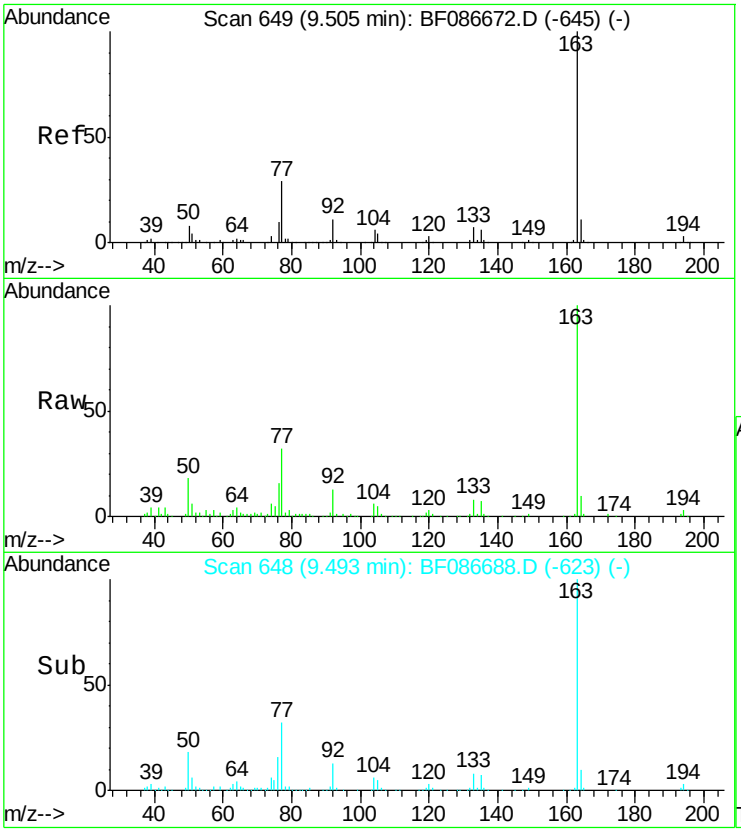


#44
2-Fluorobiphenyl
Concen: 92.58 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

Tgt Ion:172 Resp: 1333691

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.7	19.8	29.8



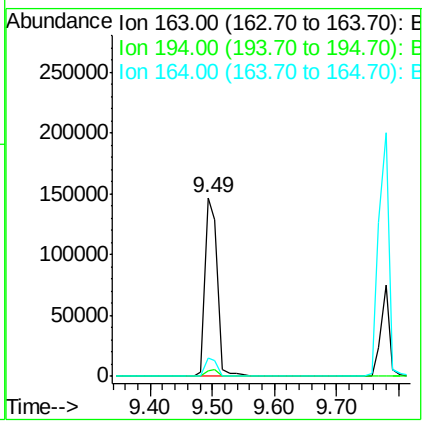


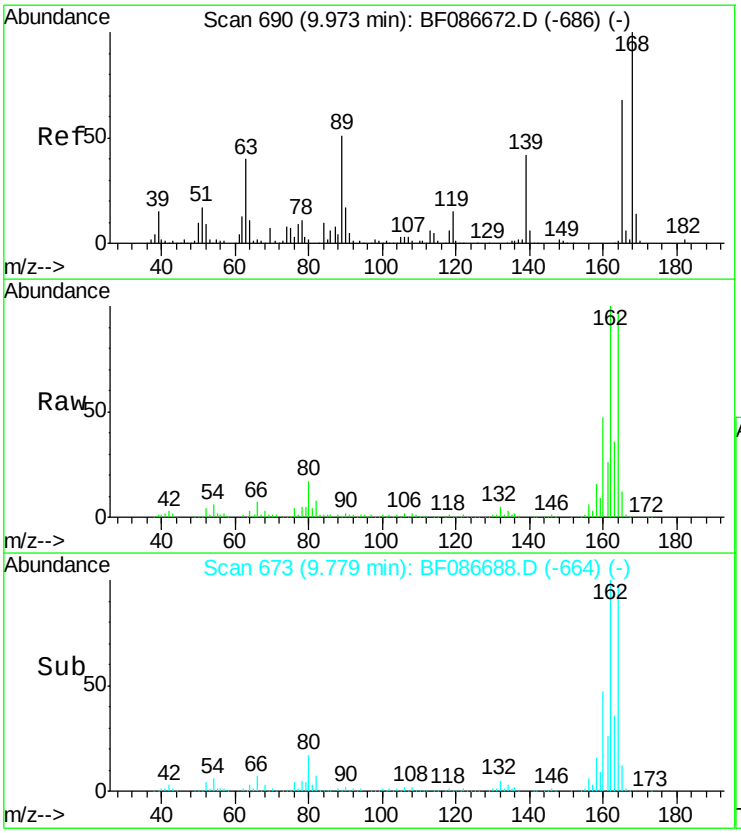
#49
Dimethylphthalate
Concen: 11.53 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

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

Tgt Ion:163 Resp: 203029

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.2	8.2	12.4

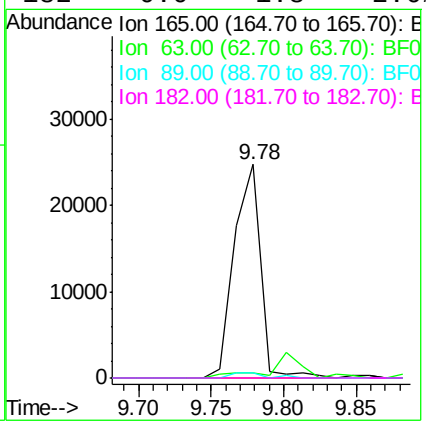


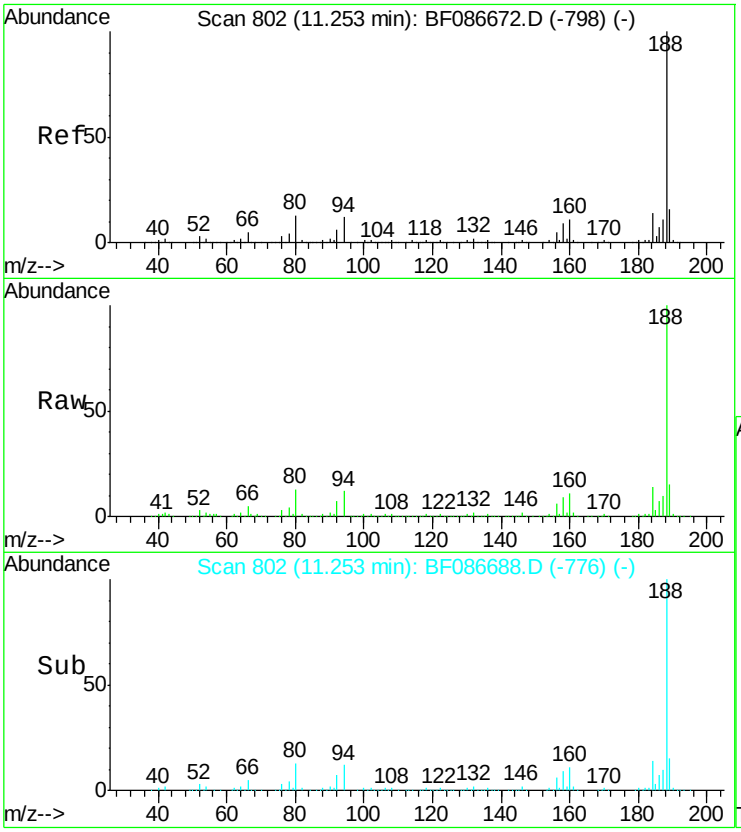


#56
2,4-Dinitrotoluene
Concen: 6.67 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.19 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

Tgt Ion:165 Resp: 31211

Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.3	66.5#
89	2.2	70.0	105.0#
182	0.0	1.8	2.6#



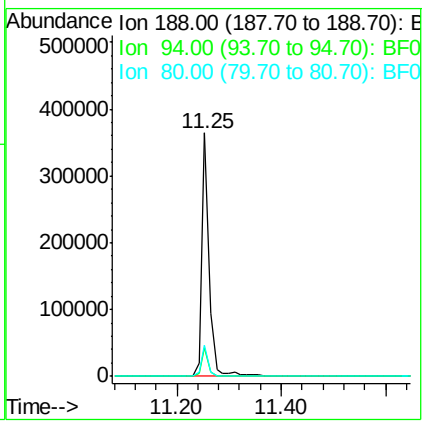


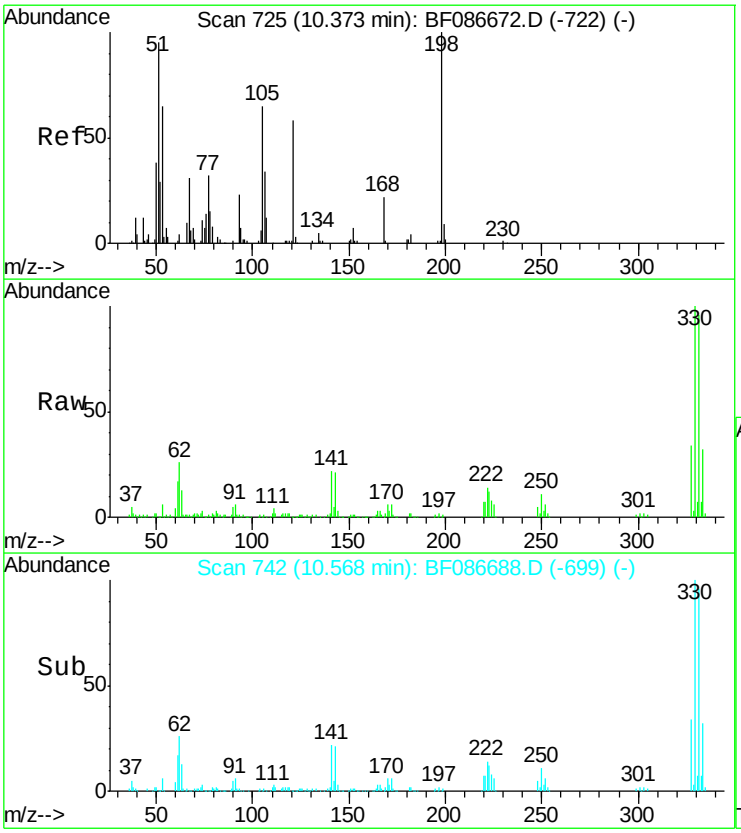
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

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

Tgt Ion:188 Resp: 360144

Ion	Ratio	Lower	Upper
188	100		
94	11.7	6.8	10.2#
80	12.7	7.1	10.7#

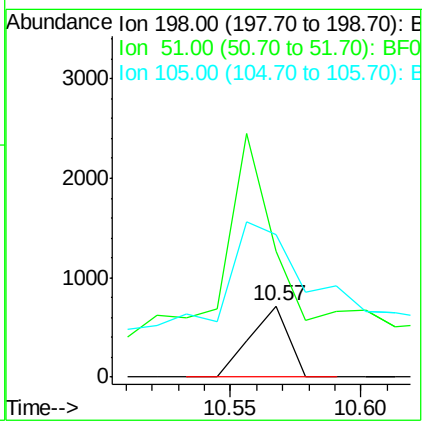


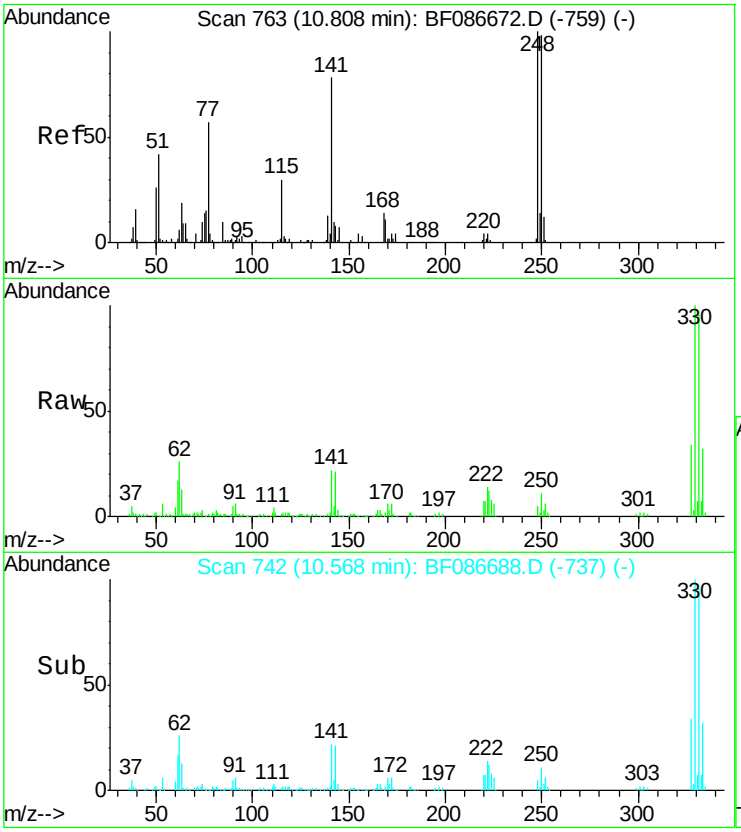


#64
4,6-Dinitro-2-methylphenol
Concen: 5.68 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.19 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

Tgt Ion:198 Resp: 748

Ion	Ratio	Lower	Upper
198	100		
51	175.5	20.5	60.5#
105	199.3	24.5	64.5#



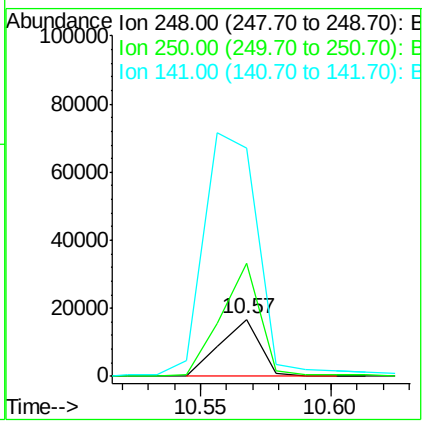


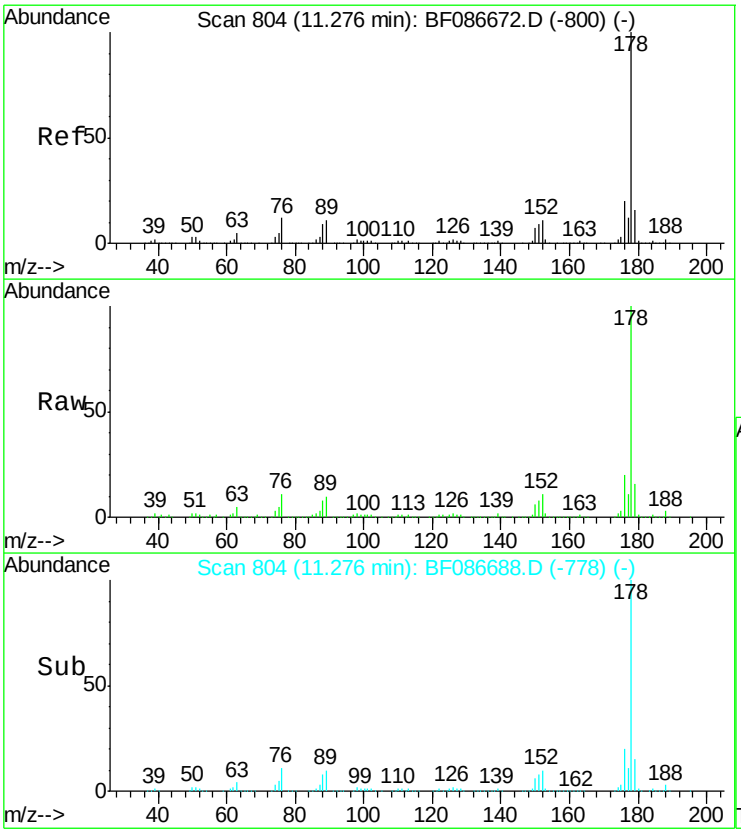
#66
4-Bromophenyl-phenylether
Concen: 5.08 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.24 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

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

Tgt Ion:248 Resp: 18196

Ion	Ratio	Lower	Upper
248	100		
250	197.5	78.6	117.8#
141	399.6	76.0	114.0#

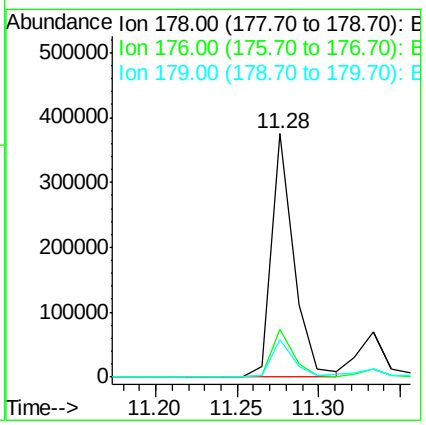


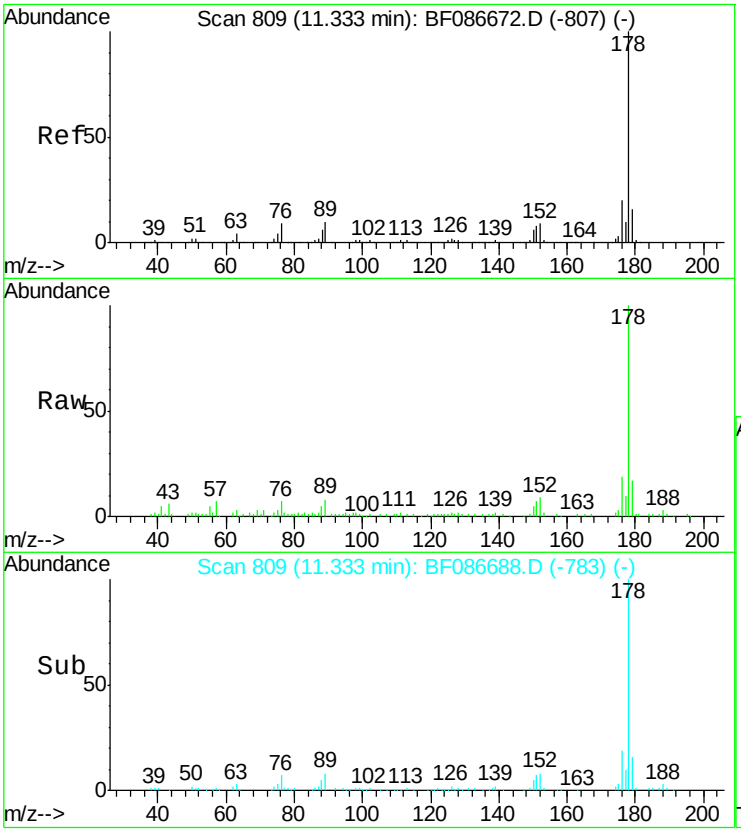


#70
Phenanthrene
Concen: 18.59 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

Tgt Ion:178 Resp: 359610

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	15.6	12.6	18.8



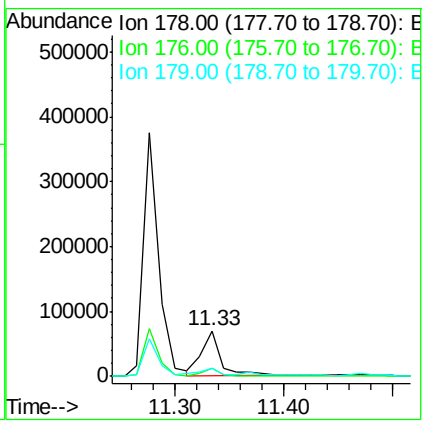


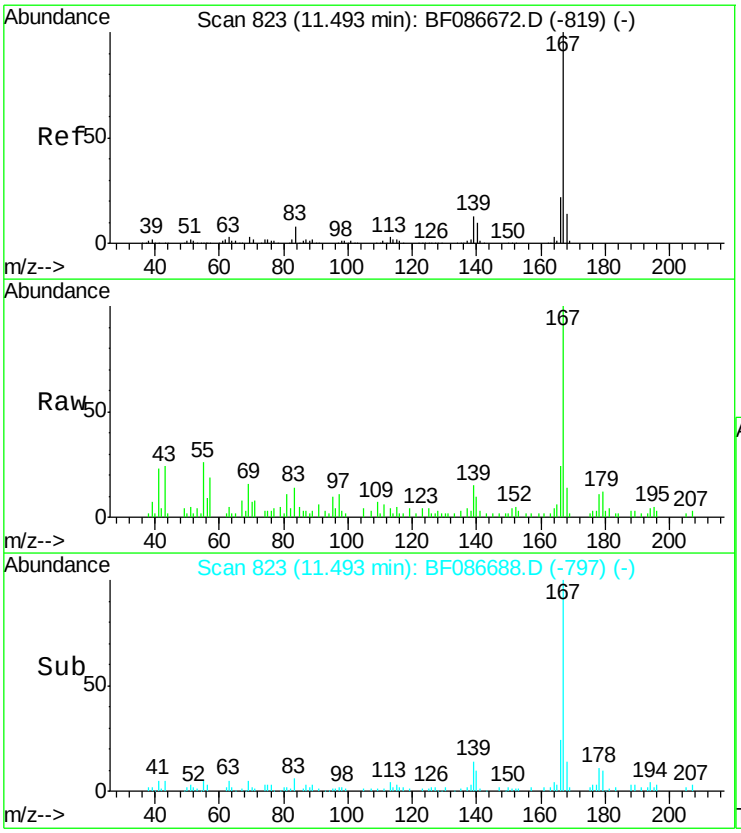
#71
Anthracene
Concen: 4.44 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

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

Tgt Ion:178 Resp: 89939

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	16.6	12.7	19.1

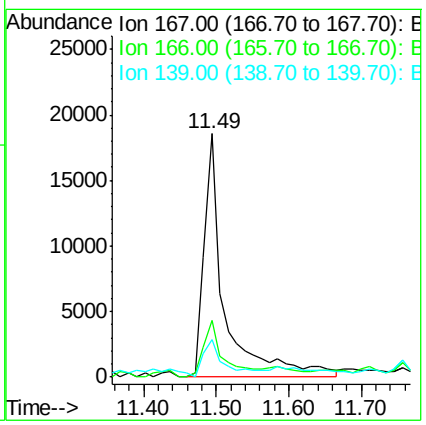


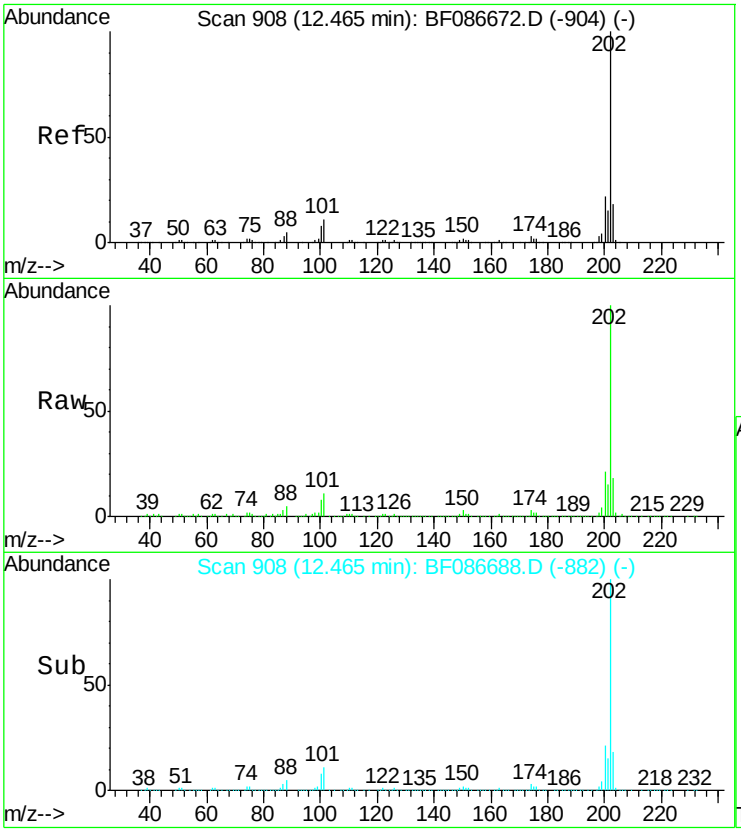


#72
Carbazole
Concen: 2.08 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

Tgt Ion:167 Resp: 36529

Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.7	26.5
139	15.3	10.8	16.2



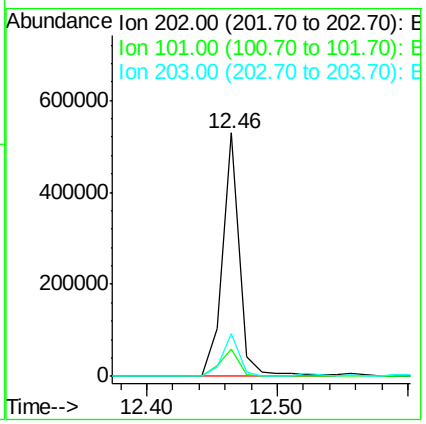


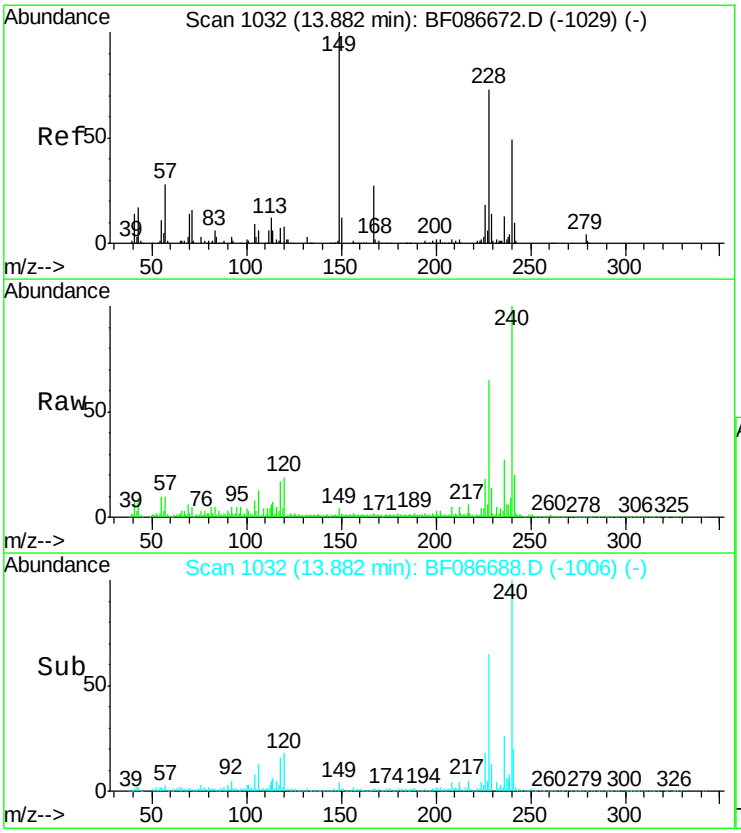
#74
Fluoranthene
Concen: 24.82 ng
RT: 12.46 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

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

Tgt Ion:202 Resp: 481094

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	35.4
203	17.7	0.0	38.1

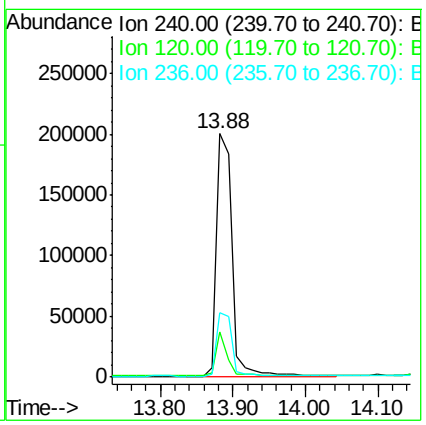


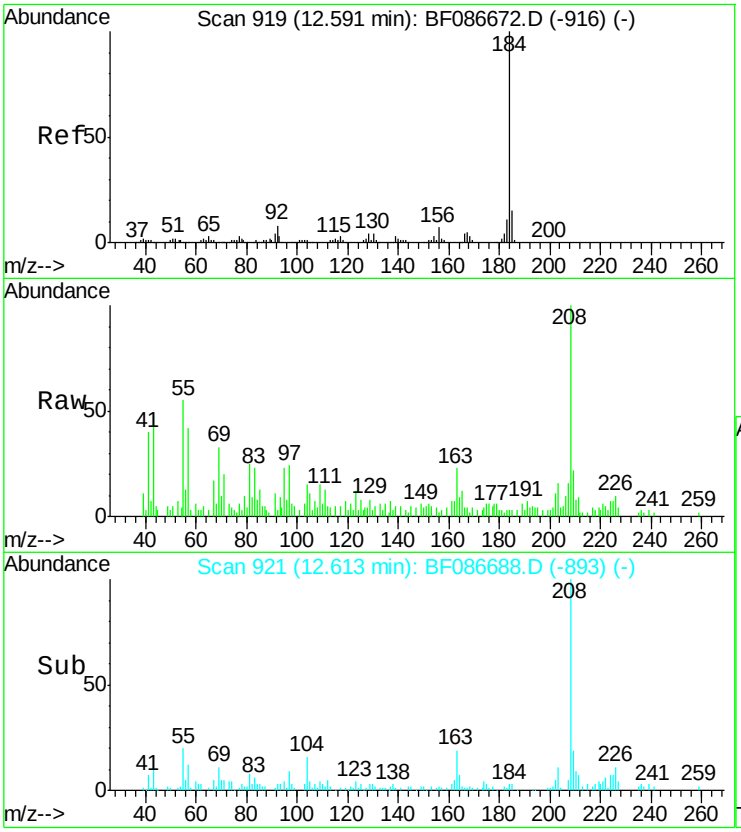


#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

Tgt Ion:240 Resp: 299816

Ion	Ratio	Lower	Upper
240	100		
120	18.6	11.2	16.8#
236	26.6	21.2	31.8



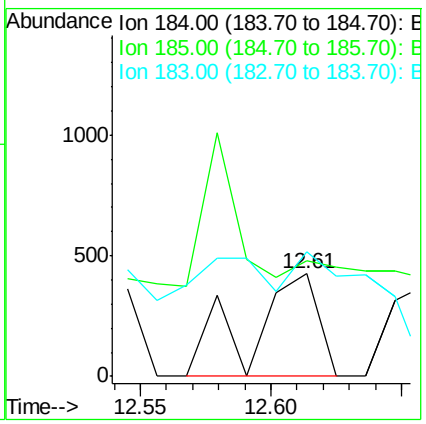


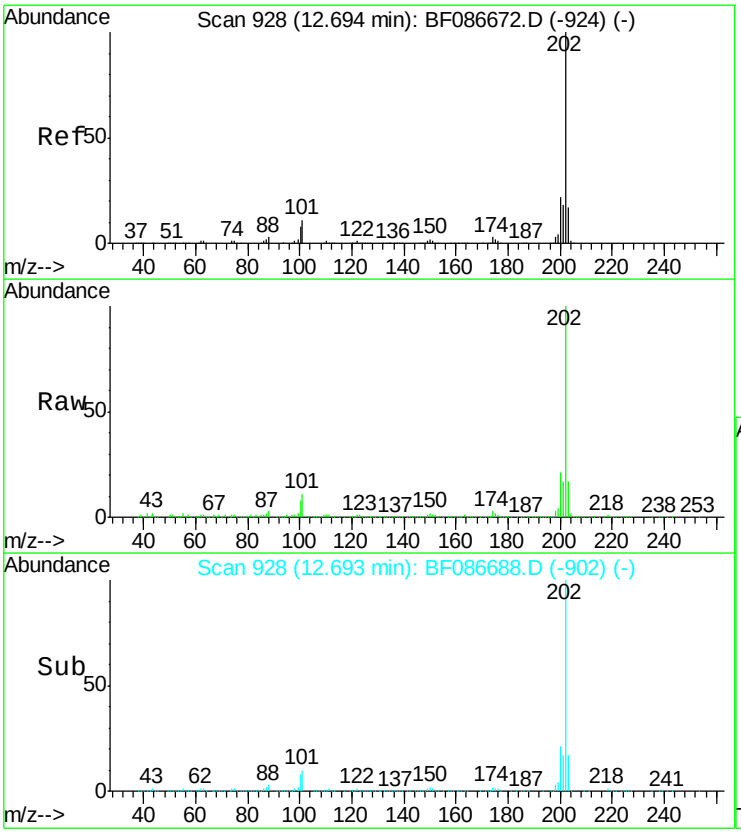
#76
Benzidine
Concen: 7.17 ng
RT: 12.61 min Scan# 921
Delta R.T. 0.02 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

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

Tgt Ion:184 Resp: 763

Ion	Ratio	Lower	Upper
184	100		
185	112.0	13.6	20.4#
183	120.7	9.8	14.6#

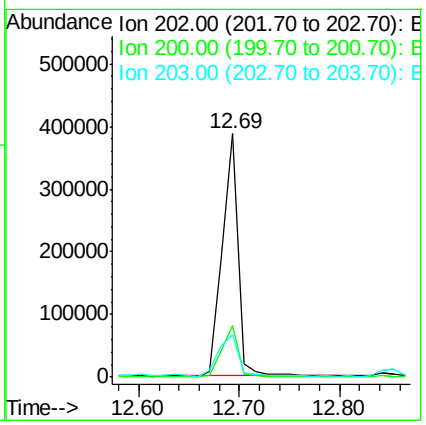


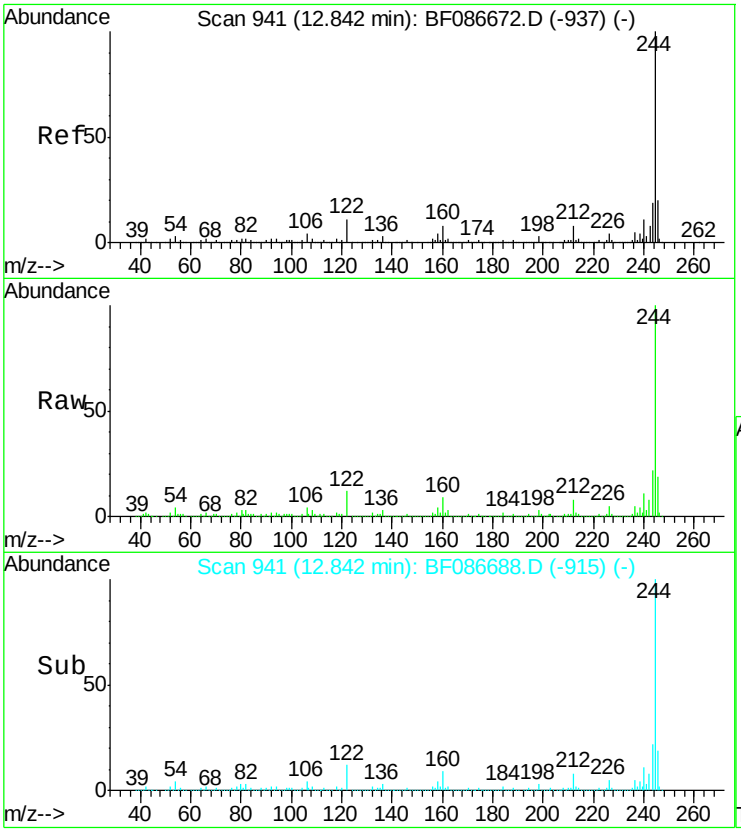


#77
Pyrene
Concen: 17.67 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

Tgt Ion:202 Resp: 422343

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	17.4	14.2	21.4



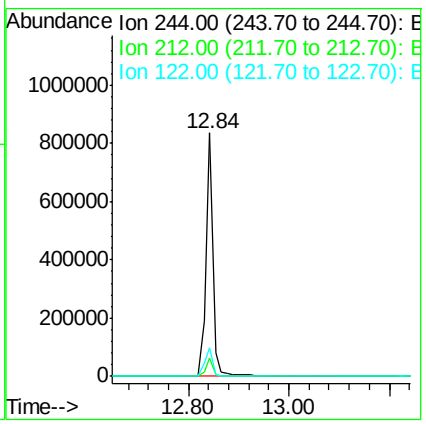


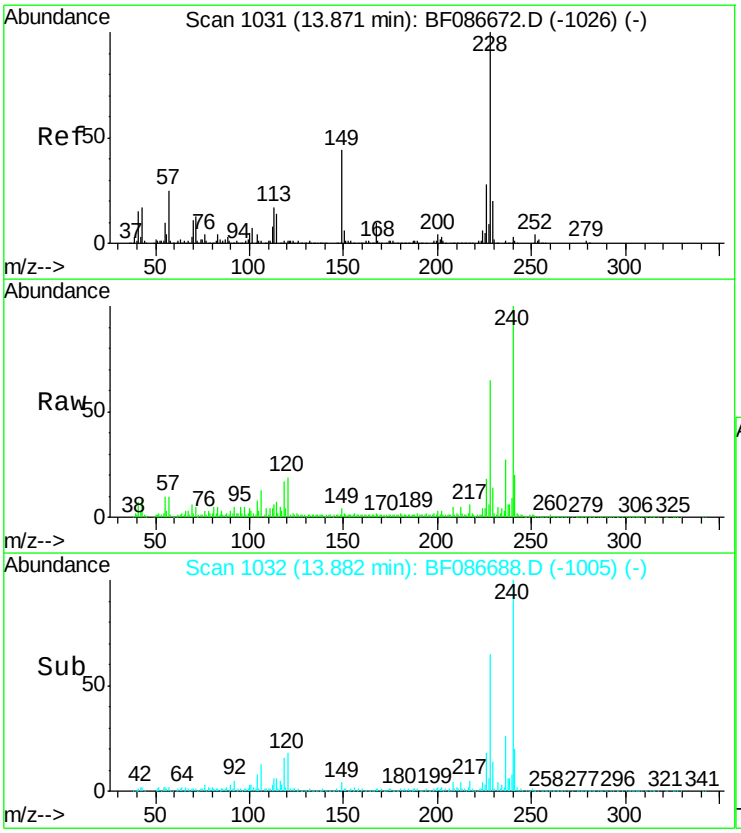
#78
Terphenyl-d14
Concen: 54.34 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

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

Tgt Ion:244 Resp: 806180

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	11.8	12.0	18.0#

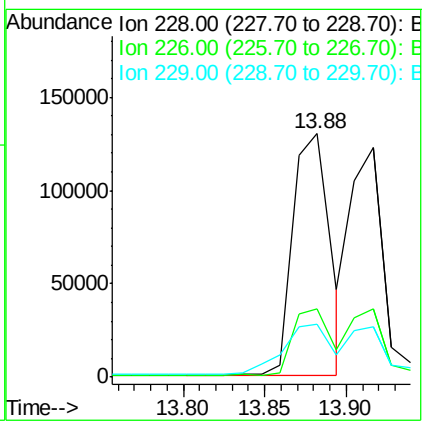


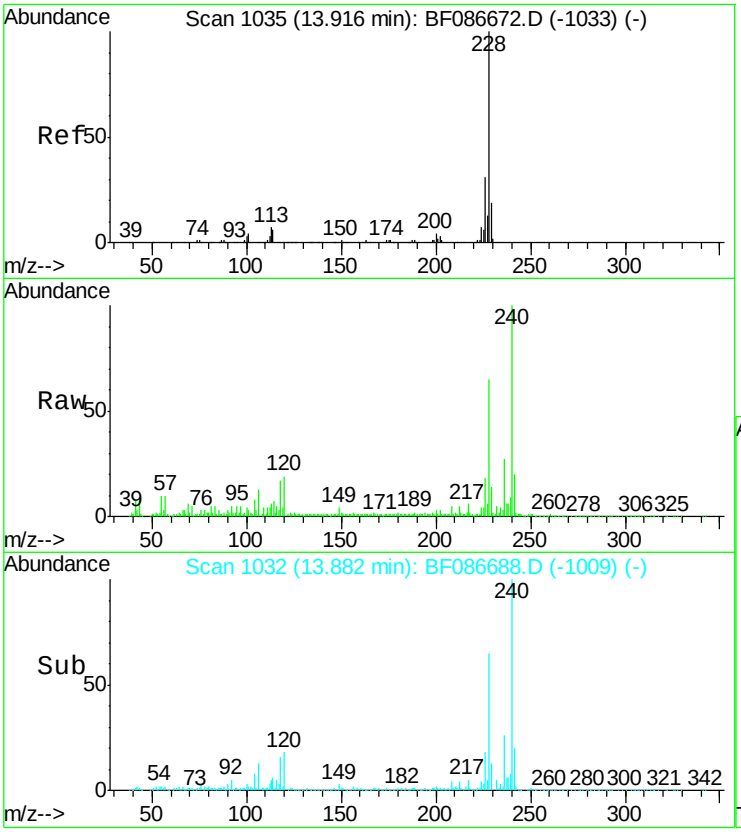


#80
Benzo(a)anthracene
Concen: 12.19 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

Tgt Ion:228 Resp: 206751

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	21.6	16.6	25.0



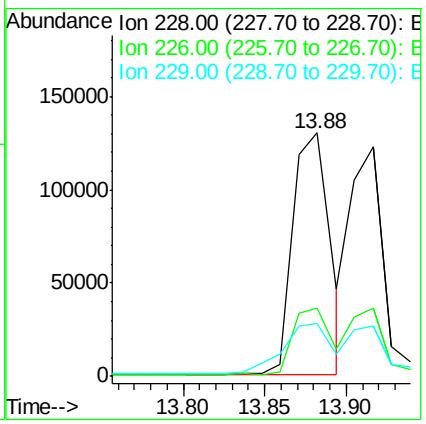


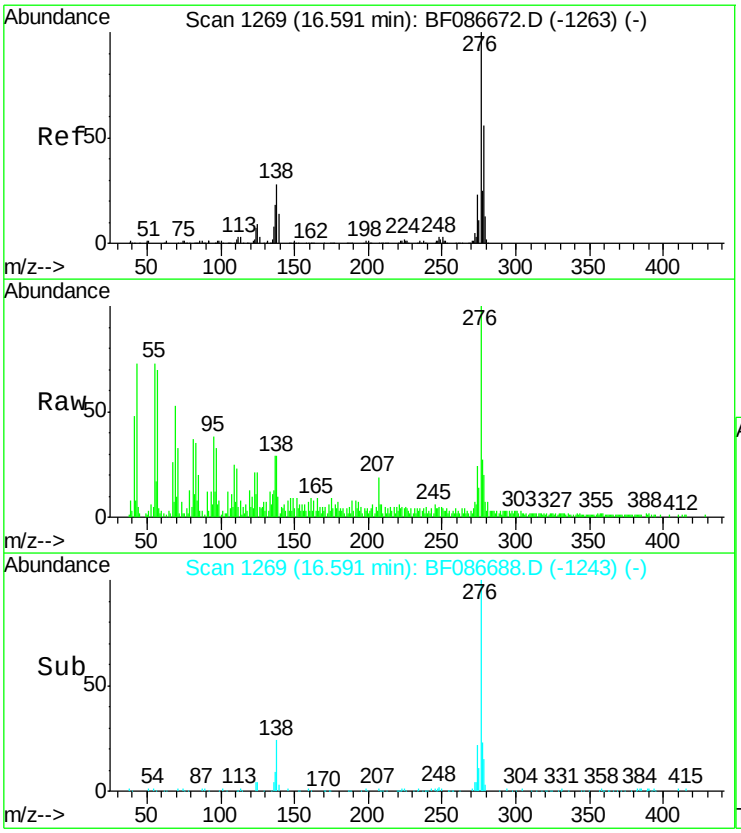
#82
Chrysene
Concen: 11.43 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

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

Tgt Ion:228 Resp: 206751

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.4	36.6
229	21.6	15.8	23.8

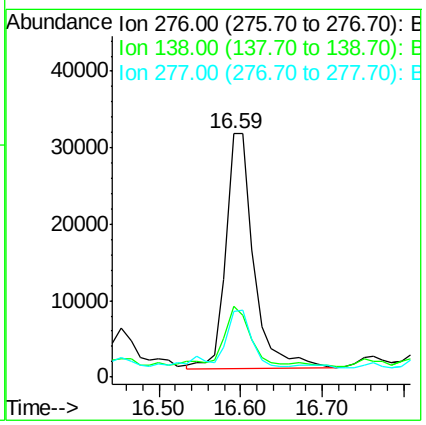


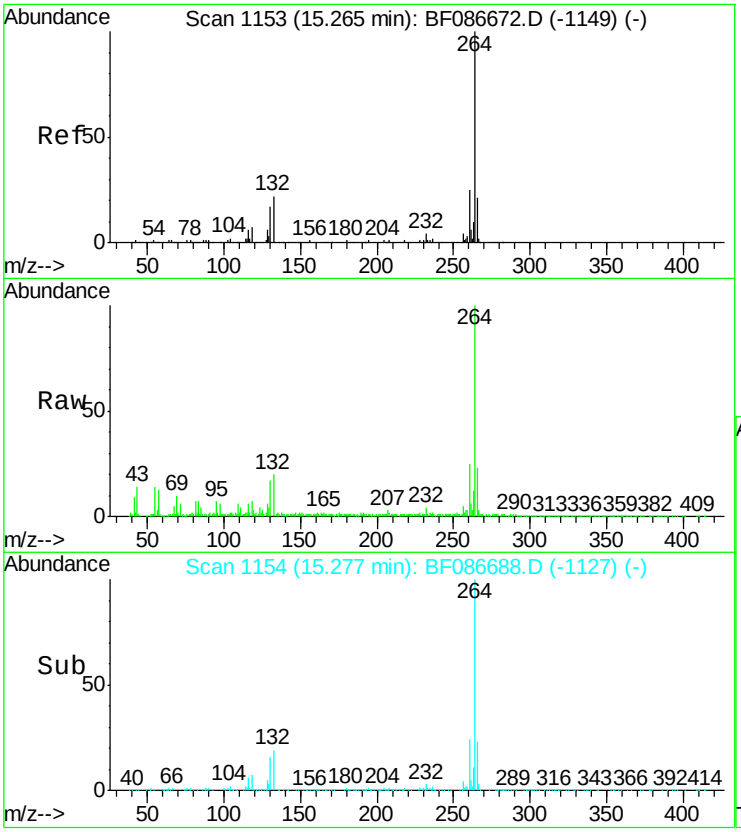


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.68 ng
RT: 16.59 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

Tgt Ion:276 Resp: 72597

Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.6	38.4#
277	23.8	20.5	30.7



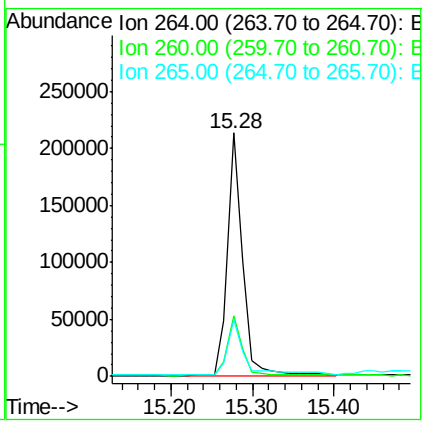


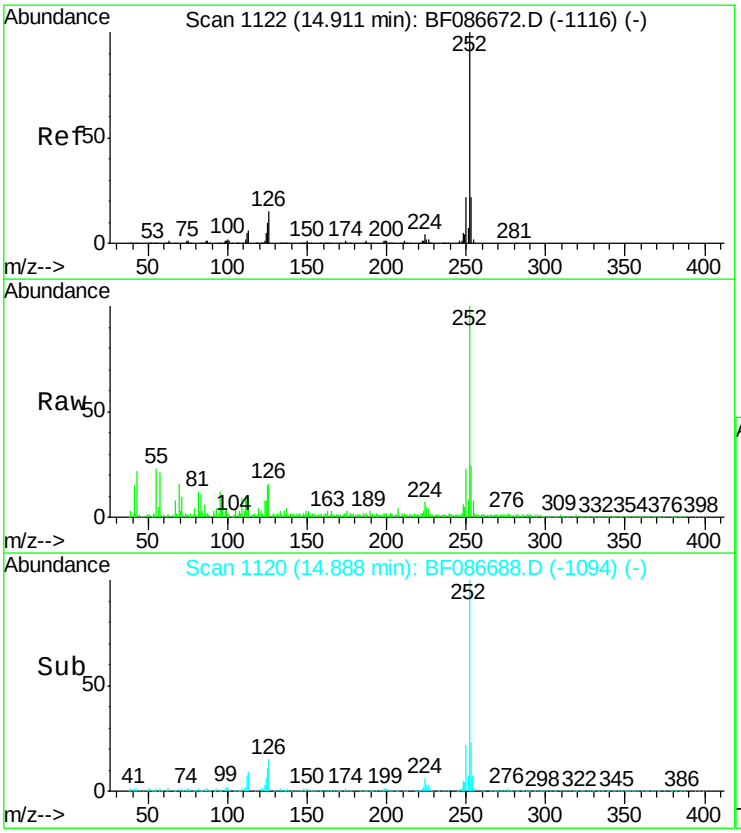
#86
Perylene-d12
Concen: 40.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

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

Tgt Ion:264 Resp: 272778

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	23.2	17.3	25.9

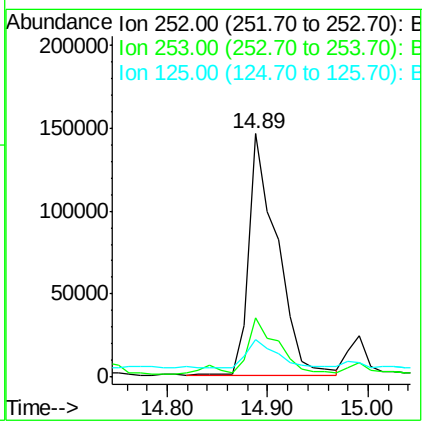


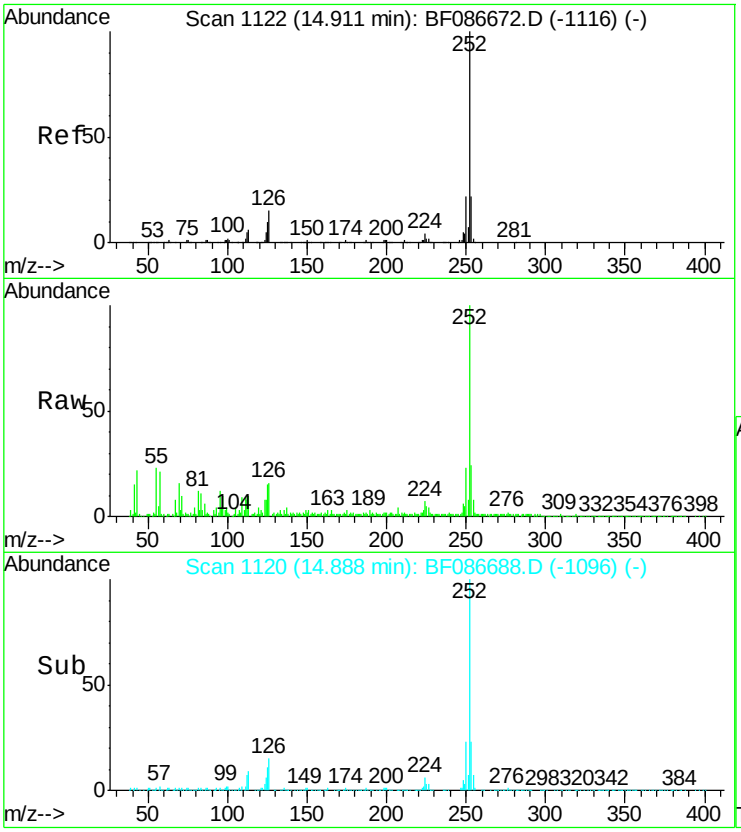


#87
Benzo(b)fluoranthene
Concen: 17.28 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

Tgt Ion:252 Resp: 283186

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	15.2	11.4	17.0



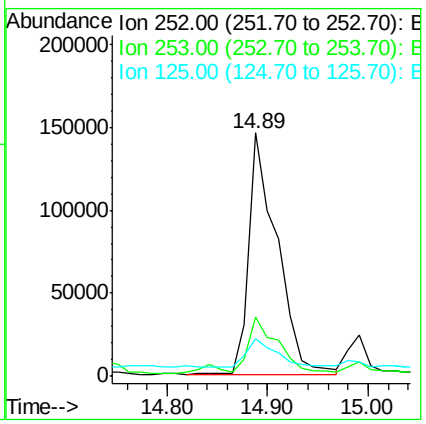


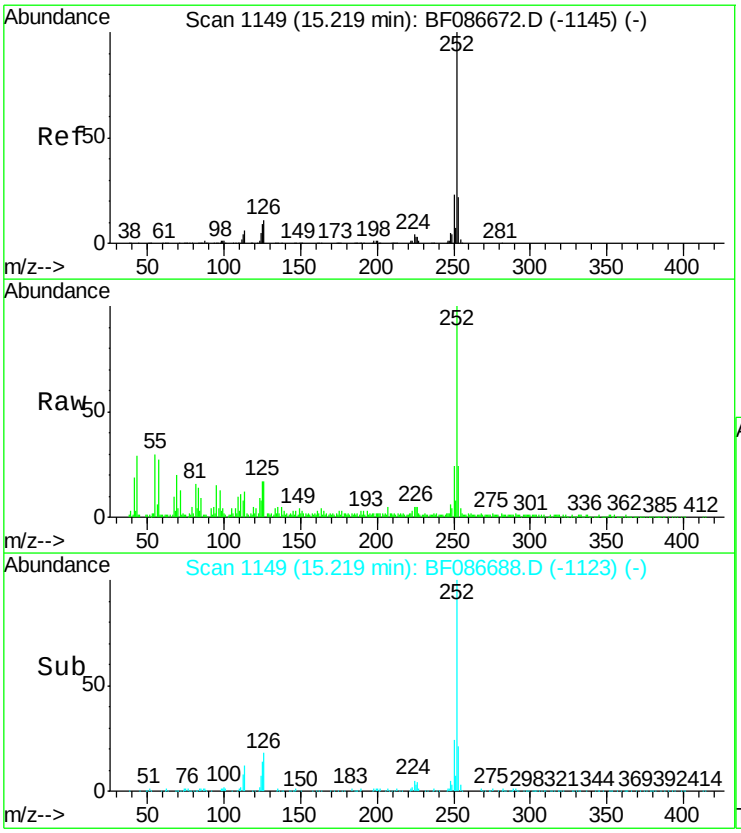
#88
Benzo(k)fluoranthene
Concen: 18.34 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

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

Tgt Ion:252 Resp: 283186

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	15.2	9.1	13.7#

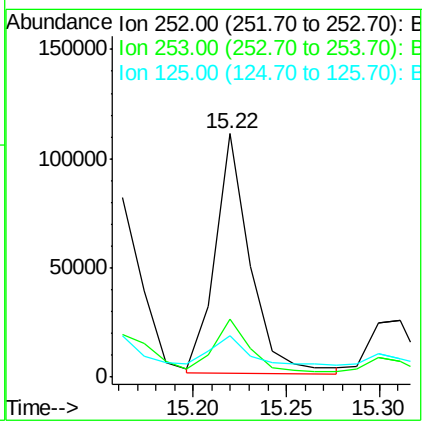


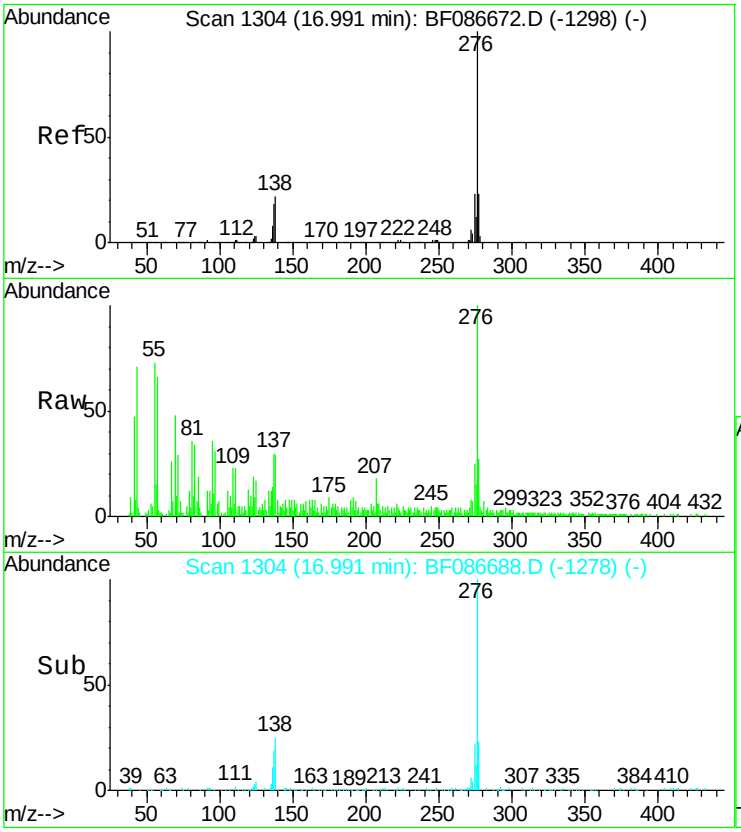


#89
Benzo(a)pyrene
Concen: 9.54 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

Tgt Ion:252 Resp: 143998

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	17.0	9.0	13.6#





#91
Benzo(g,h,i)perylene
Concen: 4.17 ng
RT: 16.99 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF086688.D
Acq: 4 May 2016 20:39

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

Tgt Ion:276 Resp: 63490

Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.6	29.4
138	28.7	23.6	35.4