Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050416\
Data File : BF086685.D
Acq On : 4 May 2016 19:14
Operator : UM/SJ
Sample : H2693-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-CC-01A

Quant Time: May 05 01:36:11 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	155558	40.00	ng		0.00
21) Naphthalene-d8	8.02	136	571068	40.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	234905	40.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	350957	40.00	ng		0.00
75) Chrysene-d12	13.89	240	292862	40.00	ng		0.01
86) Perylene-d12	15.29	264	283733	40.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	940096	100.05	ng		0.00
7) Phenol-d6	6.38	99	1303766	103.00	ng		0.01
23) Nitrobenzene-d5	7.30	82	778934	70.09	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	216213	94.09	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1269505	88.59	ng		0.00
78) Terphenyl-d14	12.84	244	727094	50.18	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.40	94	34131	2.46	ng		84
15) Benzyl Alcohol	6.89	79	25341	3.09	ng	#	46
19) n-Nitroso-di-n-propylamine	7.30	70	107046	12.38	ng	#	70
20) 3+4-Methylphenols	7.16	107	54383	5.12	ng	#	59
25) Isophorone	7.30	82	706430	34.13	ng	#	68
32) Benzoic acid	7.79	122	6907	10.04	ng	#	64
49) Dimethylphthalate	9.49	163	148528	8.48	ng		99
64) 4,6-Dinitro-2-methylphenol	10.40	198	861	5.76	ng	#	1
66) 4-Bromophenyl-phenylether	10.56	248	12536	3.59	ng	#	1
69) Pentachlorophenol	11.07	266	1734	6.60	ng		96
70) Phenanthrene	11.28	178	111551	5.92	ng		99
71) Anthracene	11.28	178	111551	5.65	ng		100
74) Fluoranthene	12.47	202	170760	9.04	ng		95
76) Benzidine	12.56	184	11837	8.35	ng	#	31
77) Pyrene	12.69	202	117366	5.03	ng		97
80) Benzo(a)anthracene	13.88	228	49453	2.99	ng		93
82) Chrysene	13.92	228	64205	3.63	ng	#	94
83) Bis(2-ethylhexyl)phthalate	13.88	149	397938	35.16	ng	#	95
84) Di-n-octyl phthalate	14.50	149	210235	12.63	ng	#	40
87) Benzo(b)fluoranthene	14.90	252	75203	4.41	ng	#	49
88) Benzo(k)fluoranthene	14.90	252	75203	4.68	ng	#	50

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 7 Sample Multiplier: 1

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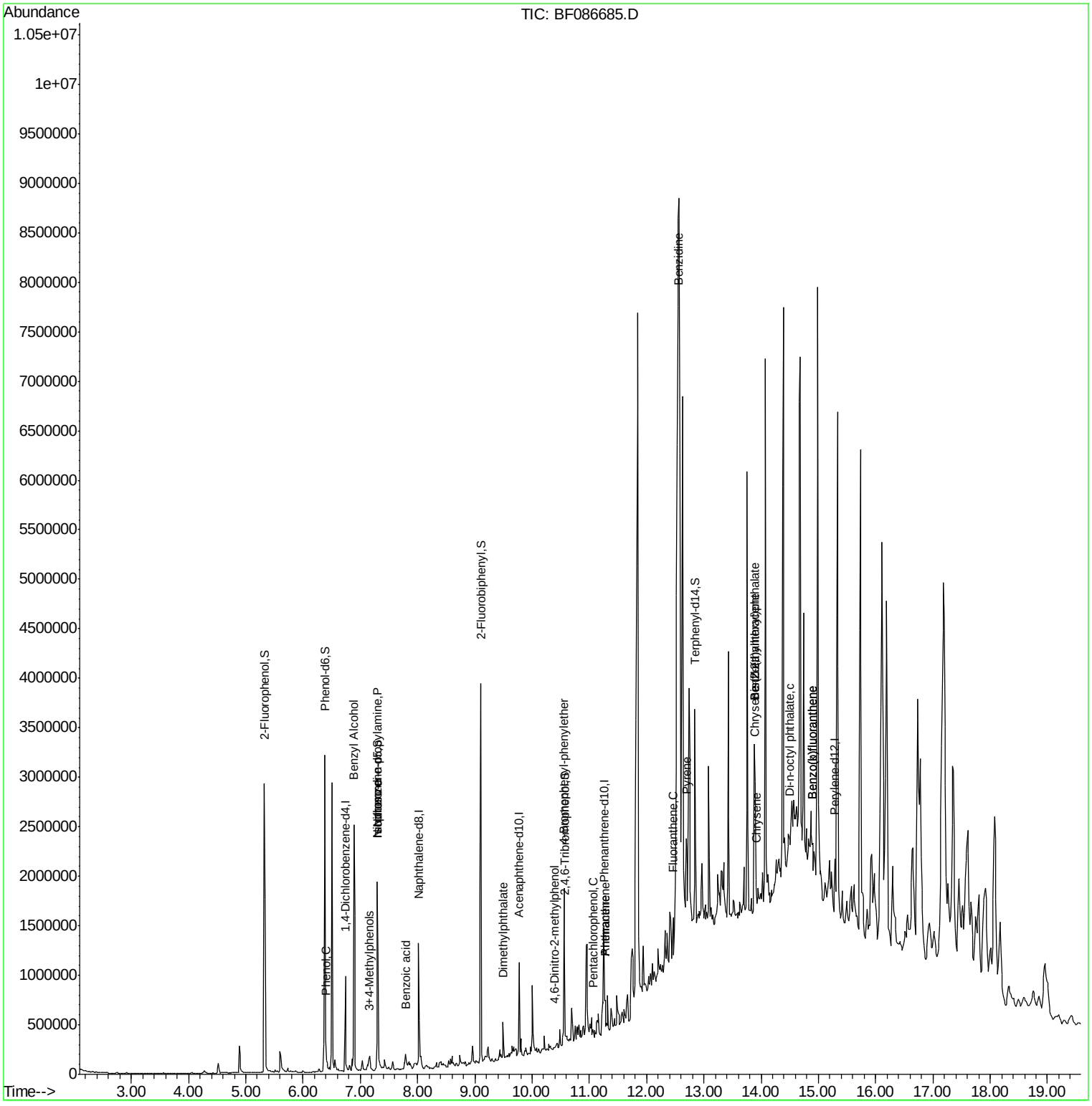
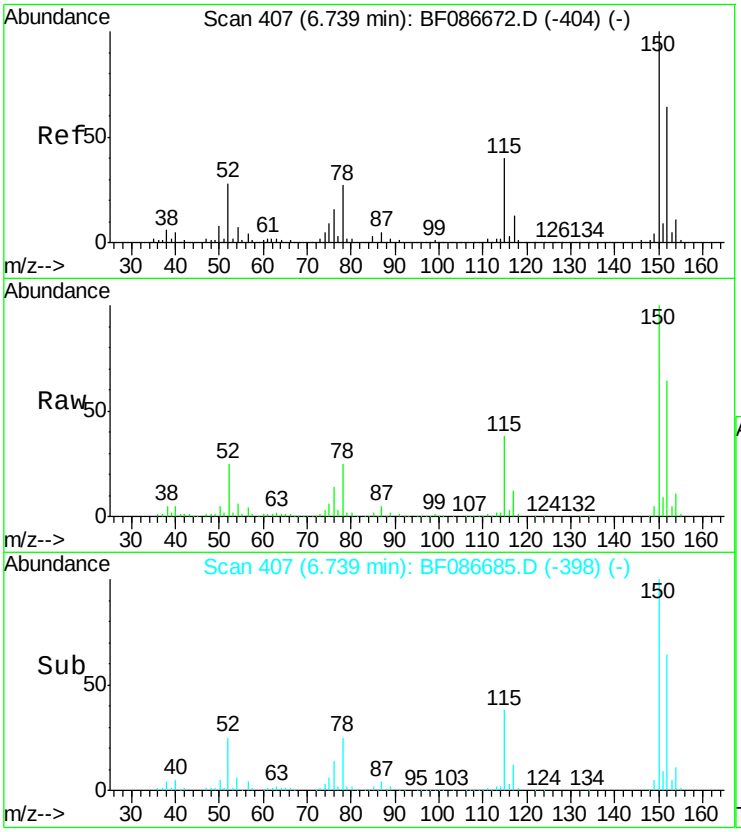


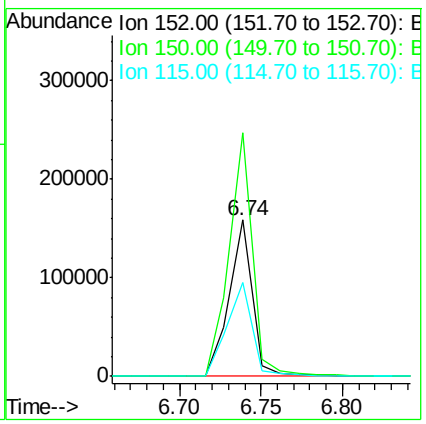


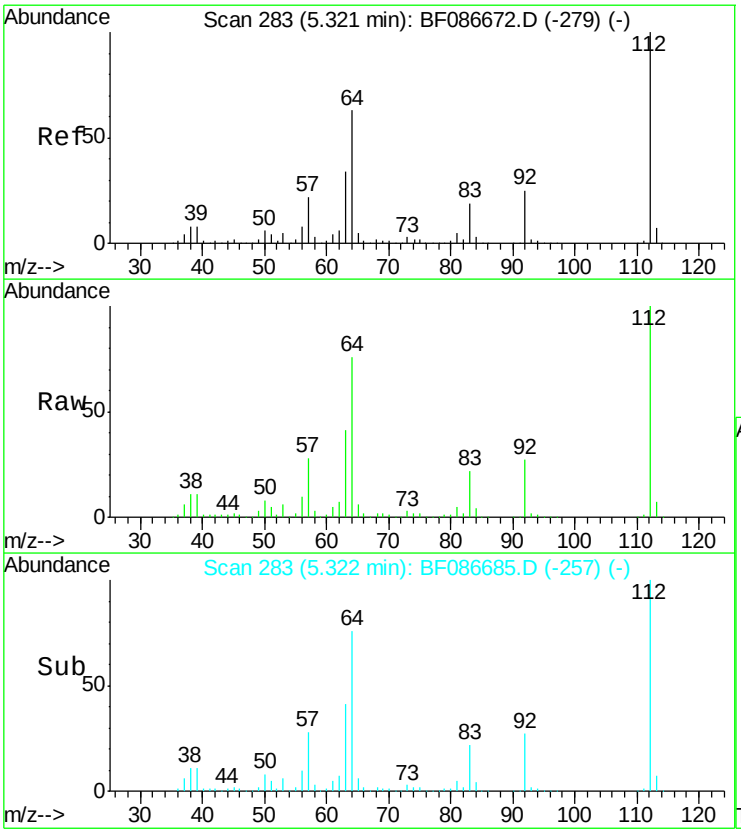
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampleId :
C-CC-01A

Tgt Ion:152 Resp: 155558

Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.8	188.6
115	60.0	51.5	77.3

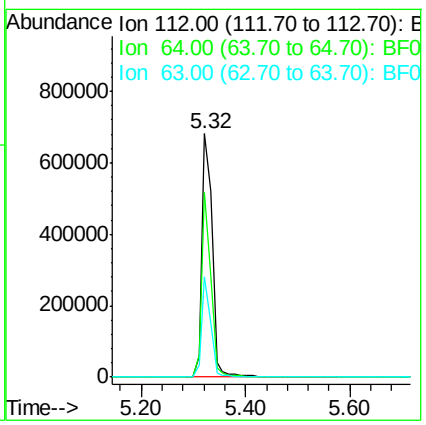


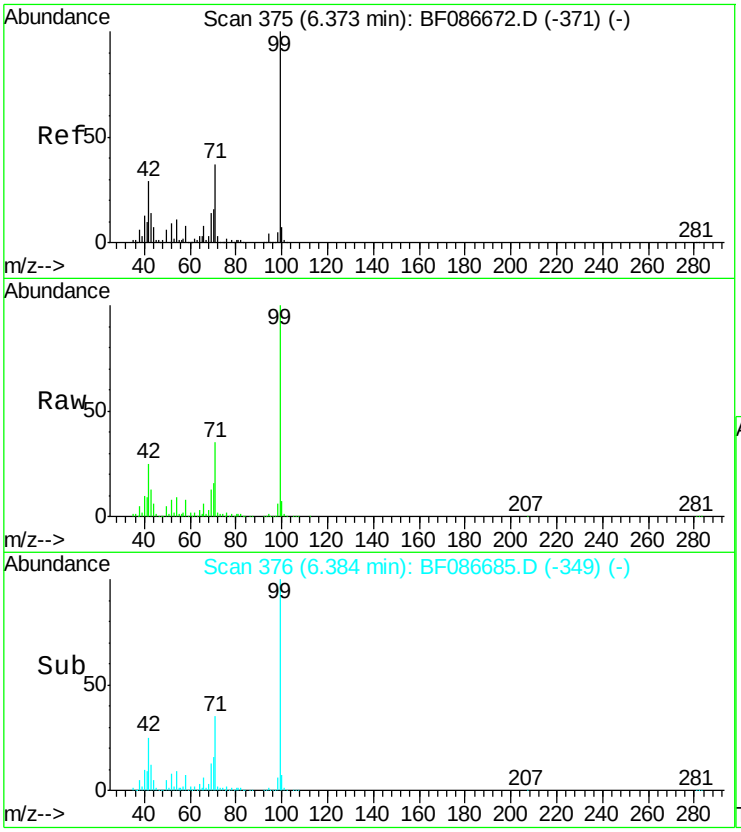


#5
2-Fluorophenol
Concen: 100.05 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.00 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Tgt Ion:112 Resp: 940096

Ion	Ratio	Lower	Upper
112	100		
64	75.9	52.1	78.1
63	41.0	25.7	38.5#



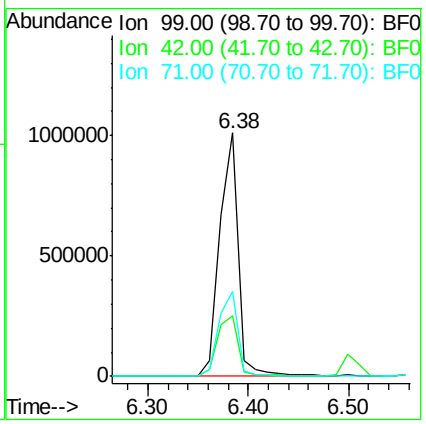


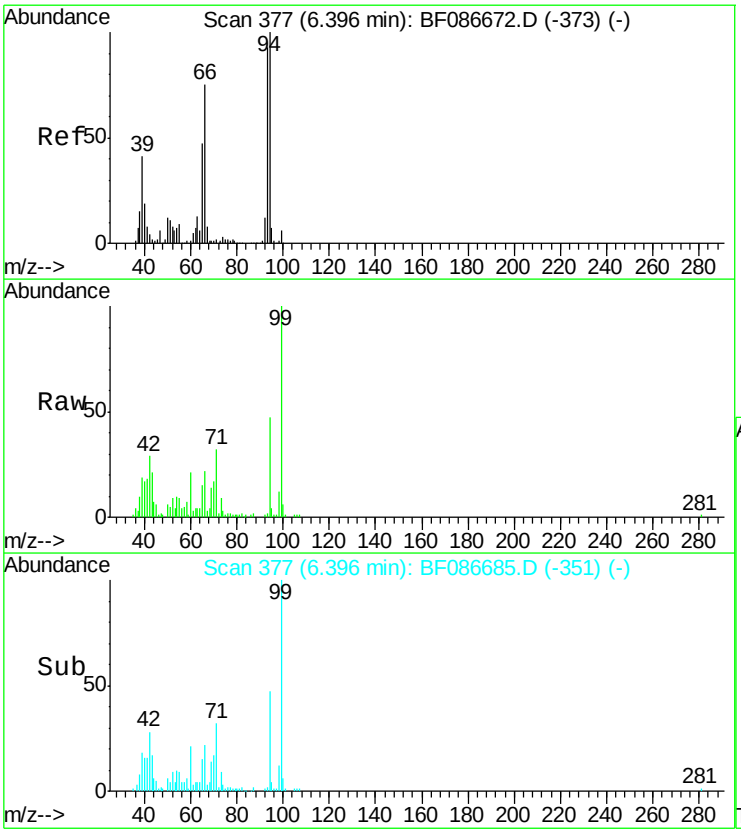
#7
Phenol-d6
Concen: 103.00 ng
RT: 6.38 min Scan# 376
Delta R.T. 0.01 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampleId :
C-CC-01A

Tgt Ion: 99 Resp: 1303766

Ion	Ratio	Lower	Upper
99	100		
42	25.1	13.6	20.4#
71	34.8	24.6	36.8

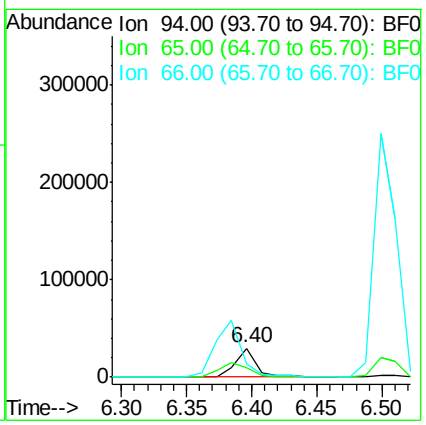


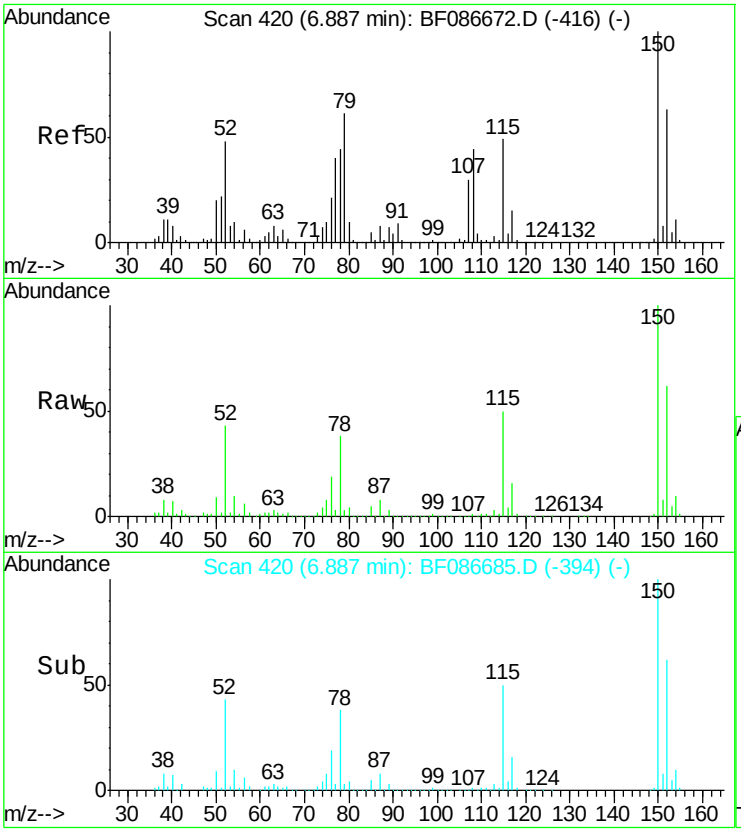


#10
Phenol
Concen: 2.46 ng
RT: 6.40 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Tgt Ion: 94 Resp: 34131

Ion	Ratio	Lower	Upper
94	100		
65	32.5	7.2	47.2
66	46.7	14.9	54.9



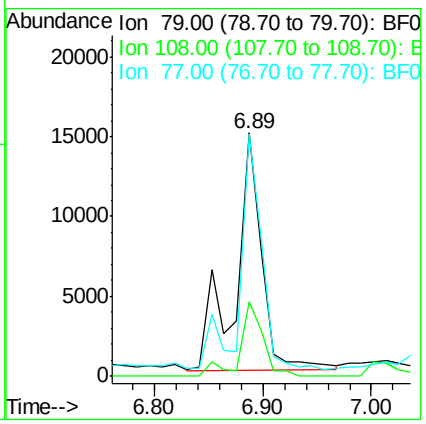


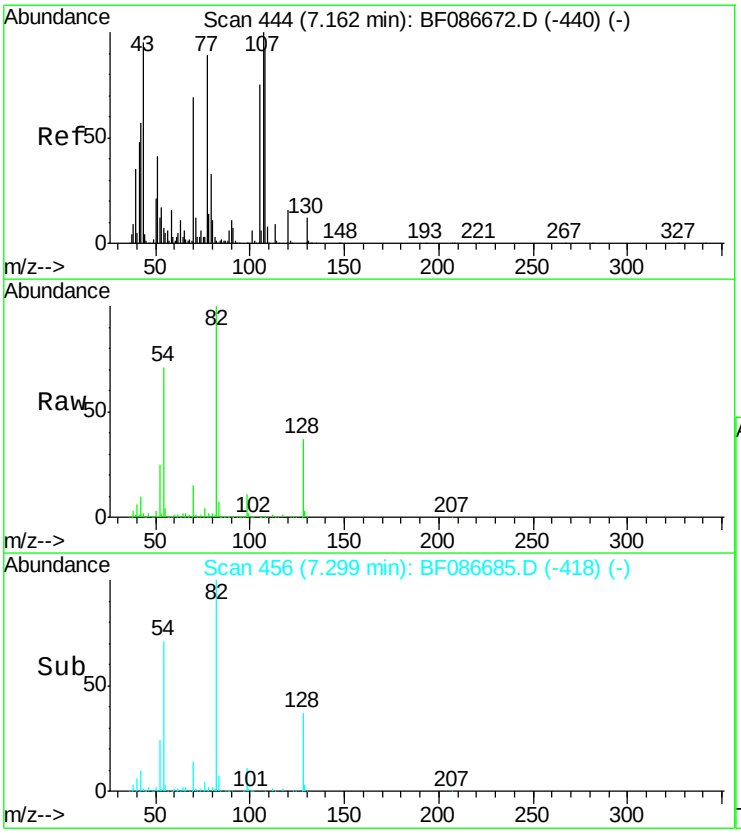
#15
Benzyl Alcohol
Concen: 3.09 ng
RT: 6.89 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampleId :
C-CC-01A

Tgt Ion: 79 Resp: 25341

Ion	Ratio	Lower	Upper
79	100		
108	30.6	68.4	102.6#
77	99.6	50.6	76.0#

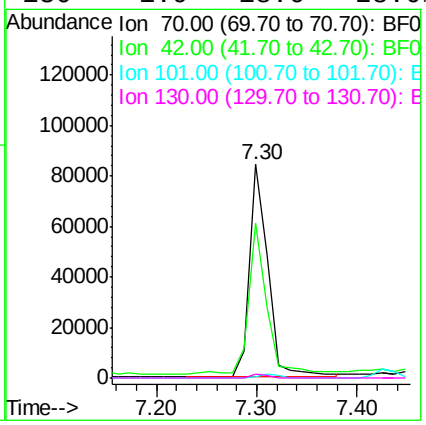


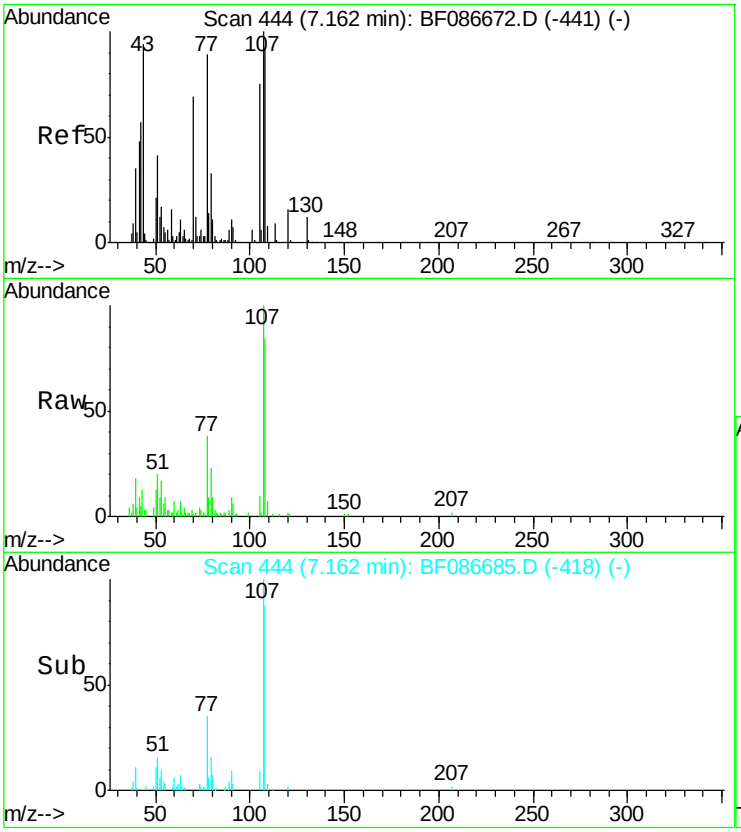


#19
n-Nitroso-di-n-propylamine
Concen: 12.38 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.14 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Tgt Ion: 70 Resp: 107046

Ion	Ratio	Lower	Upper
70	100		
42	72.2	43.1	64.7#
101	0.6	8.1	12.1#
130	1.9	18.6	28.0#



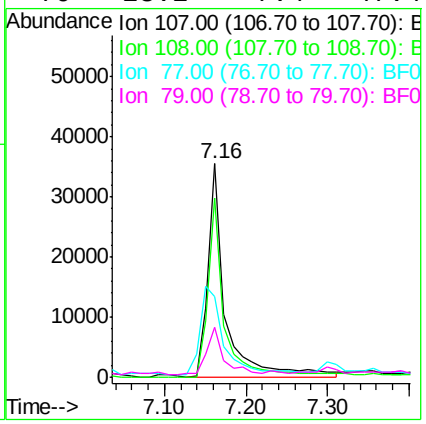


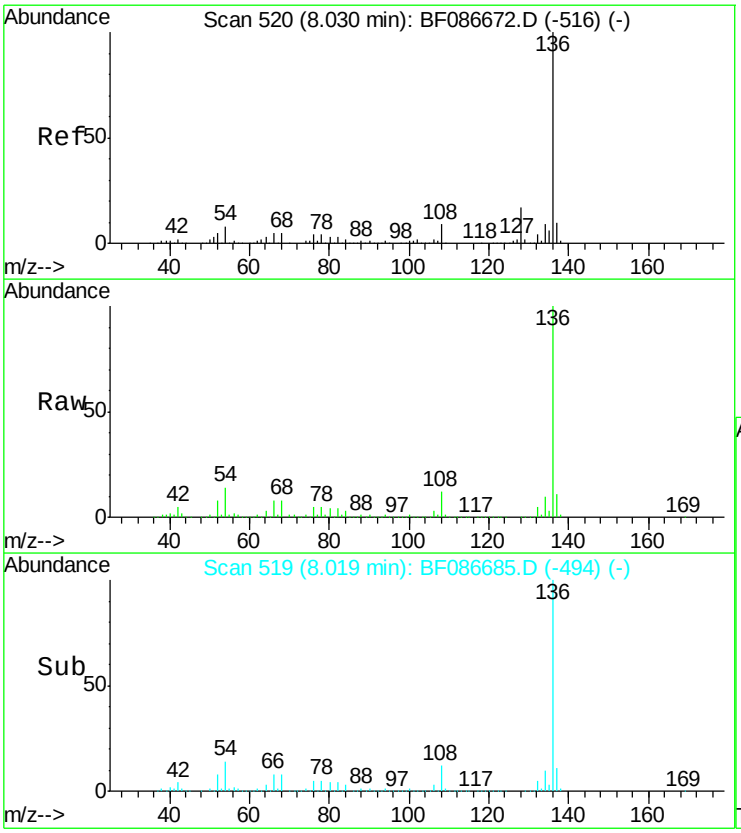
#20
3+4-Methylphenols
Concen: 5.12 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampleId :
C-CC-01A

Tgt Ion:107 Resp: 54383

Ion	Ratio	Lower	Upper
107	100		
108	84.2	68.5	108.5
77	37.9	101.6	141.6#
79	23.2	7.4	47.4

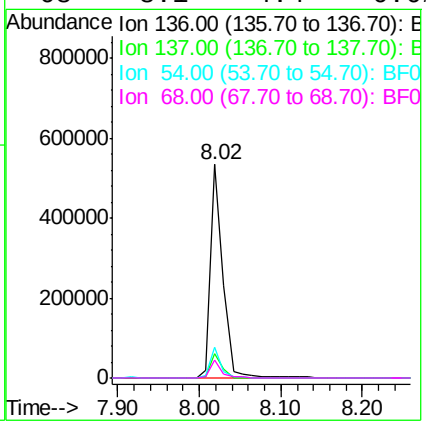


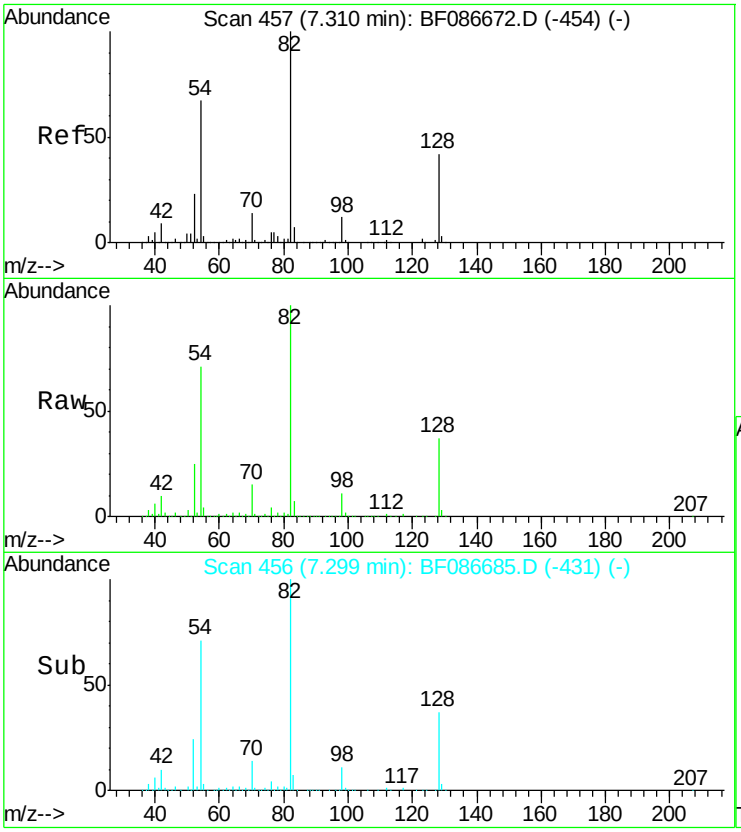


#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Tgt Ion:136 Resp: 571068

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	14.5	5.0	7.4#
68	8.1	4.4	6.6#



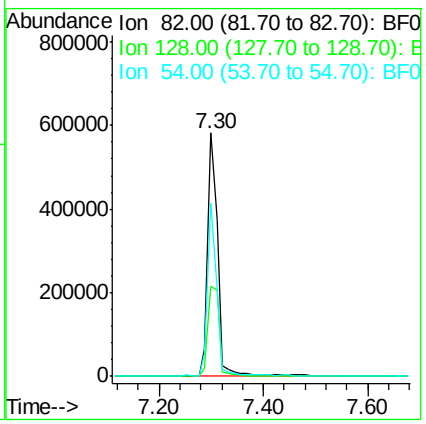


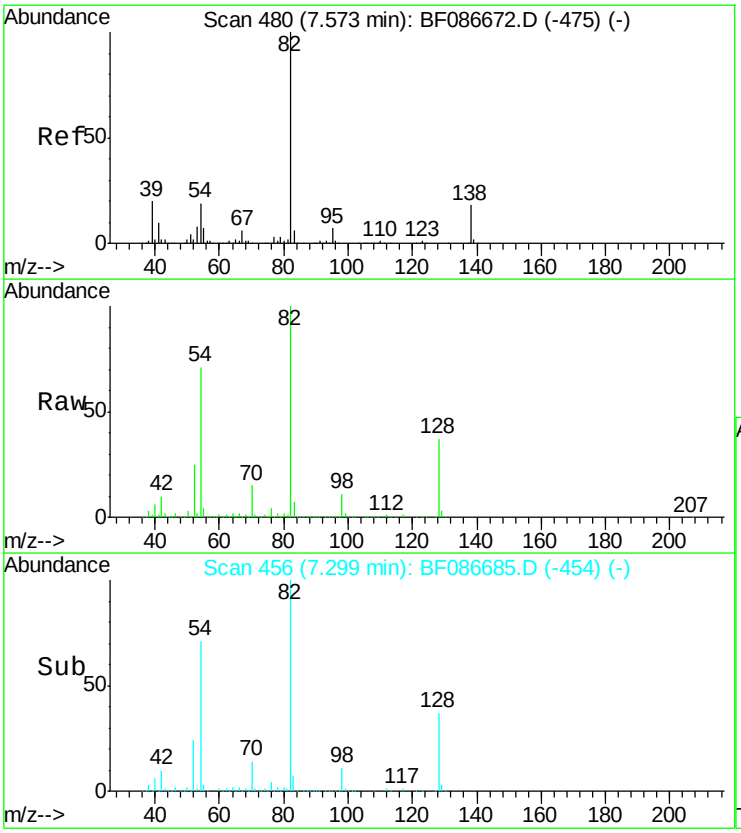
#23
Nitrobenzene-d5
Concen: 70.09 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampleId :
C-CC-01A

Tgt Ion: 82 Resp: 778934

Ion	Ratio	Lower	Upper
82	100		
128	36.8	40.6	61.0#
54	71.3	38.1	57.1#

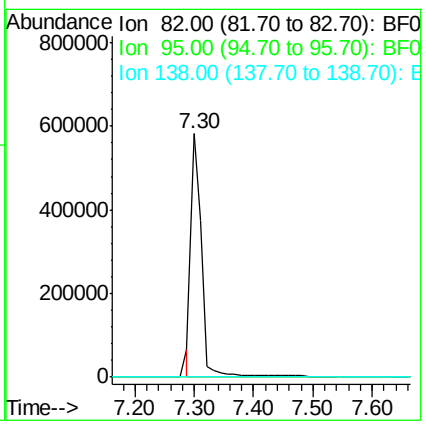


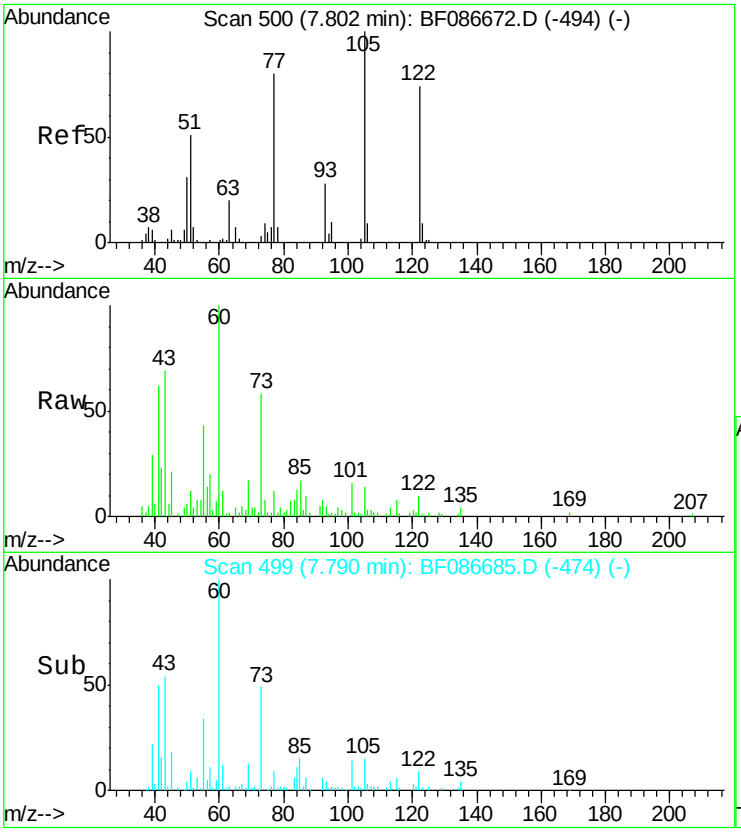


#25
Isophorone
Concen: 34.13 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.27 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Tgt Ion: 82 Resp: 706430

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



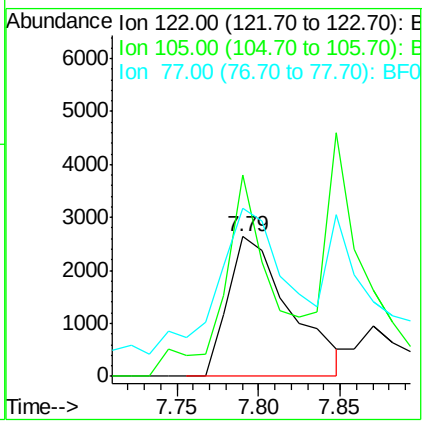


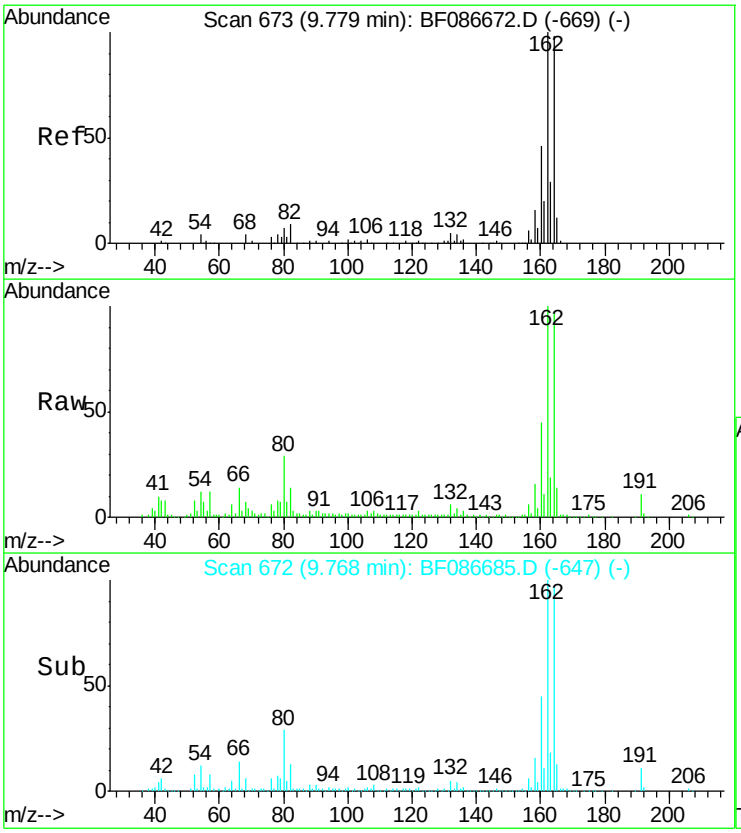
#32
Benzoic acid
Concen: 10.04 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampleId :
C-CC-01A

Tgt Ion:122 Resp: 6907

Ion	Ratio	Lower	Upper
122	100		
105	144.0	92.6	132.6#
77	120.7	60.0	100.0#

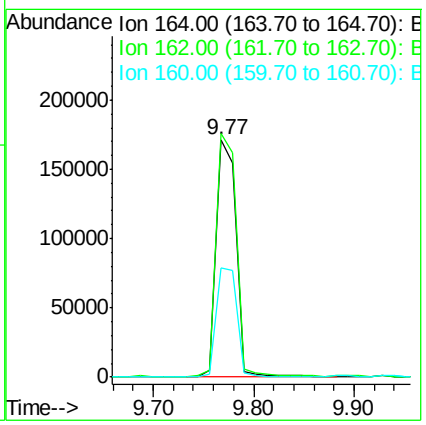


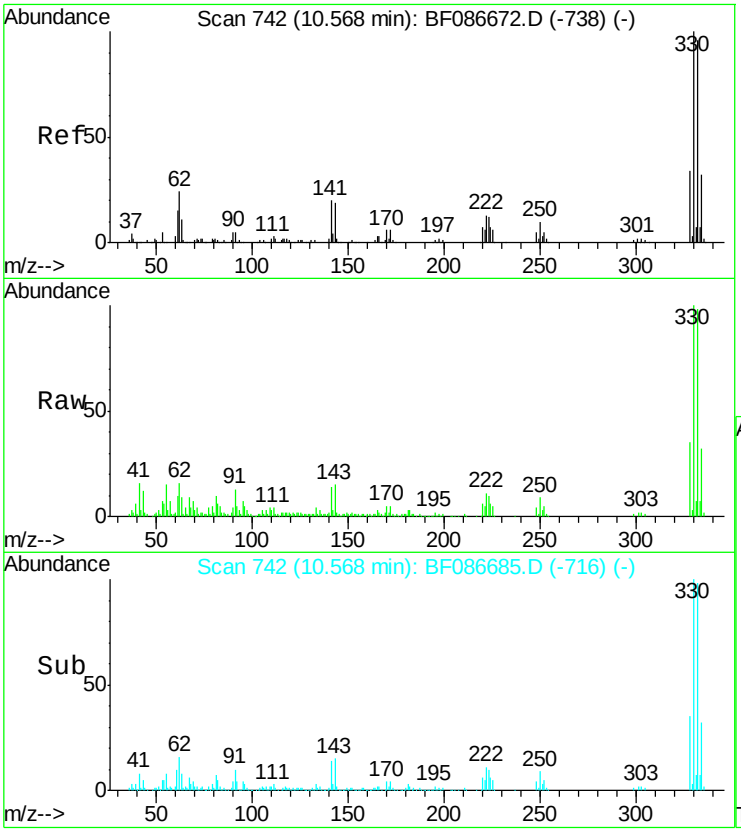


#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Tgt Ion:164 Resp: 234905

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.8	124.2
160	45.8	36.9	55.3



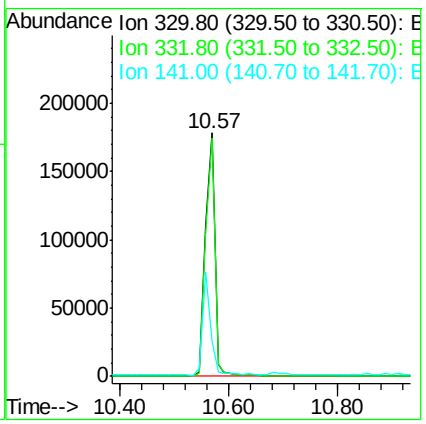


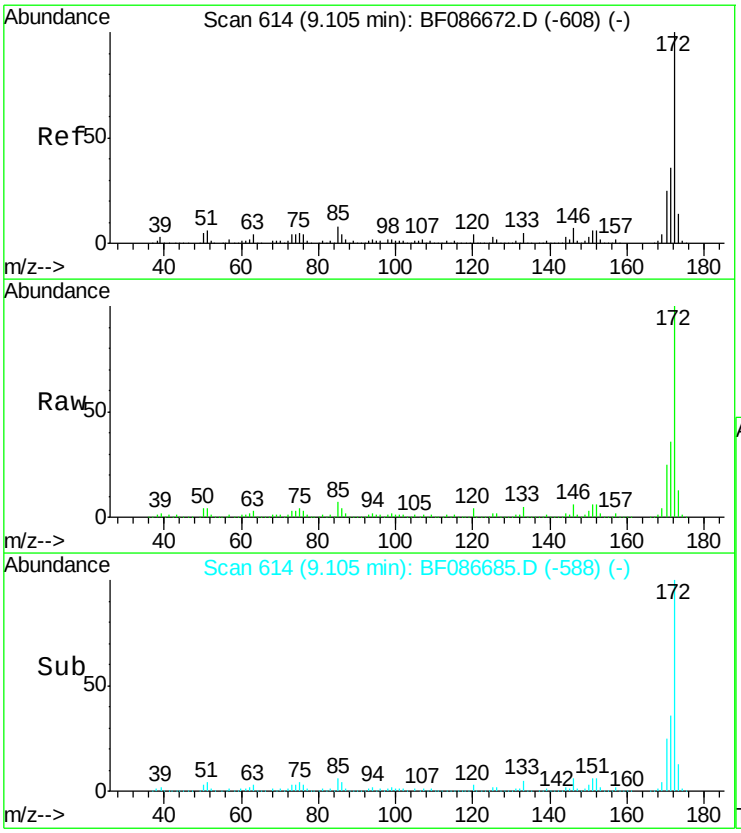
#41
2,4,6-Tribromophenol
Concen: 94.09 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampleId :
C-CC-01A

Tgt Ion:330 Resp: 216213

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	35.3	31.2	46.8

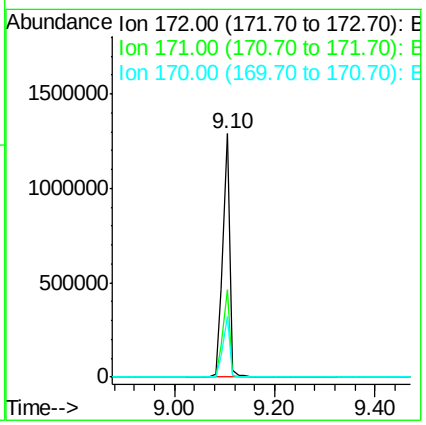


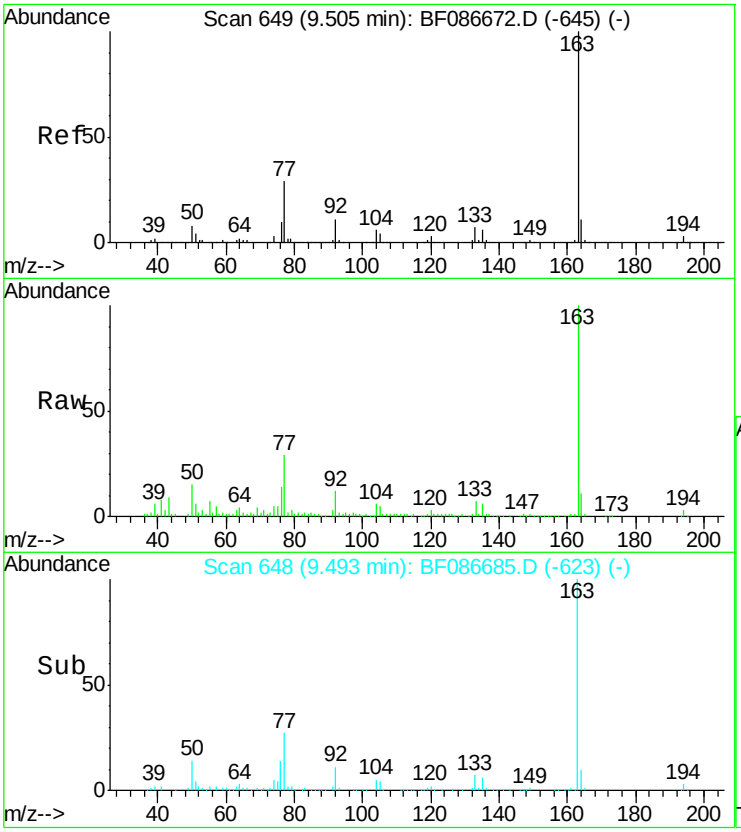


#44
2-Fluorobiphenyl
Concen: 88.59 ng
RT: 9.10 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Tgt Ion:172 Resp: 1269505

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.6	19.8	29.8



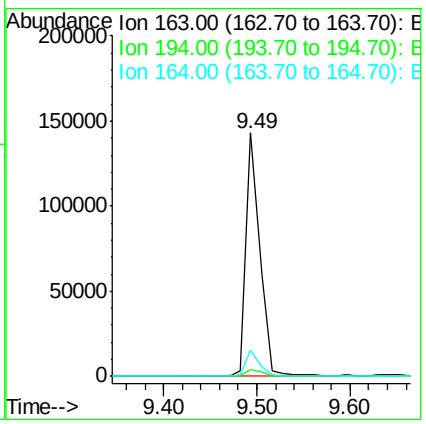


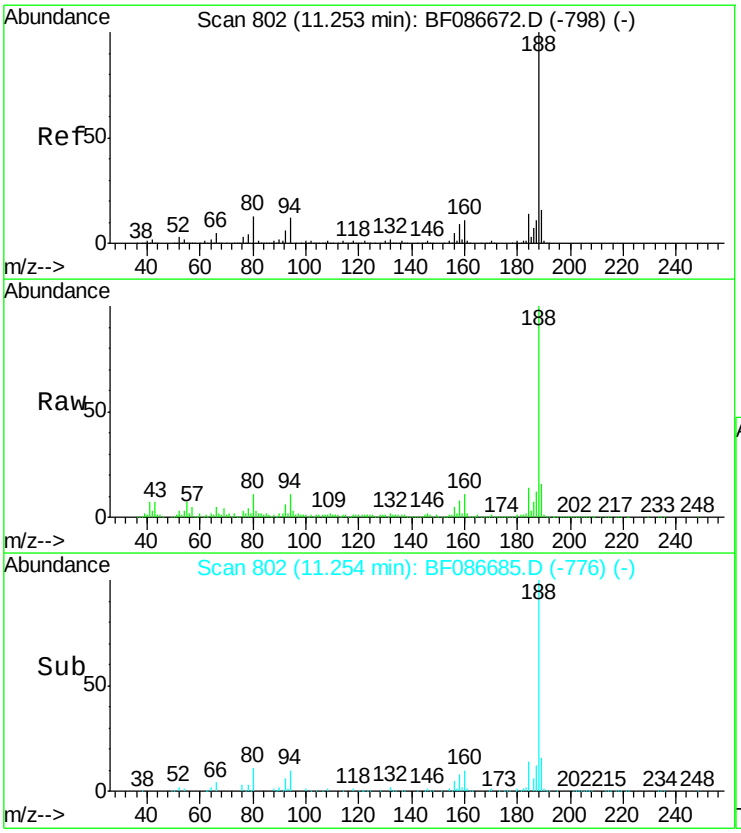
#49
Dimethylphthalate
Concen: 8.48 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampleId :
C-CC-01A

Tgt Ion:163 Resp: 148528

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	10.7	8.2	12.4

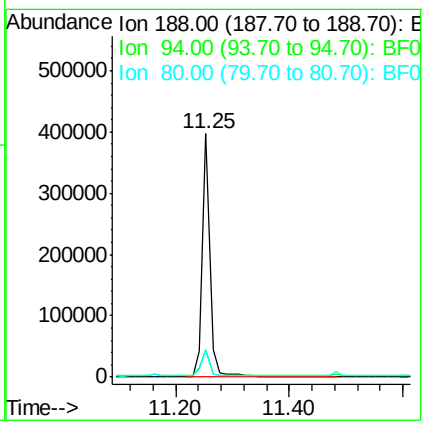


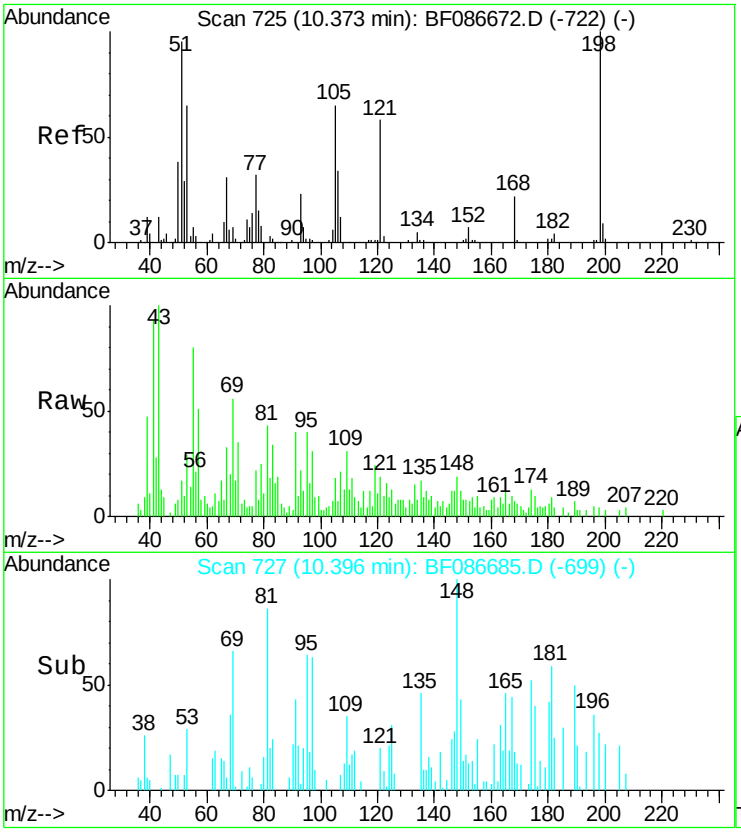


#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Tgt Ion:188 Resp: 350957

Ion	Ratio	Lower	Upper
188	100		
94	11.0	6.8	10.2#
80	11.4	7.1	10.7#



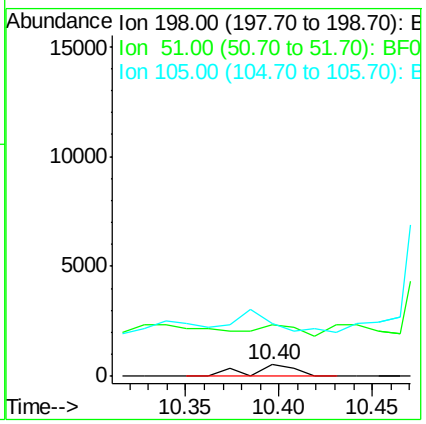


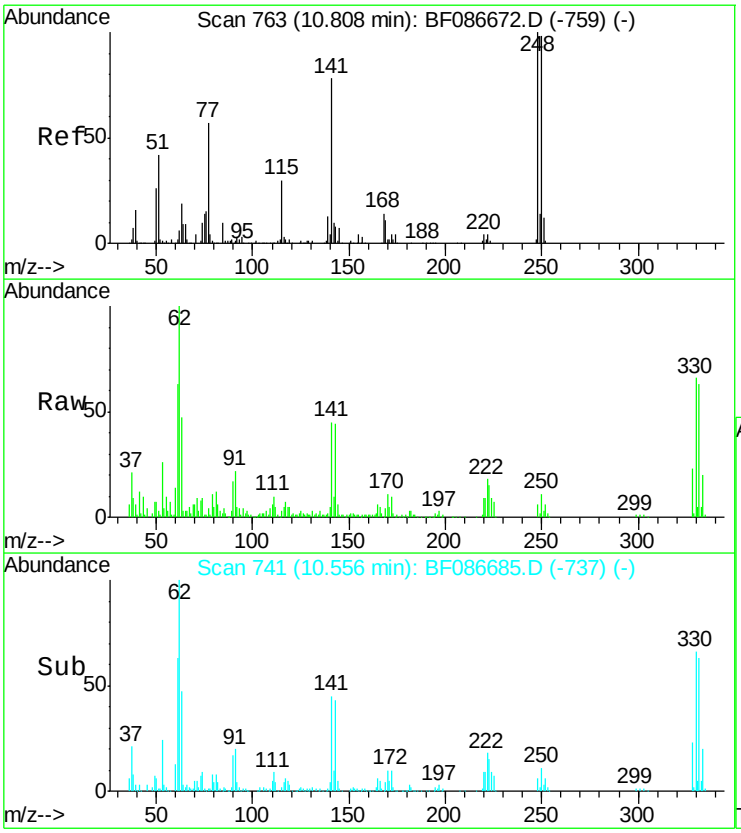
#64
4,6-Dinitro-2-methylphenol
Concen: 5.76 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.02 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampleId :
C-CC-01A

Tgt Ion:198 Resp: 861

Ion	Ratio	Lower	Upper
198	100		
51	442.2	20.5	60.5#
105	446.3	24.5	64.5#

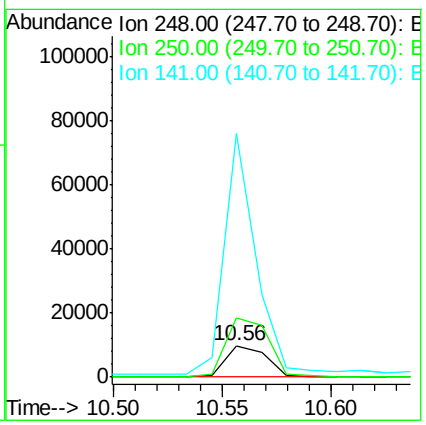


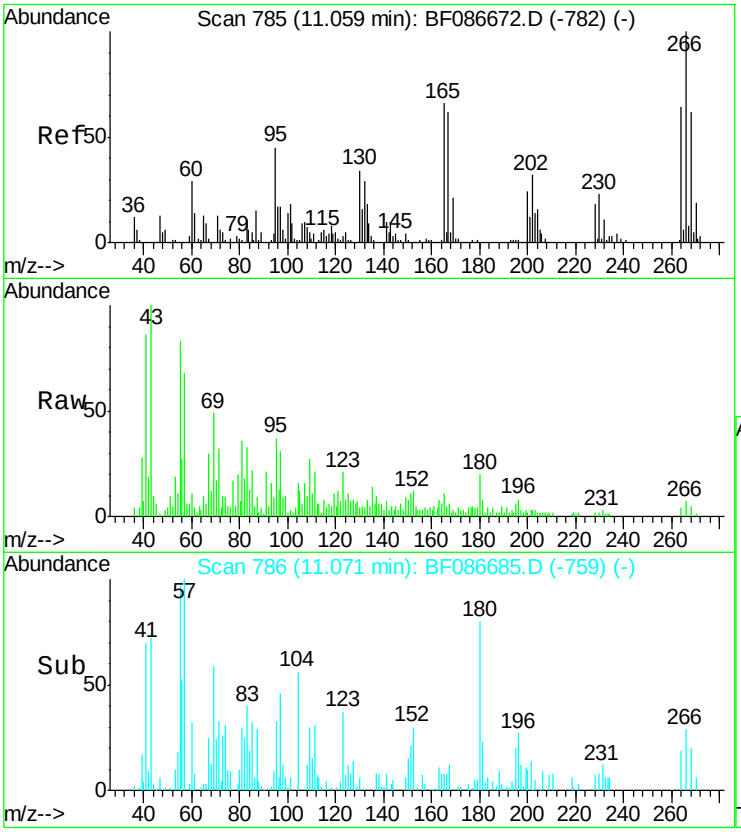


#66
4-Bromophenyl-phenylether
Concen: 3.59 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Tgt Ion:248 Resp: 12536

Ion	Ratio	Lower	Upper
248	100		
250	188.4	78.6	117.8#
141	778.9	76.0	114.0#



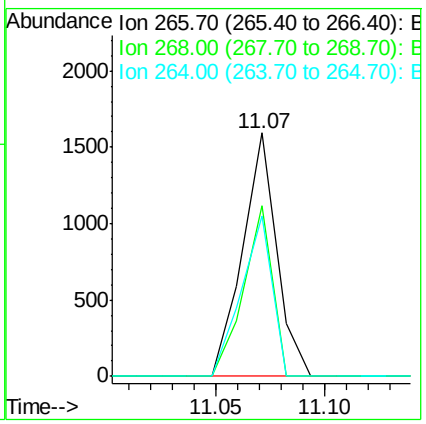


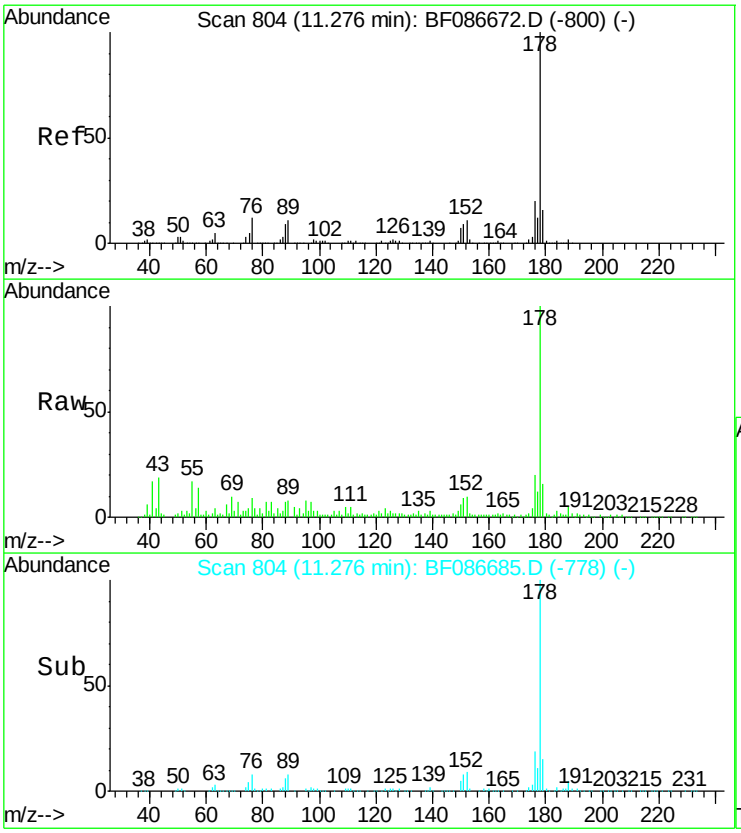
#69
Pentachlorophenol
Concen: 6.60 ng
RT: 11.07 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampleId :
C-CC-01A

Tgt Ion:266 Resp: 1734

Ion	Ratio	Lower	Upper
266	100		
268	70.3	51.5	77.3
264	66.1	52.9	79.3

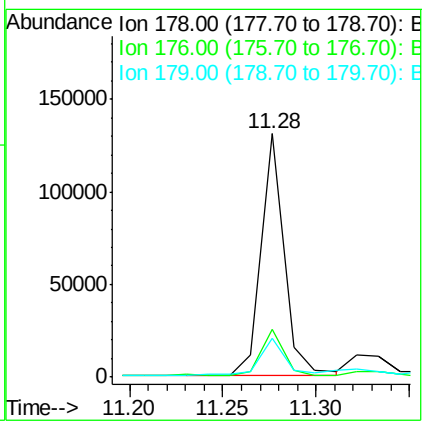


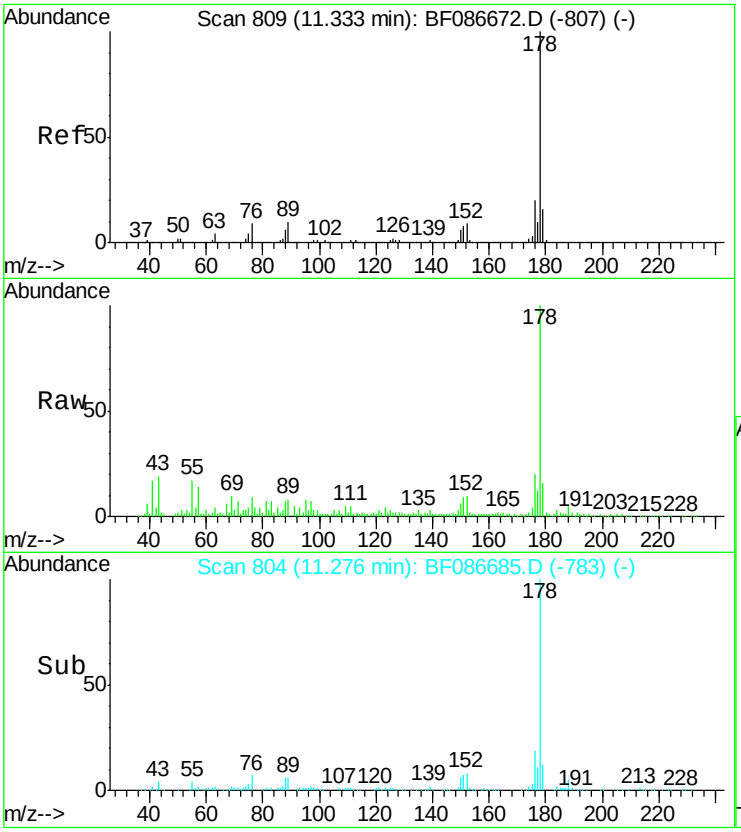


#70
Phenanthrene
Concen: 5.92 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Tgt Ion:178 Resp: 111551

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	16.0	12.6	18.8



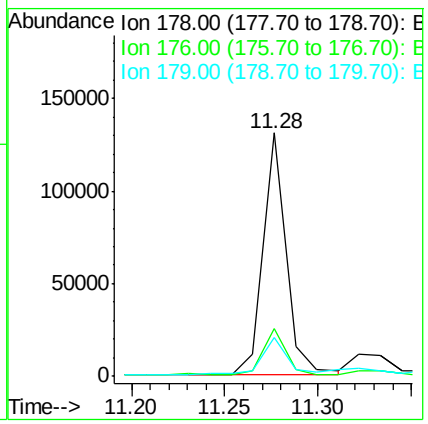


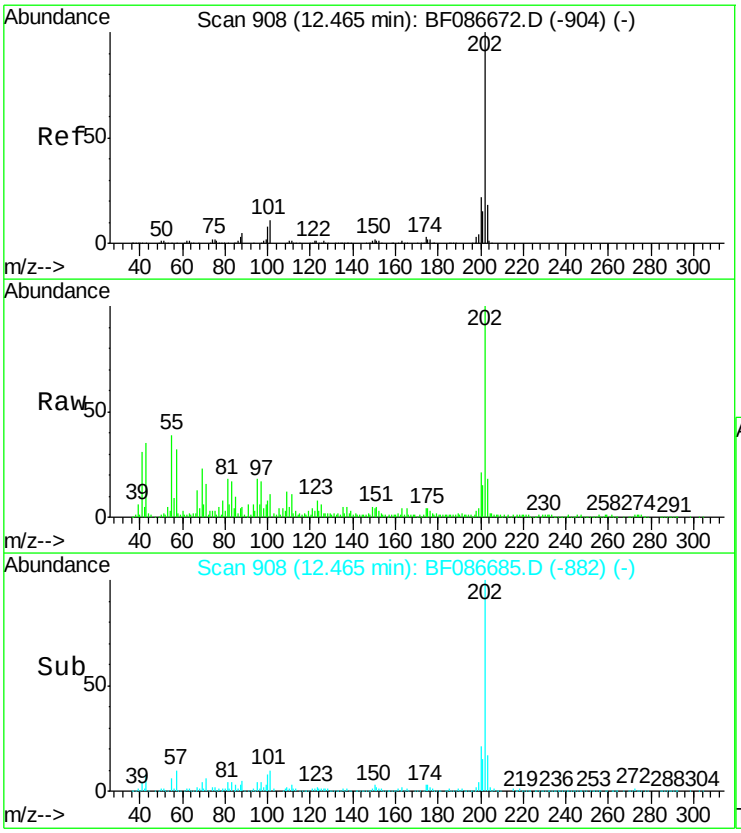
#71
Anthracene
Concen: 5.65 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.06 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampleId :
C-CC-01A

Tgt Ion:178 Resp: 111551

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.0	12.7	19.1

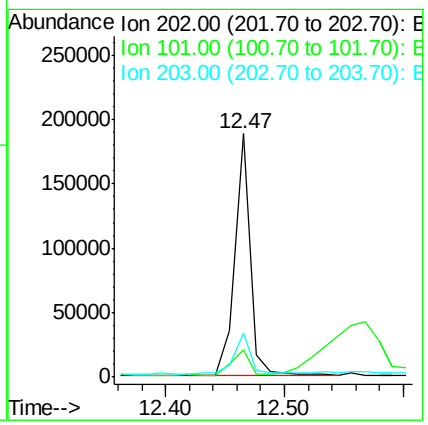


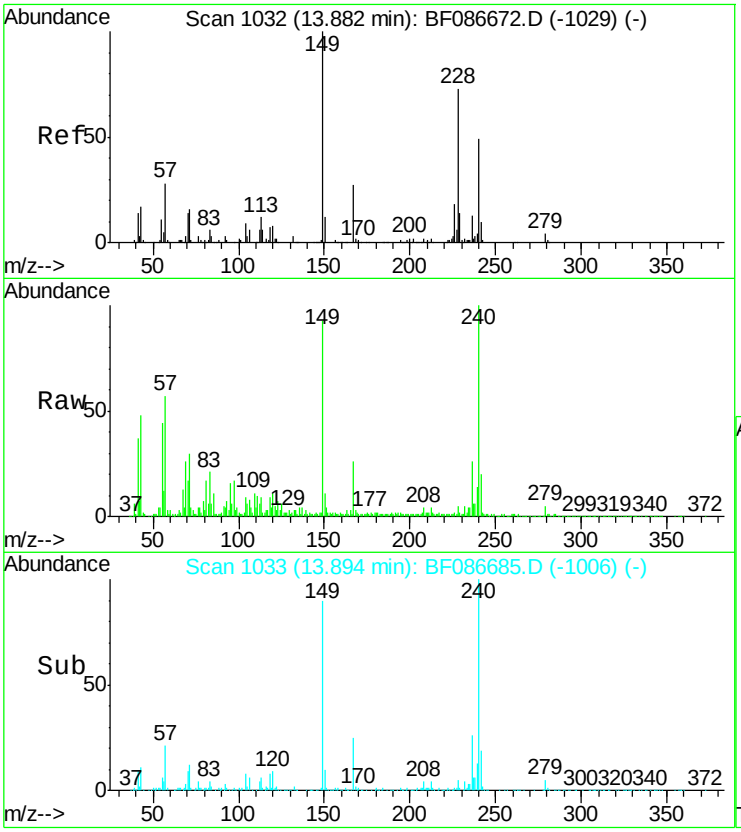


#74
Fluoranthene
Concen: 9.04 ng
RT: 12.47 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Tgt Ion:202 Resp: 170760

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	35.4
203	17.9	0.0	38.1



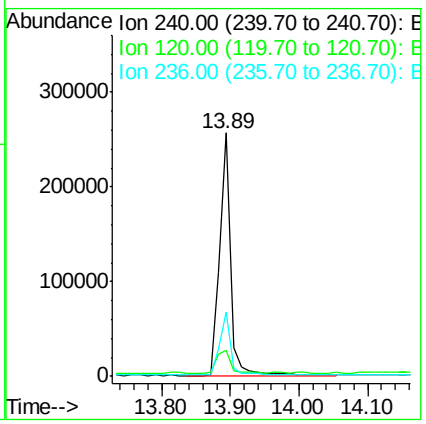


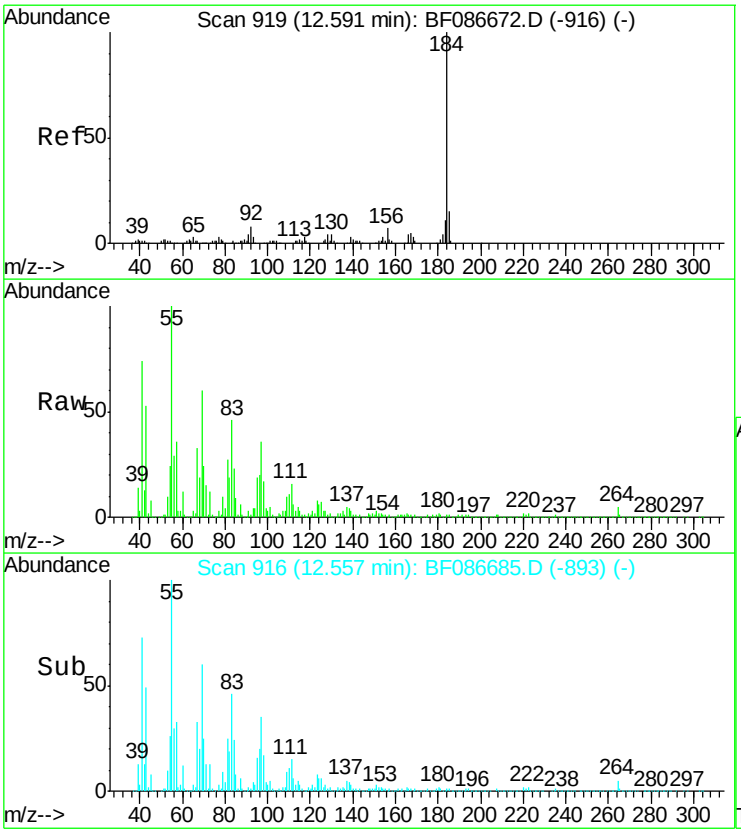
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampleId :
C-CC-01A

Tgt Ion:240 Resp: 292862

Ion	Ratio	Lower	Upper
240	100		
120	10.6	11.2	16.8#
236	26.3	21.2	31.8

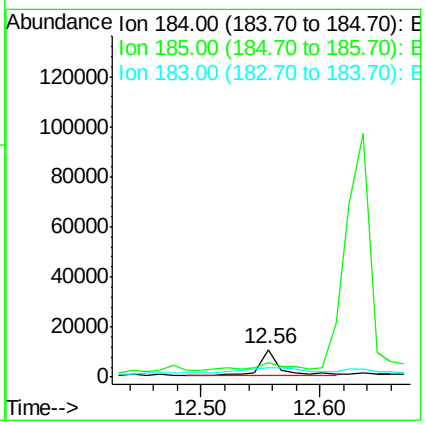


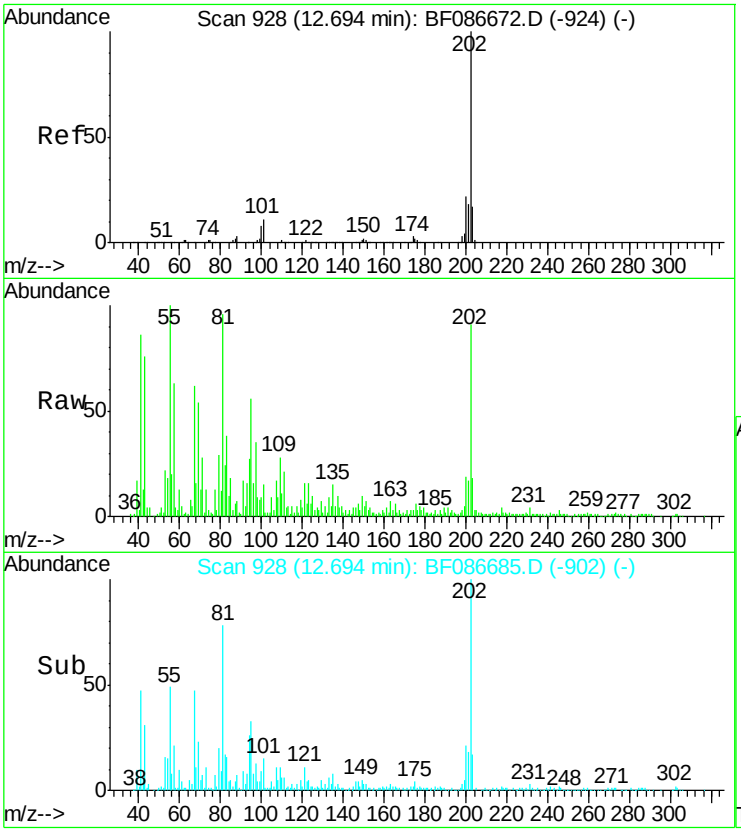


#76
Benzidine
Concen: 8.35 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.03 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Tgt Ion:184 Resp: 11837

Ion	Ratio	Lower	Upper
184	100		
185	51.1	13.6	20.4#
183	34.2	9.8	14.6#



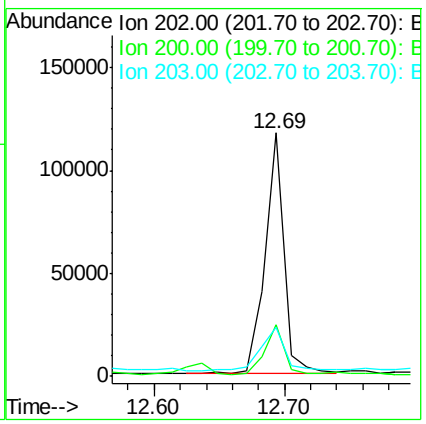


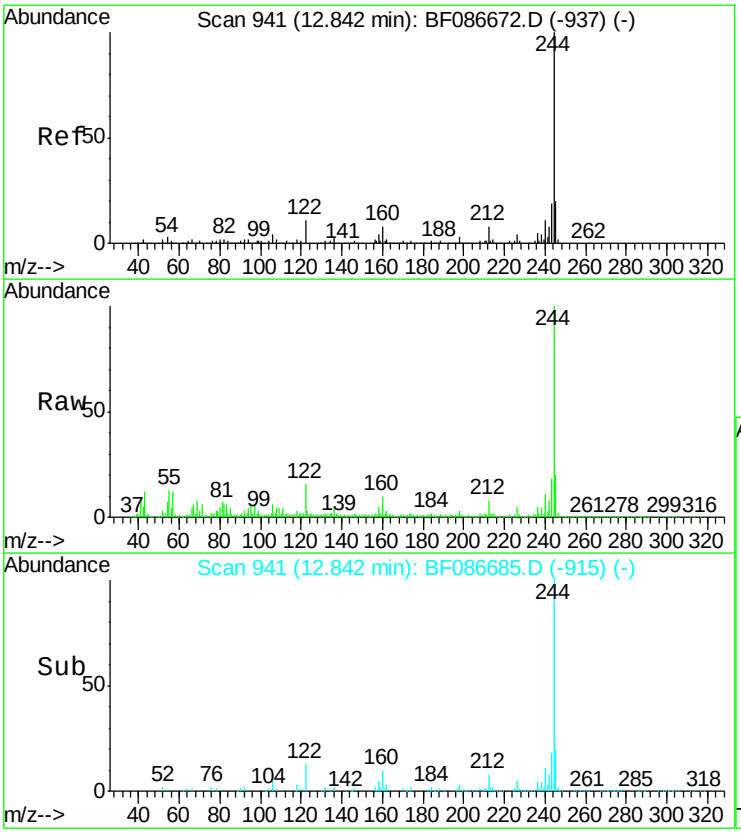
#77
Pyrene
Concen: 5.03 ng
RT: 12.69 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampleId :
C-CC-01A

Tgt Ion:202 Resp: 117366

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.7	26.5
203	20.0	14.2	21.4

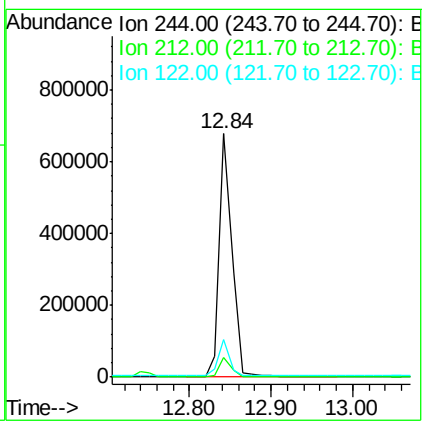


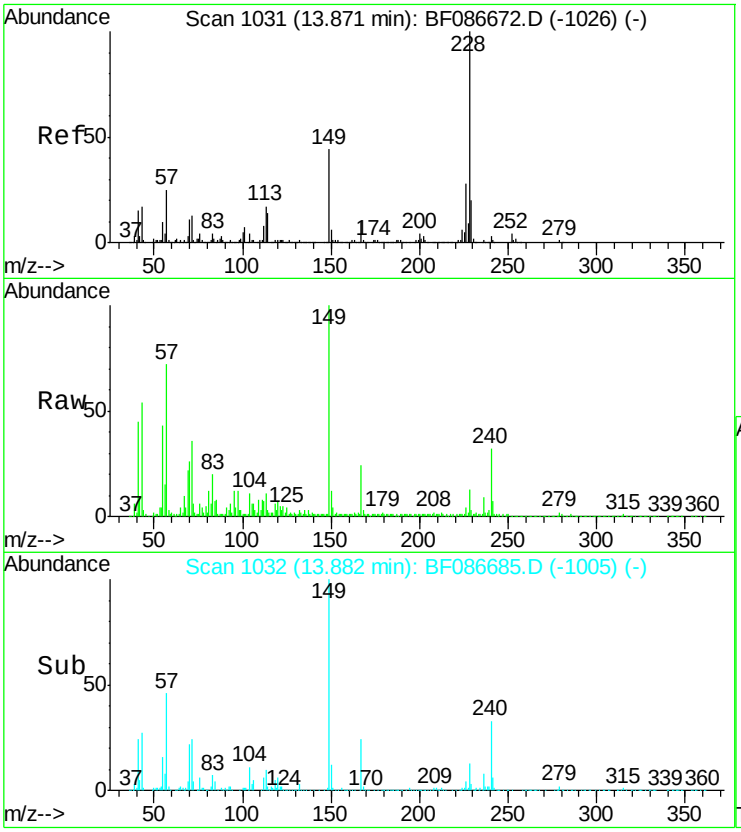


#78
Terphenyl-d14
Concen: 50.18 ng
RT: 12.84 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Tgt Ion:244 Resp: 727094

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	15.5	12.0	18.0



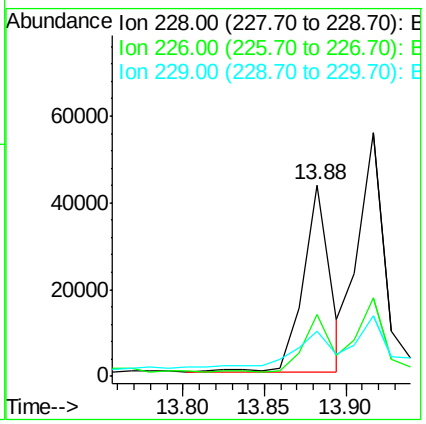


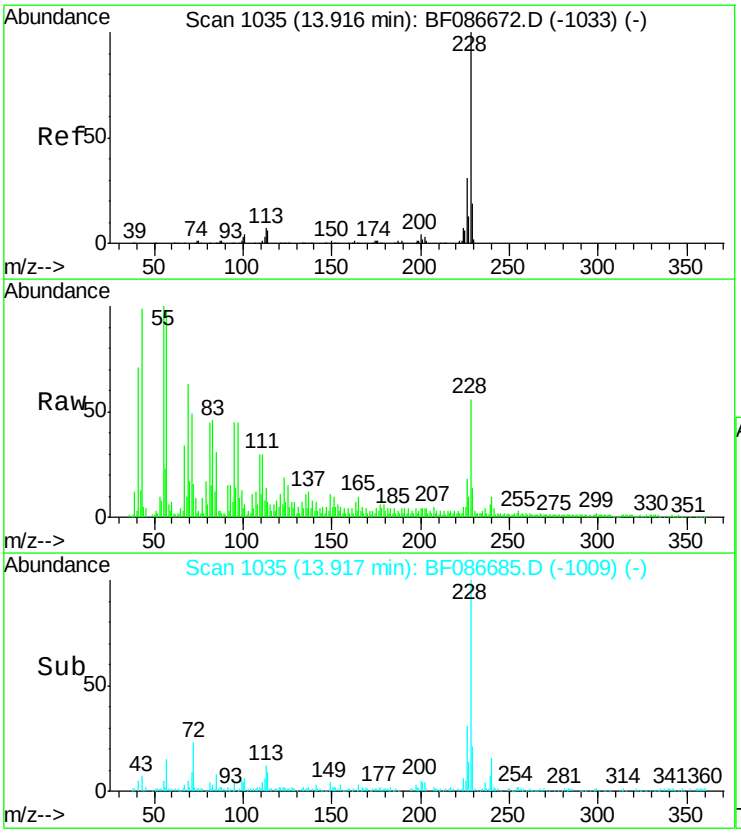
#80
Benzo(a)anthracene
Concen: 2.99 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampleId :
C-CC-01A

Tgt Ion:228 Resp: 49453

Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.5	33.7
229	23.9	16.6	25.0

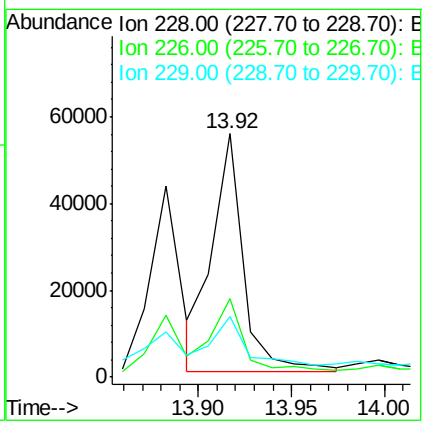


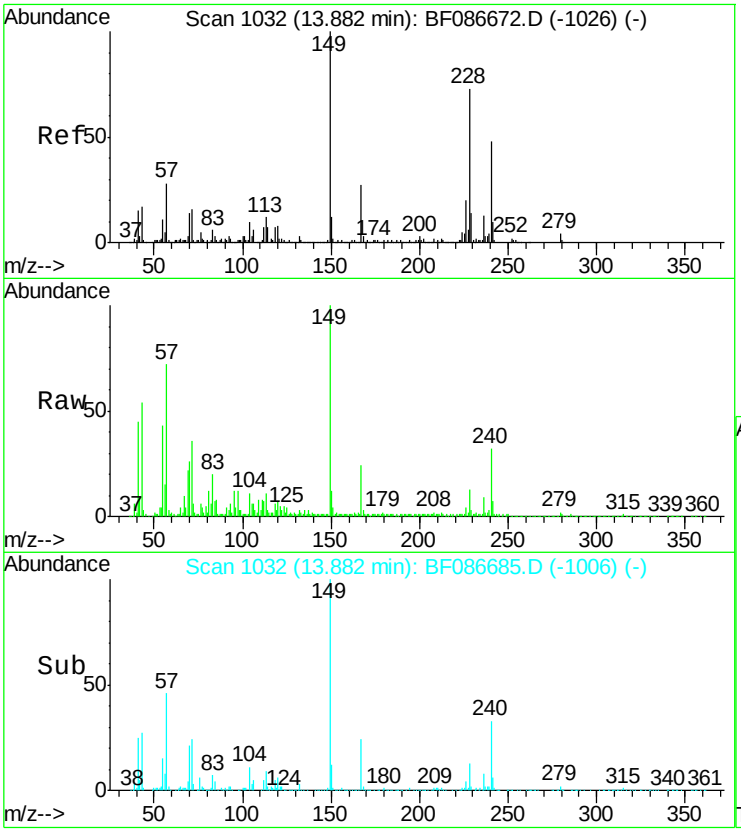


#82
Chrysene
Concen: 3.63 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Tgt Ion:228 Resp: 64205

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.4	36.6
229	24.7	15.8	23.8#



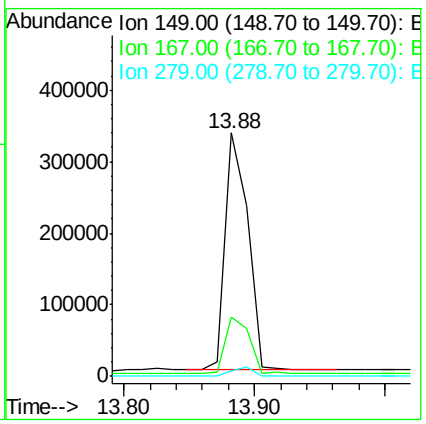


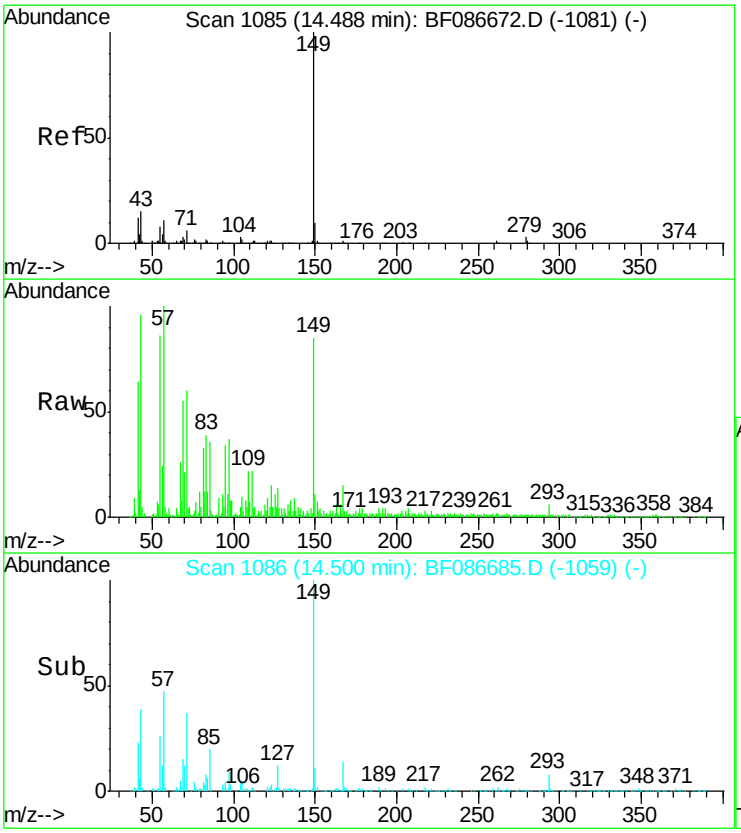
#83
Bis(2-ethylhexyl)phthalate
Concen: 35.16 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampleId :
C-CC-01A

Tgt Ion:149 Resp: 397938

Ion	Ratio	Lower	Upper
149	100		
167	24.4	21.8	32.6
279	2.1	2.6	4.0#

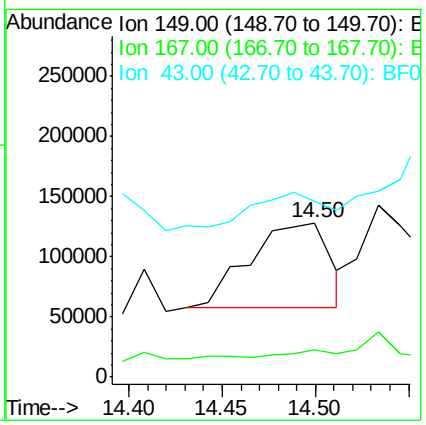


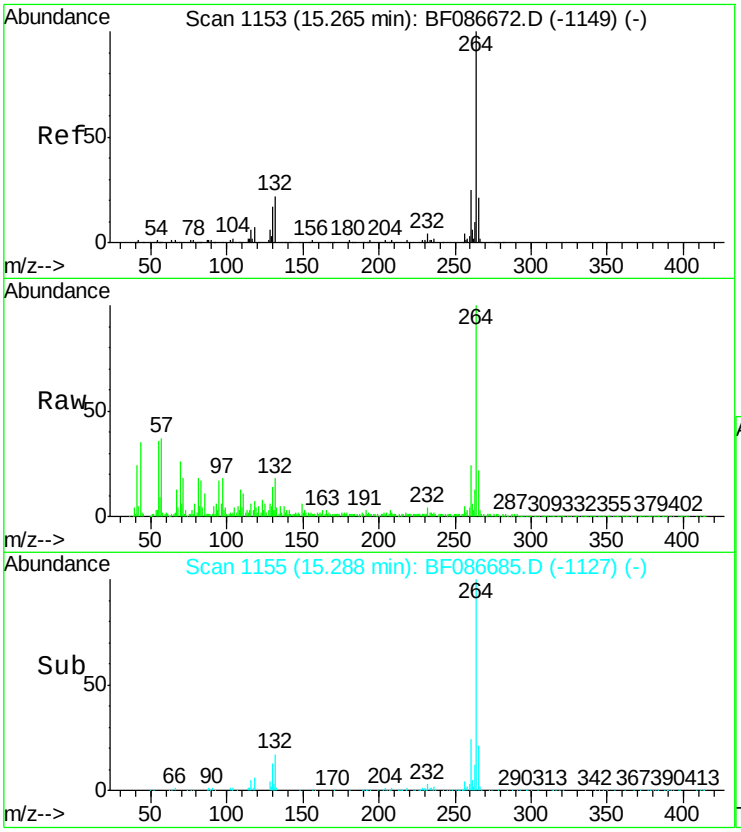


#84
Di-n-octyl phthalate
Concen: 12.63 ng
RT: 14.50 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Tgt Ion:149 Resp: 210235

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	35.6	8.2	12.4#



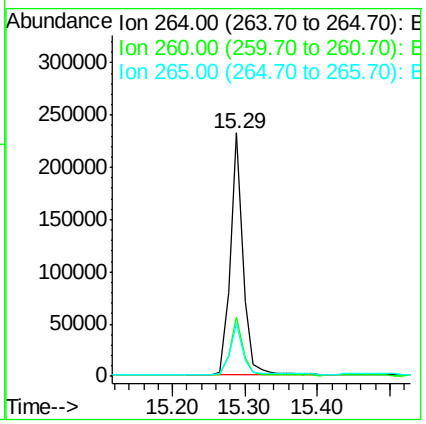


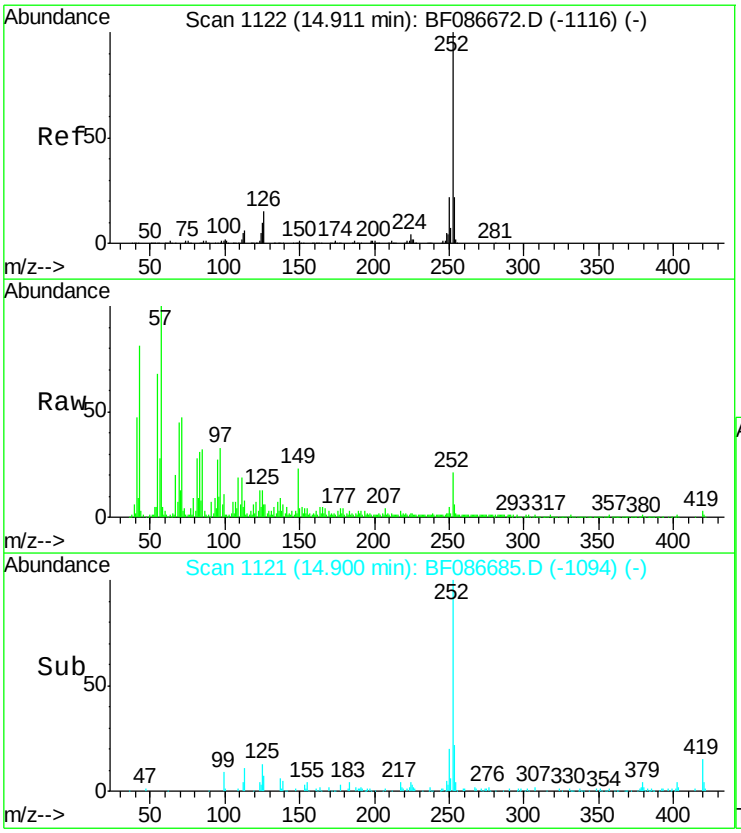
#86
Perylene-d12
Concen: 40.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. 0.02 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampleId :
C-CC-01A

Tgt Ion:264 Resp: 283733

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.6	17.3	25.9

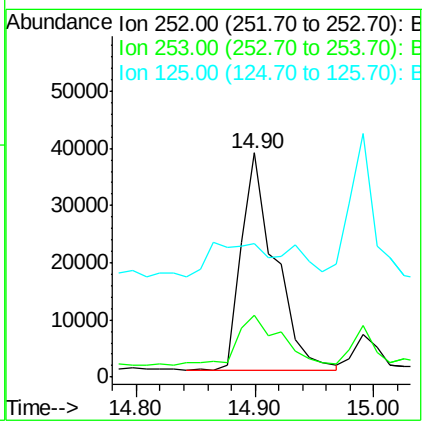


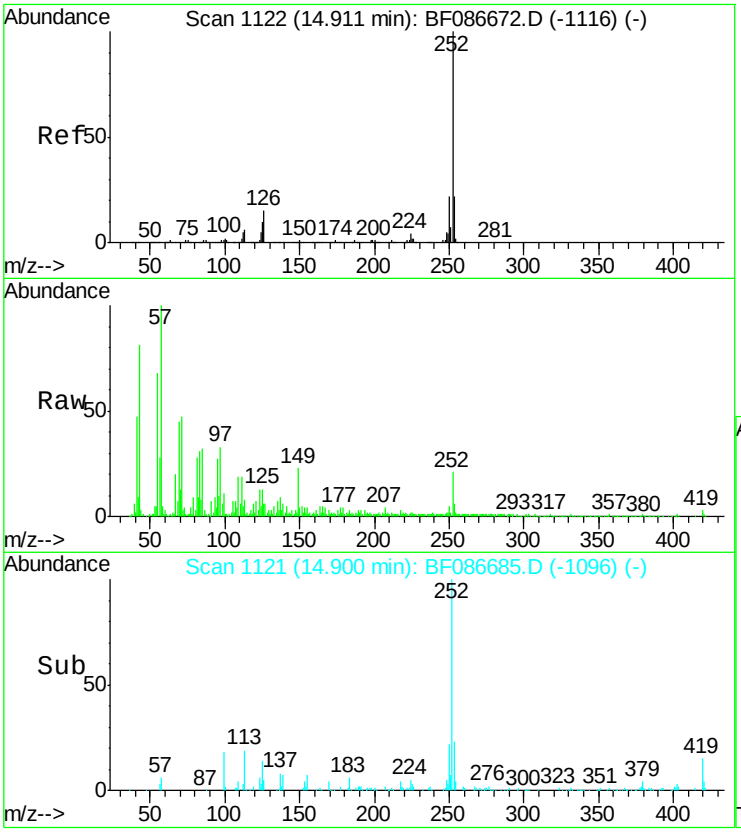


#87
Benzo(b)fluoranthene
Concen: 4.41 ng
RT: 14.90 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Tgt Ion:252 Resp: 75203

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.8	26.6#
125	59.8	11.4	17.0#





#88
Benzo(k)fluoranthene
Concen: 4.68 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampleId :
C-CC-01A

Tgt Ion:252 Resp: 75203

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.8	26.6#
125	59.8	9.1	13.7#